284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : Q1860

Project ID : RFP 911

Client : Weston Solutions, Inc.

Lab Sample Number	Client Sample Number
Q1860-01	P001-SS001-01
Q1860-02	P001-SS001-01MS
Q1860-03	P001-SS001-01MSD
Q1860-04	P001-SS002-01
Q1860-05	P001-SS002-02
Q1860-06	P001-SS003-01
Q1860-07	P001-SS004-01
Q1860-08	P001-SS005-01
Q1860-09	P001-SS006-01
Q1860-10	P001-SS007-01
Q1860-11	P001-SS008-01
Q1860-12	P001-SS009-01
Q1860-13	P001-SS010-01
Q1860-14	P001-SS011-01
Q1860-15	P001-SS012-01
Q1860-16	P001-SS013-01
Q1860-17	P001-SS014-01
Q1860-18	P001-SS015-01
Q1860-19	P001-SS016-01
Q1860-20	P001-SS016-01MS
Q1860-21	P001-SS016-01MSD
Q1860-22	P001-SS017-01
Q1860-23	P001-SS017-02
Q1860-24	P001-SS018-01
Q1860-25	P001-SS019-01
Q1860-26	P001-SS020-01
Q1860-27	P001-SS021-01
Q1860-28	P001-SS022-01
Q1860-29	P001-SS023-01

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 5/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Fax : 908 789 8922

Cover Page

Order ID : Q1860

Project ID : RFP 911

Client : Weston Solutions, Inc.

Lab Sample Number	Client Sample Number
Q1860-30	P001-SS024-01
Q1860-31	P001-SS025-01
Q1860-32	P001-SS026-01
Q1860-33	P001-SS027-01
Q1860-34	P001-SS028-01
Q1860-35	P001-SS029-01
Q1860-36	P001-SS030-01
Q1860-37	P001-SS031-01
Q1860-38	P001-SS032-01
Q1860-39	P001-SS033-01
Q1860-40	P001-SS034-01
Q1860-41	P001-SS035-01
Q1860-42	P001-SS036-01

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 5/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Weston Solutions, Inc.
Project Name: RFP 911
Project # N/A
Chemtech Project # Q1860
Test Name: PCB

A. Number of Samples and Date of Receipt:
42 Solid samples were received on 04/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for
P001-SS007-01 [Decachlorobiphenyl(2) - 215%],
P001-SS007-01DL [Decachlorobiphenyl(1) - 178%],
P001-SS013-01DL [Decachlorobiphenyl(2) - 194%],
P001-SS021-01DL [Decachlorobiphenyl(2) - 192%] as per method one surrogate is allowed to failed, therefore no corrective action was taken and
P001-SS009-01 [Decachlorobiphenyl(1) - 248%, Decachlorobiphenyl(2) - 227%],
P001-SS012-01 [Decachlorobiphenyl(1) - 219%, Decachlorobiphenyl(2) - 202%],
P001-SS012-01DL [Decachlorobiphenyl(1) - 219%, Decachlorobiphenyl(2) - 238%],
P001-SS021-01 [Decachlorobiphenyl(1) - 187%, Decachlorobiphenyl(2) - 193%],
P001-SS025-01 [Decachlorobiphenyl(1) - 250%, Decachlorobiphenyl(2) - 222%],
P001-SS026-01 [Decachlorobiphenyl(1) - 373%, Decachlorobiphenyl(2) - 332%],
P001-SS028-01 [Decachlorobiphenyl(1) - 423%, Decachlorobiphenyl(2) - 358%],
P001-SS035-01 [Decachlorobiphenyl(1) - 179%, Decachlorobiphenyl(2) - 181%],
P001-SS025-01DL [Decachlorobiphenyl(1) - 225%, Decachlorobiphenyl(2) - 240%],
P001-SS026-01DL [Decachlorobiphenyl(1) - 380%, Decachlorobiphenyl(2) - 418%],
P001-SS033-01DL [Decachlorobiphenyl(1) - 181%, Decachlorobiphenyl(2) - 180%],

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P001-SS034-01DL [Decachlorobiphenyl(1) - 188%, Decachlorobiphenyl(2) - 254%],
P001-SS035-01DL [Decachlorobiphenyl(1) - 196%, Decachlorobiphenyl(2) - 229%],
P001-SS031-01DL [Decachlorobiphenyl(1) - 247%, Decachlorobiphenyl(2) - 283%],
P001-SS028-01DL [Decachlorobiphenyl(1) - 415%, Decachlorobiphenyl(2) - 434%],
P001-SS008-01 [Decachlorobiphenyl(1) - 204%, Decachlorobiphenyl(2) - 407%, Tetrachloro-m-xylene(1) - 184%],
P001-SS029-01 [Tetrachloro-m-xylene(1) - 149%, Tetrachloro-m-xylene(2) - 151%], but these samples were required further dilution as well due to high concentration, therefore original and Dilution analysis were reported and no further corrective action taken also
P001-SS009-01DL [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%],
P001-SS032-01DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%],
P001-SS035-01DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0% and Tetrachloro-m-xylene(2) - 0%],
P001-SS031-01DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%],
P001-SS008-01DL [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%],
Surrogates were diluted out due to the high dilution. No further corrective action was taken.

The Retention Times were acceptable for all samples.

The MS {Q1860-20MS} with File ID: PO110728.D recoveries met the requirements for all compounds except for AR1016[649%], AR1260[316%] due to matrix interference.

The MSD {Q1860-21MSD} with File ID: PO110729.D recoveries met the acceptable requirements except for AR1016[698%], AR1260[321%] due to matrix interference.

The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .

The Continuous Calibration File ID PO110750.D met the requirements except for Aroclor-1016(Peak-02),Tetrachloro-m-xylene is failing in 1st column but passing but passing in 2nd column therefore no corrective action taken.

The Continuous Calibration File ID PO110783.D met the requirements except for Tetrachloro-m-xylene is failing in 1st column but passing but passing in 2nd column therefore no corrective action taken.

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Samples P001-SS006-01, P001-SS007-01, P001-SS008-01, P001-SS009-01, P001-SS012-01, P001-SS013-01, P001-SS016-01, P001-SS017-01, P001-SS017-02, P001-SS019-01, P001-SS020-01, P001-SS021-01, P001-SS023-01, P001-SS025-01, P001-SS026-01, P001-SS028-01, P001-SS029-01, P001-SS030-01, P001-SS031-01, P001-SS031-01DL, P001-SS032-01, P001-SS032-01DL, P001-SS033-01, P001-SS034-01, P001-SS035-01 and P001-SS035-01DL were diluted due to high concentrations.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Calculation for Concentration in Soil samples:
Concentration ug/Kg (Dry weight basis) = $\frac{(Ax)\ (Vt)\ (DF)\ (GPC)}{(CF)\ (Vi)\ (Ws)\ (D)}$

Where,
Ax = Response (peak area or height) of the compound to be measured.
CF = Mean Calibration Factor from the initial calibration (area/ng).
Vt = Volume of the concentrated extract in uL
Vi = Volume of extract injected (uL). (If a single injection is made onto two columns, use ½ the volume in the syringe as the volume injected onto each column).
Ws = Weight of sample extracted (g).
D = % dry weight or $\frac{100 - \%Moisture}{100}$

GPC = $\frac{Vin}{Vout}$ = GPC factor (If no GPC is performed, GPC=1)
DF = Dilution Factor

G. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1860 MATRIX: Solid

METHOD: 8082A/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. The Initial Calibration met the requirements . The Continuous Calibration File ID PO110750.D met the requirements except for Aroclor-1016(Peak-02),Tetrachloro-m-xylene is failing in 1st column but passing but passing in 2nd column therefore no corrective action taken. The Continuous Calibration File ID PO110783.D met the requirements except for Tetrachloro-m-xylene is failing in 1st column but passing but passing in 2nd column therefore no corrective action taken.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
5.	Surrogate Recoveries Meet Criteria			✓

If not met, list those compounds and their recoveries which fall outside the acceptable ranges.

The Surrogate recoveries met the acceptable criteria except for
P001-SS007-01 [Decachlorobiphenyl(2) - 215%],
P001-SS007-01DL [Decachlorobiphenyl(1) - 178%],
P001-SS013-01DL [Decachlorobiphenyl(2) - 194%],
P001-SS021-01DL [Decachlorobiphenyl(2) - 192%] as per method one surrogate is allowed to failed, therefore no corrective action was taken and
P001-SS009-01 [Decachlorobiphenyl(1) - 248%, Decachlorobiphenyl(2) - 227%],
P001-SS012-01 [Decachlorobiphenyl(1) - 219%, Decachlorobiphenyl(2) - 202%],
P001-SS012-01DL [Decachlorobiphenyl(1) - 219%, Decachlorobiphenyl(2) - 238%],
P001-SS021-01 [Decachlorobiphenyl(1) - 187%, Decachlorobiphenyl(2) - 193%],
P001-SS025-01 [Decachlorobiphenyl(1) - 250%, Decachlorobiphenyl(2) - 222%],
P001-SS026-01 [Decachlorobiphenyl(1) - 373%, Decachlorobiphenyl(2) - 332%],
P001-SS028-01 [Decachlorobiphenyl(1) - 423%, Decachlorobiphenyl(2) - 358%],
P001-SS035-01 [Decachlorobiphenyl(1) - 179%, Decachlorobiphenyl(2) - 181%],
P001-SS025-01DL [Decachlorobiphenyl(1) - 225%, Decachlorobiphenyl(2) - 240%],
P001-SS026-01DL [Decachlorobiphenyl(1) - 380%, Decachlorobiphenyl(2) - 418%],
P001-SS033-01DL [Decachlorobiphenyl(1) - 181%, Decachlorobiphenyl(2) - 180%],
P001-SS034-01DL [Decachlorobiphenyl(1) - 188%, Decachlorobiphenyl(2) - 254%],
P001-SS035-01DL [Decachlorobiphenyl(1) - 196%, Decachlorobiphenyl(2) - 229%],
P001-SS031-01DL [Decachlorobiphenyl(1) - 247%, Decachlorobiphenyl(2) - 283%],
P001-SS028-01DL [Decachlorobiphenyl(1) - 415%, Decachlorobiphenyl(2) - 434%],
P001-SS008-01 [Decachlorobiphenyl(1) - 204%, Decachlorobiphenyl(2) - 407%, Tetrachloro-m-xylene(1) - 184%],
P001-SS029-01 [Tetrachloro-m-xylene(1) - 149%, Tetrachloro-m-xylene(2) - 151%], but these samples were required further dilution as well due to high concentration, therefore original and Dilution analysis were reported and no further corrective action taken also
P001-SS009-01DL [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%],
P001-SS032-01DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%],
P001-SS035-01DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0% and Tetrachloro-m-xylene(2) - 0%],
P001-SS031-01DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%],
P001-SS008-01DL [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%],
Surrogates were diluted out due to the high dilution. No further corrective action was taken.

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The MS {Q1860-20MS} with File ID: PO110728.D recoveries met the requirements for all compounds except for AR1016[649%], AR1260[316%] due to matrix interference.			
	The MSD {Q1860-21MSD} with File ID: PO110729.D recoveries met the acceptable requirements except for AR1016[698%], AR1260[321%] due to matrix interference. The Blank Spike met requirements for all samples .			
	The RPD met criteria .			
7.	Retention Time Shift Meet Criteria (if applicable)			✓
	Comments:			
8.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

Samples P001-SS006-01, P001-SS007-01, P001-SS008-01, P001-SS009-01, P001-SS012-01, P001-SS013-01, P001-SS016-01, P001-SS017-01, P001-SS017-02, P001-SS019-01, P001-SS020-01, P001-SS021-01, P001-SS023-01, P001-SS025-01, P001-SS026-01, P001-SS028-01, P001-SS029-01, P001-SS030-01, P001-SS031-01, P001-SS031-01DL, P001-SS032-01, P001-SS032-01DL, P001-SS033-01, P001-SS034-01, P001-SS035-01 and P001-SS035-01DL were diluted due to high concentrations.

The soil samples results are based on a dry weight basis.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1860**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **SOHIL JODHANI** **Date:** **05/06/2025**

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LAB CHRONICLE

OrderID:	Q1860	**OrderDate:**	4/23/2025 10:15:04 AM
Client:	Weston Solutions, Inc.	**Project:**	RFP 911
Contact:	Smita Sumbaly	**Location:**	L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1860-01	**P001-SS001-01**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-04	**P001-SS002-01**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-05	**P001-SS002-02**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-06	**P001-SS003-01**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-07	**P001-SS004-01**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-08	**P001-SS005-01**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-09	**P001-SS006-01**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/30/25	
Q1860-09DL	**P001-SS006-01DL**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/30/25	
Q1860-10	**P001-SS007-01**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-10DL	**P001-SS007-01DL**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-11	**P001-SS008-01**	**SOIL**			**04/16/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-11DL	**P001-SS008-01DL**	**SOIL**			**04/16/25**			**04/23/25**

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LAB CHRONICLE

			PCB	8082A		04/24/25	04/24/25	
Q1860-12	**P001-SS009-01**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-12DL	**P001-SS009-01DL**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/25/25	
Q1860-13	**P001-SS010-01**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/25/25	
Q1860-14	**P001-SS011-01**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-15	**P001-SS012-01**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-15DL	**P001-SS012-01DL**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/25/25	
Q1860-16	**P001-SS013-01**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-16DL	**P001-SS013-01DL**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/25/25	
Q1860-17	**P001-SS014-01**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-18	**P001-SS015-01**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/24/25	
Q1860-19	**P001-SS016-01**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-19DL	**P001-SS016-01DL**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-22	**P001-SS017-01**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/28/25	
Q1860-22DL	**P001-SS017-01DL**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/29/25	

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Q1860-23	**P001-SS017-02**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/28/25	
Q1860-23DL	**P001-SS017-02DL**	**SOIL**			**04/17/25**			**04/23/25**
			PCB	8082A		04/24/25	04/29/25	
Q1860-24	**P001-SS018-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/24/25	04/28/25	
Q1860-25	**P001-SS019-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/24/25	04/28/25	
Q1860-25DL	**P001-SS019-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/24/25	04/29/25	
Q1860-26	**P001-SS020-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-26DL	**P001-SS020-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-27	**P001-SS021-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-27DL	**P001-SS021-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-28	**P001-SS022-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-29	**P001-SS023-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-29DL	**P001-SS023-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-30	**P001-SS024-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-31	**P001-SS025-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-31DL	**P001-SS025-01DL**	**SOIL**			**04/21/25**			**04/23/25**

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			PCB	8082A		04/25/25	04/28/25	
Q1860-32	**P001-SS026-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-32DL	**P001-SS026-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-33	**P001-SS027-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-34	**P001-SS028-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-34DL	**P001-SS028-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/29/25	
Q1860-35	**P001-SS029-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-35DL	**P001-SS029-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/29/25	
Q1860-36	**P001-SS030-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-36DL	**P001-SS030-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-37	**P001-SS031-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-37DL	**P001-SS031-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/29/25	
Q1860-37DL2	**P001-SS031-01DL2**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/29/25	
Q1860-38	**P001-SS032-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-38DL	**P001-SS032-01DL**	**SOIL**			**04/21/25**			**04/23/25**

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			PCB	8082A		04/25/25	04/28/25	
Q1860-38DL2	**P001-SS032-01DL2**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-39	**P001-SS033-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-39DL	**P001-SS033-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-40	**P001-SS034-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/25/25	
Q1860-40DL	**P001-SS034-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-41	**P001-SS035-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/26/25	
Q1860-41DL	**P001-SS035-01DL**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-41DL2	**P001-SS035-01DL2**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	
Q1860-42	**P001-SS036-01**	**SOIL**			**04/21/25**			**04/23/25**
			PCB	8082A		04/25/25	04/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1860 **Order ID:** Q1860

Client: Weston Solutions, Inc. **Project ID:** Q1908

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : P001-SS001-01								
Q1860-01	P001-SS001-01	SOIL	Aroclor-1260	58.6		3.70	19.6	ug/kg
			Total Concentration:	**58.600**				
Client ID : P001-SS002-01								
Q1860-04	P001-SS002-01	SOIL	Aroclor-1254	200		3.90	20.8	ug/kg
			Total Concentration:	**200.000**				
Client ID : P001-SS002-02								
Q1860-05	P001-SS002-02	SOIL	Aroclor-1254	302		3.80	20.2	ug/kg
			Total Concentration:	**302.000**				
Client ID : P001-SS003-01								
Q1860-06	P001-SS003-01	SOIL	Aroclor-1254	154		3.70	19.4	ug/kg
Q1860-06	P001-SS003-01	SOIL	Aroclor-1260	126		3.70	19.4	ug/kg
			Total Concentration:	**280.000**				
Client ID : P001-SS004-01								
Q1860-07	P001-SS004-01	SOIL	Aroclor-1254	179		3.70	19.6	ug/kg
Q1860-07	P001-SS004-01	SOIL	Aroclor-1260	198		3.70	19.6	ug/kg
			Total Concentration:	**377.000**				
Client ID : P001-SS005-01								
Q1860-08	P001-SS005-01	SOIL	Aroclor-1260	299		3.70	19.7	ug/kg
			Total Concentration:	**299.000**				
Client ID : P001-SS006-01								
Q1860-09	P001-SS006-01	SOIL	Aroclor-1260	439	E	3.60	18.9	ug/kg
			Total Concentration:	**439.000**				
Client ID : P001-SS006-01DL								
Q1860-09DL	P001-SS006-01DL	SOIL	Aroclor-1260	375	D	18.0	94.7	ug/kg
			Total Concentration:	**375.000**				
Client ID : P001-SS007-01								
Q1860-10	P001-SS007-01	SOIL	Aroclor-1248	4200	E	6.80	19.4	ug/kg
Q1860-10	P001-SS007-01	SOIL	Aroclor-1254	3900	E	3.70	19.4	ug/kg
			Total Concentration:	**8,100.000**				

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Hit Summary Sheet
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SDG No.: Q1860 **Order ID:** Q1860

Client: Weston Solutions, Inc. **Project ID:** Q1908

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**P001-SS007-01DL**							
Q1860-10DL	P001-SS007-01DL	SOIL	Aroclor-1248	4000	D	169	485	ug/kg
Q1860-10DL	P001-SS007-01DL	SOIL	Aroclor-1254	3400	D	91.6	485	ug/kg
			Total Concentration:	**7,400.000**				
Client ID :	**P001-SS008-01**							
Q1860-11	P001-SS008-01	SOIL	Aroclor-1248	7200	E	6.70	19.1	ug/kg
Q1860-11	P001-SS008-01	SOIL	Aroclor-1254	7000	E	3.60	19.1	ug/kg
			Total Concentration:	**14,200.000**				
Client ID :	**P001-SS008-01DL**							
Q1860-11DL	P001-SS008-01DL	SOIL	Aroclor-1248	9900	D	666	1900	ug/kg
Q1860-11DL	P001-SS008-01DL	SOIL	Aroclor-1254	7900	D	361	1900	ug/kg
			Total Concentration:	**17,800.000**				
Client ID :	**P001-SS009-01**							
Q1860-12	P001-SS009-01	SOIL	Aroclor-1248	7300	E	6.80	19.6	ug/kg
Q1860-12	P001-SS009-01	SOIL	Aroclor-1254	5700	E	3.70	19.6	ug/kg
			Total Concentration:	**13,000.000**				
Client ID :	**P001-SS009-01DL**							
Q1860-12DL	P001-SS009-01DL	SOIL	Aroclor-1248	9400	D	684	2000	ug/kg
Q1860-12DL	P001-SS009-01DL	SOIL	Aroclor-1254	6700	D	371	2000	ug/kg
			Total Concentration:	**16,100.000**				
Client ID :	**P001-SS010-01**							
Q1860-13	P001-SS010-01	SOIL	Aroclor-1254	57.4		4.00	21.0	ug/kg
Q1860-13	P001-SS010-01	SOIL	Aroclor-1260	54.6		4.00	21.0	ug/kg
			Total Concentration:	**112.000**				
Client ID :	**P001-SS011-01**							
Q1860-14	P001-SS011-01	SOIL	Aroclor-1248	325		7.10	20.5	ug/kg
Q1860-14	P001-SS011-01	SOIL	Aroclor-1254	282		3.90	20.5	ug/kg
			Total Concentration:	**607.000**				
Client ID :	**P001-SS012-01**							
Q1860-15	P001-SS012-01	SOIL	Aroclor-1248	6500	E	7.30	20.9	ug/kg
Q1860-15	P001-SS012-01	SOIL	Aroclor-1254	3900	E	3.90	20.9	ug/kg
			Total Concentration:	**10,400.000**				

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Hit Summary Sheet
SW-846

SDG No.: Q1860 **Order ID:** Q1860

Client: Weston Solutions, Inc. **Project ID:** Q1908

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**P001-SS012-01DL**							
Q1860-15DL	P001-SS012-01DL	SOIL	Aroclor-1248	7000	D	182	522	ug/kg
Q1860-15DL	P001-SS012-01DL	SOIL	Aroclor-1254	3900	D	98.6	522	ug/kg
			Total Concentration:	**10,900.000**				
Client ID :	**P001-SS013-01**							
Q1860-16	P001-SS013-01	SOIL	Aroclor-1248	4300	E	6.90	19.9	ug/kg
Q1860-16	P001-SS013-01	SOIL	Aroclor-1254	3200	E	3.80	19.9	ug/kg
			Total Concentration:	**7,500.000**				
Client ID :	**P001-SS013-01DL**							
Q1860-16DL	P001-SS013-01DL	SOIL	Aroclor-1248	5100	D	173	498	ug/kg
Q1860-16DL	P001-SS013-01DL	SOIL	Aroclor-1254	3500	D	94.0	498	ug/kg
			Total Concentration:	**8,600.000**				
Client ID :	**P001-SS014-01**							
Q1860-17	P001-SS014-01	SOIL	Aroclor-1248	398		7.40	21.3	ug/kg
Q1860-17	P001-SS014-01	SOIL	Aroclor-1254	412		4.00	21.3	ug/kg
			Total Concentration:	**810.000**				
Client ID :	**P001-SS015-01**							
Q1860-18	P001-SS015-01	SOIL	Aroclor-1248	71.7		7.90	22.7	ug/kg
Q1860-18	P001-SS015-01	SOIL	Aroclor-1254	102		4.30	22.7	ug/kg
			Total Concentration:	**173.700**				
Client ID :	**P001-SS016-01**							
Q1860-19	P001-SS016-01	SOIL	Aroclor-1248	932	E	7.10	20.4	ug/kg
Q1860-19	P001-SS016-01	SOIL	Aroclor-1254	734	E	3.90	20.4	ug/kg
			Total Concentration:	**1,666.000**				
Client ID :	**P001-SS016-01DL**							
Q1860-19DL	P001-SS016-01DL	SOIL	Aroclor-1248	986	D	71.1	204	ug/kg
Q1860-19DL	P001-SS016-01DL	SOIL	Aroclor-1254	725	D	38.6	204	ug/kg
			Total Concentration:	**1,711.000**				
Client ID :	**P001-SS017-01**							
Q1860-22	P001-SS017-01	SOIL	Aroclor-1248	770	E	7.00	20.1	ug/kg
Q1860-22	P001-SS017-01	SOIL	Aroclor-1254	759	E	3.80	20.1	ug/kg

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Hit Summary Sheet
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SDG No.: Q1860 **Order ID:** Q1860

Client: Weston Solutions, Inc. **Project ID:** Q1908

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	**1,529.000**				
Client ID :	**P001-SS017-01DL**							
Q1860-22DL	P001-SS017-01DL	SOIL	Aroclor-1248	749	D	34.9	100	ug/kg
Q1860-22DL	P001-SS017-01DL	SOIL	Aroclor-1254	663	D	18.9	100	ug/kg
			Total Concentration:	**1,412.000**				
Client ID :	**P001-SS017-02**							
Q1860-23	P001-SS017-02	SOIL	Aroclor-1248	925	E	7.20	20.6	ug/kg
Q1860-23	P001-SS017-02	SOIL	Aroclor-1254	631	E	3.90	20.6	ug/kg
			Total Concentration:	**1,556.000**				
Client ID :	**P001-SS017-02DL**							
Q1860-23DL	P001-SS017-02DL	SOIL	Aroclor-1248	878	D	35.8	103	ug/kg
Q1860-23DL	P001-SS017-02DL	SOIL	Aroclor-1254	525	D	19.4	103	ug/kg
			Total Concentration:	**1,403.000**				
Client ID :	**P001-SS018-01**							
Q1860-24	P001-SS018-01	SOIL	Aroclor-1254	76.3		3.60	18.9	ug/kg
			Total Concentration:	**76.300**				
Client ID :	**P001-SS019-01**							
Q1860-25	P001-SS019-01	SOIL	Aroclor-1254	435	E	3.60	19.2	ug/kg
Q1860-25	P001-SS019-01	SOIL	Aroclor-1260	297		3.70	19.2	ug/kg
			Total Concentration:	**732.000**				
Client ID :	**P001-SS019-01DL**							
Q1860-25DL	P001-SS019-01DL	SOIL	Aroclor-1254	435	D	18.1	96.1	ug/kg
Q1860-25DL	P001-SS019-01DL	SOIL	Aroclor-1260	298	D	18.3	96.1	ug/kg
			Total Concentration:	**733.000**				
Client ID :	**P001-SS020-01**							
Q1860-26	P001-SS020-01	SOIL	Aroclor-1254	5900	EP	3.80	20.0	ug/kg
			Total Concentration:	**5,900.000**				
Client ID :	**P001-SS020-01DL**							
Q1860-26DL	P001-SS020-01DL	SOIL	Aroclor-1254	4500	D	94.3	500	ug/kg
			Total Concentration:	**4,500.000**				

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SDG No.: Q1860 **Order ID:** Q1860

Client: Weston Solutions, Inc. **Project ID:** Q1908

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**P001-SS021-01**							
Q1860-27	P001-SS021-01	SOIL	Aroclor-1254	381	E	3.60	19.2	ug/kg
			Total Concentration:	**381.000**				
Client ID :	**P001-SS021-01DL**							
Q1860-27DL	P001-SS021-01DL	SOIL	Aroclor-1254	400	D	18.1	95.9	ug/kg
			Total Concentration:	**400.000**				
Client ID :	**P001-SS022-01**							
Q1860-28	P001-SS022-01	SOIL	Aroclor-1254	203		3.80	20.3	ug/kg
			Total Concentration:	**203.000**				
Client ID :	**P001-SS023-01**							
Q1860-29	P001-SS023-01	SOIL	Aroclor-1254	410	E	3.80	20.2	ug/kg
			Total Concentration:	**410.000**				
Client ID :	**P001-SS023-01DL**							
Q1860-29DL	P001-SS023-01DL	SOIL	Aroclor-1254	361	D	19.1	101	ug/kg
			Total Concentration:	**361.000**				
Client ID :	**P001-SS024-01**							
Q1860-30	P001-SS024-01	SOIL	Aroclor-1254	347		3.80	20.1	ug/kg
			Total Concentration:	**347.000**				
Client ID :	**P001-SS025-01**							
Q1860-31	P001-SS025-01	SOIL	Aroclor-1254	1200	E	3.70	19.5	ug/kg
Q1860-31	P001-SS025-01	SOIL	Aroclor-1260	1200	E	3.70	19.5	ug/kg
			Total Concentration:	**2,400.000**				
Client ID :	**P001-SS025-01DL**							
Q1860-31DL	P001-SS025-01DL	SOIL	Aroclor-1254	1200	D	18.5	97.7	ug/kg
Q1860-31DL	P001-SS025-01DL	SOIL	Aroclor-1260	1300	D	18.6	97.7	ug/kg
			Total Concentration:	**2,500.000**				
Client ID :	**P001-SS026-01**							
Q1860-32	P001-SS026-01	SOIL	Aroclor-1254	3800	E	4.10	21.5	ug/kg
			Total Concentration:	**3,800.000**				
Client ID :	**P001-SS026-01DL**							

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Hit Summary Sheet
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SDG No.: Q1860 **Order ID:** Q1860

Client: Weston Solutions, Inc. **Project ID:** Q1908

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1860-32DL	P001-SS026-01DL	SOIL	Aroclor-1254	4800	D	81.0	429	ug/kg
			Total Concentration:	**4,800.000**				
Client ID :	**P001-SS027-01**							
Q1860-33	P001-SS027-01	SOIL	Aroclor-1248	114		6.80	19.6	ug/kg
Q1860-33	P001-SS027-01	SOIL	Aroclor-1254	225		3.70	19.6	ug/kg
Q1860-33	P001-SS027-01	SOIL	Aroclor-1260	176		3.70	19.6	ug/kg
			Total Concentration:	**515.000**				
Client ID :	**P001-SS028-01**							
Q1860-34	P001-SS028-01	SOIL	Aroclor-1248	1800	E	7.60	21.8	ug/kg
Q1860-34	P001-SS028-01	SOIL	Aroclor-1254	3000	E	4.10	21.8	ug/kg
Q1860-34	P001-SS028-01	SOIL	Aroclor-1260	2100	E	4.20	21.8	ug/kg
			Total Concentration:	**6,900.000**				
Client ID :	**P001-SS028-01DL**							
Q1860-34DL	P001-SS028-01DL	SOIL	Aroclor-1248	2100	D	152	437	ug/kg
Q1860-34DL	P001-SS028-01DL	SOIL	Aroclor-1254	2900	D	82.5	437	ug/kg
Q1860-34DL	P001-SS028-01DL	SOIL	Aroclor-1260	2300	D	83.0	437	ug/kg
			Total Concentration:	**7,300.000**				
Client ID :	**P001-SS029-01**							
Q1860-35	P001-SS029-01	SOIL	Aroclor-1248	317		7.30	21.1	ug/kg
Q1860-35	P001-SS029-01	SOIL	Aroclor-1254	781	E	4.00	21.1	ug/kg
Q1860-35	P001-SS029-01	SOIL	Aroclor-1260	532	E	4.00	21.1	ug/kg
			Total Concentration:	**1,630.000**				
Client ID :	**P001-SS029-01DL**							
Q1860-35DL	P001-SS029-01DL	SOIL	Aroclor-1248	294	D	36.7	105	ug/kg
Q1860-35DL	P001-SS029-01DL	SOIL	Aroclor-1254	665	D	19.9	105	ug/kg
Q1860-35DL	P001-SS029-01DL	SOIL	Aroclor-1260	504	D	20.0	105	ug/kg
			Total Concentration:	**1,463.000**				
Client ID :	**P001-SS030-01**							
Q1860-36	P001-SS030-01	SOIL	Aroclor-1248	2100	E	7.10	20.3	ug/kg
Q1860-36	P001-SS030-01	SOIL	Aroclor-1254	3300	E	3.80	20.3	ug/kg
Q1860-36	P001-SS030-01	SOIL	Aroclor-1260	3500	E	3.90	20.3	ug/kg
			Total Concentration:	**8,900.000**				

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Hit Summary Sheet
SW-846

SDG No.: Q1860 **Order ID:** Q1860

Client: Weston Solutions, Inc. **Project ID:** Q1908

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**P001-SS030-01DL**							
Q1860-36DL	P001-SS030-01DL	SOIL	Aroclor-1248	2800	D	141	405	ug/kg
Q1860-36DL	P001-SS030-01DL	SOIL	Aroclor-1254	4100	D	76.5	405	ug/kg
Q1860-36DL	P001-SS030-01DL	SOIL	Aroclor-1260	3900	D	77.0	405	ug/kg
			Total Concentration:	**10,800.000**				
Client ID :	**P001-SS031-01**							
Q1860-37	P001-SS031-01	SOIL	Aroclor-1254	7700	E	3.60	19.1	ug/kg
			Total Concentration:	**7,700.000**				
Client ID :	**P001-SS031-01DL**							
Q1860-37DL	P001-SS031-01DL	SOIL	Aroclor-1254	9100	ED	72.0	381	ug/kg
			Total Concentration:	**9,100.000**				
Client ID :	**P001-SS031-01DL2**							
Q1860-37DL2	P001-SS031-01DL2	SOIL	Aroclor-1254	9100	D	360	1900	ug/kg
			Total Concentration:	**9,100.000**				
Client ID :	**P001-SS032-01**							
Q1860-38	P001-SS032-01	SOIL	Aroclor-1248	2100	E	6.80	19.5	ug/kg
Q1860-38	P001-SS032-01	SOIL	Aroclor-1254	5300	E	3.70	19.5	ug/kg
			Total Concentration:	**7,400.000**				
Client ID :	**P001-SS032-01DL**							
Q1860-38DL	P001-SS032-01DL	SOIL	Aroclor-1248	1900	D	68.0	195	ug/kg
Q1860-38DL	P001-SS032-01DL	SOIL	Aroclor-1254	4000	ED	36.9	195	ug/kg
			Total Concentration:	**5,900.000**				
Client ID :	**P001-SS032-01DL2**							
Q1860-38DL2	P001-SS032-01DL2	SOIL	Aroclor-1248	2400	D	340	976	ug/kg
Q1860-38DL2	P001-SS032-01DL2	SOIL	Aroclor-1254	4200	D	184	976	ug/kg
			Total Concentration:	**6,600.000**				
Client ID :	**P001-SS033-01**							
Q1860-39	P001-SS033-01	SOIL	Aroclor-1248	3900	E	6.70	19.4	ug/kg
Q1860-39	P001-SS033-01	SOIL	Aroclor-1254	3600	E	3.70	19.4	ug/kg
			Total Concentration:	**7,500.000**				
Client ID :	**P001-SS033-01DL**							

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Hit Summary Sheet
SW-846

SDG No.: Q1860 **Order ID:** Q1860

Client: Weston Solutions, Inc. **Project ID:** Q1908

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1860-39DL	P001-SS033-01DL	SOIL	Aroclor-1248	4900	D	135	387	ug/kg
Q1860-39DL	P001-SS033-01DL	SOIL	Aroclor-1254	4000	D	73.1	387	ug/kg
			Total Concentration:	**8,900.000**				
Client ID :	**P001-SS034-01**							
Q1860-40	P001-SS034-01	SOIL	Aroclor-1248	1700	E	6.70	19.3	ug/kg
Q1860-40	P001-SS034-01	SOIL	Aroclor-1254	2700	E	3.60	19.3	ug/kg
			Total Concentration:	**4,400.000**				
Client ID :	**P001-SS034-01DL**							
Q1860-40DL	P001-SS034-01DL	SOIL	Aroclor-1248	2600	D	135	386	ug/kg
Q1860-40DL	P001-SS034-01DL	SOIL	Aroclor-1254	3600	D	72.9	386	ug/kg
			Total Concentration:	**6,200.000**				
Client ID :	**P001-SS035-01**							
Q1860-41	P001-SS035-01	SOIL	Aroclor-1248	2500	E	6.30	18.1	ug/kg
Q1860-41	P001-SS035-01	SOIL	Aroclor-1254	3900	E	3.40	18.1	ug/kg
			Total Concentration:	**6,400.000**				
Client ID :	**P001-SS035-01DL**							
Q1860-41DL	P001-SS035-01DL	SOIL	Aroclor-1248	2900	D	63.0	181	ug/kg
Q1860-41DL	P001-SS035-01DL	SOIL	Aroclor-1254	4100	ED	34.1	181	ug/kg
			Total Concentration:	**7,000.000**				
Client ID :	**P001-SS035-01DL2**							
Q1860-41DL2	P001-SS035-01DL2	SOIL	Aroclor-1248	3200	D	315	904	ug/kg
Q1860-41DL2	P001-SS035-01DL2	SOIL	Aroclor-1254	4200	DP	171	904	ug/kg
			Total Concentration:	**7,400.000**				
Client ID :	**P001-SS036-01**							
Q1860-42	P001-SS036-01	SOIL	Aroclor-1254	19.6	P	3.40	18.0	ug/kg
			Total Concentration:	**19.600**				



QC SUMMARY

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Surrogate Summary

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO110348.D	PIBLK-PO110348.D	Tetrachloro-m-xylene	1	20	18.1	91		60	140
		Decachlorobiphenyl	1	20	19.2	96		60	140
		Tetrachloro-m-xylene	2	20	18.2	91		60	140
		Decachlorobiphenyl	2	20	20.2	101		60	140
I.BLK-PO110677.D	PIBLK-PO110677.D	Tetrachloro-m-xylene	1	20	16.2	81		60	140
		Decachlorobiphenyl	1	20	15.3	76		60	140
		Tetrachloro-m-xylene	2	20	15.1	75		60	140
		Decachlorobiphenyl	2	20	15.5	77		60	140
Q1860-05	P001-SS002-02	Tetrachloro-m-xylene	1	20	18.2	91		32	144
		Decachlorobiphenyl	1	20	20.1	100		32	175
		Tetrachloro-m-xylene	2	20	16.9	84		32	144
		Decachlorobiphenyl	2	20	21.8	109		32	175
Q1860-06	P001-SS003-01	Tetrachloro-m-xylene	1	20	20.4	102		32	144
		Decachlorobiphenyl	1	20	14.0	70		32	175
		Tetrachloro-m-xylene	2	20	18.8	94		32	144
		Decachlorobiphenyl	2	20	15.0	75		32	175
Q1860-07	P001-SS004-01	Tetrachloro-m-xylene	1	20	17.3	86		32	144
		Decachlorobiphenyl	1	20	11.5	57		32	175
		Tetrachloro-m-xylene	2	20	16.3	81		32	144
		Decachlorobiphenyl	2	20	12.6	63		32	175
Q1860-12	P001-SS009-01	Tetrachloro-m-xylene	1	20	23.1	116		32	144
		Decachlorobiphenyl	1	20	49.7	248	*	32	175
		Tetrachloro-m-xylene	2	20	22.7	114		32	144
		Decachlorobiphenyl	2	20	45.4	227	*	32	175
Q1860-14	P001-SS011-01	Tetrachloro-m-xylene	1	20	16.5	83		32	144
		Decachlorobiphenyl	1	20	13.8	69		32	175
		Tetrachloro-m-xylene	2	20	16.2	81		32	144
		Decachlorobiphenyl	2	20	14.8	74		32	175
Q1860-15	P001-SS012-01	Tetrachloro-m-xylene	1	20	14.6	73		32	144
		Decachlorobiphenyl	1	20	43.8	219	*	32	175
		Tetrachloro-m-xylene	2	20	14.8	74		32	144
		Decachlorobiphenyl	2	20	40.4	202	*	32	175
Q1860-16	P001-SS013-01	Tetrachloro-m-xylene	1	20	18.3	92		32	144
		Decachlorobiphenyl	1	20	25.3	127		32	175
		Tetrachloro-m-xylene	2	20	18.1	90		32	144
		Decachlorobiphenyl	2	20	27.1	136		32	175
Q1860-17	P001-SS014-01	Tetrachloro-m-xylene	1	20	18.4	92		32	144
		Decachlorobiphenyl	1	20	15.0	75		32	175
		Tetrachloro-m-xylene	2	20	16.8	84		32	144
		Decachlorobiphenyl	2	20	16.8	84		32	175
Q1860-18	P001-SS015-01	Tetrachloro-m-xylene	1	20	18.9	95		32	144

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Surrogate Summary

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1860-18	P001-SS015-01	Decachlorobiphenyl	1	20	11.9	59		32	175
		Tetrachloro-m-xylene	2	20	18.0	90		32	144
		Decachlorobiphenyl	2	20	13.0	65		32	175
I.BLK-PO110692.D	PIBLK-PO110692.D	Tetrachloro-m-xylene	1	20	16.0	80		60	140
		Decachlorobiphenyl	1	20	14.5	73		60	140
		Tetrachloro-m-xylene	2	20	15.1	76		60	140
		Decachlorobiphenyl	2	20	15.6	78		60	140
I.BLK-PO110707.D	PIBLK-PO110707.D	Tetrachloro-m-xylene	1	20	16.2	81		60	140
		Decachlorobiphenyl	1	20	15.4	77		60	140
		Tetrachloro-m-xylene	2	20	15.2	76		60	140
		Decachlorobiphenyl	2	20	15.9	80		60	140
Q1860-13	P001-SS010-01	Tetrachloro-m-xylene	1	20	16.1	81		32	144
		Decachlorobiphenyl	1	20	10.9	54		32	175
		Tetrachloro-m-xylene	2	20	15.3	76		32	144
		Decachlorobiphenyl	2	20	11.4	57		32	175
Q1860-12DL	P001-SS009-01DL	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
Q1860-15DL	P001-SS012-01DL	Tetrachloro-m-xylene	1	20	15.3	76		32	144
		Decachlorobiphenyl	1	20	43.8	219	*	32	175
		Tetrachloro-m-xylene	2	20	15.3	76		32	144
		Decachlorobiphenyl	2	20	47.5	238	*	32	175
Q1860-16DL	P001-SS013-01DL	Tetrachloro-m-xylene	1	20	20.8	104		32	144
		Decachlorobiphenyl	1	20	35.0	175		32	175
		Tetrachloro-m-xylene	2	20	20.5	103		32	144
		Decachlorobiphenyl	2	20	38.8	194	*	32	175
I.BLK-PO110718.D	PIBLK-PO110718.D	Tetrachloro-m-xylene	1	20	15.8	79		60	140
		Decachlorobiphenyl	1	20	15.7	78		60	140
		Tetrachloro-m-xylene	2	20	14.7	74		60	140
		Decachlorobiphenyl	2	20	15.7	78		60	140
I.BLK-PO110724.D	PIBLK-PO110724.D	Tetrachloro-m-xylene	1	20	16.4	82		60	140
		Decachlorobiphenyl	1	20	15.9	80		60	140
		Tetrachloro-m-xylene	2	20	15.2	76		60	140
		Decachlorobiphenyl	2	20	16.6	83		60	140
PB167737BS	PB167737BS	Tetrachloro-m-xylene	1	20	19.1	95		32	144
		Decachlorobiphenyl	1	20	19.2	96		32	175
		Tetrachloro-m-xylene	2	20	17.3	87		32	144
		Decachlorobiphenyl	2	20	19.6	98		32	175
Q1860-19	P001-SS016-01	Tetrachloro-m-xylene	1	20	16.5	83		32	144
		Decachlorobiphenyl	1	20	16.1	81		32	175

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Surrogate Summary

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1860-19	P001-SS016-01	Tetrachloro-m-xylene	2	20	16.5	83		32	144
		Decachlorobiphenyl	2	20	17.1	86		32	175
Q1860-20MS	P001-SS016-01MS	Tetrachloro-m-xylene	1	20	17.8	89		32	144
		Decachlorobiphenyl	1	20	17.1	86		32	175
		Tetrachloro-m-xylene	2	20	17.0	85		32	144
		Decachlorobiphenyl	2	20	18.8	94		32	175
Q1860-21MSD	P001-SS016-01MSD	Tetrachloro-m-xylene	1	20	16.2	81		32	144
		Decachlorobiphenyl	1	20	14.2	71		32	175
		Tetrachloro-m-xylene	2	20	15.6	78		32	144
		Decachlorobiphenyl	2	20	15.4	77		32	175
Q1860-26	P001-SS020-01	Tetrachloro-m-xylene	1	20	17.8	89		32	144
		Decachlorobiphenyl	1	20	23.8	119		32	175
		Tetrachloro-m-xylene	2	20	17.1	86		32	144
		Decachlorobiphenyl	2	20	22.4	112		32	175
Q1860-27	P001-SS021-01	Tetrachloro-m-xylene	1	20	19.9	99		32	144
		Decachlorobiphenyl	1	20	37.5	187	*	32	175
		Tetrachloro-m-xylene	2	20	18.5	92		32	144
		Decachlorobiphenyl	2	20	38.6	193	*	32	175
Q1860-28	P001-SS022-01	Tetrachloro-m-xylene	1	20	18.4	92		32	144
		Decachlorobiphenyl	1	20	30.9	155		32	175
		Tetrachloro-m-xylene	2	20	17.4	87		32	144
		Decachlorobiphenyl	2	20	30.5	153		32	175
Q1860-29	P001-SS023-01	Tetrachloro-m-xylene	1	20	17.1	86		32	144
		Decachlorobiphenyl	1	20	29.7	149		32	175
		Tetrachloro-m-xylene	2	20	16.1	80		32	144
		Decachlorobiphenyl	2	20	30.4	152		32	175
Q1860-30	P001-SS024-01	Tetrachloro-m-xylene	1	20	19.9	100		32	144
		Decachlorobiphenyl	1	20	13.4	67		32	175
		Tetrachloro-m-xylene	2	20	18.5	92		32	144
		Decachlorobiphenyl	2	20	14.6	73		32	175
I.BLK-PO110739.D	PIBLK-PO110739.D	Tetrachloro-m-xylene	1	20	15.7	79		60	140
		Decachlorobiphenyl	1	20	14.6	73		60	140
		Tetrachloro-m-xylene	2	20	14.7	73		60	140
		Decachlorobiphenyl	2	20	15.2	76		60	140
Q1860-31	P001-SS025-01	Tetrachloro-m-xylene	1	20	19.8	99		32	144
		Decachlorobiphenyl	1	20	50.0	250	*	32	175
		Tetrachloro-m-xylene	2	20	19.3	96		32	144
		Decachlorobiphenyl	2	20	44.4	222	*	32	175
Q1860-32	P001-SS026-01	Tetrachloro-m-xylene	1	20	19.5	97		32	144
		Decachlorobiphenyl	1	20	74.5	373	*	32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144

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Surrogate Summary

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1860-32	P001-SS026-01	Decachlorobiphenyl	2	20	66.3	332	*	32	175
Q1860-34	P001-SS028-01	Tetrachloro-m-xylene	1	20	26.6	133		32	144
		Decachlorobiphenyl	1	20	84.5	423	*	32	175
		Tetrachloro-m-xylene	2	20	26.1	131		32	144
		Decachlorobiphenyl	2	20	71.6	358	*	32	175
Q1860-36	P001-SS030-01	Tetrachloro-m-xylene	1	20	14.7	74		32	144
		Decachlorobiphenyl	1	20	24.3	121		32	175
		Tetrachloro-m-xylene	2	20	14.5	73		32	144
		Decachlorobiphenyl	2	20	14.2	71		32	175
Q1860-37	P001-SS031-01	Tetrachloro-m-xylene	1	20	18.8	94		32	144
		Decachlorobiphenyl	1	20	27.3	137		32	175
		Tetrachloro-m-xylene	2	20	18.9	94		32	144
		Decachlorobiphenyl	2	20	22.9	115		32	175
Q1860-38	P001-SS032-01	Tetrachloro-m-xylene	1	20	20.9	104		32	144
		Decachlorobiphenyl	1	20	24.4	122		32	175
		Tetrachloro-m-xylene	2	20	20.3	102		32	144
		Decachlorobiphenyl	2	20	28.0	140		32	175
Q1860-39	P001-SS033-01	Tetrachloro-m-xylene	1	20	19.1	95		32	144
		Decachlorobiphenyl	1	20	27.2	136		32	175
		Tetrachloro-m-xylene	2	20	18.3	92		32	144
		Decachlorobiphenyl	2	20	30.5	153		32	175
Q1860-40	P001-SS034-01	Tetrachloro-m-xylene	1	20	12.7	64		32	144
		Decachlorobiphenyl	1	20	25.3	127		32	175
		Tetrachloro-m-xylene	2	20	13.7	69		32	144
		Decachlorobiphenyl	2	20	26.8	134		32	175
I.BLK-PO110754.D	PIBLK-PO110754.D	Tetrachloro-m-xylene	1	20	16.4	82		60	140
		Decachlorobiphenyl	1	20	13.0	65		60	140
		Tetrachloro-m-xylene	2	20	15.3	76		60	140
		Decachlorobiphenyl	2	20	14.7	73		60	140
Q1860-41	P001-SS035-01	Tetrachloro-m-xylene	1	20	21.9	109		32	144
		Decachlorobiphenyl	1	20	35.8	179	*	32	175
		Tetrachloro-m-xylene	2	20	20.9	104		32	144
		Decachlorobiphenyl	2	20	36.2	181	*	32	175
I.BLK-PO110769.D	PIBLK-PO110769.D	Tetrachloro-m-xylene	1	20	16.5	83		60	140
		Decachlorobiphenyl	1	20	15.4	77		60	140
		Tetrachloro-m-xylene	2	20	15.5	77		60	140
		Decachlorobiphenyl	2	20	15.7	78		60	140
I.BLK-PO110787.D	PIBLK-PO110787.D	Tetrachloro-m-xylene	1	20	17.9	90		60	140
		Decachlorobiphenyl	1	20	16.0	80		60	140
		Tetrachloro-m-xylene	2	20	16.1	81		60	140
		Decachlorobiphenyl	2	20	16.9	85		60	140

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Surrogate Summary

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1860-19DL	P001-SS016-01DL	Tetrachloro-m-xylene	1	20	15.4	77		32	144
		Decachlorobiphenyl	1	20	14.2	71		32	175
		Tetrachloro-m-xylene	2	20	13.8	69		32	144
		Decachlorobiphenyl	2	20	16.0	80		32	175
Q1860-26DL	P001-SS020-01DL	Tetrachloro-m-xylene	1	20	15.8	79		32	144
		Decachlorobiphenyl	1	20	21.0	105		32	175
		Tetrachloro-m-xylene	2	20	14.0	70		32	144
		Decachlorobiphenyl	2	20	24.0	120		32	175
Q1860-27DL	P001-SS021-01DL	Tetrachloro-m-xylene	1	20	18.8	94		32	144
		Decachlorobiphenyl	1	20	33.4	167		32	175
		Tetrachloro-m-xylene	2	20	17.1	86		32	144
		Decachlorobiphenyl	2	20	38.4	192	*	32	175
Q1860-29DL	P001-SS023-01DL	Tetrachloro-m-xylene	1	20	13.1	66		32	144
		Decachlorobiphenyl	1	20	23.8	119		32	175
		Tetrachloro-m-xylene	2	20	12.2	61		32	144
		Decachlorobiphenyl	2	20	27.8	139		32	175
Q1860-31DL	P001-SS025-01DL	Tetrachloro-m-xylene	1	20	20.4	102		32	144
		Decachlorobiphenyl	1	20	45.0	225	*	32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144
		Decachlorobiphenyl	2	20	48.0	240	*	32	175
Q1860-32DL	P001-SS026-01DL	Tetrachloro-m-xylene	1	20	26.2	131		32	144
		Decachlorobiphenyl	1	20	76.0	380	*	32	175
		Tetrachloro-m-xylene	2	20	20.8	104		32	144
		Decachlorobiphenyl	2	20	83.6	418	*	32	175
Q1860-36DL	P001-SS030-01DL	Tetrachloro-m-xylene	1	20	16.8	84		32	144
		Decachlorobiphenyl	1	20	14.4	72		32	175
		Tetrachloro-m-xylene	2	20	16.0	80		32	144
		Decachlorobiphenyl	2	20	24.4	122		32	175
I.BLK-PO110802.D	PIBLK-PO110802.D	Tetrachloro-m-xylene	1	20	17.8	89		60	140
		Decachlorobiphenyl	1	20	16.3	82		60	140
		Tetrachloro-m-xylene	2	20	16.1	81		60	140
		Decachlorobiphenyl	2	20	16.4	82		60	140
Q1860-38DL	P001-SS032-01DL	Tetrachloro-m-xylene	1	20	17.6	88		32	144
		Decachlorobiphenyl	1	20	23.5	117		32	175
		Tetrachloro-m-xylene	2	20	17.8	89		32	144
		Decachlorobiphenyl	2	20	32.1	160		32	175
Q1860-38DL2	P001-SS032-01DL2	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
Q1860-39DL	P001-SS033-01DL	Tetrachloro-m-xylene	1	20	22.0	110		32	144

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Surrogate Summary

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1860-39DL	P001-SS033-01DL	Decachlorobiphenyl	1	20	36.2	181	*	32	175
		Tetrachloro-m-xylene	2	20	20.4	102		32	144
		Decachlorobiphenyl	2	20	36.0	180	*	32	175
Q1860-40DL	P001-SS034-01DL	Tetrachloro-m-xylene	1	20	20.8	104		32	144
		Decachlorobiphenyl	1	20	37.6	188	*	32	175
		Tetrachloro-m-xylene	2	20	21.6	108		32	144
		Decachlorobiphenyl	2	20	50.8	254	*	32	175
Q1860-41DL	P001-SS035-01DL	Tetrachloro-m-xylene	1	20	23.2	116		32	144
		Decachlorobiphenyl	1	20	39.1	196	*	32	175
		Tetrachloro-m-xylene	2	20	21.6	108		32	144
		Decachlorobiphenyl	2	20	45.8	229	*	32	175
Q1860-41DL2	P001-SS035-01DL2	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
I.BLK-PO110817.D	PIBLK-PO110817.D	Tetrachloro-m-xylene	1	20	17.7	89		60	140
		Decachlorobiphenyl	1	20	15.9	80		60	140
		Tetrachloro-m-xylene	2	20	16.2	81		60	140
		Decachlorobiphenyl	2	20	16.1	80		60	140
Q1860-22	P001-SS017-01	Tetrachloro-m-xylene	1	20	17.3	86		32	144
		Decachlorobiphenyl	1	20	17.6	88		32	175
		Tetrachloro-m-xylene	2	20	17.0	85		32	144
		Decachlorobiphenyl	2	20	18.4	92		32	175
Q1860-23	P001-SS017-02	Tetrachloro-m-xylene	1	20	20.2	101		32	144
		Decachlorobiphenyl	1	20	17.9	89		32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144
		Decachlorobiphenyl	2	20	18.5	93		32	175
Q1860-24	P001-SS018-01	Tetrachloro-m-xylene	1	20	20.9	105		32	144
		Decachlorobiphenyl	1	20	15.7	78		32	175
		Tetrachloro-m-xylene	2	20	19.5	97		32	144
		Decachlorobiphenyl	2	20	16.4	82		32	175
Q1860-25	P001-SS019-01	Tetrachloro-m-xylene	1	20	21.0	105		32	144
		Decachlorobiphenyl	1	20	17.0	85		32	175
		Tetrachloro-m-xylene	2	20	19.3	96		32	144
		Decachlorobiphenyl	2	20	18.3	92		32	175
Q1860-22DL	P001-SS017-01DL	Tetrachloro-m-xylene	1	20	15.6	78		32	144
		Decachlorobiphenyl	1	20	14.3	71		32	175
		Tetrachloro-m-xylene	2	20	13.9	70		32	144
		Decachlorobiphenyl	2	20	15.4	77		32	175
Q1860-23DL	P001-SS017-02DL	Tetrachloro-m-xylene	1	20	17.9	90		32	144
		Decachlorobiphenyl	1	20	15.5	78		32	175

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Surrogate Summary

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1860-23DL	P001-SS017-02DL	Tetrachloro-m-xylene	2	20	16.7	84		32	144
		Decachlorobiphenyl	2	20	17.9	90		32	175
I.BLK-PO110832.D	PIBLK-PO110832.D	Tetrachloro-m-xylene	1	20	17.5	88		60	140
		Decachlorobiphenyl	1	20	16.1	81		60	140
		Tetrachloro-m-xylene	2	20	16.1	80		60	140
		Decachlorobiphenyl	2	20	15.9	80		60	140
Q1860-25DL	P001-SS019-01DL	Tetrachloro-m-xylene	1	20	18.6	93		32	144
		Decachlorobiphenyl	1	20	18.0	90		32	175
		Tetrachloro-m-xylene	2	20	16.5	83		32	144
		Decachlorobiphenyl	2	20	18.6	93		32	175
Q1860-37DL	P001-SS031-01DL	Tetrachloro-m-xylene	1	20	24.8	124		32	144
		Decachlorobiphenyl	1	20	49.4	247	*	32	175
		Tetrachloro-m-xylene	2	20	23.4	117		32	144
		Decachlorobiphenyl	2	20	56.6	283	*	32	175
Q1860-37DL2	P001-SS031-01DL2	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
I.BLK-PO110844.D	PIBLK-PO110844.D	Tetrachloro-m-xylene	1	20	18.0	90		60	140
		Decachlorobiphenyl	1	20	16.5	83		60	140
		Tetrachloro-m-xylene	2	20	16.5	83		60	140
		Decachlorobiphenyl	2	20	17.2	86		60	140
I.BLK-PO110850.D	PIBLK-PO110850.D	Tetrachloro-m-xylene	1	20	18.0	90		60	140
		Decachlorobiphenyl	1	20	16.9	85		60	140
		Tetrachloro-m-xylene	2	20	16.6	83		60	140
		Decachlorobiphenyl	2	20	16.7	84		60	140
Q1860-34DL	P001-SS028-01DL	Tetrachloro-m-xylene	1	20	23.8	119		32	144
		Decachlorobiphenyl	1	20	83.0	415	*	32	175
		Tetrachloro-m-xylene	2	20	20.6	103		32	144
		Decachlorobiphenyl	2	20	86.8	434	*	32	175
I.BLK-PO110865.D	PIBLK-PO110865.D	Tetrachloro-m-xylene	1	20	18.4	92		60	140
		Decachlorobiphenyl	1	20	17.5	88		60	140
		Tetrachloro-m-xylene	2	20	16.9	84		60	140
		Decachlorobiphenyl	2	20	16.9	85		60	140
I.BLK-PP071388.D	PIBLK-PP071388.D	Tetrachloro-m-xylene	1	20	17.1	85		60	140
		Decachlorobiphenyl	1	20	17.6	88		60	140
		Tetrachloro-m-xylene	2	20	17.2	86		60	140
		Decachlorobiphenyl	2	20	17.6	88		60	140
I.BLK-PP071427.D	PIBLK-PP071427.D	Tetrachloro-m-xylene	1	20	14.9	75		60	140
		Decachlorobiphenyl	1	20	16.3	81		60	140
		Tetrachloro-m-xylene	2	20	15.3	77		60	140

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Surrogate Summary

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP071427.D	PIBLK-PP071427.D	Decachlorobiphenyl	2	20	16.7	83		60	140
PB167721BL	PB167721BL	Tetrachloro-m-xylene	1	20	19.1	95		32	144
		Decachlorobiphenyl	1	20	19.5	97		32	175
		Tetrachloro-m-xylene	2	20	18.5	92		32	144
		Decachlorobiphenyl	2	20	19.7	99		32	175
PB167721BS	PB167721BS	Tetrachloro-m-xylene	1	20	18.9	94		32	144
		Decachlorobiphenyl	1	20	19.5	98		32	175
		Tetrachloro-m-xylene	2	20	18.4	92		32	144
		Decachlorobiphenyl	2	20	19.8	99		32	175
Q1860-01	P001-SS001-01	Tetrachloro-m-xylene	1	20	18.6	93		32	144
		Decachlorobiphenyl	1	20	16.5	82		32	175
		Tetrachloro-m-xylene	2	20	18.5	92		32	144
		Decachlorobiphenyl	2	20	16.3	81		32	175
Q1860-02MS	P001-SS001-01MS	Tetrachloro-m-xylene	1	20	16.5	83		32	144
		Decachlorobiphenyl	1	20	15.7	78		32	175
		Tetrachloro-m-xylene	2	20	17.4	87		32	144
		Decachlorobiphenyl	2	20	16.2	81		32	175
Q1860-03MSD	P001-SS001-01MSD	Tetrachloro-m-xylene	1	20	16.6	83		32	144
		Decachlorobiphenyl	1	20	15.3	77		32	175
		Tetrachloro-m-xylene	2	20	17.4	87		32	144
		Decachlorobiphenyl	2	20	16.2	81		32	175
Q1860-04	P001-SS002-01	Tetrachloro-m-xylene	1	20	15.9	80		32	144
		Decachlorobiphenyl	1	20	11.7	59		32	175
		Tetrachloro-m-xylene	2	20	15.8	79		32	144
		Decachlorobiphenyl	2	20	31.6	158		32	175
Q1860-08	P001-SS005-01	Tetrachloro-m-xylene	1	20	16.7	84		32	144
		Decachlorobiphenyl	1	20	14.9	75		32	175
		Tetrachloro-m-xylene	2	20	17.8	89		32	144
		Decachlorobiphenyl	2	20	15.2	76		32	175
Q1860-10	P001-SS007-01	Tetrachloro-m-xylene	1	20	27.3	136		32	144
		Decachlorobiphenyl	1	20	32.3	162		32	175
		Tetrachloro-m-xylene	2	20	23.1	116		32	144
		Decachlorobiphenyl	2	20	42.9	215	*	32	175
Q1860-11	P001-SS008-01	Tetrachloro-m-xylene	1	20	36.9	184	*	32	144
		Decachlorobiphenyl	1	20	40.7	204	*	32	175
		Tetrachloro-m-xylene	2	20	26.8	134		32	144
		Decachlorobiphenyl	2	20	81.3	407	*	32	175
I.BLK-PP071442.D	PIBLK-PP071442.D	Tetrachloro-m-xylene	1	20	15.1	75		60	140
		Decachlorobiphenyl	1	20	16.0	80		60	140
		Tetrachloro-m-xylene	2	20	15.8	79		60	140
		Decachlorobiphenyl	2	20	16.9	85		60	140

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Surrogate Summary

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1860-10DL	P001-SS007-01DL	Tetrachloro-m-xylene	1	20	21.8	109		32	144
		Decachlorobiphenyl	1	20	35.5	178	*	32	175
		Tetrachloro-m-xylene	2	20	19.3	96		32	144
		Decachlorobiphenyl	2	20	34.5	173		32	175
Q1860-11DL	P001-SS008-01DL	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
I.BLK-PP071454.D	PIBLK-PP071454.D	Tetrachloro-m-xylene	1	20	15.3	76		60	140
		Decachlorobiphenyl	1	20	16.3	82		60	140
		Tetrachloro-m-xylene	2	20	15.4	77		60	140
		Decachlorobiphenyl	2	20	17.1	85		60	140
I.BLK-PP071532.D	PIBLK-PP071532.D	Tetrachloro-m-xylene	1	20	16.1	80		60	140
		Decachlorobiphenyl	1	20	16.7	83		60	140
		Tetrachloro-m-xylene	2	20	16.6	83		60	140
		Decachlorobiphenyl	2	20	17.2	86		60	140
PB167737BL	PB167737BL	Tetrachloro-m-xylene	1	20	18.1	91		32	144
		Decachlorobiphenyl	1	20	18.6	93		32	175
		Tetrachloro-m-xylene	2	20	17.5	88		32	144
		Decachlorobiphenyl	2	20	19.2	96		32	175
Q1860-33	P001-SS027-01	Tetrachloro-m-xylene	1	20	17.2	86		32	144
		Decachlorobiphenyl	1	20	15.7	78		32	175
		Tetrachloro-m-xylene	2	20	17.3	87		32	144
		Decachlorobiphenyl	2	20	14.3	72		32	175
Q1860-35	P001-SS029-01	Tetrachloro-m-xylene	1	20	29.7	149	*	32	144
		Decachlorobiphenyl	1	20	28.9	144		32	175
		Tetrachloro-m-xylene	2	20	30.2	151	*	32	144
		Decachlorobiphenyl	2	20	32.8	164		32	175
Q1860-42	P001-SS036-01	Tetrachloro-m-xylene	1	20	13.8	69		32	144
		Decachlorobiphenyl	1	20	16.0	80		32	175
		Tetrachloro-m-xylene	2	20	18.2	91		32	144
		Decachlorobiphenyl	2	20	16.4	82		32	175
I.BLK-PP071546.D	PIBLK-PP071546.D	Tetrachloro-m-xylene	1	20	15.7	79		60	140
		Decachlorobiphenyl	1	20	16.2	81		60	140
		Tetrachloro-m-xylene	2	20	17.9	89		60	140
		Decachlorobiphenyl	2	20	17.2	86		60	140
I.BLK-PP071603.D	PIBLK-PP071603.D	Tetrachloro-m-xylene	1	20	15.9	79		60	140
		Decachlorobiphenyl	1	20	17.3	86		60	140
		Tetrachloro-m-xylene	2	20	18.3	91		60	140
		Decachlorobiphenyl	2	20	18.6	93		60	140
Q1860-35DL	P001-SS029-01DL	Tetrachloro-m-xylene	1	20	23.5	117		32	144

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Surrogate Summary

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1860-35DL	P001-SS029-01DL	Decachlorobiphenyl	1	20	24.9	124		32	175
		Tetrachloro-m-xylene	2	20	26.7	134		32	144
		Decachlorobiphenyl	2	20	33.0	165		32	175
I.BLK-PP071618.D	PIBLK-PP071618.D	Tetrachloro-m-xylene	1	20	16.0	80		60	140
		Decachlorobiphenyl	1	20	18.0	90		60	140
		Tetrachloro-m-xylene	2	20	17.3	86		60	140
		Decachlorobiphenyl	2	20	19.3	96		60	140
I.BLK-PP071639.D	PIBLK-PP071639.D	Tetrachloro-m-xylene	1	20	16.2	81		60	140
		Decachlorobiphenyl	1	20	17.4	87		60	140
		Tetrachloro-m-xylene	2	20	16.4	82		60	140
		Decachlorobiphenyl	2	20	17.6	88		60	140
Q1860-09	P001-SS006-01	Tetrachloro-m-xylene	1	20	20.7	104		32	144
		Decachlorobiphenyl	1	20	20.0	100		32	175
		Tetrachloro-m-xylene	2	20	21.8	109		32	144
		Decachlorobiphenyl	2	20	20.4	102		32	175
Q1860-09DL	P001-SS006-01DL	Tetrachloro-m-xylene	1	20	15.4	77		32	144
		Decachlorobiphenyl	1	20	16.3	81		32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144
		Decachlorobiphenyl	2	20	16.4	82		32	175
I.BLK-PP071654.D	PIBLK-PP071654.D	Tetrachloro-m-xylene	1	20	15.9	80		60	140
		Decachlorobiphenyl	1	20	17.1	85		60	140
		Tetrachloro-m-xylene	2	20	16.7	83		60	140
		Decachlorobiphenyl	2	20	18.4	92		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A **DataFile :** PO110728.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**P001-SS016-01MS**											
Q1860-20MS	AR1016	200.3	0	1300	ug/kg	649	*			55	146	
	AR1260	200.3	0	633	ug/kg	316	*			31	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A **DataFile :** PO110729.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**P001-SS016-01MSD**											
Q1860-21MSD	AR1016	200.5	0	1400	ug/kg	698	*	7		55	146	20
	AR1260	200.5	0	643	ug/kg	321	*	2		31	146	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A **DataFile :** PP071431.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**P001-SS001-01MS**											
Q1860-02MS	AR1016	192	0	185	ug/kg	96				55	146	
	AR1260	192	58.6	197	ug/kg	72				31	146	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A **DataFile :** PP071432.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**P001-SS001-01MSD**											
Q1860-03MSD	AR1016	191.9	0	185	ug/kg	96		0		55	146	20
	AR1260	191.9	58.6	197	ug/kg	72		0		31	146	20

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A **Datafile :** PO110726.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167737BS	AR1016	166.6	155	ug/kg	93				71	120	
	AR1260	166.6	148	ug/kg	89				65	130	

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1860

Client: Weston Solutions, Inc.

Analytical Method: 8082A **Datafile :** PP071429.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167721BS	AR1016	166.5	140	ug/kg	84				71	120	
	AR1260	166.5	139	ug/kg	83				65	130	

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Fax : 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167721BL

Lab Name: CHEMTECH Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: PB167721BL Lab File ID: PP071428.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 04/24/2025

Date Analyzed (1): 04/24/2025 Date Analyzed (2): 04/24/2025

Time Analyzed (1): 12:58 Time Analyzed (2): 12:58

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
P001-SS002-02	Q1860-05	PO110678.D	04/24/2025	04/24/2025
P001-SS003-01	Q1860-06	PO110679.D	04/24/2025	04/24/2025
P001-SS004-01	Q1860-07	PO110680.D	04/24/2025	04/24/2025
P001-SS009-01	Q1860-12	PO110681.D	04/24/2025	04/24/2025
P001-SS011-01	Q1860-14	PO110683.D	04/24/2025	04/24/2025
P001-SS012-01	Q1860-15	PO110684.D	04/24/2025	04/24/2025
P001-SS013-01	Q1860-16	PO110685.D	04/24/2025	04/24/2025
P001-SS014-01	Q1860-17	PO110686.D	04/24/2025	04/24/2025
P001-SS015-01	Q1860-18	PO110687.D	04/24/2025	04/24/2025
P001-SS010-01	Q1860-13	PO110708.D	04/25/2025	04/25/2025
P001-SS017-01	Q1860-22	PO110821.D	04/28/2025	04/28/2025
P001-SS017-02	Q1860-23	PO110822.D	04/28/2025	04/28/2025
P001-SS018-01	Q1860-24	PO110823.D	04/28/2025	04/28/2025
P001-SS019-01	Q1860-25	PO110824.D	04/28/2025	04/28/2025
PB167721BS	PB167721BS	PP071429.D	04/24/2025	04/24/2025
P001-SS001-01	Q1860-01	PP071430.D	04/24/2025	04/24/2025
P001-SS001-01MS	Q1860-02MS	PP071431.D	04/24/2025	04/24/2025
P001-SS001-01MSD	Q1860-03MSD	PP071432.D	04/24/2025	04/24/2025
P001-SS002-01	Q1860-04	PP071433.D	04/24/2025	04/24/2025
P001-SS005-01	Q1860-08	PP071434.D	04/24/2025	04/24/2025
P001-SS007-01	Q1860-10	PP071436.D	04/24/2025	04/24/2025
P001-SS008-01	Q1860-11	PP071437.D	04/24/2025	04/24/2025

COMMENTS:

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167721BL

Lab Name: CHEMTECH Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: PB167721BL Lab File ID: PP071428.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 04/24/2025

Date Analyzed (1): 04/24/2025 Date Analyzed (2): 04/24/2025

Time Analyzed (1): 12:58 Time Analyzed (2): 12:58

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
P001-SS006-01	Q1860-09	PP071645.D	04/30/2025	04/30/2025

COMMENTS:

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Fax : 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167737BL

Lab Name: CHEMTECH Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: PB167737BL Lab File ID: PP071533.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 04/25/2025

Date Analyzed (1): 04/28/2025 Date Analyzed (2): 04/28/2025

Time Analyzed (1): 09:53 Time Analyzed (2): 09:53

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167737BS	PB167737BS	PO110726.D	04/25/2025	04/25/2025
P001-SS016-01	Q1860-19	PO110727.D	04/25/2025	04/25/2025
P001-SS016-01MS	Q1860-20MS	PO110728.D	04/25/2025	04/25/2025
P001-SS016-01MSD	Q1860-21MSD	PO110729.D	04/25/2025	04/25/2025
P001-SS020-01	Q1860-26	PO110730.D	04/25/2025	04/25/2025
P001-SS021-01	Q1860-27	PO110731.D	04/25/2025	04/25/2025
P001-SS022-01	Q1860-28	PO110732.D	04/25/2025	04/25/2025
P001-SS023-01	Q1860-29	PO110733.D	04/25/2025	04/25/2025
P001-SS024-01	Q1860-30	PO110734.D	04/25/2025	04/25/2025
P001-SS025-01	Q1860-31	PO110740.D	04/25/2025	04/25/2025
P001-SS026-01	Q1860-32	PO110741.D	04/25/2025	04/25/2025
P001-SS028-01	Q1860-34	PO110743.D	04/25/2025	04/25/2025
P001-SS030-01	Q1860-36	PO110745.D	04/25/2025	04/25/2025
P001-SS031-01	Q1860-37	PO110746.D	04/25/2025	04/25/2025
P001-SS032-01	Q1860-38	PO110747.D	04/25/2025	04/25/2025
P001-SS033-01	Q1860-39	PO110748.D	04/25/2025	04/25/2025
P001-SS034-01	Q1860-40	PO110749.D	04/25/2025	04/25/2025
P001-SS035-01	Q1860-41	PO110758.D	04/26/2025	04/26/2025
P001-SS027-01	Q1860-33	PP071536.D	04/28/2025	04/28/2025
P001-SS029-01	Q1860-35	PP071537.D	04/28/2025	04/28/2025
P001-SS036-01	Q1860-42	PP071539.D	04/28/2025	04/28/2025

COMMENTS:



SAMPLE DATA

Raw Data: **PP071430.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS001-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.7 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071430.D	1	04/24/25 08:32	04/24/25 13:30	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.6	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.6	ug/kg
11096-82-5	Aroclor-1260	58.6		3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		32 - 175	82%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP071430.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:30
Operator : YP\AJ
Sample : Q1860-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:23:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.811	36845746	26014333	18.584	18.468
2)	SA Decachlor...	10.230	8.844	23850852	14285262	16.471	16.288
	Target Compounds						
31)	L7 AR-1260-1	7.258	6.383	11491477	9977094	119.672m	137.997
32)	L7 AR-1260-2	7.513	6.570	30481737	14792706	213.044m	169.134
33)	L7 AR-1260-3	7.872	6.722	10721511	11744269	95.639	149.823 #
34)	L7 AR-1260-4	8.082	7.194	27764970	5680252	246.002m	90.005 #
35)	L7 AR-1260-5	8.415	7.435	20315260	12738049	89.663m	84.483

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP071430.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:30
Operator : YP\AJ
Sample : Q1860-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

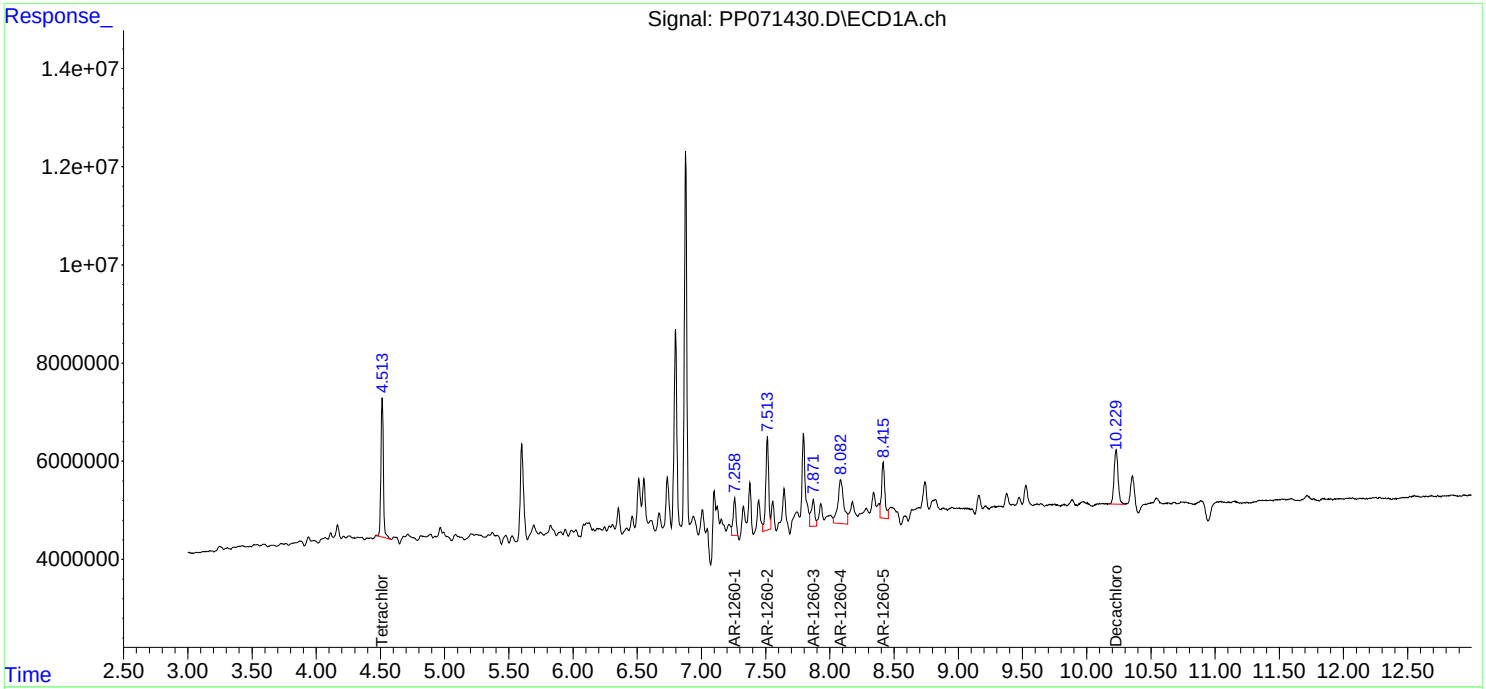
Instrument :
ECD_P
ClientSampleId :
P001-SS001-01

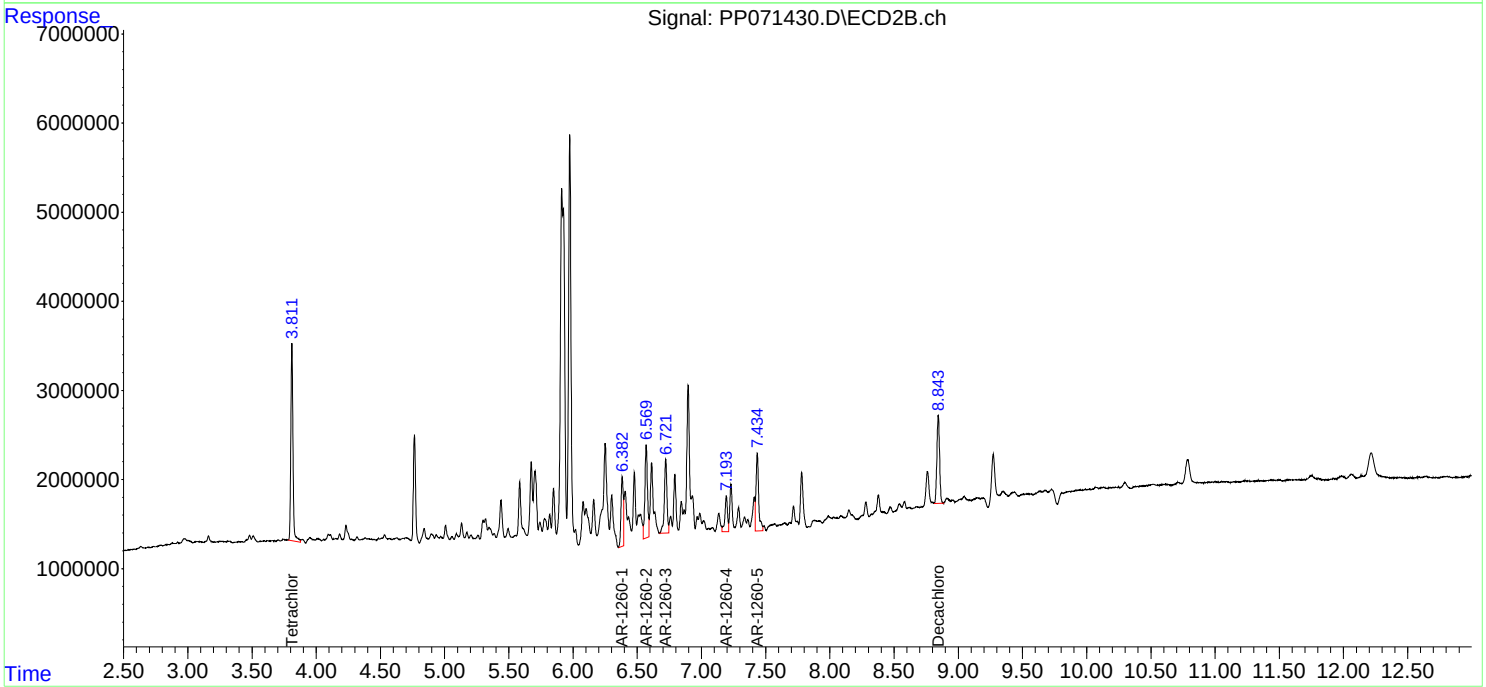
Manual Integrations APPROVED

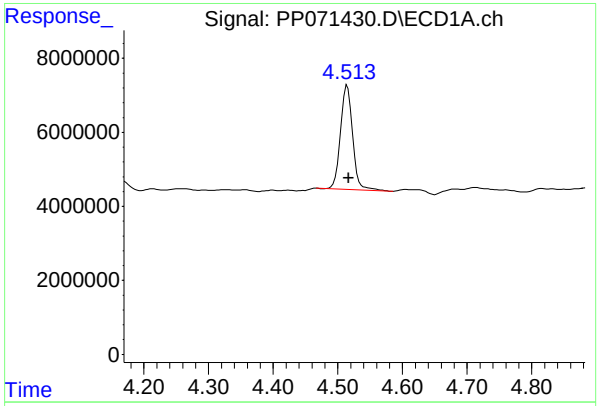
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:23:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







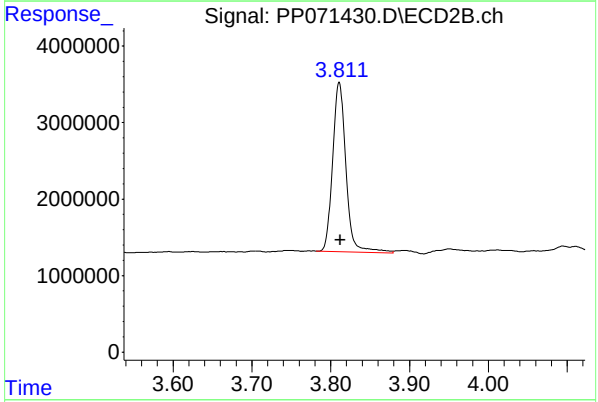
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 36845746
Conc: 18.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01

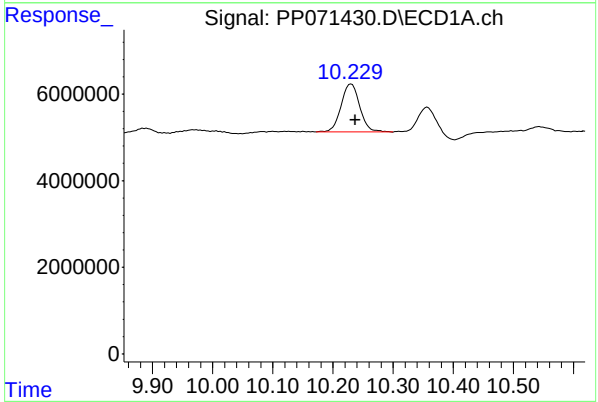
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



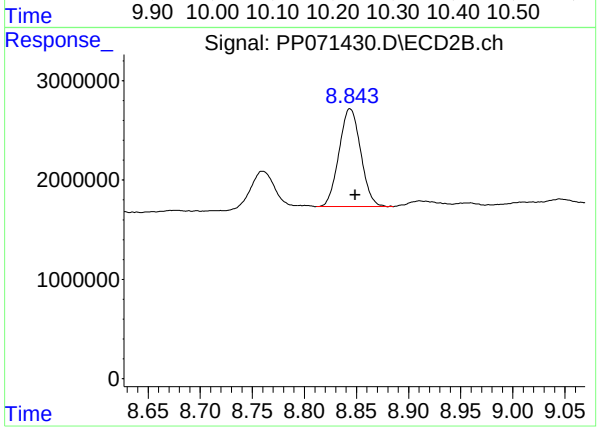
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: -0.001 min
Response: 26014333
Conc: 18.47 ng/ml



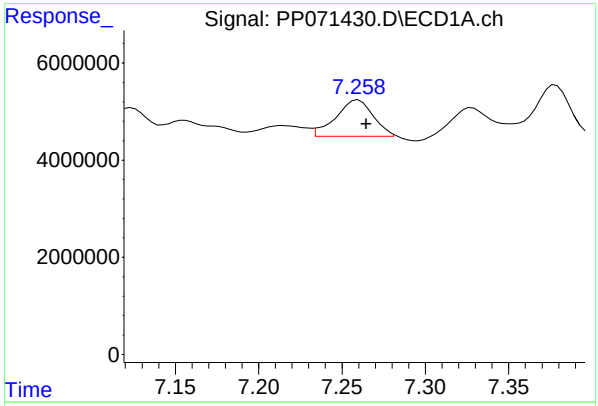
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: -0.007 min
Response: 23850852
Conc: 16.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.844 min
Delta R.T.: -0.005 min
Response: 14285262
Conc: 16.29 ng/ml



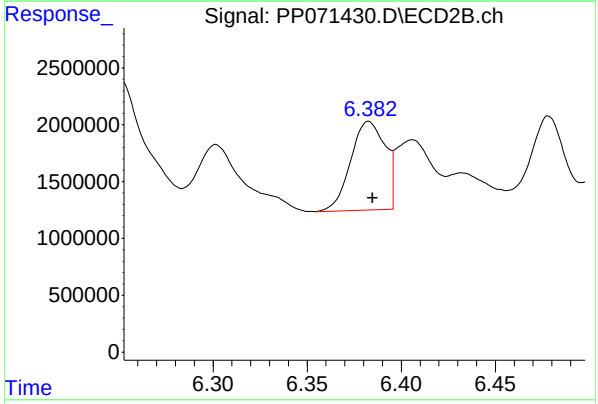
#31 AR-1260-1

R.T.: 7.258 min
Delta R.T.: -0.006 mi
Response: 11491477
Conc: 119.67 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01

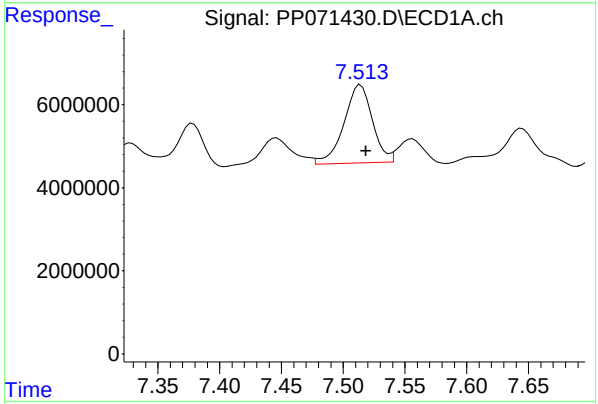
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



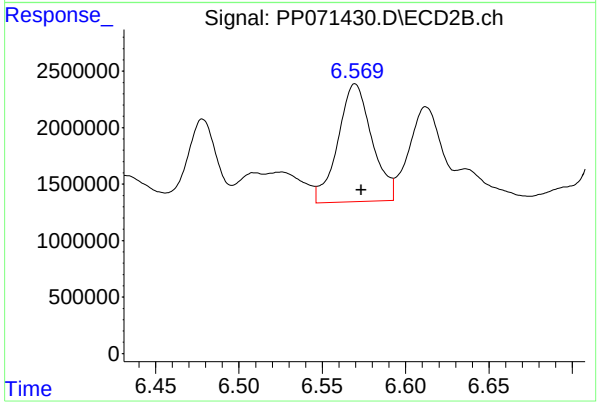
#31 AR-1260-1

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 9977094
Conc: 138.00 ng/ml



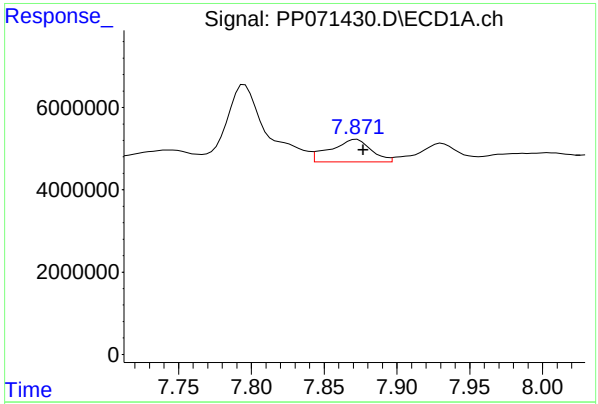
#32 AR-1260-2

R.T.: 7.513 min
Delta R.T.: -0.006 min
Response: 30481737
Conc: 213.04 ng/ml m



#32 AR-1260-2

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 14792706
Conc: 169.13 ng/ml



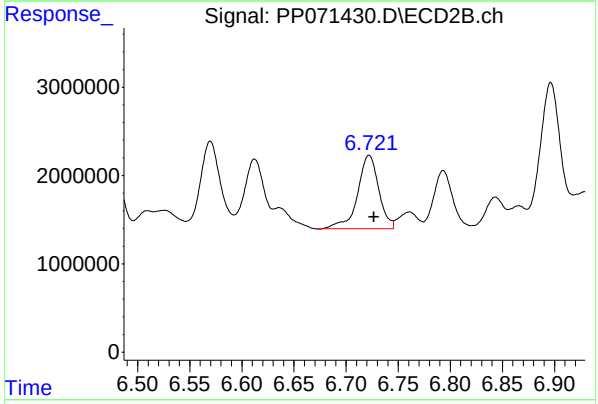
#33 AR-1260-3

R.T.: 7.872 min
Delta R.T.: -0.005 mi
Response: 10721511
Conc: 95.64 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01

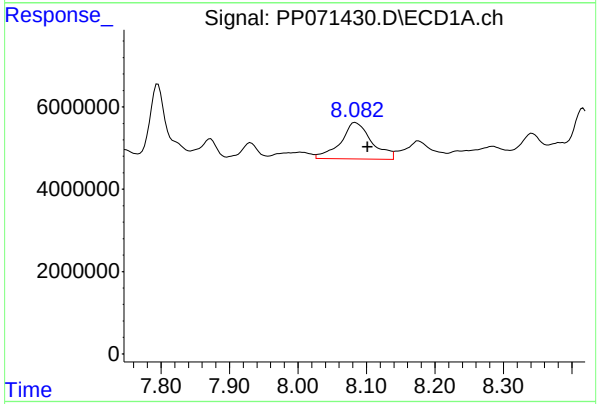
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



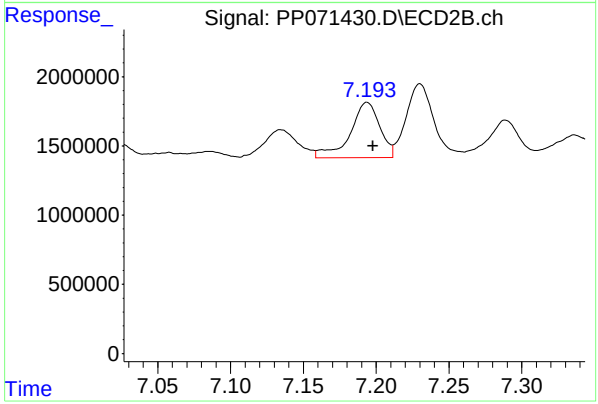
#33 AR-1260-3

R.T.: 6.722 min
Delta R.T.: -0.005 min
Response: 11744269
Conc: 149.82 ng/ml



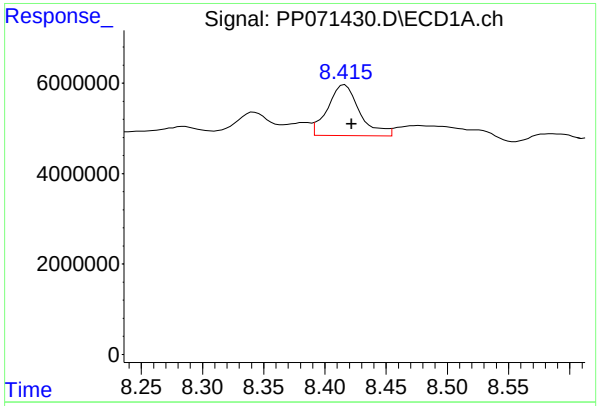
#34 AR-1260-4

R.T.: 8.082 min
Delta R.T.: -0.019 min
Response: 27764970
Conc: 246.00 ng/ml m



#34 AR-1260-4

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 5680252
Conc: 90.00 ng/ml



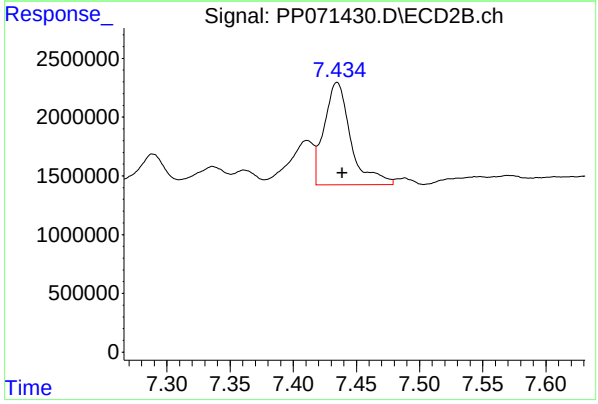
#35 AR-1260-5

R.T.: 8.415 min
Delta R.T.: -0.007 min
Response: 20315260
Conc: 89.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



#35 AR-1260-5

R.T.: 7.435 min
Delta R.T.: -0.004 min
Response: 12738049
Conc: 84.48 ng/ml

Raw Data: **PP071433.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS002-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	81.8 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071433.D	1	04/24/25 08:32	04/24/25 14:19	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.8	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.8	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.8	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.8	ug/kg
12672-29-6	Aroclor-1248	7.20	U	7.20	20.8	ug/kg
11097-69-1	Aroclor-1254	200		3.90	20.8	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.8	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.8	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.9		32 - 144	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	31.6		32 - 175	158%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP071433.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:19
Operator : YP\AJ
Sample : Q1860-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS002-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:24:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.811	31540488	22313127	15.908	15.840
2)	SA Decachlor...	10.231	8.839	16986044	27700817	11.731	31.584m#
	Target Compounds						
26)	L6 AR-1254-1	6.517	5.700	34337021	31076966	418.994	340.009
27)	L6 AR-1254-2	6.734	5.848	51542648	26390167	405.604	335.274
28)	L6 AR-1254-3	7.098	6.251	54328135	50306761	425.187	424.500
29)	L6 AR-1254-4	7.380	6.479	44753571	25503392	380.838	330.502
30)	L6 AR-1254-5	7.797	6.897	89396800	69542710	829.820	685.368

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP071433.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:19
Operator : YP\AJ
Sample : Q1860-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

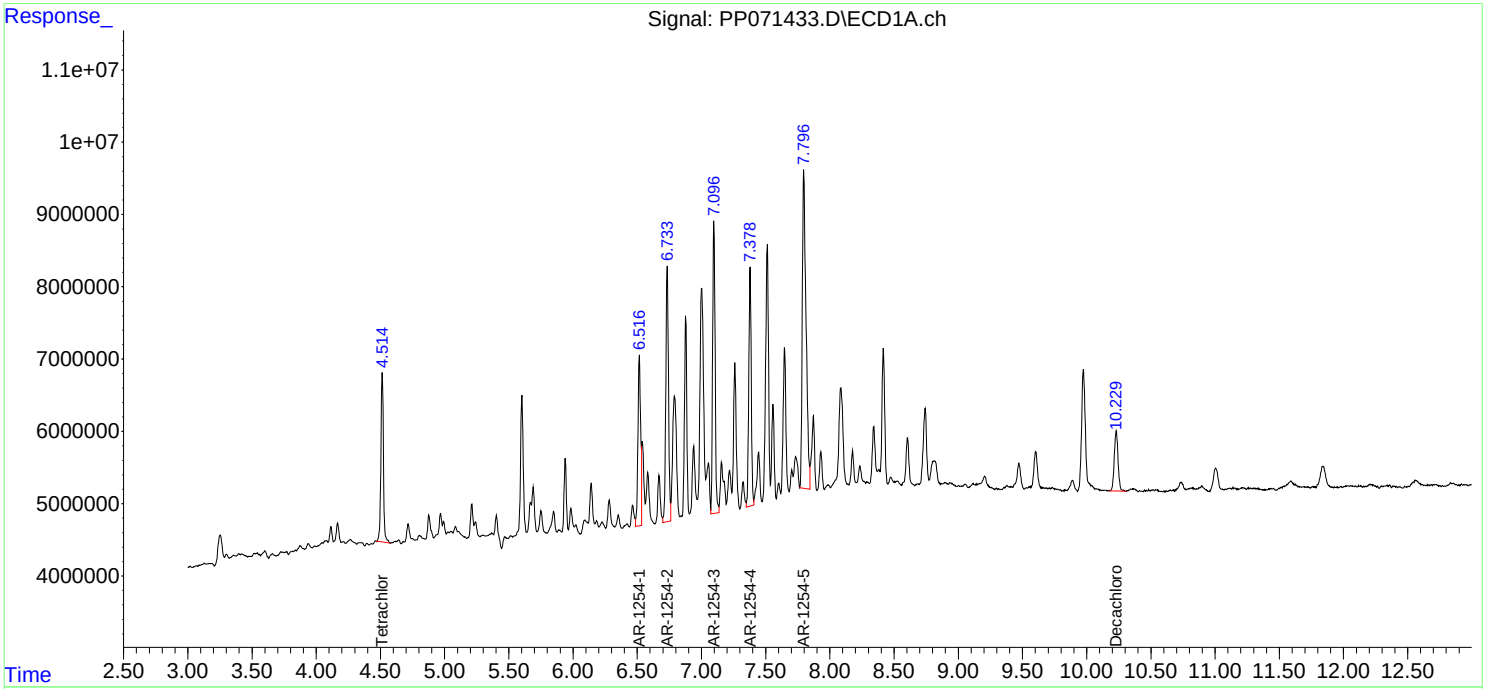
Instrument :
ECD_P
ClientSampleId :
P001-SS002-01

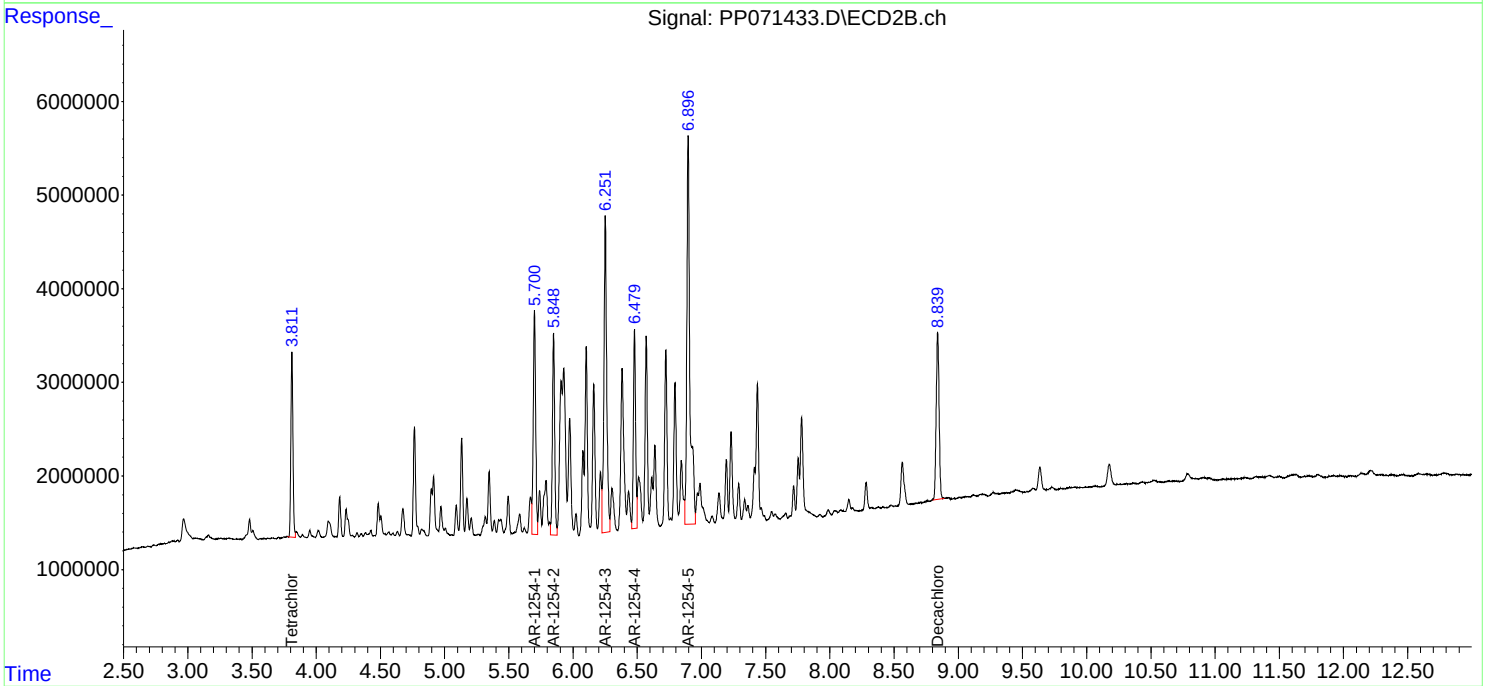
Manual Integrations APPROVED

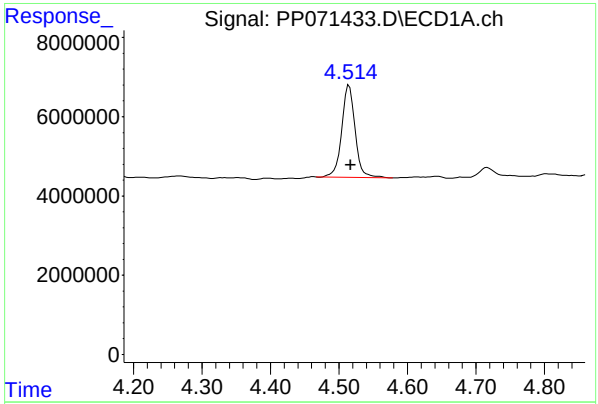
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:24:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







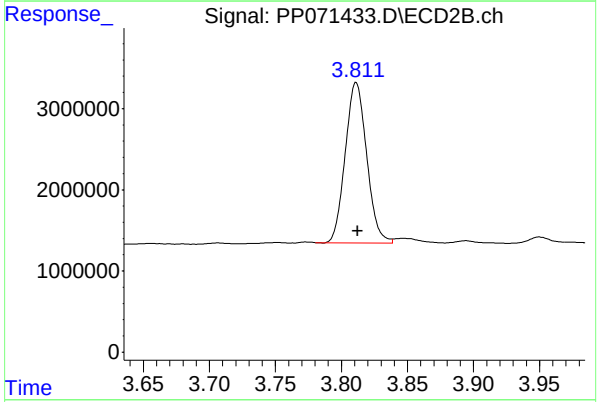
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: -0.002 mi
Response: 31540488
Conc: 15.91 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS002-01

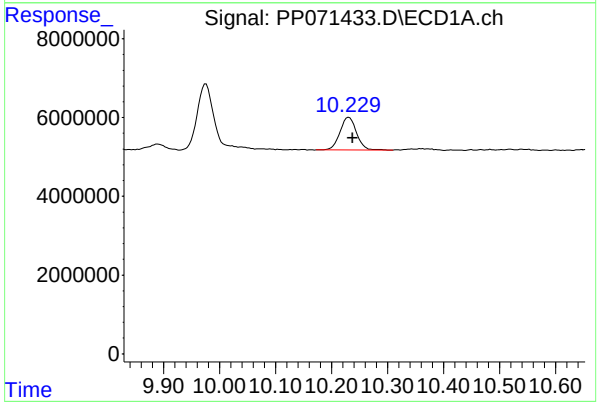
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



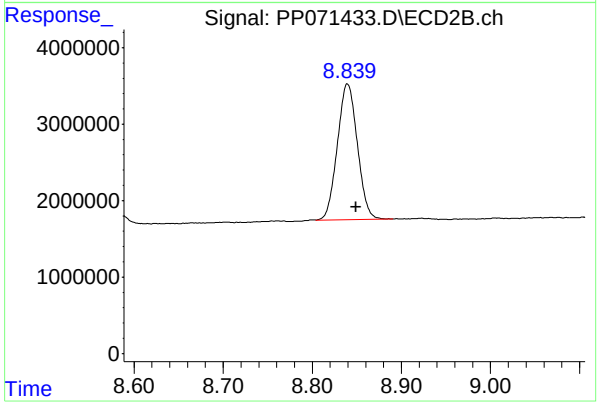
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: -0.001 min
Response: 22313127
Conc: 15.84 ng/ml



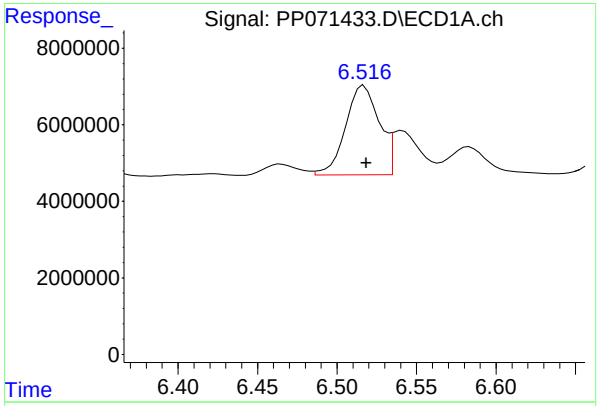
#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: -0.007 min
Response: 16986044
Conc: 11.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.839 min
Delta R.T.: -0.010 min
Response: 27700817
Conc: 31.58 ng/ml m



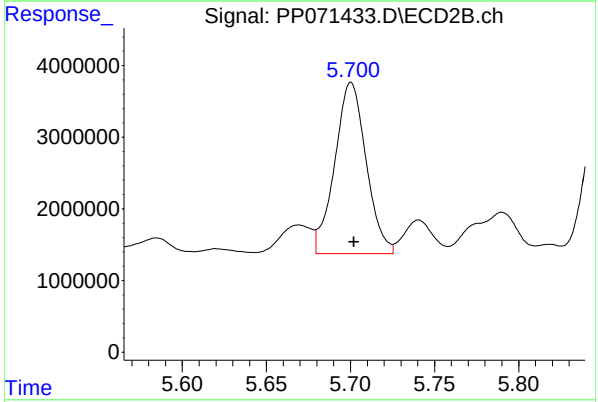
#26 AR-1254-1

R.T.: 6.517 min
Delta R.T.: -0.001 min
Response: 34337021
Conc: 418.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS002-01

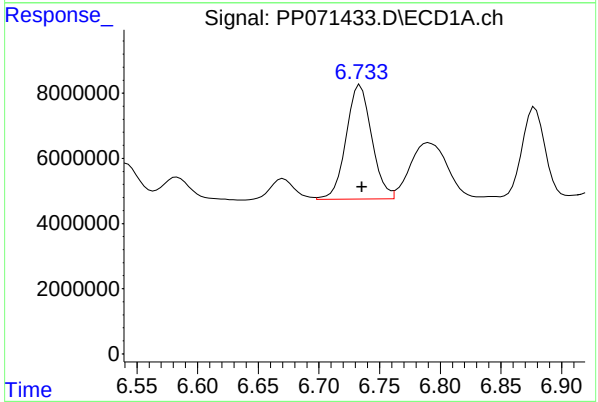
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



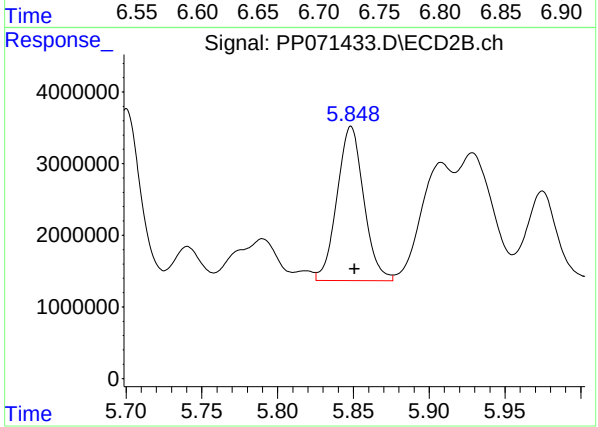
#26 AR-1254-1

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 31076966
Conc: 340.01 ng/ml



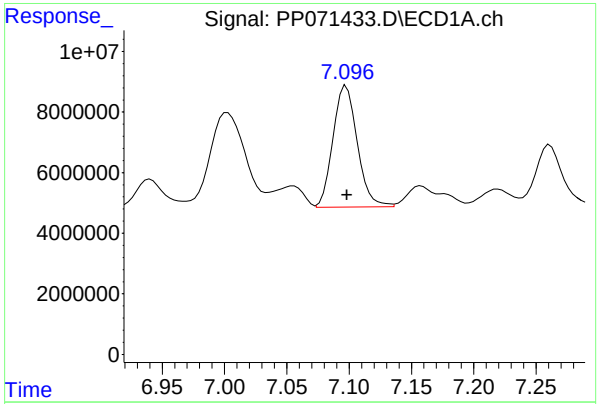
#27 AR-1254-2

R.T.: 6.734 min
Delta R.T.: -0.001 min
Response: 51542648
Conc: 405.60 ng/ml



#27 AR-1254-2

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 26390167
Conc: 335.27 ng/ml



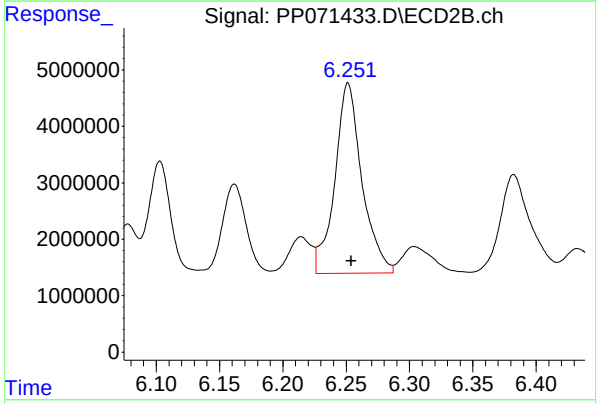
#28 AR-1254-3

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 54328135
Conc: 425.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS002-01

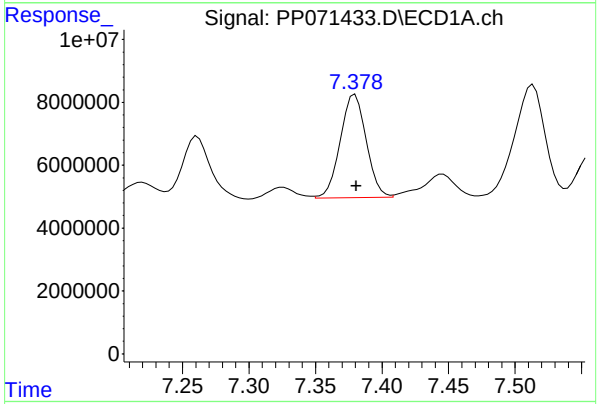
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



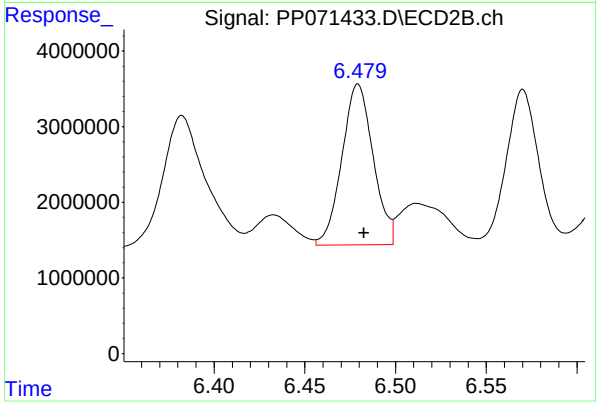
#28 AR-1254-3

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 50306761
Conc: 424.50 ng/ml



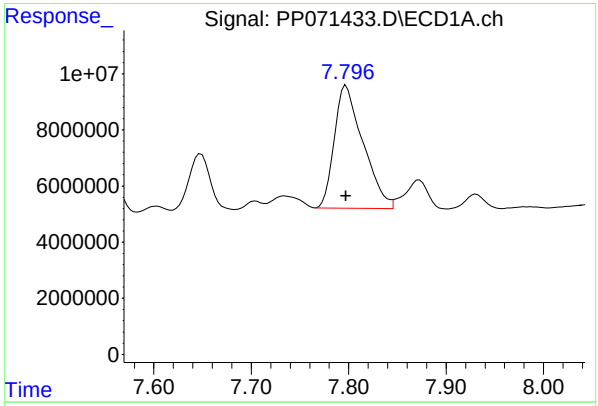
#29 AR-1254-4

R.T.: 7.380 min
Delta R.T.: -0.001 min
Response: 44753571
Conc: 380.84 ng/ml



#29 AR-1254-4

R.T.: 6.479 min
Delta R.T.: -0.003 min
Response: 25503392
Conc: 330.50 ng/ml



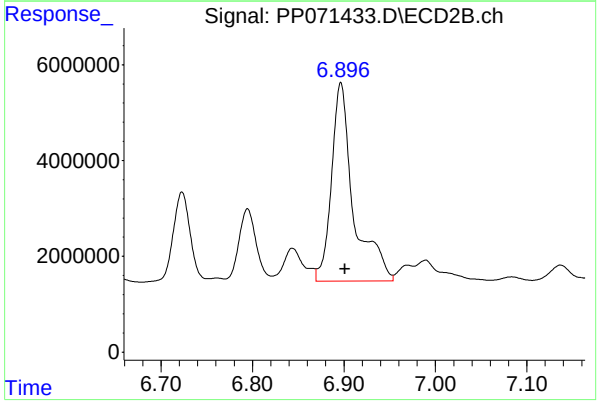
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 89396800
Conc: 829.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS002-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



#30 AR-1254-5

R.T.: 6.897 min
Delta R.T.: -0.004 min
Response: 69542710
Conc: 685.37 ng/ml

Raw Data: **PO110678.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS002-02	SDG No.:	Q1860
Lab Sample ID:	Q1860-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84.1 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110678.D	1	04/24/25 08:32	04/24/25 13:01	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.2	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.2	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.2	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.2	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.2	ug/kg
11097-69-1	Aroclor-1254	302		3.80	20.2	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.2	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.2	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		32 - 175	109%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110678.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110678.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:01
Operator : YP/AJ
Sample : Q1860-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS002-02

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:25:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.682	159.1E6	84145389	18.184	16.864
2)	SA Decachlor...	8.720	8.672	158.5E6	41980637	20.078	21.808m
	Target Compounds						
26)	L6 AR-1254-1	5.584	5.562	345.8E6	179.1E6	619.681	593.953
27)	L6 AR-1254-2	5.732	5.710	331.3E6	171.2E6	682.082	646.724
28)	L6 AR-1254-3	6.137	6.112	602.7E6	306.4E6	769.542	759.419
29)	L6 AR-1254-4	6.367	6.339	310.8E6	146.8E6	637.318	638.971
30)	L6 AR-1254-5	6.785	6.756	716.1E6	387.6E6	1021.647m	1166.421

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110678.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:01
Operator : YP/AJ
Sample : Q1860-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

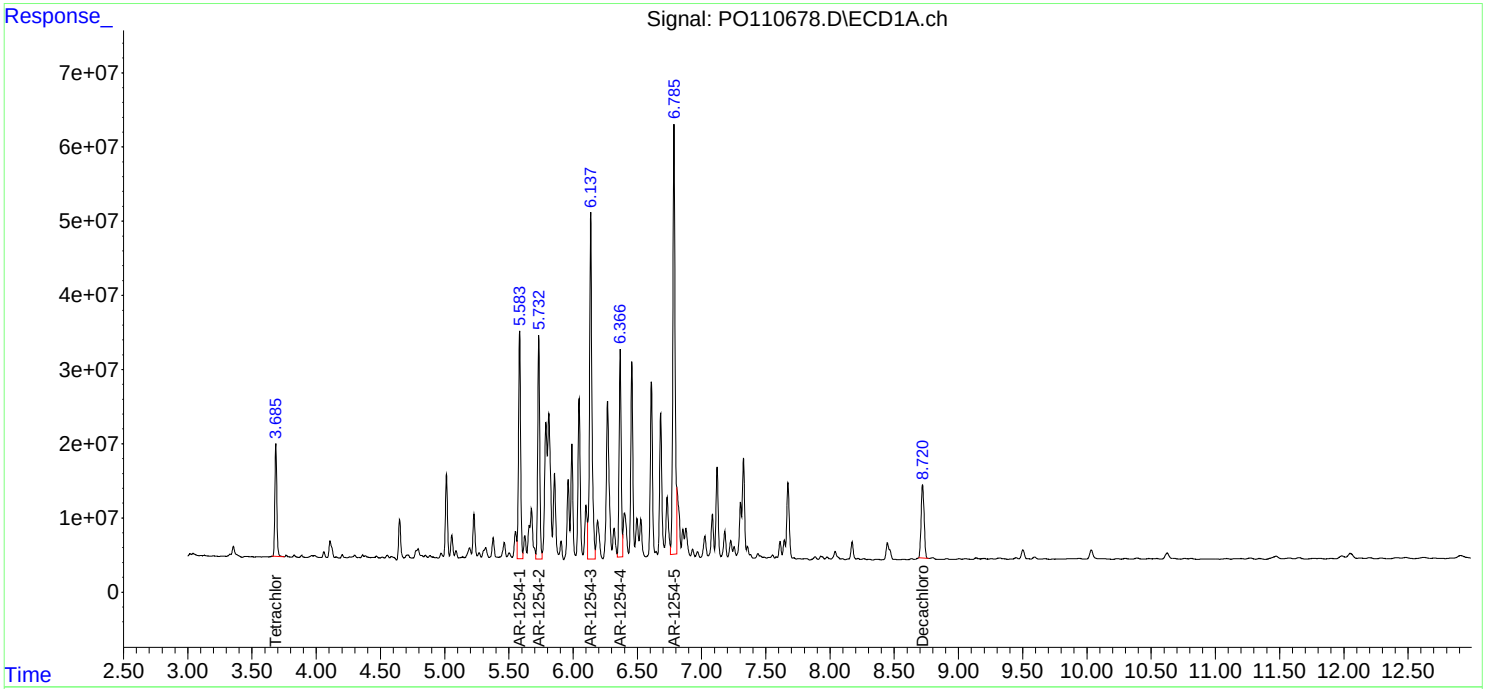
Instrument :
ECD_O
ClientSampleId :
P001-SS002-02

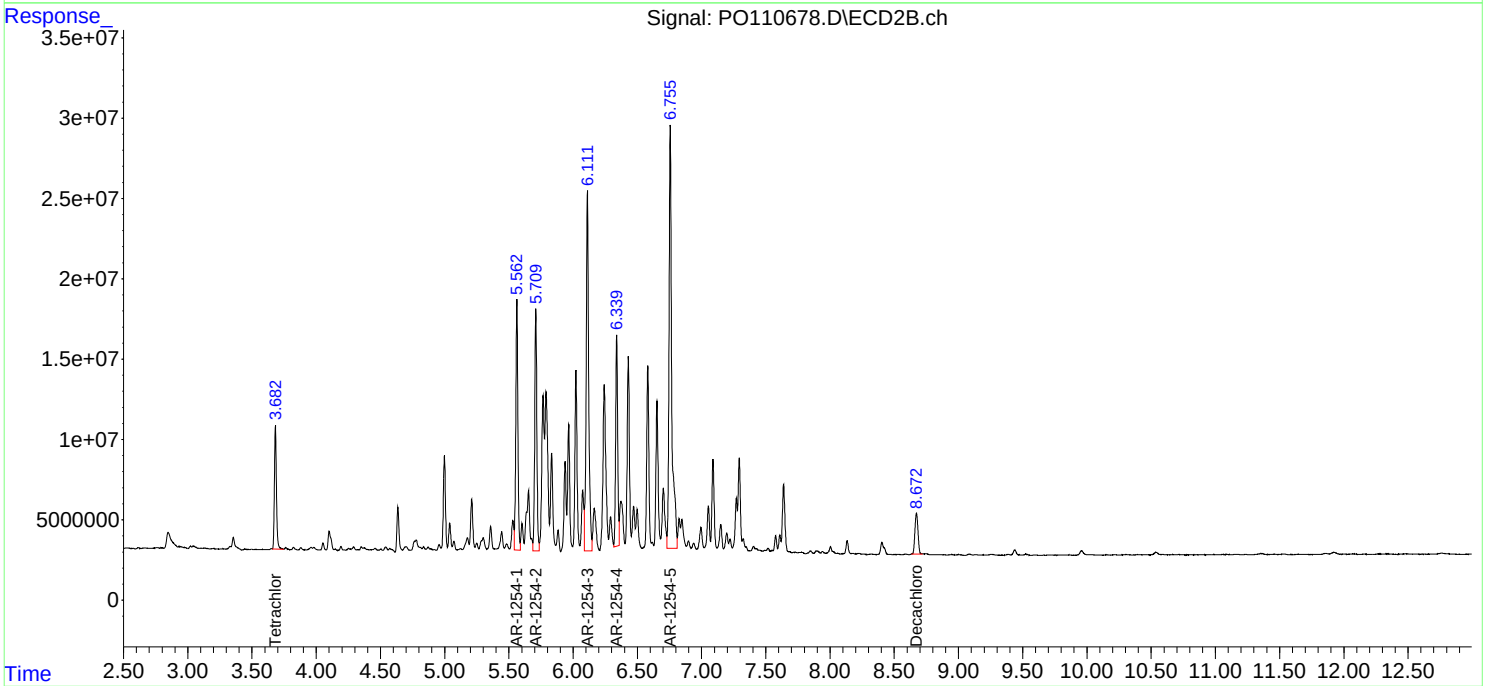
Manual Integrations APPROVED

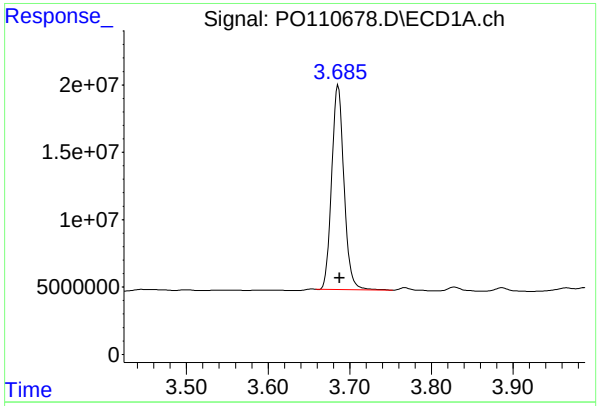
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:25:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







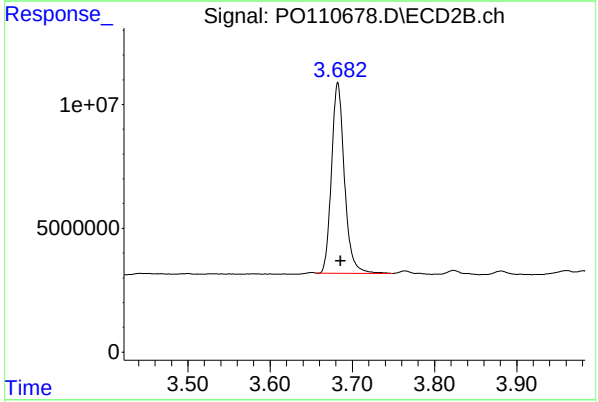
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 159095664
Conc: 18.18 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS002-02

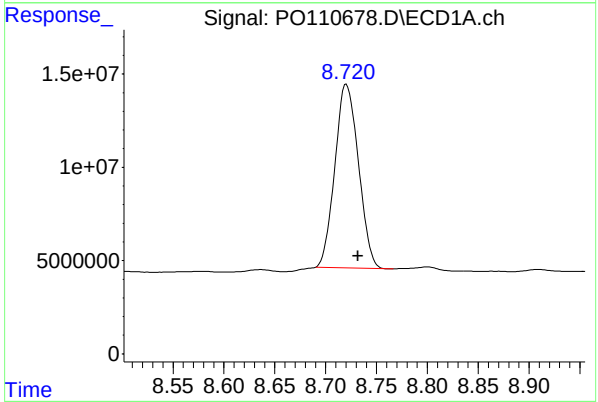
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



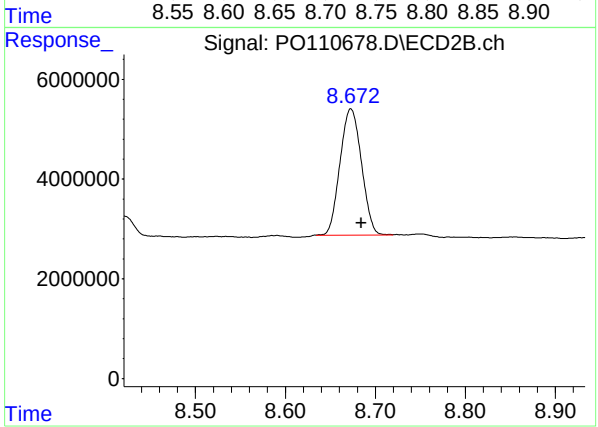
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.003 min
Response: 84145389
Conc: 16.86 ng/ml



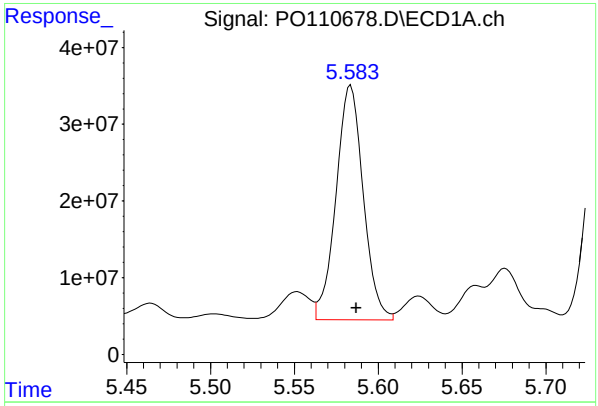
#2 Decachlorobiphenyl

R.T.: 8.720 min
Delta R.T.: -0.011 min
Response: 158514221
Conc: 20.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.672 min
Delta R.T.: -0.012 min
Response: 41980637
Conc: 21.81 ng/ml m



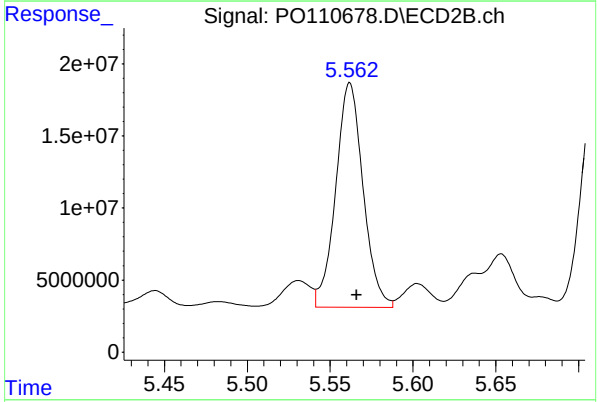
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 345775042
Conc: 619.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS002-02

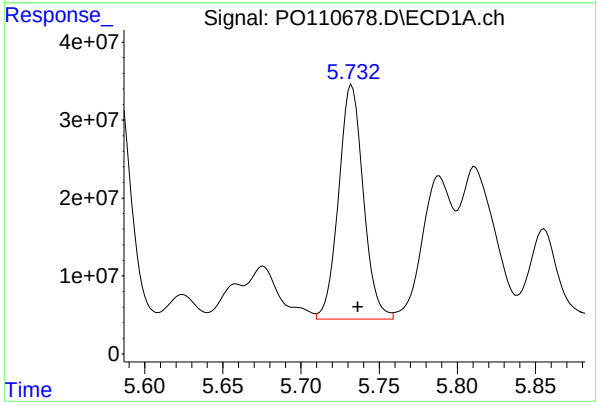
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



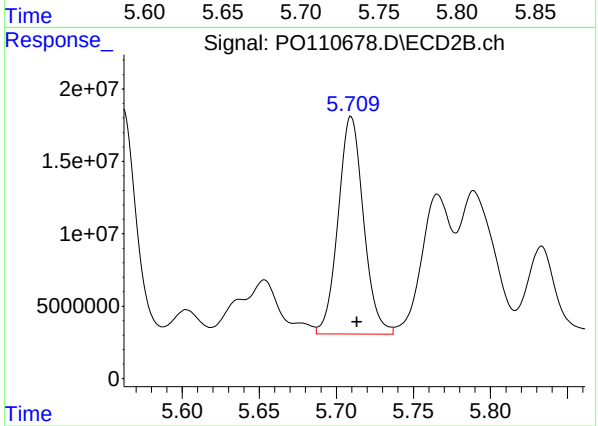
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 179076210
Conc: 593.95 ng/ml



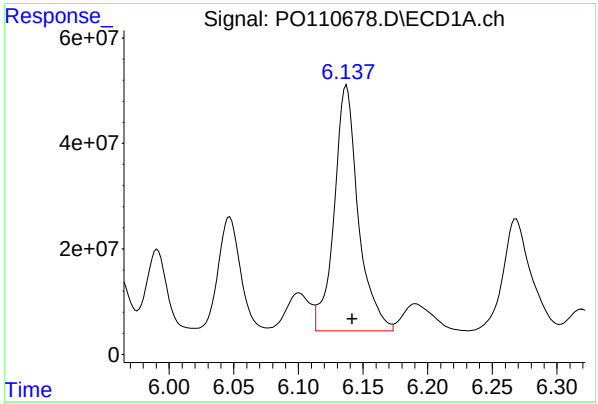
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 331289013
Conc: 682.08 ng/ml



#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 171178325
Conc: 646.72 ng/ml



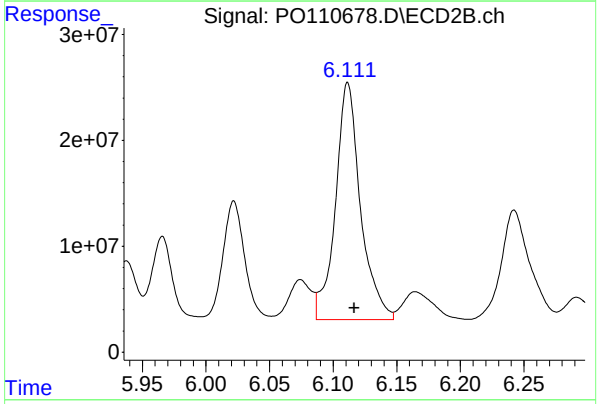
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 602721719
Conc: 769.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS002-02

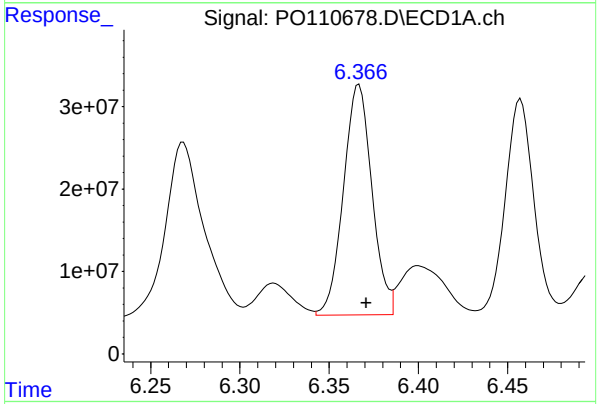
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



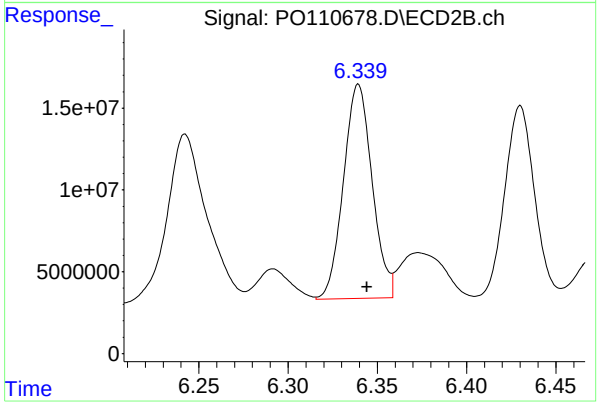
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 306361734
Conc: 759.42 ng/ml



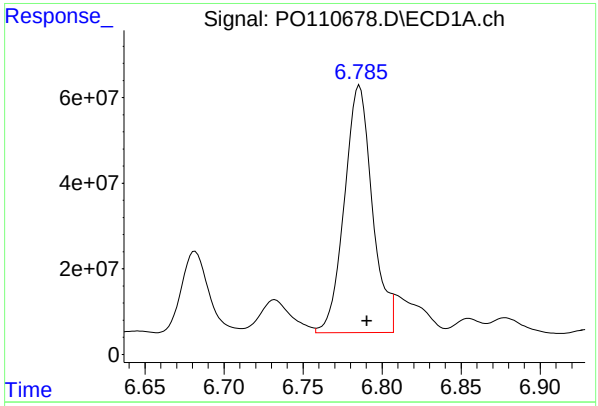
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 310759666
Conc: 637.32 ng/ml



#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 146779945
Conc: 638.97 ng/ml



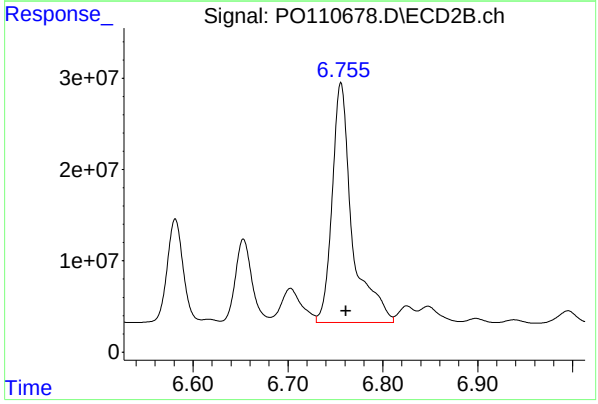
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 716071964
Conc: 1021.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS002-02

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 387592078
Conc: 1166.42 ng/ml

Raw Data: **PO110679.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS003-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.6 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110679.D	1	04/24/25 08:32	04/24/25 13:19	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.4	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.4	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.4	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.4	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.4	ug/kg
11097-69-1	Aroclor-1254	154		3.70	19.4	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.4	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.4	ug/kg
11096-82-5	Aroclor-1260	126		3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.0		32 - 175	75%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110679.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:19
Operator : YP/AJ
Sample : Q1860-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS003-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:25:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.686	3.683	178.7E6	93953936	20.423	18.829	
2)	SA Decachlor...	8.729	8.679	110.4E6	28808798	13.982	14.966	
	Target Compounds							
26)	L6 AR-1254-1	5.584	5.562	159.9E6	87672618	286.497	290.789	
27)	L6 AR-1254-2	5.733	5.710	157.8E6	85170765	324.956	321.781	
28)	L6 AR-1254-3	6.138	6.112	326.7E6	177.8E6	417.127	440.739	
29)	L6 AR-1254-4	6.367	6.340	174.1E6	85687929	356.958	373.022	
30)	L6 AR-1254-5	6.786	6.756	403.4E6	197.9E6	575.578	595.628	
31)	L7 AR-1260-1	6.269	6.243	200.6E6	103.0E6	424.523	418.593	
32)	L7 AR-1260-2	6.458	6.430	200.3E6	96899818	341.639	332.132	
33)	L7 AR-1260-3	6.824	6.582	115.1E6	92261024	233.536	340.592	#
34)	L7 AR-1260-4	7.085	7.053	94159803	43585166	221.854	217.231	
35)	L7 AR-1260-5	7.328	7.294	226.1E6	160.2E6	216.704	349.124	#

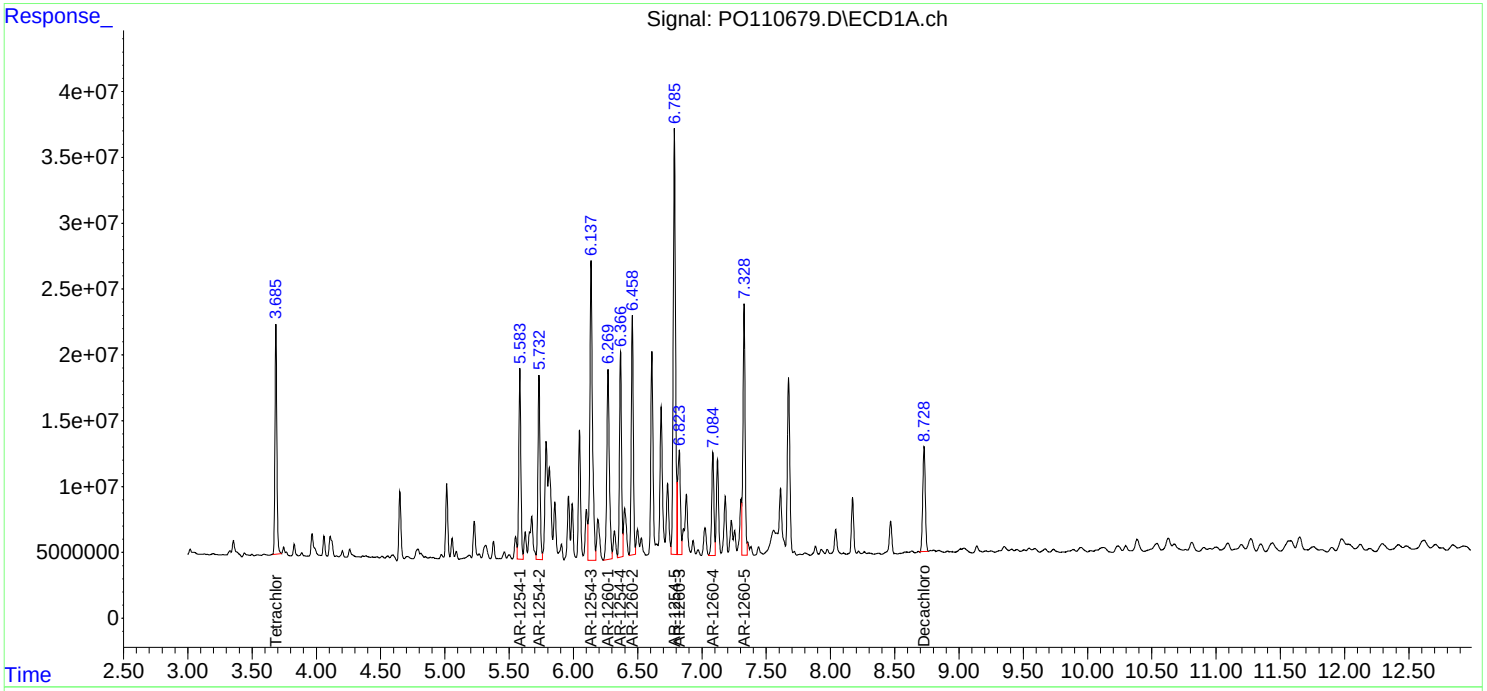
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

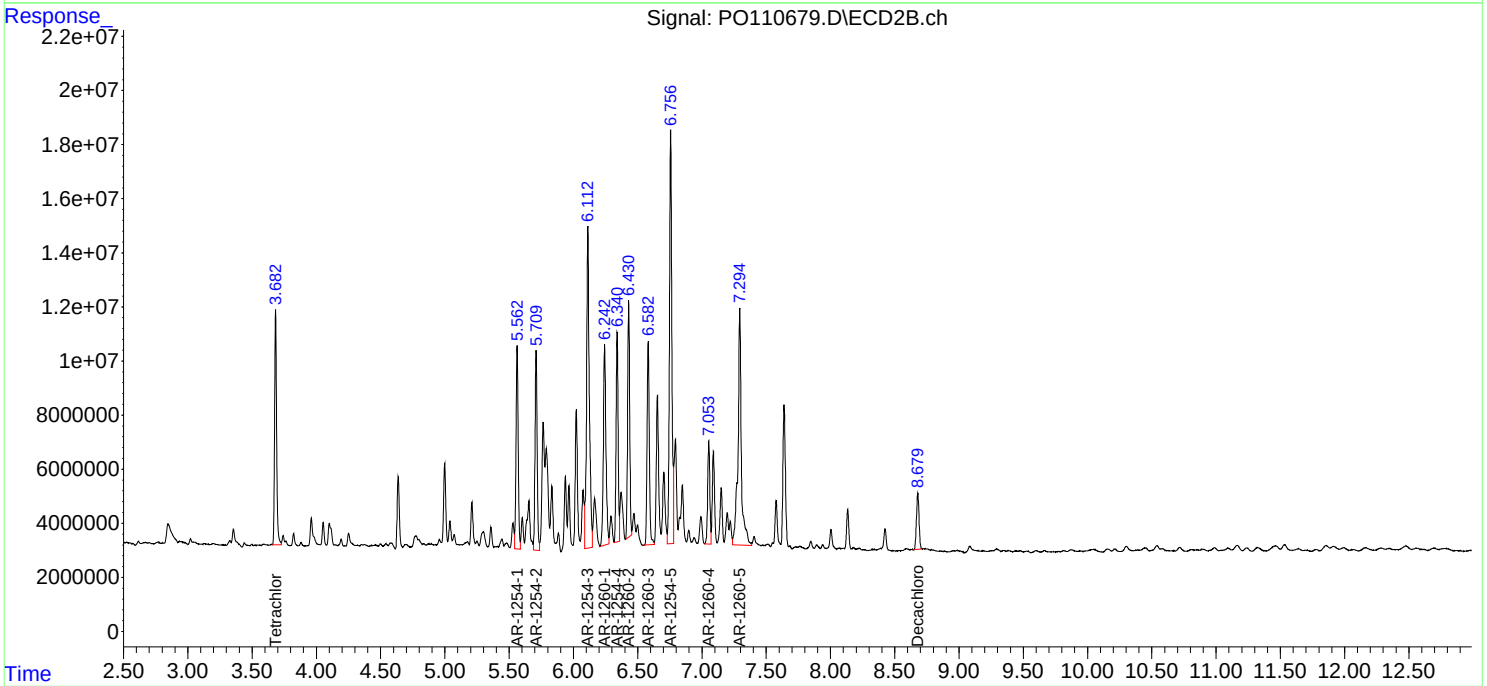
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110679.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:19
Operator : YP/AJ
Sample : Q1860-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

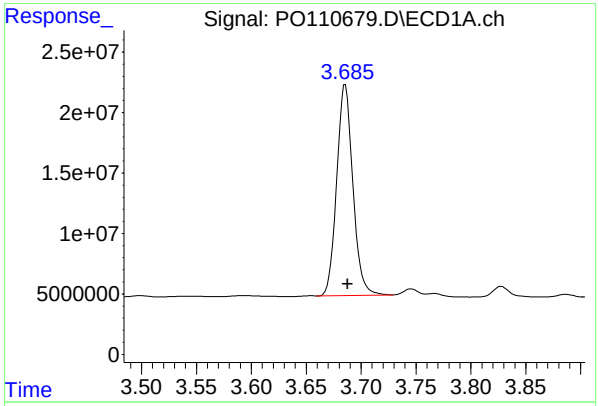
Instrument :
ECD_O
ClientSampleId :
P001-SS003-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:25:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



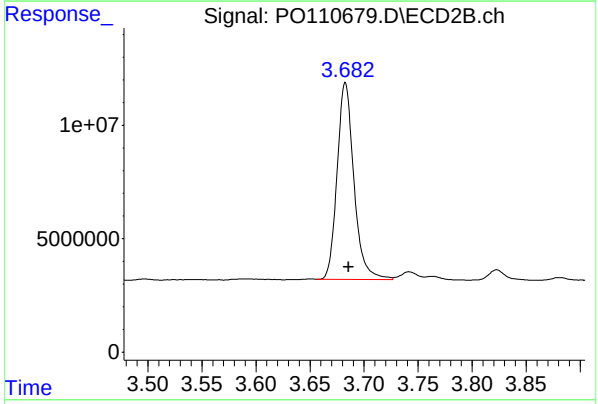




#1 Tetrachloro-m-xylene

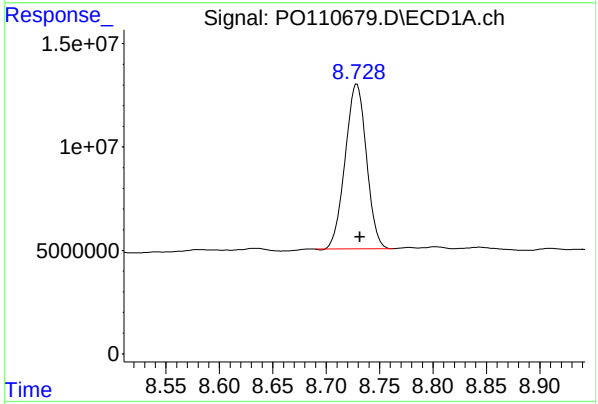
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 178678390
Conc: 20.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS003-01



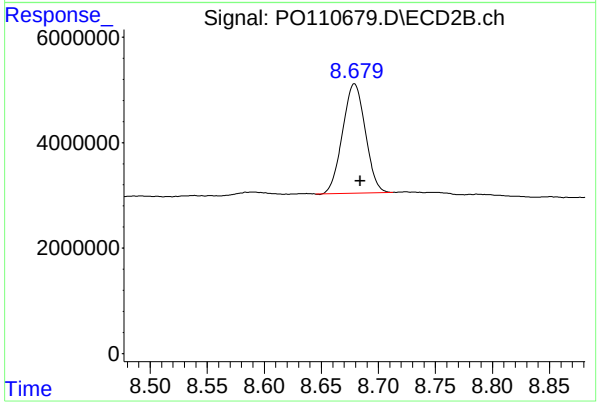
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 93953936
Conc: 18.83 ng/ml



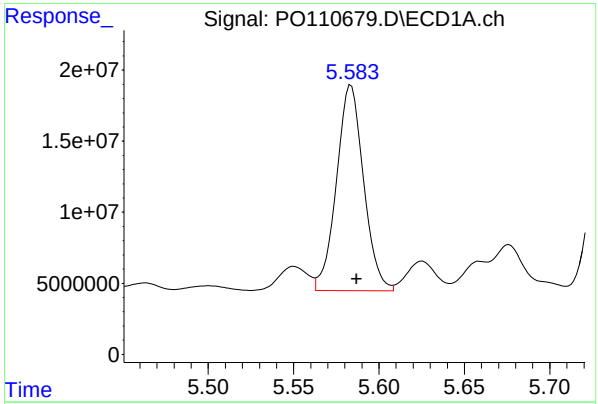
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 110384060
Conc: 13.98 ng/ml



#2 Decachlorobiphenyl

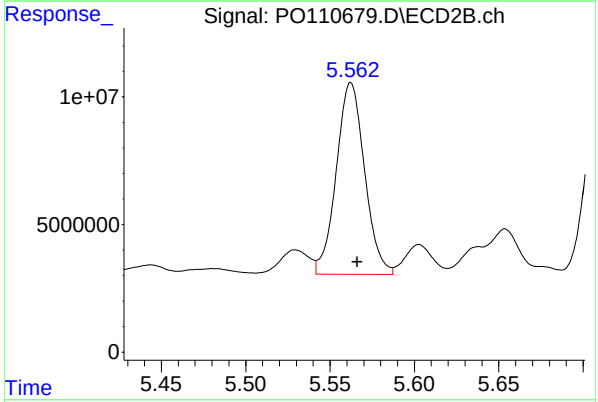
R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 28808798
Conc: 14.97 ng/ml



#26 AR-1254-1

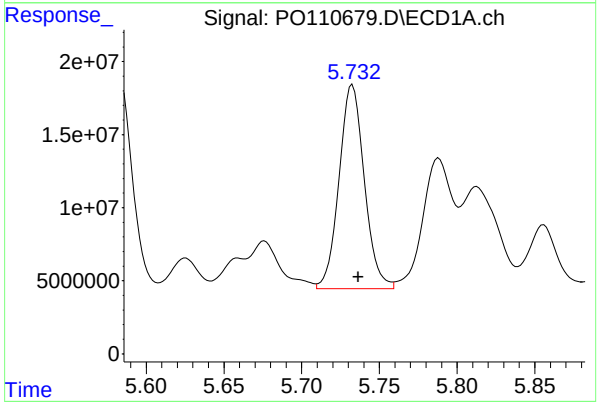
R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 159861963
Conc: 286.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS003-01



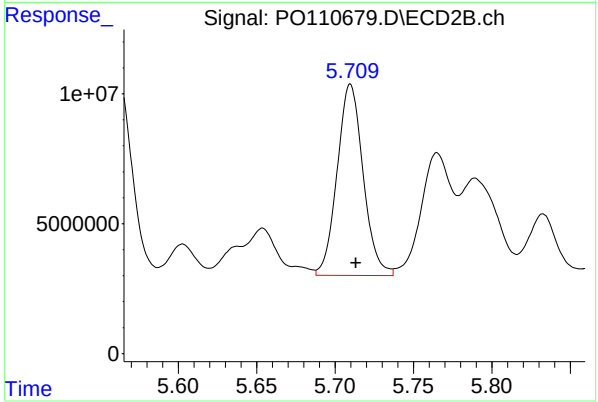
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 87672618
Conc: 290.79 ng/ml



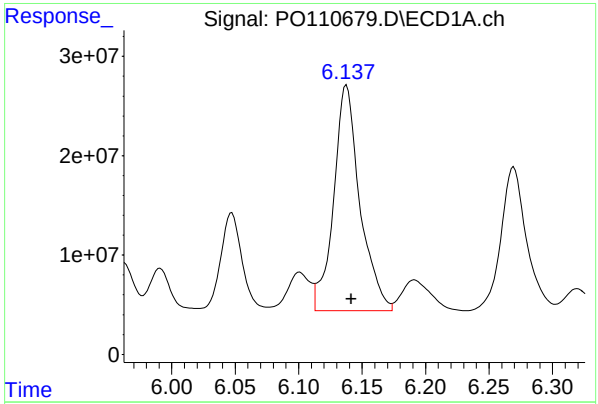
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 157831865
Conc: 324.96 ng/ml



#27 AR-1254-2

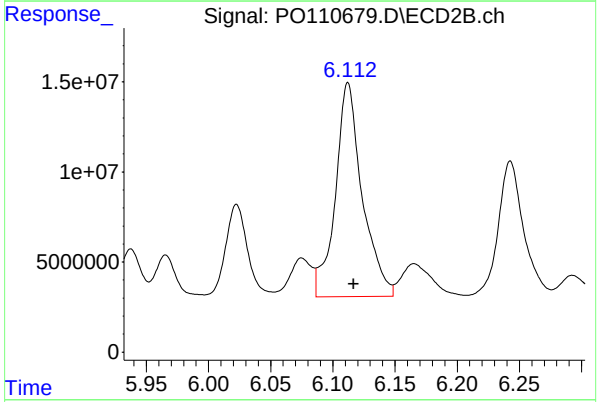
R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 85170765
Conc: 321.78 ng/ml



#28 AR-1254-3

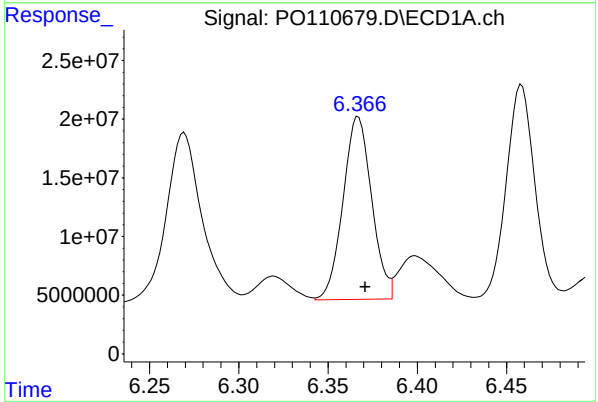
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 326702659
Conc: 417.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS003-01



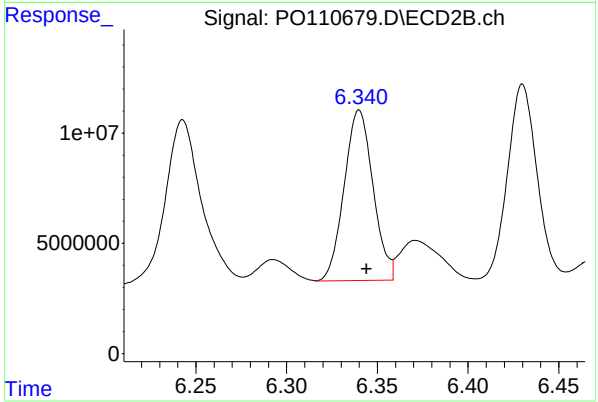
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 177801071
Conc: 440.74 ng/ml



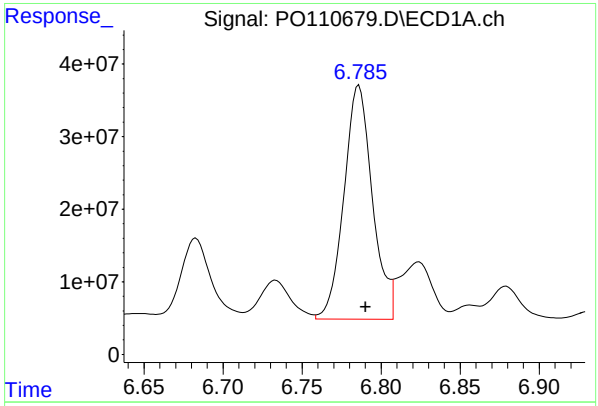
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 174054839
Conc: 356.96 ng/ml



#29 AR-1254-4

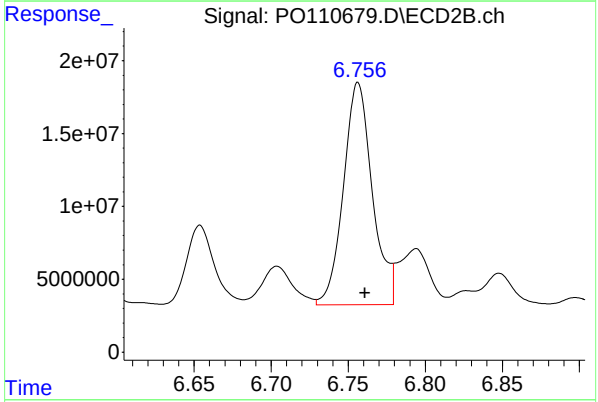
R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 85687929
Conc: 373.02 ng/ml



#30 AR-1254-5

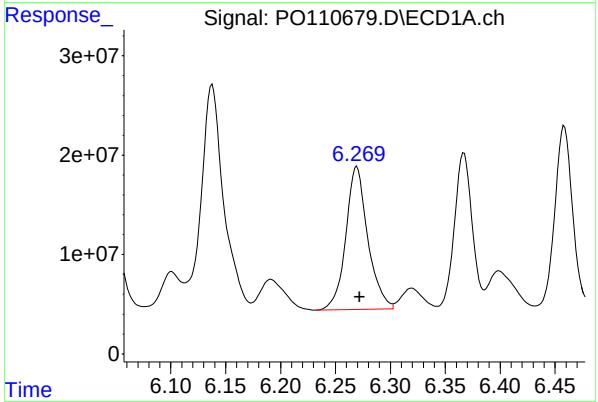
R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 403422667
Conc: 575.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS003-01



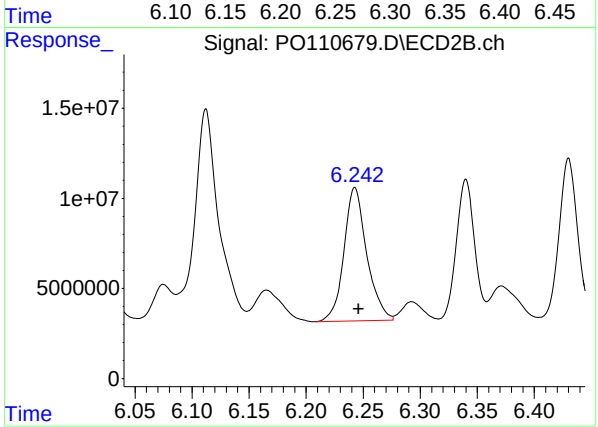
#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 197922256
Conc: 595.63 ng/ml



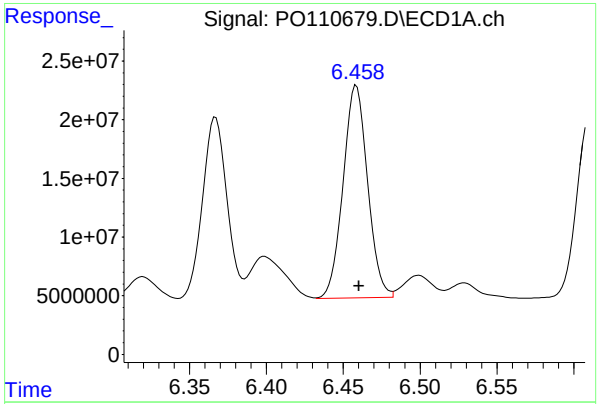
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 200563789
Conc: 424.52 ng/ml



#31 AR-1260-1

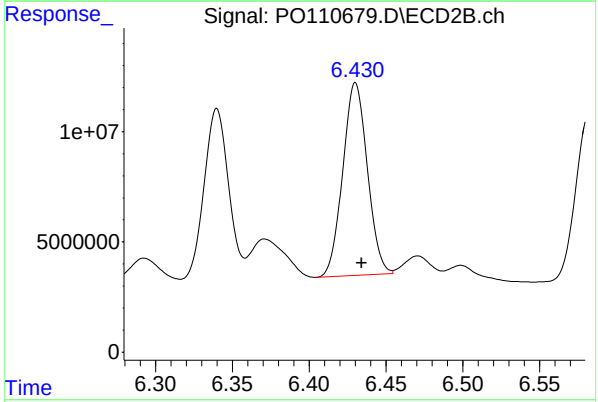
R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 102958745
Conc: 418.59 ng/ml



#32 AR-1260-2

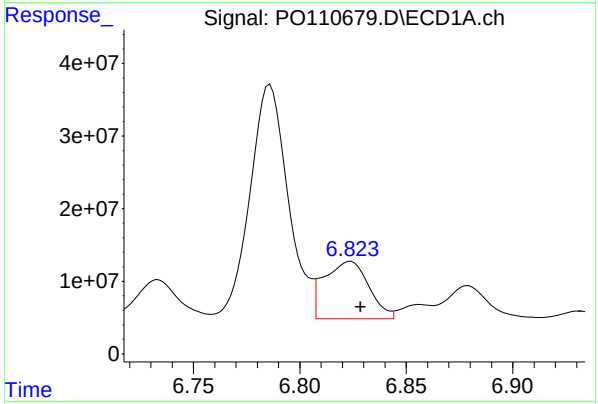
R.T.: 6.458 min
Delta R.T.: -0.002 mi
Response: 200345394
Conc: 341.64 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS003-01



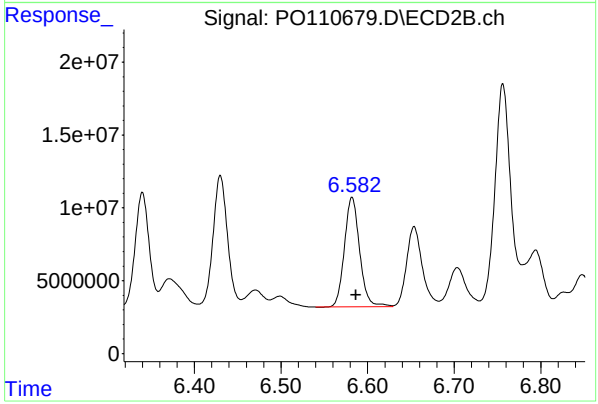
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 96899818
Conc: 332.13 ng/ml



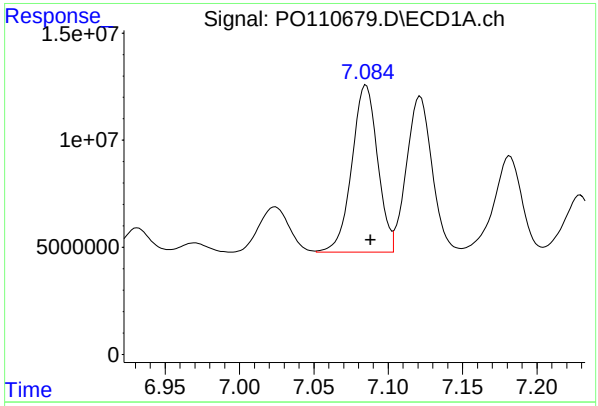
#33 AR-1260-3

R.T.: 6.824 min
Delta R.T.: -0.005 min
Response: 115103518
Conc: 233.54 ng/ml



#33 AR-1260-3

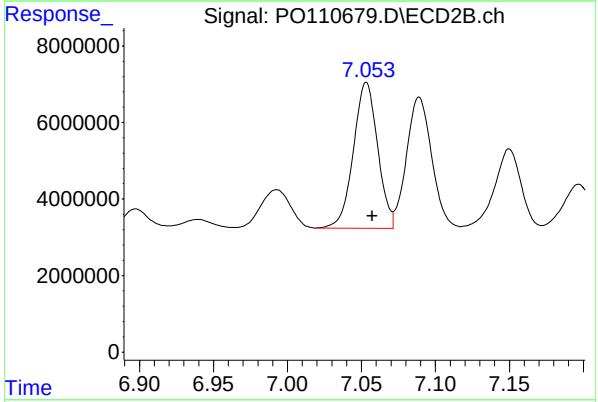
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 92261024
Conc: 340.59 ng/ml



#34 AR-1260-4

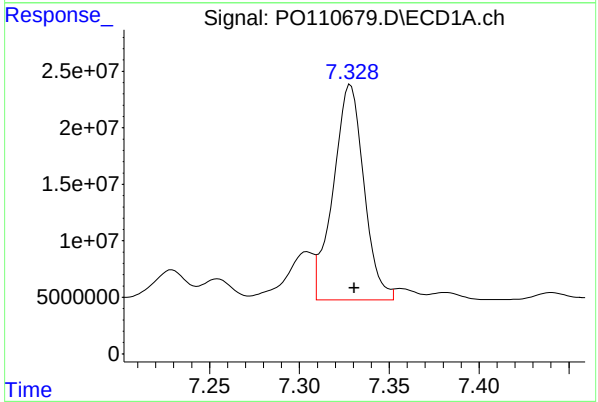
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 94159803
Conc: 221.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS003-01



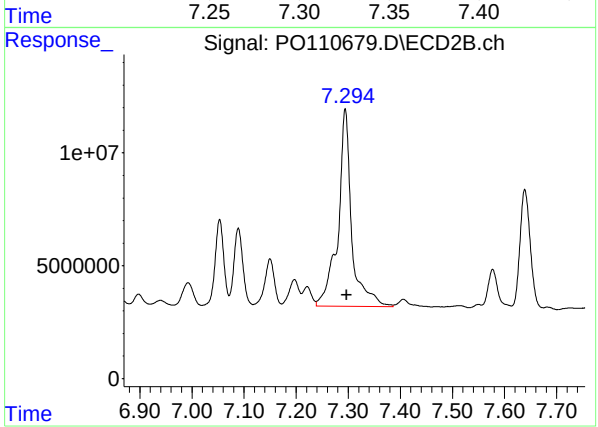
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 43585166
Conc: 217.23 ng/ml



#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 226124928
Conc: 216.70 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 160198123
Conc: 349.12 ng/ml

Raw Data: **PO110680.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS004-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.5 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110680.D	1	04/24/25 08:32	04/24/25 13:37	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.6	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	179		3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.6	ug/kg
11096-82-5	Aroclor-1260	198		3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		32 - 144	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.6		32 - 175	63%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110680.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110680.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:37
Operator : YP/AJ
Sample : Q1860-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS004-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:25:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	151.2E6	81230719	17.278	16.279
2)	SA Decachlor...	8.728	8.679	90492443	24300427	11.462	12.624
	Target Compounds						
26)	L6 AR-1254-1	5.584	5.563	161.6E6	86853674	289.596	288.073
27)	L6 AR-1254-2	5.733	5.710	167.2E6	88234523	344.328	333.356
28)	L6 AR-1254-3	6.138	6.112	412.7E6	213.4E6	526.871	529.062
29)	L6 AR-1254-4	6.367	6.340	198.7E6	95606874	407.463	416.202
30)	L6 AR-1254-5	6.786	6.757	532.0E6	250.1E6	759.064	752.785
31)	L7 AR-1260-1	6.270	6.243	291.9E6	147.3E6	617.745	598.804
32)	L7 AR-1260-2	6.458	6.431	297.9E6	142.3E6	508.062	487.692
33)	L7 AR-1260-3	6.826	6.583	217.7E6	135.0E6	441.795	498.405
34)	L7 AR-1260-4	7.085	7.055	197.2E6	88946379	464.695	443.313
35)	L7 AR-1260-5	7.328	7.295	564.4E6	247.0E6	540.889	538.324

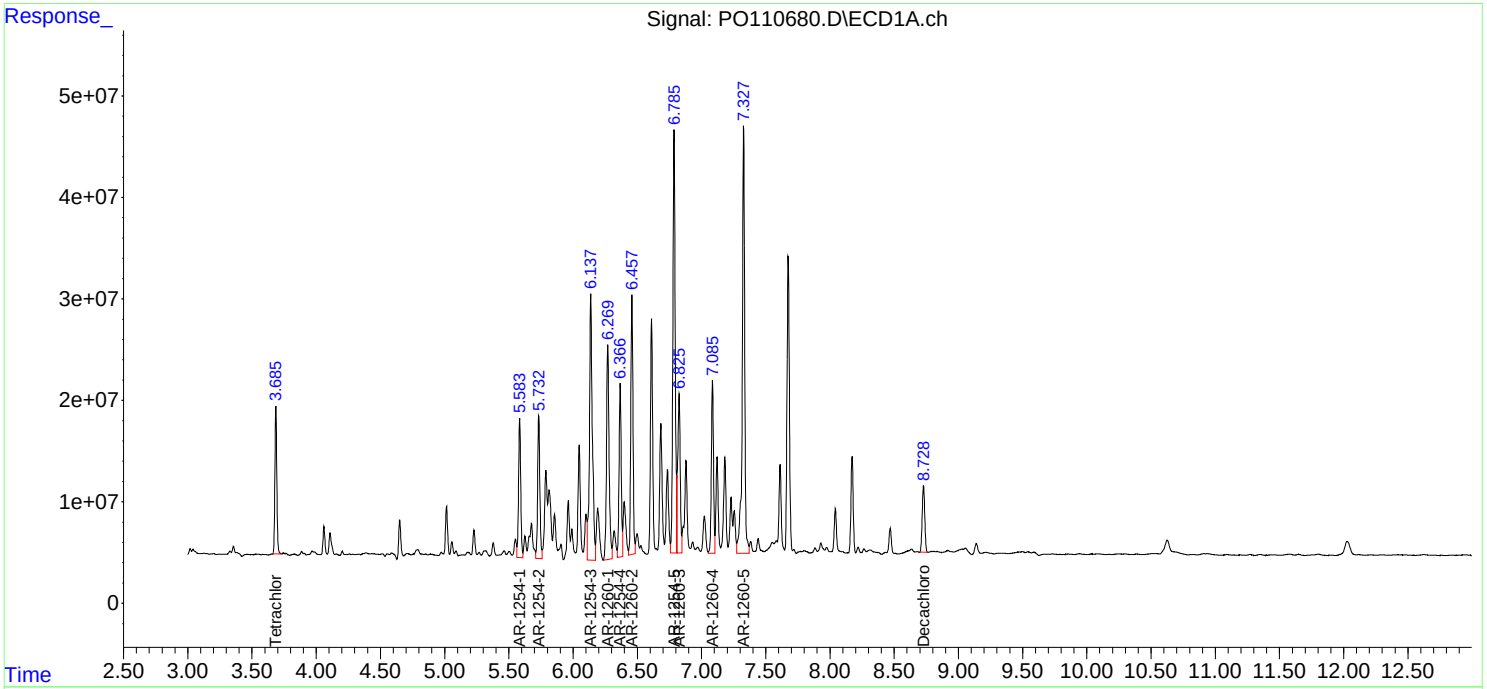
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

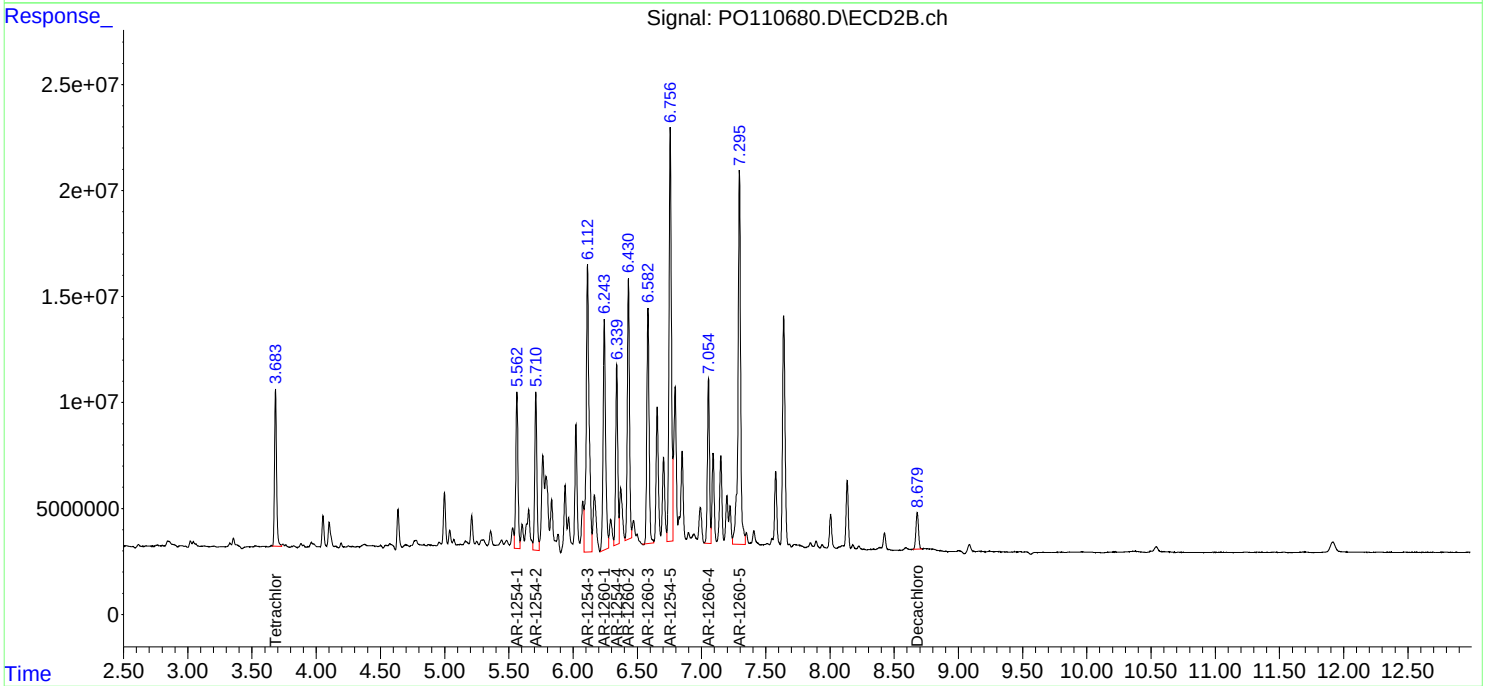
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110680.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:37
Operator : YP/AJ
Sample : Q1860-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

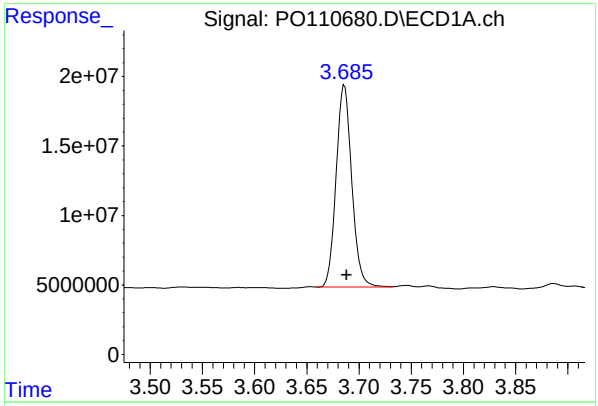
Instrument :
ECD_O
ClientSampleId :
P001-SS004-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:25:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



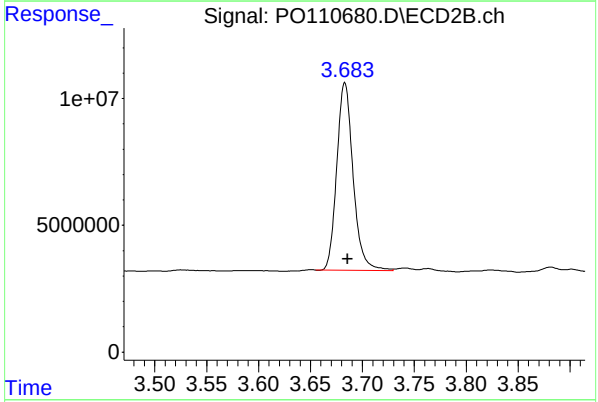




#1 Tetrachloro-m-xylene

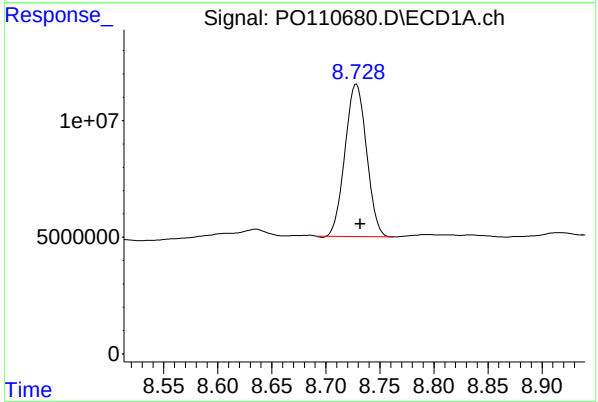
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 151169758
Conc: 17.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS004-01



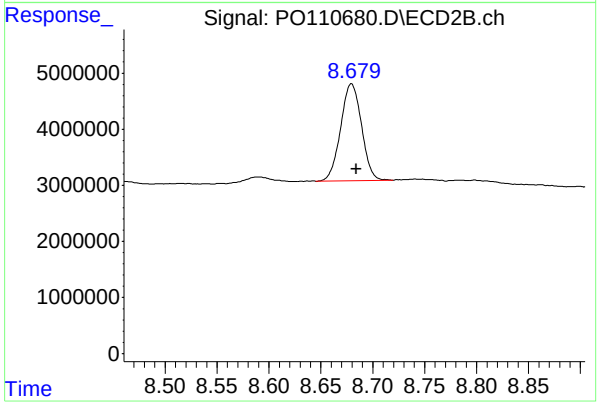
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 81230719
Conc: 16.28 ng/ml



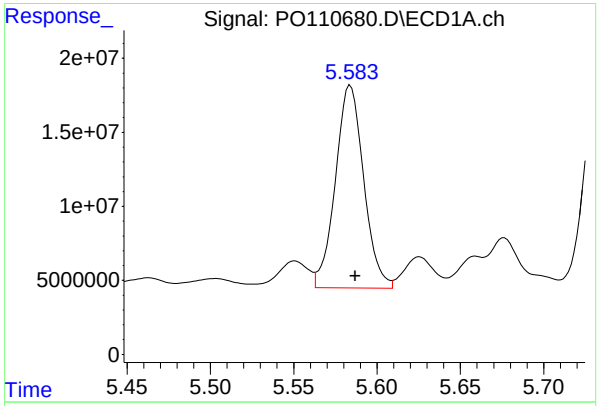
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.003 min
Response: 90492443
Conc: 11.46 ng/ml



#2 Decachlorobiphenyl

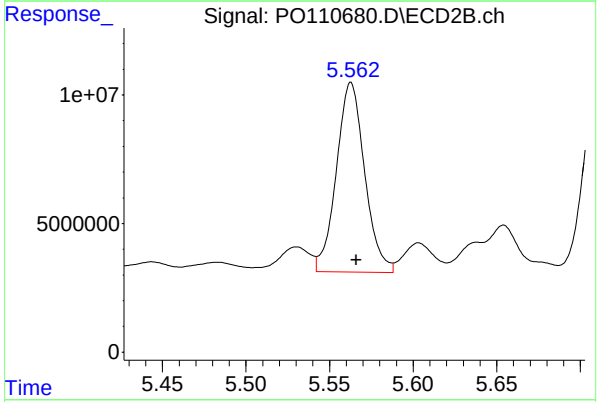
R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 24300427
Conc: 12.62 ng/ml



#26 AR-1254-1

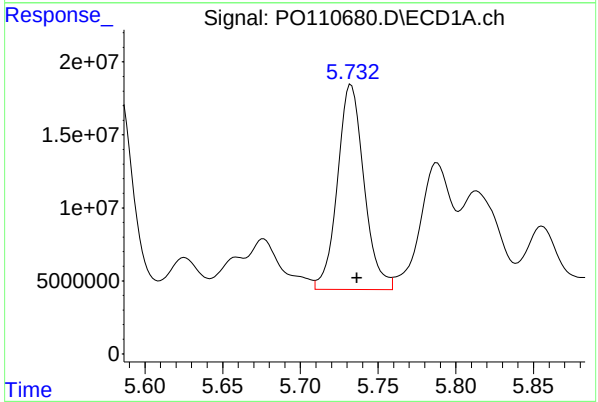
R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 161591186
Conc: 289.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS004-01



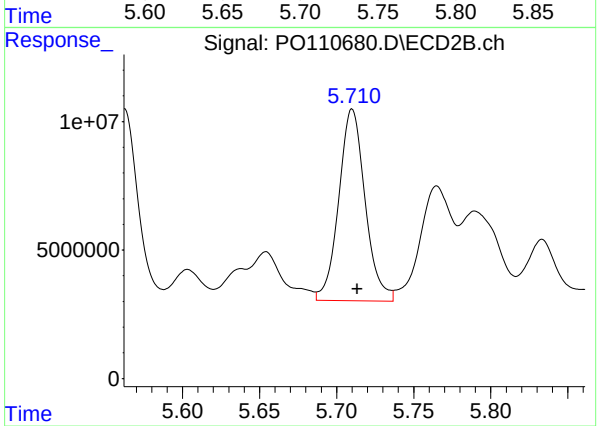
#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 86853674
Conc: 288.07 ng/ml



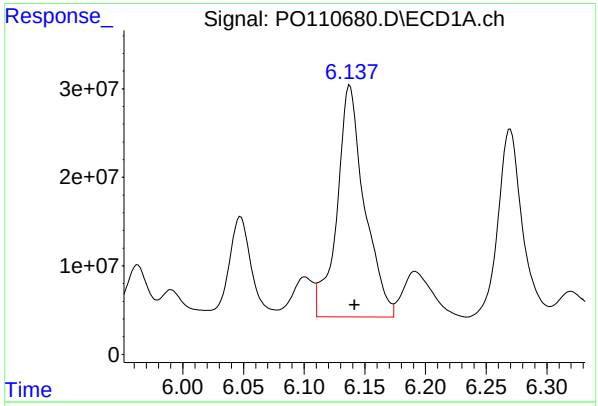
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 167240898
Conc: 344.33 ng/ml



#27 AR-1254-2

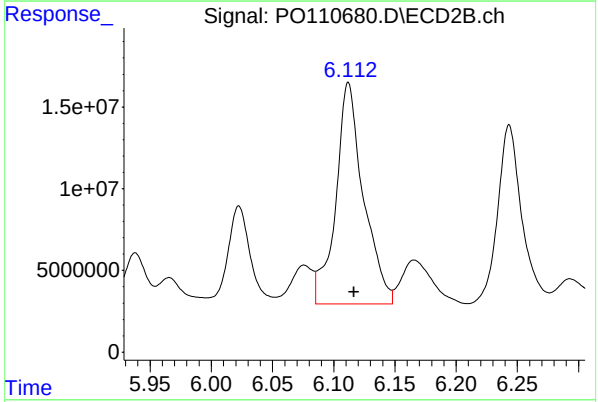
R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 88234523
Conc: 333.36 ng/ml



#28 AR-1254-3

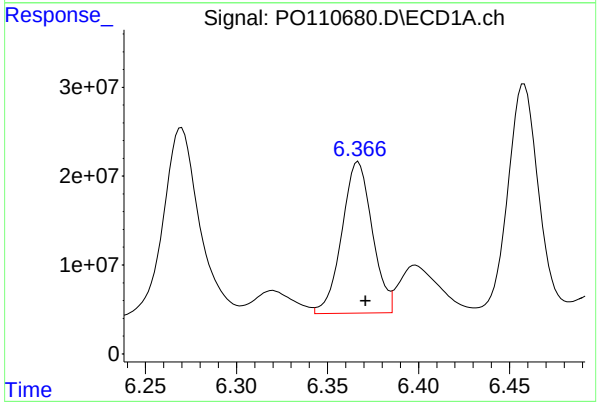
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 412657135
Conc: 526.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS004-01



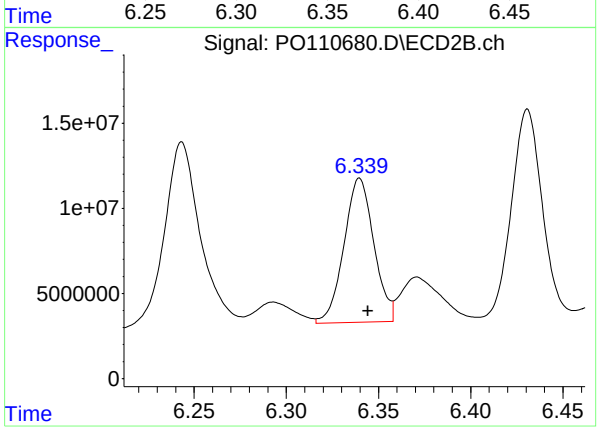
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 213432233
Conc: 529.06 ng/ml



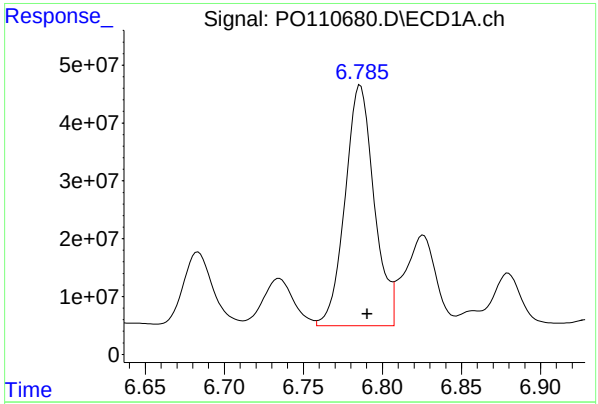
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 198681106
Conc: 407.46 ng/ml



#29 AR-1254-4

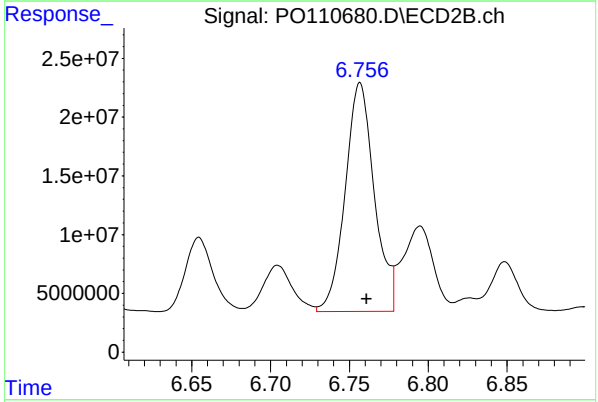
R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 95606874
Conc: 416.20 ng/ml



#30 AR-1254-5

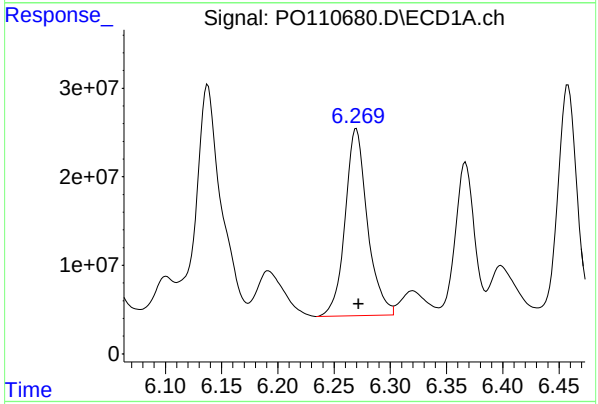
R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 532027628
Conc: 759.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS004-01



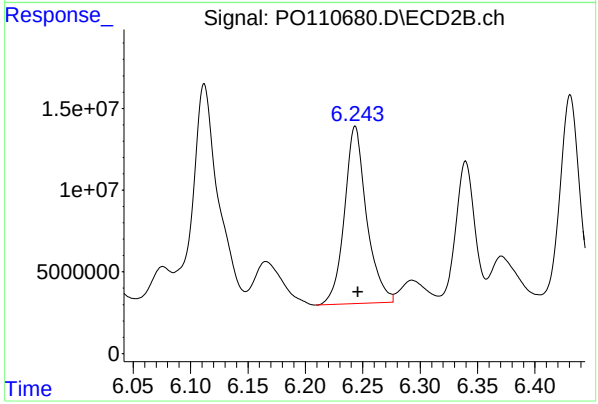
#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 250144344
Conc: 752.79 ng/ml



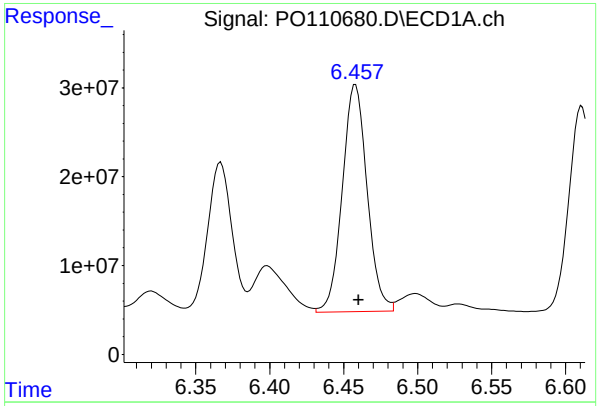
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 291850778
Conc: 617.75 ng/ml



#31 AR-1260-1

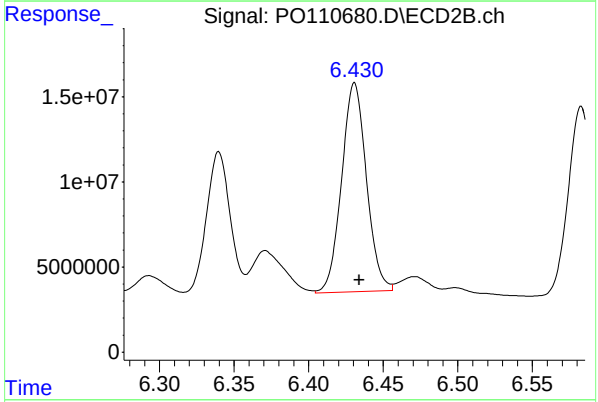
R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 147283978
Conc: 598.80 ng/ml



#32 AR-1260-2

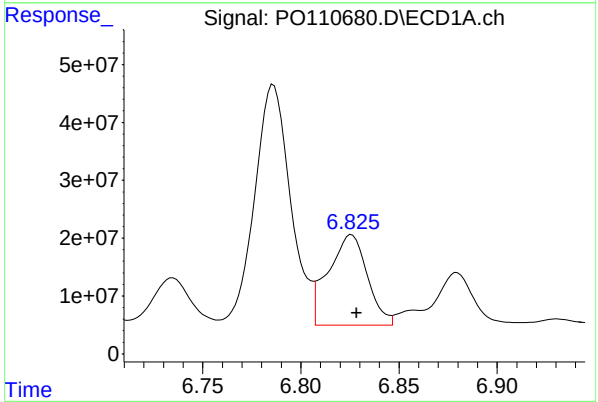
R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 297939764
Conc: 508.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS004-01



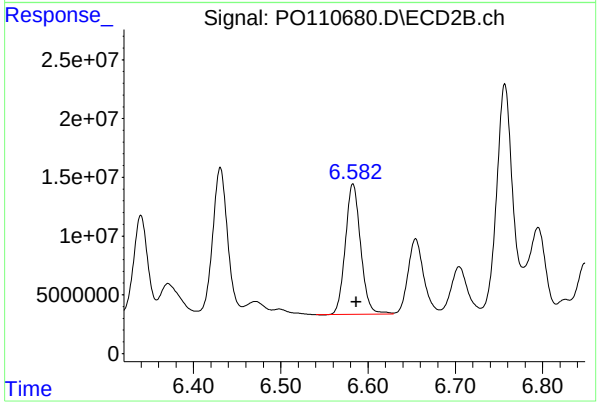
#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 142284394
Conc: 487.69 ng/ml



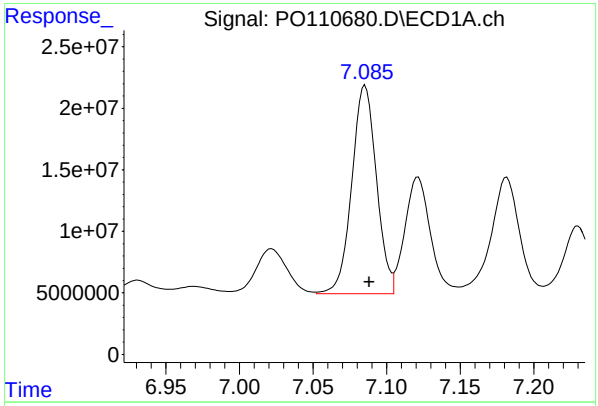
#33 AR-1260-3

R.T.: 6.826 min
Delta R.T.: -0.003 min
Response: 217748613
Conc: 441.80 ng/ml



#33 AR-1260-3

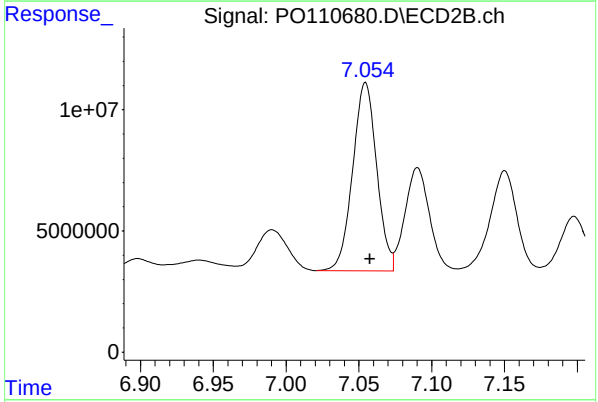
R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 135010072
Conc: 498.41 ng/ml



#34 AR-1260-4

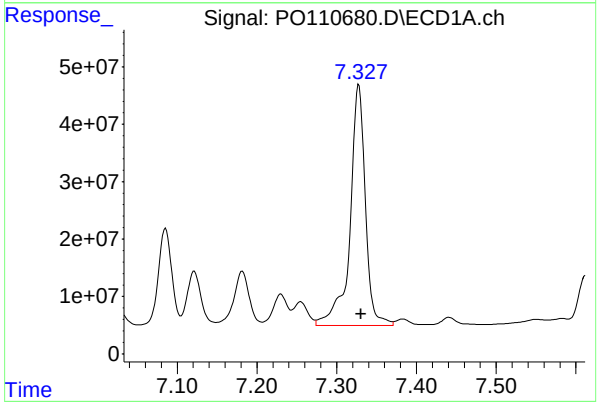
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 197227157
Conc: 464.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS004-01



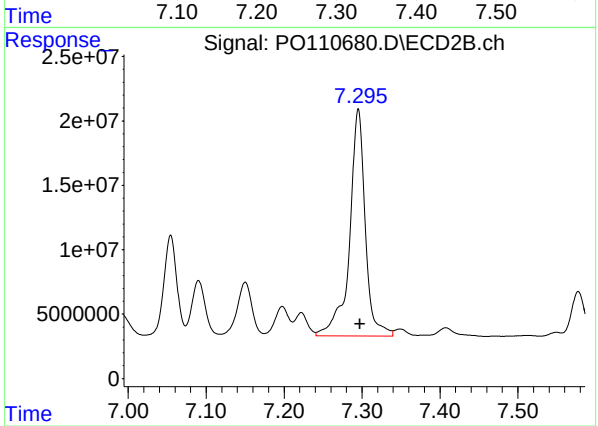
#34 AR-1260-4

R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 88946379
Conc: 443.31 ng/ml



#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 564402493
Conc: 540.89 ng/ml



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 247014034
Conc: 538.32 ng/ml

Raw Data: **PP071434.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS005-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-08	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.2 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071434.D	1	04/24/25 08:32	04/24/25 14:35	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.7	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.7	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.7	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.7	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	19.7	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.7	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.7	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.7	ug/kg
11096-82-5	Aroclor-1260	299		3.70	19.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.8		32 - 144	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.2		32 - 175	76%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP071434.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:35
Operator : YP\AJ
Sample : Q1860-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS005-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:24:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	33141813	25042700	16.716	17.778
2)	SA Decachlor...	10.232	8.845	21642385	13350336	14.946	15.222
	Target Compounds						
31)	L7 AR-1260-1	7.260	6.383	63857979	45376434	665.017	627.620
32)	L7 AR-1260-2	7.514	6.571	82240873	46701376	574.800	533.965
33)	L7 AR-1260-3	7.873	6.724	89828756	45601366	801.298	581.742 #
34)	L7 AR-1260-4	8.095	7.195	100.6E6	48725107	891.239m	772.059
35)	L7 AR-1260-5	8.417	7.437	212.4E6	124.9E6	937.658	828.545

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:35
Operator : YP\AJ
Sample : Q1860-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

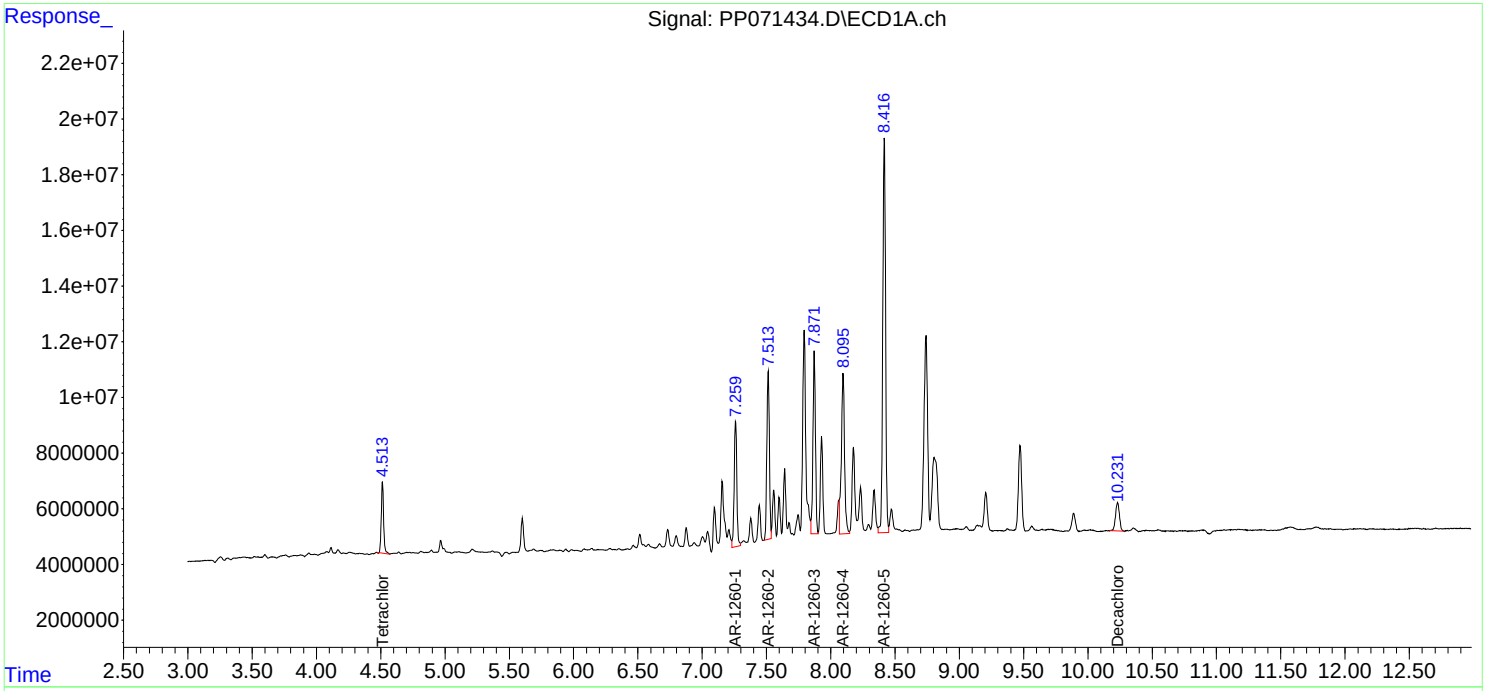
Instrument :
ECD_P
ClientSampleId :
P001-SS005-01

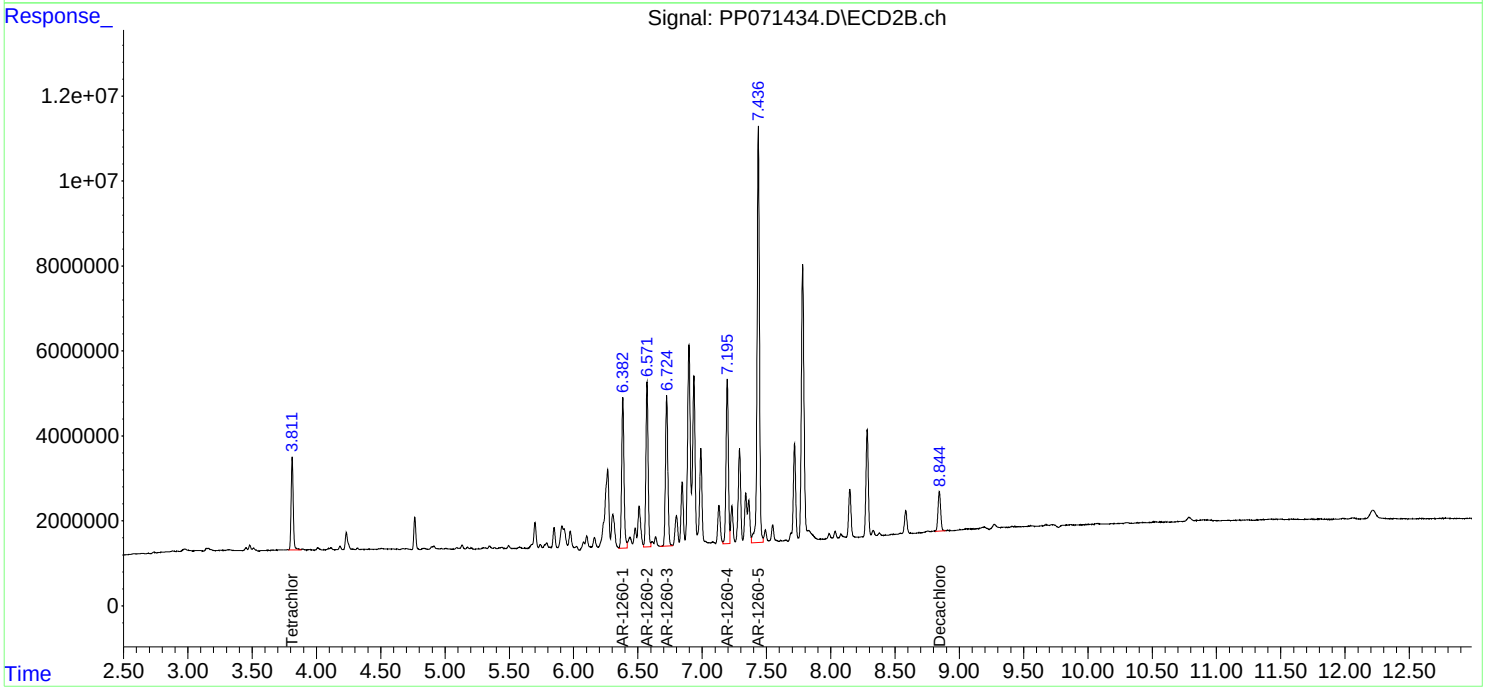
Manual Integrations APPROVED

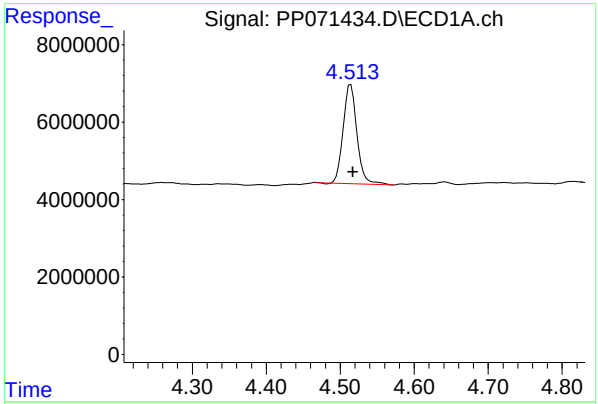
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:24:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







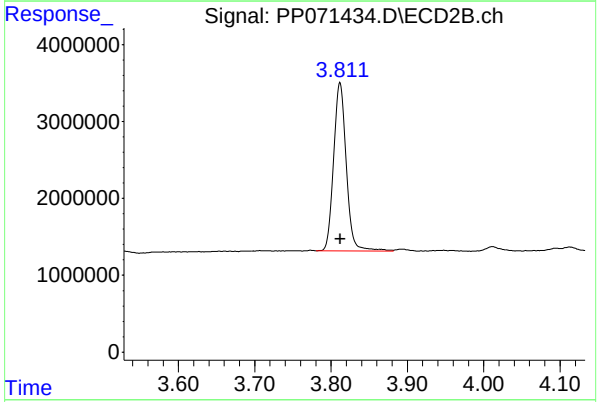
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 33141813
Conc: 16.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS005-01

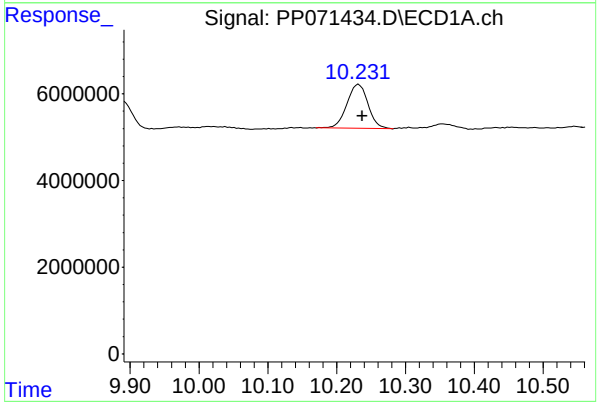
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



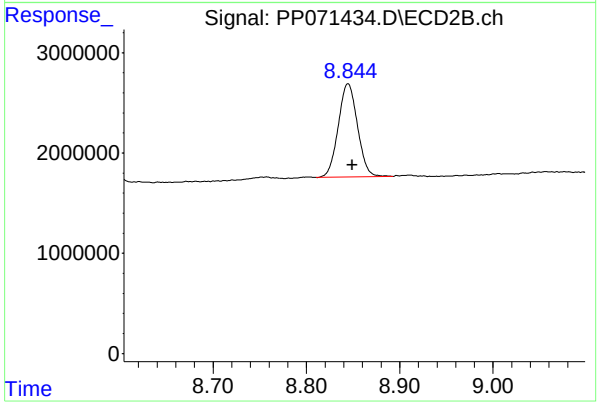
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 25042700
Conc: 17.78 ng/ml



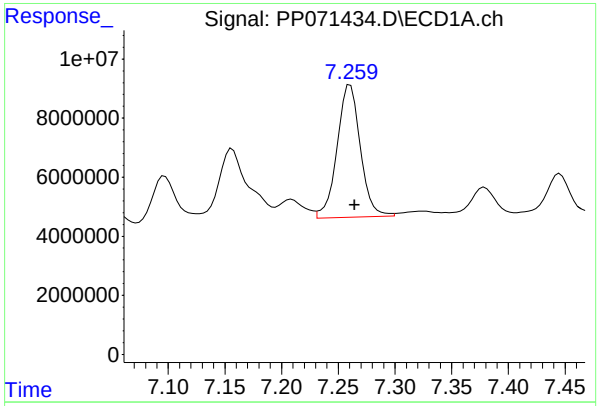
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: -0.005 min
Response: 21642385
Conc: 14.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.845 min
Delta R.T.: -0.005 min
Response: 13350336
Conc: 15.22 ng/ml



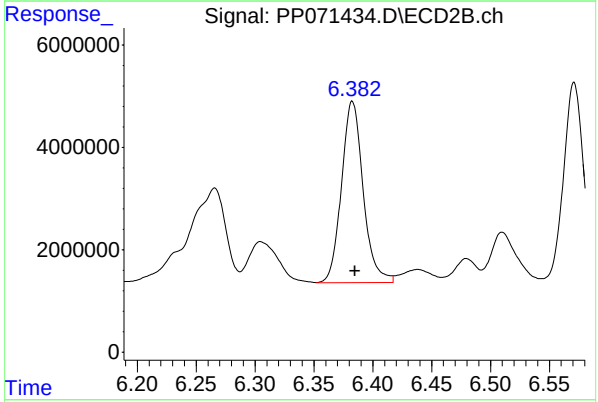
#31 AR-1260-1

R.T.: 7.260 min
Delta R.T.: -0.004 min
Response: 63857979
Conc: 665.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS005-01

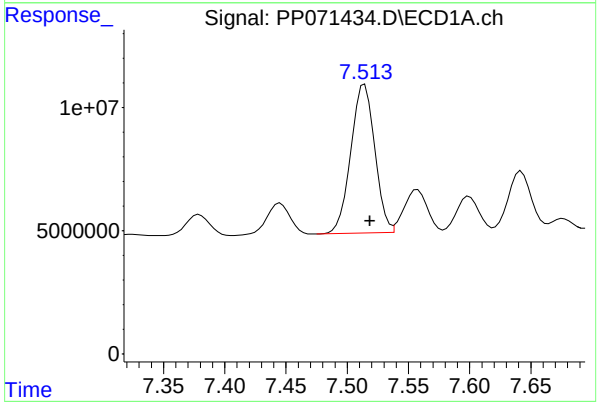
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



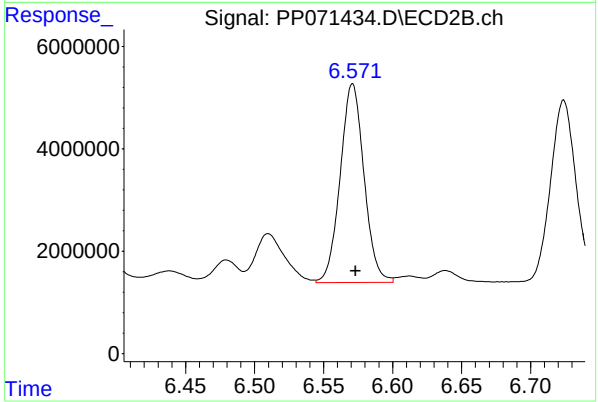
#31 AR-1260-1

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 45376434
Conc: 627.62 ng/ml



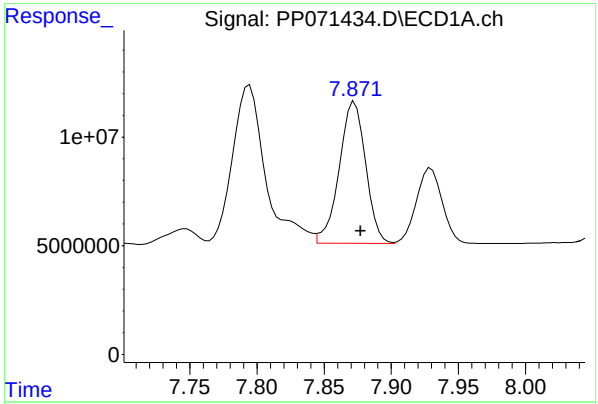
#32 AR-1260-2

R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 82240873
Conc: 574.80 ng/ml



#32 AR-1260-2

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 46701376
Conc: 533.97 ng/ml



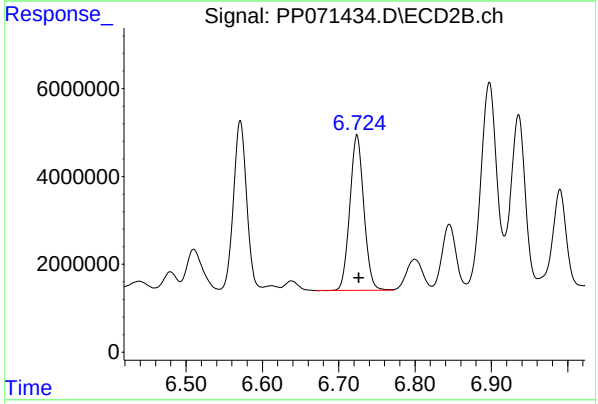
#33 AR-1260-3

R.T.: 7.873 min
Delta R.T.: -0.005 mi
Response: 89828756
Conc: 801.30 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS005-01

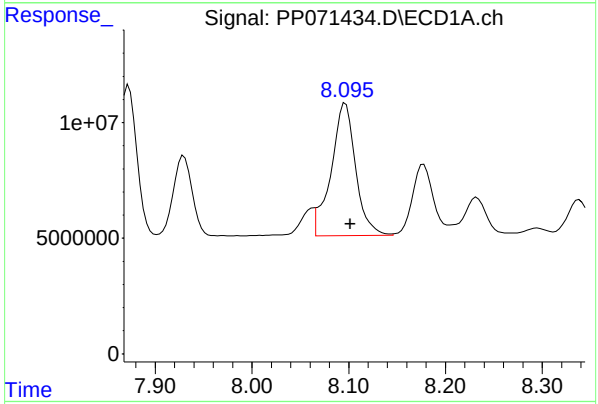
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



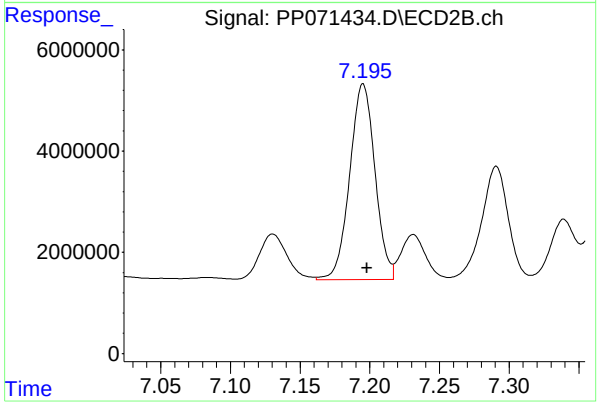
#33 AR-1260-3

R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 45601366
Conc: 581.74 ng/ml



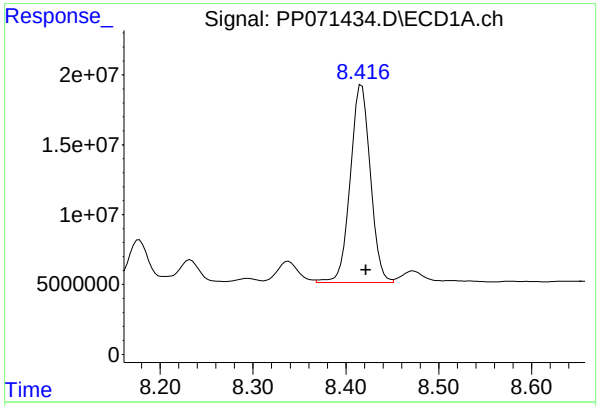
#34 AR-1260-4

R.T.: 8.095 min
Delta R.T.: -0.006 min
Response: 100589512
Conc: 891.24 ng/ml m



#34 AR-1260-4

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 48725107
Conc: 772.06 ng/ml



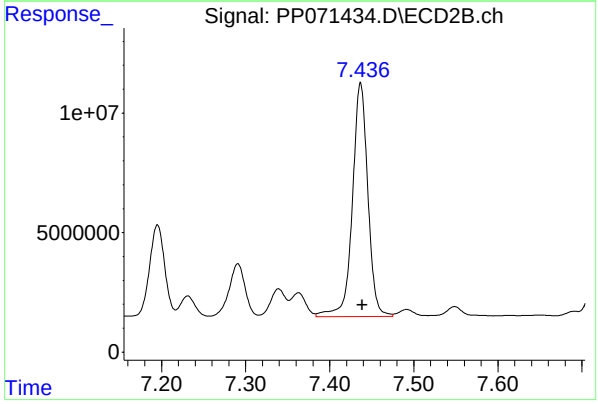
#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: -0.005 min
Response: 212448178
Conc: 937.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS005-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



#35 AR-1260-5

R.T.: 7.437 min
Delta R.T.: -0.002 min
Response: 124925769
Conc: 828.54 ng/ml

Raw Data: **PP071645.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS006-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	89.5 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071645.D	1	04/24/25 08:32	04/30/25 13:44	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	18.9	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	18.9	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.9	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	18.9	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	18.9	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	18.9	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	18.9	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.9	ug/kg
11096-82-5	Aroclor-1260	439	E	3.60	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		32 - 175	102%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071645.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071645.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 13:44
Operator : YP\AJ
Sample : Q1860-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS006-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 13:54:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.809	41052801	30715646	20.706m	21.805
2)	SA Decachlor...	10.229	8.841	28928909	17880543	19.978	20.387
	Target Compounds						
31)	L7 AR-1260-1	7.260	6.380	88281277	71918889	919.361	994.739
32)	L7 AR-1260-2	7.513	6.568	125.0E6	81871190	873.686	936.084
33)	L7 AR-1260-3	7.872	6.721	136.1E6	80067304	1214.349	1021.428
34)	L7 AR-1260-4	8.094	7.193	158.9E6	84981415	1407.523m	1346.547
35)	L7 AR-1260-5	8.415	7.434	337.1E6	227.4E6	1487.989	1508.507

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071645.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 13:44
Operator : YP\AJ
Sample : Q1860-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

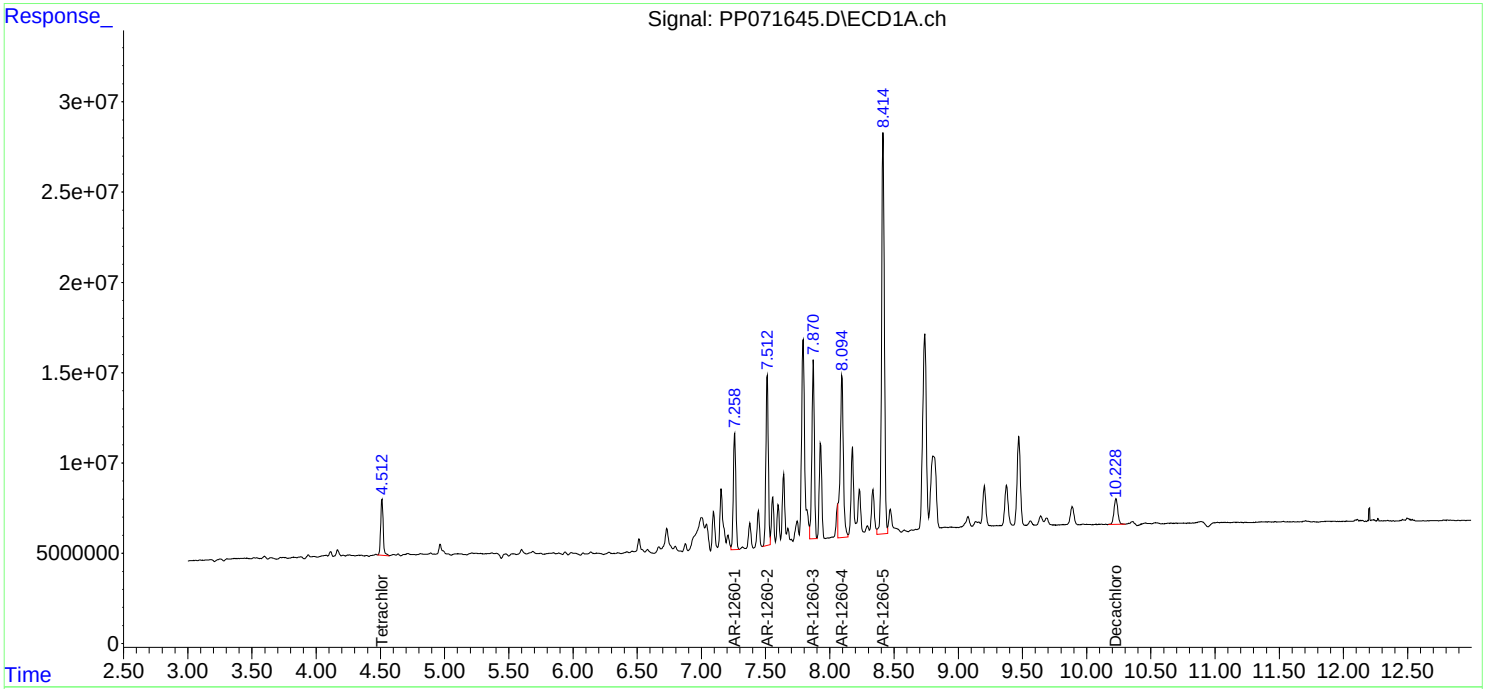
Instrument :
ECD_P
ClientSampleId :
P001-SS006-01

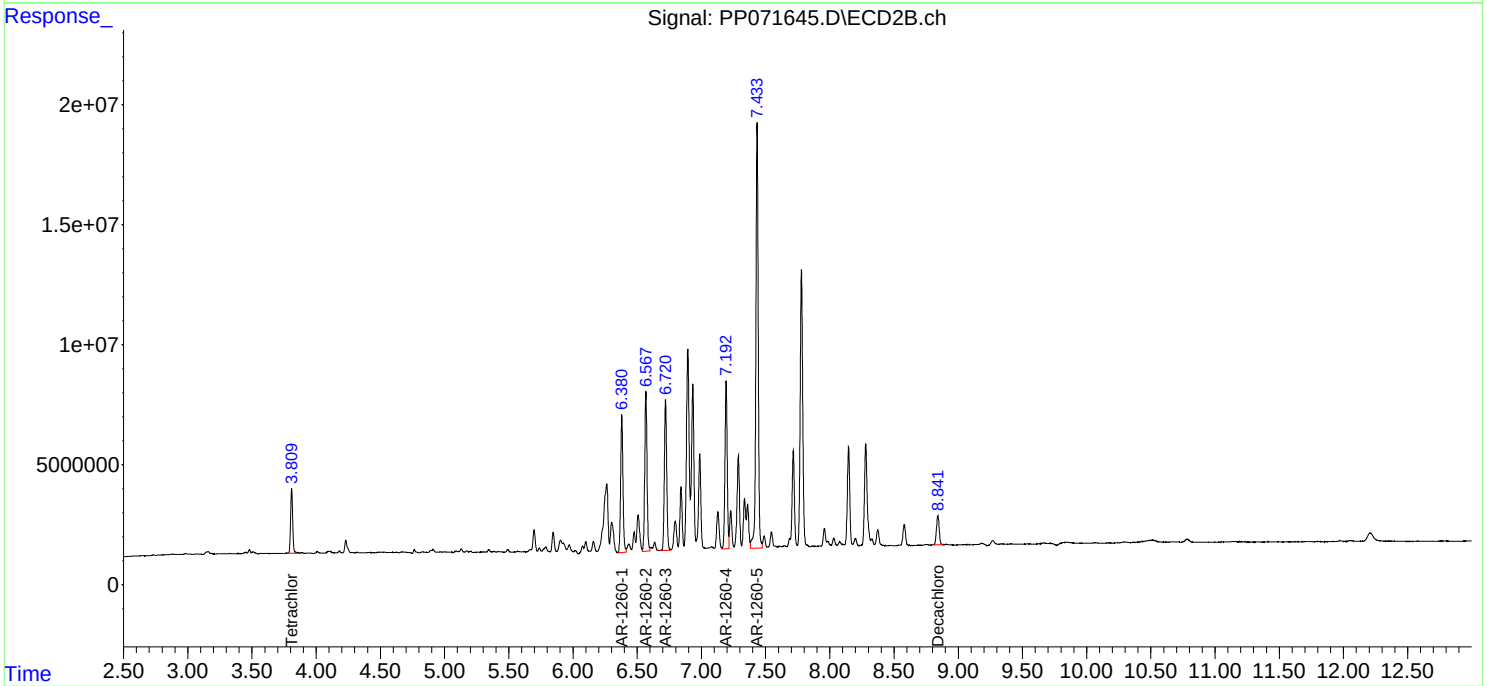
Manual Integrations APPROVED

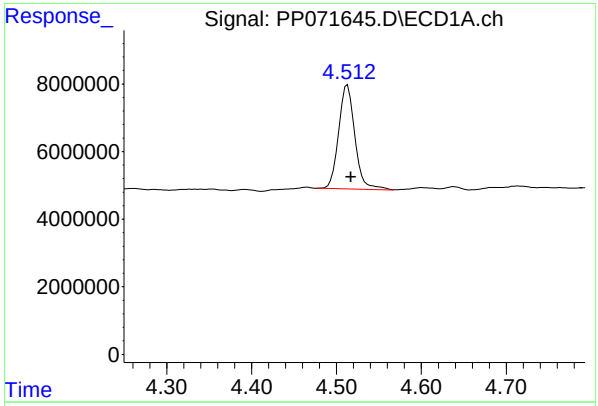
Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 13:54:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







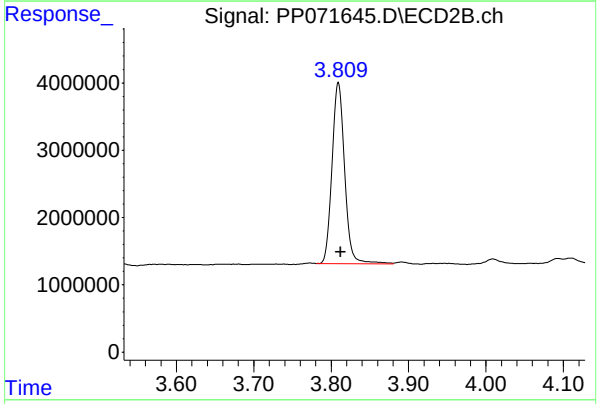
#1 Tetrachloro-m-xylene

R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 41052801
Conc: 20.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS006-01

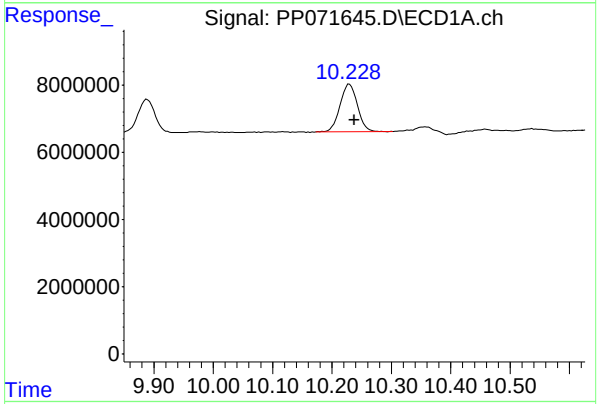
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



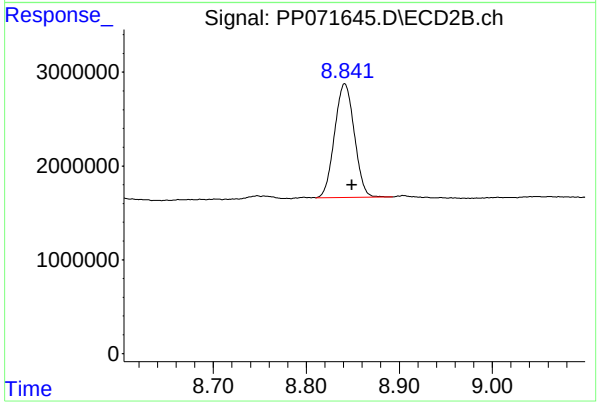
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 30715646
Conc: 21.81 ng/ml



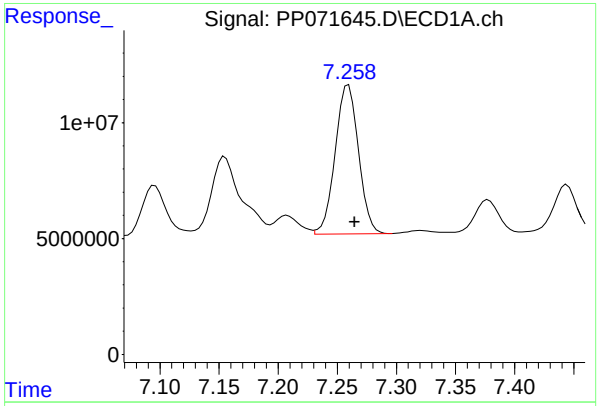
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: -0.008 min
Response: 28928909
Conc: 19.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 17880543
Conc: 20.39 ng/ml



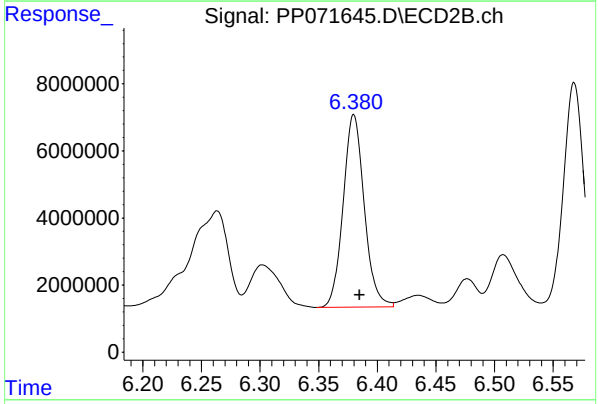
#31 AR-1260-1

R.T.: 7.260 min
Delta R.T.: -0.005 min
Response: 88281277
Conc: 919.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS006-01

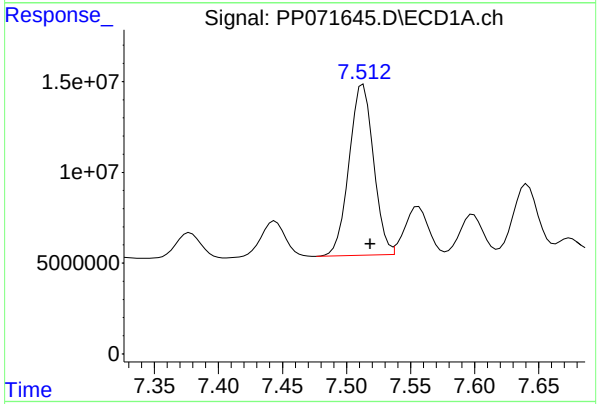
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



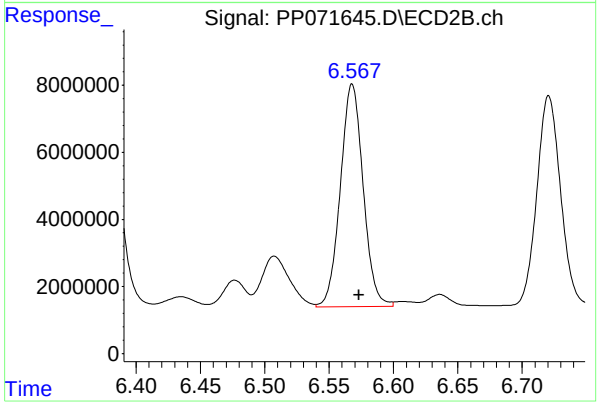
#31 AR-1260-1

R.T.: 6.380 min
Delta R.T.: -0.005 min
Response: 71918889
Conc: 994.74 ng/ml



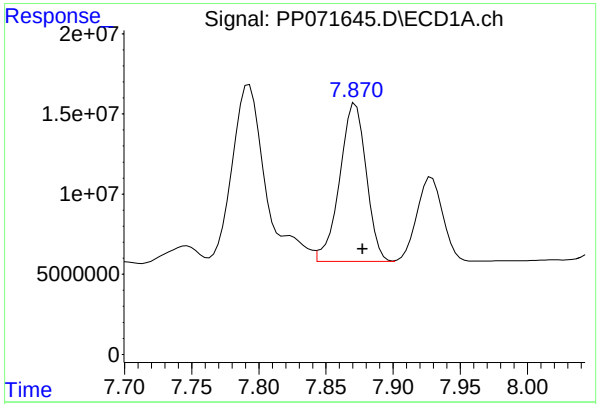
#32 AR-1260-2

R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 125004706
Conc: 873.69 ng/ml



#32 AR-1260-2

R.T.: 6.568 min
Delta R.T.: -0.005 min
Response: 81871190
Conc: 936.08 ng/ml



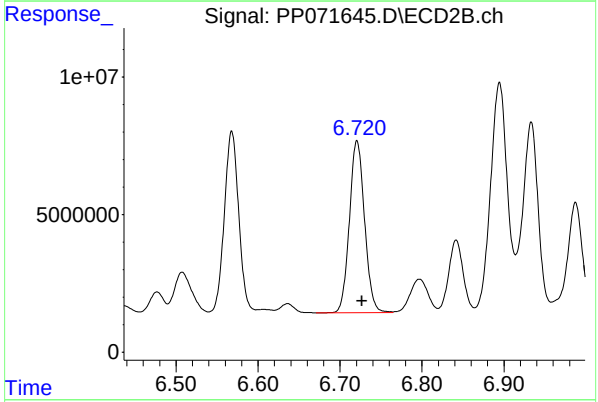
#33 AR-1260-3

R.T.: 7.872 min
Delta R.T.: -0.005 mi
Response: 136133492
Conc: 1214.35 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS006-01

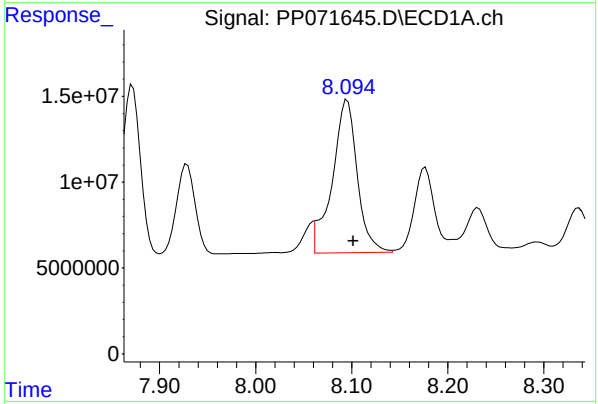
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



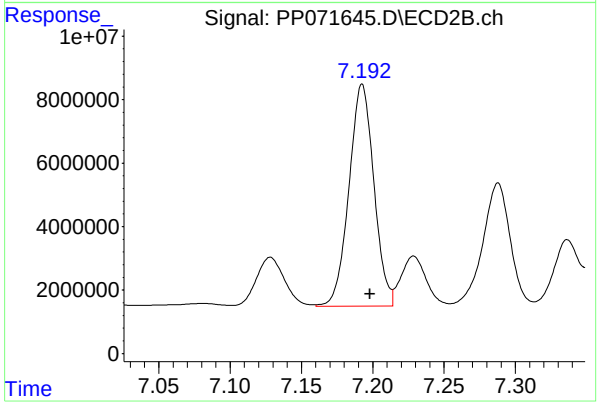
#33 AR-1260-3

R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 80067304
Conc: 1021.43 ng/ml



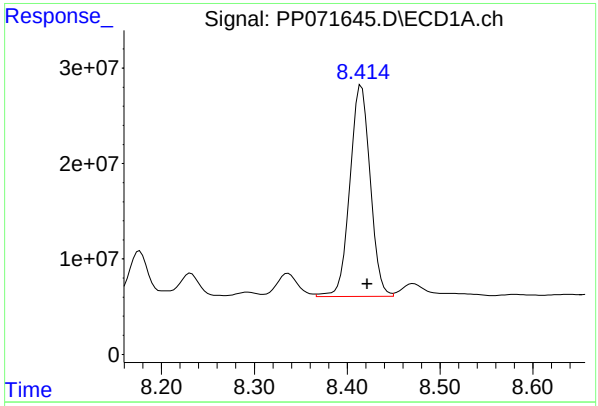
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: -0.008 min
Response: 158859867
Conc: 1407.52 ng/ml m



#34 AR-1260-4

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 84981415
Conc: 1346.55 ng/ml



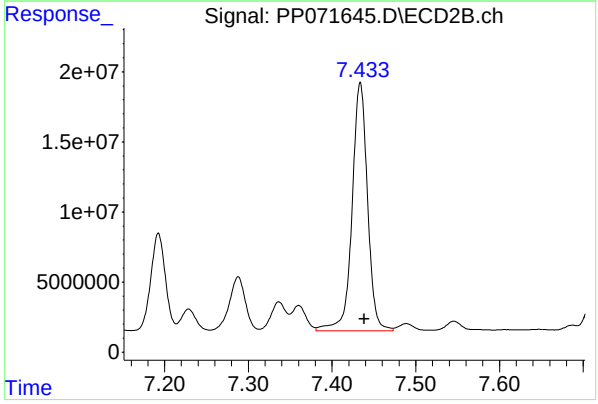
#35 AR-1260-5

R.T.: 8.415 min
Delta R.T.: -0.006 mi
Response: 337138532
Conc: 1487.99 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS006-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



#35 AR-1260-5

R.T.: 7.434 min
Delta R.T.: -0.005 min
Response: 227448669
Conc: 1508.51 ng/ml

Raw Data: **PP071646.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS006-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-09DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	89.5 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071646.D	5	04/24/25 08:32	04/30/25 14:01	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.0	UD	22.0	94.7	ug/kg
11104-28-2	Aroclor-1221	22.5	UD	22.5	94.7	ug/kg
11141-16-5	Aroclor-1232	20.7	UD	20.7	94.7	ug/kg
53469-21-9	Aroclor-1242	22.3	UD	22.3	94.7	ug/kg
12672-29-6	Aroclor-1248	33.0	UD	33.0	94.7	ug/kg
11097-69-1	Aroclor-1254	17.9	UD	17.9	94.7	ug/kg
37324-23-5	Aroclor-1262	28.0	UD	28.0	94.7	ug/kg
11100-14-4	Aroclor-1268	20.1	UD	20.1	94.7	ug/kg
11096-82-5	Aroclor-1260	375	D	18.0	94.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		32 - 175	82%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP071646.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071646.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 14:01
Operator : YP\AJ
Sample : Q1860-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS006-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 14:09:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.509	3.808	6116771	5240658	3.085	3.720
2)	SA Decachlor...	10.226	8.840	4717735	2868481	3.258	3.271
	Target Compounds						
31)	L7 AR-1260-1	7.255	6.378	14490827	13915320	150.907	192.468 #
32)	L7 AR-1260-2	7.509	6.566	20932487	14431728	146.302	165.007
33)	L7 AR-1260-3	7.868	6.719	24087284	13792082	214.865	175.947
34)	L7 AR-1260-4	8.090	7.190	27459198	14708059	243.293m	233.052
35)	L7 AR-1260-5	8.412	7.433	57897141	36612854	255.534	242.827

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071646.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 14:01
Operator : YP\AJ
Sample : Q1860-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

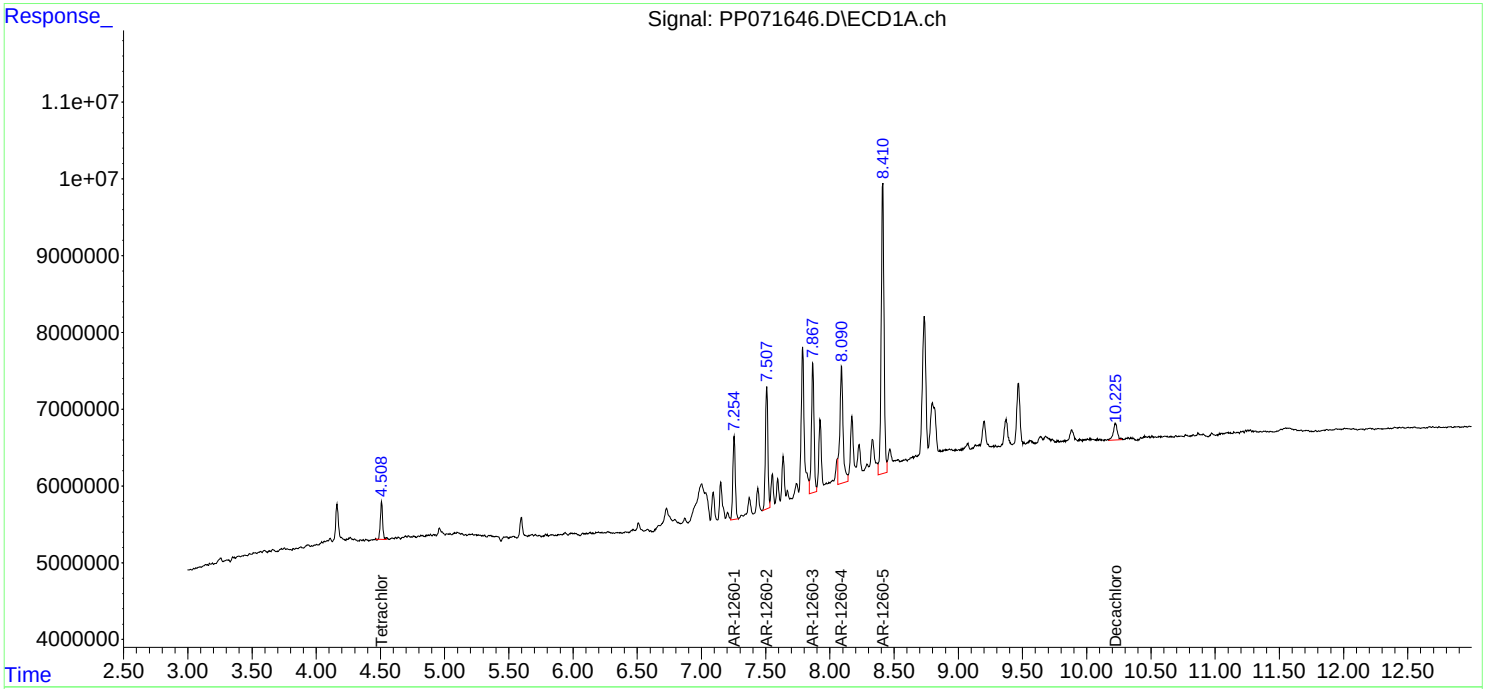
Instrument :
ECD_P
ClientSampleId :
P001-SS006-01DL

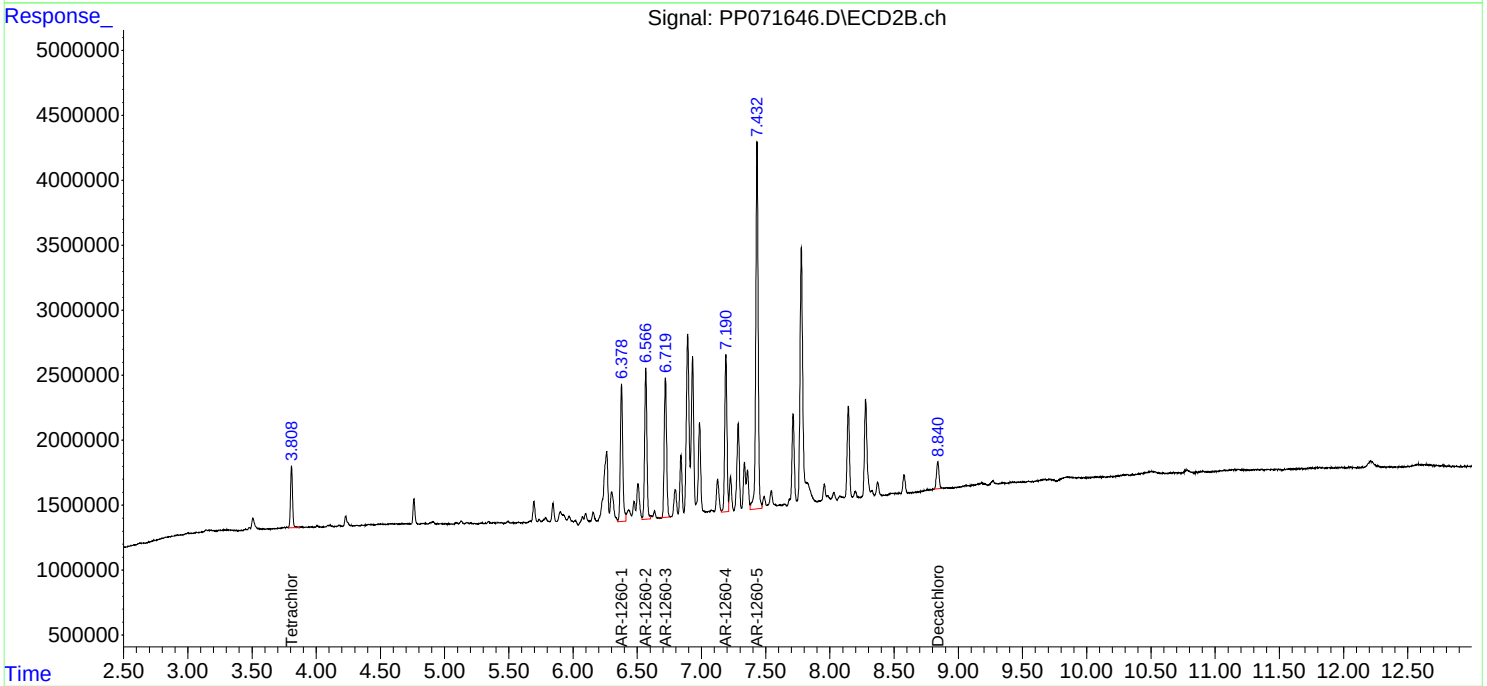
Manual Integrations APPROVED

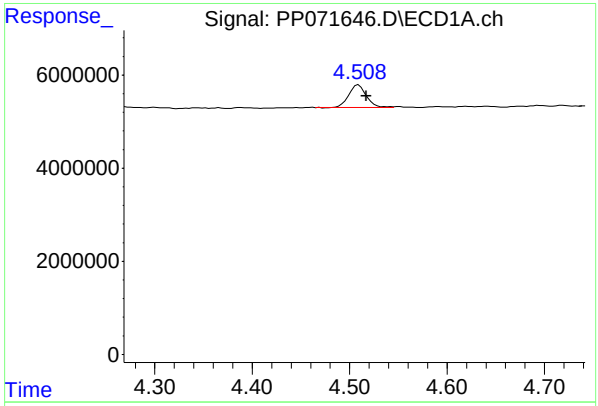
Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 14:09:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







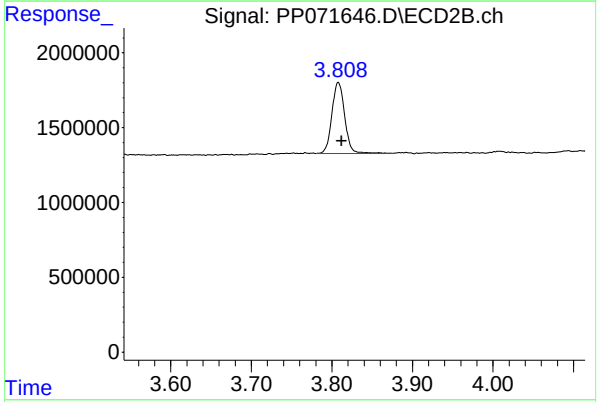
#1 Tetrachloro-m-xylene

R.T.: 4.509 min
Delta R.T.: -0.008 min
Response: 6116771
Conc: 3.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS006-01DL

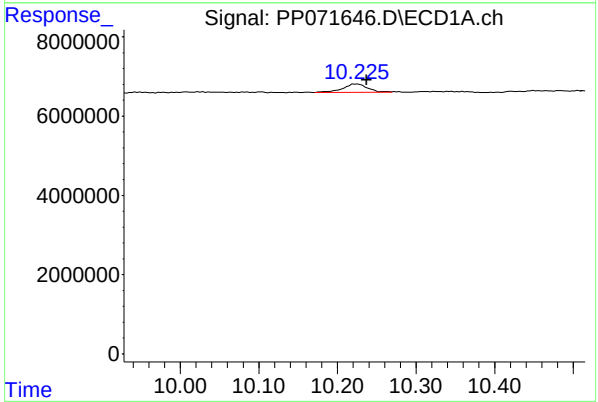
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



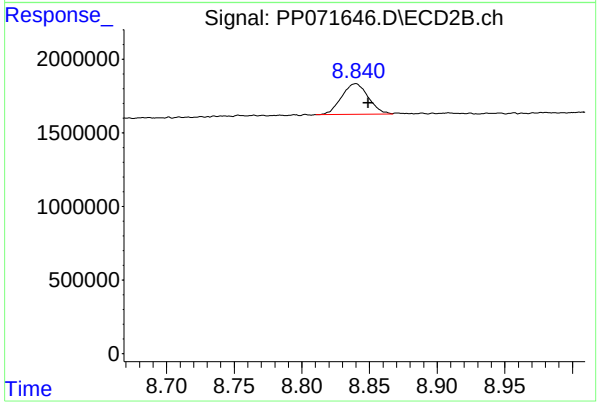
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: -0.004 min
Response: 5240658
Conc: 3.72 ng/ml



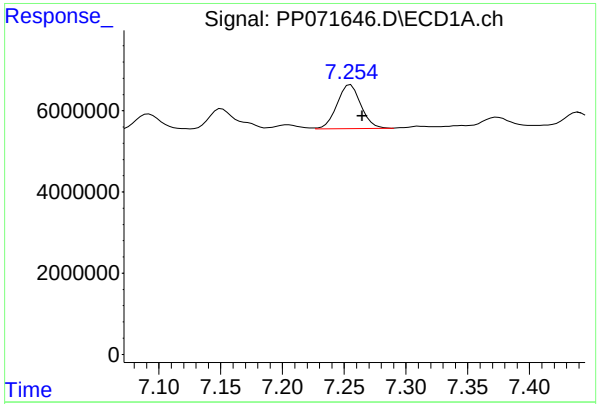
#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: -0.011 min
Response: 4717735
Conc: 3.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.840 min
Delta R.T.: -0.009 min
Response: 2868481
Conc: 3.27 ng/ml



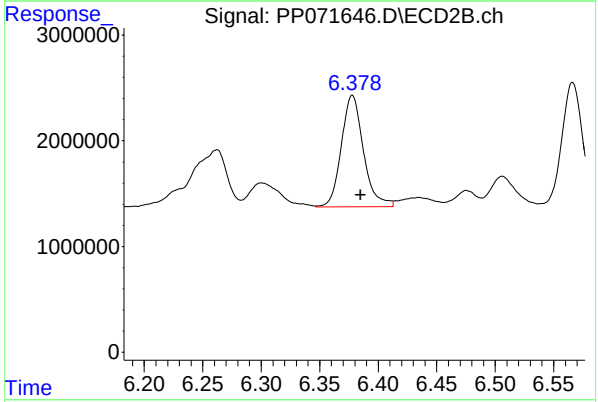
#31 AR-1260-1

R.T.: 7.255 min
Delta R.T.: -0.009 min
Response: 14490827
Conc: 150.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS006-01DL

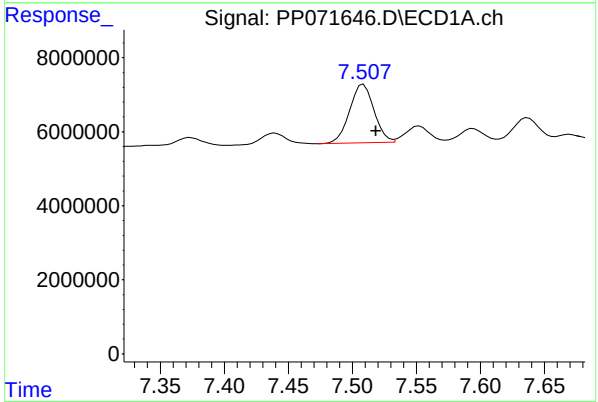
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



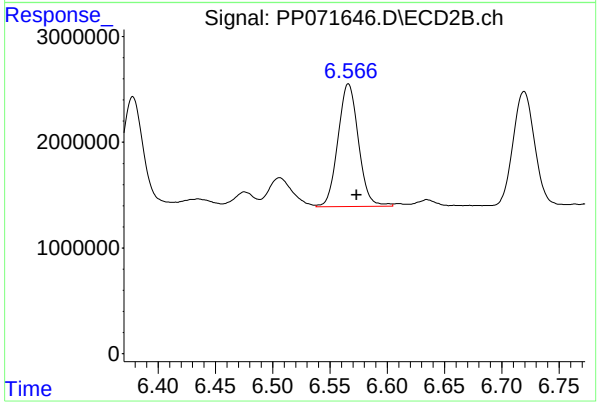
#31 AR-1260-1

R.T.: 6.378 min
Delta R.T.: -0.007 min
Response: 13915320
Conc: 192.47 ng/ml



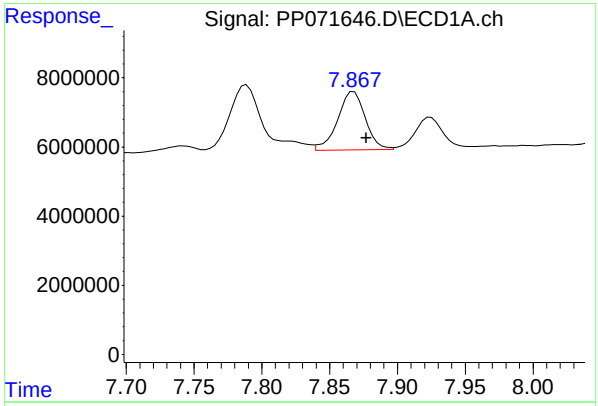
#32 AR-1260-2

R.T.: 7.509 min
Delta R.T.: -0.010 min
Response: 20932487
Conc: 146.30 ng/ml



#32 AR-1260-2

R.T.: 6.566 min
Delta R.T.: -0.007 min
Response: 14431728
Conc: 165.01 ng/ml



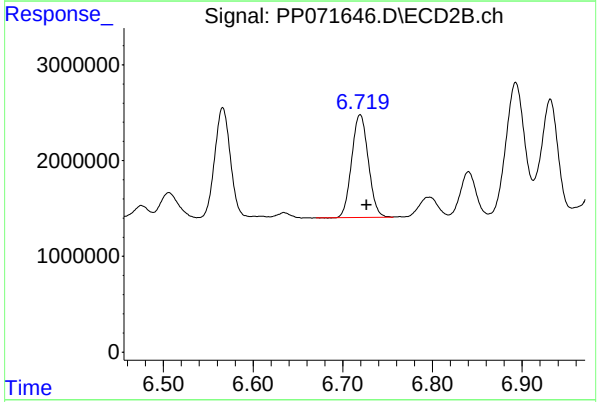
#33 AR-1260-3

R.T.: 7.868 min
Delta R.T.: -0.009 mi
Response: 24087284
Conc: 214.87 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS006-01DL

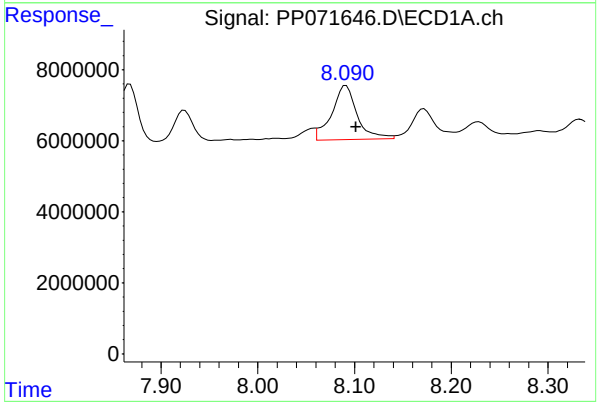
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



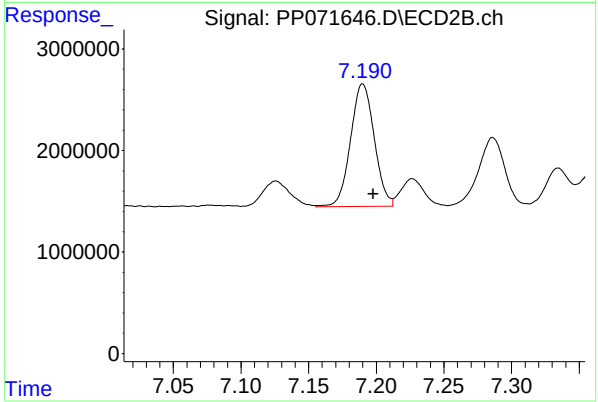
#33 AR-1260-3

R.T.: 6.719 min
Delta R.T.: -0.007 min
Response: 13792082
Conc: 175.95 ng/ml



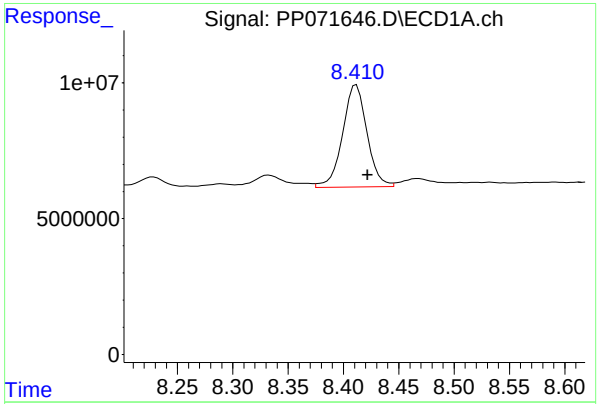
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.012 min
Response: 27459198
Conc: 243.29 ng/ml m



#34 AR-1260-4

R.T.: 7.190 min
Delta R.T.: -0.008 min
Response: 14708059
Conc: 233.05 ng/ml



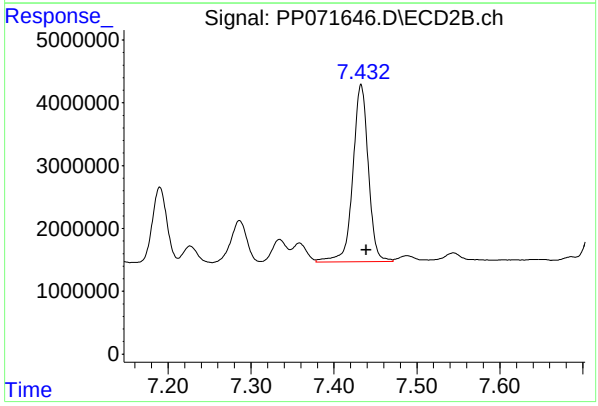
#35 AR-1260-5

R.T.: 8.412 min
Delta R.T.: -0.010 min
Response: 57897141
Conc: 255.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS006-01DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



#35 AR-1260-5

R.T.: 7.433 min
Delta R.T.: -0.006 min
Response: 36612854
Conc: 242.83 ng/ml

Raw Data: **PP071436.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS007-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071436.D	1	04/24/25 08:32	04/24/25 15:08	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.4	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.4	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.4	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.4	ug/kg
12672-29-6	Aroclor-1248	4200	E	6.80	19.4	ug/kg
11097-69-1	Aroclor-1254	3900	E	3.70	19.4	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.4	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.4	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.3		32 - 144	136%	SPK: 20
2051-24-3	Decachlorobiphenyl	42.9	*	32 - 175	215%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071436.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:08
Operator : YP\AJ
Sample : Q1860-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:35:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.813	54076131	32545635	27.275	23.104
2)	SA Decachlor...	10.232	8.843	46788378	37623502	32.312	42.898 #
	Target Compounds						
21)	L5 AR-1248-1	5.669	4.897	442.2E6	355.1E6	10298.016	9835.882
22)	L5 AR-1248-2	5.939	5.134	640.2E6	528.7E6	10594.221	10797.653
23)	L5 AR-1248-3	6.140	5.176	836.0E6	487.4E6	12518.125m	9540.202
24)	L5 AR-1248-4	6.541	5.348	836.3E6	626.3E6	9883.982	10325.104m
25)	L5 AR-1248-5	6.580	5.741	981.0E6	647.7E6	12348.218	11112.188
26)	L6 AR-1254-1	6.516	5.701	873.0E6	1028.6E6	10652.764	11253.351
27)	L6 AR-1254-2	6.735	5.849	1401.6E6	518.9E6	11029.564	6592.781 #
28)	L6 AR-1254-3	7.097	6.253	1096.5E6	951.6E6	8581.146	8030.152
29)	L6 AR-1254-4	7.379	6.481	923.4E6	497.2E6	7857.726	6443.188
30)	L6 AR-1254-5	7.796	6.898	1436.6E6	854.6E6	13334.877	8422.400 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP071436.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:08
Operator : YP\AJ
Sample : Q1860-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

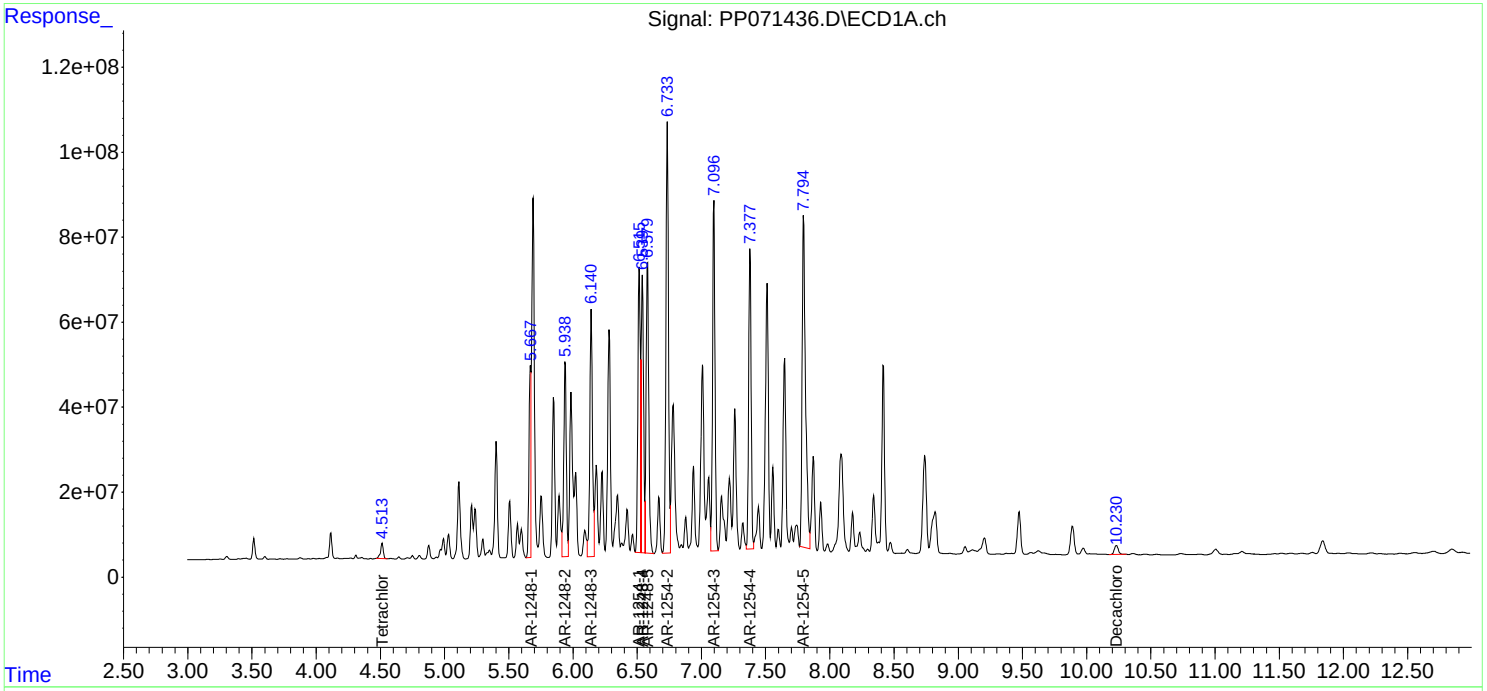
Instrument :
ECD_P
ClientSampleId :
P001-SS007-01

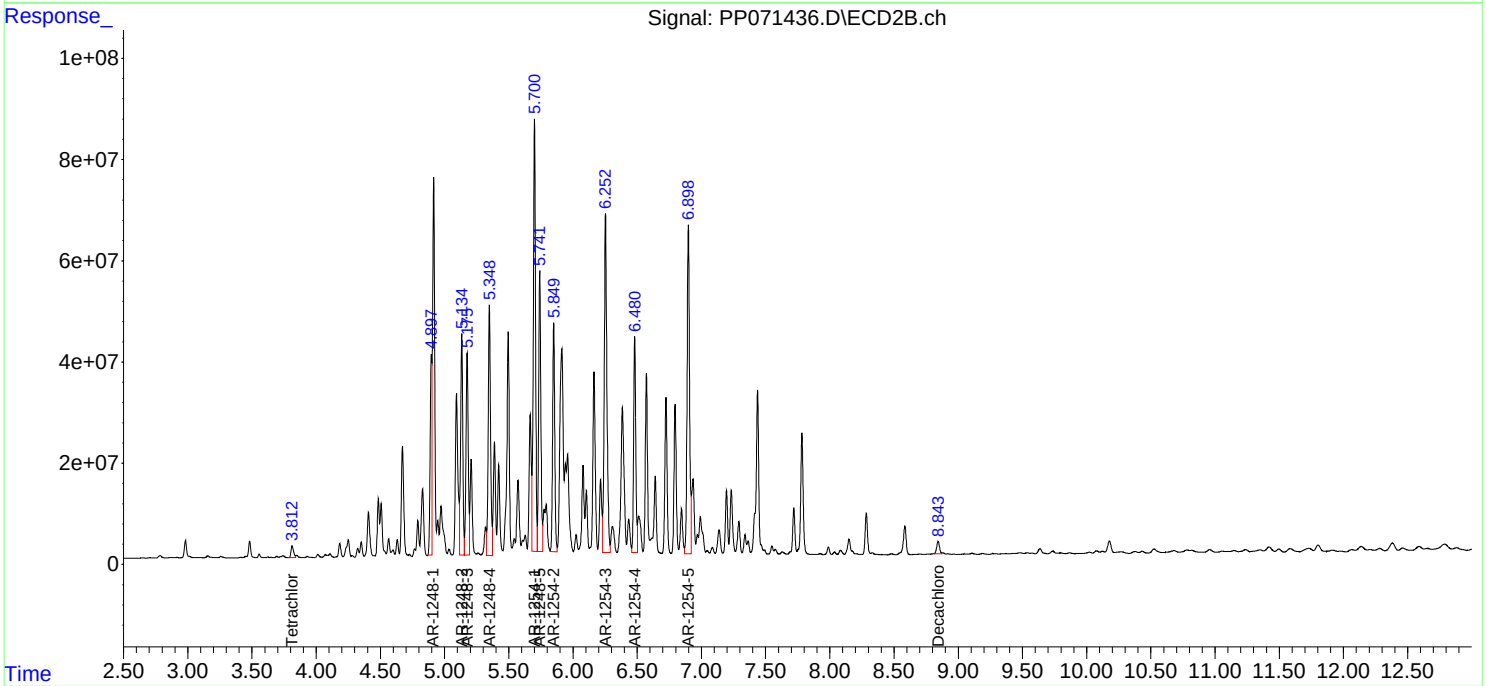
Manual Integrations APPROVED

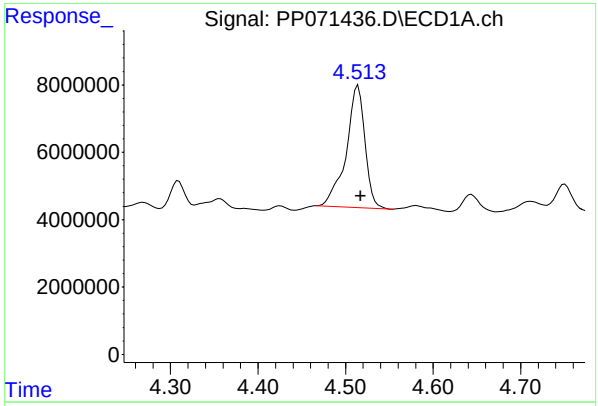
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:35:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







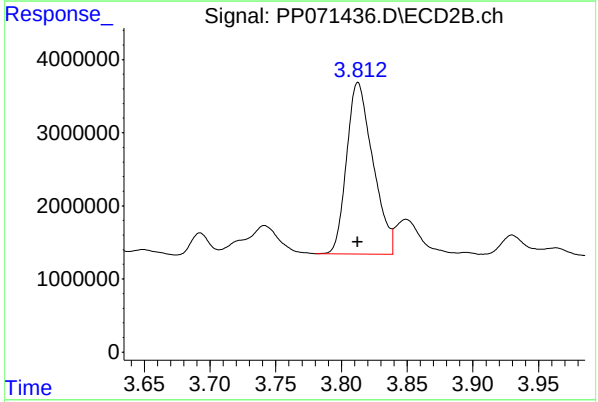
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 54076131
Conc: 27.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01

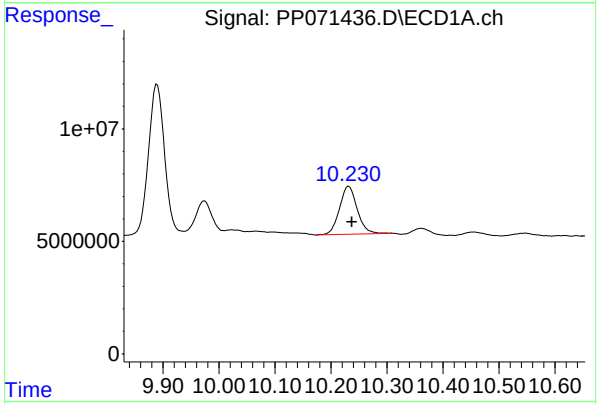
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



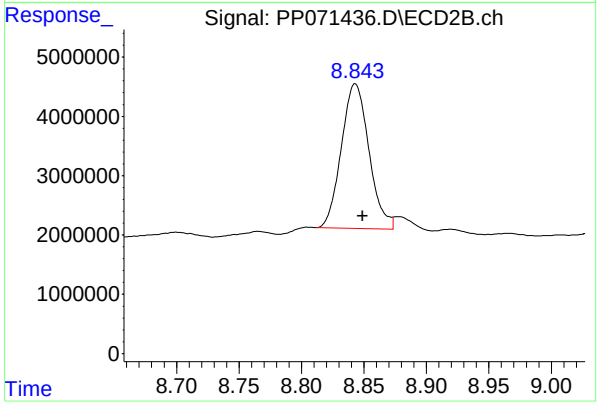
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 32545635
Conc: 23.10 ng/ml



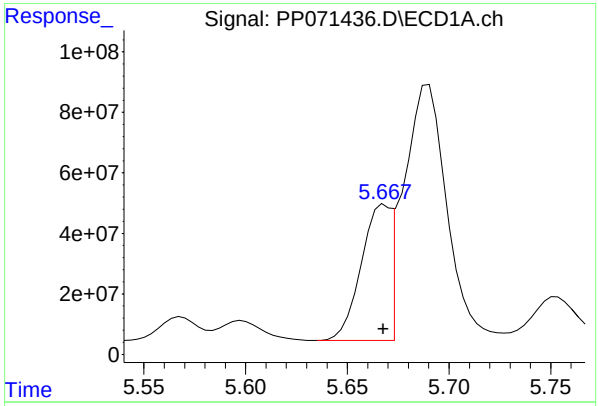
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: -0.006 min
Response: 46788378
Conc: 32.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.843 min
Delta R.T.: -0.006 min
Response: 37623502
Conc: 42.90 ng/ml



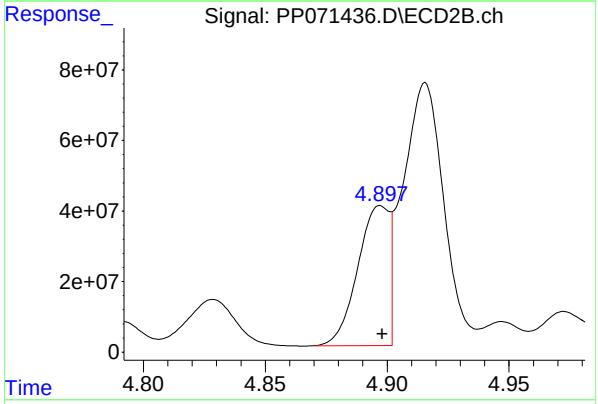
#21 AR-1248-1

R.T.: 5.669 min
Delta R.T.: 0.001 mi
Response: 442185360
Conc: 10298.02 ng/

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01

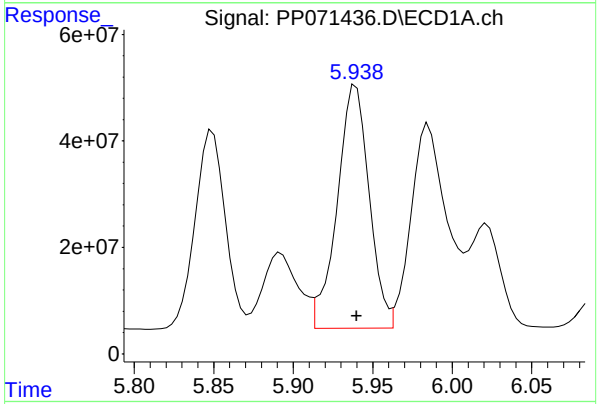
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



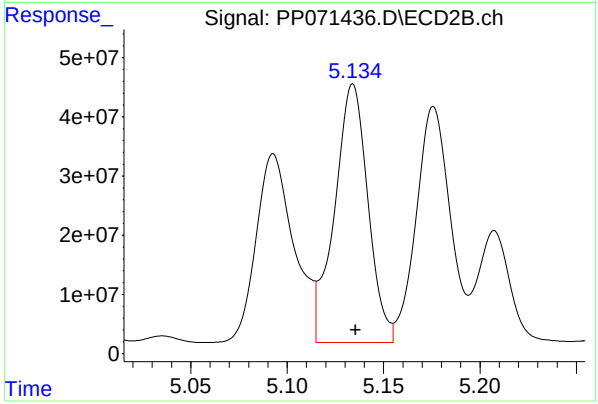
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 355140137
Conc: 9835.88 ng/ml



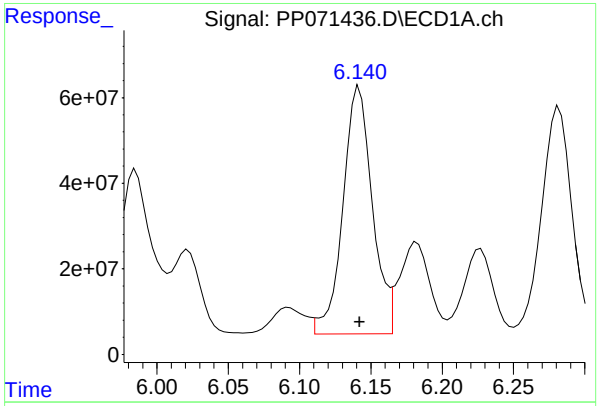
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 640235212
Conc: 10594.22 ng/ml



#22 AR-1248-2

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 528679034
Conc: 10797.65 ng/ml



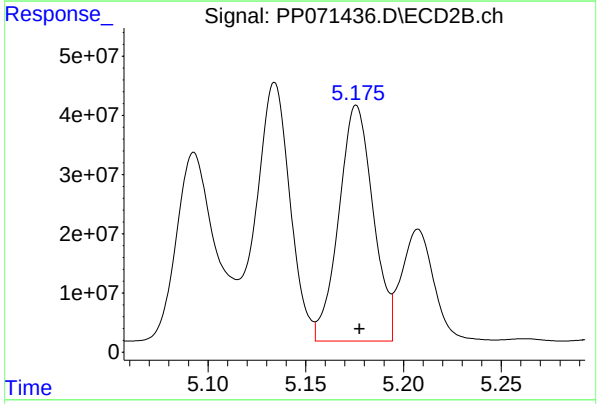
#23 AR-1248-3

R.T.: 6.140 min
Delta R.T.: -0.002 mi
Response: 836015838
Conc: 12518.13 ng/

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01

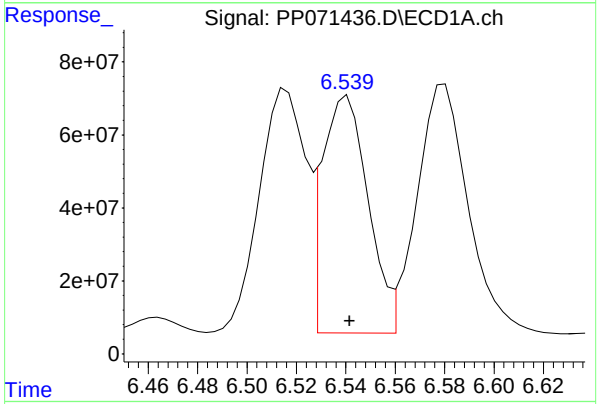
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



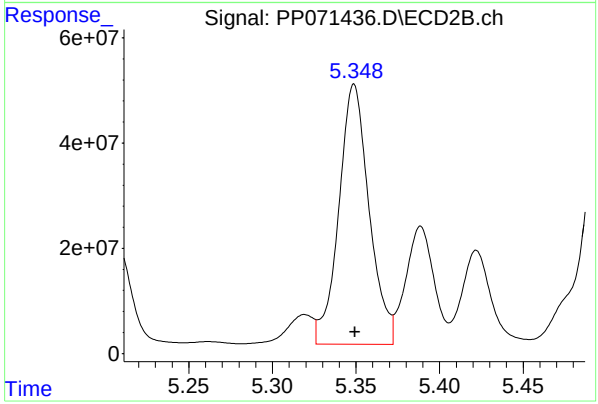
#23 AR-1248-3

R.T.: 5.176 min
Delta R.T.: -0.002 min
Response: 487366013
Conc: 9540.20 ng/ml



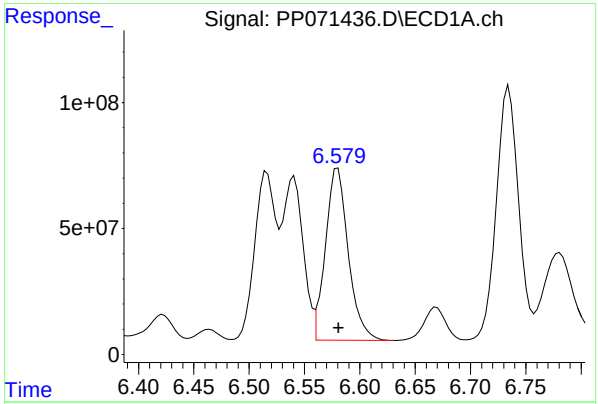
#24 AR-1248-4

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 836292539
Conc: 9883.98 ng/ml



#24 AR-1248-4

R.T.: 5.348 min
Delta R.T.: -0.001 min
Response: 626292846
Conc: 10325.10 ng/ml m



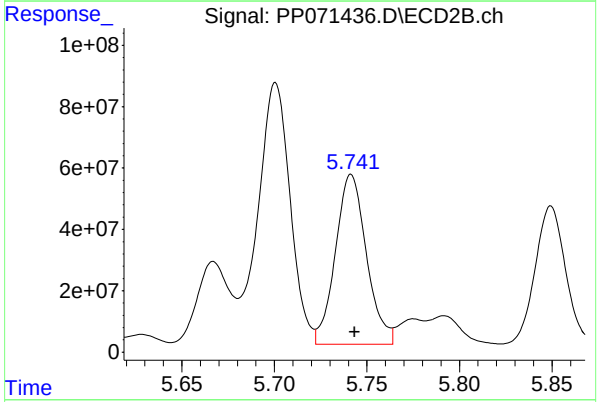
#25 AR-1248-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 981044923
Conc: 12348.22 ng/

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01

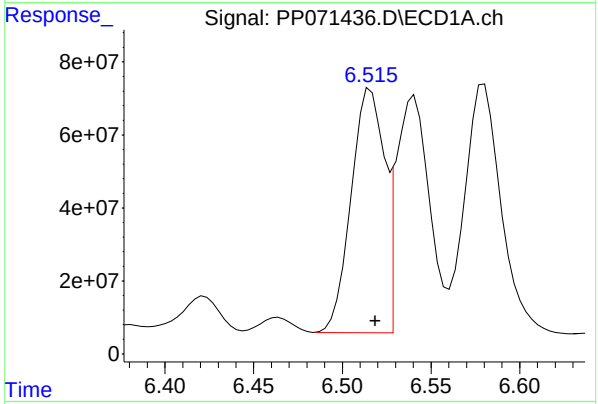
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



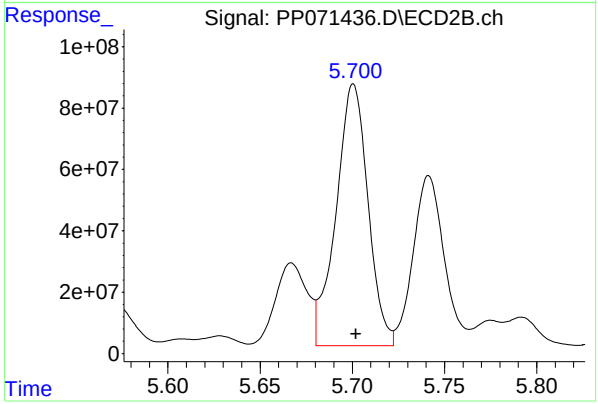
#25 AR-1248-5

R.T.: 5.741 min
Delta R.T.: -0.002 min
Response: 647739194
Conc: 11112.19 ng/ml



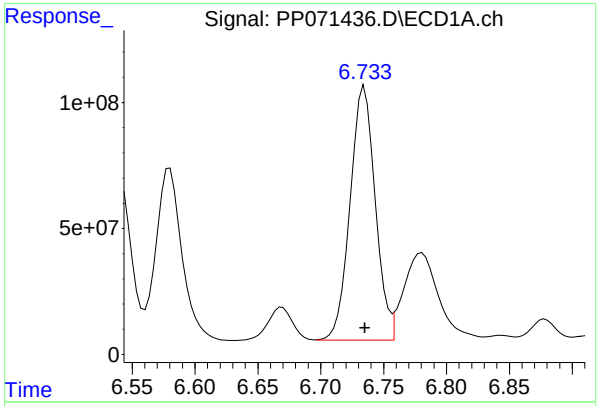
#26 AR-1254-1

R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 873006642
Conc: 10652.76 ng/ml



#26 AR-1254-1

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 1028560781
Conc: 11253.35 ng/ml



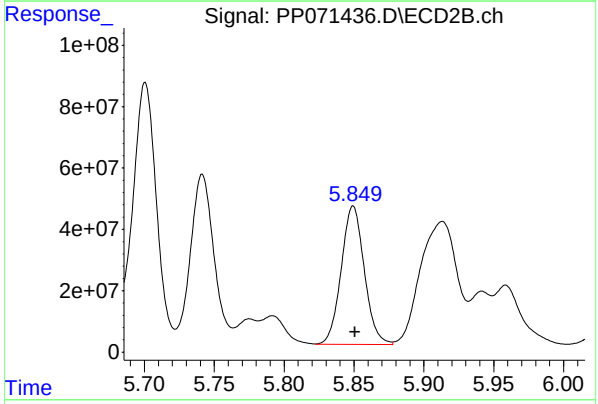
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 1401594761
Conc: 11029.56 ng/

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01

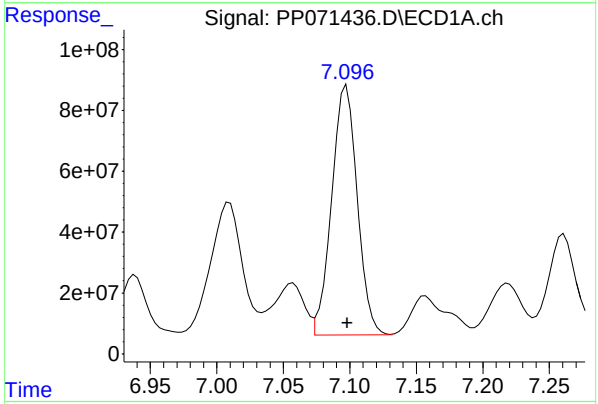
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



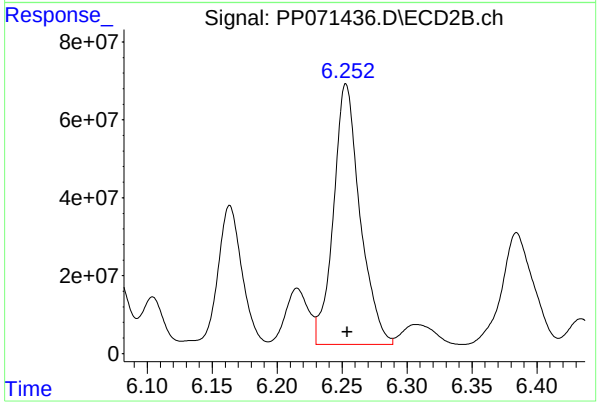
#27 AR-1254-2

R.T.: 5.849 min
Delta R.T.: -0.001 min
Response: 518932182
Conc: 6592.78 ng/ml



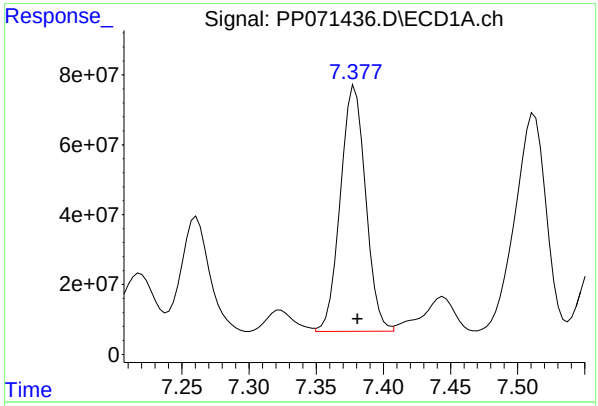
#28 AR-1254-3

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 1096453986
Conc: 8581.15 ng/ml



#28 AR-1254-3

R.T.: 6.253 min
Delta R.T.: -0.001 min
Response: 951639762
Conc: 8030.15 ng/ml



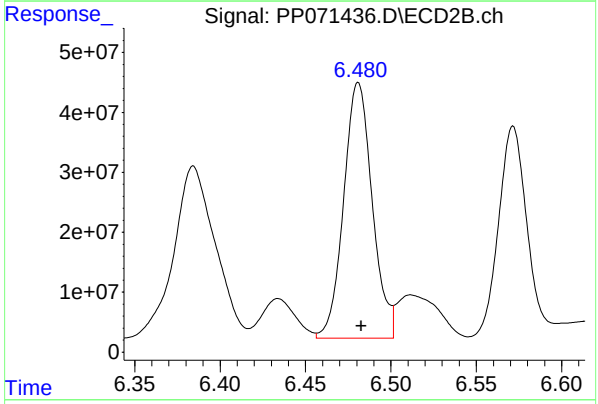
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: -0.002 min
Response: 923388018
Conc: 7857.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01

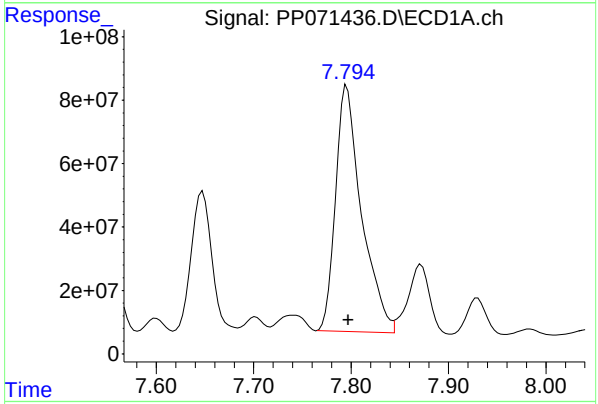
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



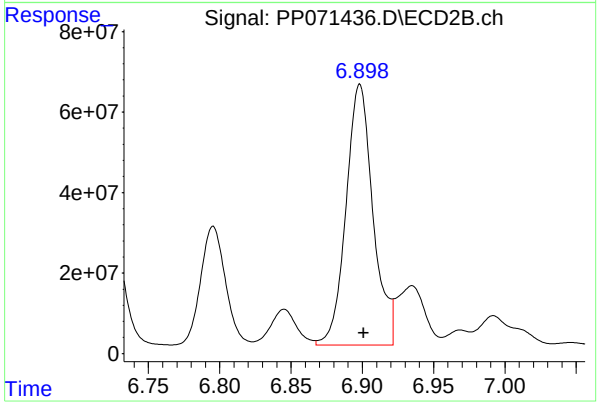
#29 AR-1254-4

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 497192550
Conc: 6443.19 ng/ml



#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: -0.001 min
Response: 1436570258
Conc: 13334.88 ng/ml



#30 AR-1254-5

R.T.: 6.898 min
Delta R.T.: -0.003 min
Response: 854601570
Conc: 8422.40 ng/ml

Raw Data: **PP071447.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS007-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-10DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071447.D	25	04/24/25 08:32	04/24/25 19:45	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	113	UD	113	485	ug/kg
11104-28-2	Aroclor-1221	115	UD	115	485	ug/kg
11141-16-5	Aroclor-1232	106	UD	106	485	ug/kg
53469-21-9	Aroclor-1242	114	UD	114	485	ug/kg
12672-29-6	Aroclor-1248	4000	D	169	485	ug/kg
11097-69-1	Aroclor-1254	3400	D	91.6	485	ug/kg
37324-23-5	Aroclor-1262	143	UD	143	485	ug/kg
11100-14-4	Aroclor-1268	103	UD	103	485	ug/kg
11096-82-5	Aroclor-1260	92.2	UD	92.2	485	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	35.5	*	32 - 175	178%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071447.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 19:45
Operator : YP\AJ
Sample : Q1860-10DL 25X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:28:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.812	1733459	1082658	0.874	0.769
2)	SA Decachlor...	10.231	8.842	2053493	1211801	1.418	1.382
	Target Compounds						
21)	L5 AR-1248-1	5.667	4.896	15703610	14661047	365.720m	406.049
22)	L5 AR-1248-2	5.939	5.133	24582077	22653455	406.769	462.670
23)	L5 AR-1248-3	6.140	5.175	30085897	20613223	450.493m	403.504
24)	L5 AR-1248-4	6.540	5.347	30375824	24892892	359.006	410.386m
25)	L5 AR-1248-5	6.580	5.741	35331656	24620438	444.713	422.372
26)	L6 AR-1254-1	6.516	5.699	32229101	38393846	393.272	420.062
27)	L6 AR-1254-2	6.734	5.848	53465258	20672127	420.734	262.629 #
28)	L6 AR-1254-3	7.097	6.252	38412720	37006060	300.628	312.266
29)	L6 AR-1254-4	7.379	6.480	31481478	20418581	267.897	264.607
30)	L6 AR-1254-5	7.795	6.897	44038279	28443598	408.783	280.322 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP071447.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 19:45
Operator : YP\AJ
Sample : Q1860-10DL 25X
Misc :
ALS Vial : 21 Sample Multiplier: 1

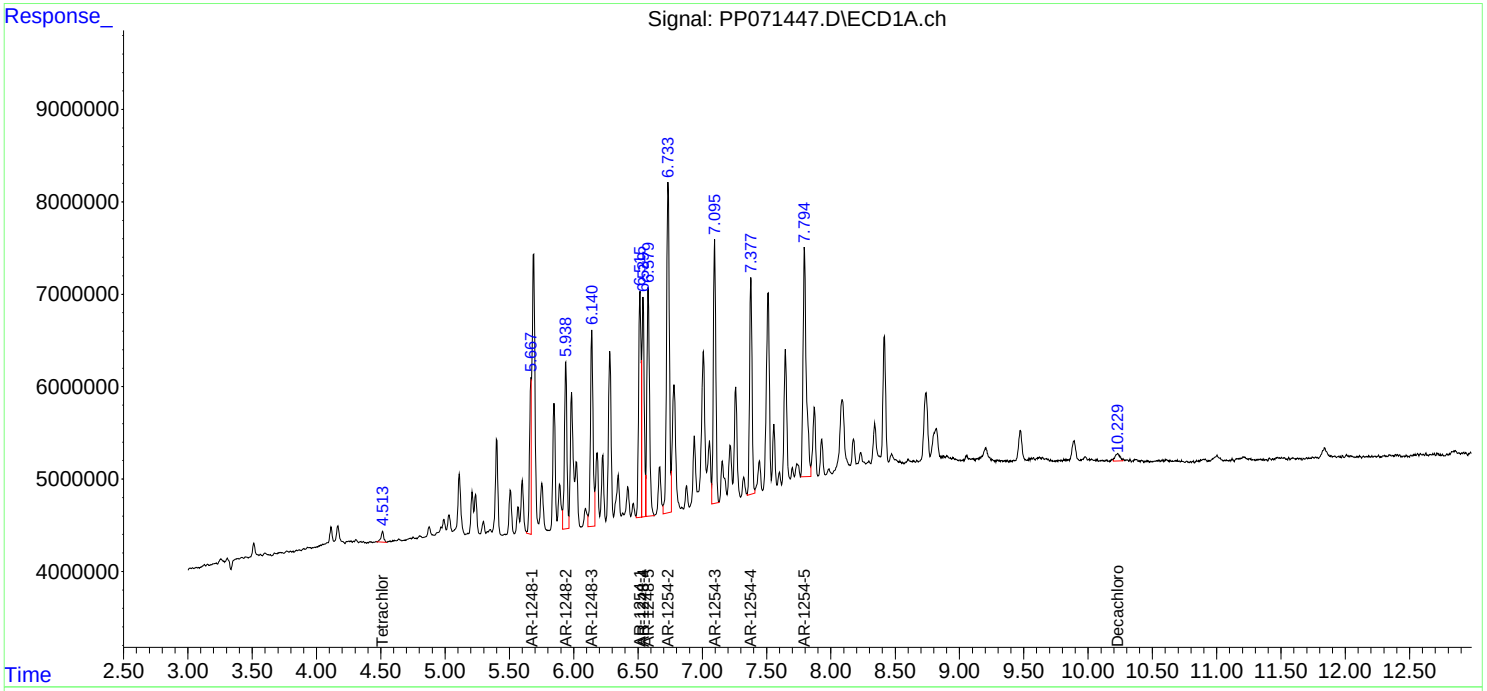
Instrument :
ECD_P
ClientSampleId :
P001-SS007-01DL

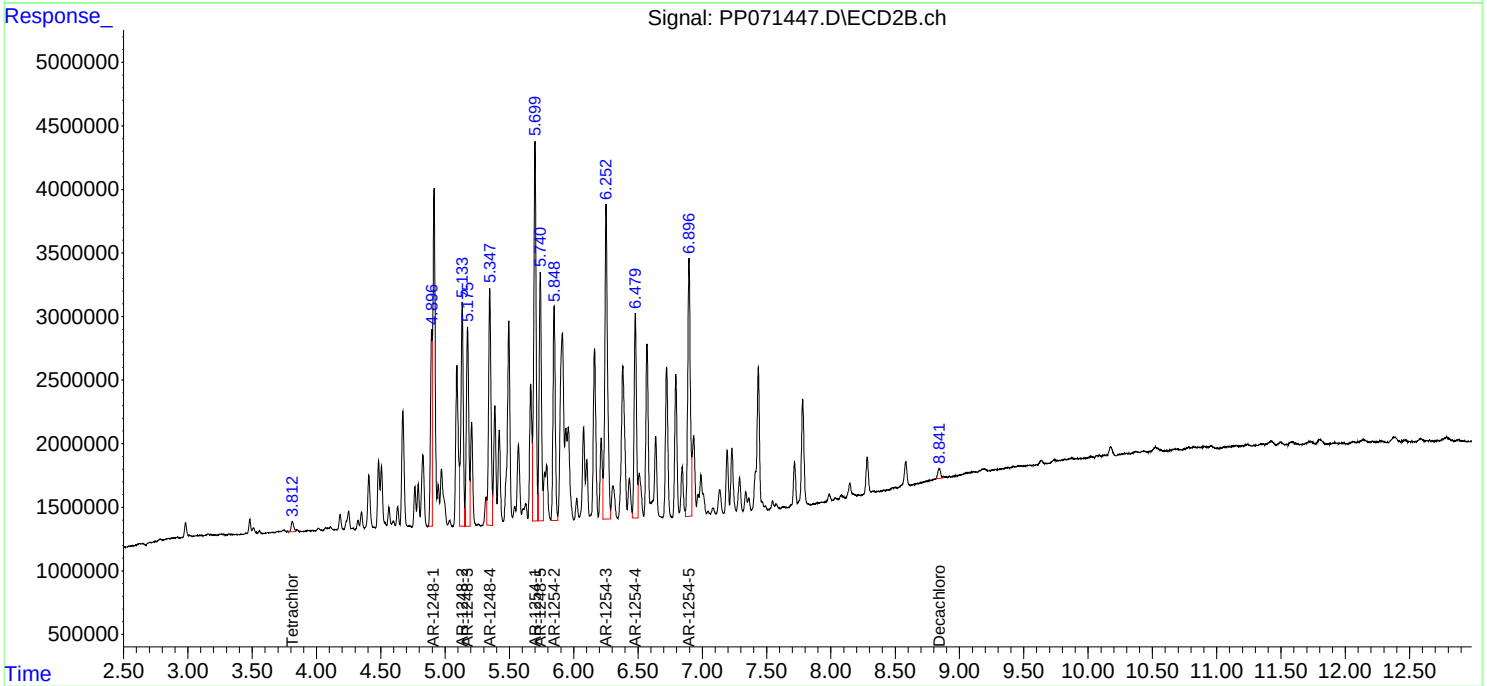
Manual Integrations APPROVED

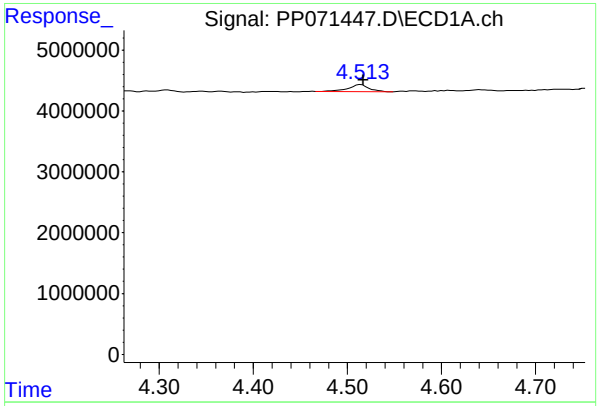
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:28:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







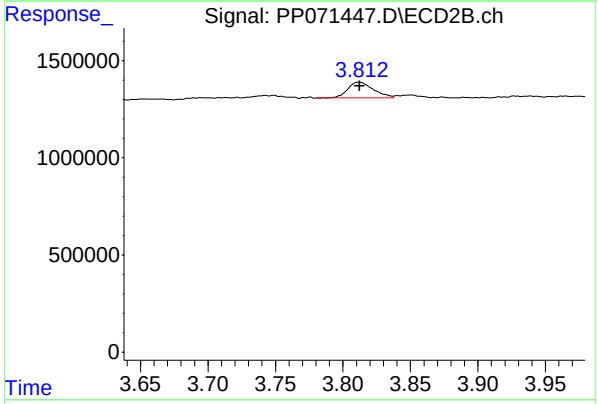
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 1733459
Conc: 0.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01DL

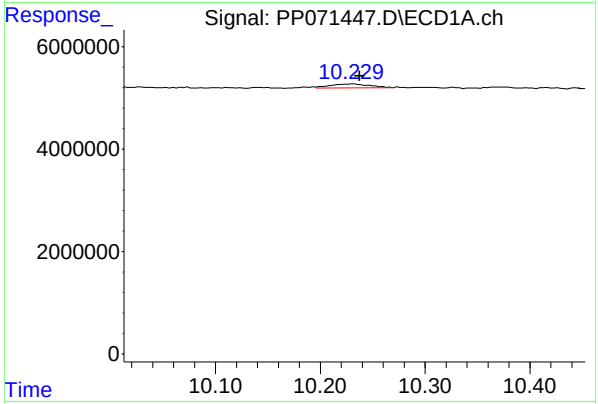
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



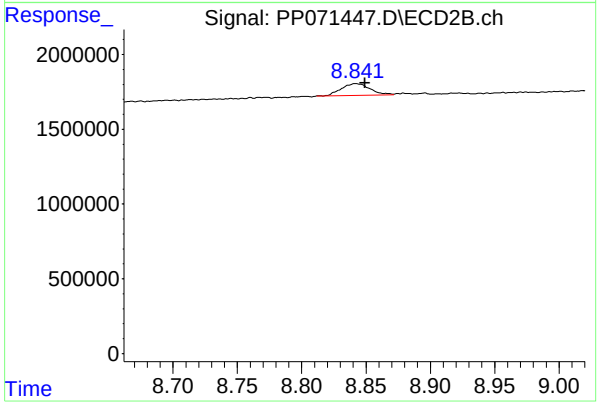
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 1082658
Conc: 0.77 ng/ml



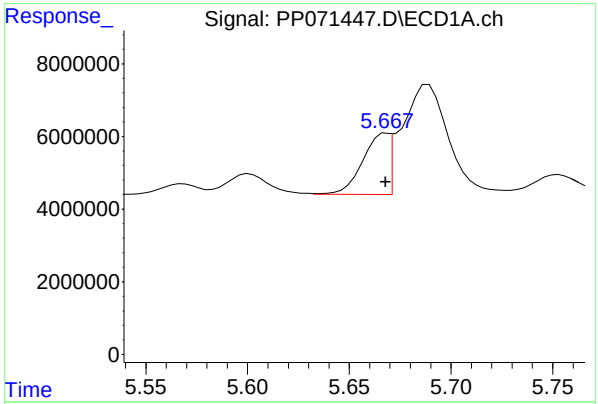
#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: -0.007 min
Response: 2053493
Conc: 1.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.842 min
Delta R.T.: -0.007 min
Response: 1211801
Conc: 1.38 ng/ml



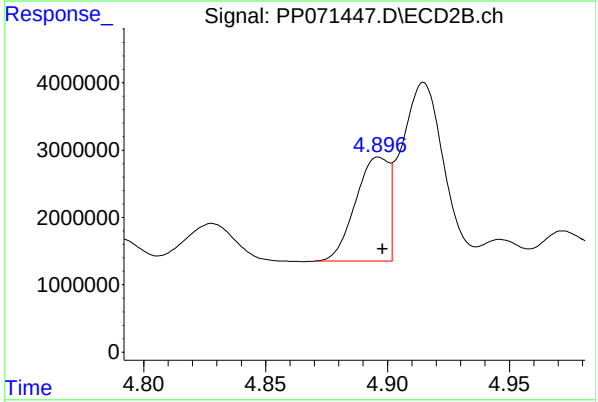
#21 AR-1248-1

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 15703610
Conc: 365.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01DL

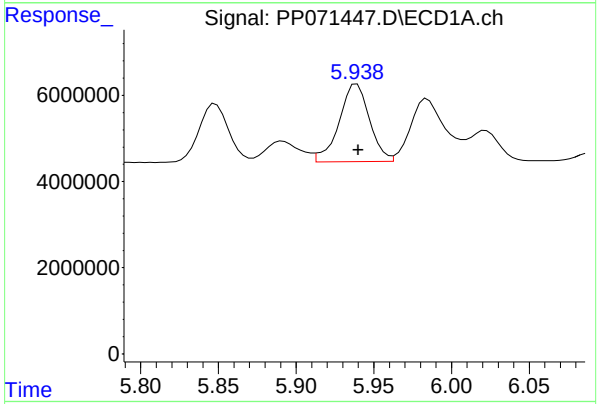
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



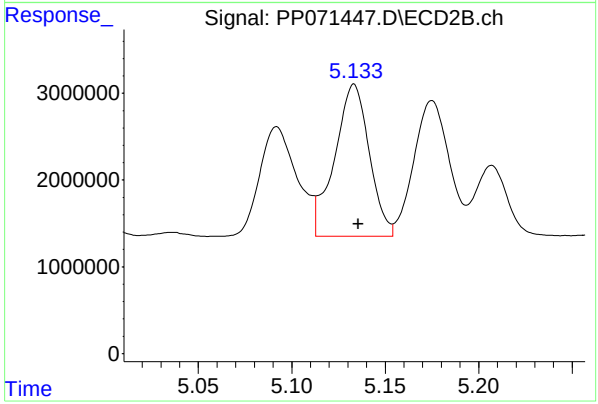
#21 AR-1248-1

R.T.: 4.896 min
Delta R.T.: -0.002 min
Response: 14661047
Conc: 406.05 ng/ml



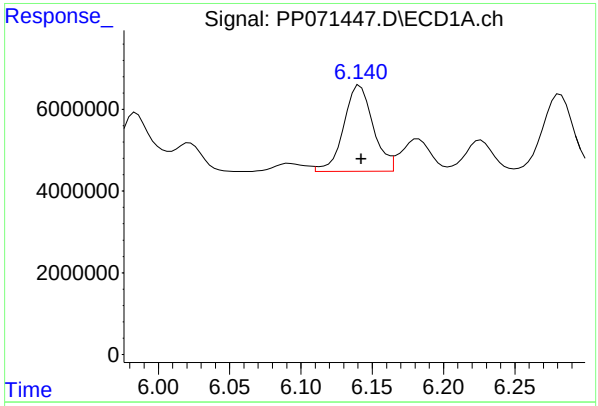
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 24582077
Conc: 406.77 ng/ml



#22 AR-1248-2

R.T.: 5.133 min
Delta R.T.: -0.002 min
Response: 22653455
Conc: 462.67 ng/ml



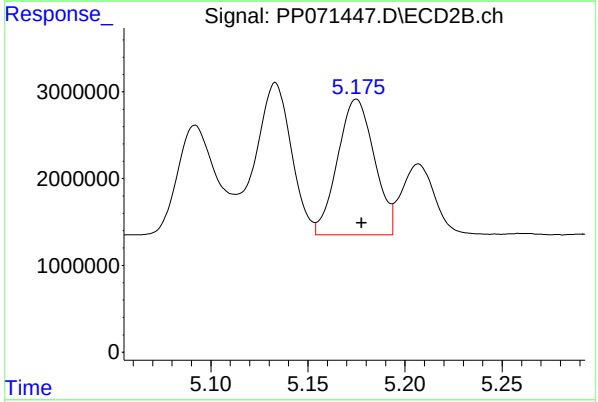
#23 AR-1248-3

R.T.: 6.140 min
Delta R.T.: -0.002 mi
Response: 30085897
Conc: 450.49 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01DL

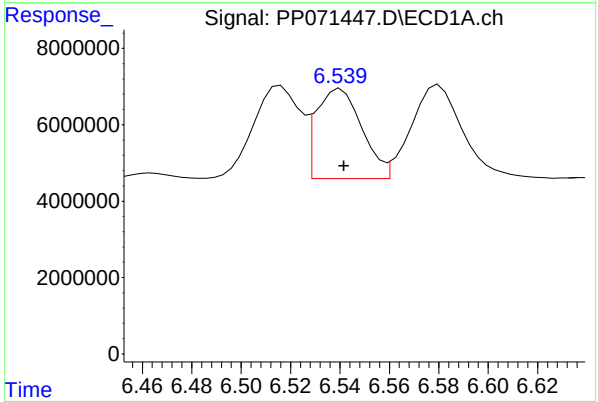
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



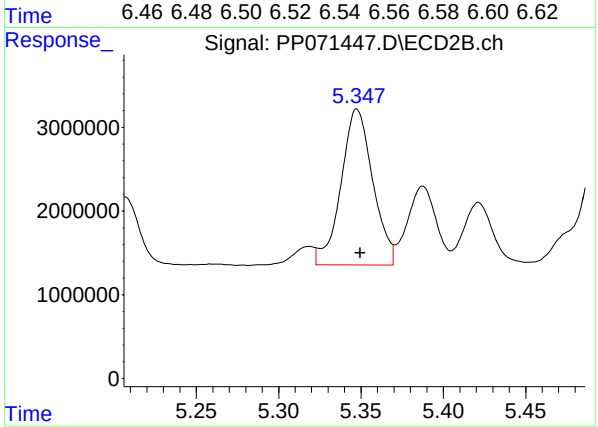
#23 AR-1248-3

R.T.: 5.175 min
Delta R.T.: -0.003 min
Response: 20613223
Conc: 403.50 ng/ml



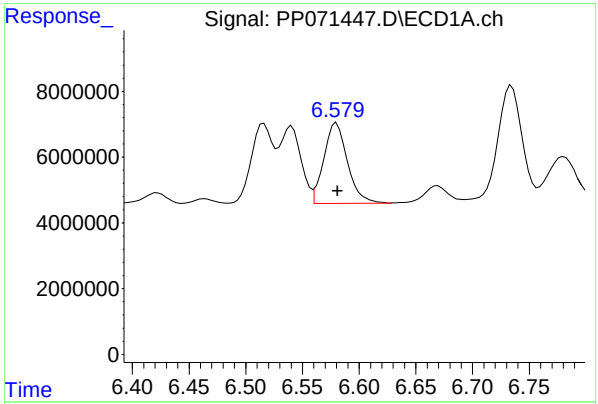
#24 AR-1248-4

R.T.: 6.540 min
Delta R.T.: -0.001 min
Response: 30375824
Conc: 359.01 ng/ml



#24 AR-1248-4

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 24892892
Conc: 410.39 ng/ml m



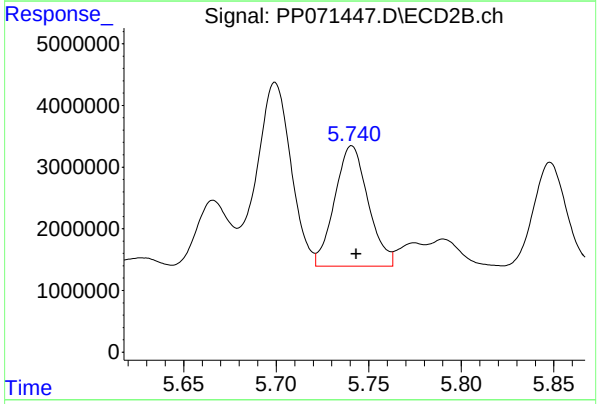
#25 AR-1248-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 35331656
Conc: 444.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01DL

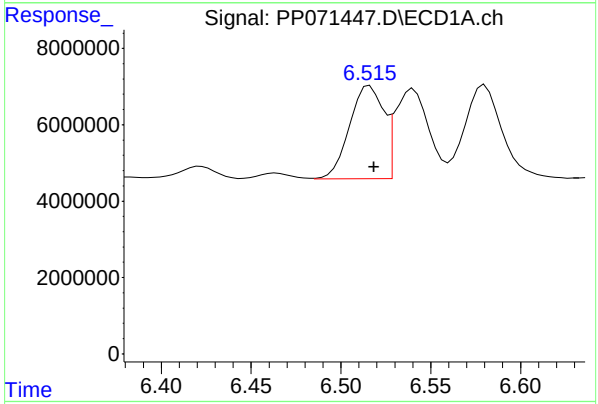
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



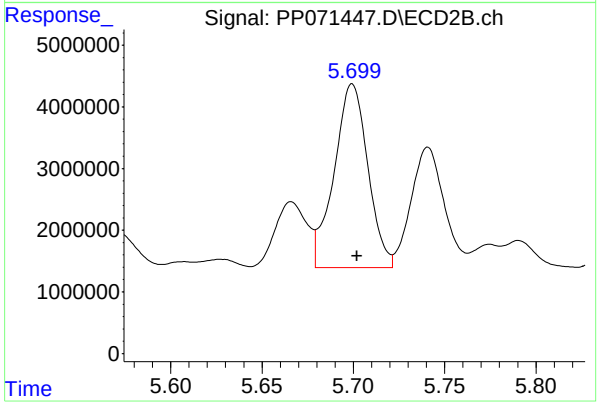
#25 AR-1248-5

R.T.: 5.741 min
Delta R.T.: -0.003 min
Response: 24620438
Conc: 422.37 ng/ml



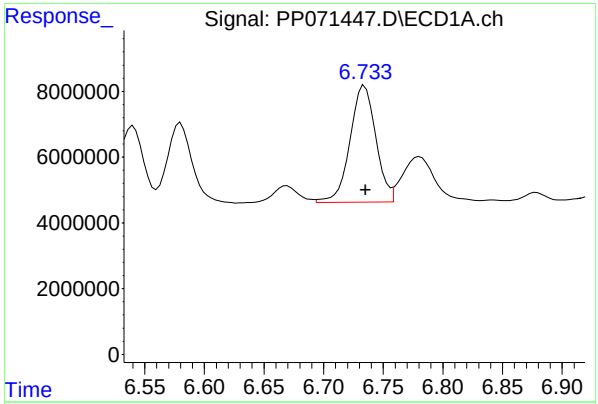
#26 AR-1254-1

R.T.: 6.516 min
Delta R.T.: -0.003 min
Response: 32229101
Conc: 393.27 ng/ml



#26 AR-1254-1

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 38393846
Conc: 420.06 ng/ml



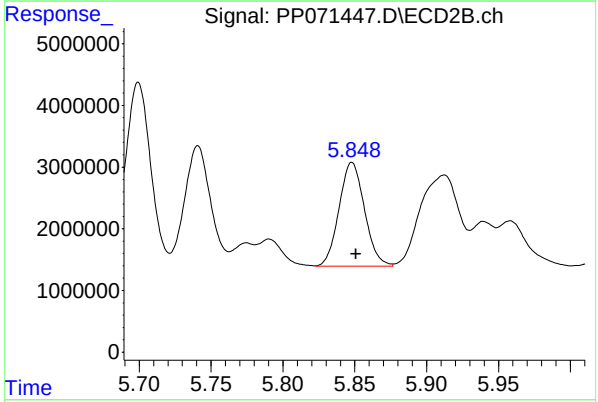
#27 AR-1254-2

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 53465258
Conc: 420.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01DL

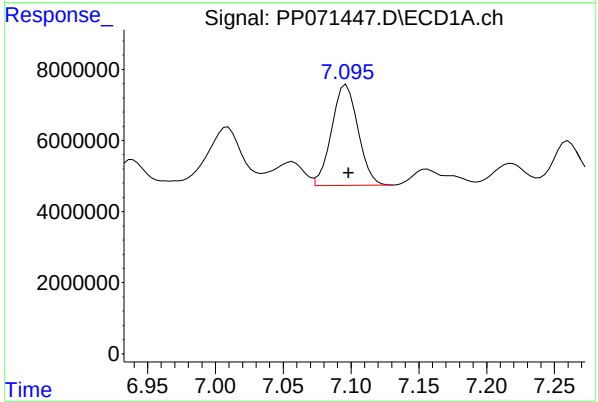
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



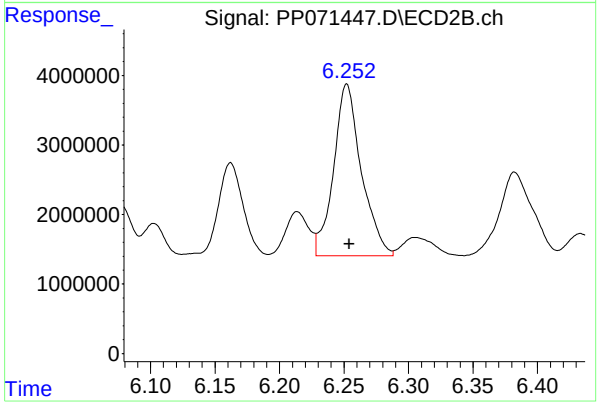
#27 AR-1254-2

R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 20672127
Conc: 262.63 ng/ml



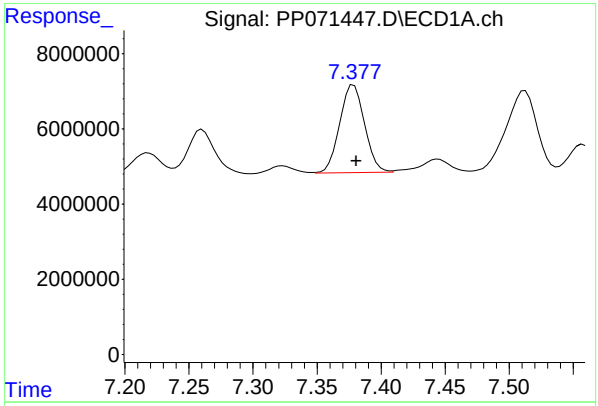
#28 AR-1254-3

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 38412720
Conc: 300.63 ng/ml



#28 AR-1254-3

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 37006060
Conc: 312.27 ng/ml



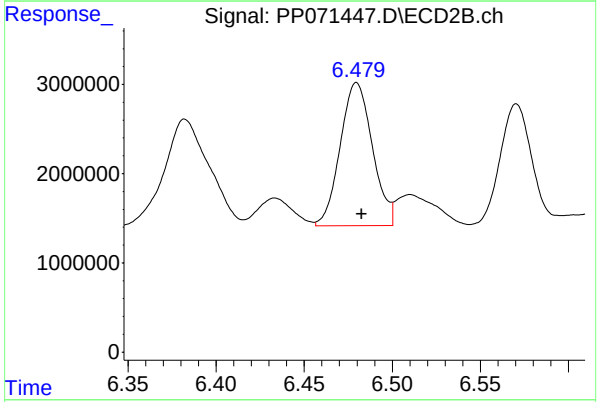
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: -0.002 min
Response: 31481478
Conc: 267.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS007-01DL

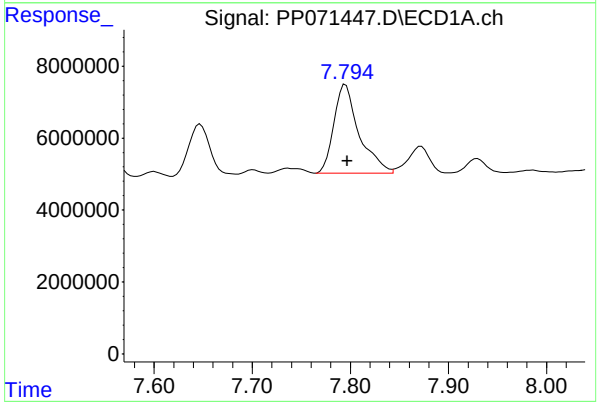
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



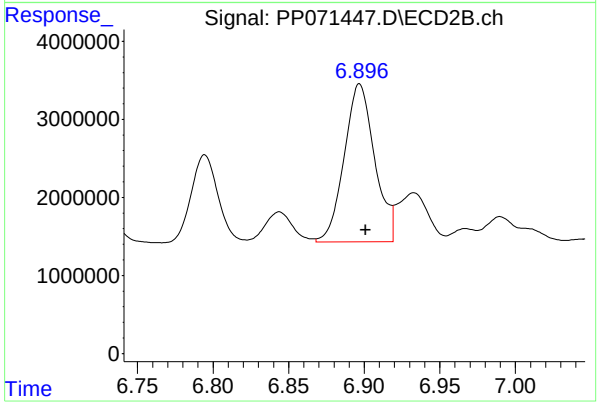
#29 AR-1254-4

R.T.: 6.480 min
Delta R.T.: -0.003 min
Response: 20418581
Conc: 264.61 ng/ml



#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 44038279
Conc: 408.78 ng/ml



#30 AR-1254-5

R.T.: 6.897 min
Delta R.T.: -0.004 min
Response: 28443598
Conc: 280.32 ng/ml

Raw Data: **PP071437.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS008-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.8 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071437.D	1	04/24/25 08:32	04/24/25 15:25	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	19.1	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.1	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.1	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.1	ug/kg
12672-29-6	Aroclor-1248	7200	E	6.70	19.1	ug/kg
11097-69-1	Aroclor-1254	7000	E	3.60	19.1	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	19.1	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.1	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	36.9	*	32 - 144	184%	SPK: 20
2051-24-3	Decachlorobiphenyl	81.3	*	32 - 175	407%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP071437.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:25
Operator : YP\AJ
Sample : Q1860-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:25:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.816	73090709	37737602	36.865	26.790 #
2)	SA Decachlor...	10.230	8.842	58946026	71348116	40.708	81.350m#
	Target Compounds						
21)	L5 AR-1248-1	5.666	4.897	621.2E6	662.2E6	14465.942m	18339.669 #
22)	L5 AR-1248-2	5.938	5.135	1129.0E6	1026.6E6	18682.080	20966.490
23)	L5 AR-1248-3	6.139	5.176	1450.3E6	921.8E6	21715.560m	18044.687
24)	L5 AR-1248-4	6.539	5.349	1498.9E6	1152.2E6	17715.663	18995.545m
25)	L5 AR-1248-5	6.579	5.742	1776.8E6	1138.5E6	22364.454	19530.832
26)	L6 AR-1254-1	6.515	5.701	1564.0E6	1831.8E6	19084.746	20041.439
27)	L6 AR-1254-2	6.733	5.850	2509.1E6	980.1E6	19744.753	12452.101 #
28)	L6 AR-1254-3	7.095	6.253	2007.3E6	1763.9E6	15710.023	14884.121
29)	L6 AR-1254-4	7.377	6.481	1710.7E6	946.6E6	14557.312	12266.942
30)	L6 AR-1254-5	7.795	6.899	2599.8E6	1519.1E6	24132.950	14970.982 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:25
Operator : YP\AJ
Sample : Q1860-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

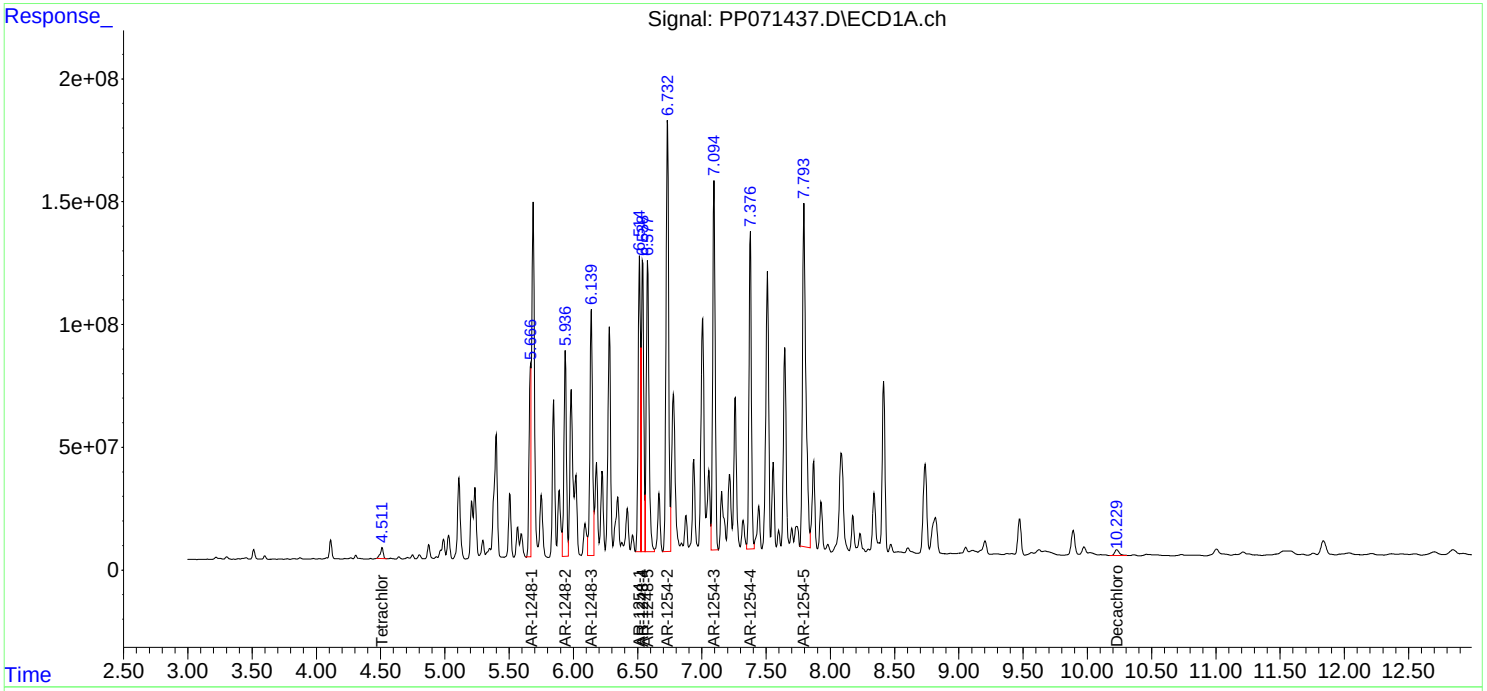
Instrument :
ECD_P
ClientSampleId :
P001-SS008-01

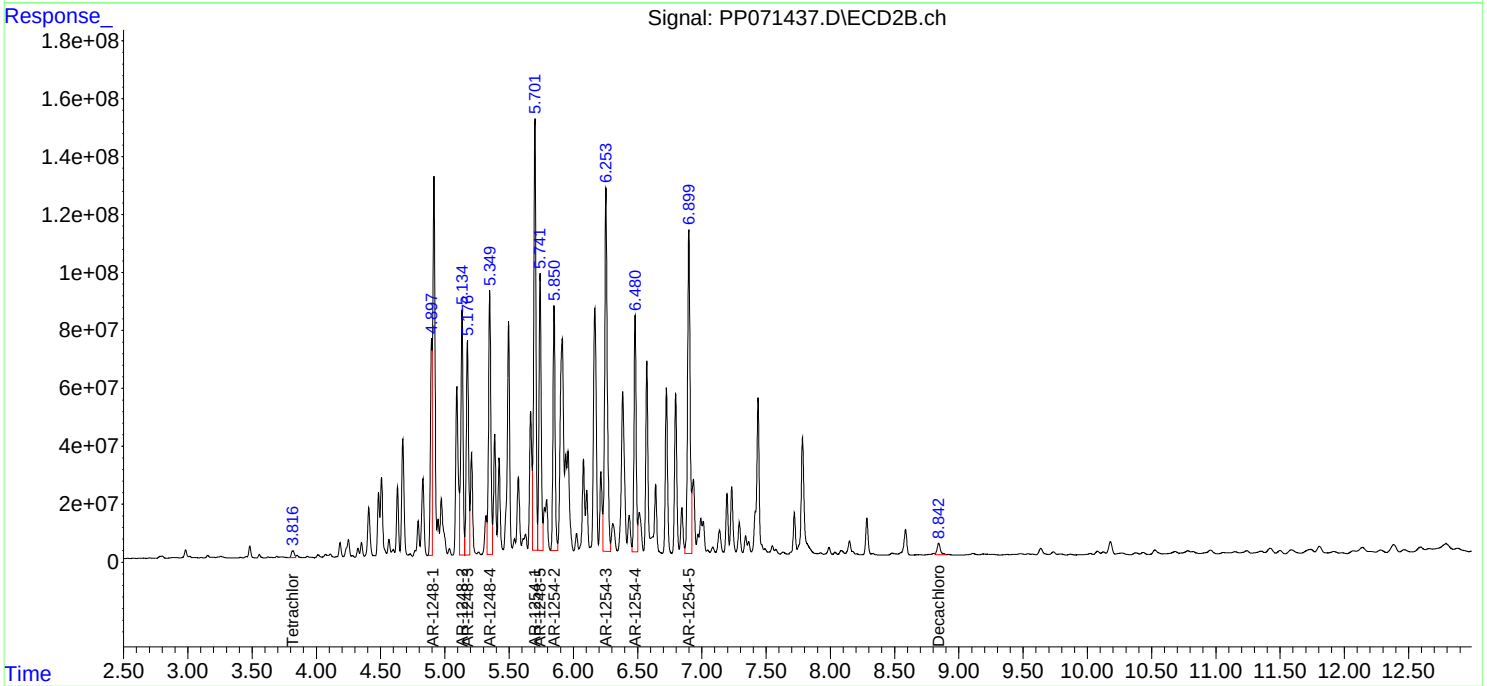
Manual Integrations APPROVED

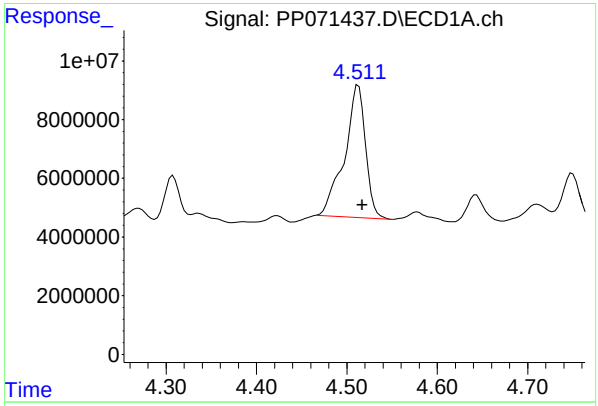
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:25:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







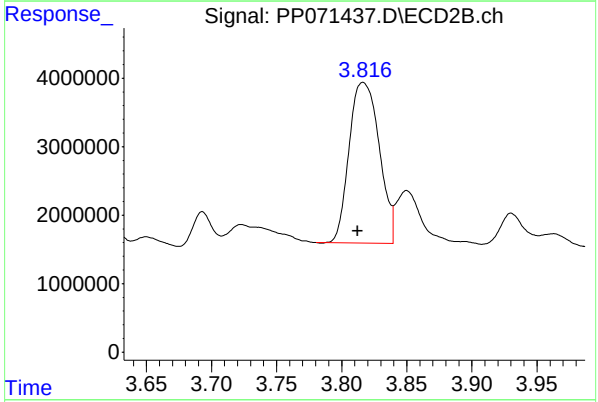
#1 Tetrachloro-m-xylene

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 73090709
Conc: 36.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01

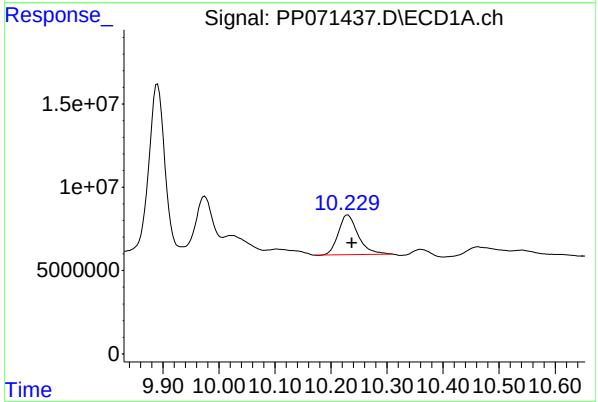
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



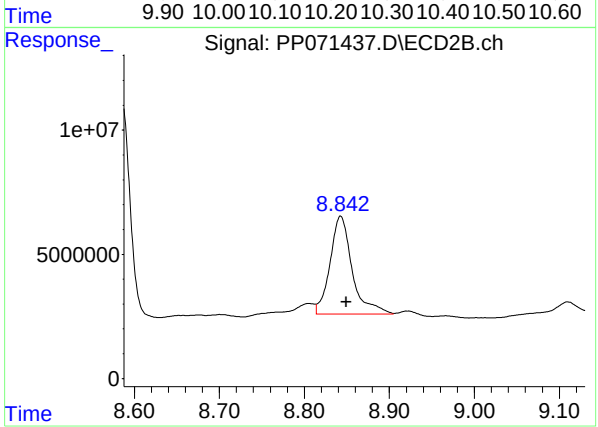
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.004 min
Response: 37737602
Conc: 26.79 ng/ml



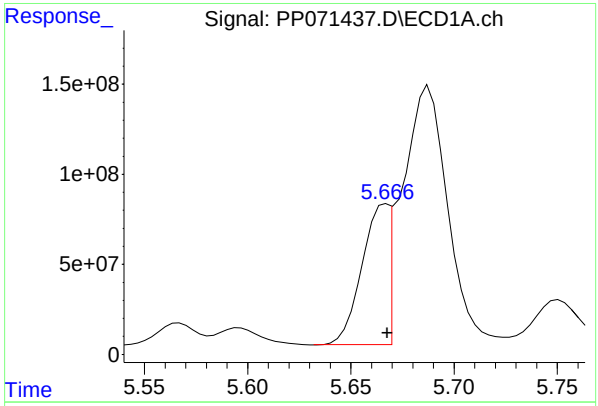
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: -0.007 min
Response: 58946026
Conc: 40.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.842 min
Delta R.T.: -0.007 min
Response: 71348116
Conc: 81.35 ng/ml m



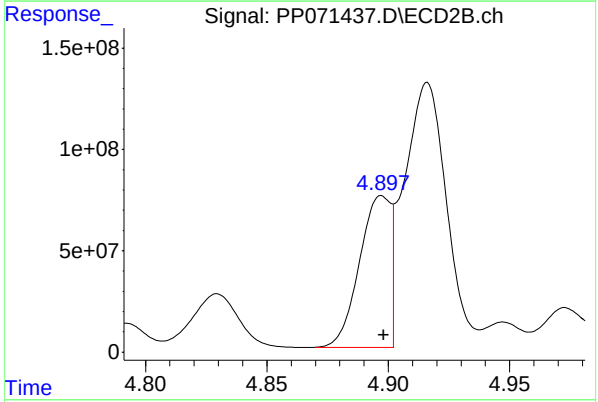
#21 AR-1248-1

R.T.: 5.666 min
Delta R.T.: -0.001 min
Response: 621151468
Conc: 14465.94 ng/

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01

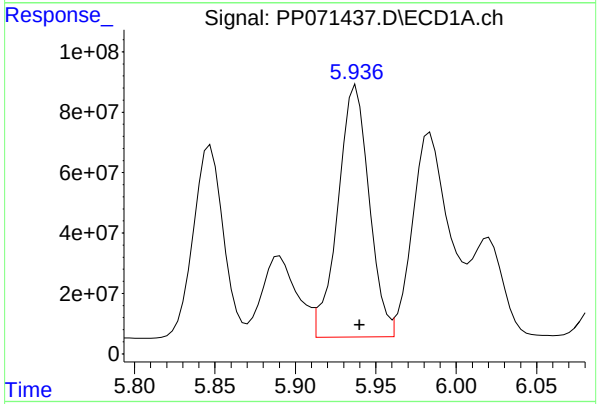
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



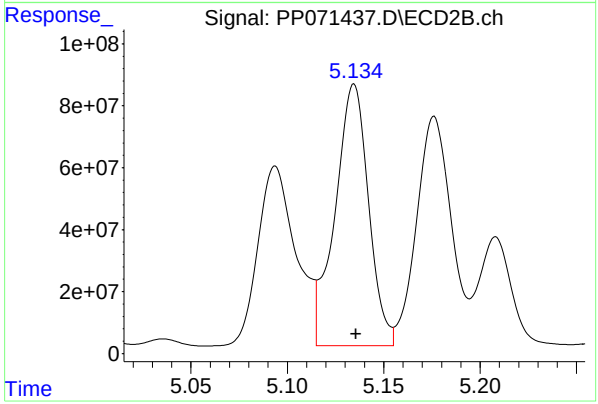
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 662182848
Conc: 18339.67 ng/ml



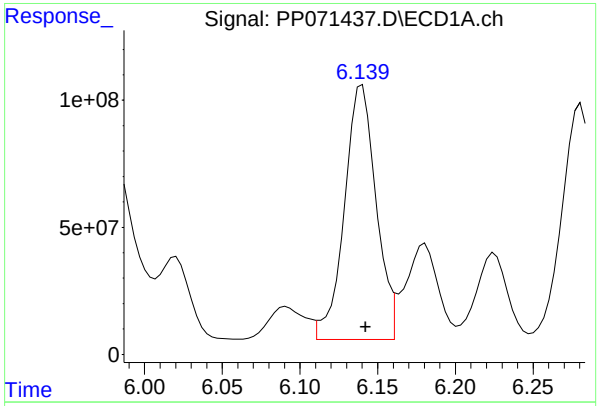
#22 AR-1248-2

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 1129004776
Conc: 18682.08 ng/ml



#22 AR-1248-2

R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 1026569719
Conc: 20966.49 ng/ml



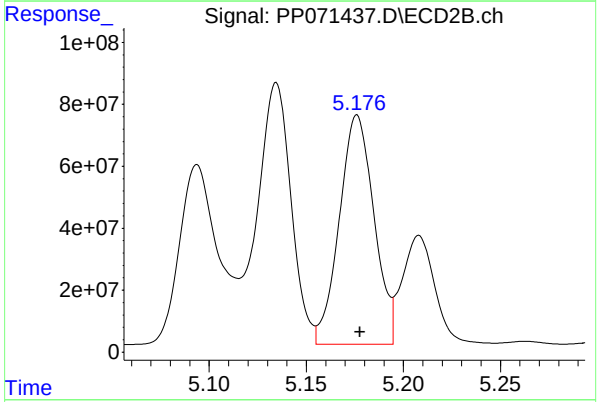
#23 AR-1248-3

R.T.: 6.139 min
Delta R.T.: -0.004 mi
Response: 1450261238
Conc: 21715.56 ng/

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01

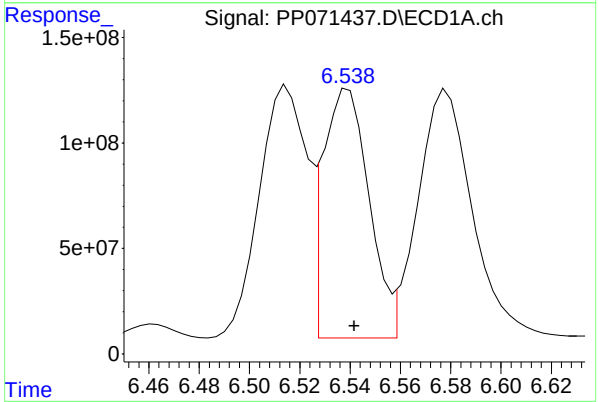
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



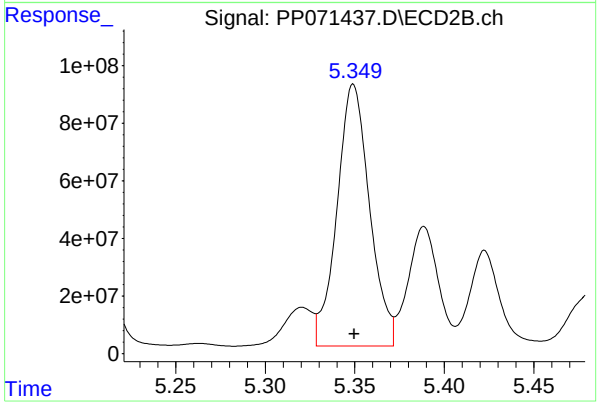
#23 AR-1248-3

R.T.: 5.176 min
Delta R.T.: -0.001 min
Response: 921821905
Conc: 18044.69 ng/ml



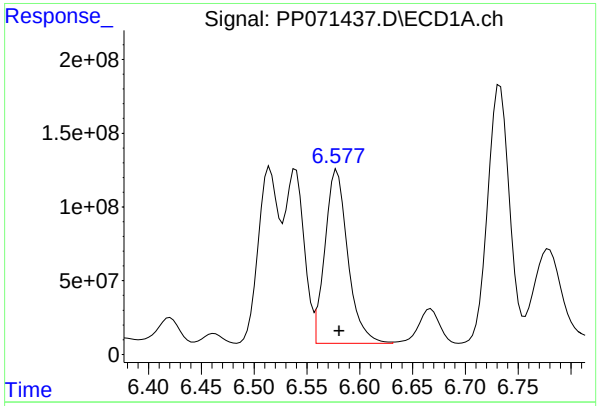
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: -0.002 min
Response: 1498938060
Conc: 17715.66 ng/ml



#24 AR-1248-4

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 1152218322
Conc: 18995.55 ng/ml m



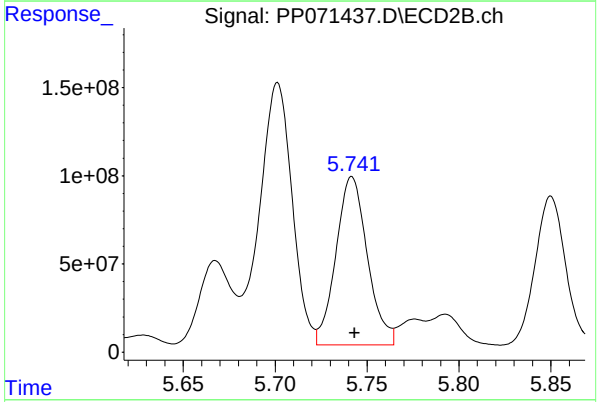
#25 AR-1248-5

R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 1776817836
Conc: 22364.45 ng/

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01

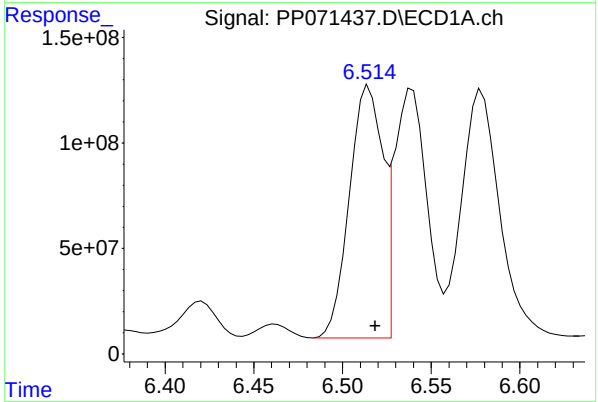
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



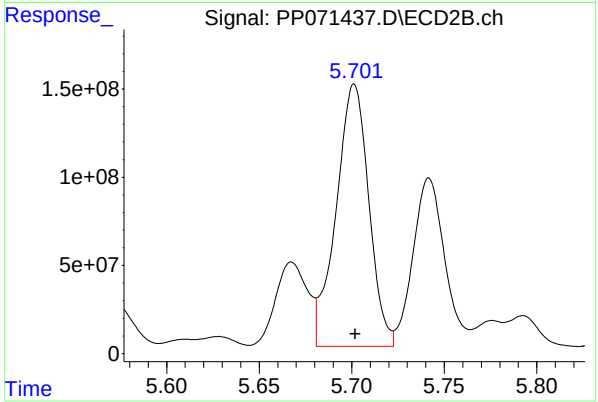
#25 AR-1248-5

R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 1138469364
Conc: 19530.83 ng/ml



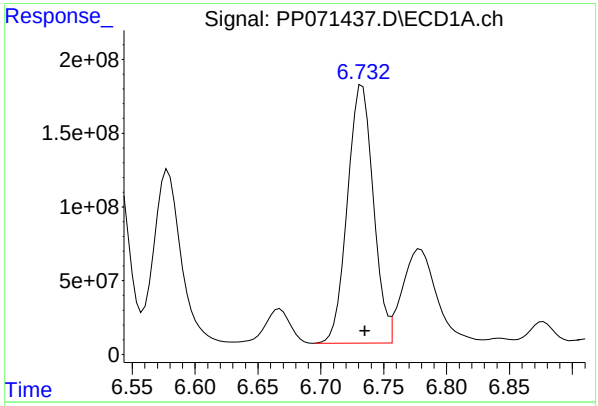
#26 AR-1254-1

R.T.: 6.515 min
Delta R.T.: -0.004 min
Response: 1564017507
Conc: 19084.75 ng/ml



#26 AR-1254-1

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 1831795536
Conc: 20041.44 ng/ml



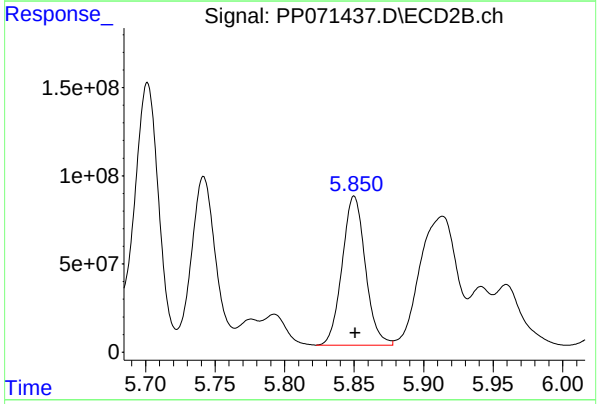
#27 AR-1254-2

R.T.: 6.733 min
Delta R.T.: -0.002 mi
Response: 2509087547
Conc: 19744.75 ng/

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01

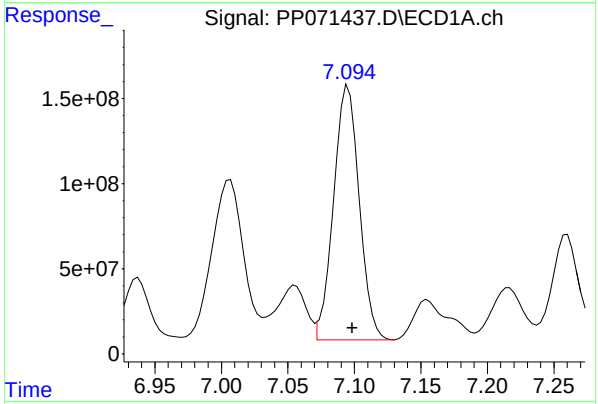
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



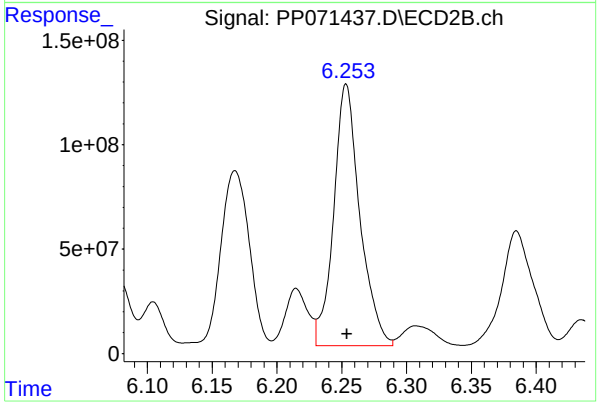
#27 AR-1254-2

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 980131980
Conc: 12452.10 ng/ml



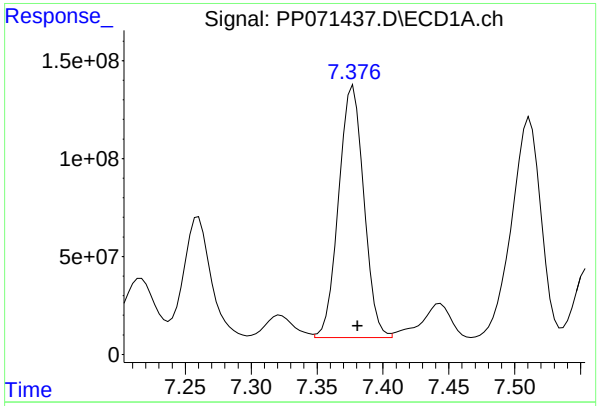
#28 AR-1254-3

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 2007344456
Conc: 15710.02 ng/ml



#28 AR-1254-3

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 1763892030
Conc: 14884.12 ng/ml



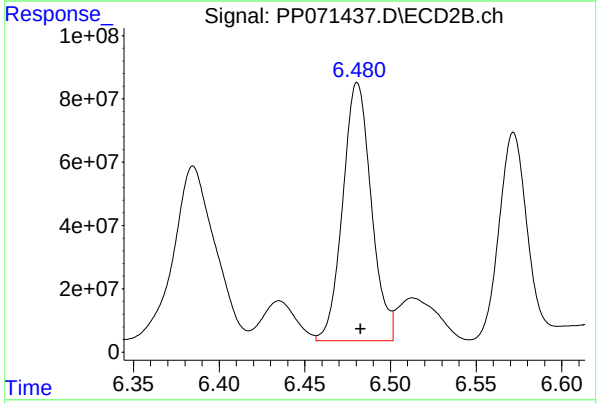
#29 AR-1254-4

R.T.: 7.377 min
Delta R.T.: -0.003 mi
Response: 1710679140
Conc: 14557.31 ng/

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01

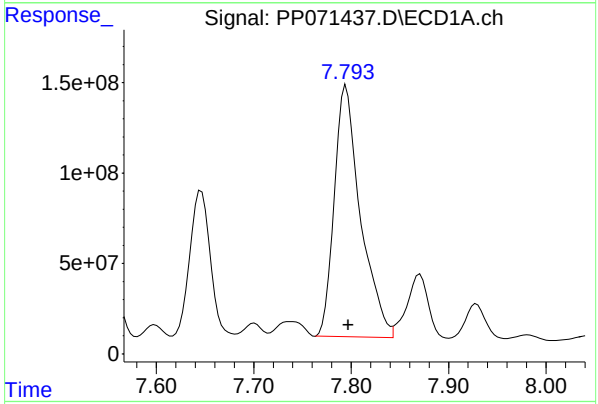
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



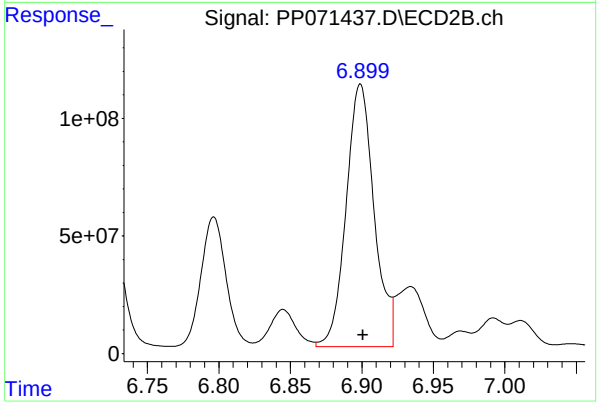
#29 AR-1254-4

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 946586129
Conc: 12266.94 ng/ml



#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 2599849839
Conc: 24132.95 ng/ml



#30 AR-1254-5

R.T.: 6.899 min
Delta R.T.: -0.002 min
Response: 1519071099
Conc: 14970.98 ng/ml

Raw Data: **PP071449.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS008-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-11DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.8 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071449.D	100	04/24/25 08:32	04/24/25 20:18	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	444	UD	444	1900	ug/kg
11104-28-2	Aroclor-1221	453	UD	453	1900	ug/kg
11141-16-5	Aroclor-1232	419	UD	419	1900	ug/kg
53469-21-9	Aroclor-1242	451	UD	451	1900	ug/kg
12672-29-6	Aroclor-1248	9900	D	666	1900	ug/kg
11097-69-1	Aroclor-1254	7900	D	361	1900	ug/kg
37324-23-5	Aroclor-1262	565	UD	565	1900	ug/kg
11100-14-4	Aroclor-1268	405	UD	405	1900	ug/kg
11096-82-5	Aroclor-1260	363	UD	363	1900	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP071449.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 20:18
Operator : YP\AJ
Sample : Q1860-11DL 100X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 04:52:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
21)	L5 AR-1248-1	5.667	4.897	8293661	9181858	193.150m	254.299 #
22)	L5 AR-1248-2	5.939	5.133	14381259	14756231	237.972	301.379 #
23)	L5 AR-1248-3	6.140	5.175	17826114	13081504	266.920m	256.071
24)	L5 AR-1248-4	6.540	5.347	17943806	15195363	212.074	250.512m
25)	L5 AR-1248-5	6.580	5.740	20973140	15143572	263.985	259.793
26)	L6 AR-1254-1	6.515	5.699	19224879	24458226	234.589	267.594
27)	L6 AR-1254-2	6.734	5.848	29731359	13728767	233.965	174.417 #
28)	L6 AR-1254-3	7.096	6.252	23124014	22354620	180.975	188.633
29)	L6 AR-1254-4	7.379	6.480	19139052	12905261	162.867	167.241
30)	L6 AR-1254-5	7.795	6.897	25489080	16316464	236.601	160.805 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 20:18
Operator : YP\AJ
Sample : Q1860-11DL 100X
Misc :
ALS Vial : 23 Sample Multiplier: 1

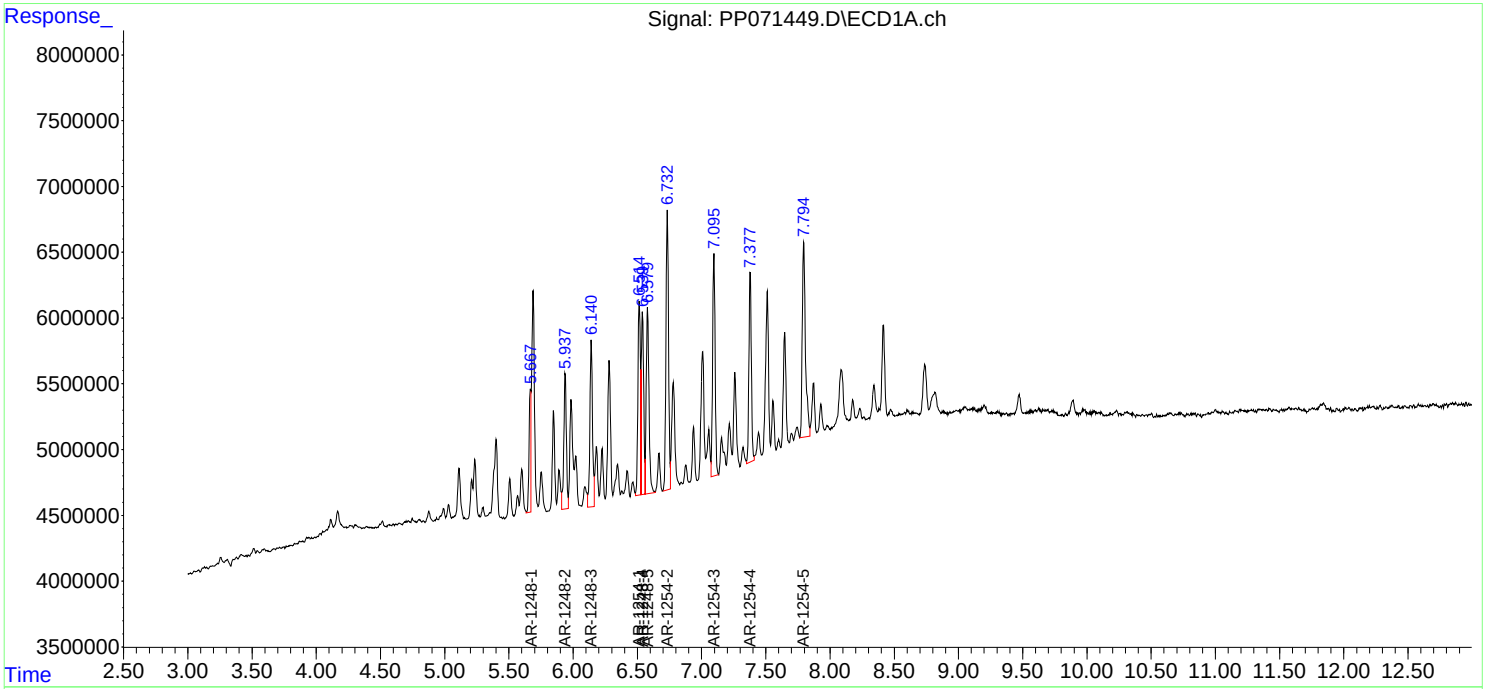
Instrument :
ECD_P
ClientSampleId :
P001-SS008-01DL

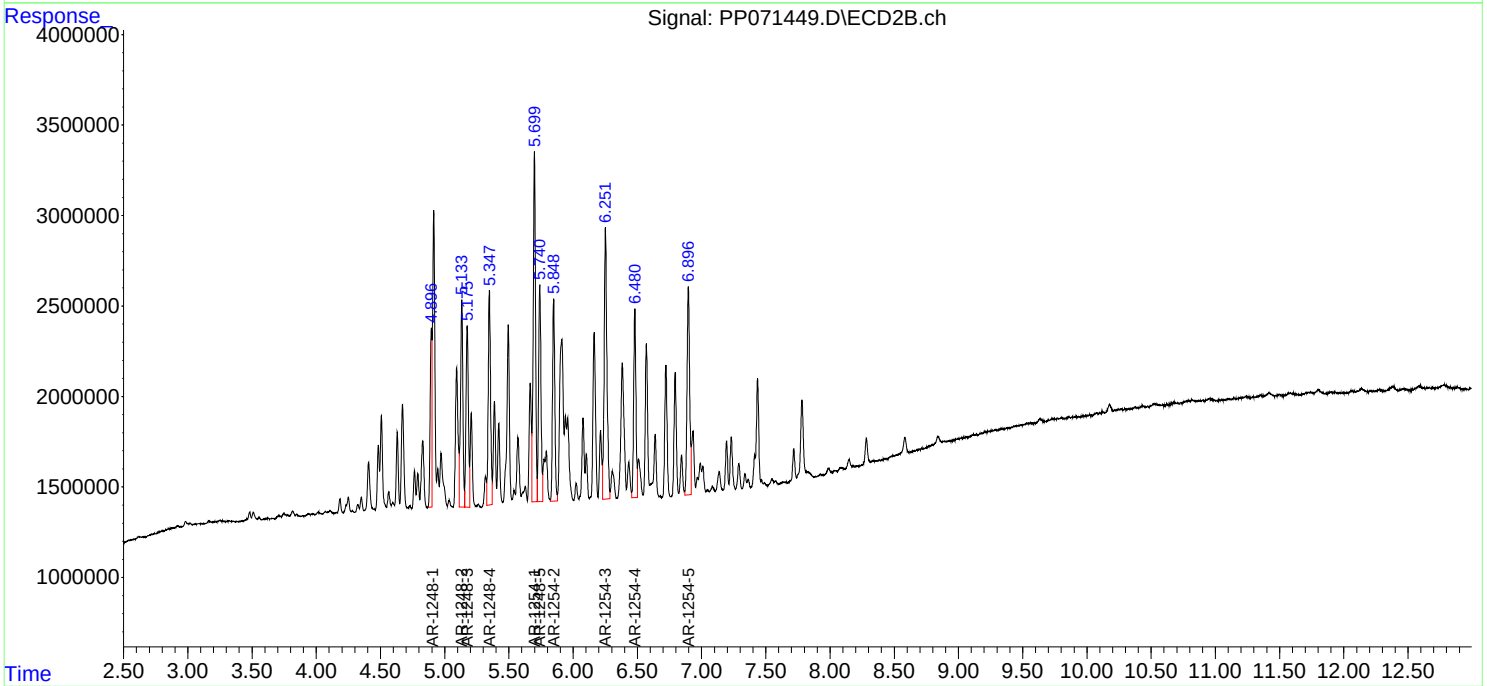
Manual Integrations APPROVED

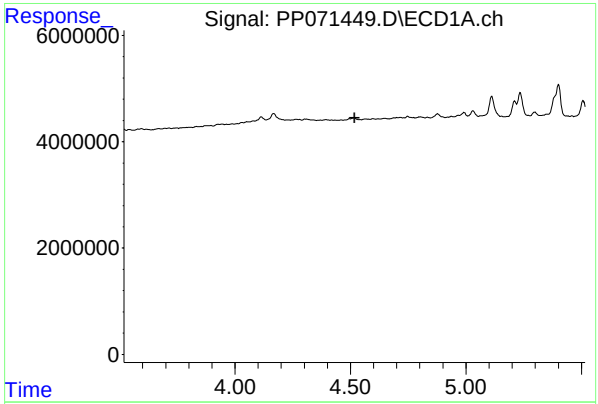
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 04:52:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







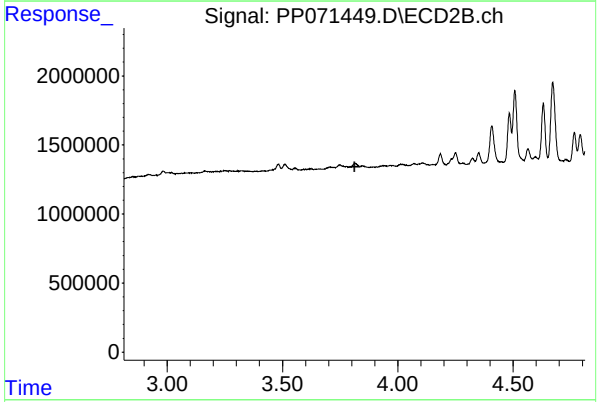
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 4.517 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01DL

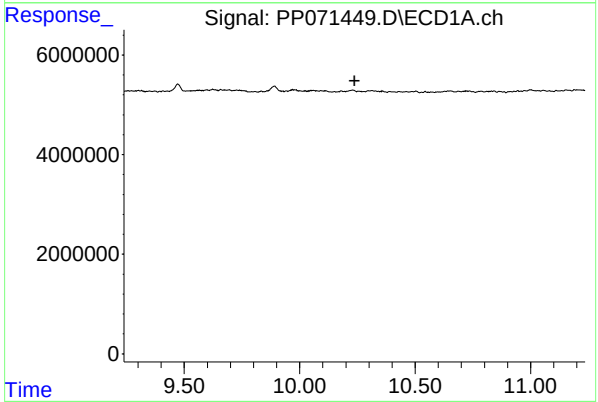
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



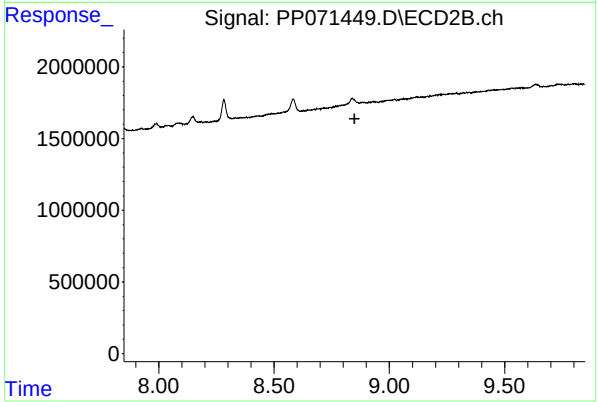
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.812 min
Response: 0
Conc: N.D.



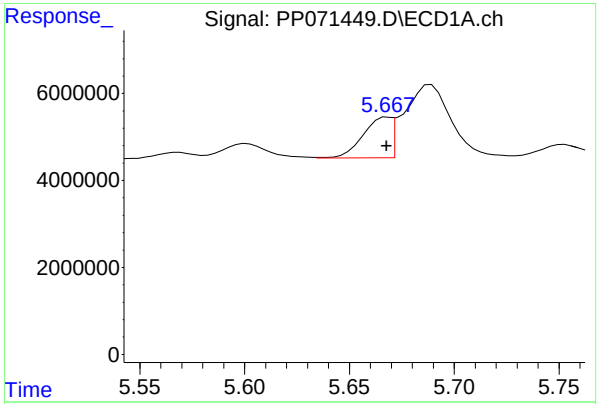
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 10.237 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.849 min
Response: 0
Conc: N.D.



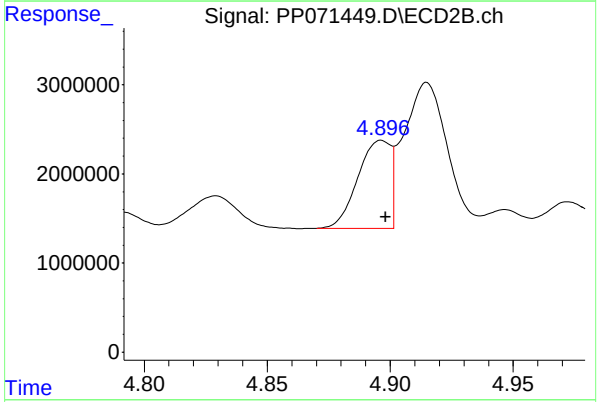
#21 AR-1248-1

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 8293661
Conc: 193.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01DL

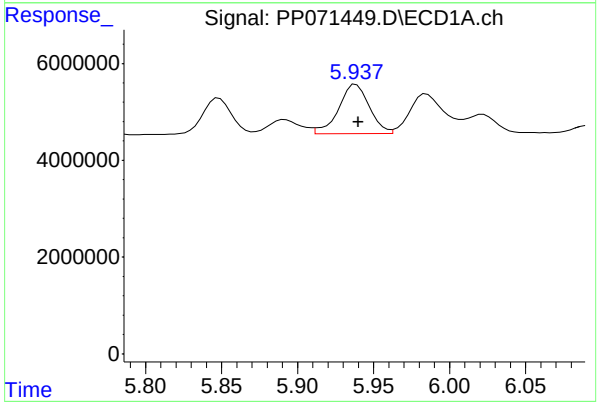
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



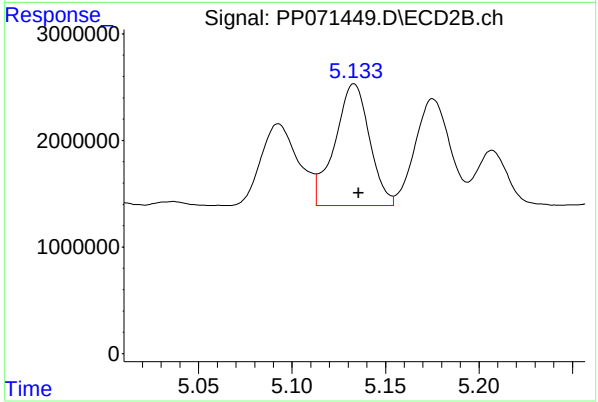
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: -0.002 min
Response: 9181858
Conc: 254.30 ng/ml



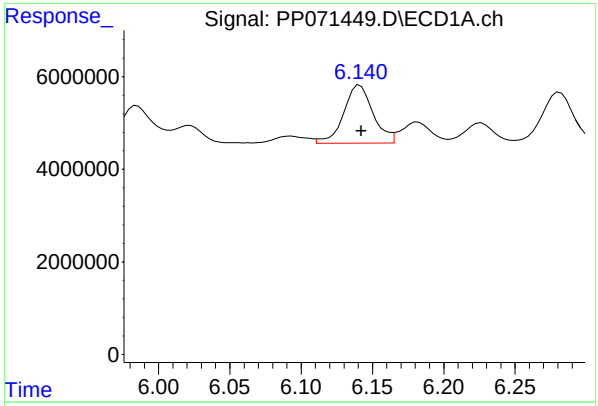
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 14381259
Conc: 237.97 ng/ml



#22 AR-1248-2

R.T.: 5.133 min
Delta R.T.: -0.002 min
Response: 14756231
Conc: 301.38 ng/ml



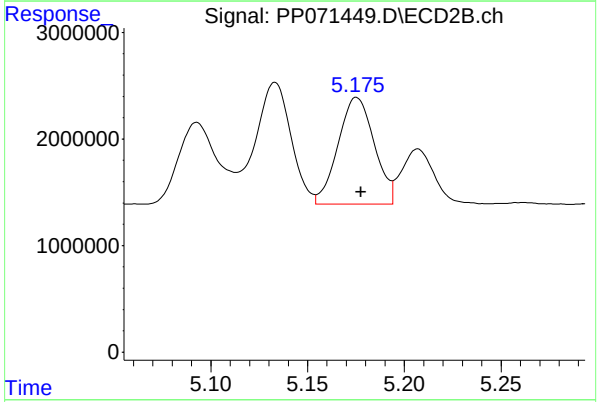
#23 AR-1248-3

R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 17826114
Conc: 266.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01DL

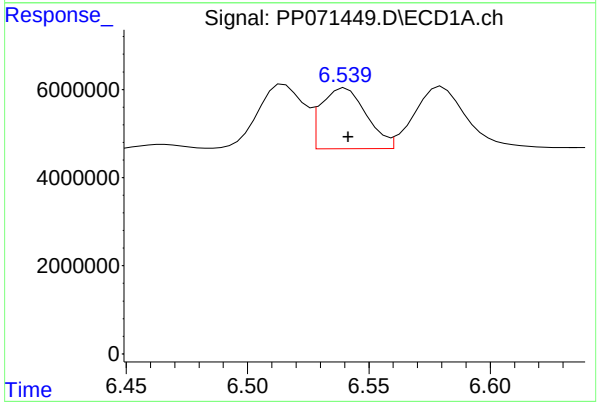
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



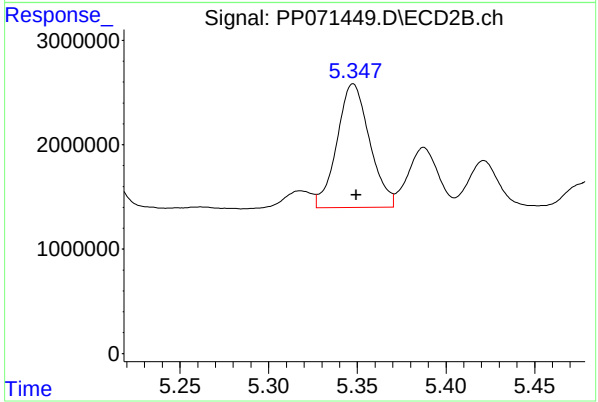
#23 AR-1248-3

R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 13081504
Conc: 256.07 ng/ml



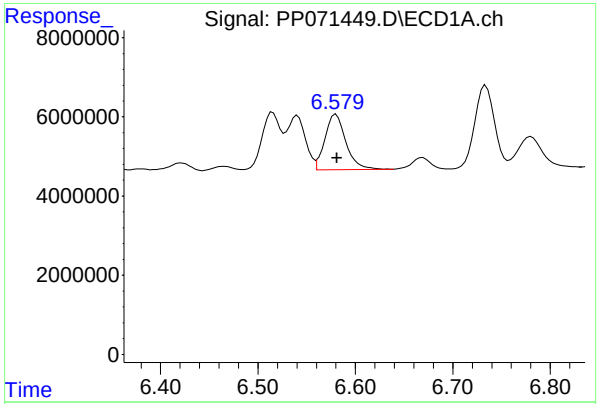
#24 AR-1248-4

R.T.: 6.540 min
Delta R.T.: -0.001 min
Response: 17943806
Conc: 212.07 ng/ml



#24 AR-1248-4

R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 15195363
Conc: 250.51 ng/ml m



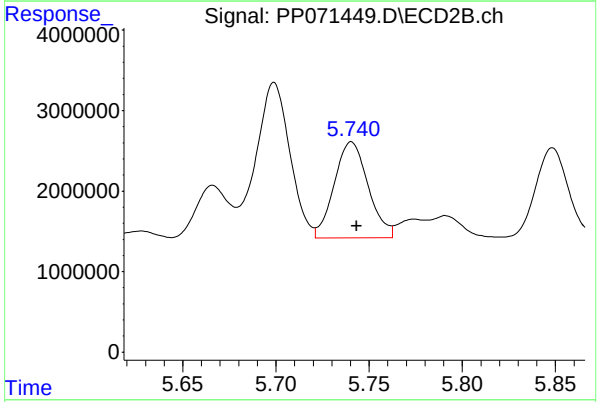
#25 AR-1248-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 20973140
Conc: 263.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01DL

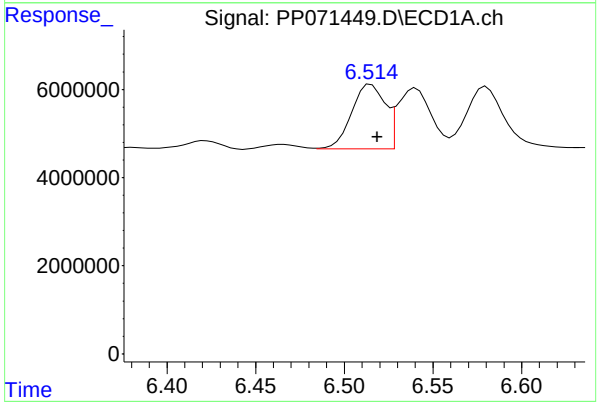
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



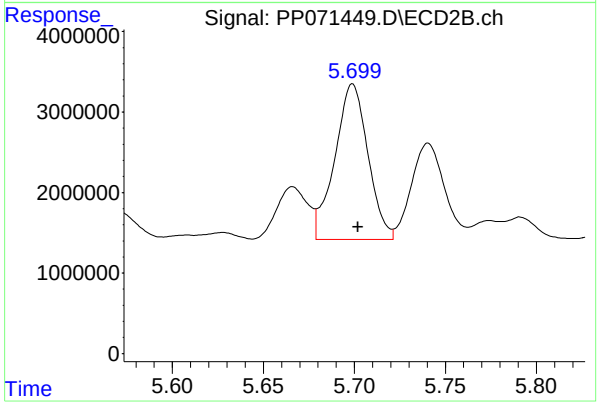
#25 AR-1248-5

R.T.: 5.740 min
Delta R.T.: -0.003 min
Response: 15143572
Conc: 259.79 ng/ml



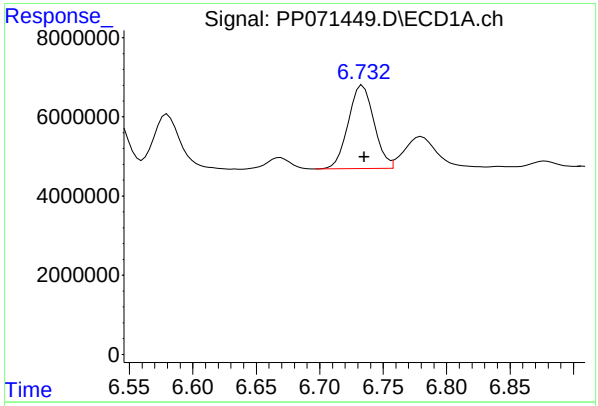
#26 AR-1254-1

R.T.: 6.515 min
Delta R.T.: -0.003 min
Response: 19224879
Conc: 234.59 ng/ml



#26 AR-1254-1

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 24458226
Conc: 267.59 ng/ml



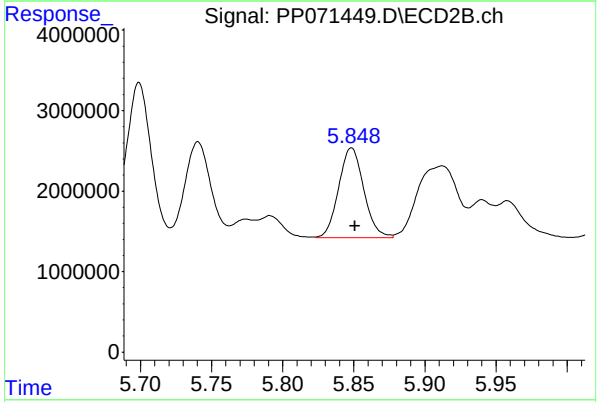
#27 AR-1254-2

R.T.: 6.734 min
Delta R.T.: -0.001 min
Response: 29731359
Conc: 233.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01DL

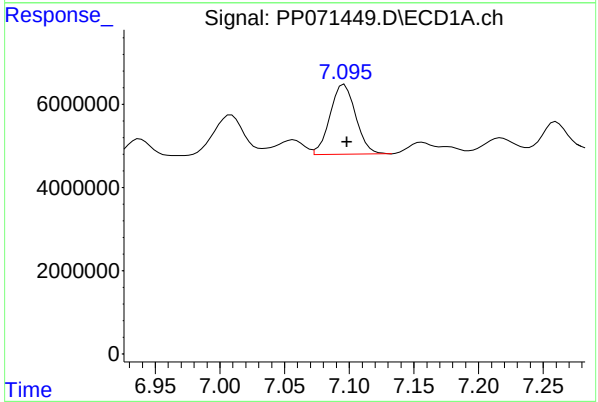
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



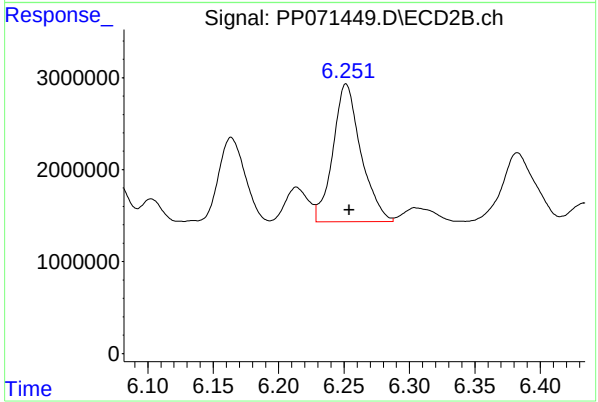
#27 AR-1254-2

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 13728767
Conc: 174.42 ng/ml



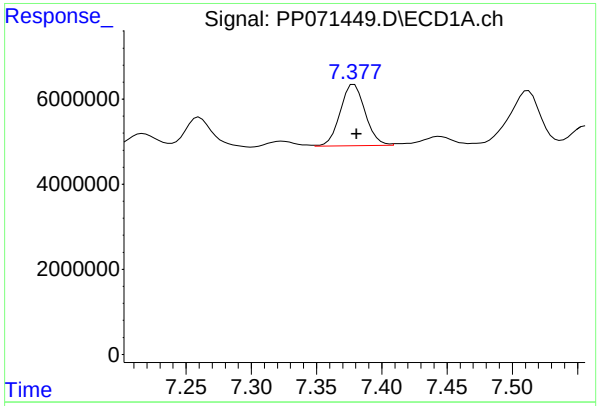
#28 AR-1254-3

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 23124014
Conc: 180.97 ng/ml



#28 AR-1254-3

R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 22354620
Conc: 188.63 ng/ml



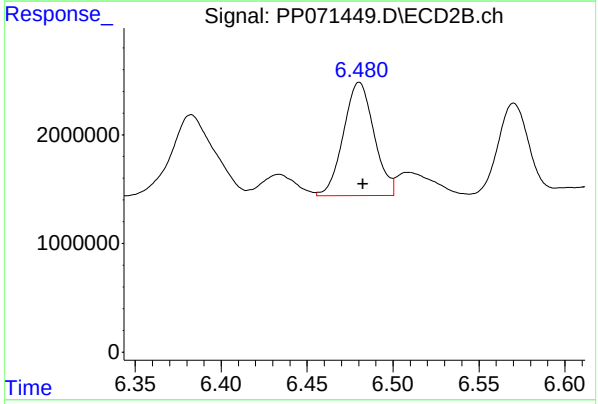
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: -0.002 min
Response: 19139052
Conc: 162.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS008-01DL

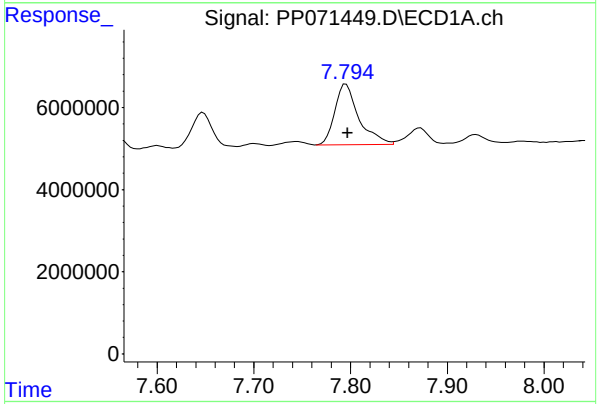
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



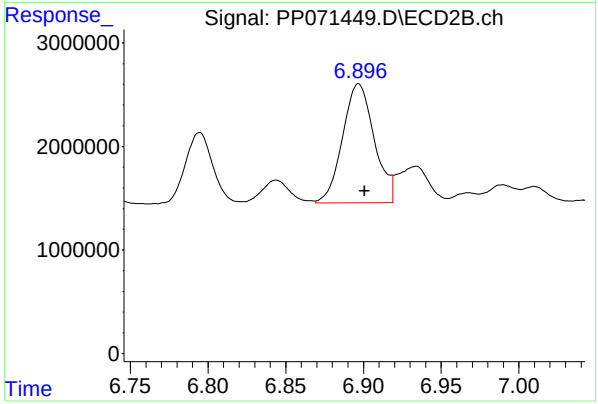
#29 AR-1254-4

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 12905261
Conc: 167.24 ng/ml



#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 25489080
Conc: 236.60 ng/ml



#30 AR-1254-5

R.T.: 6.897 min
Delta R.T.: -0.004 min
Response: 16316464
Conc: 160.80 ng/ml

Raw Data: **PO110681.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS009-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-12	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.5 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110681.D	1	04/24/25 08:32	04/24/25 13:56	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.6	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	7300	E	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	5700	E	3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.6	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.1		32 - 144	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	49.7	*	32 - 175	248%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110681.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:56
Operator : YP/AJ
Sample : Q1860-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:52:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	202.3E6	113.5E6	23.120	22.741
2)	SA Decachlor...	8.722	8.675	392.1E6	87425436	49.669	45.416
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.763	3764.7E6	1999.0E6	17688.327	17362.479
22)	L5 AR-1248-2	5.015	4.999	5428.4E6	2902.6E6	18343.925	17820.262
23)	L5 AR-1248-3	5.230	5.041	6596.7E6	2822.7E6	17830.894	16051.404
24)	L5 AR-1248-4	5.584	5.211	11022.7E6	3643.9E6	21196.157	17890.642m
25)	L5 AR-1248-5	5.625	5.604	7353.1E6	3887.3E6	19904.115	19692.858
26)	L6 AR-1254-1	5.584	5.563	11022.7E6	5833.9E6	19754.247	19349.500
27)	L6 AR-1254-2	5.733	5.711	5764.1E6	2978.5E6	11867.599	11252.962
28)	L6 AR-1254-3	6.138	6.113	11077.4E6	5743.4E6	14143.324	14236.796
29)	L6 AR-1254-4	6.367	6.340	5730.6E6	2810.9E6	11752.558	12236.464
30)	L6 AR-1254-5	6.786	6.756	11088.4E6	5240.5E6	15820.266	15770.632

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PO110681.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110681.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:56
Operator : YP/AJ
Sample : Q1860-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

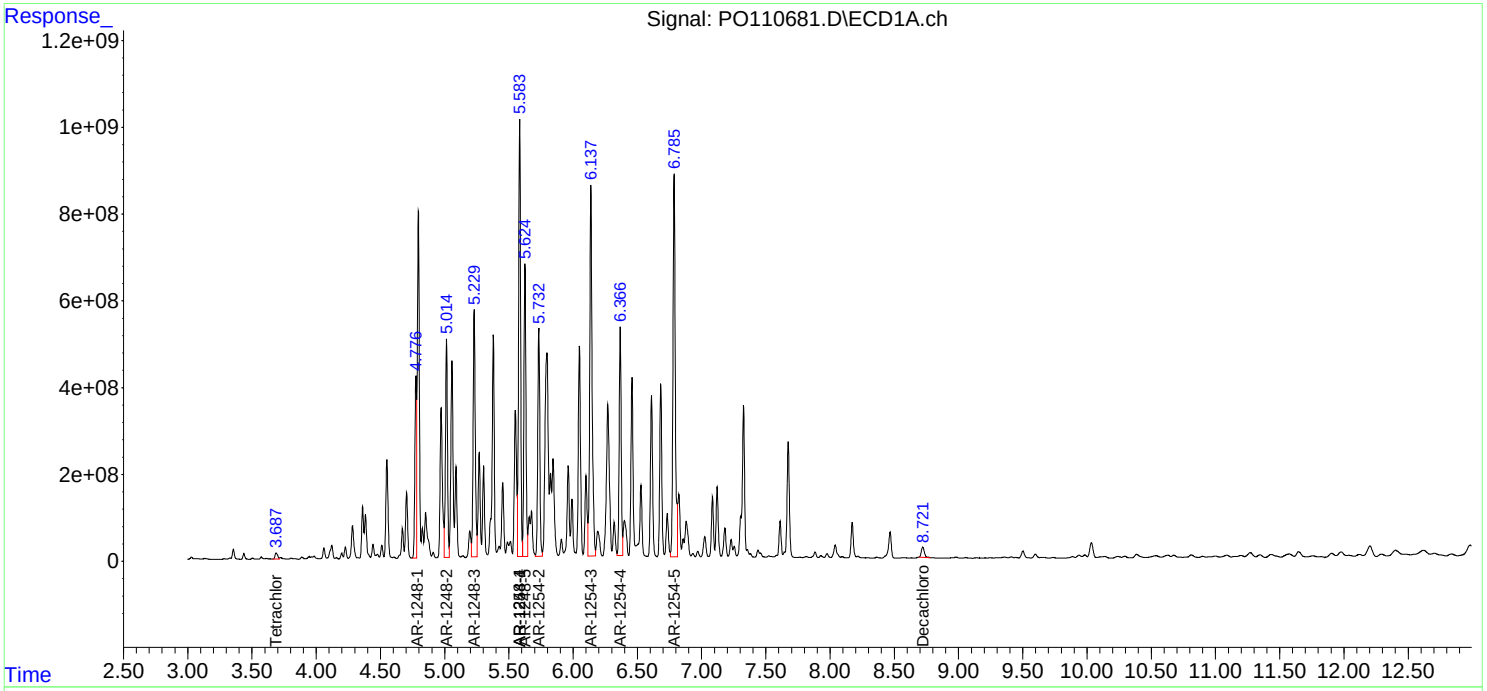
Instrument :
ECD_O
ClientSampleId :
P001-SS009-01

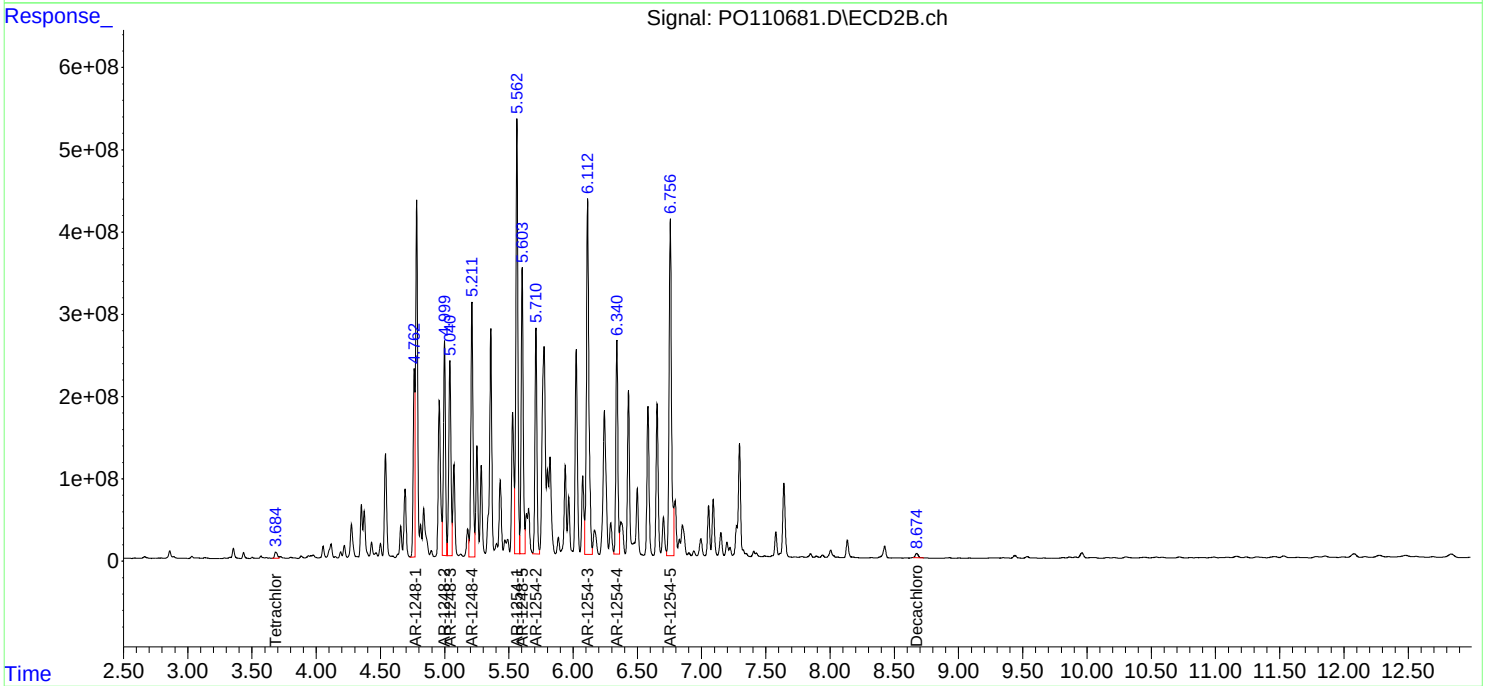
Manual Integrations APPROVED

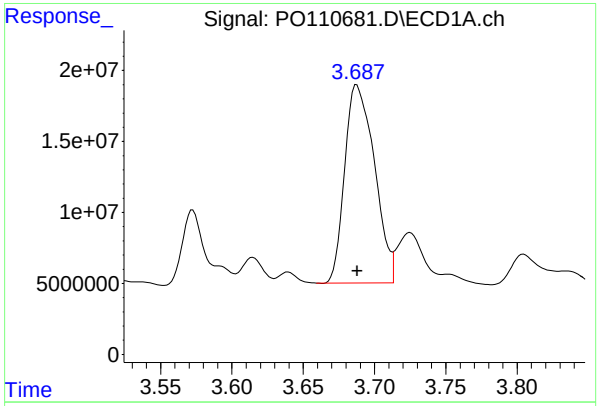
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:52:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







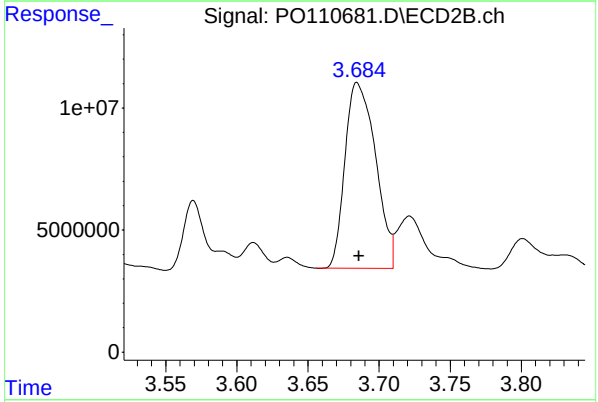
#1 Tetrachloro-m-xylene

R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 202278955
Conc: 23.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01

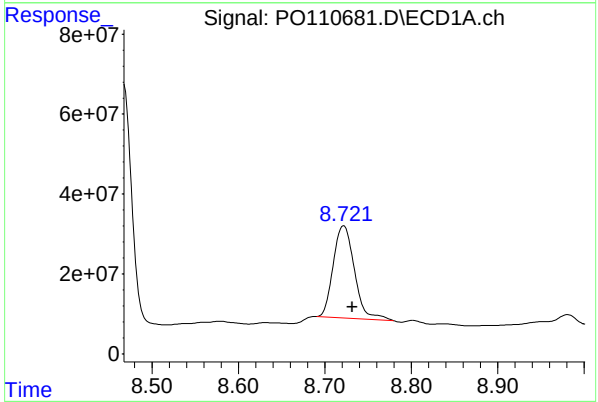
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



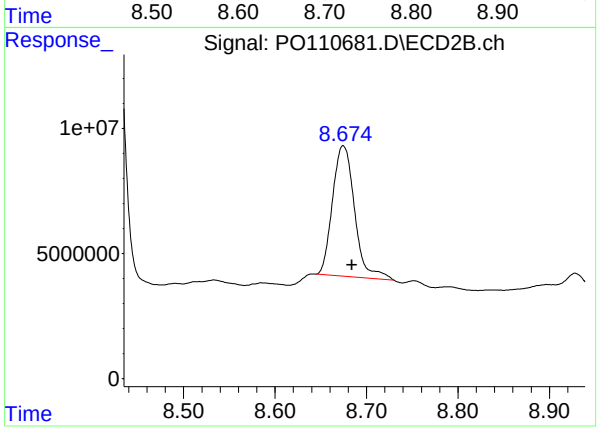
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.001 min
Response: 113473482
Conc: 22.74 ng/ml



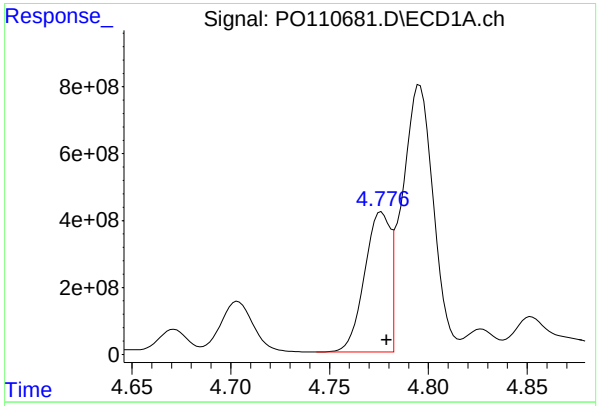
#2 Decachlorobiphenyl

R.T.: 8.722 min
Delta R.T.: -0.010 min
Response: 392133704
Conc: 49.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.010 min
Response: 87425436
Conc: 45.42 ng/ml



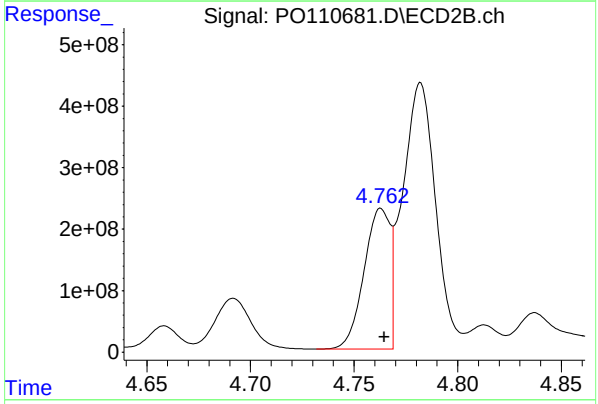
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 3764717995
Conc: 17688.33 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01

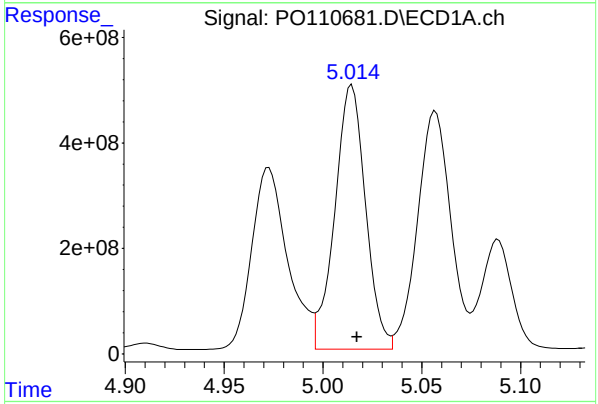
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



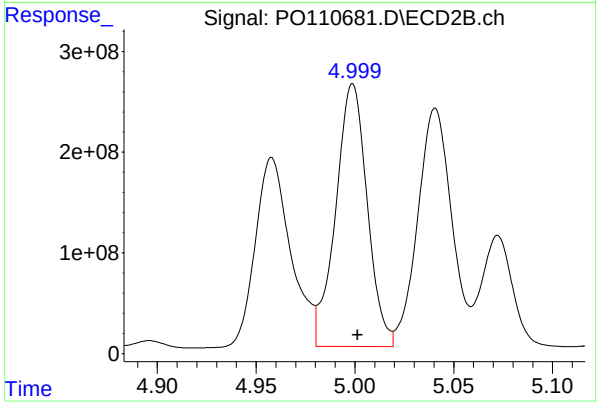
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 1998976434
Conc: 17362.48 ng/ml



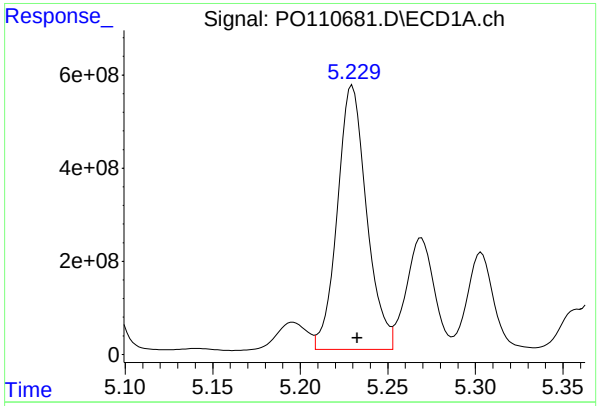
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.003 min
Response: 5428426450
Conc: 18343.92 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 2902610530
Conc: 17820.26 ng/ml



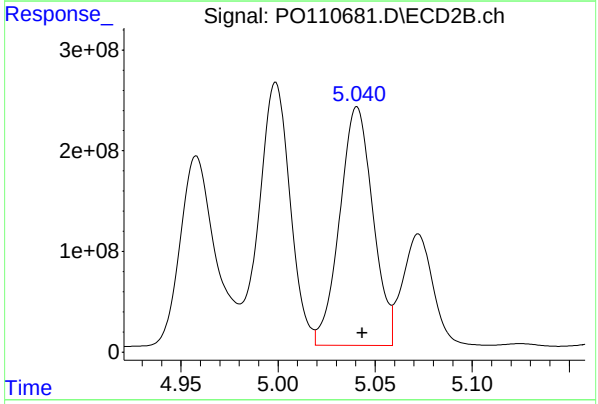
#23 AR-1248-3

R.T.: 5.230 min
Delta R.T.: -0.003 mi
Response: 6596743088
Conc: 17830.89 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01

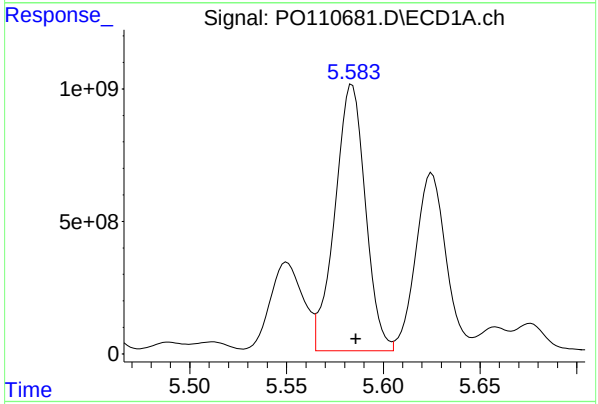
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



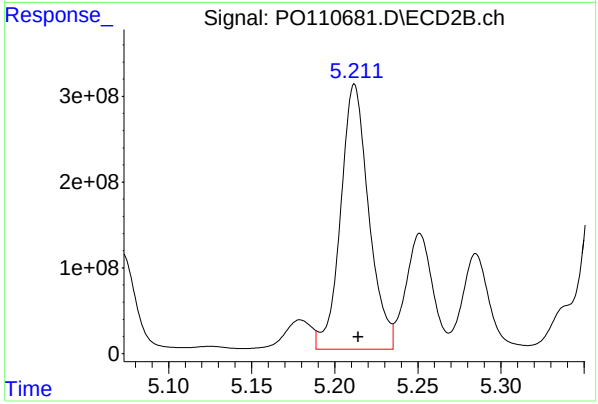
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 2822737266
Conc: 16051.40 ng/ml



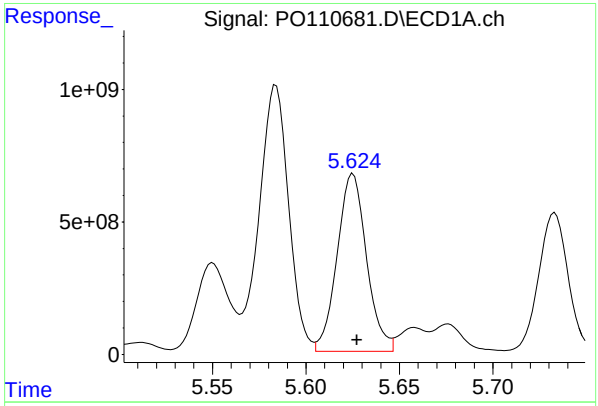
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 11022654556
Conc: 21196.16 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 3643942912
Conc: 17890.64 ng/ml m



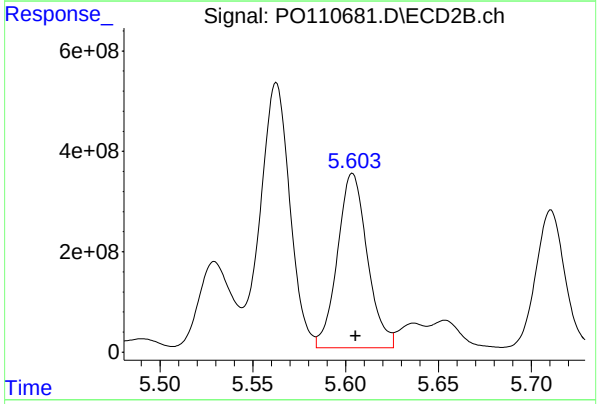
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 7353093125
Conc: 19904.11 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01

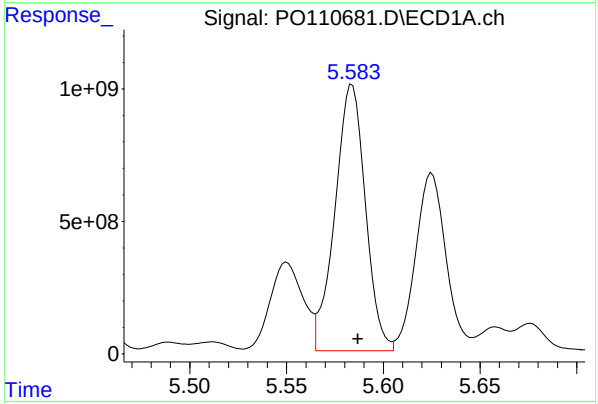
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



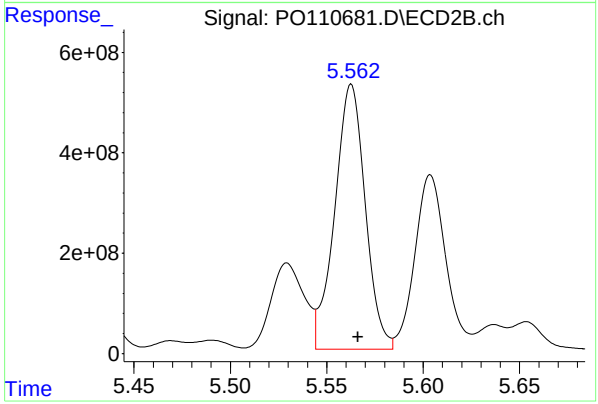
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 3887287674
Conc: 19692.86 ng/ml



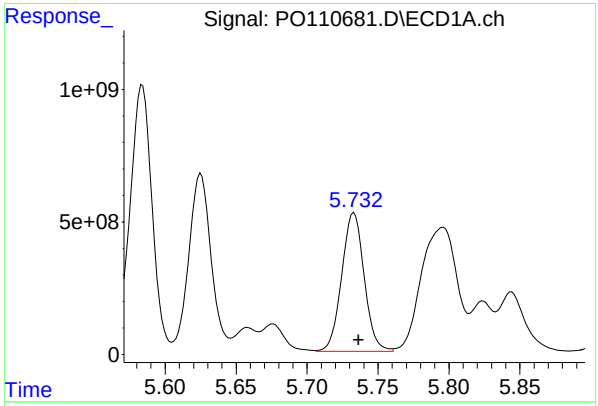
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 11022654556
Conc: 19754.25 ng/ml



#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 5833857083
Conc: 19349.50 ng/ml



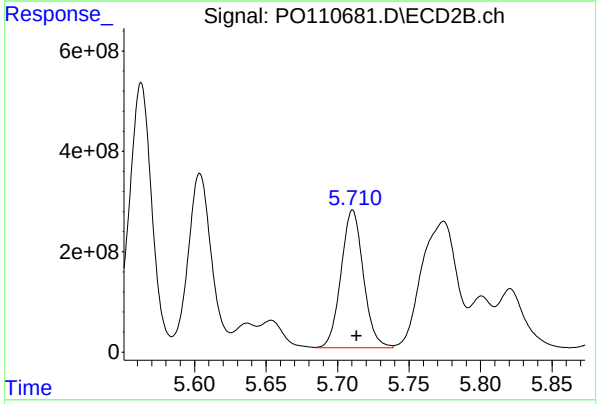
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.003 mi
Response: 5764123172
Conc: 11867.60 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01

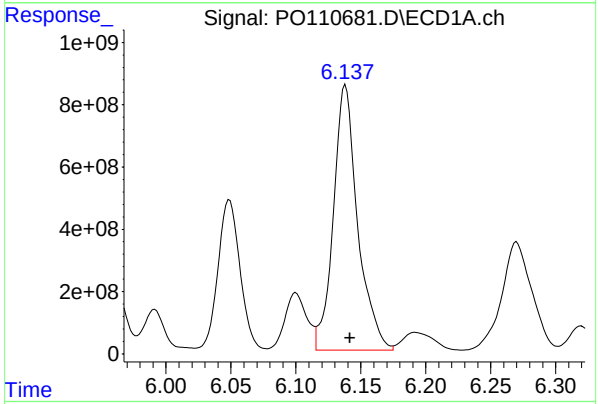
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



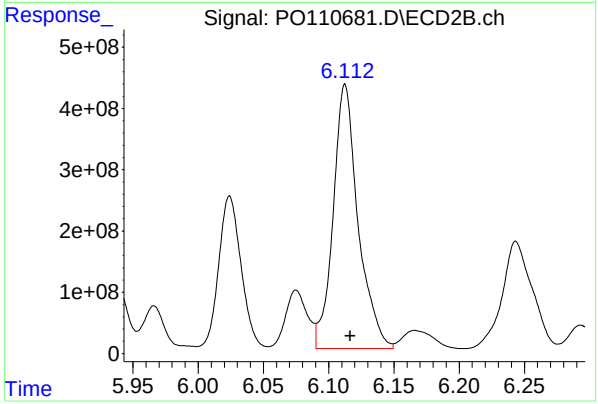
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 2978493975
Conc: 11252.96 ng/ml



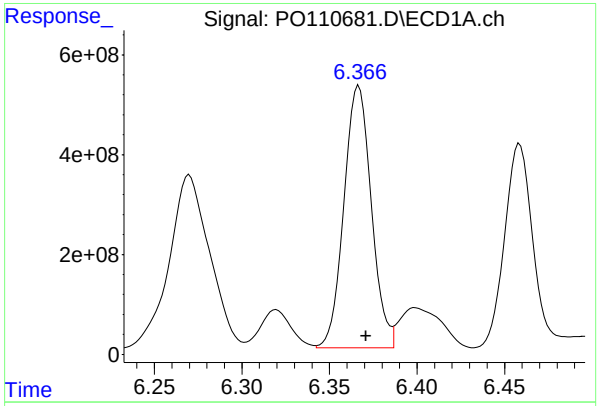
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 11077358349
Conc: 14143.32 ng/ml



#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 5743352509
Conc: 14236.80 ng/ml



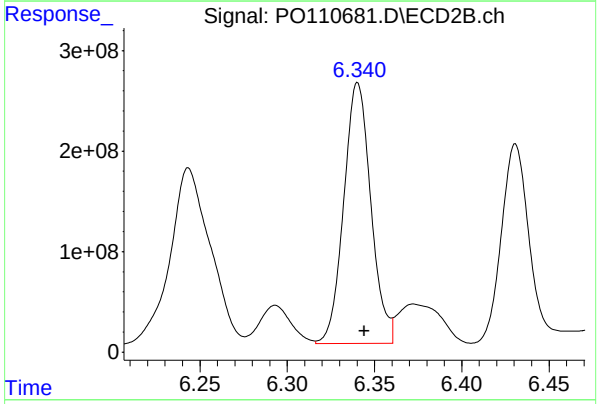
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 5730608934
Conc: 11752.56 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01

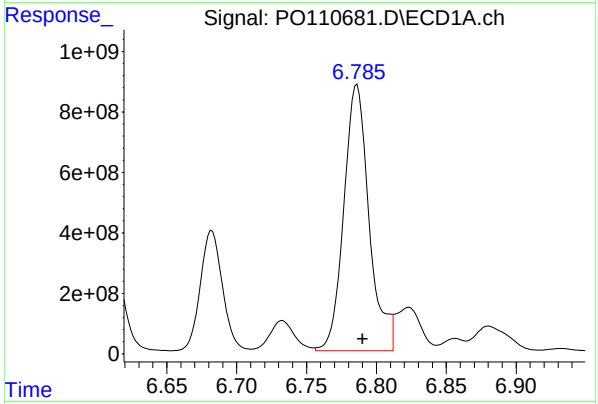
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



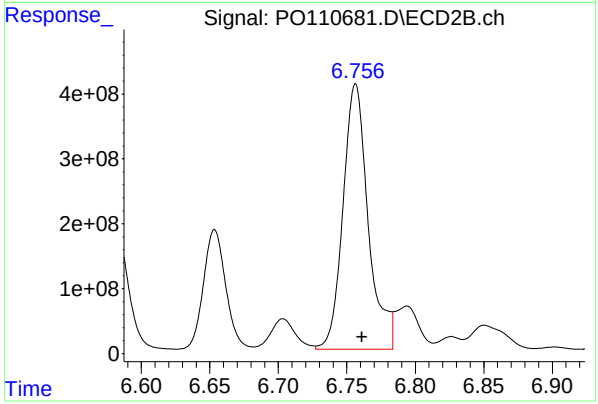
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 2810873581
Conc: 12236.46 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 11088422234
Conc: 15820.27 ng/ml



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 5240450741
Conc: 15770.63 ng/ml

Raw Data: **PO110709.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS009-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-12DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.5 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110709.D	100	04/24/25 08:32	04/25/25 02:02	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	456	UD	456	2000	ug/kg
11104-28-2	Aroclor-1221	466	UD	466	2000	ug/kg
11141-16-5	Aroclor-1232	430	UD	430	2000	ug/kg
53469-21-9	Aroclor-1242	463	UD	463	2000	ug/kg
12672-29-6	Aroclor-1248	9400	D	684	2000	ug/kg
11097-69-1	Aroclor-1254	6700	D	371	2000	ug/kg
37324-23-5	Aroclor-1262	580	UD	580	2000	ug/kg
11100-14-4	Aroclor-1268	416	UD	416	2000	ug/kg
11096-82-5	Aroclor-1260	373	UD	373	2000	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110709.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 02:02
Operator : YP/AJ
Sample : Q1860-12DL 100X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 05:02:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.763	48673777	24984344	228.691	217.006
22)	L5 AR-1248-2	5.014	4.999	74726660	39338987	252.519	241.517
23)	L5 AR-1248-3	5.229	5.041	85536556	38905705	231.204	221.236
24)	L5 AR-1248-4	5.583	5.211	135.5E6	43569269	260.540	213.912m
25)	L5 AR-1248-5	5.625	5.603	90029016	45093219	243.700	228.441
26)	L6 AR-1254-1	5.583	5.562	135.5E6	68856873	242.816	228.382
27)	L6 AR-1254-2	5.732	5.711	82308698	38630887	169.463	145.950
28)	L6 AR-1254-3	6.137	6.112	131.8E6	66004866	168.340	163.615
29)	L6 AR-1254-4	6.367	6.340	67809555	31841824	139.066	138.616
30)	L6 AR-1254-5	6.786	6.757	109.5E6	50632647	156.201	152.374

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110709.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 02:02
Operator : YP/AJ
Sample : Q1860-12DL 100X
Misc :
ALS Vial : 28 Sample Multiplier: 1

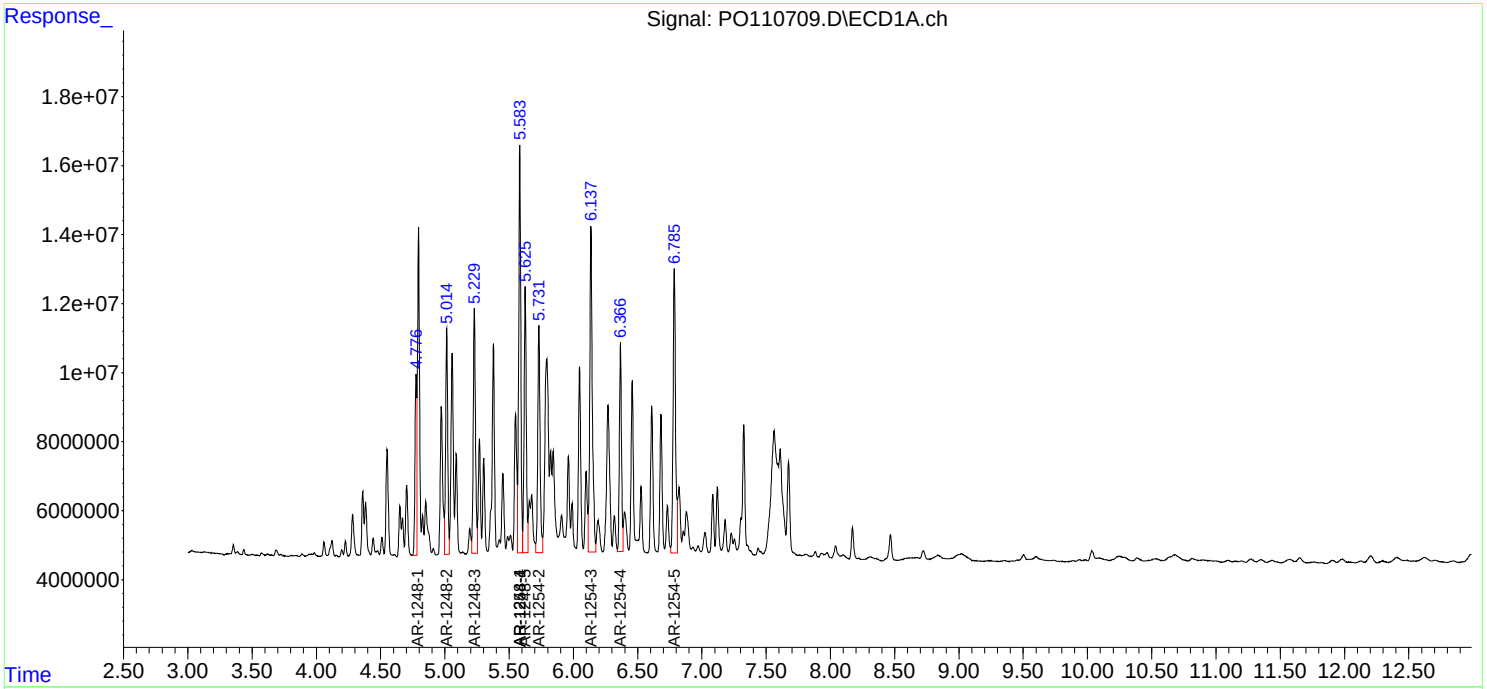
Instrument :
ECD_O
ClientSampleId :
P001-SS009-01DL

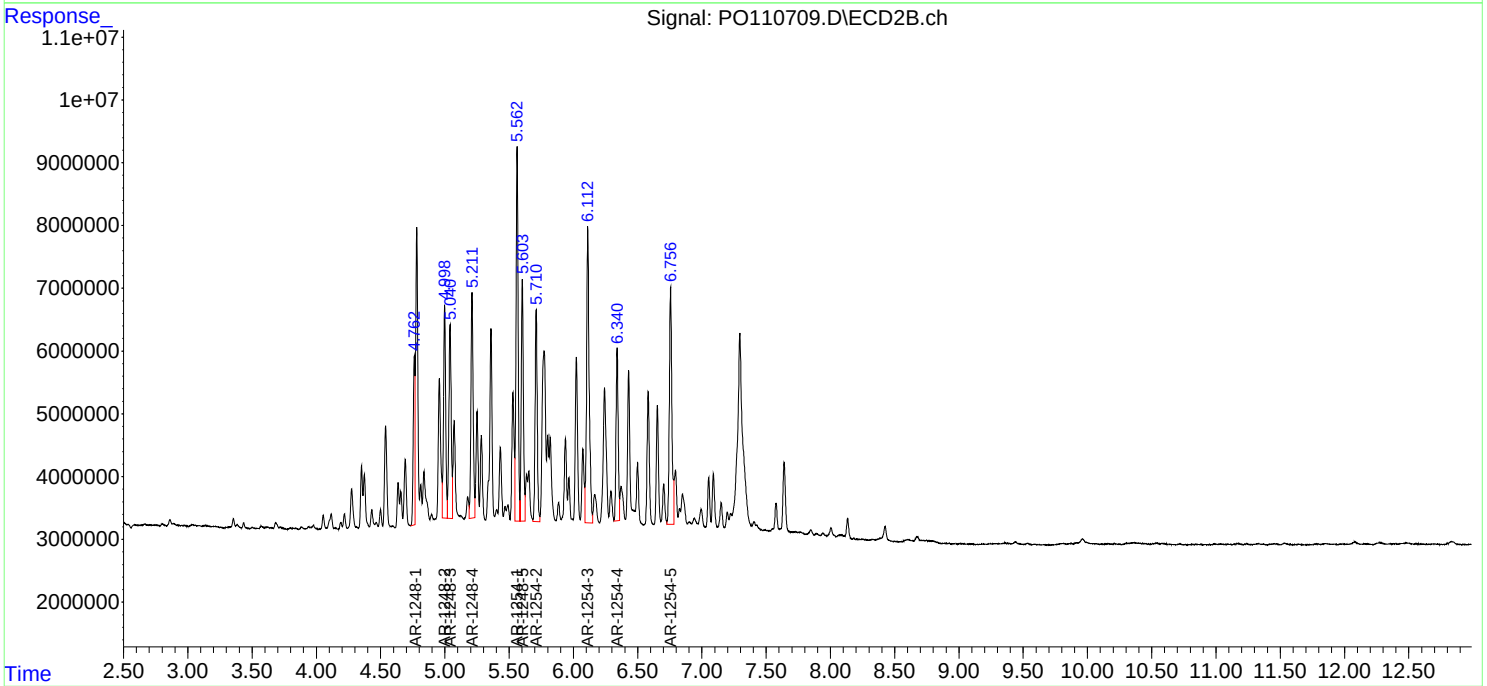
Manual Integrations APPROVED

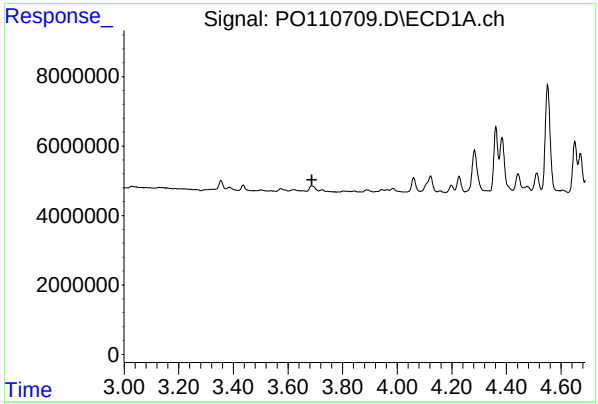
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 05:02:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







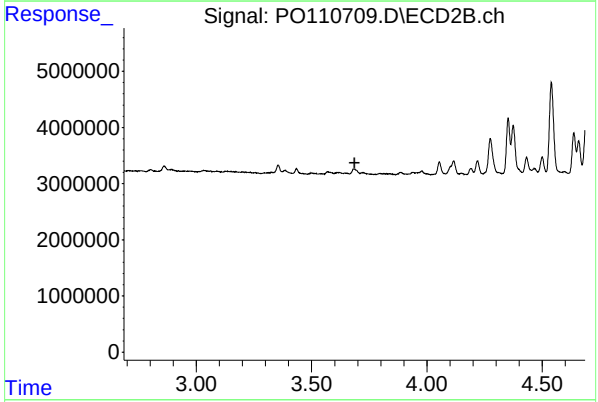
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01DL

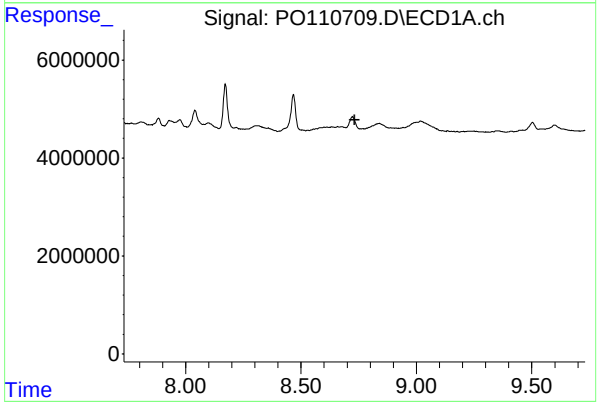
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



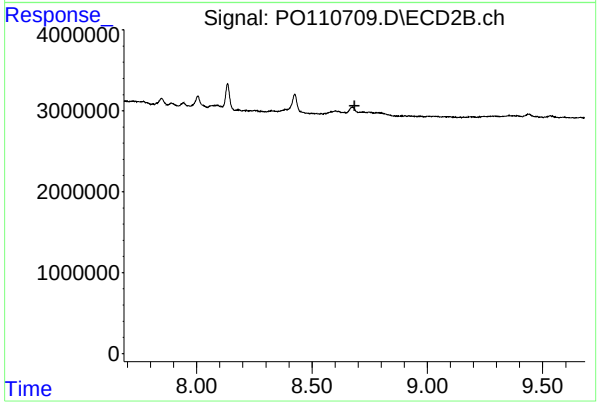
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.686 min
Response: 0
Conc: N.D.



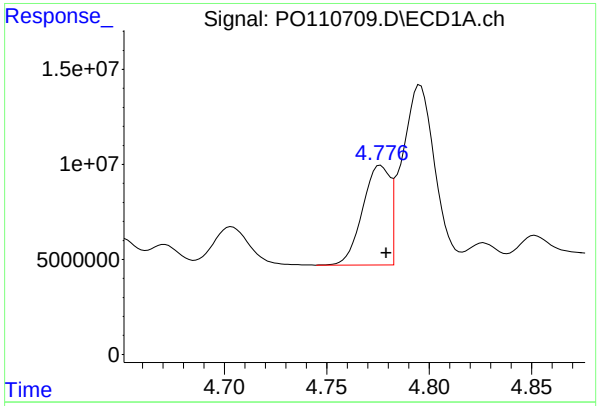
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.732 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.684 min
Response: 0
Conc: N.D.



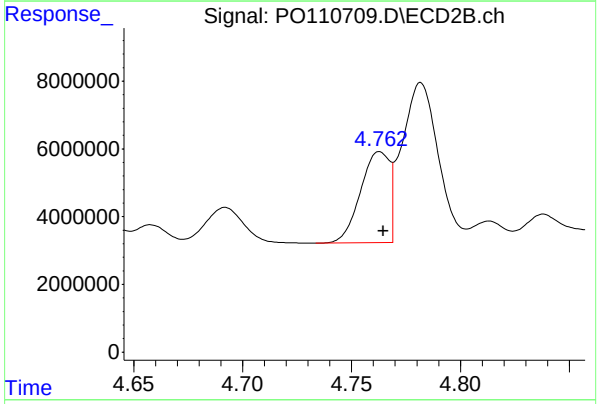
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 48673777
Conc: 228.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01DL

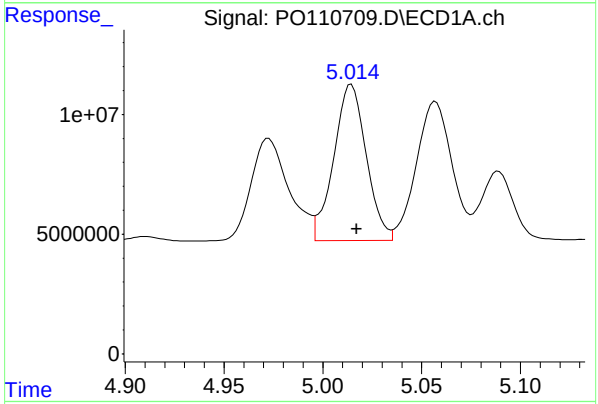
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



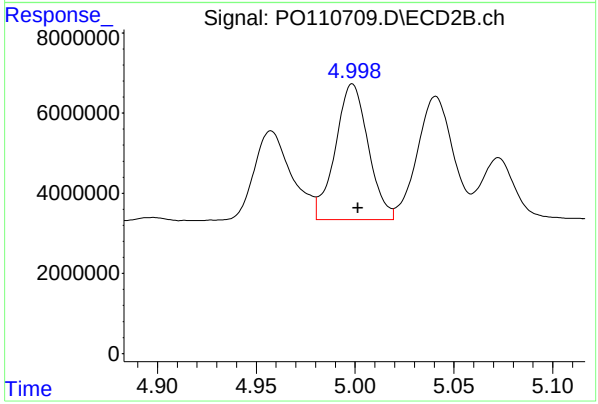
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 24984344
Conc: 217.01 ng/ml



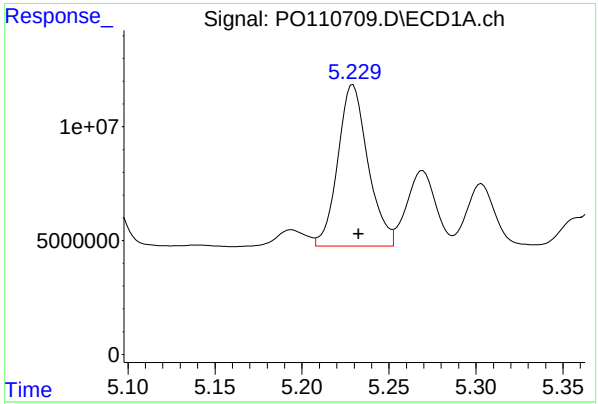
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 74726660
Conc: 252.52 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 39338987
Conc: 241.52 ng/ml



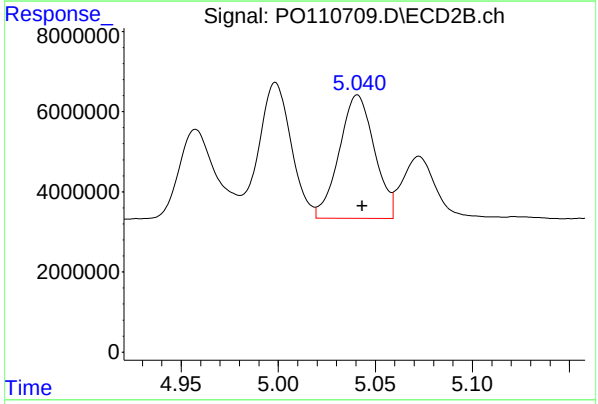
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.003 mi
Response: 85536556
Conc: 231.20 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01DL

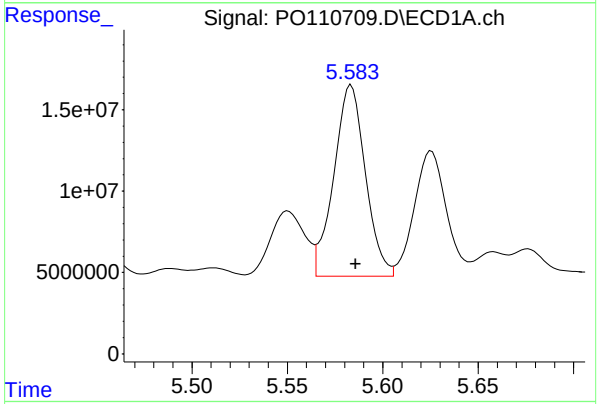
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



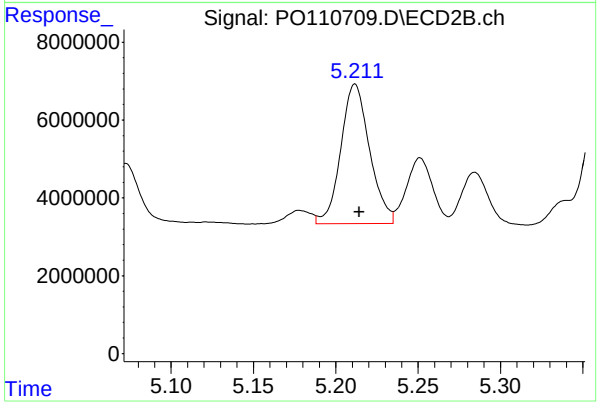
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 38905705
Conc: 221.24 ng/ml



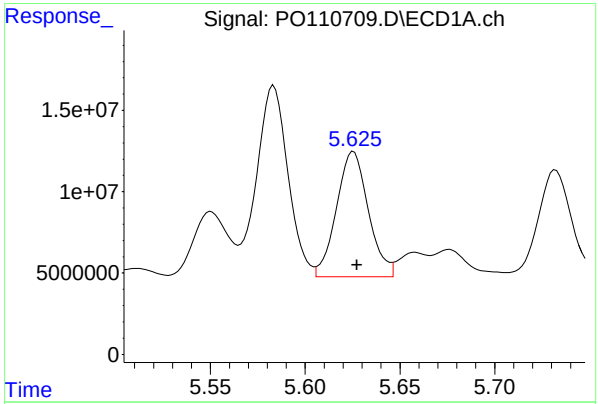
#24 AR-1248-4

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 135488738
Conc: 260.54 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 43569269
Conc: 213.91 ng/ml m



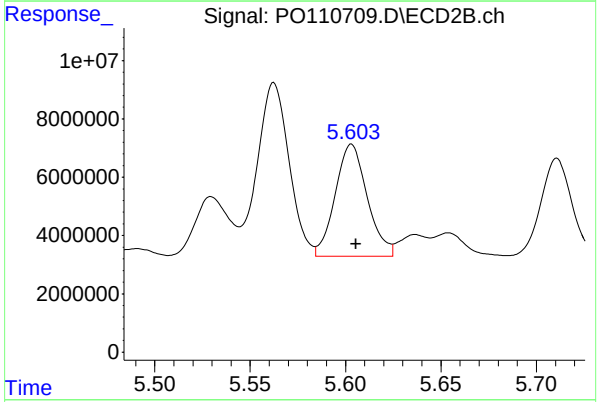
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 90029016
Conc: 243.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01DL

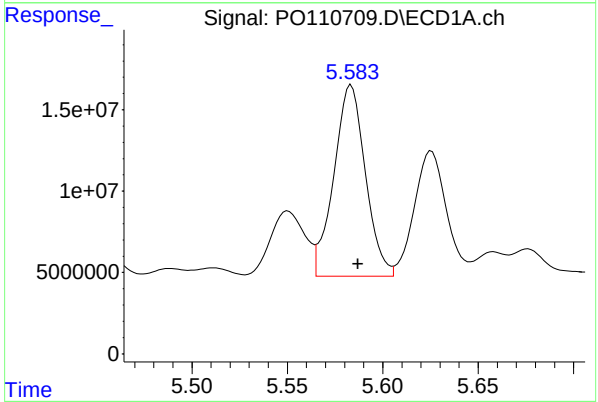
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



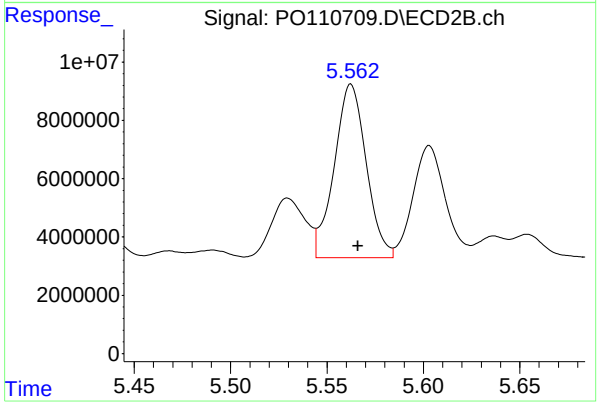
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 45093219
Conc: 228.44 ng/ml



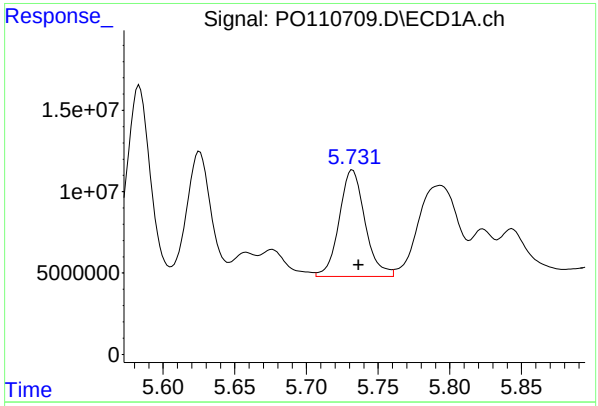
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 135488738
Conc: 242.82 ng/ml



#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 68856873
Conc: 228.38 ng/ml



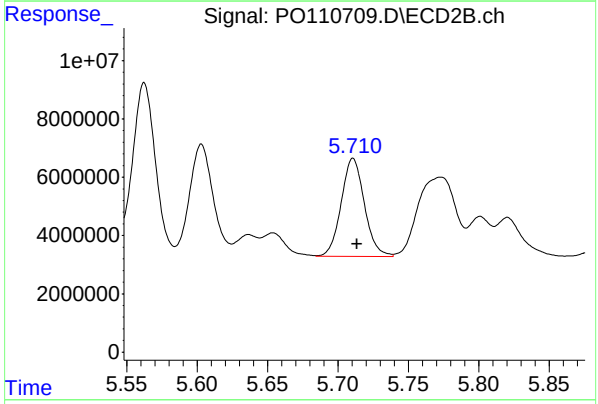
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 82308698
Conc: 169.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01DL

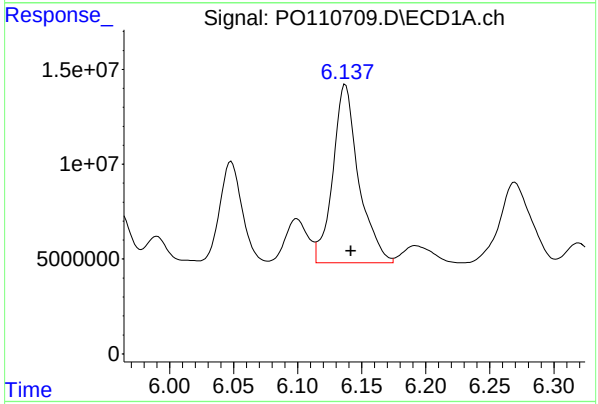
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



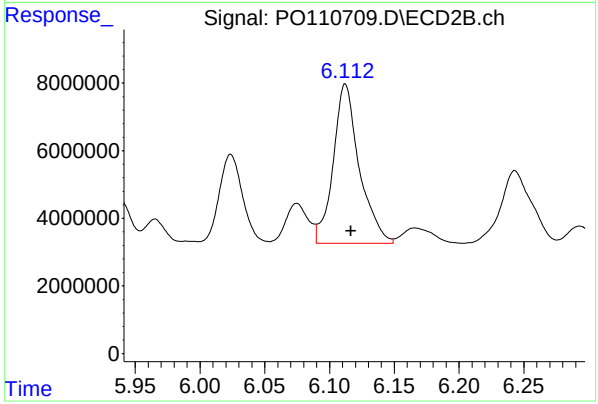
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 38630887
Conc: 145.95 ng/ml



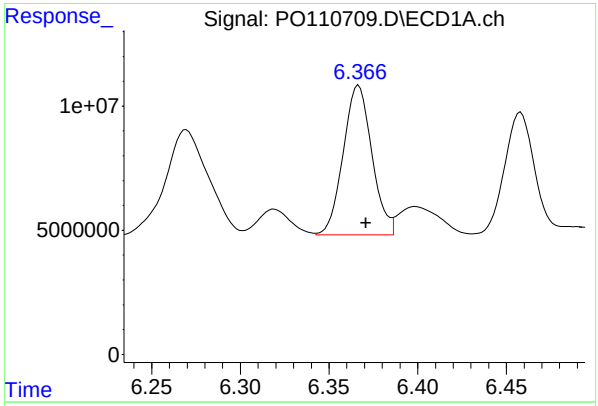
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 131847819
Conc: 168.34 ng/ml



#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 66004866
Conc: 163.61 ng/ml



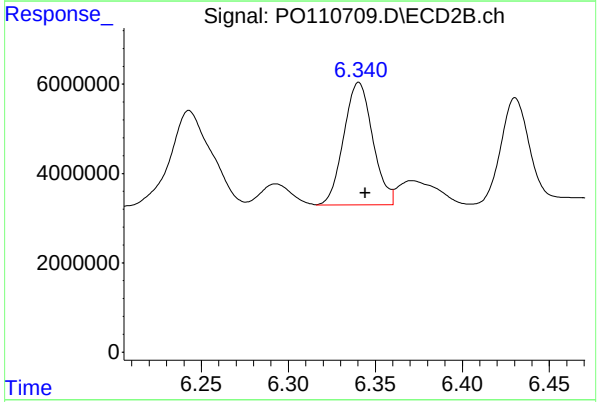
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 67809555
Conc: 139.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS009-01DL

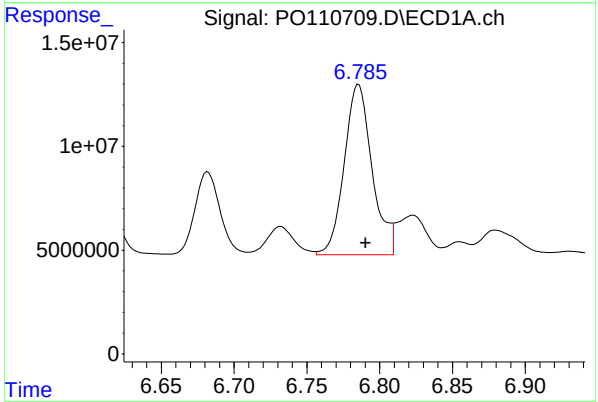
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



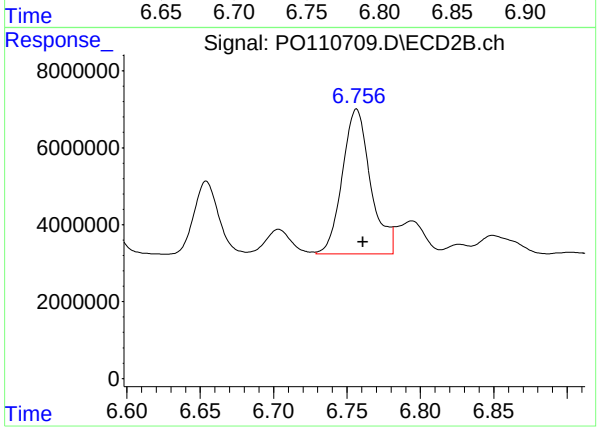
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 31841824
Conc: 138.62 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.005 min
Response: 109481055
Conc: 156.20 ng/ml



#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 50632647
Conc: 152.37 ng/ml

Raw Data: **PO110708.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS010-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-13	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	80.7 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110708.D	1	04/24/25 08:32	04/25/25 01:43	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.0	ug/kg
11104-28-2	Aroclor-1221	5.00	U	5.00	21.0	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	21.0	ug/kg
53469-21-9	Aroclor-1242	5.00	U	5.00	21.0	ug/kg
12672-29-6	Aroclor-1248	7.30	U	7.30	21.0	ug/kg
11097-69-1	Aroclor-1254	57.4		4.00	21.0	ug/kg
37324-23-5	Aroclor-1262	6.20	U	6.20	21.0	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	21.0	ug/kg
11096-82-5	Aroclor-1260	54.6		4.00	21.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		32 - 144	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.4		32 - 175	57%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 01:43
Operator : YP/AJ
Sample : Q1860-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS010-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:48:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	141.0E6	76251959	16.120	15.282
2)	SA Decachlor...	8.729	8.679	85855211	22042176	10.875	11.451
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.562	62896097	33006322	112.719m	109.474m
27)	L6 AR-1254-2	5.732	5.710	48075644	26801813	98.982m	101.259m
28)	L6 AR-1254-3	6.136	6.111	124.2E6	65004452	158.558m	161.135m
29)	L6 AR-1254-4	6.365	6.339	43746199	23679378	89.716m	103.082m
30)	L6 AR-1254-5	6.785	6.757	157.1E6	73525745	224.119	221.269
31)	L7 AR-1260-1	6.269	6.243	95512723	48373483	202.167	196.669
32)	L7 AR-1260-2	6.458	6.430	87267687	38825991	148.813	133.079
33)	L7 AR-1260-3	6.824	6.582	48032403	35970617	97.454	132.790 #
34)	L7 AR-1260-4	7.084	7.054	48994870	20243855	115.439	100.896
35)	L7 AR-1260-5	7.326	7.295	102.5E6	45322934	98.277m	98.773

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 01:43
Operator : YP/AJ
Sample : Q1860-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

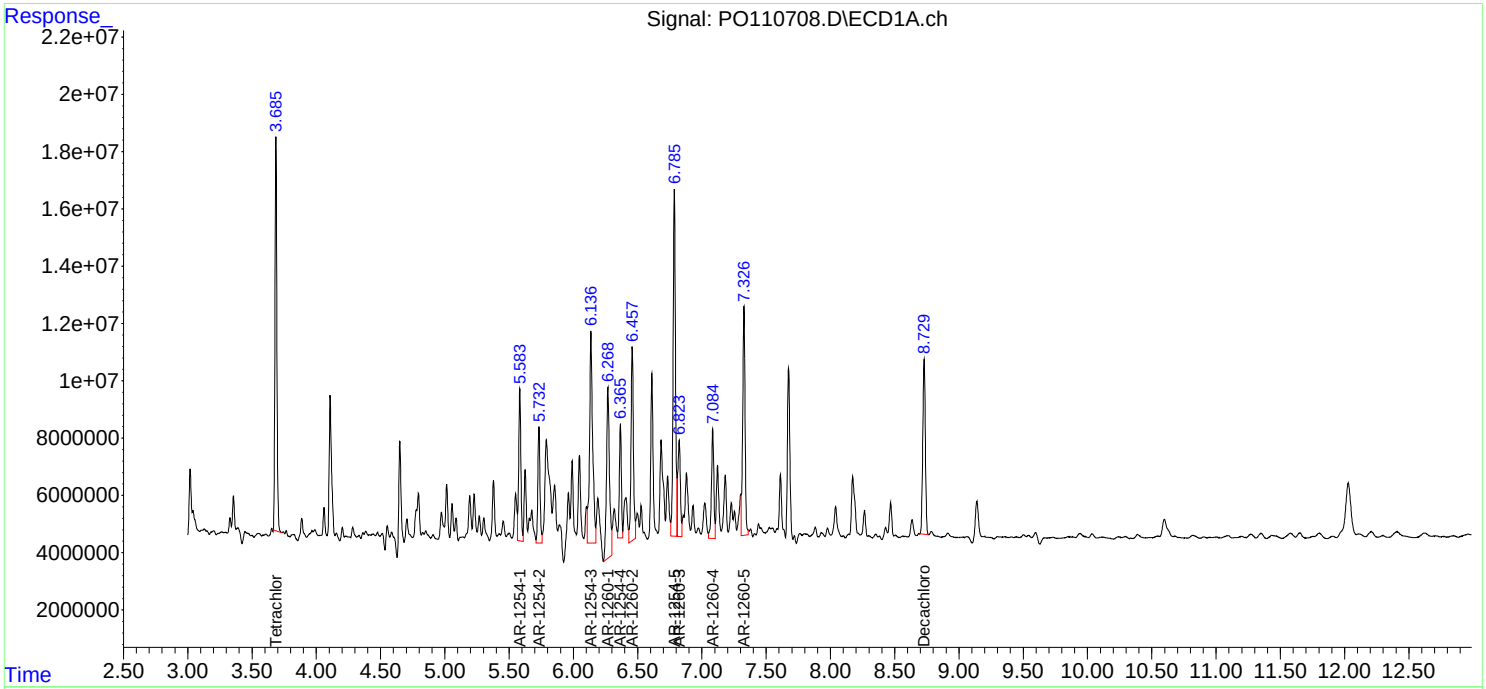
Instrument :
ECD_O
ClientSampleId :
P001-SS010-01

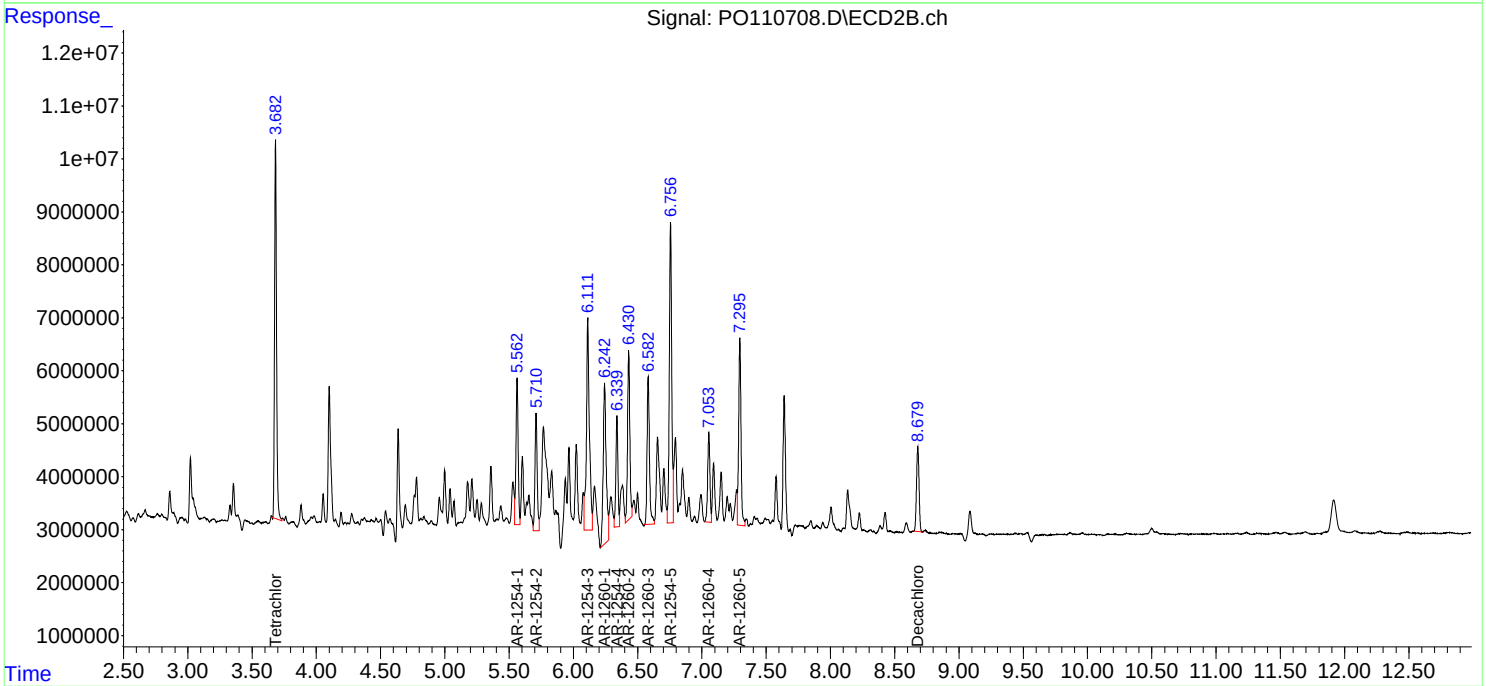
Manual Integrations APPROVED

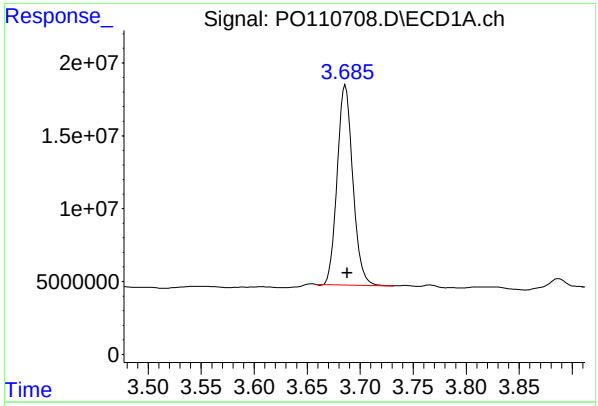
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:48:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







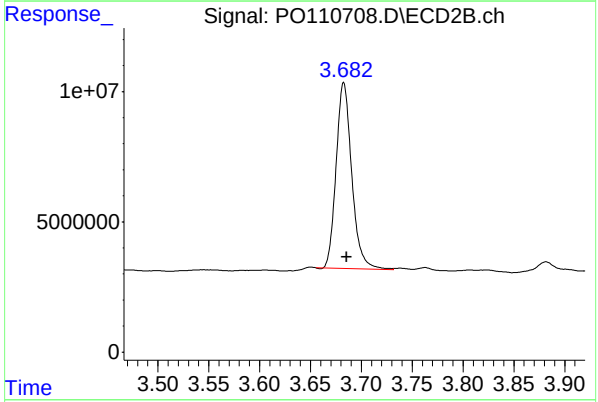
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 141037429
Conc: 16.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS010-01

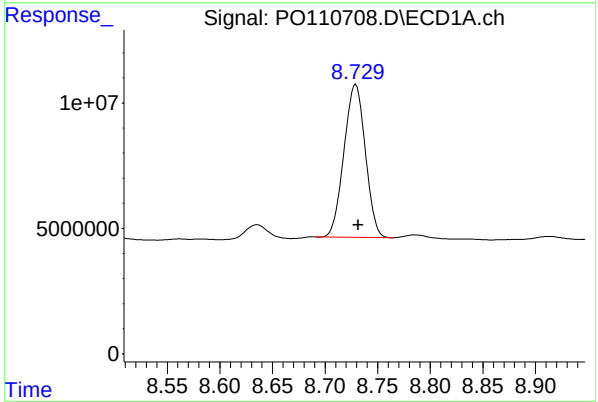
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



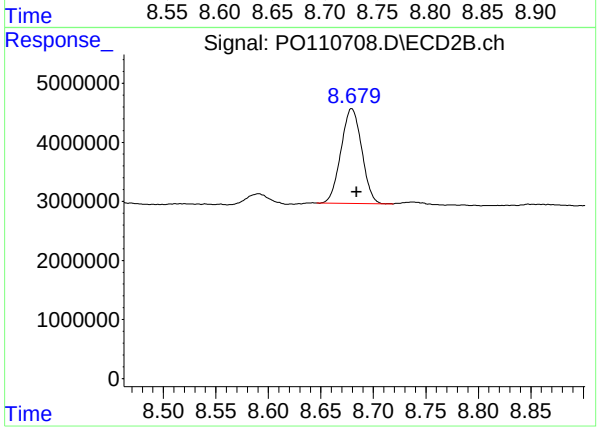
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 76251959
Conc: 15.28 ng/ml



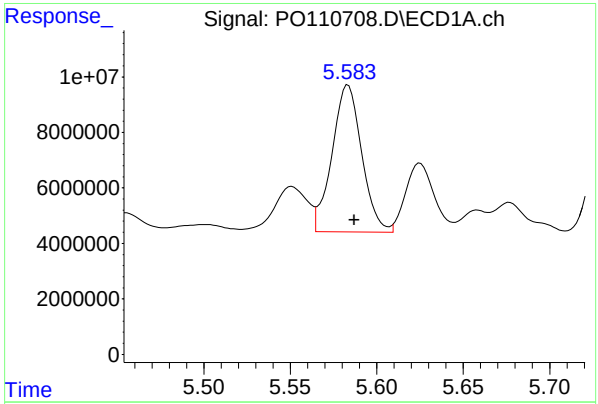
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 85855211
Conc: 10.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 22042176
Conc: 11.45 ng/ml



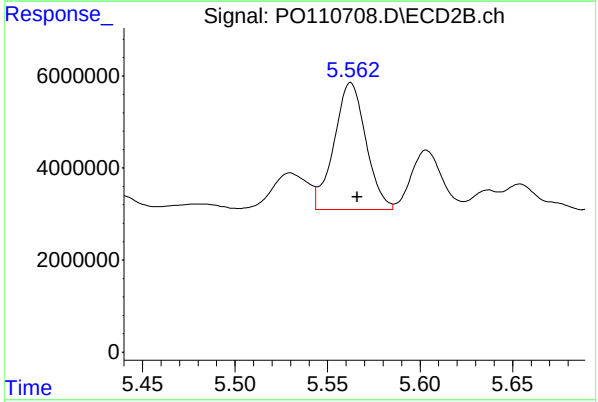
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 mi
Response: 62896097
Conc: 112.72 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS010-01

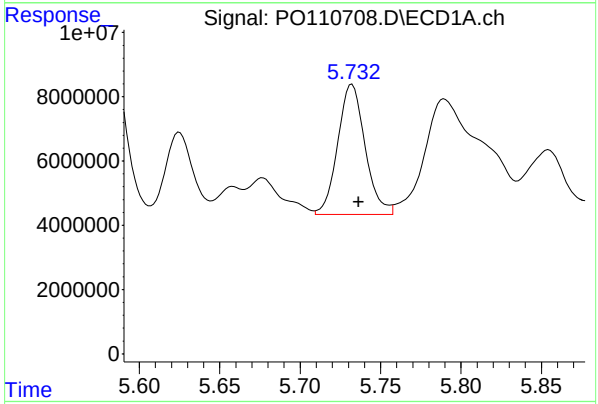
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



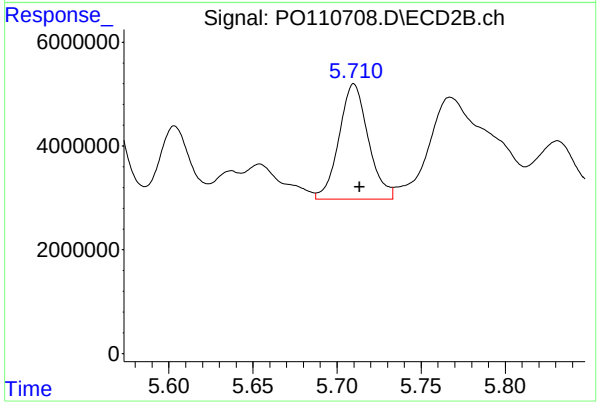
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 33006322
Conc: 109.47 ng/ml m



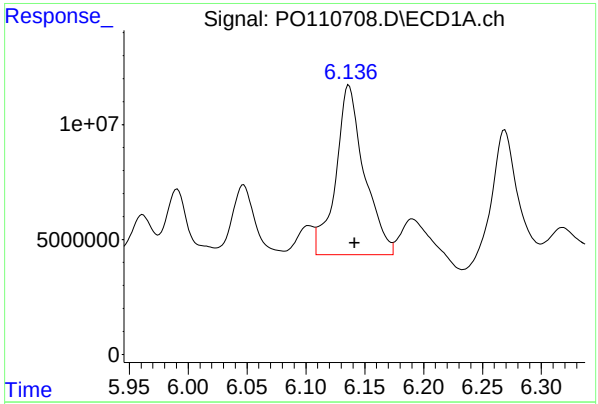
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.005 min
Response: 48075644
Conc: 98.98 ng/ml m



#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 26801813
Conc: 101.26 ng/ml m



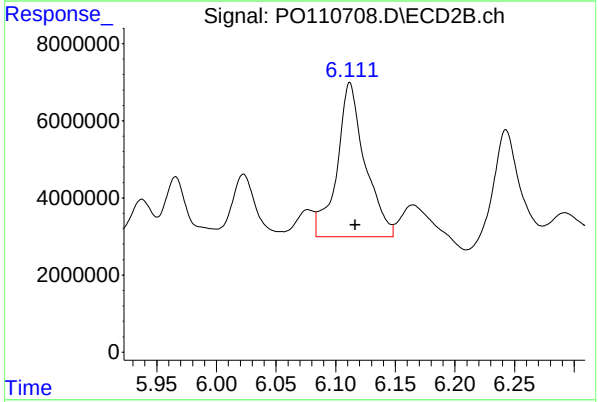
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.006 mi
Response: 124185793
Conc: 158.56 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS010-01

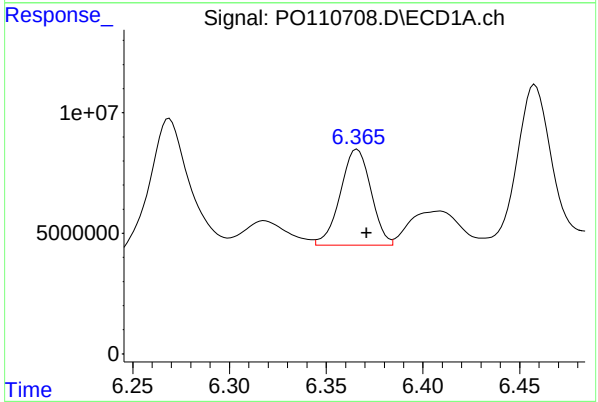
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



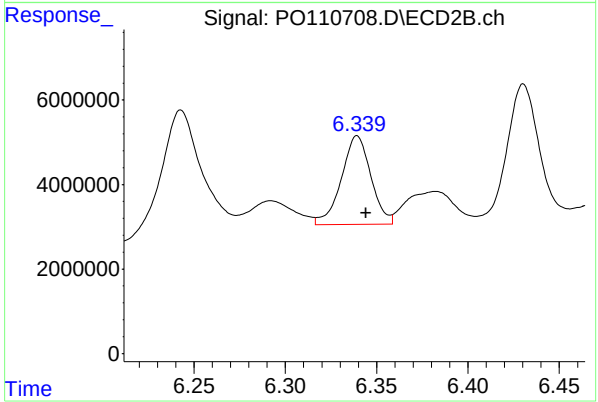
#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.005 min
Response: 65004452
Conc: 161.13 ng/ml m



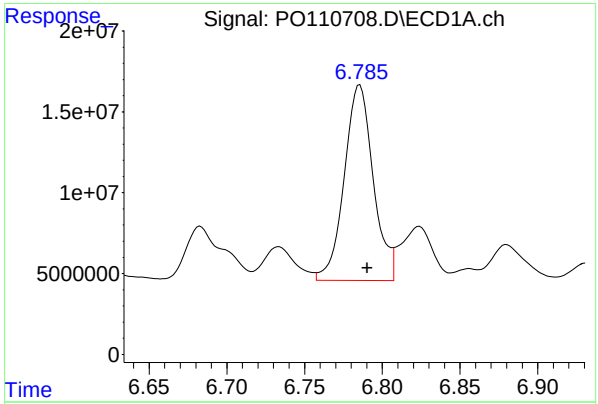
#29 AR-1254-4

R.T.: 6.365 min
Delta R.T.: -0.006 min
Response: 43746199
Conc: 89.72 ng/ml m



#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 23679378
Conc: 103.08 ng/ml m



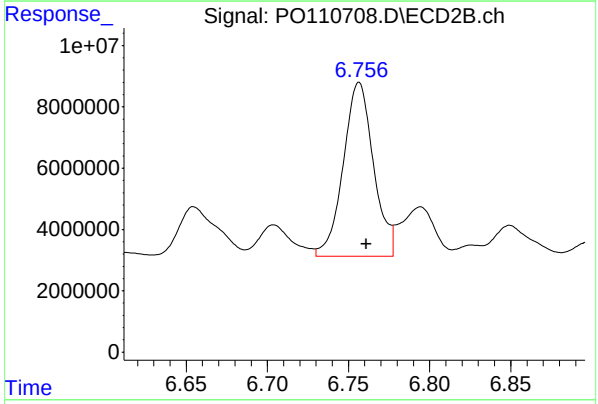
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 157084981
Conc: 224.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS010-01

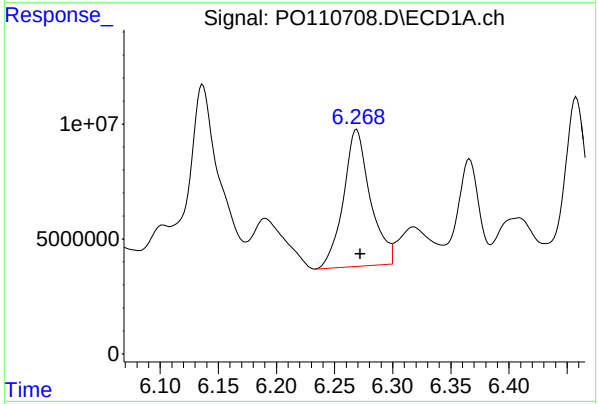
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



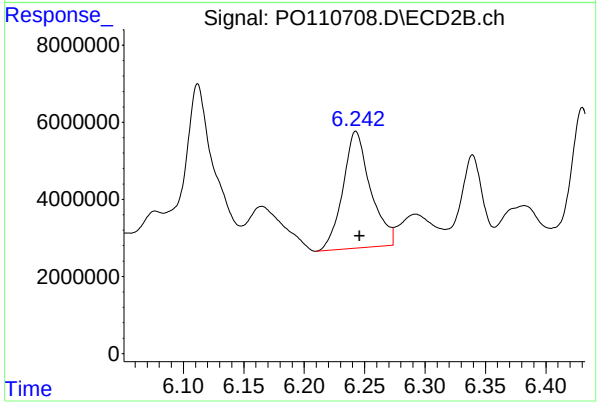
#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 73525745
Conc: 221.27 ng/ml



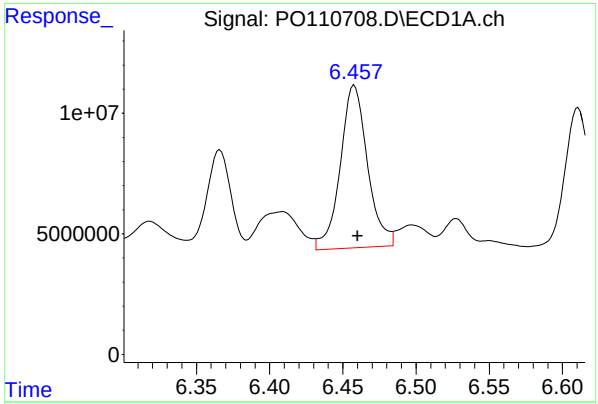
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 95512723
Conc: 202.17 ng/ml



#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 48373483
Conc: 196.67 ng/ml



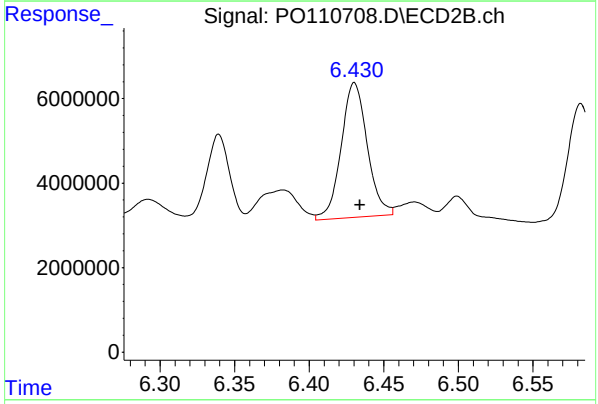
#32 AR-1260-2

R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 87267687
Conc: 148.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS010-01

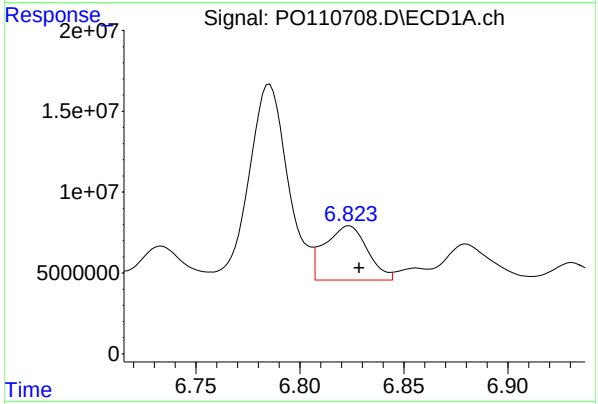
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



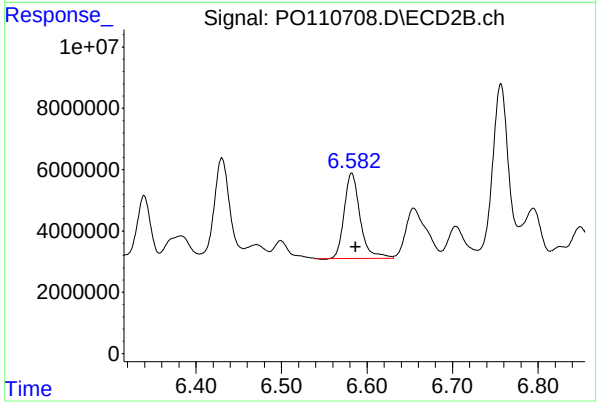
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 38825991
Conc: 133.08 ng/ml



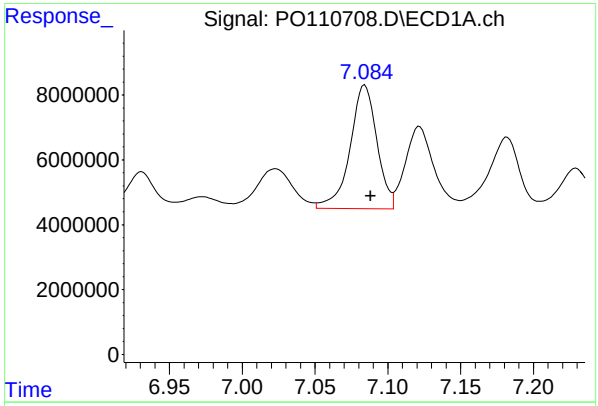
#33 AR-1260-3

R.T.: 6.824 min
Delta R.T.: -0.005 min
Response: 48032403
Conc: 97.45 ng/ml



#33 AR-1260-3

R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 35970617
Conc: 132.79 ng/ml



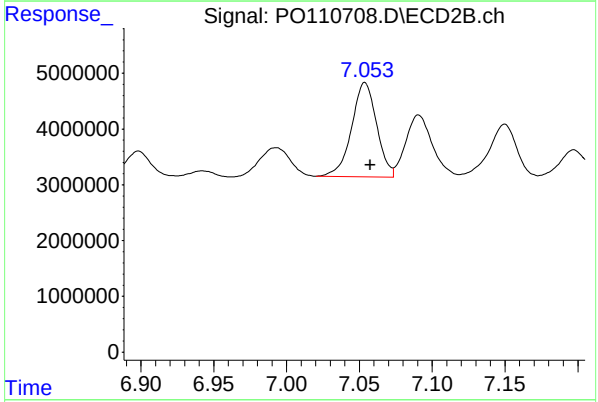
#34 AR-1260-4

R.T.: 7.084 min
Delta R.T.: -0.004 mi
Response: 48994870
Conc: 115.44 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS010-01

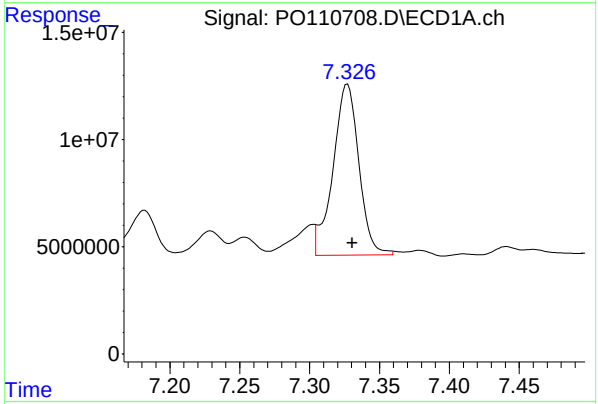
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



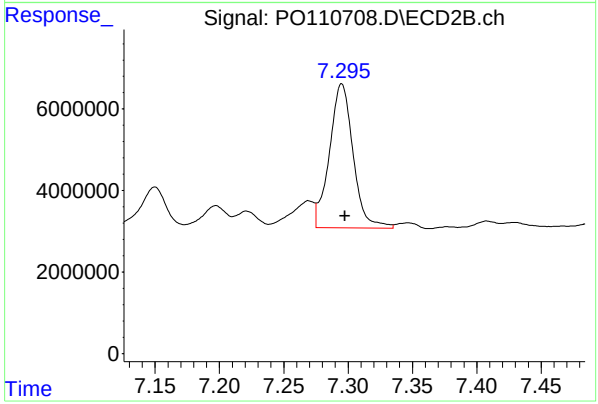
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 20243855
Conc: 100.90 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 102549020
Conc: 98.28 ng/ml m



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 45322934
Conc: 98.77 ng/ml

Raw Data: **PO110683.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS011-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-14	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	82.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110683.D	1	04/24/25 08:32	04/24/25 14:32	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.5	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.5	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.5	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.5	ug/kg
12672-29-6	Aroclor-1248	325		7.10	20.5	ug/kg
11097-69-1	Aroclor-1254	282		3.90	20.5	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.5	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.5	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.5		32 - 144	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		32 - 175	74%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110683.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:32
Operator : YP/AJ
Sample : Q1860-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS011-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:26:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	144.3E6	80771130	16.498	16.187
2)	SA Decachlor...	8.726	8.678	109.1E6	28578080	13.823	14.846
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.763	156.8E6	84620030	736.611	734.983
22)	L5 AR-1248-2	5.014	4.999	244.9E6	132.5E6	827.629	813.575
23)	L5 AR-1248-3	5.229	5.041	273.5E6	124.2E6	739.242	706.389
24)	L5 AR-1248-4	5.584	5.211	486.3E6	149.6E6	935.146	734.486m
25)	L5 AR-1248-5	5.625	5.603	299.5E6	157.6E6	810.662	798.391
26)	L6 AR-1254-1	5.584	5.562	486.3E6	258.4E6	871.531	857.006
27)	L6 AR-1254-2	5.732	5.710	287.9E6	148.6E6	592.675	561.576
28)	L6 AR-1254-3	6.137	6.112	590.4E6	309.2E6	753.808	766.468
29)	L6 AR-1254-4	6.367	6.340	247.6E6	123.5E6	507.739	537.630
30)	L6 AR-1254-5	6.786	6.757	546.4E6	259.0E6	779.588	779.317

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:32
Operator : YP/AJ
Sample : Q1860-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

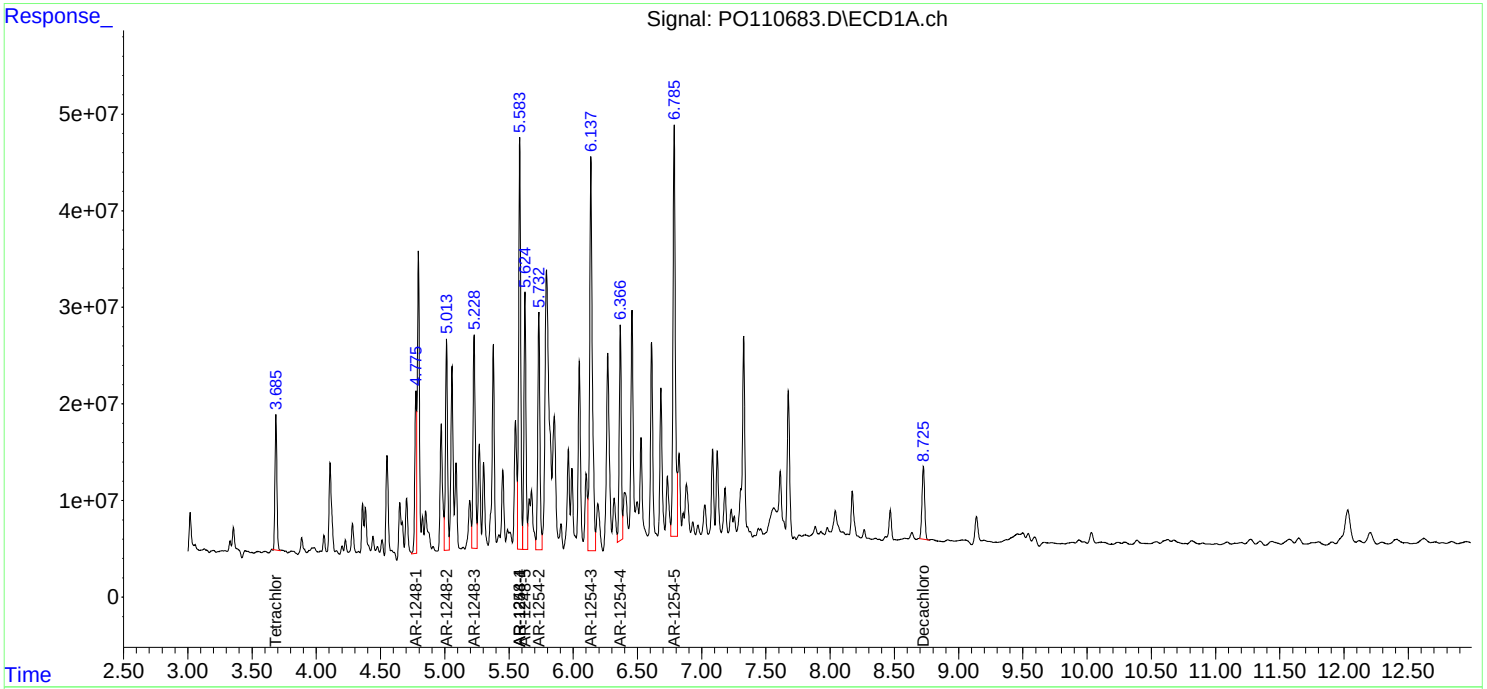
Instrument :
ECD_O
ClientSampleId :
P001-SS011-01

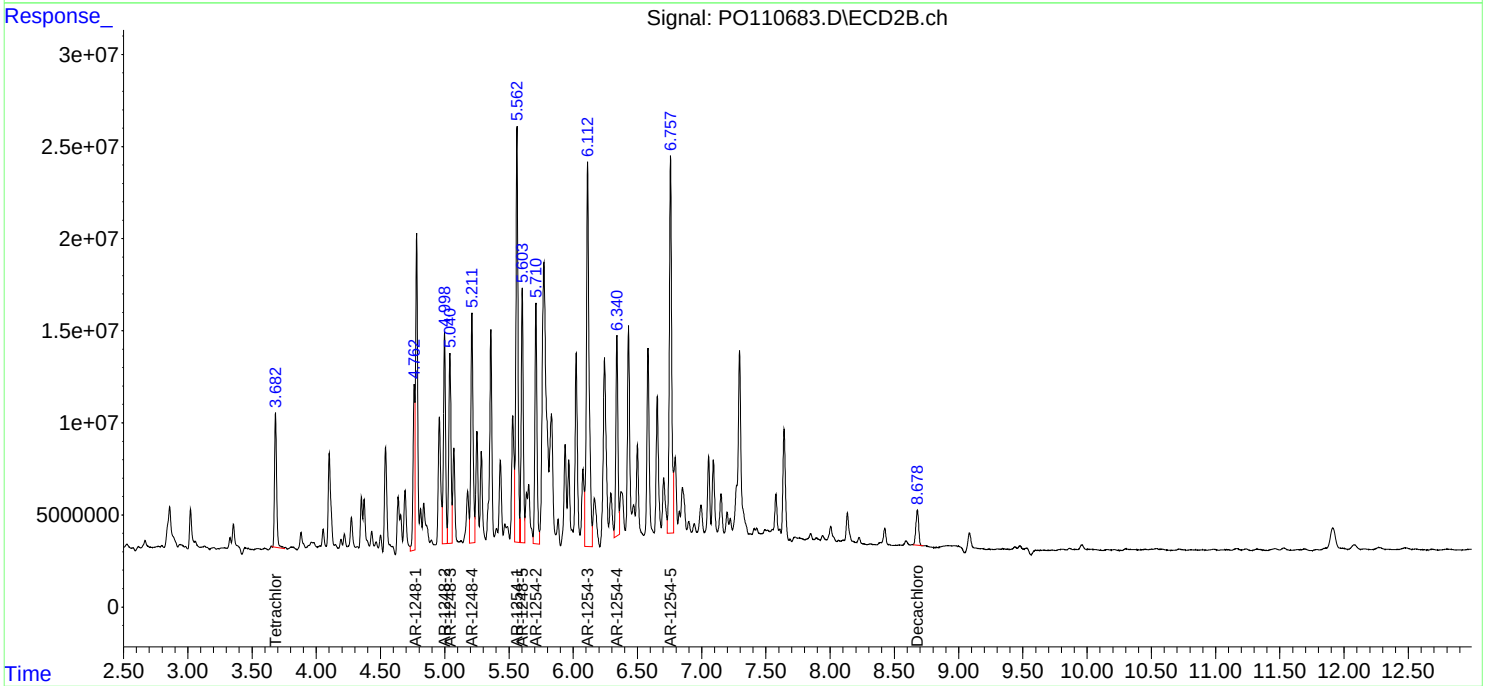
Manual Integrations APPROVED

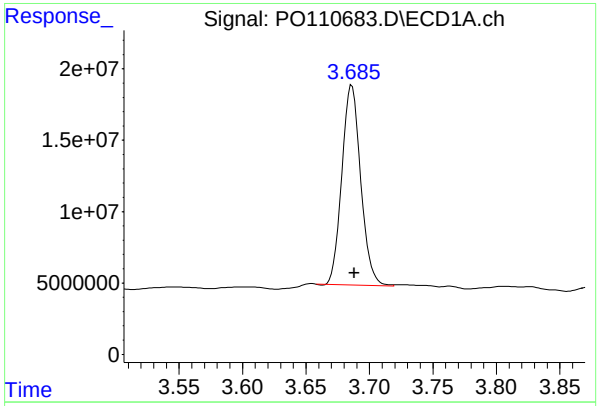
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:26:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







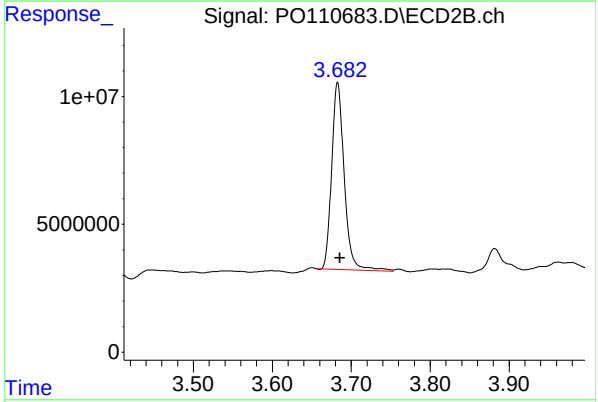
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 144345199
Conc: 16.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS011-01

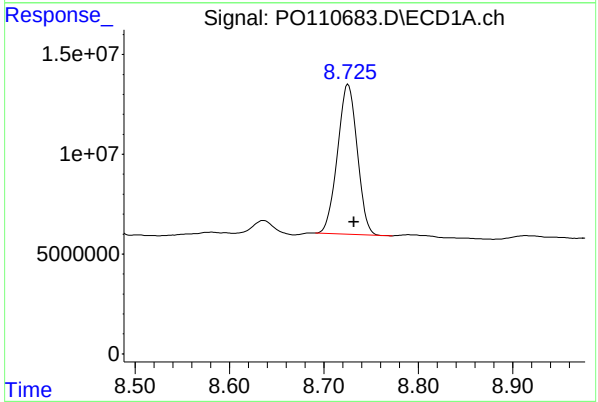
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



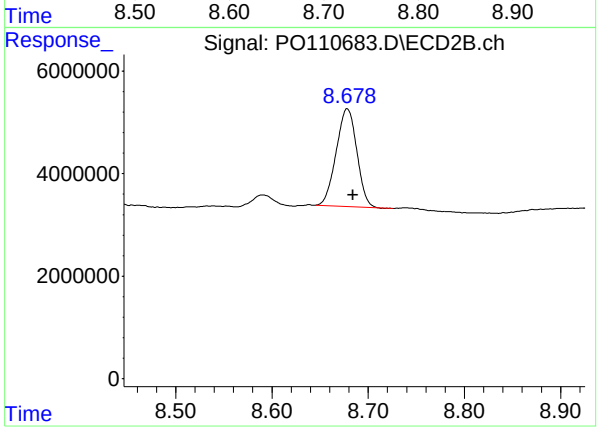
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 80771130
Conc: 16.19 ng/ml



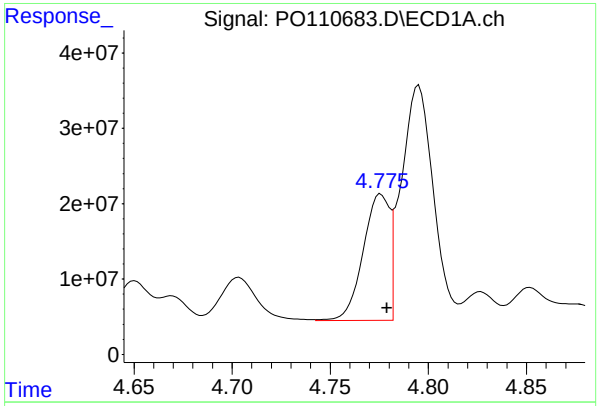
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.006 min
Response: 109130191
Conc: 13.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 28578080
Conc: 14.85 ng/ml



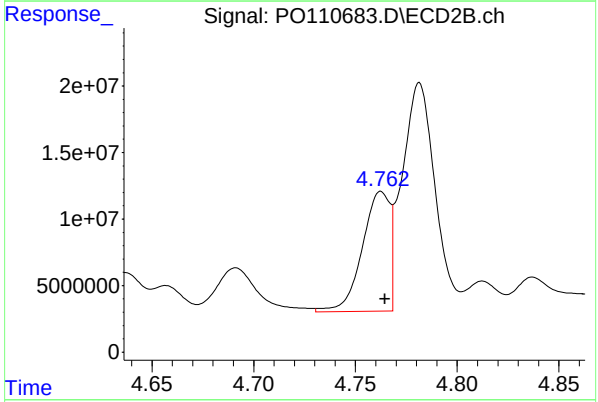
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 156777658
Conc: 736.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS011-01

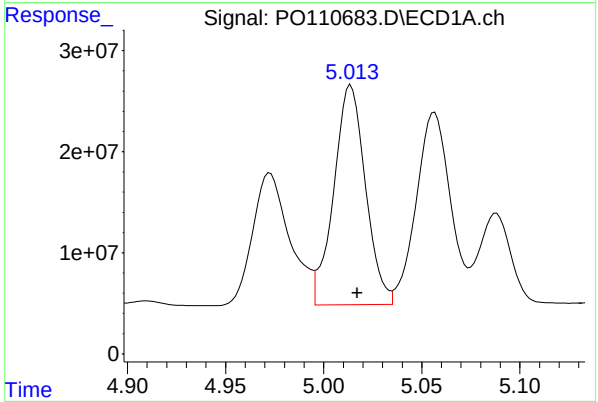
Manual Integrations
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Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



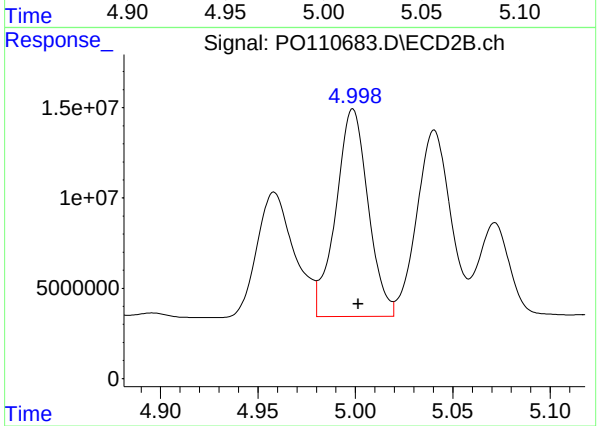
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 84620030
Conc: 734.98 ng/ml



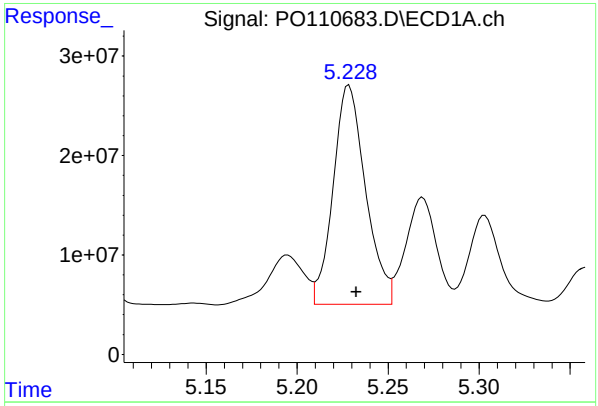
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 244916275
Conc: 827.63 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 132517284
Conc: 813.58 ng/ml



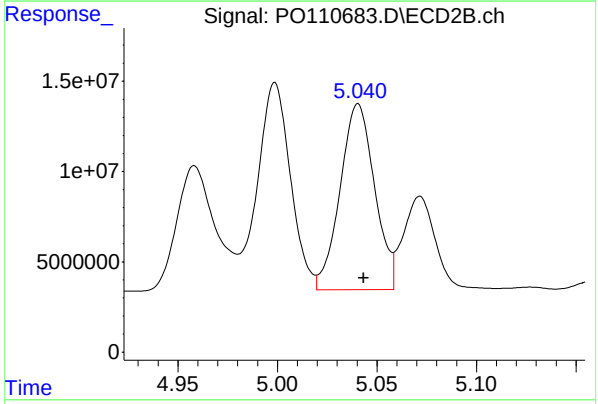
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.004 mi
Response: 273490981
Conc: 739.24 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS011-01

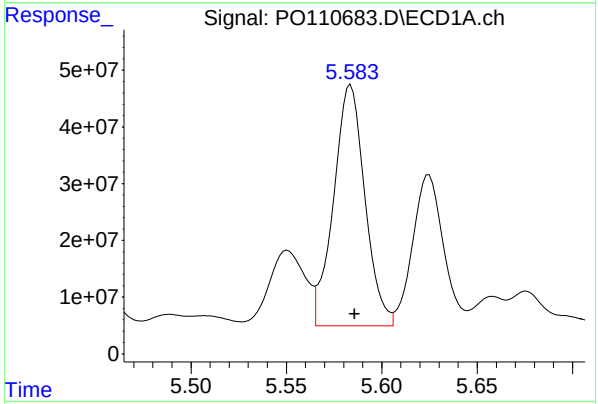
Manual Integrations
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Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



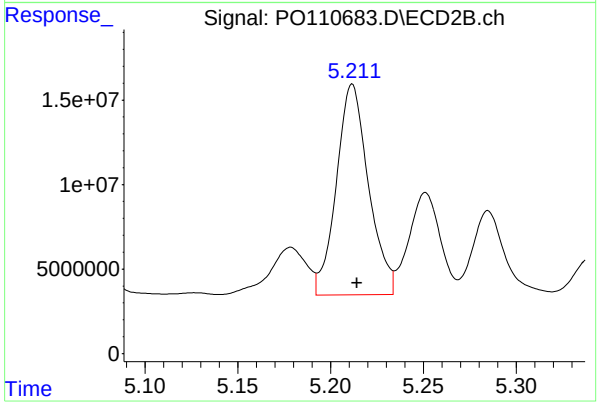
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 124222813
Conc: 706.39 ng/ml



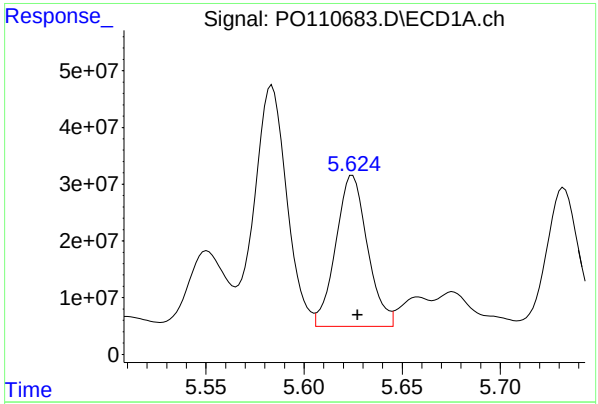
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 486304778
Conc: 935.15 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 149599128
Conc: 734.49 ng/ml m



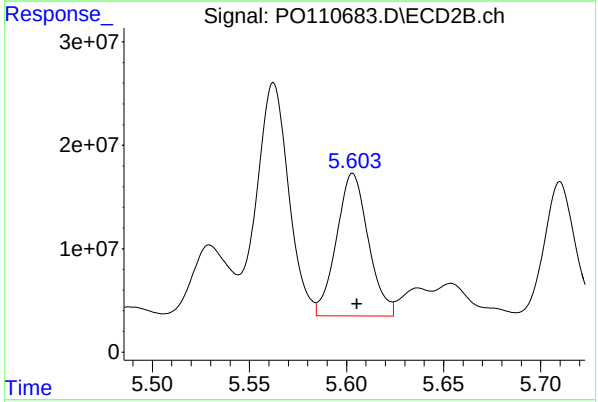
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 299479494
Conc: 810.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS011-01

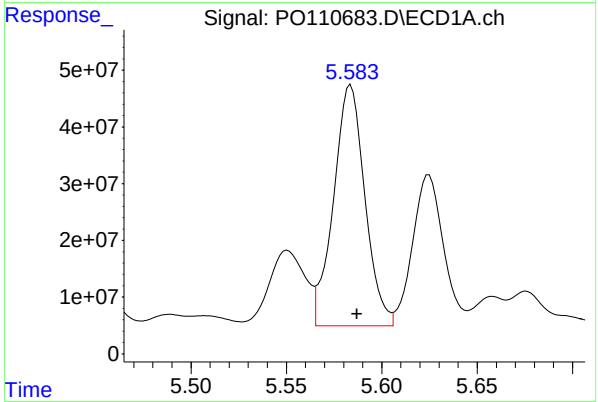
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



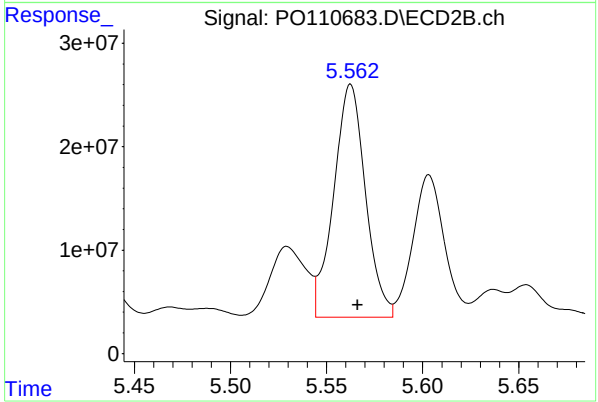
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 157598941
Conc: 798.39 ng/ml



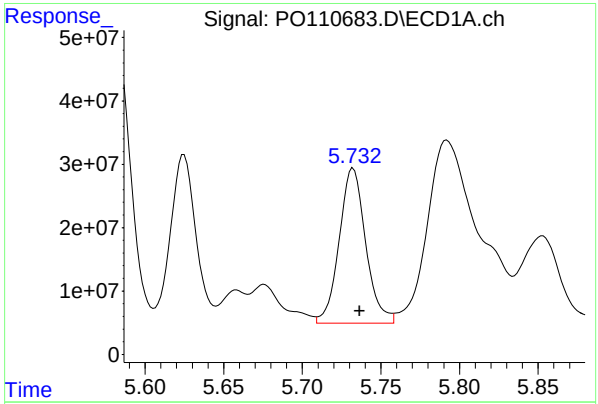
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 486304778
Conc: 871.53 ng/ml



#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 258386562
Conc: 857.01 ng/ml



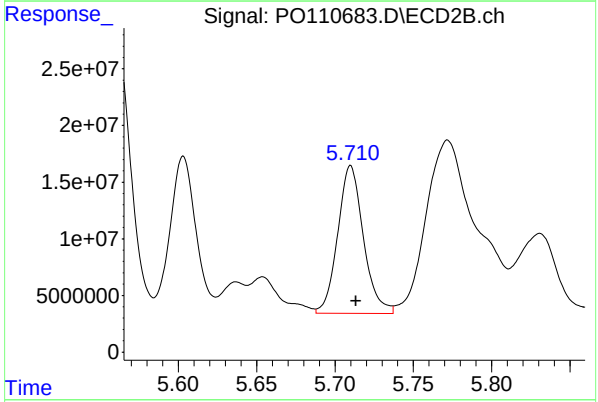
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 287863908
Conc: 592.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS011-01

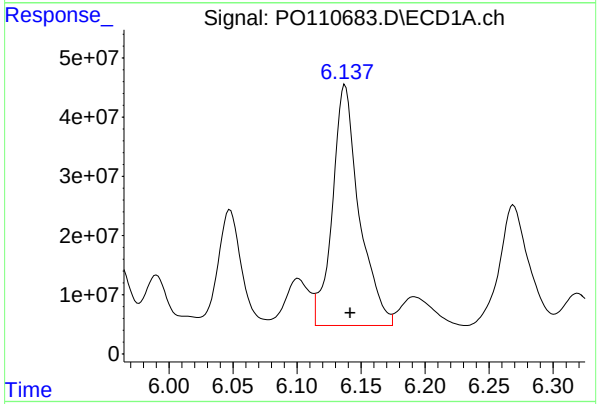
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



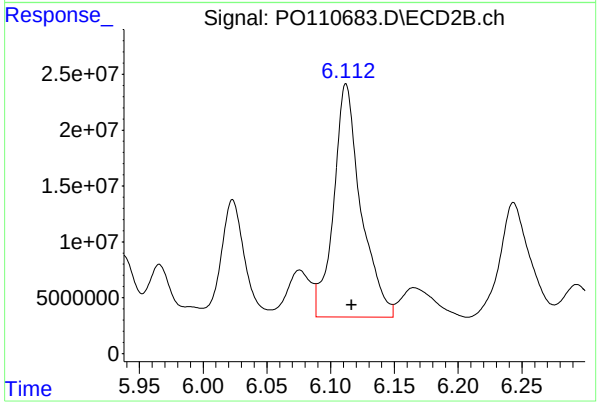
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 148640956
Conc: 561.58 ng/ml



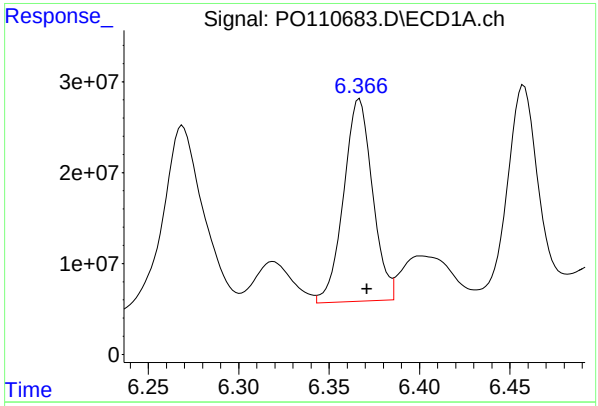
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 590398598
Conc: 753.81 ng/ml



#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 309205348
Conc: 766.47 ng/ml



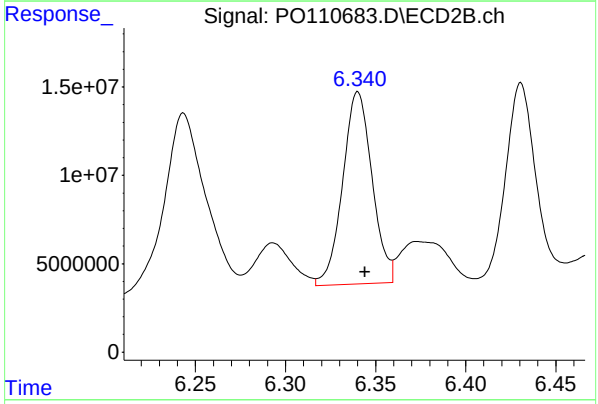
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 247576017
Conc: 507.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS011-01

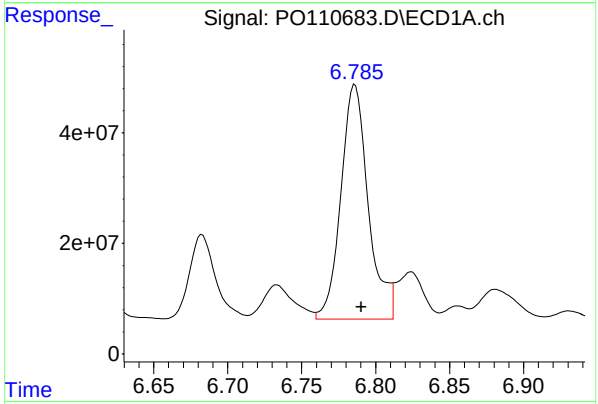
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
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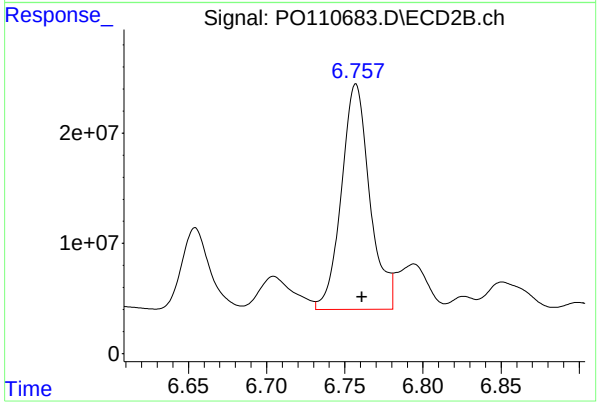
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 123500640
Conc: 537.63 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 546413154
Conc: 779.59 ng/ml



#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 258960533
Conc: 779.32 ng/ml

Raw Data: **PO110684.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS012-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-15	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	81.3 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110684.D	1	04/24/25 08:32	04/24/25 14:51	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	20.9	ug/kg
11104-28-2	Aroclor-1221	5.00	U	5.00	20.9	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	20.9	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.9	ug/kg
12672-29-6	Aroclor-1248	6500	E	7.30	20.9	ug/kg
11097-69-1	Aroclor-1254	3900	E	3.90	20.9	ug/kg
37324-23-5	Aroclor-1262	6.20	U	6.20	20.9	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.9	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	20.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.8		32 - 144	74%	SPK: 20
2051-24-3	Decachlorobiphenyl	43.8	*	32 - 175	219%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110684.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:51
Operator : YP/AJ
Sample : Q1860-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:26:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	127.4E6	73580116	14.559	14.746
2)	SA Decachlor...	8.727	8.679	346.2E6	77770306	43.845	40.400
	Target Compounds						
21)	L5 AR-1248-1	4.777	4.764	3897.2E6	2046.5E6	18310.573	17774.859
22)	L5 AR-1248-2	5.016	5.000	4253.8E6	2303.4E6	14374.691	14141.549
23)	L5 AR-1248-3	5.230	5.042	5685.8E6	2524.3E6	15368.729	14354.192
24)	L5 AR-1248-4	5.585	5.213	8139.7E6	3150.8E6	15652.343	15469.240m
25)	L5 AR-1248-5	5.626	5.604	5880.2E6	3138.8E6	15917.039	15901.195
26)	L6 AR-1254-1	5.585	5.563	8139.7E6	4378.5E6	14587.562	14522.519
27)	L6 AR-1254-2	5.734	5.712	3670.3E6	1921.2E6	7556.603	7258.265
28)	L6 AR-1254-3	6.139	6.114	7216.1E6	3744.2E6	9213.409	9281.280
29)	L6 AR-1254-4	6.368	6.342	3521.6E6	1738.0E6	7222.137	7566.153
30)	L6 AR-1254-5	6.787	6.758	5983.5E6	2826.9E6	8536.915	8507.419

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:51
Operator : YP/AJ
Sample : Q1860-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

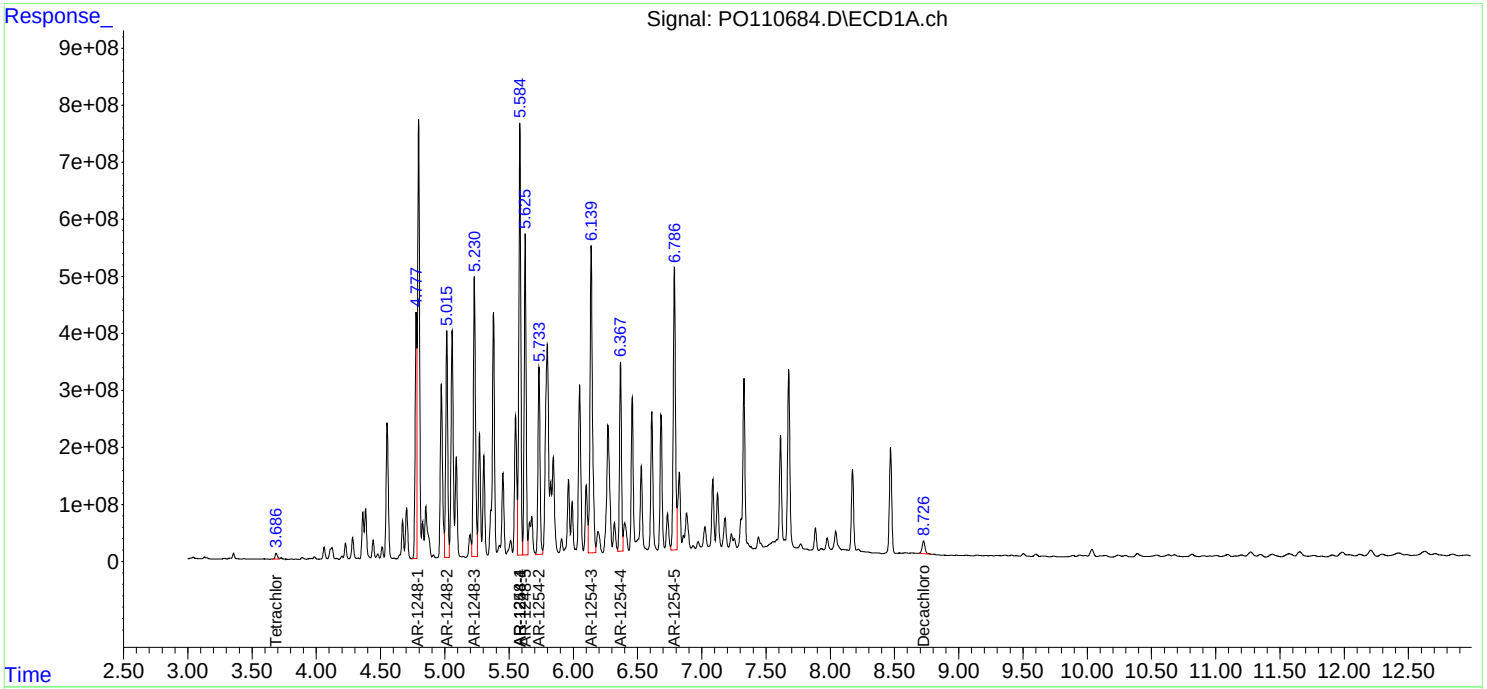
Instrument :
ECD_O
ClientSampleId :
P001-SS012-01

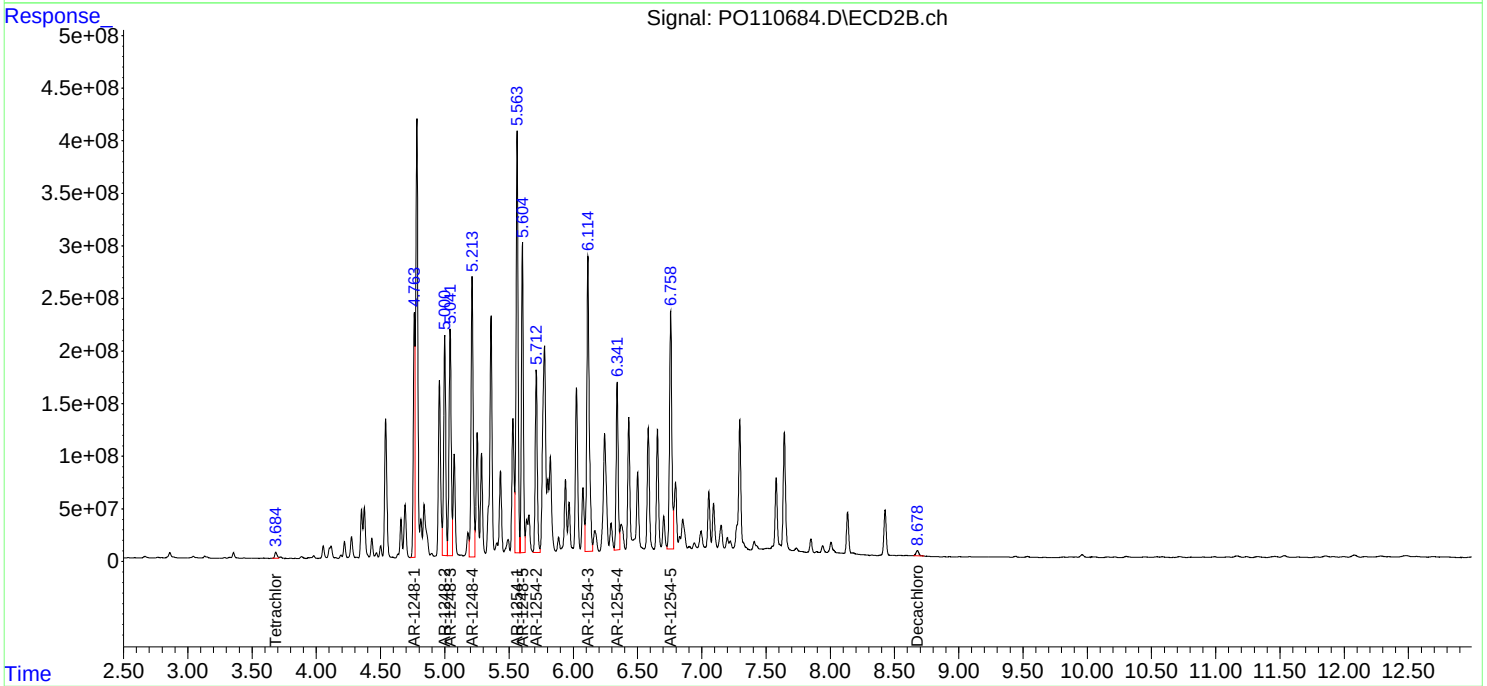
Manual Integrations APPROVED

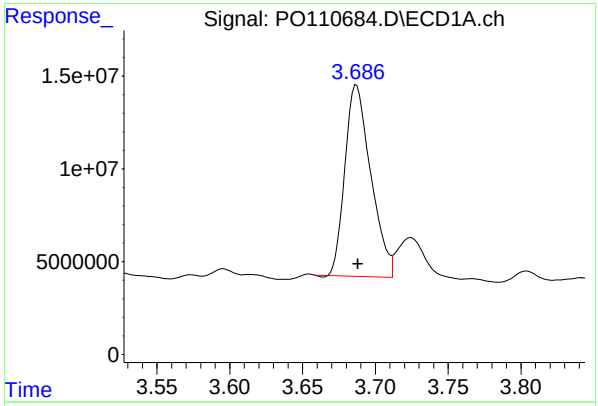
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:26:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







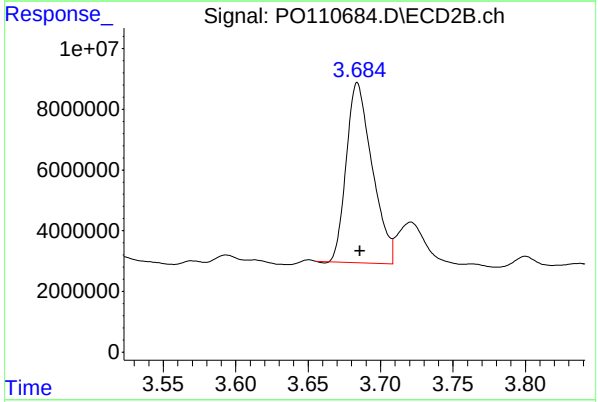
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 127377353
Conc: 14.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01

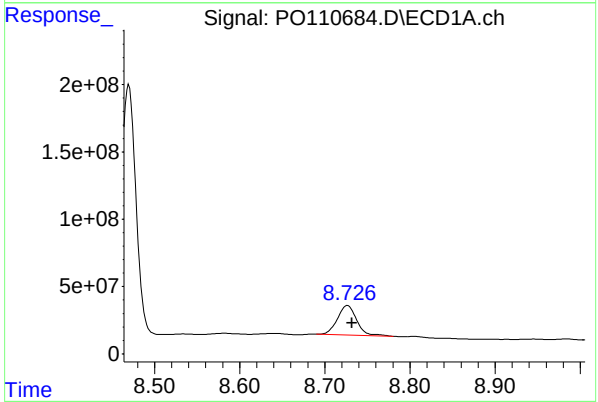
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



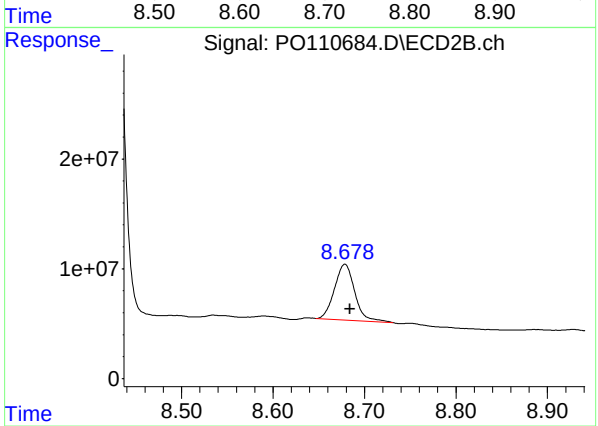
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 73580116
Conc: 14.75 ng/ml



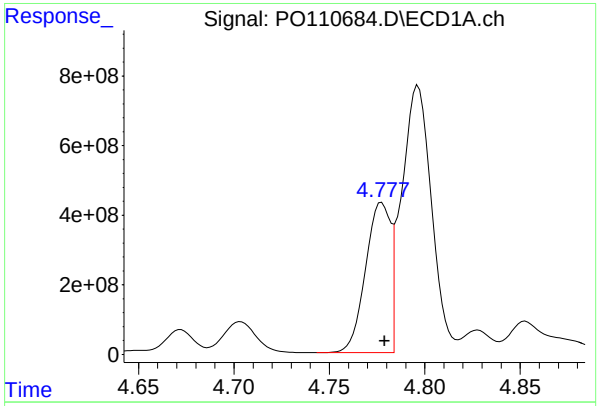
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 346152386
Conc: 43.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.006 min
Response: 77770306
Conc: 40.40 ng/ml



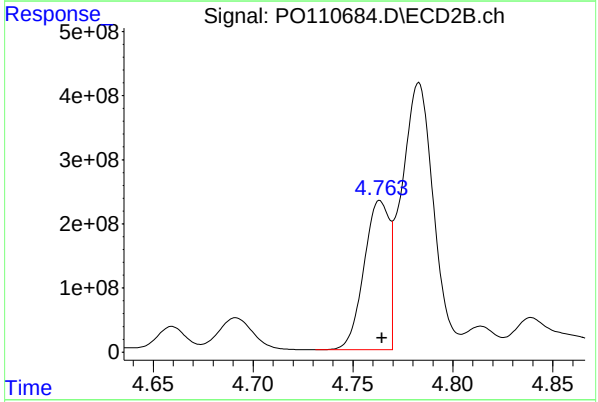
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 3897154595
Conc: 18310.57 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01

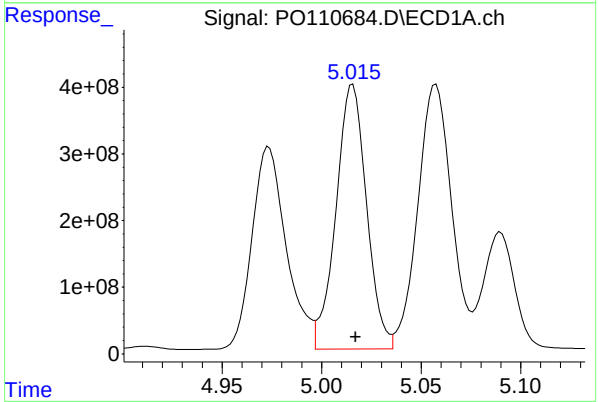
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



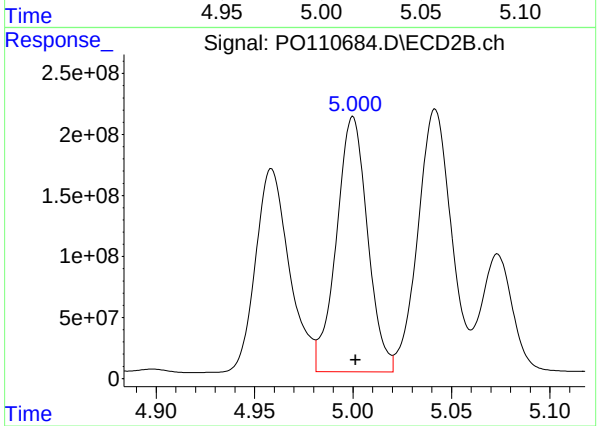
#21 AR-1248-1

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 2046454519
Conc: 17774.86 ng/ml



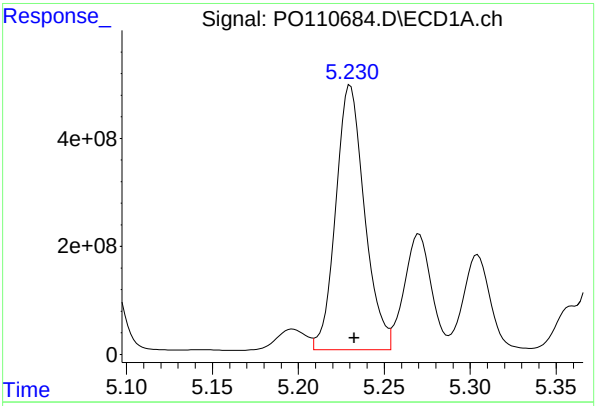
#22 AR-1248-2

R.T.: 5.016 min
Delta R.T.: -0.002 min
Response: 4253830948
Conc: 14374.69 ng/ml



#22 AR-1248-2

R.T.: 5.000 min
Delta R.T.: -0.001 min
Response: 2303412192
Conc: 14141.55 ng/ml



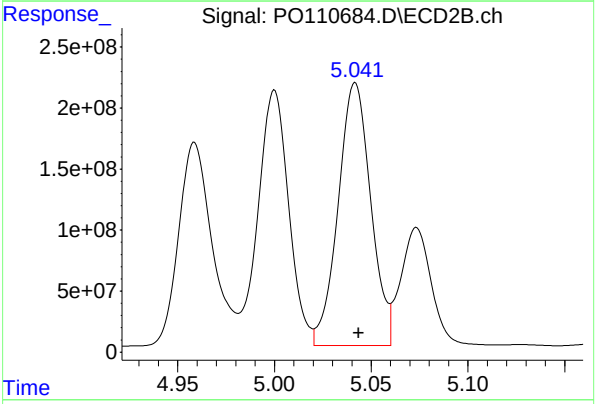
#23 AR-1248-3

R.T.: 5.230 min
Delta R.T.: -0.002 mi
Response: 5685836882
Conc: 15368.73 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01

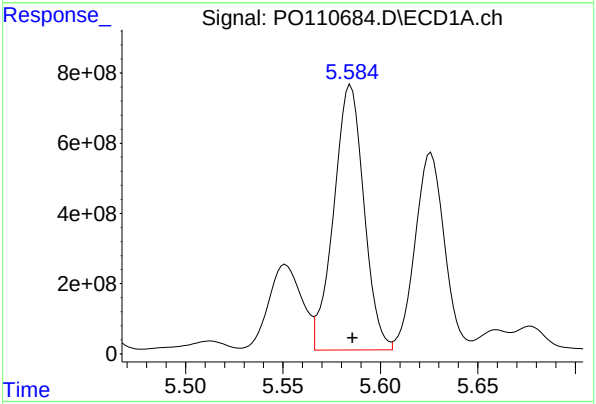
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



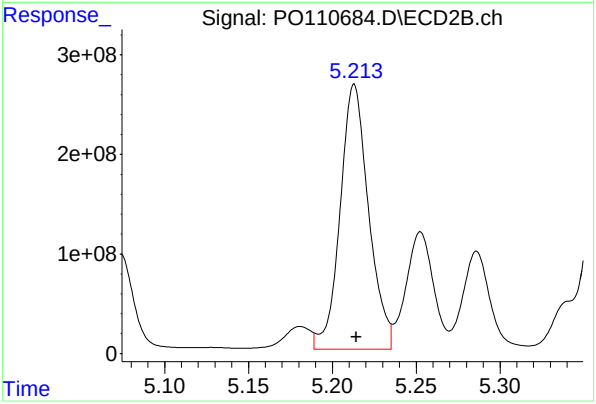
#23 AR-1248-3

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 2524272184
Conc: 14354.19 ng/ml



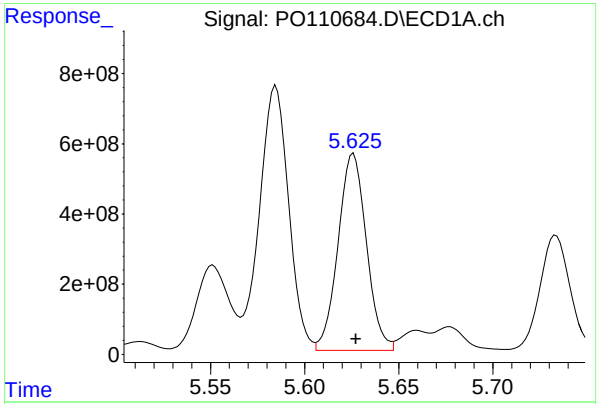
#24 AR-1248-4

R.T.: 5.585 min
Delta R.T.: -0.001 min
Response: 8139700343
Conc: 15652.34 ng/ml



#24 AR-1248-4

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 3150754999
Conc: 15469.24 ng/ml m



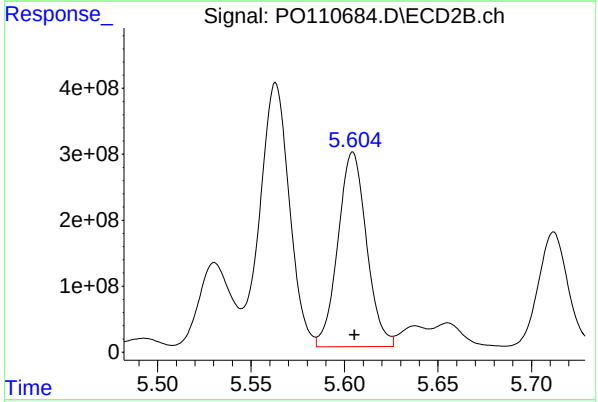
#25 AR-1248-5

R.T.: 5.626 min
Delta R.T.: -0.001 min
Response: 5880164545
Conc: 15917.04 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01

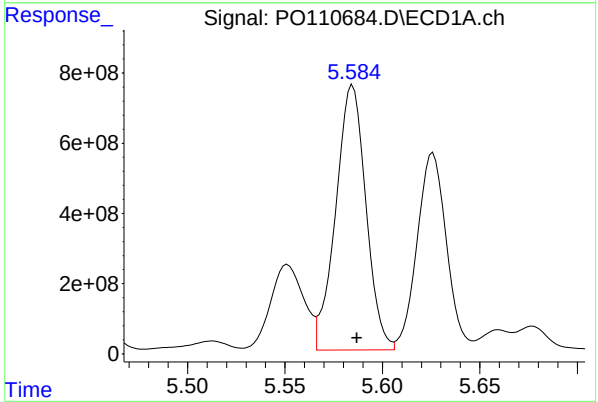
Manual Integrations APPROVED

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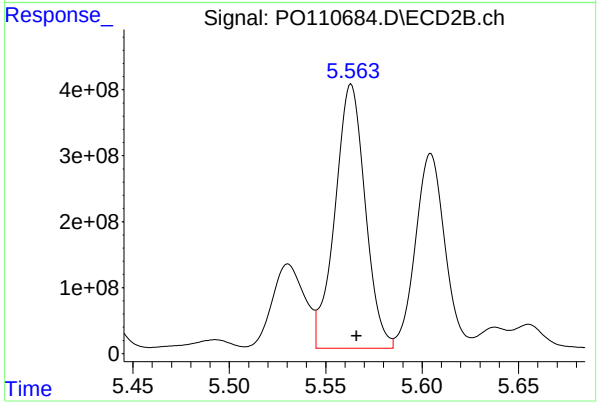
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 3138829171
Conc: 15901.19 ng/ml



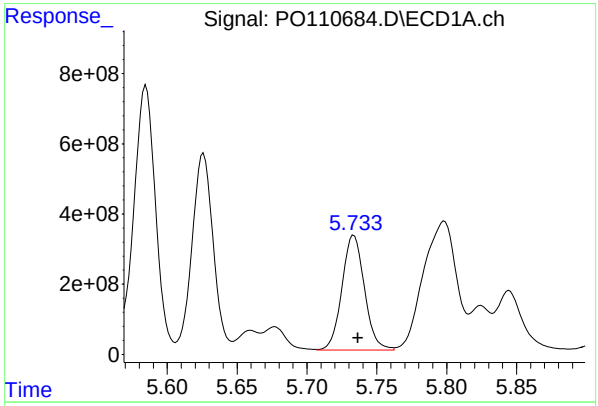
#26 AR-1254-1

R.T.: 5.585 min
Delta R.T.: -0.002 min
Response: 8139700343
Conc: 14587.56 ng/ml



#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 4378526728
Conc: 14522.52 ng/ml



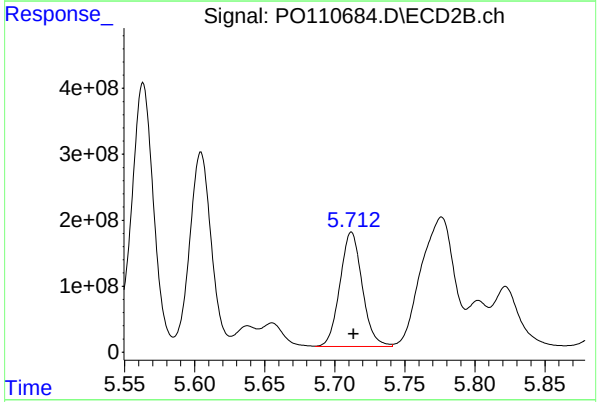
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.003 mi
Response: 3670261606
Conc: 7556.60 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01

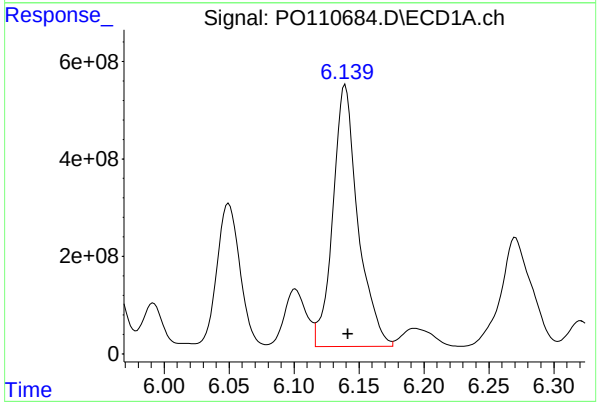
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



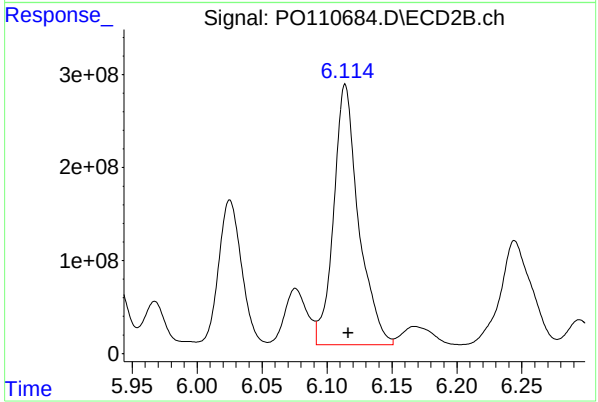
#27 AR-1254-2

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 1921156178
Conc: 7258.26 ng/ml



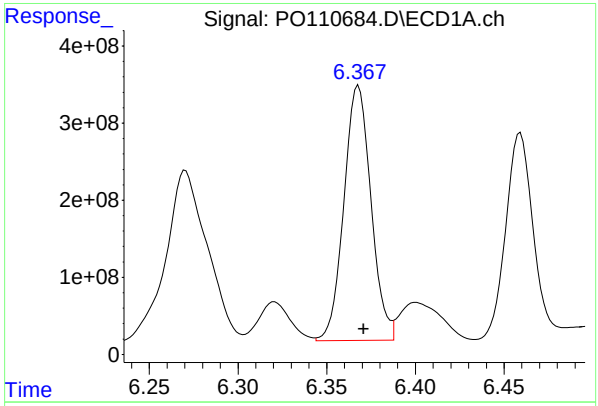
#28 AR-1254-3

R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 7216142165
Conc: 9213.41 ng/ml



#28 AR-1254-3

R.T.: 6.114 min
Delta R.T.: -0.002 min
Response: 3744217523
Conc: 9281.28 ng/ml



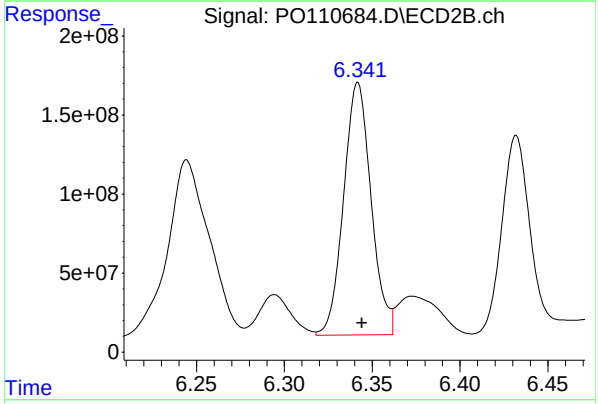
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 3521551855
Conc: 7222.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01

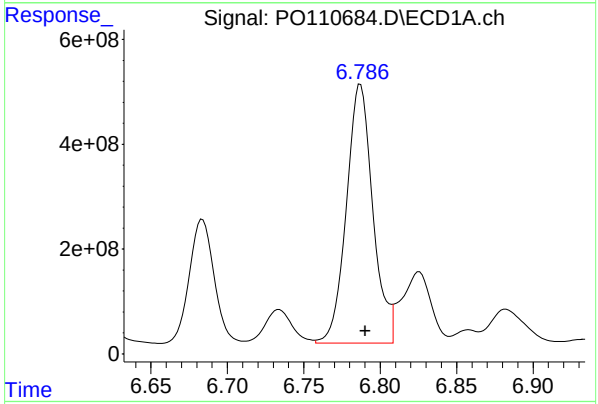
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



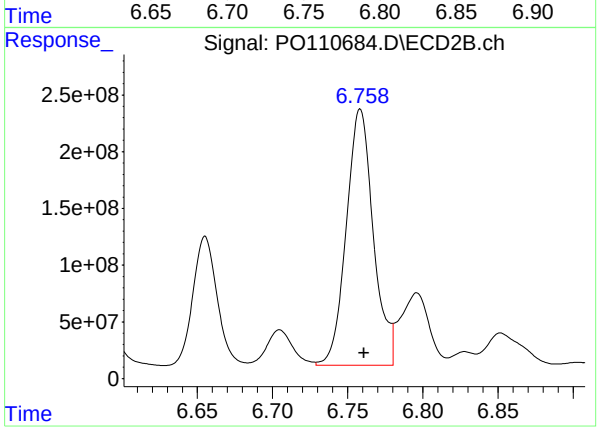
#29 AR-1254-4

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 1738042887
Conc: 7566.15 ng/ml



#30 AR-1254-5

R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 5983522381
Conc: 8536.91 ng/ml



#30 AR-1254-5

R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 2826944957
Conc: 8507.42 ng/ml

Raw Data: **PO110710.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS012-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-15DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	81.3 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110710.D	25	04/24/25 08:32	04/25/25 02:20	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	121	UD	121	522	ug/kg
11104-28-2	Aroclor-1221	124	UD	124	522	ug/kg
11141-16-5	Aroclor-1232	114	UD	114	522	ug/kg
53469-21-9	Aroclor-1242	123	UD	123	522	ug/kg
12672-29-6	Aroclor-1248	7000	D	182	522	ug/kg
11097-69-1	Aroclor-1254	3900	D	98.6	522	ug/kg
37324-23-5	Aroclor-1262	154	UD	154	522	ug/kg
11100-14-4	Aroclor-1268	111	UD	111	522	ug/kg
11096-82-5	Aroclor-1260	99.2	UD	99.2	522	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.3		32 - 144	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	47.5	*	32 - 175	238%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110710.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110710.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 02:20
Operator : YP/AJ
Sample : Q1860-15DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	5296371	3066265	0.605	0.615
2)	SA Decachlor...	8.727	8.677	13827674	3666114	1.751	1.904
	Target Compounds						
21)	L5 AR-1248-1	4.777	4.762	167.8E6	84733533	788.625	735.969
22)	L5 AR-1248-2	5.015	4.998	195.7E6	102.2E6	661.314	627.247
23)	L5 AR-1248-3	5.229	5.040	248.5E6	110.6E6	671.617	628.857
24)	L5 AR-1248-4	5.584	5.211	341.7E6	130.4E6	656.989	640.140m
25)	L5 AR-1248-5	5.625	5.603	245.0E6	123.3E6	663.307	624.760
26)	L6 AR-1254-1	5.584	5.562	341.7E6	174.1E6	612.296	577.490
27)	L6 AR-1254-2	5.733	5.710	167.6E6	83922533	345.143	317.065
28)	L6 AR-1254-3	6.138	6.112	292.7E6	145.5E6	373.676	360.639
29)	L6 AR-1254-4	6.367	6.340	142.6E6	67372073	292.496	293.288
30)	L6 AR-1254-5	6.786	6.756	212.8E6	98138047	303.662	295.337

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110710.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 02:20
Operator : YP/AJ
Sample : Q1860-15DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

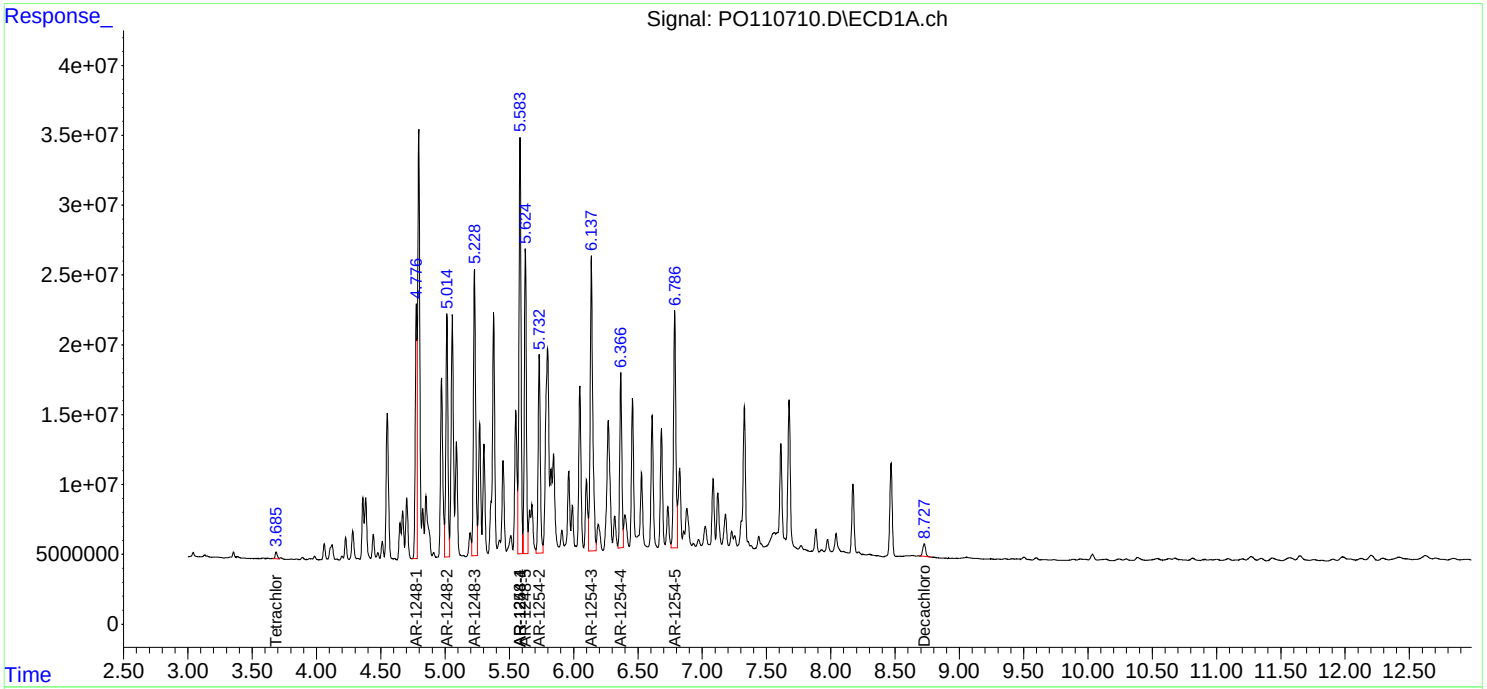
Instrument :
ECD_O
ClientSampleId :
P001-SS012-01DL

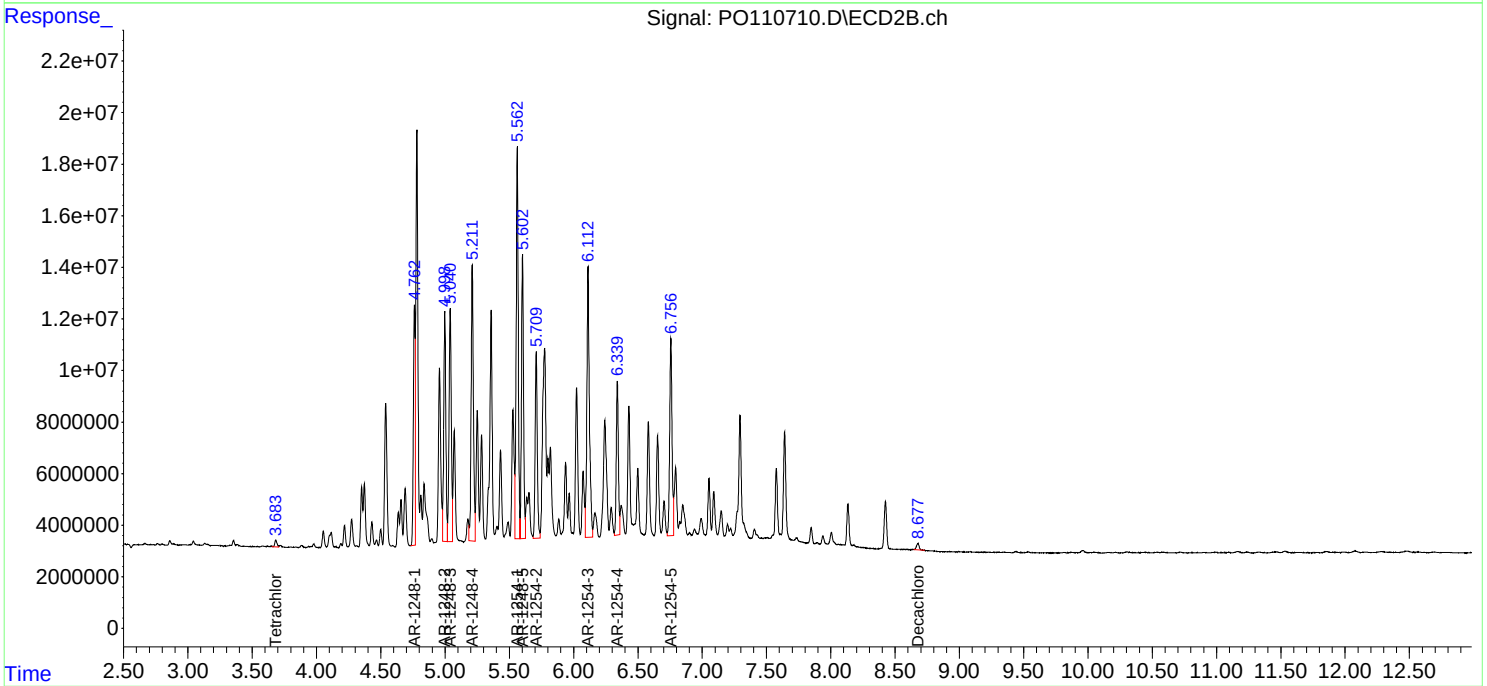
Manual Integrations APPROVED

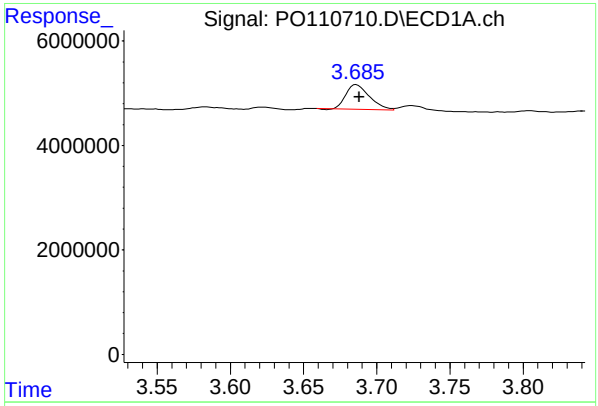
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







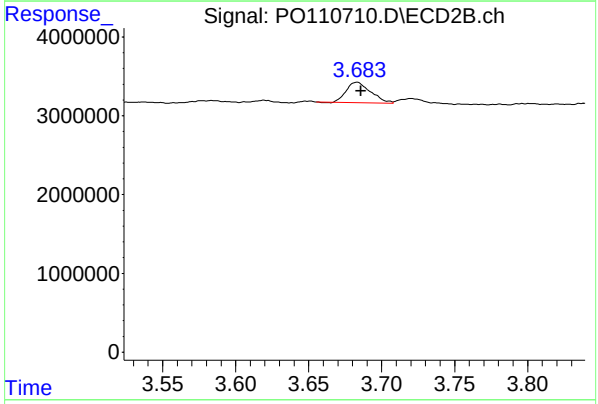
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 5296371
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01DL

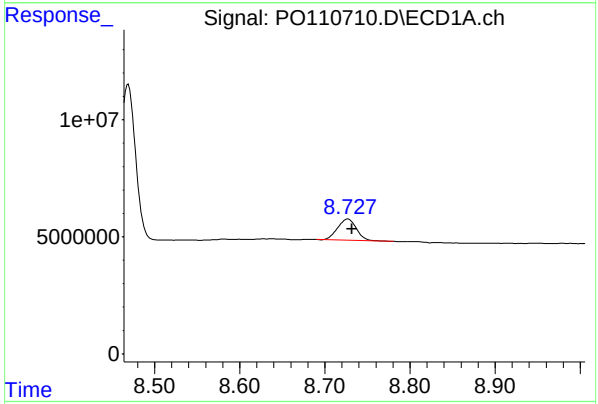
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



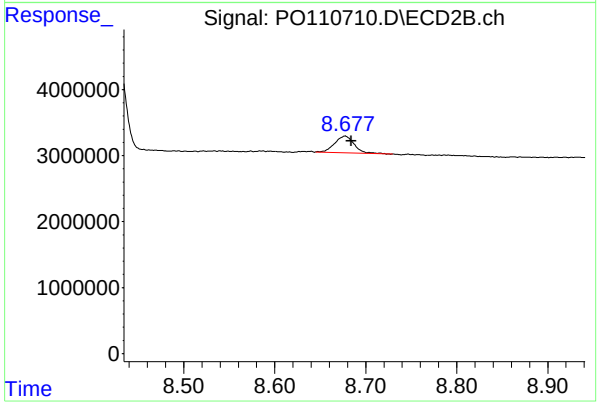
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 3066265
Conc: 0.61 ng/ml



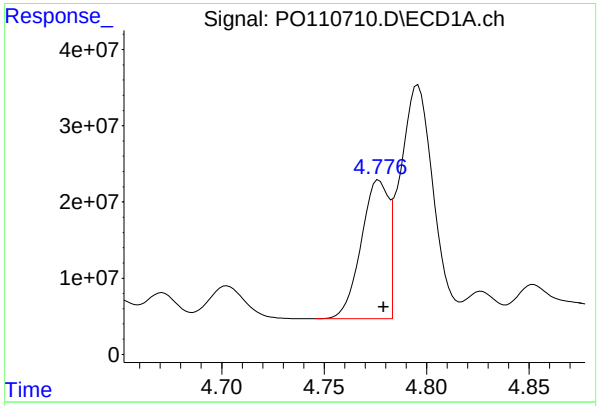
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 13827674
Conc: 1.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.007 min
Response: 3666114
Conc: 1.90 ng/ml



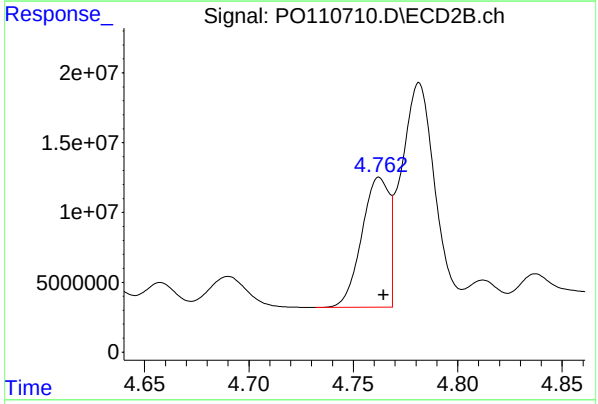
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 167847951
Conc: 788.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01DL

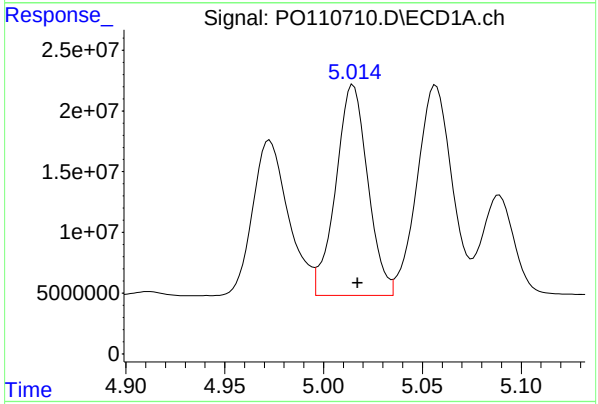
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



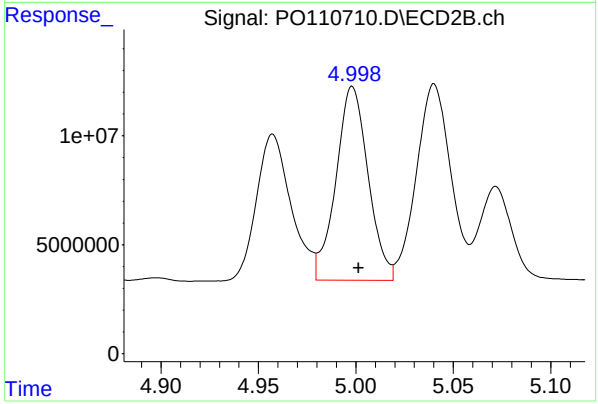
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 84733533
Conc: 735.97 ng/ml



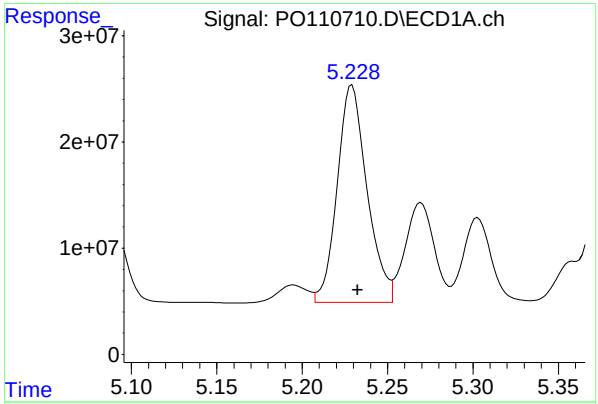
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 195699376
Conc: 661.31 ng/ml



#22 AR-1248-2

R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 102167577
Conc: 627.25 ng/ml



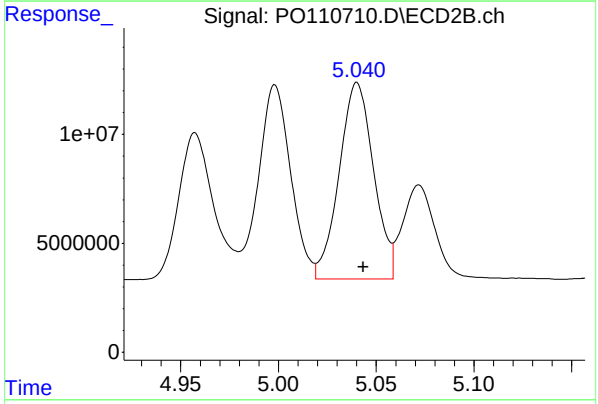
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 248472535
Conc: 671.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01DL

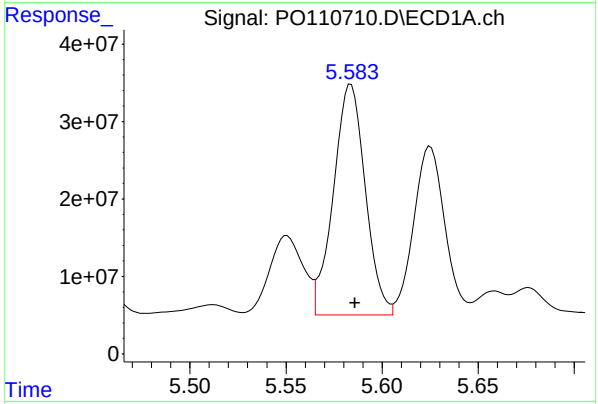
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



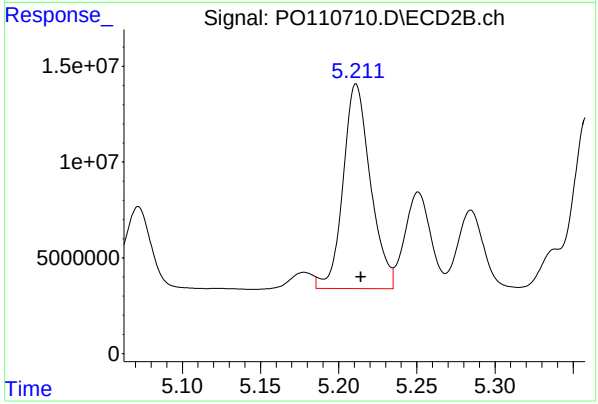
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 110588420
Conc: 628.86 ng/ml



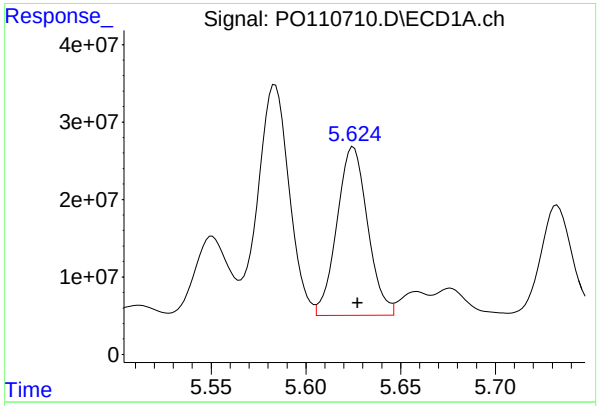
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 341654545
Conc: 656.99 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 130382957
Conc: 640.14 ng/ml m



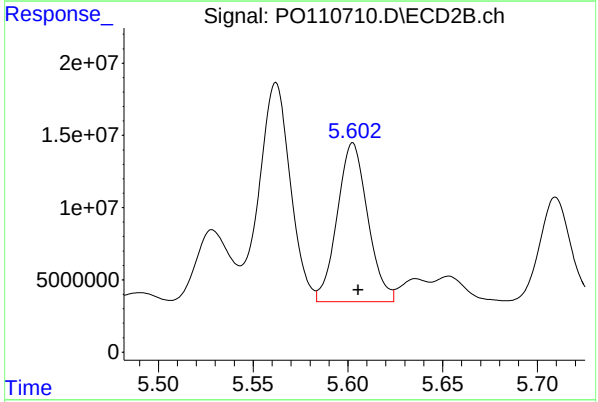
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 245042547
Conc: 663.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01DL

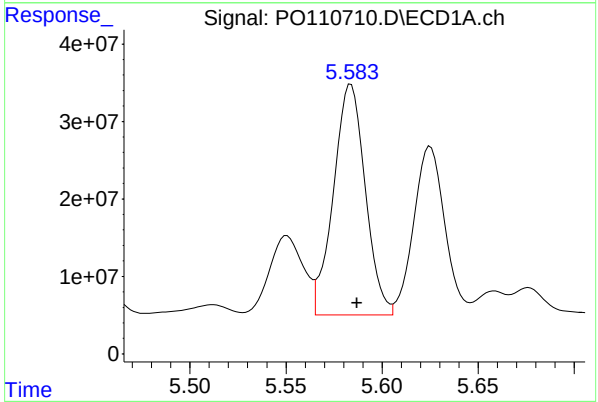
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



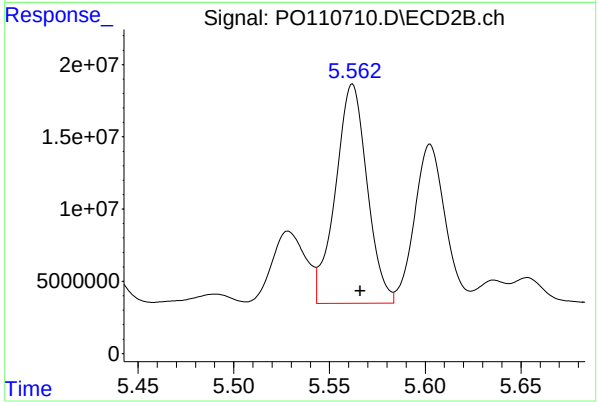
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 123324988
Conc: 624.76 ng/ml



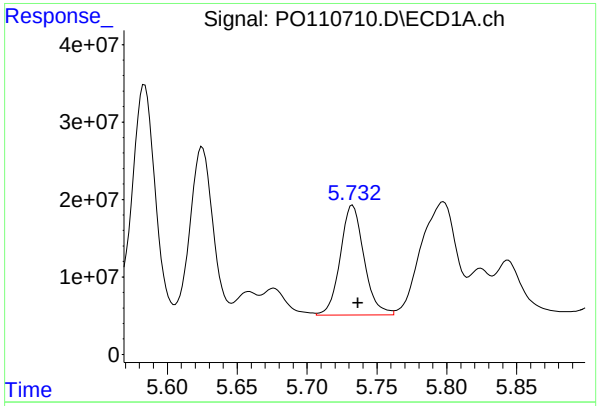
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 341654545
Conc: 612.30 ng/ml



#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 174112677
Conc: 577.49 ng/ml



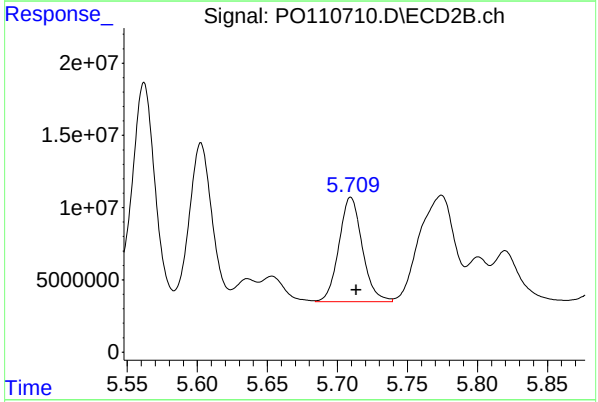
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 167636707
Conc: 345.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01DL

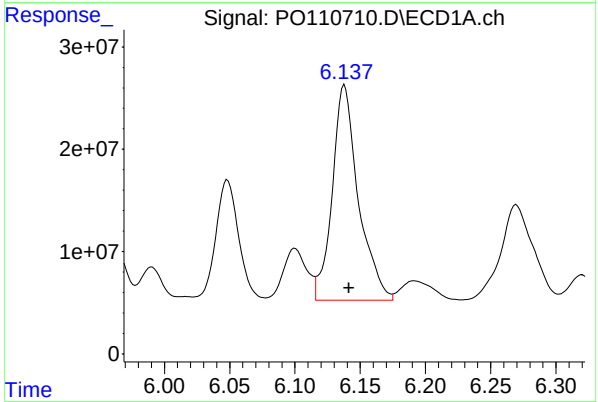
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



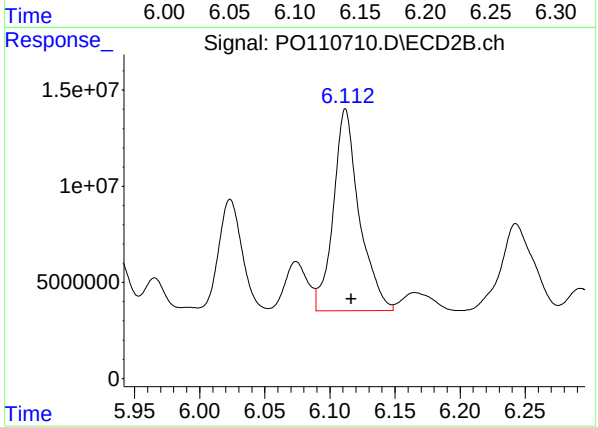
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 83922533
Conc: 317.07 ng/ml



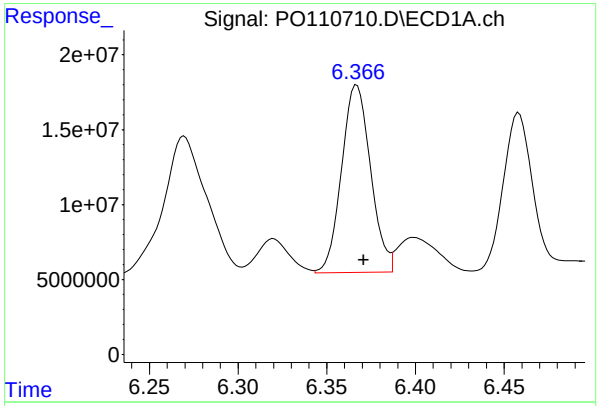
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 292670847
Conc: 373.68 ng/ml



#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 145487694
Conc: 360.64 ng/ml



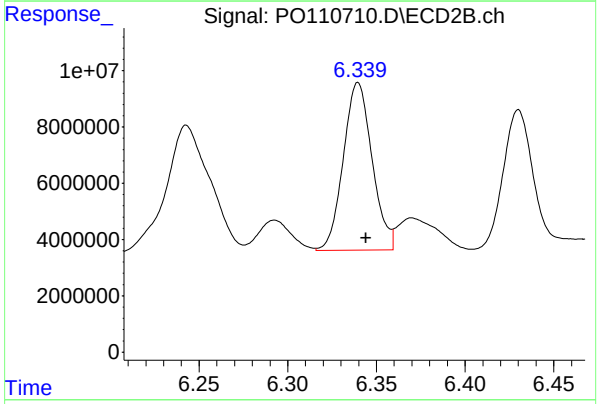
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 142622567
Conc: 292.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS012-01DL

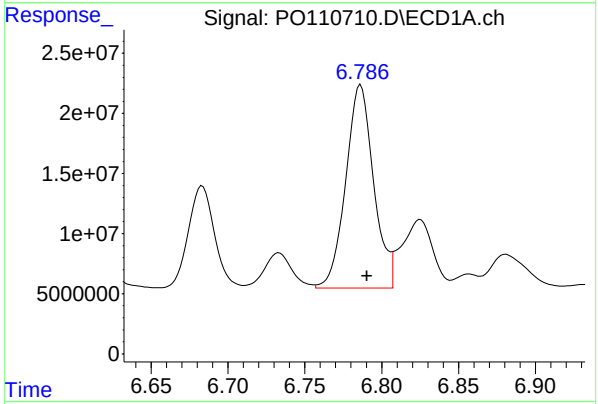
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



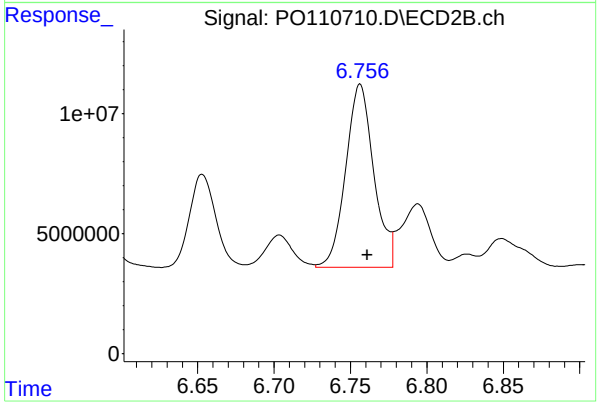
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.005 min
Response: 67372073
Conc: 293.29 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 212836497
Conc: 303.66 ng/ml



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 98138047
Conc: 295.34 ng/ml

Raw Data: **PO110685.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS013-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-16	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85.2 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110685.D	1	04/24/25 08:32	04/24/25 15:09	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.9	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.9	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	19.9	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	19.9	ug/kg
12672-29-6	Aroclor-1248	4300	E	6.90	19.9	ug/kg
11097-69-1	Aroclor-1254	3200	E	3.80	19.9	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	19.9	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.9	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	19.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.3		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	27.1		32 - 175	136%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110685.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110685.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:09
Operator : YP/AJ
Sample : Q1860-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	160.1E6	90248316	18.299	18.087
2)	SA Decachlor...	8.722	8.675	200.1E6	52261578	25.340	27.149
	Target Compounds						
21)	L5 AR-1248-1	4.777	4.763	2236.0E6	1191.6E6	10505.731	10349.462
22)	L5 AR-1248-2	5.015	4.999	2995.3E6	1648.8E6	10121.832	10122.545
23)	L5 AR-1248-3	5.229	5.041	3758.7E6	1661.2E6	10159.660	9446.605
24)	L5 AR-1248-4	5.584	5.212	6327.9E6	2078.7E6	12168.222	10206.017m
25)	L5 AR-1248-5	5.625	5.604	4271.6E6	2278.3E6	11562.916	11541.835
26)	L6 AR-1254-1	5.584	5.563	6327.9E6	3415.9E6	11340.455	11329.603
27)	L6 AR-1254-2	5.732	5.711	3283.7E6	1685.5E6	6760.698	6368.075
28)	L6 AR-1254-3	6.138	6.113	6268.9E6	3269.4E6	8004.035	8104.209
29)	L6 AR-1254-4	6.367	6.341	3224.4E6	1582.8E6	6612.656	6890.301
30)	L6 AR-1254-5	6.787	6.758	5295.1E6	2542.2E6	7554.700	7650.475

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PO110685.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110685.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:09
Operator : YP/AJ
Sample : Q1860-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

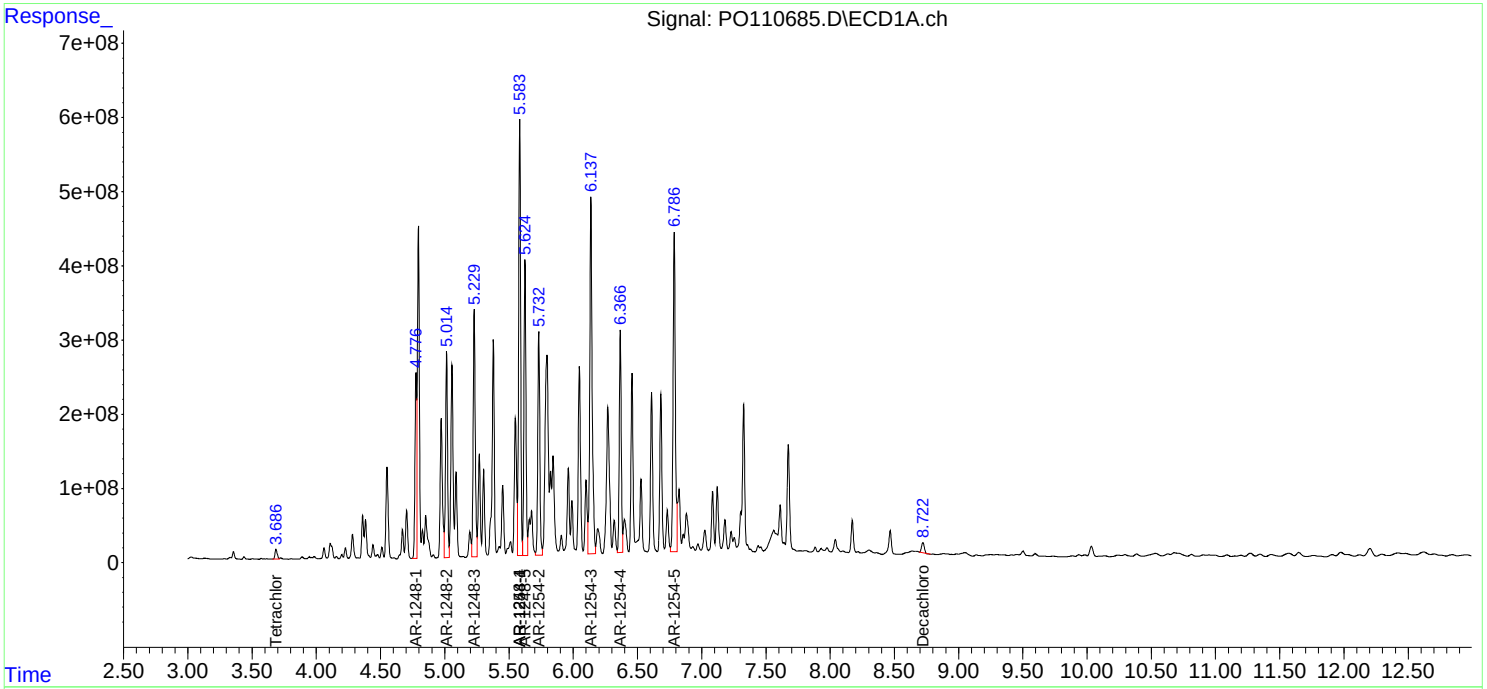
Instrument :
ECD_O
ClientSampleId :
P001-SS013-01

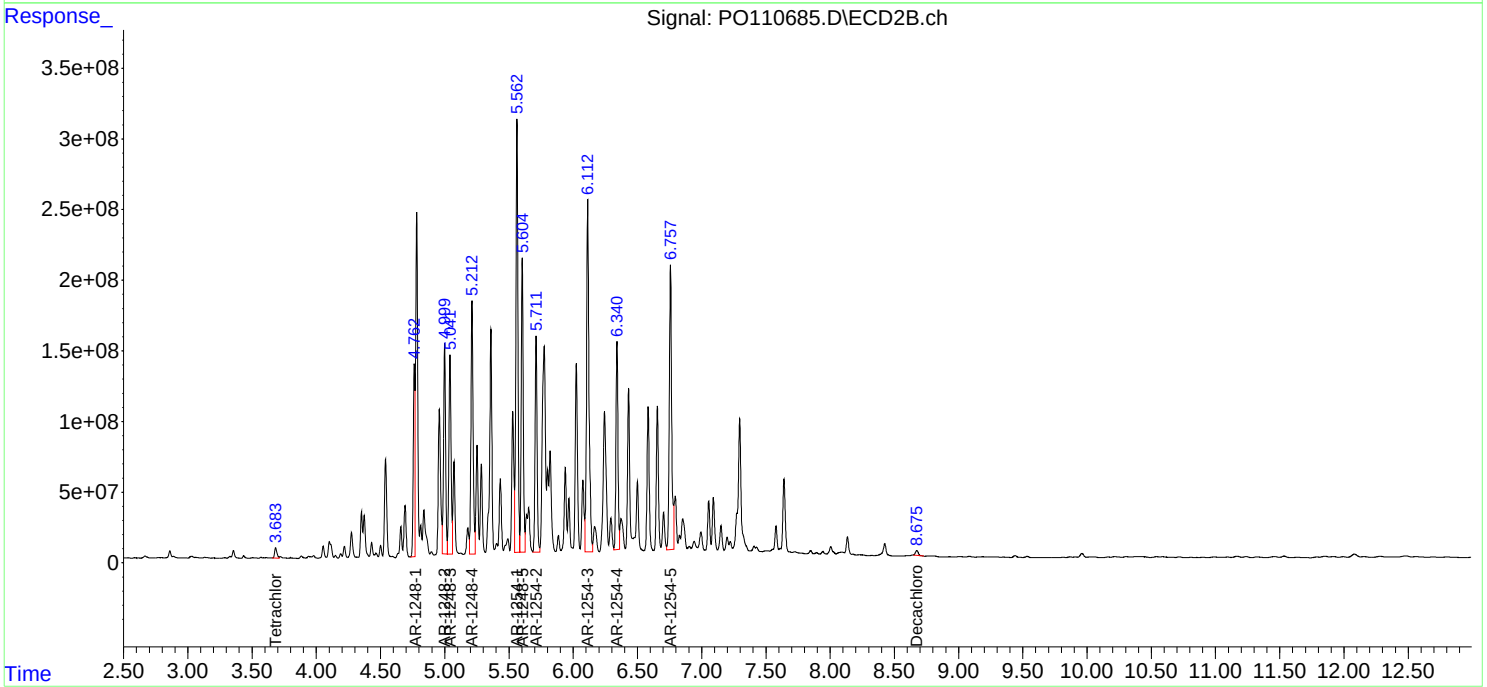
Manual Integrations APPROVED

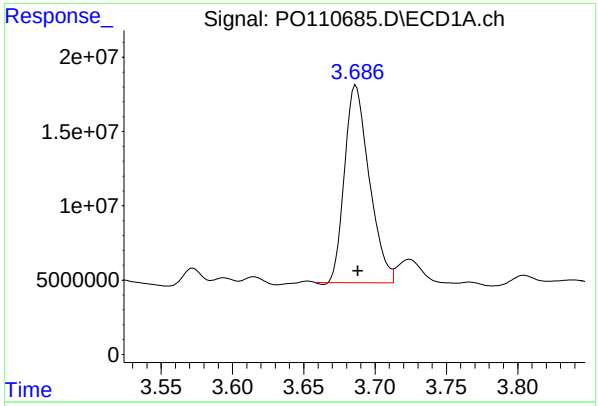
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







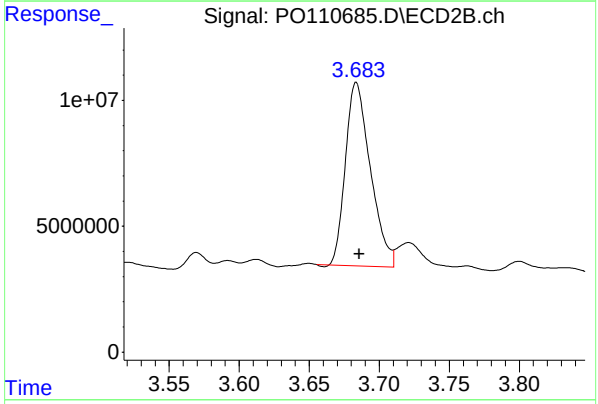
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 160099981
Conc: 18.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01

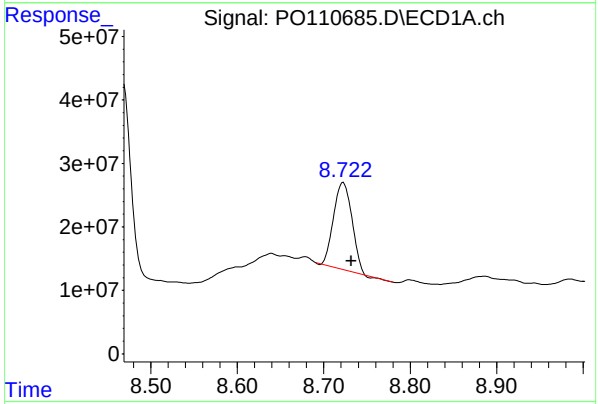
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



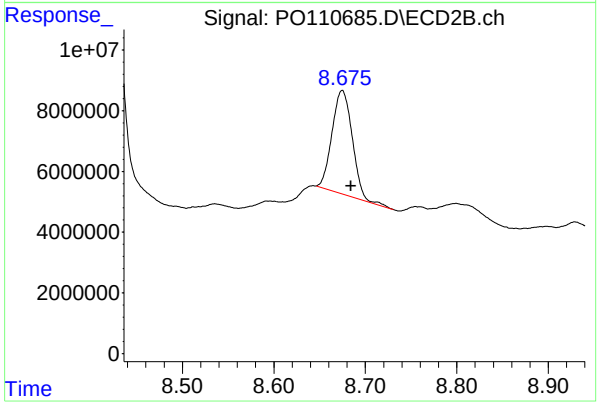
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 90248316
Conc: 18.09 ng/ml



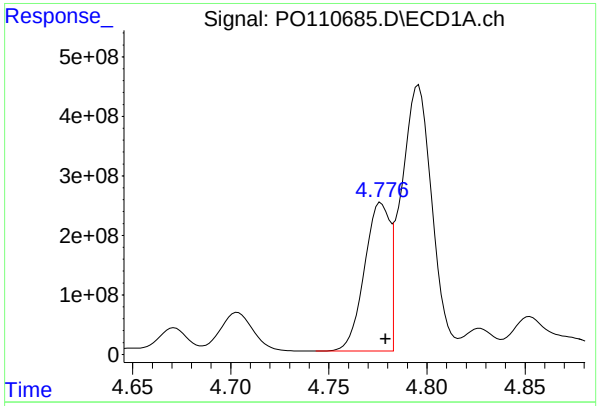
#2 Decachlorobiphenyl

R.T.: 8.722 min
Delta R.T.: -0.009 min
Response: 200058370
Conc: 25.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.010 min
Response: 52261578
Conc: 27.15 ng/ml



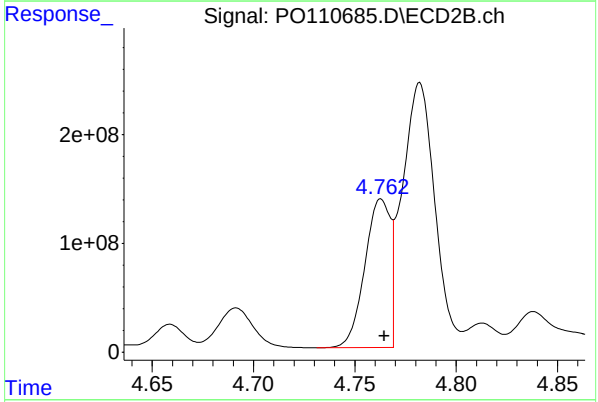
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 2236000853
Conc: 10505.73 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01

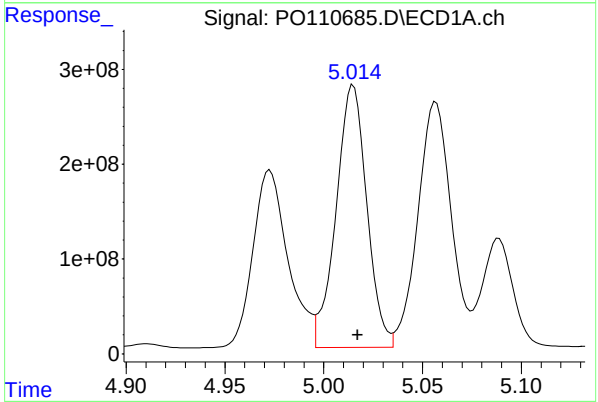
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



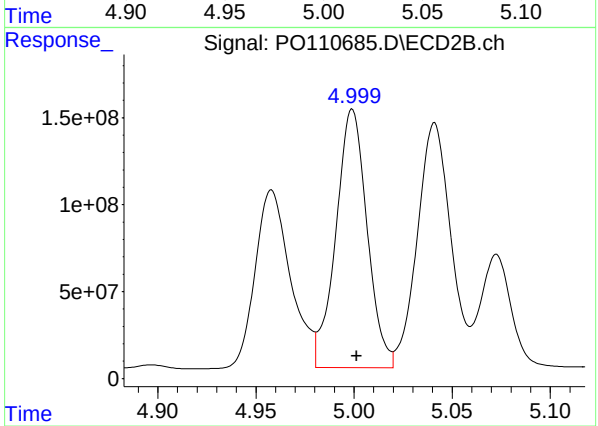
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 1191553930
Conc: 10349.46 ng/ml



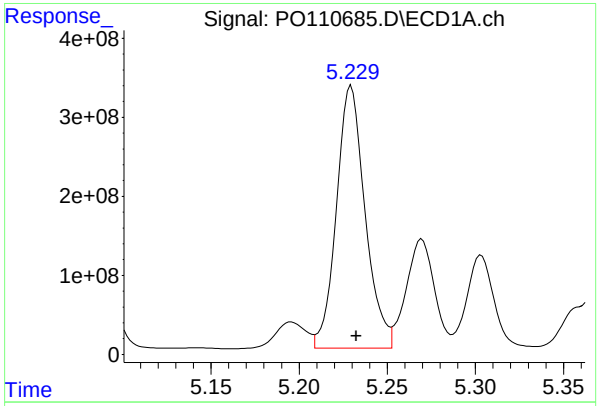
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 2995303367
Conc: 10121.83 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 1648786486
Conc: 10122.55 ng/ml



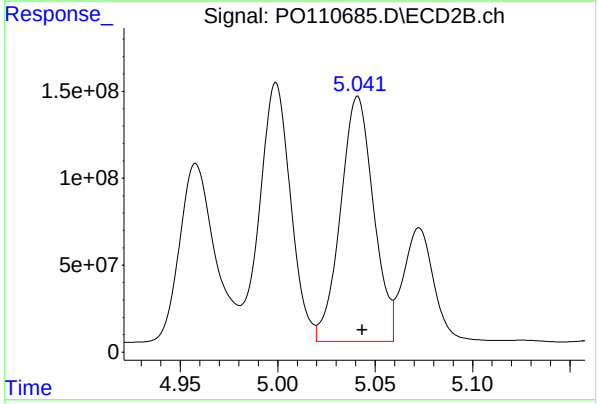
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.003 mi
Response: 3758682155
Conc: 10159.66 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01

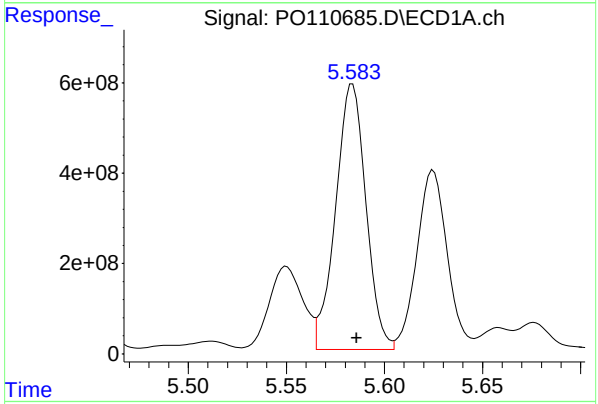
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



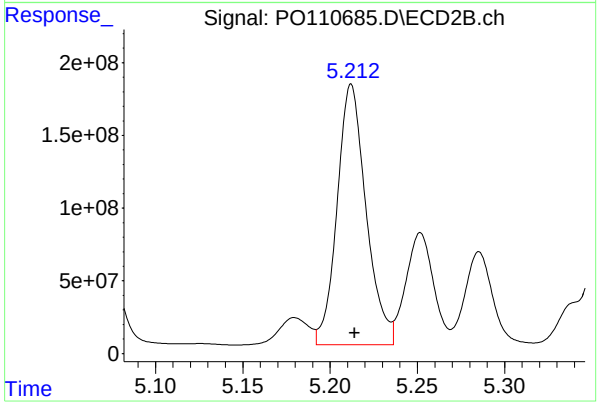
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 1661243079
Conc: 9446.60 ng/ml



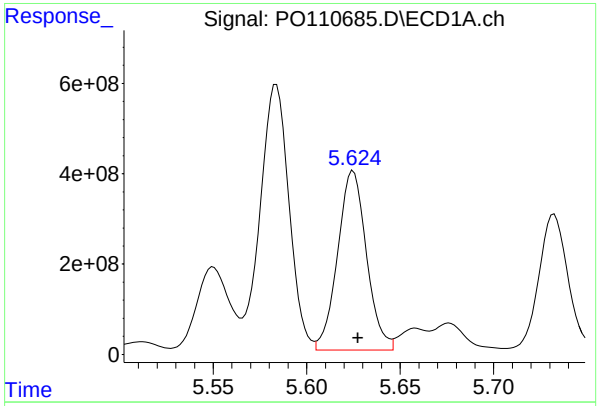
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 6327850417
Conc: 12168.22 ng/ml



#24 AR-1248-4

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 2078748497
Conc: 10206.02 ng/ml m



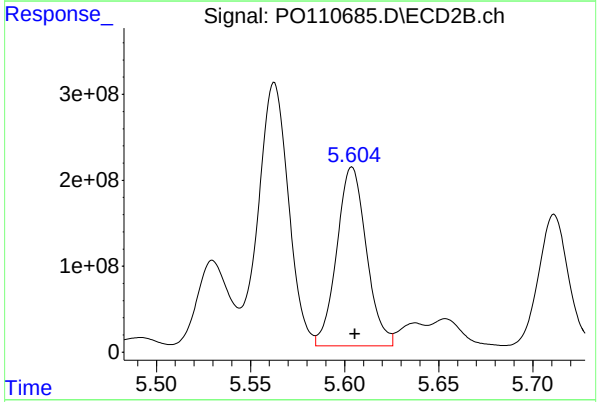
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.003 mi
Response: 4271639288
Conc: 11562.92 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01

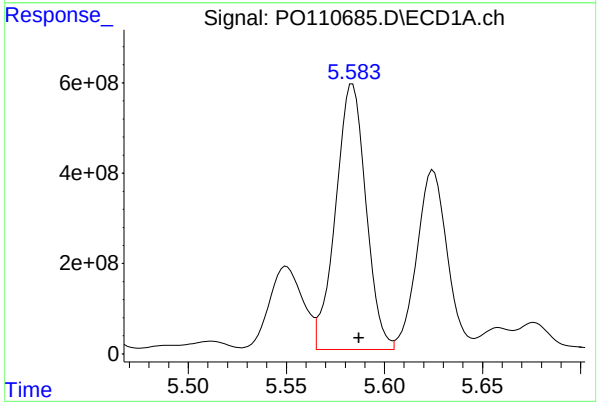
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



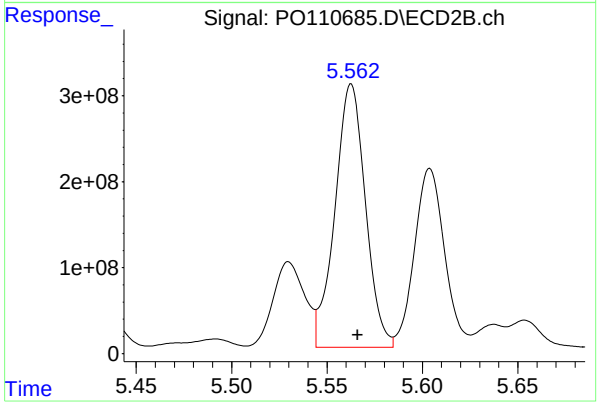
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 2278309890
Conc: 11541.84 ng/ml



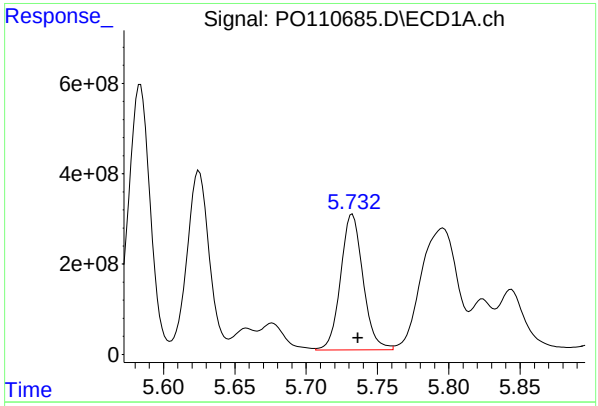
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 6327850417
Conc: 11340.46 ng/ml



#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 3415865218
Conc: 11329.60 ng/ml



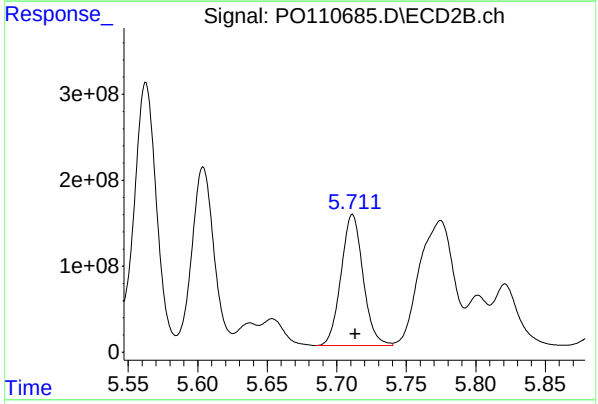
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 3283688308
Conc: 6760.70 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01

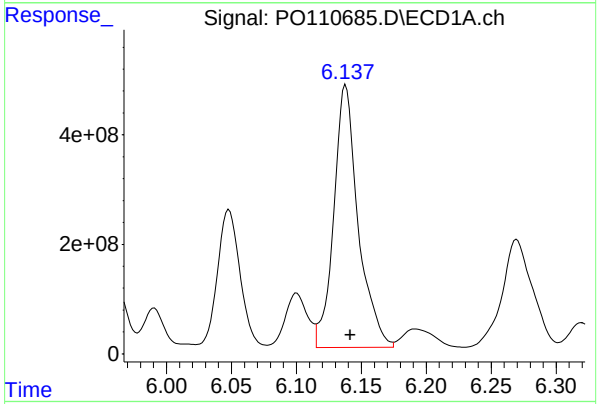
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



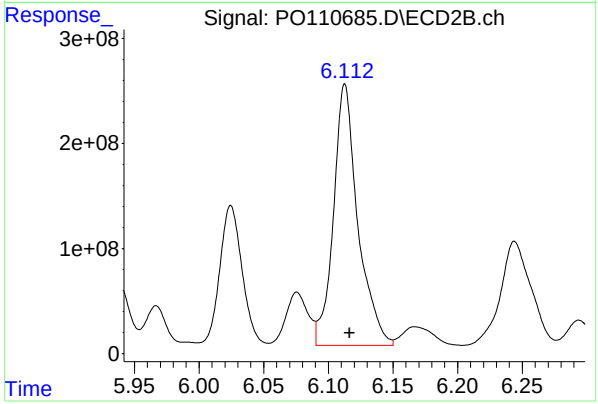
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 1685536067
Conc: 6368.08 ng/ml



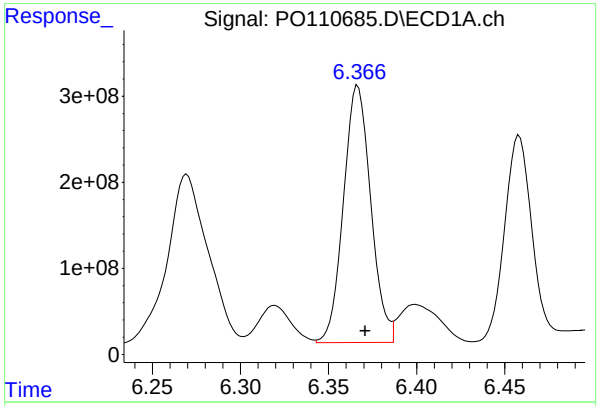
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 6268933838
Conc: 8004.03 ng/ml



#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 3269368125
Conc: 8104.21 ng/ml



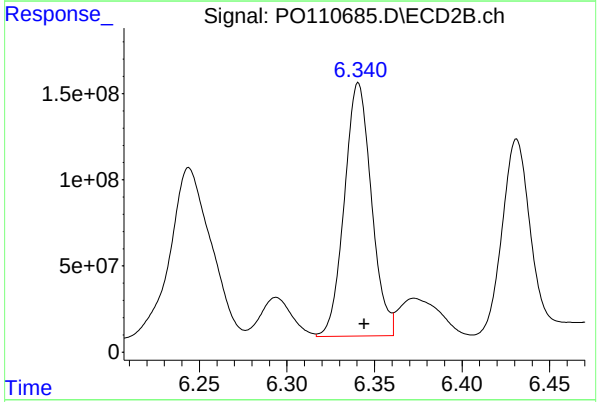
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 3224365862
Conc: 6612.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01

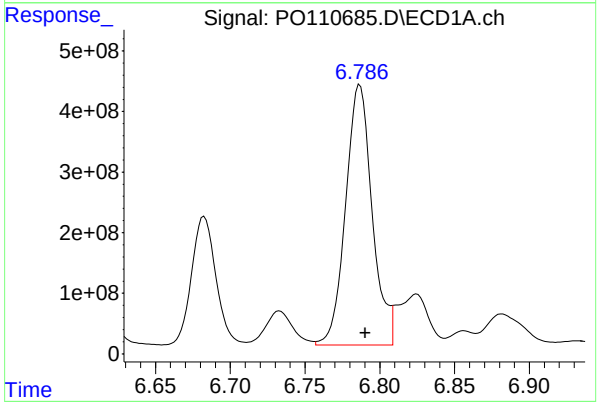
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



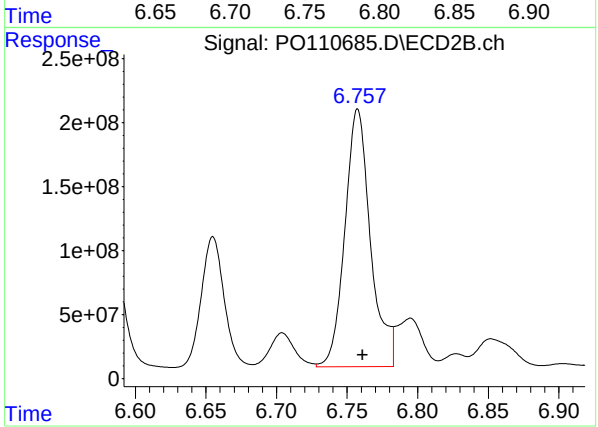
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 1582791027
Conc: 6890.30 ng/ml



#30 AR-1254-5

R.T.: 6.787 min
Delta R.T.: -0.004 min
Response: 5295088355
Conc: 7554.70 ng/ml



#30 AR-1254-5

R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 2542189721
Conc: 7650.48 ng/ml

Raw Data: **PO110712.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS013-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-16DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85.2 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110712.D	25	04/24/25 08:32	04/25/25 02:57	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	116	UD	116	498	ug/kg
11104-28-2	Aroclor-1221	118	UD	118	498	ug/kg
11141-16-5	Aroclor-1232	109	UD	109	498	ug/kg
53469-21-9	Aroclor-1242	117	UD	117	498	ug/kg
12672-29-6	Aroclor-1248	5100	D	173	498	ug/kg
11097-69-1	Aroclor-1254	3500	D	94.0	498	ug/kg
37324-23-5	Aroclor-1262	147	UD	147	498	ug/kg
11100-14-4	Aroclor-1268	105	UD	105	498	ug/kg
11096-82-5	Aroclor-1260	94.6	UD	94.6	498	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	38.8	*	32 - 175	194%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 02:57
Operator : YP/AJ
Sample : Q1860-16DL 25X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 03:52:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	7229107	4101253	0.826	0.822
2)	SA Decachlor...	8.725	8.676	11039088	2976651	1.398	1.546
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.762	106.4E6	54521813	499.824	473.559
22)	L5 AR-1248-2	5.014	4.999	151.9E6	78325741	513.195	480.872
23)	L5 AR-1248-3	5.229	5.040	183.1E6	79971602	494.955	454.756
24)	L5 AR-1248-4	5.583	5.211	291.0E6	96690145	559.542	474.719m
25)	L5 AR-1248-5	5.625	5.603	196.1E6	98457474	530.946	498.782
26)	L6 AR-1254-1	5.583	5.562	291.0E6	147.9E6	521.478	490.579
27)	L6 AR-1254-2	5.733	5.710	159.5E6	80410815	328.336	303.798
28)	L6 AR-1254-3	6.137	6.112	281.6E6	139.3E6	359.506	345.237
29)	L6 AR-1254-4	6.367	6.340	143.5E6	67697933	294.311	294.707
30)	L6 AR-1254-5	6.786	6.756	209.5E6	97354412	298.964	292.979

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 02:57
Operator : YP/AJ
Sample : Q1860-16DL 25X
Misc :
ALS Vial : 31 Sample Multiplier: 1

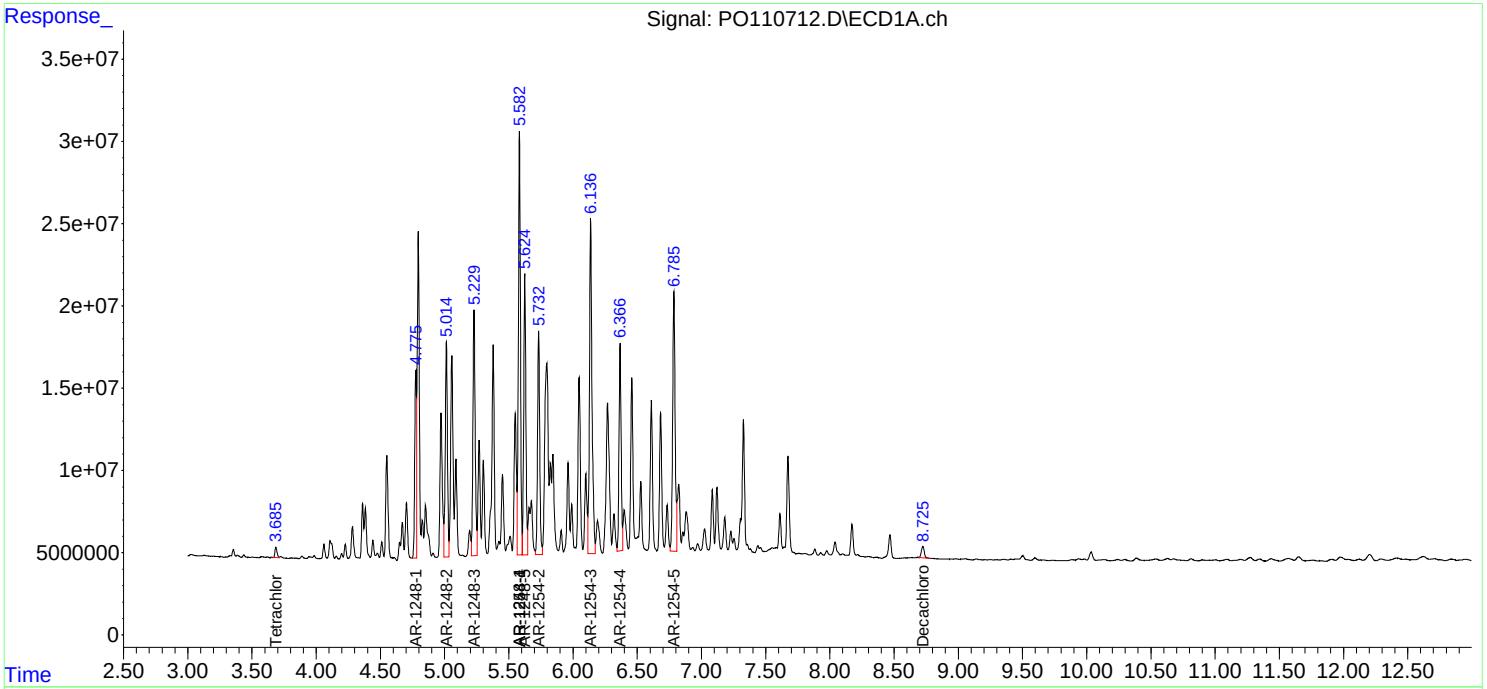
Instrument :
ECD_O
ClientSampleId :
P001-SS013-01DL

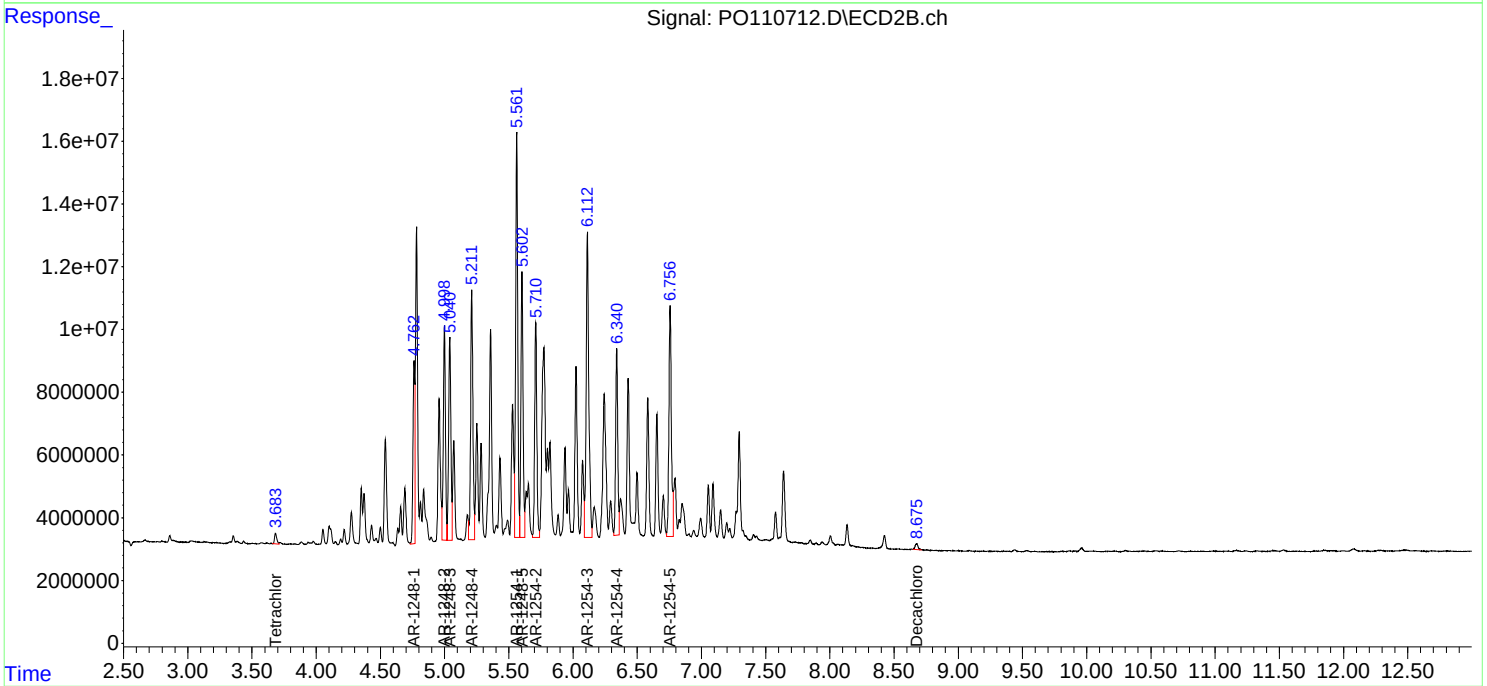
Manual Integrations APPROVED

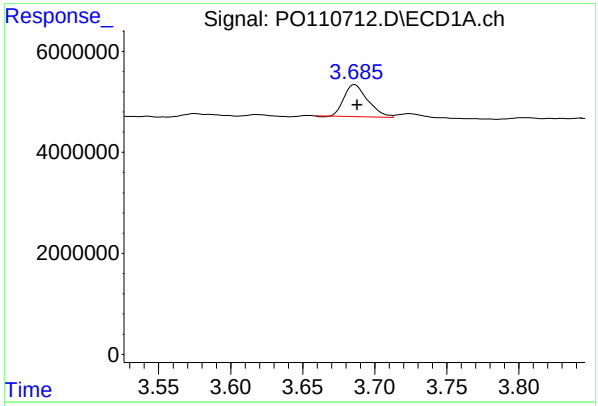
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 03:52:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







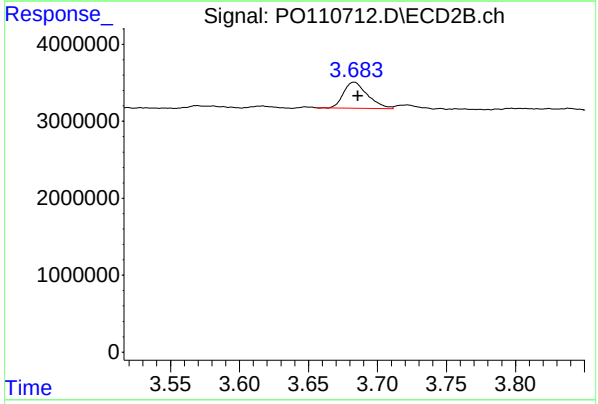
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 7229107
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01DL

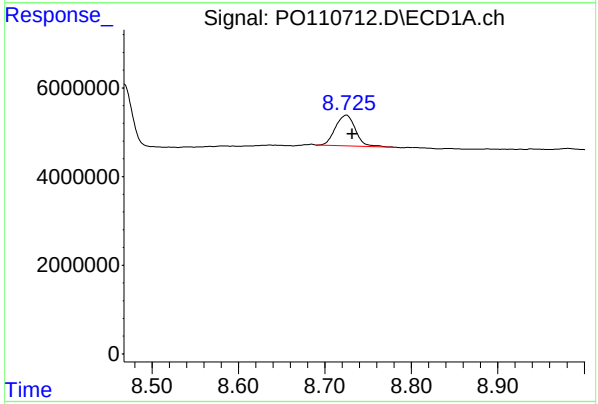
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



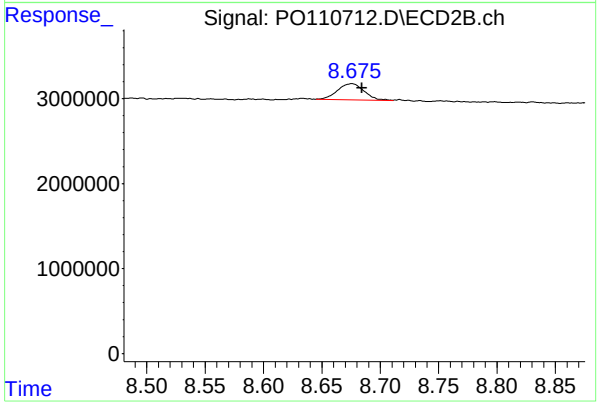
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 4101253
Conc: 0.82 ng/ml



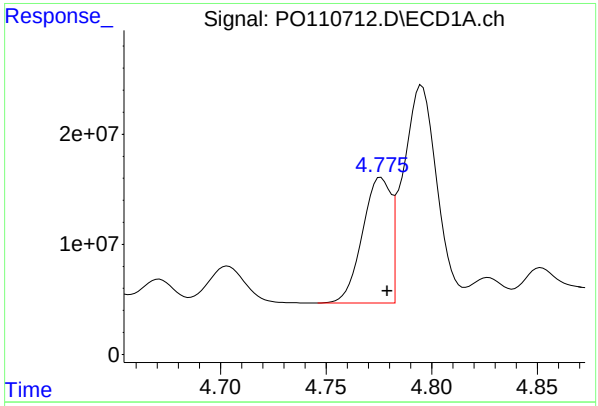
#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.007 min
Response: 11039088
Conc: 1.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.008 min
Response: 2976651
Conc: 1.55 ng/ml



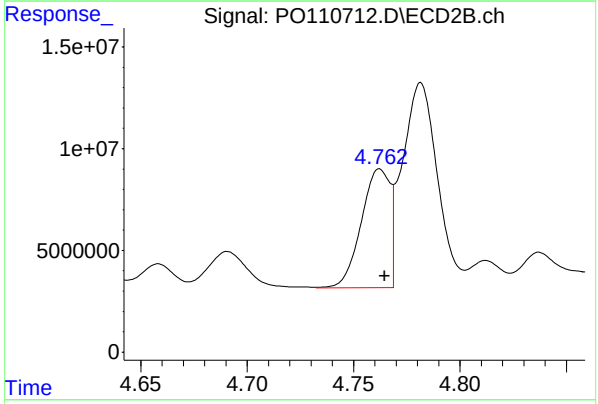
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 106380793
Conc: 499.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01DL

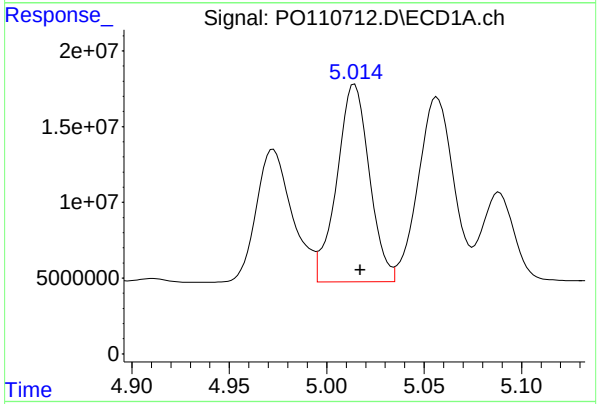
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



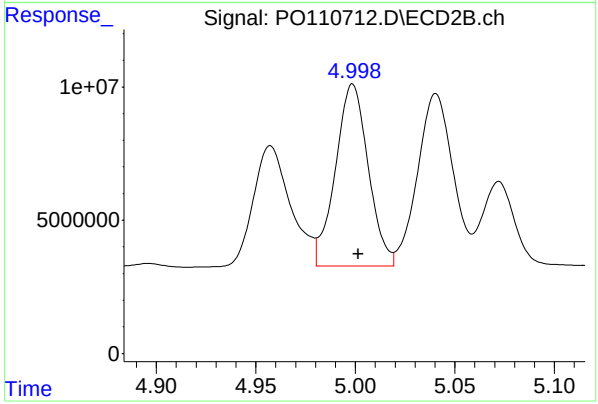
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 54521813
Conc: 473.56 ng/ml



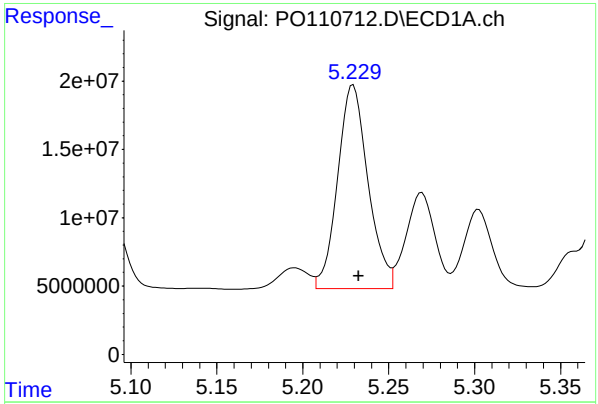
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 151867173
Conc: 513.19 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 78325741
Conc: 480.87 ng/ml



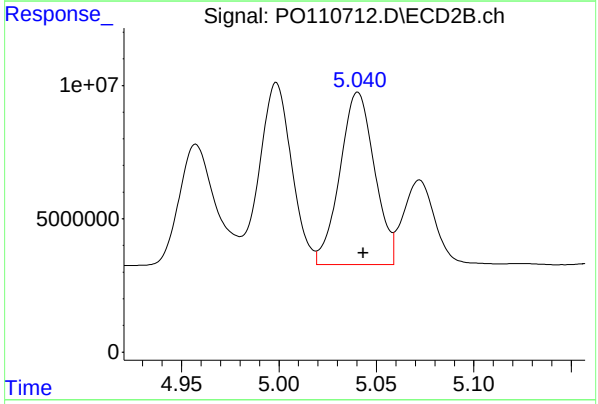
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.003 mi
Response: 183114174
Conc: 494.95 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01DL

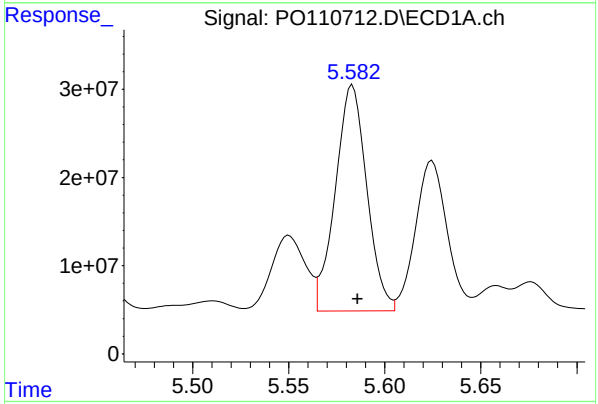
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



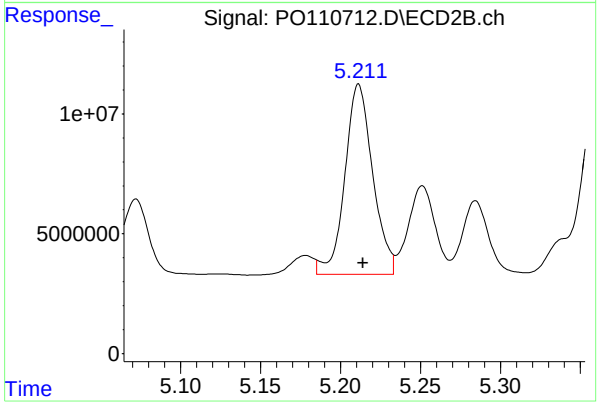
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 79971602
Conc: 454.76 ng/ml



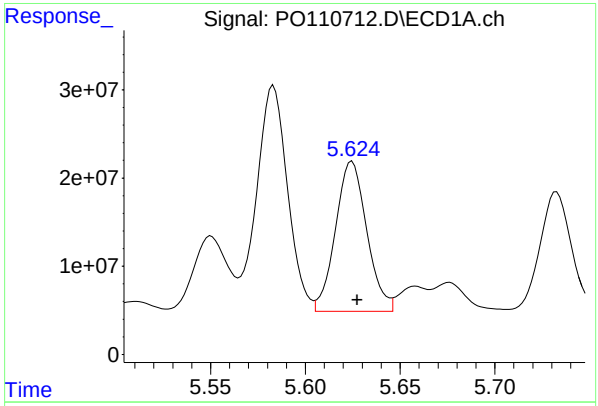
#24 AR-1248-4

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 290979203
Conc: 559.54 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 96690145
Conc: 474.72 ng/ml m



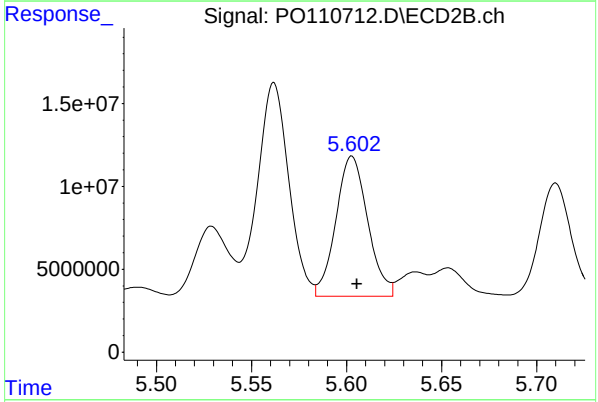
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 196145078
Conc: 530.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01DL

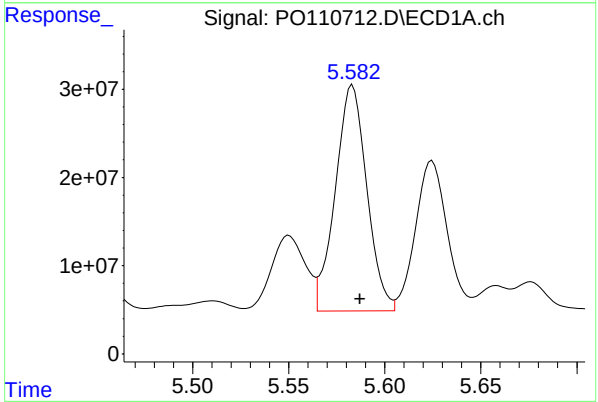
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



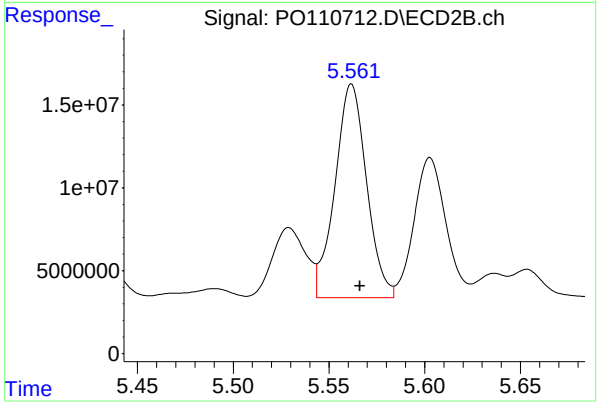
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 98457474
Conc: 498.78 ng/ml



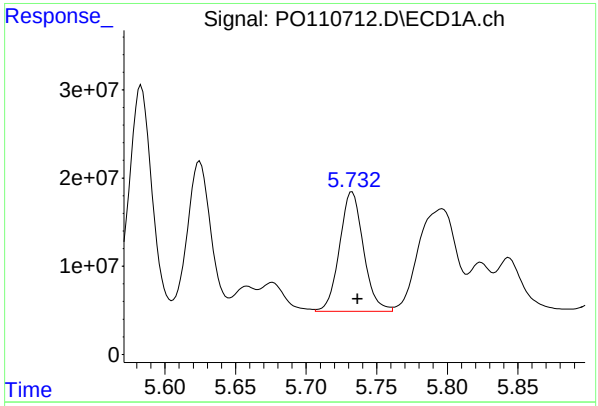
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 290979203
Conc: 521.48 ng/ml



#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 147909129
Conc: 490.58 ng/ml



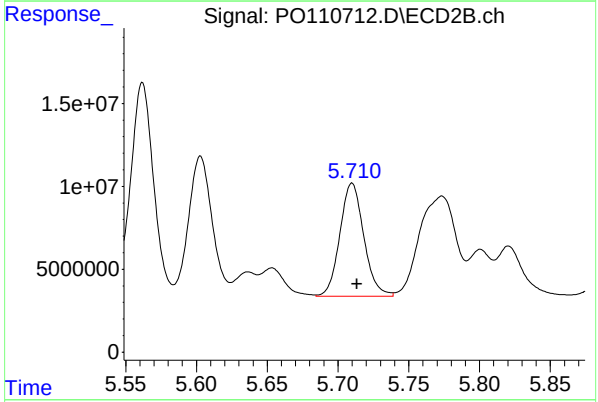
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 159473472
Conc: 328.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01DL

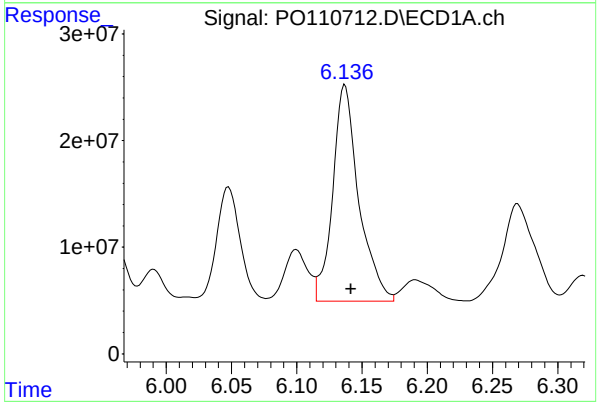
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



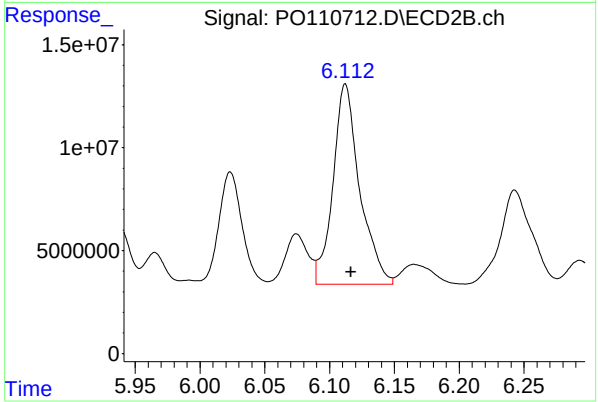
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 80410815
Conc: 303.80 ng/ml



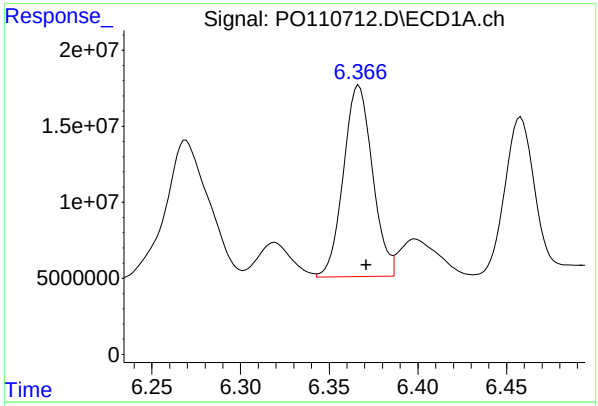
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 281572536
Conc: 359.51 ng/ml



#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 139274136
Conc: 345.24 ng/ml



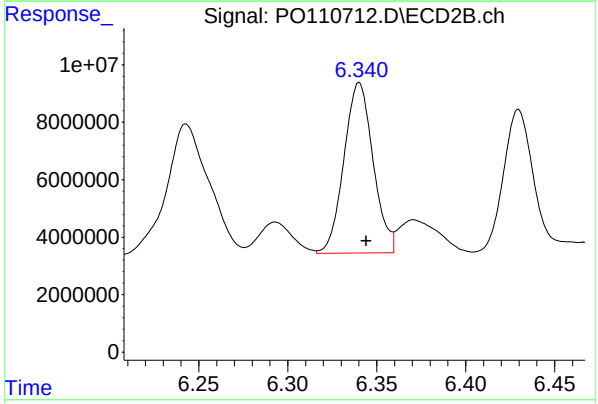
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 143507673
Conc: 294.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS013-01DL

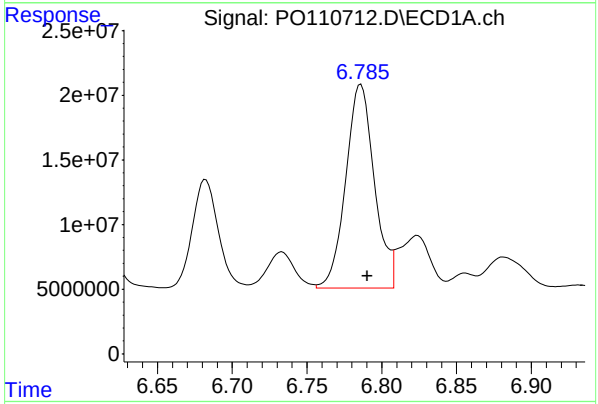
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



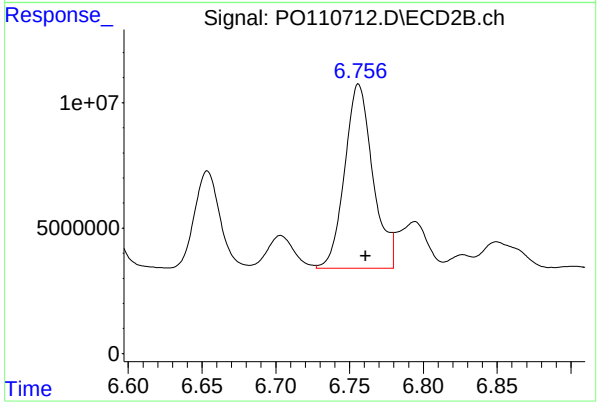
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 67697933
Conc: 294.71 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 209544101
Conc: 298.96 ng/ml



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 97354412
Conc: 292.98 ng/ml

Raw Data: **PO110686.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS014-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-17	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.8 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110686.D	1	04/24/25 08:32	04/24/25 15:27	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.3	ug/kg
11104-28-2	Aroclor-1221	5.00	U	5.00	21.3	ug/kg
11141-16-5	Aroclor-1232	4.70	U	4.70	21.3	ug/kg
53469-21-9	Aroclor-1242	5.00	U	5.00	21.3	ug/kg
12672-29-6	Aroclor-1248	398		7.40	21.3	ug/kg
11097-69-1	Aroclor-1254	412		4.00	21.3	ug/kg
37324-23-5	Aroclor-1262	6.30	U	6.30	21.3	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	21.3	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	21.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		32 - 175	84%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110686.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:27
Operator : YP/AJ
Sample : Q1860-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS014-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:27:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	160.8E6	83635169	18.375m	16.761m
2)	SA Decachlor...	8.727	8.679	118.4E6	32417878	14.994m	16.841m
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.763	175.6E6	89132855	824.930	774.180
22)	L5 AR-1248-2	5.015	4.999	247.0E6	137.7E6	834.512	845.416
23)	L5 AR-1248-3	5.229	5.041	288.9E6	138.7E6	780.978	788.610
24)	L5 AR-1248-4	5.584	5.212	616.8E6	138.6E6	1186.068	680.543 #
25)	L5 AR-1248-5	5.625	5.603	421.8E6	217.2E6	1141.901	1100.210
26)	L6 AR-1254-1	5.584	5.562	616.8E6	327.9E6	1105.383	1087.604
27)	L6 AR-1254-2	5.733	5.710	438.9E6	188.0E6	903.724	710.142
28)	L6 AR-1254-3	6.137	6.112	738.6E6	387.0E6	943.028	959.423
29)	L6 AR-1254-4	6.366	6.340	358.4E6	171.5E6	735.068	746.475
30)	L6 AR-1254-5	6.786	6.756	870.7E6	399.0E6	1242.276	1200.800

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:27
Operator : YP/AJ
Sample : Q1860-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

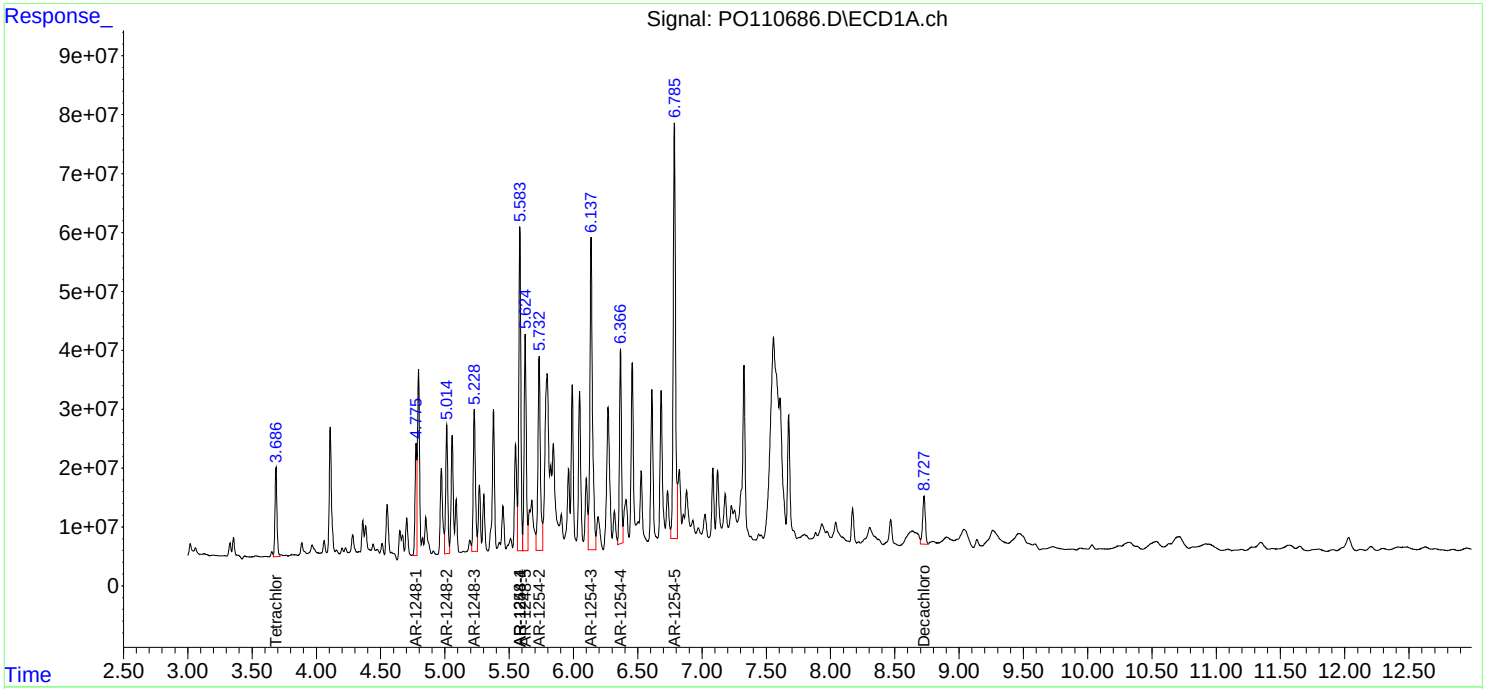
Instrument :
ECD_O
ClientSampleId :
P001-SS014-01

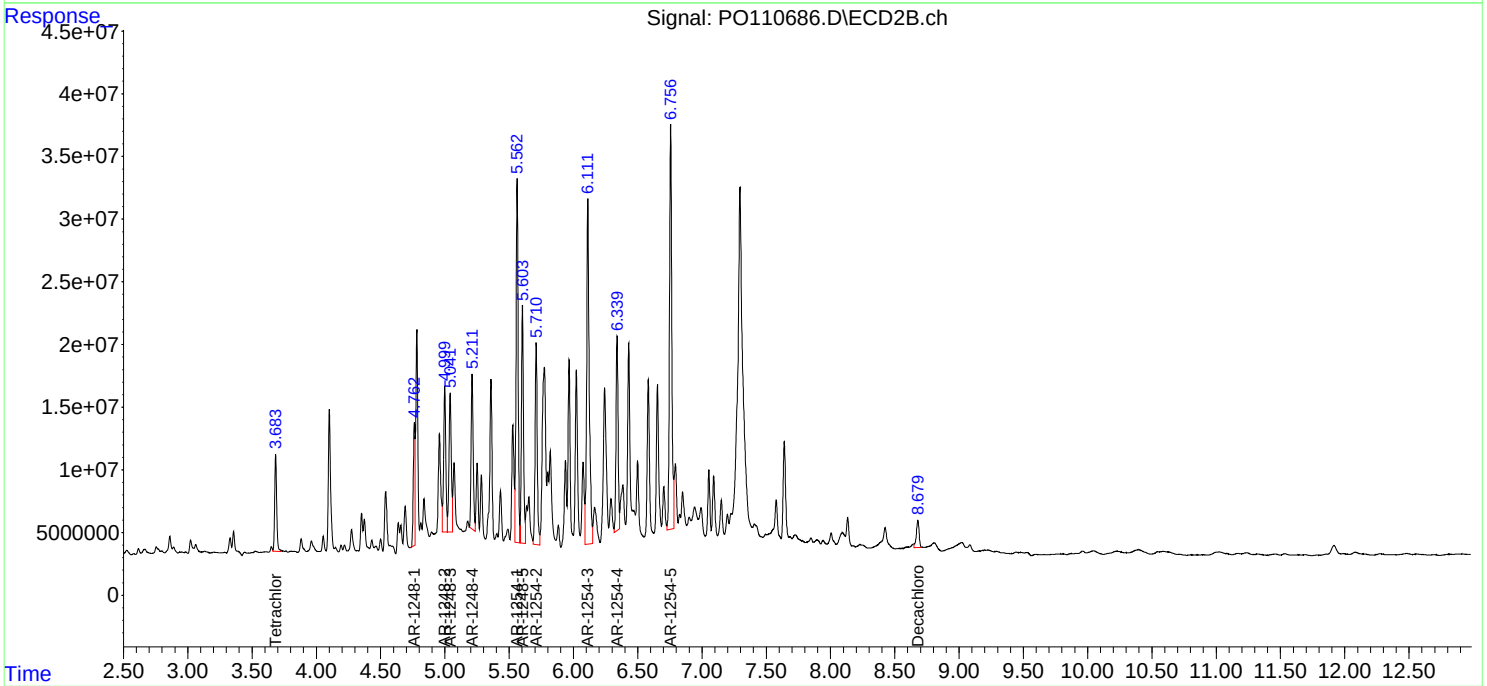
Manual Integrations APPROVED

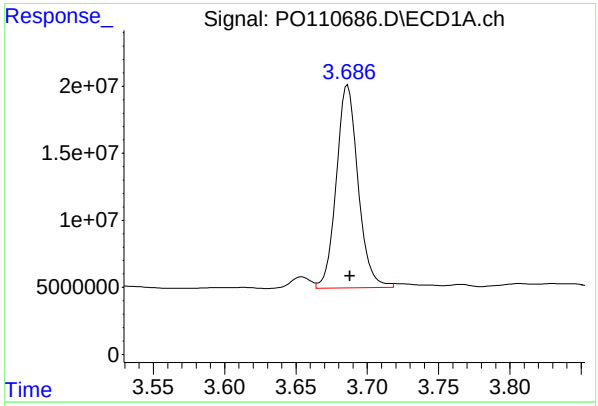
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:27:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







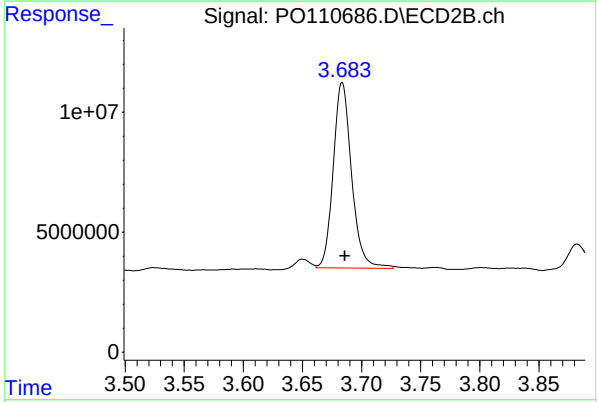
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 160766239
Conc: 18.38 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS014-01

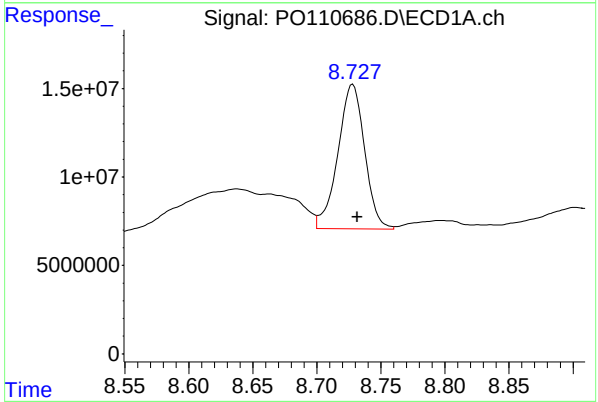
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



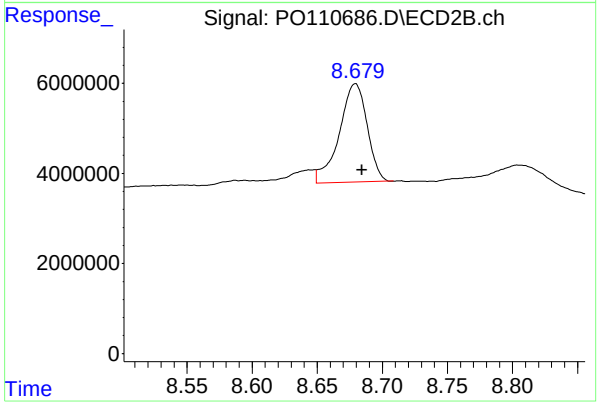
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 83635169
Conc: 16.76 ng/ml m



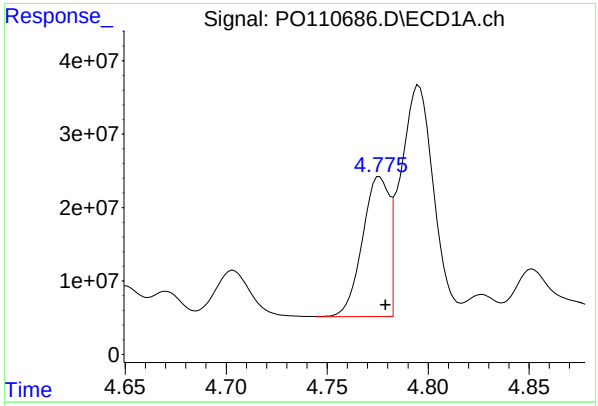
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 118376357
Conc: 14.99 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 32417878
Conc: 16.84 ng/ml m



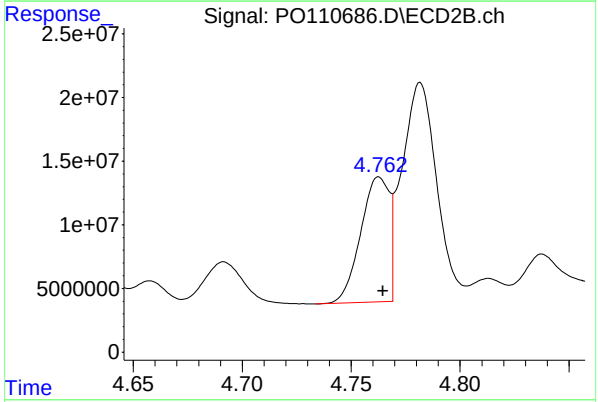
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 175574981
Conc: 824.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS014-01

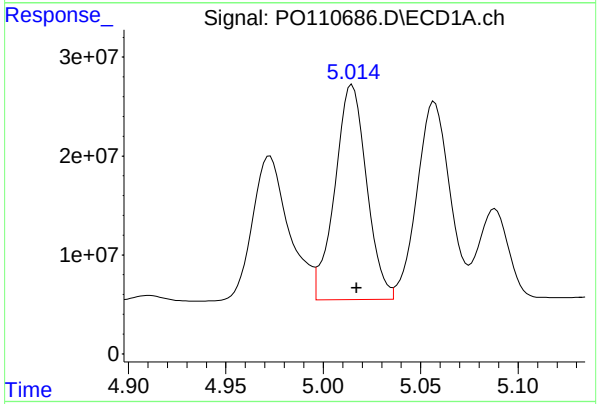
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



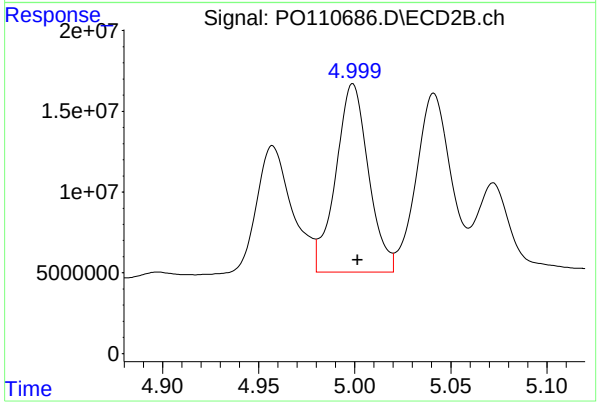
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 89132855
Conc: 774.18 ng/ml



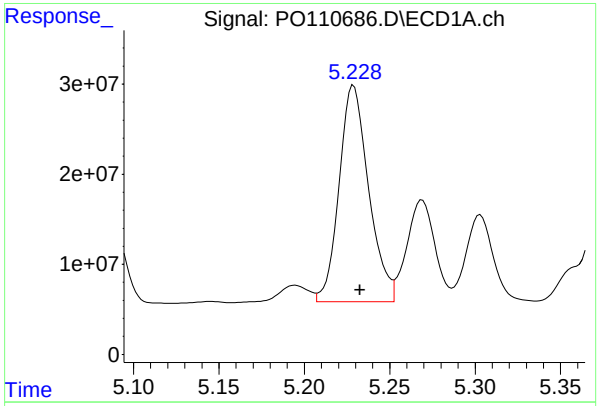
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 246952943
Conc: 834.51 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 137703629
Conc: 845.42 ng/ml



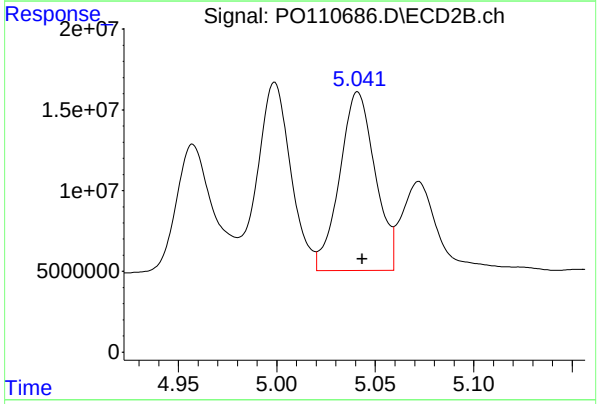
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 288931721
Conc: 780.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS014-01

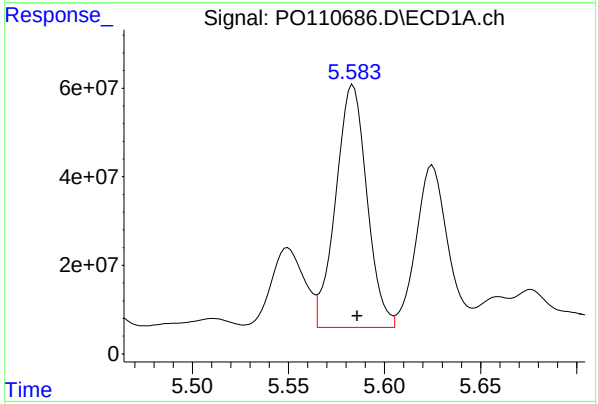
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



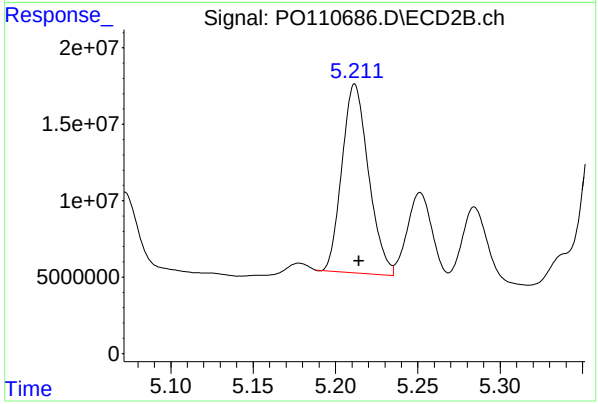
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 138681851
Conc: 788.61 ng/ml



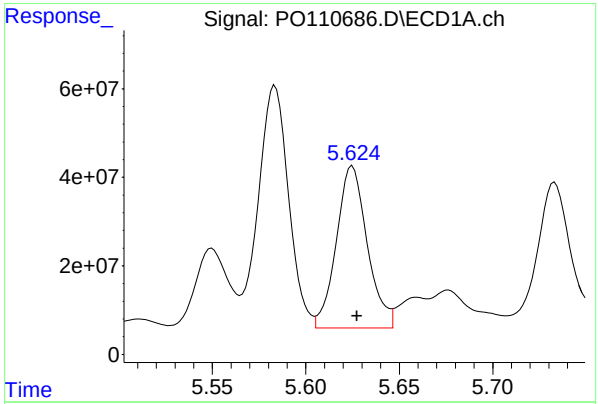
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 616791791
Conc: 1186.07 ng/ml



#24 AR-1248-4

R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 138612222
Conc: 680.54 ng/ml



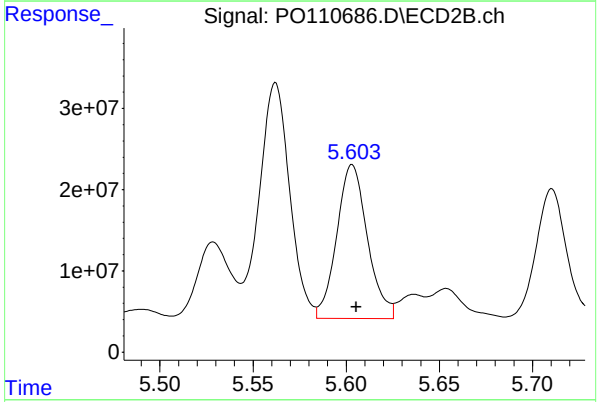
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 421847597
Conc: 1141.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS014-01

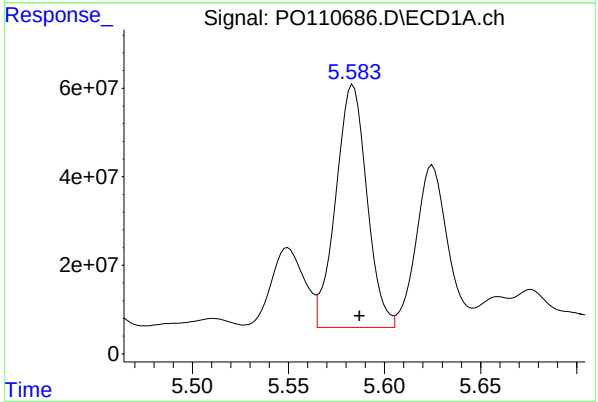
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



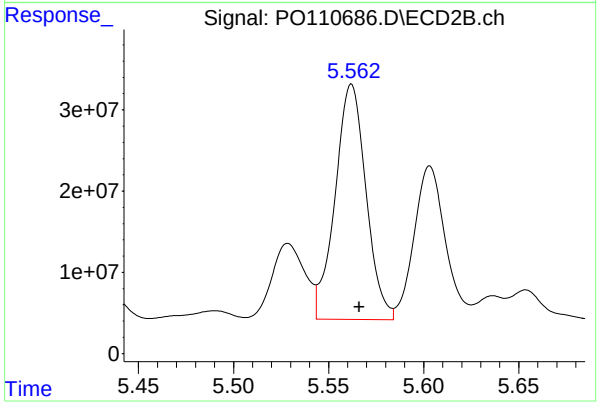
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 217176751
Conc: 1100.21 ng/ml



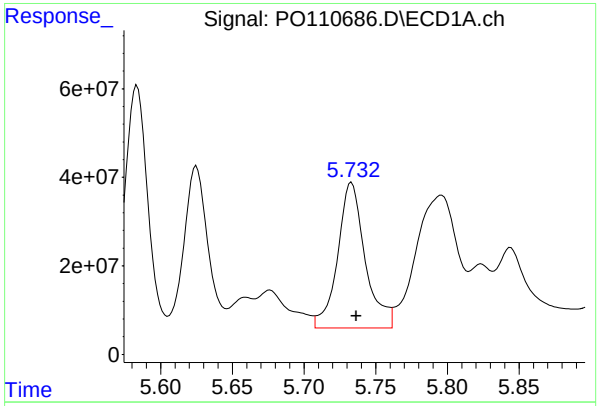
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 616791791
Conc: 1105.38 ng/ml



#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 327911631
Conc: 1087.60 ng/ml



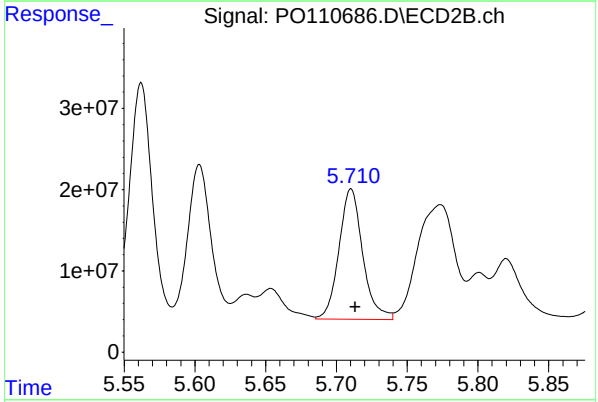
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.003 min
Response: 438941137
Conc: 903.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS014-01

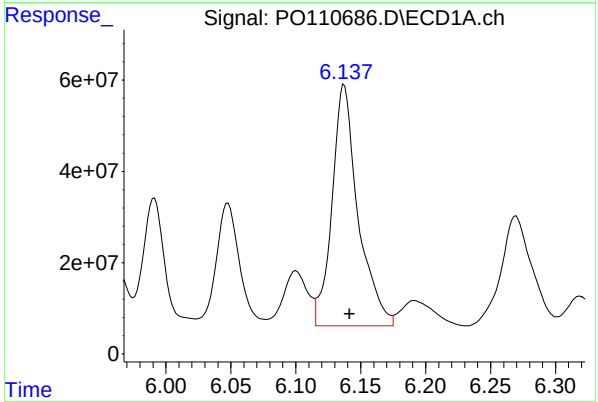
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



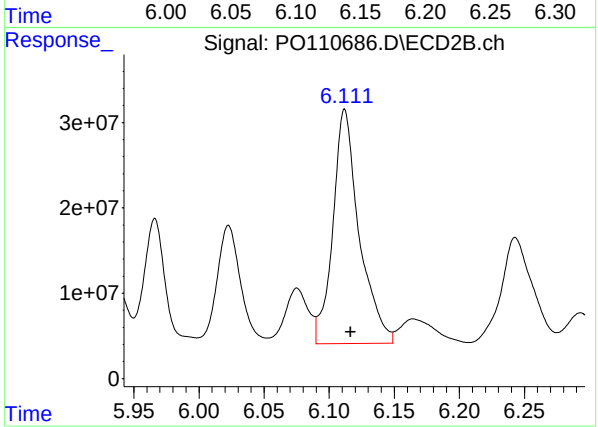
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 187964172
Conc: 710.14 ng/ml



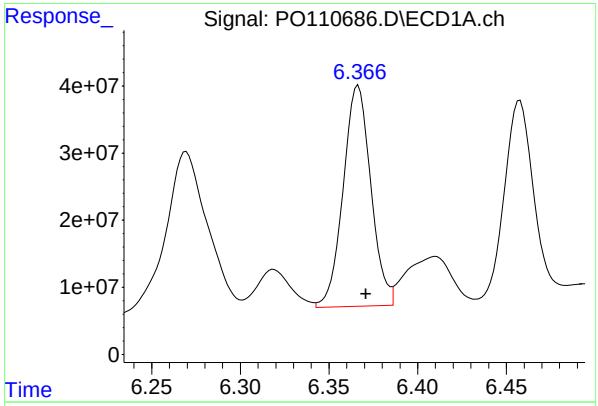
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 738599656
Conc: 943.03 ng/ml



#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 387046677
Conc: 959.42 ng/ml



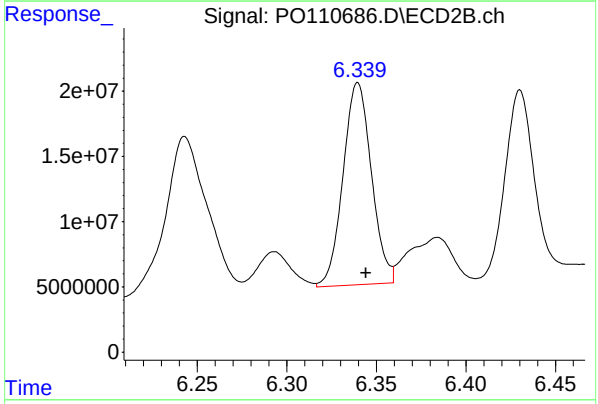
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 358423168
Conc: 735.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS014-01

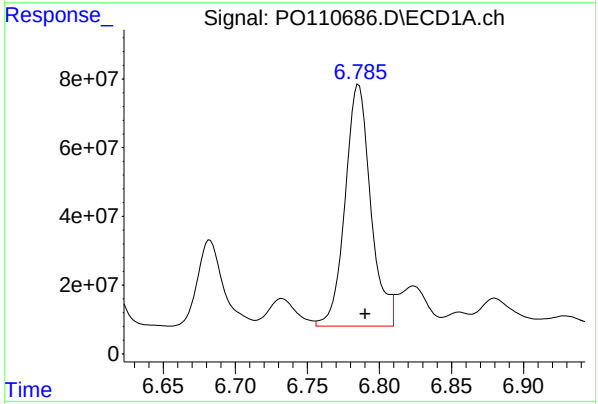
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



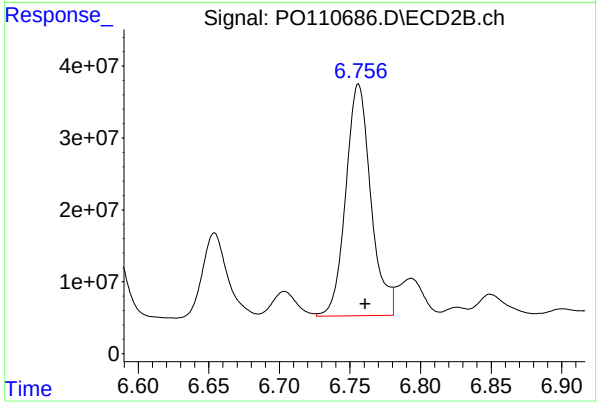
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.005 min
Response: 171475031
Conc: 746.48 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.005 min
Response: 870711256
Conc: 1242.28 ng/ml



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 399015813
Conc: 1200.80 ng/ml

Raw Data: **PO110687.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS015-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-18	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.9 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110687.D	1	04/24/25 08:32	04/24/25 15:46	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.30	U	5.30	22.7	ug/kg
11104-28-2	Aroclor-1221	5.40	U	5.40	22.7	ug/kg
11141-16-5	Aroclor-1232	5.00	U	5.00	22.7	ug/kg
53469-21-9	Aroclor-1242	5.40	U	5.40	22.7	ug/kg
12672-29-6	Aroclor-1248	71.7		7.90	22.7	ug/kg
11097-69-1	Aroclor-1254	102		4.30	22.7	ug/kg
37324-23-5	Aroclor-1262	6.70	U	6.70	22.7	ug/kg
11100-14-4	Aroclor-1268	4.80	U	4.80	22.7	ug/kg
11096-82-5	Aroclor-1260	4.30	U	4.30	22.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.0		32 - 175	65%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110687.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110687.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:46
Operator : YP/AJ
Sample : Q1860-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS015-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:27:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	165.7E6	89728946	18.943	17.983
2)	SA Decachlor...	8.728	8.680	93678510	25101004	11.866	13.040
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.762	22816523	12189999	107.202	105.878
22)	L5 AR-1248-2	5.015	4.999	58374292	32282158	197.260	198.193
23)	L5 AR-1248-3	5.229	5.040	50535623	21981352	136.597	124.996
24)	L5 AR-1248-4	5.584	5.211	123.0E6	26183813	236.478	128.554m#
25)	L5 AR-1248-5	5.625	5.603	47571342	23340831	128.771	118.244
26)	L6 AR-1254-1	5.584	5.563	123.0E6	65451234	220.391	217.086
27)	L6 AR-1254-2	5.733	5.710	114.7E6	55346233	236.193	209.102
28)	L6 AR-1254-3	6.138	6.113	220.5E6	116.0E6	281.512	287.643
29)	L6 AR-1254-4	6.367	6.340	55457157	28314463	113.734	123.260
30)	L6 AR-1254-5	6.786	6.757	202.8E6	94216849	289.344	283.537

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110687.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:46
Operator : YP/AJ
Sample : Q1860-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

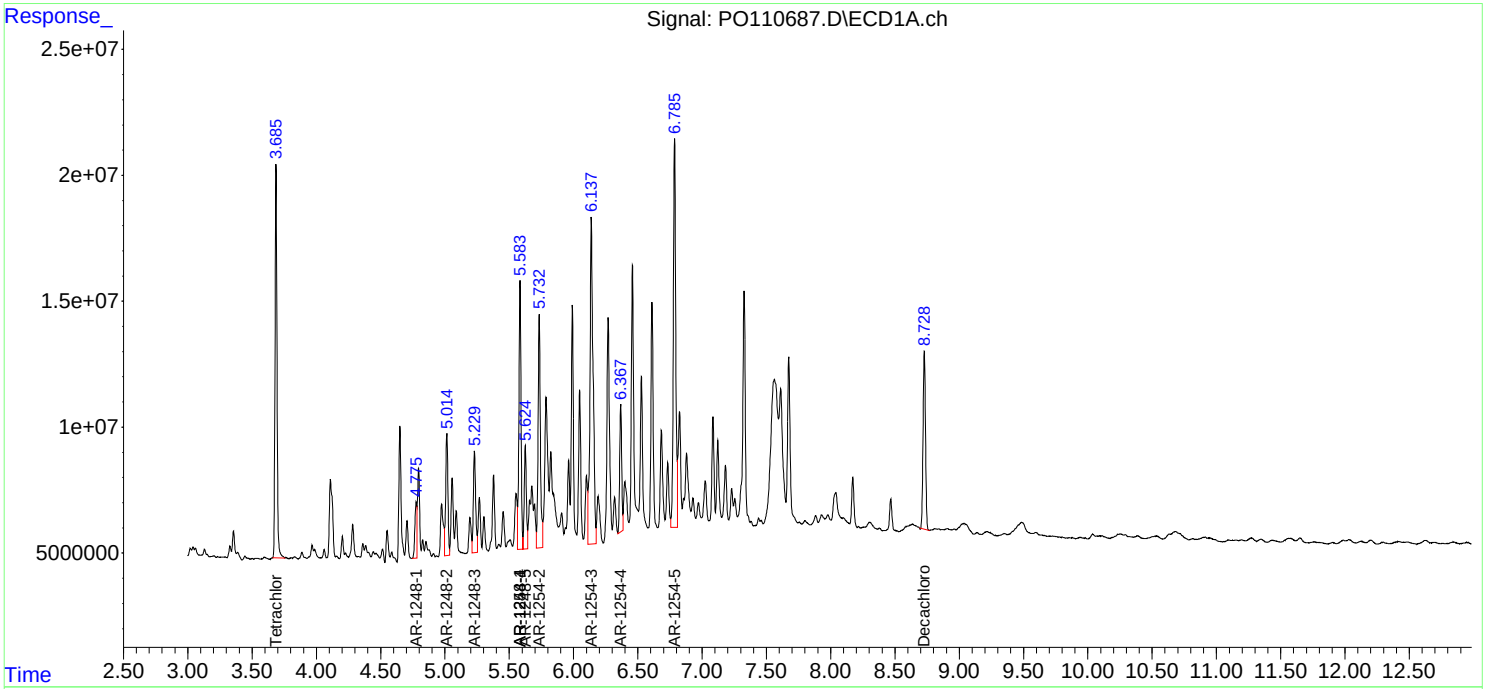
Instrument :
ECD_O
ClientSampleId :
P001-SS015-01

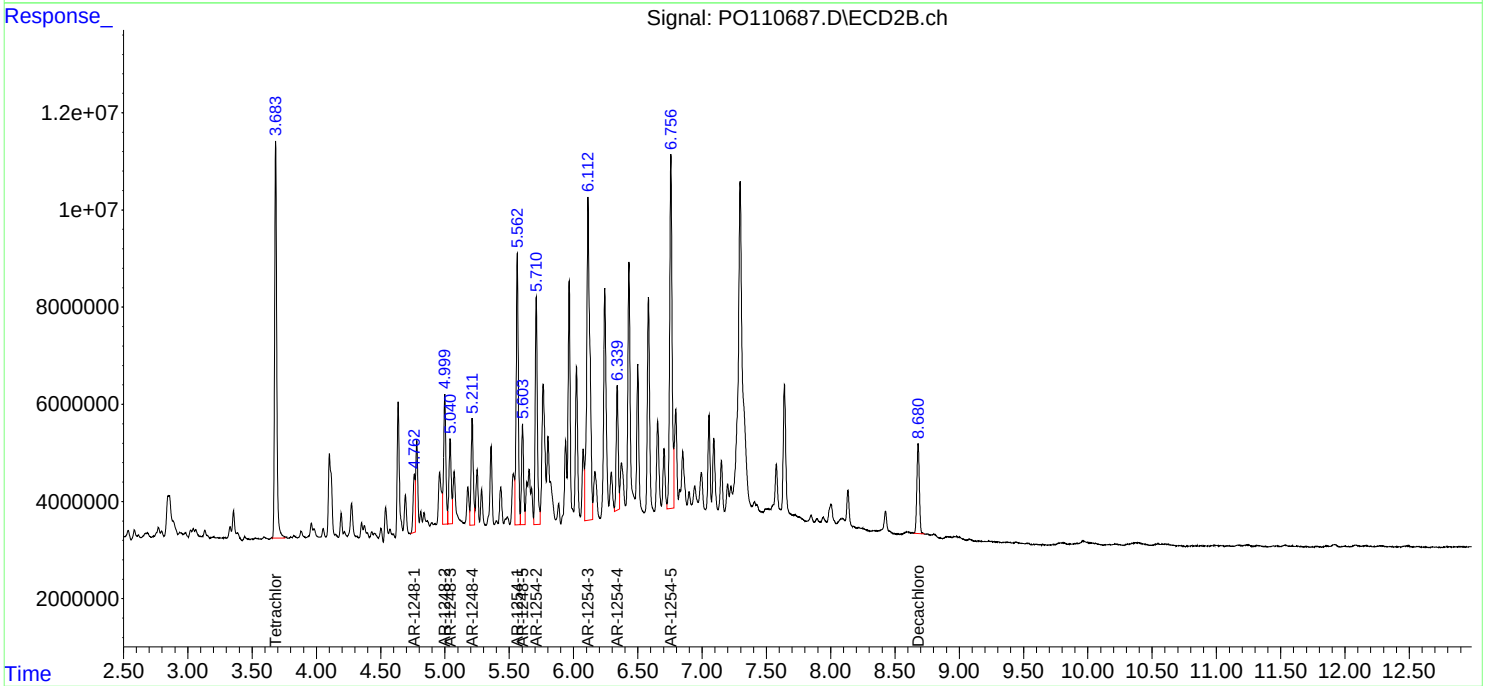
Manual Integrations APPROVED

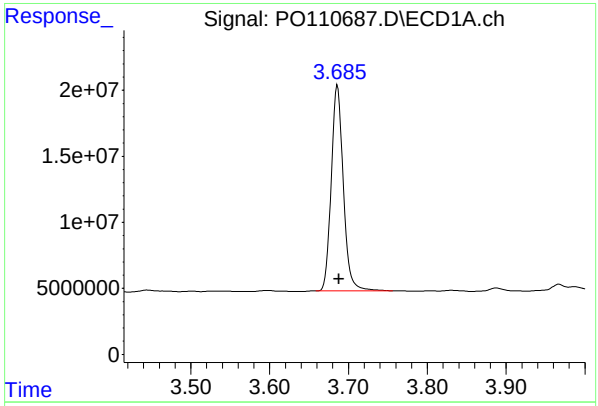
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:27:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







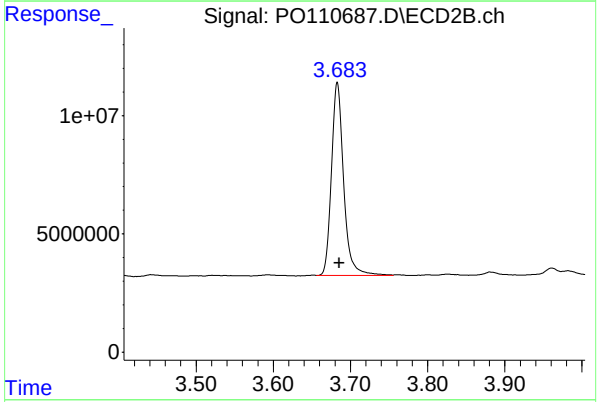
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 165733411
Conc: 18.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS015-01

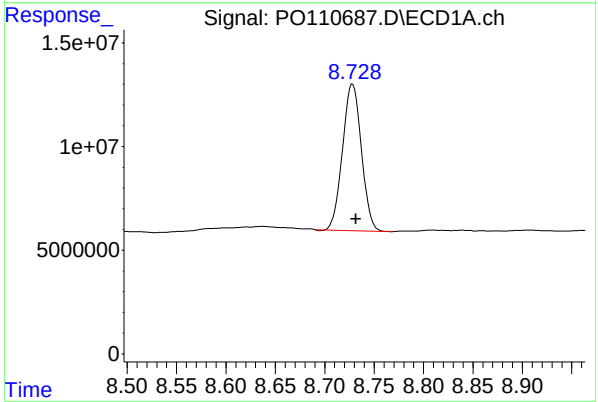
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



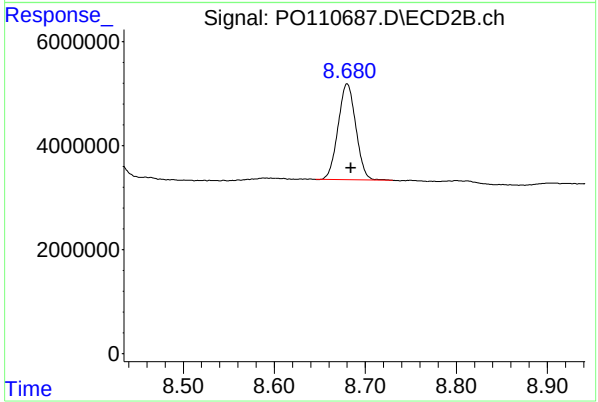
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 89728946
Conc: 17.98 ng/ml



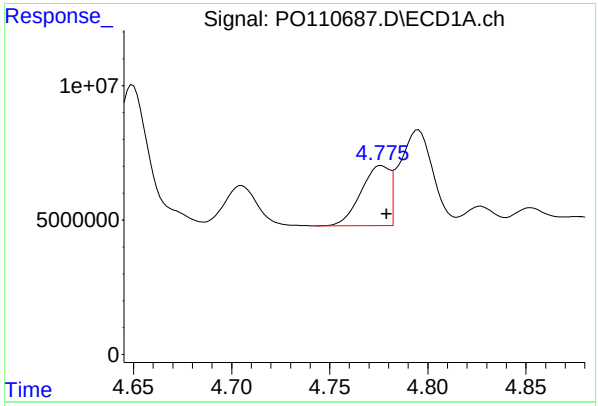
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.003 min
Response: 93678510
Conc: 11.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 25101004
Conc: 13.04 ng/ml



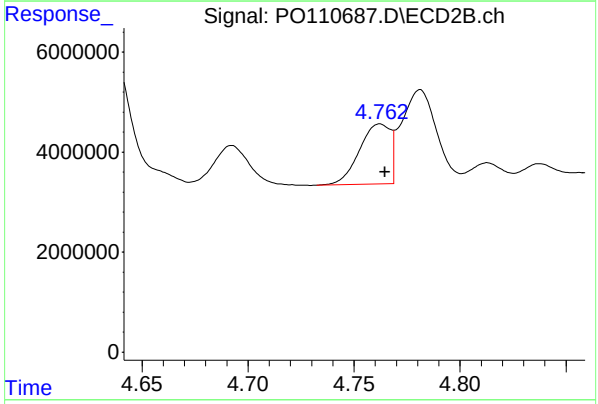
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 22816523
Conc: 107.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS015-01

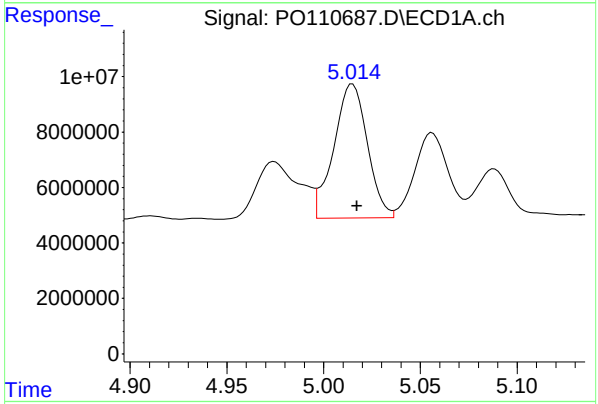
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



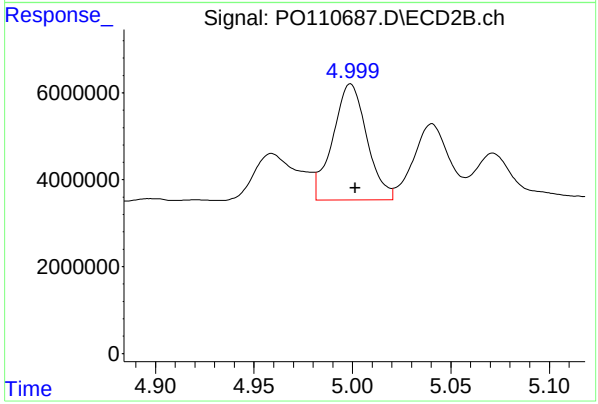
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 12189999
Conc: 105.88 ng/ml



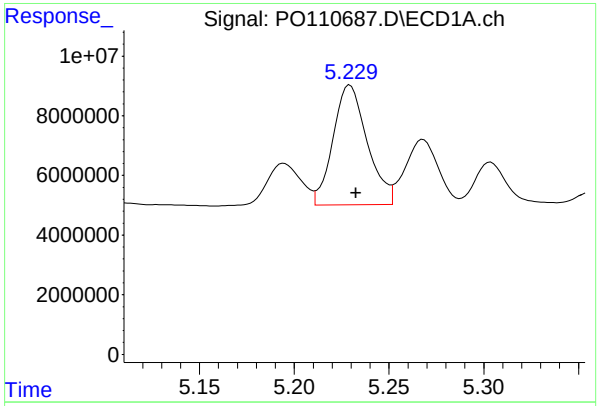
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 58374292
Conc: 197.26 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 32282158
Conc: 198.19 ng/ml



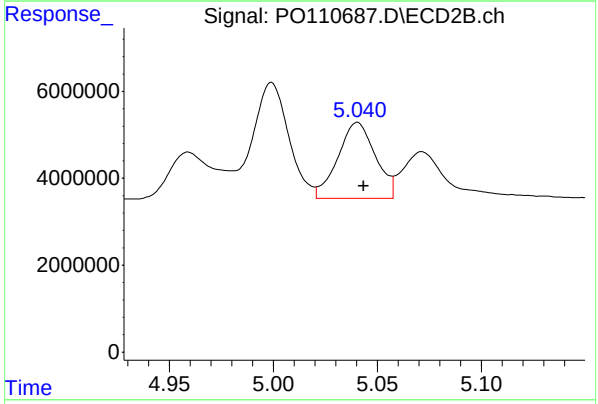
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 50535623
Conc: 136.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS015-01

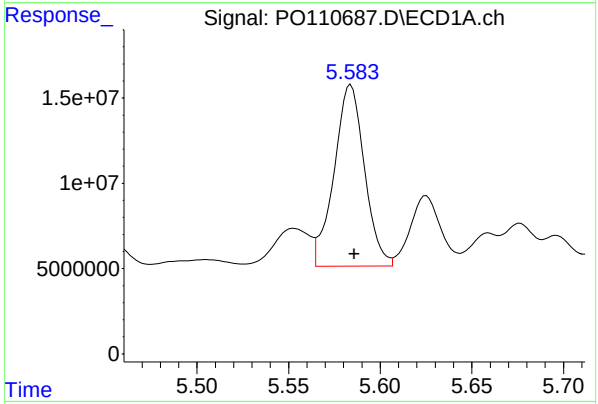
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



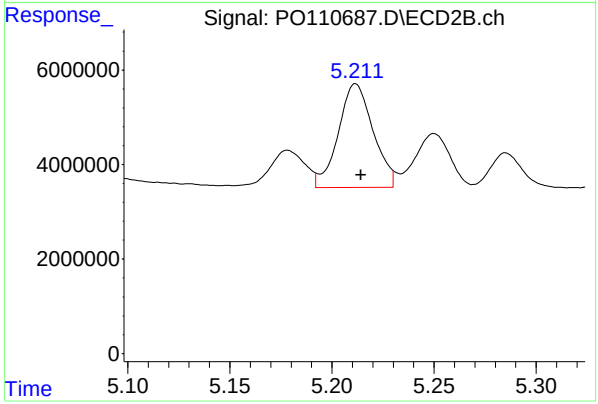
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 21981352
Conc: 125.00 ng/ml



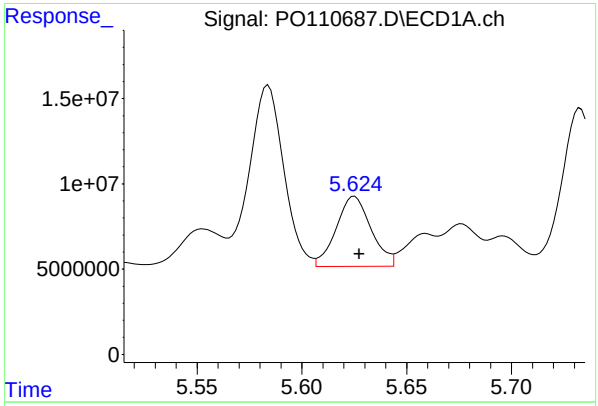
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 122975971
Conc: 236.48 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 26183813
Conc: 128.55 ng/ml m



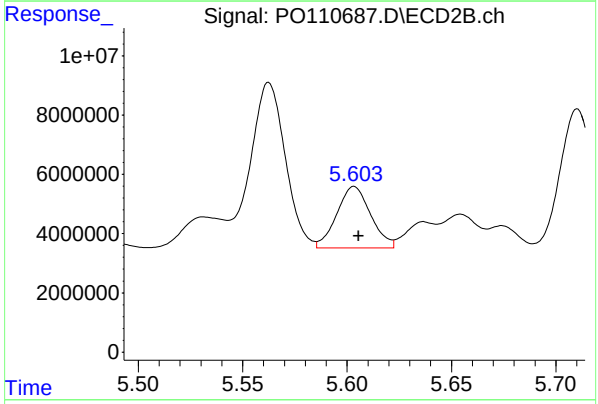
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 47571342
Conc: 128.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS015-01

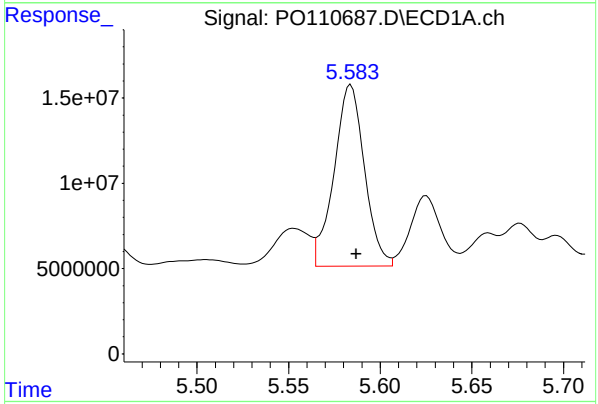
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



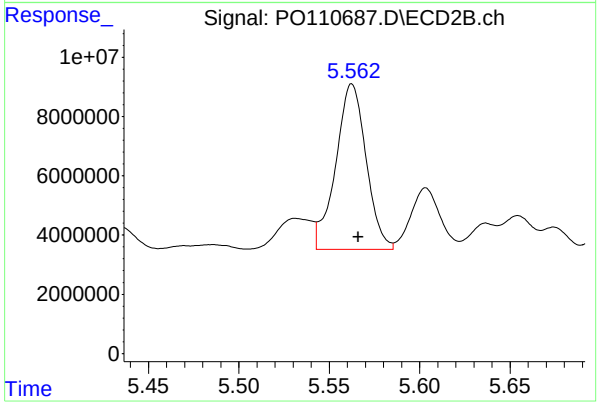
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 23340831
Conc: 118.24 ng/ml



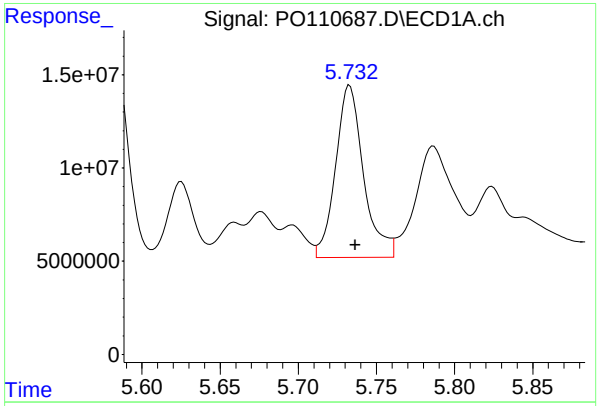
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 122975971
Conc: 220.39 ng/ml



#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 65451234
Conc: 217.09 ng/ml



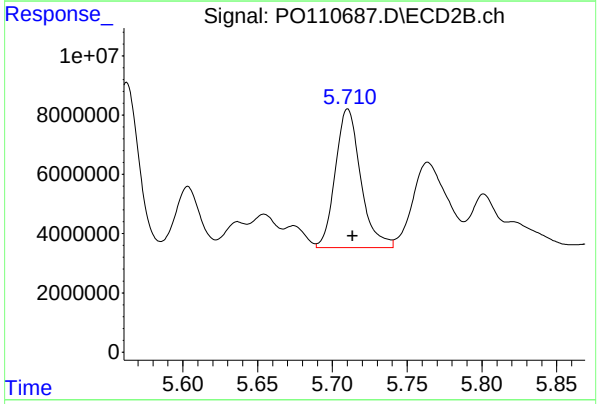
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 114719434
Conc: 236.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS015-01

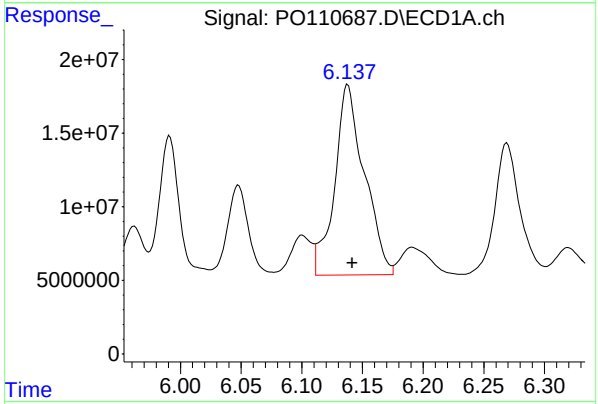
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



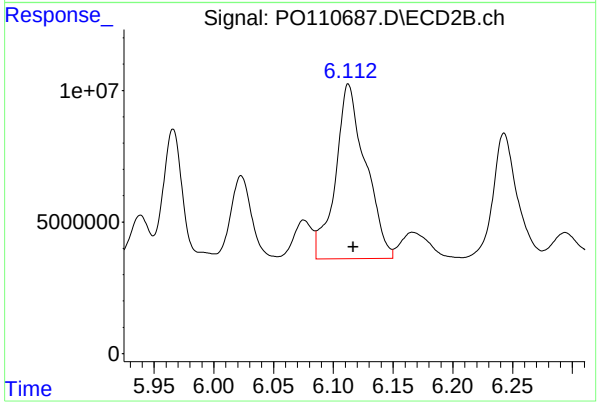
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 55346233
Conc: 209.10 ng/ml



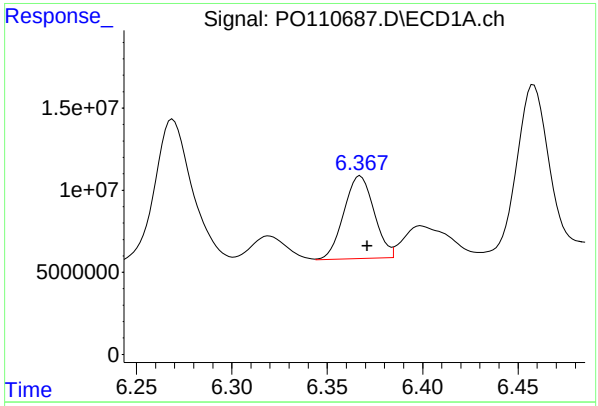
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 220486304
Conc: 281.51 ng/ml



#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 116039626
Conc: 287.64 ng/ml



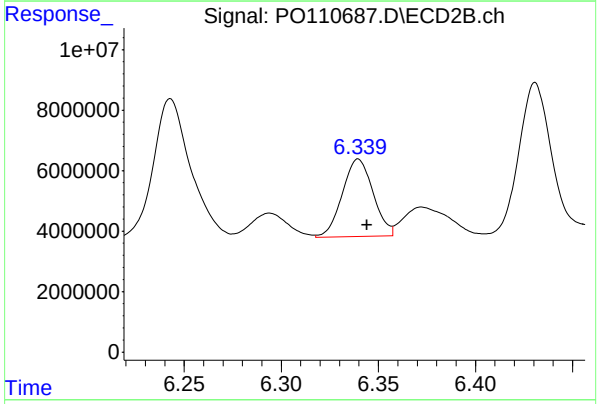
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 55457157
Conc: 113.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS015-01

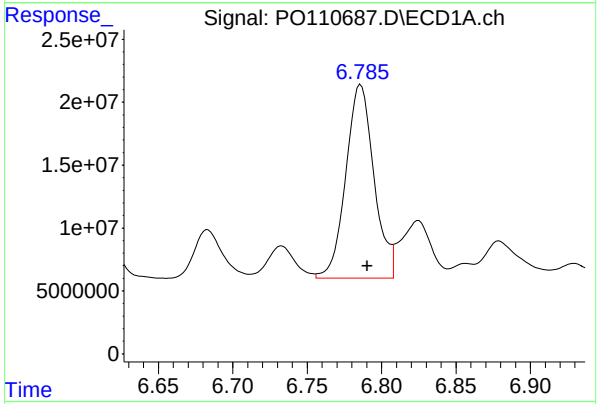
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



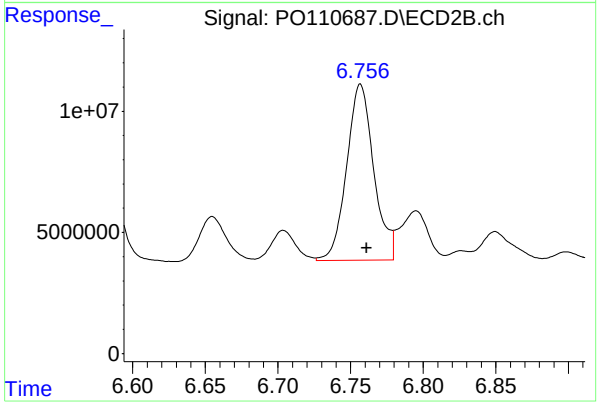
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.005 min
Response: 28314463
Conc: 123.26 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 202801211
Conc: 289.34 ng/ml



#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 94216849
Conc: 283.54 ng/ml

Raw Data: **PO110727.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS016-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-19	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.1 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110727.D	1	04/25/25 08:20	04/25/25 12:31	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	932	E	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	734	E	3.90	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.5		32 - 144	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		32 - 175	86%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110727.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 12:31
Operator : YP/AJ
Sample : Q1860-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:22:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.683	144.5E6	82547940	16.518	16.543
2)	SA Decachlor...	8.727	8.678	127.4E6	32958236	16.140	17.121
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.763	412.5E6	213.0E6	1938.217	1850.131
22)	L5 AR-1248-2	5.015	4.999	723.4E6	376.2E6	2444.439	2309.337
23)	L5 AR-1248-3	5.229	5.041	824.6E6	352.0E6	2228.915	2001.864
24)	L5 AR-1248-4	5.584	5.212	1371.3E6	443.2E6	2637.009	2176.011m
25)	L5 AR-1248-5	5.625	5.604	880.9E6	452.6E6	2384.569	2292.747
26)	L6 AR-1254-1	5.584	5.563	1371.3E6	705.5E6	2457.622	2339.939
27)	L6 AR-1254-2	5.733	5.711	752.2E6	382.6E6	1548.733	1445.453
28)	L6 AR-1254-3	6.138	6.113	1424.4E6	717.3E6	1818.609	1778.115
29)	L6 AR-1254-4	6.367	6.340	708.8E6	338.7E6	1453.538	1474.538
30)	L6 AR-1254-5	6.786	6.757	1326.2E6	616.7E6	1892.210	1855.938

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110727.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 12:31
Operator : YP/AJ
Sample : Q1860-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

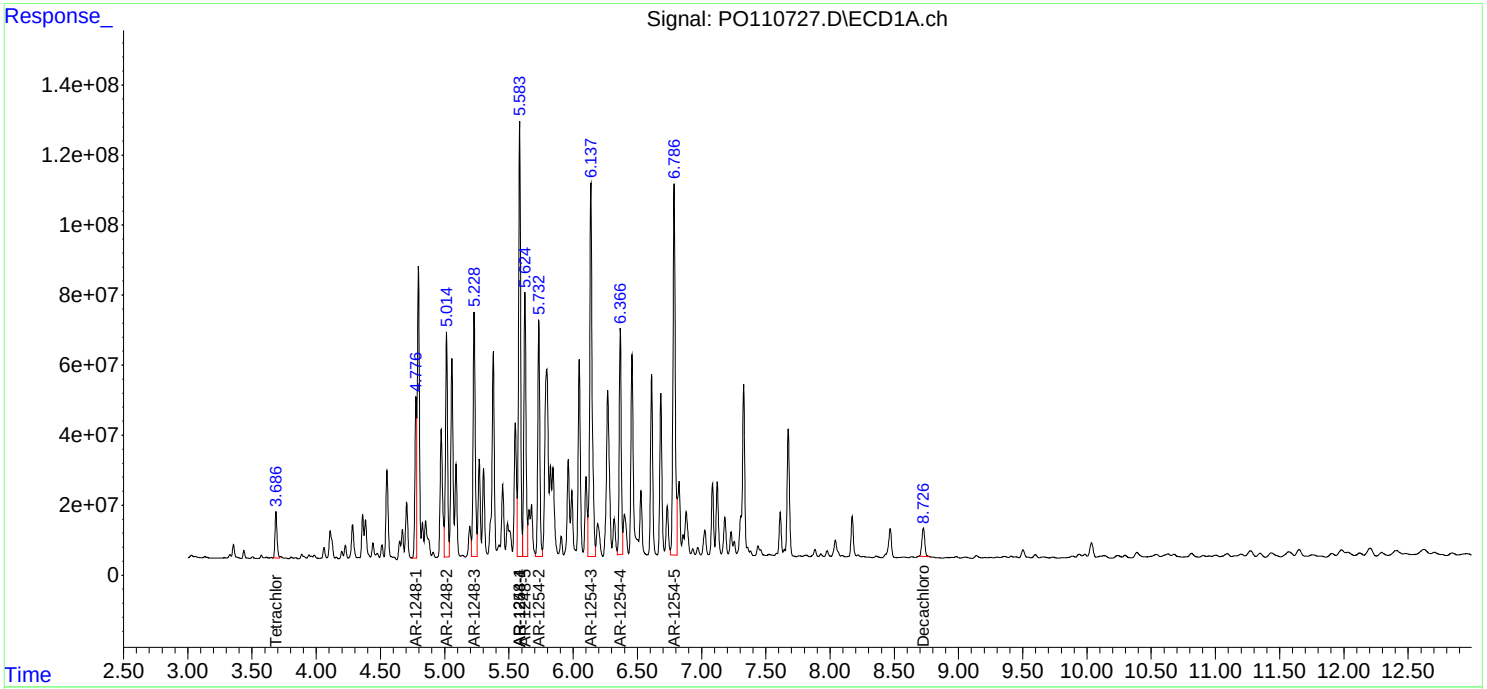
Instrument :
ECD_O
ClientSampleId :
P001-SS016-01

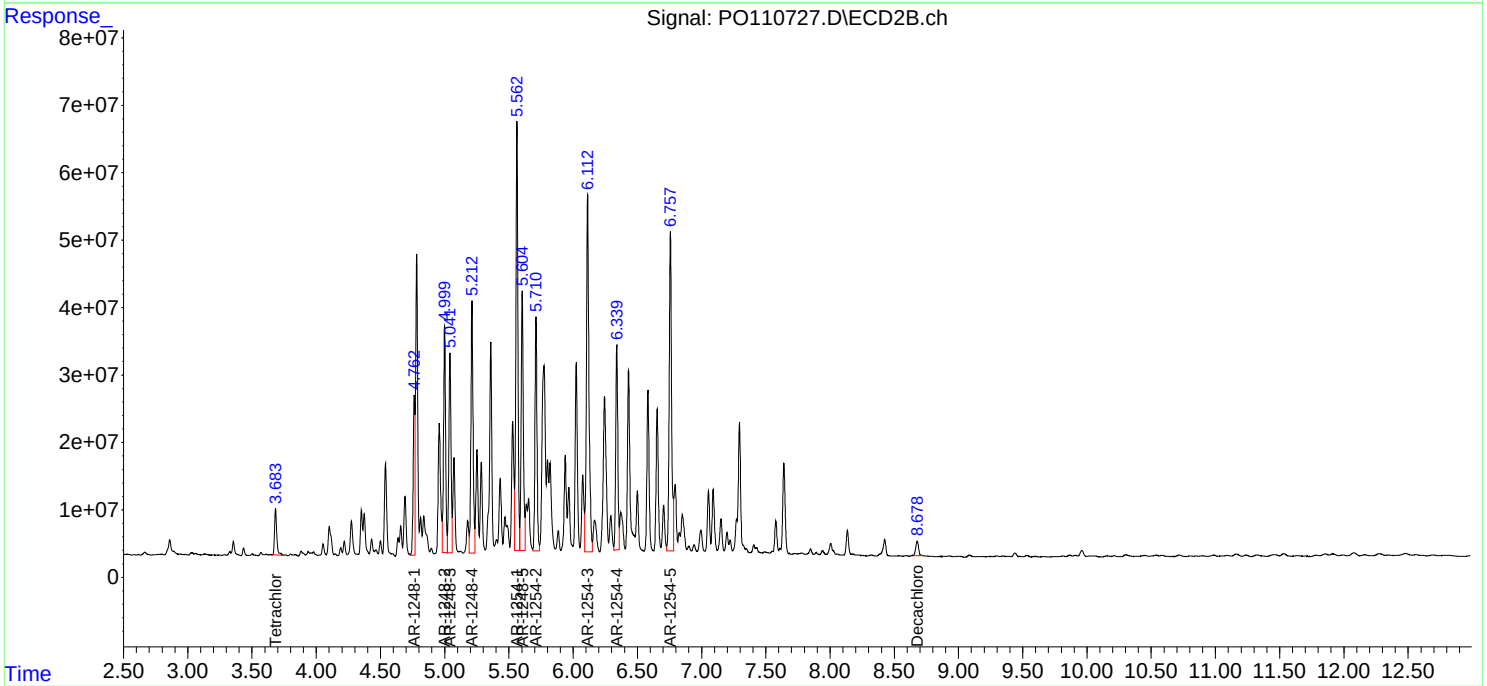
Manual Integrations APPROVED

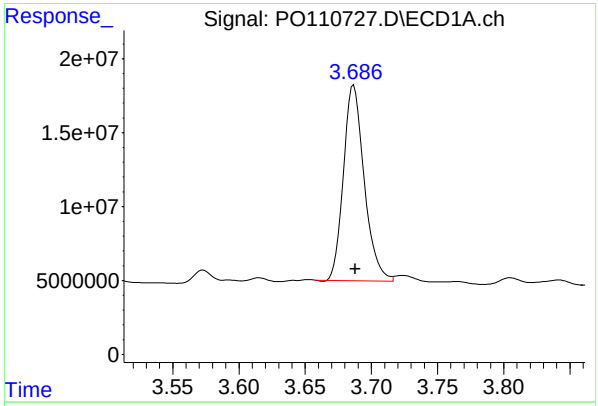
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:22:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







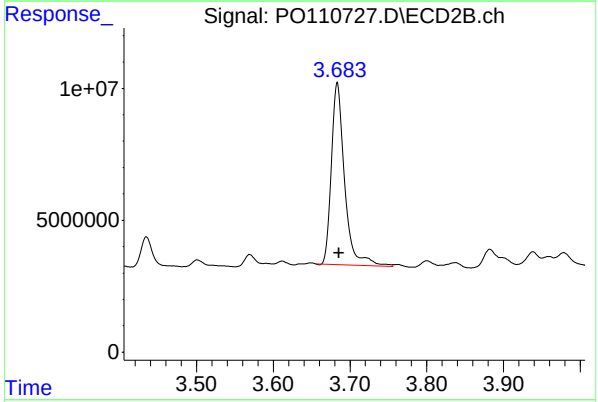
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 144515482
Conc: 16.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01

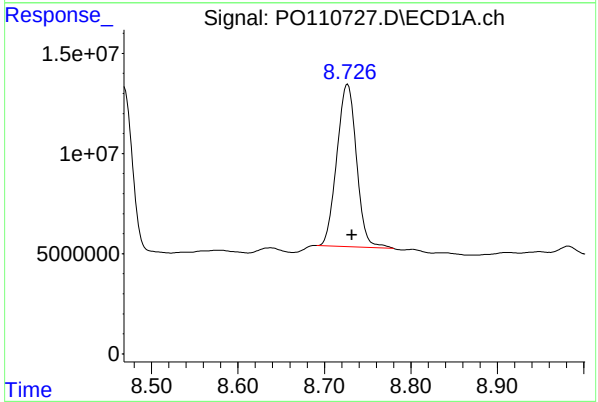
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



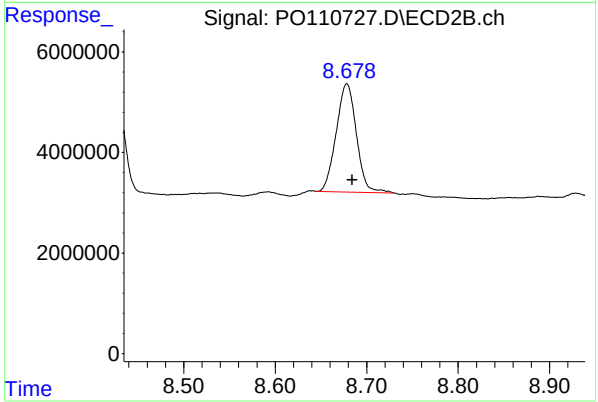
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 82547940
Conc: 16.54 ng/ml



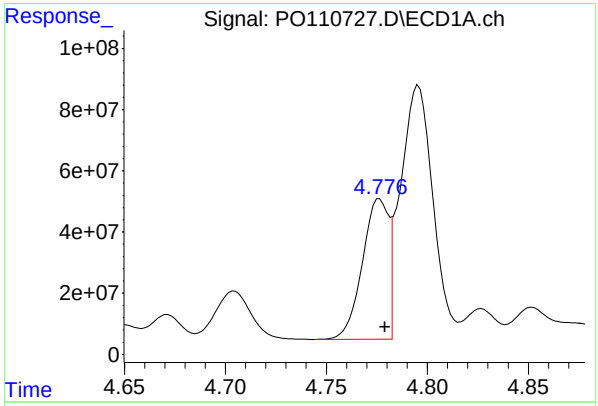
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 127421708
Conc: 16.14 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 32958236
Conc: 17.12 ng/ml



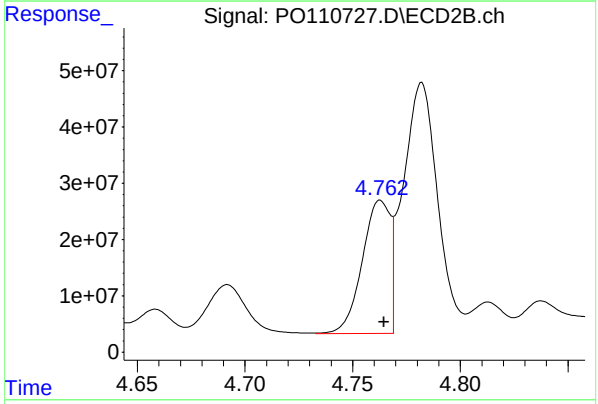
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 412522981
Conc: 1938.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01

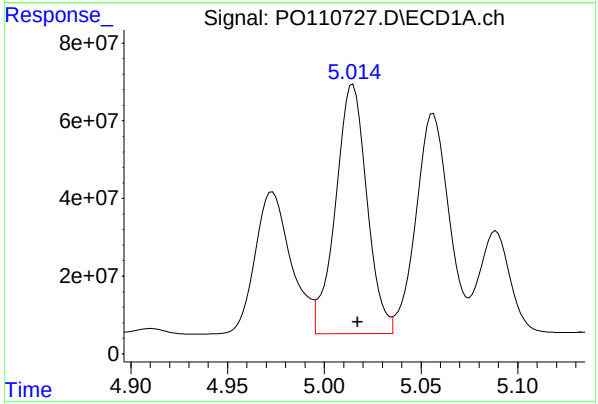
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



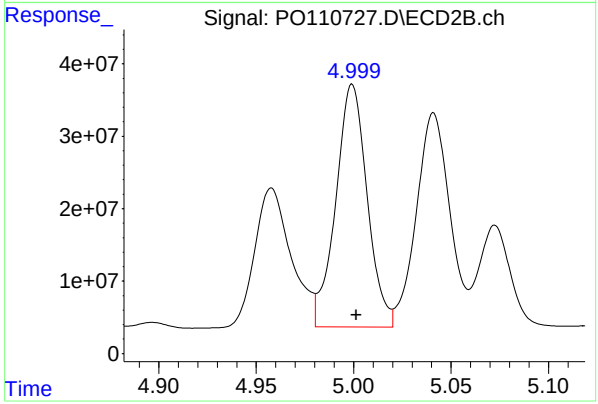
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 213009167
Conc: 1850.13 ng/ml



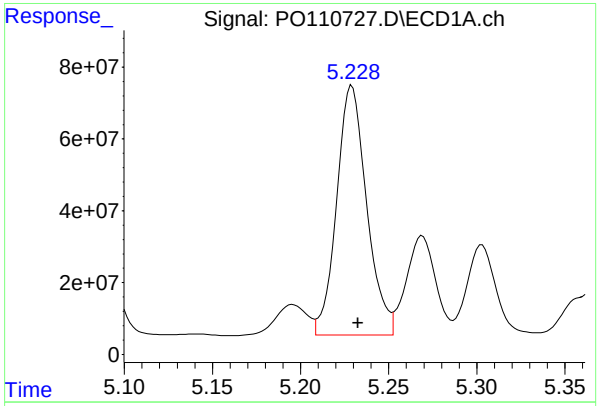
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 723370792
Conc: 2444.44 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 376150840
Conc: 2309.34 ng/ml



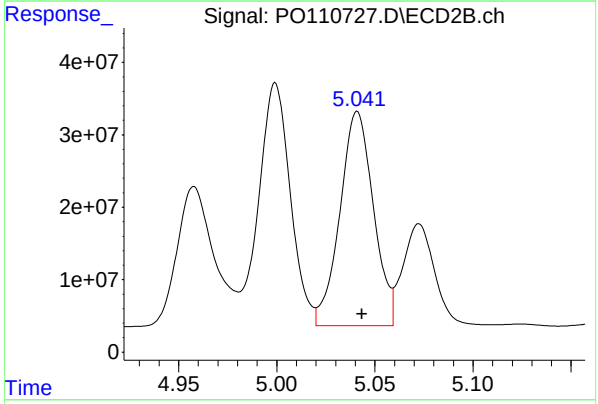
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.003 mi
Response: 824612558
Conc: 2228.91 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01

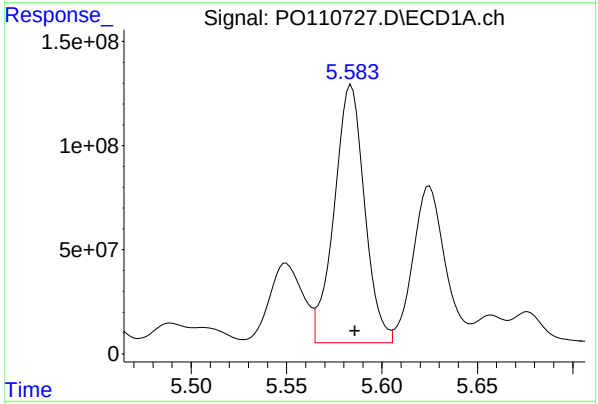
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



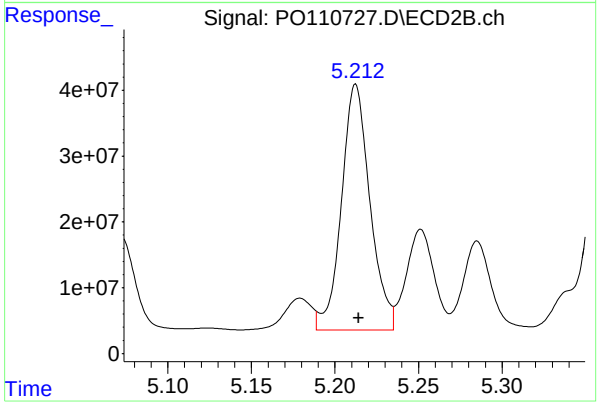
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 352039918
Conc: 2001.86 ng/ml



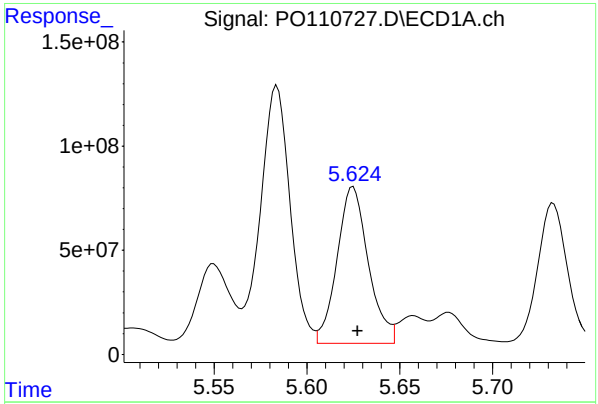
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 1371326045
Conc: 2637.01 ng/ml



#24 AR-1248-4

R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 443207065
Conc: 2176.01 ng/ml m



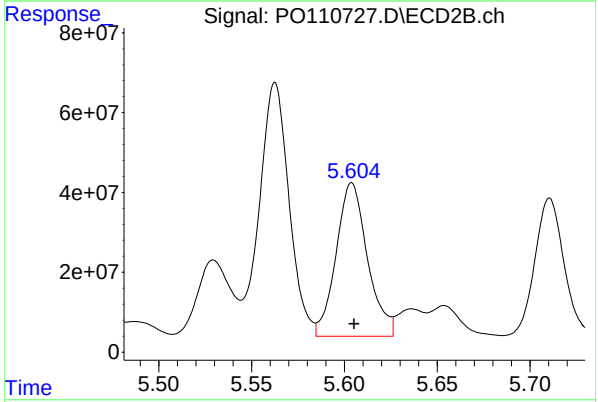
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 880921188
Conc: 2384.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01

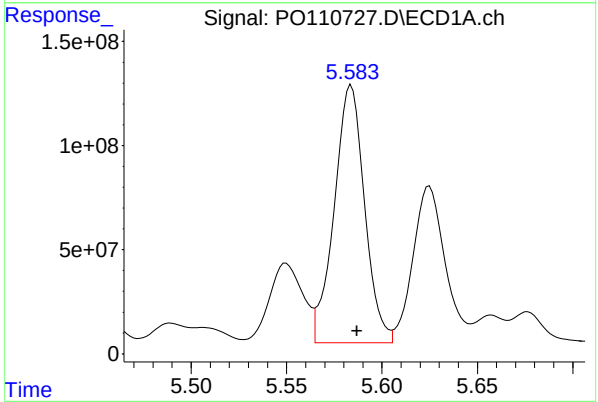
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



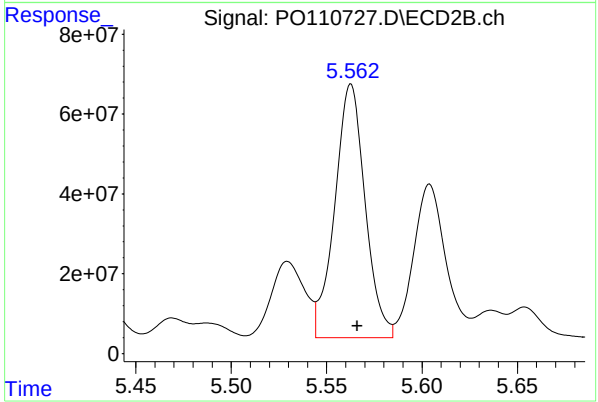
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 452578690
Conc: 2292.75 ng/ml



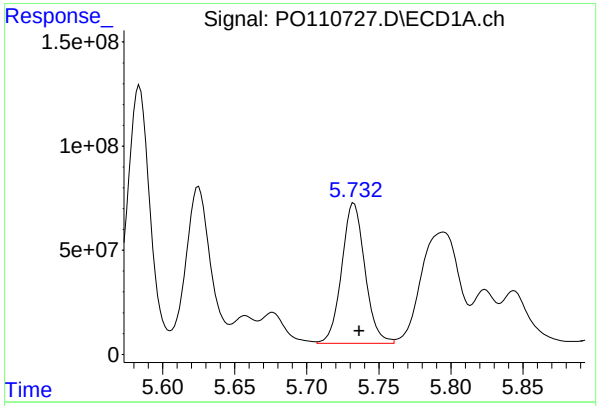
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 1371326045
Conc: 2457.62 ng/ml



#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 705489503
Conc: 2339.94 ng/ml



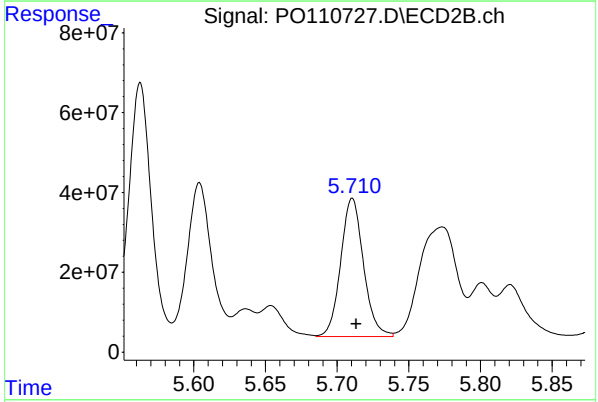
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 752223719
Conc: 1548.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01

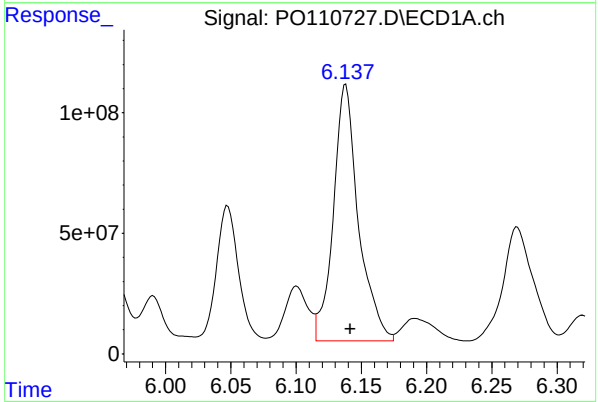
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



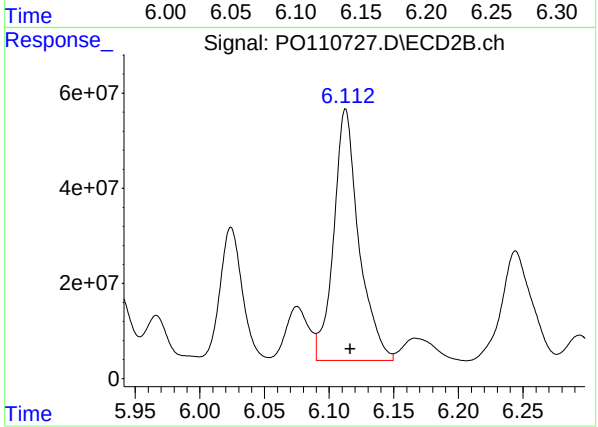
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 382590104
Conc: 1445.45 ng/ml



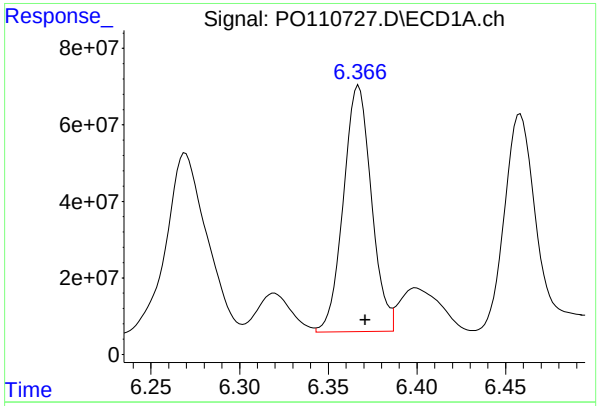
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 1424374121
Conc: 1818.61 ng/ml



#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 717320046
Conc: 1778.11 ng/ml



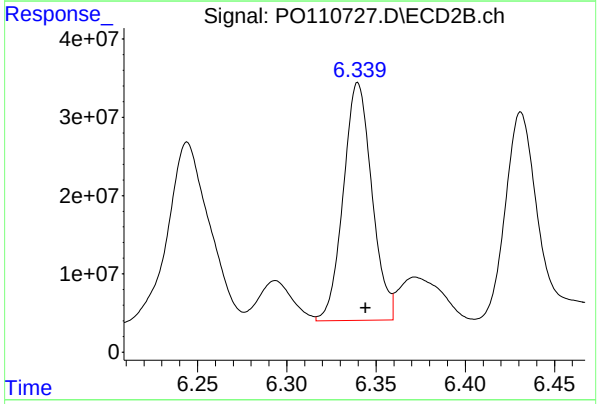
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 mi
Response: 708752667
Conc: 1453.54 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01

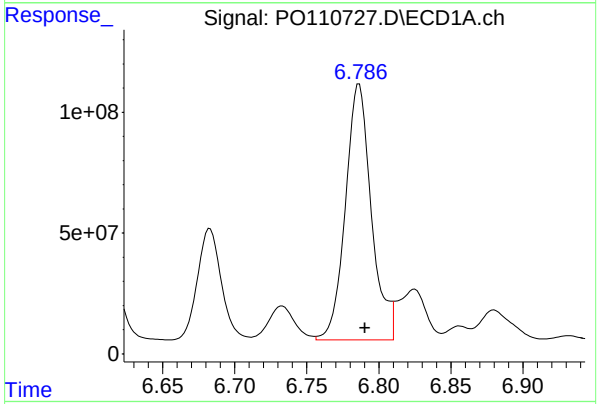
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



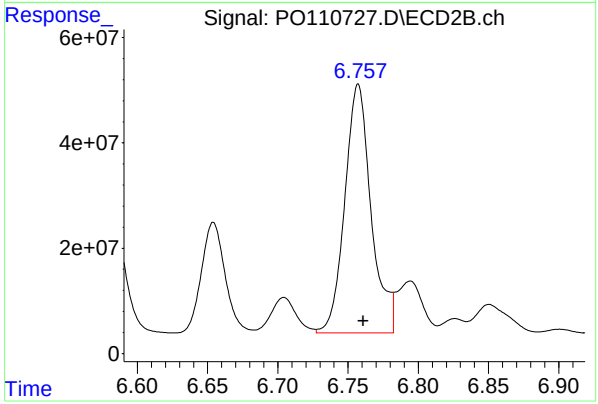
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 338720362
Conc: 1474.54 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 1326249961
Conc: 1892.21 ng/ml



#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 616712956
Conc: 1855.94 ng/ml

Raw Data: **PO110788.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS016-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-19DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.1 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110788.D	10	04/25/25 08:20	04/28/25 10:39	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	47.5	UD	47.5	204	ug/kg
11104-28-2	Aroclor-1221	48.4	UD	48.4	204	ug/kg
11141-16-5	Aroclor-1232	44.7	UD	44.7	204	ug/kg
53469-21-9	Aroclor-1242	48.2	UD	48.2	204	ug/kg
12672-29-6	Aroclor-1248	986	D	71.1	204	ug/kg
11097-69-1	Aroclor-1254	725	D	38.6	204	ug/kg
37324-23-5	Aroclor-1262	60.3	UD	60.3	204	ug/kg
11100-14-4	Aroclor-1268	43.2	UD	43.2	204	ug/kg
11096-82-5	Aroclor-1260	38.8	UD	38.8	204	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.4		32 - 144	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.0		32 - 175	80%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110788.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:39
Operator : YP/AJ
Sample : Q1860-19DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:51:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.681	13497033	6883623	1.543	1.380m
2)	SA Decachlor...	8.724	8.676	11221549	3070454	1.421	1.595
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.761	44382721	21798603	208.530	189.336
22)	L5 AR-1248-2	5.013	4.997	81878379	40498968	276.686	248.639
23)	L5 AR-1248-3	5.227	5.038	87699842	36654490	237.051	208.435
24)	L5 AR-1248-4	5.581	5.209	137.8E6	44458989	264.943	218.280m
25)	L5 AR-1248-5	5.623	5.601	90077428	43810221	243.831	221.941
26)	L6 AR-1254-1	5.581	5.560	137.8E6	67922533	246.920	225.283
27)	L6 AR-1254-2	5.731	5.708	80524589	39673692	165.790	149.890
28)	L6 AR-1254-3	6.135	6.109	141.5E6	68346682	180.620	169.420
29)	L6 AR-1254-4	6.364	6.337	72349639	32791373	148.377	142.749
30)	L6 AR-1254-5	6.783	6.754	114.5E6	52229375	163.327	157.179

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:39
Operator : YP/AJ
Sample : Q1860-19DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

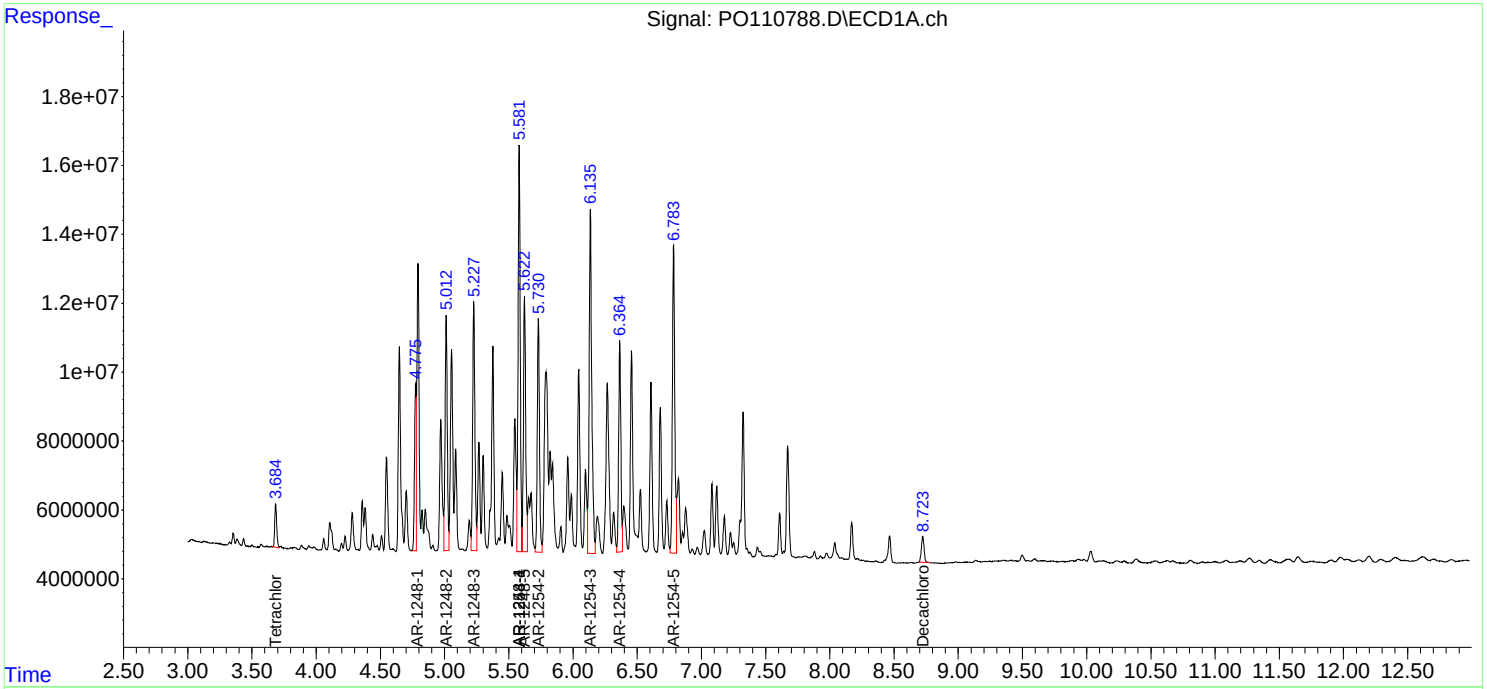
Instrument :
ECD_O
ClientSampleId :
P001-SS016-01DL

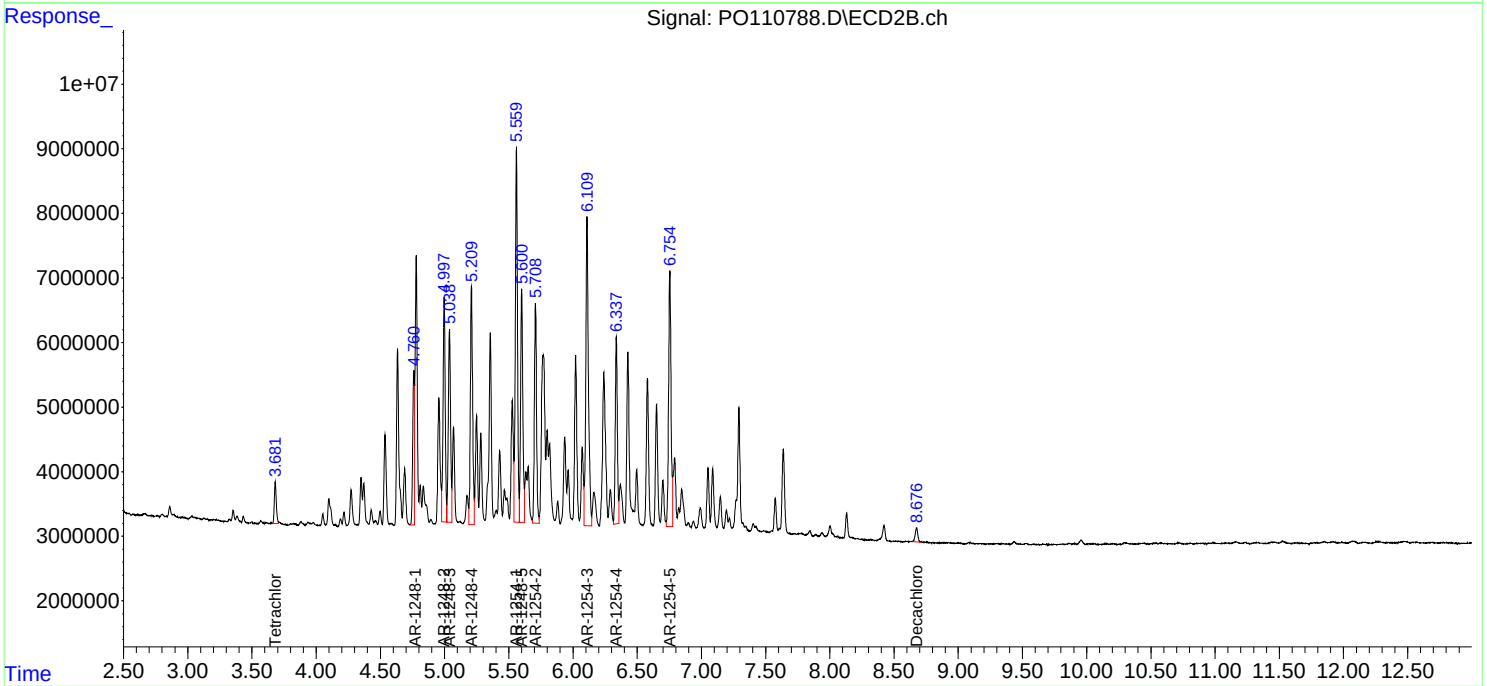
Manual Integrations APPROVED

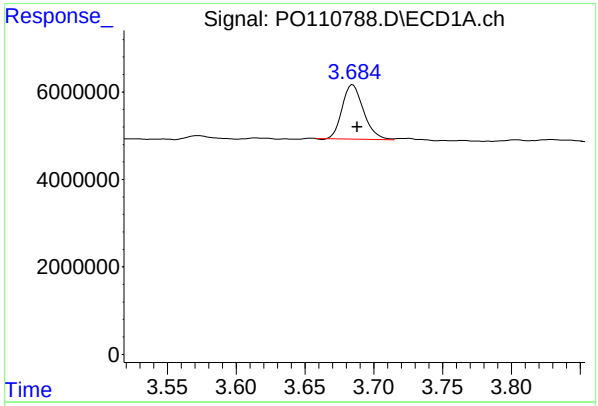
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:51:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







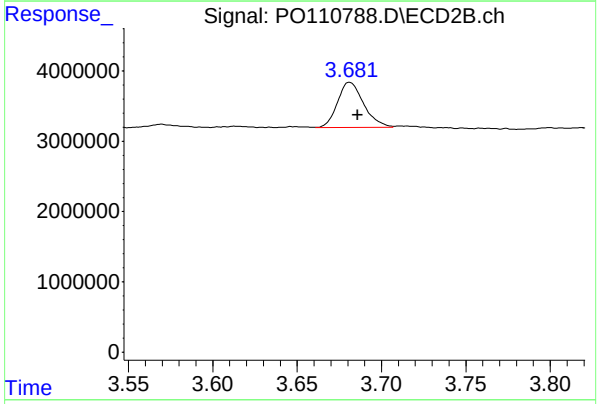
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 13497033
Conc: 1.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01DL

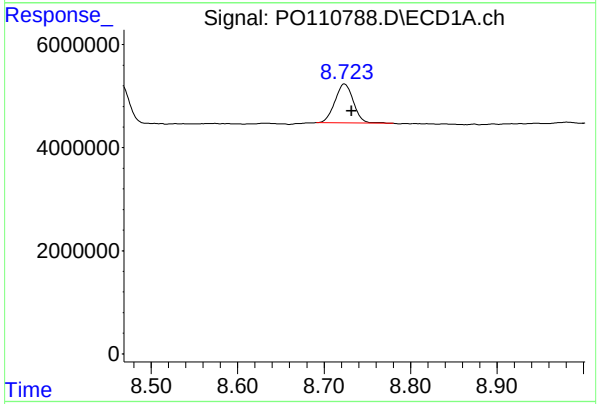
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



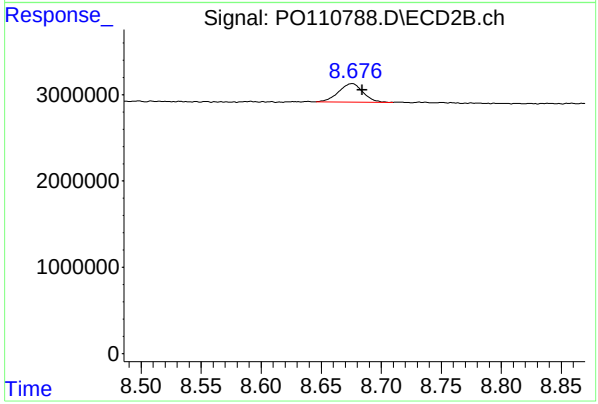
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: -0.005 min
Response: 6883623
Conc: 1.38 ng/ml m



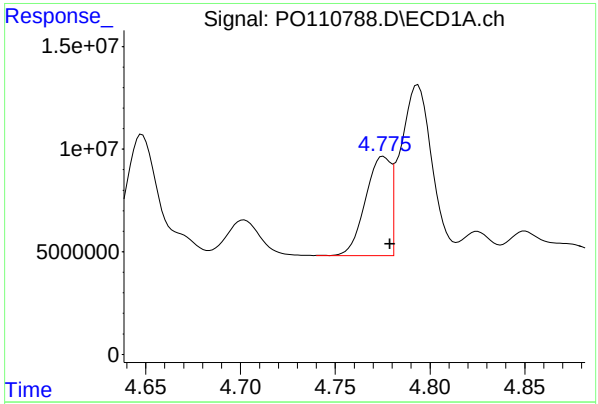
#2 Decachlorobiphenyl

R.T.: 8.724 min
Delta R.T.: -0.008 min
Response: 11221549
Conc: 1.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.008 min
Response: 3070454
Conc: 1.60 ng/ml



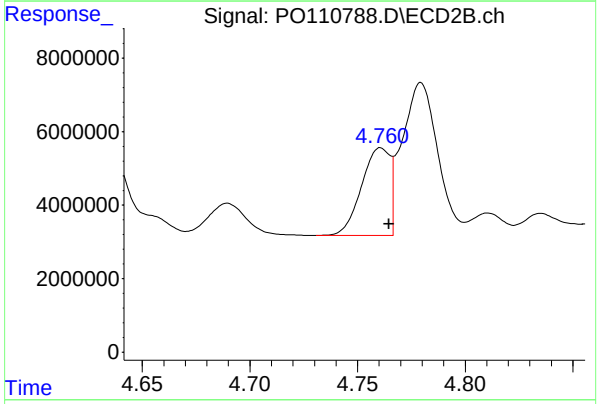
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 44382721
Conc: 208.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01DL

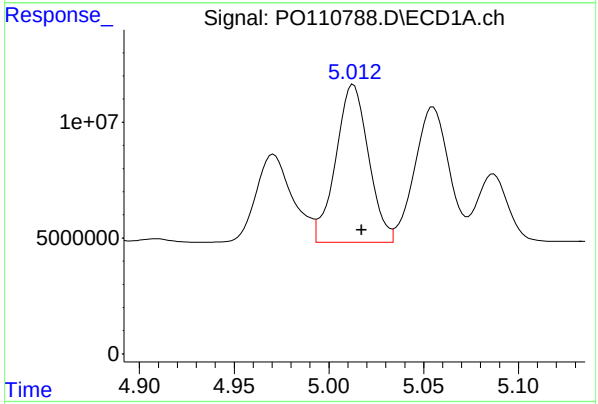
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



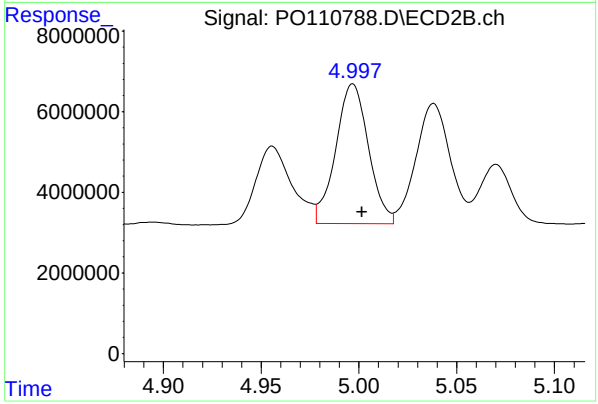
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 21798603
Conc: 189.34 ng/ml



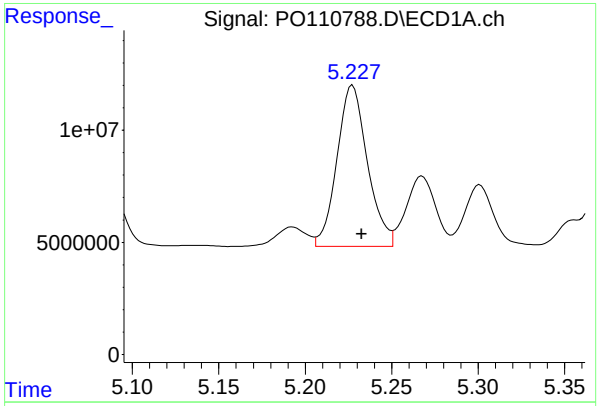
#22 AR-1248-2

R.T.: 5.013 min
Delta R.T.: -0.004 min
Response: 81878379
Conc: 276.69 ng/ml



#22 AR-1248-2

R.T.: 4.997 min
Delta R.T.: -0.005 min
Response: 40498968
Conc: 248.64 ng/ml



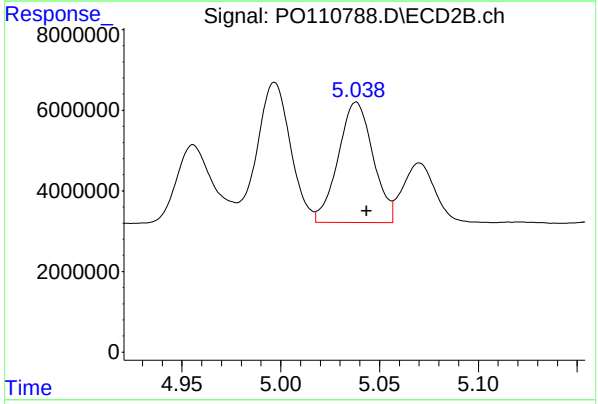
#23 AR-1248-3

R.T.: 5.227 min
Delta R.T.: -0.005 mi
Response: 87699842
Conc: 237.05 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01DL

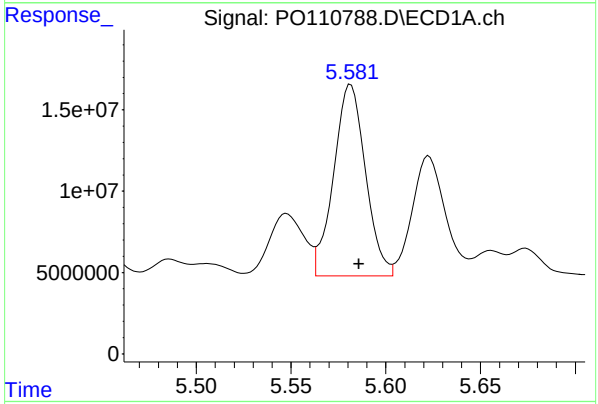
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



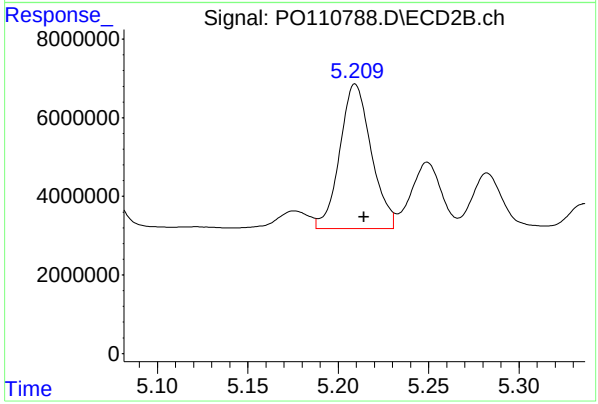
#23 AR-1248-3

R.T.: 5.038 min
Delta R.T.: -0.005 min
Response: 36654490
Conc: 208.43 ng/ml



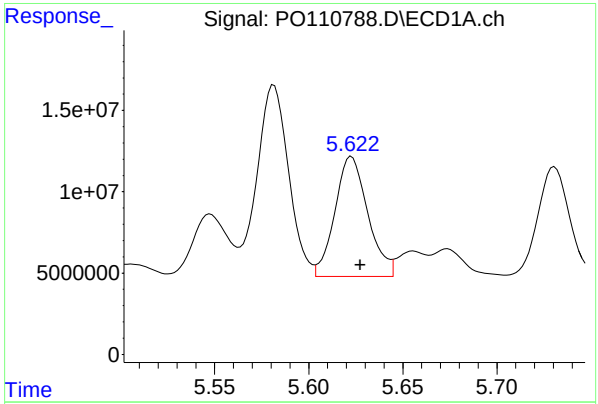
#24 AR-1248-4

R.T.: 5.581 min
Delta R.T.: -0.004 min
Response: 137778612
Conc: 264.94 ng/ml



#24 AR-1248-4

R.T.: 5.209 min
Delta R.T.: -0.005 min
Response: 44458989
Conc: 218.28 ng/ml m



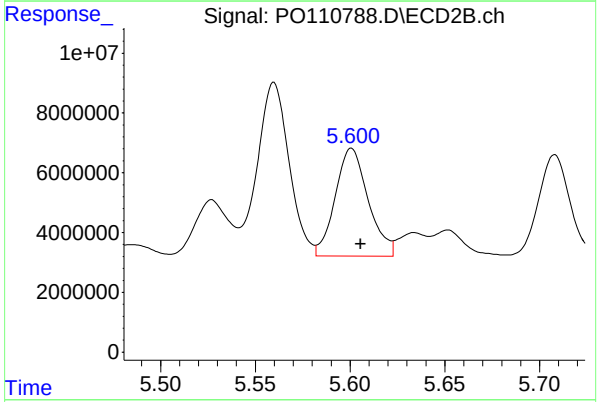
#25 AR-1248-5

R.T.: 5.623 min
Delta R.T.: -0.005 min
Response: 90077428
Conc: 243.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01DL

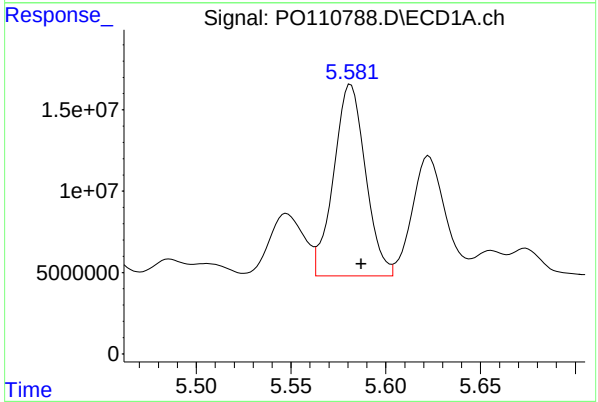
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



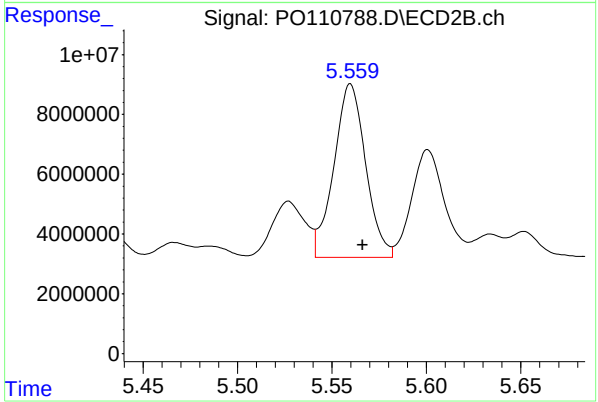
#25 AR-1248-5

R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 43810221
Conc: 221.94 ng/ml



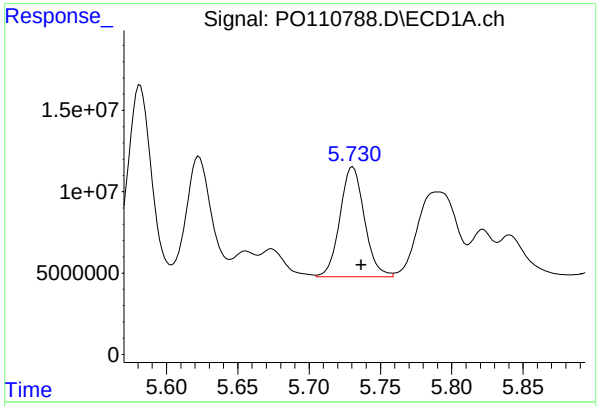
#26 AR-1254-1

R.T.: 5.581 min
Delta R.T.: -0.006 min
Response: 137778612
Conc: 246.92 ng/ml



#26 AR-1254-1

R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 67922533
Conc: 225.28 ng/ml



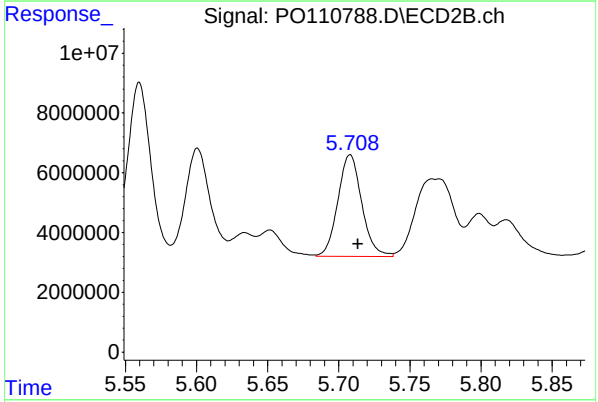
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.006 min
Response: 80524589
Conc: 165.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01DL

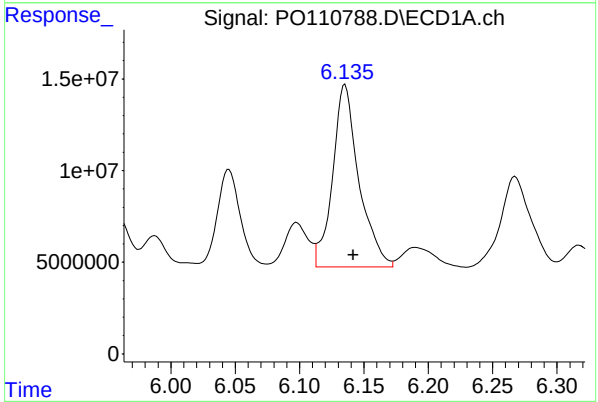
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



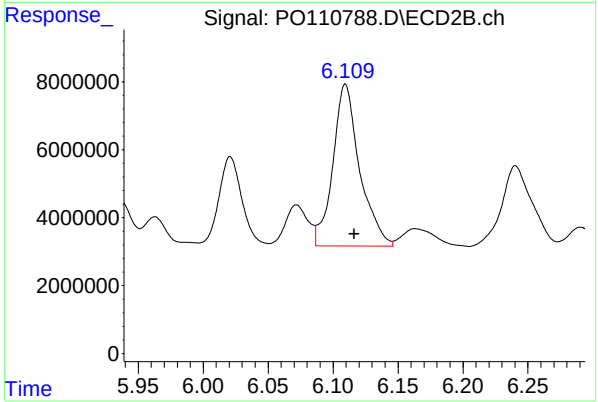
#27 AR-1254-2

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 39673692
Conc: 149.89 ng/ml



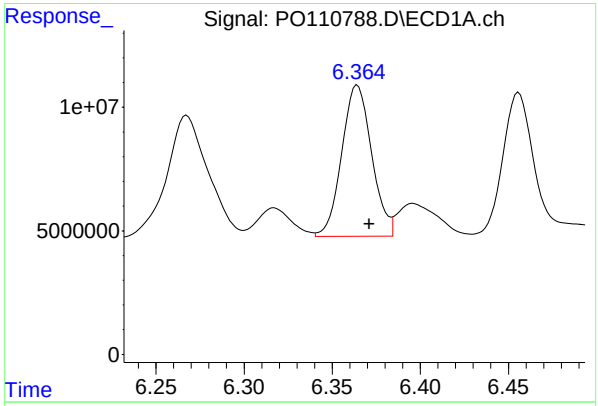
#28 AR-1254-3

R.T.: 6.135 min
Delta R.T.: -0.006 min
Response: 141465760
Conc: 180.62 ng/ml



#28 AR-1254-3

R.T.: 6.109 min
Delta R.T.: -0.007 min
Response: 68346682
Conc: 169.42 ng/ml



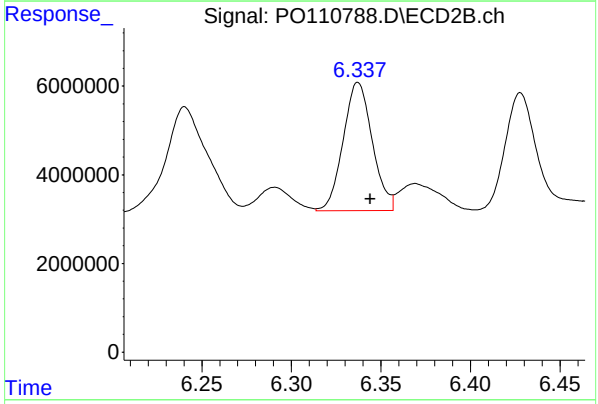
#29 AR-1254-4

R.T.: 6.364 min
Delta R.T.: -0.007 min
Response: 72349639
Conc: 148.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01DL

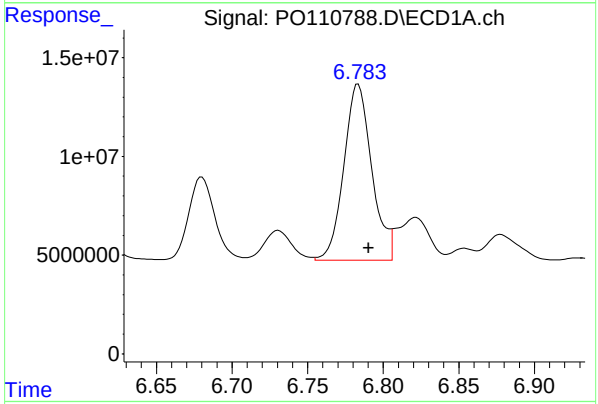
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



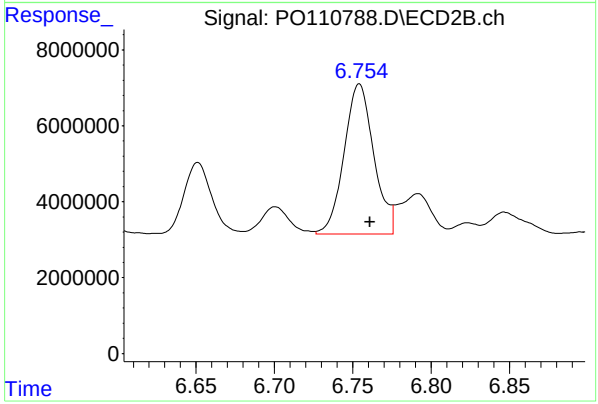
#29 AR-1254-4

R.T.: 6.337 min
Delta R.T.: -0.007 min
Response: 32791373
Conc: 142.75 ng/ml



#30 AR-1254-5

R.T.: 6.783 min
Delta R.T.: -0.007 min
Response: 114475542
Conc: 163.33 ng/ml



#30 AR-1254-5

R.T.: 6.754 min
Delta R.T.: -0.007 min
Response: 52229375
Conc: 157.18 ng/ml

Raw Data: **PO110821.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS017-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-22	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84.5 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110821.D	1	04/24/25 08:32	04/28/25 22:42	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.1	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.1	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.1	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	20.1	ug/kg
12672-29-6	Aroclor-1248	770	E	7.00	20.1	ug/kg
11097-69-1	Aroclor-1254	759	E	3.80	20.1	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	20.1	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	20.1	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		32 - 144	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		32 - 175	92%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110821.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110821.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 22:42
Operator : YP/AJ
Sample : Q1860-22
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:06:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.684	3.682	150.9E6	84763816	17.245	16.987	
2)	SA Decachlor...	8.722	8.676	139.0E6	35320920	17.603	18.349	
	Target Compounds							
21)	L5 AR-1248-1	4.773	4.761	353.2E6	184.9E6	1659.385	1606.023	
22)	L5 AR-1248-2	5.011	4.998	445.6E6	240.8E6	1505.948	1478.210	
23)	L5 AR-1248-3	5.226	5.039	693.7E6	315.0E6	1874.936	1791.480	
24)	L5 AR-1248-4	5.580	5.210	1330.6E6	359.7E6	2558.730	1766.156	#
25)	L5 AR-1248-5	5.622	5.601	807.1E6	419.6E6	2184.763	2125.426	
26)	L6 AR-1254-1	5.580	5.561	1330.6E6	694.2E6	2384.667	2302.591	
27)	L6 AR-1254-2	5.729	5.709	736.7E6	389.8E6	1516.755	1472.860	
28)	L6 AR-1254-3	6.134	6.111	1499.7E6	760.5E6	1914.778	1885.230	
29)	L6 AR-1254-4	6.363	6.338	762.4E6	345.2E6	1563.546	1502.543	
30)	L6 AR-1254-5	6.782	6.755	1591.0E6	745.1E6	2270.006	2242.430	

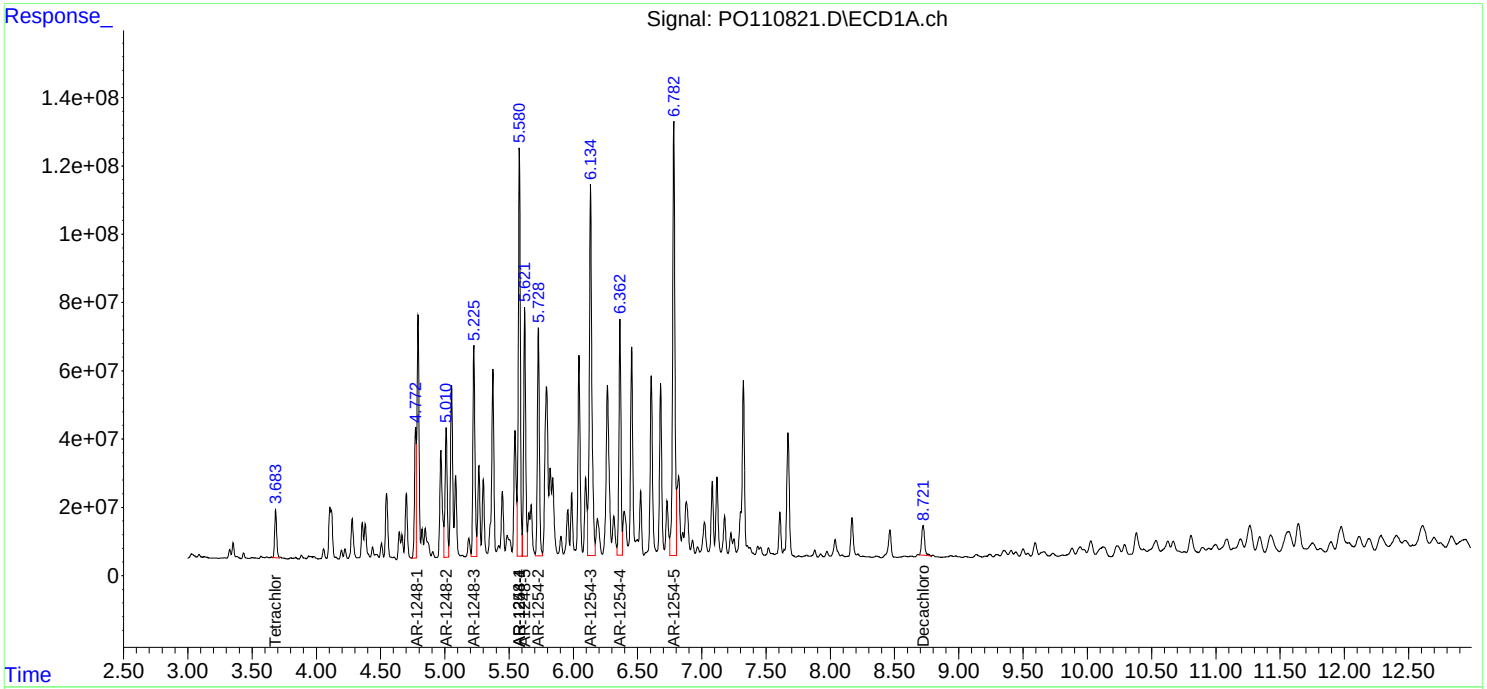
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

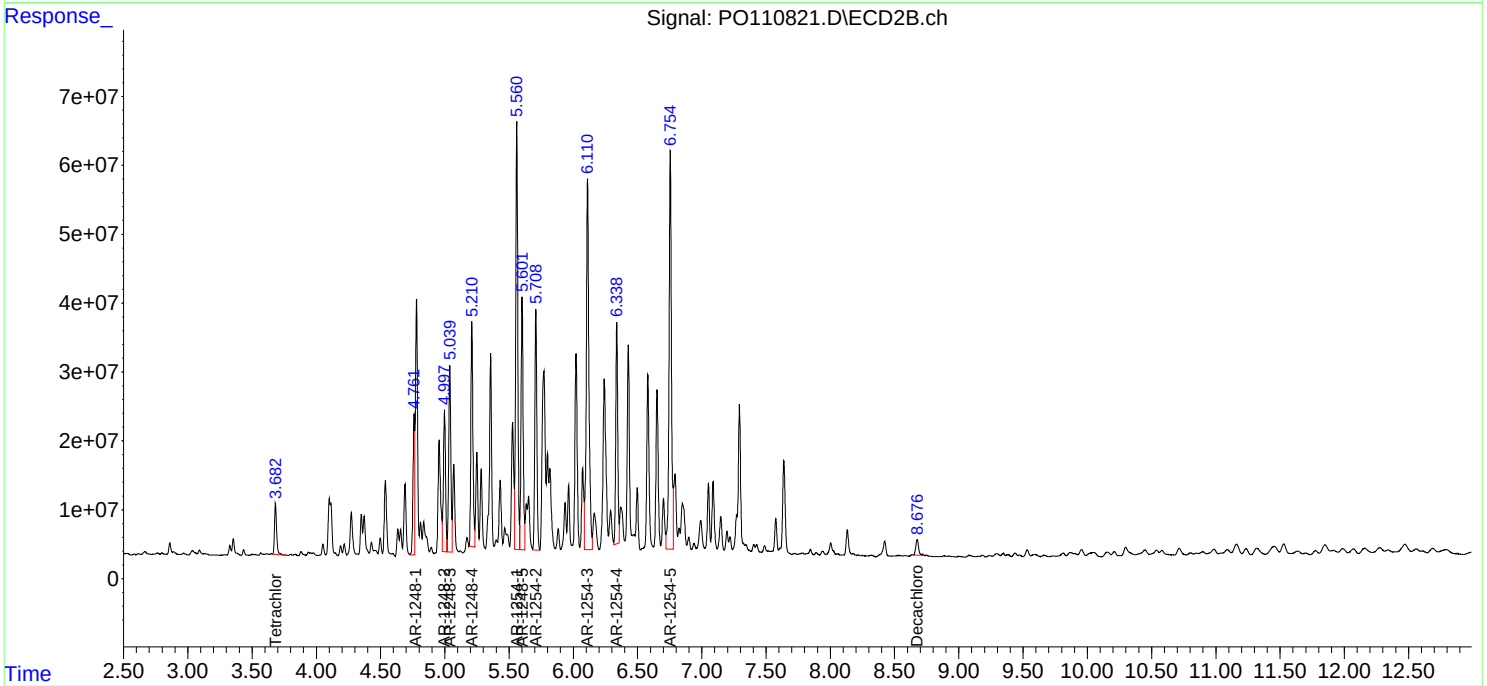
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110821.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 22:42
Operator : YP/AJ
Sample : Q1860-22
Misc :
ALS Vial : 30 Sample Multiplier: 1

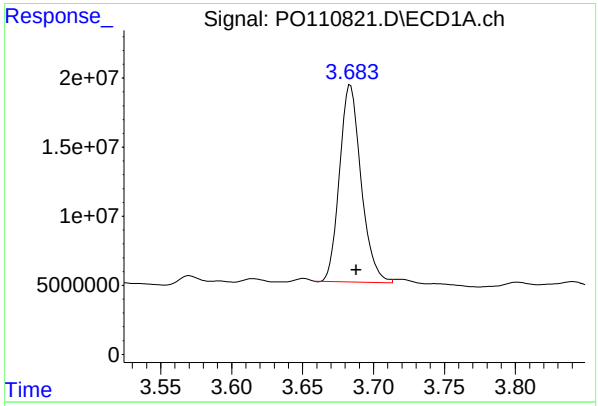
Instrument :
ECD_O
ClientSampleId :
P001-SS017-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:06:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



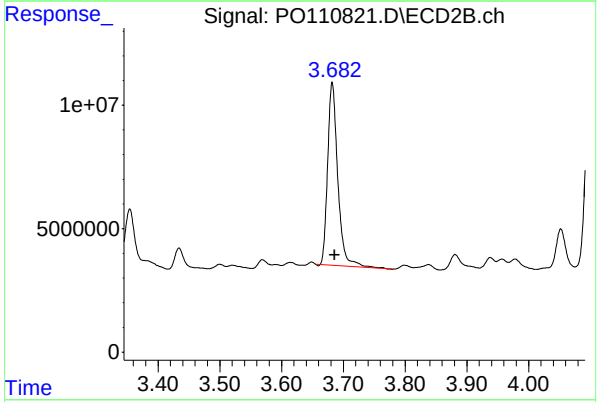




#1 Tetrachloro-m-xylene

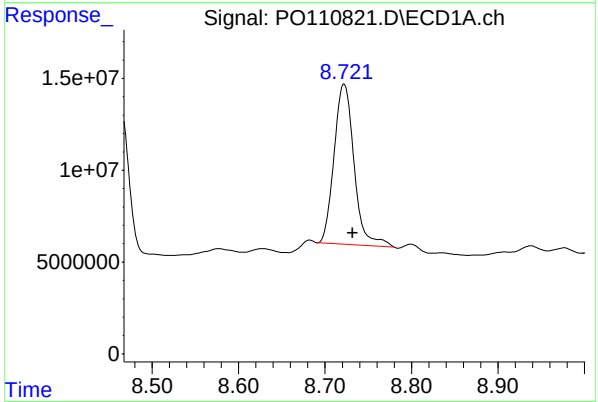
R.T.: 3.684 min
Delta R.T.: -0.004 min
Response: 150881547
Conc: 17.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01



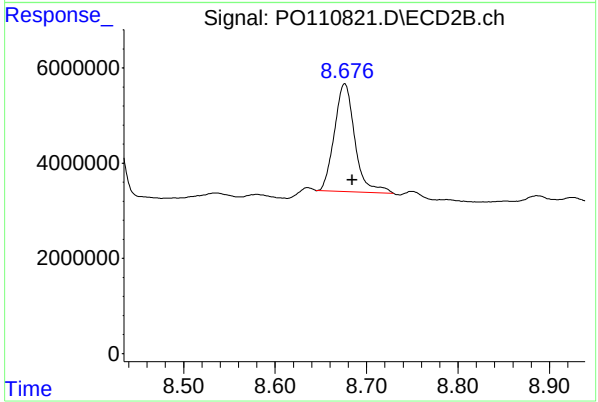
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 84763816
Conc: 16.99 ng/ml



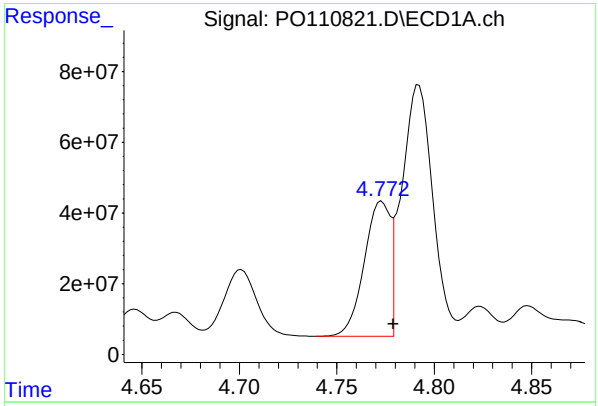
#2 Decachlorobiphenyl

R.T.: 8.722 min
Delta R.T.: -0.010 min
Response: 138976146
Conc: 17.60 ng/ml



#2 Decachlorobiphenyl

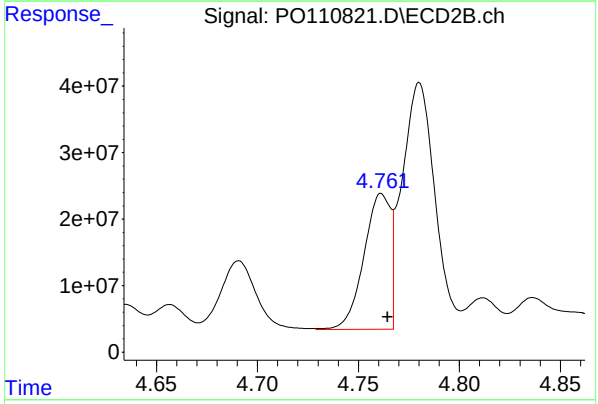
R.T.: 8.676 min
Delta R.T.: -0.008 min
Response: 35320920
Conc: 18.35 ng/ml



#21 AR-1248-1

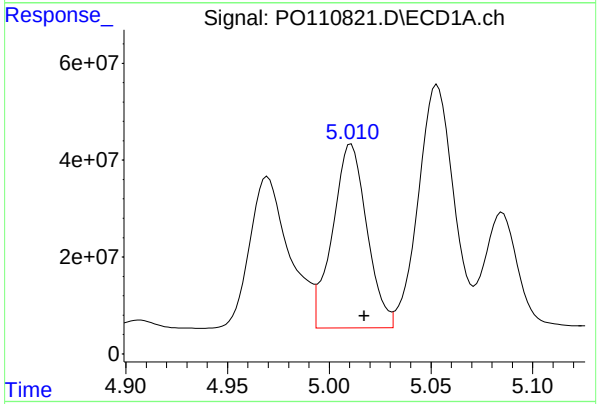
R.T.: 4.773 min
Delta R.T.: -0.006 min
Response: 353177405
Conc: 1659.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01



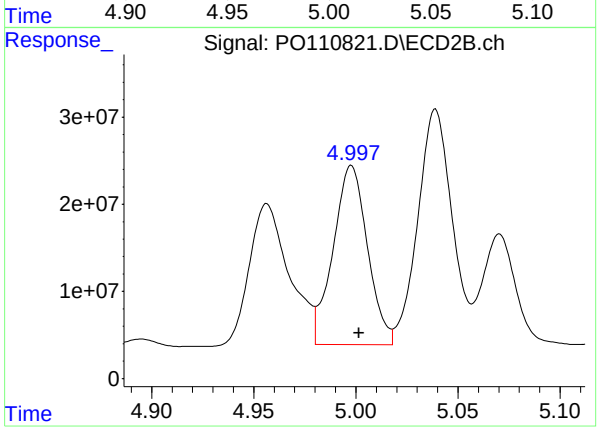
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.003 min
Response: 184904574
Conc: 1606.02 ng/ml



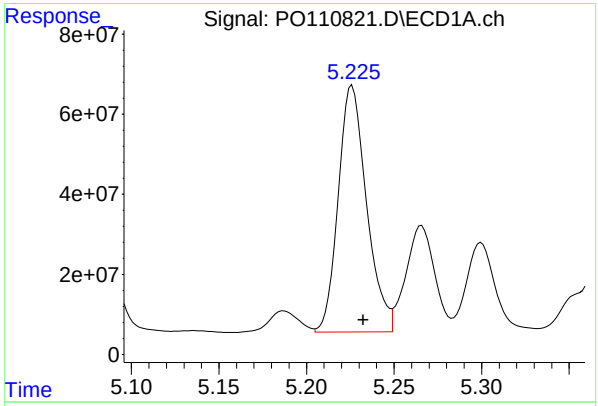
#22 AR-1248-2

R.T.: 5.011 min
Delta R.T.: -0.006 min
Response: 445647593
Conc: 1505.95 ng/ml



#22 AR-1248-2

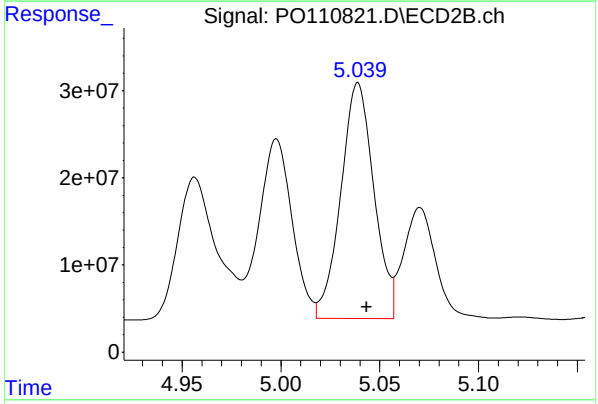
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 240774700
Conc: 1478.21 ng/ml



#23 AR-1248-3

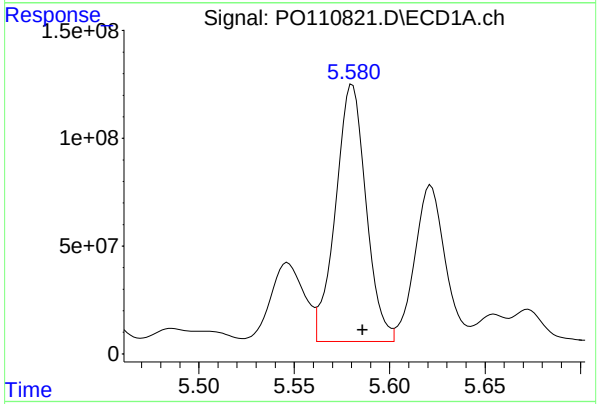
R.T.: 5.226 min
Delta R.T.: -0.006 mi
Response: 693654041
Conc: 1874.94 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01



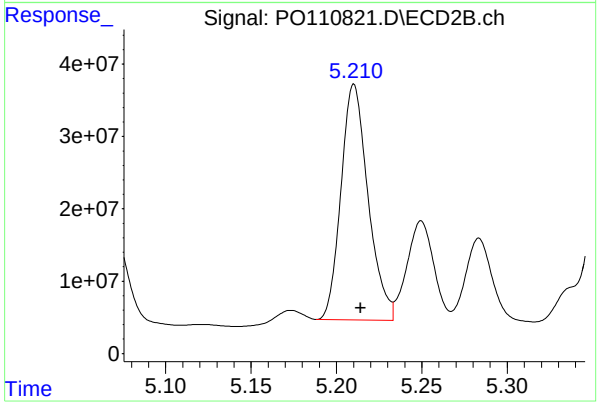
#23 AR-1248-3

R.T.: 5.039 min
Delta R.T.: -0.004 min
Response: 315042694
Conc: 1791.48 ng/ml



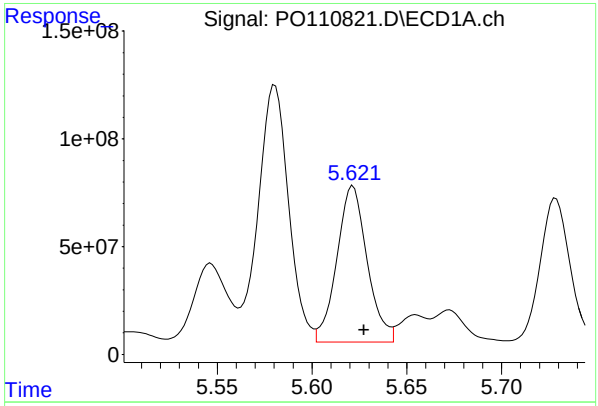
#24 AR-1248-4

R.T.: 5.580 min
Delta R.T.: -0.005 min
Response: 1330618296
Conc: 2558.73 ng/ml



#24 AR-1248-4

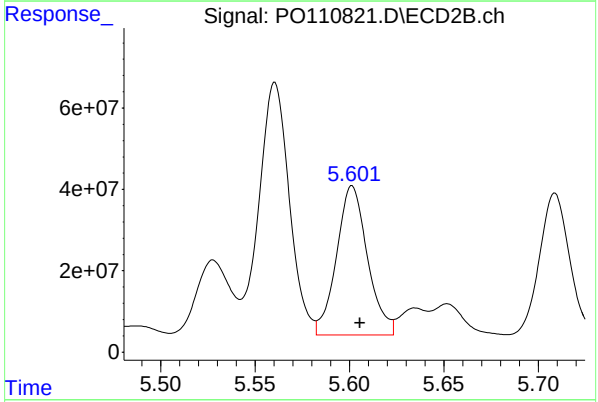
R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 359728355
Conc: 1766.16 ng/ml



#25 AR-1248-5

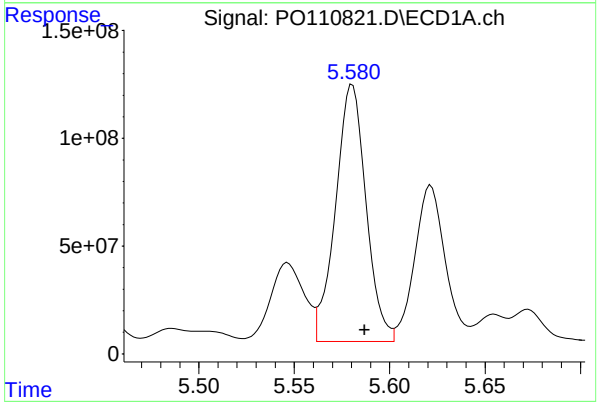
R.T.: 5.622 min
Delta R.T.: -0.006 min
Response: 807107682
Conc: 2184.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01



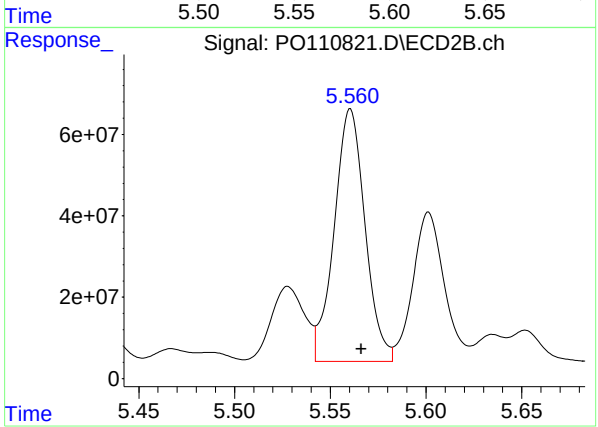
#25 AR-1248-5

R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 419550238
Conc: 2125.43 ng/ml



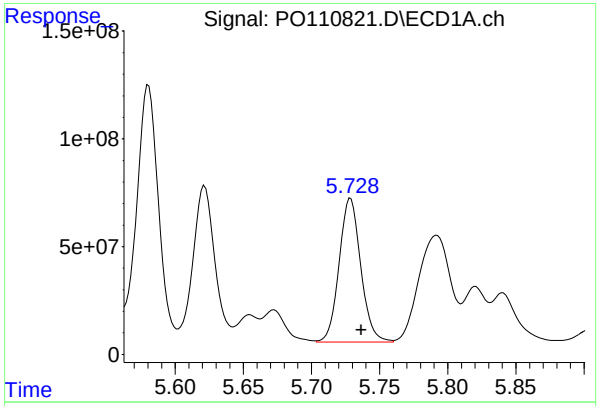
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: -0.007 min
Response: 1330618296
Conc: 2384.67 ng/ml



#26 AR-1254-1

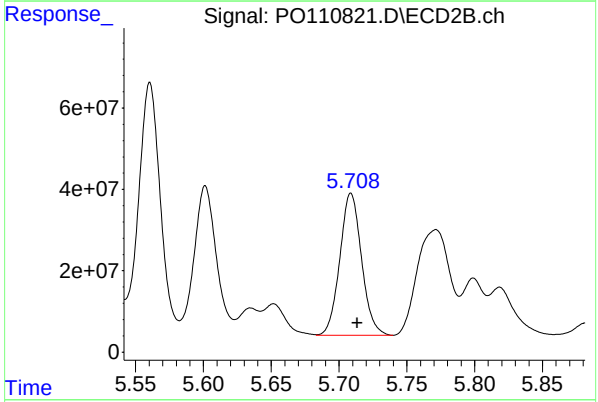
R.T.: 5.561 min
Delta R.T.: -0.006 min
Response: 694229151
Conc: 2302.59 ng/ml



#27 AR-1254-2

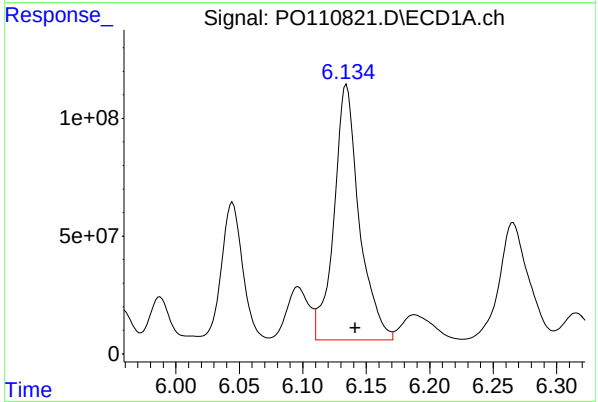
R.T.: 5.729 min
Delta R.T.: -0.008 mi
Response: 736692017
Conc: 1516.76 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01



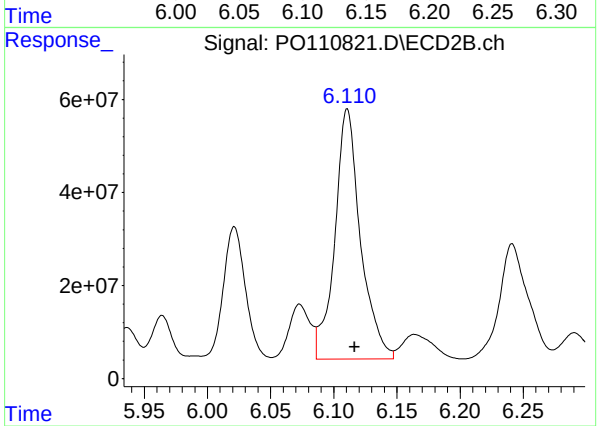
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 389844325
Conc: 1472.86 ng/ml



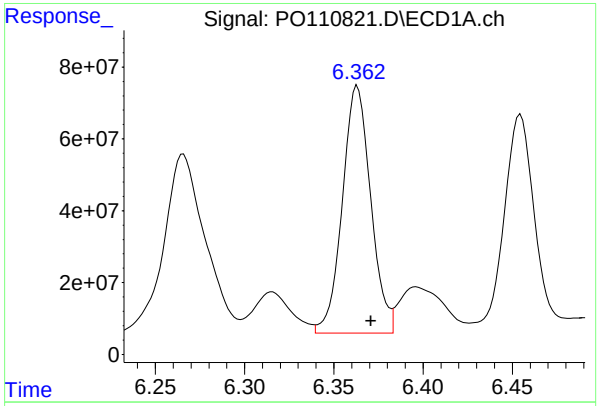
#28 AR-1254-3

R.T.: 6.134 min
Delta R.T.: -0.007 min
Response: 1499696068
Conc: 1914.78 ng/ml



#28 AR-1254-3

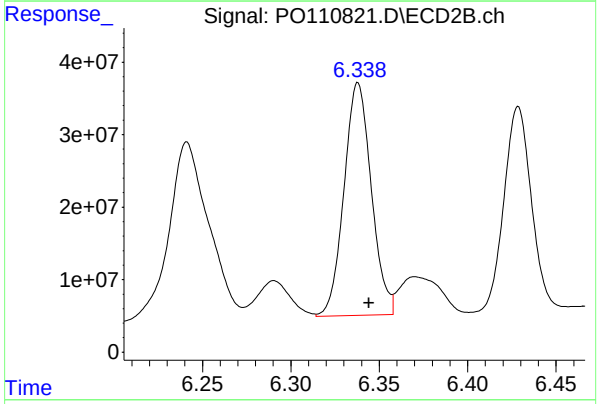
R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 760531953
Conc: 1885.23 ng/ml



#29 AR-1254-4

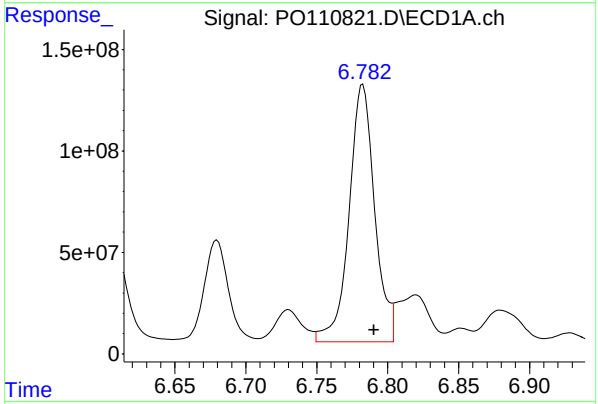
R.T.: 6.363 min
Delta R.T.: -0.008 mi
Response: 762393076
Conc: 1563.55 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01



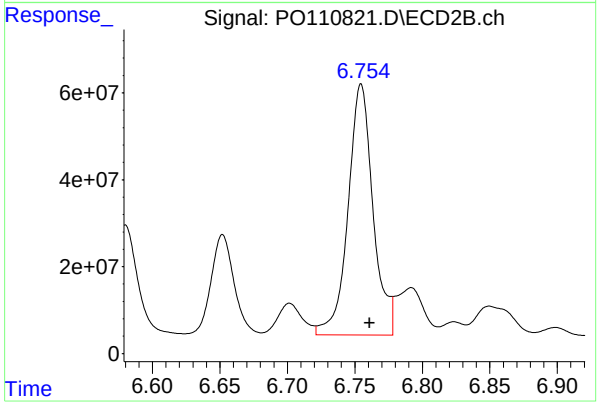
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 345153556
Conc: 1502.54 ng/ml



#30 AR-1254-5

R.T.: 6.782 min
Delta R.T.: -0.008 min
Response: 1591047106
Conc: 2270.01 ng/ml



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 745141112
Conc: 2242.43 ng/ml

Raw Data: **PO110826.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS017-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-22DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84.5 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110826.D	5	04/24/25 08:32	04/29/25 00:12	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	23.3	UD	23.3	100	ug/kg
11104-28-2	Aroclor-1221	23.8	UD	23.8	100	ug/kg
11141-16-5	Aroclor-1232	22.0	UD	22.0	100	ug/kg
53469-21-9	Aroclor-1242	23.7	UD	23.7	100	ug/kg
12672-29-6	Aroclor-1248	749	D	34.9	100	ug/kg
11097-69-1	Aroclor-1254	663	D	18.9	100	ug/kg
37324-23-5	Aroclor-1262	29.6	UD	29.6	100	ug/kg
11100-14-4	Aroclor-1268	21.2	UD	21.2	100	ug/kg
11096-82-5	Aroclor-1260	19.1	UD	19.1	100	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.6		32 - 144	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		32 - 175	77%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110826.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 00:12
Operator : YP/AJ
Sample : Q1860-22DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:08:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.682	27187670	13930935	3.107	2.792
2)	SA Decachlor...	8.724	8.676	22499248	5945959	2.850	3.089
	Target Compounds						
21)	L5 AR-1248-1	4.775	4.761	65457285	34000841	307.548	295.321
22)	L5 AR-1248-2	5.012	4.998	91555626	50212982	309.388	308.277
23)	L5 AR-1248-3	5.227	5.040	149.1E6	58767334	402.974	334.179
24)	L5 AR-1248-4	5.581	5.211	244.3E6	72030129	469.774	353.646
25)	L5 AR-1248-5	5.623	5.601	152.9E6	73539434	413.816	372.548
26)	L6 AR-1254-1	5.581	5.560	244.3E6	120.5E6	437.816	399.614
27)	L6 AR-1254-2	5.731	5.708	150.8E6	72805478	310.441	275.064
28)	L6 AR-1254-3	6.136	6.110	255.9E6	126.6E6	326.720	313.883
29)	L6 AR-1254-4	6.365	6.338	129.7E6	57936332	266.010	252.212
30)	L6 AR-1254-5	6.784	6.754	240.5E6	111.7E6	343.155	336.264

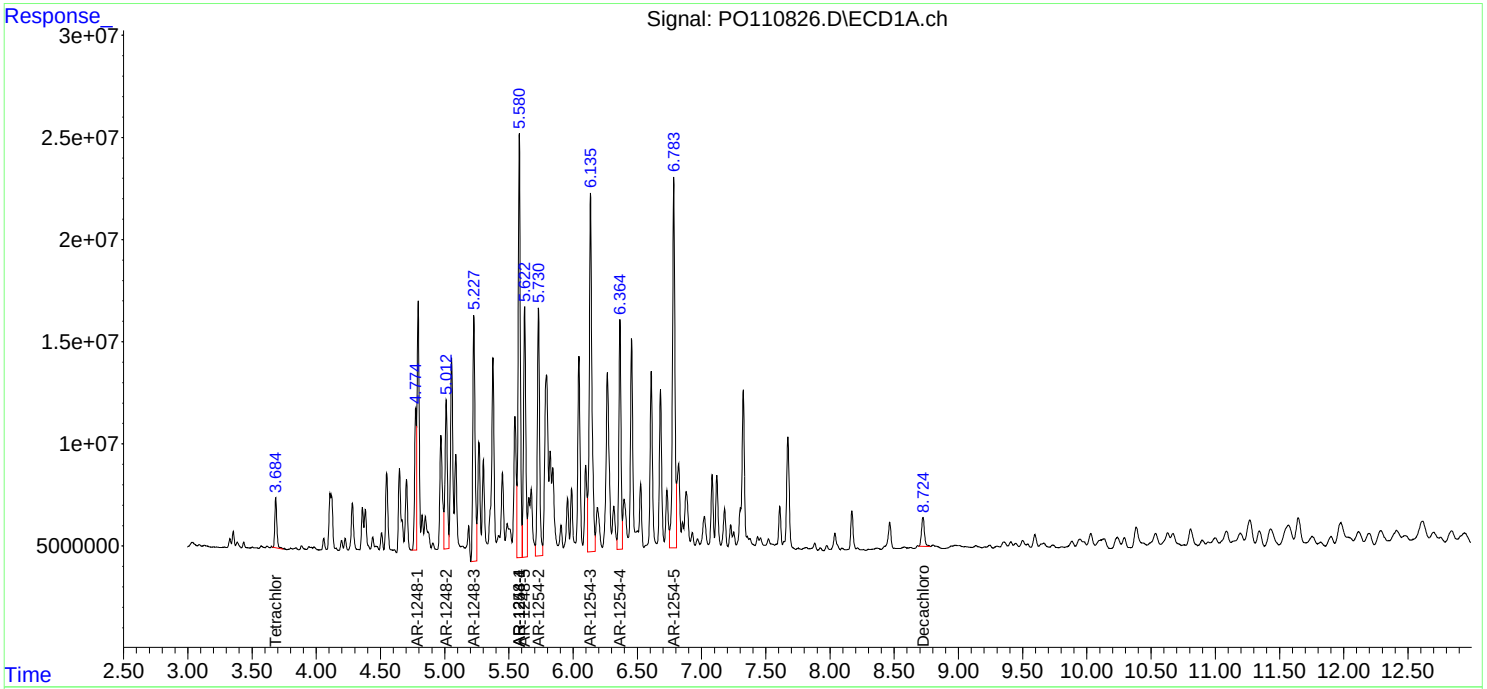
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

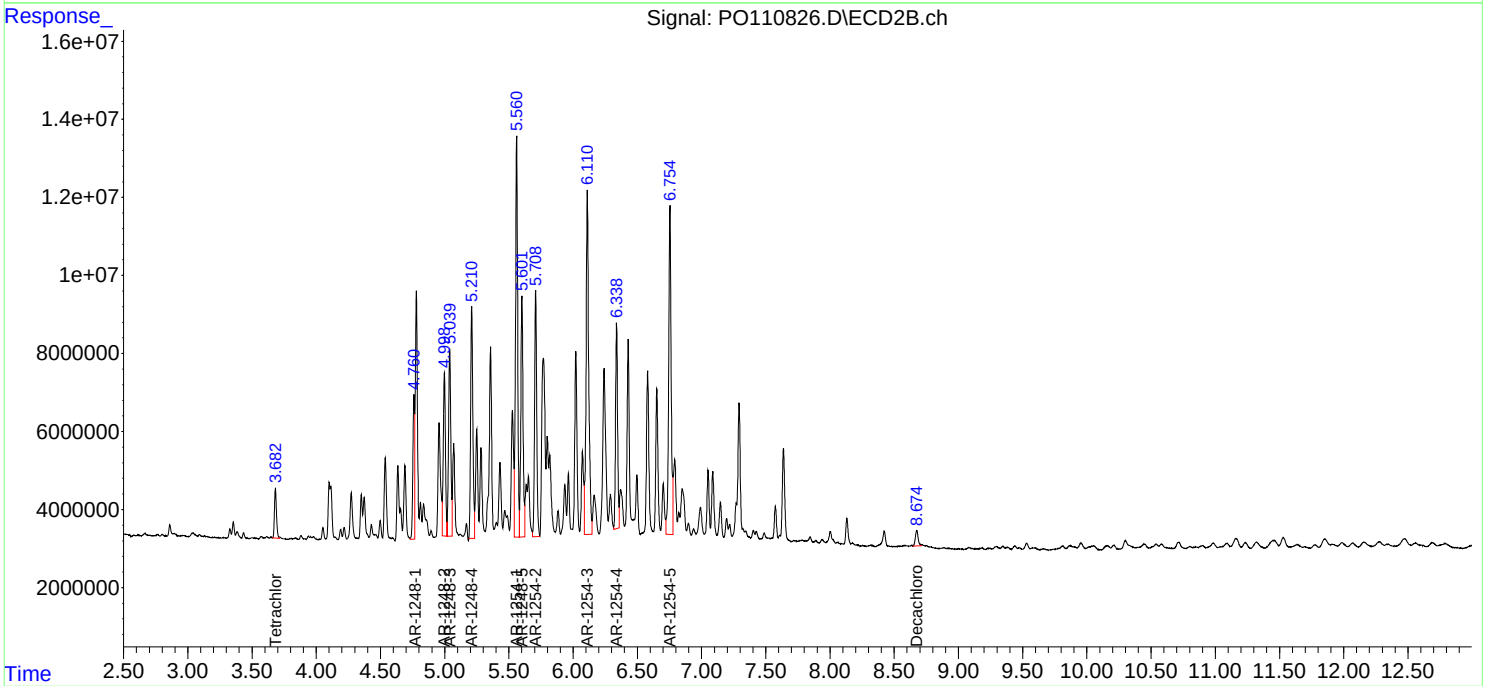
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110826.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 00:12
Operator : YP/AJ
Sample : Q1860-22DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

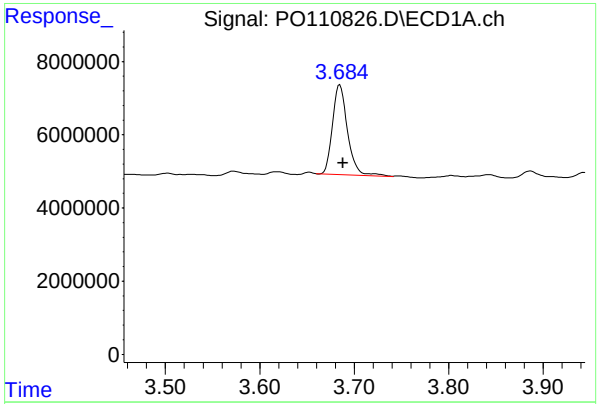
Instrument :
ECD_O
ClientSampleId :
P001-SS017-01DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:08:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



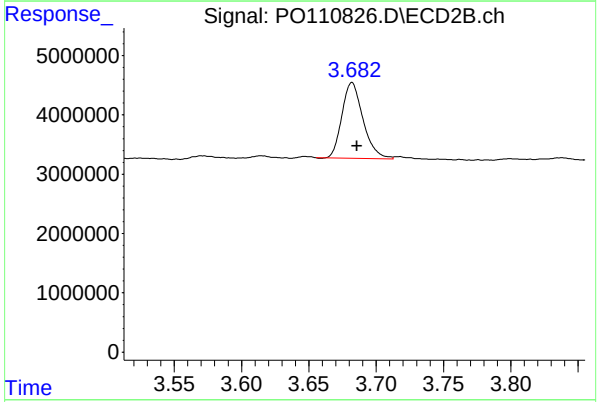




#1 Tetrachloro-m-xylene

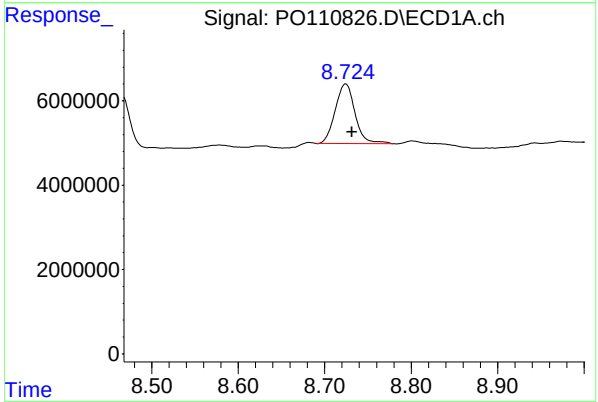
R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 27187670
Conc: 3.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01DL



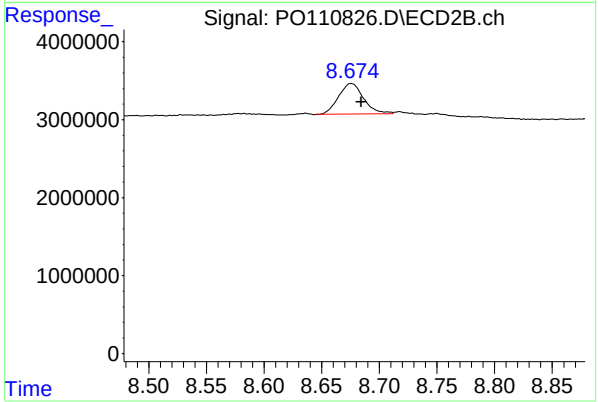
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 13930935
Conc: 2.79 ng/ml



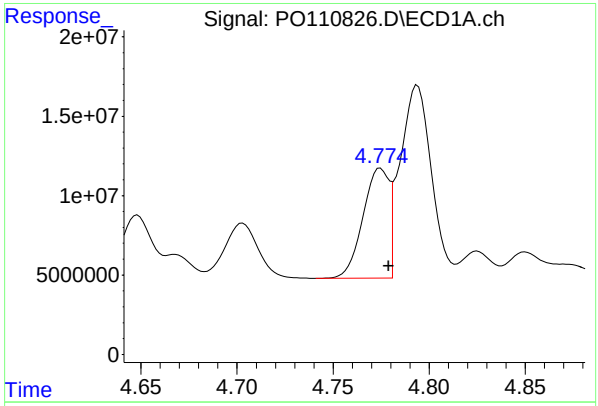
#2 Decachlorobiphenyl

R.T.: 8.724 min
Delta R.T.: -0.007 min
Response: 22499248
Conc: 2.85 ng/ml



#2 Decachlorobiphenyl

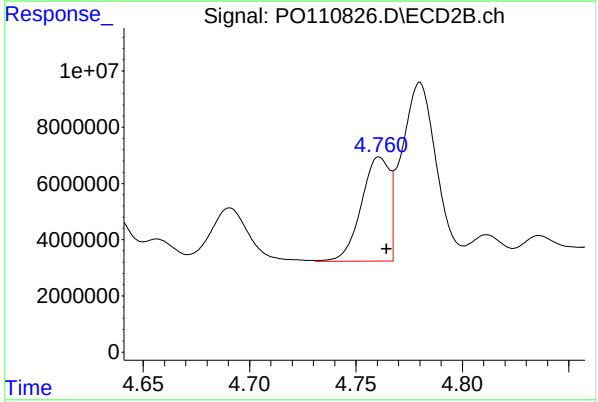
R.T.: 8.676 min
Delta R.T.: -0.009 min
Response: 5945959
Conc: 3.09 ng/ml



#21 AR-1248-1

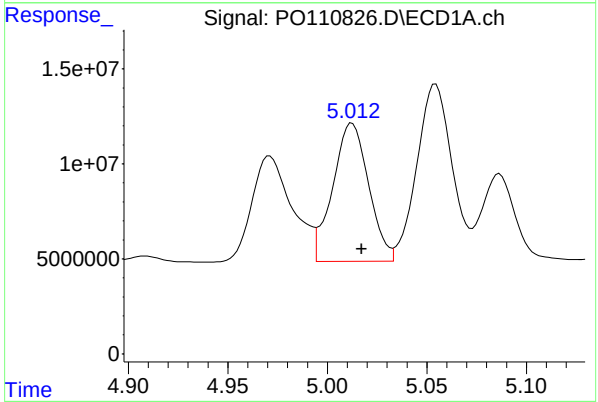
R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 65457285
Conc: 307.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01DL



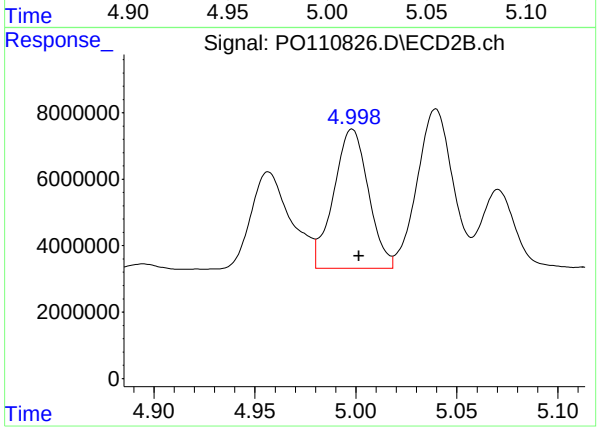
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 34000841
Conc: 295.32 ng/ml



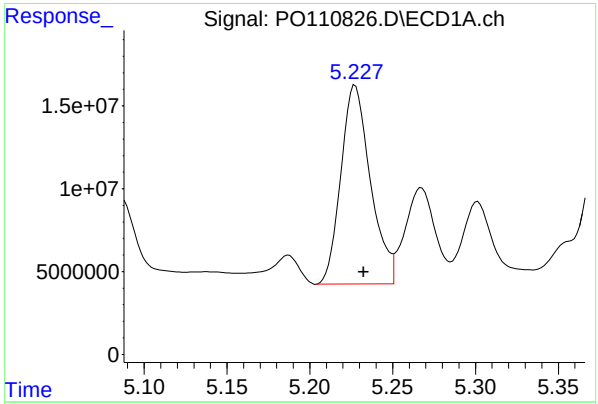
#22 AR-1248-2

R.T.: 5.012 min
Delta R.T.: -0.005 min
Response: 91555626
Conc: 309.39 ng/ml



#22 AR-1248-2

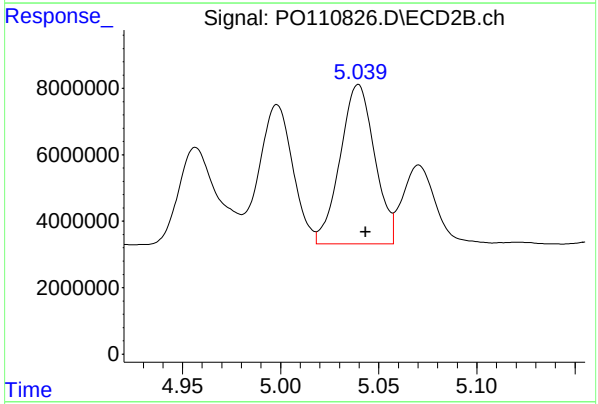
R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 50212982
Conc: 308.28 ng/ml



#23 AR-1248-3

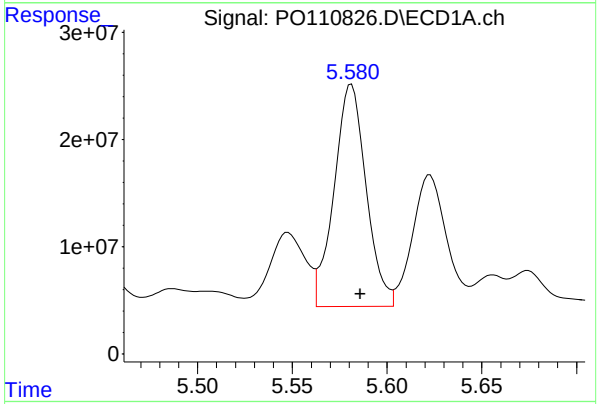
R.T.: 5.227 min
Delta R.T.: -0.005 min
Response: 149084756
Conc: 402.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01DL



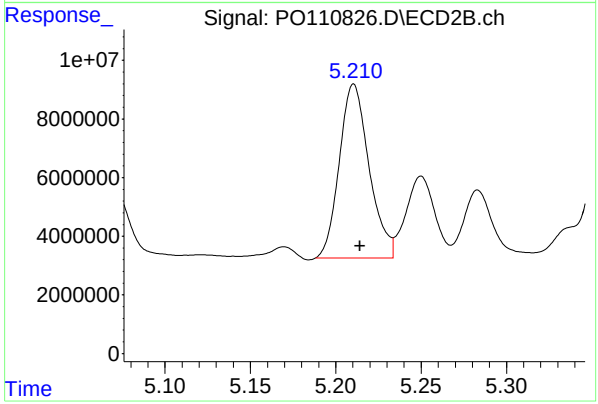
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 58767334
Conc: 334.18 ng/ml



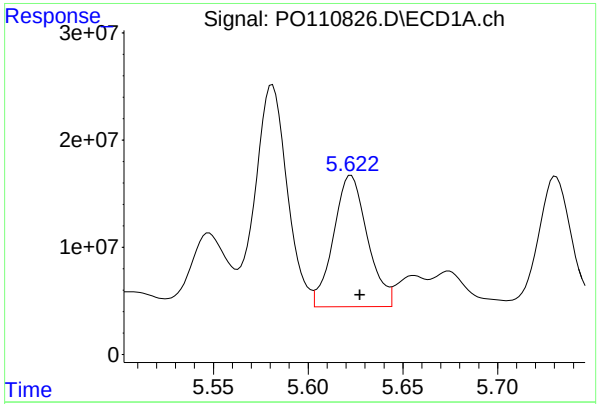
#24 AR-1248-4

R.T.: 5.581 min
Delta R.T.: -0.005 min
Response: 244296752
Conc: 469.77 ng/ml



#24 AR-1248-4

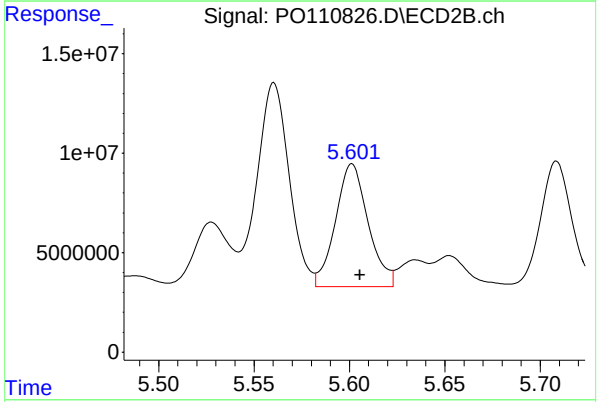
R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 72030129
Conc: 353.65 ng/ml



#25 AR-1248-5

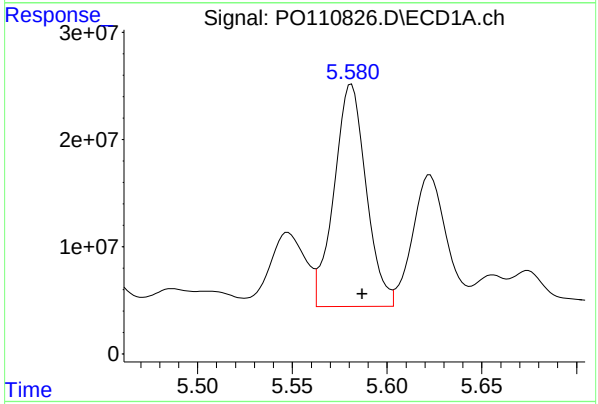
R.T.: 5.623 min
Delta R.T.: -0.005 min
Response: 152874234
Conc: 413.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01DL



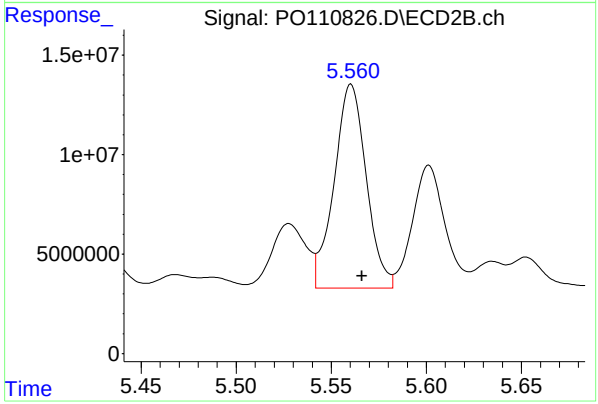
#25 AR-1248-5

R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 73539434
Conc: 372.55 ng/ml



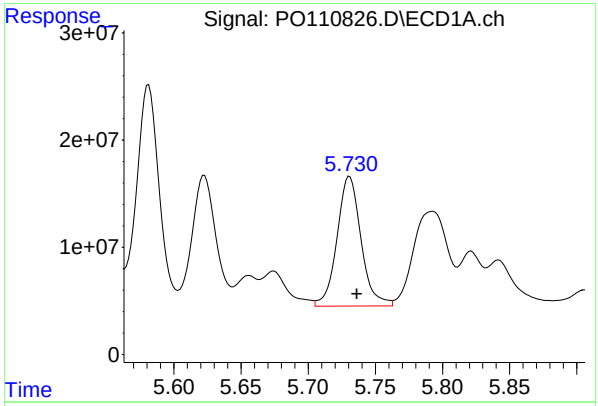
#26 AR-1254-1

R.T.: 5.581 min
Delta R.T.: -0.006 min
Response: 244296752
Conc: 437.82 ng/ml



#26 AR-1254-1

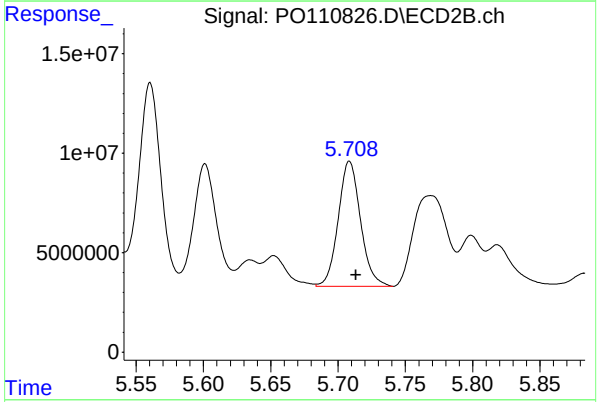
R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 120483407
Conc: 399.61 ng/ml



#27 AR-1254-2

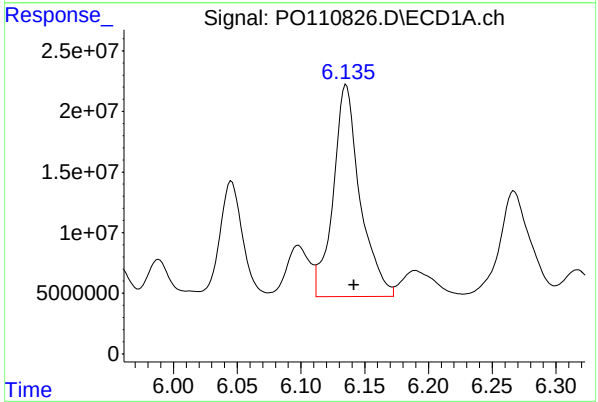
R.T.: 5.731 min
Delta R.T.: -0.006 min
Response: 150781827
Conc: 310.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01DL



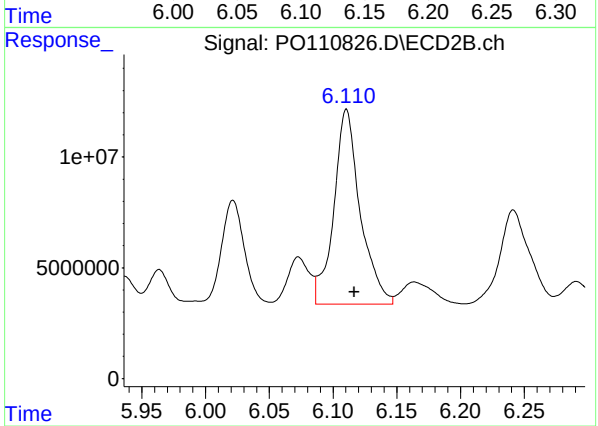
#27 AR-1254-2

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 72805478
Conc: 275.06 ng/ml



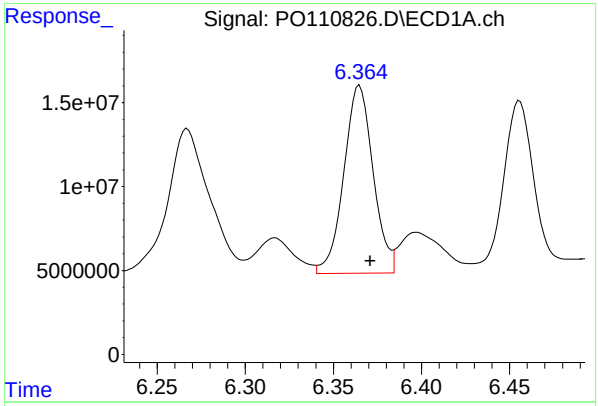
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 255894214
Conc: 326.72 ng/ml



#28 AR-1254-3

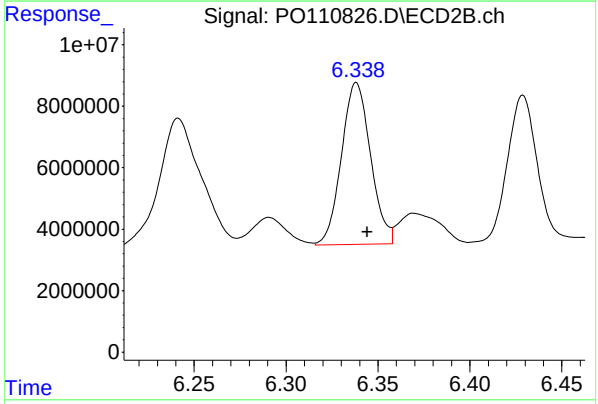
R.T.: 6.110 min
Delta R.T.: -0.006 min
Response: 126625614
Conc: 313.88 ng/ml



#29 AR-1254-4

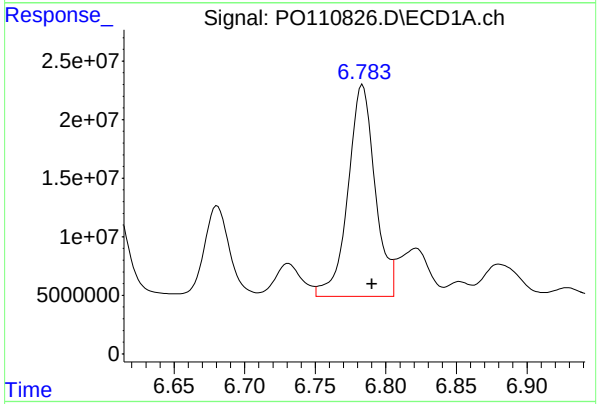
R.T.: 6.365 min
Delta R.T.: -0.006 min
Response: 129707691
Conc: 266.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-01DL



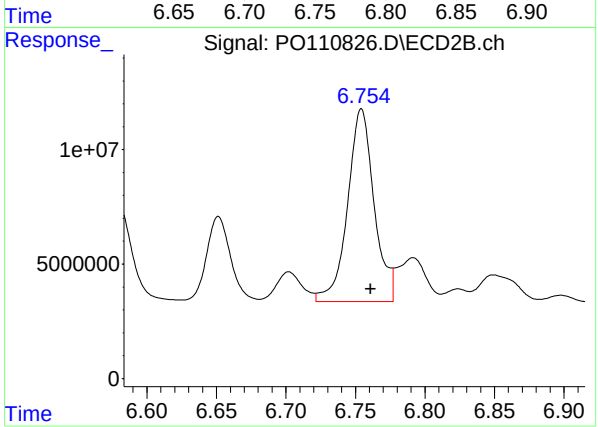
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 57936332
Conc: 252.21 ng/ml



#30 AR-1254-5

R.T.: 6.784 min
Delta R.T.: -0.007 min
Response: 240517640
Conc: 343.16 ng/ml



#30 AR-1254-5

R.T.: 6.754 min
Delta R.T.: -0.007 min
Response: 111737783
Conc: 336.26 ng/ml

Raw Data: **PO110822.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS017-02	SDG No.:	Q1860
Lab Sample ID:	Q1860-23	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	82.6 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110822.D	1	04/24/25 08:32	04/28/25 23:00	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.6	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.6	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.6	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.6	ug/kg
12672-29-6	Aroclor-1248	925	E	7.20	20.6	ug/kg
11097-69-1	Aroclor-1254	631	E	3.90	20.6	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.6	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.6	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		32 - 175	93%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110822.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 23:00
Operator : YP/AJ
Sample : Q1860-23
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:06:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.686	3.683	176.4E6	92922080	20.165	18.622	
2)	SA Decachlor...	8.726	8.677	141.2E6	35666964	17.890	18.528	
	Target Compounds							
21)	L5 AR-1248-1	4.775	4.762	284.2E6	142.7E6	1335.270	1239.862	
22)	L5 AR-1248-2	5.014	4.999	317.5E6	171.3E6	1072.856	1051.687	
23)	L5 AR-1248-3	5.229	5.040	559.1E6	258.4E6	1511.177	1469.346	
24)	L5 AR-1248-4	5.582	5.211	1063.4E6	303.2E6	2044.940	1488.570	#
25)	L5 AR-1248-5	5.637	5.616	2037.3E6	1053.8E6	5514.708	5338.719	
26)	L6 AR-1254-1	5.582	5.562	1063.4E6	545.4E6	1905.829	1808.939	
27)	L6 AR-1254-2	5.731	5.710	722.7E6	300.7E6	1487.848	1135.877	
28)	L6 AR-1254-3	6.136	6.111	1199.5E6	587.0E6	1531.461	1454.962	
29)	L6 AR-1254-4	6.366	6.339	578.4E6	247.9E6	1186.289	1079.121	
30)	L6 AR-1254-5	6.784	6.755	1205.7E6	517.8E6	1720.173	1558.235	

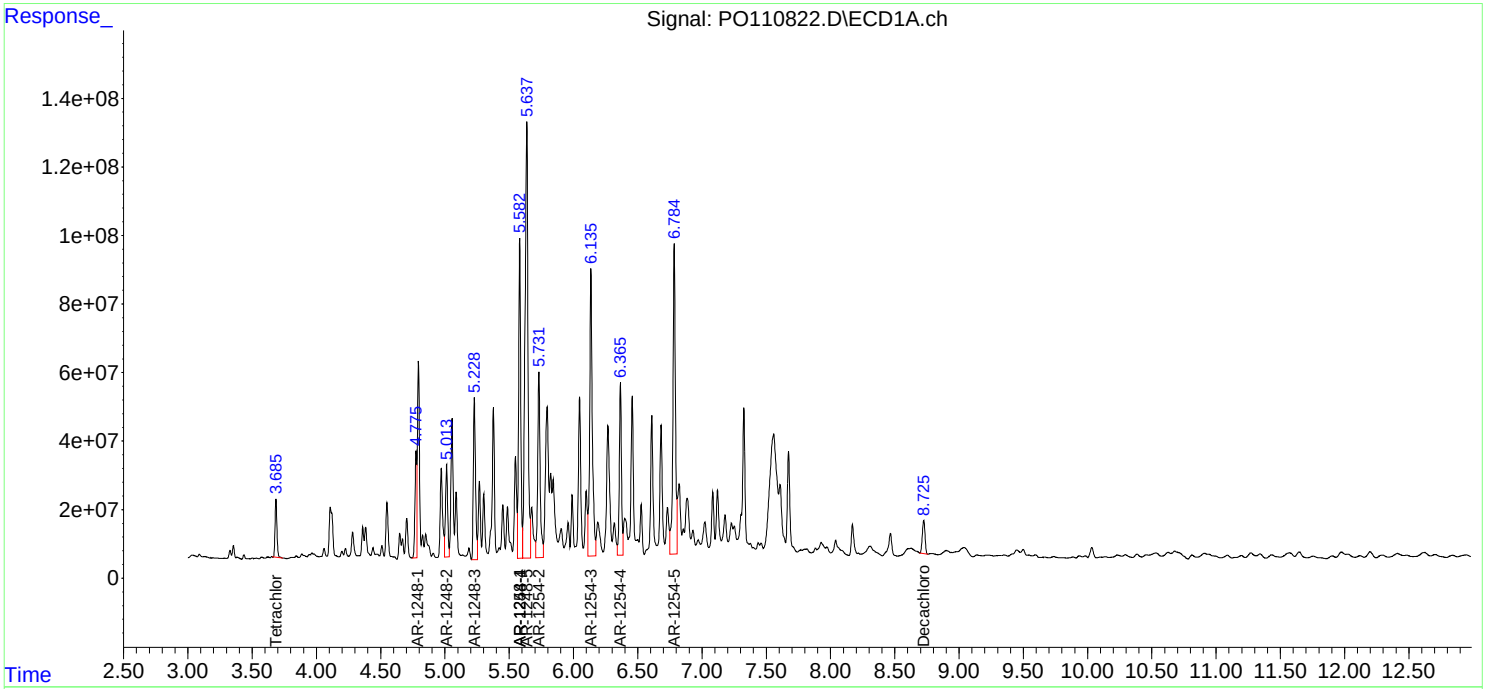
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

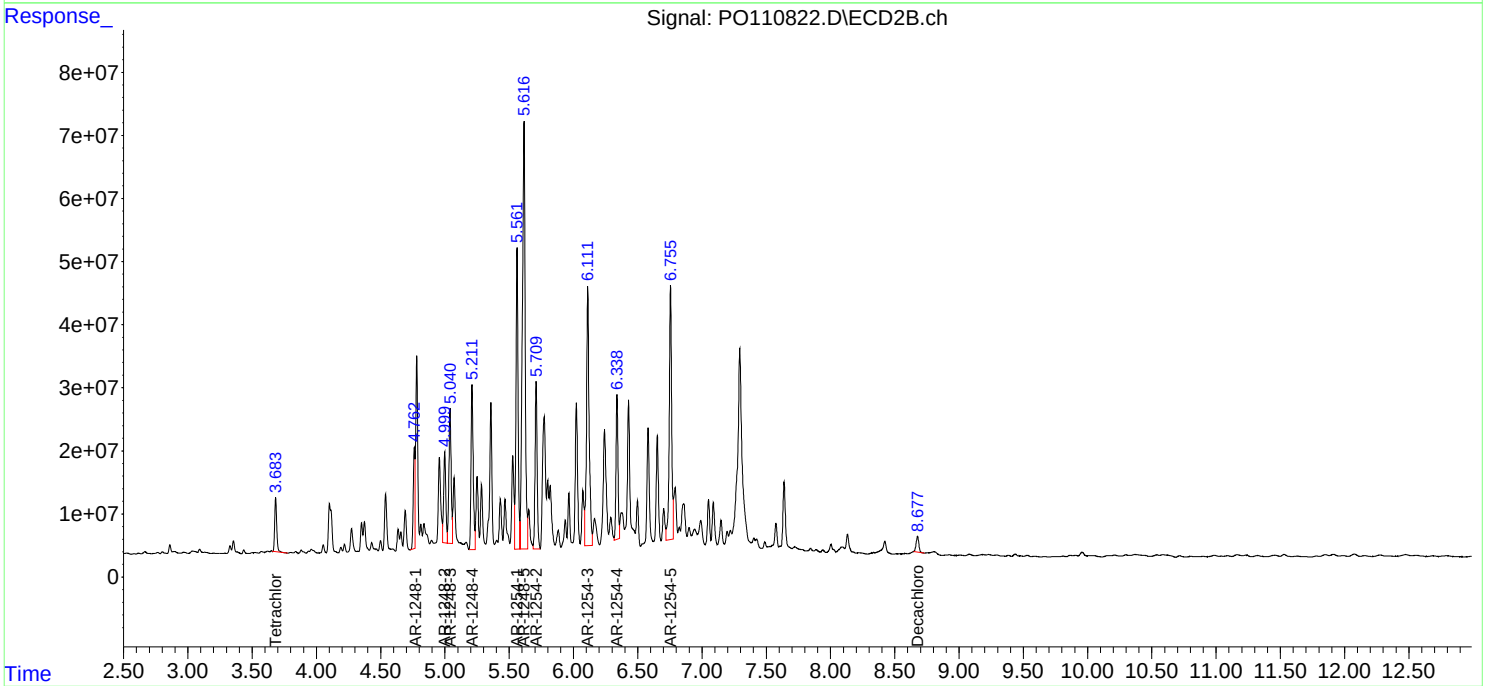
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 23:00
Operator : YP/AJ
Sample : Q1860-23
Misc :
ALS Vial : 31 Sample Multiplier: 1

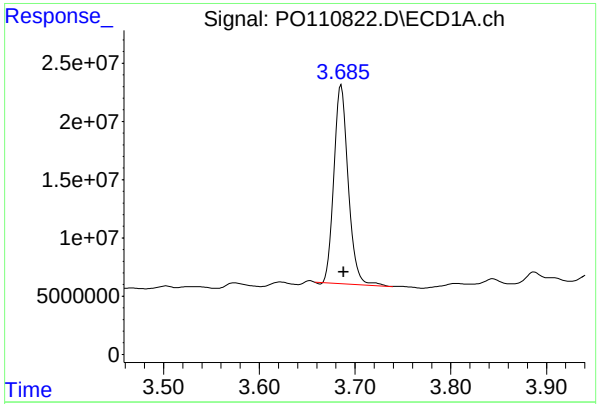
Instrument :
ECD_O
ClientSampleId :
P001-SS017-02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:06:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



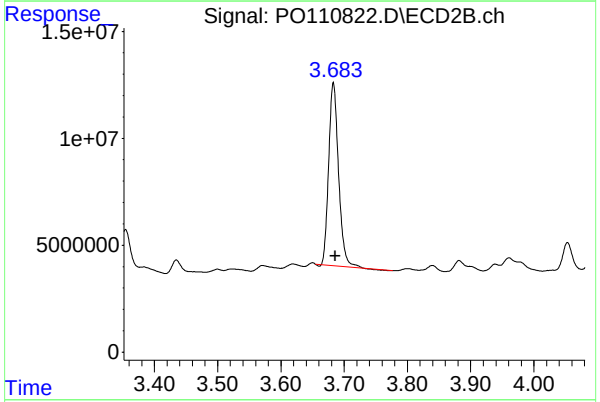




#1 Tetrachloro-m-xylene

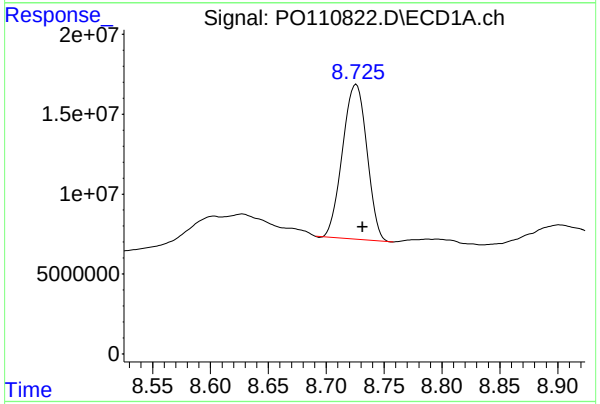
R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 176428252
Conc: 20.17 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02



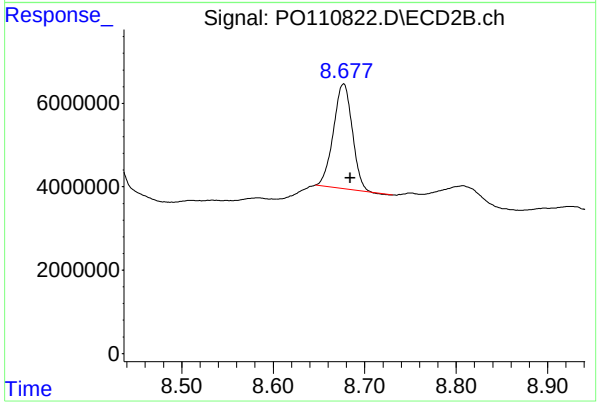
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 92922080
Conc: 18.62 ng/ml



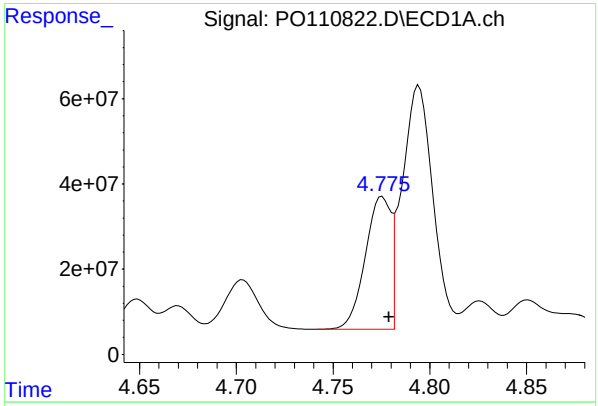
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.006 min
Response: 141244037
Conc: 17.89 ng/ml



#2 Decachlorobiphenyl

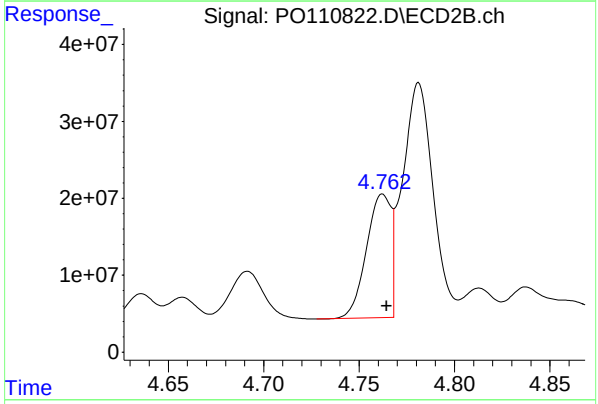
R.T.: 8.677 min
Delta R.T.: -0.007 min
Response: 35666964
Conc: 18.53 ng/ml



#21 AR-1248-1

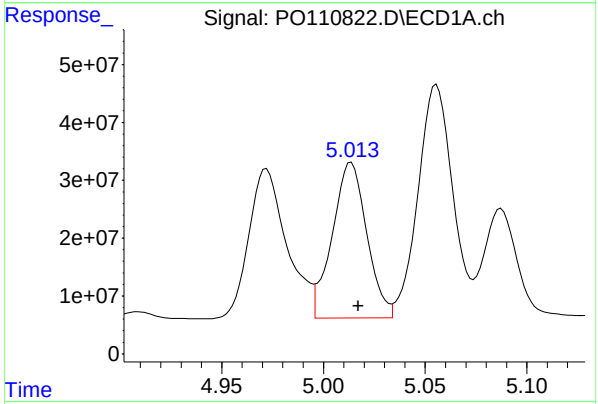
R.T.: 4.775 min
Delta R.T.: -0.003 mi
Response: 284193932
Conc: 1335.27 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02



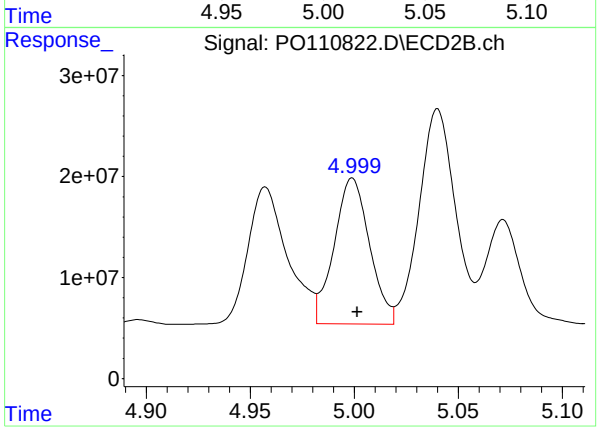
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 142747754
Conc: 1239.86 ng/ml



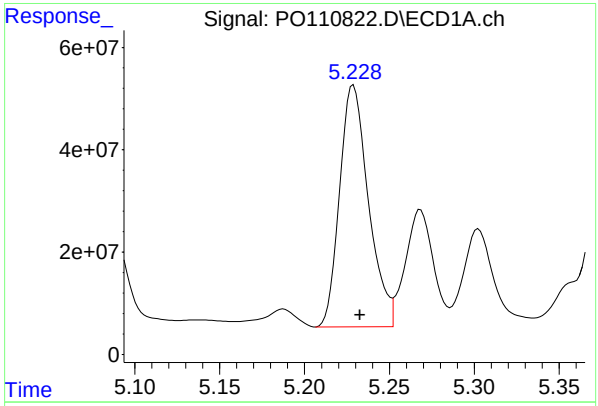
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.004 min
Response: 317485001
Conc: 1072.86 ng/ml



#22 AR-1248-2

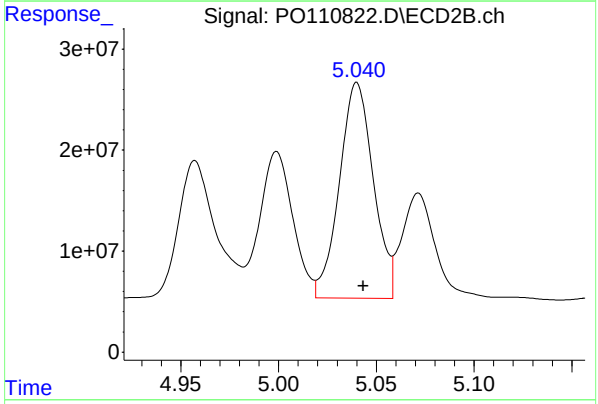
R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 171301551
Conc: 1051.69 ng/ml



#23 AR-1248-3

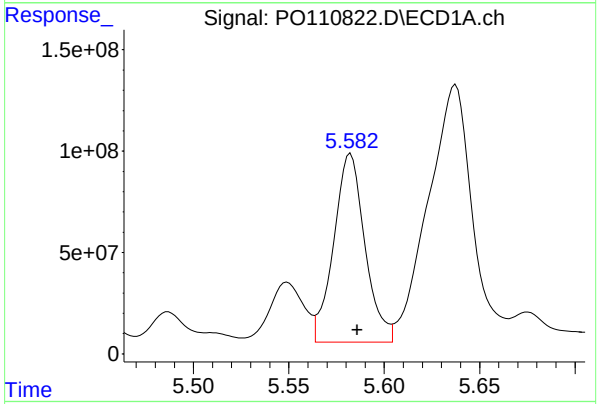
R.T.: 5.229 min
Delta R.T.: -0.004 mi
Response: 559077072
Conc: 1511.18 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02



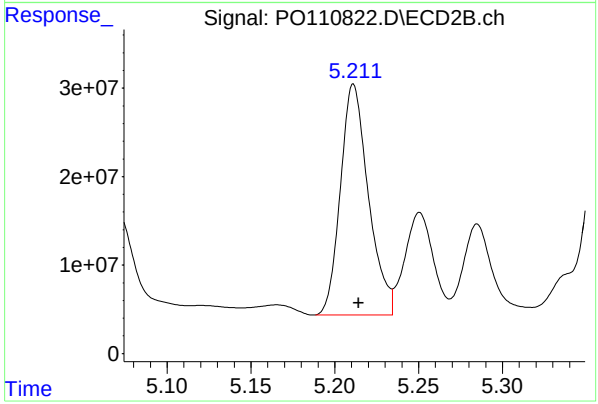
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 258393383
Conc: 1469.35 ng/ml



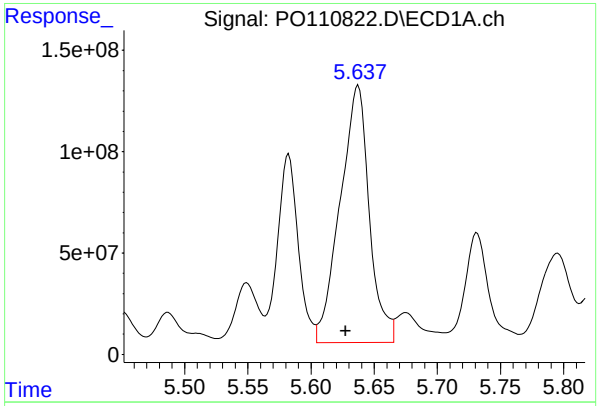
#24 AR-1248-4

R.T.: 5.582 min
Delta R.T.: -0.004 min
Response: 1063432037
Conc: 2044.94 ng/ml



#24 AR-1248-4

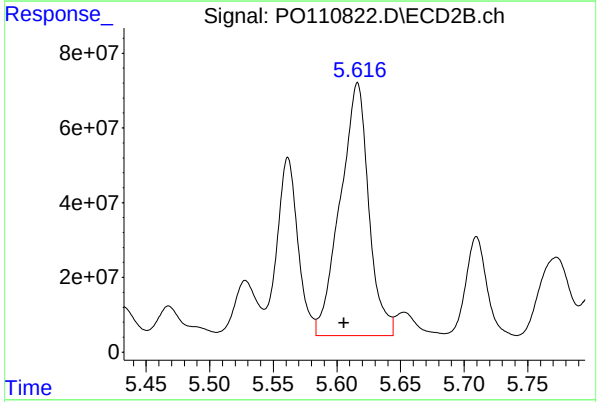
R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 303190030
Conc: 1488.57 ng/ml



#25 AR-1248-5

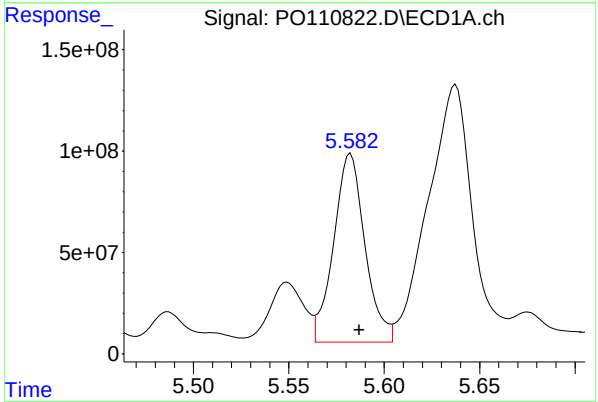
R.T.: 5.637 min
Delta R.T.: 0.010 mi
Response: 2037275329
Conc: 5514.71 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02



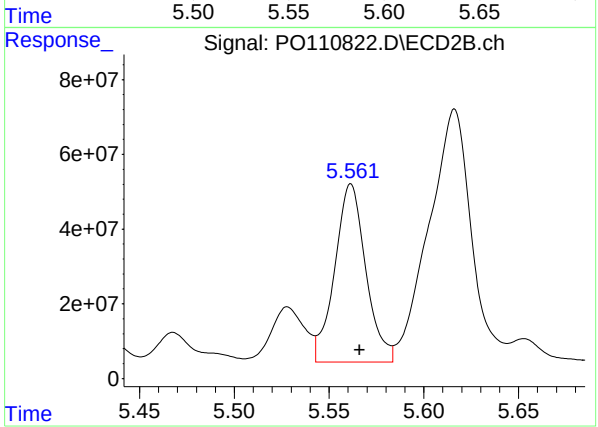
#25 AR-1248-5

R.T.: 5.616 min
Delta R.T.: 0.011 min
Response: 1053840817
Conc: 5338.72 ng/ml



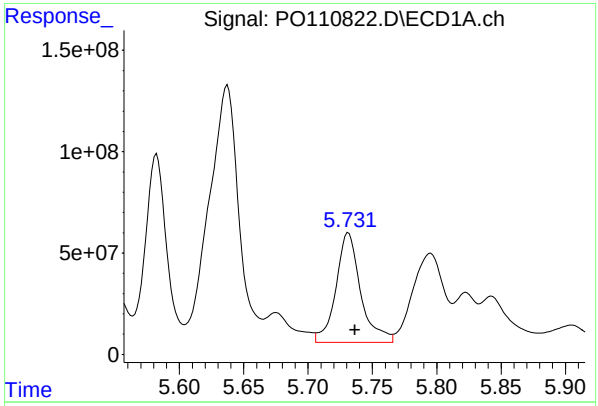
#26 AR-1254-1

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 1063432037
Conc: 1905.83 ng/ml



#26 AR-1254-1

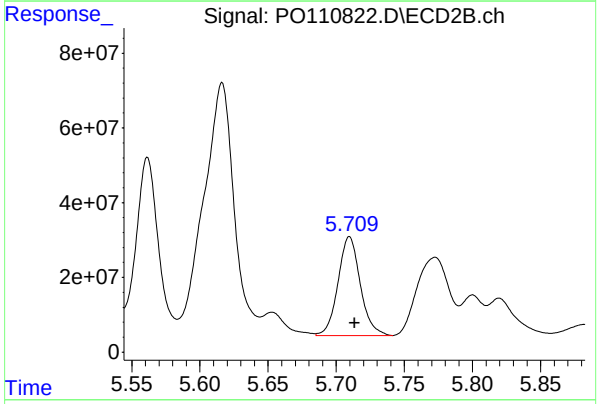
R.T.: 5.562 min
Delta R.T.: -0.005 min
Response: 545393404
Conc: 1808.94 ng/ml



#27 AR-1254-2

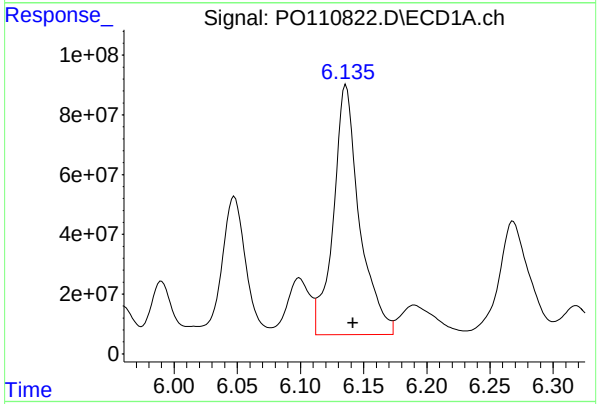
R.T.: 5.731 min
Delta R.T.: -0.005 mi
Response: 722651668
Conc: 1487.85 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02



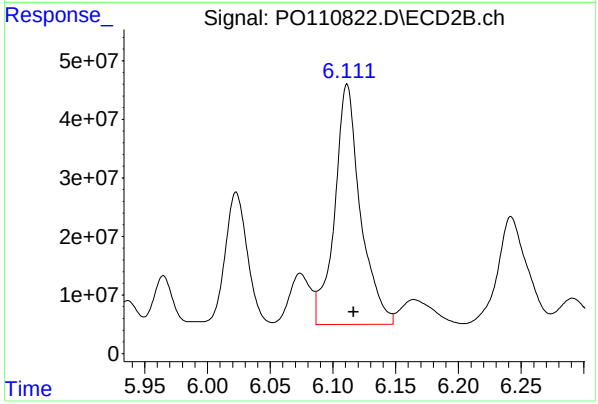
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 300650103
Conc: 1135.88 ng/ml



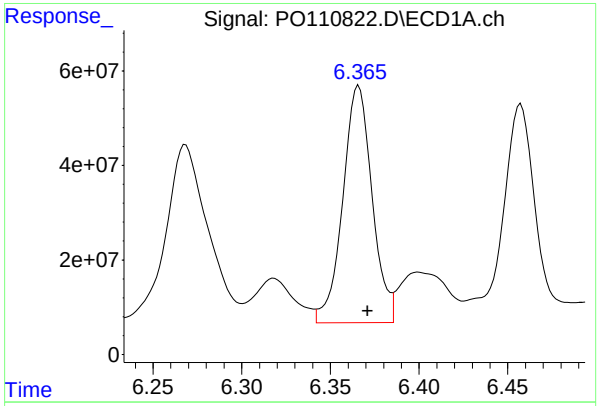
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 1199473763
Conc: 1531.46 ng/ml



#28 AR-1254-3

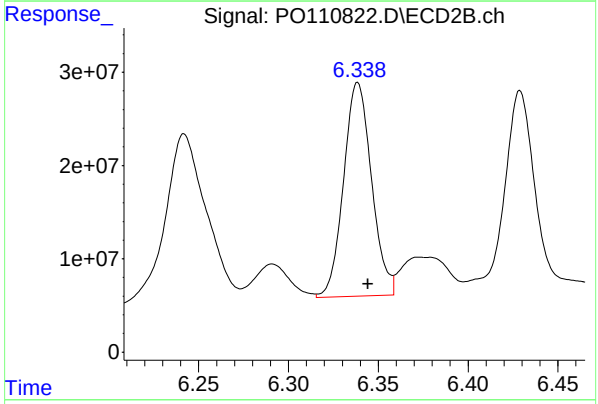
R.T.: 6.111 min
Delta R.T.: -0.005 min
Response: 586955062
Conc: 1454.96 ng/ml



#29 AR-1254-4

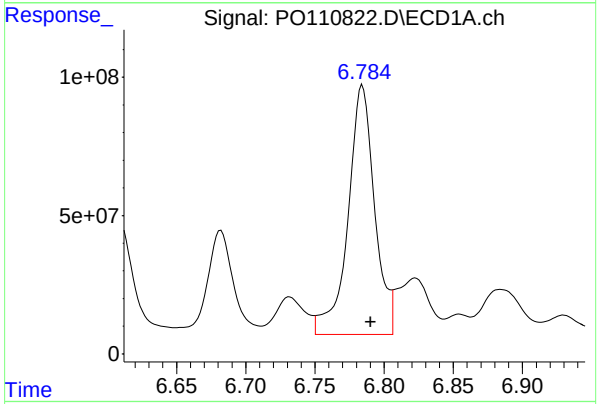
R.T.: 6.366 min
Delta R.T.: -0.005 mi
Response: 578440927
Conc: 1186.29 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02



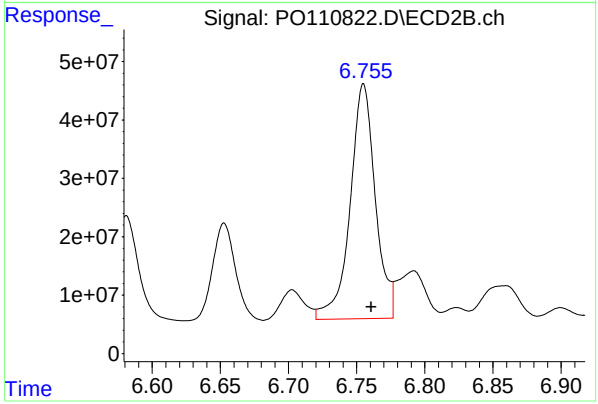
#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.006 min
Response: 247887996
Conc: 1079.12 ng/ml



#30 AR-1254-5

R.T.: 6.784 min
Delta R.T.: -0.006 min
Response: 1205669359
Conc: 1720.17 ng/ml



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 517788706
Conc: 1558.24 ng/ml

Raw Data: **PO110827.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS017-02DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-23DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	82.6 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110827.D	5	04/24/25 08:32	04/29/25 00:31	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	23.9	UD	23.9	103	ug/kg
11104-28-2	Aroclor-1221	24.4	UD	24.4	103	ug/kg
11141-16-5	Aroclor-1232	22.5	UD	22.5	103	ug/kg
53469-21-9	Aroclor-1242	24.2	UD	24.2	103	ug/kg
12672-29-6	Aroclor-1248	878	D	35.8	103	ug/kg
11097-69-1	Aroclor-1254	525	D	19.4	103	ug/kg
37324-23-5	Aroclor-1262	30.3	UD	30.3	103	ug/kg
11100-14-4	Aroclor-1268	21.8	UD	21.8	103	ug/kg
11096-82-5	Aroclor-1260	19.5	UD	19.5	103	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		32 - 144	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		32 - 175	90%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110827.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 00:31
Operator : YP/AJ
Sample : Q1860-23DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 06:08:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.682	31315438	16664205	3.579	3.340
2)	SA Decachlor...	8.725	8.677	24486004	6912291	3.101	3.591
	Target Compounds						
21)	L5 AR-1248-1	4.775	4.762	53858889	27514349	253.053	238.981
22)	L5 AR-1248-2	5.014	4.999	67340424	37154136	227.559	228.104
23)	L5 AR-1248-3	5.228	5.040	105.4E6	49291444	285.023m	280.294
24)	L5 AR-1248-4	5.582	5.210	207.8E6	53041860	399.648	260.419m#
25)	L5 AR-1248-5	5.637	5.616	374.5E6	179.7E6	1013.833	910.294
26)	L6 AR-1254-1	5.582	5.561	181.5E6	99839031	325.335m	331.142
27)	L6 AR-1254-2	5.731	5.709	126.1E6	60118762	259.653m	227.133
28)	L6 AR-1254-3	6.136	6.111	196.4E6	102.0E6	250.789m	252.870
29)	L6 AR-1254-4	6.365	6.339	96609712	43502611	198.131m	189.378
30)	L6 AR-1254-5	6.785	6.755	187.9E6	80891242	268.118	243.434

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110827.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 00:31
Operator : YP/AJ
Sample : Q1860-23DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

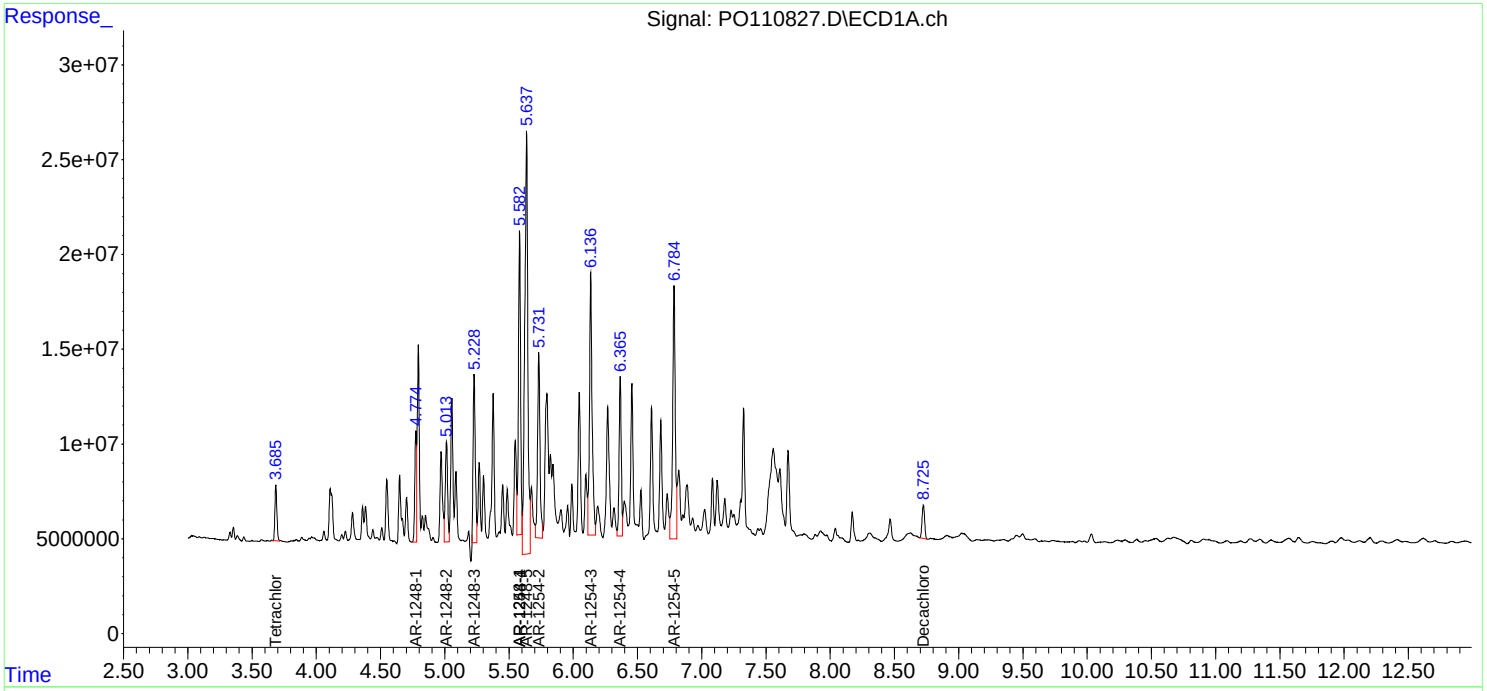
Instrument :
ECD_O
ClientSampleId :
P001-SS017-02DL

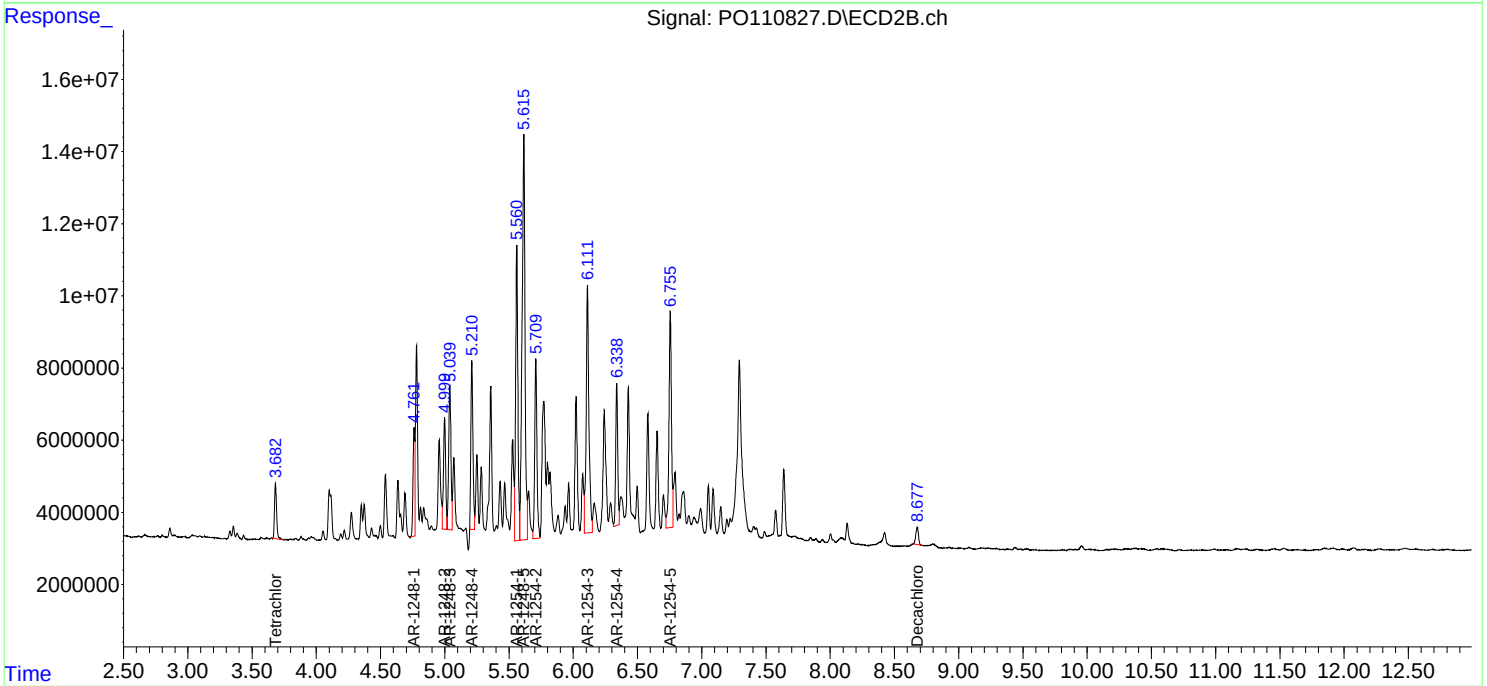
Manual Integrations APPROVED

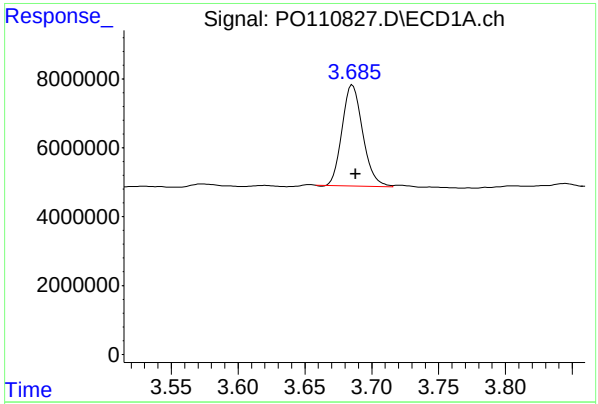
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 06:08:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







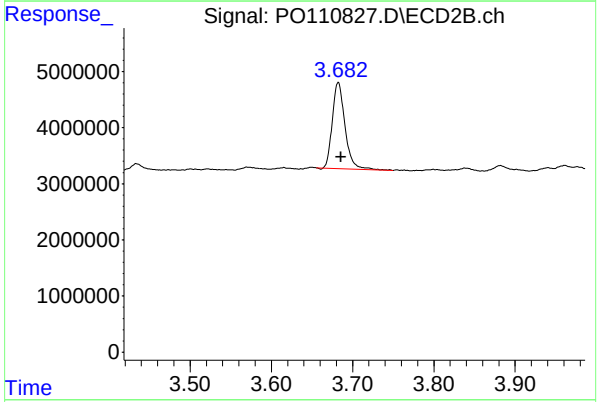
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 31315438
Conc: 3.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02DL

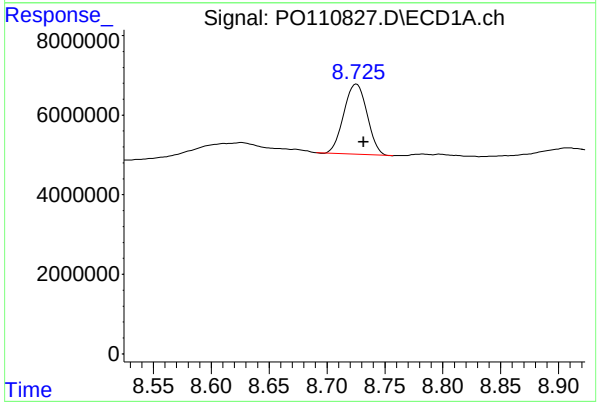
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



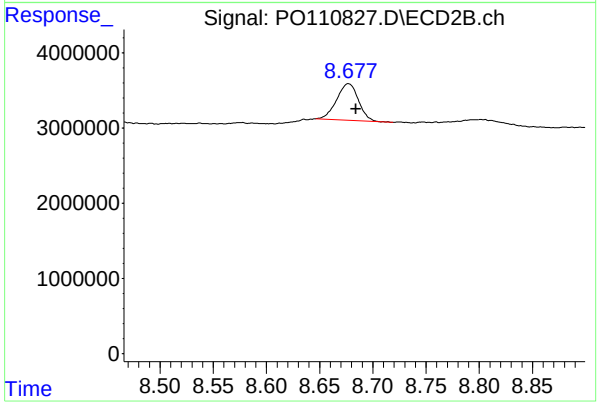
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.003 min
Response: 16664205
Conc: 3.34 ng/ml



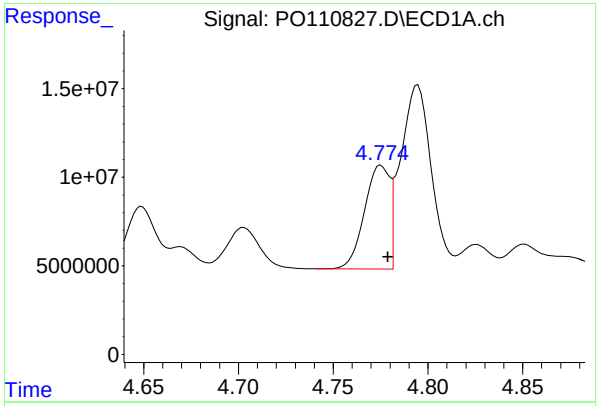
#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.006 min
Response: 24486004
Conc: 3.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.007 min
Response: 6912291
Conc: 3.59 ng/ml



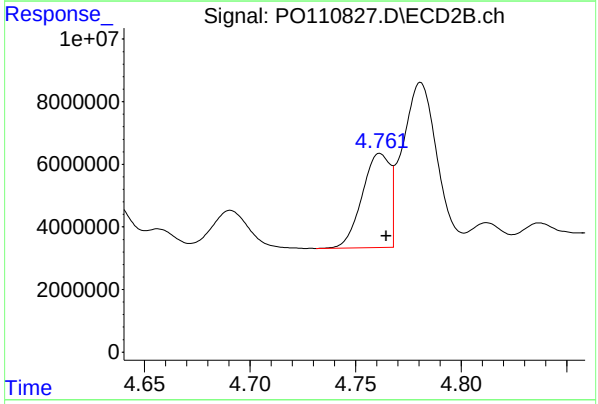
#21 AR-1248-1

R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 53858889
Conc: 253.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02DL

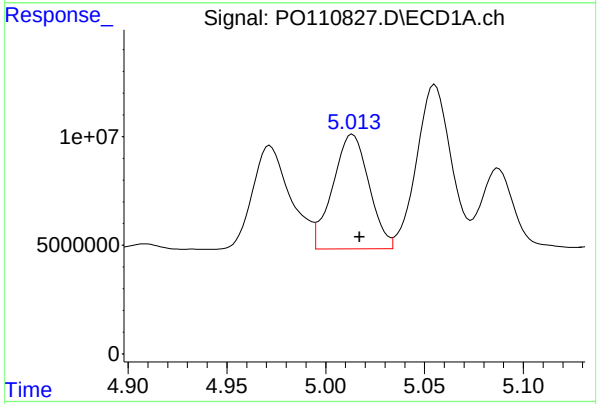
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



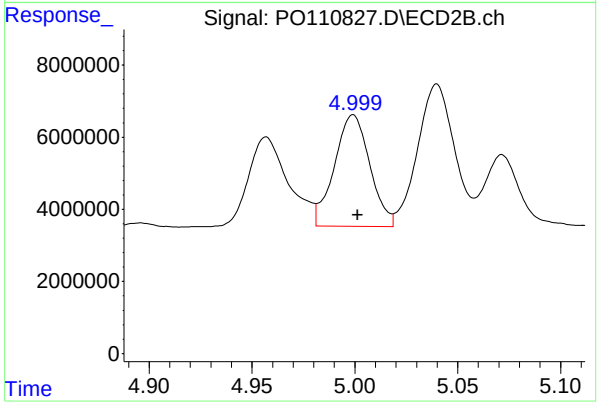
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 27514349
Conc: 238.98 ng/ml



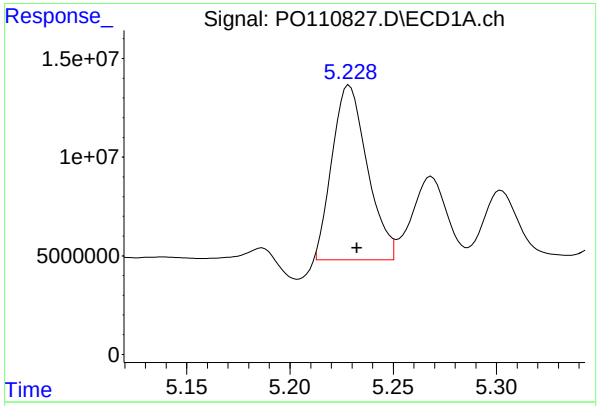
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.004 min
Response: 67340424
Conc: 227.56 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 37154136
Conc: 228.10 ng/ml



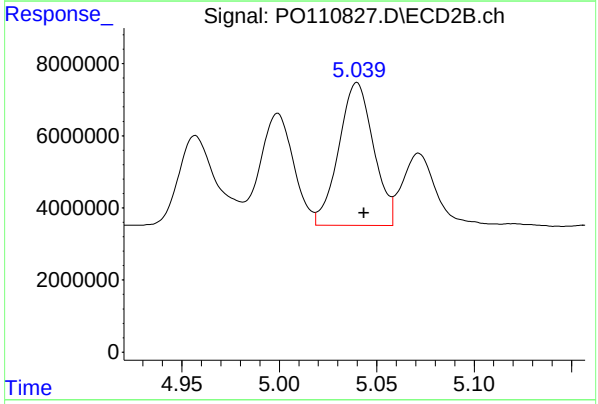
#23 AR-1248-3

R.T.: 5.228 min
Delta R.T.: -0.005 mi
Response: 105447418
Conc: 285.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02DL

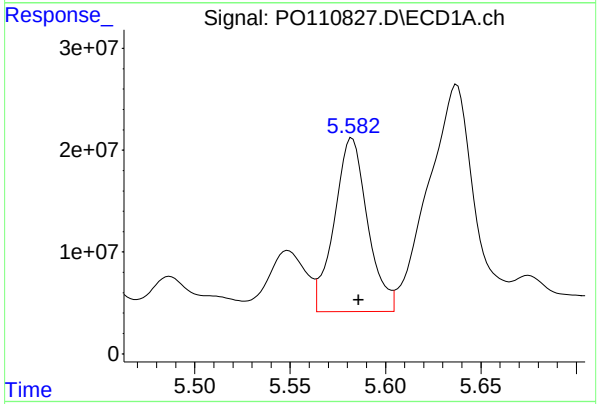
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



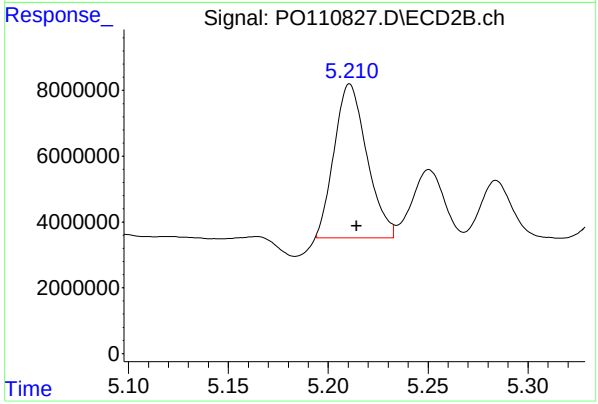
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 49291444
Conc: 280.29 ng/ml



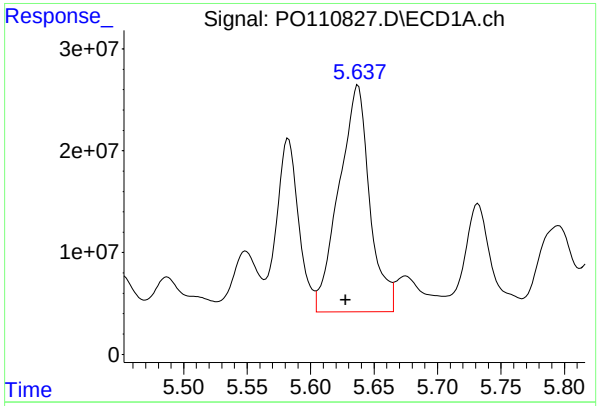
#24 AR-1248-4

R.T.: 5.582 min
Delta R.T.: -0.003 min
Response: 207829061
Conc: 399.65 ng/ml



#24 AR-1248-4

R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 53041860
Conc: 260.42 ng/ml m



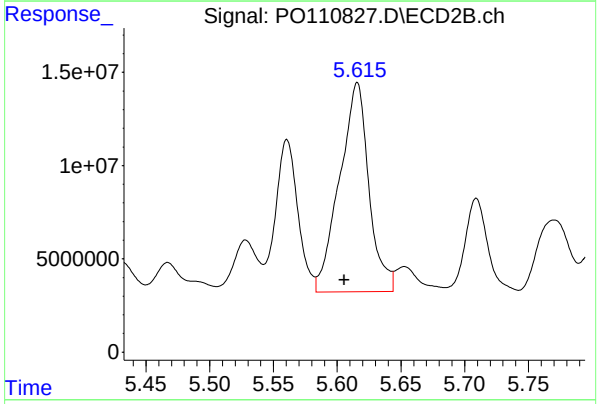
#25 AR-1248-5

R.T.: 5.637 min
Delta R.T.: 0.010 mi
Response: 374536026
Conc: 1013.83 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02DL

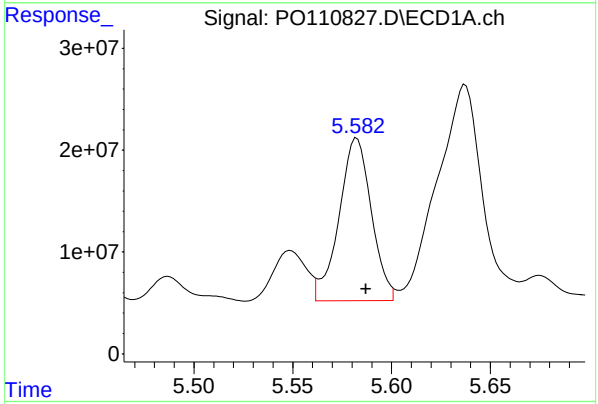
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



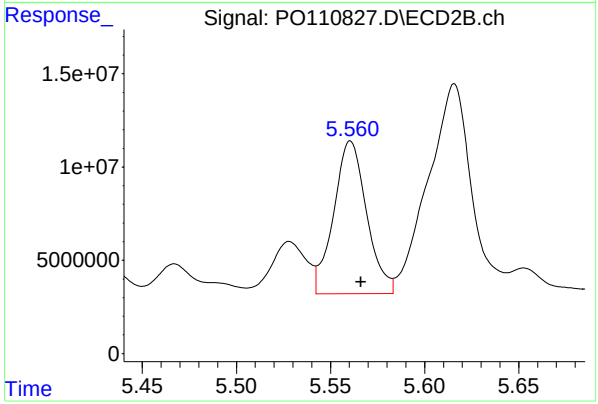
#25 AR-1248-5

R.T.: 5.616 min
Delta R.T.: 0.010 min
Response: 179688215
Conc: 910.29 ng/ml



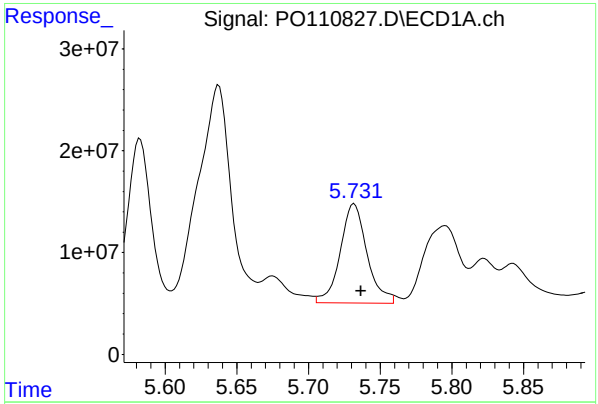
#26 AR-1254-1

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 181533562
Conc: 325.34 ng/ml m



#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.006 min
Response: 99839031
Conc: 331.14 ng/ml



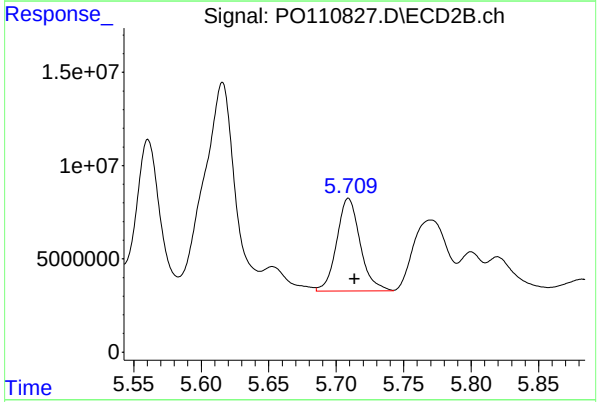
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.005 mi
Response: 126113984
Conc: 259.65 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02DL

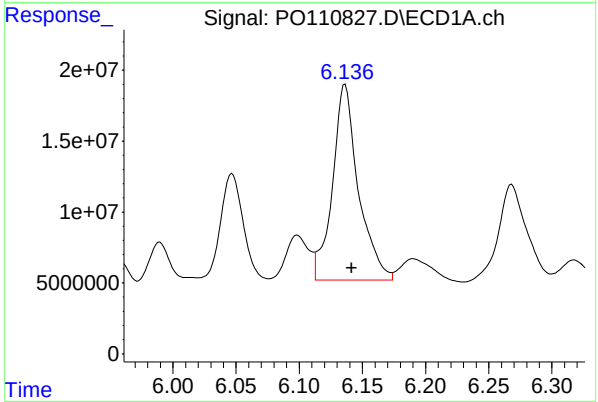
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



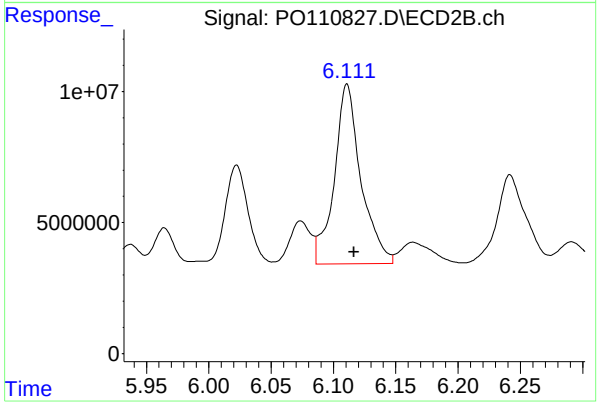
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 60118762
Conc: 227.13 ng/ml



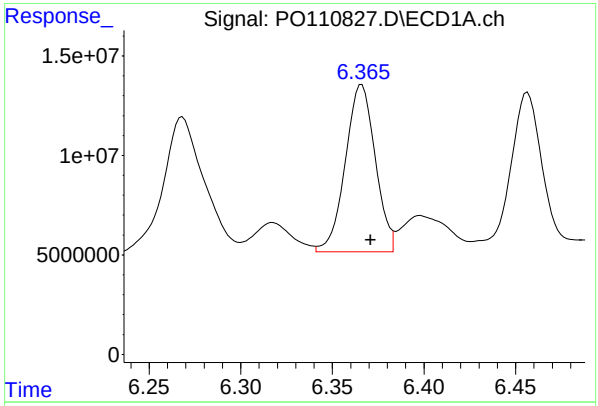
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 196423254
Conc: 250.79 ng/ml m



#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 102011875
Conc: 252.87 ng/ml



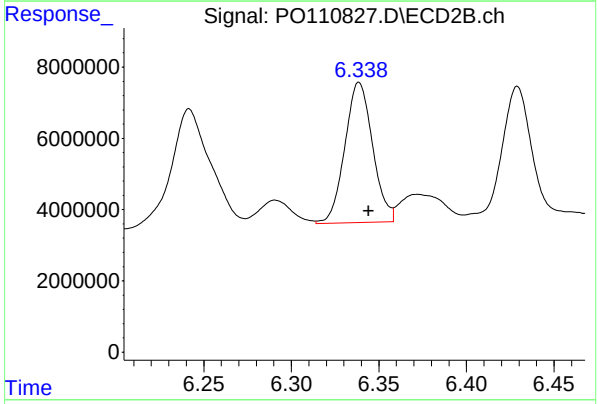
#29 AR-1254-4

R.T.: 6.365 min
Delta R.T.: -0.006 min
Response: 96609712
Conc: 198.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS017-02DL

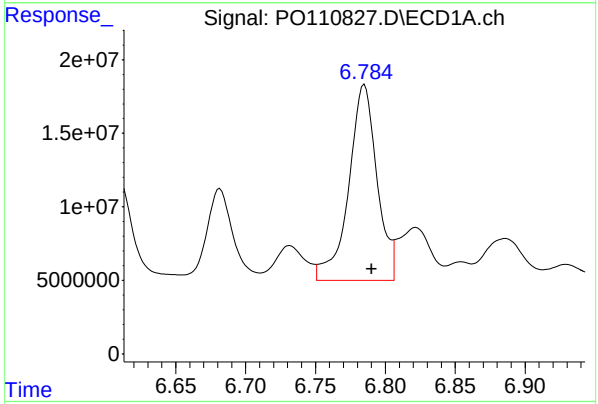
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



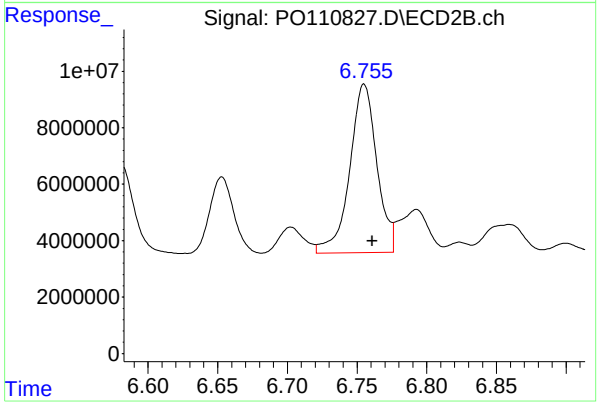
#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 43502611
Conc: 189.38 ng/ml



#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 187923661
Conc: 268.12 ng/ml



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 80891242
Conc: 243.43 ng/ml

Raw Data: **PO110823.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS018-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-24	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	89.6 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110823.D	1	04/24/25 08:32	04/28/25 23:18	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	18.9	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	18.9	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.9	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	18.9	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	18.9	ug/kg
11097-69-1	Aroclor-1254	76.3		3.60	18.9	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	18.9	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.9	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		32 - 144	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		32 - 175	82%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110823.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110823.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 23:18
Operator : YP/AJ
Sample : Q1860-24
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS018-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:07:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.683	183.3E6	97114441	20.952	19.463
2)	SA Decachlor...	8.726	8.678	123.7E6	31570560	15.669	16.400
	Target Compounds						
26)	L6 AR-1254-1	5.582	5.561	100.1E6	52178364	179.425m	173.063m
27)	L6 AR-1254-2	5.731	5.710	97814421	55867107	201.387m	211.070
28)	L6 AR-1254-3	6.136	6.111	162.4E6	79064247	207.395m	195.987m
29)	L6 AR-1254-4	6.365	6.339	72041546	34588375	147.746m	150.572
30)	L6 AR-1254-5	6.784	6.755	204.9E6	98625787	292.398m	296.805

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110823.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 23:18
Operator : YP/AJ
Sample : Q1860-24
Misc :
ALS Vial : 32 Sample Multiplier: 1

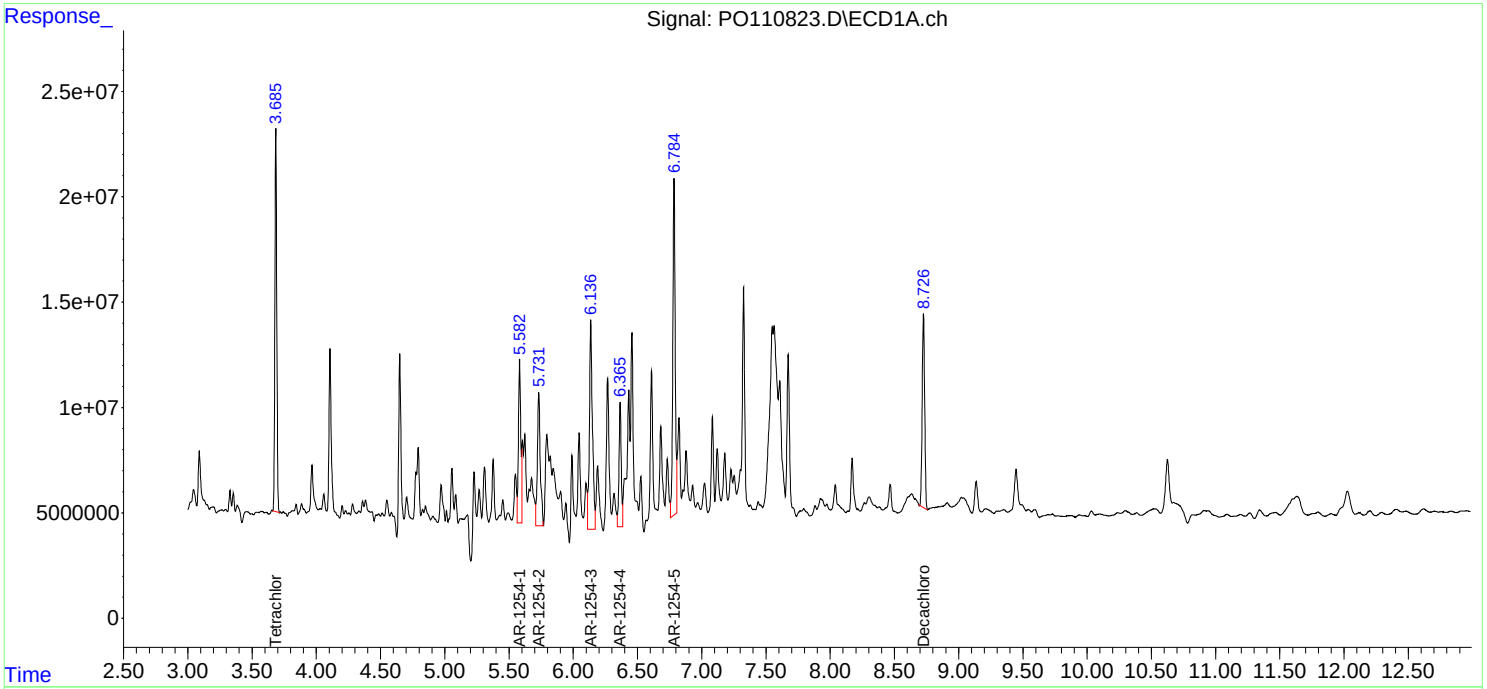
Instrument :
ECD_O
ClientSampleId :
P001-SS018-01

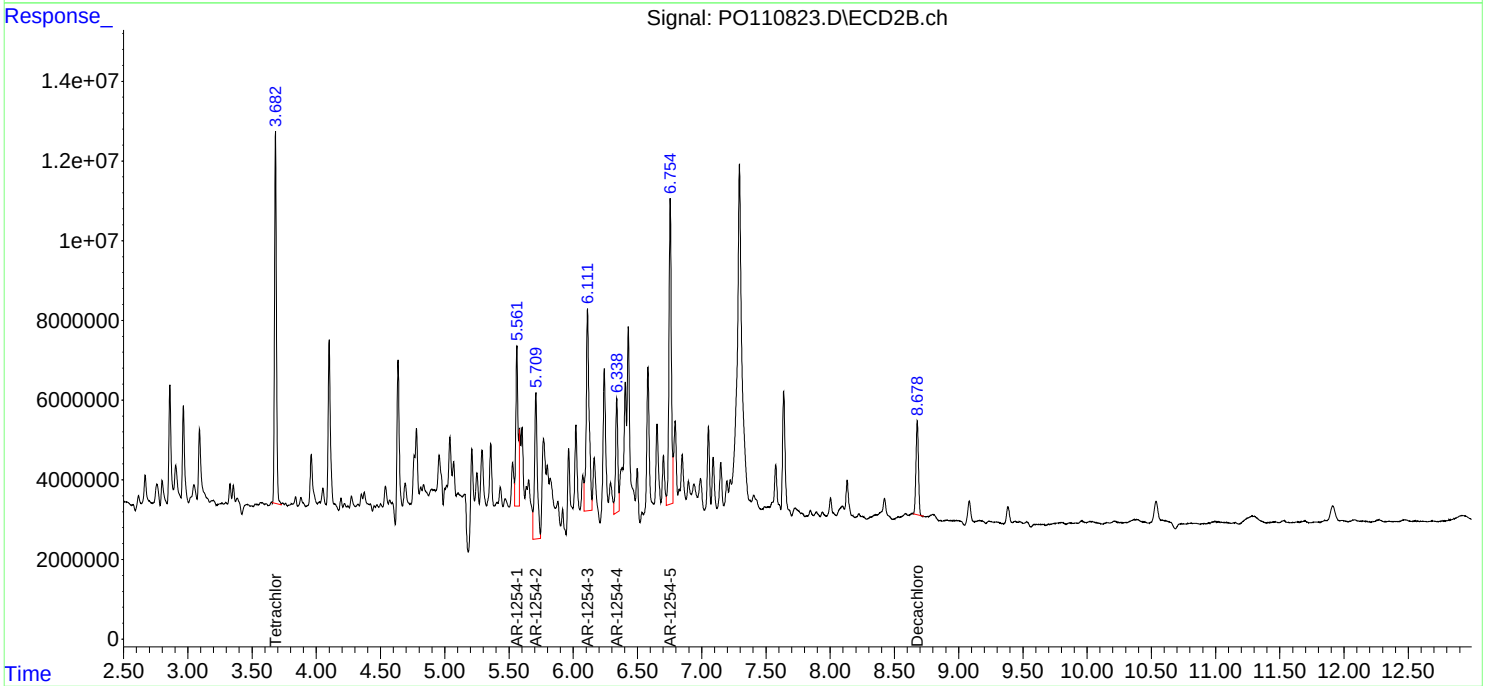
Manual Integrations APPROVED

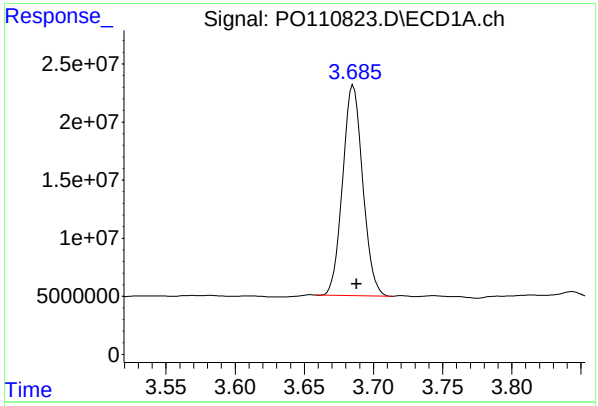
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:07:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







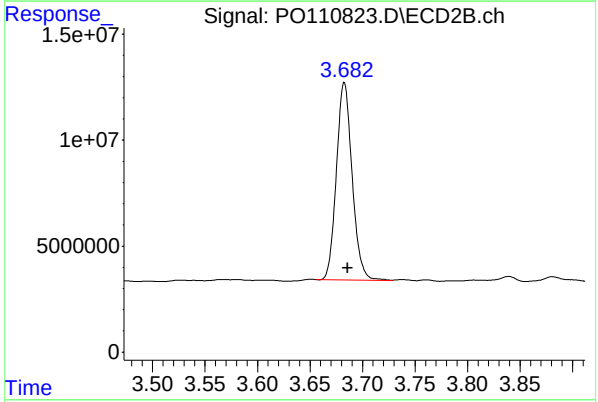
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 183310612
Conc: 20.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS018-01

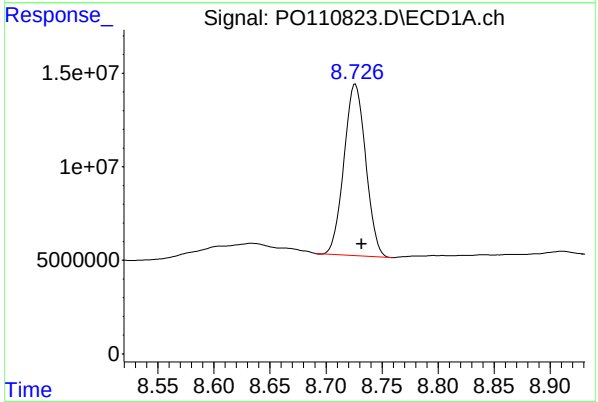
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



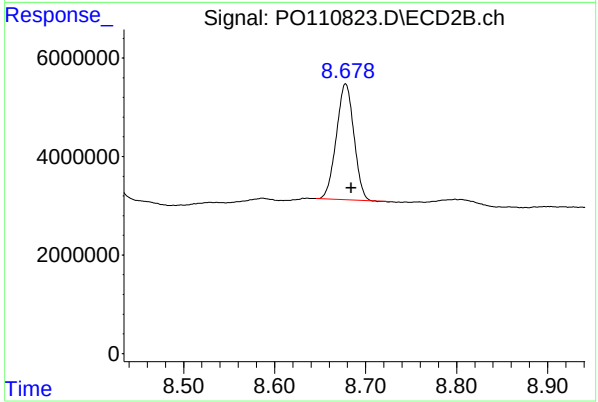
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 97114441
Conc: 19.46 ng/ml



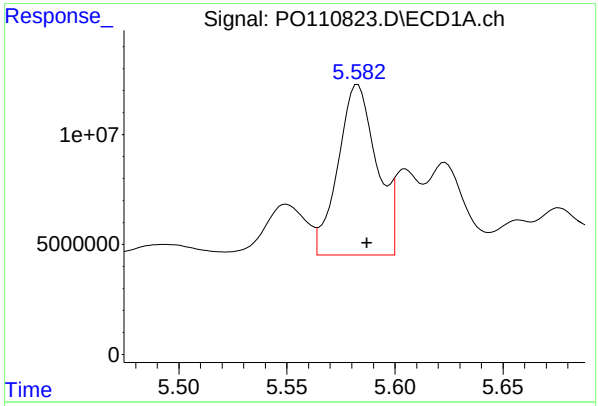
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.005 min
Response: 123709046
Conc: 15.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 31570560
Conc: 16.40 ng/ml



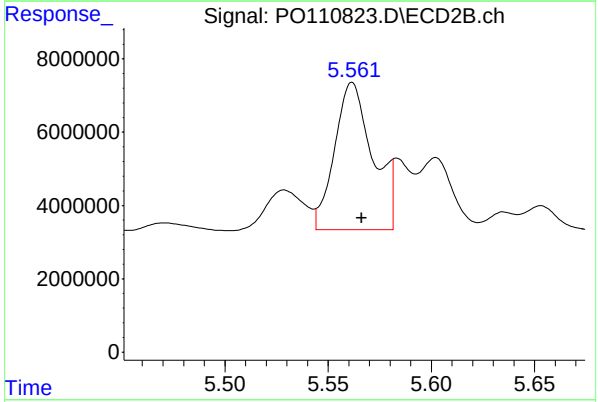
#26 AR-1254-1

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 100117121
Conc: 179.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS018-01

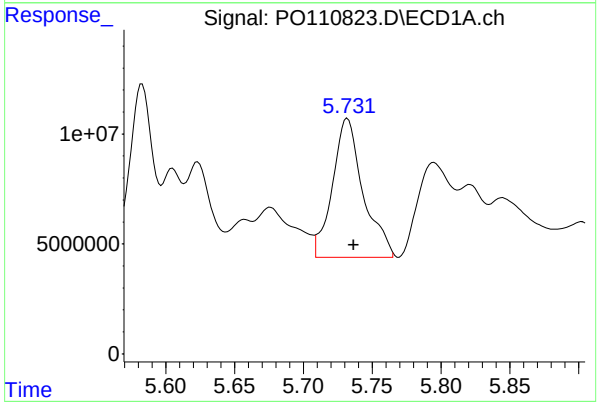
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



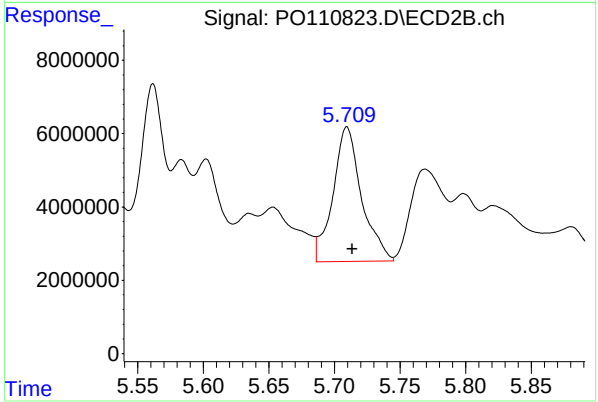
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 52178364
Conc: 173.06 ng/ml m



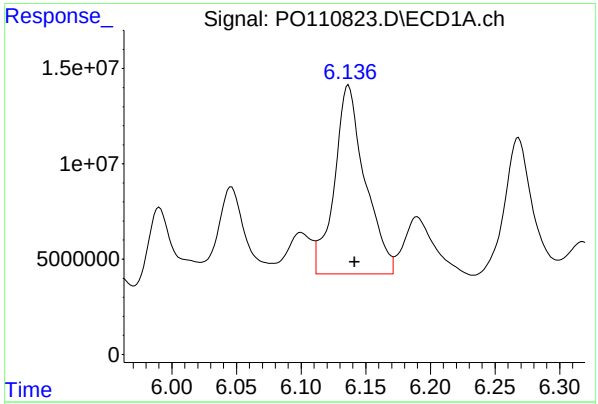
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.005 min
Response: 97814421
Conc: 201.39 ng/ml m



#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 55867107
Conc: 211.07 ng/ml



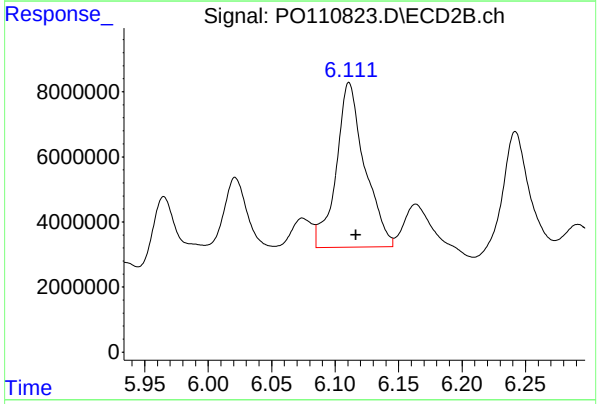
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 162435879
Conc: 207.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS018-01

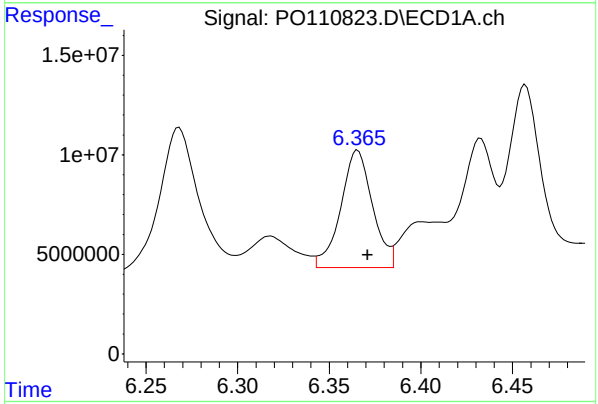
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



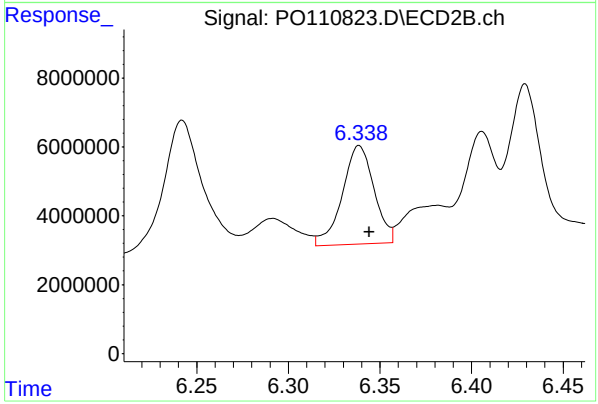
#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 79064247
Conc: 195.99 ng/ml m



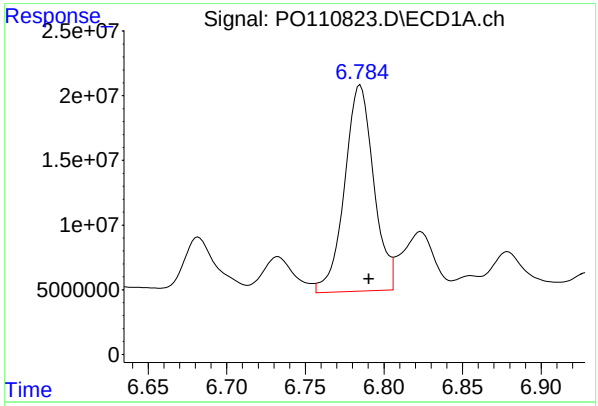
#29 AR-1254-4

R.T.: 6.365 min
Delta R.T.: -0.006 min
Response: 72041546
Conc: 147.75 ng/ml m



#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.006 min
Response: 34588375
Conc: 150.57 ng/ml



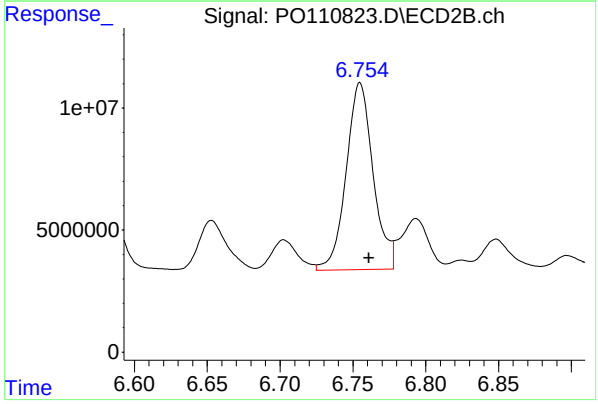
#30 AR-1254-5

R.T.: 6.784 min
Delta R.T.: -0.006 min
Response: 204941862
Conc: 292.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS018-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 98625787
Conc: 296.80 ng/ml

Raw Data: **PO110824.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS019-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-25	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110824.D	1	04/24/25 08:32	04/28/25 23:37	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.2	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.2	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.2	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.2	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.2	ug/kg
11097-69-1	Aroclor-1254	435	E	3.60	19.2	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.2	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.2	ug/kg
11096-82-5	Aroclor-1260	297		3.70	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.0		32 - 144	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		32 - 175	92%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110824.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 23:37
Operator : YP/AJ
Sample : Q1860-25
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 09:42:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.685	3.682	183.6E6	96057771	20.985	19.251	
2)	SA Decachlor...	8.726	8.677	134.4E6	35240192	17.029	18.307	
	Target Compounds							
26)	L6 AR-1254-1	5.582	5.561	402.9E6	213.7E6	721.992	708.832	
27)	L6 AR-1254-2	5.731	5.709	408.7E6	207.6E6	841.379	784.311	
28)	L6 AR-1254-3	6.136	6.111	877.5E6	453.3E6	1120.388	1123.586	
29)	L6 AR-1254-4	6.366	6.339	384.3E6	186.9E6	788.151	813.648	
30)	L6 AR-1254-5	6.784	6.755	1609.6E6	765.7E6	2296.483	2304.223	
31)	L7 AR-1260-1	6.268	6.241	489.8E6	246.2E6	1036.715	1000.986	
32)	L7 AR-1260-2	6.457	6.429	514.9E6	239.4E6	878.058	820.504	
33)	L7 AR-1260-3	6.823	6.581	232.5E6	233.6E6	471.678	862.327	#
34)	L7 AR-1260-4	7.084	7.052	213.8E6	96285889	503.655	479.894	
35)	L7 AR-1260-5	7.326	7.293	664.7E6	354.6E6	636.988	772.716	

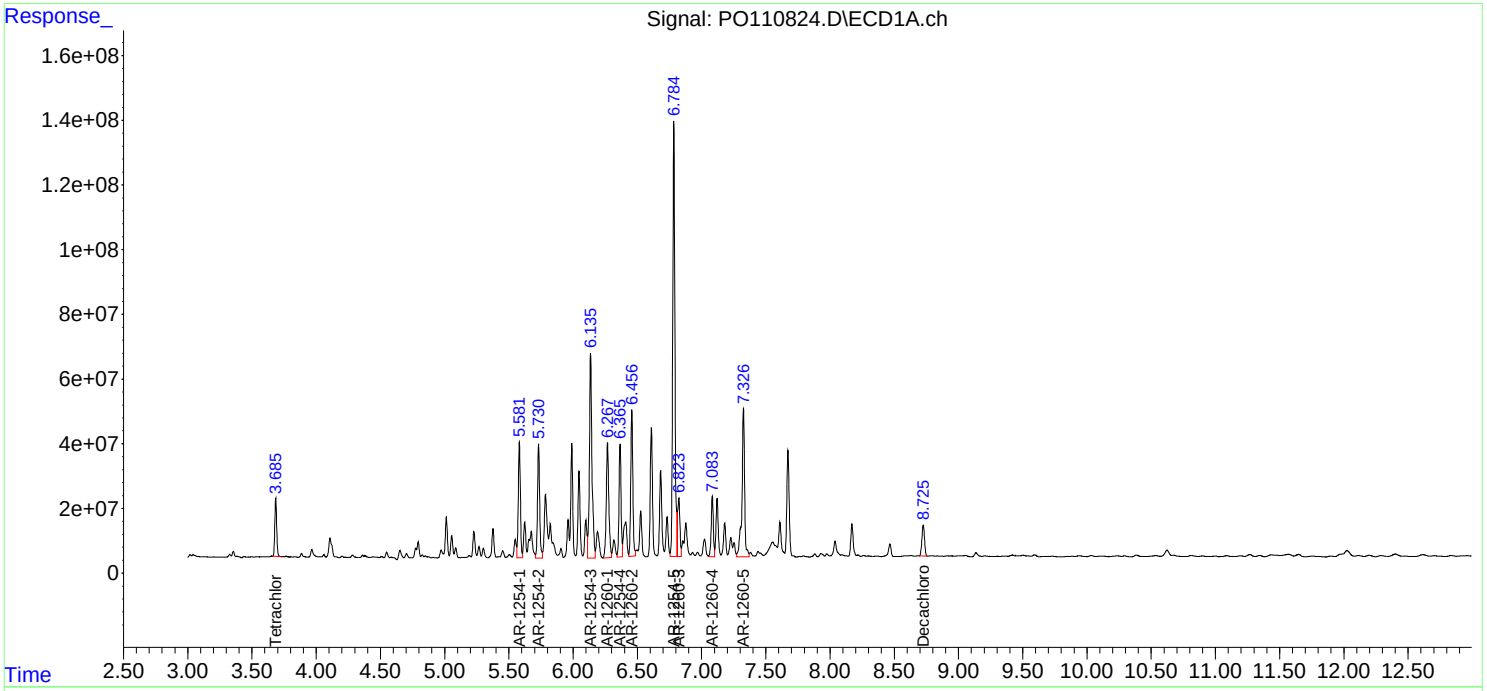
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

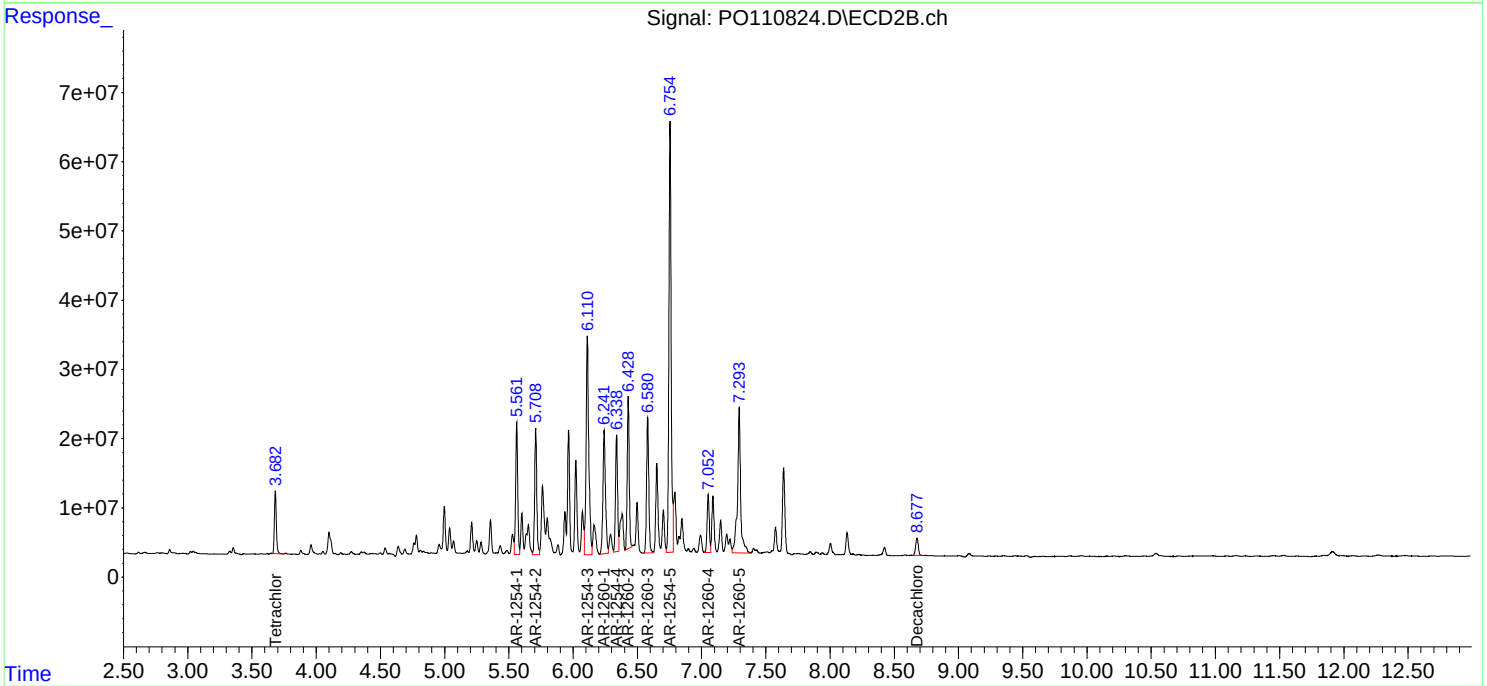
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 23:37
Operator : YP/AJ
Sample : Q1860-25
Misc :
ALS Vial : 33 Sample Multiplier: 1

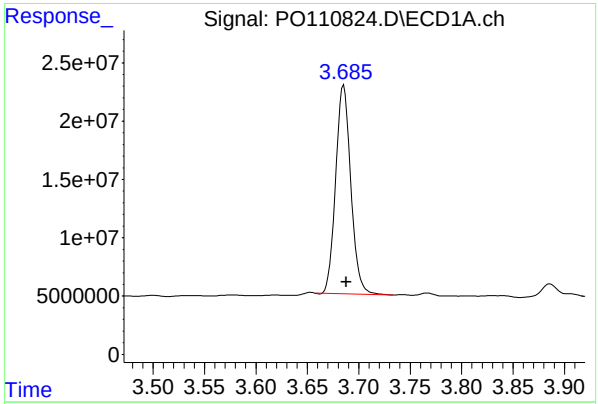
Instrument :
ECD_O
ClientSampleId :
P001-SS019-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 09:42:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



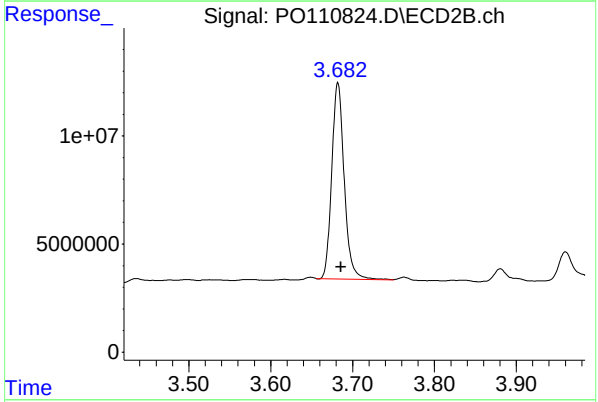




#1 Tetrachloro-m-xylene

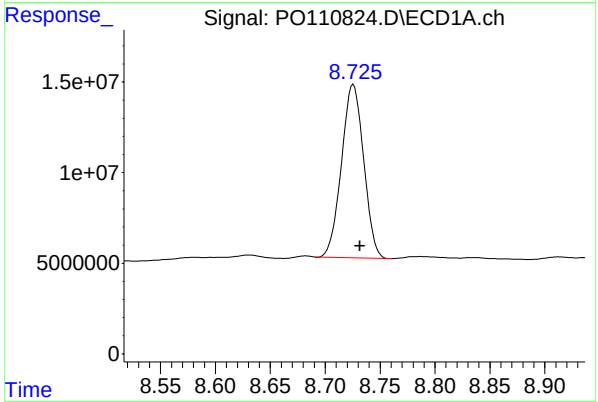
R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 183597804
Conc: 20.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01



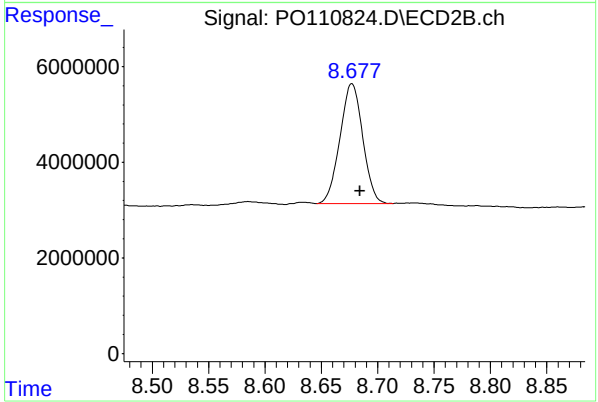
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 96057771
Conc: 19.25 ng/ml



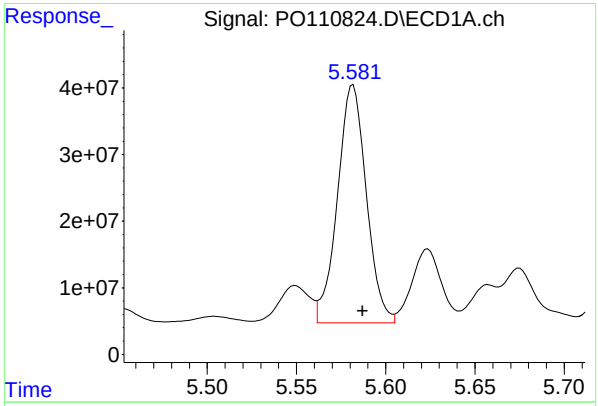
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.006 min
Response: 134439358
Conc: 17.03 ng/ml



#2 Decachlorobiphenyl

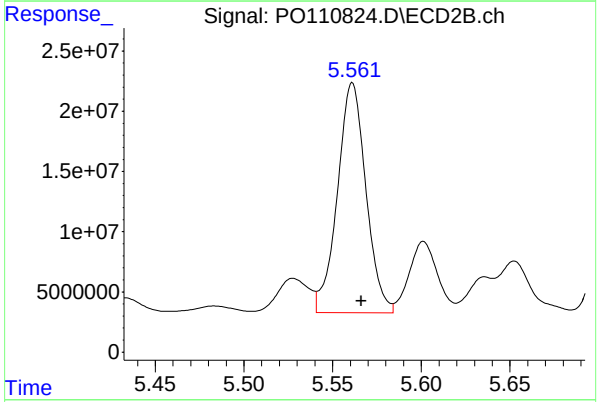
R.T.: 8.677 min
Delta R.T.: -0.007 min
Response: 35240192
Conc: 18.31 ng/ml



#26 AR-1254-1

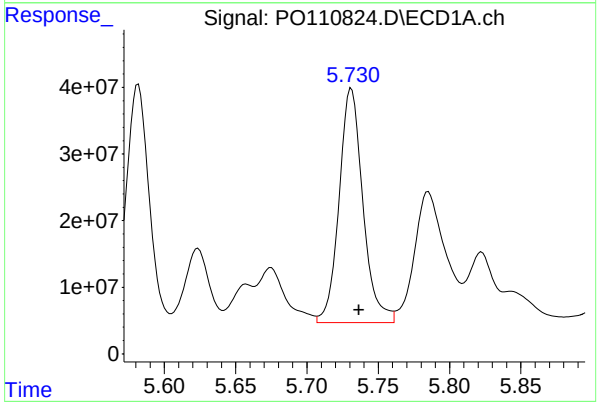
R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 402863771
Conc: 721.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01



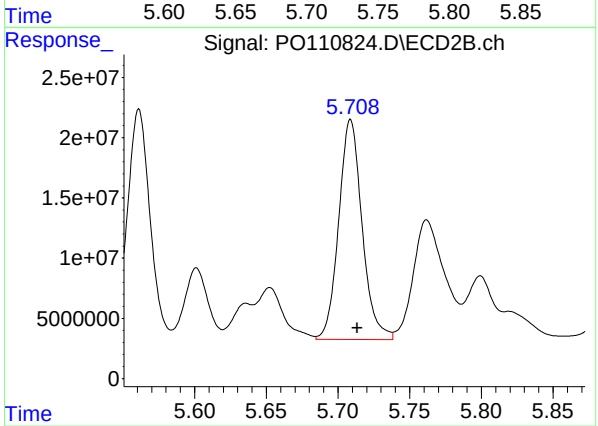
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 213712316
Conc: 708.83 ng/ml



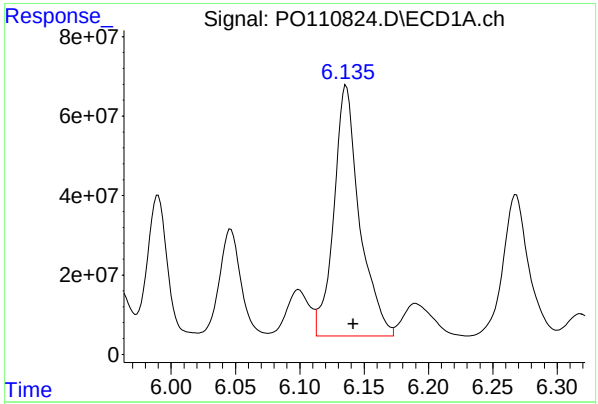
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.005 min
Response: 408660010
Conc: 841.38 ng/ml



#27 AR-1254-2

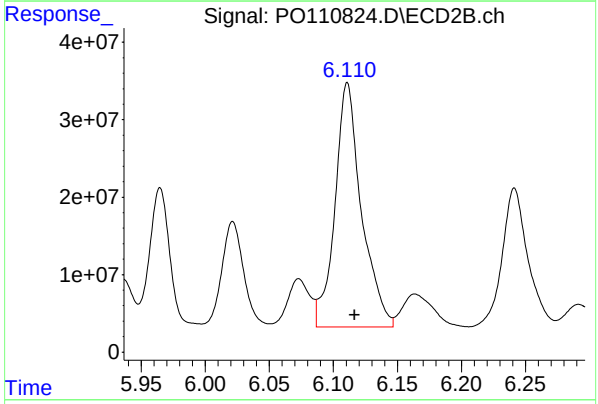
R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 207595660
Conc: 784.31 ng/ml



#28 AR-1254-3

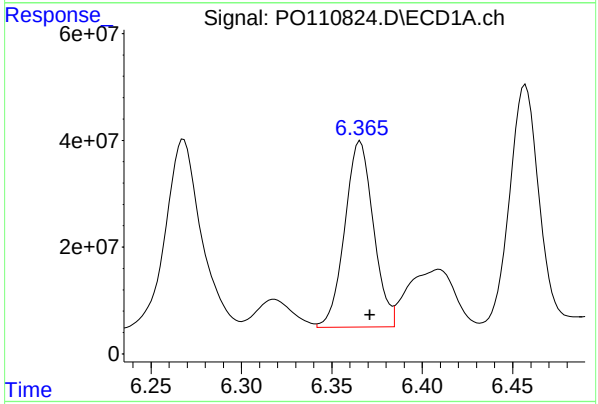
R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 877512316
Conc: 1120.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01



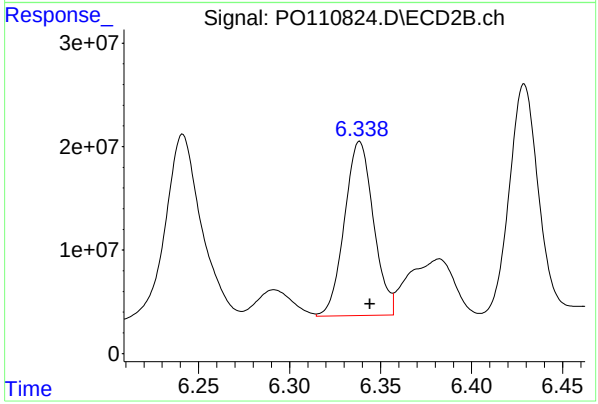
#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 453272524
Conc: 1123.59 ng/ml



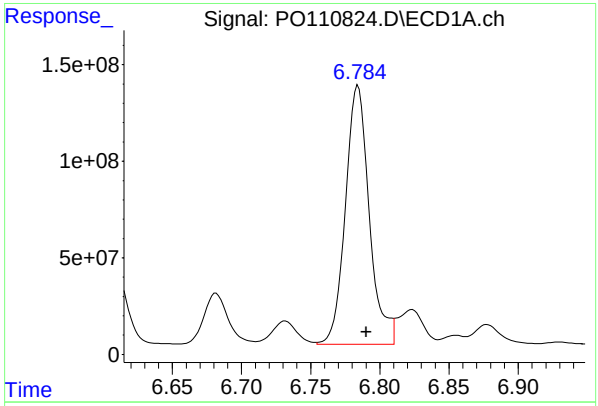
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 384306472
Conc: 788.15 ng/ml



#29 AR-1254-4

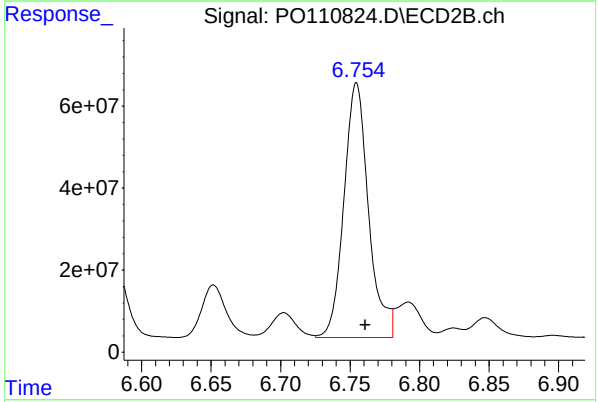
R.T.: 6.339 min
Delta R.T.: -0.006 min
Response: 186905520
Conc: 813.65 ng/ml



#30 AR-1254-5

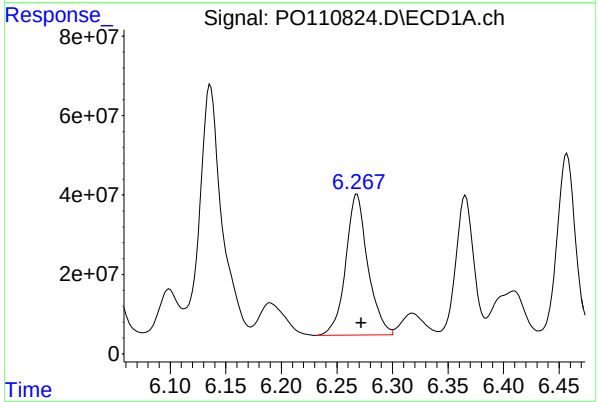
R.T.: 6.784 min
Delta R.T.: -0.006 mi
Response: 1609604590
Conc: 2296.48 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01



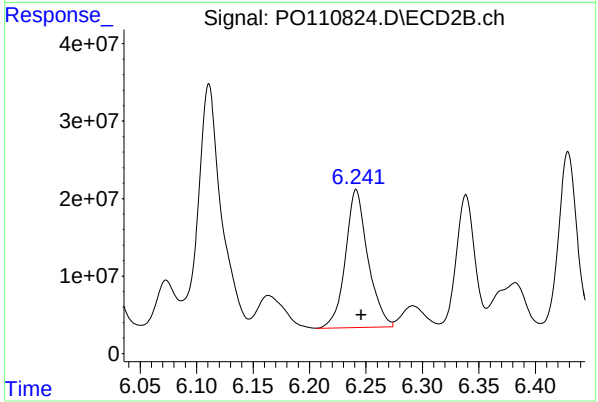
#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 765674181
Conc: 2304.22 ng/ml



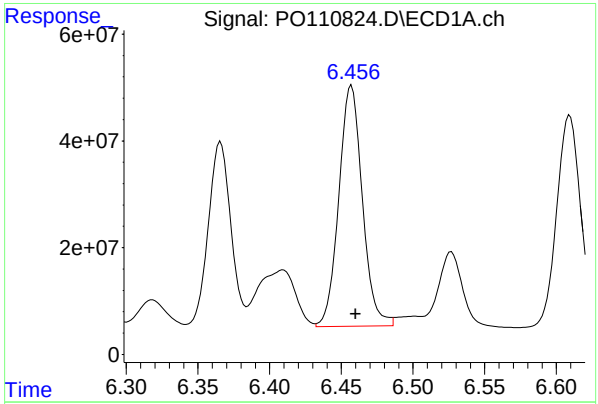
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 489791261
Conc: 1036.72 ng/ml



#31 AR-1260-1

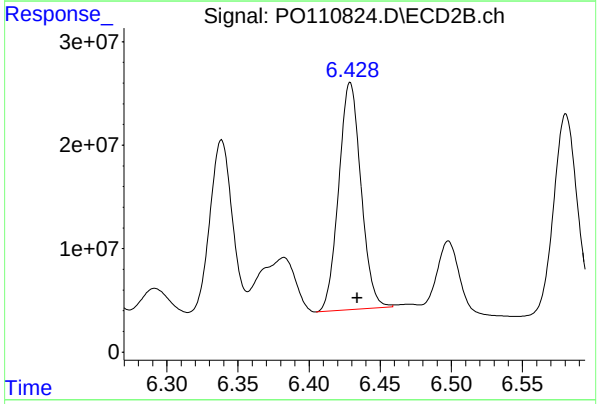
R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 246205992
Conc: 1000.99 ng/ml



#32 AR-1260-2

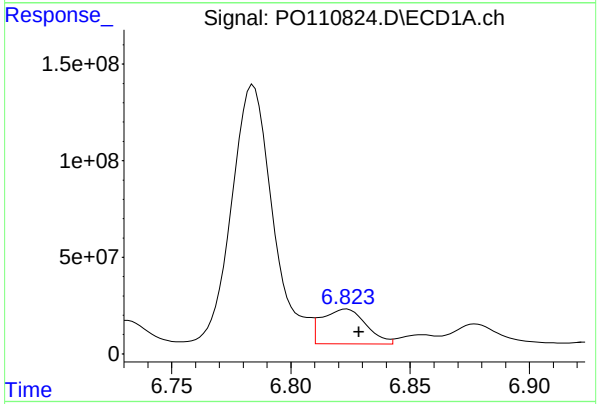
R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 514914737
Conc: 878.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01



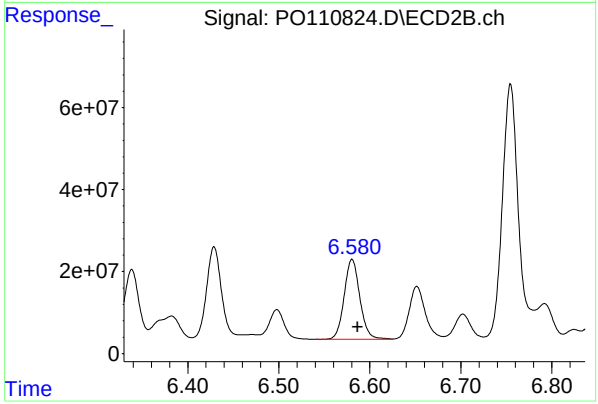
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 239382546
Conc: 820.50 ng/ml



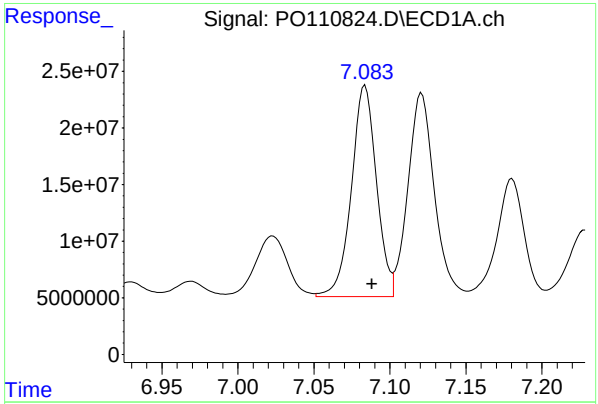
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: -0.005 min
Response: 232477054
Conc: 471.68 ng/ml



#33 AR-1260-3

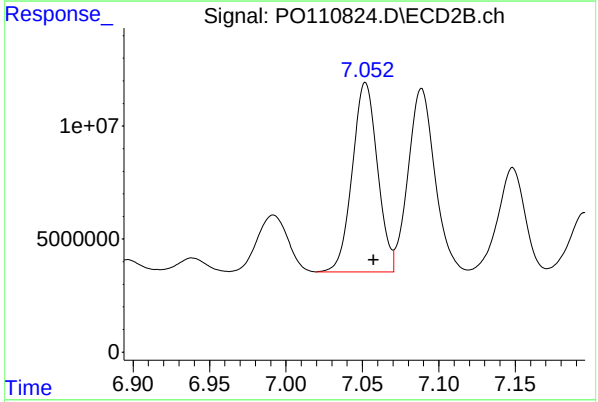
R.T.: 6.581 min
Delta R.T.: -0.006 min
Response: 233590698
Conc: 862.33 ng/ml



#34 AR-1260-4

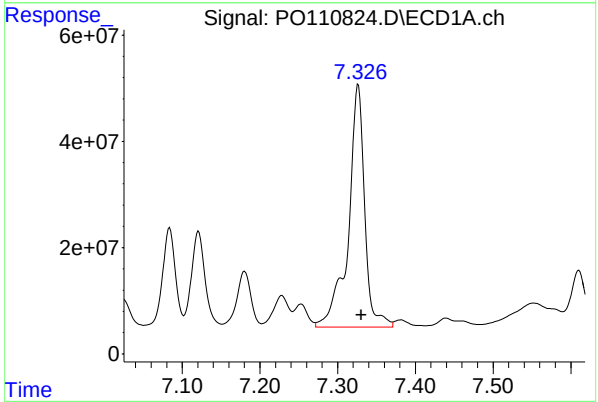
R.T.: 7.084 min
Delta R.T.: -0.005 min
Response: 213762666
Conc: 503.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01



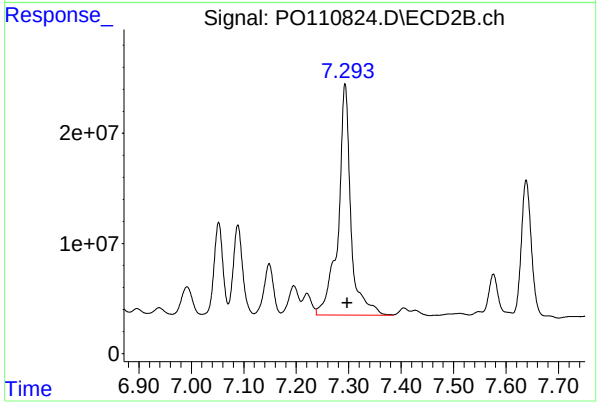
#34 AR-1260-4

R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 96285889
Conc: 479.89 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 664679084
Conc: 636.99 ng/ml



#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 354566548
Conc: 772.72 ng/ml

Raw Data: **PO110837.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS019-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-25DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110837.D	5	04/24/25 08:32	04/29/25 04:57	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.3	UD	22.3	96.1	ug/kg
11104-28-2	Aroclor-1221	22.8	UD	22.8	96.1	ug/kg
11141-16-5	Aroclor-1232	21.0	UD	21.0	96.1	ug/kg
53469-21-9	Aroclor-1242	22.7	UD	22.7	96.1	ug/kg
12672-29-6	Aroclor-1248	33.5	UD	33.5	96.1	ug/kg
11097-69-1	Aroclor-1254	435	D	18.1	96.1	ug/kg
37324-23-5	Aroclor-1262	28.4	UD	28.4	96.1	ug/kg
11100-14-4	Aroclor-1268	20.3	UD	20.3	96.1	ug/kg
11096-82-5	Aroclor-1260	298	D	18.3	96.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		32 - 175	93%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 04:57
Operator : YP/AJ
Sample : Q1860-25DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 13:40:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.682	32612265	16479204	3.728m	3.303m
2)	SA Decachlor...	8.727	8.678	28427634	7153354	3.601	3.716
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.562	90147571	45104240	161.558	149.600
27)	L6 AR-1254-2	5.732	5.709	91127132	45293731	187.619	171.123
28)	L6 AR-1254-3	6.137	6.112	186.7E6	91852530	238.351	227.687
29)	L6 AR-1254-4	6.366	6.339	83480089	38157251	171.204	166.108
30)	L6 AR-1254-5	6.785	6.755	277.6E6	130.5E6	396.008	392.615
31)	L7 AR-1260-1	6.268	6.242	109.2E6	52900380	231.179	215.074
32)	L7 AR-1260-2	6.457	6.430	111.9E6	49293928	190.886	168.959
33)	L7 AR-1260-3	6.823	6.581	54798648	48435831	111.182	178.806 #
34)	L7 AR-1260-4	7.084	7.053	45070329	20696684	106.192	103.153
35)	L7 AR-1260-5	7.326	7.294	131.0E6	57369174	125.589	125.026

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 04:57
Operator : YP/AJ
Sample : Q1860-25DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

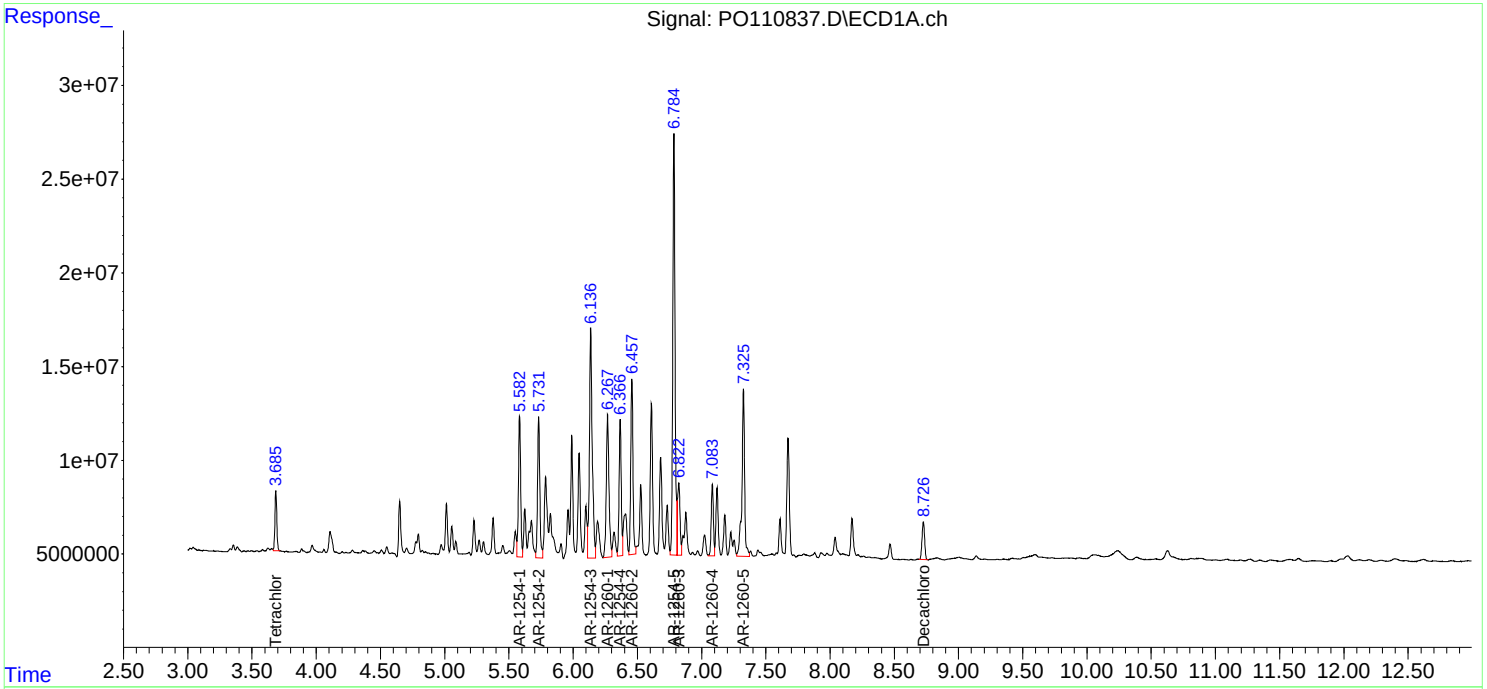
Instrument :
ECD_O
ClientSampleId :
P001-SS019-01DL

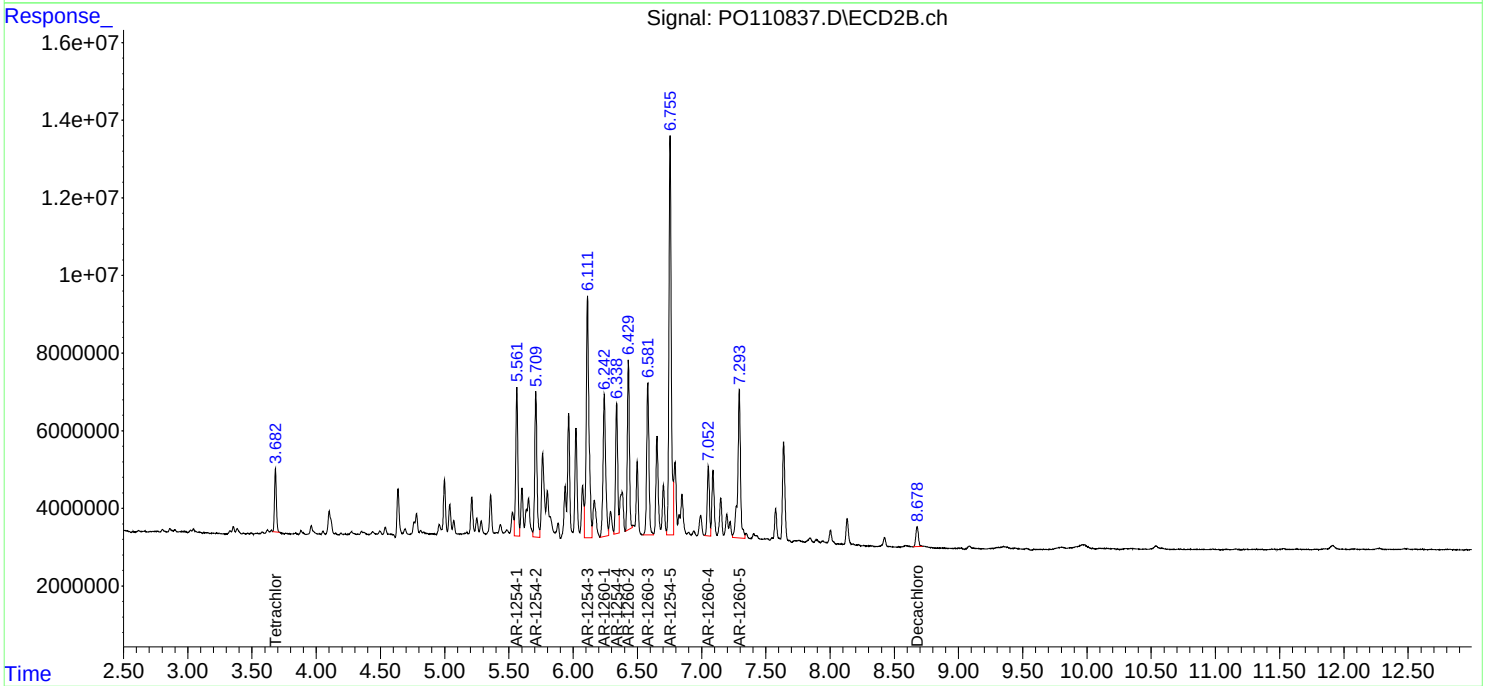
Manual Integrations APPROVED

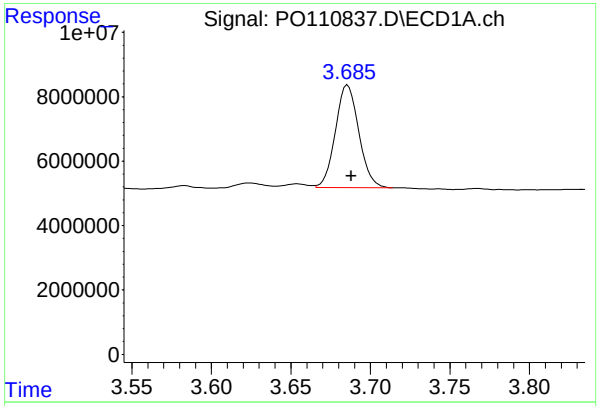
Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 13:40:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







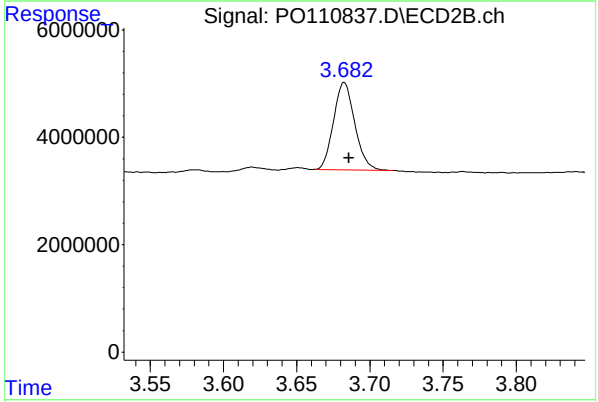
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 32612265
Conc: 3.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01DL

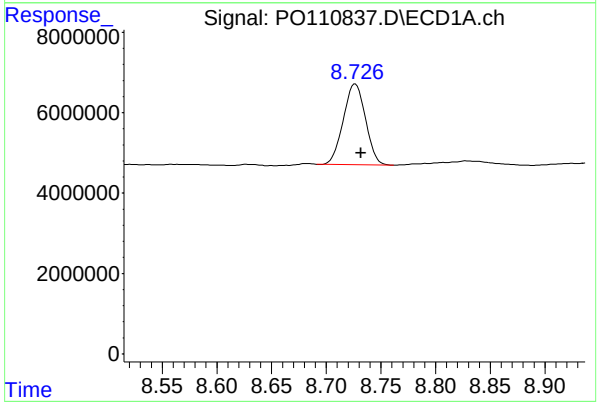
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



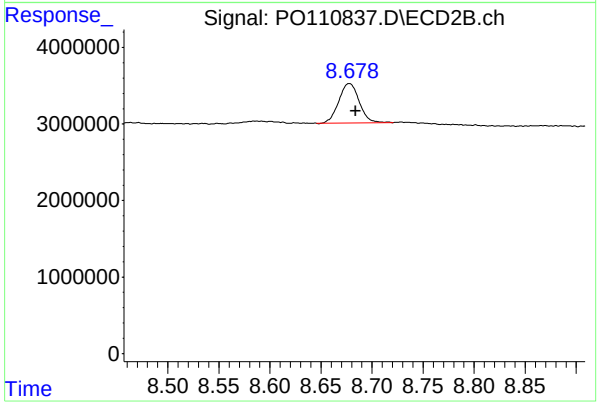
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 16479204
Conc: 3.30 ng/ml m



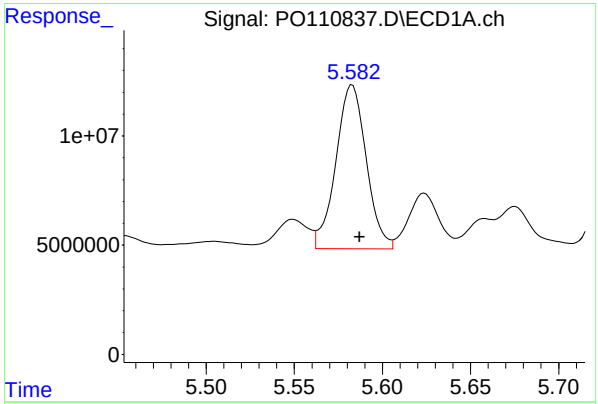
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 28427634
Conc: 3.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 7153354
Conc: 3.72 ng/ml



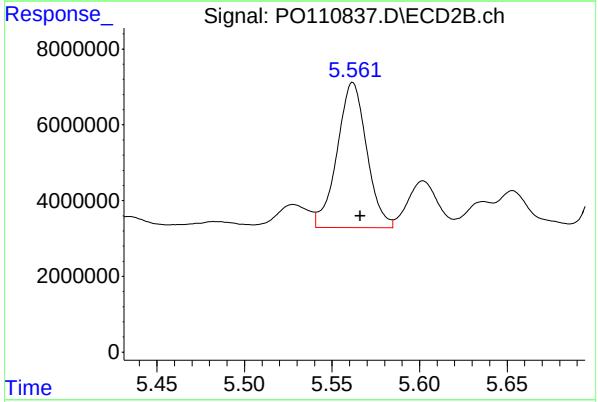
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 90147571
Conc: 161.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01DL

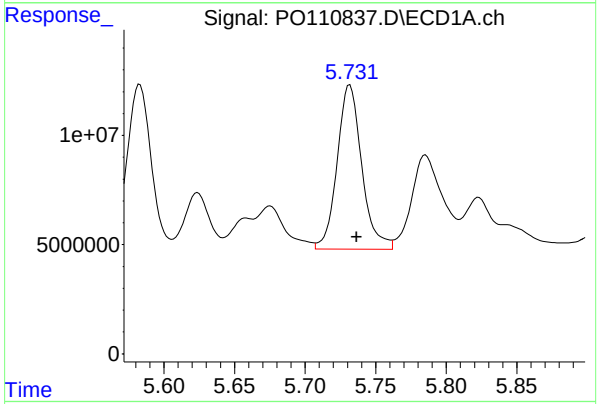
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



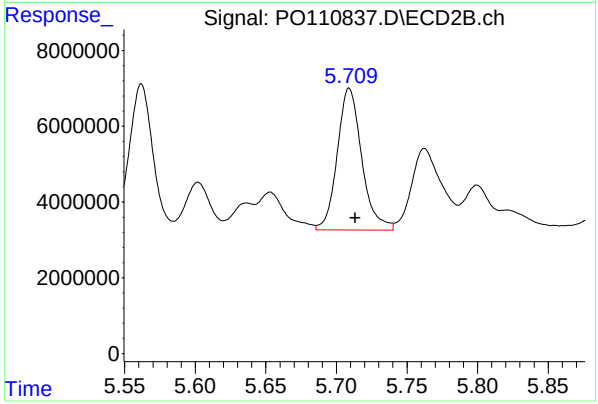
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 45104240
Conc: 149.60 ng/ml



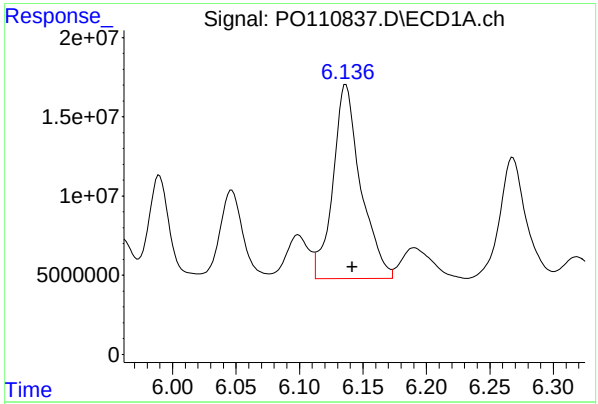
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.005 min
Response: 91127132
Conc: 187.62 ng/ml



#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 45293731
Conc: 171.12 ng/ml



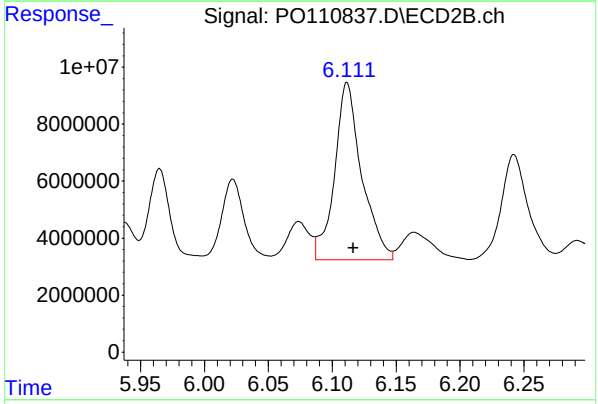
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 186681647
Conc: 238.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01DL

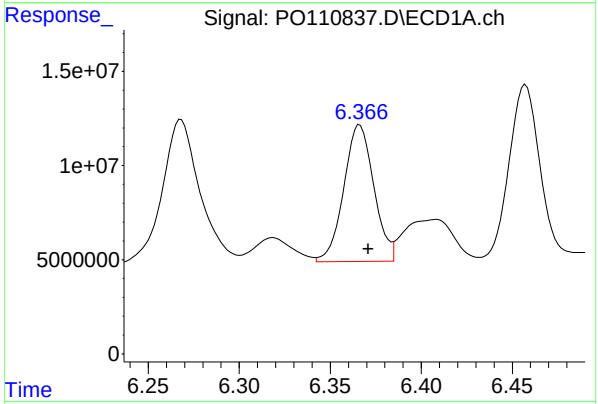
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



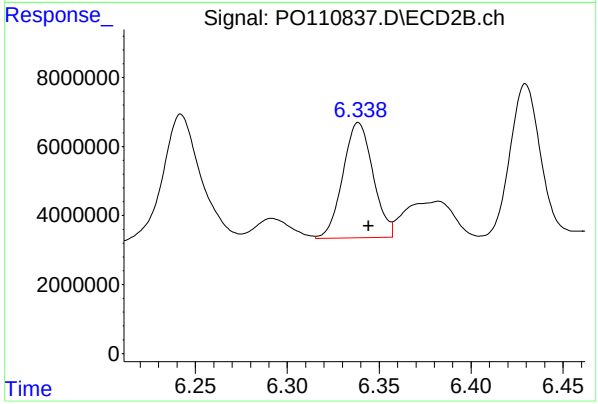
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 91852530
Conc: 227.69 ng/ml



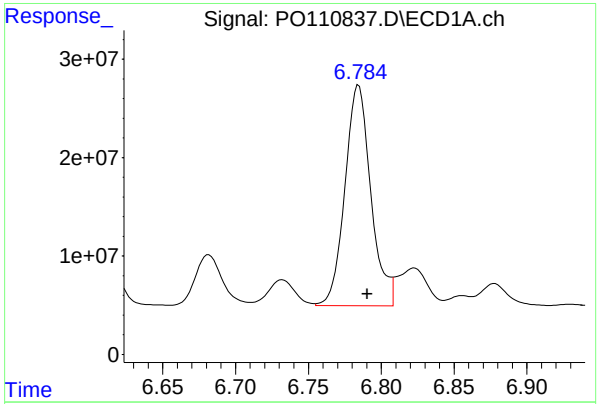
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 83480089
Conc: 171.20 ng/ml



#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 38157251
Conc: 166.11 ng/ml



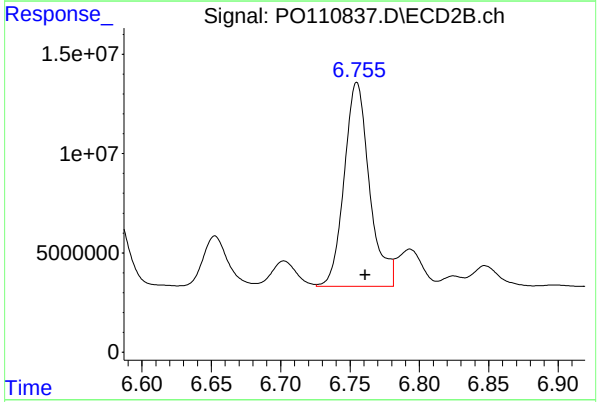
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.006 min
Response: 277561643
Conc: 396.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01DL

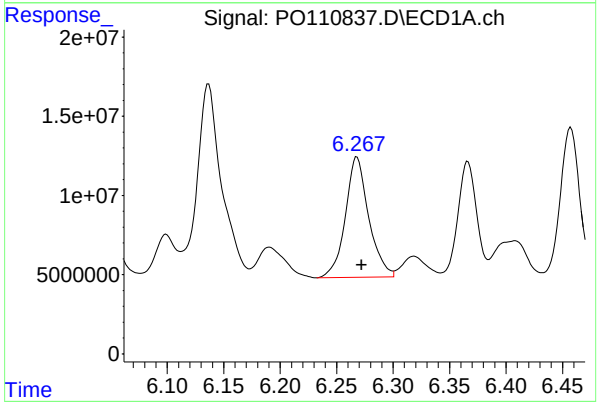
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



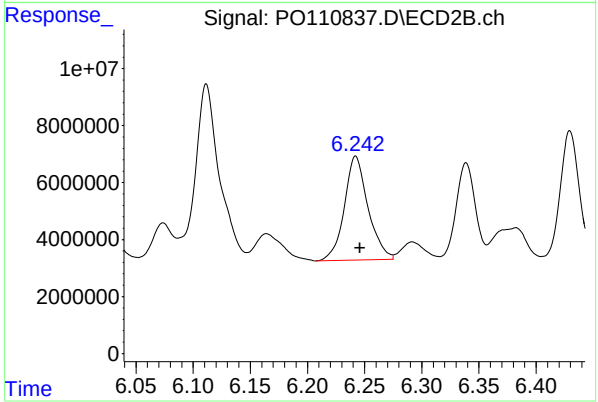
#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 130462623
Conc: 392.61 ng/ml



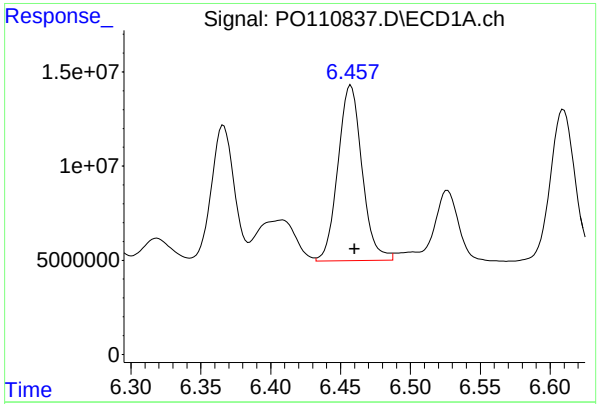
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 109219430
Conc: 231.18 ng/ml



#31 AR-1260-1

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 52900380
Conc: 215.07 ng/ml



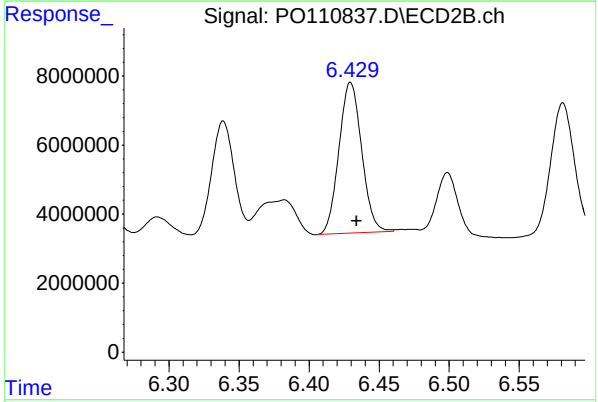
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 111940294
Conc: 190.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01DL

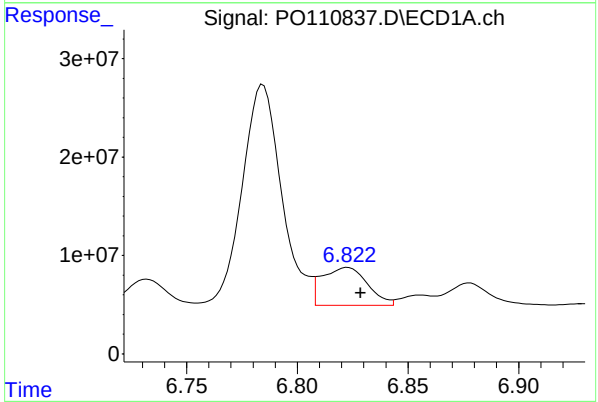
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



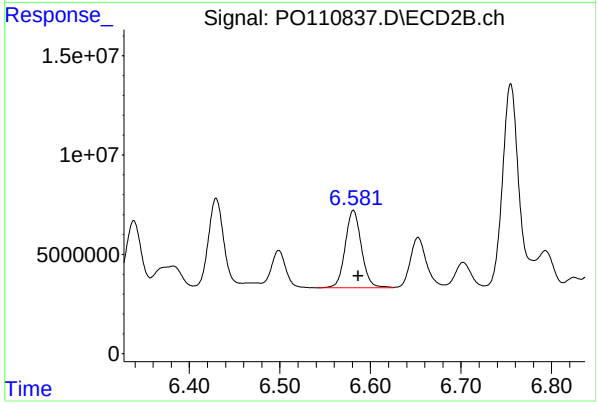
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 49293928
Conc: 168.96 ng/ml



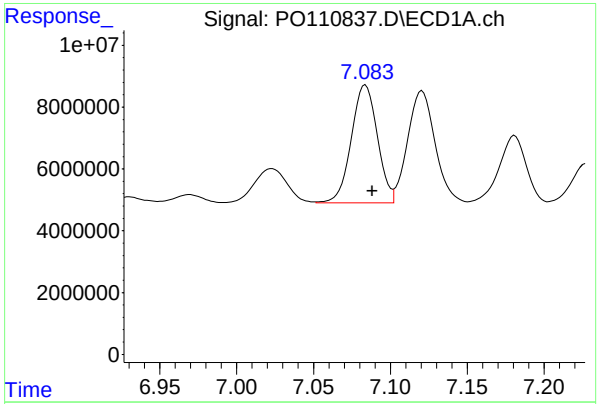
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: -0.006 min
Response: 54798648
Conc: 111.18 ng/ml



#33 AR-1260-3

R.T.: 6.581 min
Delta R.T.: -0.006 min
Response: 48435831
Conc: 178.81 ng/ml



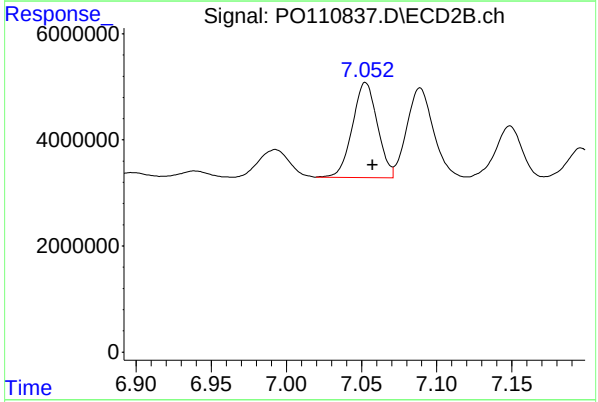
#34 AR-1260-4

R.T.: 7.084 min
Delta R.T.: -0.005 min
Response: 45070329
Conc: 106.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS019-01DL

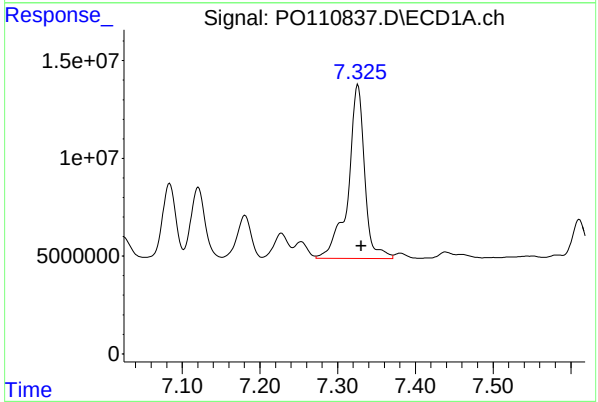
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



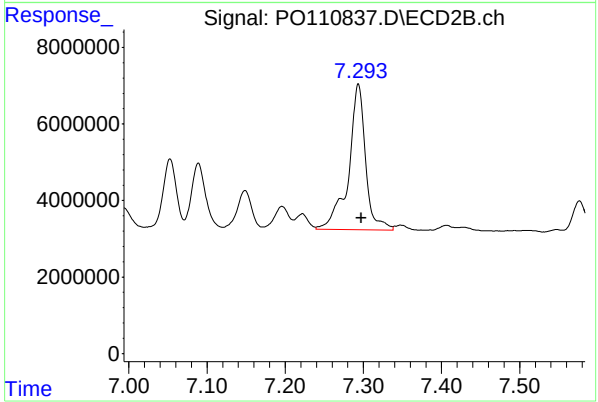
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 20696684
Conc: 103.15 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 131048394
Conc: 125.59 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 57369174
Conc: 125.03 ng/ml

Raw Data: **PO110730.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS020-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-26	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110730.D	1	04/25/25 08:20	04/25/25 13:26	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	20.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	20.0	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.0	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	20.0	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.0	ug/kg
11097-69-1	Aroclor-1254	5900	EP	3.80	20.0	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	20.0	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	20.0	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.8		32 - 144	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.8		32 - 175	119%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110730.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110730.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 13:26
Operator : YP/AJ
Sample : Q1860-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS020-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:23:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.682	155.8E6	85436561	17.809	17.122
2)	SA Decachlor...	8.725	8.677	188.2E6	43020085	23.833m	22.348
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.562	2325.1E6	1230.4E6	4166.958	4080.790
27)	L6 AR-1254-2	5.731	5.709	2539.2E6	1315.7E6	5227.805	4970.773
28)	L6 AR-1254-3	6.137	6.112	4643.0E6	2324.3E6	5928.128m	5761.597m
29)	L6 AR-1254-4	6.366	6.338	2379.8E6	1105.7E6	4880.504	4813.265
30)	L6 AR-1254-5	6.780	6.755	26171.4E6	18414.4E6	37339.728	55416.286 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110730.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 13:26
Operator : YP/AJ
Sample : Q1860-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

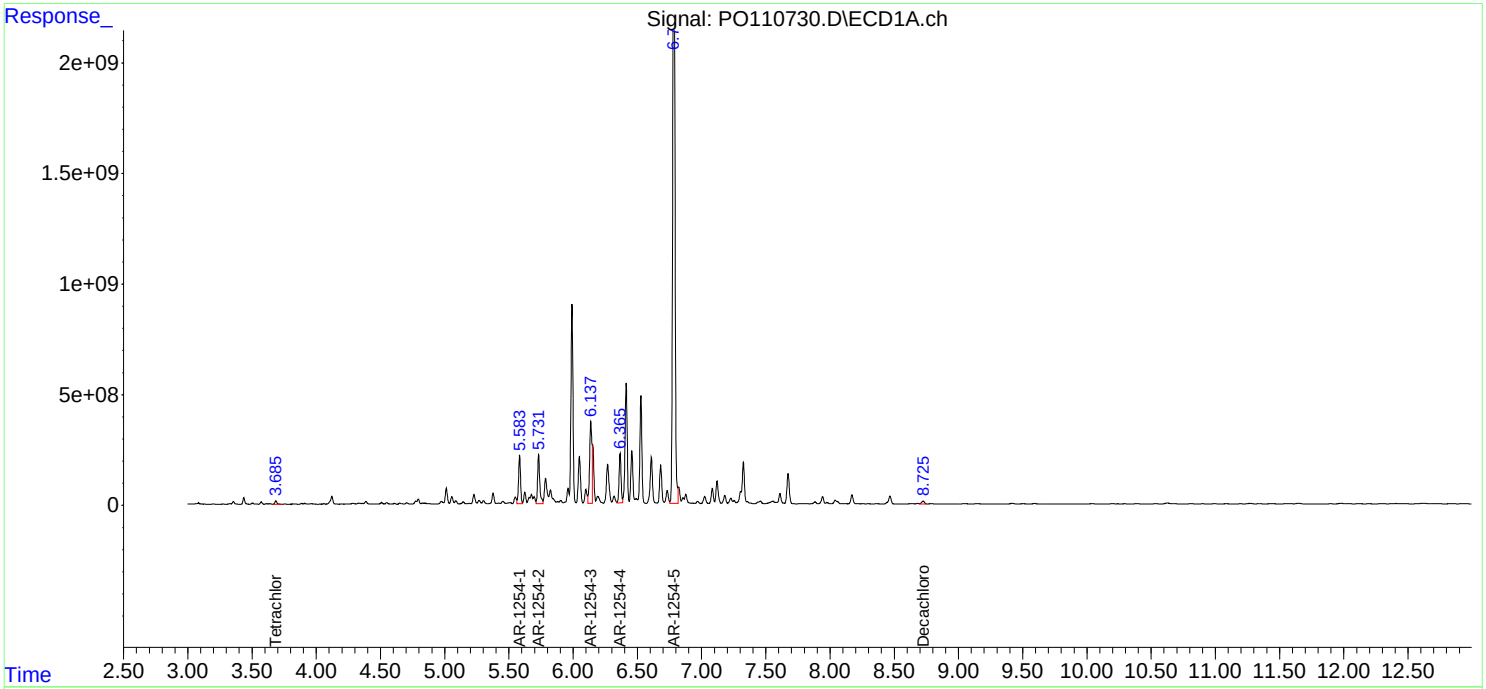
Instrument :
ECD_O
ClientSampleId :
P001-SS020-01

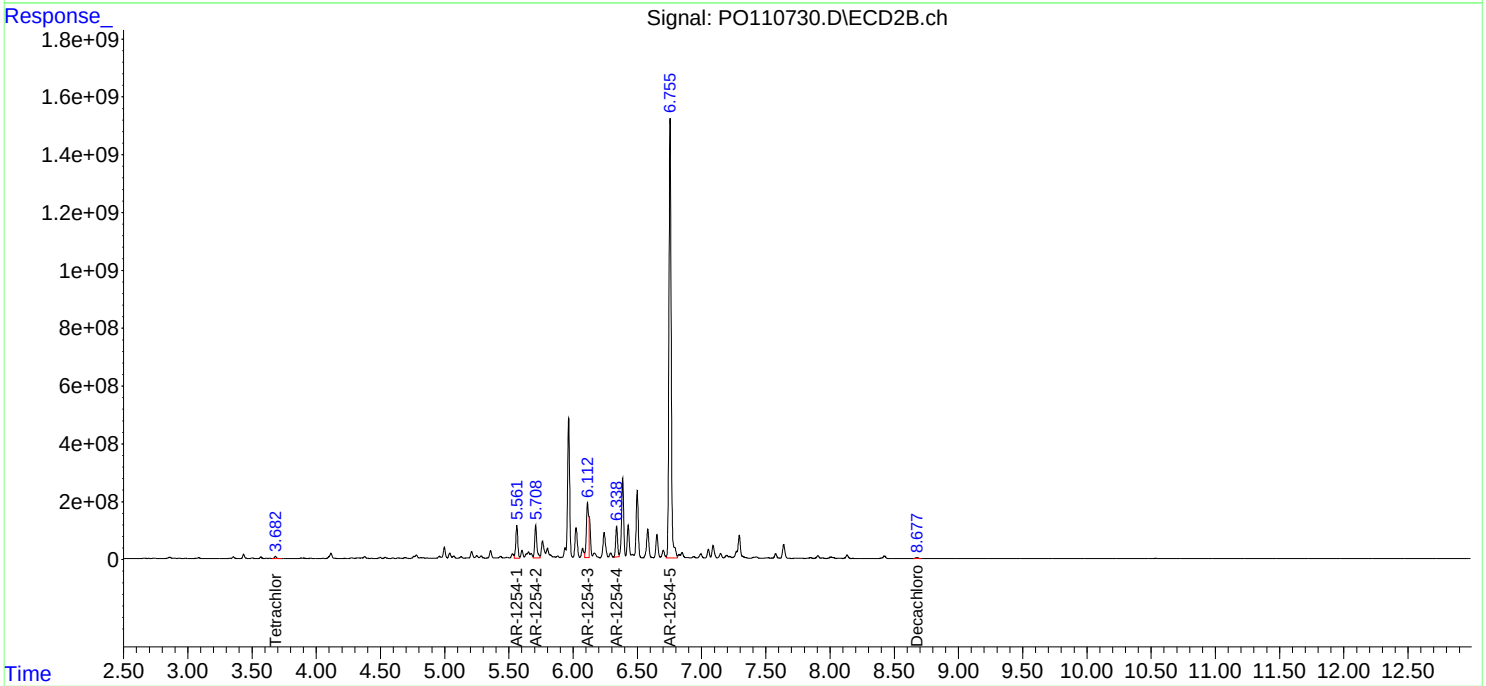
Manual Integrations APPROVED

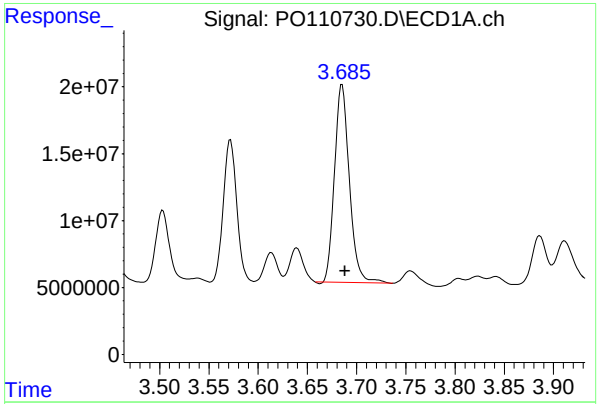
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:23:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







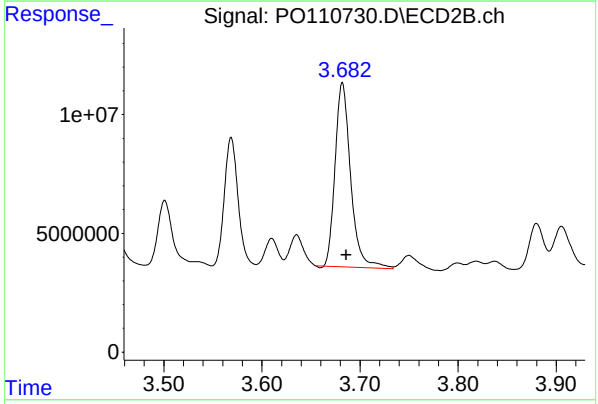
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.003 mi
Response: 155813872
Conc: 17.81 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS020-01

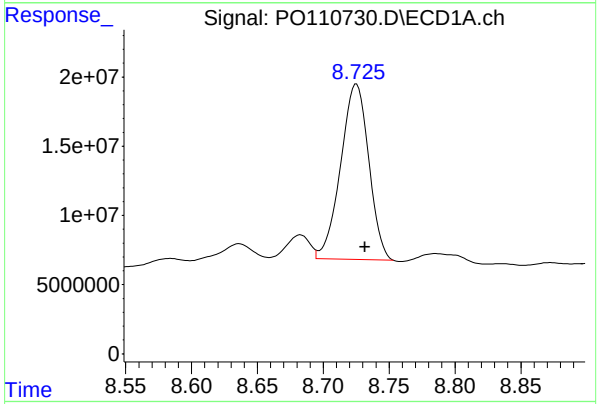
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



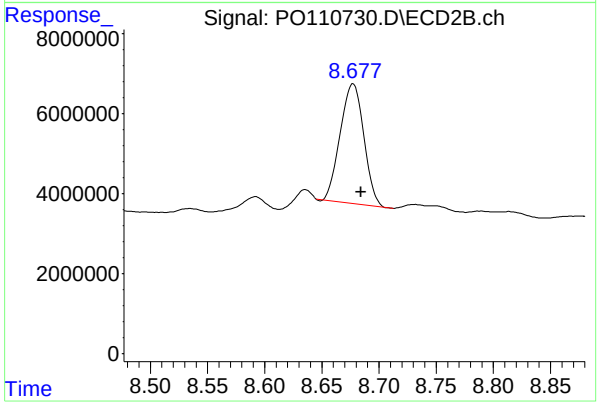
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 85436561
Conc: 17.12 ng/ml



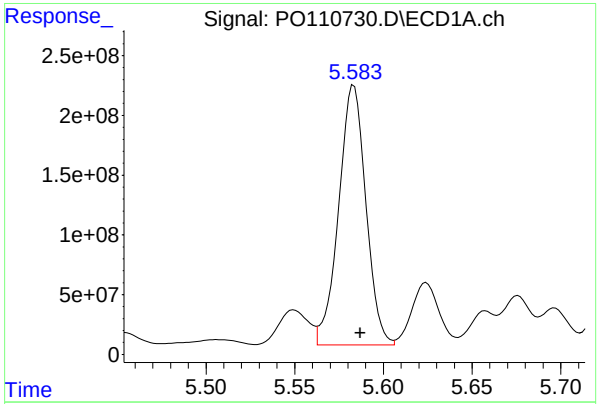
#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.007 min
Response: 188163233
Conc: 23.83 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.007 min
Response: 43020085
Conc: 22.35 ng/ml



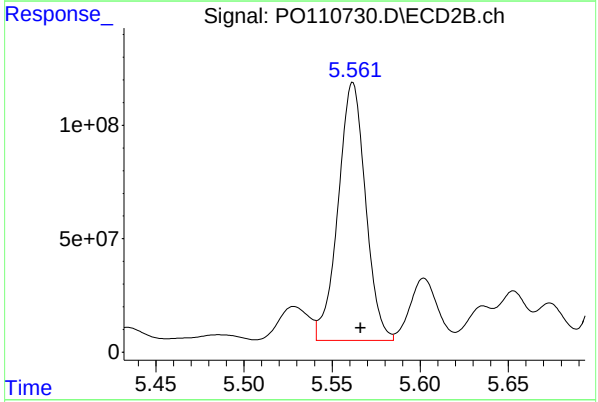
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 mi
Response: 2325117367
Conc: 4166.96 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS020-01

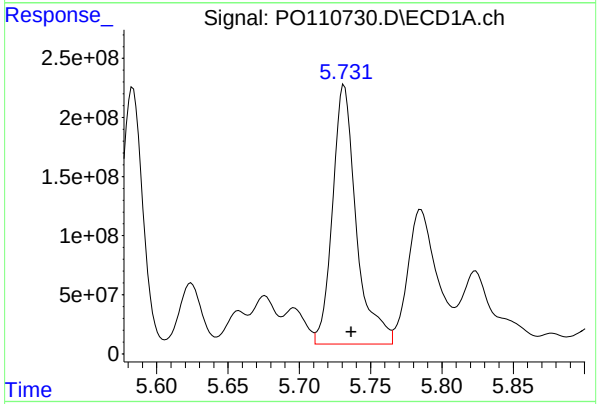
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



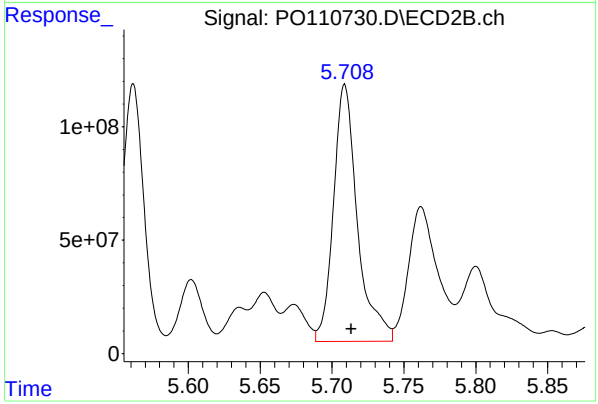
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 1230354560
Conc: 4080.79 ng/ml



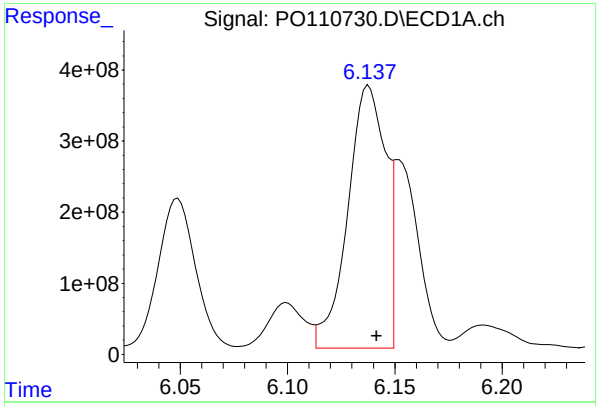
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.005 min
Response: 2539158106
Conc: 5227.80 ng/ml



#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 1315690847
Conc: 4970.77 ng/ml



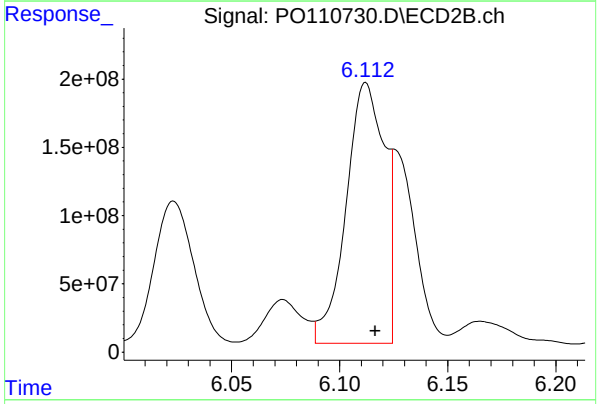
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.004 mi
Response: 4643038909
Conc: 5928.13 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS020-01

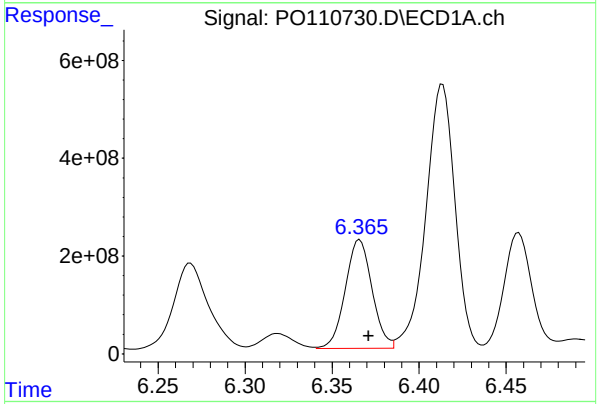
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



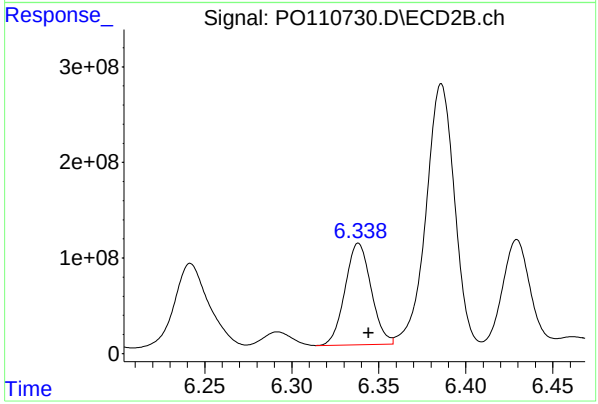
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 2324321034
Conc: 5761.60 ng/ml m



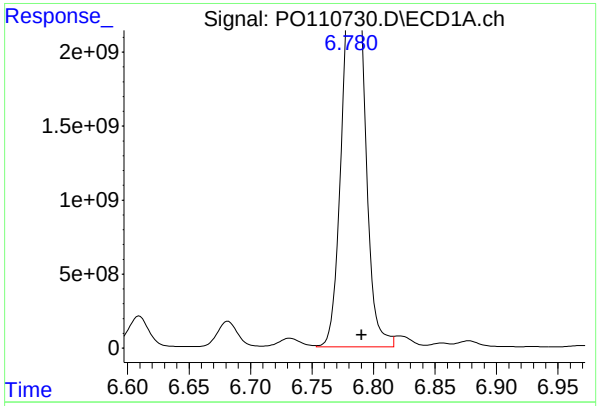
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 2379759569
Conc: 4880.50 ng/ml



#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 1105669042
Conc: 4813.27 ng/ml



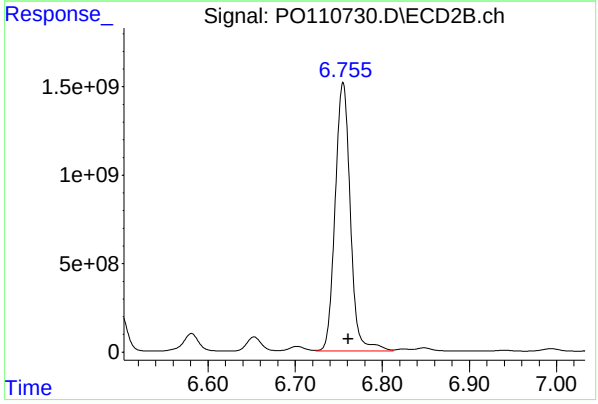
#30 AR-1254-5

R.T.: 6.780 min
Delta R.T.: -0.010 mi
Response: 26171410976
Conc: 37339.73 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS020-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 18414374152
Conc: 55416.29 ng/ml

Raw Data: **PO110789.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS020-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-26DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110789.D	25	04/25/25 08:20	04/28/25 10:57	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	116	UD	116	500	ug/kg
11104-28-2	Aroclor-1221	118	UD	118	500	ug/kg
11141-16-5	Aroclor-1232	109	UD	109	500	ug/kg
53469-21-9	Aroclor-1242	118	UD	118	500	ug/kg
12672-29-6	Aroclor-1248	174	UD	174	500	ug/kg
11097-69-1	Aroclor-1254	4500	D	94.3	500	ug/kg
37324-23-5	Aroclor-1262	148	UD	148	500	ug/kg
11100-14-4	Aroclor-1268	106	UD	106	500	ug/kg
11096-82-5	Aroclor-1260	94.9	UD	94.9	500	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.8		32 - 144	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.0		32 - 175	120%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:57
Operator : YP/AJ
Sample : Q1860-26DL 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS020-01DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:51:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.682	5534817	2778021	0.633	0.557
2)	SA Decachlor...	8.727	8.676	6664996	1847046	0.844	0.960
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.562	101.2E6	49995897	181.294	165.824
27)	L6 AR-1254-2	5.732	5.709	120.1E6	57717735	247.360	218.062
28)	L6 AR-1254-3	6.137	6.112	167.6E6	80917531	213.983	200.581
29)	L6 AR-1254-4	6.366	6.339	95727917	42639084	196.323	185.619
30)	L6 AR-1254-5	6.784	6.755	1036.3E6	459.4E6	1478.464	1382.575

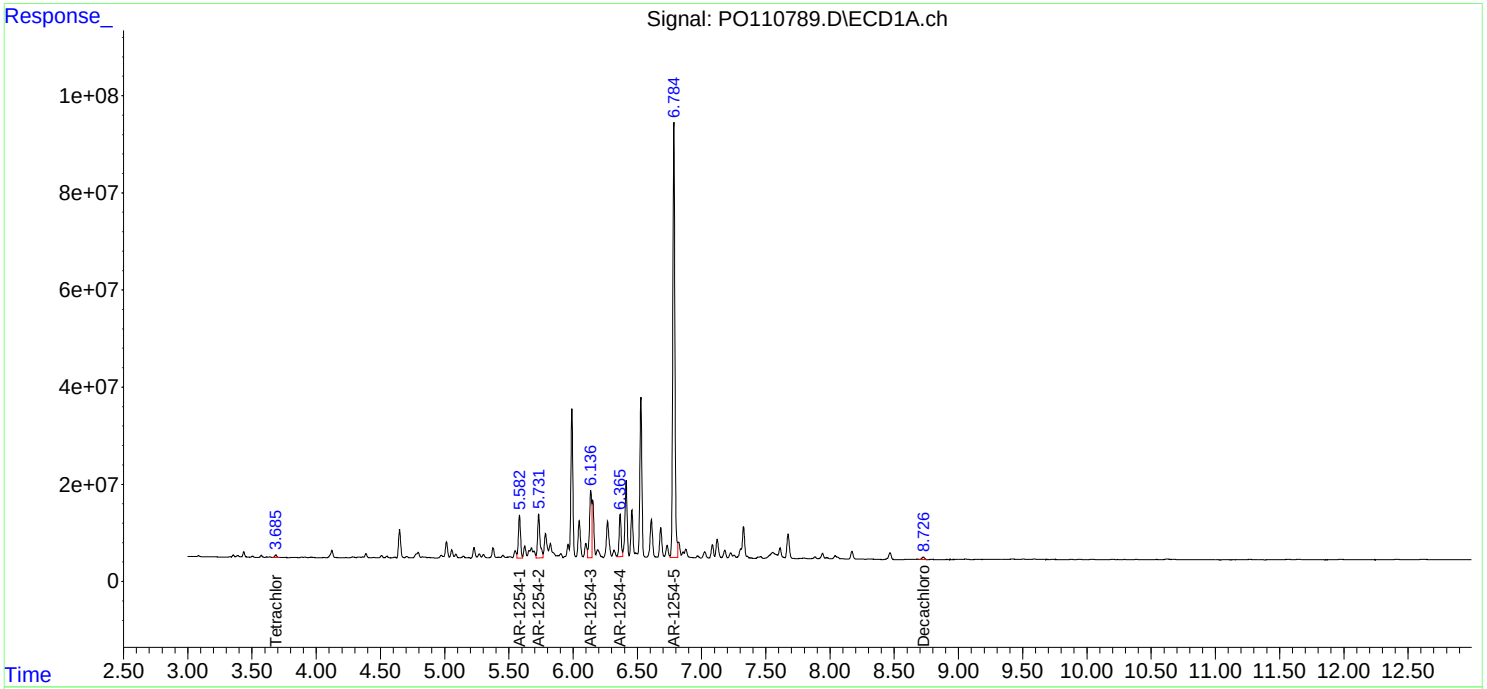
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

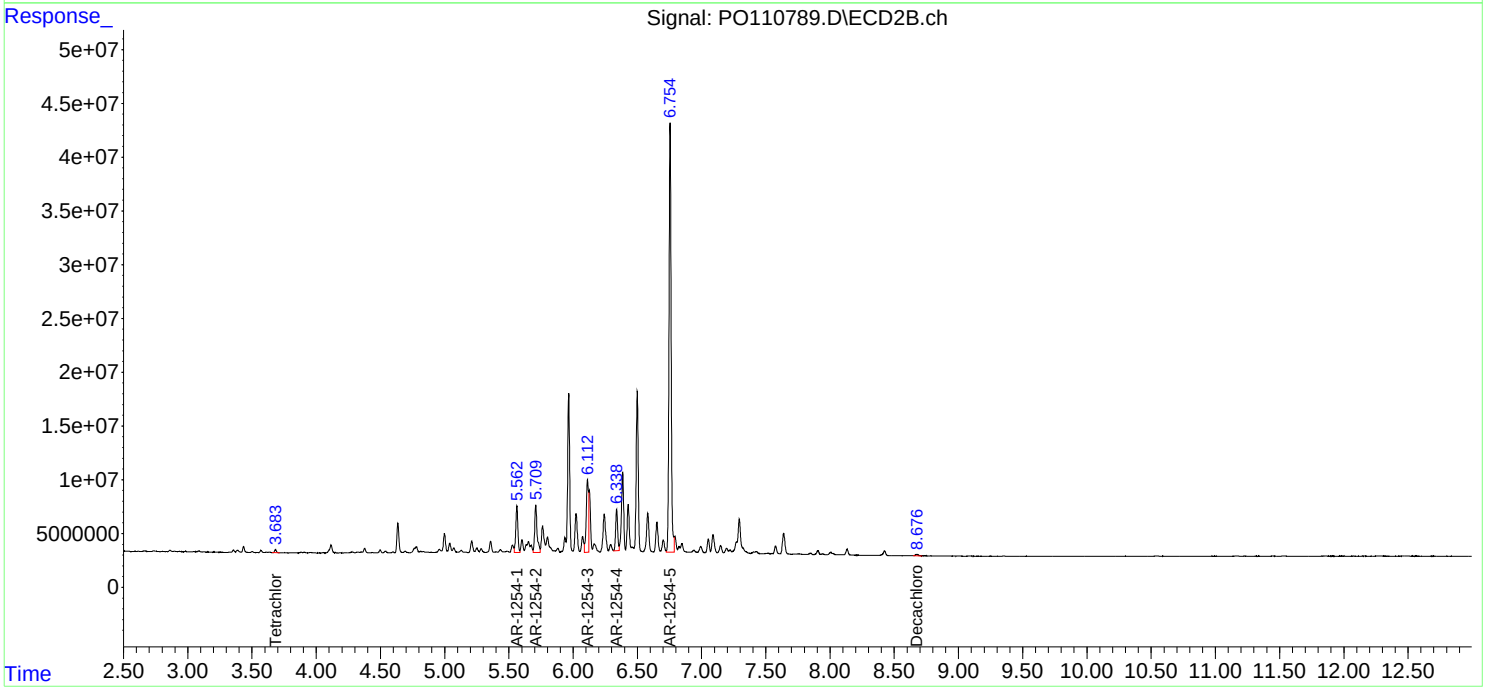
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:57
Operator : YP/AJ
Sample : Q1860-26DL 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

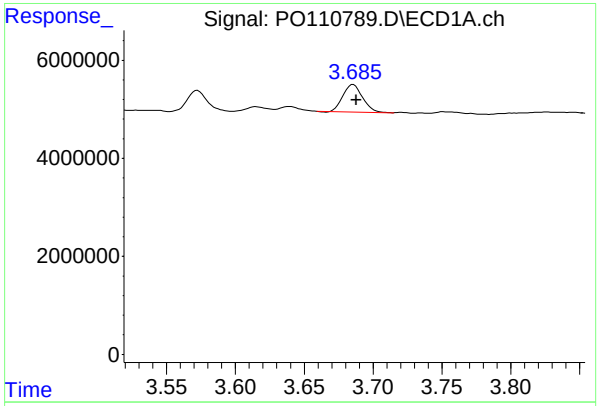
Instrument :
ECD_O
ClientSampleId :
P001-SS020-01DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:51:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



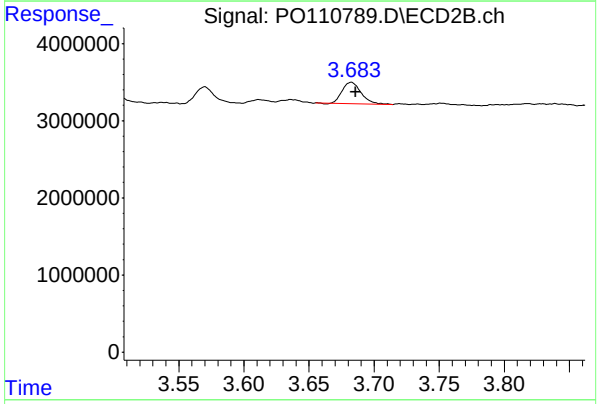




#1 Tetrachloro-m-xylene

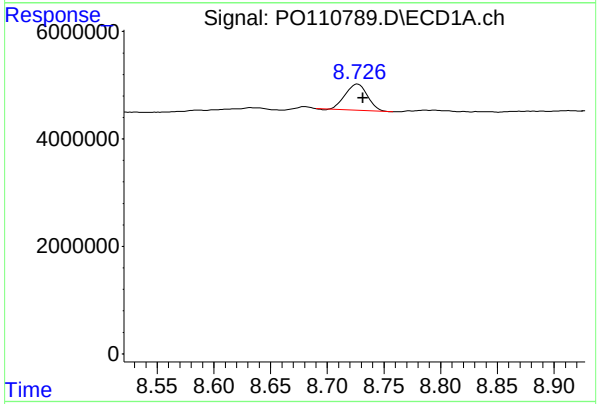
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 5534817
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS020-01DL



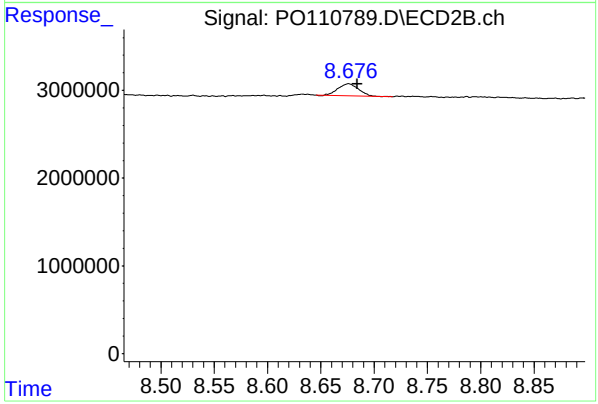
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.003 min
Response: 2778021
Conc: 0.56 ng/ml



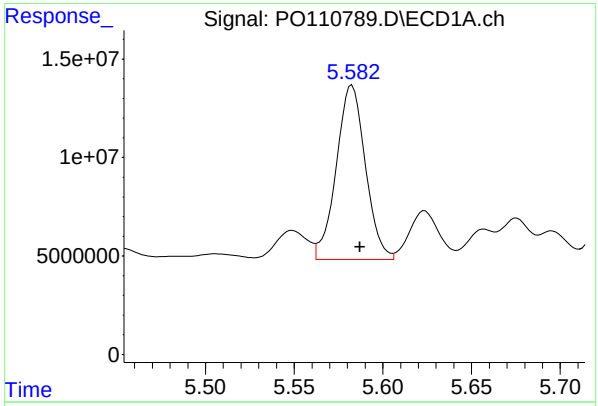
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 6664996
Conc: 0.84 ng/ml



#2 Decachlorobiphenyl

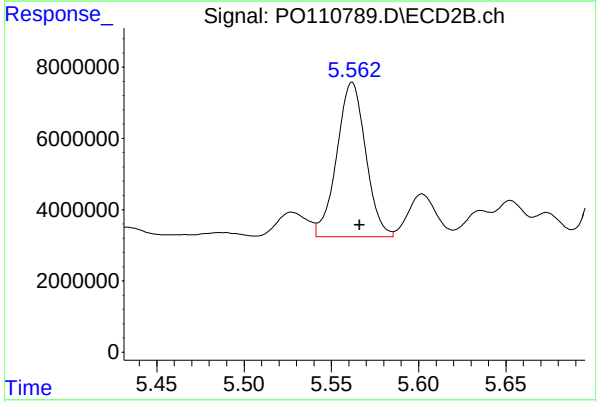
R.T.: 8.676 min
Delta R.T.: -0.008 min
Response: 1847046
Conc: 0.96 ng/ml



#26 AR-1254-1

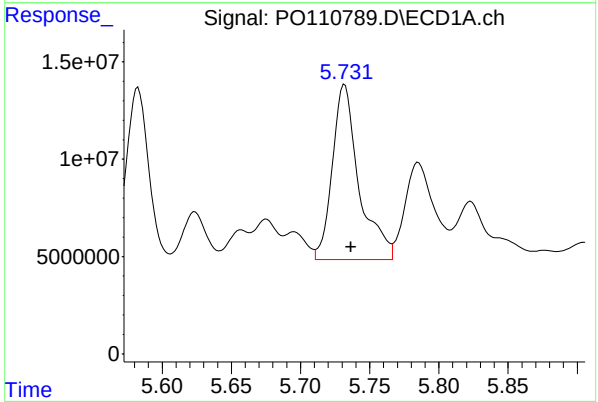
R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 101160010
Conc: 181.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS020-01DL



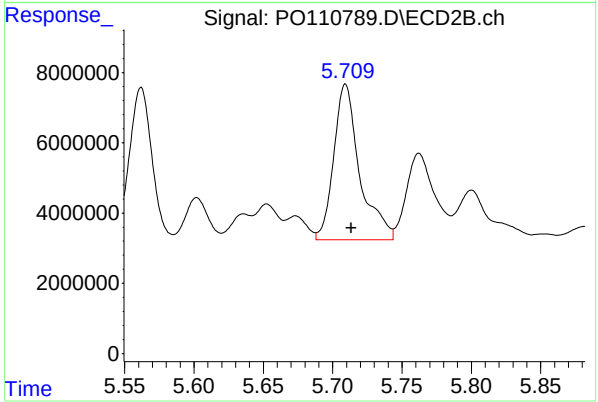
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 49995897
Conc: 165.82 ng/ml



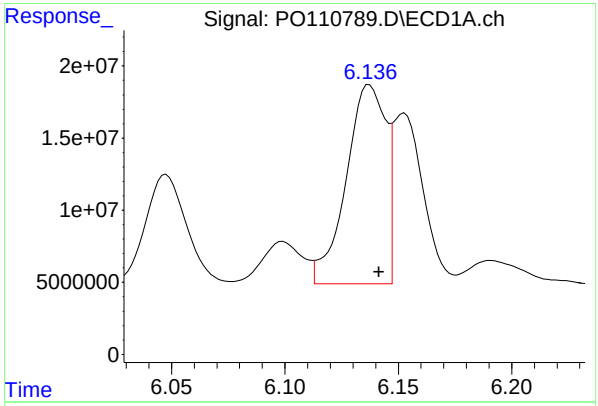
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.005 min
Response: 120143478
Conc: 247.36 ng/ml



#27 AR-1254-2

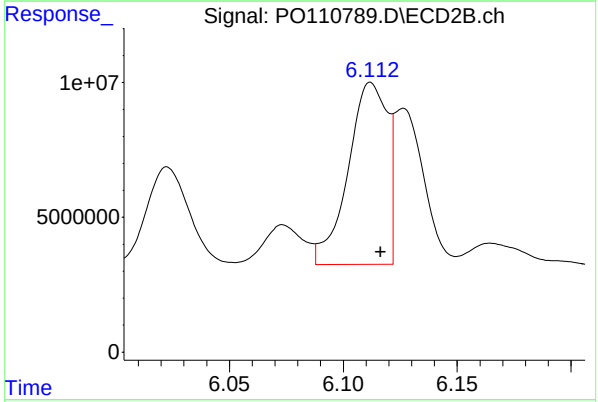
R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 57717735
Conc: 218.06 ng/ml



#28 AR-1254-3

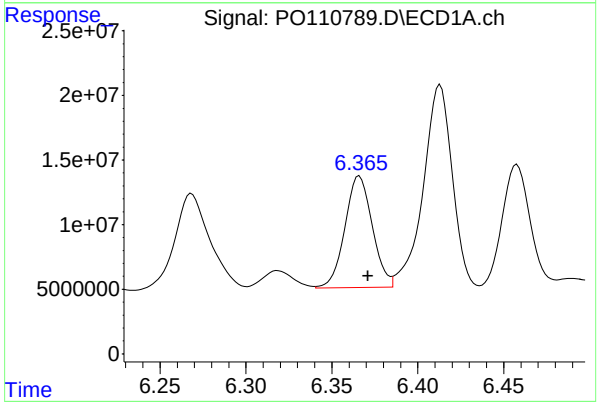
R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 167595758
Conc: 213.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS020-01DL



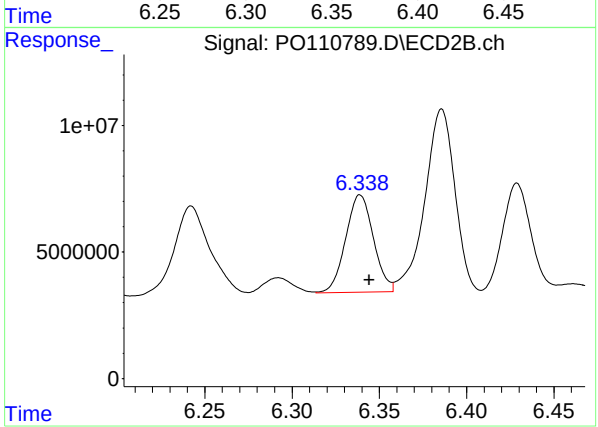
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 80917531
Conc: 200.58 ng/ml



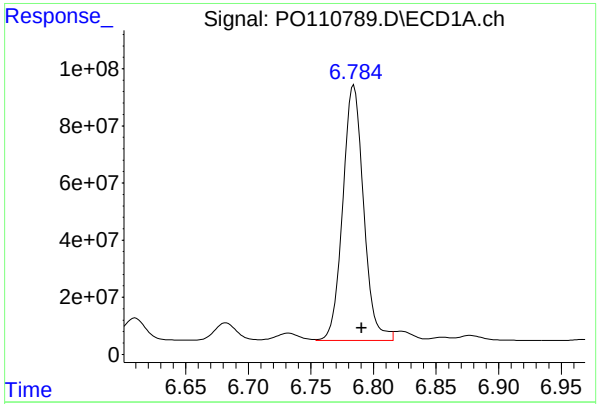
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 95727917
Conc: 196.32 ng/ml



#29 AR-1254-4

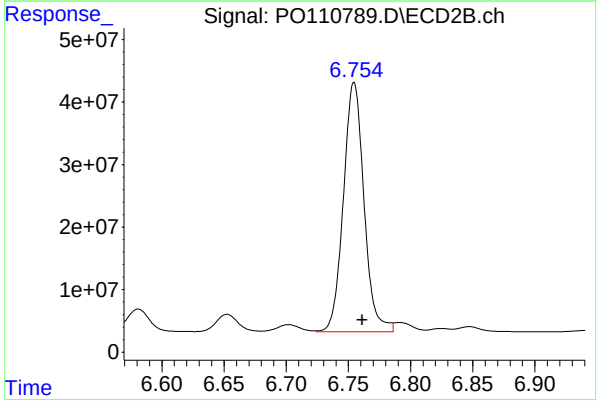
R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 42639084
Conc: 185.62 ng/ml



#30 AR-1254-5

R.T.: 6.784 min
Delta R.T.: -0.006 mi
Response: 1036255406
Conc: 1478.46 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS020-01DL



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 459418121
Conc: 1382.57 ng/ml

Raw Data: **PO110731.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS021-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-27	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110731.D	1	04/25/25 08:20	04/25/25 13:44	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.2	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.2	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.2	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.2	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.2	ug/kg
11097-69-1	Aroclor-1254	381	E	3.60	19.2	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.2	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.2	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	38.6	*	32 - 175	193%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110731.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110731.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 13:44
Operator : YP/AJ
Sample : Q1860-27
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS021-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:23:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	174.1E6	92246441	19.894	18.487
2)	SA Decachlor...	8.721	8.672	295.8E6	74404803	37.468m	38.652m
	Target Compounds						
26)	L6 AR-1254-1	5.584	5.563	417.7E6	222.9E6	748.519	739.146
27)	L6 AR-1254-2	5.733	5.710	372.4E6	185.2E6	766.703	699.791
28)	L6 AR-1254-3	6.137	6.112	875.1E6	453.7E6	1117.309	1124.727
29)	L6 AR-1254-4	6.367	6.339	334.3E6	157.2E6	685.494	684.201
30)	L6 AR-1254-5	6.786	6.756	1222.2E6	579.5E6	1743.770	1743.891

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110731.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 13:44
Operator : YP/AJ
Sample : Q1860-27
Misc :
ALS Vial : 13 Sample Multiplier: 1

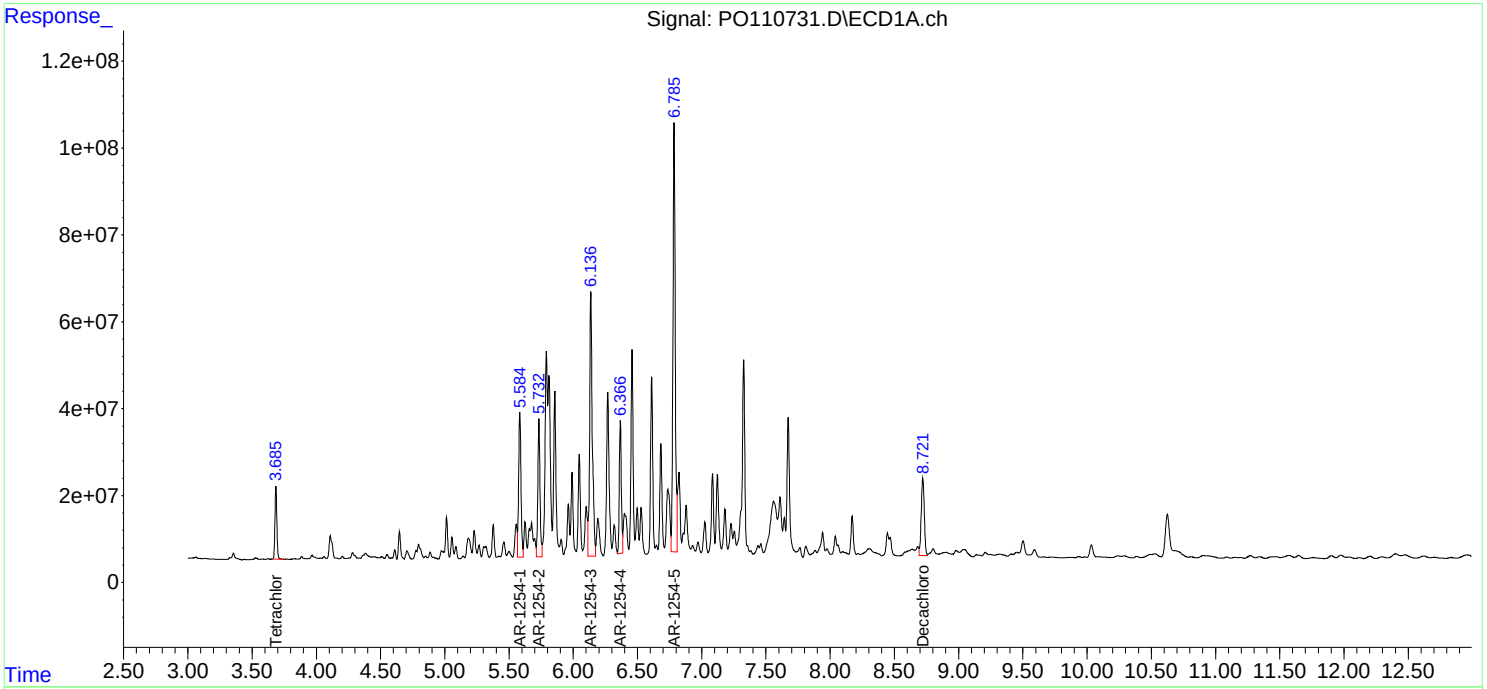
Instrument :
ECD_O
ClientSampleId :
P001-SS021-01

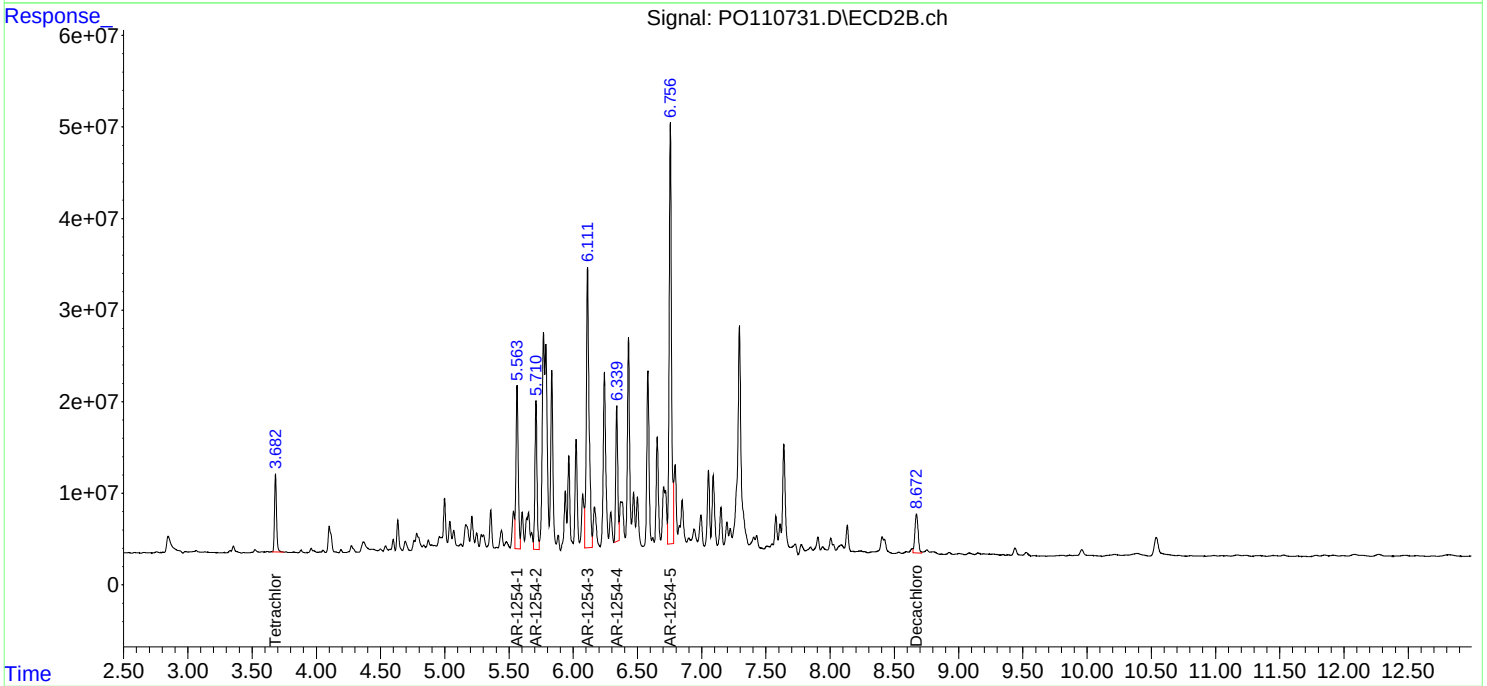
Manual Integrations APPROVED

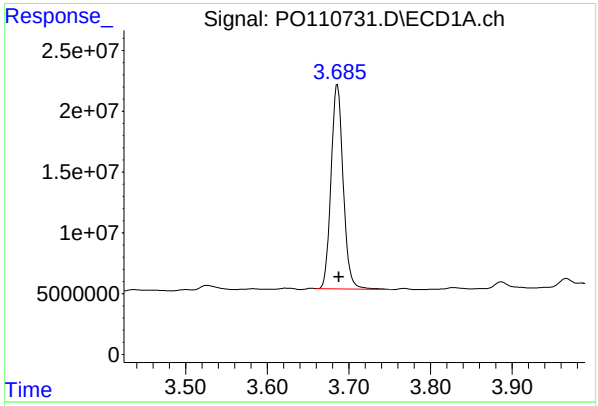
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:23:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







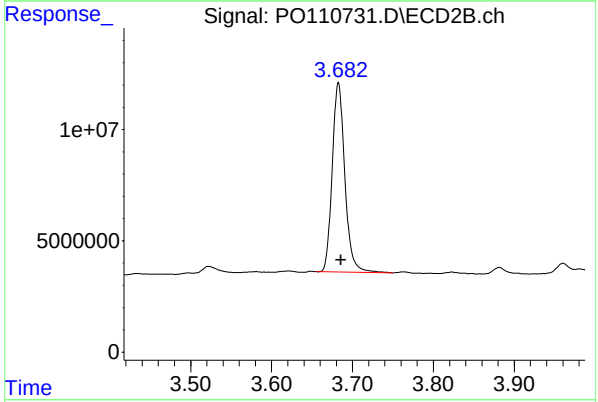
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 174052571
Conc: 19.89 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS021-01

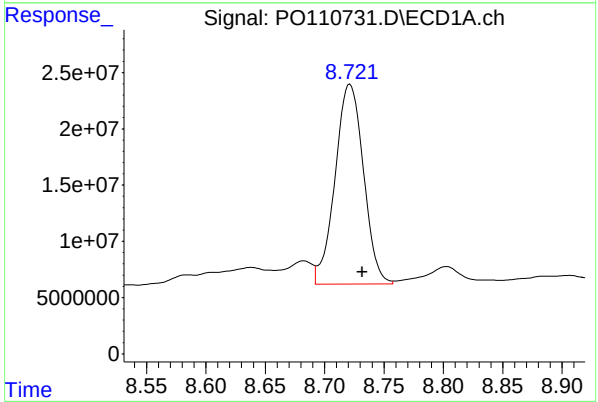
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



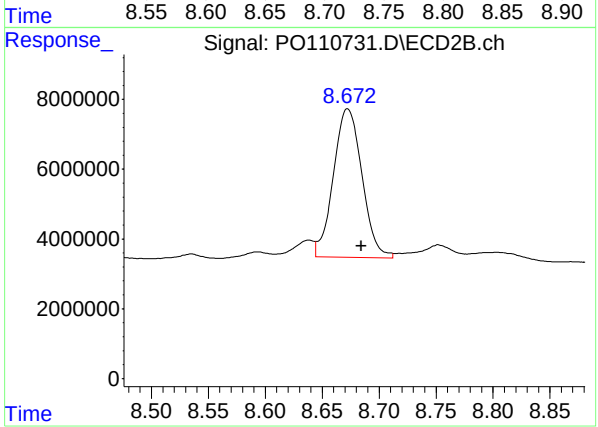
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 92246441
Conc: 18.49 ng/ml



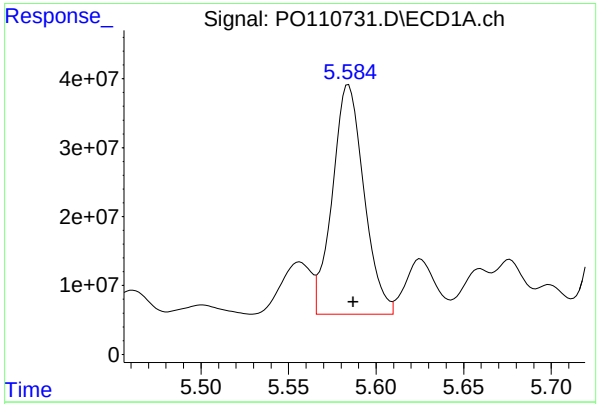
#2 Decachlorobiphenyl

R.T.: 8.721 min
Delta R.T.: -0.011 min
Response: 295810990
Conc: 37.47 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.672 min
Delta R.T.: -0.013 min
Response: 74404803
Conc: 38.65 ng/ml m



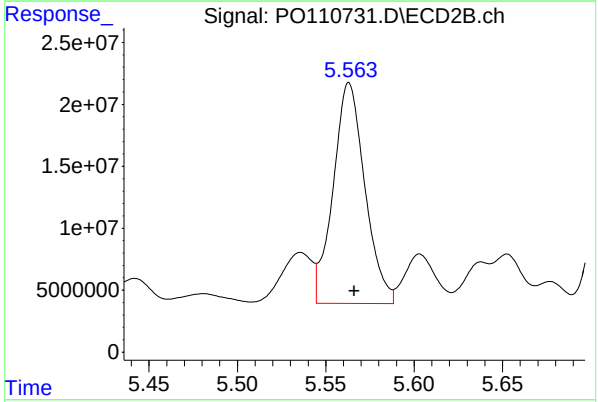
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 417665530
Conc: 748.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS021-01

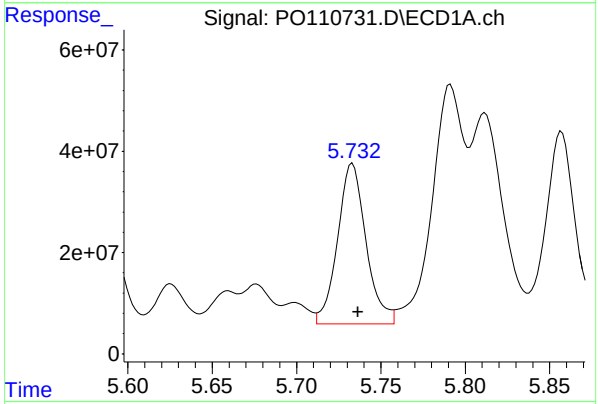
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



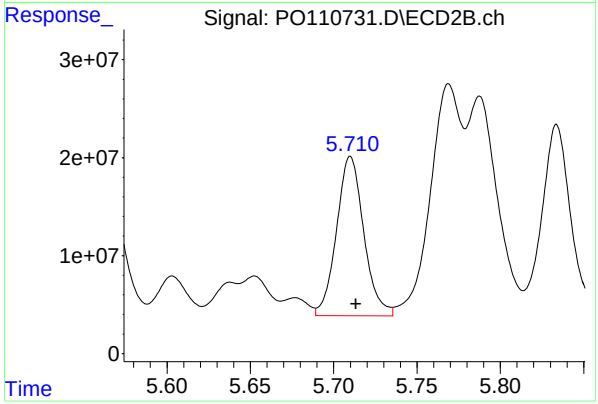
#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 222851918
Conc: 739.15 ng/ml



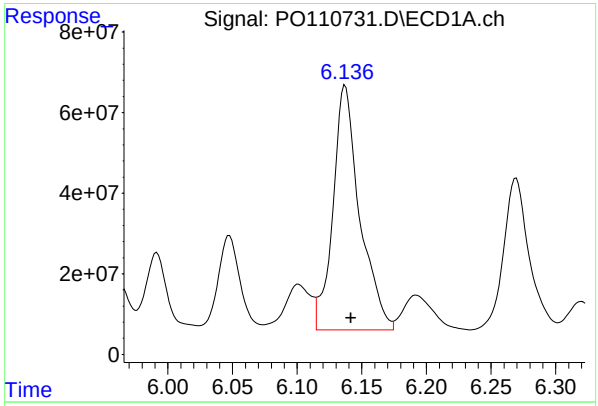
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.003 min
Response: 372389851
Conc: 766.70 ng/ml



#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 185224406
Conc: 699.79 ng/ml



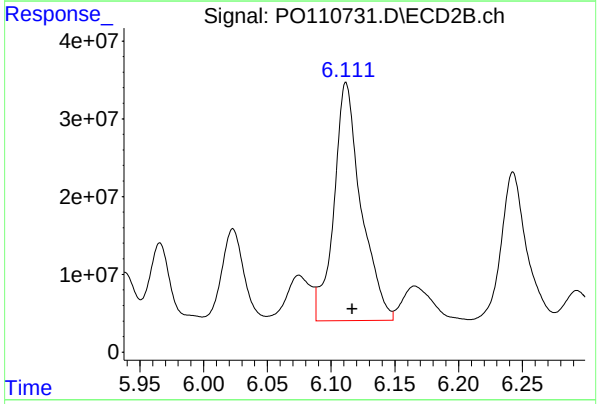
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 875100381
Conc: 1117.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS021-01

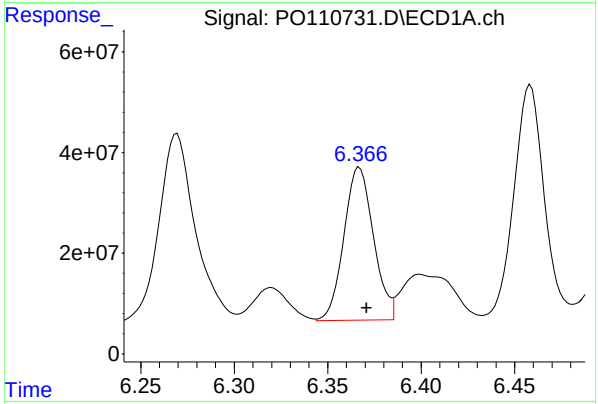
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



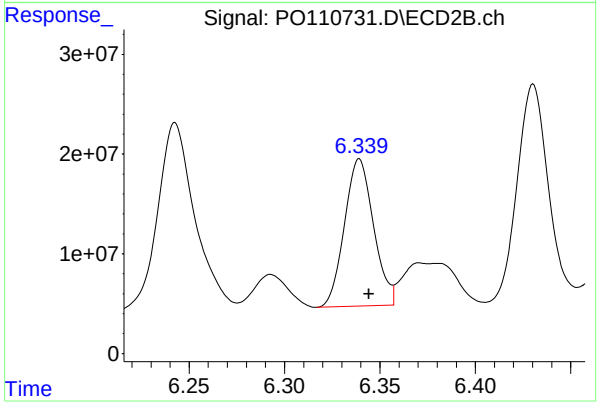
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 453732817
Conc: 1124.73 ng/ml



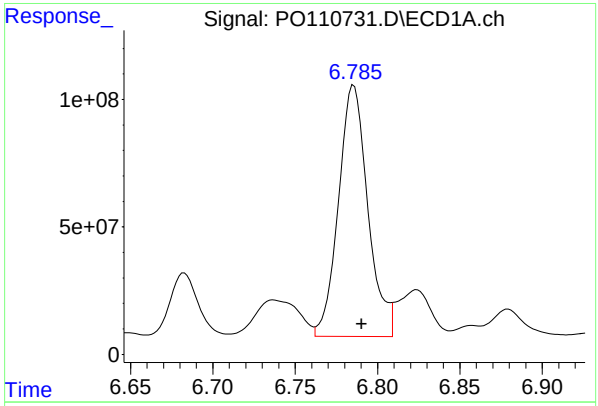
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 334250453
Conc: 685.49 ng/ml



#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 157169850
Conc: 684.20 ng/ml



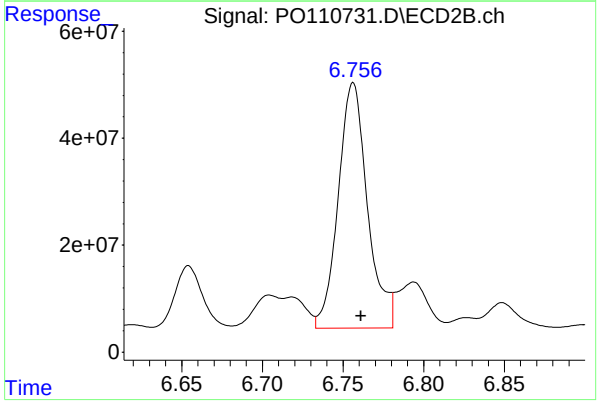
#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.005 min
Response: 1222208500
Conc: 1743.77 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS021-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 579480596
Conc: 1743.89 ng/ml

Raw Data: **PO110790.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS021-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-27DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110790.D	5	04/25/25 08:20	04/28/25 11:16	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.3	UD	22.3	95.9	ug/kg
11104-28-2	Aroclor-1221	22.7	UD	22.7	95.9	ug/kg
11141-16-5	Aroclor-1232	21.0	UD	21.0	95.9	ug/kg
53469-21-9	Aroclor-1242	22.6	UD	22.6	95.9	ug/kg
12672-29-6	Aroclor-1248	33.4	UD	33.4	95.9	ug/kg
11097-69-1	Aroclor-1254	400	D	18.1	95.9	ug/kg
37324-23-5	Aroclor-1262	28.3	UD	28.3	95.9	ug/kg
11100-14-4	Aroclor-1268	20.3	UD	20.3	95.9	ug/kg
11096-82-5	Aroclor-1260	18.2	UD	18.2	95.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	38.4	*	32 - 175	192%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110790.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110790.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 11:16
Operator : YP/AJ
Sample : Q1860-27DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS021-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:51:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.682	32805835	17090010	3.750	3.425
2)	SA Decachlor...	8.720	8.671	52642170	14755202	6.668m	7.665m
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.561	93460938	46964373	167.496	155.770
27)	L6 AR-1254-2	5.731	5.709	83721643	41362226	172.372	156.269
28)	L6 AR-1254-3	6.137	6.111	190.1E6	92721676	242.690	229.841
29)	L6 AR-1254-4	6.366	6.338	75537643	33076411	154.916	143.990
30)	L6 AR-1254-5	6.785	6.755	228.9E6	103.3E6	326.641	310.890

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110790.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 11:16
Operator : YP/AJ
Sample : Q1860-27DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

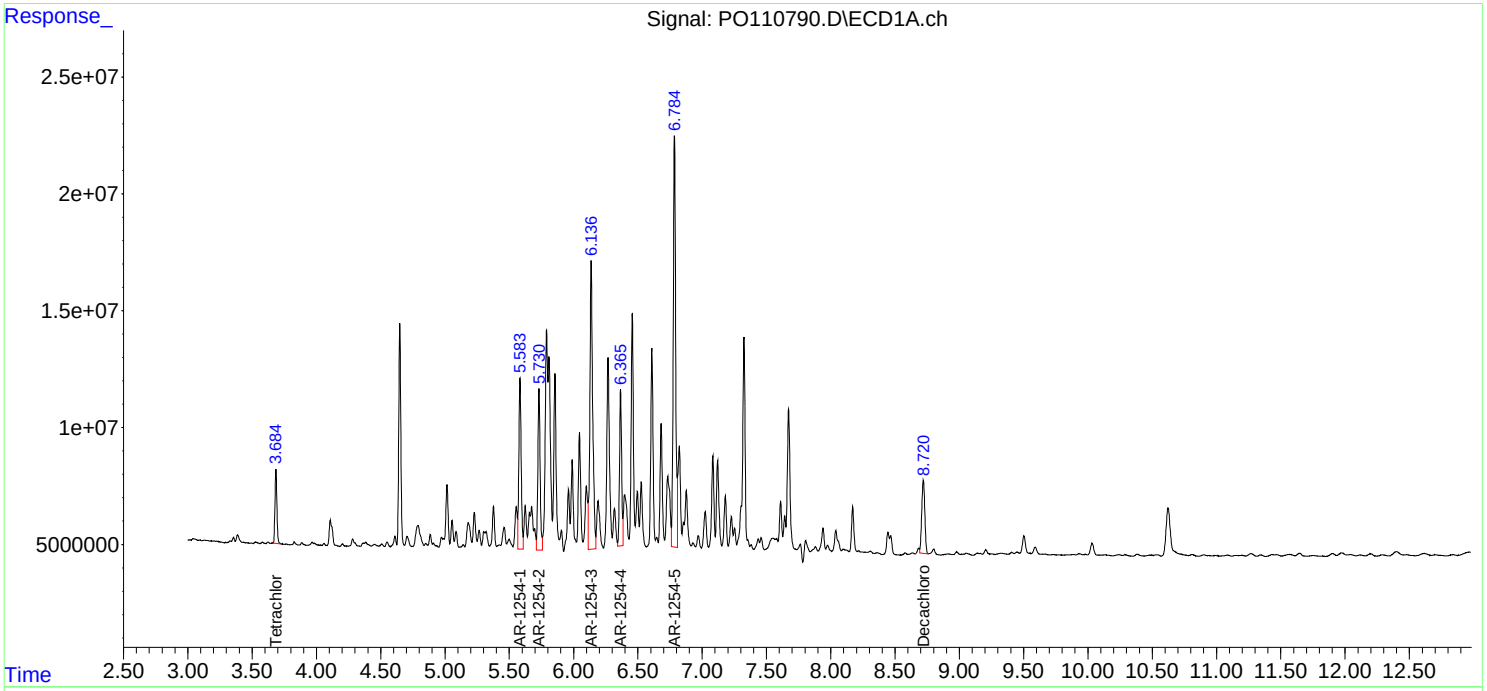
Instrument :
ECD_O
ClientSampleId :
P001-SS021-01DL

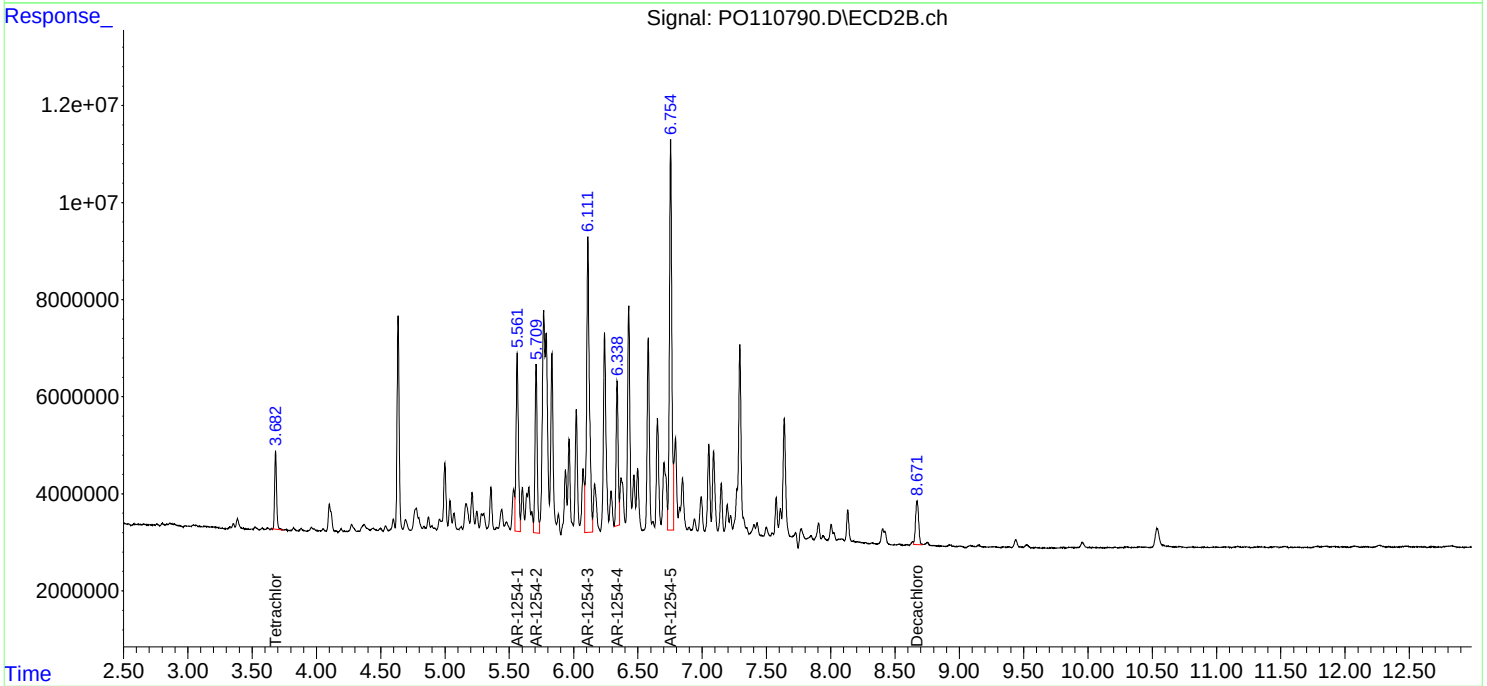
Manual Integrations APPROVED

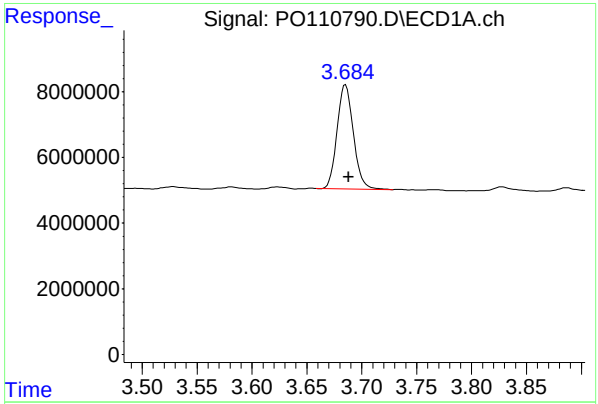
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:51:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







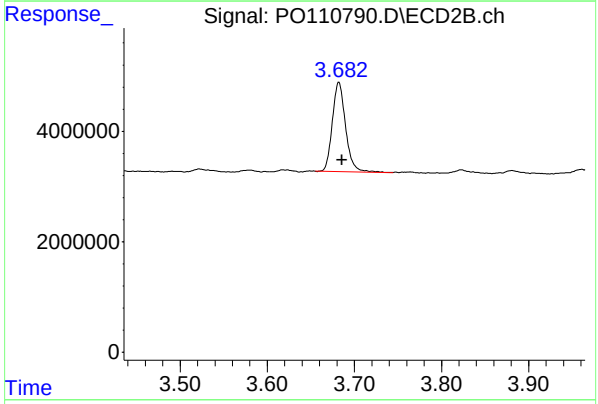
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.003 mi
Response: 32805835
Conc: 3.75 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS021-01DL

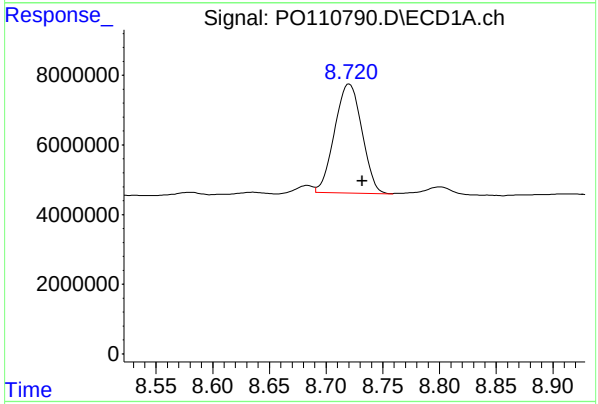
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



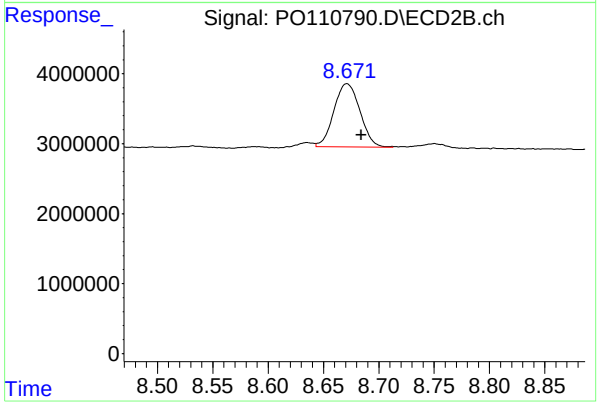
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 17090010
Conc: 3.43 ng/ml



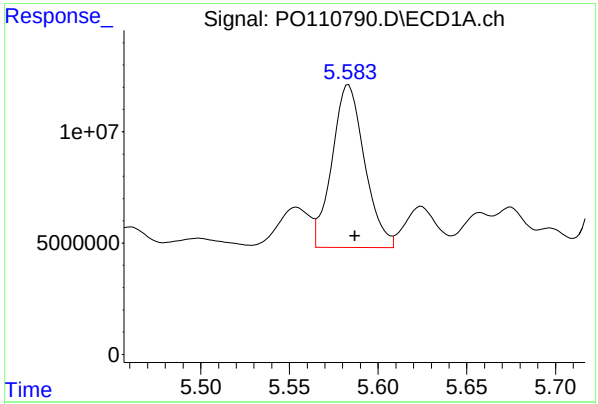
#2 Decachlorobiphenyl

R.T.: 8.720 min
Delta R.T.: -0.012 min
Response: 52642170
Conc: 6.67 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: -0.013 min
Response: 14755202
Conc: 7.67 ng/ml m



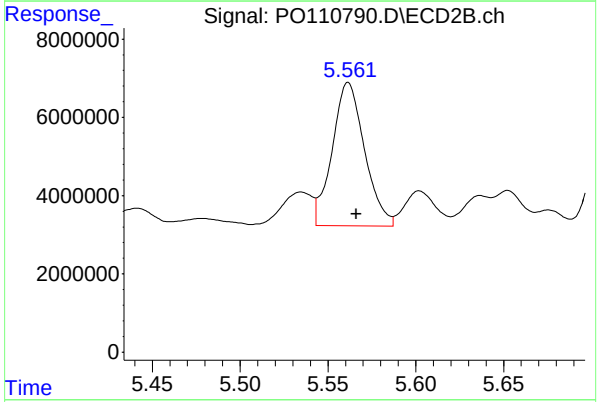
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 93460938
Conc: 167.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS021-01DL

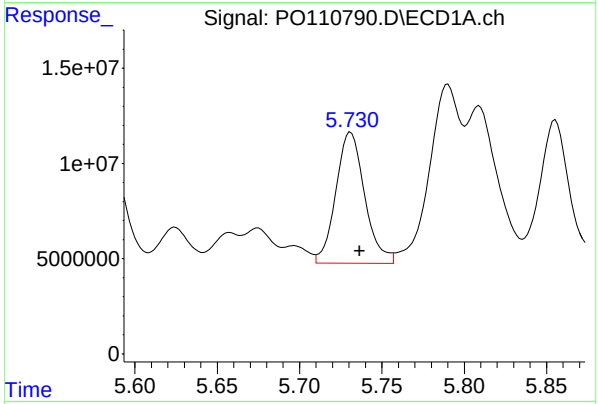
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



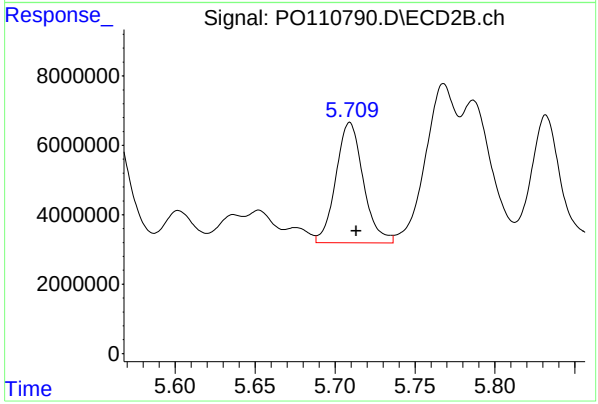
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 46964373
Conc: 155.77 ng/ml



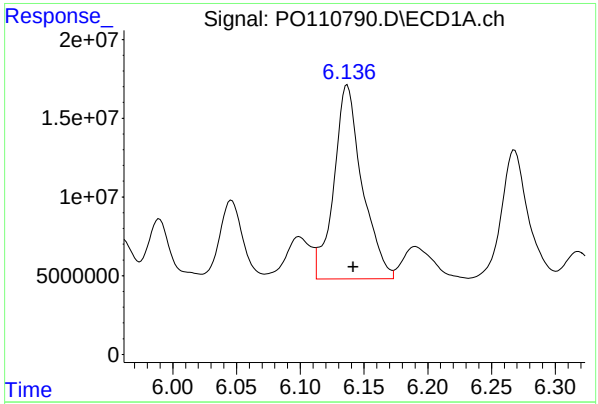
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.005 min
Response: 83721643
Conc: 172.37 ng/ml



#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 41362226
Conc: 156.27 ng/ml



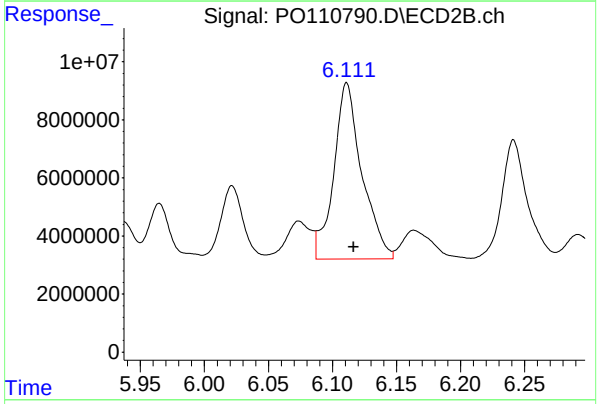
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 190079930
Conc: 242.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS021-01DL

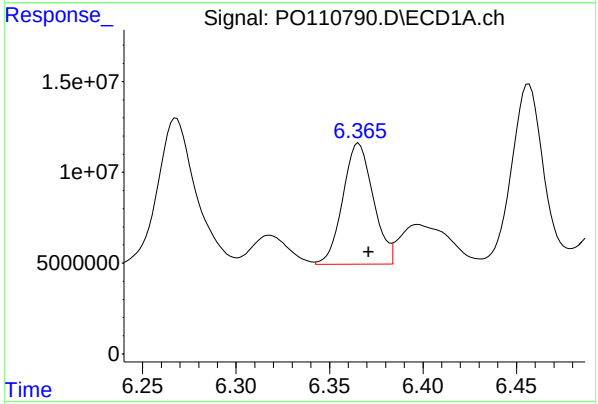
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



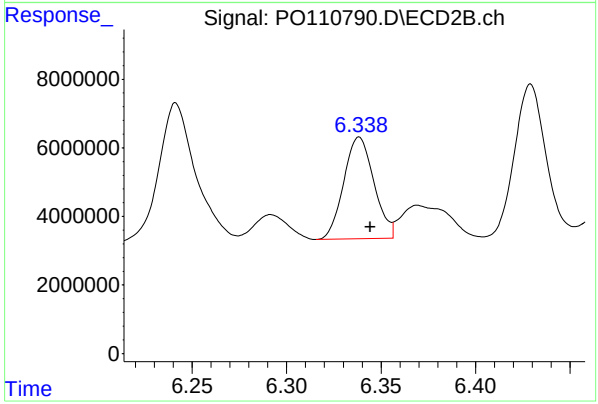
#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.005 min
Response: 92721676
Conc: 229.84 ng/ml



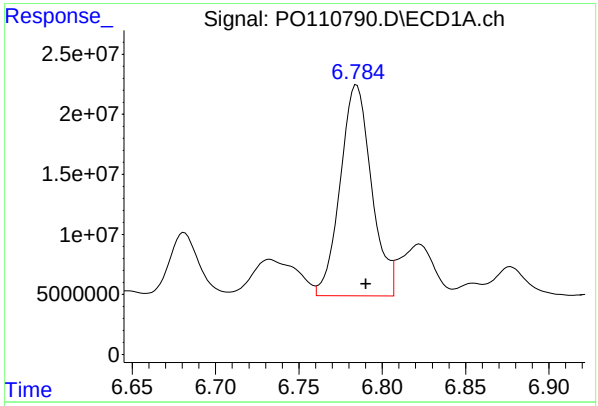
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 75537643
Conc: 154.92 ng/ml



#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 33076411
Conc: 143.99 ng/ml



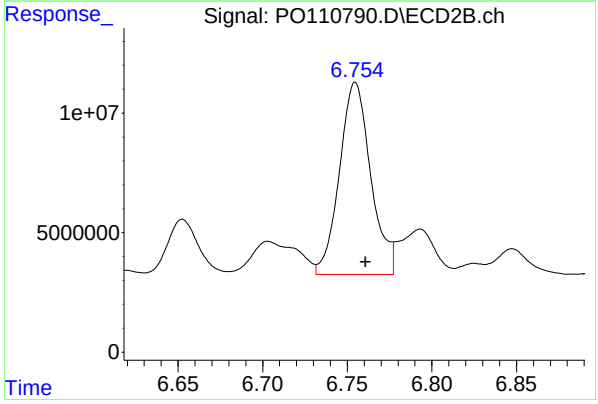
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.006 min
Response: 228942659
Conc: 326.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS021-01DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 103306077
Conc: 310.89 ng/ml

Raw Data: **PO110732.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS022-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-28	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.5 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110732.D	1	04/25/25 08:20	04/25/25 14:03	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.3	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.3	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.3	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.3	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.3	ug/kg
11097-69-1	Aroclor-1254	203		3.80	20.3	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.3	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.3	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	30.9		32 - 175	155%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 14:03
Operator : YP/AJ
Sample : Q1860-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS022-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:24:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.682	160.7E6	87024292	18.372	17.440
2)	SA Decachlor...	8.720	8.673	244.0E6	58707436	30.910	30.498
	Target Compounds						
26)	L6 AR-1254-1	5.584	5.563	198.3E6	110.8E6	355.334	367.384
27)	L6 AR-1254-2	5.733	5.710	171.8E6	87897466	353.621	332.083
28)	L6 AR-1254-3	6.137	6.112	430.3E6	233.6E6	549.456	579.065
29)	L6 AR-1254-4	6.366	6.340	137.7E6	70075932	282.423	305.059
30)	L6 AR-1254-5	6.786	6.756	647.3E6	319.2E6	923.481	960.547

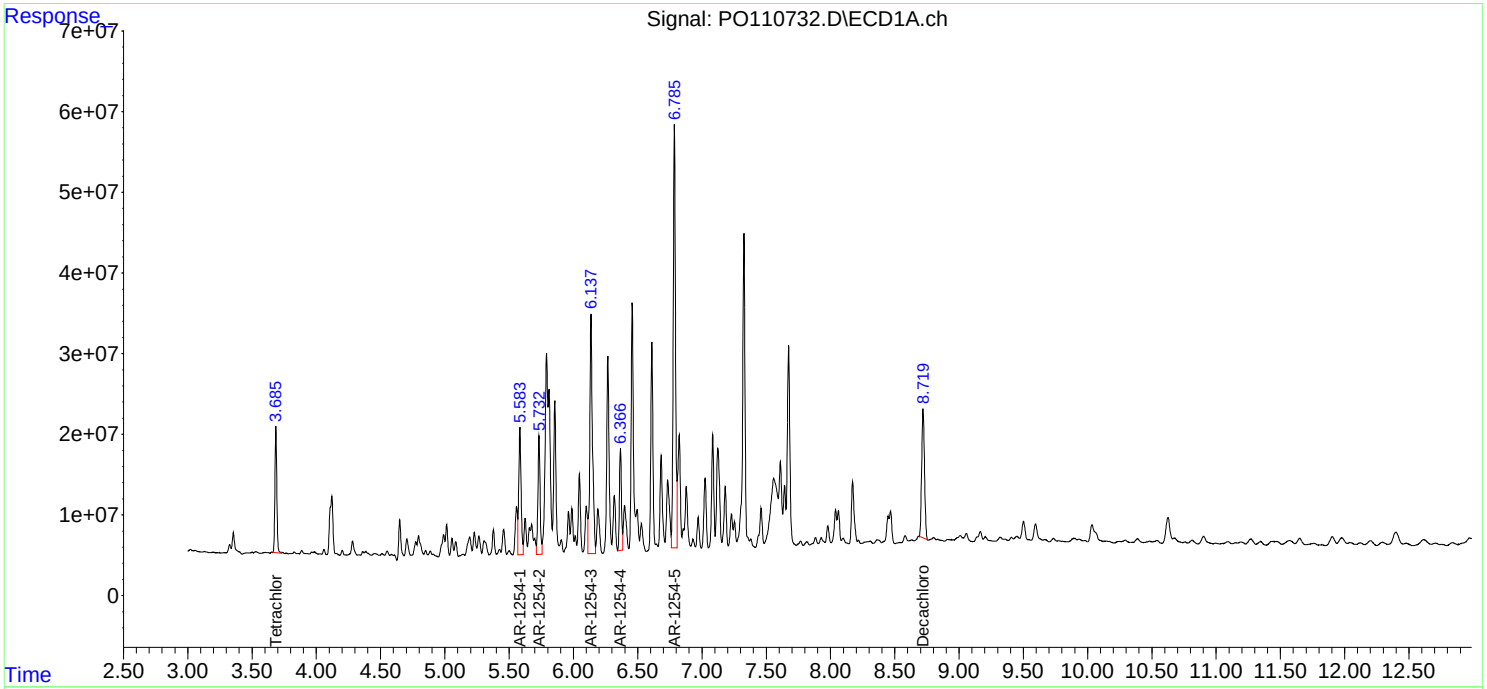
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

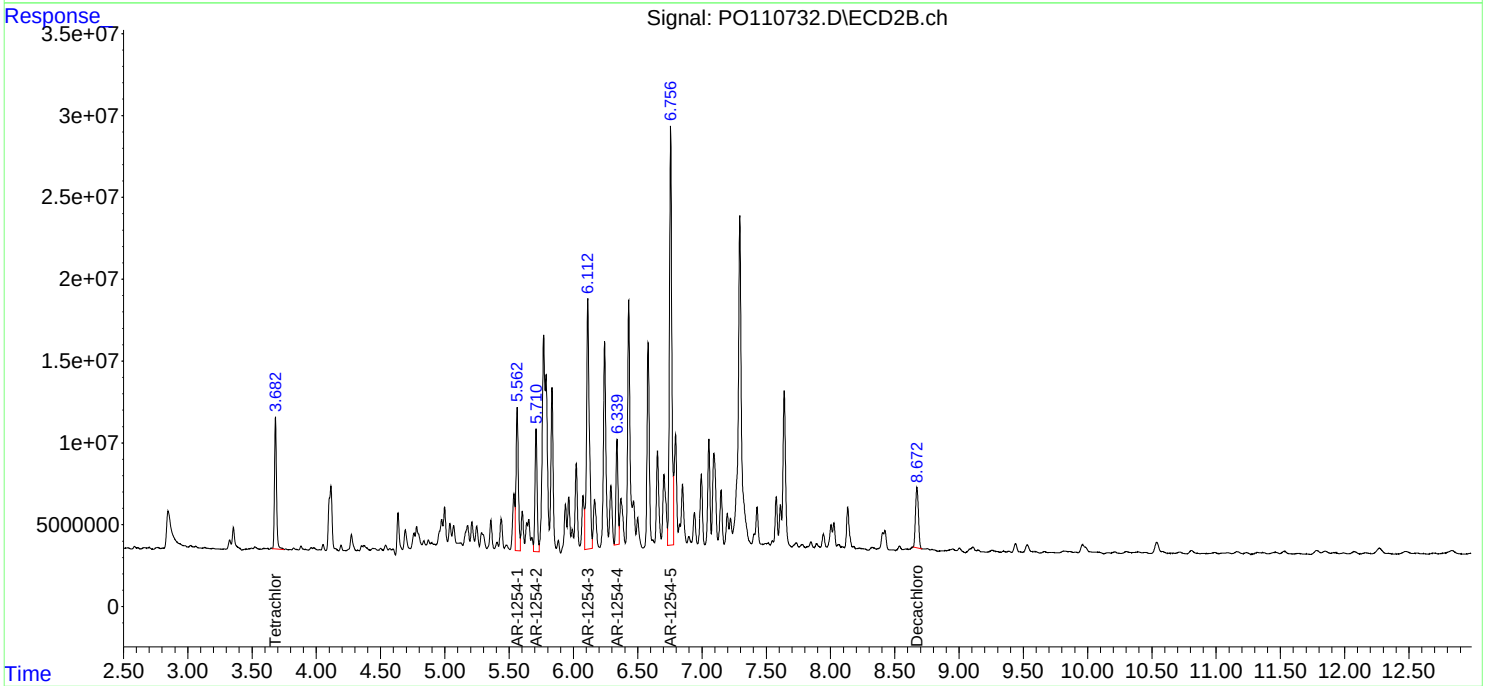
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 14:03
Operator : YP/AJ
Sample : Q1860-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

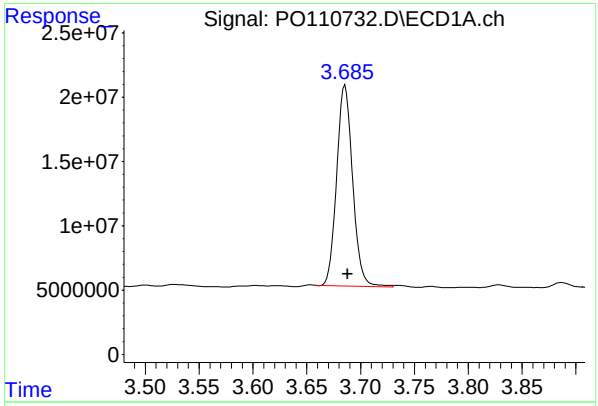
Instrument :
ECD_O
ClientSampleId :
P001-SS022-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:24:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



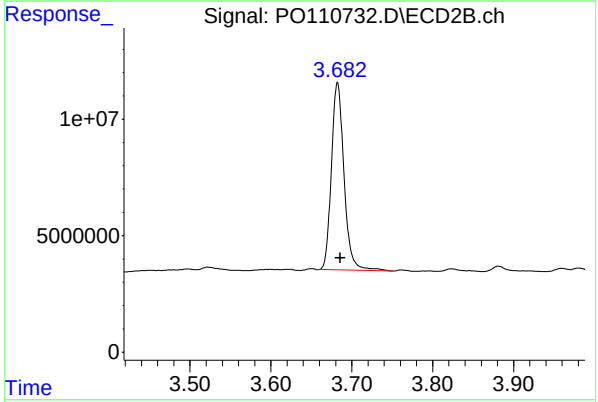




#1 Tetrachloro-m-xylene

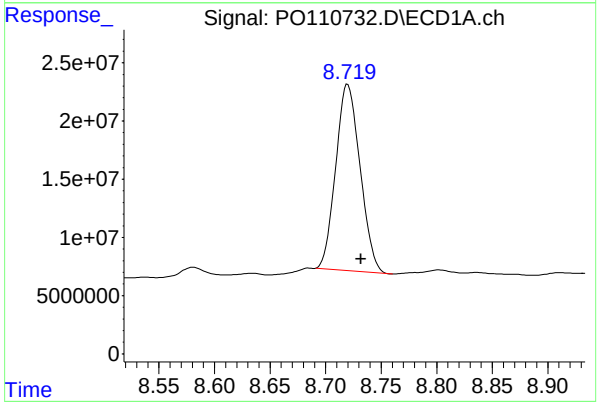
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 160736177
Conc: 18.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS022-01



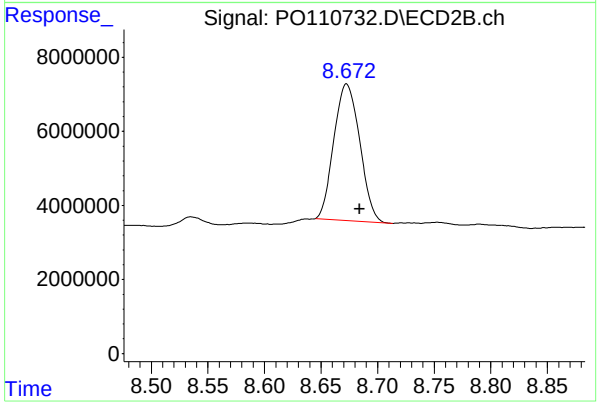
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.003 min
Response: 87024292
Conc: 17.44 ng/ml



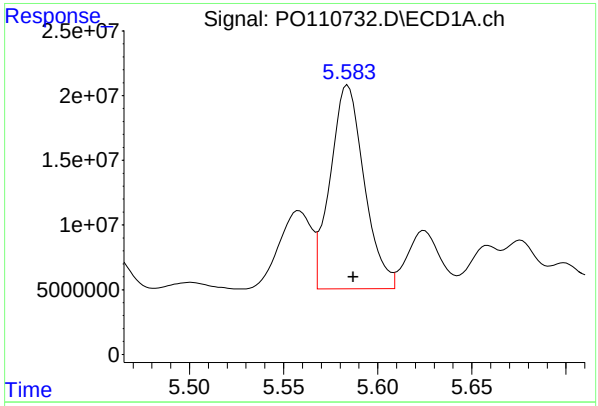
#2 Decachlorobiphenyl

R.T.: 8.720 min
Delta R.T.: -0.012 min
Response: 244036736
Conc: 30.91 ng/ml



#2 Decachlorobiphenyl

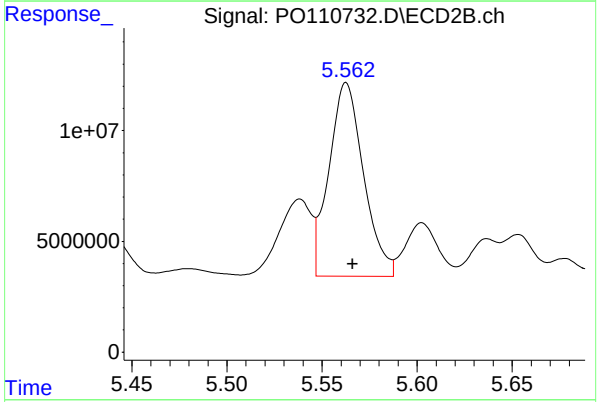
R.T.: 8.673 min
Delta R.T.: -0.012 min
Response: 58707436
Conc: 30.50 ng/ml



#26 AR-1254-1

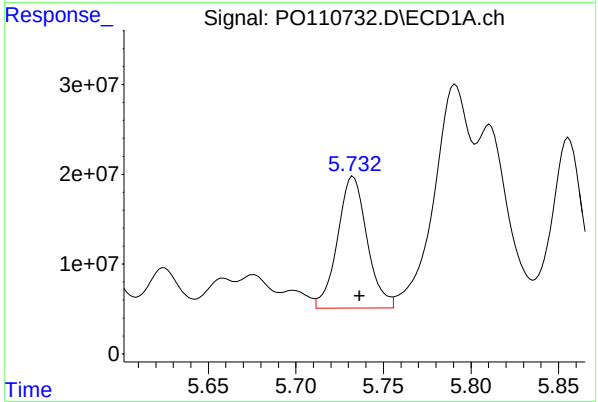
R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 198272577
Conc: 355.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS022-01



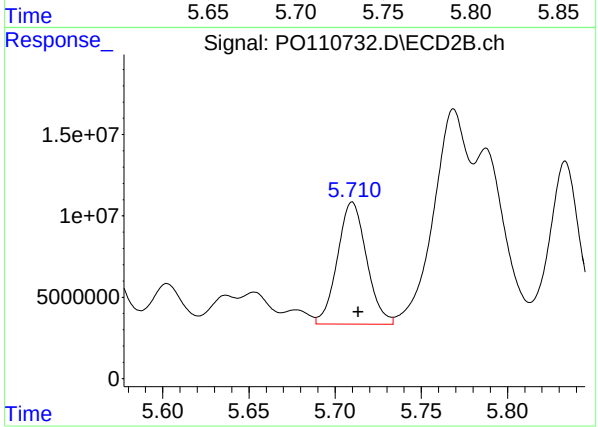
#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 110765991
Conc: 367.38 ng/ml



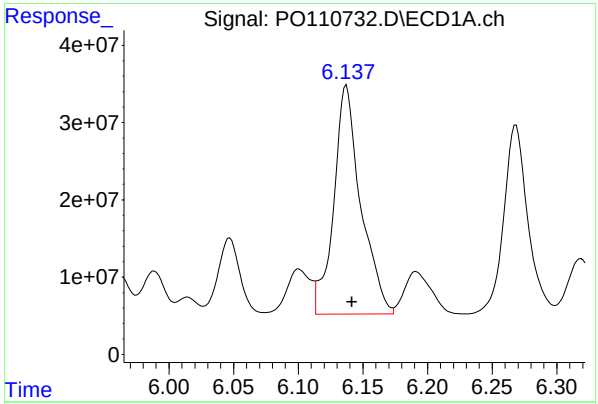
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 171754612
Conc: 353.62 ng/ml



#27 AR-1254-2

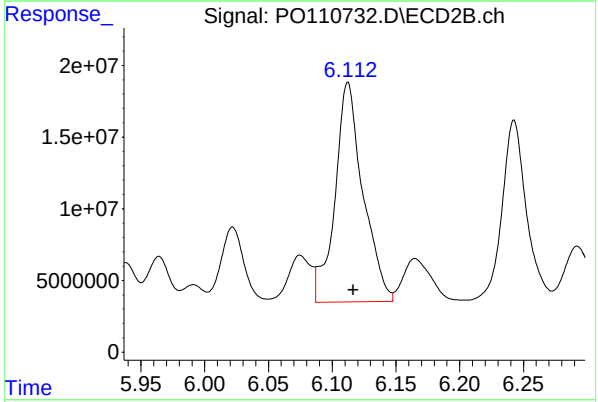
R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 87897466
Conc: 332.08 ng/ml



#28 AR-1254-3

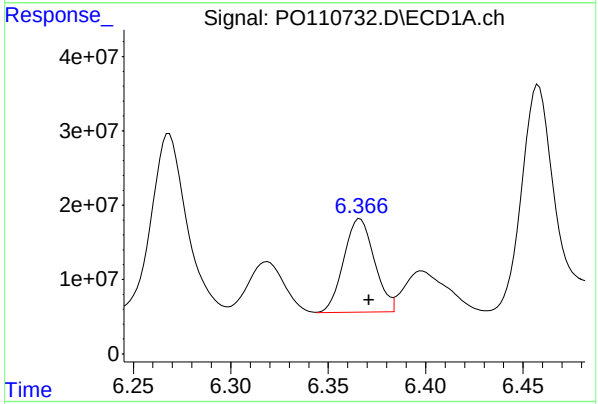
R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 430346044
Conc: 549.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS022-01



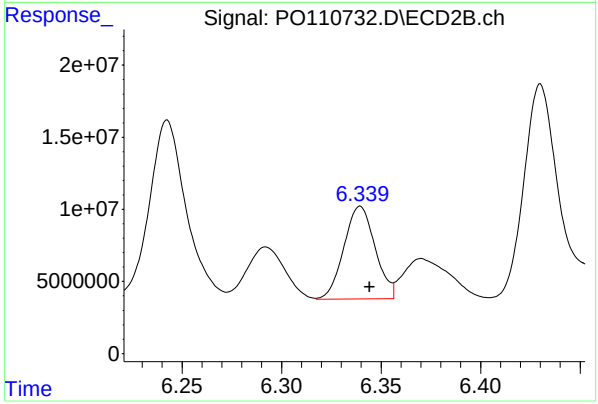
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 233603993
Conc: 579.06 ng/ml



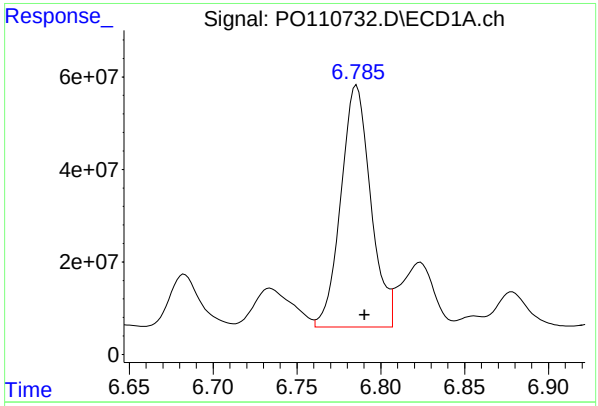
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 137711152
Conc: 282.42 ng/ml



#29 AR-1254-4

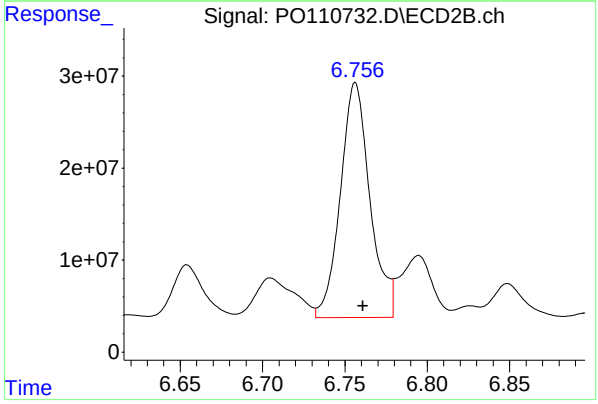
R.T.: 6.340 min
Delta R.T.: -0.005 min
Response: 70075932
Conc: 305.06 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.005 min
Response: 647267697
Conc: 923.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS022-01



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 319181713
Conc: 960.55 ng/ml

Raw Data: **PO110733.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS023-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-29	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110733.D	1	04/25/25 08:20	04/25/25 14:21	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.2	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.2	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.2	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.2	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.2	ug/kg
11097-69-1	Aroclor-1254	410	E	3.80	20.2	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.2	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.2	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.1		32 - 144	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	30.4		32 - 175	152%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 14:21
Operator : YP/AJ
Sample : Q1860-29
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS023-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:24:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.683	149.7E6	80179395	17.107	16.069
2)	SA Decachlor...	8.719	8.672	234.6E6	58570441	29.713	30.426
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.562	356.3E6	195.5E6	638.541	648.589
27)	L6 AR-1254-2	5.732	5.710	329.6E6	156.8E6	678.533	592.243
28)	L6 AR-1254-3	6.137	6.112	773.5E6	412.8E6	987.564	1023.162
29)	L6 AR-1254-4	6.366	6.340	265.4E6	134.0E6	544.298	583.175
30)	L6 AR-1254-5	6.785	6.756	1599.8E6	774.3E6	2282.517	2330.157

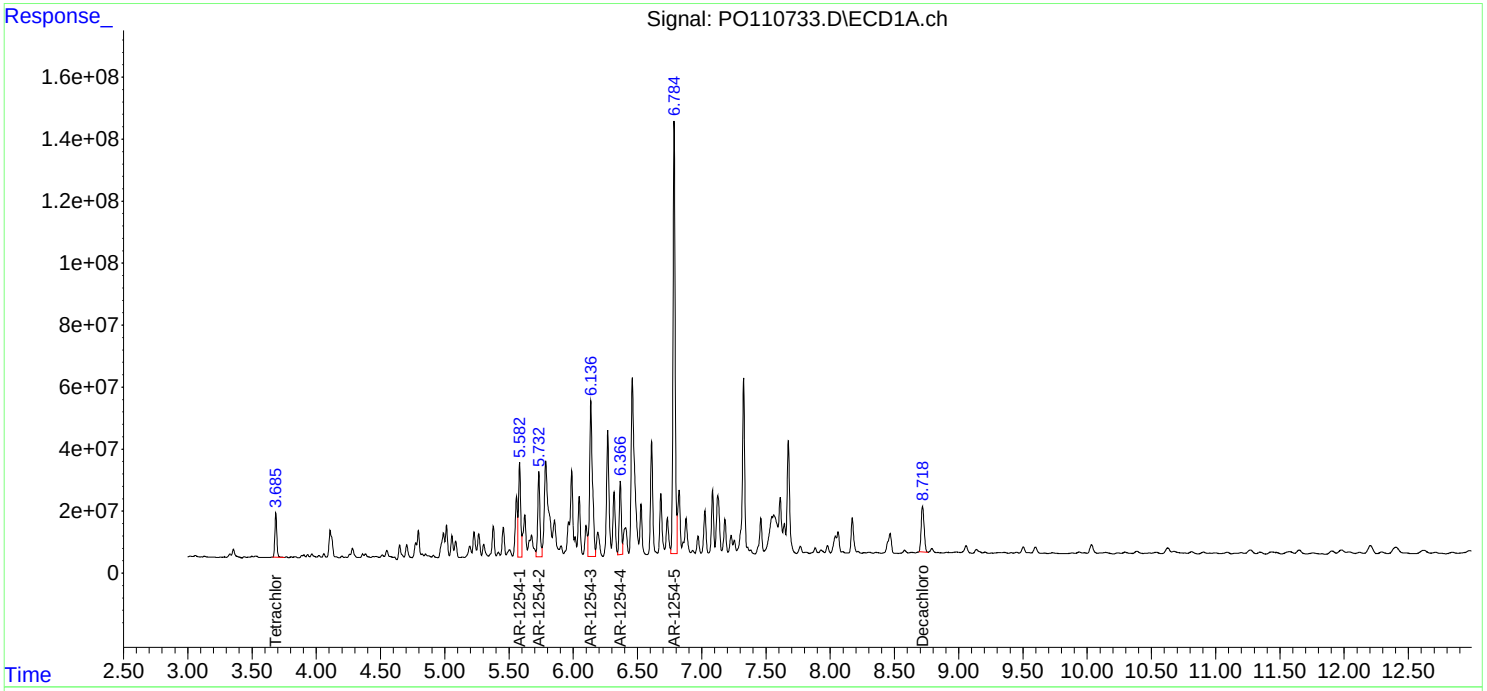
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

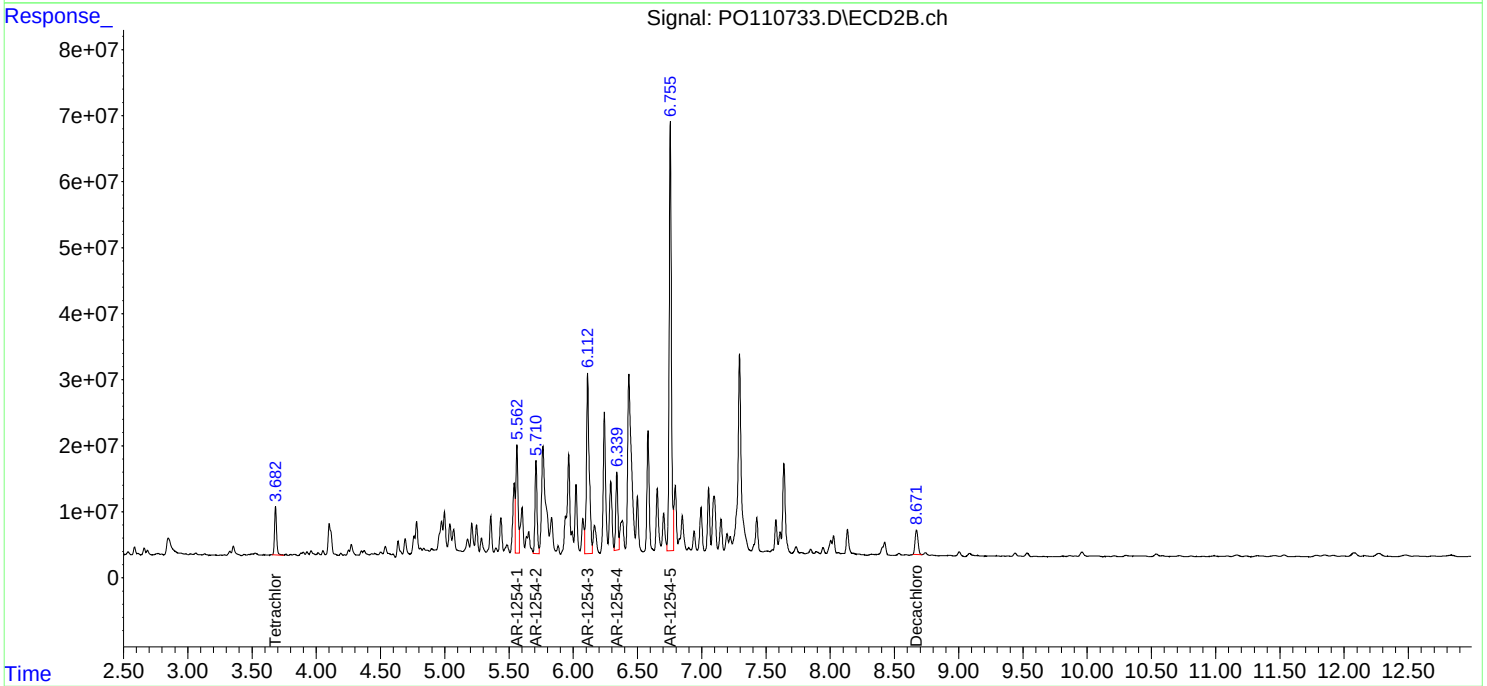
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 14:21
Operator : YP/AJ
Sample : Q1860-29
Misc :
ALS Vial : 15 Sample Multiplier: 1

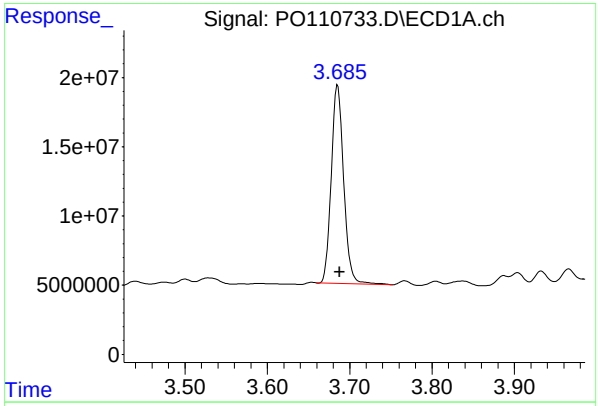
Instrument :
ECD_O
ClientSampleId :
P001-SS023-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:24:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



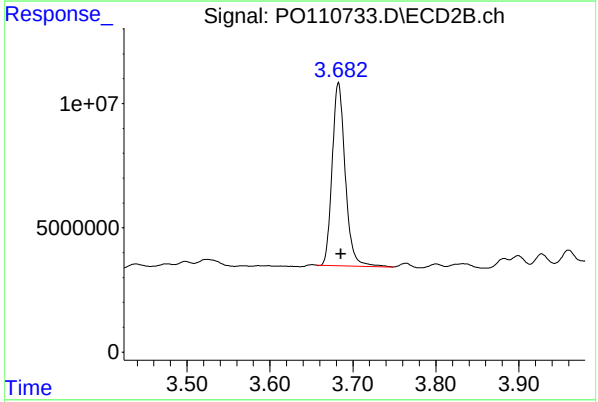




#1 Tetrachloro-m-xylene

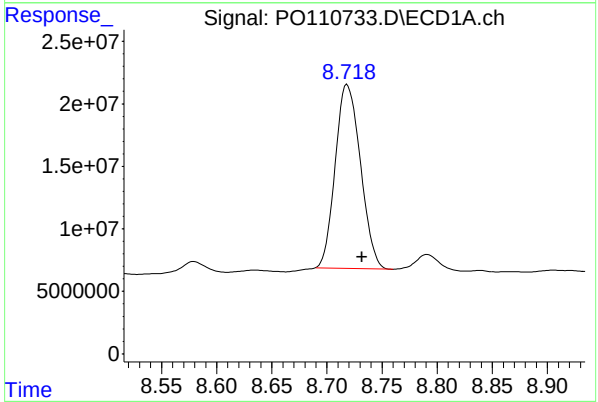
R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 149671022
Conc: 17.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS023-01



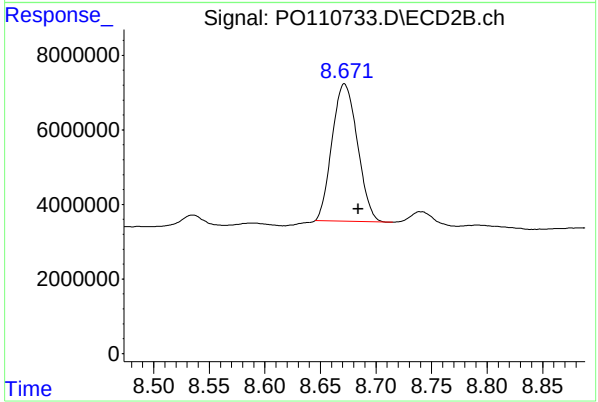
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 80179395
Conc: 16.07 ng/ml



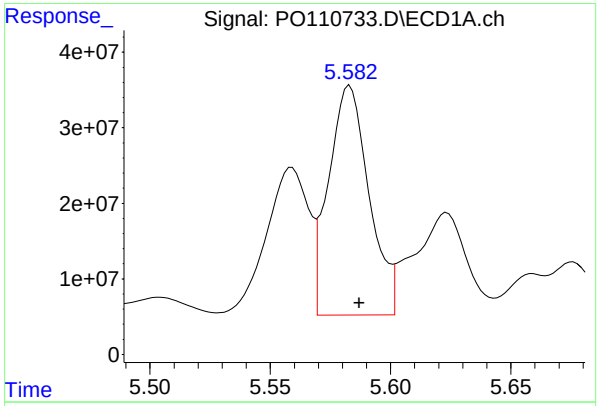
#2 Decachlorobiphenyl

R.T.: 8.719 min
Delta R.T.: -0.013 min
Response: 234586543
Conc: 29.71 ng/ml



#2 Decachlorobiphenyl

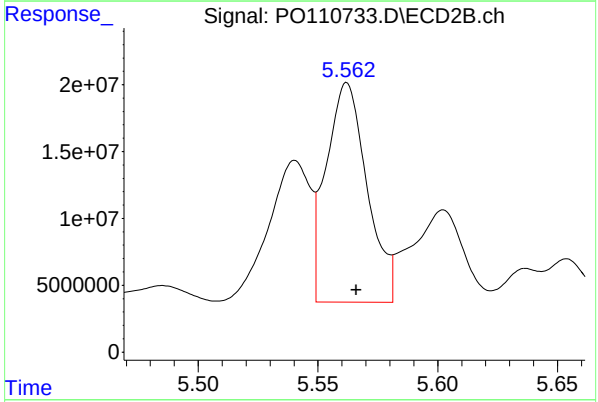
R.T.: 8.672 min
Delta R.T.: -0.013 min
Response: 58570441
Conc: 30.43 ng/ml



#26 AR-1254-1

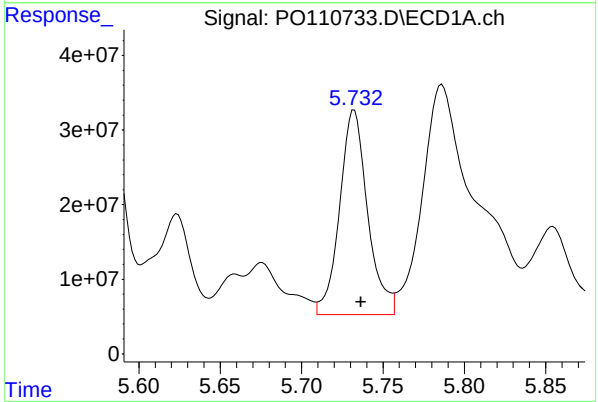
R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 356298746
Conc: 638.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS023-01



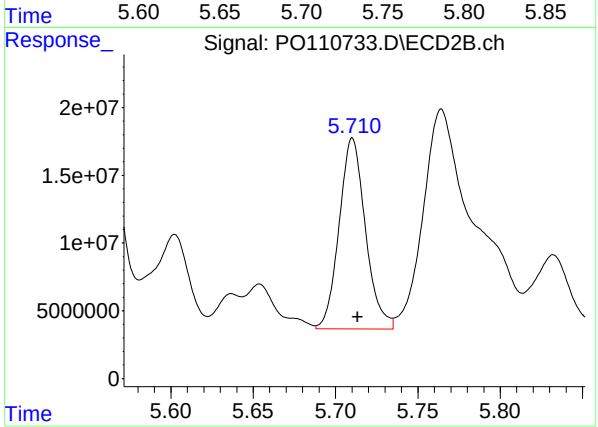
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 195549023
Conc: 648.59 ng/ml



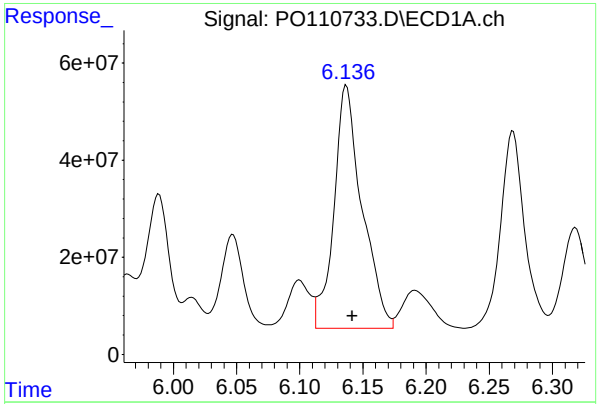
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 329565357
Conc: 678.53 ng/ml



#27 AR-1254-2

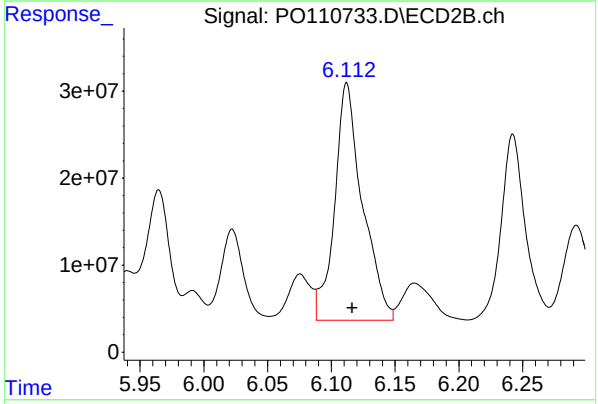
R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 156758040
Conc: 592.24 ng/ml



#28 AR-1254-3

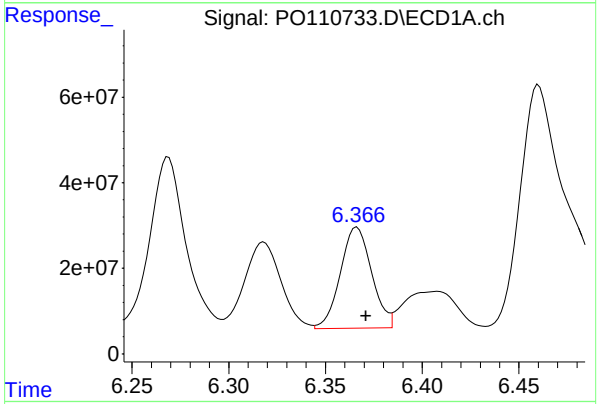
R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 773481715
Conc: 987.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS023-01



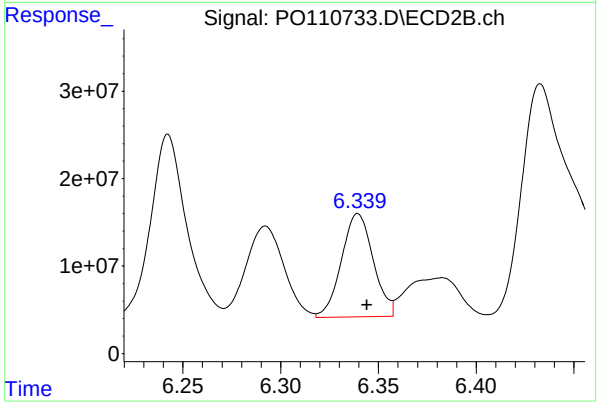
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 412760042
Conc: 1023.16 ng/ml



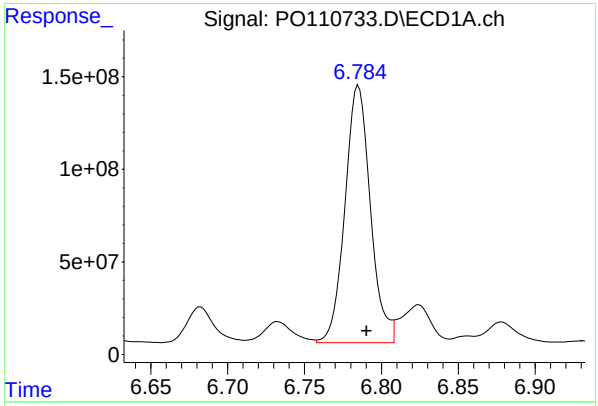
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 265402632
Conc: 544.30 ng/ml



#29 AR-1254-4

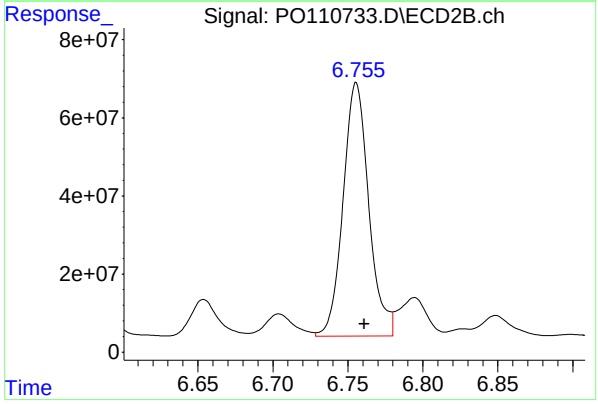
R.T.: 6.340 min
Delta R.T.: -0.005 min
Response: 133962862
Conc: 583.18 ng/ml



#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 mi
Response: 1599815883
Conc: 2282.52 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS023-01



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 774292057
Conc: 2330.16 ng/ml

Raw Data: **PO110791.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS023-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-29DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110791.D	5	04/25/25 08:20	04/28/25 11:34	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	23.4	UD	23.4	101	ug/kg
11104-28-2	Aroclor-1221	23.9	UD	23.9	101	ug/kg
11141-16-5	Aroclor-1232	22.1	UD	22.1	101	ug/kg
53469-21-9	Aroclor-1242	23.8	UD	23.8	101	ug/kg
12672-29-6	Aroclor-1248	35.1	UD	35.1	101	ug/kg
11097-69-1	Aroclor-1254	361	D	19.1	101	ug/kg
37324-23-5	Aroclor-1262	29.8	UD	29.8	101	ug/kg
11100-14-4	Aroclor-1268	21.4	UD	21.4	101	ug/kg
11096-82-5	Aroclor-1260	19.2	UD	19.2	101	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.1		32 - 144	66%	SPK: 20
2051-24-3	Decachlorobiphenyl	27.8		32 - 175	139%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110791.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 11:34
Operator : YP/AJ
Sample : Q1860-29DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS023-01DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:51:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	22922522	12136346	2.620	2.432
2)	SA Decachlor...	8.719	8.670	37555419	10690764	4.757	5.554
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.561	73494306	36848421	131.713	122.217
27)	L6 AR-1254-2	5.732	5.709	69259979	33121481	142.598	125.135
28)	L6 AR-1254-3	6.137	6.111	151.9E6	76382282	193.920	189.339
29)	L6 AR-1254-4	6.366	6.339	53899161	24317751	110.539	105.861
30)	L6 AR-1254-5	6.785	6.755	233.8E6	107.5E6	333.617	323.363

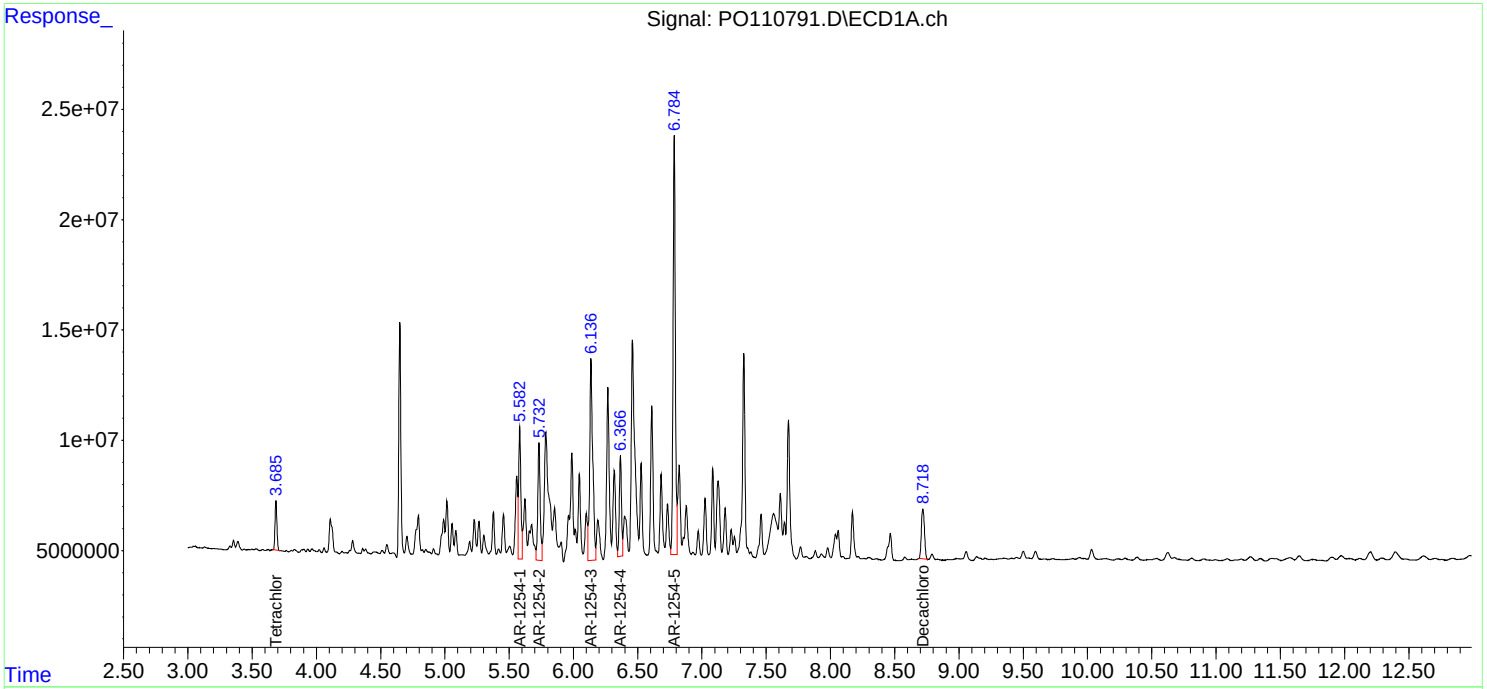
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

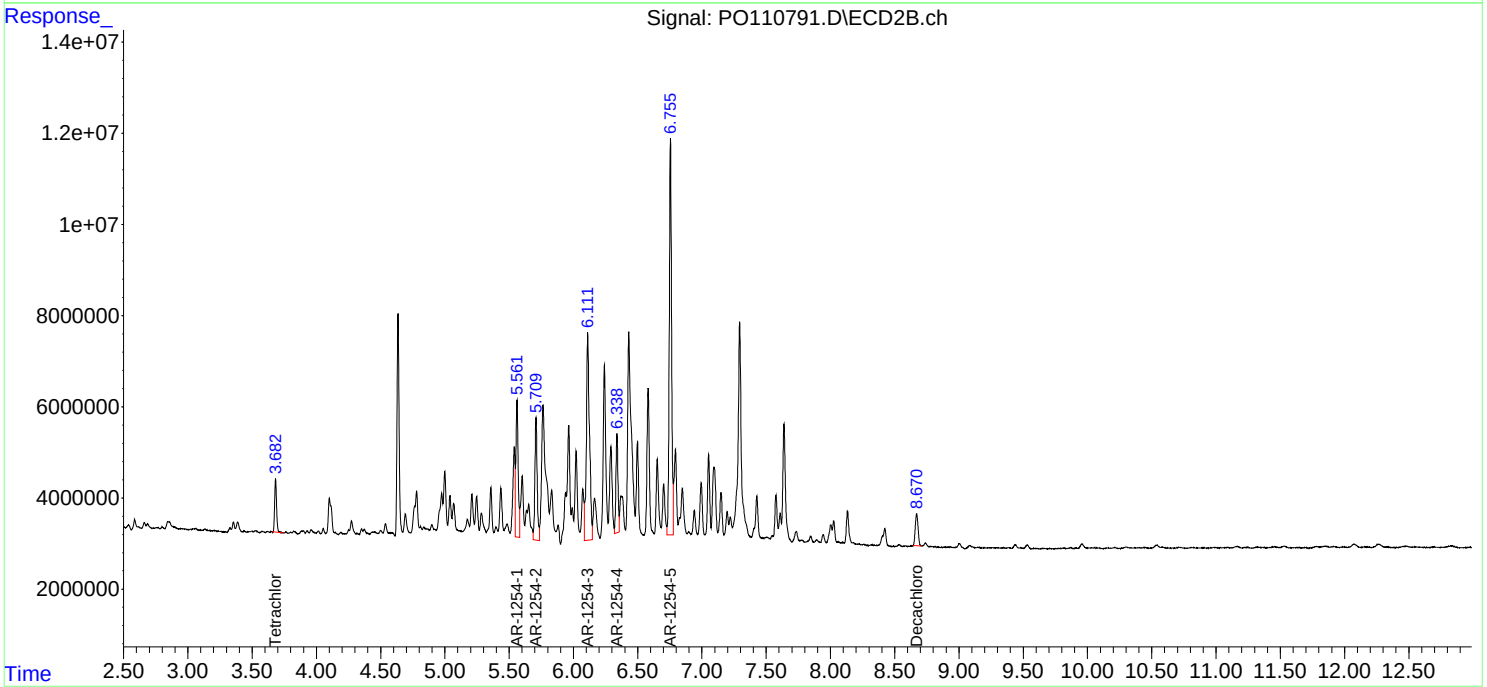
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110791.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 11:34
Operator : YP/AJ
Sample : Q1860-29DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

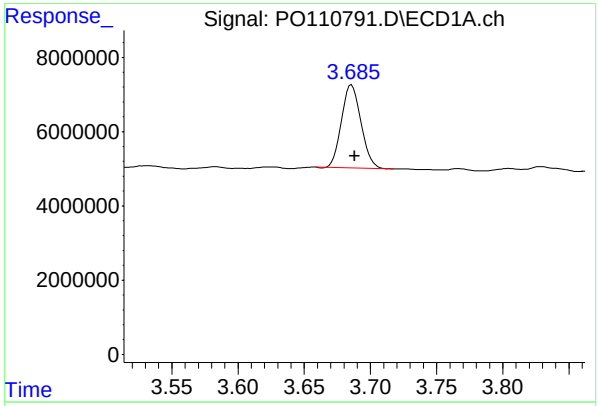
Instrument :
ECD_O
ClientSampleId :
P001-SS023-01DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:51:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



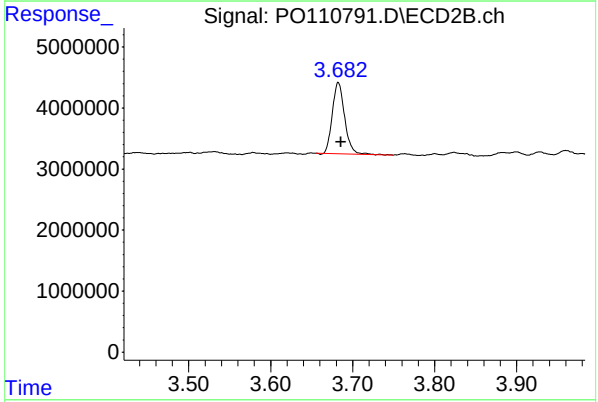




#1 Tetrachloro-m-xylene

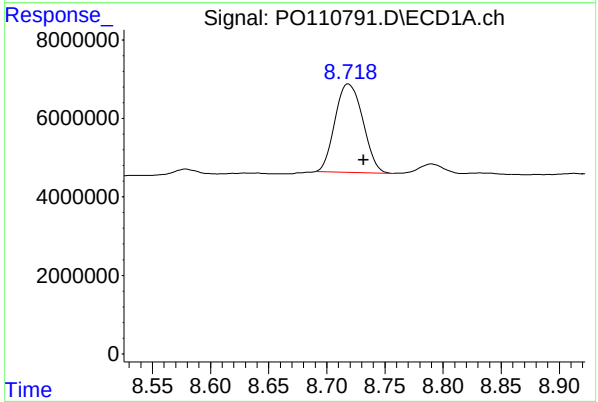
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 22922522
Conc: 2.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS023-01DL



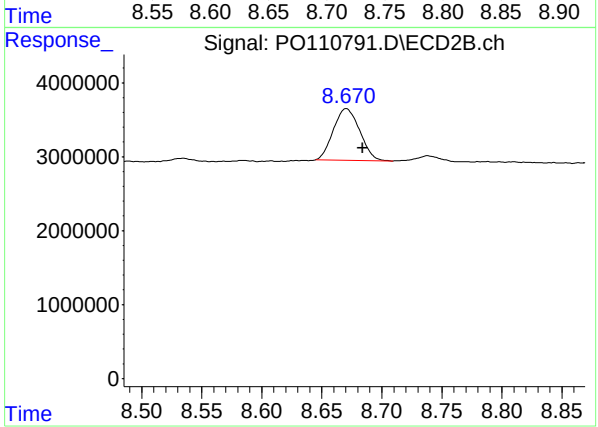
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 12136346
Conc: 2.43 ng/ml



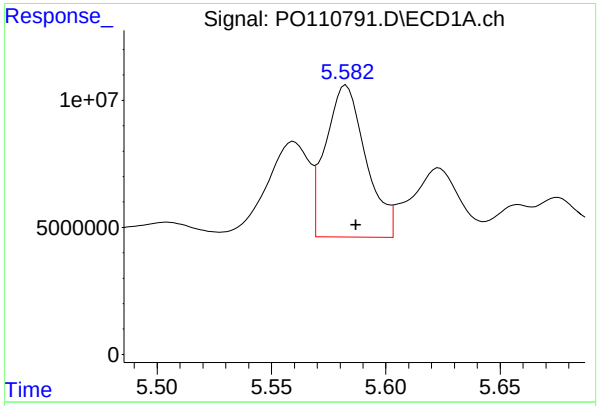
#2 Decachlorobiphenyl

R.T.: 8.719 min
Delta R.T.: -0.013 min
Response: 37555419
Conc: 4.76 ng/ml



#2 Decachlorobiphenyl

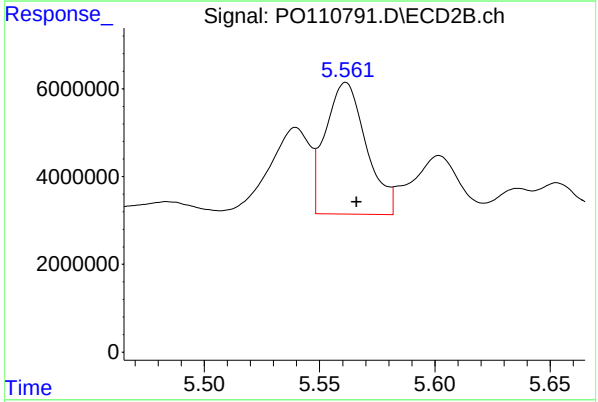
R.T.: 8.670 min
Delta R.T.: -0.014 min
Response: 10690764
Conc: 5.55 ng/ml



#26 AR-1254-1

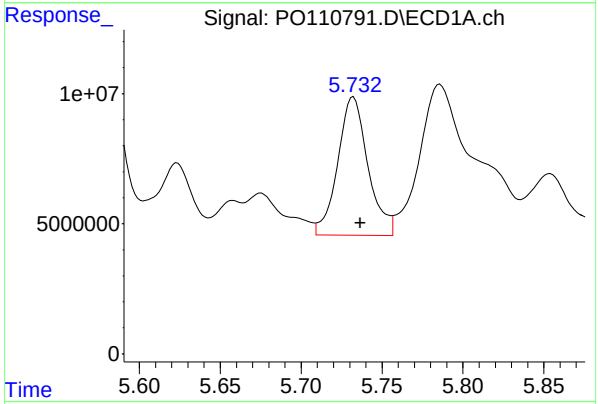
R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 73494306
Conc: 131.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS023-01DL



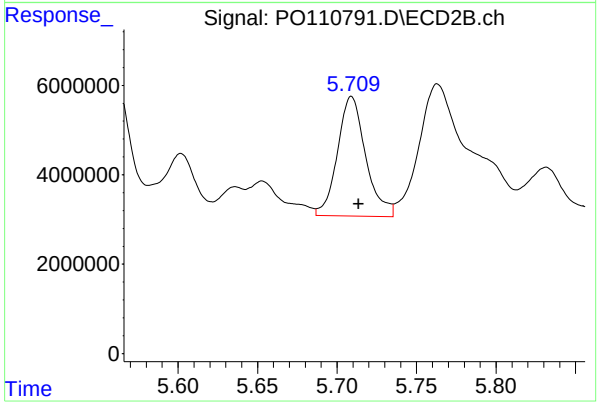
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 36848421
Conc: 122.22 ng/ml



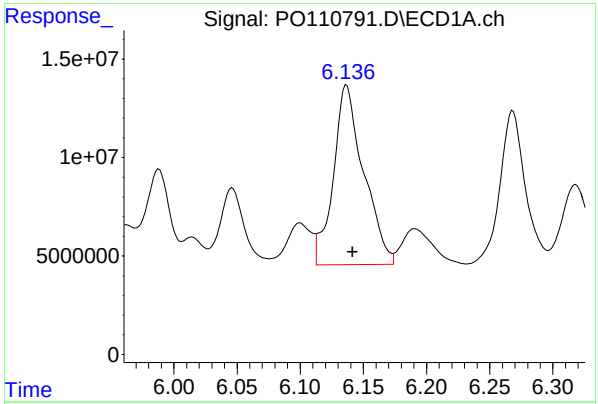
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 69259979
Conc: 142.60 ng/ml



#27 AR-1254-2

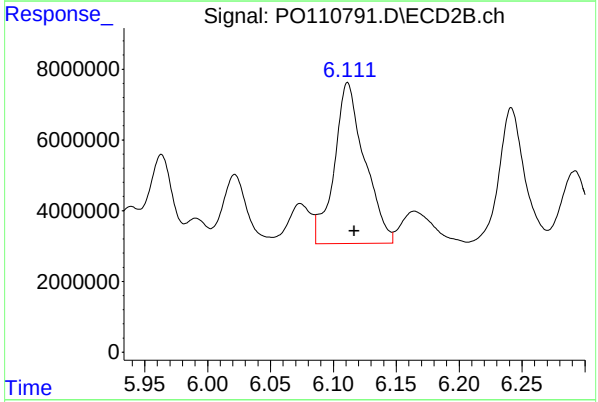
R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 33121481
Conc: 125.14 ng/ml



#28 AR-1254-3

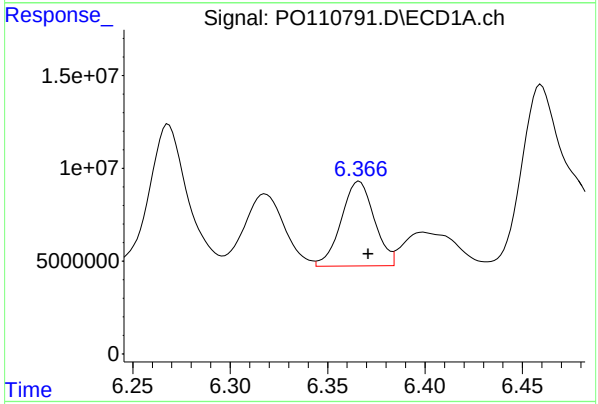
R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 151881981
Conc: 193.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS023-01DL



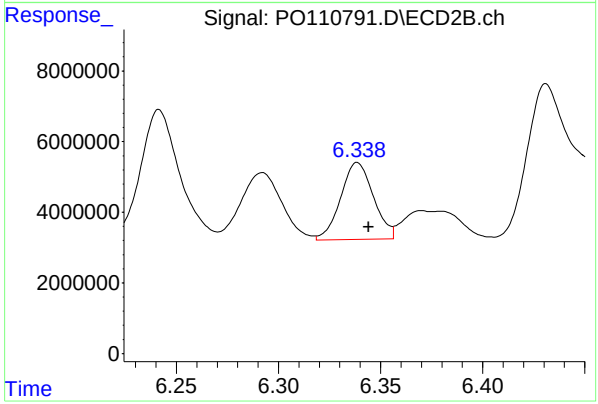
#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.005 min
Response: 76382282
Conc: 189.34 ng/ml



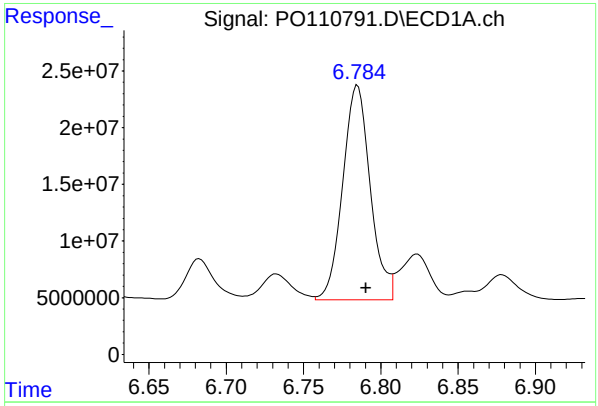
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 53899161
Conc: 110.54 ng/ml



#29 AR-1254-4

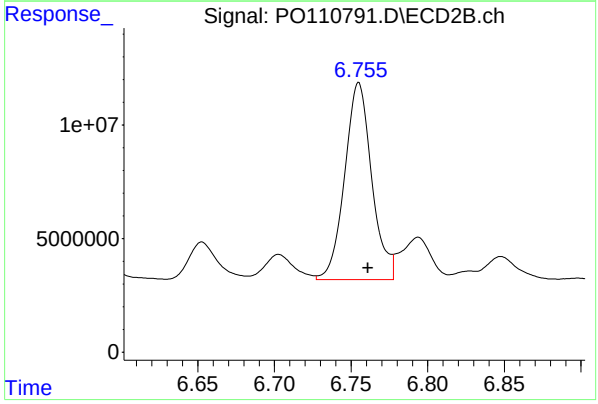
R.T.: 6.339 min
Delta R.T.: -0.006 min
Response: 24317751
Conc: 105.86 ng/ml



#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 mi
Response: 233832280
Conc: 333.62 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS023-01DL



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 107450720
Conc: 323.36 ng/ml

Raw Data: **PO110734.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS024-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-30	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	84.6 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110734.D	1	04/25/25 08:20	04/25/25 14:39	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.1	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.1	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.1	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	20.1	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.1	ug/kg
11097-69-1	Aroclor-1254	347		3.80	20.1	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	20.1	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	20.1	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.6		32 - 175	73%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110734.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110734.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 14:39
Operator : YP/AJ
Sample : Q1860-30
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS024-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:24:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.683	174.1E6	92113676	19.898	18.460
2)	SA Decachlor...	8.727	8.679	105.7E6	28122559	13.385	14.609
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.562	330.6E6	172.9E6	592.520	573.540
27)	L6 AR-1254-2	5.732	5.710	404.0E6	175.9E6	831.731	664.598
28)	L6 AR-1254-3	6.137	6.112	746.2E6	390.3E6	952.719	967.528
29)	L6 AR-1254-4	6.367	6.339	370.8E6	184.1E6	760.525	801.512
30)	L6 AR-1254-5	6.785	6.756	893.3E6	425.1E6	1274.545	1279.288m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110734.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 14:39
Operator : YP/AJ
Sample : Q1860-30
Misc :
ALS Vial : 16 Sample Multiplier: 1

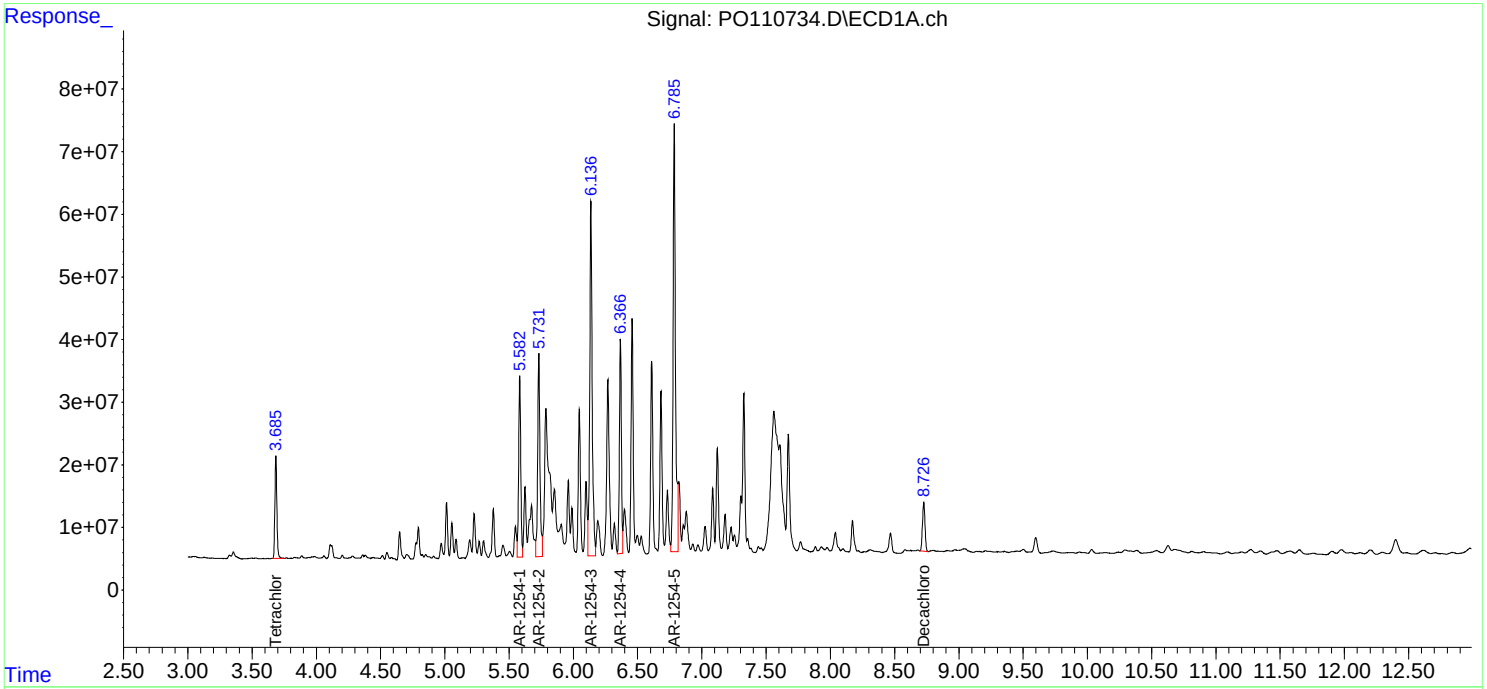
Instrument :
ECD_O
ClientSampleId :
P001-SS024-01

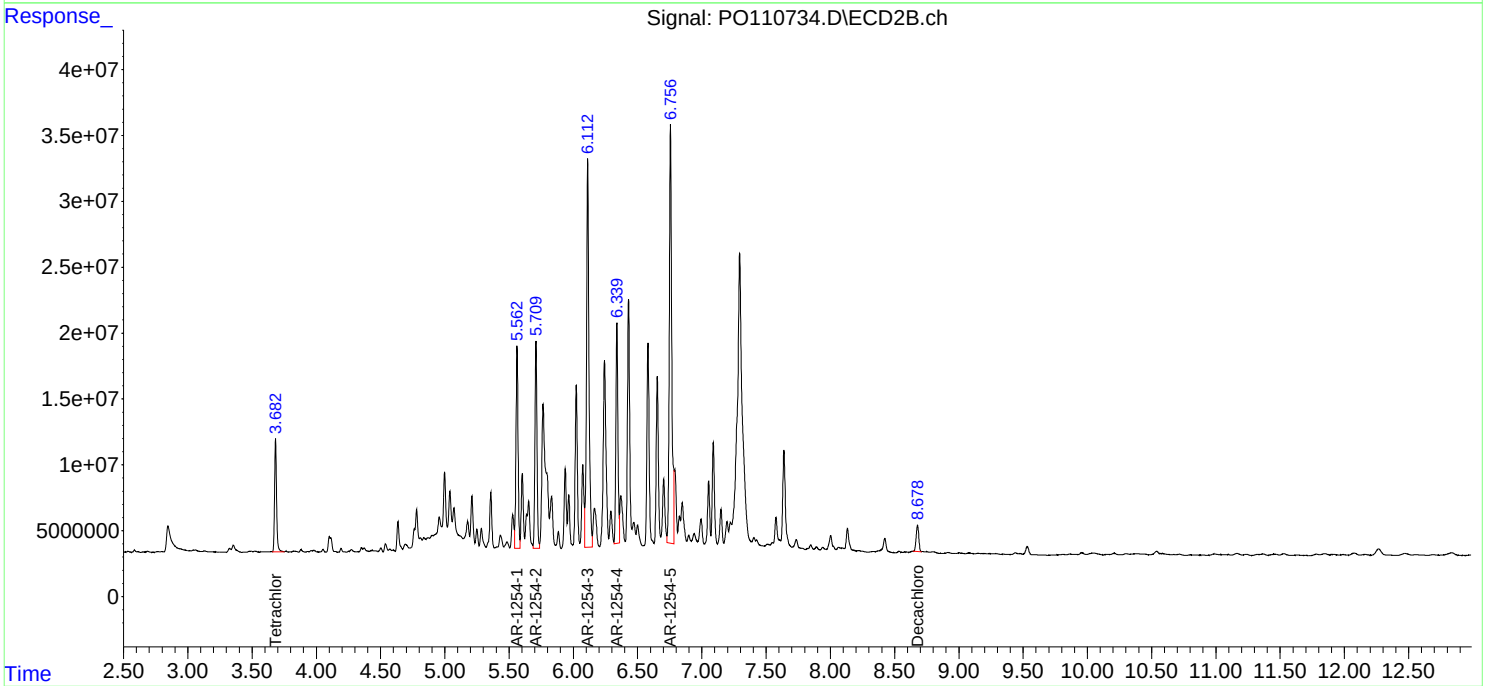
Manual Integrations APPROVED

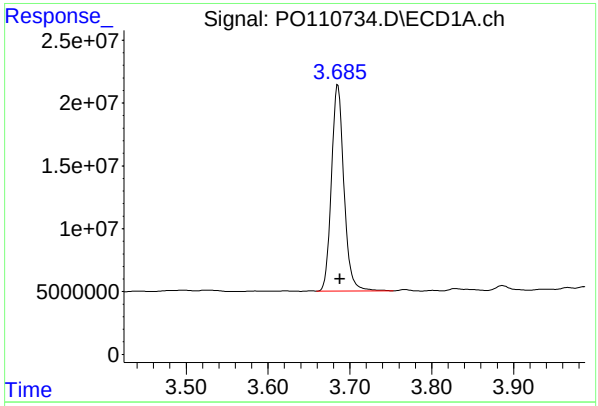
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:24:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







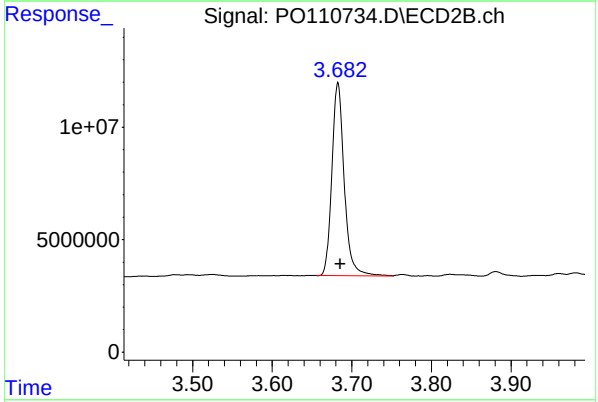
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 174089609
Conc: 19.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS024-01

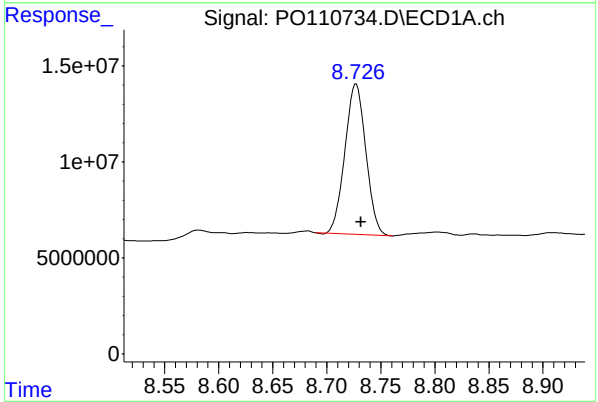
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



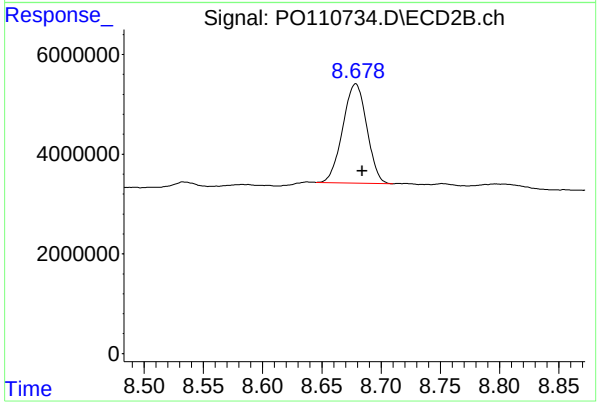
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 92113676
Conc: 18.46 ng/ml



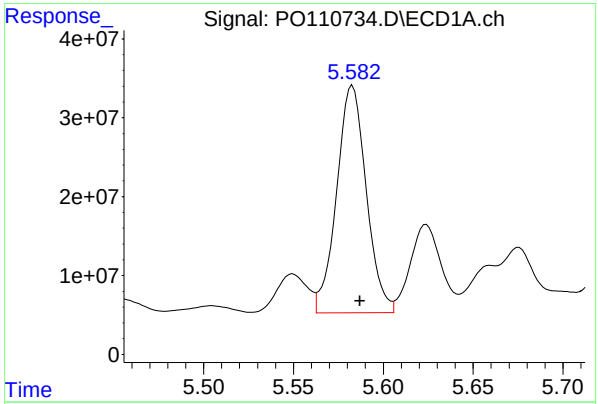
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 105677311
Conc: 13.39 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.006 min
Response: 28122559
Conc: 14.61 ng/ml



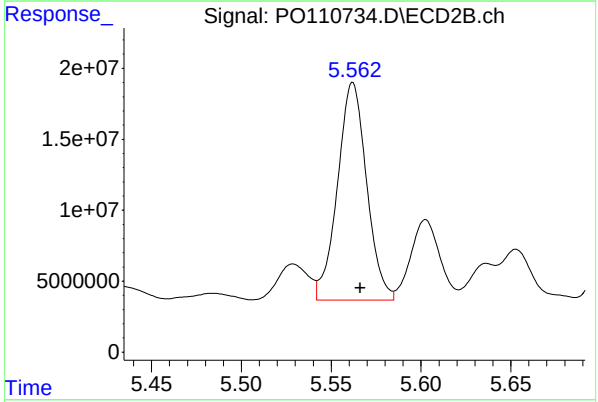
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 330619927
Conc: 592.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS024-01

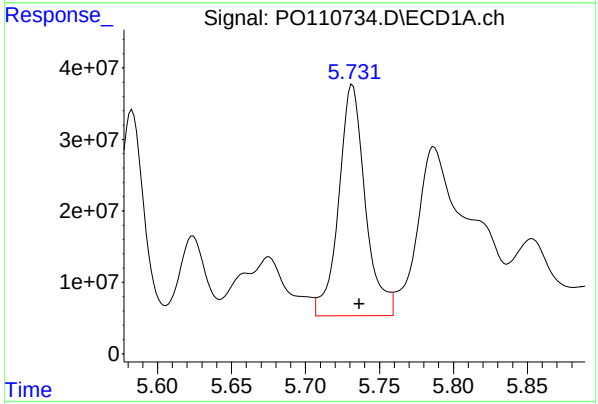
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



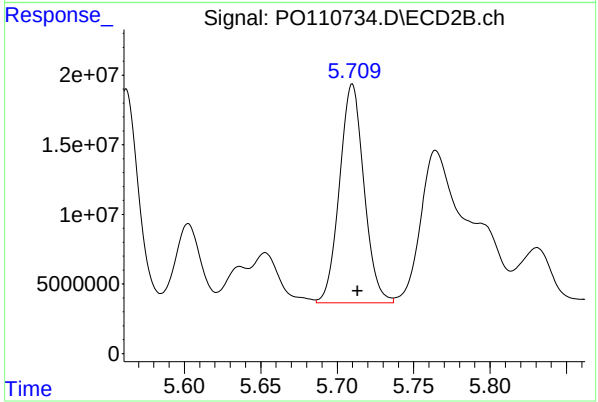
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 172921889
Conc: 573.54 ng/ml



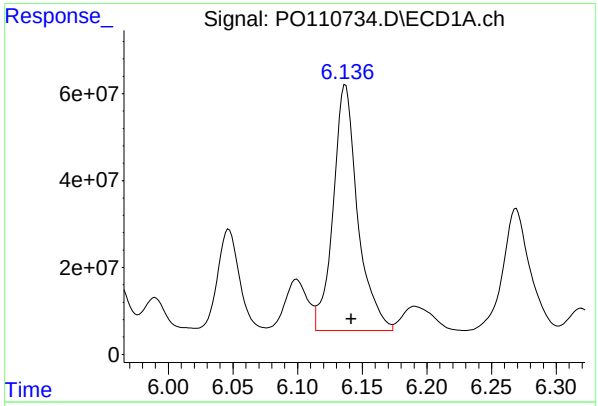
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.005 min
Response: 403974060
Conc: 831.73 ng/ml



#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 175909311
Conc: 664.60 ng/ml



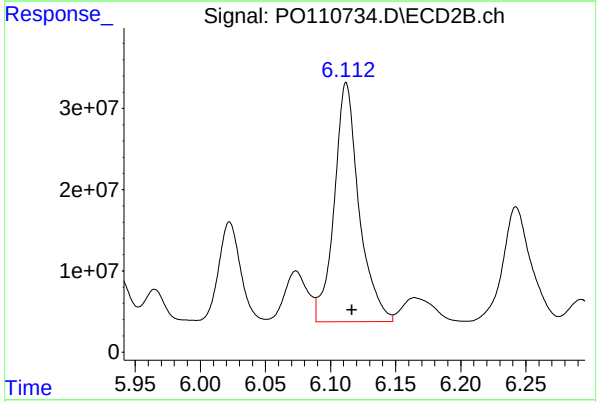
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 746190059
Conc: 952.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS024-01

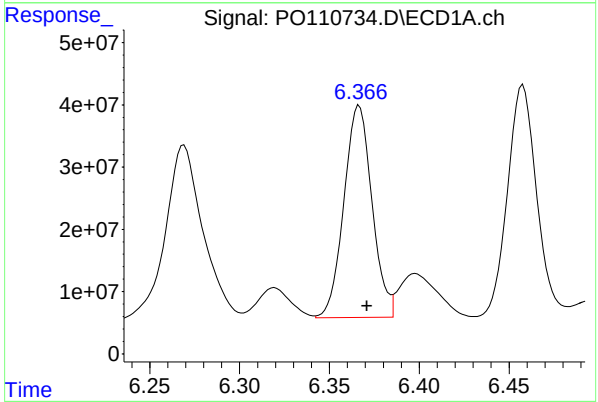
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



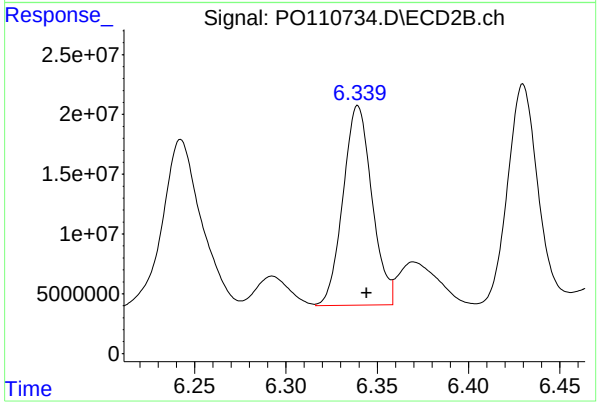
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 390316444
Conc: 967.53 ng/ml



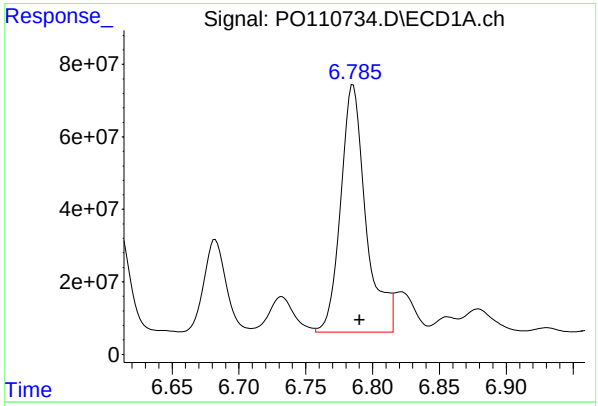
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 370835802
Conc: 760.52 ng/ml



#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 184117691
Conc: 801.51 ng/ml



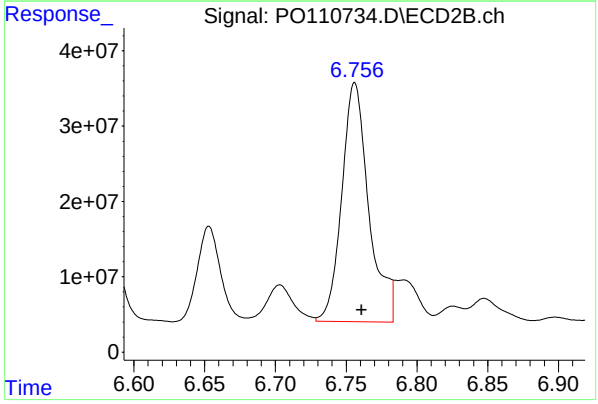
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 mi
Response: 893328343
Conc: 1274.54 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS024-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 425096824
Conc: 1279.29 ng/ml m

Raw Data: **PO110740.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS025-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-31	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.9 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110740.D	1	04/25/25 08:20	04/25/25 18:08	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.5	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.5	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.5	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.5	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.5	ug/kg
11097-69-1	Aroclor-1254	1200	E	3.70	19.5	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.5	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.5	ug/kg
11096-82-5	Aroclor-1260	1200	E	3.70	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	50.0	*	32 - 175	250%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 18:08
Operator : YP/AJ
Sample : Q1860-31
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:26:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.686	3.683	173.2E6	96165612	19.797	19.273	
2)	SA Decachlor...	8.721	8.673	394.5E6	85488635	49.969	44.410	
	Target Compounds							
26)	L6 AR-1254-1	5.584	5.563	1123.6E6	611.3E6	2013.652	2027.532	
27)	L6 AR-1254-2	5.733	5.711	1091.0E6	580.3E6	2246.273	2192.512	
28)	L6 AR-1254-3	6.138	6.113	2703.7E6	1409.6E6	3452.000	3494.158	
29)	L6 AR-1254-4	6.368	6.341	1019.8E6	503.1E6	2091.466	2190.178	
30)	L6 AR-1254-5	6.787	6.757	3889.9E6	1846.3E6	5549.889	5556.269	
31)	L7 AR-1260-1	6.270	6.243	1797.8E6	916.1E6	3805.217	3724.468	
32)	L7 AR-1260-2	6.459	6.431	2147.2E6	1022.1E6	3661.537	3503.288	
33)	L7 AR-1260-3	6.825	6.583	1249.1E6	907.2E6	2534.246	3349.177	#
34)	L7 AR-1260-4	7.086	7.055	1039.3E6	451.2E6	2448.824	2248.681	
35)	L7 AR-1260-5	7.328	7.296	3304.3E6	1320.9E6	3166.660	2878.651	

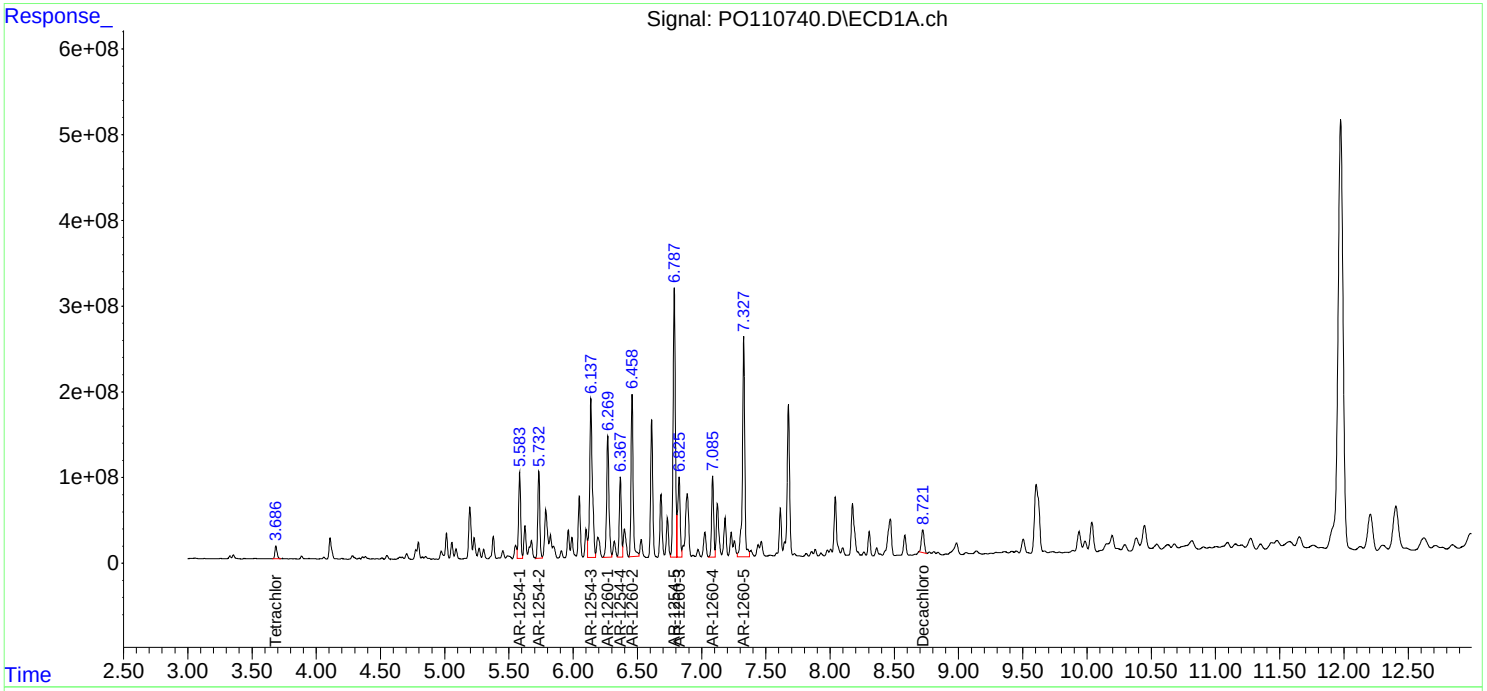
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

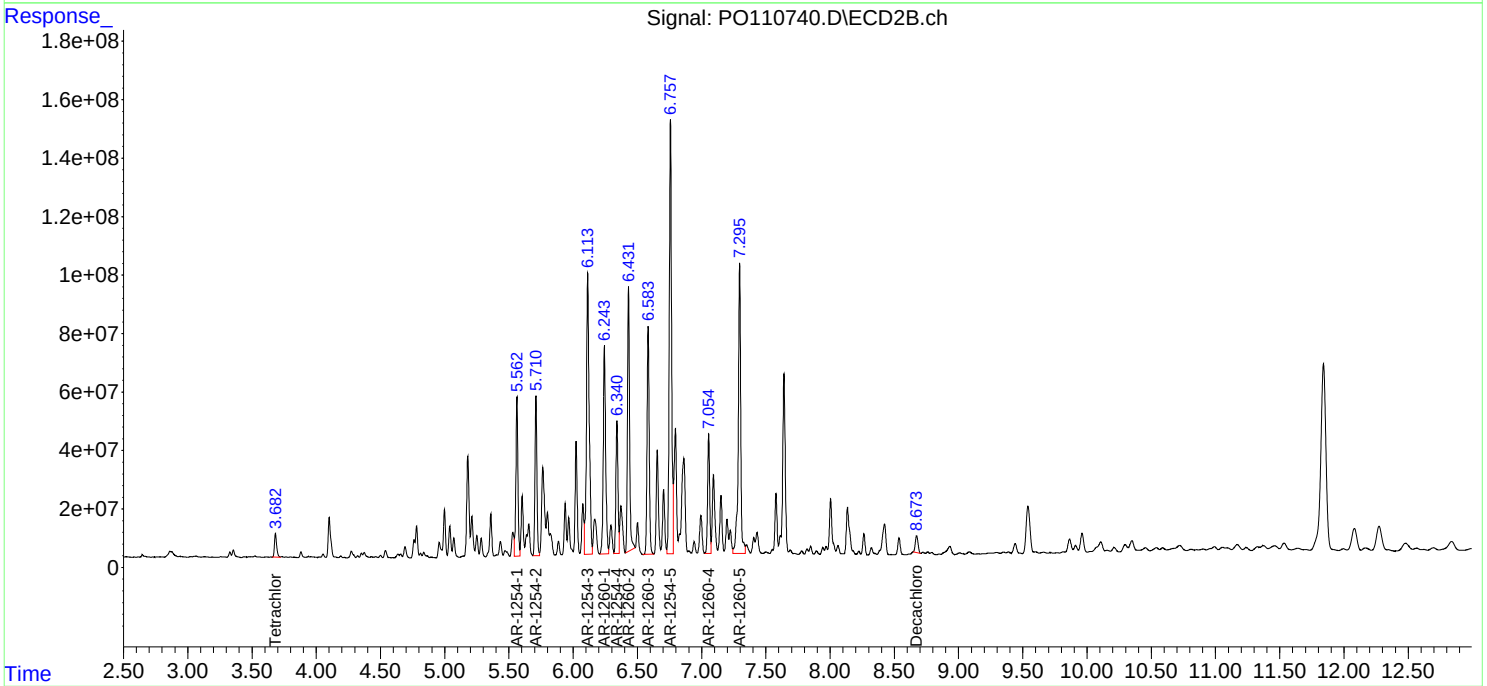
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 18:08
Operator : YP/AJ
Sample : Q1860-31
Misc :
ALS Vial : 17 Sample Multiplier: 1

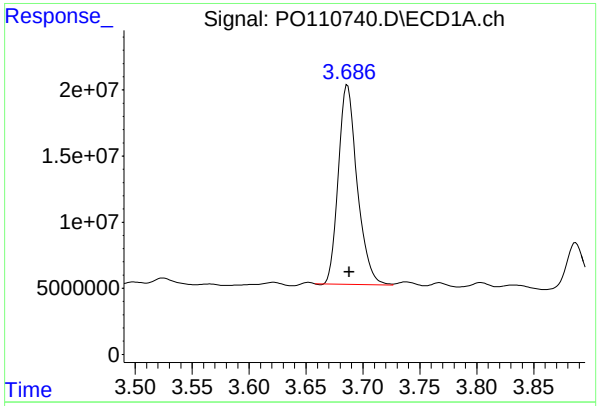
Instrument :
ECD_O
ClientSampleId :
P001-SS025-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:26:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



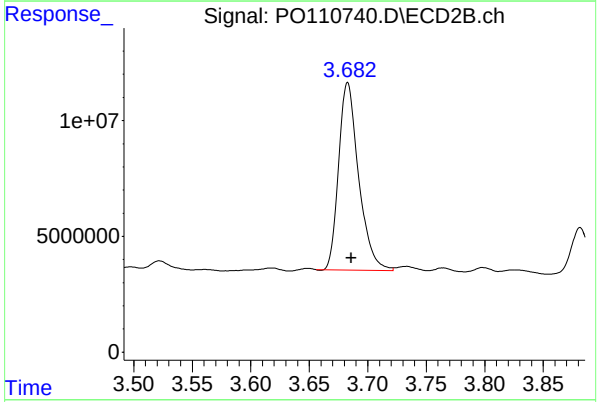




#1 Tetrachloro-m-xylene

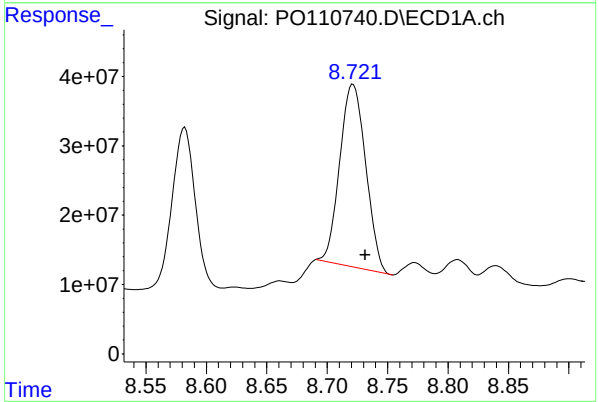
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 173204473
Conc: 19.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01



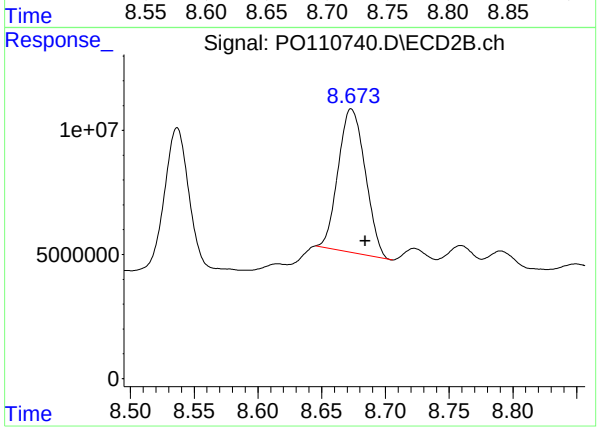
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 96165612
Conc: 19.27 ng/ml



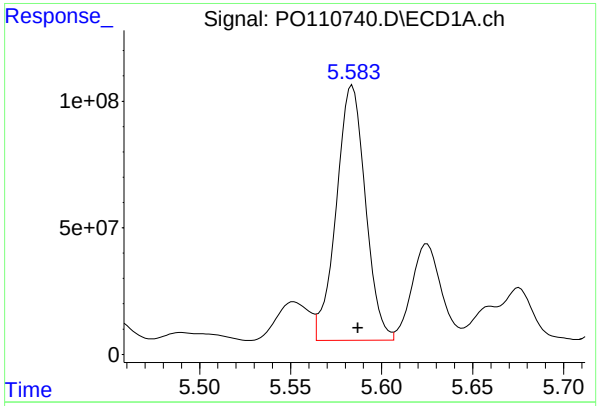
#2 Decachlorobiphenyl

R.T.: 8.721 min
Delta R.T.: -0.010 min
Response: 394501207
Conc: 49.97 ng/ml



#2 Decachlorobiphenyl

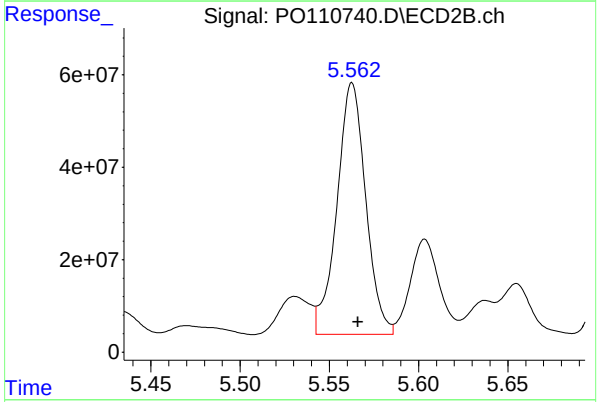
R.T.: 8.673 min
Delta R.T.: -0.011 min
Response: 85488635
Conc: 44.41 ng/ml



#26 AR-1254-1

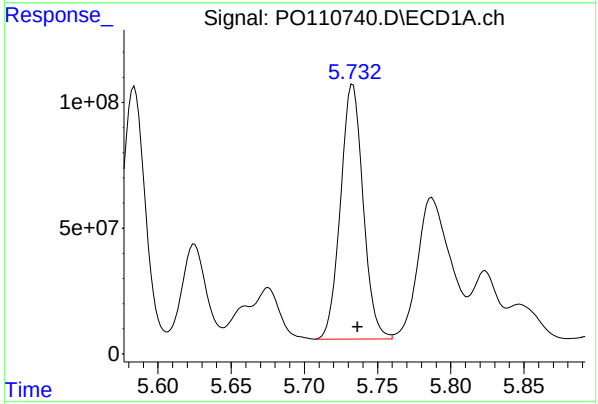
R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 1123595739
Conc: 2013.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01



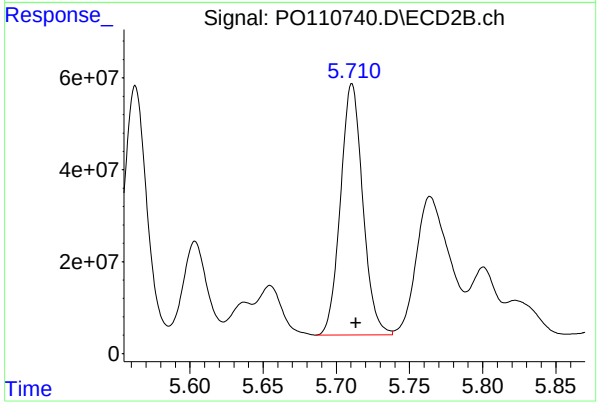
#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 611299221
Conc: 2027.53 ng/ml



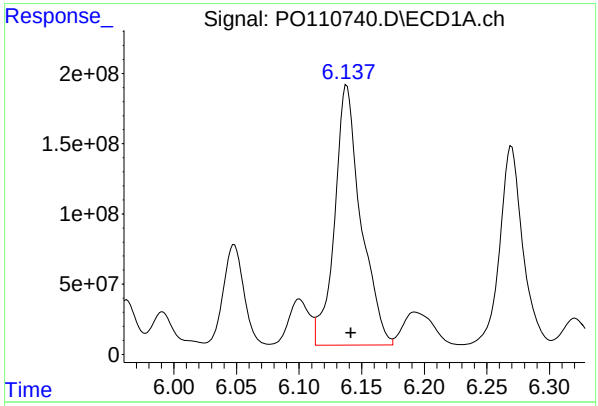
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.003 min
Response: 1091020732
Conc: 2246.27 ng/ml



#27 AR-1254-2

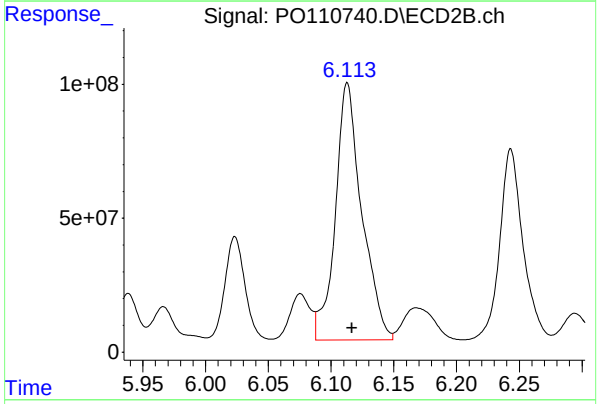
R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 580325868
Conc: 2192.51 ng/ml



#28 AR-1254-3

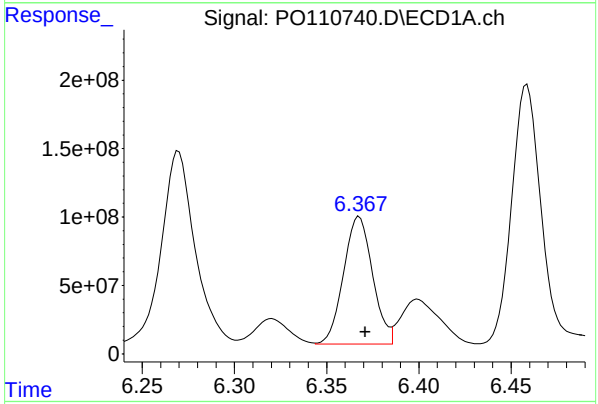
R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 2703681301
Conc: 3452.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01



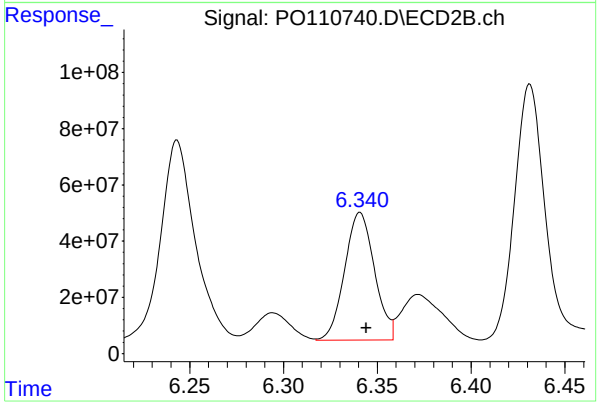
#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 1409599379
Conc: 3494.16 ng/ml



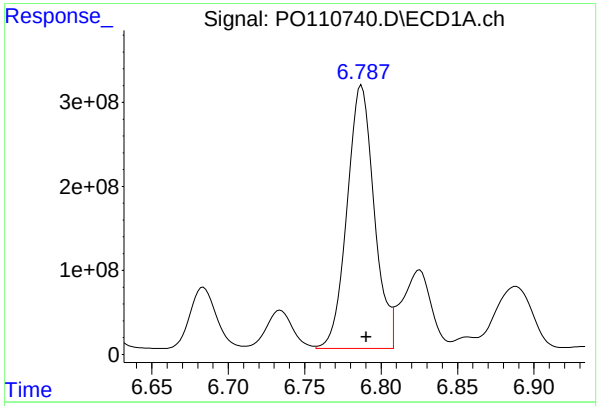
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 1019809953
Conc: 2091.47 ng/ml



#29 AR-1254-4

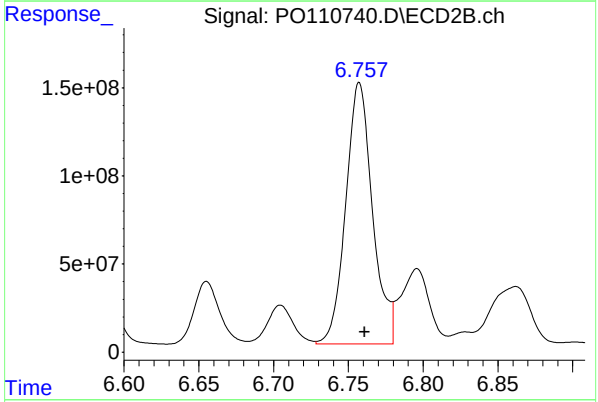
R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 503112220
Conc: 2190.18 ng/ml



#30 AR-1254-5

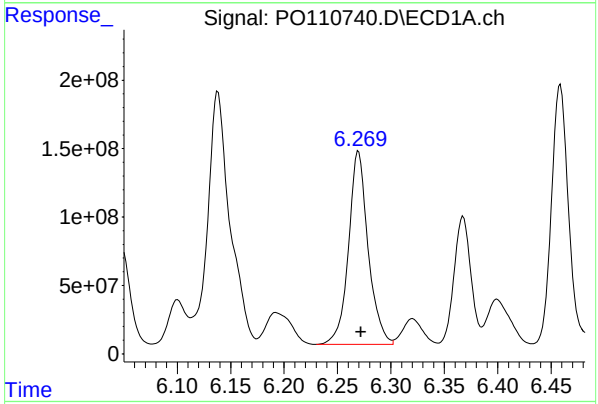
R.T.: 6.787 min
Delta R.T.: -0.003 mi
Response: 3889916176
Conc: 5549.89 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01



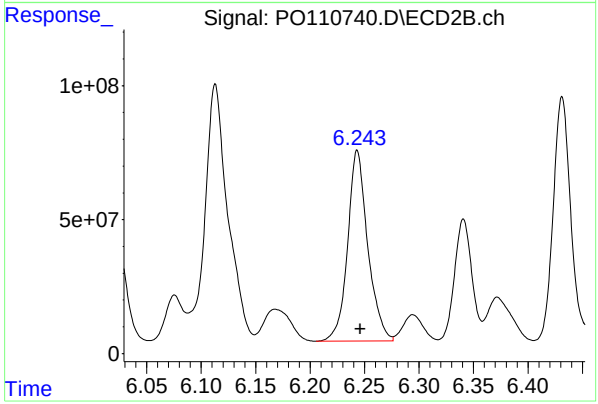
#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 1846302391
Conc: 5556.27 ng/ml



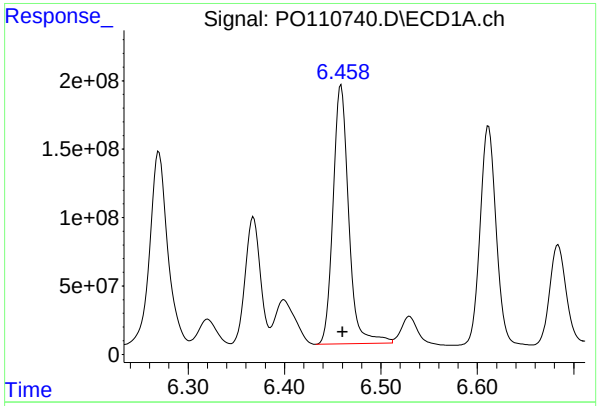
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 1797756758
Conc: 3805.22 ng/ml



#31 AR-1260-1

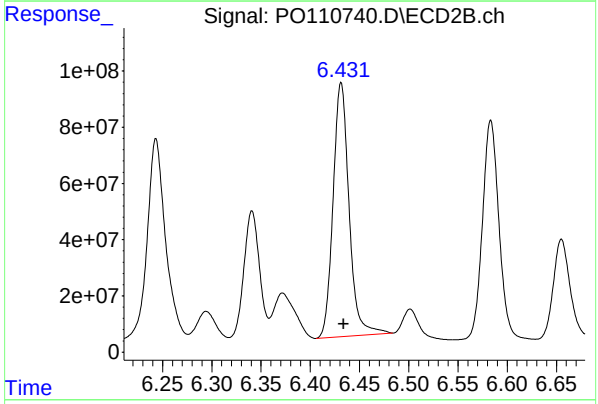
R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 916083506
Conc: 3724.47 ng/ml



#32 AR-1260-2

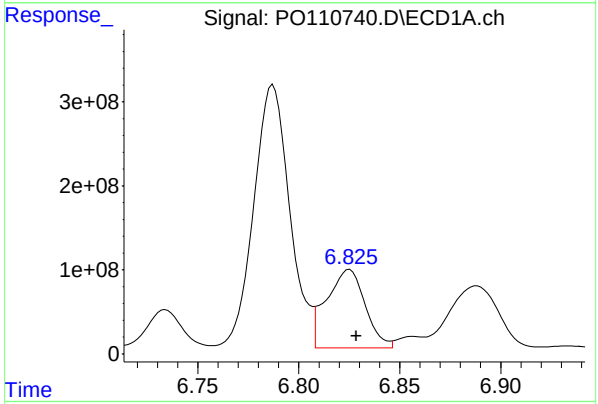
R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 2147214746
Conc: 3661.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01



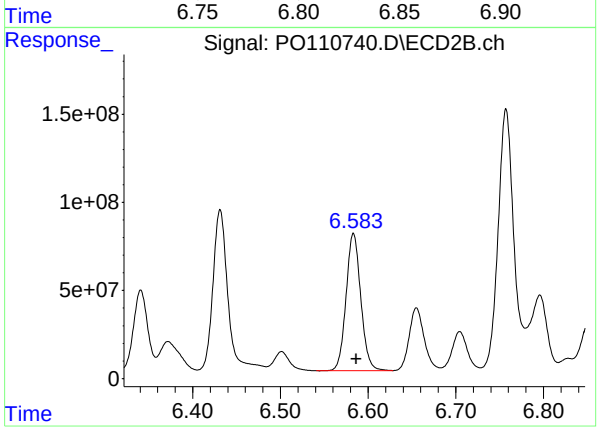
#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 1022086950
Conc: 3503.29 ng/ml



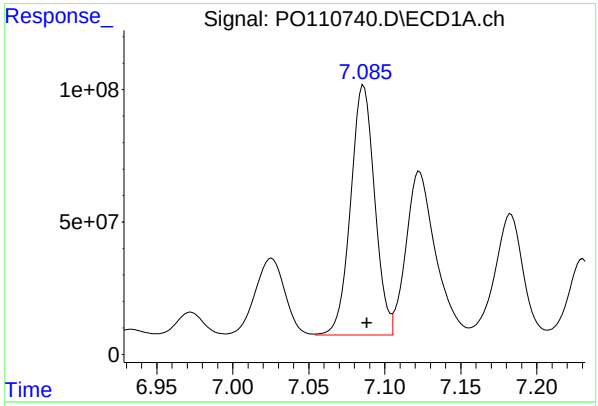
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 1249059857
Conc: 2534.25 ng/ml



#33 AR-1260-3

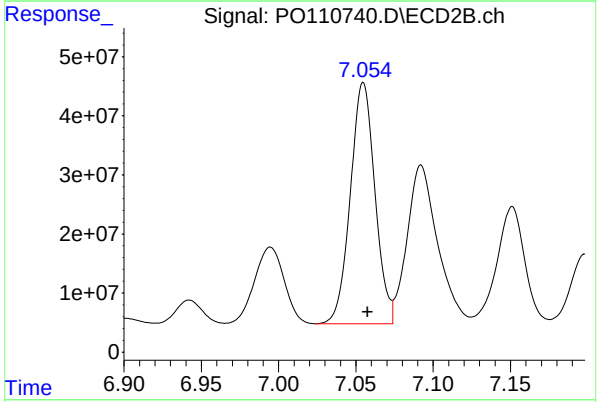
R.T.: 6.583 min
Delta R.T.: -0.003 min
Response: 907238813
Conc: 3349.18 ng/ml



#34 AR-1260-4

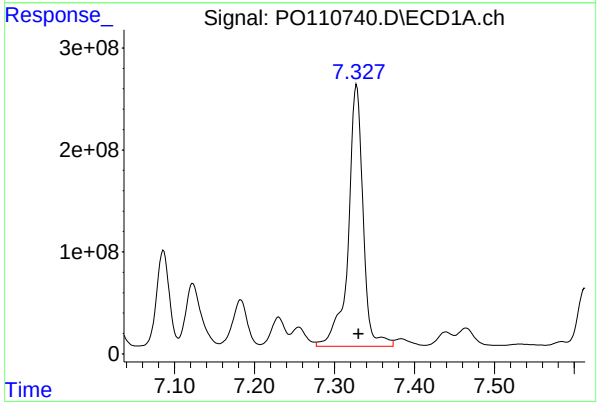
R.T.: 7.086 min
Delta R.T.: -0.002 mi
Response: 1039337112
Conc: 2448.82 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01



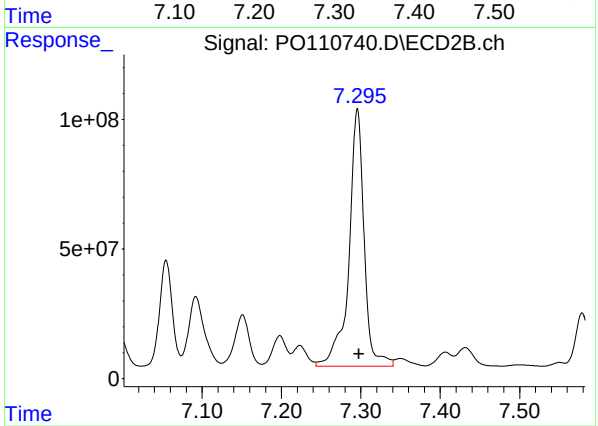
#34 AR-1260-4

R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 451175456
Conc: 2248.68 ng/ml



#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 3304319447
Conc: 3166.66 ng/ml



#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 1320891289
Conc: 2878.65 ng/ml

Raw Data: **PO110792.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS025-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-31DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.9 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110792.D	5	04/25/25 08:20	04/28/25 11:53	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.7	UD	22.7	97.7	ug/kg
11104-28-2	Aroclor-1221	23.2	UD	23.2	97.7	ug/kg
11141-16-5	Aroclor-1232	21.4	UD	21.4	97.7	ug/kg
53469-21-9	Aroclor-1242	23.0	UD	23.0	97.7	ug/kg
12672-29-6	Aroclor-1248	34.0	UD	34.0	97.7	ug/kg
11097-69-1	Aroclor-1254	1200	D	18.5	97.7	ug/kg
37324-23-5	Aroclor-1262	28.9	UD	28.9	97.7	ug/kg
11100-14-4	Aroclor-1268	20.7	UD	20.7	97.7	ug/kg
11096-82-5	Aroclor-1260	1300	D	18.6	97.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	48.0	*	32 - 175	240%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110792.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 11:53
Operator : YP/AJ
Sample : Q1860-31DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:52:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.686	3.682	35655872	18517605	4.075	3.711	
2)	SA Decachlor...	8.718	8.670	71057179	18499429	9.000	9.610	
	Target Compounds							
26)	L6 AR-1254-1	5.582	5.561	246.9E6	128.8E6	442.529	427.141	
27)	L6 AR-1254-2	5.731	5.709	249.2E6	124.8E6	513.020	471.683	
28)	L6 AR-1254-3	6.137	6.110	566.1E6	283.8E6	722.756	703.449	
29)	L6 AR-1254-4	6.366	6.338	216.0E6	102.6E6	442.927	446.775	
30)	L6 AR-1254-5	6.785	6.755	764.6E6	348.0E6	1090.874	1047.261	
31)	L7 AR-1260-1	6.268	6.241	385.4E6	189.9E6	815.678	772.255	
32)	L7 AR-1260-2	6.457	6.429	457.1E6	207.3E6	779.442	710.630	
33)	L7 AR-1260-3	6.824	6.581	258.9E6	183.4E6	525.205	676.991	#
34)	L7 AR-1260-4	7.084	7.052	214.7E6	94765972	505.883	472.318	
35)	L7 AR-1260-5	7.326	7.293	613.8E6	327.3E6	588.213	713.217	

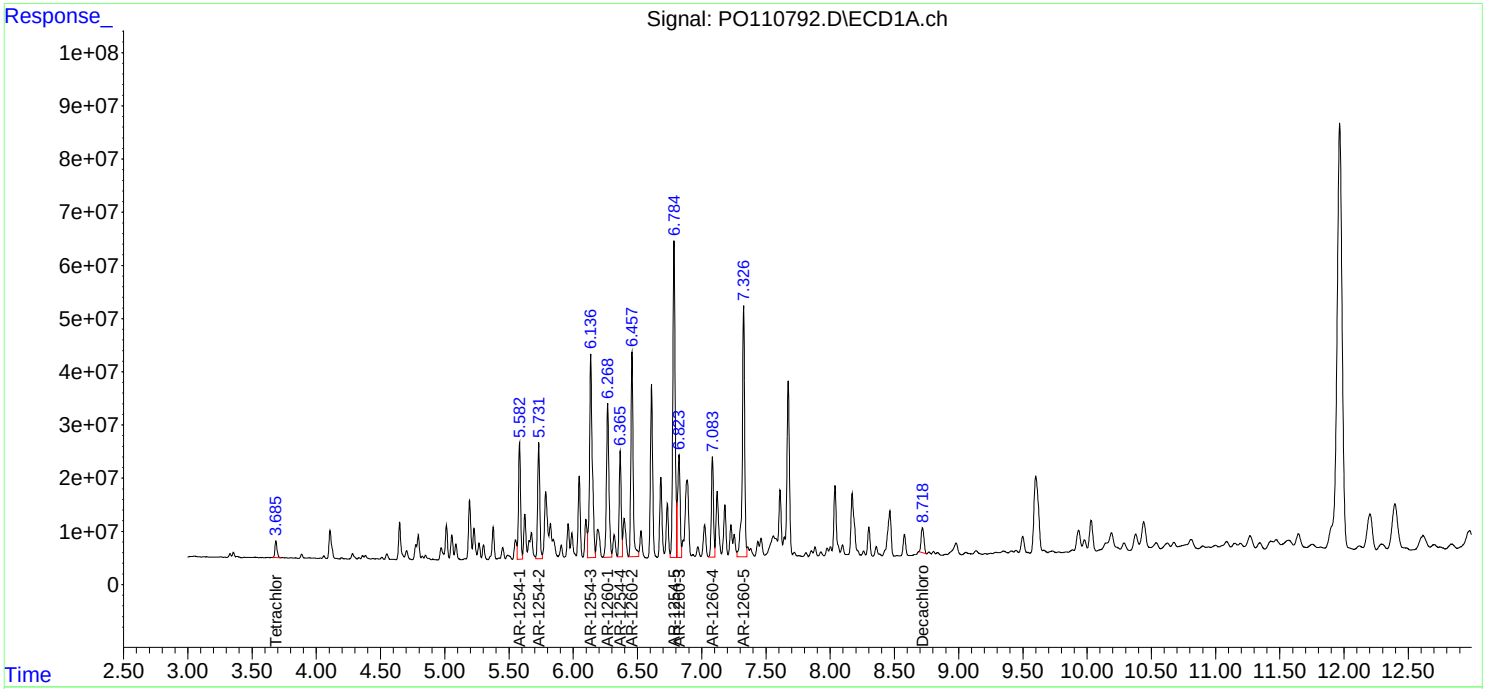
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

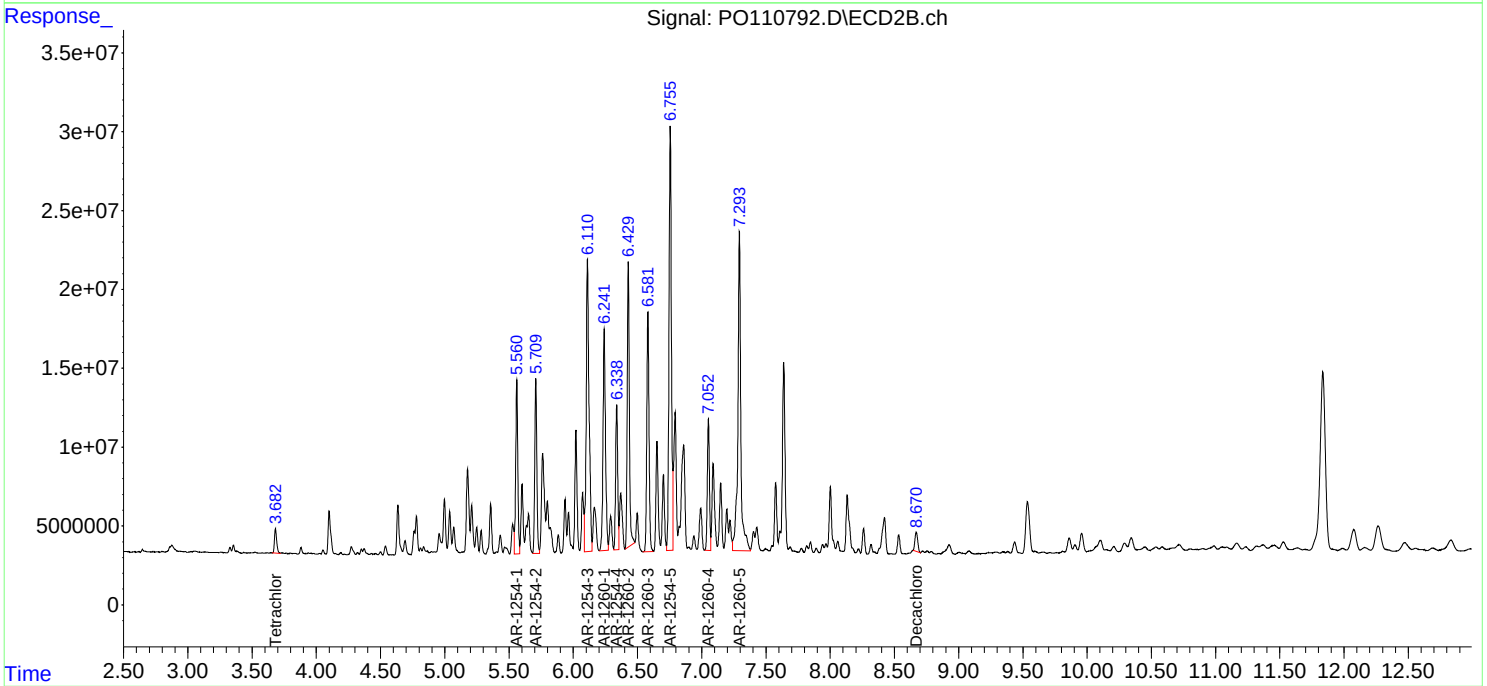
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110792.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 11:53
Operator : YP/AJ
Sample : Q1860-31DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

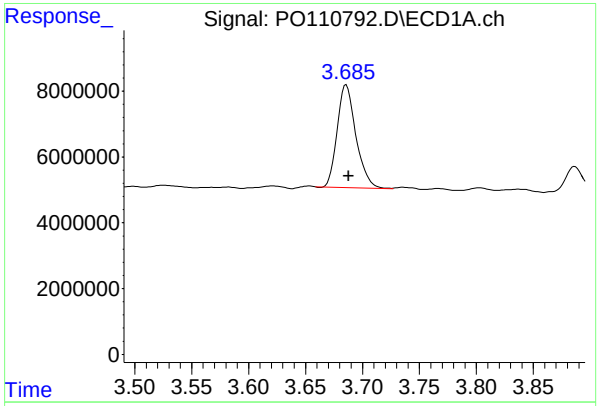
Instrument :
ECD_O
ClientSampleId :
P001-SS025-01DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:52:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



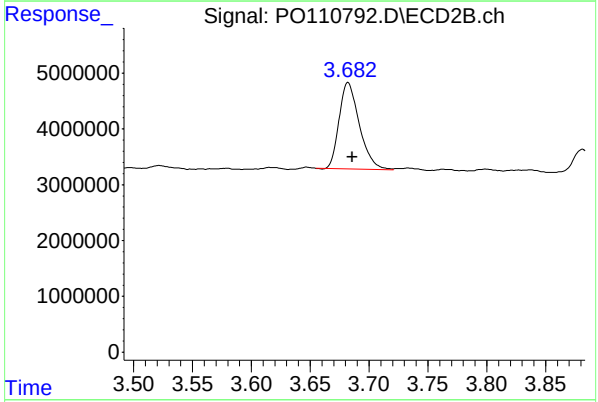




#1 Tetrachloro-m-xylene

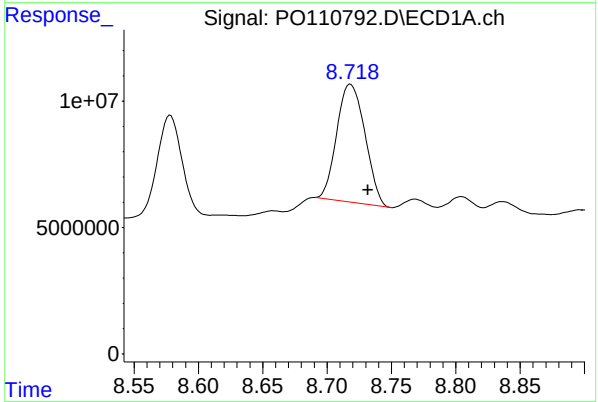
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 35655872
Conc: 4.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01DL



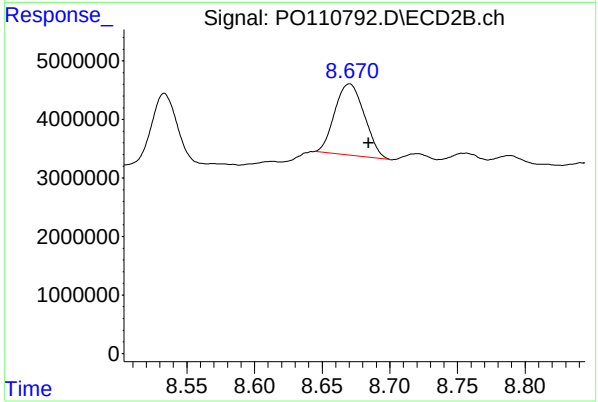
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 18517605
Conc: 3.71 ng/ml



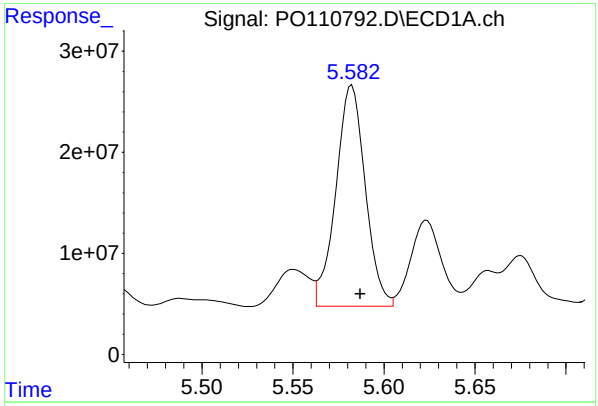
#2 Decachlorobiphenyl

R.T.: 8.718 min
Delta R.T.: -0.013 min
Response: 71057179
Conc: 9.00 ng/ml



#2 Decachlorobiphenyl

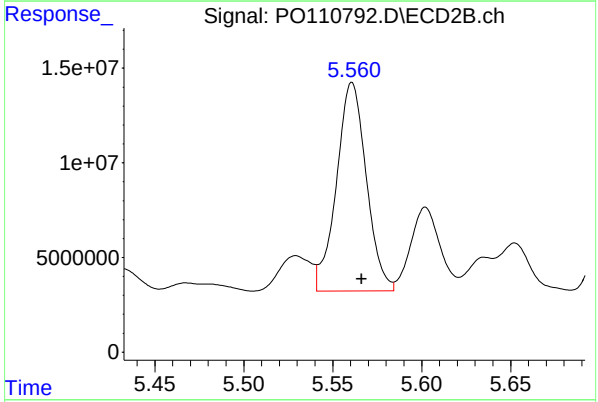
R.T.: 8.670 min
Delta R.T.: -0.014 min
Response: 18499429
Conc: 9.61 ng/ml



#26 AR-1254-1

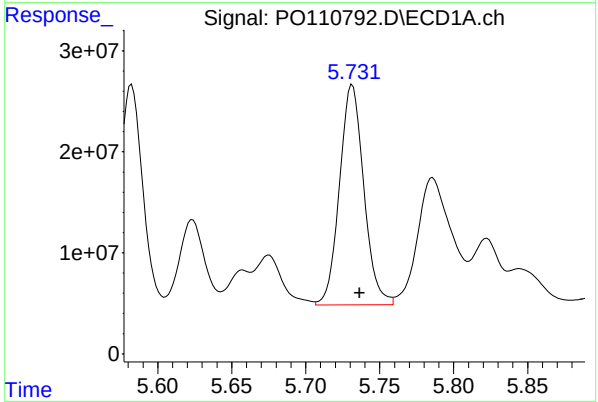
R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 246926356
Conc: 442.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01DL



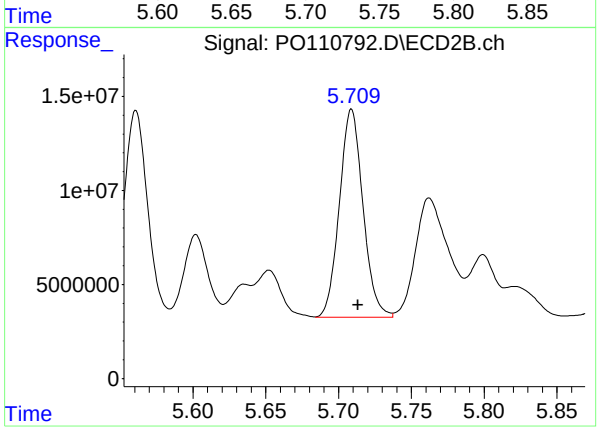
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 128782735
Conc: 427.14 ng/ml



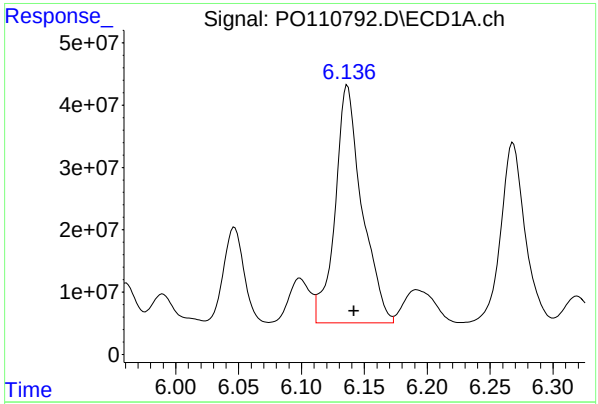
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.005 min
Response: 249175359
Conc: 513.02 ng/ml



#27 AR-1254-2

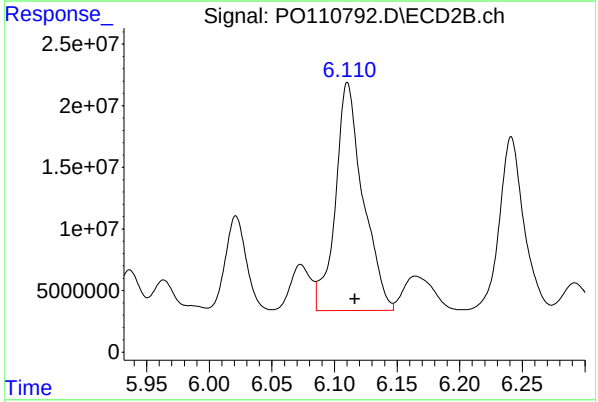
R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 124847629
Conc: 471.68 ng/ml



#28 AR-1254-3

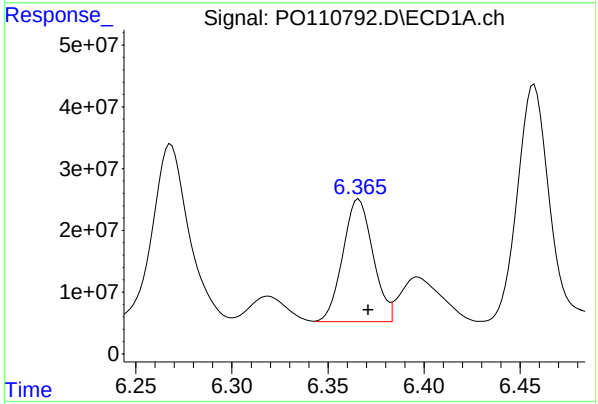
R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 566078495
Conc: 722.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01DL



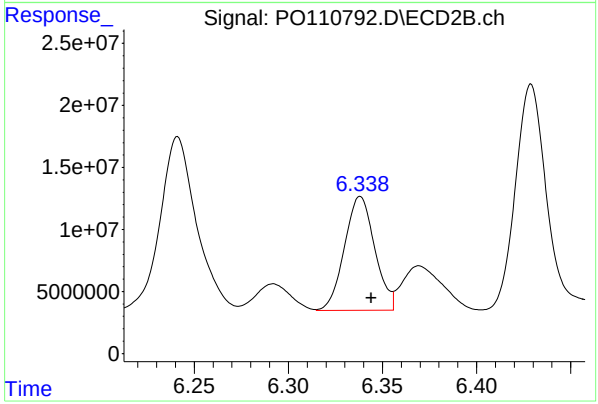
#28 AR-1254-3

R.T.: 6.110 min
Delta R.T.: -0.006 min
Response: 283782500
Conc: 703.45 ng/ml



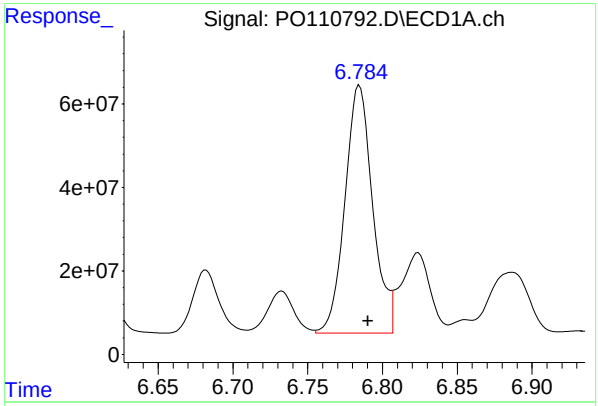
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 215973497
Conc: 442.93 ng/ml



#29 AR-1254-4

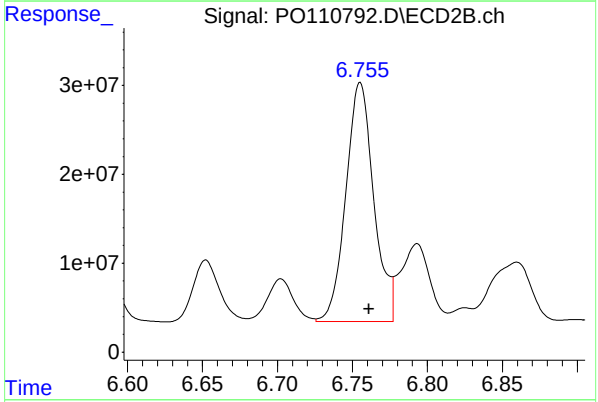
R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 102630088
Conc: 446.78 ng/ml



#30 AR-1254-5

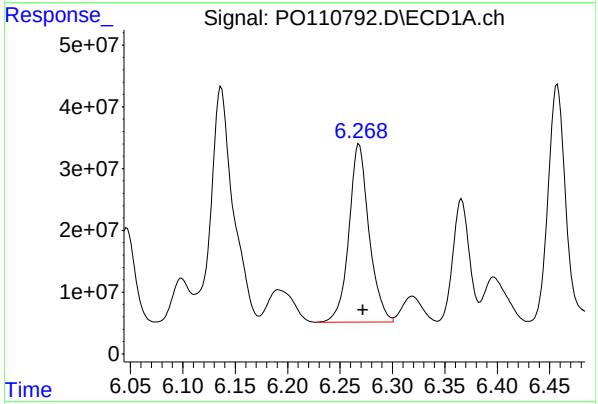
R.T.: 6.785 min
Delta R.T.: -0.006 mi
Response: 764593217
Conc: 1090.87 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01DL



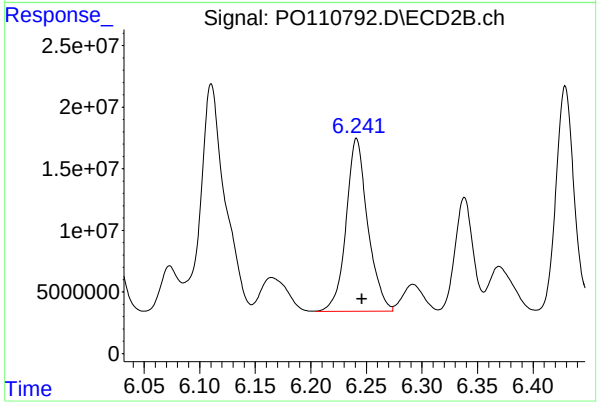
#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 347996050
Conc: 1047.26 ng/ml



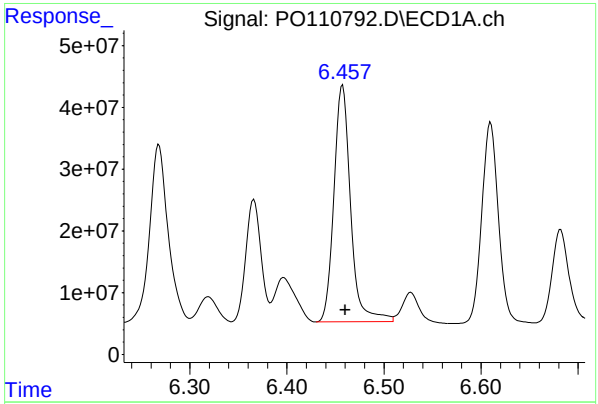
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 385363470
Conc: 815.68 ng/ml



#31 AR-1260-1

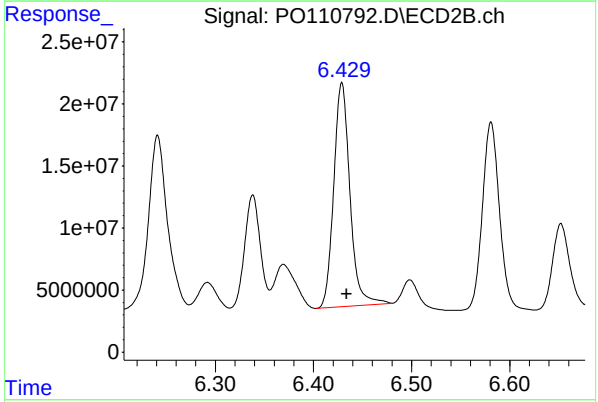
R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 189946594
Conc: 772.26 ng/ml



#32 AR-1260-2

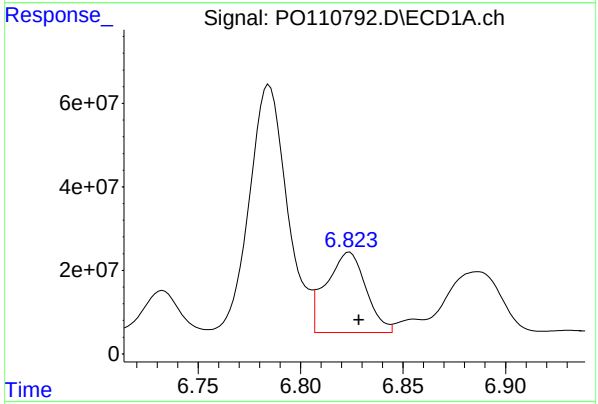
R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 457083653
Conc: 779.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01DL



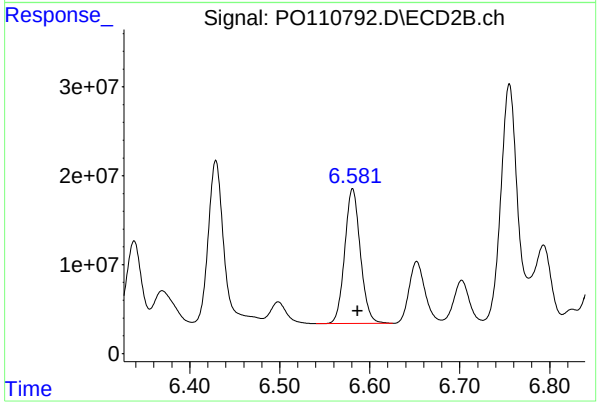
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 207326884
Conc: 710.63 ng/ml



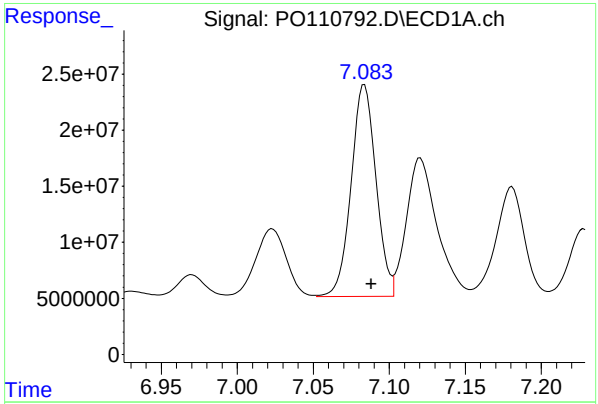
#33 AR-1260-3

R.T.: 6.824 min
Delta R.T.: -0.005 min
Response: 258859181
Conc: 525.21 ng/ml



#33 AR-1260-3

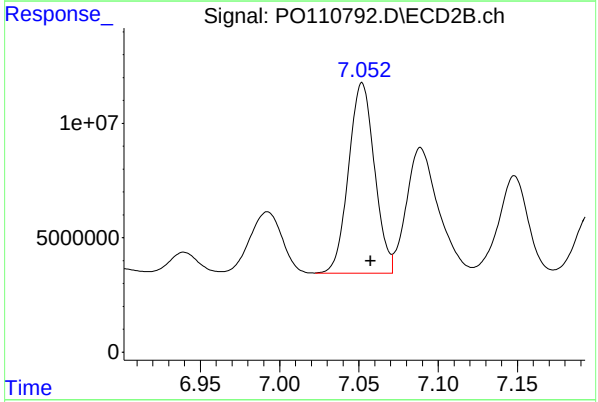
R.T.: 6.581 min
Delta R.T.: -0.006 min
Response: 183386053
Conc: 676.99 ng/ml



#34 AR-1260-4

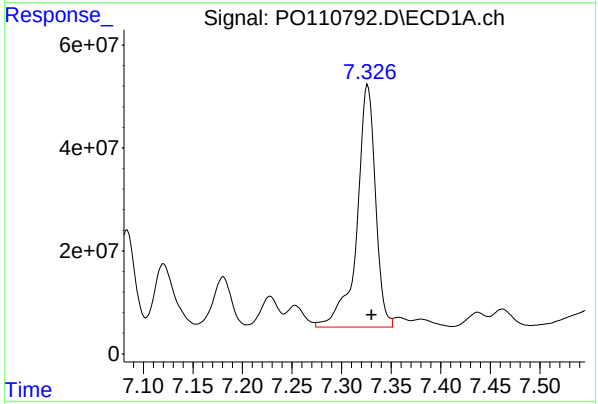
R.T.: 7.084 min
Delta R.T.: -0.005 min
Response: 214708486
Conc: 505.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS025-01DL



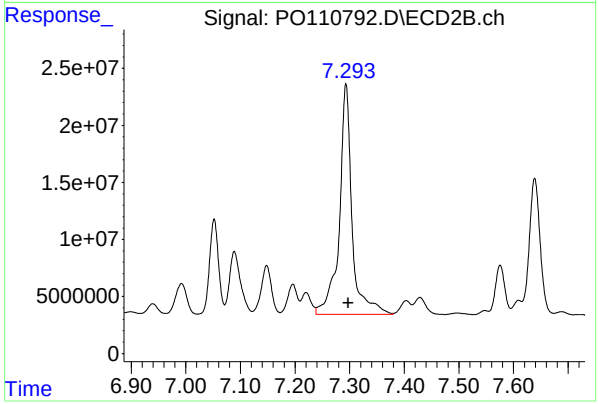
#34 AR-1260-4

R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 94765972
Conc: 472.32 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 613783332
Conc: 588.21 ng/ml



#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 327265245
Conc: 713.22 ng/ml

Raw Data: **PO110741.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS026-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-32	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.2 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110741.D	1	04/25/25 08:20	04/25/25 18:26	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.00	U	5.00	21.5	ug/kg
11104-28-2	Aroclor-1221	5.10	U	5.10	21.5	ug/kg
11141-16-5	Aroclor-1232	4.70	U	4.70	21.5	ug/kg
53469-21-9	Aroclor-1242	5.10	U	5.10	21.5	ug/kg
12672-29-6	Aroclor-1248	7.50	U	7.50	21.5	ug/kg
11097-69-1	Aroclor-1254	3800	E	4.10	21.5	ug/kg
37324-23-5	Aroclor-1262	6.30	U	6.30	21.5	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	21.5	ug/kg
11096-82-5	Aroclor-1260	4.10	U	4.10	21.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.5		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	74.5	*	32 - 175	373%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 18:26
Operator : YP/AJ
Sample : Q1860-32
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS026-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:27:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	170.4E6	92679967	19.478m	18.574m
2)	SA Decachlor...	8.720	8.672	588.6E6	127.7E6	74.548	66.337
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.563	1999.3E6	1052.9E6	3583.014	3492.272
27)	L6 AR-1254-2	5.734	5.711	4019.1E6	1425.9E6	8274.814	5387.231 #
28)	L6 AR-1254-3	6.138	6.113	4412.6E6	2294.5E6	5633.963	5687.579
29)	L6 AR-1254-4	6.368	6.342	1880.2E6	931.3E6	3855.961	4054.074
30)	L6 AR-1254-5	6.787	6.756	14890.9E6	8982.6E6	21245.359	27032.136 #

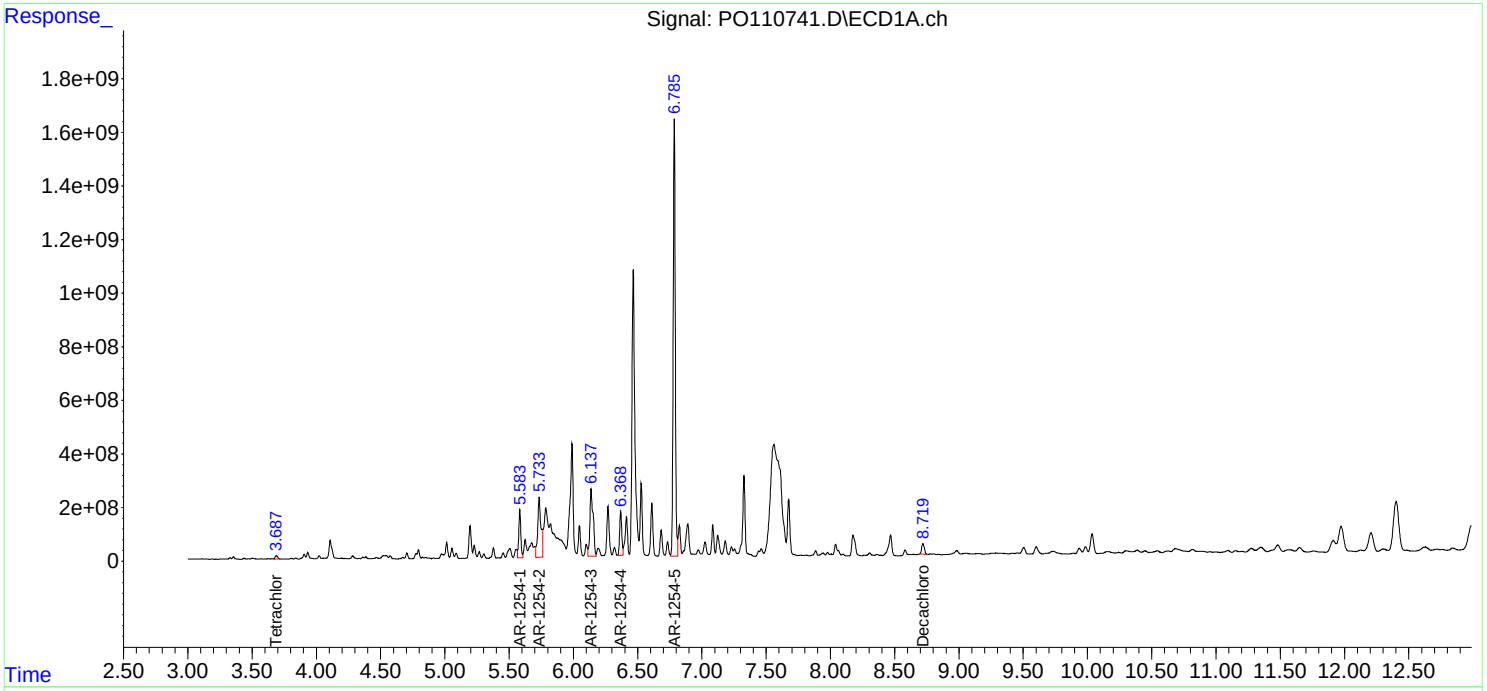
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

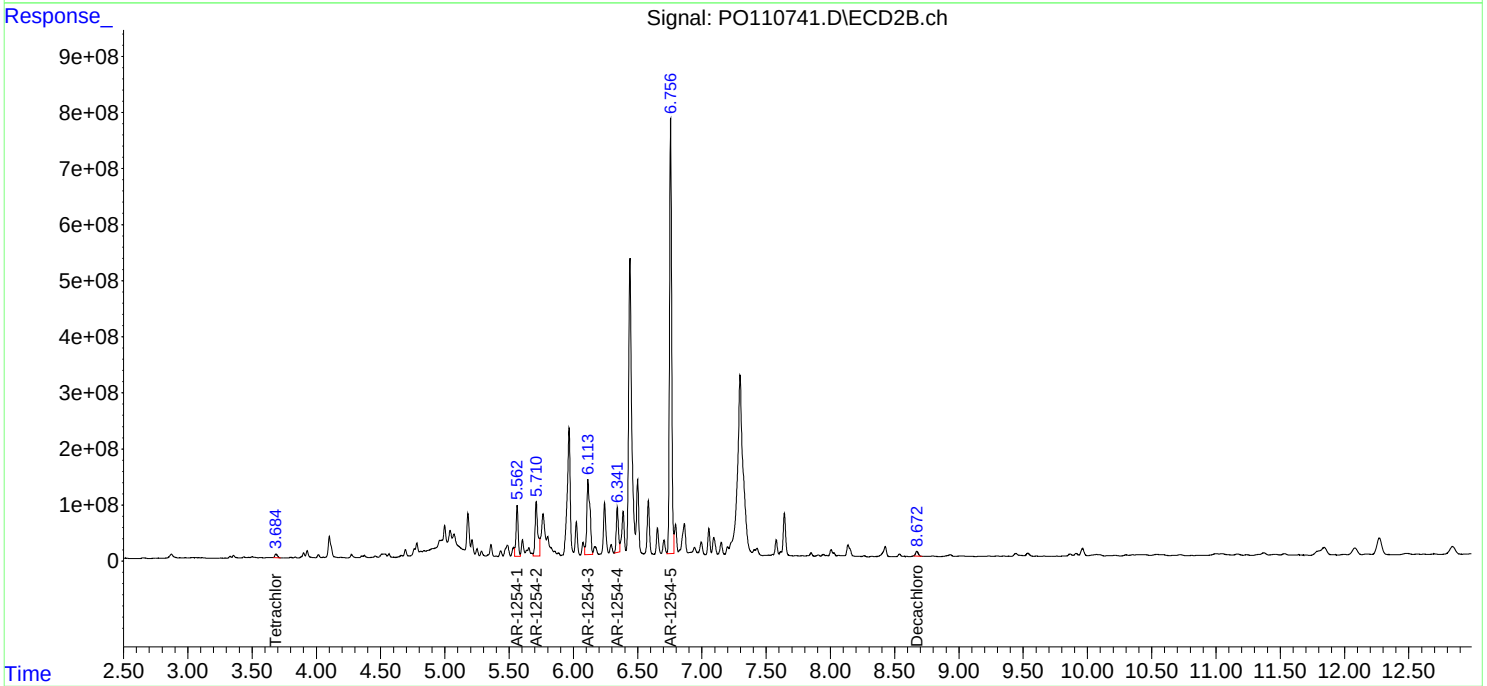
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 18:26
Operator : YP/AJ
Sample : Q1860-32
Misc :
ALS Vial : 18 Sample Multiplier: 1

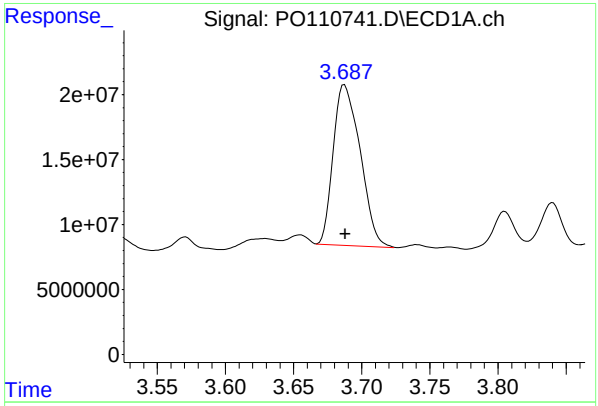
Instrument :
ECD_O
ClientSampleId :
P001-SS026-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:27:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



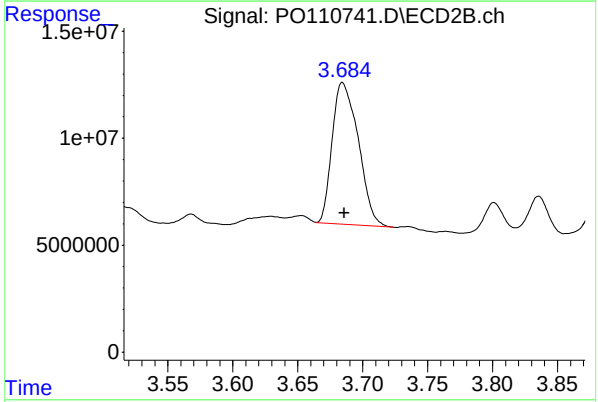




#1 Tetrachloro-m-xylene

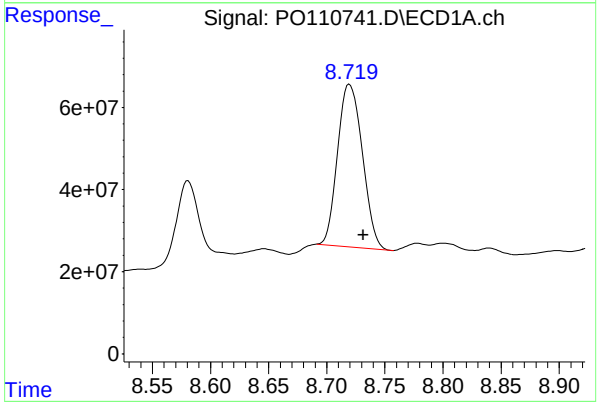
R.T.: 3.687 min
Delta R.T.: -0.001 mi
Response: 170412705
Conc: 19.48 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS026-01



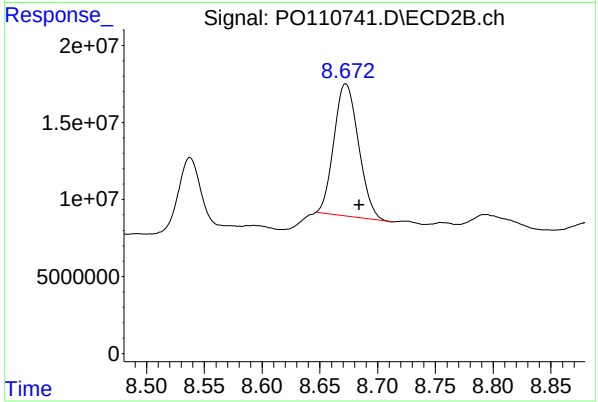
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 92679967
Conc: 18.57 ng/ml m



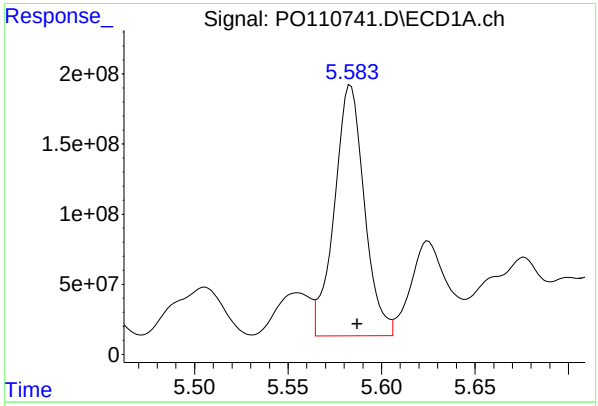
#2 Decachlorobiphenyl

R.T.: 8.720 min
Delta R.T.: -0.012 min
Response: 588553251
Conc: 74.55 ng/ml



#2 Decachlorobiphenyl

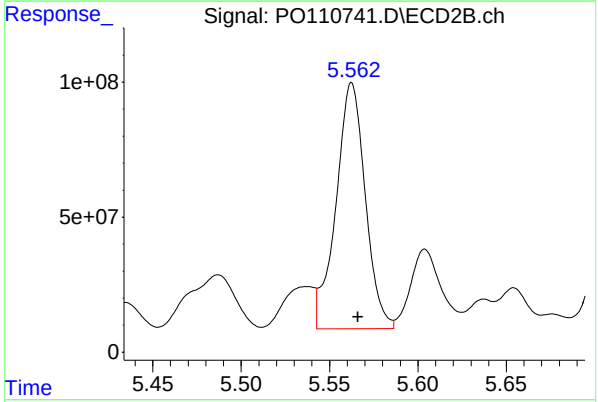
R.T.: 8.672 min
Delta R.T.: -0.012 min
Response: 127697419
Conc: 66.34 ng/ml



#26 AR-1254-1

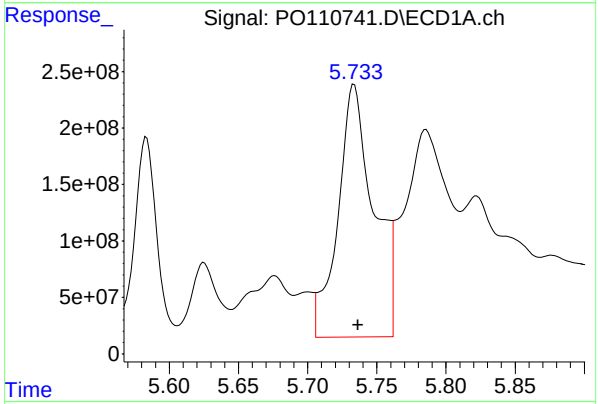
R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 1999282991
Conc: 3583.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS026-01



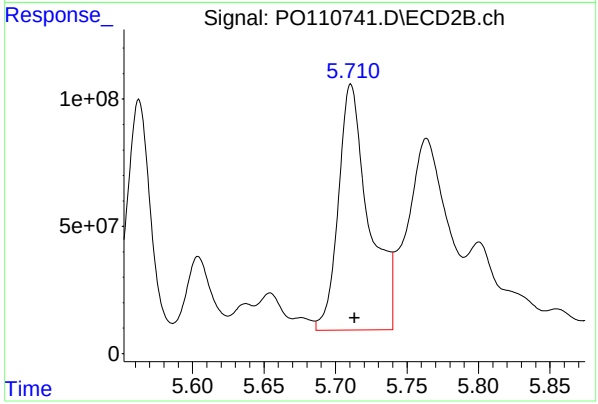
#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 1052916787
Conc: 3492.27 ng/ml



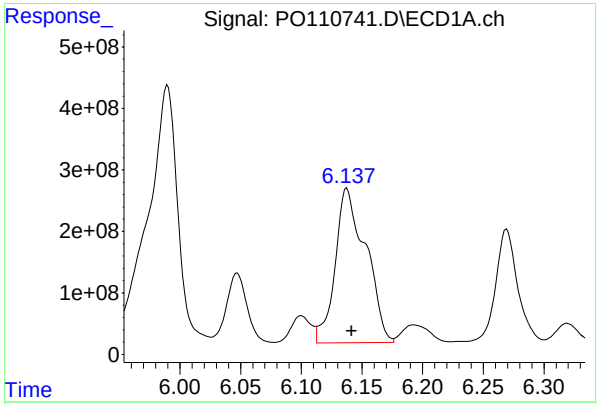
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.003 min
Response: 4019098345
Conc: 8274.81 ng/ml



#27 AR-1254-2

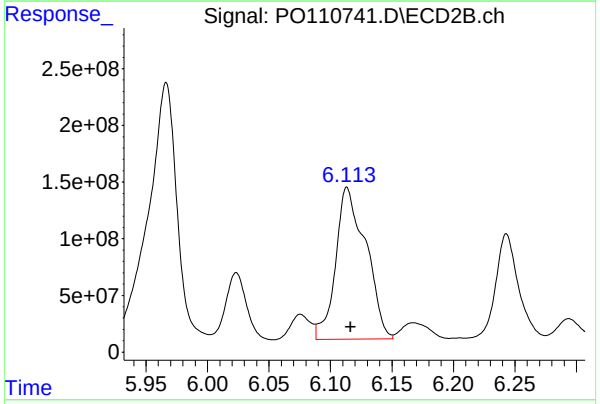
R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 1425920997
Conc: 5387.23 ng/ml



#28 AR-1254-3

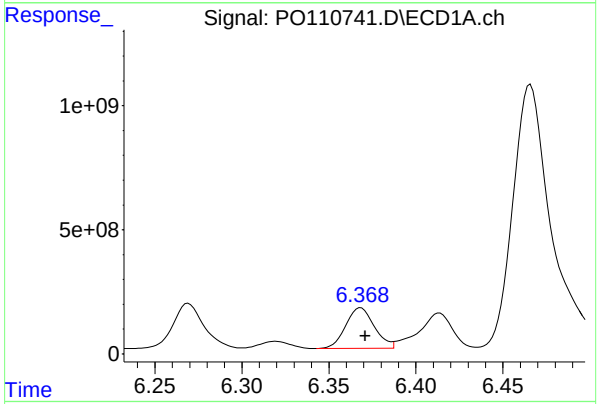
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 4412642380
Conc: 5633.96 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS026-01



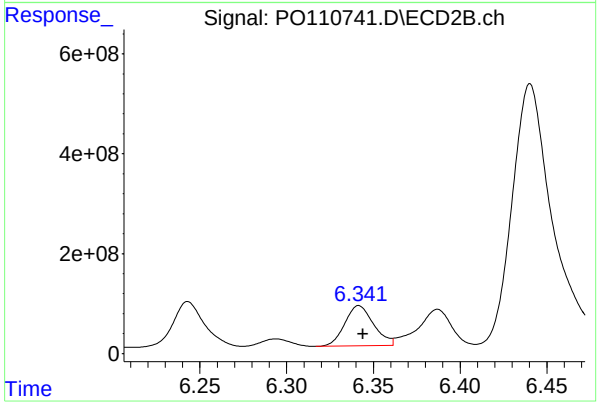
#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.003 min
Response: 2294461011
Conc: 5687.58 ng/ml



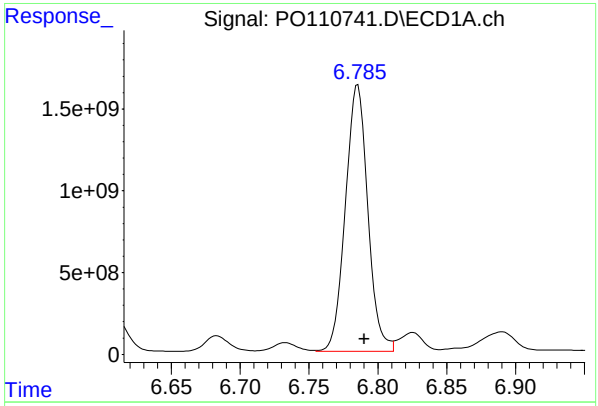
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 1880187023
Conc: 3855.96 ng/ml



#29 AR-1254-4

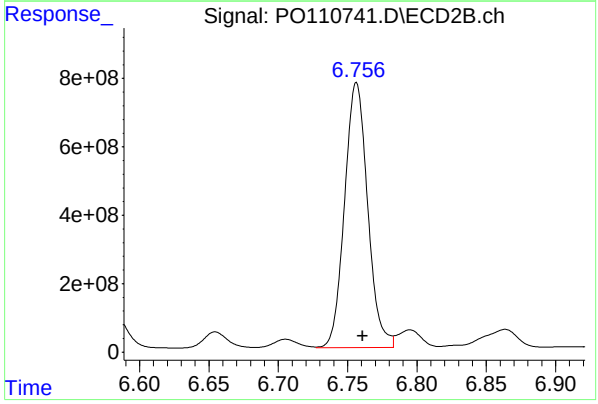
R.T.: 6.342 min
Delta R.T.: -0.003 min
Response: 931272987
Conc: 4054.07 ng/ml



#30 AR-1254-5

R.T.: 6.787 min
Delta R.T.: -0.003 mi
Response: 14890869755
Conc: 21245.36 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS026-01



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 8982555463
Conc: 27032.14 ng/ml

Raw Data: **PO110794.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS026-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-32DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.2 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110794.D	20	04/25/25 08:20	04/28/25 12:29	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	99.7	UD	99.7	429	ug/kg
11104-28-2	Aroclor-1221	102	UD	102	429	ug/kg
11141-16-5	Aroclor-1232	93.9	UD	93.9	429	ug/kg
53469-21-9	Aroclor-1242	101	UD	101	429	ug/kg
12672-29-6	Aroclor-1248	149	UD	149	429	ug/kg
11097-69-1	Aroclor-1254	4800	D	81.0	429	ug/kg
37324-23-5	Aroclor-1262	127	UD	127	429	ug/kg
11100-14-4	Aroclor-1268	90.9	UD	90.9	429	ug/kg
11096-82-5	Aroclor-1260	81.5	UD	81.5	429	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.2		32 - 144	131%	SPK: 20
2051-24-3	Decachlorobiphenyl	83.6	*	32 - 175	418%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110794.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110794.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 12:29
Operator : YP/AJ
Sample : Q1860-32DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS026-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:52:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.684	11418466	5211604	1.305m	1.044
2)	SA Decachlor...	8.719	8.669	30021952	8045268	3.803	4.179
	Target Compounds						
26)	L6 AR-1254-1	5.582	5.562	218.2E6	87437046	391.063m	290.008 #
27)	L6 AR-1254-2	5.732	5.710	214.3E6	96123125	441.174m	363.160
28)	L6 AR-1254-3	6.137	6.112	309.2E6	148.0E6	394.792	366.923
29)	L6 AR-1254-4	6.367	6.339	109.8E6	50087634	225.084	218.045
30)	L6 AR-1254-5	6.784	6.755	986.4E6	438.6E6	1407.399	1319.909

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110794.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 12:29
Operator : YP/AJ
Sample : Q1860-32DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

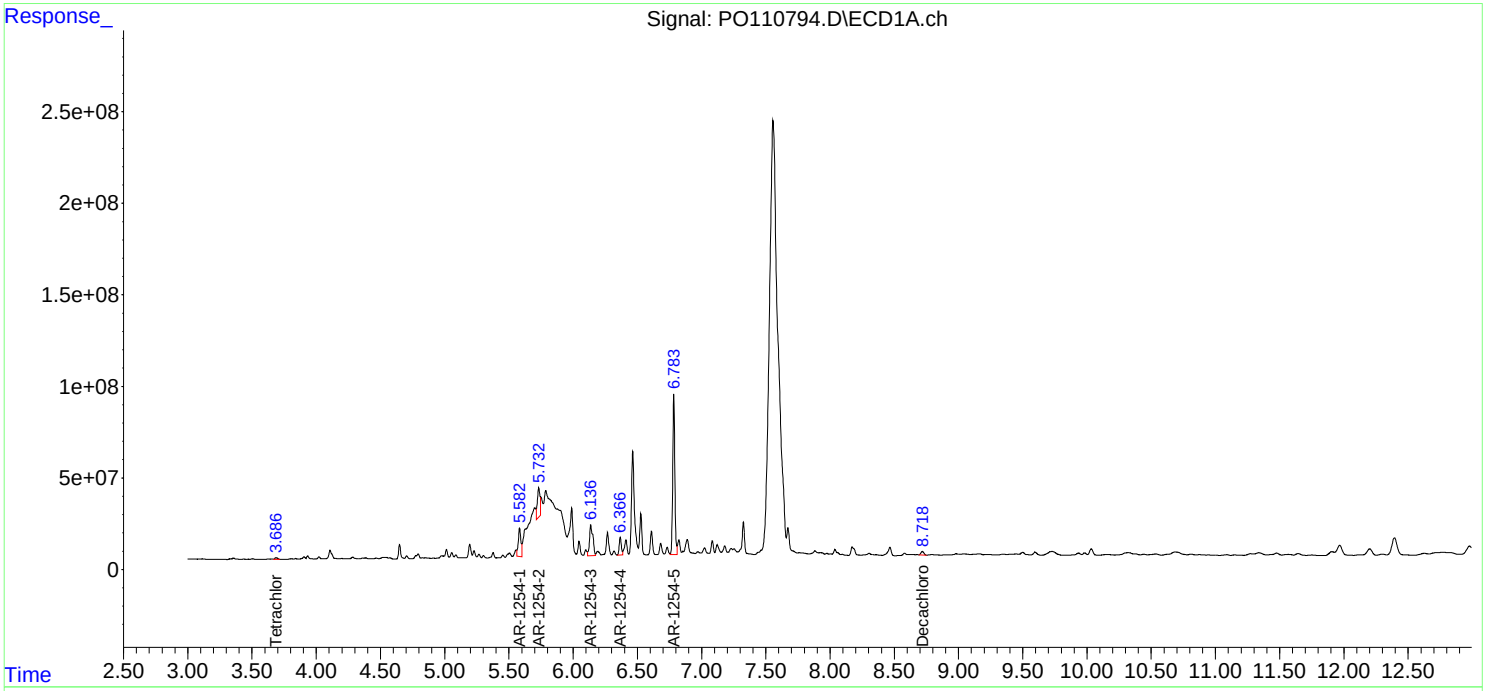
Instrument :
ECD_O
ClientSampleId :
P001-SS026-01DL

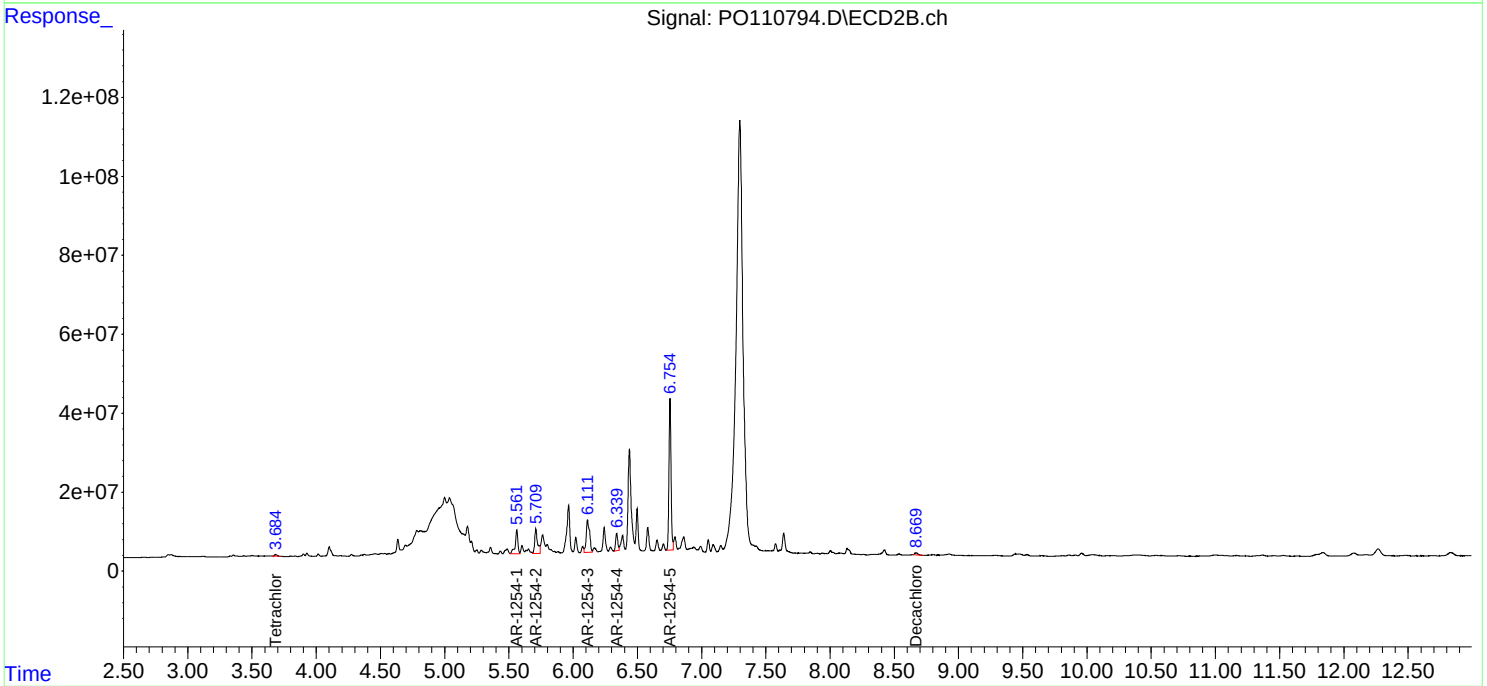
Manual Integrations APPROVED

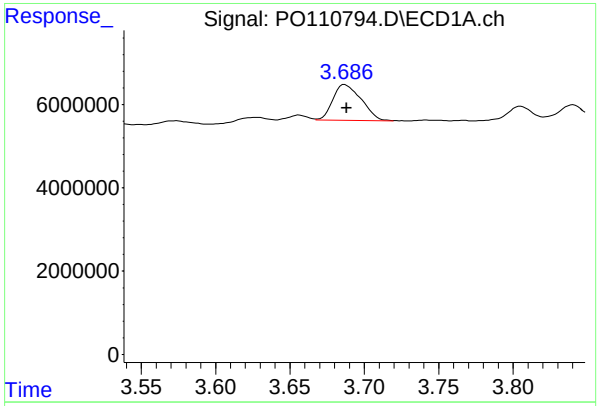
Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:52:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







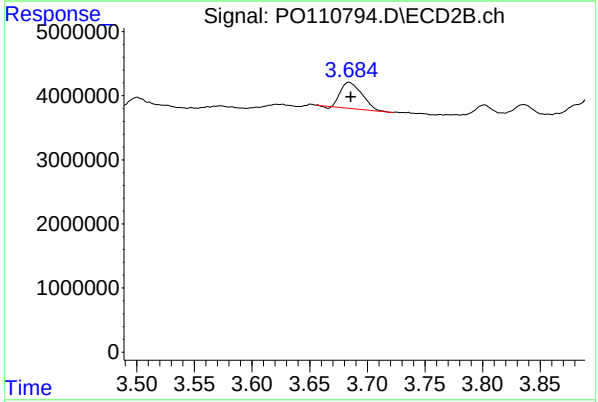
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 11418466
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS026-01DL

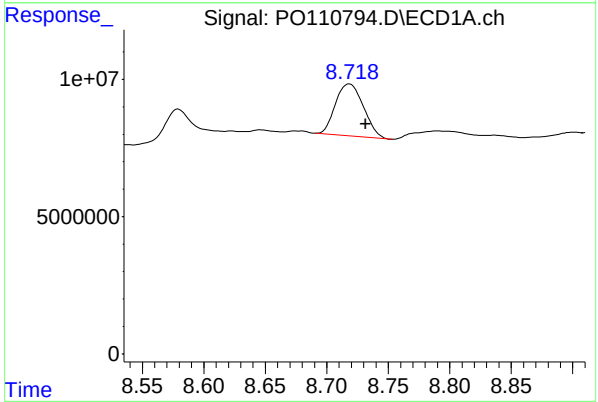
Manual Integrations
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Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



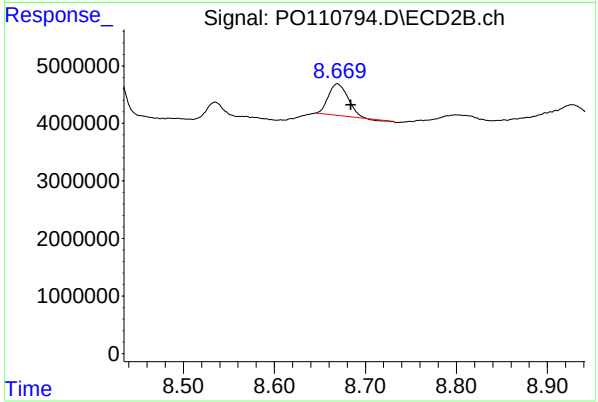
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 5211604
Conc: 1.04 ng/ml



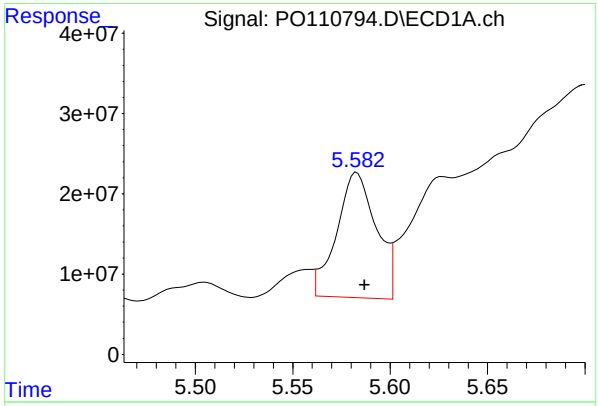
#2 Decachlorobiphenyl

R.T.: 8.719 min
Delta R.T.: -0.013 min
Response: 30021952
Conc: 3.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: -0.015 min
Response: 8045268
Conc: 4.18 ng/ml



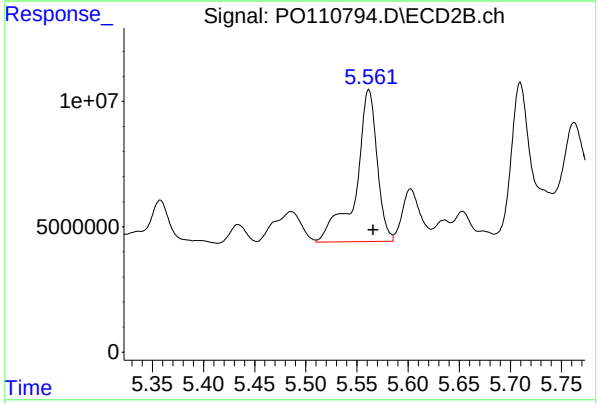
#26 AR-1254-1

R.T.: 5.582 min
Delta R.T.: -0.005 mi
Response: 218209125
Conc: 391.06 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS026-01DL

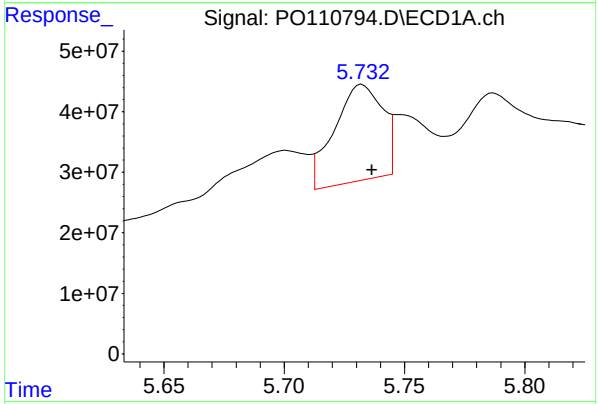
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



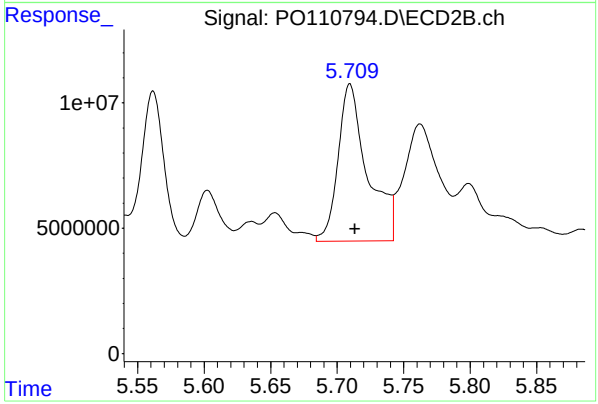
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 87437046
Conc: 290.01 ng/ml



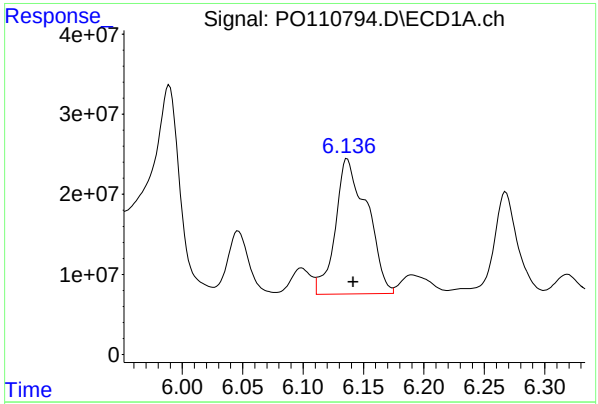
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.005 min
Response: 214279104
Conc: 441.17 ng/ml m



#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 96123125
Conc: 363.16 ng/ml



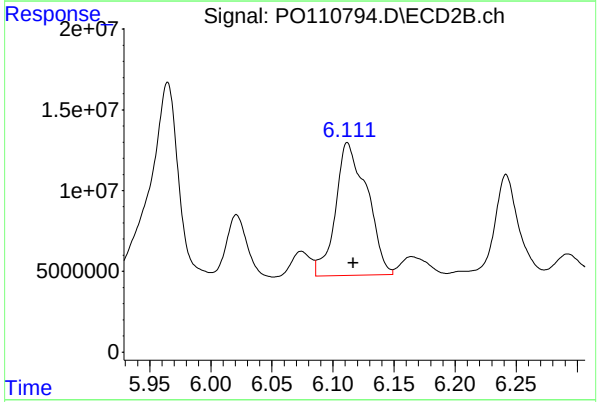
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 309210007
Conc: 394.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS026-01DL

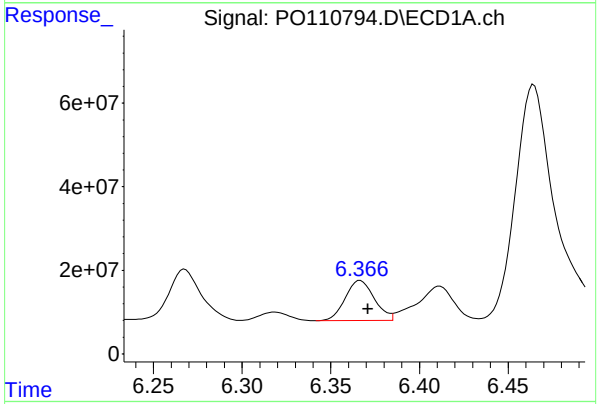
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



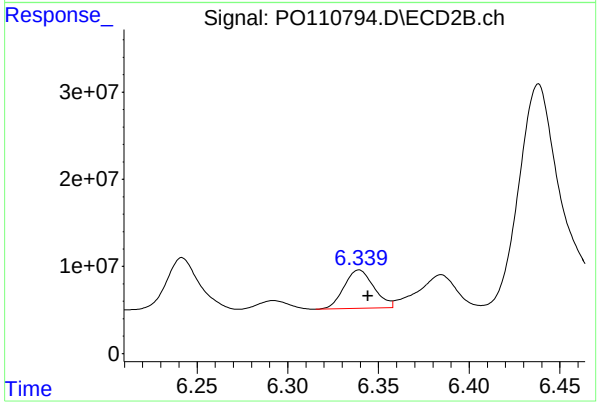
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 148022681
Conc: 366.92 ng/ml



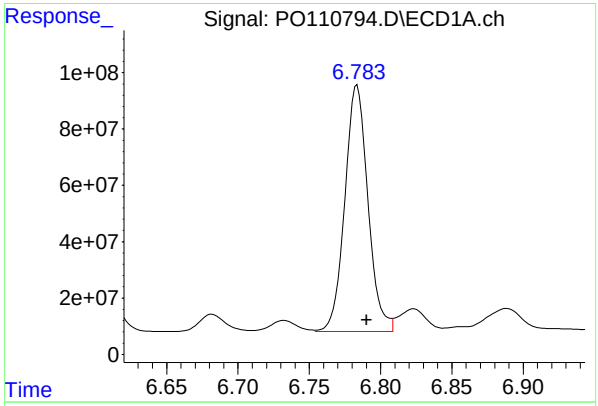
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 109752255
Conc: 225.08 ng/ml



#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 50087634
Conc: 218.04 ng/ml



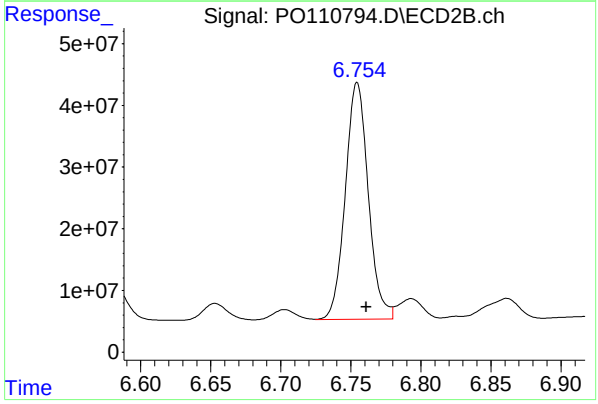
#30 AR-1254-5

R.T.: 6.784 min
Delta R.T.: -0.007 mi
Response: 986445770
Conc: 1407.40 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS026-01DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 438594801
Conc: 1319.91 ng/ml

Raw Data: **PP071536.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS027-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-33	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071536.D	1	04/25/25 08:20	04/28/25 10:43	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.6	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	114		6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	225		3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.6	ug/kg
11096-82-5	Aroclor-1260	176		3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		32 - 144	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.7		32 - 175	78%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071536.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071536.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:43
Operator : YP\AJ
Sample : Q1860-33
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:10:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.513	3.809	34088792	24406173	17.194	17.326	
2)	SA Decachlor...	10.226	8.840	22673141	12549892	15.658	14.309	
	Target Compounds							
21)	L5 AR-1248-1	5.672	4.893	9130482	7072530	212.639m	195.879	
22)	L5 AR-1248-2	5.937	5.130	19284346	20340242	319.106	415.426	#
23)	L5 AR-1248-3	6.138	5.172	20034360	12757833	299.986m	249.735	
24)	L5 AR-1248-4	6.539	5.344	20885194	18249366	246.838	300.860m	
25)	L5 AR-1248-5	6.579	5.738	29976975	18649816	377.314	319.944	
26)	L6 AR-1254-1	6.514	5.697	38810316	43489843	473.578	475.817	
27)	L6 AR-1254-2	6.732	5.845	60408538	30647687	475.373	389.364	
28)	L6 AR-1254-3	7.095	6.249	62379147	68319233	488.196	576.493	
29)	L6 AR-1254-4	7.377	6.477	46750845	28983841	397.834	375.606	
30)	L6 AR-1254-5	7.794	6.894	117.0E6	70534157	1086.016	695.139	#
31)	L7 AR-1260-1	7.258	6.380	46857119	43094019	487.970	596.051	
32)	L7 AR-1260-2	7.511	6.568	81440302	42702074	569.205	488.239	
33)	L7 AR-1260-3	7.871	6.720	37455837	38230636	334.117	487.713	#
34)	L7 AR-1260-4	8.092	7.192	60825958	20803905	538.927	329.642	#
35)	L7 AR-1260-5	8.414	7.433	76155047	57194550	336.117	379.331	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071536.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:43
Operator : YP\AJ
Sample : Q1860-33
Misc :
ALS Vial : 10 Sample Multiplier: 1

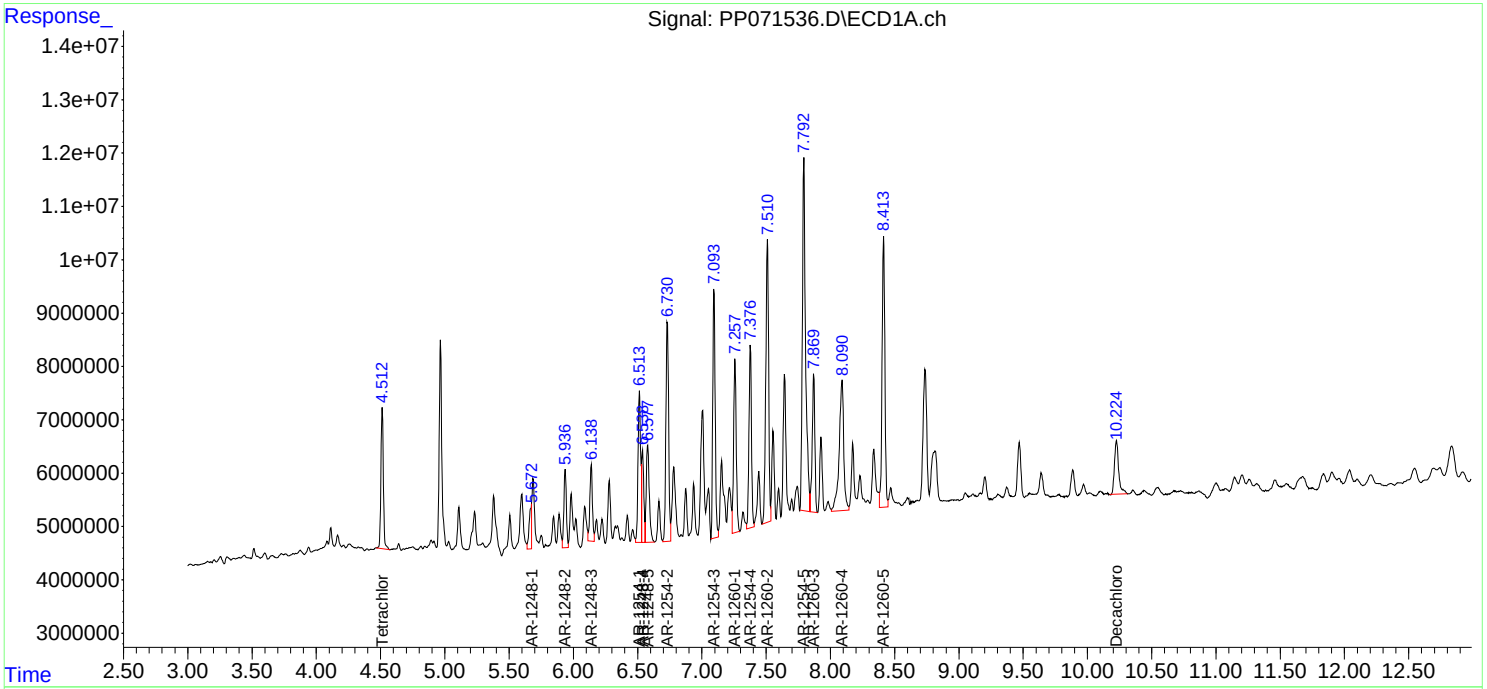
Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

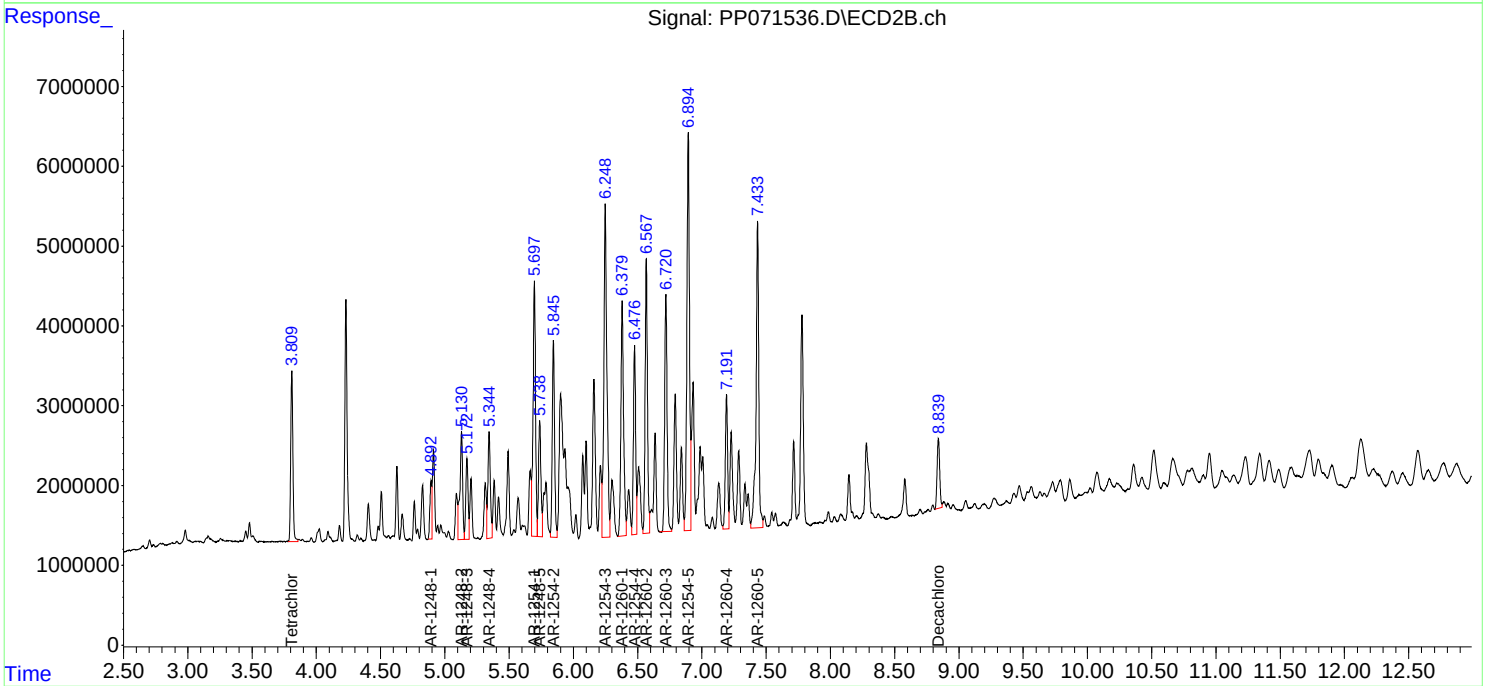
Manual Integrations APPROVED

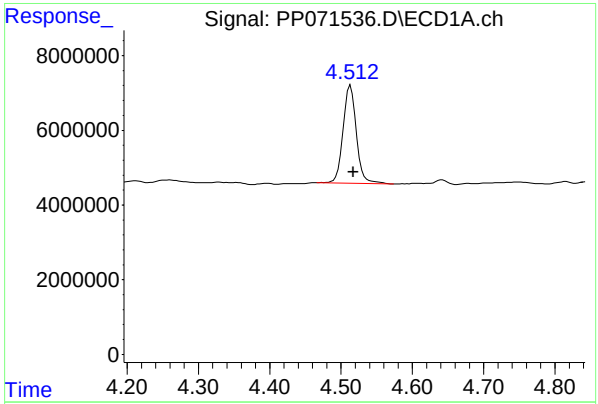
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:10:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







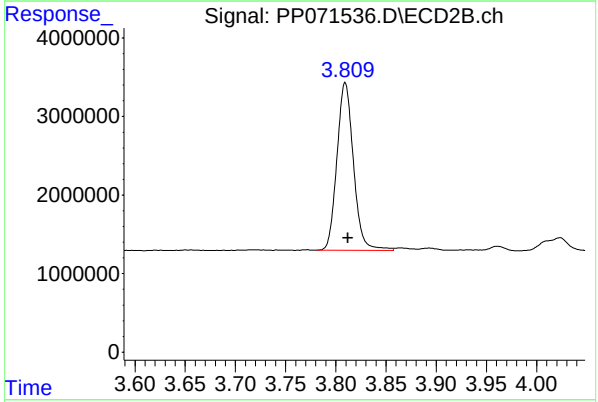
#1 Tetrachloro-m-xylene

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 34088792
Conc: 17.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

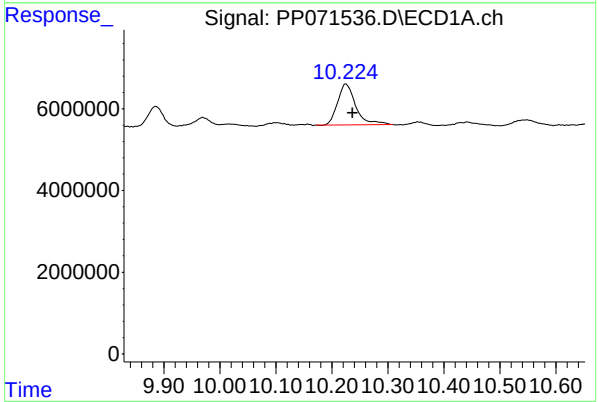
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



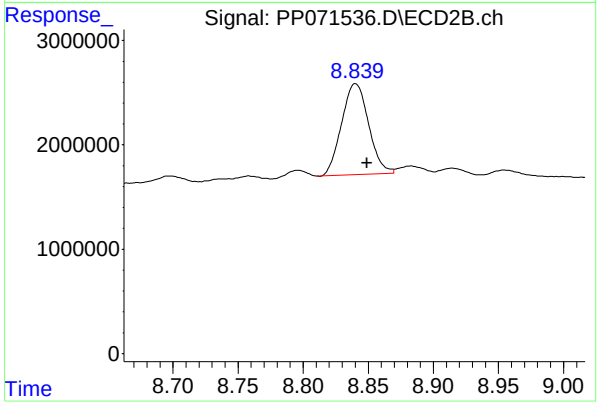
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 24406173
Conc: 17.33 ng/ml



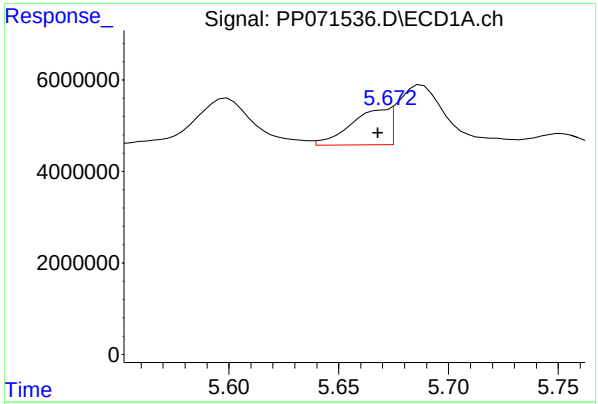
#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: -0.011 min
Response: 22673141
Conc: 15.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.840 min
Delta R.T.: -0.009 min
Response: 12549892
Conc: 14.31 ng/ml



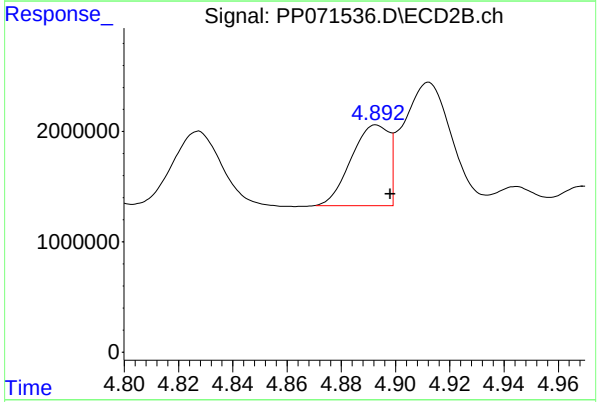
#21 AR-1248-1

R.T.: 5.672 min
Delta R.T.: 0.004 min
Response: 9130482
Conc: 212.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

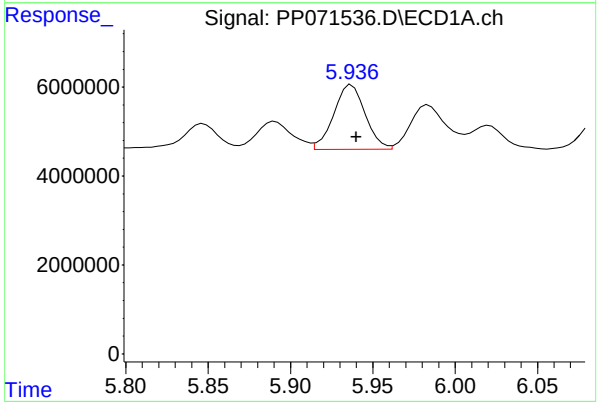
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



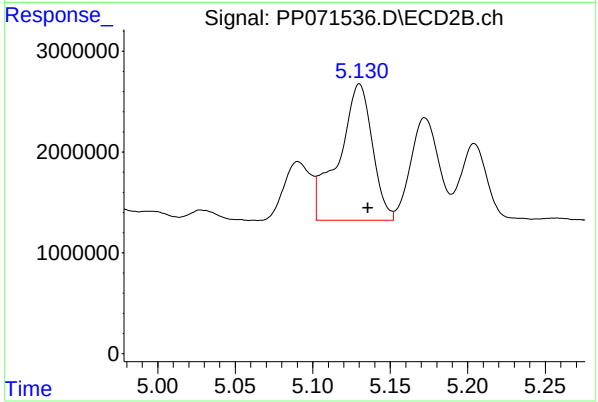
#21 AR-1248-1

R.T.: 4.893 min
Delta R.T.: -0.005 min
Response: 7072530
Conc: 195.88 ng/ml



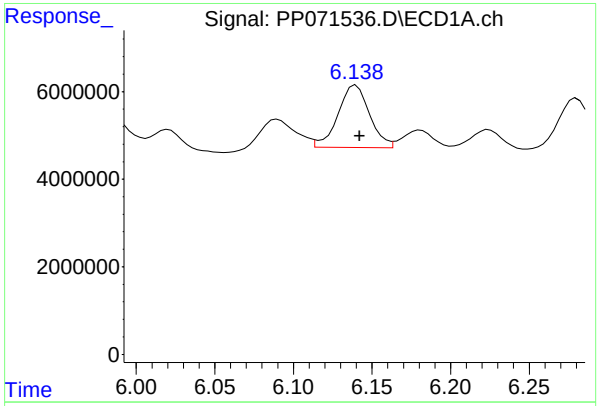
#22 AR-1248-2

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 19284346
Conc: 319.11 ng/ml



#22 AR-1248-2

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 20340242
Conc: 415.43 ng/ml



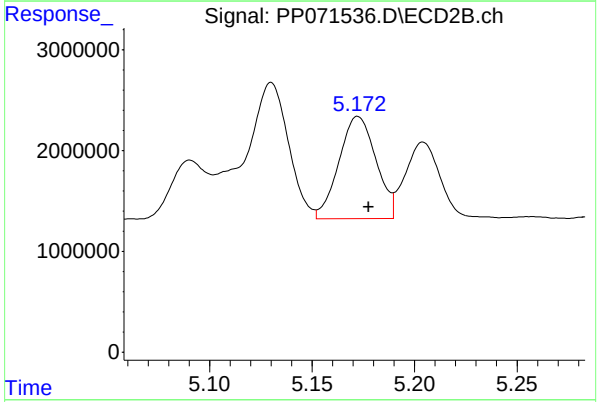
#23 AR-1248-3

R.T.: 6.138 min
Delta R.T.: -0.004 mi
Response: 20034360
Conc: 299.99 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

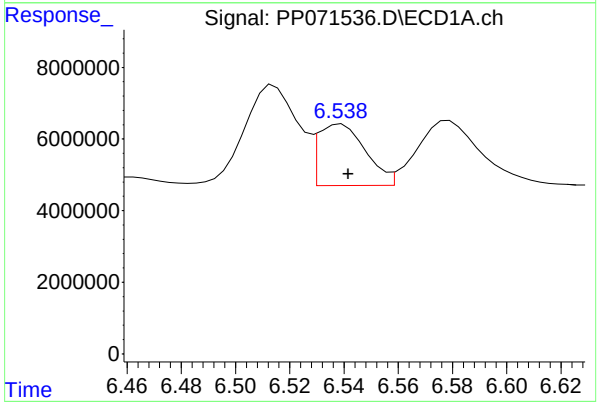
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



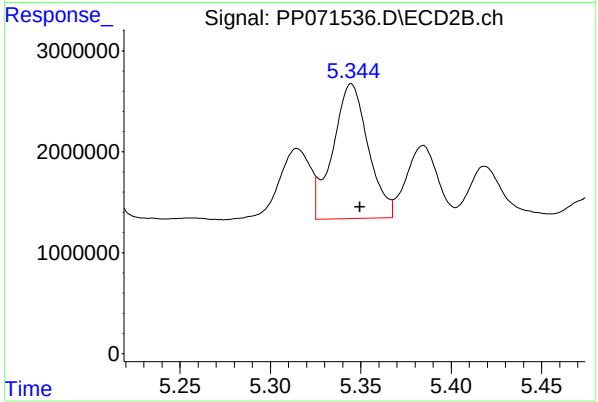
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: -0.005 min
Response: 12757833
Conc: 249.73 ng/ml



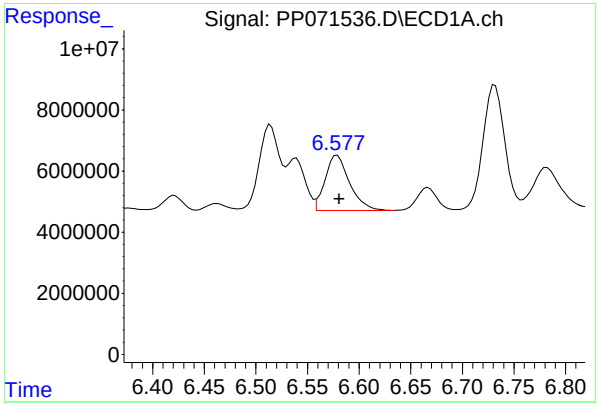
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: -0.003 min
Response: 20885194
Conc: 246.84 ng/ml



#24 AR-1248-4

R.T.: 5.344 min
Delta R.T.: -0.005 min
Response: 18249366
Conc: 300.86 ng/ml m



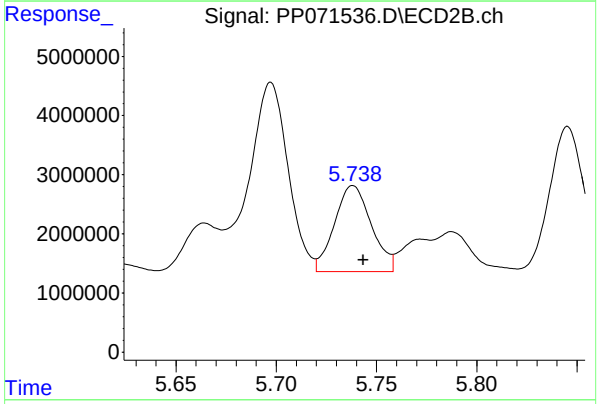
#25 AR-1248-5

R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 29976975
Conc: 377.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

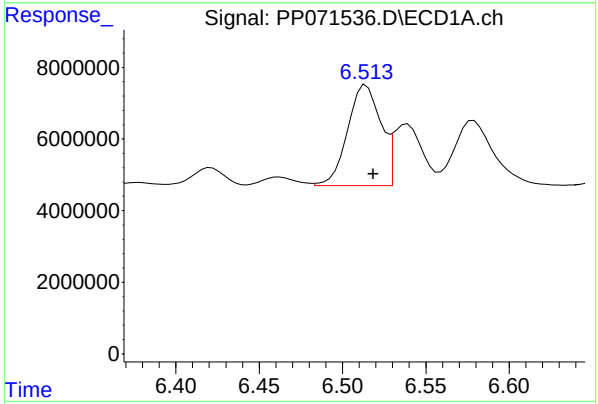
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



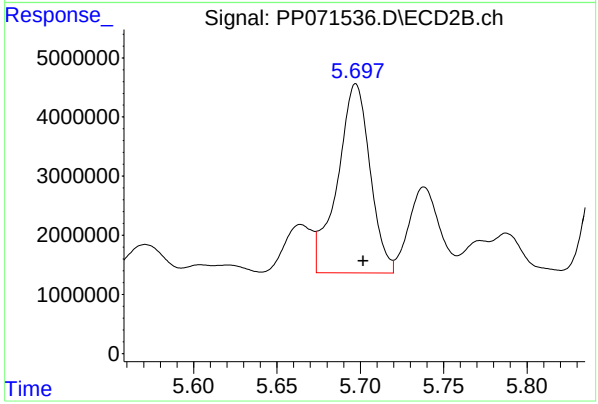
#25 AR-1248-5

R.T.: 5.738 min
Delta R.T.: -0.005 min
Response: 18649816
Conc: 319.94 ng/ml



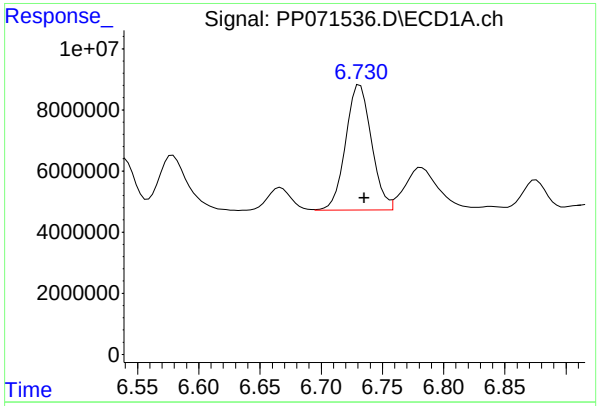
#26 AR-1254-1

R.T.: 6.514 min
Delta R.T.: -0.004 min
Response: 38810316
Conc: 473.58 ng/ml



#26 AR-1254-1

R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 43489843
Conc: 475.82 ng/ml



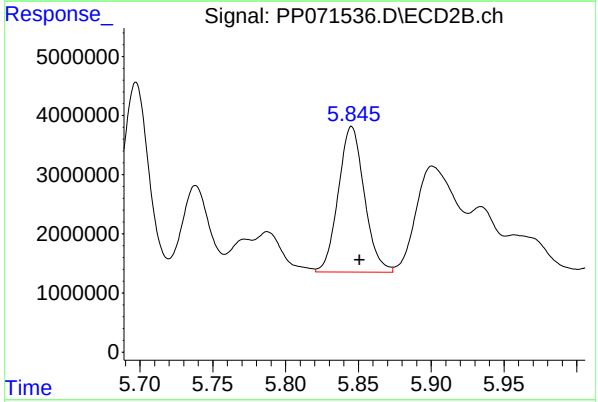
#27 AR-1254-2

R.T.: 6.732 min
Delta R.T.: -0.004 min
Response: 60408538
Conc: 475.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

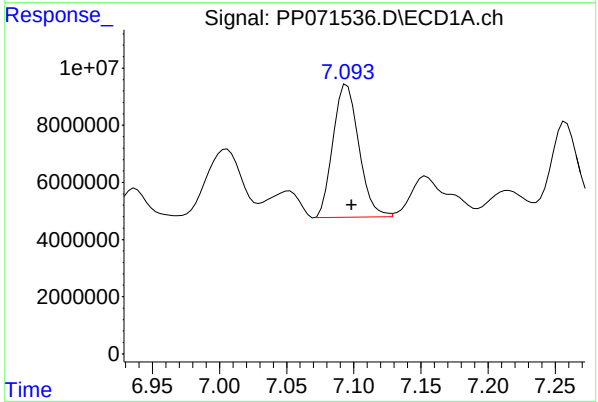
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



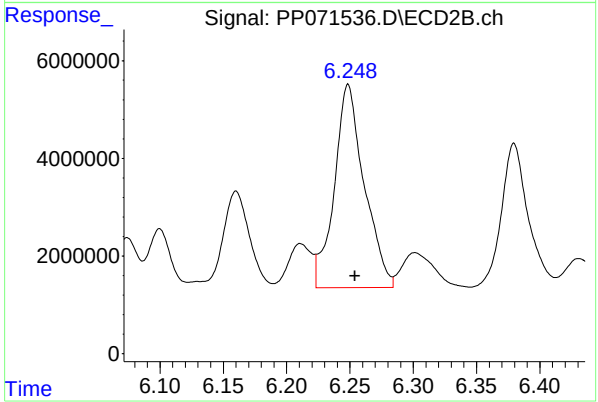
#27 AR-1254-2

R.T.: 5.845 min
Delta R.T.: -0.005 min
Response: 30647687
Conc: 389.36 ng/ml



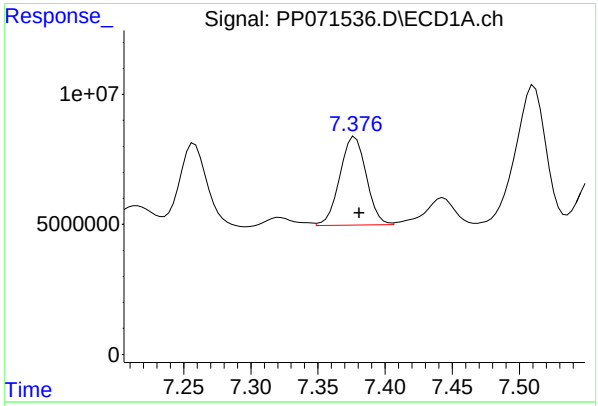
#28 AR-1254-3

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 62379147
Conc: 488.20 ng/ml



#28 AR-1254-3

R.T.: 6.249 min
Delta R.T.: -0.006 min
Response: 68319233
Conc: 576.49 ng/ml



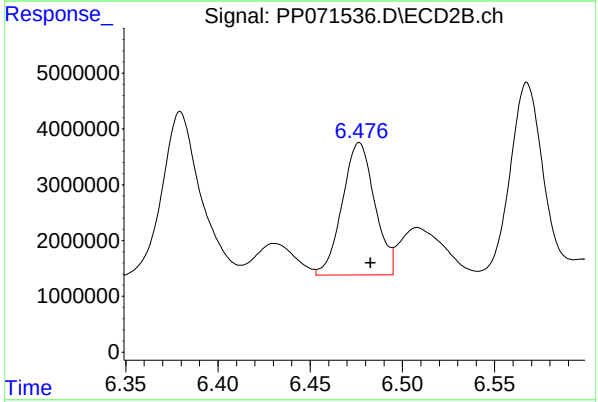
#29 AR-1254-4

R.T.: 7.377 min
Delta R.T.: -0.003 min
Response: 46750845
Conc: 397.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

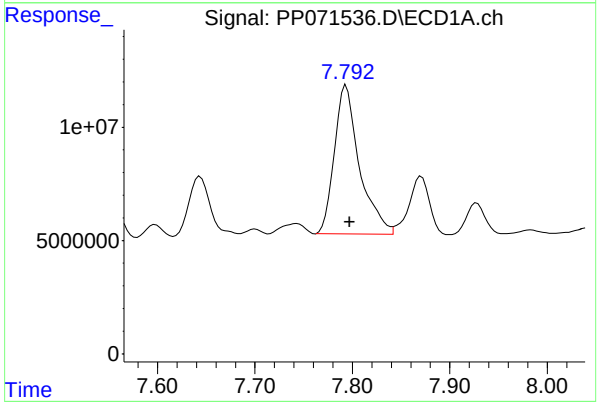
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



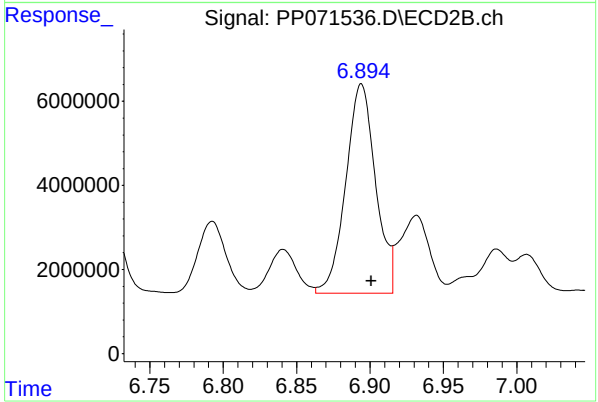
#29 AR-1254-4

R.T.: 6.477 min
Delta R.T.: -0.006 min
Response: 28983841
Conc: 375.61 ng/ml



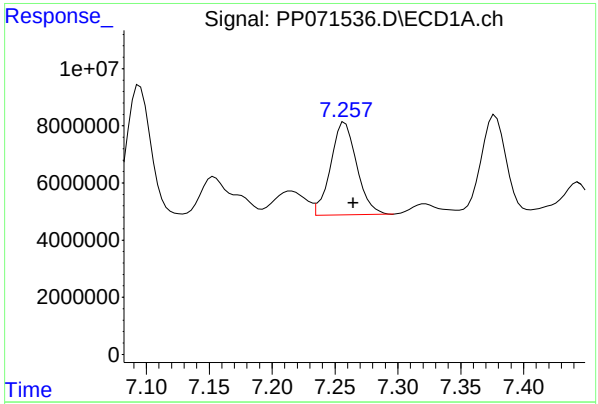
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: -0.003 min
Response: 116996775
Conc: 1086.02 ng/ml



#30 AR-1254-5

R.T.: 6.894 min
Delta R.T.: -0.007 min
Response: 70534157
Conc: 695.14 ng/ml



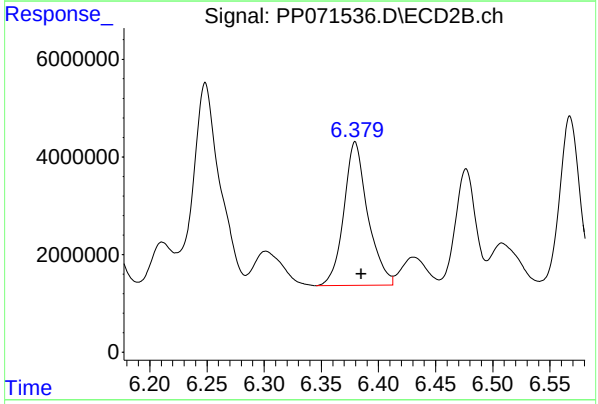
#31 AR-1260-1

R.T.: 7.258 min
Delta R.T.: -0.007 min
Response: 46857119
Conc: 487.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

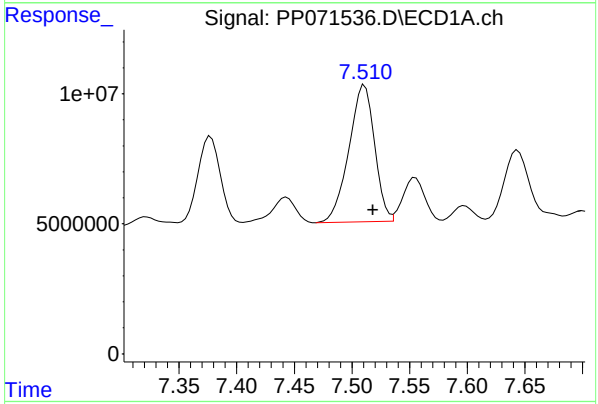
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



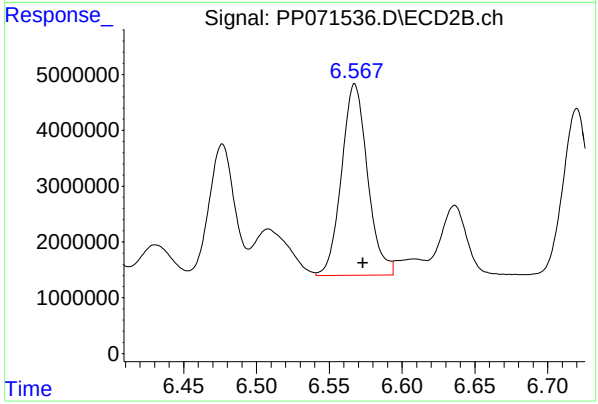
#31 AR-1260-1

R.T.: 6.380 min
Delta R.T.: -0.005 min
Response: 43094019
Conc: 596.05 ng/ml



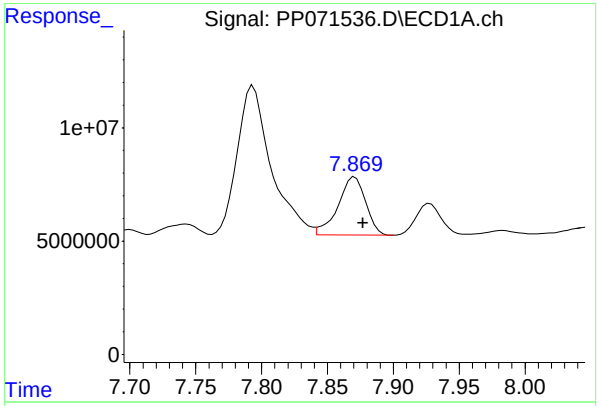
#32 AR-1260-2

R.T.: 7.511 min
Delta R.T.: -0.007 min
Response: 81440302
Conc: 569.20 ng/ml



#32 AR-1260-2

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 42702074
Conc: 488.24 ng/ml



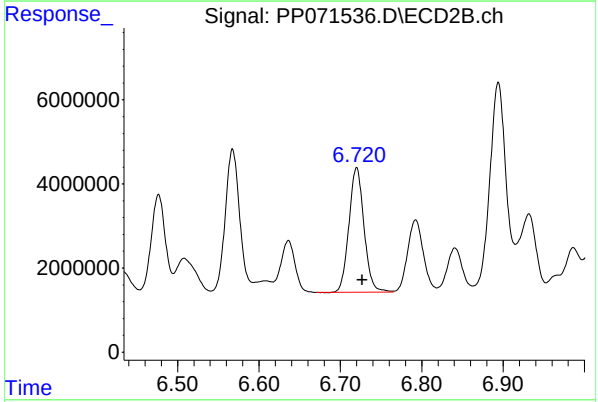
#33 AR-1260-3

R.T.: 7.871 min
Delta R.T.: -0.006 min
Response: 37455837
Conc: 334.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

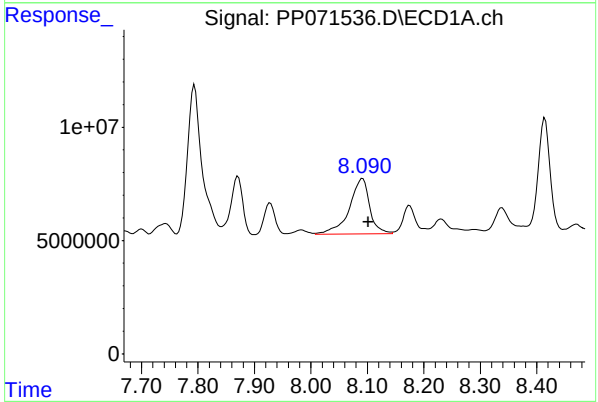
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



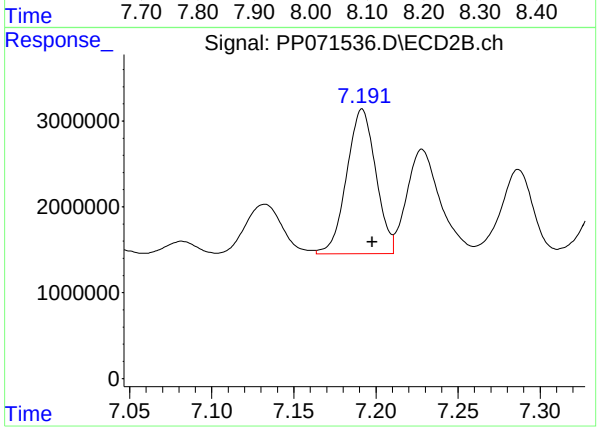
#33 AR-1260-3

R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 38230636
Conc: 487.71 ng/ml



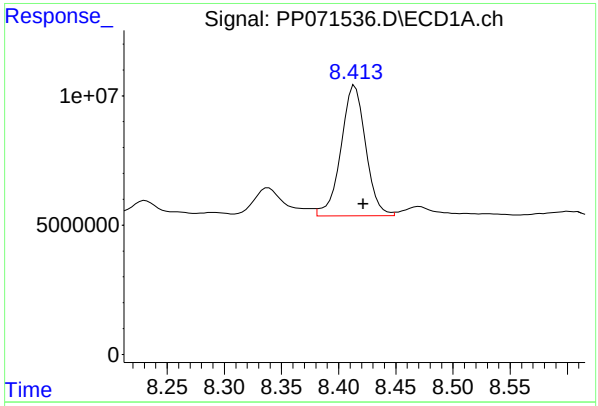
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.010 min
Response: 60825958
Conc: 538.93 ng/ml



#34 AR-1260-4

R.T.: 7.192 min
Delta R.T.: -0.006 min
Response: 20803905
Conc: 329.64 ng/ml



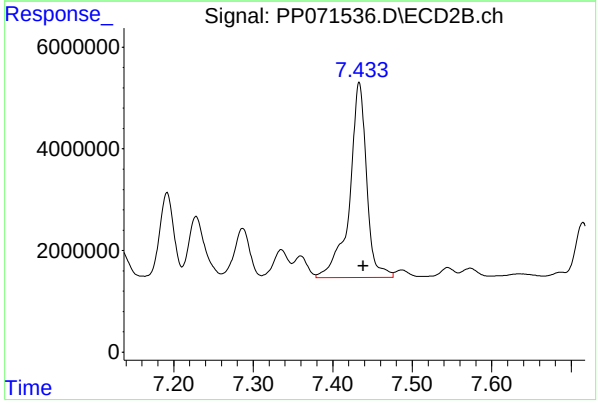
#35 AR-1260-5

R.T.: 8.414 min
Delta R.T.: -0.008 min
Response: 76155047
Conc: 336.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS027-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



#35 AR-1260-5

R.T.: 7.433 min
Delta R.T.: -0.005 min
Response: 57194550
Conc: 379.33 ng/ml

Raw Data: **PO110743.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS028-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-34	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	77.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110743.D	1	04/25/25 08:20	04/25/25 19:03	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.10	U	5.10	21.8	ug/kg
11104-28-2	Aroclor-1221	5.20	U	5.20	21.8	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	21.8	ug/kg
53469-21-9	Aroclor-1242	5.20	U	5.20	21.8	ug/kg
12672-29-6	Aroclor-1248	1800	E	7.60	21.8	ug/kg
11097-69-1	Aroclor-1254	3000	E	4.10	21.8	ug/kg
37324-23-5	Aroclor-1262	6.50	U	6.50	21.8	ug/kg
11100-14-4	Aroclor-1268	4.60	U	4.60	21.8	ug/kg
11096-82-5	Aroclor-1260	2100	E	4.20	21.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.6		32 - 144	133%	SPK: 20
2051-24-3	Decachlorobiphenyl	84.5	*	32 - 175	423%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110743.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 19:03
Operator : YP/AJ
Sample : Q1860-34
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:28:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.692	3.689	232.9E6	130.4E6	26.616	26.139
2)	SA Decachlor...	8.722	8.675	667.2E6	137.9E6	84.505	71.614
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.763	584.8E6	312.9E6	2747.855	2717.529
22)	L5 AR-1248-2	5.015	4.999	1353.6E6	738.3E6	4574.211	4532.565
23)	L5 AR-1248-3	5.229	5.040	1472.0E6	649.7E6	3978.843	3694.215
24)	L5 AR-1248-4	5.584	5.211	3005.8E6	775.0E6	5779.979	3805.084m#
25)	L5 AR-1248-5	5.625	5.604	1662.0E6	902.4E6	4498.883	4571.759
26)	L6 AR-1254-1	5.584	5.563	3005.8E6	1629.0E6	5386.784	5403.152
27)	L6 AR-1254-2	5.733	5.711	2077.9E6	1080.2E6	4278.133	4081.207
28)	L6 AR-1254-3	6.138	6.113	4480.3E6	2397.1E6	5720.290	5941.938
29)	L6 AR-1254-4	6.368	6.340	1566.4E6	787.6E6	3212.404	3428.528
30)	L6 AR-1254-5	6.786	6.757	11123.9E6	5337.8E6	15870.825	16063.646
31)	L7 AR-1260-1	6.270	6.243	2864.9E6	1460.5E6	6064.042	5937.892
32)	L7 AR-1260-2	6.459	6.431	3172.3E6	1454.0E6	5409.537	4983.827
33)	L7 AR-1260-3	6.826	6.583	1838.0E6	1306.6E6	3729.202	4823.384 #
34)	L7 AR-1260-4	7.085	7.055	1571.9E6	687.8E6	3703.640	3427.902
35)	L7 AR-1260-5	7.328	7.296	4446.1E6	2376.1E6	4260.913	5178.282

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 19:03
Operator : YP/AJ
Sample : Q1860-34
Misc :
ALS Vial : 20 Sample Multiplier: 1

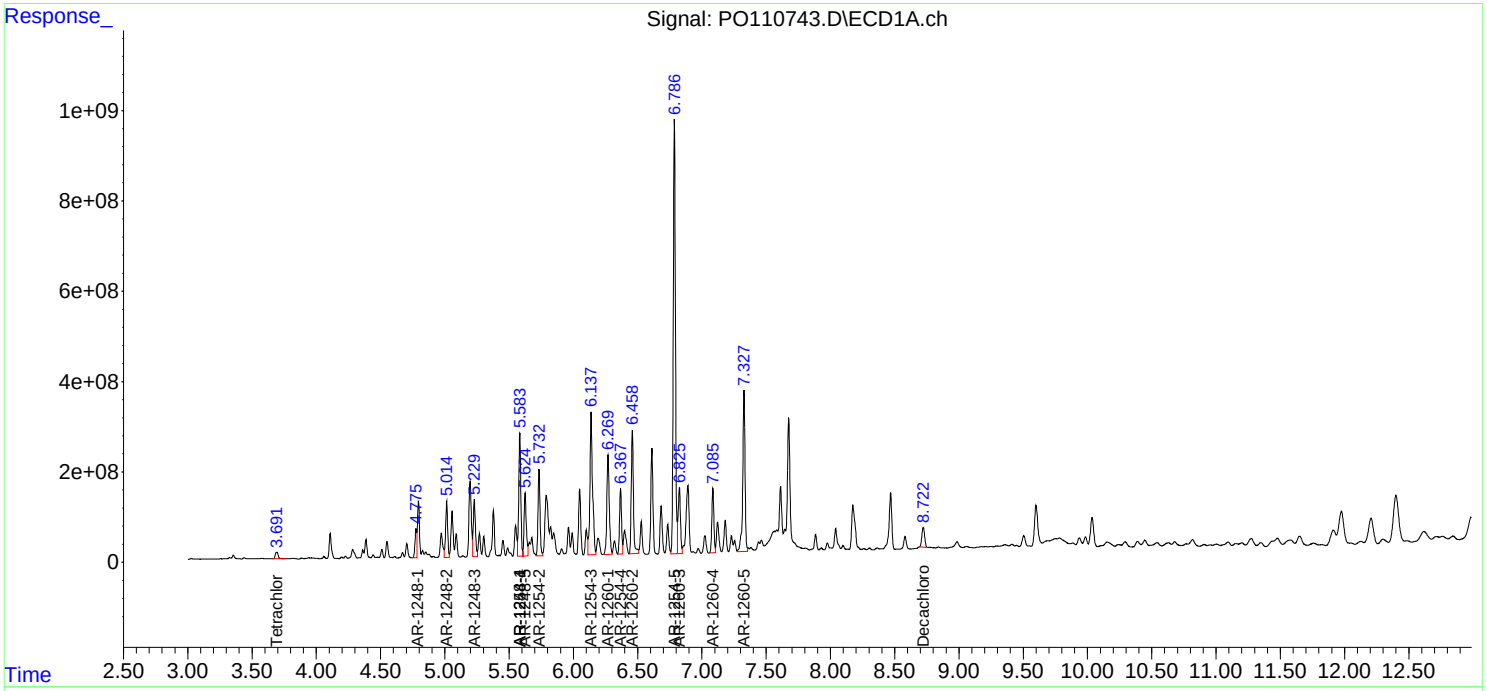
Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

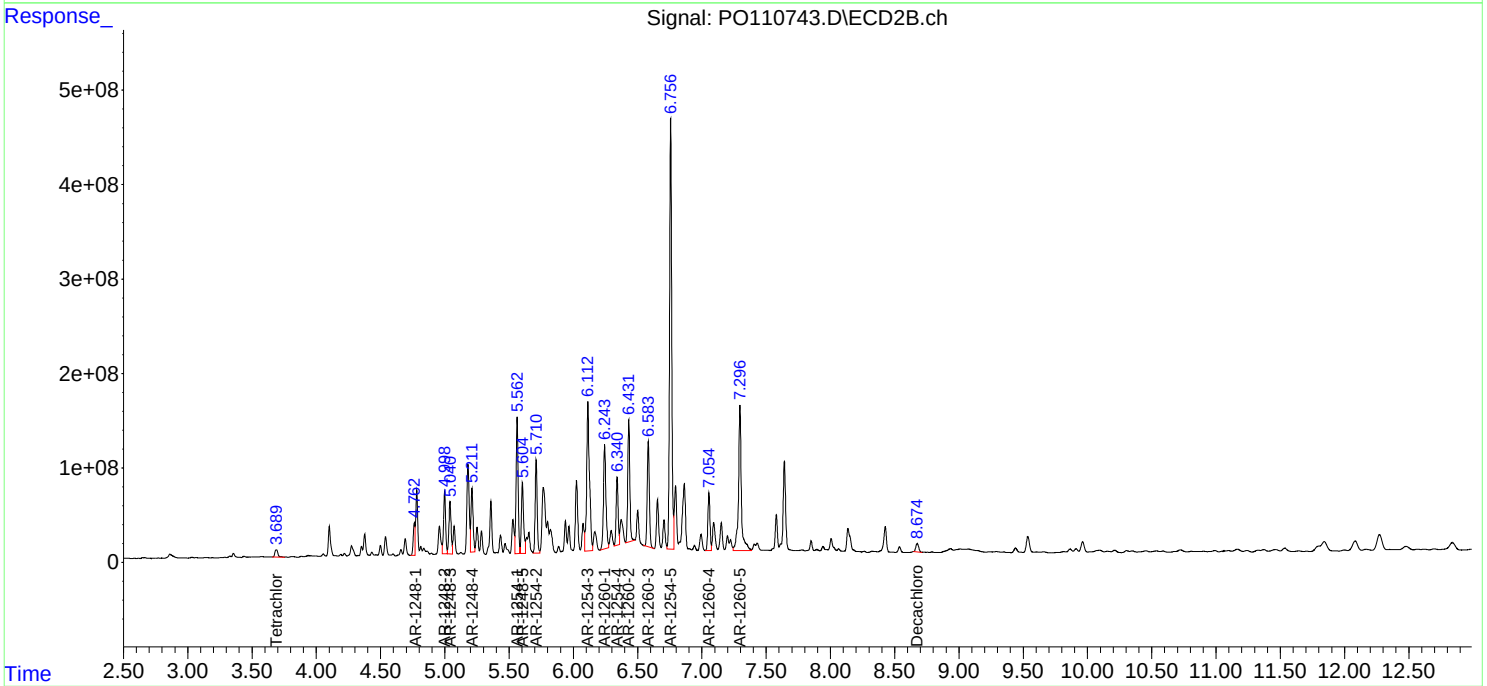
Manual Integrations APPROVED

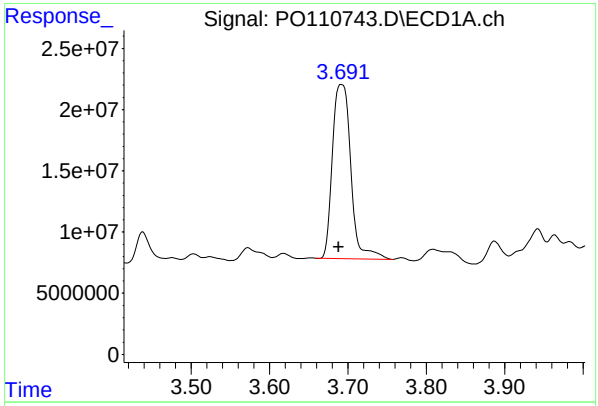
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:28:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







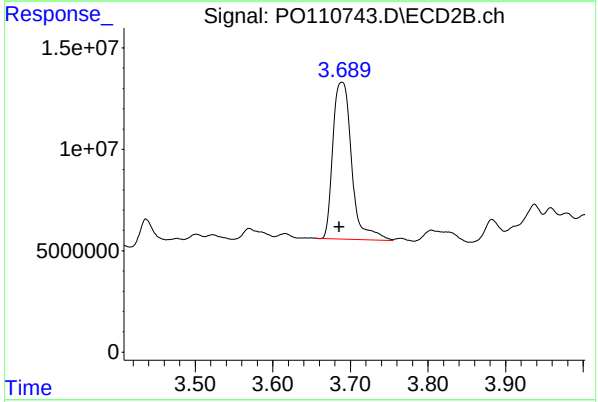
#1 Tetrachloro-m-xylene

R.T.: 3.692 min
Delta R.T.: 0.004 min
Response: 232860686
Conc: 26.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

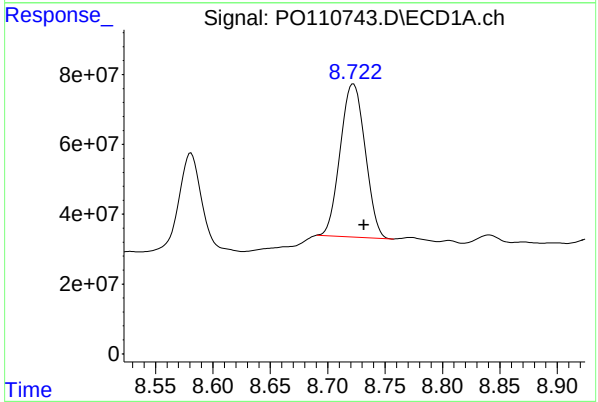
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



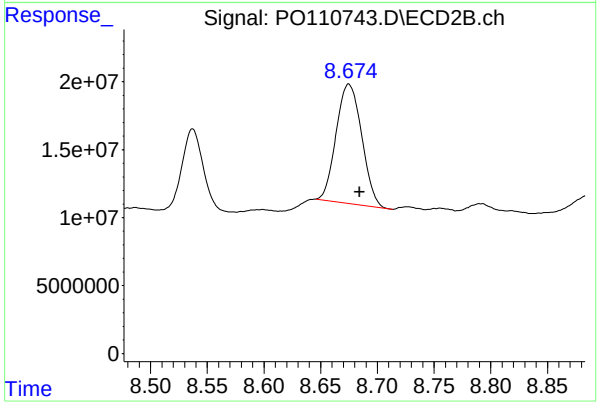
#1 Tetrachloro-m-xylene

R.T.: 3.689 min
Delta R.T.: 0.003 min
Response: 130426433
Conc: 26.14 ng/ml



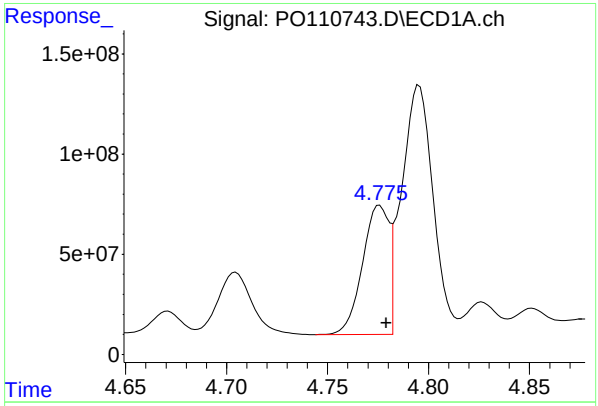
#2 Decachlorobiphenyl

R.T.: 8.722 min
Delta R.T.: -0.009 min
Response: 667161685
Conc: 84.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.009 min
Response: 137856041
Conc: 71.61 ng/ml



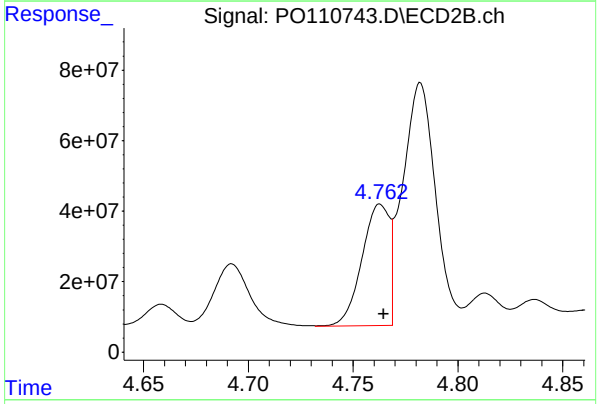
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 584843282
Conc: 2747.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

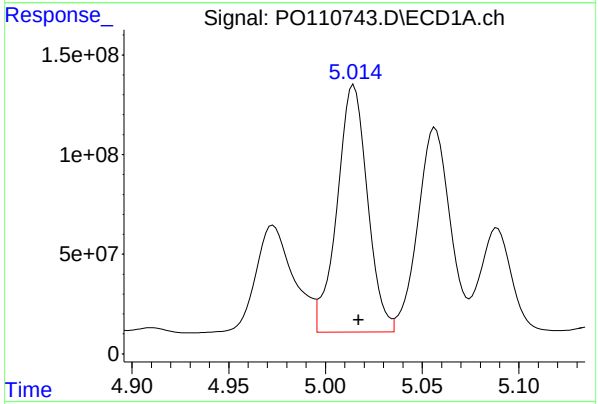
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



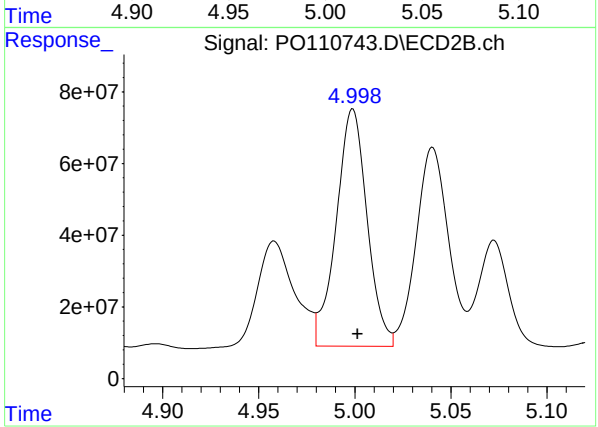
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 312874419
Conc: 2717.53 ng/ml



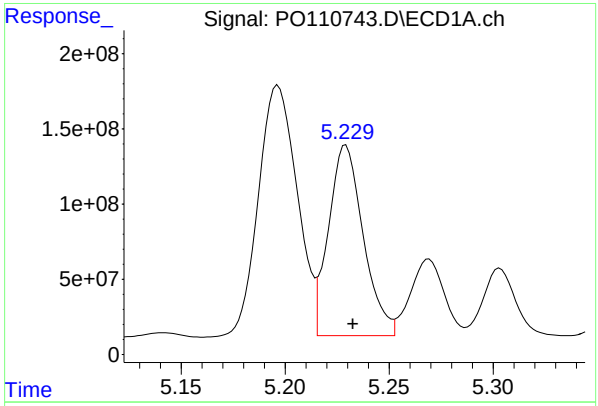
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.003 min
Response: 1353623645
Conc: 4574.21 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 738275907
Conc: 4532.56 ng/ml



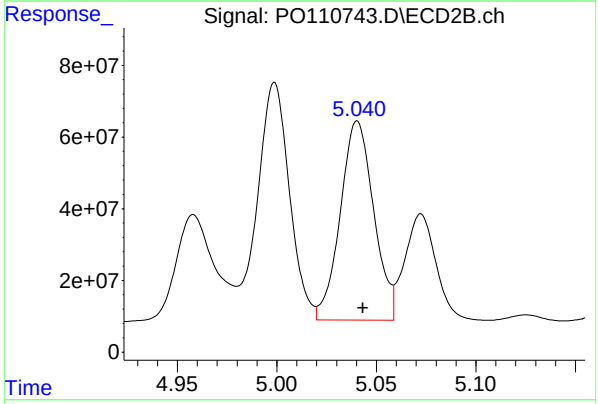
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 1472018310
Conc: 3978.84 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

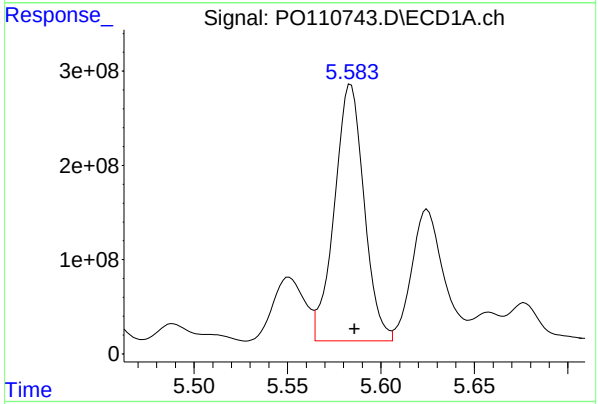
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



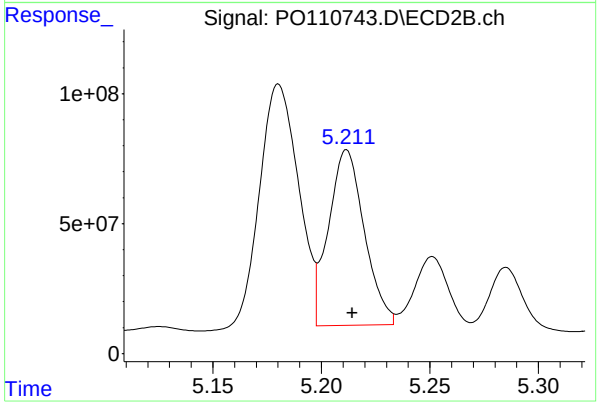
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 649650193
Conc: 3694.21 ng/ml



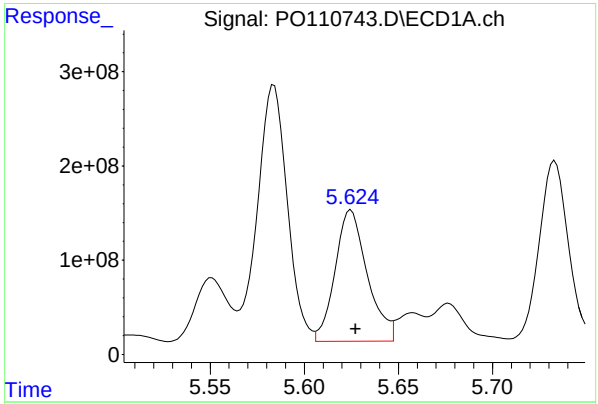
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 3005766944
Conc: 5779.98 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 775014638
Conc: 3805.08 ng/ml m



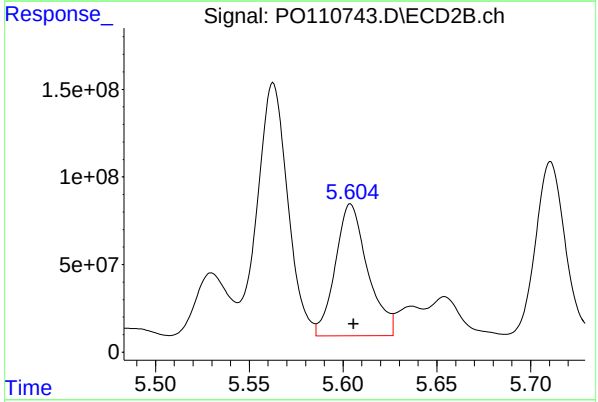
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 1662003518
Conc: 4498.88 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

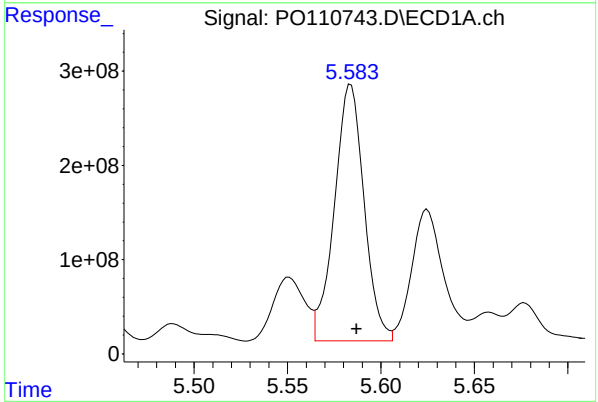
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



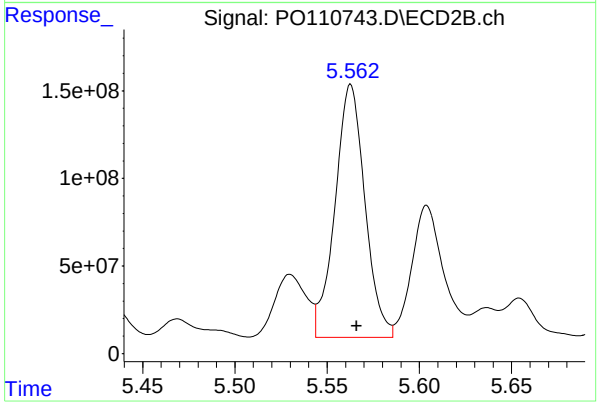
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 902446146
Conc: 4571.76 ng/ml



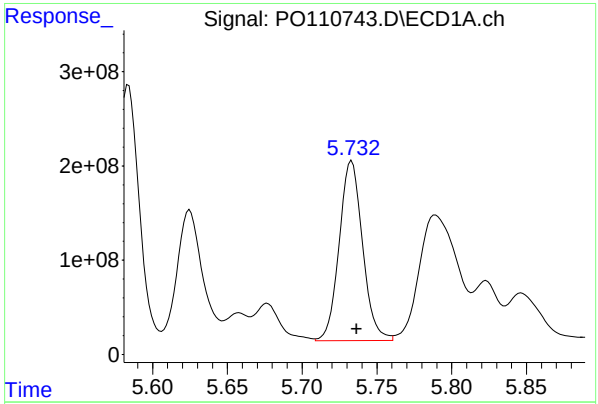
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 3005766944
Conc: 5386.78 ng/ml



#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 1629045428
Conc: 5403.15 ng/ml



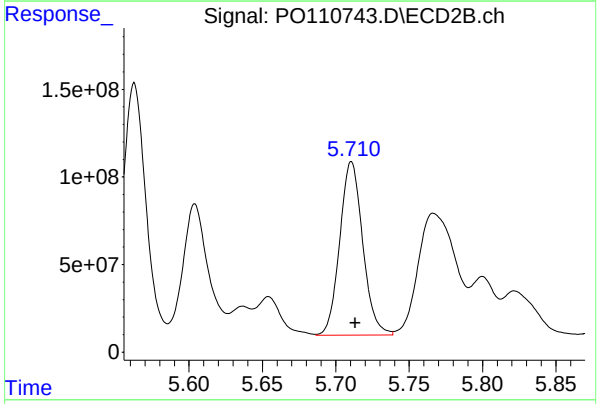
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.003 mi
Response: 2077900091
Conc: 4278.13 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

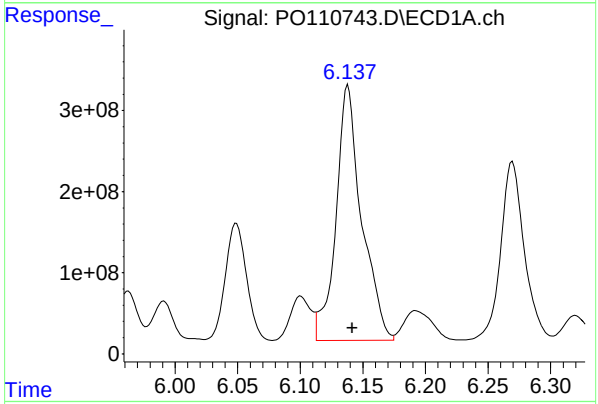
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



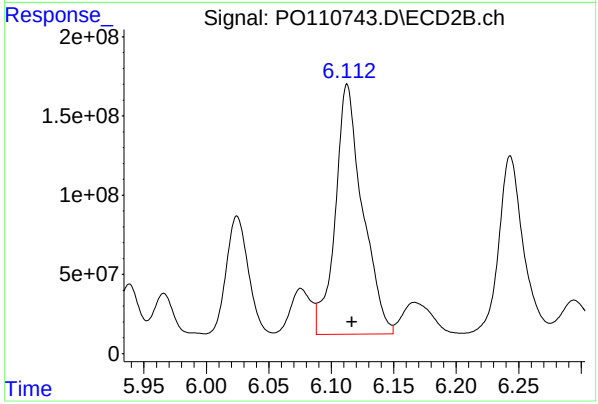
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 1080235675
Conc: 4081.21 ng/ml



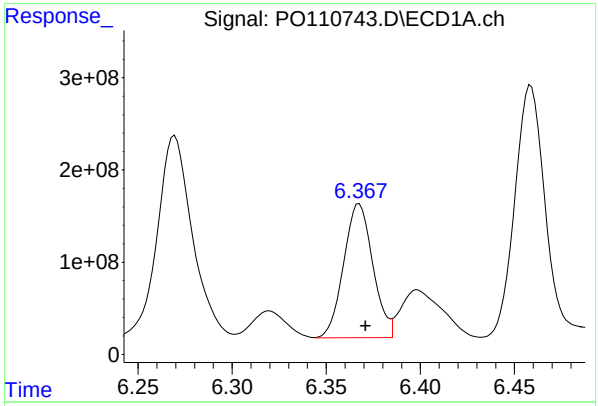
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 4480255100
Conc: 5720.29 ng/ml



#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 2397073490
Conc: 5941.94 ng/ml



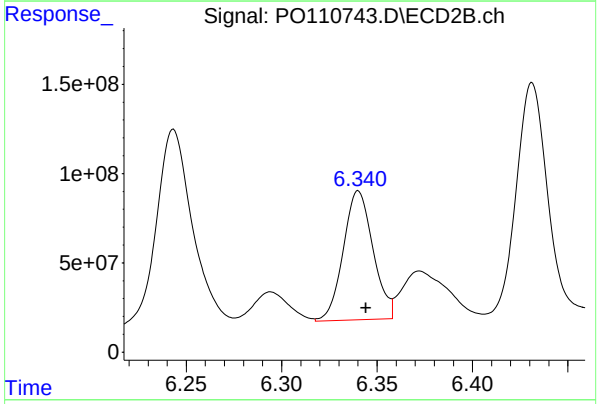
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 1566384998
Conc: 3212.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

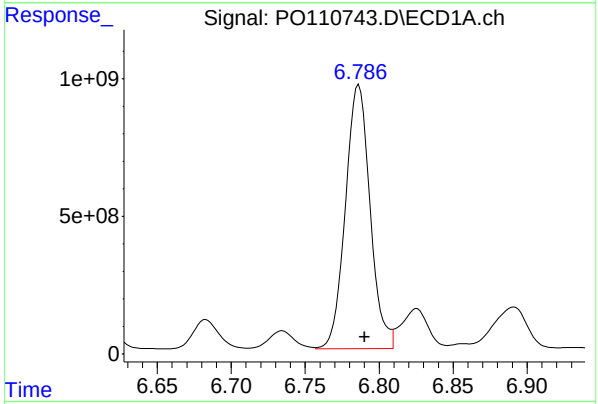
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



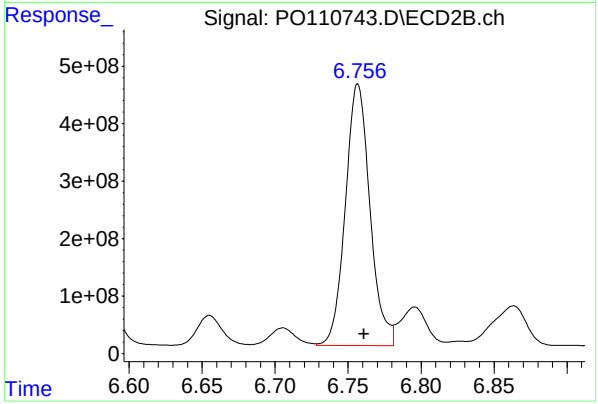
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 787577024
Conc: 3428.53 ng/ml



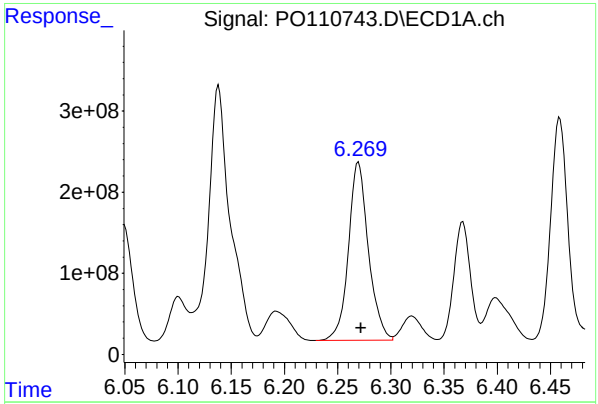
#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 11123859075
Conc: 15870.82 ng/ml



#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 5337816836
Conc: 16063.65 ng/ml



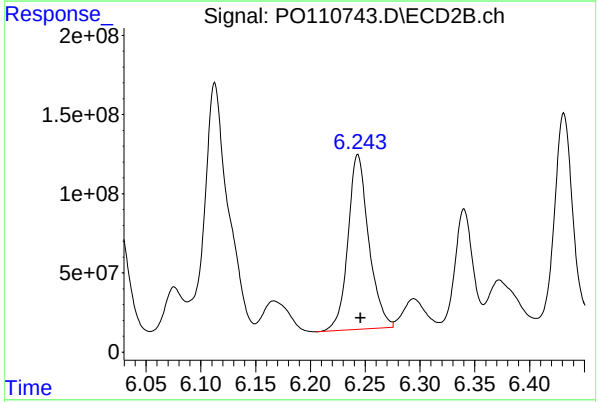
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 2864928360
Conc: 6064.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

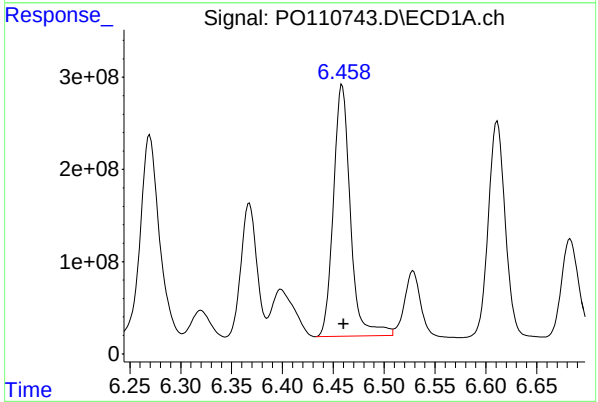
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



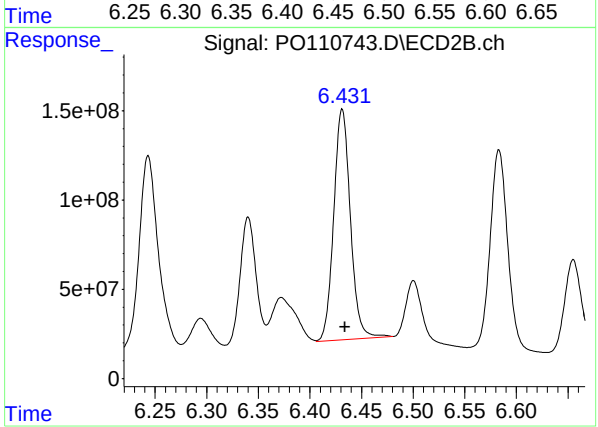
#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 1460505167
Conc: 5937.89 ng/ml



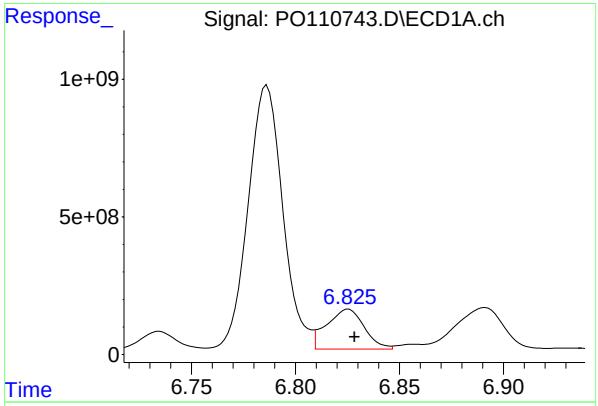
#32 AR-1260-2

R.T.: 6.459 min
Delta R.T.: -0.001 min
Response: 3172284474
Conc: 5409.54 ng/ml



#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 1454035418
Conc: 4983.83 ng/ml



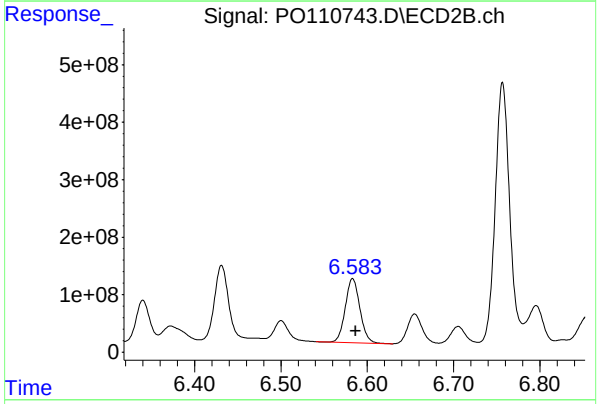
#33 AR-1260-3

R.T.: 6.826 min
Delta R.T.: -0.003 min
Response: 1838021025
Conc: 3729.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

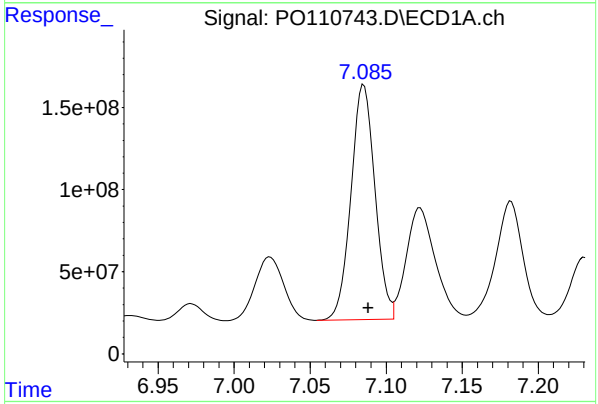
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



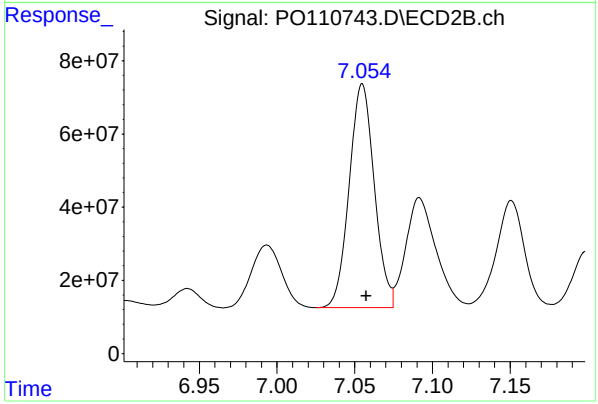
#33 AR-1260-3

R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 1306578104
Conc: 4823.38 ng/ml



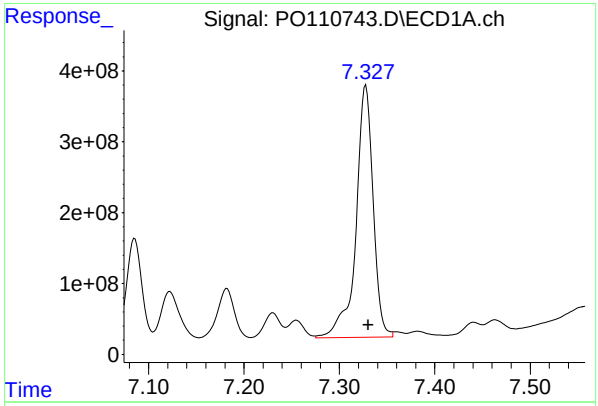
#34 AR-1260-4

R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 1571910026
Conc: 3703.64 ng/ml



#34 AR-1260-4

R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 687774343
Conc: 3427.90 ng/ml



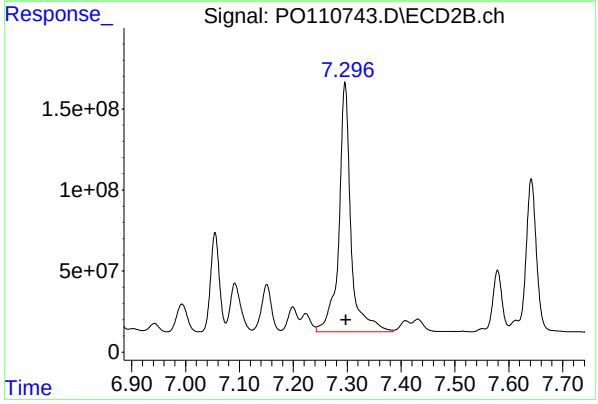
#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: -0.003 mi
Response: 4446141866
Conc: 4260.91 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 2376094591
Conc: 5178.28 ng/ml

Raw Data: **PO110855.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS028-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-34DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	77.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110855.D	20	04/25/25 08:20	04/29/25 12:11	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	102	UD	102	437	ug/kg
11104-28-2	Aroclor-1221	104	UD	104	437	ug/kg
11141-16-5	Aroclor-1232	95.6	UD	95.6	437	ug/kg
53469-21-9	Aroclor-1242	103	UD	103	437	ug/kg
12672-29-6	Aroclor-1248	2100	D	152	437	ug/kg
11097-69-1	Aroclor-1254	2900	D	82.5	437	ug/kg
37324-23-5	Aroclor-1262	129	UD	129	437	ug/kg
11100-14-4	Aroclor-1268	92.5	UD	92.5	437	ug/kg
11096-82-5	Aroclor-1260	2300	D	83.0	437	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.8		32 - 144	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	86.8	*	32 - 175	434%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110855.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 12:11
Operator : YP/AJ
Sample : Q1860-34DL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.683	10401350	5144963	1.189m	1.031m
2)	SA Decachlor...	8.721	8.672	32800140	8349044	4.155	4.337
	Target Compounds						
21)	L5 AR-1248-1	4.775	4.761	36762052	18989135	172.725	164.934
22)	L5 AR-1248-2	5.013	4.998	73496611	39511549	248.362	242.577
23)	L5 AR-1248-3	5.228	5.039	88243196	38395625	238.520	218.335
24)	L5 AR-1248-4	5.582	5.210	170.9E6	46788836	328.722	229.719m#
25)	L5 AR-1248-5	5.624	5.602	95369442	48956145	258.156	248.010
26)	L6 AR-1254-1	5.582	5.561	170.9E6	87693141	306.360	290.857
27)	L6 AR-1254-2	5.731	5.709	120.8E6	62182379	248.801	234.929
28)	L6 AR-1254-3	6.136	6.110	250.6E6	124.0E6	319.977	307.265
29)	L6 AR-1254-4	6.366	6.338	90266040	41388254	185.121	180.174
30)	L6 AR-1254-5	6.784	6.754	437.3E6	197.2E6	623.899	593.361
31)	L7 AR-1260-1	6.267	6.241	170.1E6	81455336	359.999	331.168
32)	L7 AR-1260-2	6.457	6.428	185.9E6	79292909	316.996	271.783
33)	L7 AR-1260-3	6.823	6.580	108.4E6	71744767	219.979	264.854
34)	L7 AR-1260-4	7.084	7.051	89357978	39490831	210.540	196.824
35)	L7 AR-1260-5	7.326	7.293	229.0E6	95491322	219.450	208.107

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 12:11
Operator : YP/AJ
Sample : Q1860-34DL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

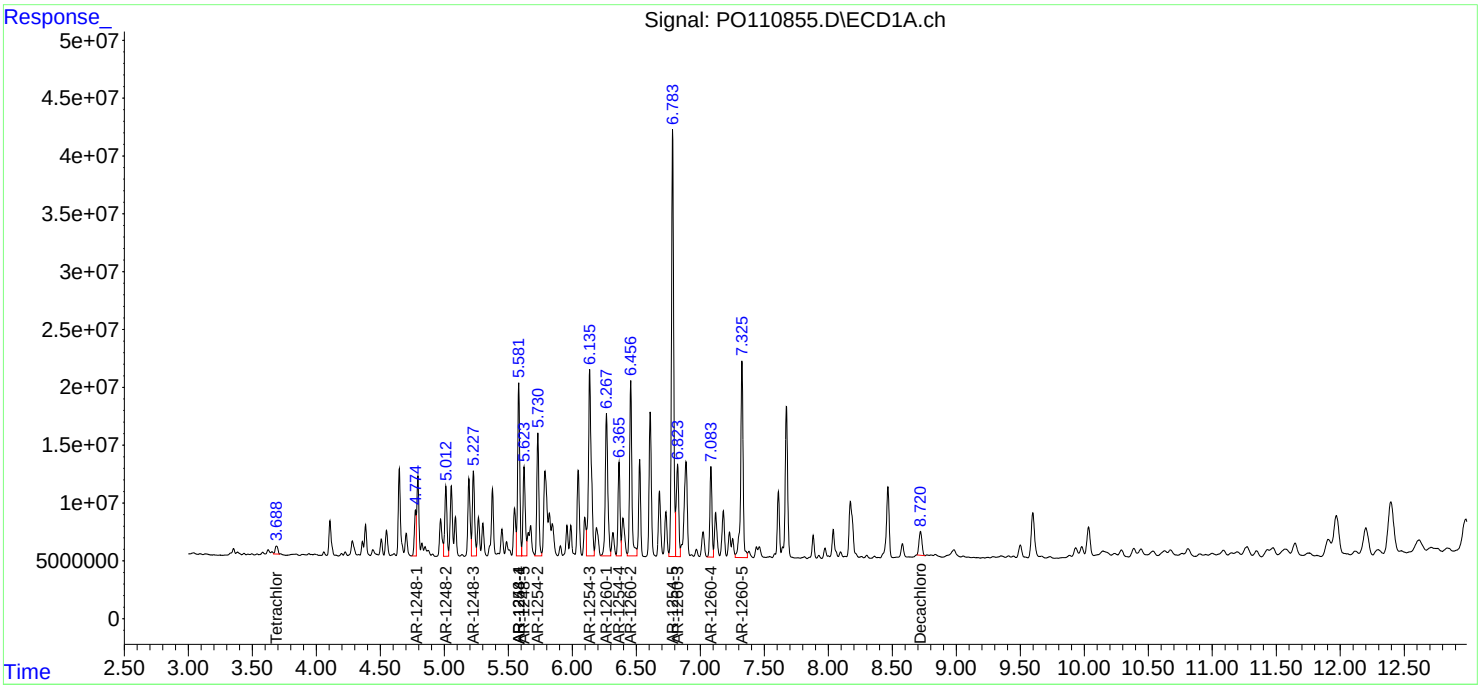
Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

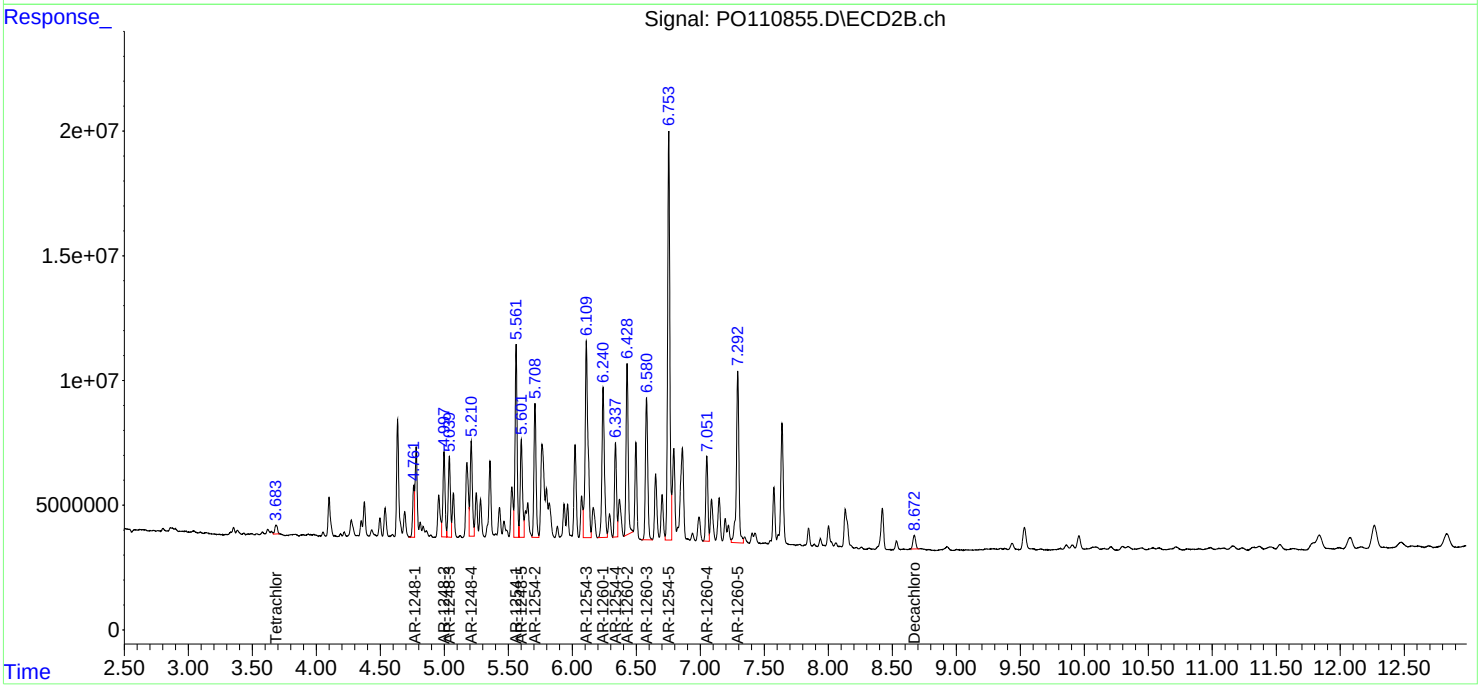
Manual Integrations APPROVED

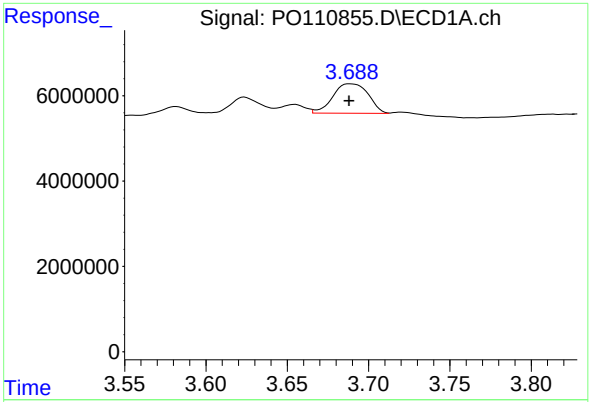
Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:24:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







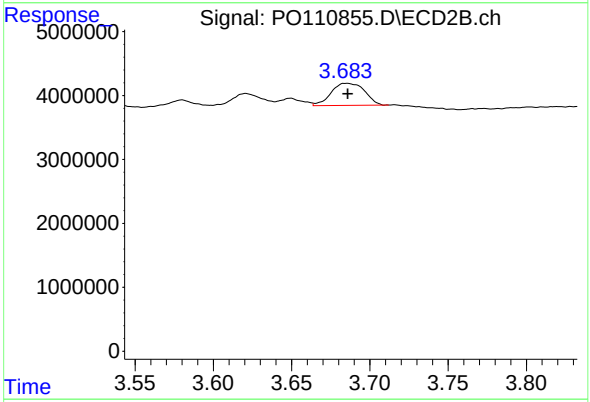
#1 Tetrachloro-m-xylene

R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 10401350
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

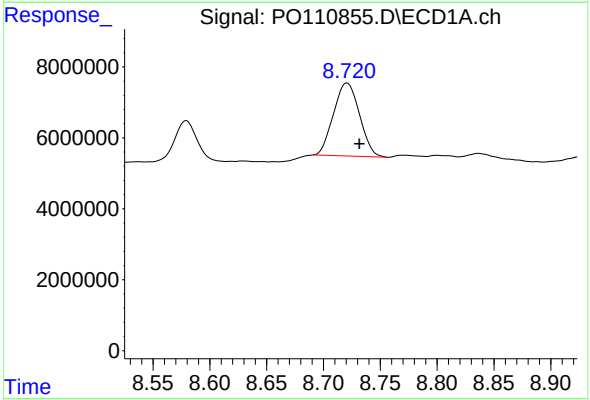
Manual Integrations
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Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



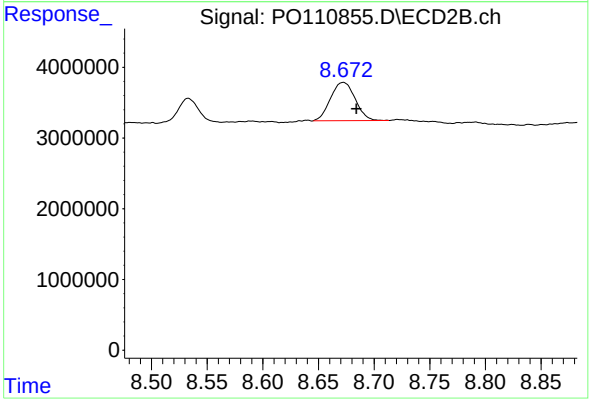
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 5144963
Conc: 1.03 ng/ml m



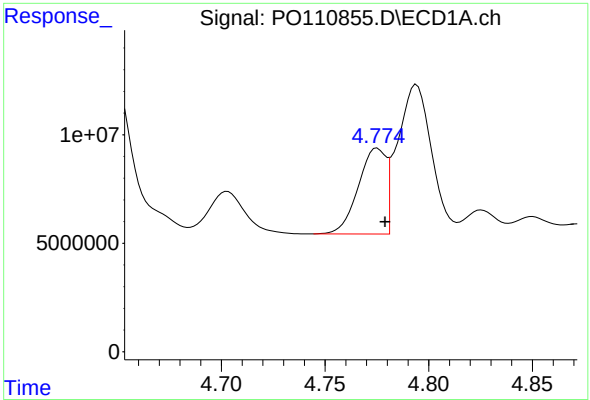
#2 Decachlorobiphenyl

R.T.: 8.721 min
Delta R.T.: -0.011 min
Response: 32800140
Conc: 4.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.672 min
Delta R.T.: -0.012 min
Response: 8349044
Conc: 4.34 ng/ml



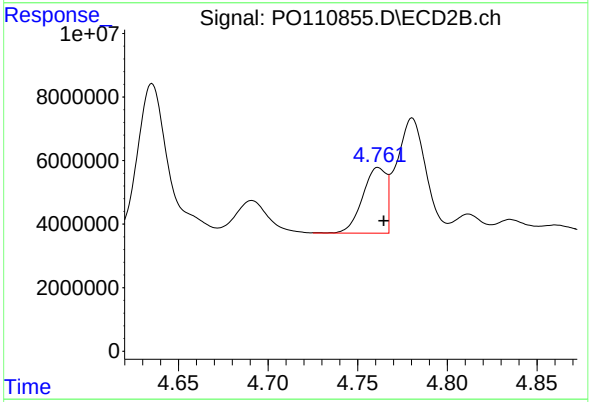
#21 AR-1248-1

R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 36762052
Conc: 172.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

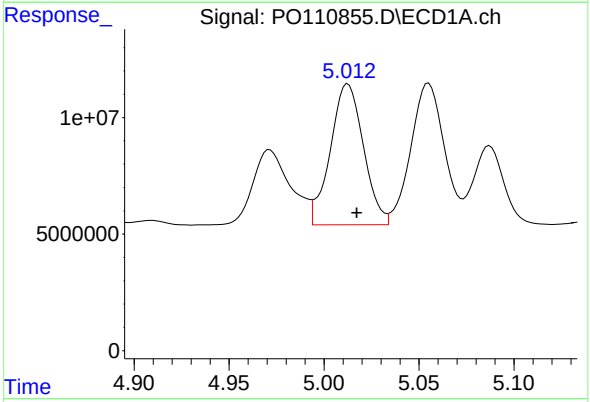
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



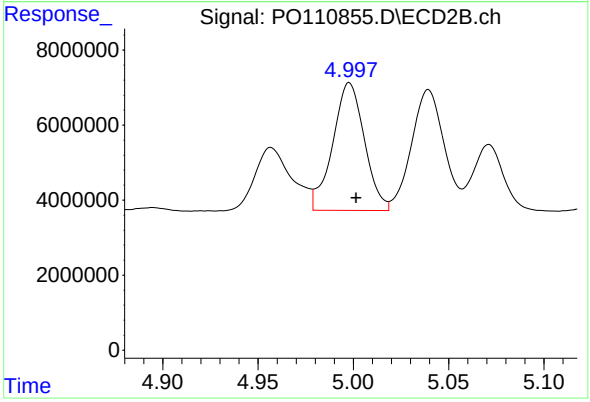
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.003 min
Response: 18989135
Conc: 164.93 ng/ml



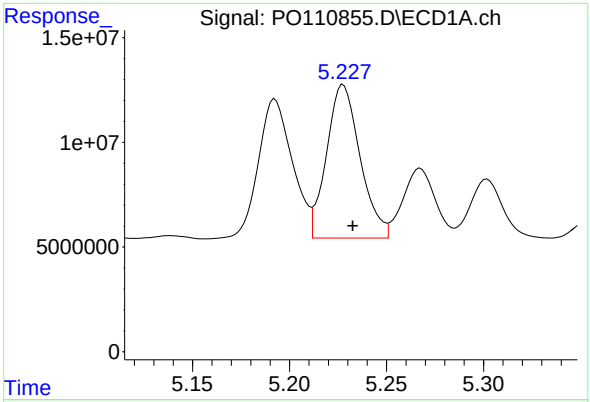
#22 AR-1248-2

R.T.: 5.013 min
Delta R.T.: -0.005 min
Response: 73496611
Conc: 248.36 ng/ml



#22 AR-1248-2

R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 39511549
Conc: 242.58 ng/ml



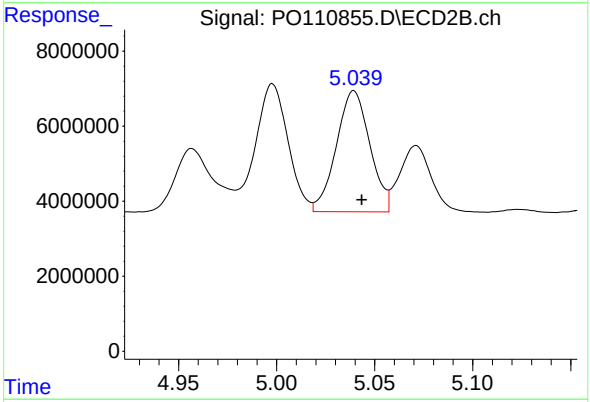
#23 AR-1248-3

R.T.: 5.228 min
Delta R.T.: -0.005 min
Response: 88243196
Conc: 238.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

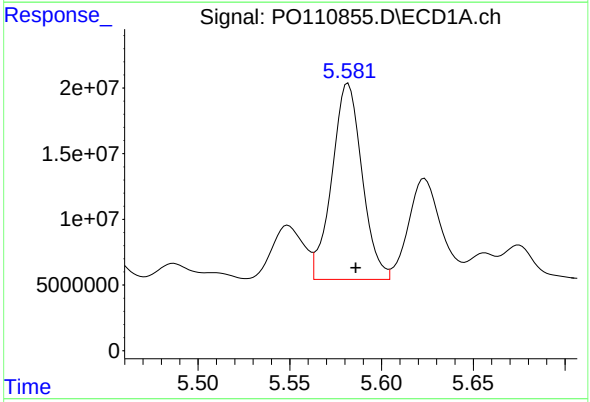
Manual Integrations
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Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



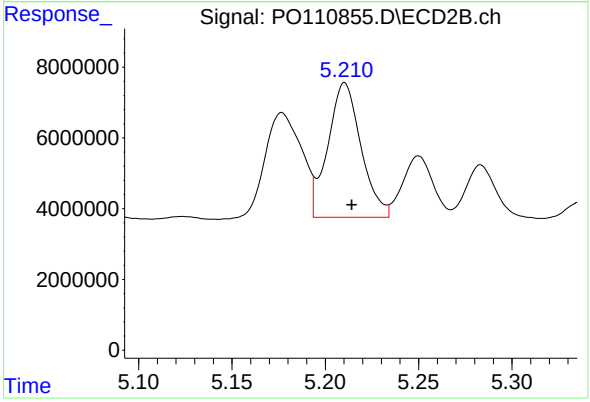
#23 AR-1248-3

R.T.: 5.039 min
Delta R.T.: -0.004 min
Response: 38395625
Conc: 218.34 ng/ml



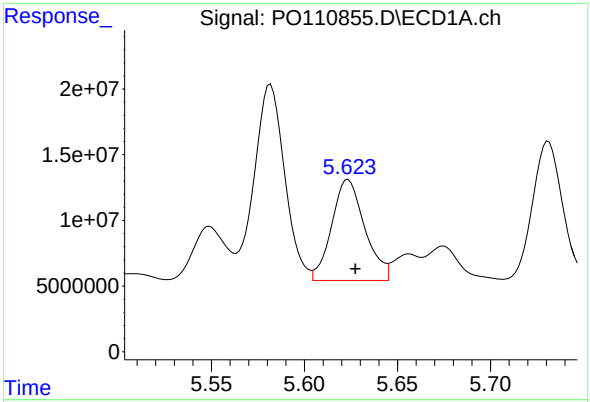
#24 AR-1248-4

R.T.: 5.582 min
Delta R.T.: -0.004 min
Response: 170945355
Conc: 328.72 ng/ml



#24 AR-1248-4

R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 46788836
Conc: 229.72 ng/ml m



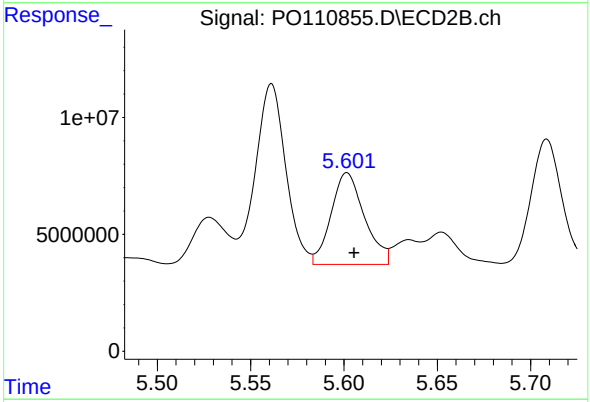
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 95369442
Conc: 258.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

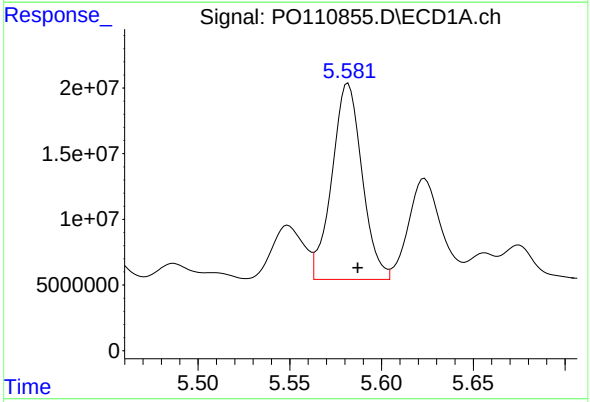
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



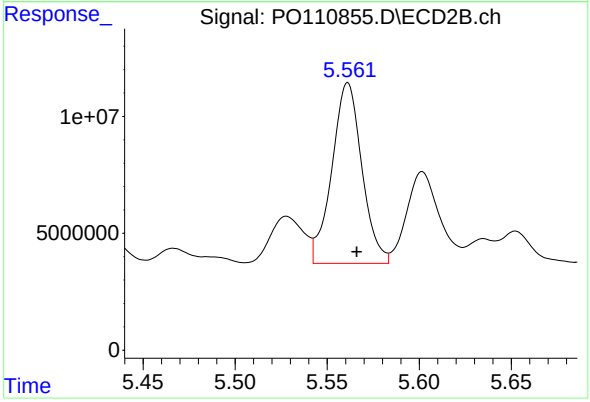
#25 AR-1248-5

R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 48956145
Conc: 248.01 ng/ml



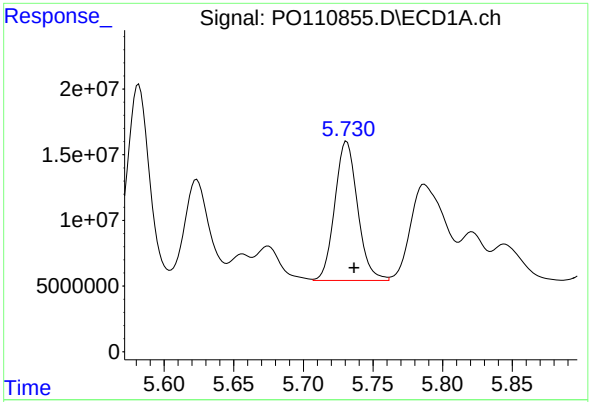
#26 AR-1254-1

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 170945355
Conc: 306.36 ng/ml



#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 87693141
Conc: 290.86 ng/ml



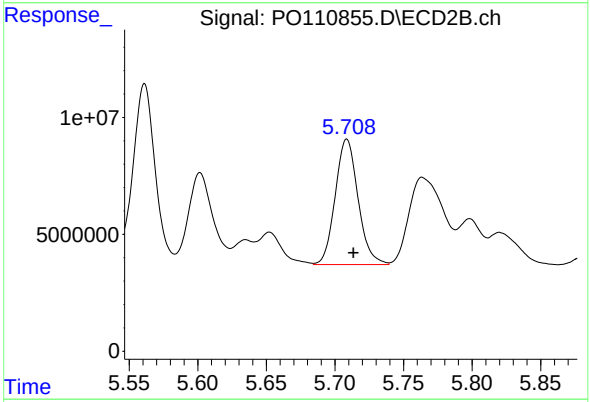
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.005 min
Response: 120843234
Conc: 248.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

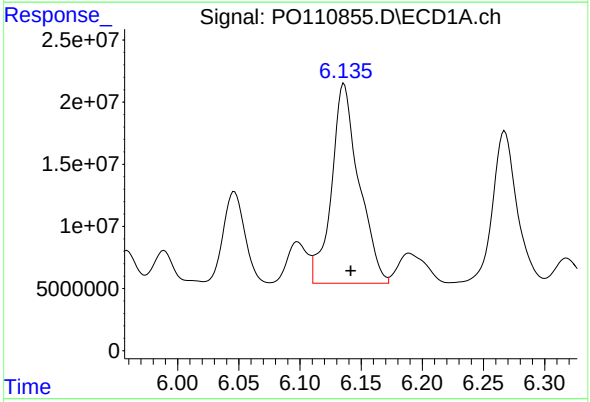
Manual Integrations
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Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



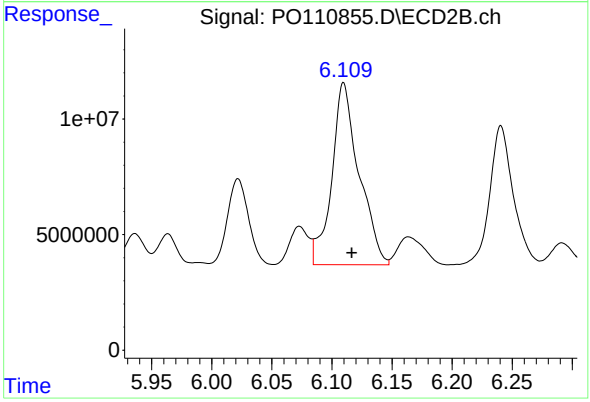
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 62182379
Conc: 234.93 ng/ml



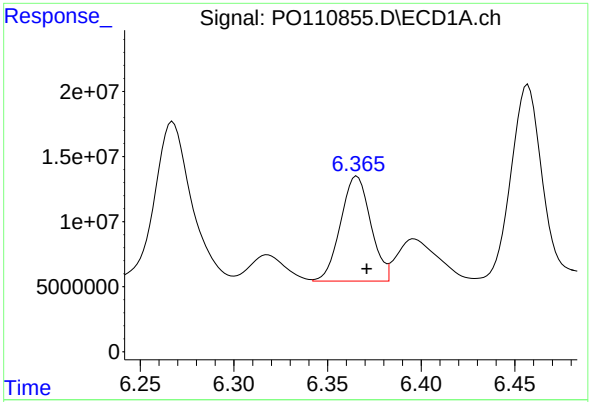
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 250612939
Conc: 319.98 ng/ml



#28 AR-1254-3

R.T.: 6.110 min
Delta R.T.: -0.007 min
Response: 123955498
Conc: 307.26 ng/ml



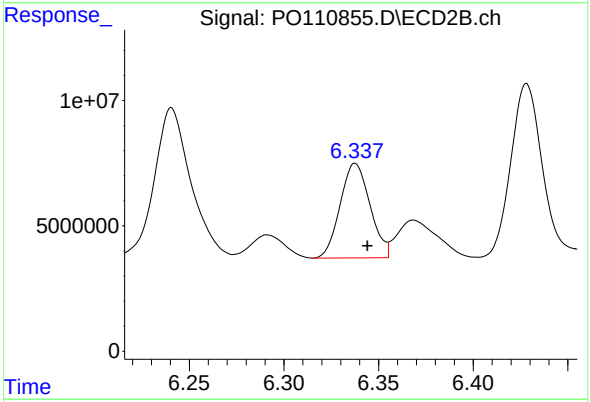
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 90266040
Conc: 185.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

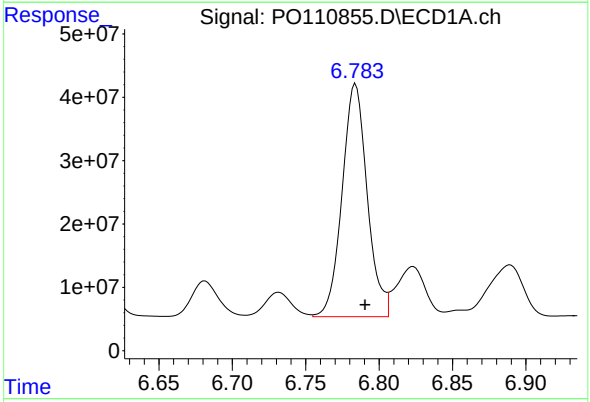
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Supervised By :mohammad ahmed 05/06/2025



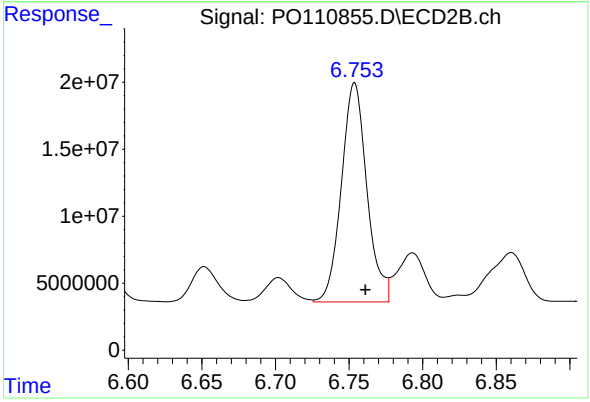
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.007 min
Response: 41388254
Conc: 180.17 ng/ml



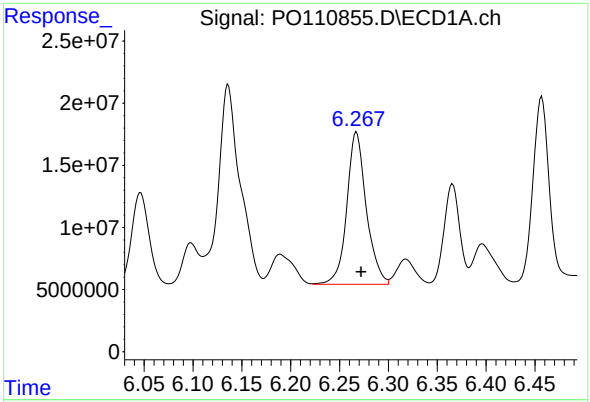
#30 AR-1254-5

R.T.: 6.784 min
Delta R.T.: -0.006 min
Response: 437290765
Conc: 623.90 ng/ml



#30 AR-1254-5

R.T.: 6.754 min
Delta R.T.: -0.007 min
Response: 197168969
Conc: 593.36 ng/ml



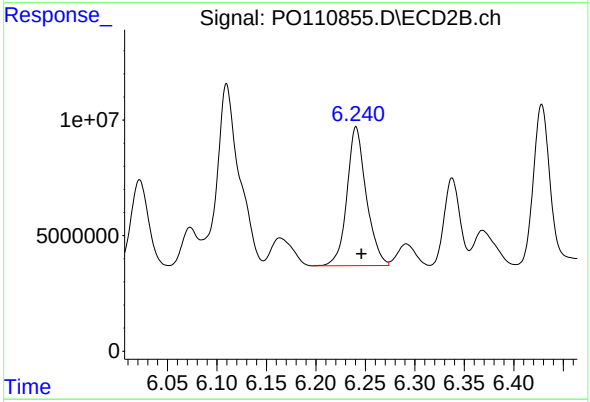
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: -0.005 min
Response: 170079820
Conc: 360.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

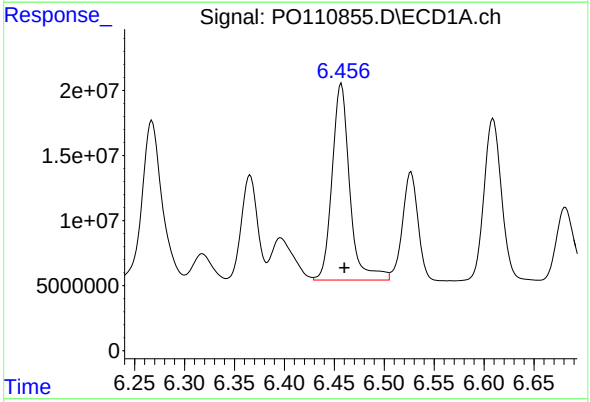
Manual Integrations
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Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



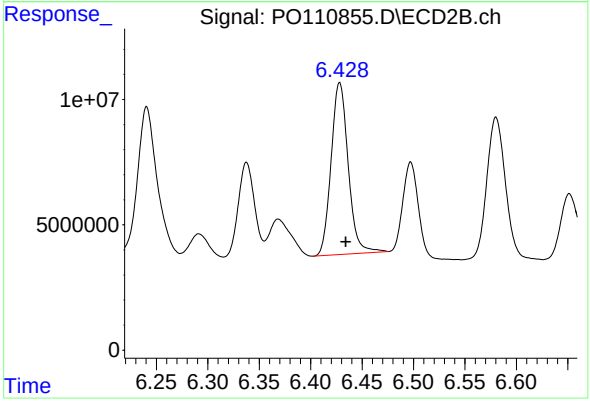
#31 AR-1260-1

R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 81455336
Conc: 331.17 ng/ml



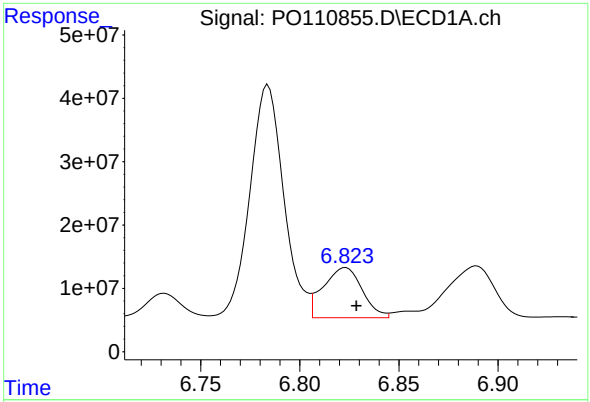
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 185894025
Conc: 317.00 ng/ml



#32 AR-1260-2

R.T.: 6.428 min
Delta R.T.: -0.006 min
Response: 79292909
Conc: 271.78 ng/ml



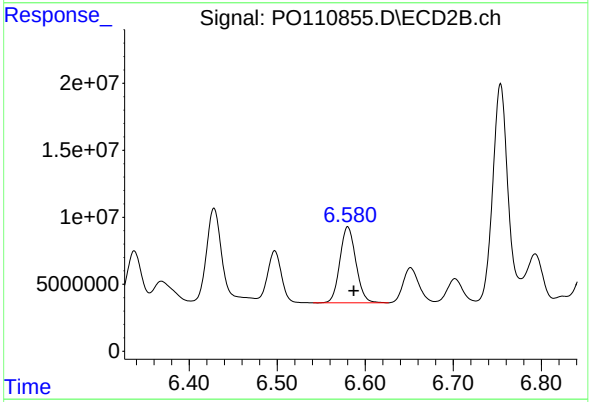
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: -0.005 min
Response: 108421731
Conc: 219.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

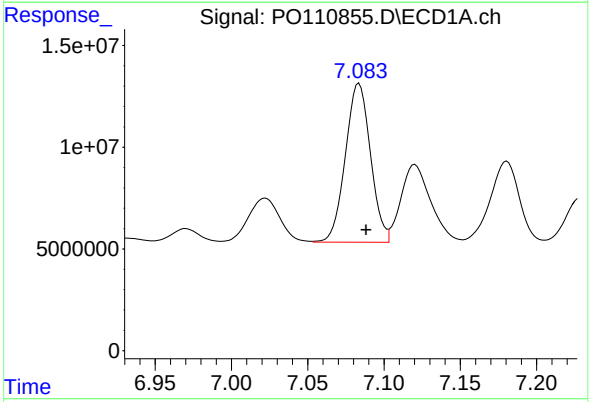
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



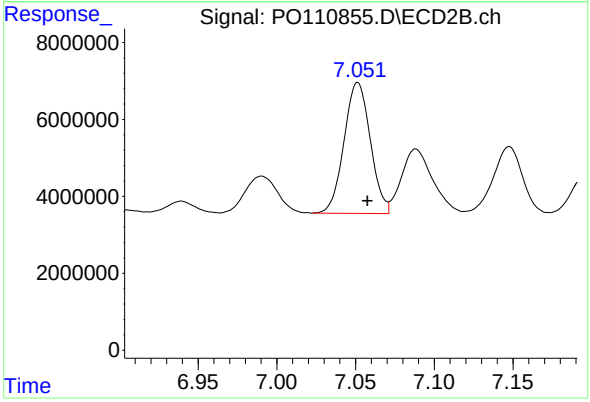
#33 AR-1260-3

R.T.: 6.580 min
Delta R.T.: -0.007 min
Response: 71744767
Conc: 264.85 ng/ml



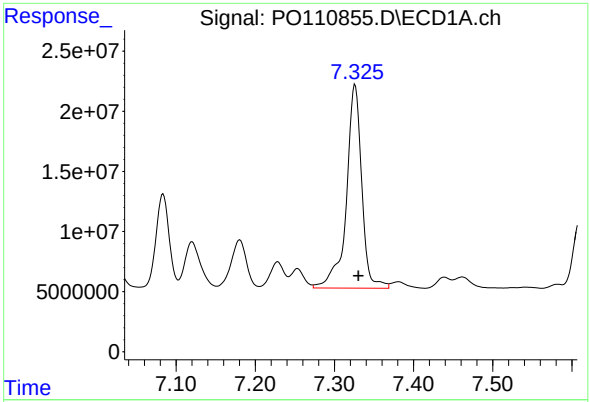
#34 AR-1260-4

R.T.: 7.084 min
Delta R.T.: -0.005 min
Response: 89357978
Conc: 210.54 ng/ml



#34 AR-1260-4

R.T.: 7.051 min
Delta R.T.: -0.006 min
Response: 39490831
Conc: 196.82 ng/ml



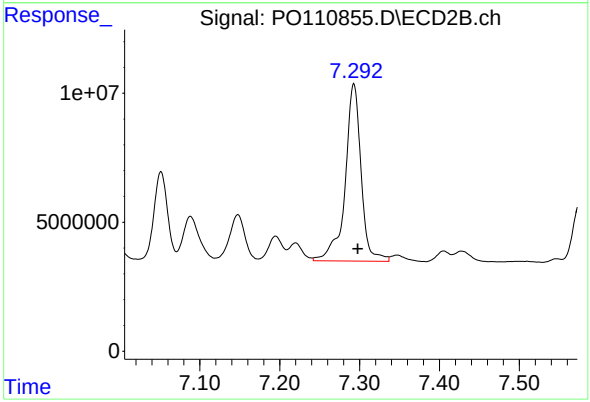
#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 228989730
Conc: 219.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS028-01DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: -0.005 min
Response: 95491322
Conc: 208.11 ng/ml

Raw Data: **PP071537.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS029-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-35	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	80.6 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071537.D	1	04/25/25 08:20	04/28/25 10:59	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.1	ug/kg
11104-28-2	Aroclor-1221	5.00	U	5.00	21.1	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	21.1	ug/kg
53469-21-9	Aroclor-1242	5.00	U	5.00	21.1	ug/kg
12672-29-6	Aroclor-1248	317		7.30	21.1	ug/kg
11097-69-1	Aroclor-1254	781	E	4.00	21.1	ug/kg
37324-23-5	Aroclor-1262	6.20	U	6.20	21.1	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	21.1	ug/kg
11096-82-5	Aroclor-1260	532	E	4.00	21.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	30.2	*	32 - 144	151%	SPK: 20
2051-24-3	Decachlorobiphenyl	32.8		32 - 175	164%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:59
Operator : YP\AJ
Sample : Q1860-35
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:10:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.512	3.809	58933766	42520411	29.725	30.185	
2)	SA Decachlor...	10.227	8.841	41802774	28775340	28.869	32.809	
	Target Compounds							
21)	L5 AR-1248-1	5.665	4.894	15867240	13787399	369.531m	381.853	
22)	L5 AR-1248-2	5.936	5.130	51158725	46367504	846.543	947.002	
23)	L5 AR-1248-3	6.137	5.172	53118402	28166881	795.371m	551.367	#
24)	L5 AR-1248-4	6.536	5.344	69381683	37715350	820.009	621.778m	
25)	L5 AR-1248-5	6.578	5.739	80083765	44839116	1007.998	769.230	
26)	L6 AR-1254-1	6.513	5.697	119.8E6	113.1E6	1461.994	1237.792	
27)	L6 AR-1254-2	6.730	5.845	191.6E6	92235696	1507.622	1171.810	
28)	L6 AR-1254-3	7.093	6.249	211.7E6	217.4E6	1656.611	1834.510	
29)	L6 AR-1254-4	7.375	6.477	176.3E6	104.6E6	1500.336	1355.595	
30)	L6 AR-1254-5	7.793	6.895	358.4E6	217.4E6	3327.017	2142.949	#
31)	L7 AR-1260-1	7.257	6.380	137.0E6	129.4E6	1426.309	1789.535	#
32)	L7 AR-1260-2	7.510	6.568	254.8E6	122.6E6	1781.118	1401.772	
33)	L7 AR-1260-3	7.869	6.720	97256188	102.5E6	867.553	1307.021	#
34)	L7 AR-1260-4	8.089	7.192	164.7E6	51592643	1459.549	817.496	#
35)	L7 AR-1260-5	8.414	7.433	203.1E6	167.0E6	896.223	1107.326	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:59
Operator : YP\AJ
Sample : Q1860-35
Misc :
ALS Vial : 11 Sample Multiplier: 1

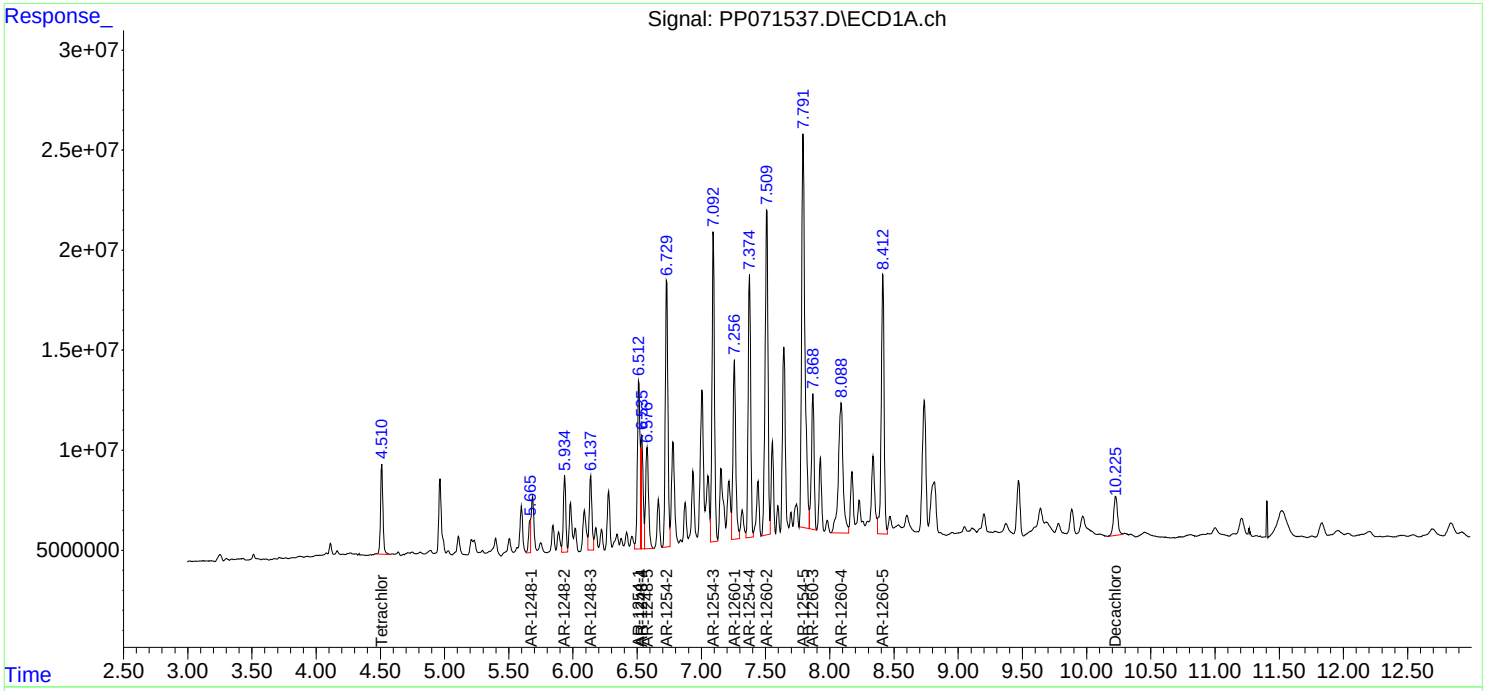
Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

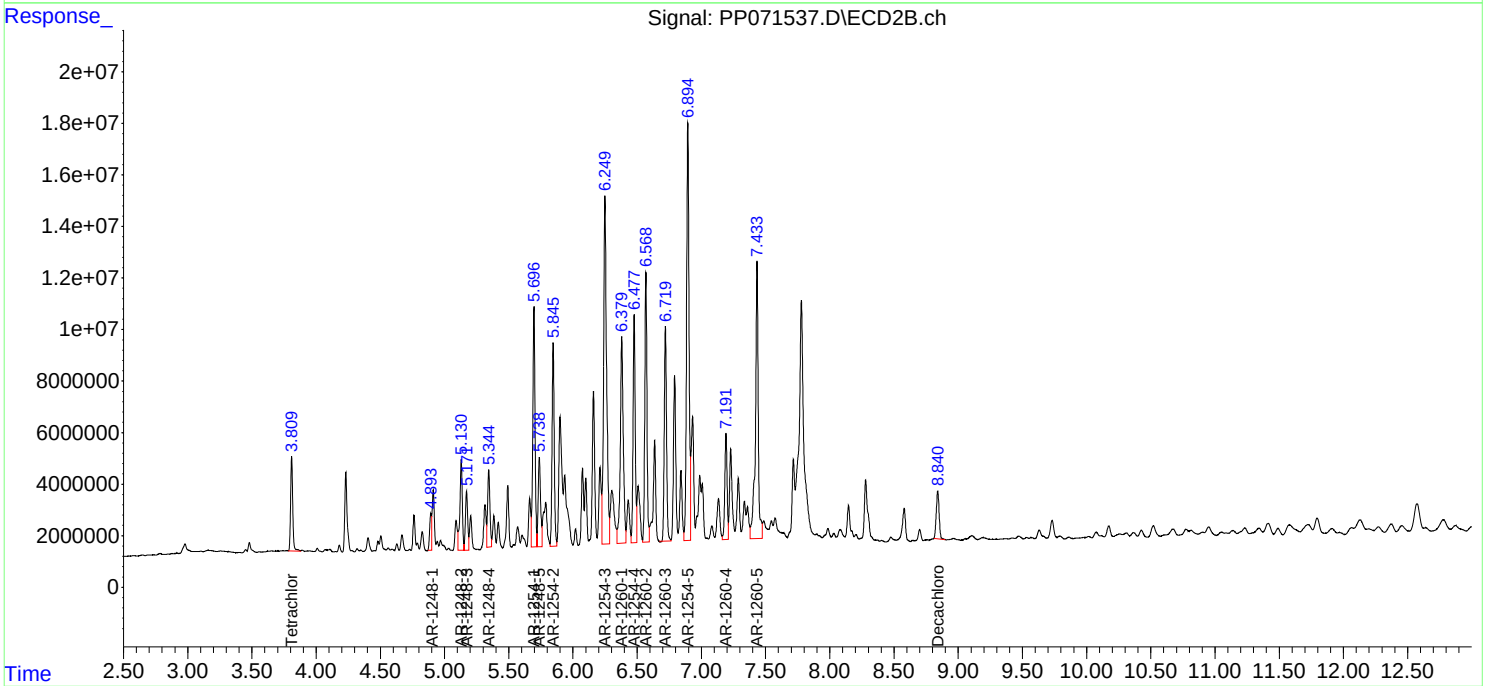
Manual Integrations APPROVED

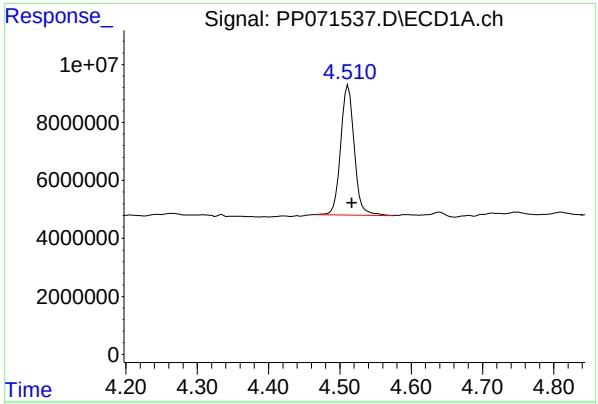
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:10:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







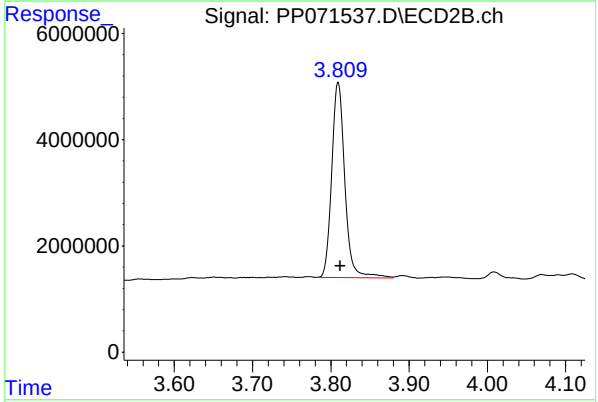
#1 Tetrachloro-m-xylene

R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 58933766
Conc: 29.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

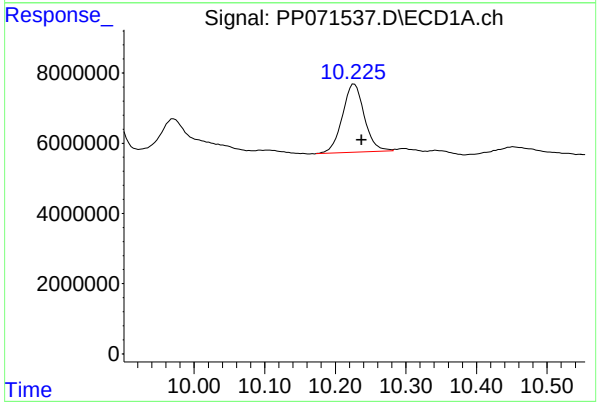
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



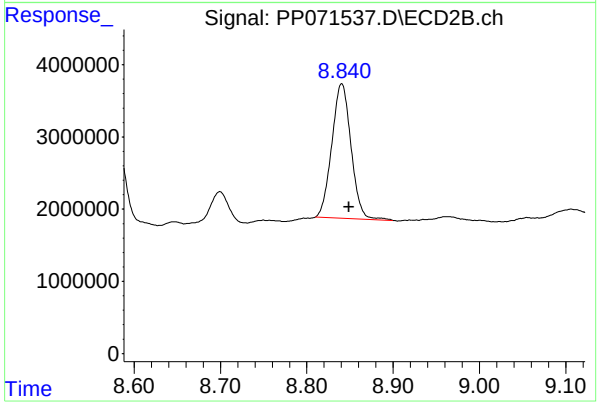
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 42520411
Conc: 30.19 ng/ml



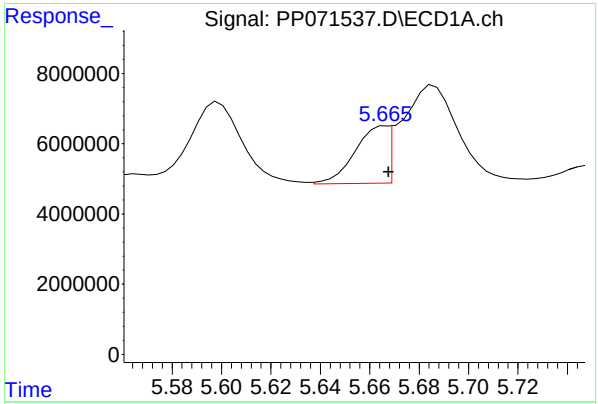
#2 Decachlorobiphenyl

R.T.: 10.227 min
Delta R.T.: -0.010 min
Response: 41802774
Conc: 28.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.009 min
Response: 28775340
Conc: 32.81 ng/ml



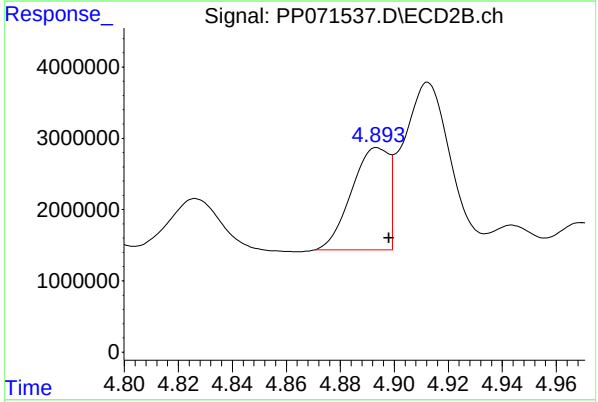
#21 AR-1248-1

R.T.: 5.665 min
Delta R.T.: -0.002 min
Response: 15867240
Conc: 369.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

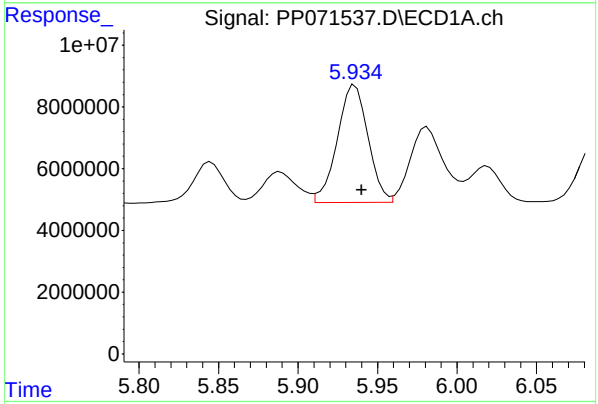
Manual Integrations
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Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



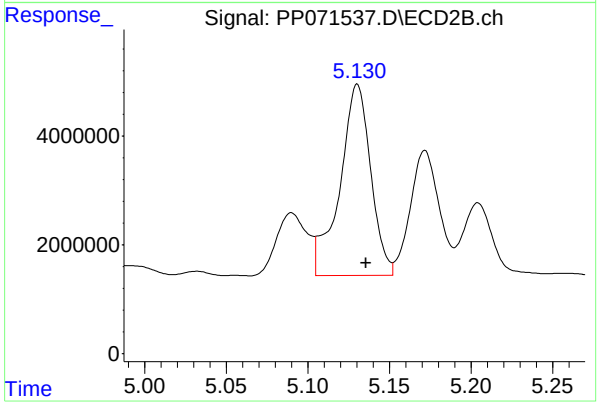
#21 AR-1248-1

R.T.: 4.894 min
Delta R.T.: -0.004 min
Response: 13787399
Conc: 381.85 ng/ml



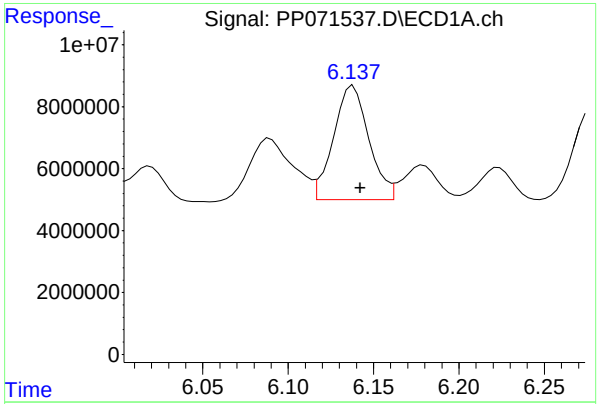
#22 AR-1248-2

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 51158725
Conc: 846.54 ng/ml



#22 AR-1248-2

R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 46367504
Conc: 947.00 ng/ml



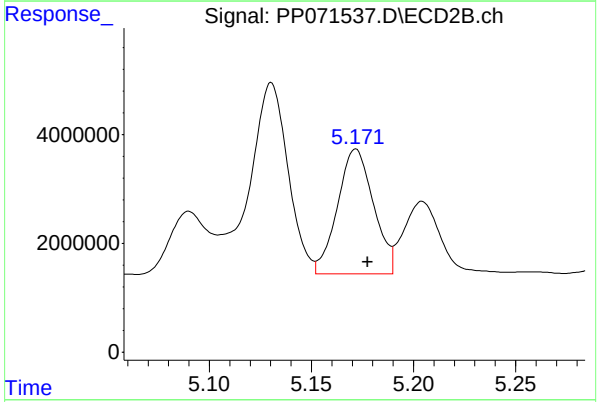
#23 AR-1248-3

R.T.: 6.137 min
Delta R.T.: -0.006 mi
Response: 53118402
Conc: 795.37 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

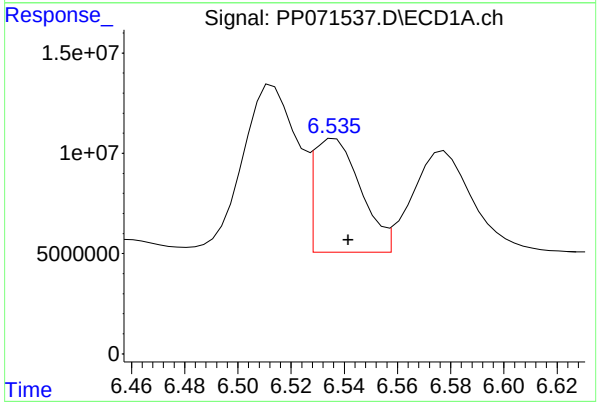
Manual Integrations
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Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



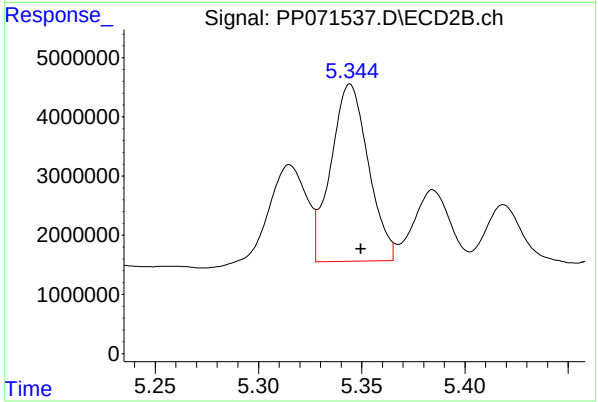
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: -0.006 min
Response: 28166881
Conc: 551.37 ng/ml



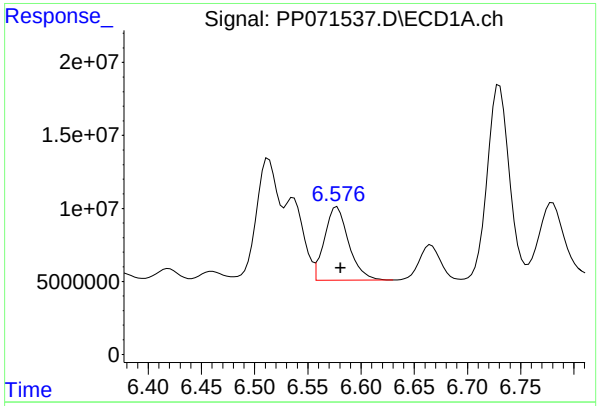
#24 AR-1248-4

R.T.: 6.536 min
Delta R.T.: -0.005 min
Response: 69381683
Conc: 820.01 ng/ml



#24 AR-1248-4

R.T.: 5.344 min
Delta R.T.: -0.006 min
Response: 37715350
Conc: 621.78 ng/ml m



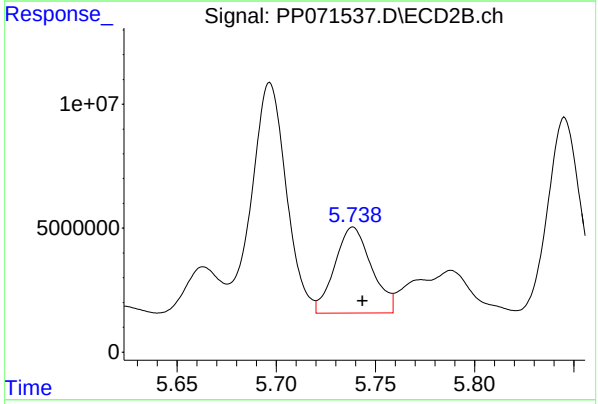
#25 AR-1248-5

R.T.: 6.578 min
Delta R.T.: -0.003 mi
Response: 80083765
Conc: 1008.00 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

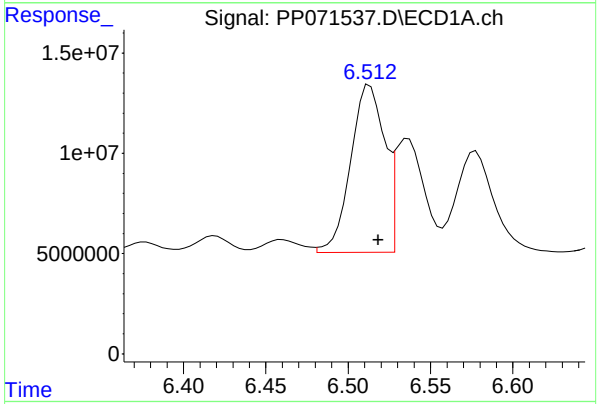
Manual Integrations
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Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



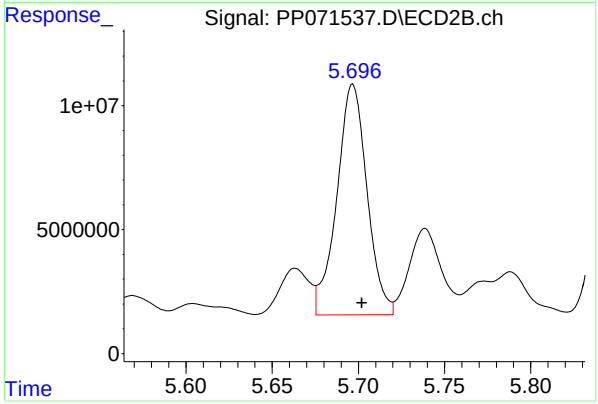
#25 AR-1248-5

R.T.: 5.739 min
Delta R.T.: -0.005 min
Response: 44839116
Conc: 769.23 ng/ml



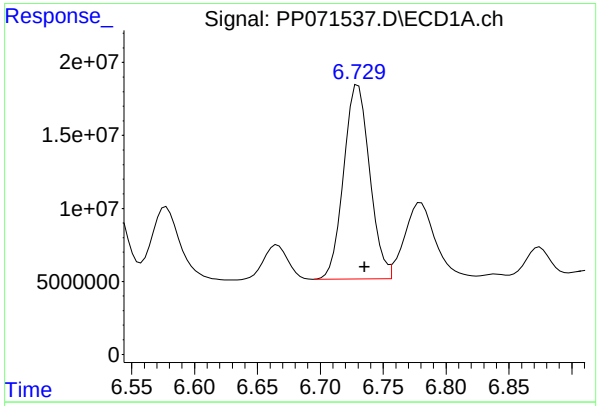
#26 AR-1254-1

R.T.: 6.513 min
Delta R.T.: -0.005 min
Response: 119812136
Conc: 1461.99 ng/ml



#26 AR-1254-1

R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 113134697
Conc: 1237.79 ng/ml



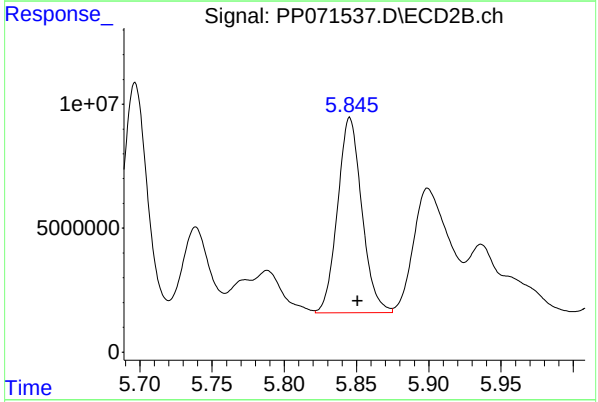
#27 AR-1254-2

R.T.: 6.730 min
Delta R.T.: -0.005 min
Response: 191582880
Conc: 1507.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

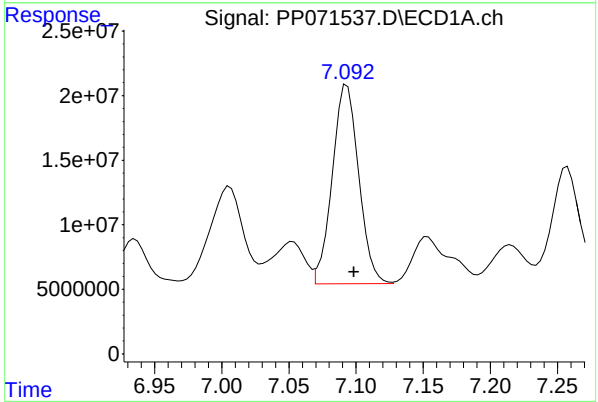
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



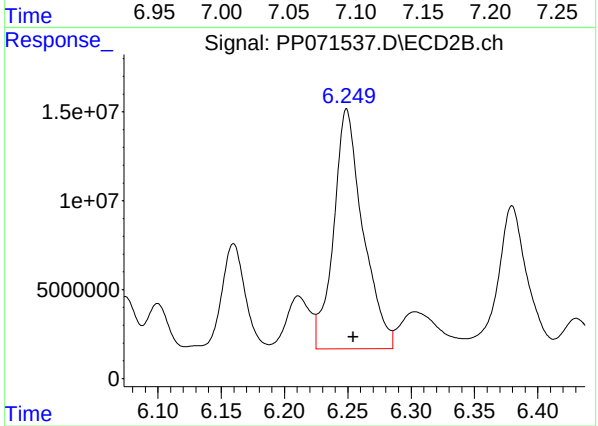
#27 AR-1254-2

R.T.: 5.845 min
Delta R.T.: -0.005 min
Response: 92235696
Conc: 1171.81 ng/ml



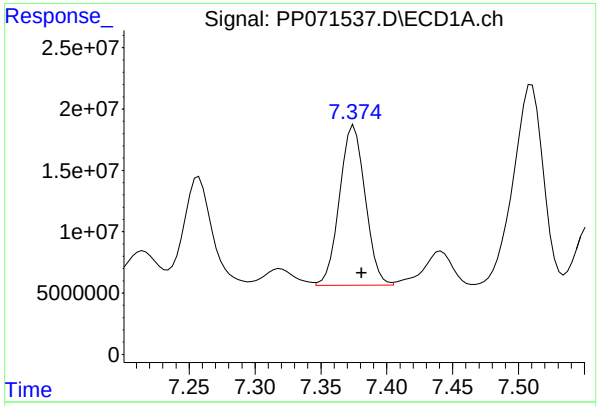
#28 AR-1254-3

R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 211673030
Conc: 1656.61 ng/ml



#28 AR-1254-3

R.T.: 6.249 min
Delta R.T.: -0.005 min
Response: 217404634
Conc: 1834.51 ng/ml



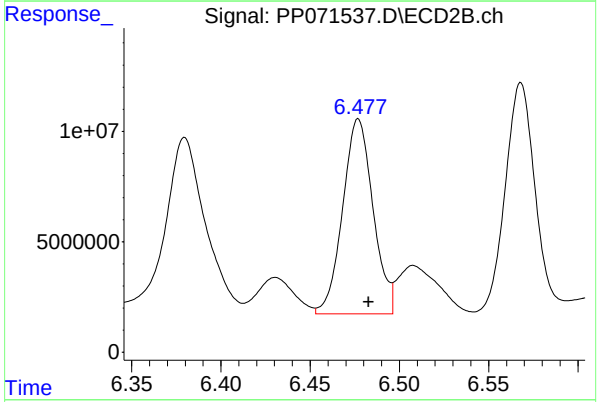
#29 AR-1254-4

R.T.: 7.375 min
Delta R.T.: -0.006 min
Response: 176309606
Conc: 1500.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

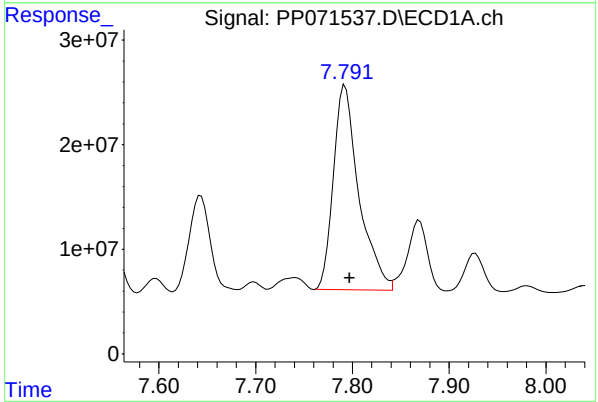
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



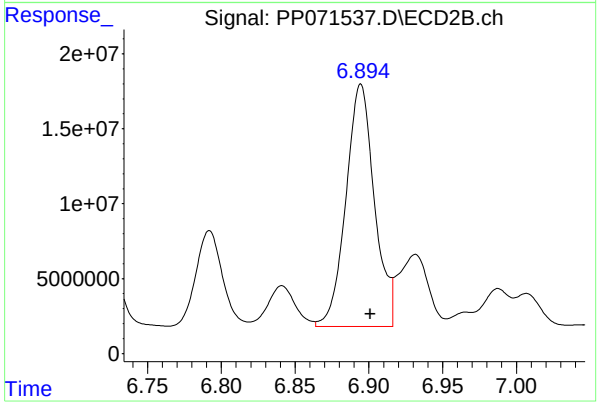
#29 AR-1254-4

R.T.: 6.477 min
Delta R.T.: -0.006 min
Response: 104605351
Conc: 1355.60 ng/ml



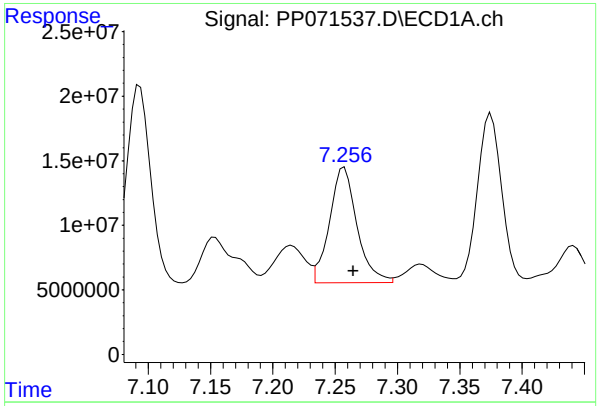
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: -0.004 min
Response: 358420575
Conc: 3327.02 ng/ml



#30 AR-1254-5

R.T.: 6.895 min
Delta R.T.: -0.006 min
Response: 217440079
Conc: 2142.95 ng/ml



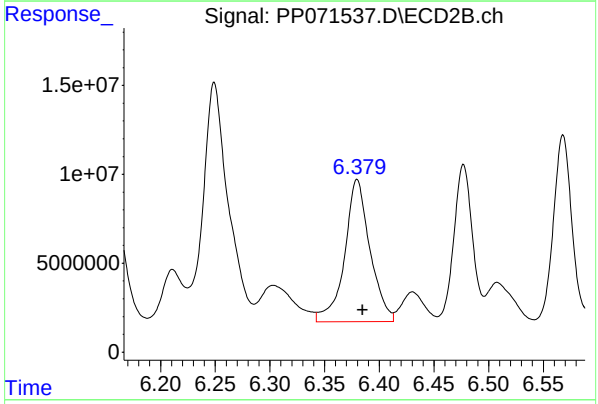
#31 AR-1260-1

R.T.: 7.257 min
Delta R.T.: -0.007 mi
Response: 136960766
Conc: 1426.31 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

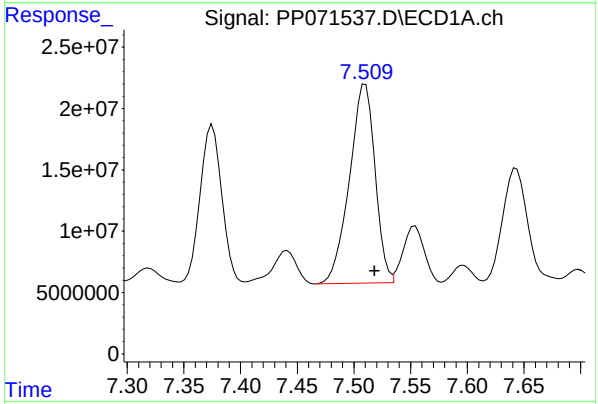
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



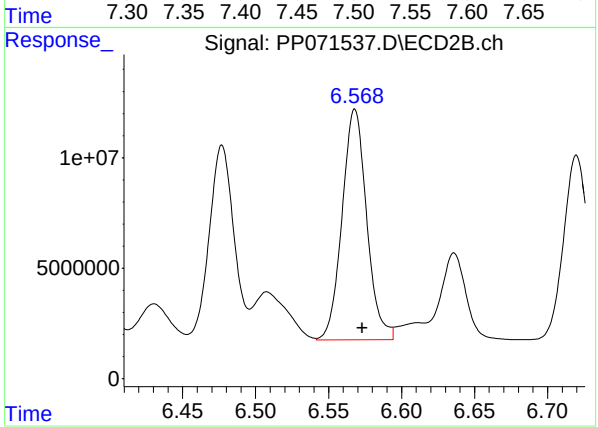
#31 AR-1260-1

R.T.: 6.380 min
Delta R.T.: -0.005 min
Response: 129381997
Conc: 1789.53 ng/ml



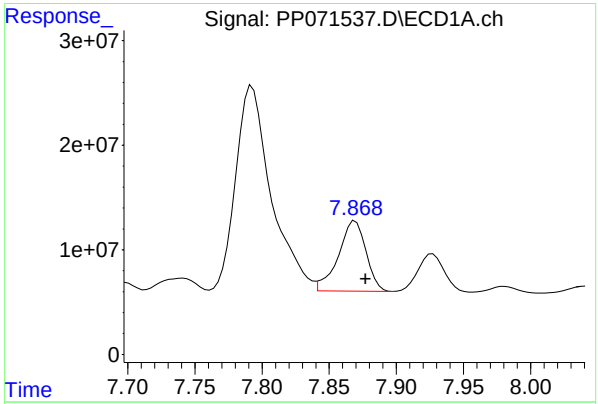
#32 AR-1260-2

R.T.: 7.510 min
Delta R.T.: -0.008 min
Response: 254837653
Conc: 1781.12 ng/ml



#32 AR-1260-2

R.T.: 6.568 min
Delta R.T.: -0.005 min
Response: 122600969
Conc: 1401.77 ng/ml



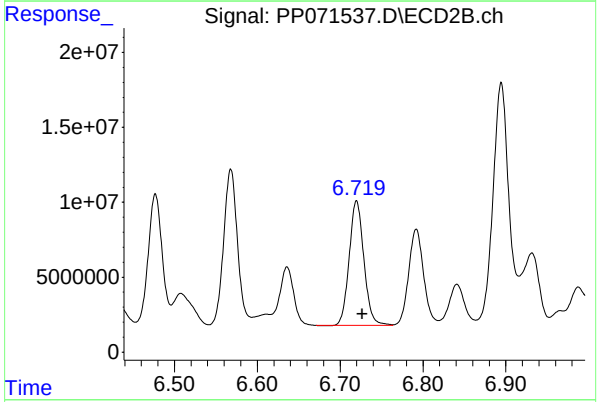
#33 AR-1260-3

R.T.: 7.869 min
Delta R.T.: -0.008 mi
Response: 97256188
Conc: 867.55 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

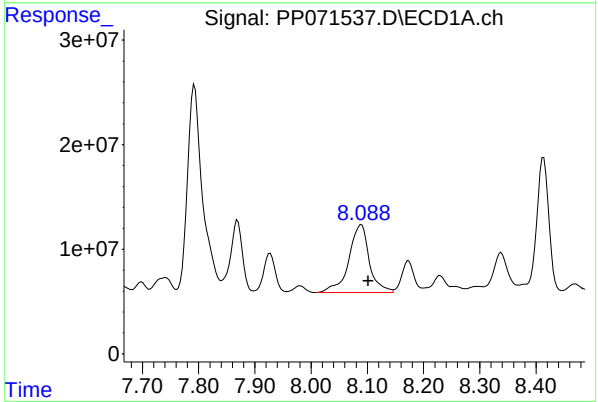
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



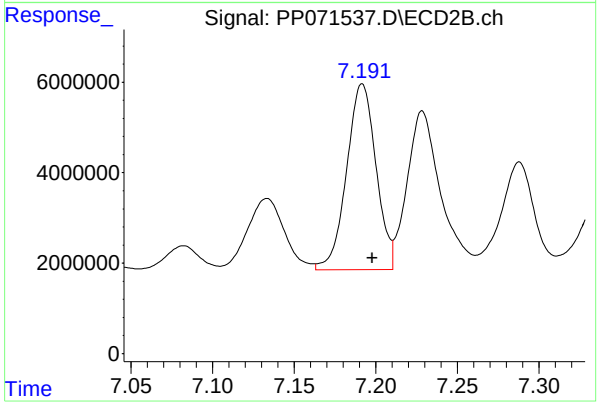
#33 AR-1260-3

R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 102454205
Conc: 1307.02 ng/ml



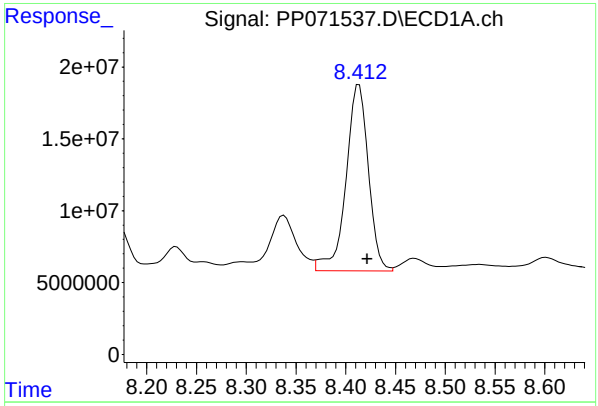
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.012 min
Response: 164731795
Conc: 1459.55 ng/ml



#34 AR-1260-4

R.T.: 7.192 min
Delta R.T.: -0.006 min
Response: 51592643
Conc: 817.50 ng/ml



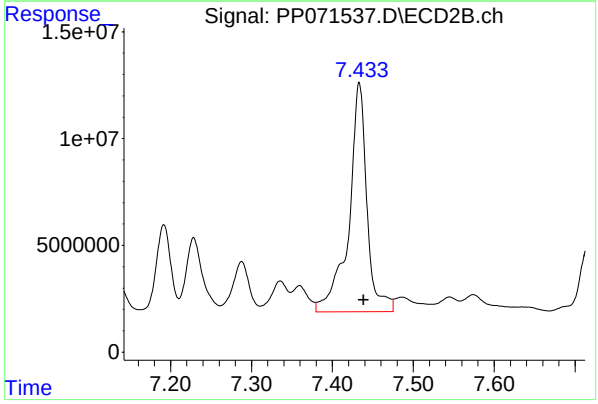
#35 AR-1260-5

R.T.: 8.414 min
Delta R.T.: -0.008 min
Response: 203060111
Conc: 896.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



#35 AR-1260-5

R.T.: 7.433 min
Delta R.T.: -0.006 min
Response: 166959710
Conc: 1107.33 ng/ml

Raw Data: **PP071604.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS029-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-35DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	80.6 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071604.D	5	04/25/25 08:20	04/29/25 11:56	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	24.5	UD	24.5	105	ug/kg
11104-28-2	Aroclor-1221	25.0	UD	25.0	105	ug/kg
11141-16-5	Aroclor-1232	23.1	UD	23.1	105	ug/kg
53469-21-9	Aroclor-1242	24.9	UD	24.9	105	ug/kg
12672-29-6	Aroclor-1248	294	D	36.7	105	ug/kg
11097-69-1	Aroclor-1254	665	D	19.9	105	ug/kg
37324-23-5	Aroclor-1262	31.1	UD	31.1	105	ug/kg
11100-14-4	Aroclor-1268	22.3	UD	22.3	105	ug/kg
11096-82-5	Aroclor-1260	504	D	20.0	105	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.7		32 - 144	134%	SPK: 20
2051-24-3	Decachlorobiphenyl	33.0		32 - 175	165%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071604.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 11:56
Operator : YP\AJ
Sample : Q1860-35DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 04:05:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.512	3.809	9317561	7517232	4.700	5.337	
2)	SA Decachlor...	10.229	8.839	7199418	5790578	4.972	6.602	#
	Target Compounds							
21)	L5 AR-1248-1	5.667	4.894	2950979	3002436	68.725m	83.155	
22)	L5 AR-1248-2	5.937	5.130	8425654	9697414	139.423	198.058	#
23)	L5 AR-1248-3	6.138	5.172	7805782	5906487	116.880m	115.620	
24)	L5 AR-1248-4	6.538	5.344	11316314	8857624	133.745	146.027m	
25)	L5 AR-1248-5	6.579	5.738	12612841	9856910	158.755	169.099	
26)	L6 AR-1254-1	6.515	5.697	19066454	23812965	232.656	260.535	
27)	L6 AR-1254-2	6.732	5.846	33209925	19620369	261.339	249.267	
28)	L6 AR-1254-3	7.095	6.249	36371381	39145034	284.652	330.315	
29)	L6 AR-1254-4	7.378	6.477	31454044	20956263	267.663	271.575	
30)	L6 AR-1254-5	7.794	6.895	60705784	37626578	563.498	370.823	#
31)	L7 AR-1260-1	7.259	6.379	21797775	23807355	227.002	329.289	#
32)	L7 AR-1260-2	7.511	6.568	46099188	24303980	322.198	277.882	
33)	L7 AR-1260-3	7.870	6.720	18541631	20093873	165.397	256.340	#
34)	L7 AR-1260-4	8.089	7.191	27362200	10032541	242.433m	158.968	#
35)	L7 AR-1260-5	8.413	7.433	37331077	29616930	164.764m	196.428	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP071604.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 11:56
Operator : YP\AJ
Sample : Q1860-35DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

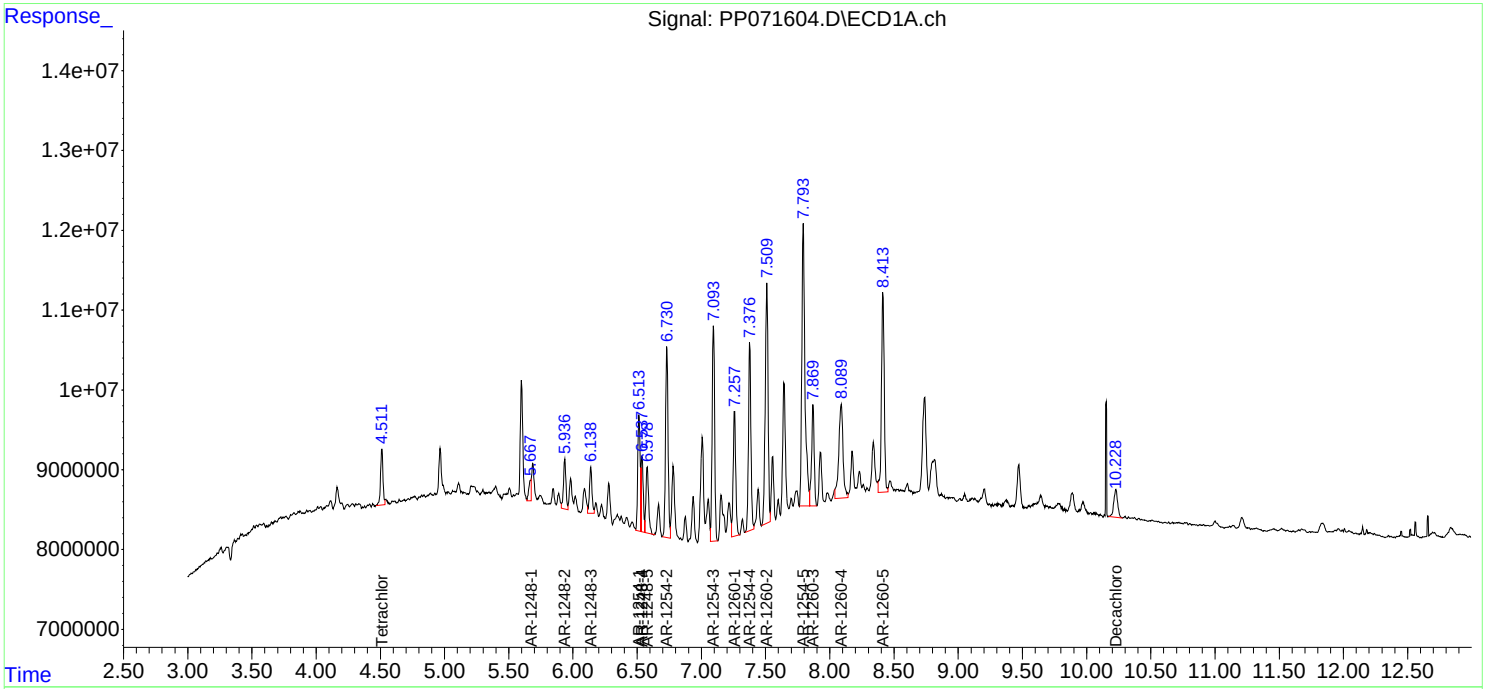
Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

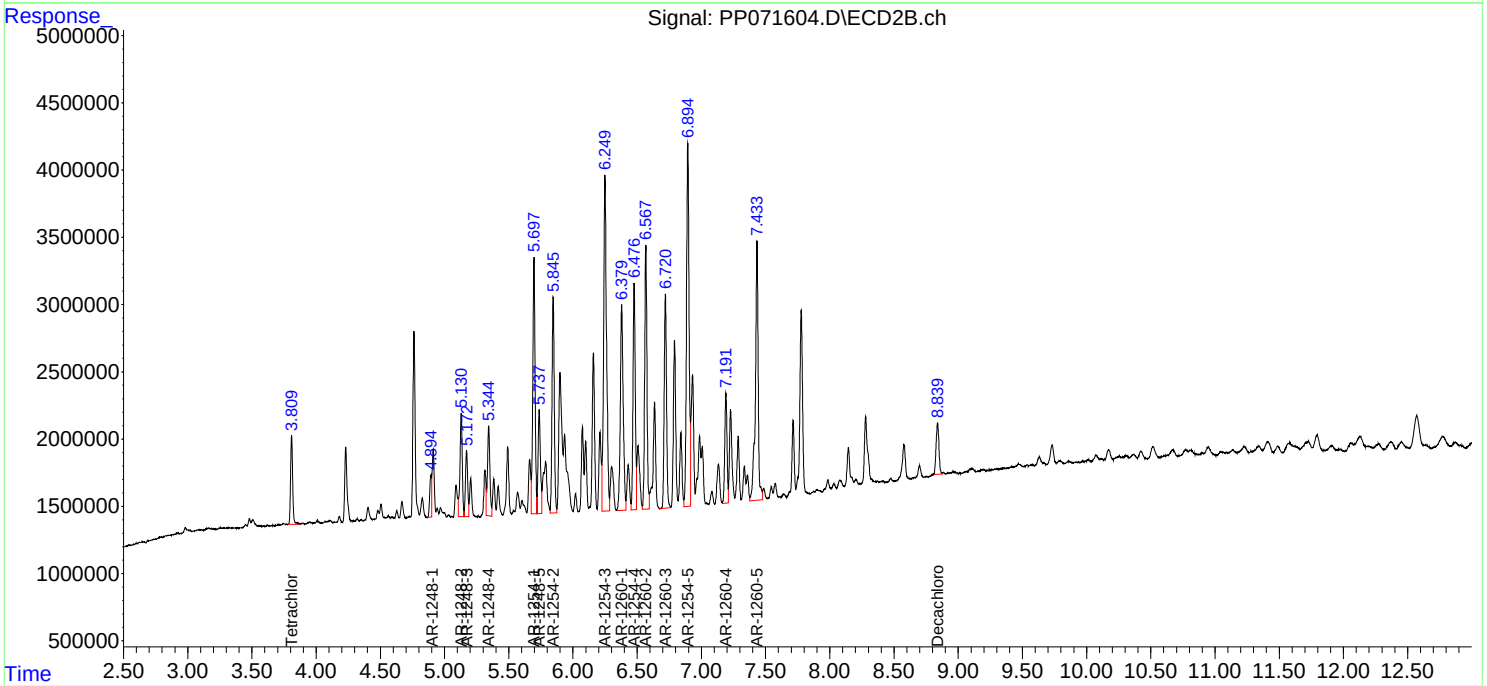
Manual Integrations APPROVED

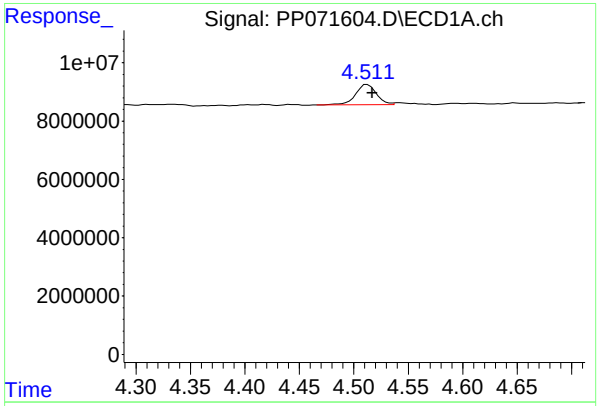
Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 04:05:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







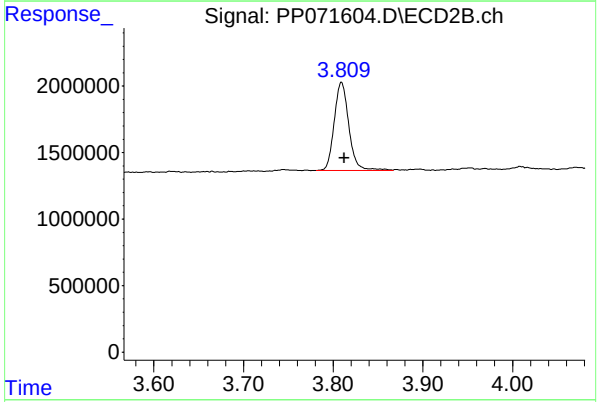
#1 Tetrachloro-m-xylene

R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 9317561
Conc: 4.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

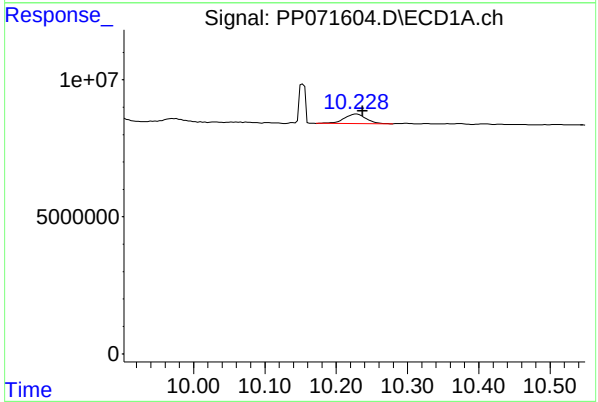
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



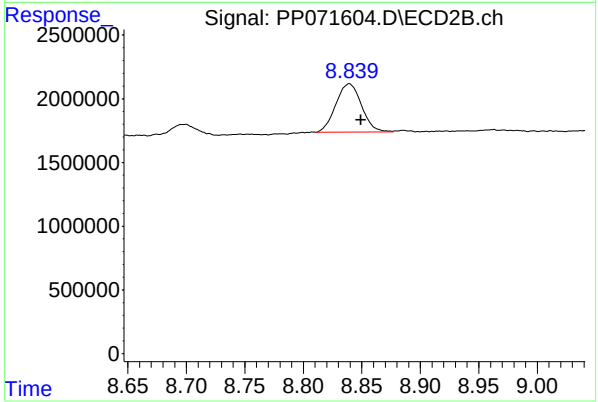
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 7517232
Conc: 5.34 ng/ml



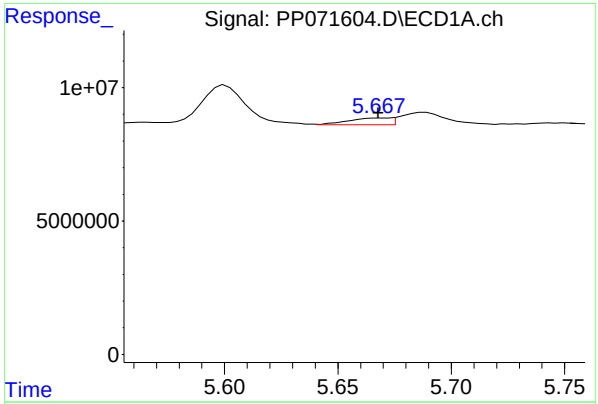
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: -0.008 min
Response: 7199418
Conc: 4.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.839 min
Delta R.T.: -0.010 min
Response: 5790578
Conc: 6.60 ng/ml



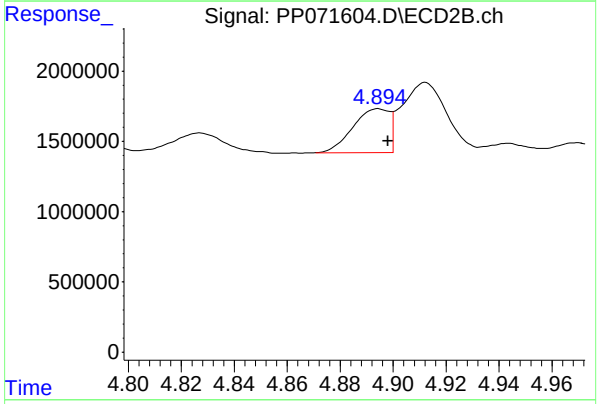
#21 AR-1248-1

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 2950979
Conc: 68.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

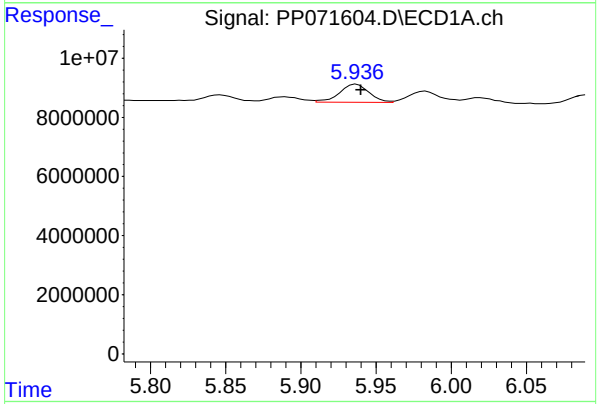
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



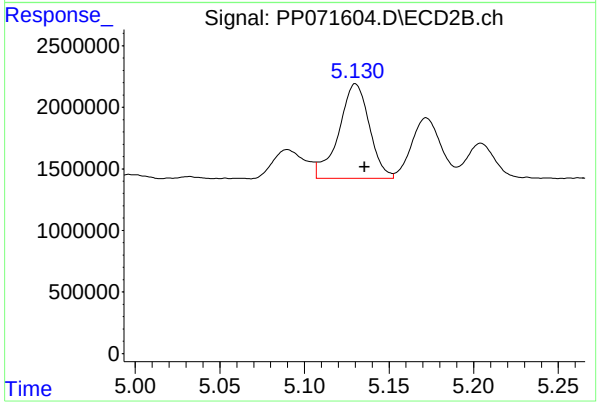
#21 AR-1248-1

R.T.: 4.894 min
Delta R.T.: -0.004 min
Response: 3002436
Conc: 83.15 ng/ml



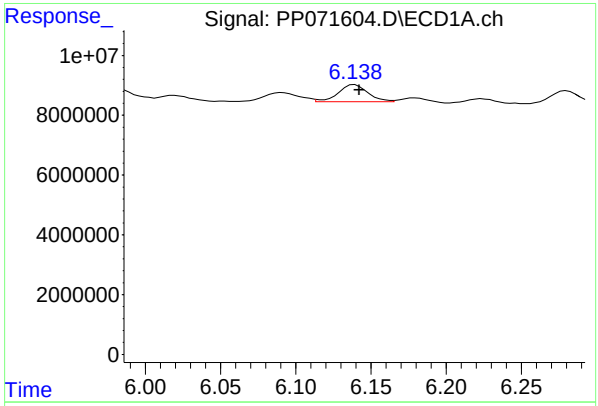
#22 AR-1248-2

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 8425654
Conc: 139.42 ng/ml



#22 AR-1248-2

R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 9697414
Conc: 198.06 ng/ml



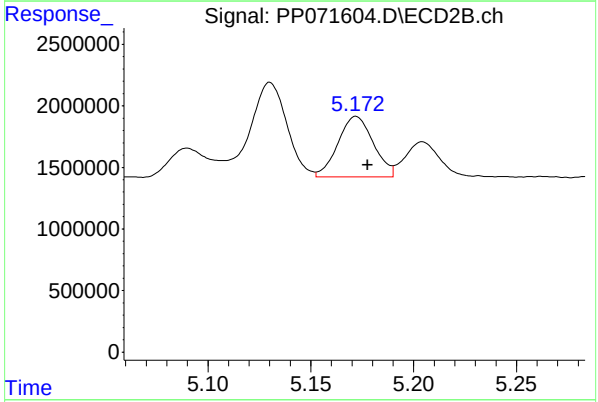
#23 AR-1248-3

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 7805782
Conc: 116.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

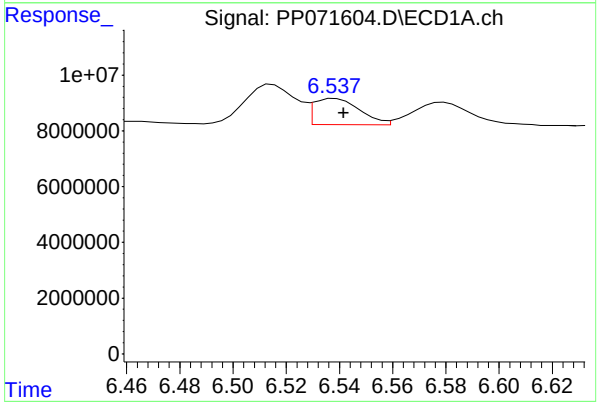
Manual Integrations
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Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



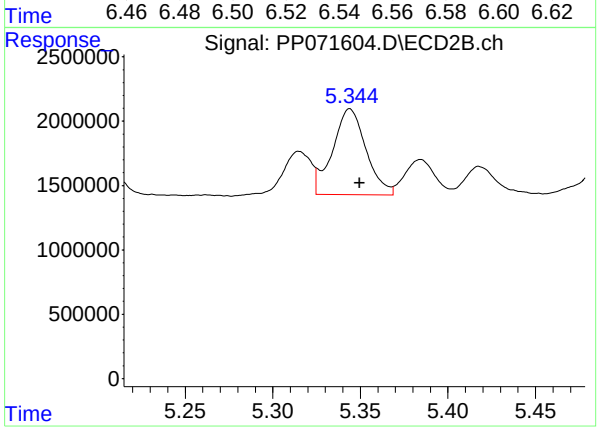
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: -0.006 min
Response: 5906487
Conc: 115.62 ng/ml



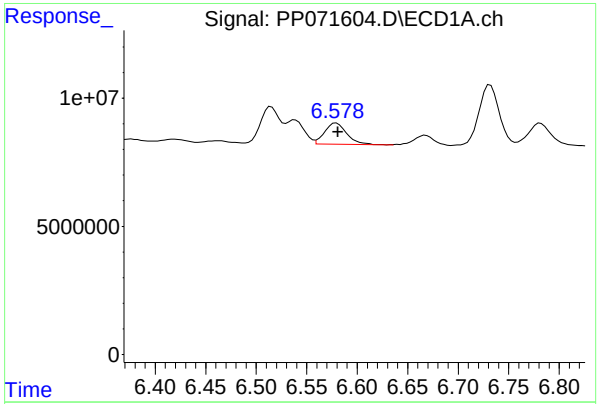
#24 AR-1248-4

R.T.: 6.538 min
Delta R.T.: -0.003 min
Response: 11316314
Conc: 133.75 ng/ml



#24 AR-1248-4

R.T.: 5.344 min
Delta R.T.: -0.006 min
Response: 8857624
Conc: 146.03 ng/ml m



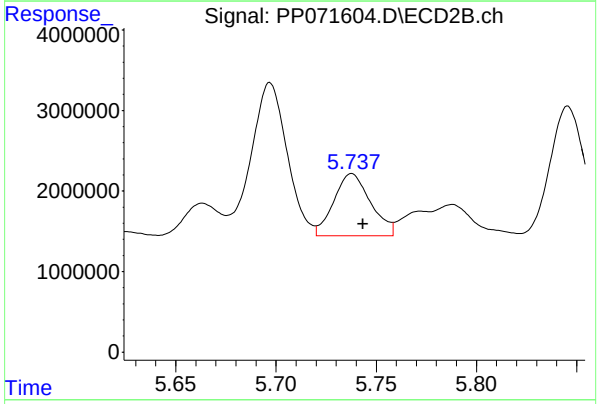
#25 AR-1248-5

R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 12612841
Conc: 158.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

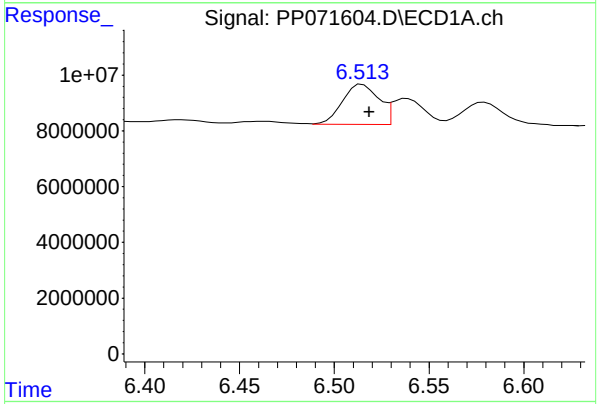
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



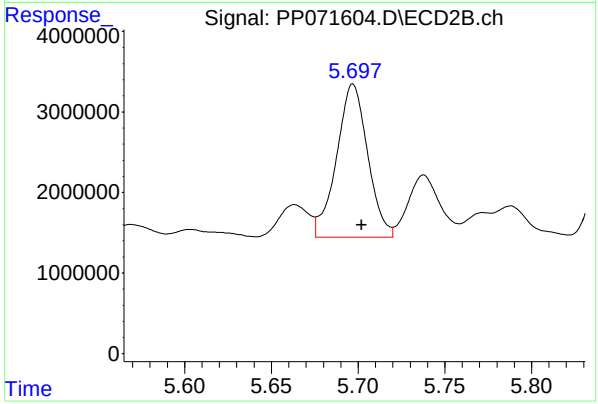
#25 AR-1248-5

R.T.: 5.738 min
Delta R.T.: -0.006 min
Response: 9856910
Conc: 169.10 ng/ml



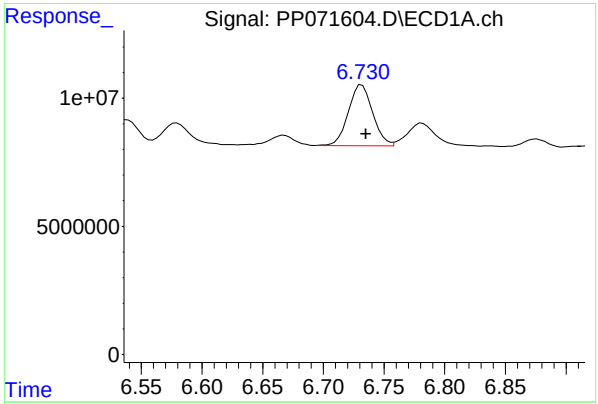
#26 AR-1254-1

R.T.: 6.515 min
Delta R.T.: -0.004 min
Response: 19066454
Conc: 232.66 ng/ml



#26 AR-1254-1

R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 23812965
Conc: 260.53 ng/ml



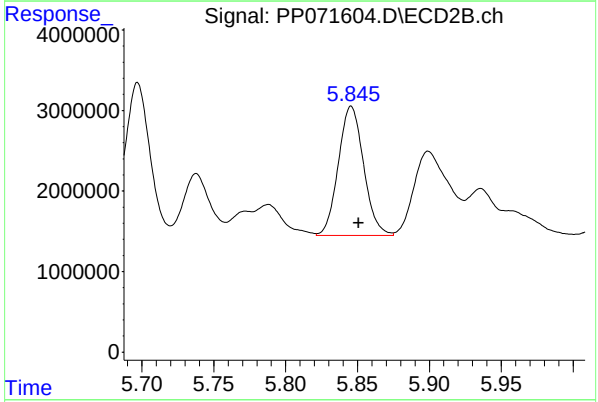
#27 AR-1254-2

R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 33209925
Conc: 261.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

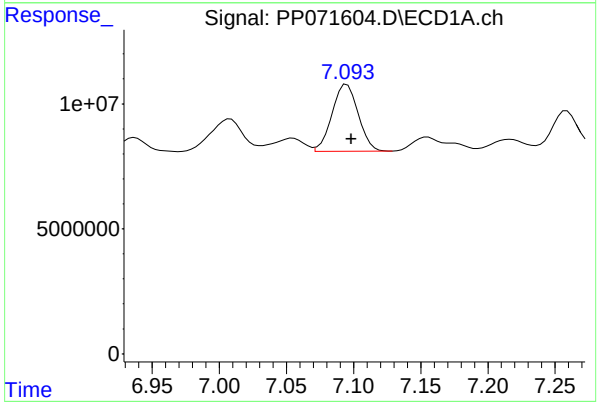
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



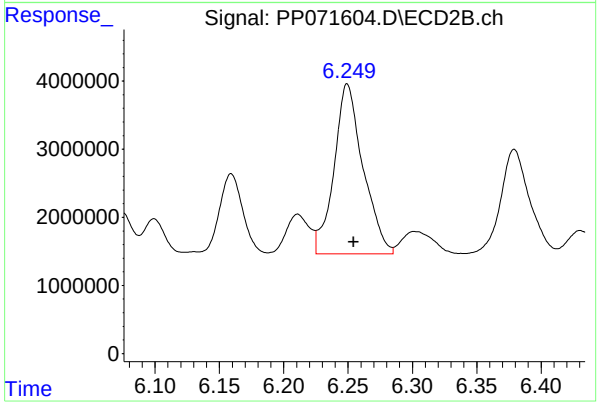
#27 AR-1254-2

R.T.: 5.846 min
Delta R.T.: -0.005 min
Response: 19620369
Conc: 249.27 ng/ml



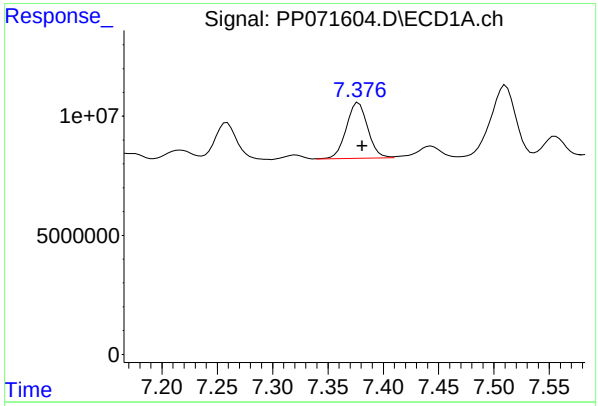
#28 AR-1254-3

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 36371381
Conc: 284.65 ng/ml



#28 AR-1254-3

R.T.: 6.249 min
Delta R.T.: -0.005 min
Response: 39145034
Conc: 330.31 ng/ml



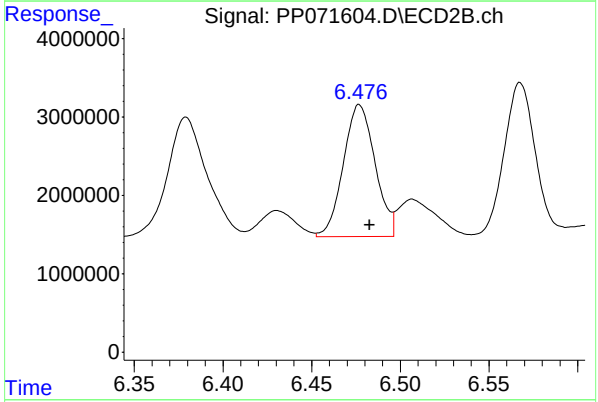
#29 AR-1254-4

R.T.: 7.378 min
Delta R.T.: -0.003 min
Response: 31454044
Conc: 267.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

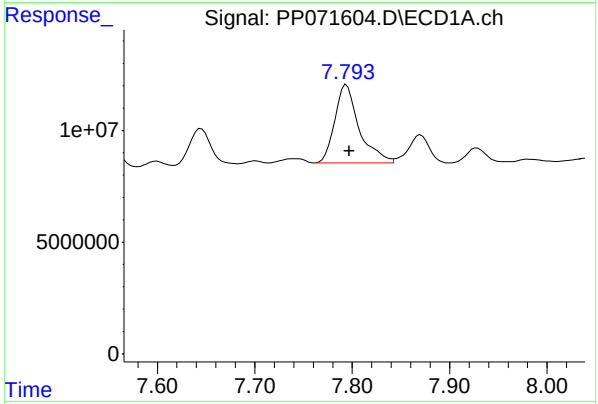
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



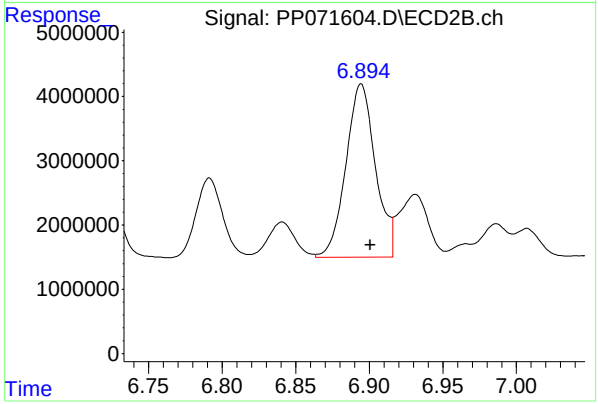
#29 AR-1254-4

R.T.: 6.477 min
Delta R.T.: -0.006 min
Response: 20956263
Conc: 271.58 ng/ml



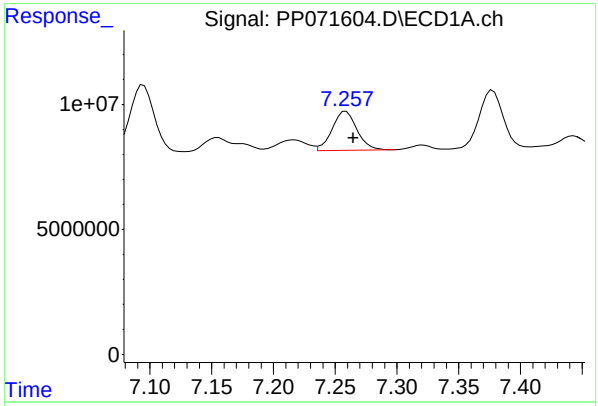
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: -0.003 min
Response: 60705784
Conc: 563.50 ng/ml



#30 AR-1254-5

R.T.: 6.895 min
Delta R.T.: -0.006 min
Response: 37626578
Conc: 370.82 ng/ml



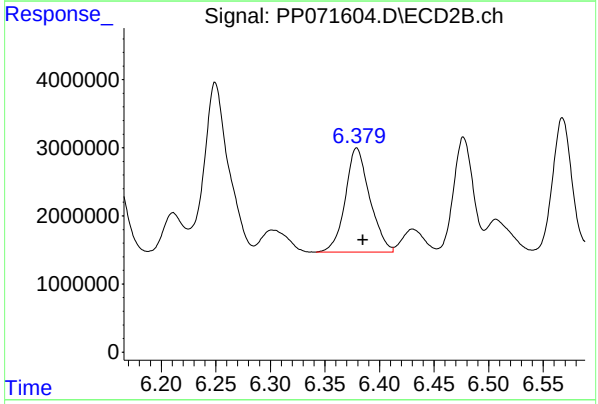
#31 AR-1260-1

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 21797775
Conc: 227.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

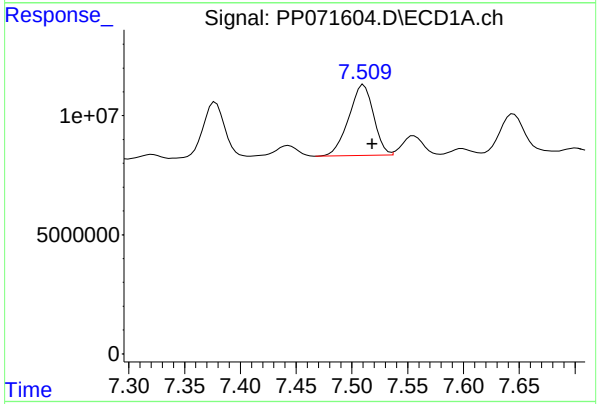
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



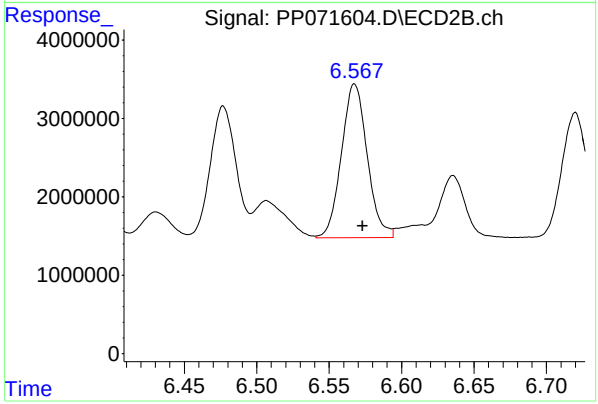
#31 AR-1260-1

R.T.: 6.379 min
Delta R.T.: -0.006 min
Response: 23807355
Conc: 329.29 ng/ml



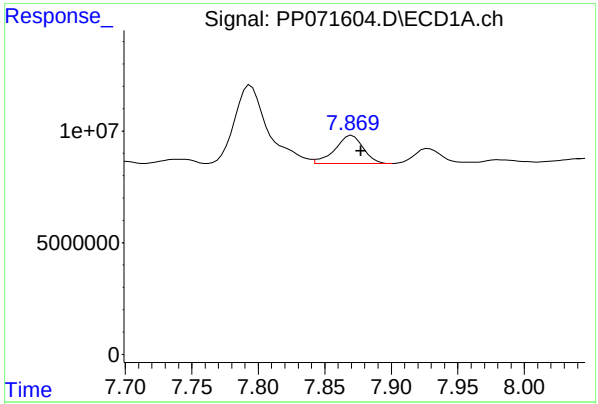
#32 AR-1260-2

R.T.: 7.511 min
Delta R.T.: -0.008 min
Response: 46099188
Conc: 322.20 ng/ml



#32 AR-1260-2

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 24303980
Conc: 277.88 ng/ml



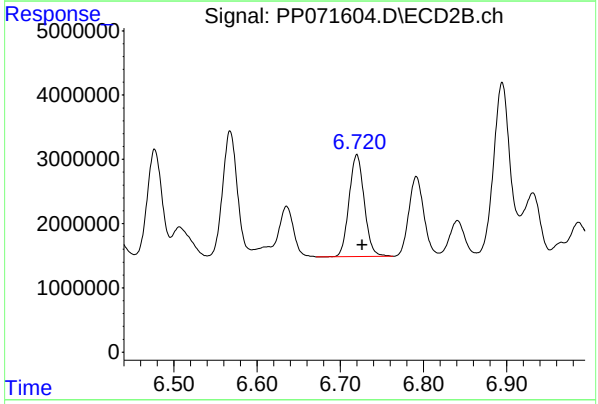
#33 AR-1260-3

R.T.: 7.870 min
Delta R.T.: -0.007 mi
Response: 18541631
Conc: 165.40 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

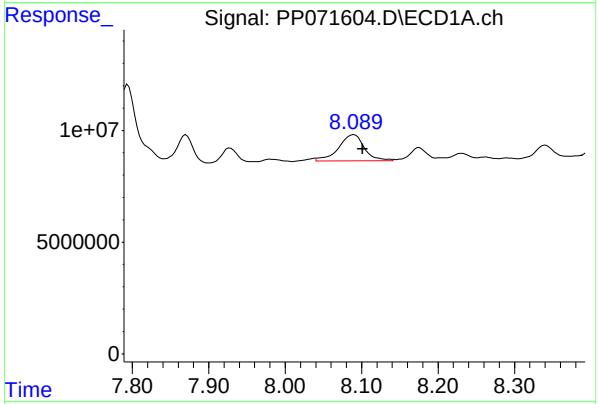
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



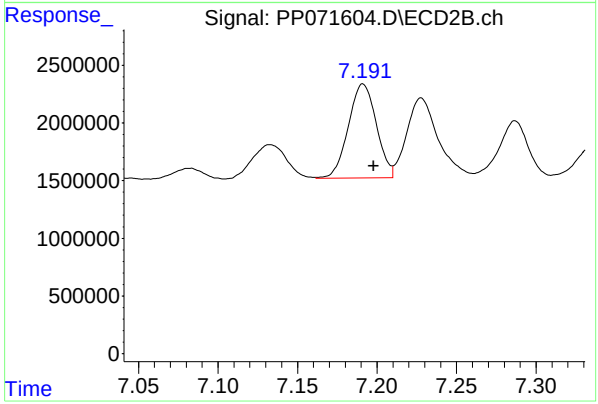
#33 AR-1260-3

R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 20093873
Conc: 256.34 ng/ml



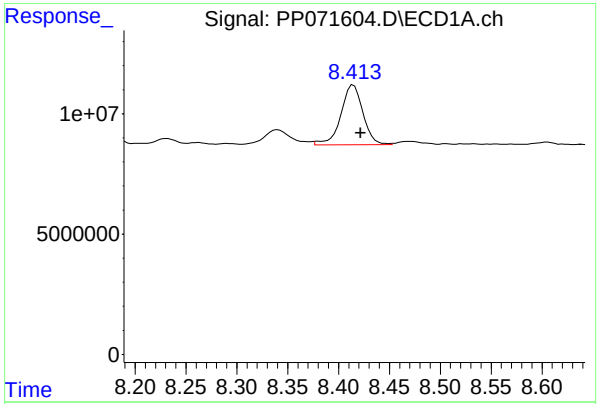
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.013 min
Response: 27362200
Conc: 242.43 ng/ml m



#34 AR-1260-4

R.T.: 7.191 min
Delta R.T.: -0.007 min
Response: 10032541
Conc: 158.97 ng/ml



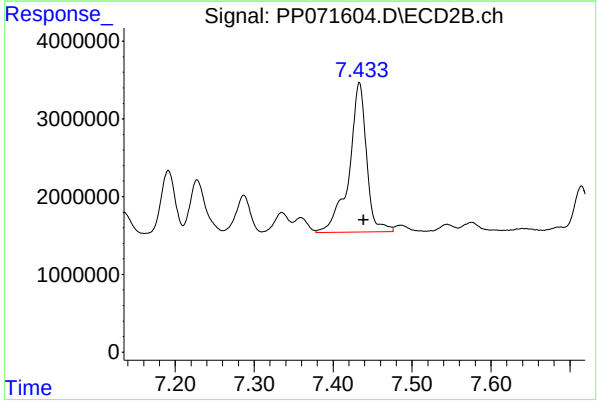
#35 AR-1260-5

R.T.: 8.413 min
Delta R.T.: -0.009 min
Response: 37331077
Conc: 164.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS029-01DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



#35 AR-1260-5

R.T.: 7.433 min
Delta R.T.: -0.006 min
Response: 29616930
Conc: 196.43 ng/ml

Raw Data: **PO110745.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS030-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-36	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.7 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110745.D	1	04/25/25 08:20	04/25/25 19:39	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.3	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.3	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.3	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.3	ug/kg
12672-29-6	Aroclor-1248	2100	E	7.10	20.3	ug/kg
11097-69-1	Aroclor-1254	3300	E	3.80	20.3	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.3	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.3	ug/kg
11096-82-5	Aroclor-1260	3500	E	3.90	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.7		32 - 144	74%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.3		32 - 175	121%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110745.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 19:39
Operator : YP/AJ
Sample : Q1860-36
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:28:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	128.6E6	72426432	14.700	14.515
2)	SA Decachlor...	8.728	8.678	191.4E6	27368027	24.249	14.217 #
	Target Compounds						
21)	L5 AR-1248-1	4.774	4.760	773.2E6	411.3E6	3633.002	3572.729
22)	L5 AR-1248-2	5.015	4.999	1684.9E6	999.3E6	5693.705	6135.368
23)	L5 AR-1248-3	5.230	5.041	1967.3E6	748.7E6	5317.529	4257.666
24)	L5 AR-1248-4	5.584	5.212	4009.4E6	981.4E6	7709.860	4818.304m#
25)	L5 AR-1248-5	5.625	5.604	1684.1E6	917.1E6	4558.761	4646.148
26)	L6 AR-1254-1	5.584	5.564	4009.4E6	2211.0E6	7185.382	7333.472
27)	L6 AR-1254-2	5.734	5.711	3496.7E6	1771.3E6	7199.252	6692.118
28)	L6 AR-1254-3	6.139	6.114	7052.9E6	3747.0E6	9004.959	9288.110
29)	L6 AR-1254-4	6.367	6.341	2537.3E6	1298.4E6	5203.498	5652.115
30)	L6 AR-1254-5	6.787	6.758	8111.4E6	3992.9E6	11572.866	12016.229
31)	L7 AR-1260-1	6.270	6.244	4653.2E6	2423.4E6	9849.288	9852.762
32)	L7 AR-1260-2	6.460	6.431	5315.7E6	2595.7E6	9064.650	8897.115
33)	L7 AR-1260-3	6.826	6.584	3195.6E6	2231.2E6	6483.650	8236.730 #
34)	L7 AR-1260-4	7.086	7.056	2611.9E6	1208.4E6	6154.078	6022.925
35)	L7 AR-1260-5	7.328	7.297	7296.4E6	5018.8E6	6992.443	10937.490 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 19:39
Operator : YP/AJ
Sample : Q1860-36
Misc :
ALS Vial : 22 Sample Multiplier: 1

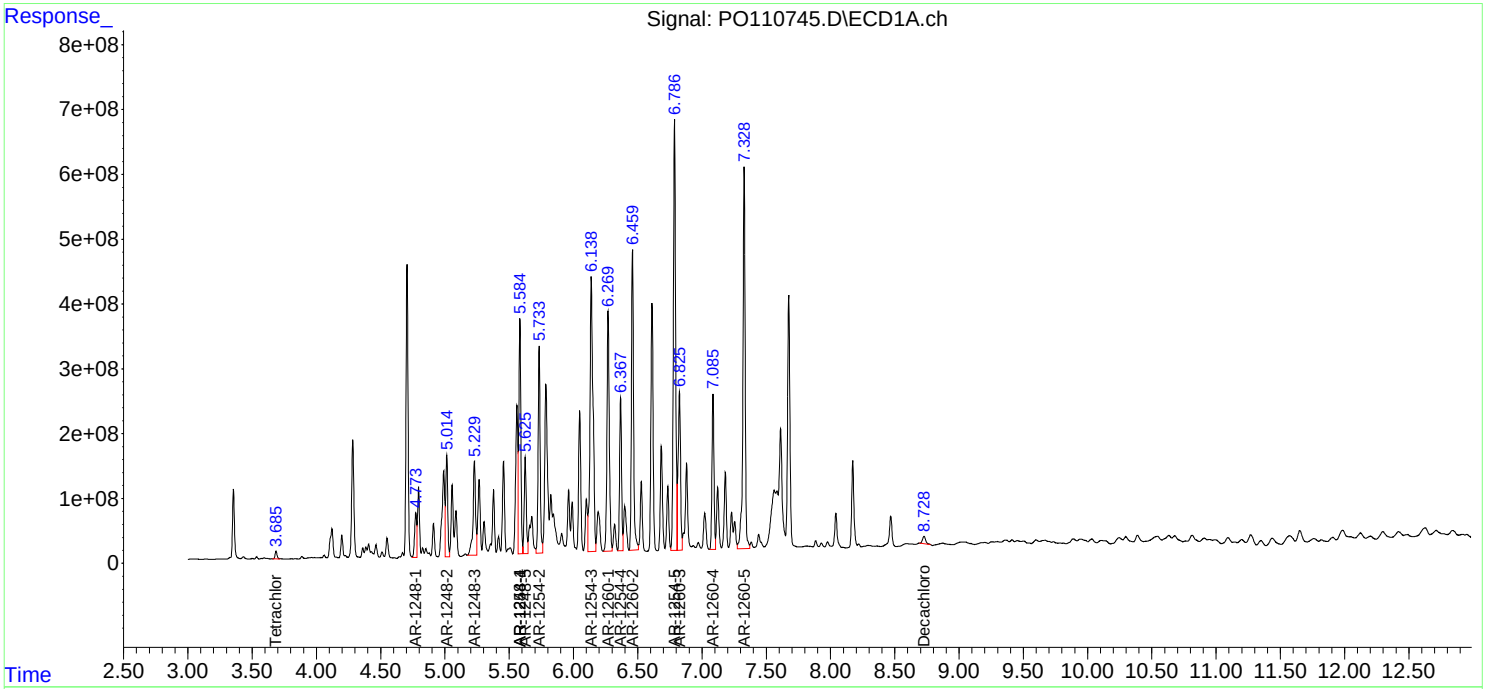
Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

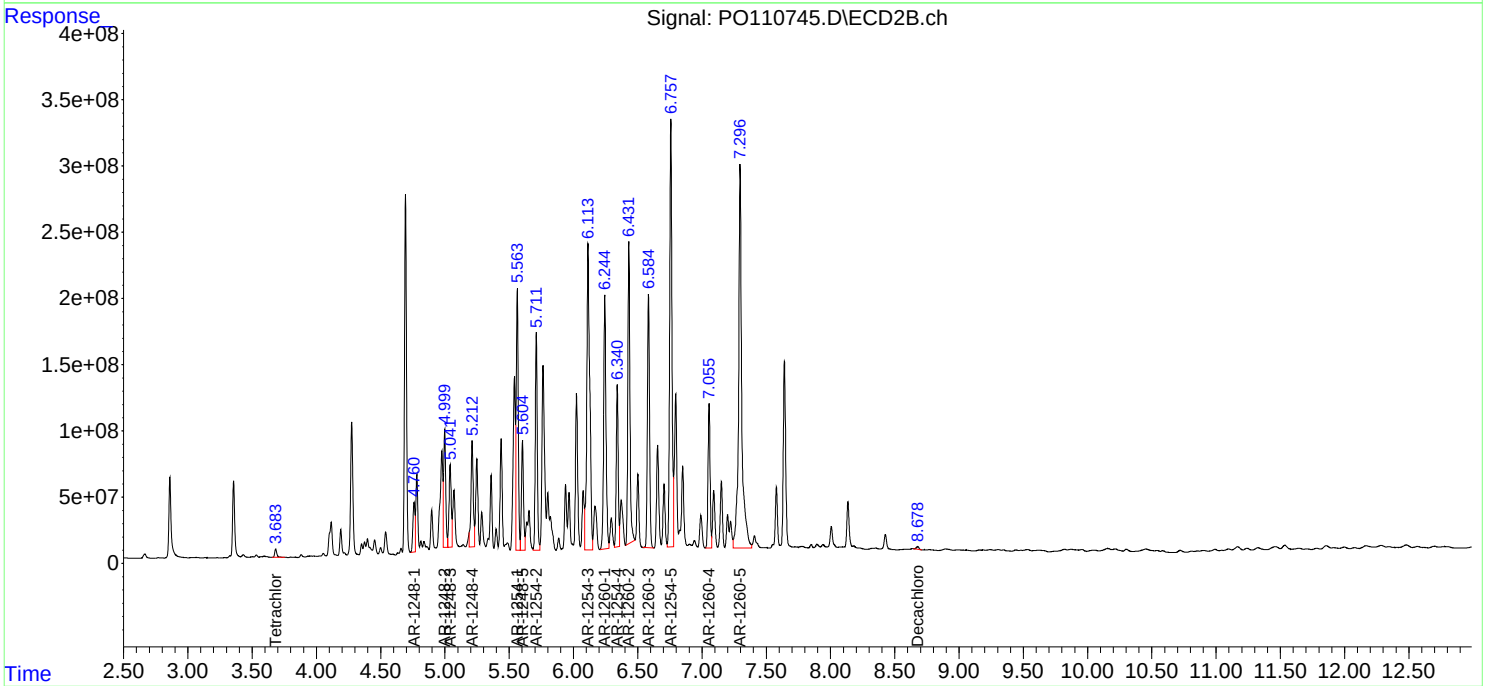
Manual Integrations APPROVED

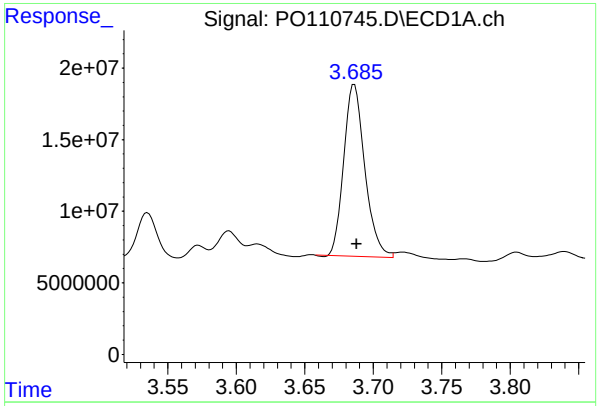
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:28:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







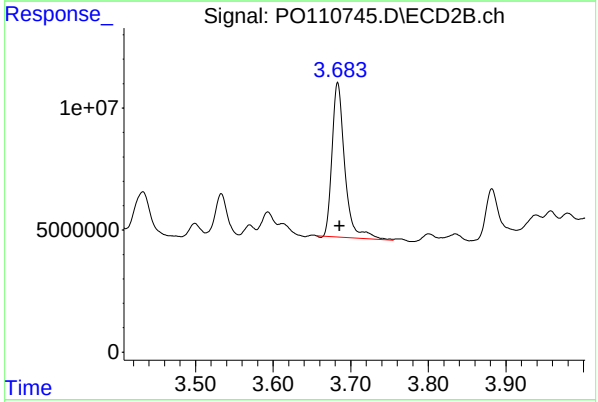
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 128611293
Conc: 14.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

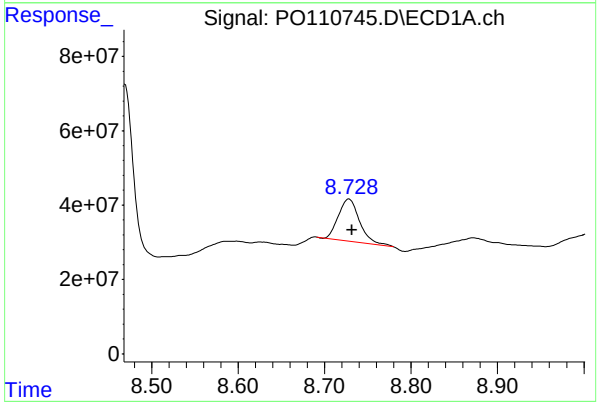
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



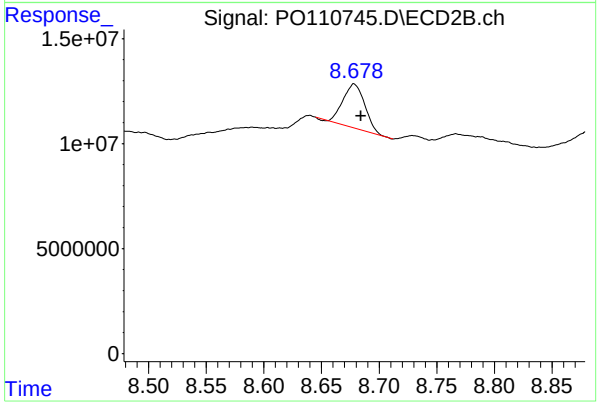
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 72426432
Conc: 14.51 ng/ml



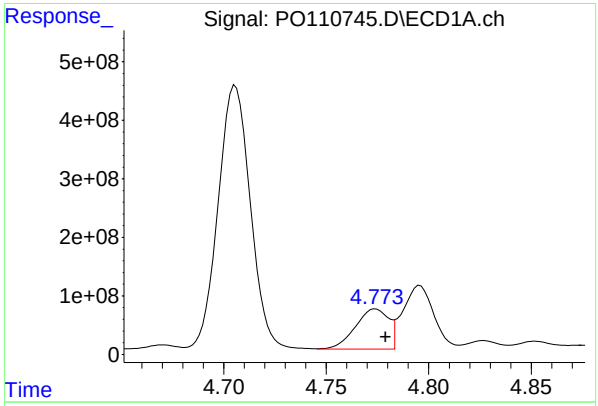
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.004 min
Response: 191444019
Conc: 24.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 27368027
Conc: 14.22 ng/ml



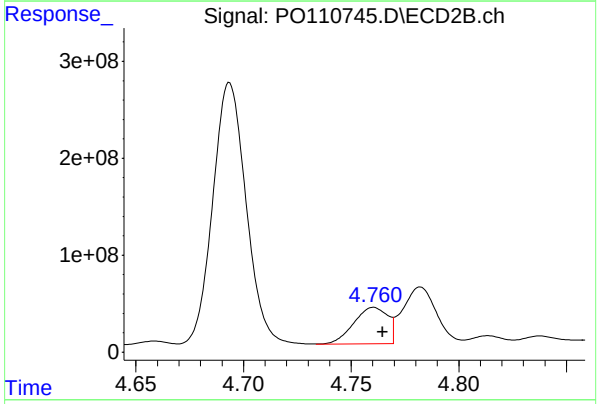
#21 AR-1248-1

R.T.: 4.774 min
Delta R.T.: -0.005 mi
Response: 773234648
Conc: 3633.00 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

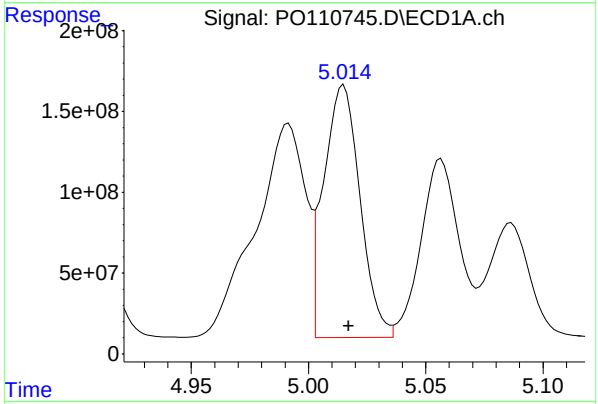
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



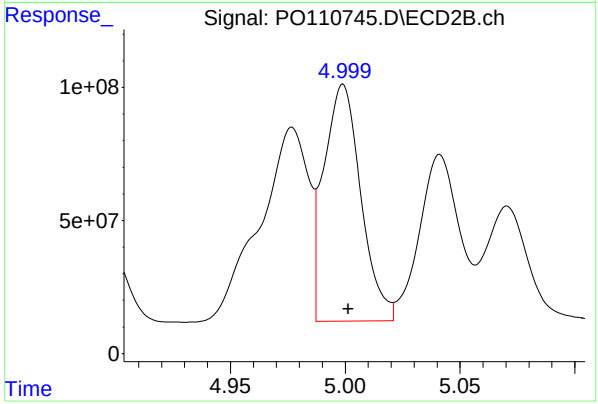
#21 AR-1248-1

R.T.: 4.760 min
Delta R.T.: -0.004 min
Response: 411335368
Conc: 3572.73 ng/ml



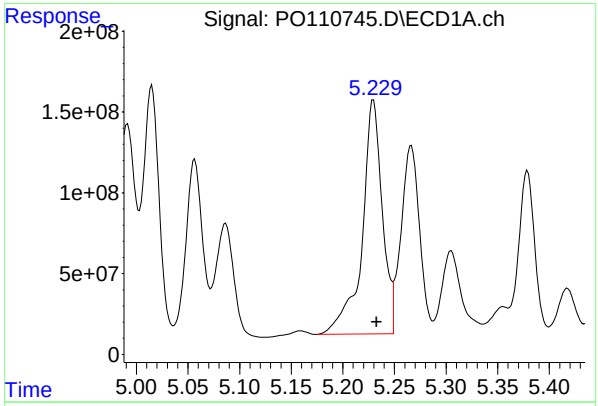
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 1684909703
Conc: 5693.70 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 999344692
Conc: 6135.37 ng/ml



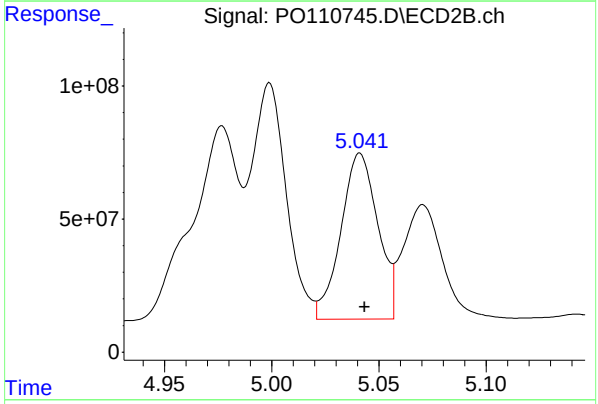
#23 AR-1248-3

R.T.: 5.230 min
Delta R.T.: -0.003 mi
Response: 1967280654
Conc: 5317.53 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

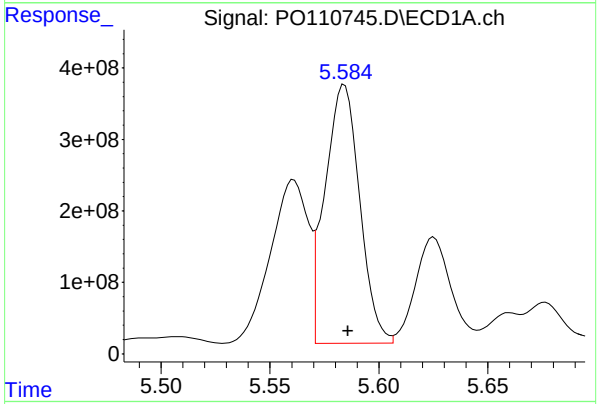
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



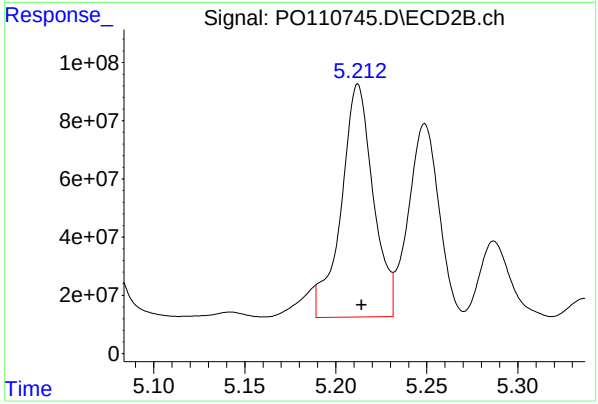
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 748736575
Conc: 4257.67 ng/ml



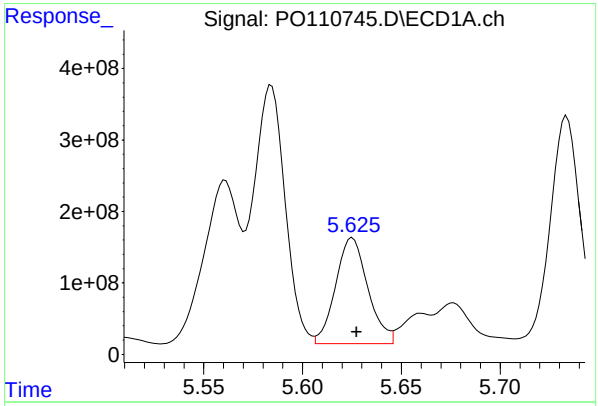
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 4009364824
Conc: 7709.86 ng/ml



#24 AR-1248-4

R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 981385912
Conc: 4818.30 ng/ml m



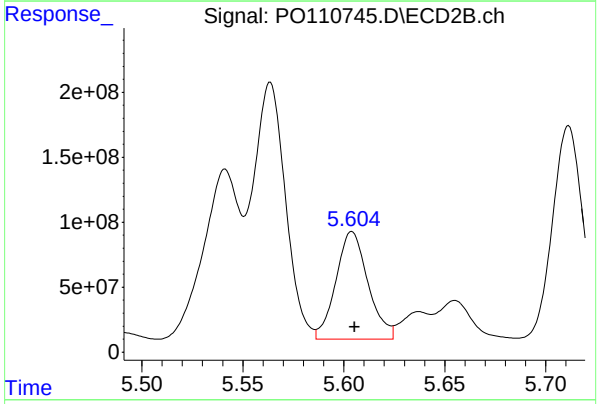
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 mi
Response: 1684123918
Conc: 4558.76 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

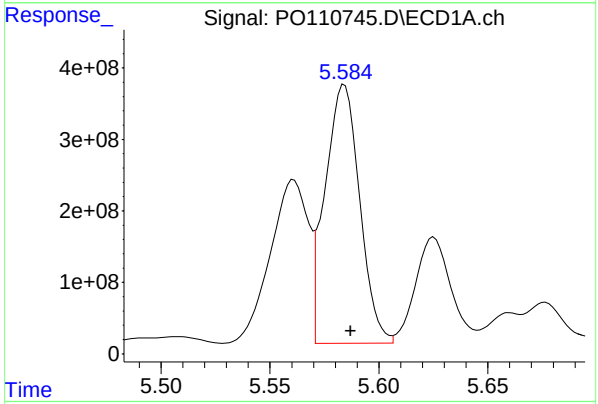
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



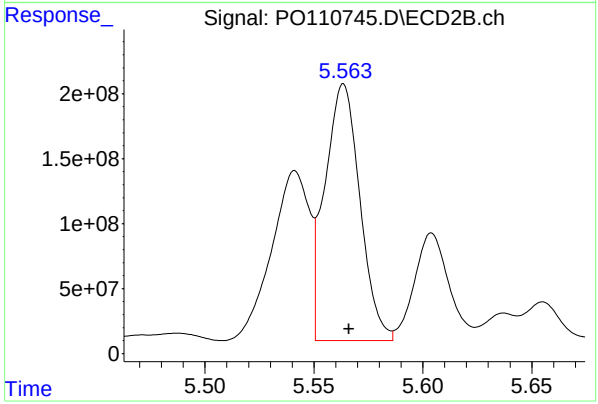
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 917130090
Conc: 4646.15 ng/ml



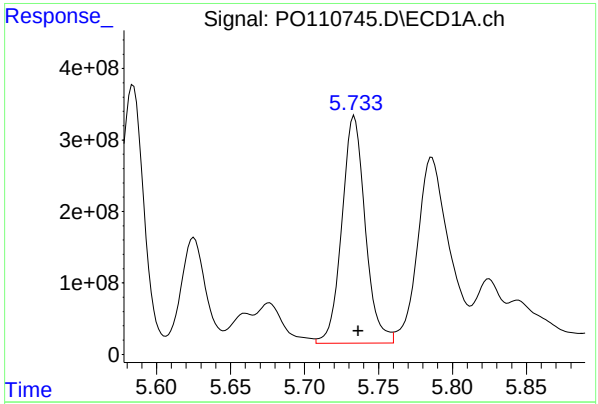
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 4009364824
Conc: 7185.38 ng/ml



#26 AR-1254-1

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 2211035222
Conc: 7333.47 ng/ml



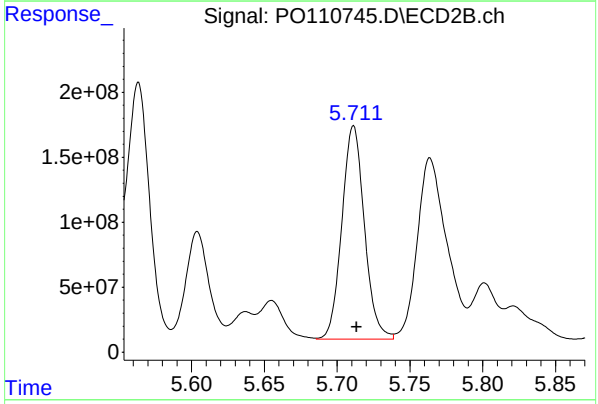
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.003 mi
Response: 3496695376
Conc: 7199.25 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

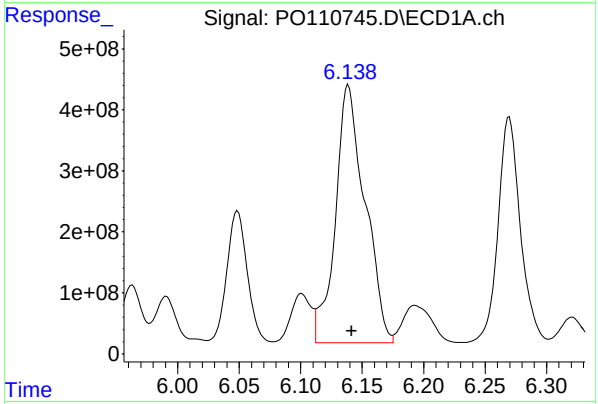
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



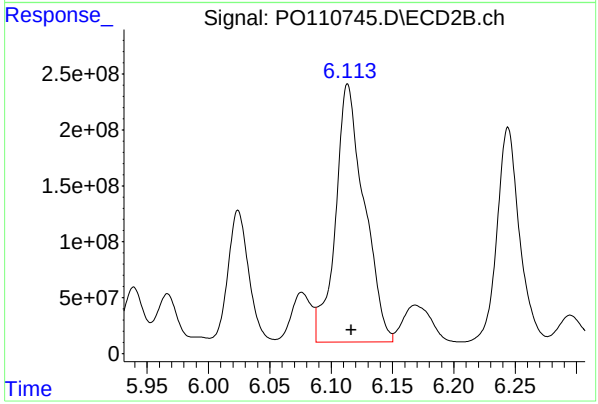
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 1771305398
Conc: 6692.12 ng/ml



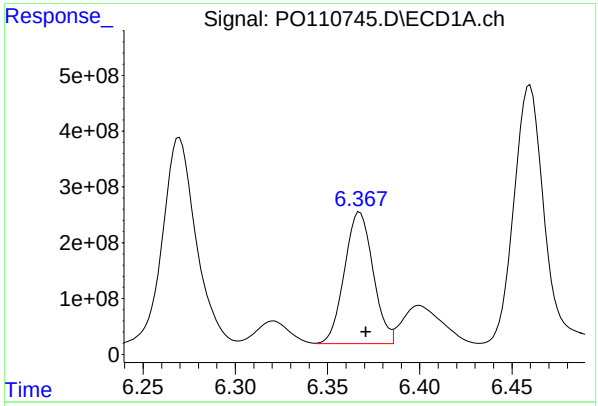
#28 AR-1254-3

R.T.: 6.139 min
Delta R.T.: -0.003 min
Response: 7052879661
Conc: 9004.96 ng/ml



#28 AR-1254-3

R.T.: 6.114 min
Delta R.T.: -0.003 min
Response: 3746973091
Conc: 9288.11 ng/ml



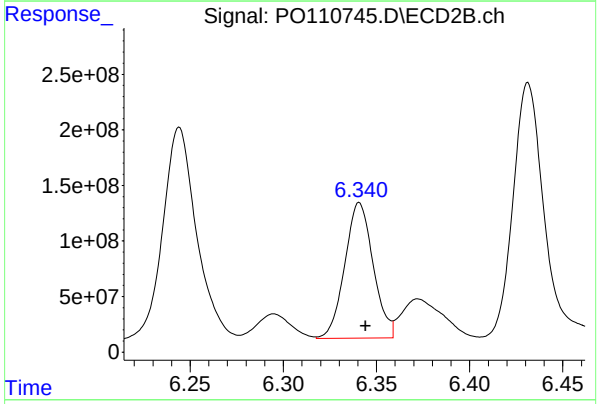
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.003 min
Response: 2537252882
Conc: 5203.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

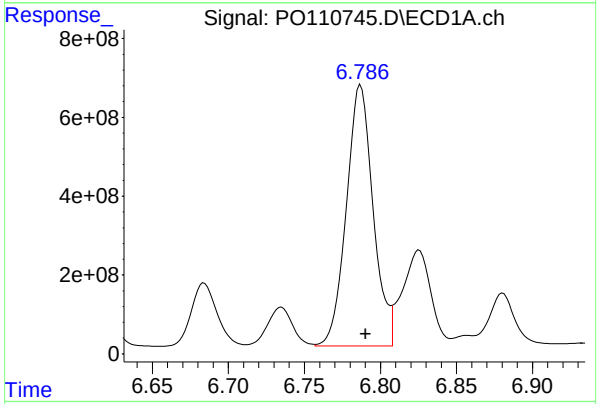
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



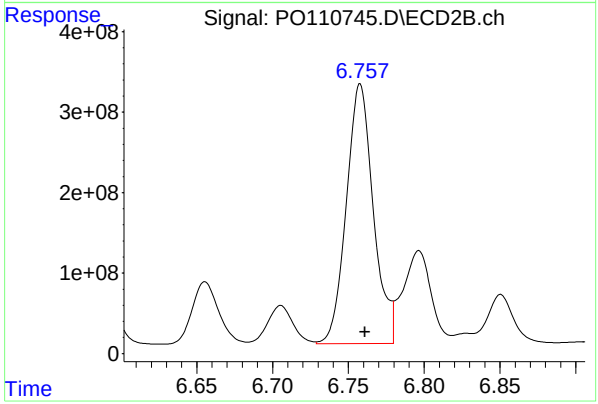
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 1298363615
Conc: 5652.11 ng/ml



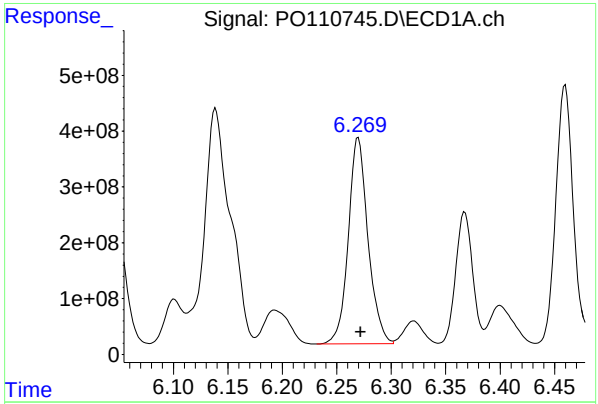
#30 AR-1254-5

R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 8111420391
Conc: 11572.87 ng/ml



#30 AR-1254-5

R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 3992893795
Conc: 12016.23 ng/ml



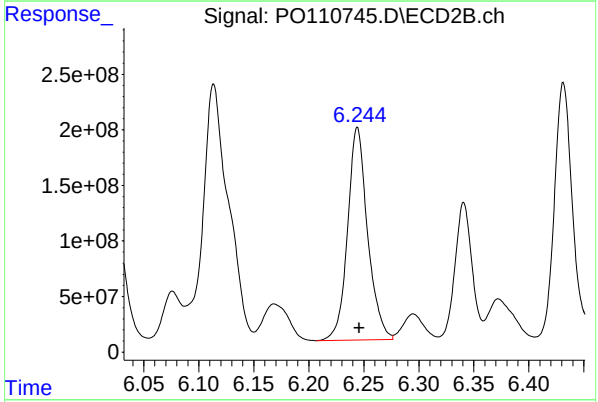
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 4653249713
Conc: 9849.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

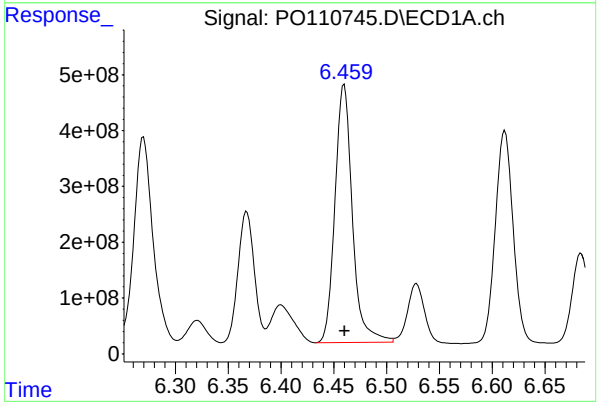
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



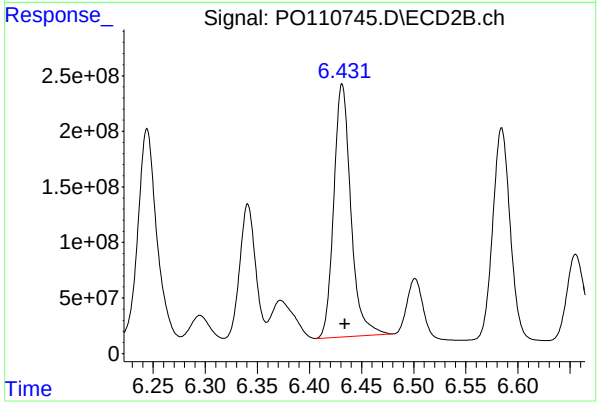
#31 AR-1260-1

R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 2423420448
Conc: 9852.76 ng/ml



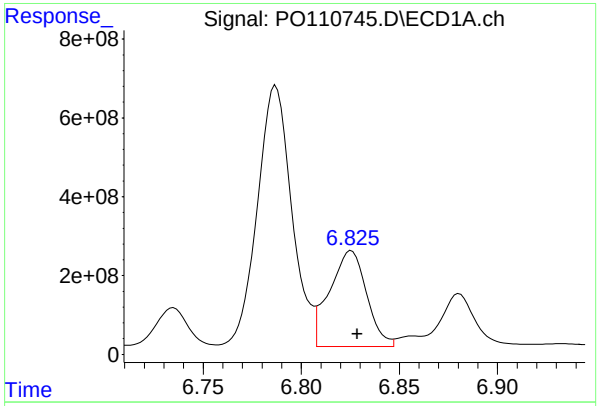
#32 AR-1260-2

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 5315732011
Conc: 9064.65 ng/ml



#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 2595740117
Conc: 8897.11 ng/ml



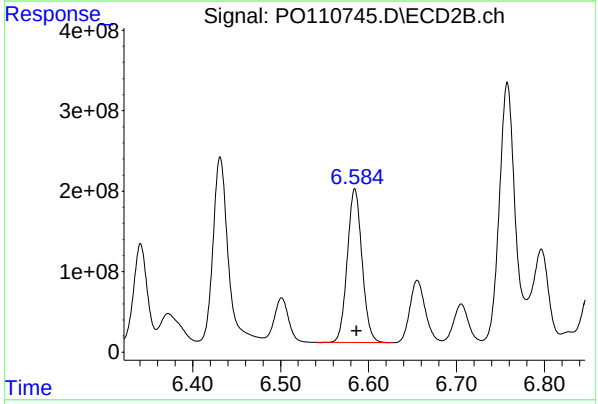
#33 AR-1260-3

R.T.: 6.826 min
Delta R.T.: -0.003 min
Response: 3195612544
Conc: 6483.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

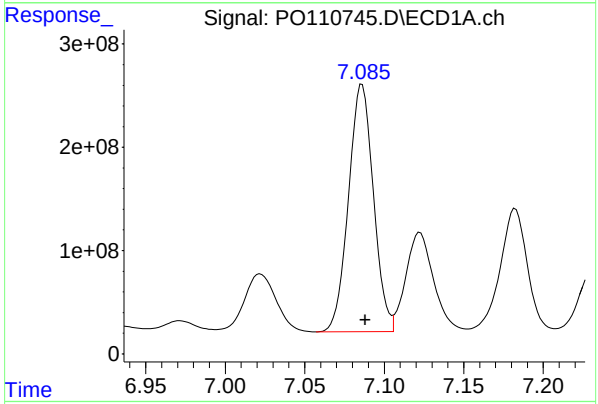
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



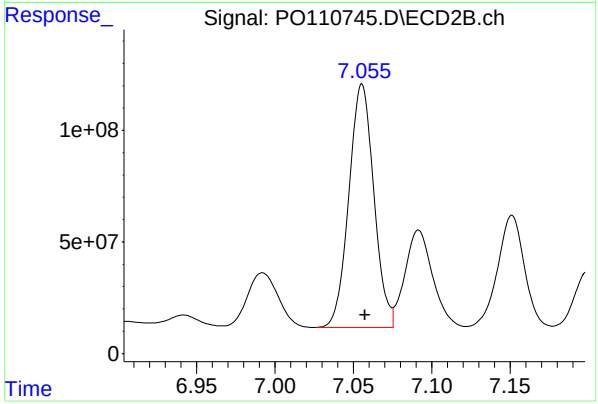
#33 AR-1260-3

R.T.: 6.584 min
Delta R.T.: -0.002 min
Response: 2231199464
Conc: 8236.73 ng/ml



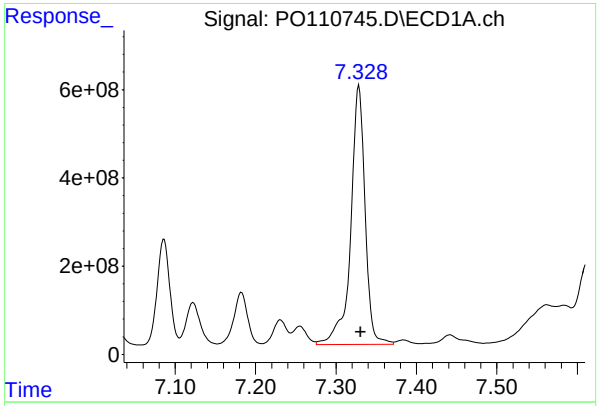
#34 AR-1260-4

R.T.: 7.086 min
Delta R.T.: -0.002 min
Response: 2611932504
Conc: 6154.08 ng/ml



#34 AR-1260-4

R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 1208439785
Conc: 6022.92 ng/ml



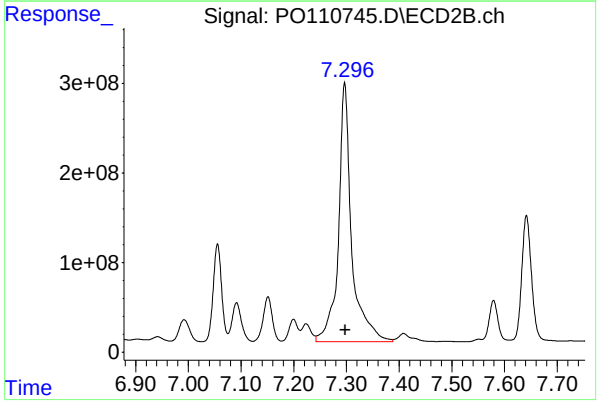
#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: -0.002 mi
Response: 7296416209
Conc: 6992.44 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 5018751501
Conc: 10937.49 ng/ml

Raw Data: **PO110797.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS030-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-36DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.7 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110797.D	20	04/25/25 08:20	04/28/25 13:24	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	94.2	UD	94.2	405	ug/kg
11104-28-2	Aroclor-1221	96.1	UD	96.1	405	ug/kg
11141-16-5	Aroclor-1232	88.7	UD	88.7	405	ug/kg
53469-21-9	Aroclor-1242	95.6	UD	95.6	405	ug/kg
12672-29-6	Aroclor-1248	2800	D	141	405	ug/kg
11097-69-1	Aroclor-1254	4100	D	76.5	405	ug/kg
37324-23-5	Aroclor-1262	120	UD	120	405	ug/kg
11100-14-4	Aroclor-1268	85.8	UD	85.8	405	ug/kg
11096-82-5	Aroclor-1260	3900	D	77.0	405	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.8		32 - 144	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.4		32 - 175	122%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110797.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 13:24
Operator : YP/AJ
Sample : Q1860-36DL 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.682	7339033	3984915	0.839	0.799
2)	SA Decachlor...	8.724	8.673	5704985	2351324	0.723	1.221 #
	Target Compounds						
21)	L5 AR-1248-1	4.773	4.759	57220506	27040890	268.847	234.869
22)	L5 AR-1248-2	5.013	4.998	97973155	52544870	331.074	322.594
23)	L5 AR-1248-3	5.228	5.039	126.1E6	46086853	340.959	262.071
24)	L5 AR-1248-4	5.582	5.210	264.2E6	62562153	508.083	307.161m#
25)	L5 AR-1248-5	5.623	5.601	117.9E6	55000107	319.058	278.629
26)	L6 AR-1254-1	5.582	5.561	264.2E6	129.7E6	473.520	430.022
27)	L6 AR-1254-2	5.731	5.709	243.2E6	107.8E6	500.761	407.406
28)	L6 AR-1254-3	6.137	6.111	447.3E6	212.7E6	571.046	527.199
29)	L6 AR-1254-4	6.366	6.338	167.1E6	72666753	342.762	316.337
30)	L6 AR-1254-5	6.784	6.755	472.2E6	208.0E6	673.656	625.890
31)	L7 AR-1260-1	6.268	6.241	302.0E6	140.6E6	639.165	571.784
32)	L7 AR-1260-2	6.457	6.429	347.4E6	151.9E6	592.331	520.658
33)	L7 AR-1260-3	6.823	6.581	211.0E6	127.0E6	428.068	468.799
34)	L7 AR-1260-4	7.083	7.052	165.5E6	72150004	390.047	359.599
35)	L7 AR-1260-5	7.325	7.293	432.0E6	213.5E6	414.044	465.262

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PO110797.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 13:24
Operator : YP/AJ
Sample : Q1860-36DL 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

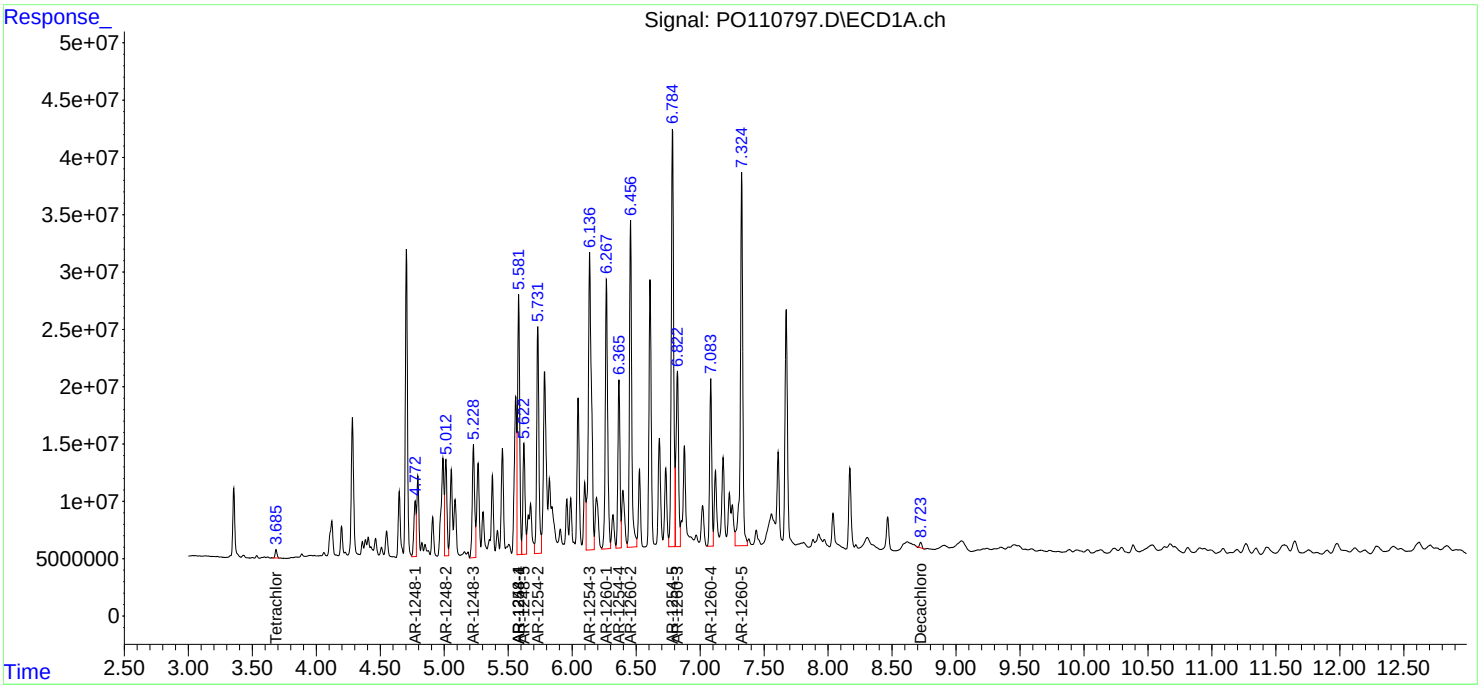
Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

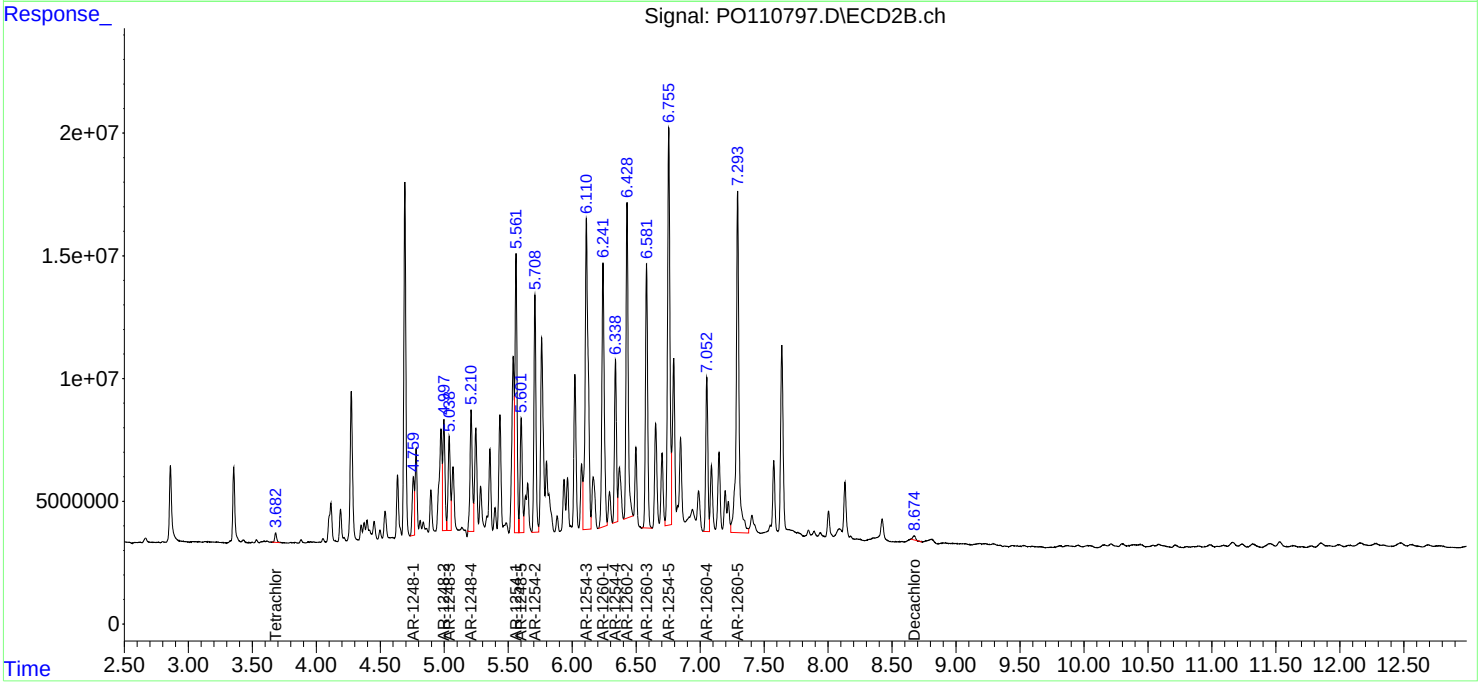
Manual Integrations APPROVED

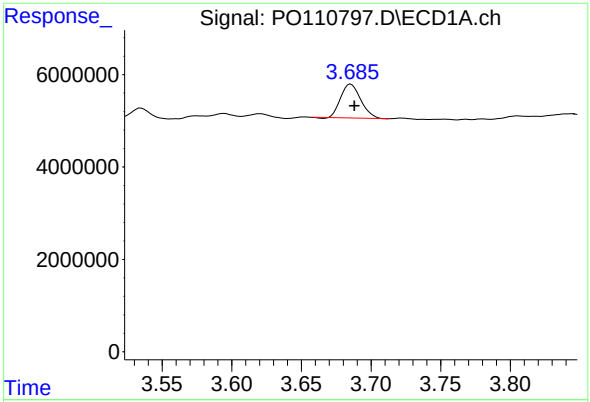
Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







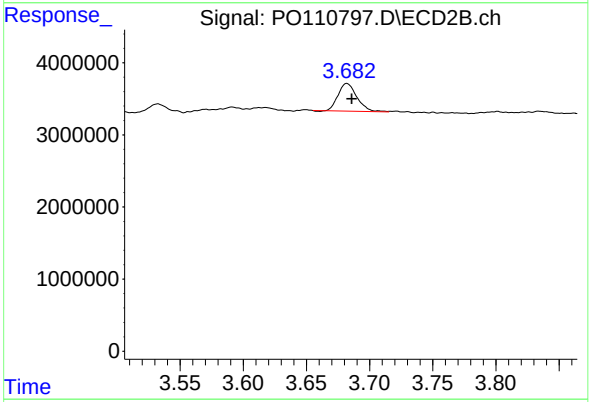
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 7339033
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

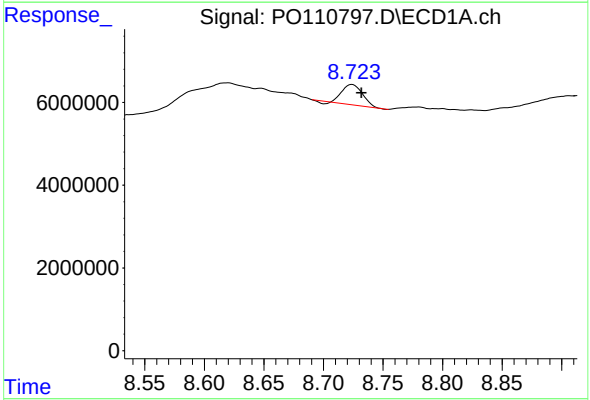
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



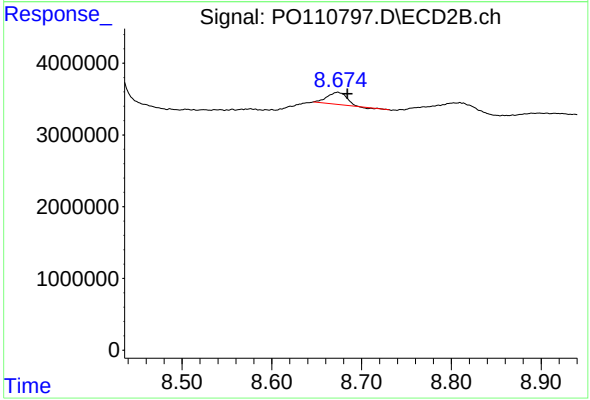
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 3984915
Conc: 0.80 ng/ml



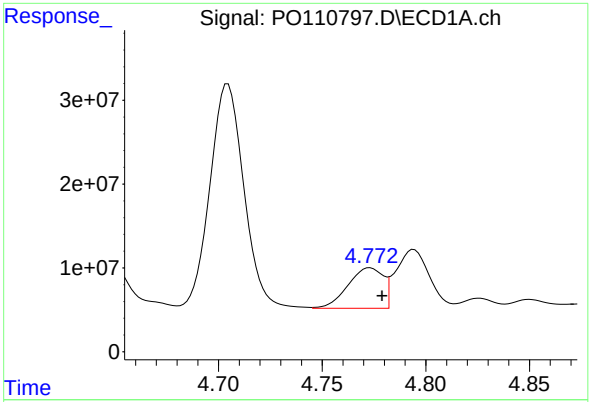
#2 Decachlorobiphenyl

R.T.: 8.724 min
Delta R.T.: -0.008 min
Response: 5704985
Conc: 0.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.673 min
Delta R.T.: -0.011 min
Response: 2351324
Conc: 1.22 ng/ml



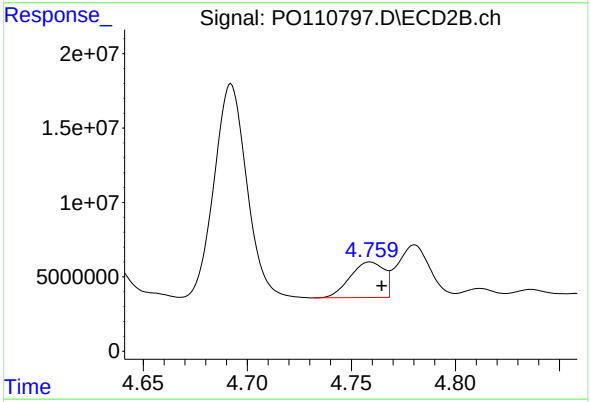
#21 AR-1248-1

R.T.: 4.773 min
Delta R.T.: -0.006 min
Response: 57220506
Conc: 268.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

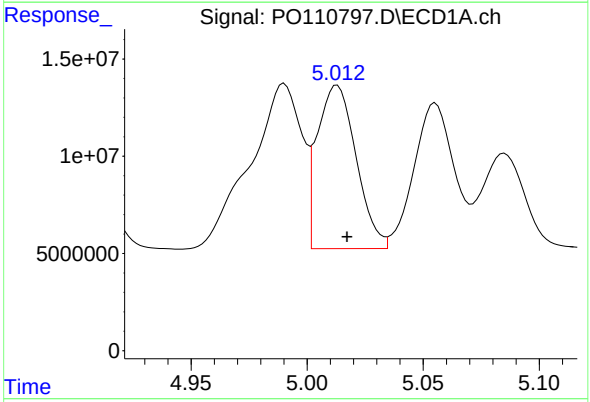
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



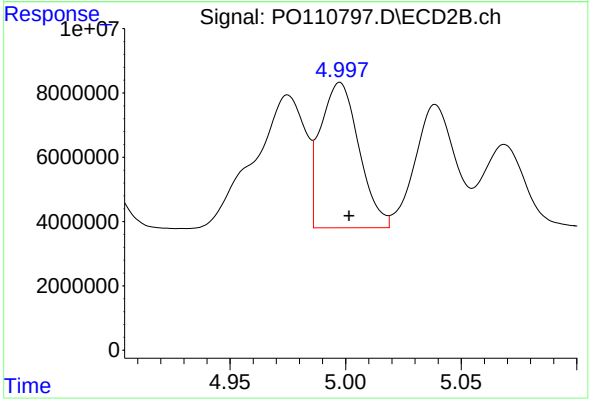
#21 AR-1248-1

R.T.: 4.759 min
Delta R.T.: -0.006 min
Response: 27040890
Conc: 234.87 ng/ml



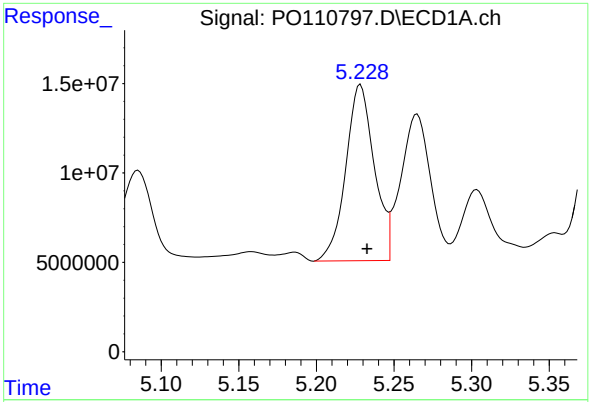
#22 AR-1248-2

R.T.: 5.013 min
Delta R.T.: -0.004 min
Response: 97973155
Conc: 331.07 ng/ml



#22 AR-1248-2

R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 52544870
Conc: 322.59 ng/ml



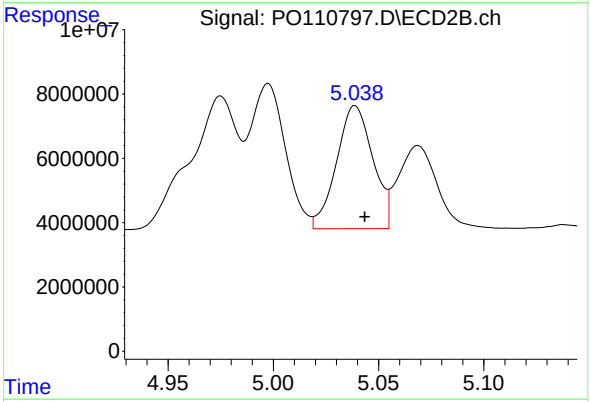
#23 AR-1248-3

R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 126141728
Conc: 340.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

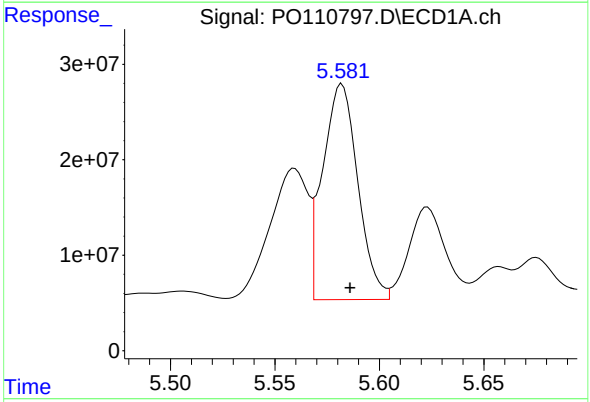
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



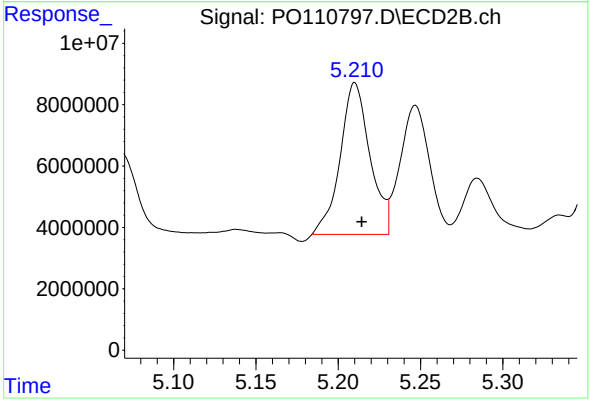
#23 AR-1248-3

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 46086853
Conc: 262.07 ng/ml



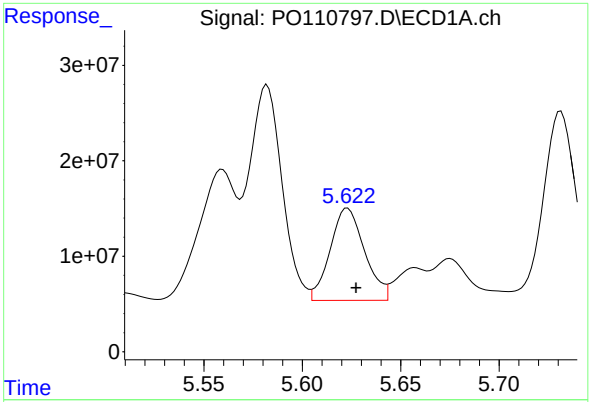
#24 AR-1248-4

R.T.: 5.582 min
Delta R.T.: -0.004 min
Response: 264219060
Conc: 508.08 ng/ml



#24 AR-1248-4

R.T.: 5.210 min
Delta R.T.: -0.005 min
Response: 62562153
Conc: 307.16 ng/ml m



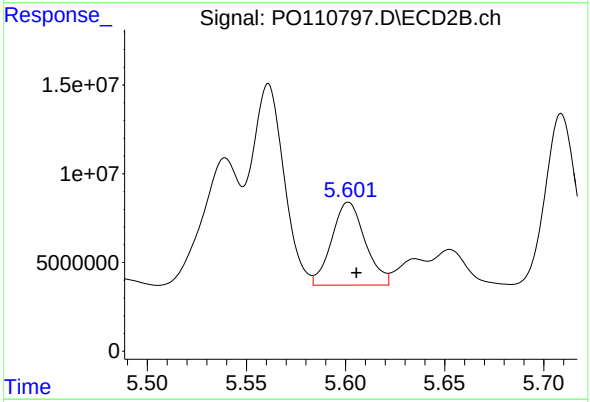
#25 AR-1248-5

R.T.: 5.623 min
Delta R.T.: -0.004 min
Response: 117868403
Conc: 319.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

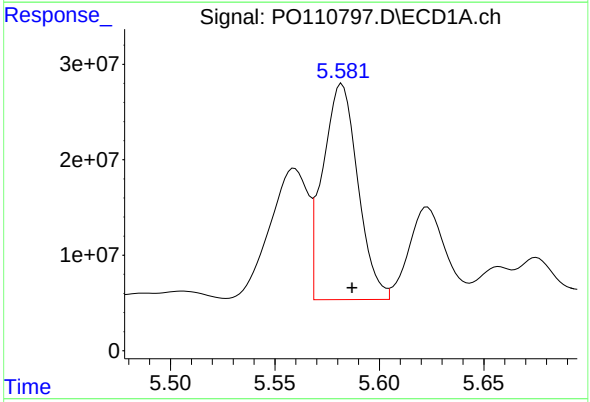
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



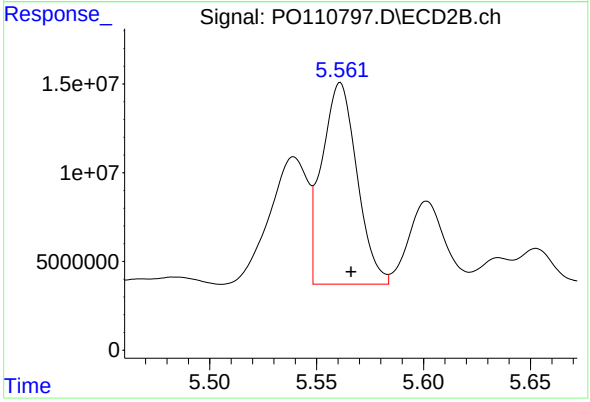
#25 AR-1248-5

R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 55000107
Conc: 278.63 ng/ml



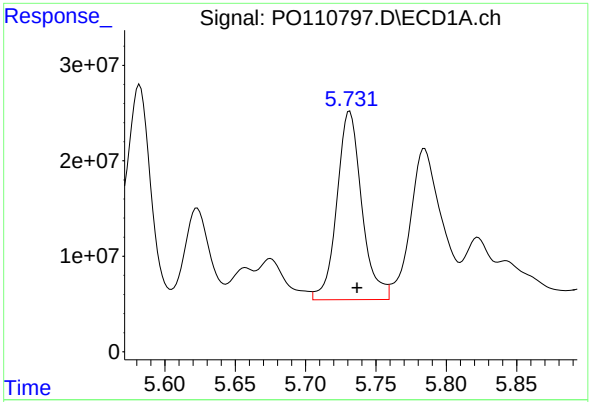
#26 AR-1254-1

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 264219060
Conc: 473.52 ng/ml



#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 129651249
Conc: 430.02 ng/ml



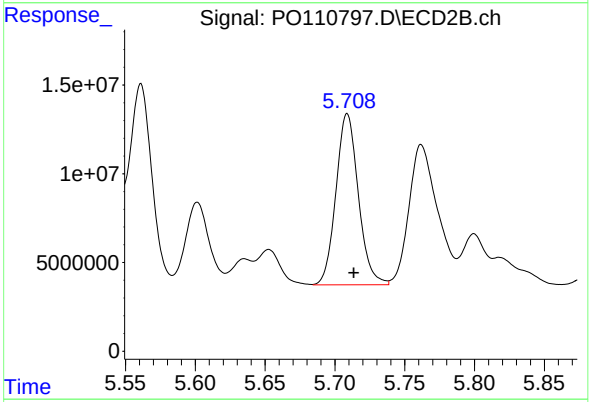
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.005 min
Response: 243220737
Conc: 500.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

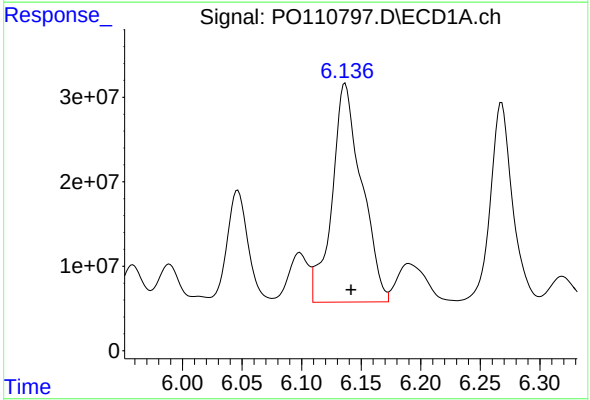
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



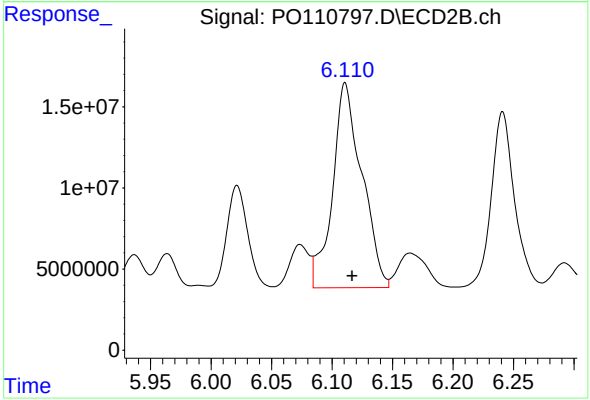
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 107834409
Conc: 407.41 ng/ml



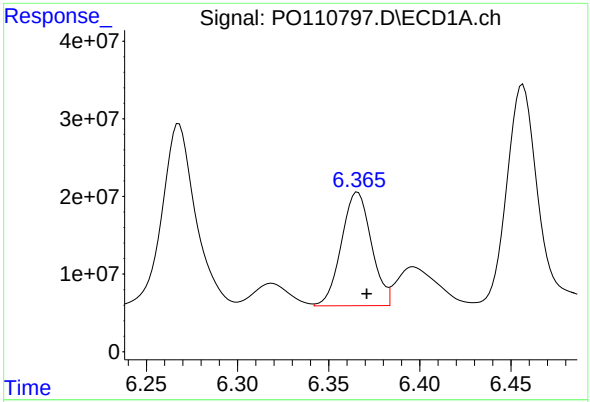
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 447255524
Conc: 571.05 ng/ml



#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 212680477
Conc: 527.20 ng/ml



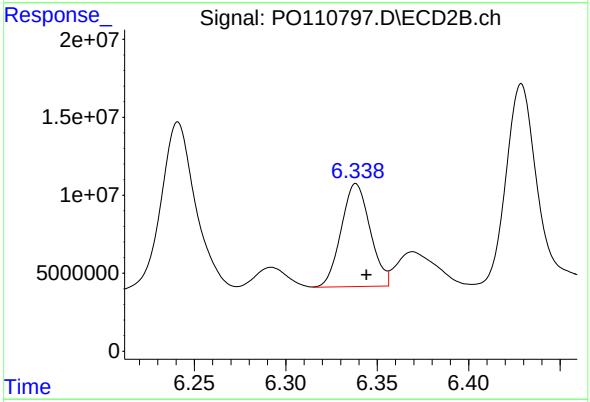
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 167132389
Conc: 342.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

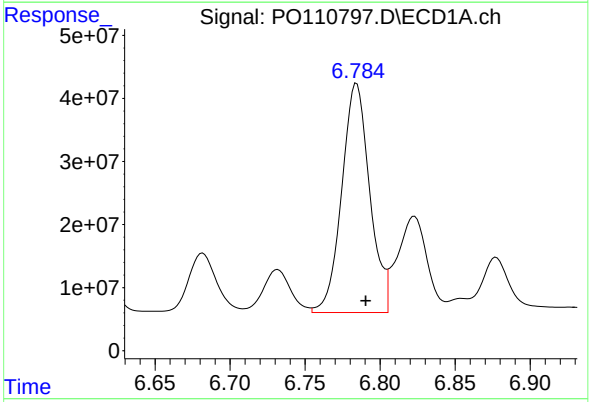
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



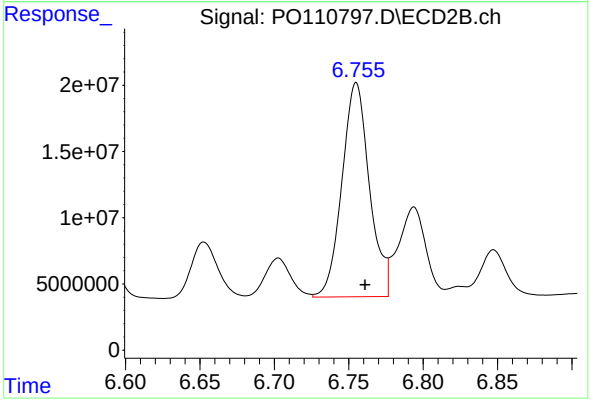
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 72666753
Conc: 316.34 ng/ml



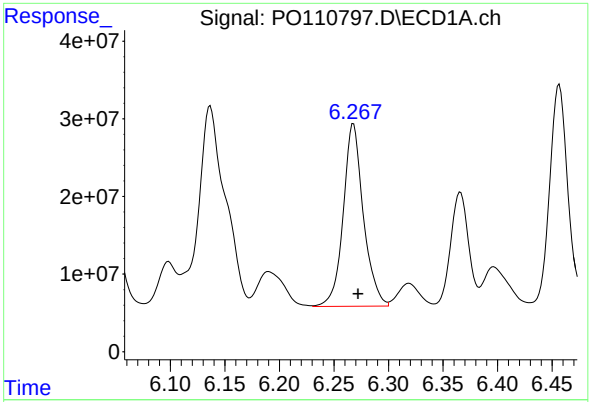
#30 AR-1254-5

R.T.: 6.784 min
Delta R.T.: -0.006 min
Response: 472165244
Conc: 673.66 ng/ml



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 207978172
Conc: 625.89 ng/ml



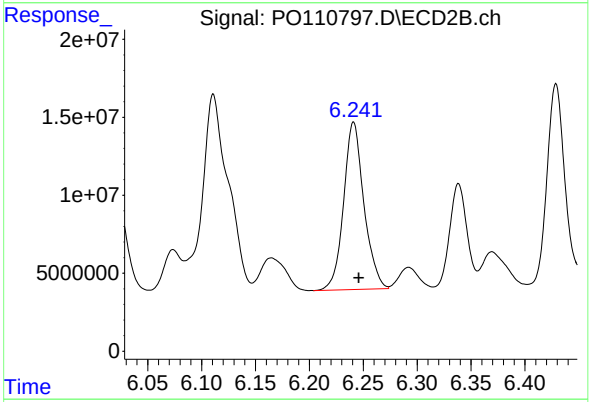
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 301970521
Conc: 639.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

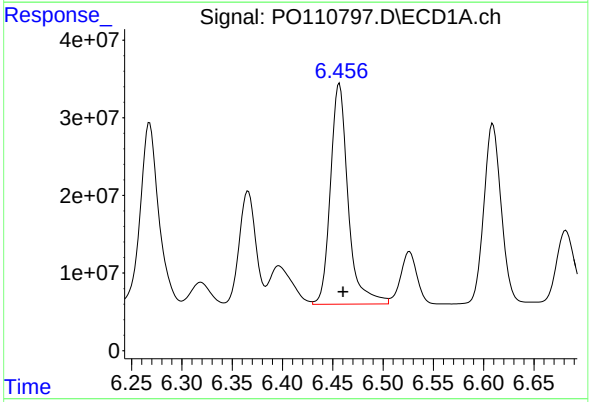
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



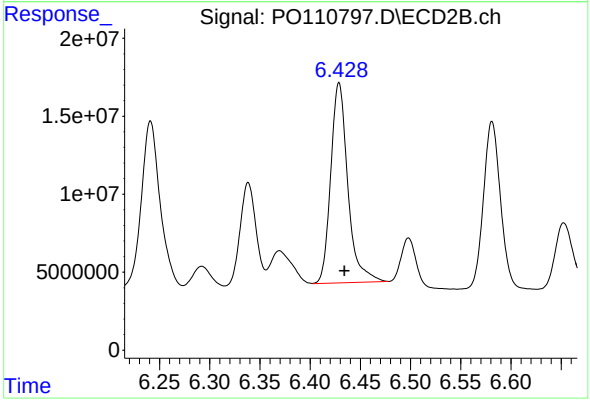
#31 AR-1260-1

R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 140637967
Conc: 571.78 ng/ml



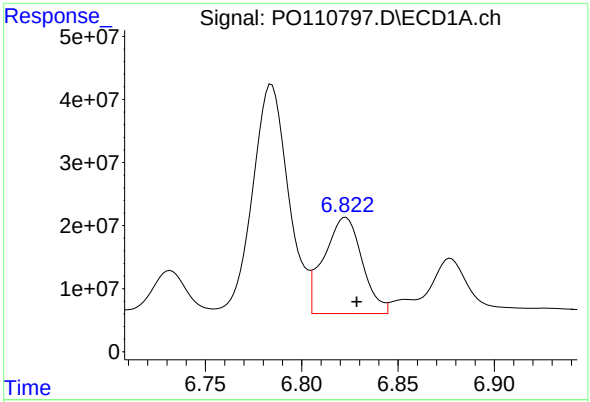
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.004 min
Response: 347357611
Conc: 592.33 ng/ml



#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 151902513
Conc: 520.66 ng/ml



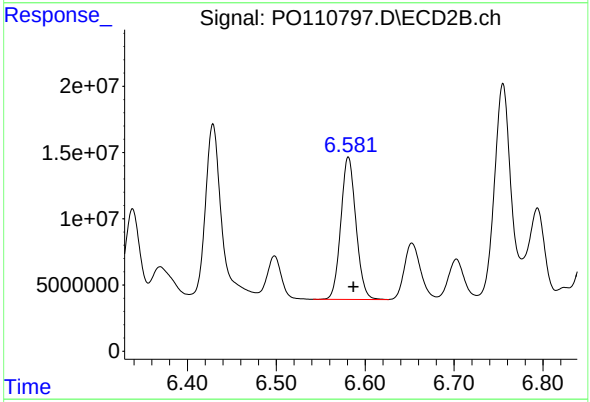
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: -0.006 min
Response: 210982884
Conc: 428.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

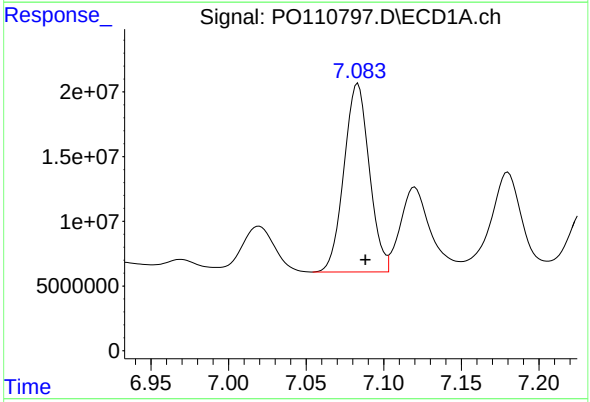
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



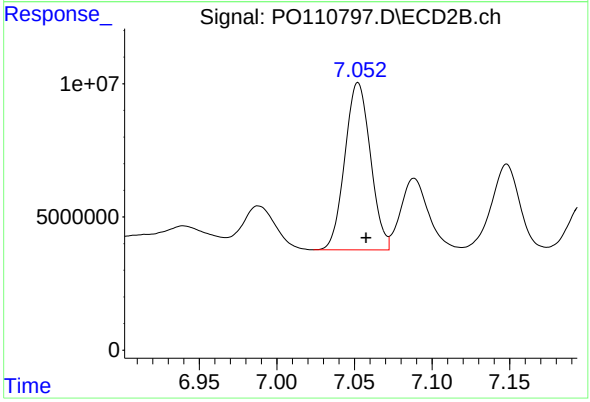
#33 AR-1260-3

R.T.: 6.581 min
Delta R.T.: -0.006 min
Response: 126990320
Conc: 468.80 ng/ml



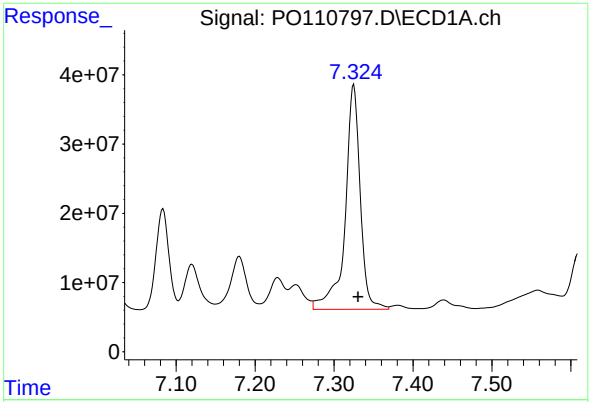
#34 AR-1260-4

R.T.: 7.083 min
Delta R.T.: -0.005 min
Response: 165544723
Conc: 390.05 ng/ml



#34 AR-1260-4

R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 72150004
Conc: 359.60 ng/ml



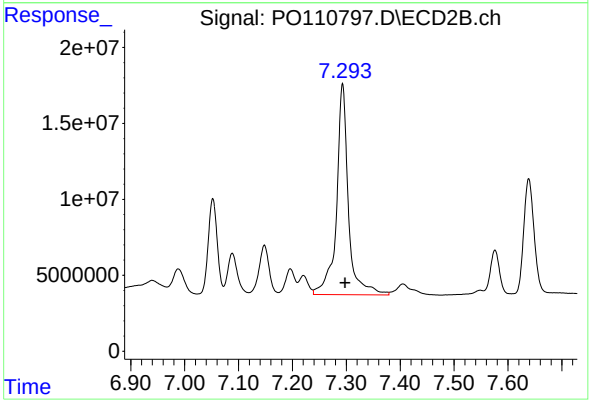
#35 AR-1260-5

R.T.: 7.325 min
Delta R.T.: -0.005 min
Response: 432042983
Conc: 414.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS030-01DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 213489240
Conc: 465.26 ng/ml

Raw Data: **PO110746.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS031-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-37	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.9 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110746.D	1	04/25/25 08:20	04/25/25 19:58	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	19.1	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.1	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.1	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.1	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	19.1	ug/kg
11097-69-1	Aroclor-1254	7700	E	3.60	19.1	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	19.1	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	19.1	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	27.3		32 - 175	137%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110746.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110746.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 19:58
Operator : YP/AJ
Sample : Q1860-37
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 11:27:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	164.8E6	94259885	18.840m	18.891m
2)	SA Decachlor...	8.726	8.675	215.7E6	44150762	27.319m	22.936m
	Target Compounds						
26)	L6 AR-1254-1	5.584	5.563	10285.3E6	5630.5E6	18432.769	18674.991
27)	L6 AR-1254-2	5.734	5.711	8739.9E6	4628.3E6	17994.299	17486.182
28)	L6 AR-1254-3	6.138	6.114	15535.8E6	9198.9E6	19835.742	22802.563
29)	L6 AR-1254-4	6.368	6.342	8740.2E6	4425.4E6	17924.764	19264.844
30)	L6 AR-1254-5	6.788	6.758	15435.5E6	8398.8E6	22022.333	25275.524

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110746.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 19:58
Operator : YP/AJ
Sample : Q1860-37
Misc :
ALS Vial : 23 Sample Multiplier: 1

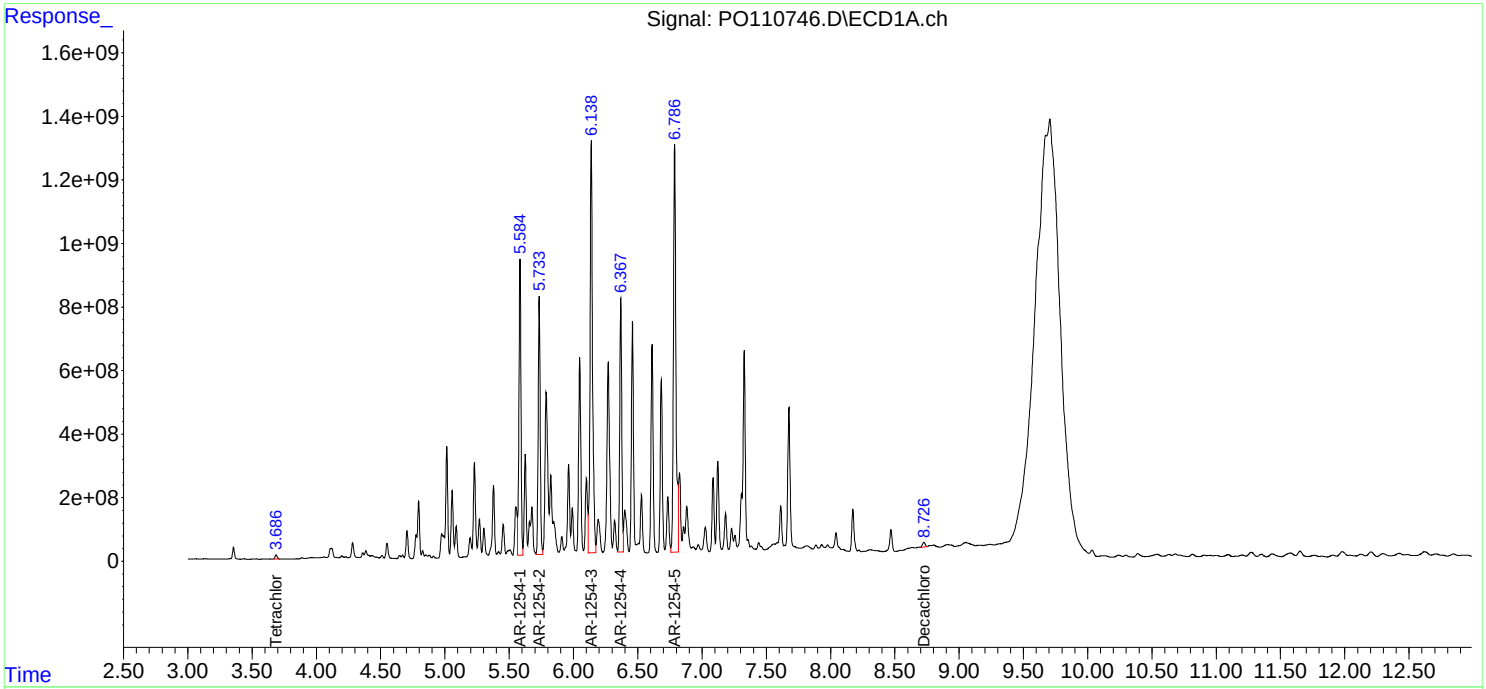
Instrument :
ECD_O
ClientSampleId :
P001-SS031-01

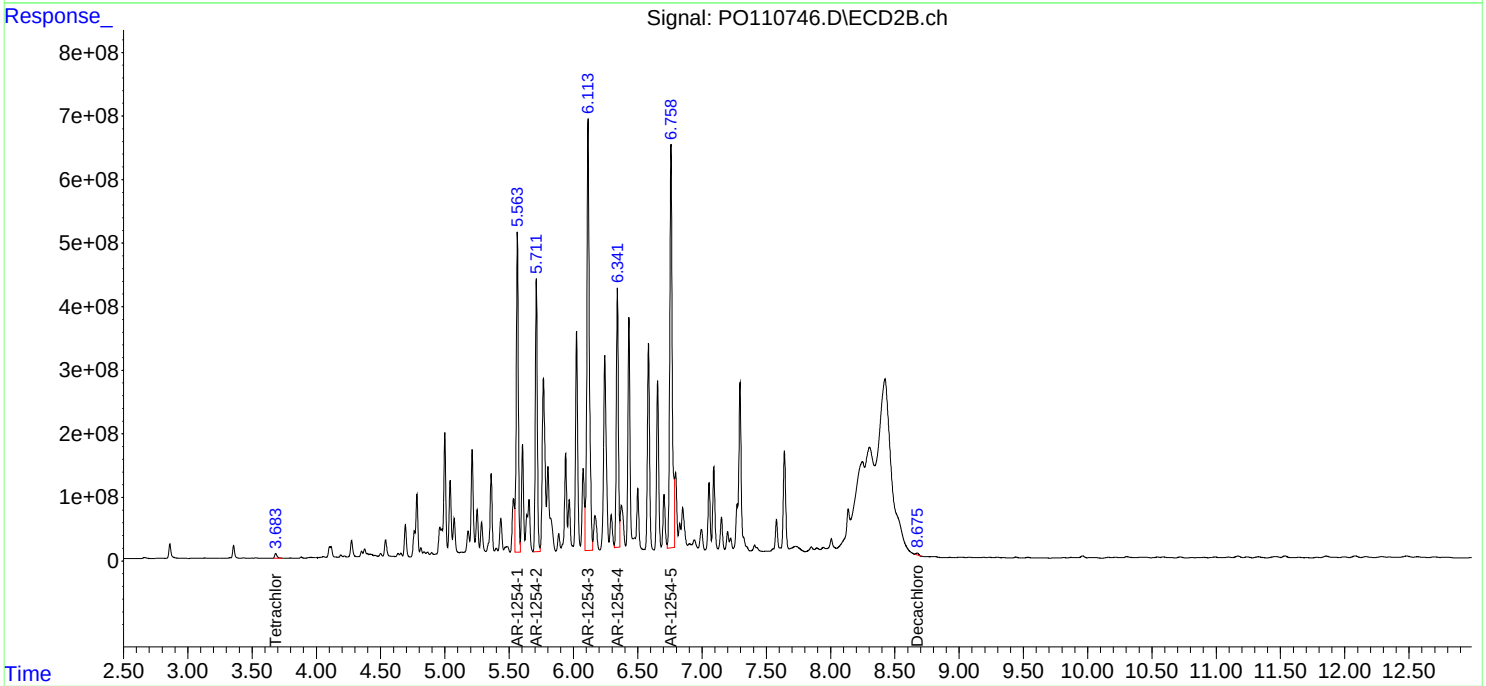
Manual Integrations APPROVED

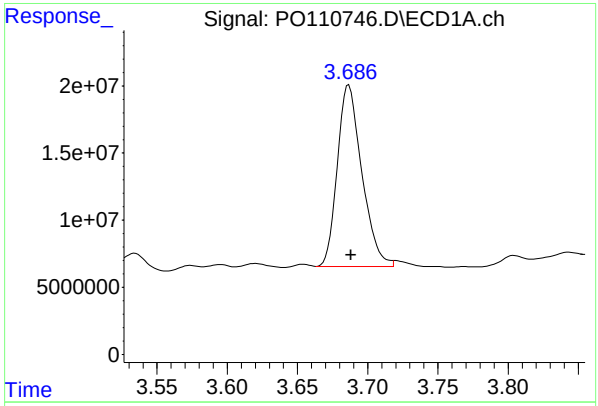
Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 11:27:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







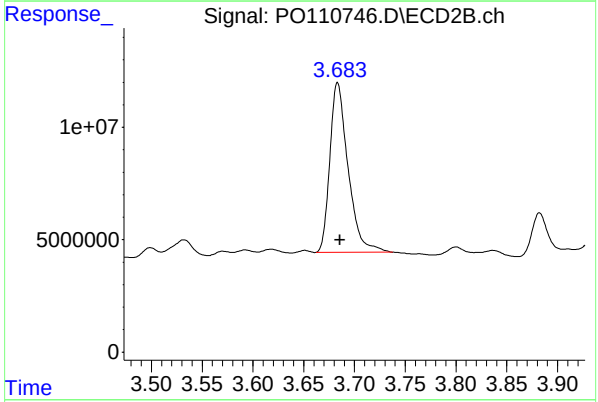
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 164835922
Conc: 18.84 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01

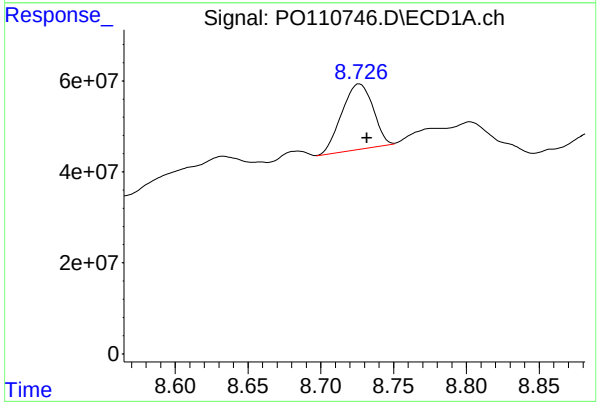
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



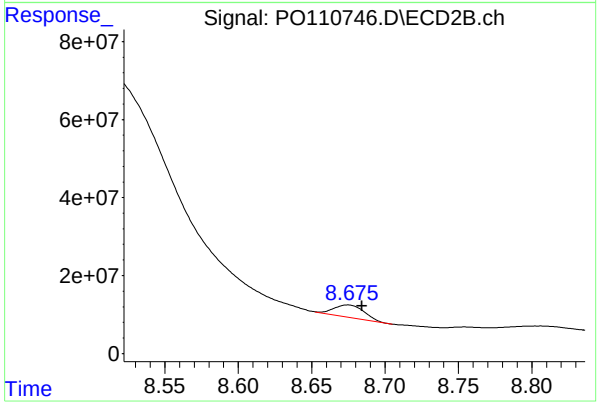
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 94259885
Conc: 18.89 ng/ml m



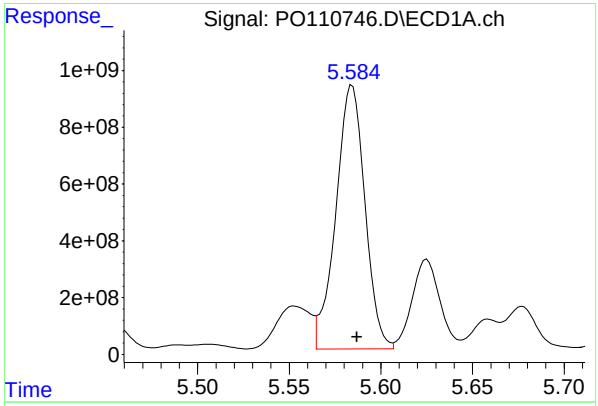
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.006 min
Response: 215682980
Conc: 27.32 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.009 min
Response: 44150762
Conc: 22.94 ng/ml m



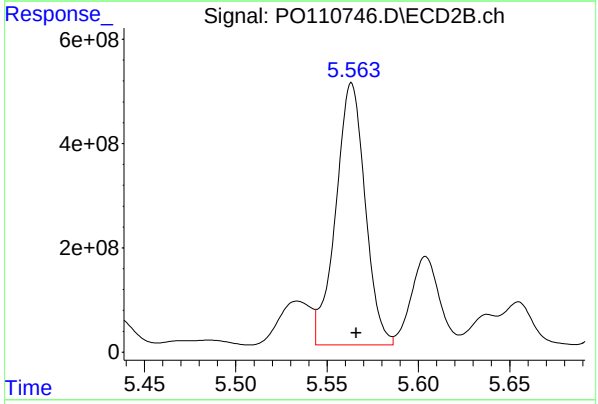
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 10285283870
Conc: 18432.77 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01

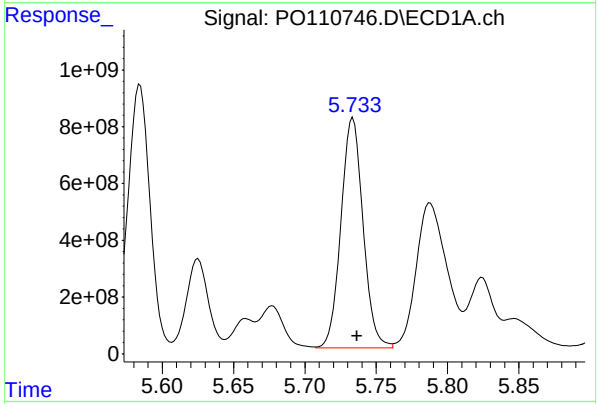
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



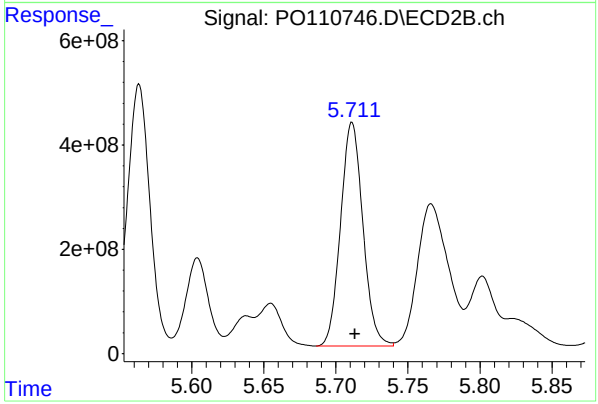
#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 5630493380
Conc: 18674.99 ng/ml



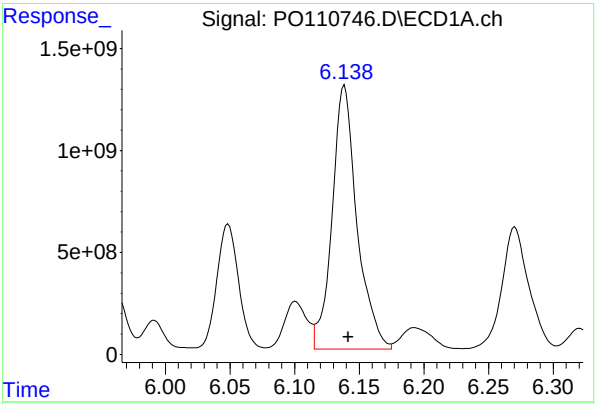
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.003 min
Response: 8739877297
Conc: 17994.30 ng/ml



#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 4628335826
Conc: 17486.18 ng/ml



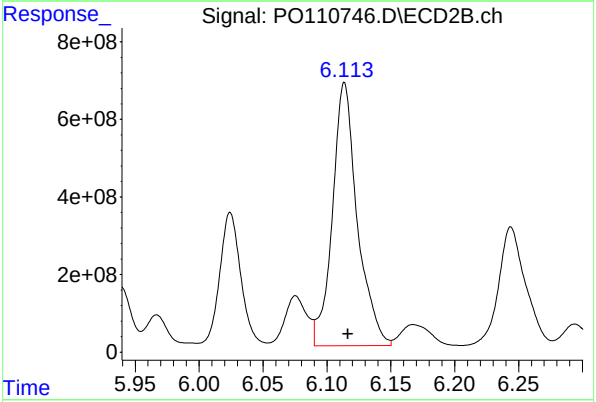
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 15535784096
Conc: 19835.74 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01

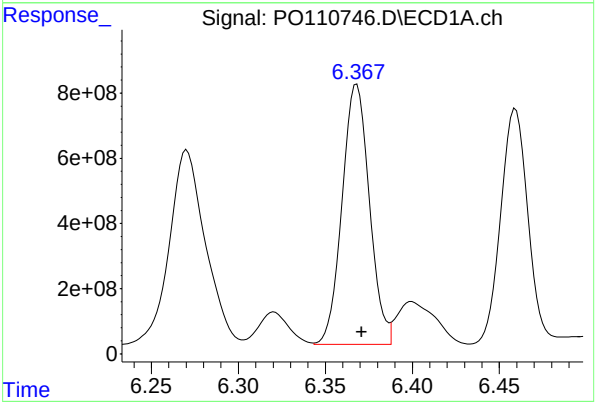
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



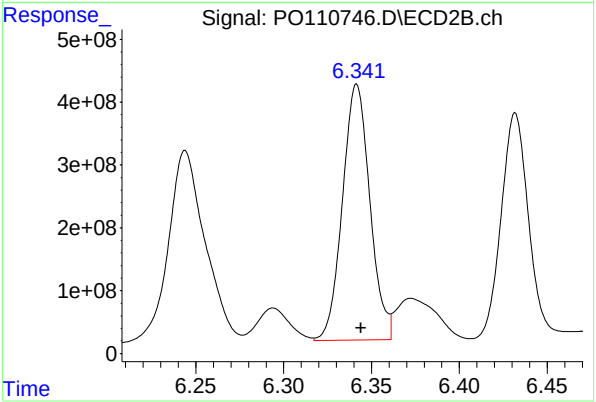
#28 AR-1254-3

R.T.: 6.114 min
Delta R.T.: -0.003 min
Response: 9198920773
Conc: 22802.56 ng/ml



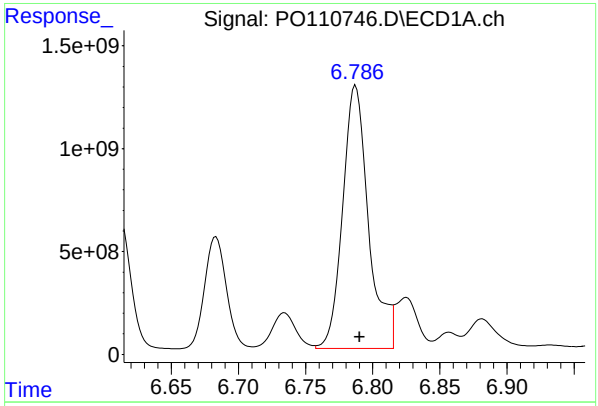
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 8740209291
Conc: 17924.76 ng/ml



#29 AR-1254-4

R.T.: 6.342 min
Delta R.T.: -0.003 min
Response: 4425382914
Conc: 19264.84 ng/ml



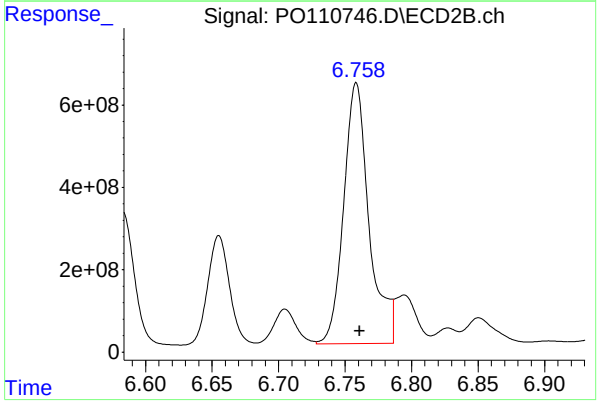
#30 AR-1254-5

R.T.: 6.788 min
Delta R.T.: -0.002 mi
Response: 15435450812
Conc: 22022.33 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



#30 AR-1254-5

R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 8398847922
Conc: 25275.52 ng/ml

Raw Data: **PO110838.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS031-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-37DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.9 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110838.D	20	04/25/25 08:20	04/29/25 05:16	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	88.6	UD	88.6	381	ug/kg
11104-28-2	Aroclor-1221	90.4	UD	90.4	381	ug/kg
11141-16-5	Aroclor-1232	83.4	UD	83.4	381	ug/kg
53469-21-9	Aroclor-1242	89.9	UD	89.9	381	ug/kg
12672-29-6	Aroclor-1248	133	UD	133	381	ug/kg
11097-69-1	Aroclor-1254	9100	ED	72.0	381	ug/kg
37324-23-5	Aroclor-1262	113	UD	113	381	ug/kg
11100-14-4	Aroclor-1268	80.7	UD	80.7	381	ug/kg
11096-82-5	Aroclor-1260	72.4	UD	72.4	381	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.8		32 - 144	124%	SPK: 20
2051-24-3	Decachlorobiphenyl	56.6	*	32 - 175	283%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 05:16
Operator : YP/AJ
Sample : Q1860-37DL 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 06:11:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.682	10875068	5850408	1.243	1.172
2)	SA Decachlor...	8.724	8.675	19478345	5447750	2.467	2.830
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.561	652.4E6	332.4E6	1169.239	1102.522
27)	L6 AR-1254-2	5.731	5.709	560.7E6	278.3E6	1154.481	1051.477
28)	L6 AR-1254-3	6.137	6.111	1060.5E6	517.8E6	1354.081	1283.553
29)	L6 AR-1254-4	6.366	6.339	542.8E6	247.9E6	1113.149	1079.222
30)	L6 AR-1254-5	6.785	6.755	927.0E6	434.2E6	1322.618	1306.769

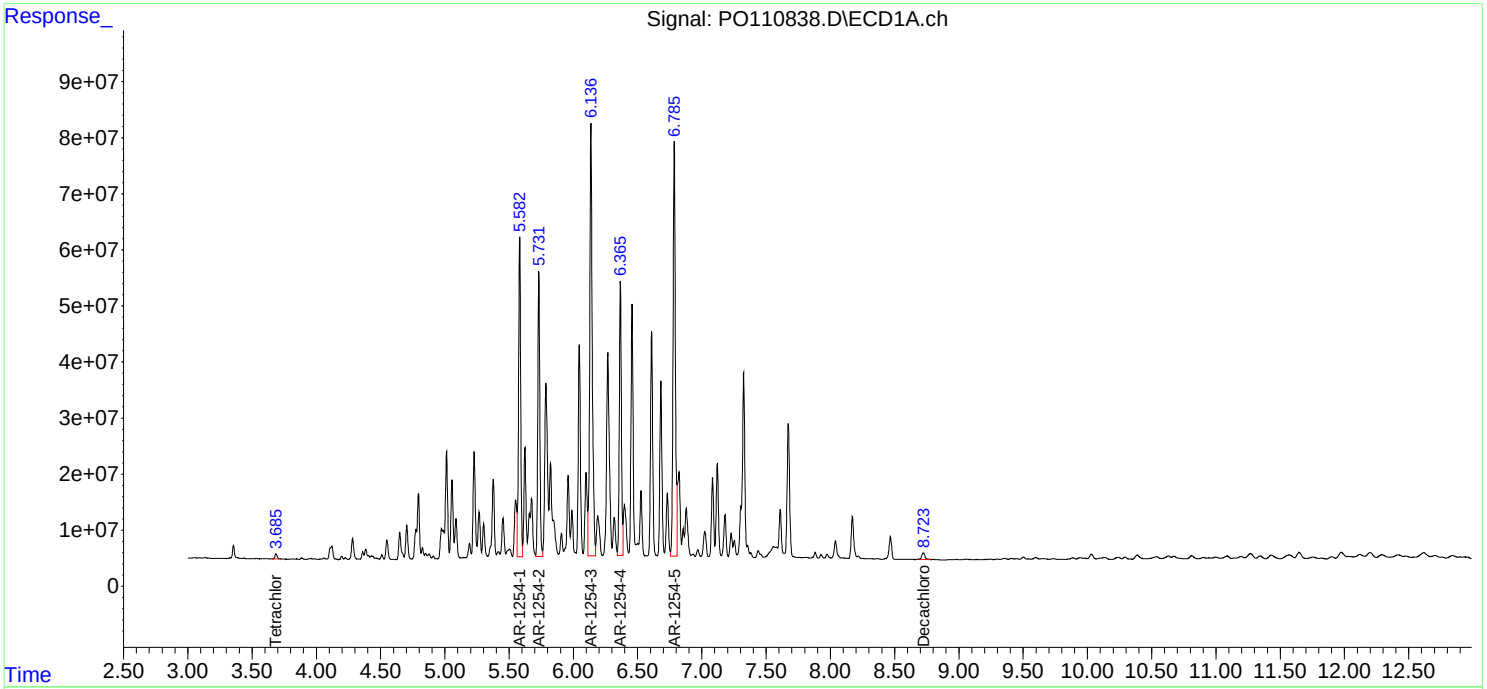
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

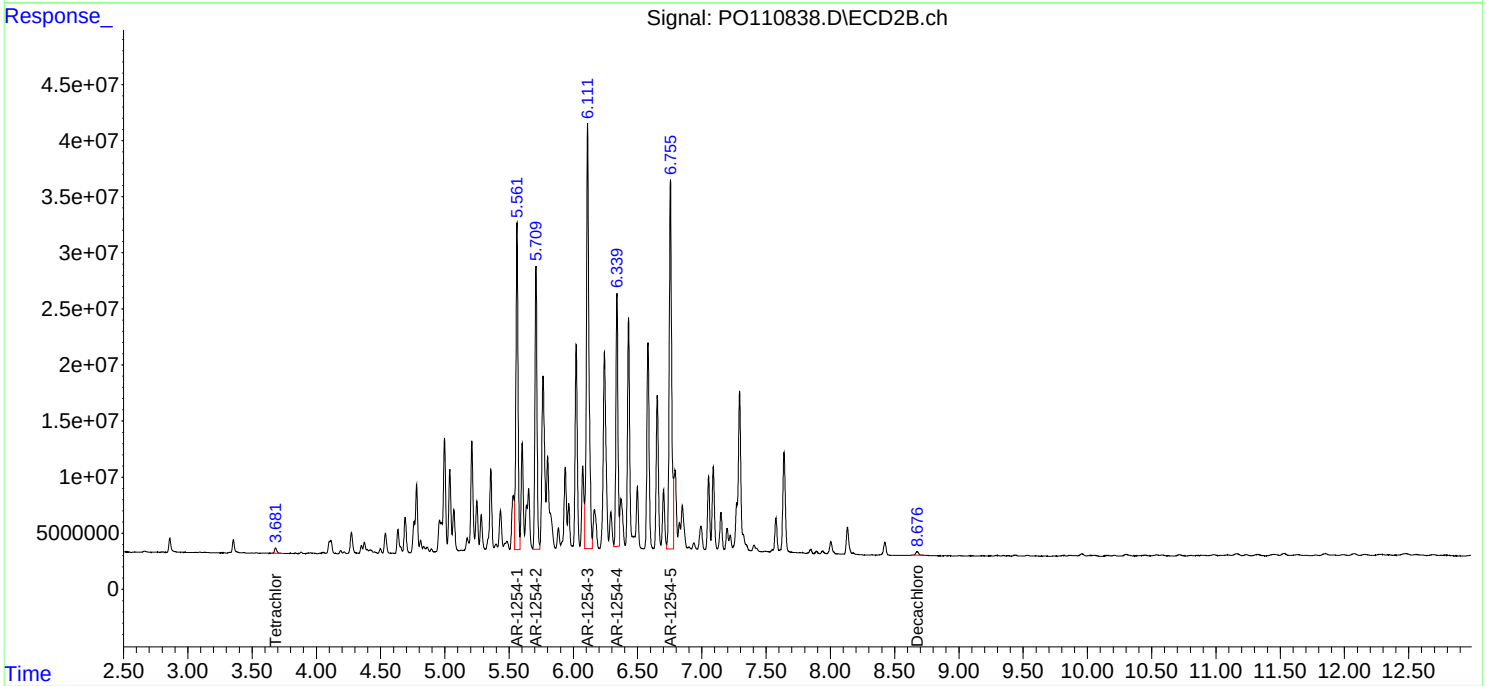
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 05:16
Operator : YP/AJ
Sample : Q1860-37DL 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

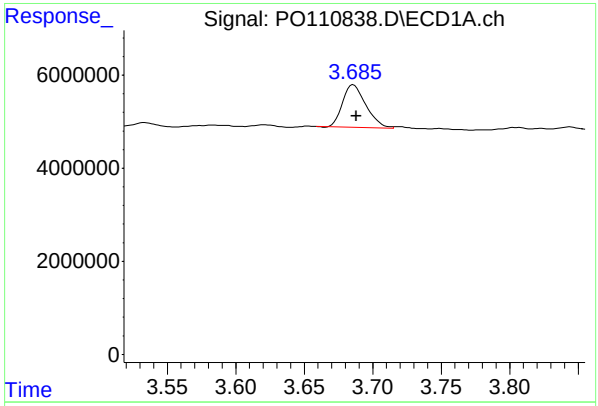
Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 06:11:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



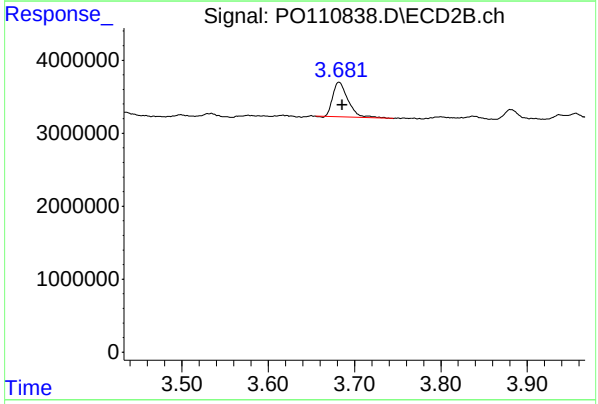




#1 Tetrachloro-m-xylene

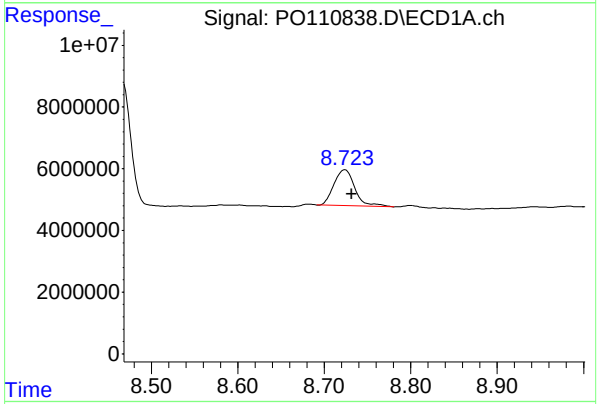
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 10875068
Conc: 1.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL



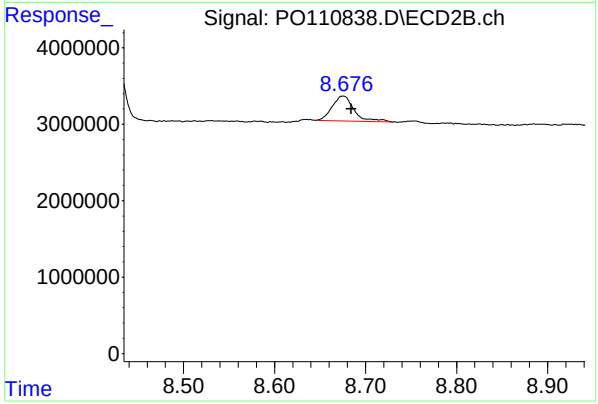
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 5850408
Conc: 1.17 ng/ml



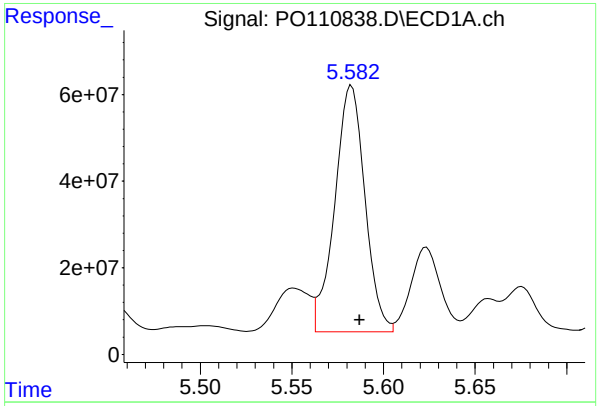
#2 Decachlorobiphenyl

R.T.: 8.724 min
Delta R.T.: -0.008 min
Response: 19478345
Conc: 2.47 ng/ml



#2 Decachlorobiphenyl

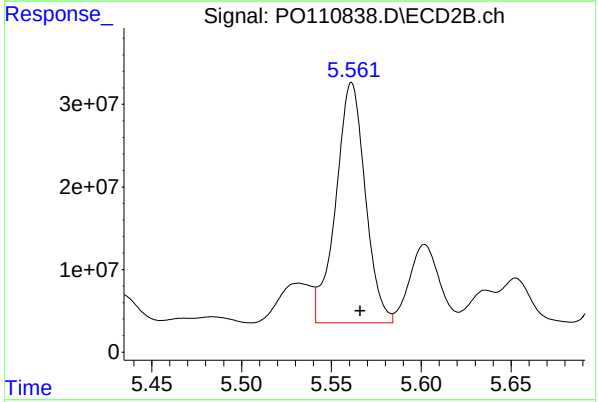
R.T.: 8.675 min
Delta R.T.: -0.009 min
Response: 5447750
Conc: 2.83 ng/ml



#26 AR-1254-1

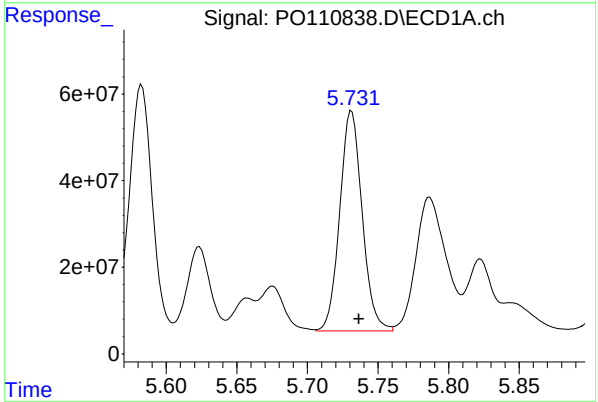
R.T.: 5.583 min
Delta R.T.: -0.004 mi
Response: 652422579
Conc: 1169.24 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL



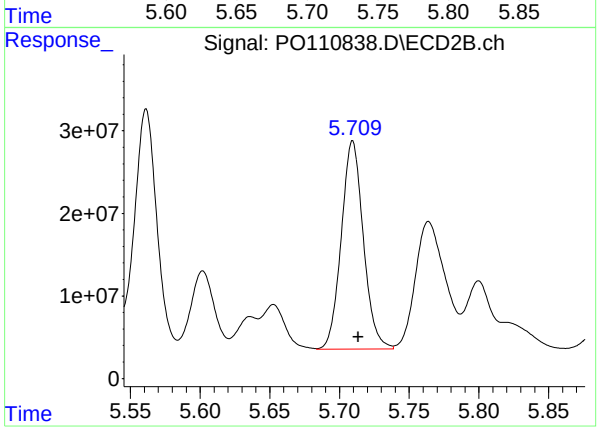
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 332409519
Conc: 1102.52 ng/ml



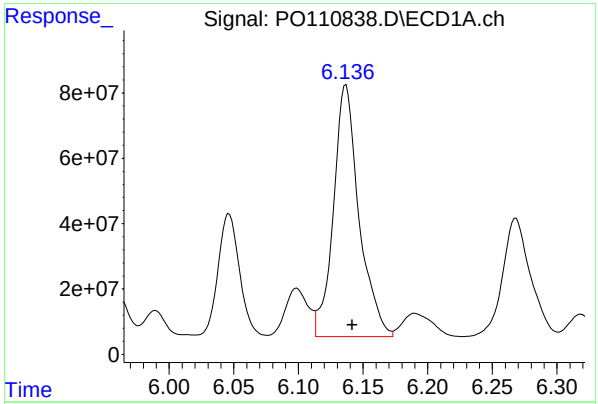
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.005 min
Response: 560734553
Conc: 1154.48 ng/ml



#27 AR-1254-2

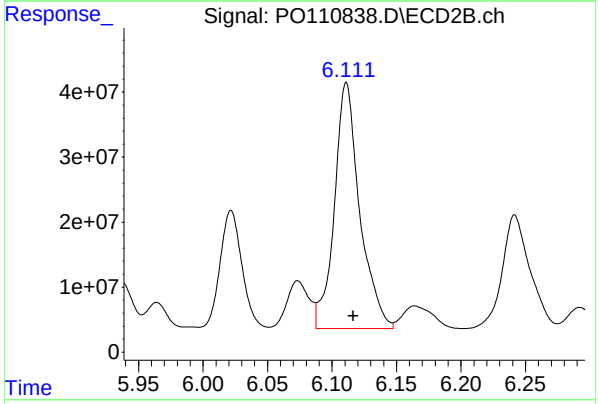
R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 278310581
Conc: 1051.48 ng/ml



#28 AR-1254-3

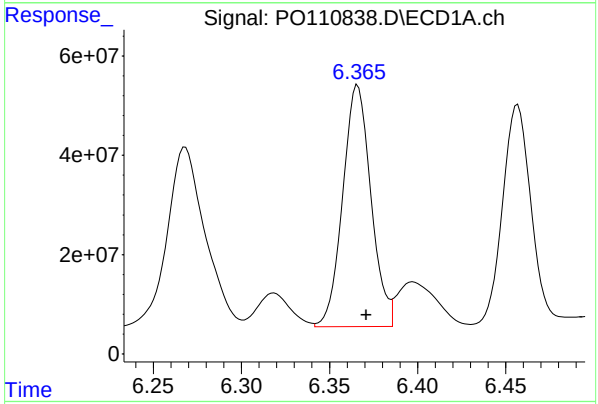
R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 1060545879
Conc: 1354.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL



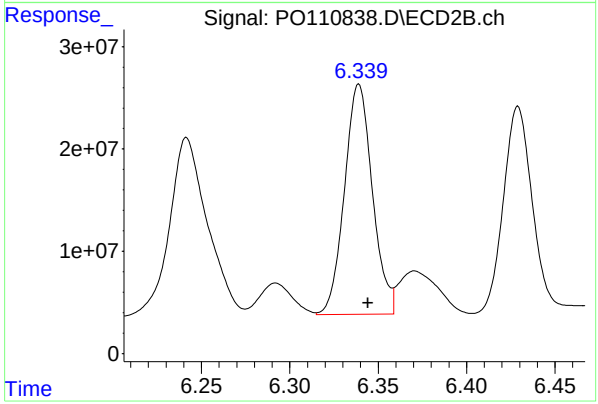
#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.005 min
Response: 517805907
Conc: 1283.55 ng/ml



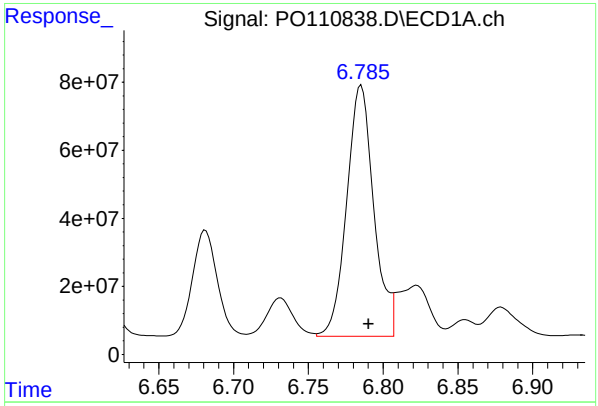
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 542777406
Conc: 1113.15 ng/ml



#29 AR-1254-4

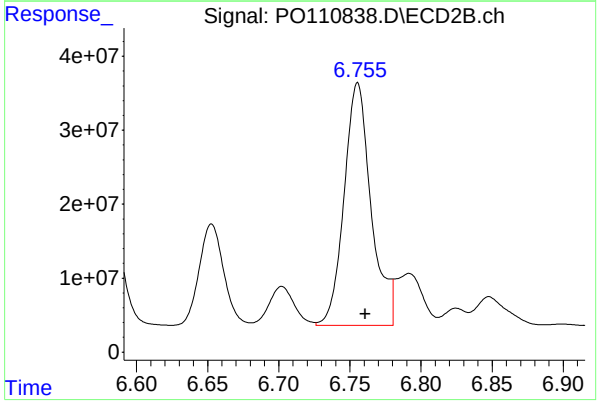
R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 247911266
Conc: 1079.22 ng/ml



#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 mi
Response: 927022787
Conc: 1322.62 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.005 min
Response: 434228577
Conc: 1306.77 ng/ml

Raw Data: **PO110839.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS031-01DL2	SDG No.:	Q1860
Lab Sample ID:	Q1860-37DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.9 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110839.D	100	04/25/25 08:20	04/29/25 05:34	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	443	UD	443	1900	ug/kg
11104-28-2	Aroclor-1221	452	UD	452	1900	ug/kg
11141-16-5	Aroclor-1232	417	UD	417	1900	ug/kg
53469-21-9	Aroclor-1242	450	UD	450	1900	ug/kg
12672-29-6	Aroclor-1248	664	UD	664	1900	ug/kg
11097-69-1	Aroclor-1254	9100	D	360	1900	ug/kg
37324-23-5	Aroclor-1262	563	UD	563	1900	ug/kg
11100-14-4	Aroclor-1268	404	UD	404	1900	ug/kg
11096-82-5	Aroclor-1260	362	UD	362	1900	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110839.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 05:34
Operator : YP/AJ
Sample : Q1860-37DL2 100X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 14:25:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
26)	L6 AR-1254-1	5.582	5.561	127.9E6	65783789	229.203	218.189
27)	L6 AR-1254-2	5.731	5.709	122.4E6	55530727	251.936	209.799
28)	L6 AR-1254-3	6.136	6.111	206.3E6	97813746	263.434	242.464
29)	L6 AR-1254-4	6.365	6.339	105.7E6	46400684	216.735	201.994
30)	L6 AR-1254-5	6.785	6.755	181.3E6	78690036	258.725	236.810

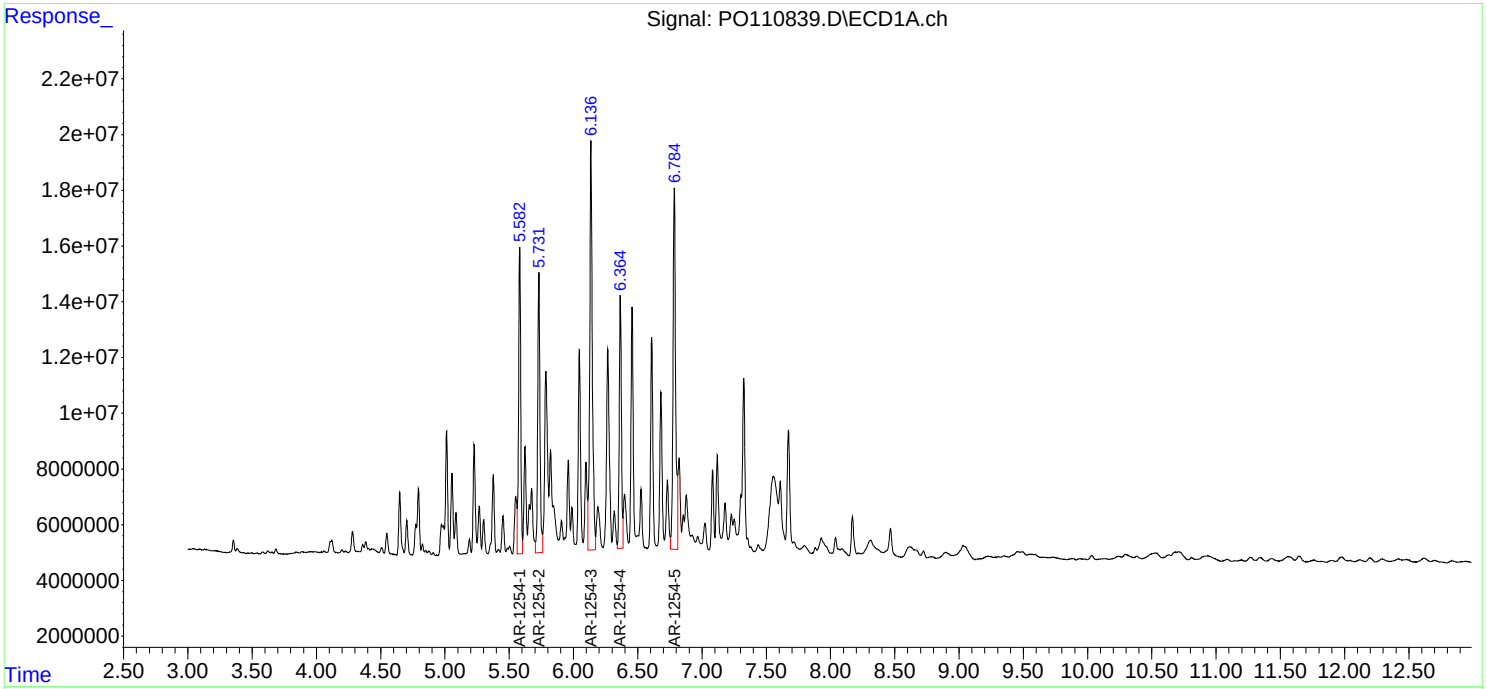
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

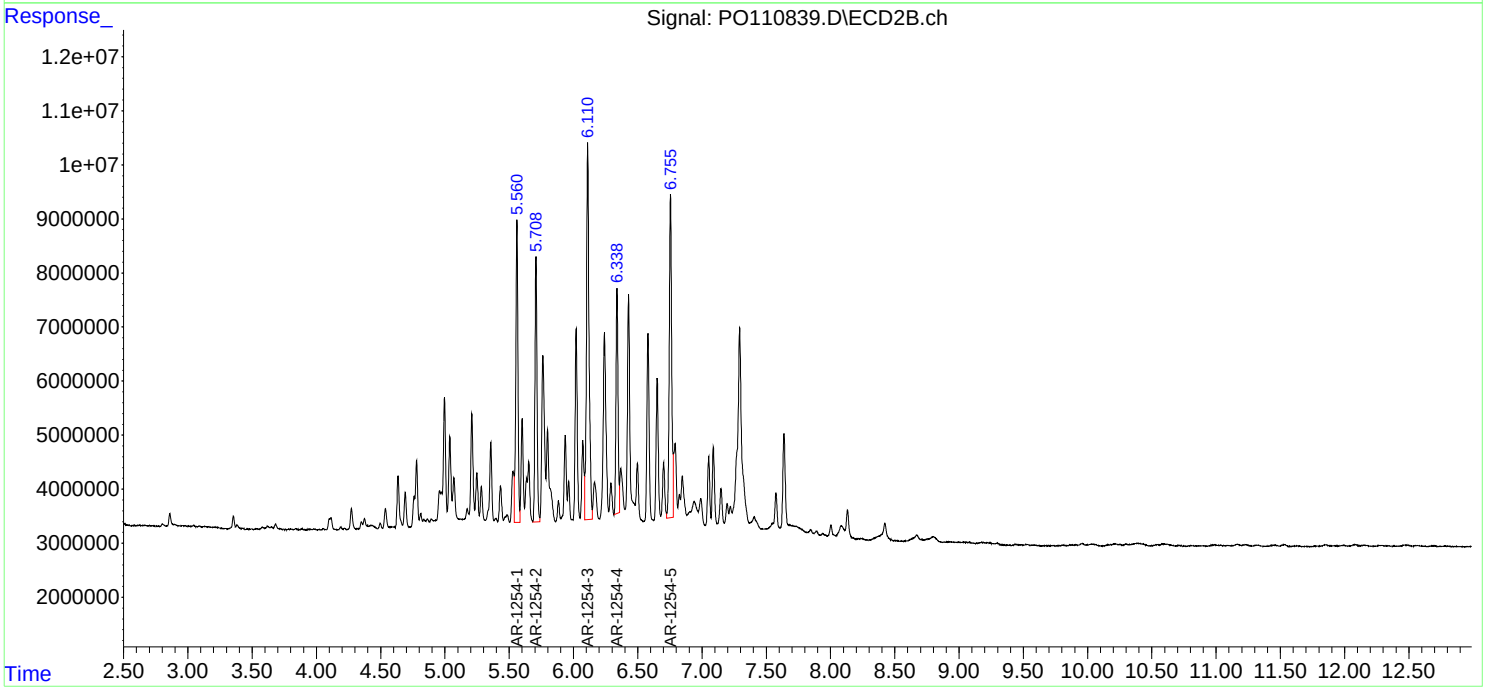
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 05:34
Operator : YP/AJ
Sample : Q1860-37DL2 100X
Misc :
ALS Vial : 43 Sample Multiplier: 1

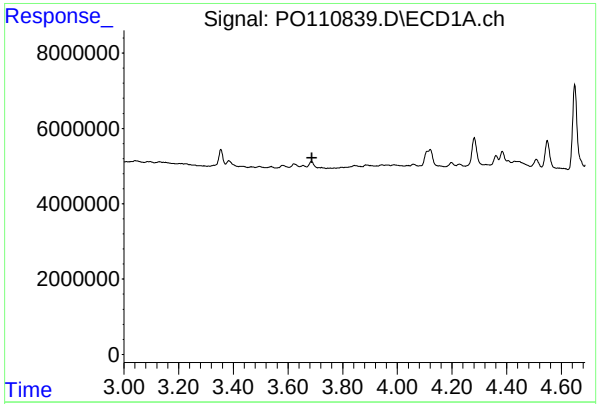
Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 14:25:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



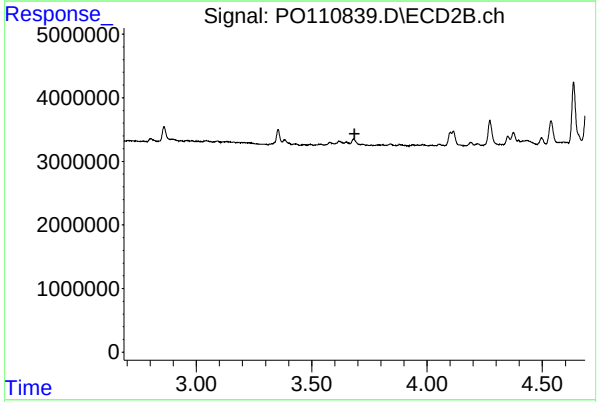




#1 Tetrachloro-m-xylene

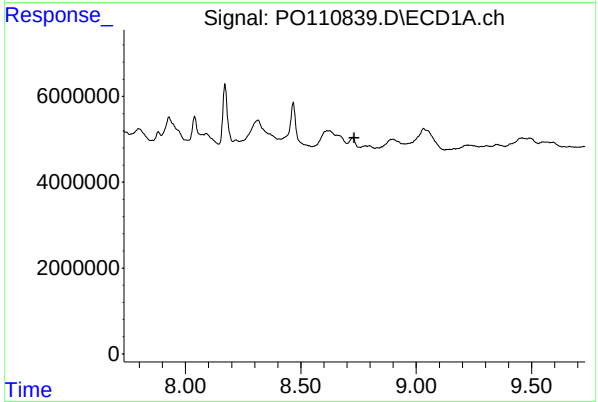
R.T.: 0.000 min
Exp R.T. : 3.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL2



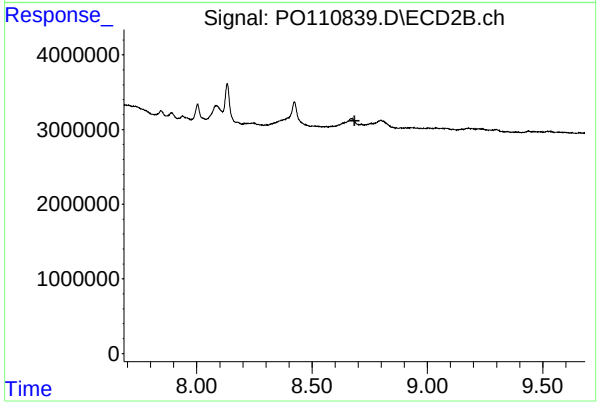
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.686 min
Response: 0
Conc: N.D.



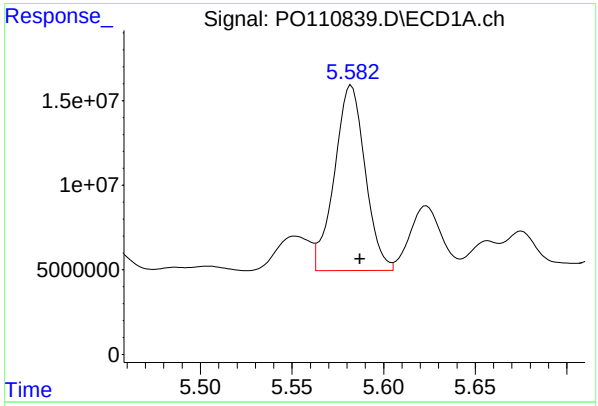
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.732 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

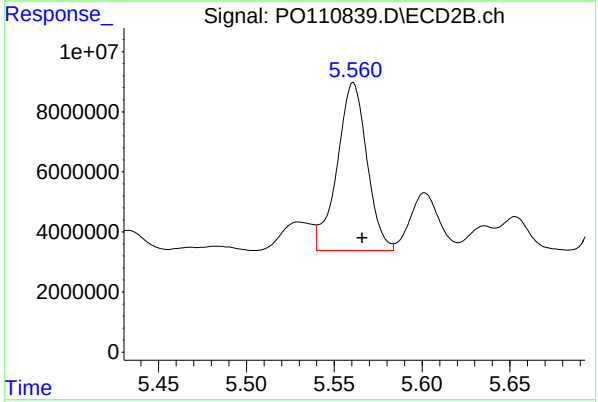
R.T.: 0.000 min
Exp R.T. : 8.684 min
Response: 0
Conc: N.D.



#26 AR-1254-1

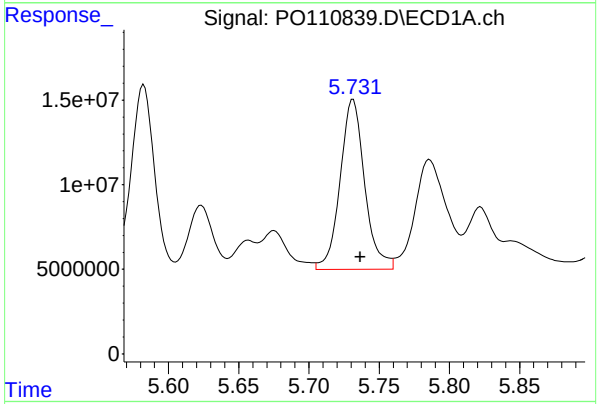
R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 127892499
Conc: 229.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL2



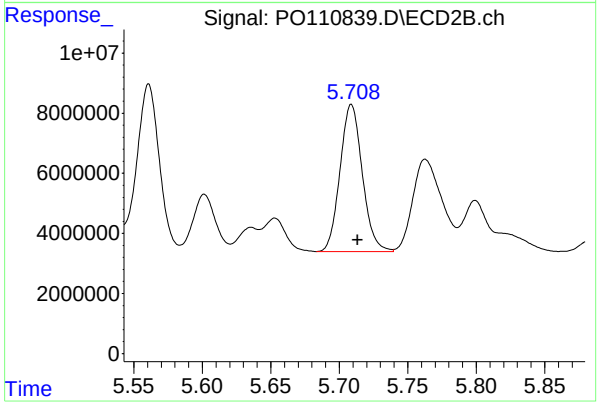
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 65783789
Conc: 218.19 ng/ml



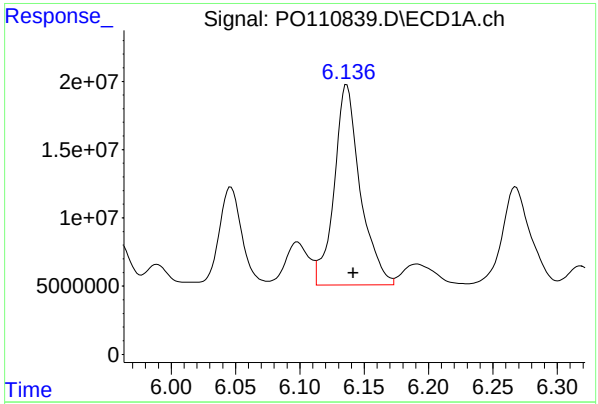
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.005 min
Response: 122366181
Conc: 251.94 ng/ml



#27 AR-1254-2

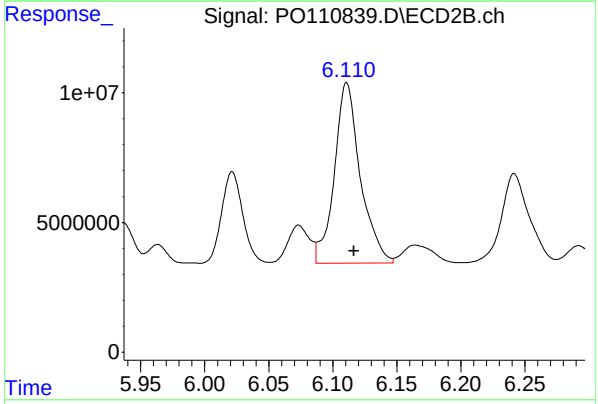
R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 55530727
Conc: 209.80 ng/ml



#28 AR-1254-3

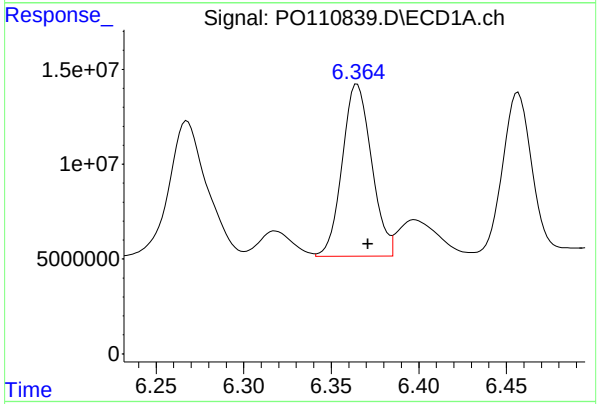
R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 206327183
Conc: 263.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL2



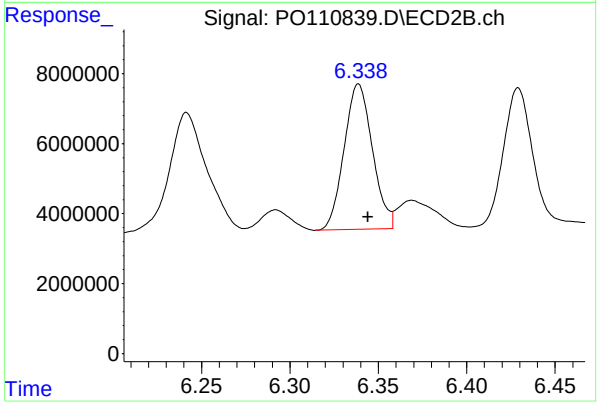
#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 97813746
Conc: 242.46 ng/ml



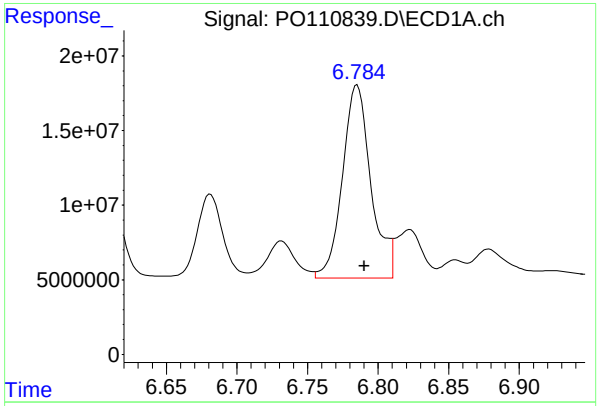
#29 AR-1254-4

R.T.: 6.365 min
Delta R.T.: -0.006 min
Response: 105681311
Conc: 216.74 ng/ml



#29 AR-1254-4

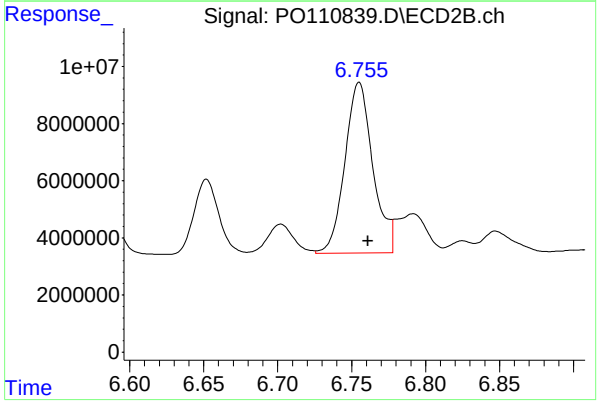
R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 46400684
Conc: 201.99 ng/ml



#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 181339982
Conc: 258.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS031-01DL2



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 78690036
Conc: 236.81 ng/ml

Raw Data: **PO110747.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS032-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-38	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110747.D	1	04/25/25 08:20	04/25/25 20:16	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.5	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.5	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.5	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.5	ug/kg
12672-29-6	Aroclor-1248	2100	E	6.80	19.5	ug/kg
11097-69-1	Aroclor-1254	5300	E	3.70	19.5	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.5	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.5	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	28.0		32 - 175	140%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110747.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 20:16
Operator : YP/AJ
Sample : Q1860-38
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:29:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	182.8E6	101.4E6	20.896	20.325
2)	SA Decachlor...	8.724	8.675	192.3E6	53951373	24.362	28.027
	Target Compounds						
21)	L5 AR-1248-1	4.777	4.763	741.4E6	409.8E6	3483.307	3559.681
22)	L5 AR-1248-2	5.015	4.999	1721.1E6	957.6E6	5815.849	5878.985
23)	L5 AR-1248-3	5.230	5.041	1807.9E6	811.6E6	4886.760	4614.954
24)	L5 AR-1248-4	5.584	5.211	4193.7E6	999.6E6	8064.416	4907.848m#
25)	L5 AR-1248-5	5.625	5.603	2146.8E6	1139.7E6	5811.091	5773.892
26)	L6 AR-1254-1	5.584	5.563	4193.7E6	2255.5E6	7515.818	7480.961
27)	L6 AR-1254-2	5.733	5.711	3299.7E6	1671.4E6	6793.566	6314.584
28)	L6 AR-1254-3	6.138	6.113	6558.2E6	3495.2E6	8373.323	8664.046
29)	L6 AR-1254-4	6.367	6.341	3334.1E6	1664.2E6	6837.617	7244.642
30)	L6 AR-1254-5	6.787	6.757	22619.0E6	13094.0E6	32271.425	39405.020

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 20:16
Operator : YP/AJ
Sample : Q1860-38
Misc :
ALS Vial : 24 Sample Multiplier: 1

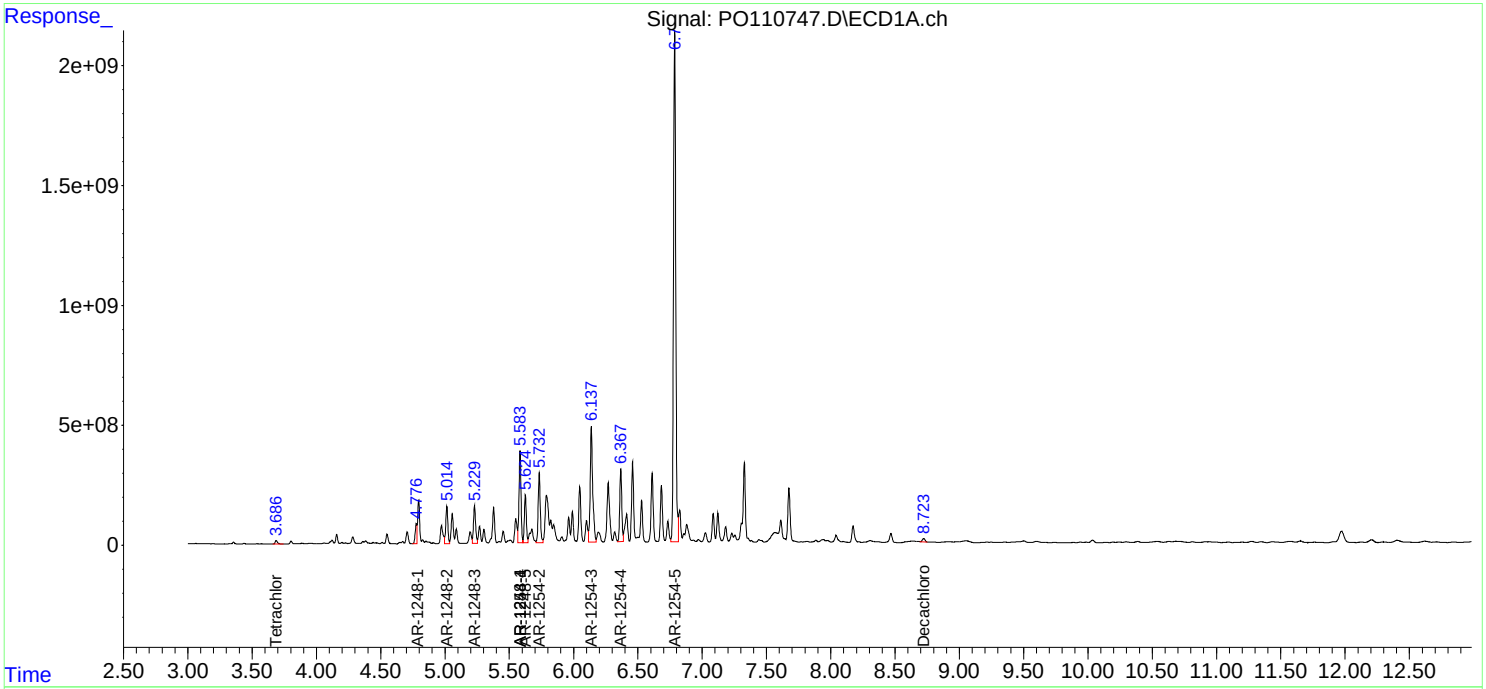
Instrument :
ECD_O
ClientSampleId :
P001-SS032-01

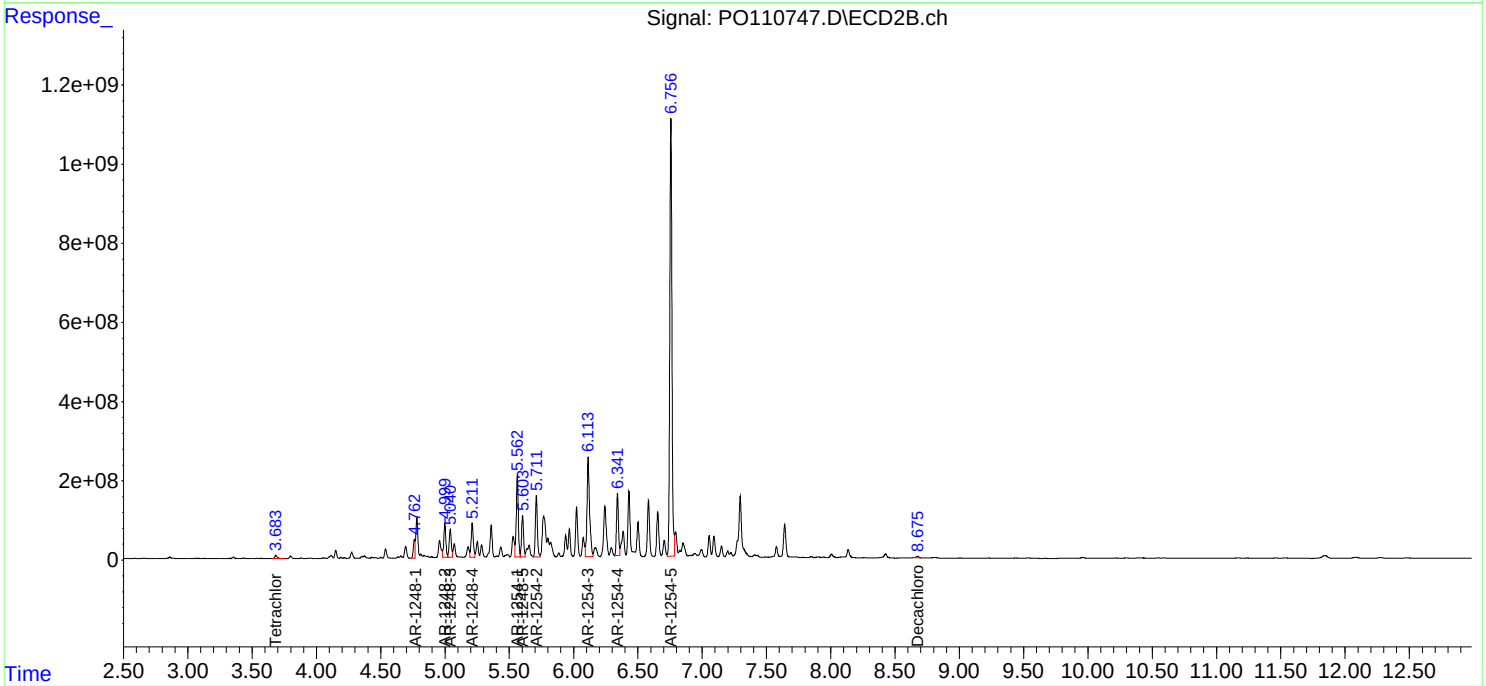
Manual Integrations APPROVED

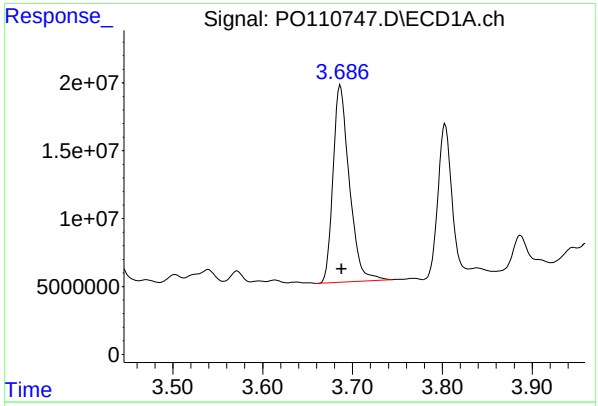
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:29:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







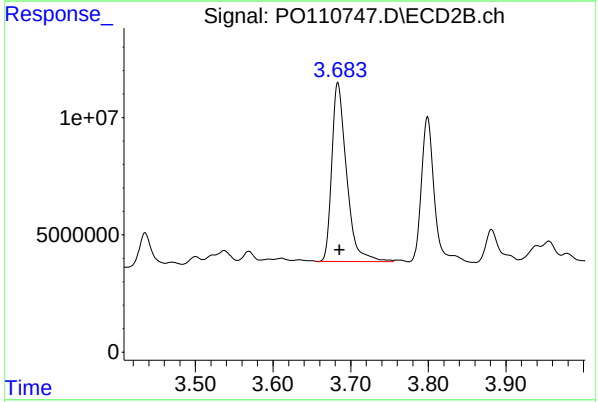
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: -0.002 min
Response: 182824274
Conc: 20.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01

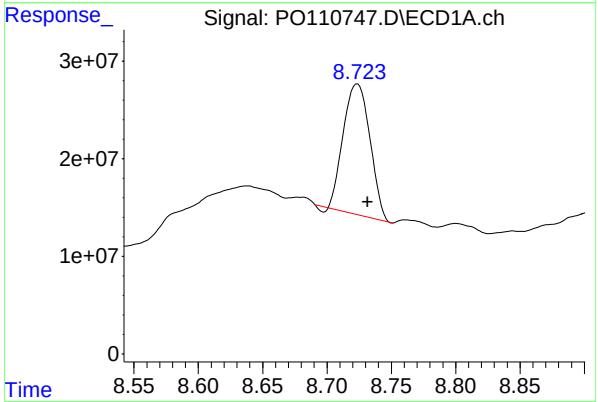
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



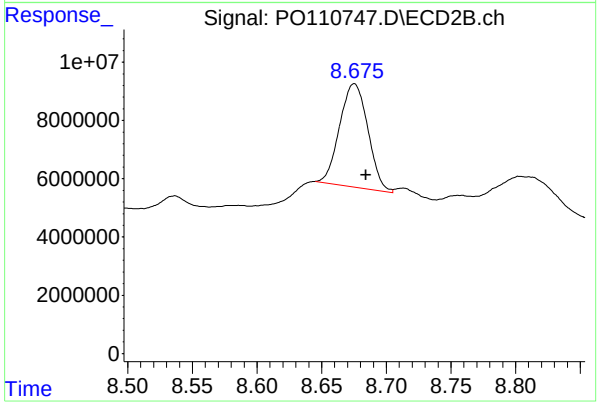
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 101416205
Conc: 20.32 ng/ml



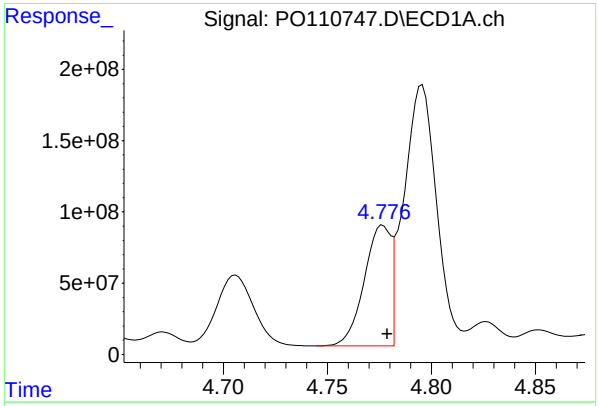
#2 Decachlorobiphenyl

R.T.: 8.724 min
Delta R.T.: -0.008 min
Response: 192333018
Conc: 24.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.009 min
Response: 53951373
Conc: 28.03 ng/ml



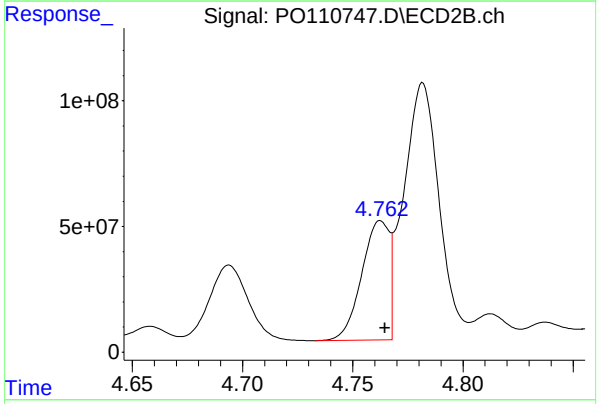
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 741374258
Conc: 3483.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01

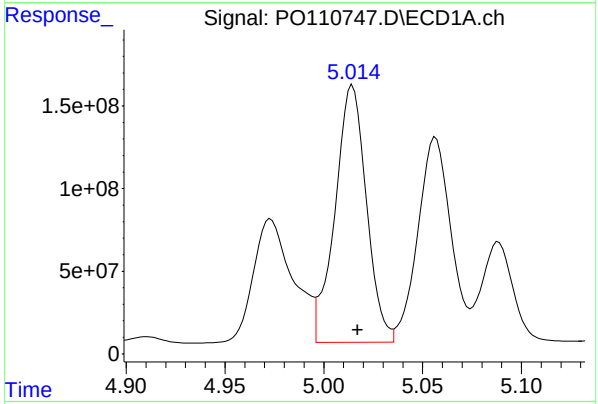
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



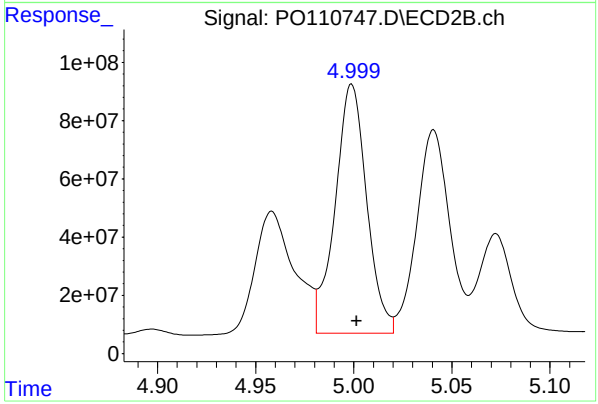
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 409833113
Conc: 3559.68 ng/ml



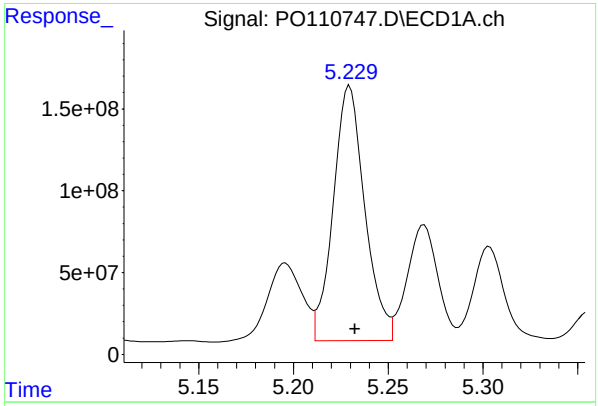
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.003 min
Response: 1721055264
Conc: 5815.85 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 957584303
Conc: 5878.98 ng/ml



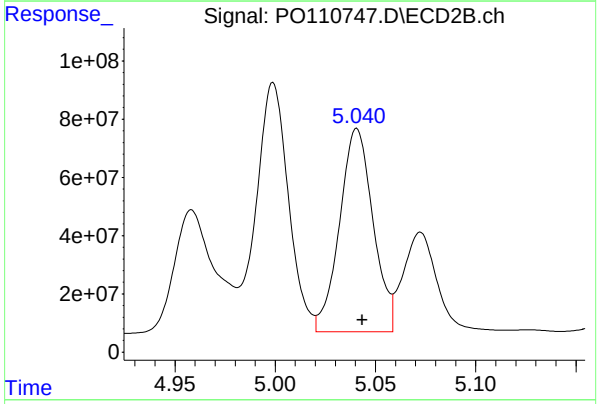
#23 AR-1248-3

R.T.: 5.230 min
Delta R.T.: -0.003 mi
Response: 1807912861
Conc: 4886.76 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01

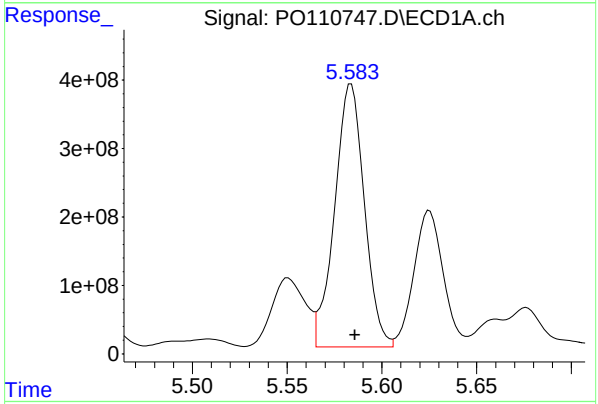
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



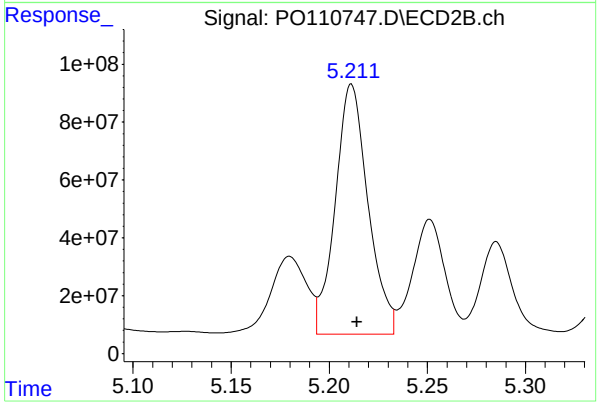
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 811567716
Conc: 4614.95 ng/ml



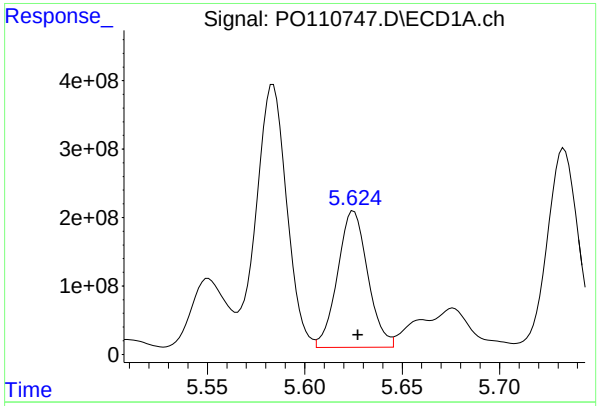
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 4193744548
Conc: 8064.42 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 999624140
Conc: 4907.85 ng/ml m



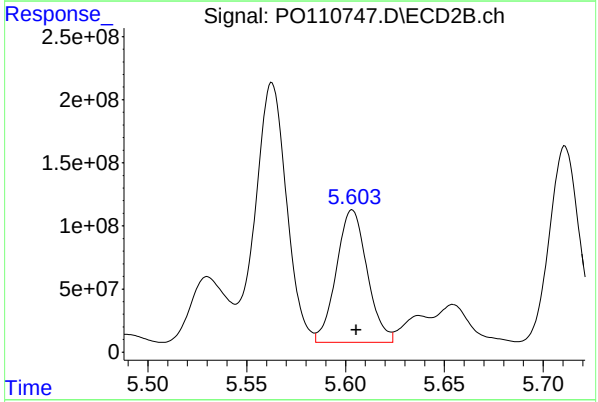
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 2146766722
Conc: 5811.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01

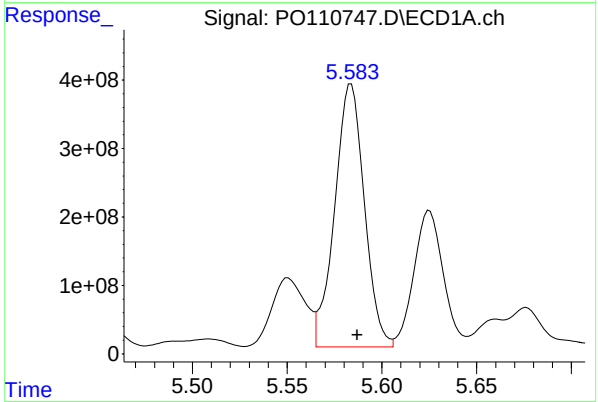
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



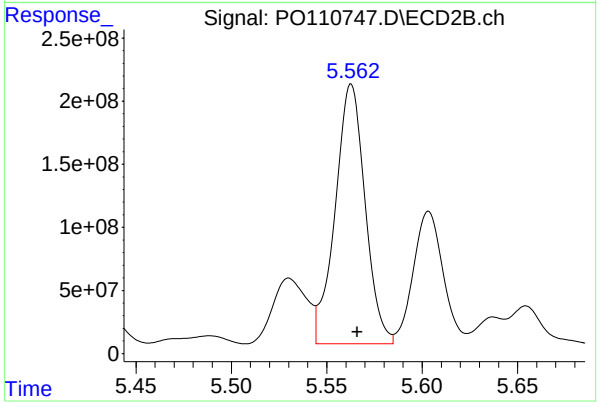
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 1139742182
Conc: 5773.89 ng/ml



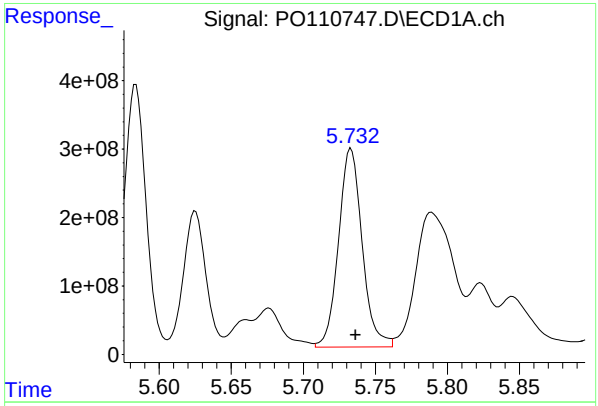
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 4193744548
Conc: 7515.82 ng/ml



#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 2255503123
Conc: 7480.96 ng/ml



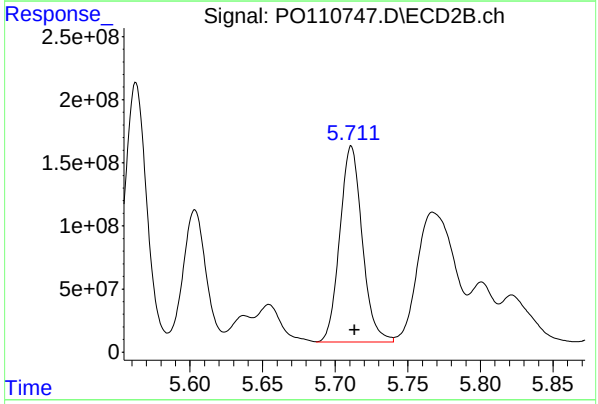
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.003 mi
Response: 3299652466
Conc: 6793.57 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01

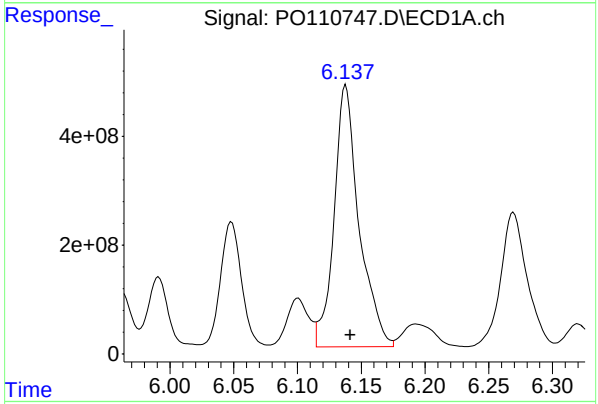
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



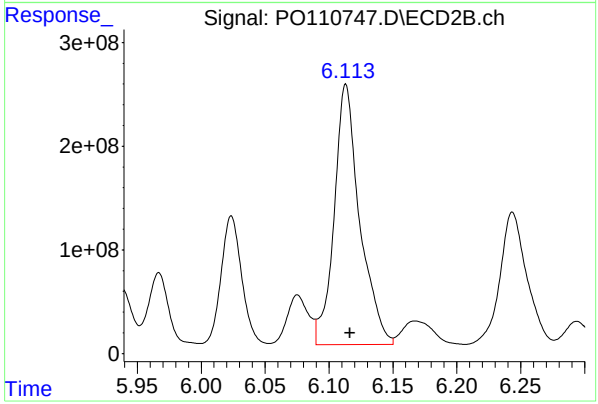
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 1671377659
Conc: 6314.58 ng/ml



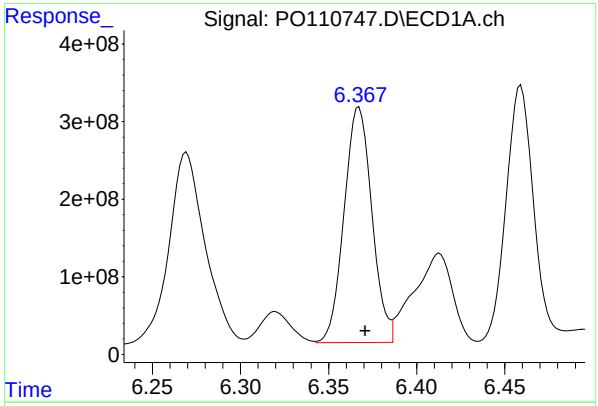
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 6558168605
Conc: 8373.32 ng/ml



#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.003 min
Response: 3495215486
Conc: 8664.05 ng/ml



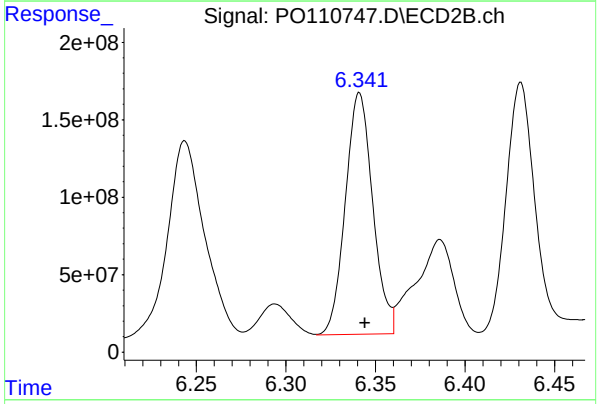
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 3334058089
Conc: 6837.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01

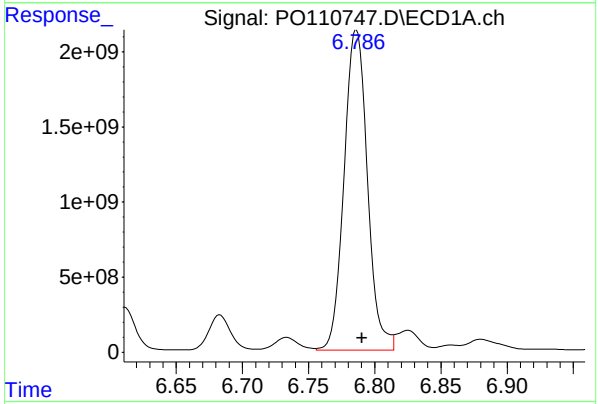
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



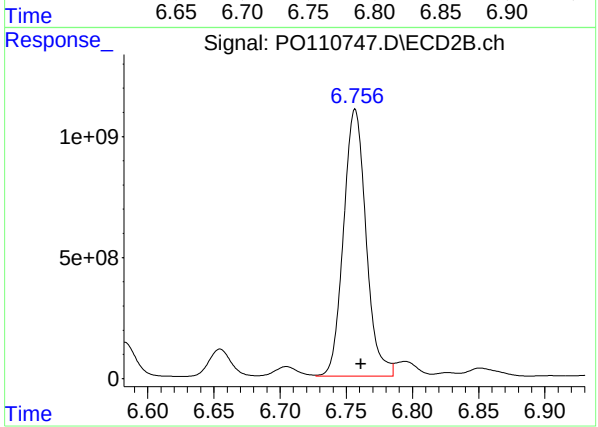
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 1664187739
Conc: 7244.64 ng/ml



#30 AR-1254-5

R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 22619037931
Conc: 32271.43 ng/ml



#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 13093962644
Conc: 39405.02 ng/ml

Raw Data: **PO110805.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS032-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-38DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110805.D	10	04/25/25 08:20	04/28/25 16:41	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	45.4	UD	45.4	195	ug/kg
11104-28-2	Aroclor-1221	46.3	UD	46.3	195	ug/kg
11141-16-5	Aroclor-1232	42.7	UD	42.7	195	ug/kg
53469-21-9	Aroclor-1242	46.1	UD	46.1	195	ug/kg
12672-29-6	Aroclor-1248	1900	D	68.0	195	ug/kg
11097-69-1	Aroclor-1254	4000	ED	36.9	195	ug/kg
37324-23-5	Aroclor-1262	57.7	UD	57.7	195	ug/kg
11100-14-4	Aroclor-1268	41.4	UD	41.4	195	ug/kg
11096-82-5	Aroclor-1260	37.1	UD	37.1	195	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.8		32 - 144	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	32.1		32 - 175	160%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110805.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 16:41
Operator : YP/AJ
Sample : Q1860-38DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:55:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.684	3.682	15362946	8860020	1.756	1.776
2)	SA Decachlor...	8.719	8.674	18520611	6174873	2.346	3.208 #
	Target Compounds						
21)	L5 AR-1248-1	4.773	4.761	80235882	41825810	376.984	363.286
22)	L5 AR-1248-2	5.011	4.997	150.8E6	82772943	509.740	508.175
23)	L5 AR-1248-3	5.226	5.039	162.8E6	76303931	440.074	433.900
24)	L5 AR-1248-4	5.580	5.210	344.3E6	89582504	662.151	439.823m#
25)	L5 AR-1248-5	5.621	5.601	176.9E6	100.0E6	478.795	506.627
26)	L6 AR-1254-1	5.580	5.561	344.3E6	195.4E6	617.107	648.094
27)	L6 AR-1254-2	5.730	5.708	271.3E6	150.0E6	558.477	566.791
28)	L6 AR-1254-3	6.134	6.111	549.9E6	293.1E6	702.037	726.538
29)	L6 AR-1254-4	6.364	6.338	273.9E6	142.0E6	561.810	618.203
30)	L6 AR-1254-5	6.782	6.755	1707.7E6	870.2E6	2436.413	2618.929

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 16:41
Operator : YP/AJ
Sample : Q1860-38DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

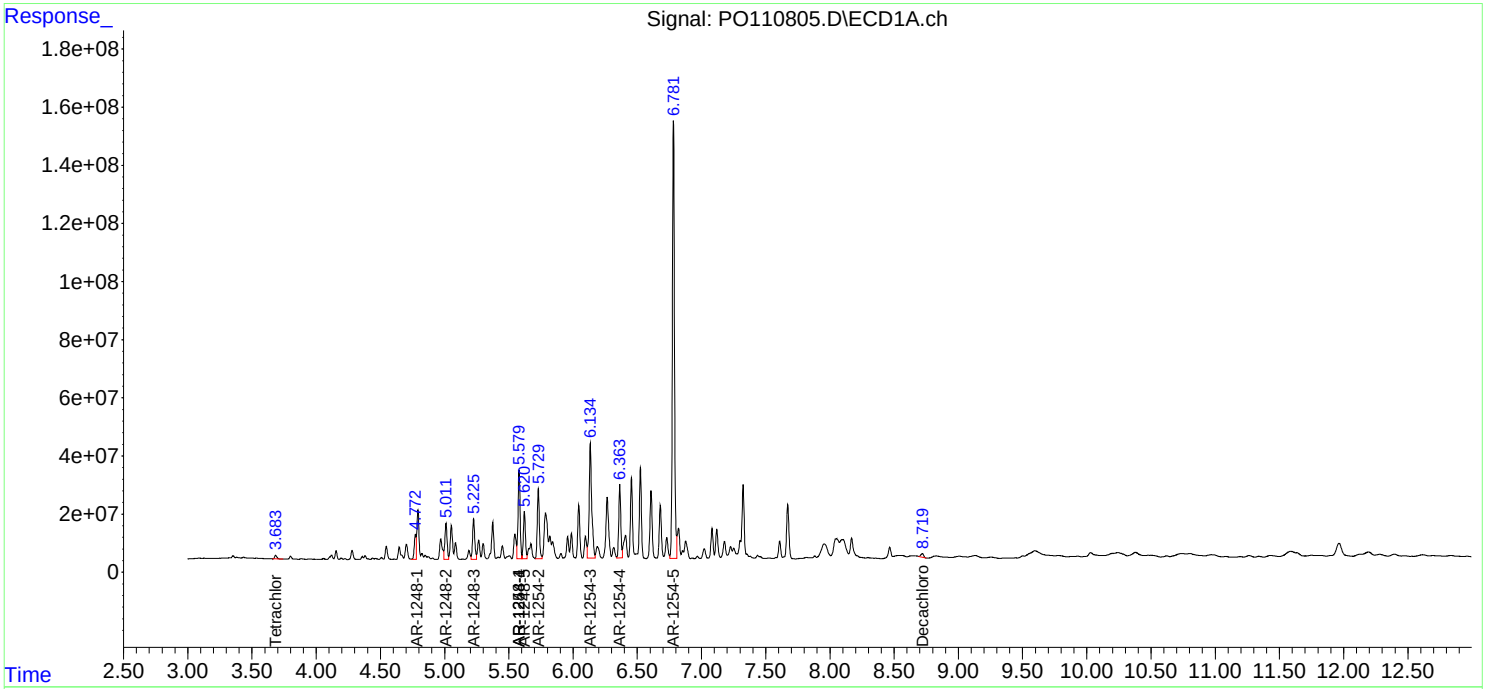
Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL

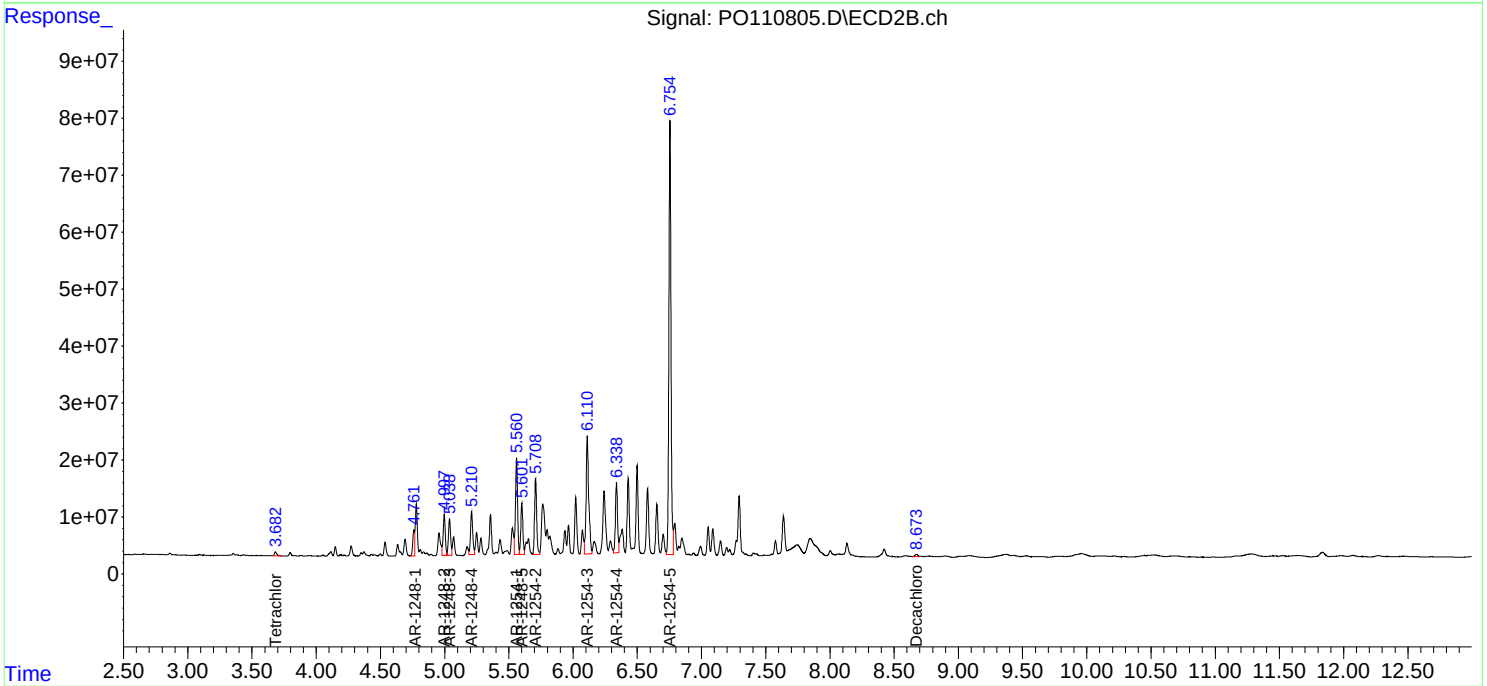
Manual Integrations APPROVED

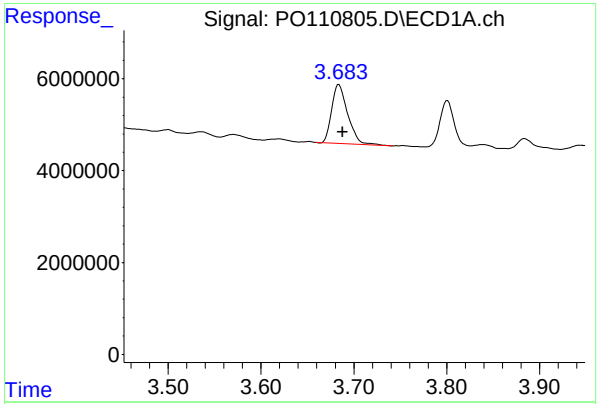
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:55:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







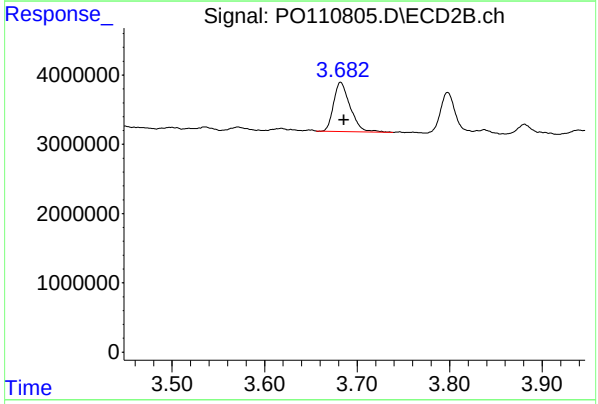
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.004 min
Response: 15362946
Conc: 1.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL

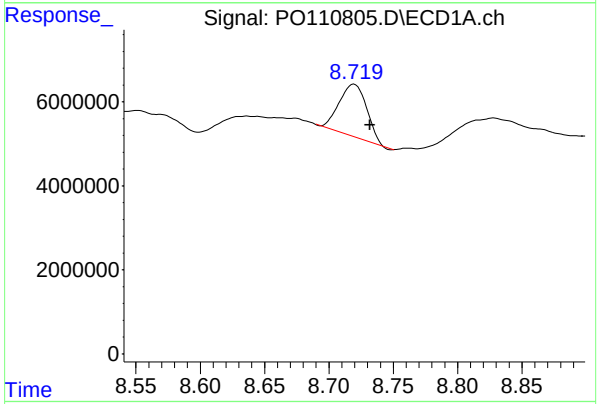
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



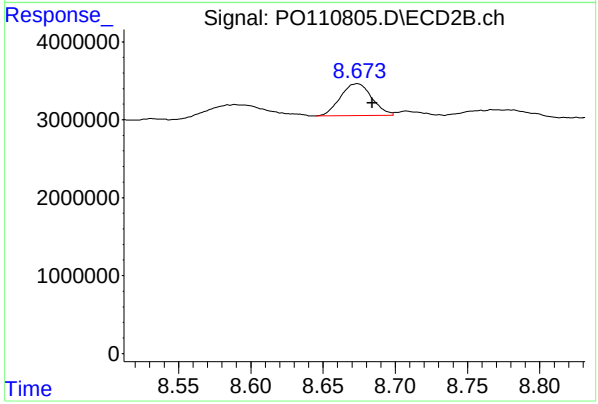
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.003 min
Response: 8860020
Conc: 1.78 ng/ml



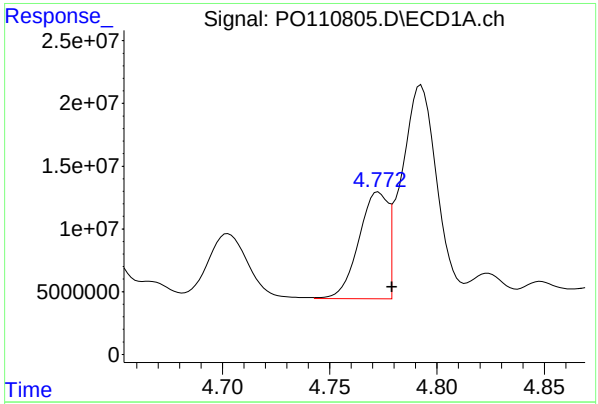
#2 Decachlorobiphenyl

R.T.: 8.719 min
Delta R.T.: -0.012 min
Response: 18520611
Conc: 2.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.674 min
Delta R.T.: -0.011 min
Response: 6174873
Conc: 3.21 ng/ml



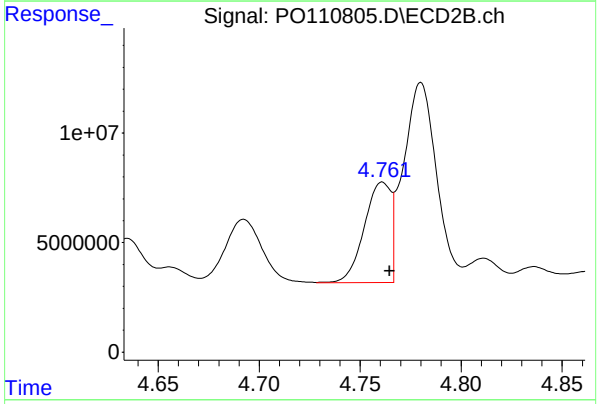
#21 AR-1248-1

R.T.: 4.773 min
Delta R.T.: -0.006 min
Response: 80235882
Conc: 376.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL

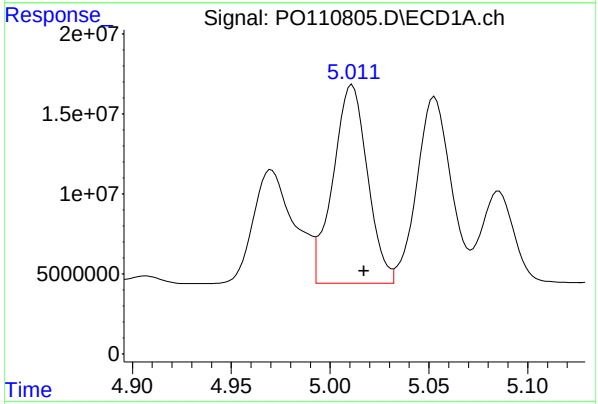
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



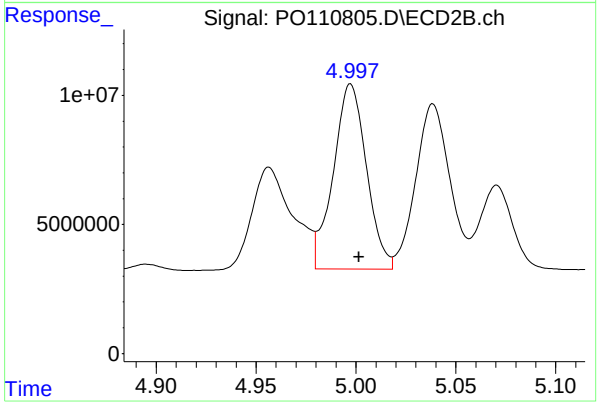
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.003 min
Response: 41825810
Conc: 363.29 ng/ml



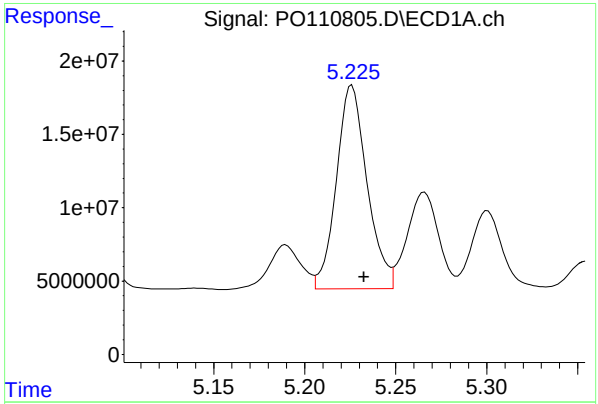
#22 AR-1248-2

R.T.: 5.011 min
Delta R.T.: -0.006 min
Response: 150844754
Conc: 509.74 ng/ml



#22 AR-1248-2

R.T.: 4.997 min
Delta R.T.: -0.004 min
Response: 82772943
Conc: 508.18 ng/ml



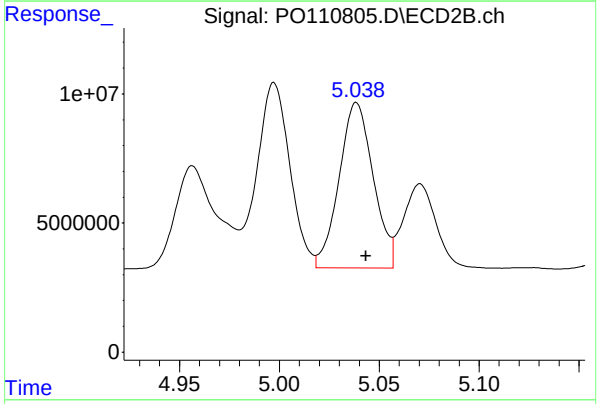
#23 AR-1248-3

R.T.: 5.226 min
Delta R.T.: -0.007 mi
Response: 162810461
Conc: 440.07 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL

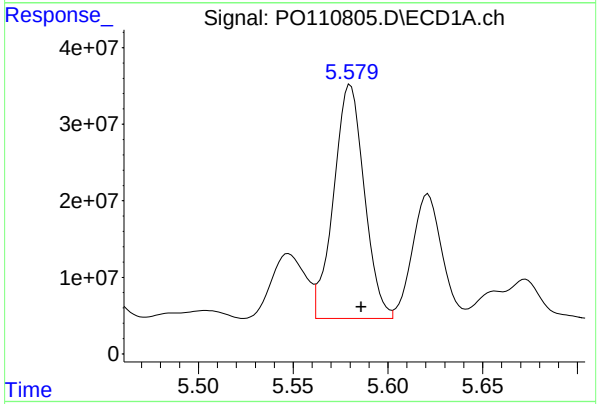
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



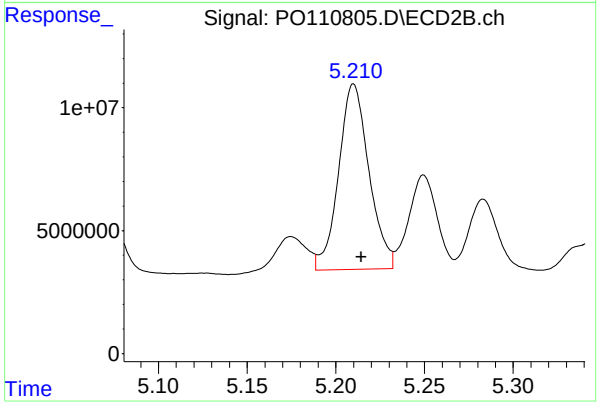
#23 AR-1248-3

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 76303931
Conc: 433.90 ng/ml



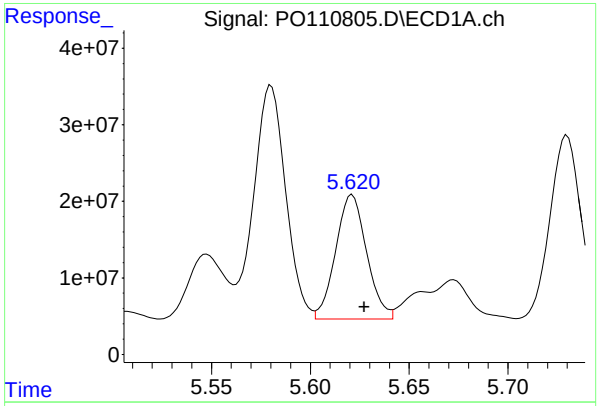
#24 AR-1248-4

R.T.: 5.580 min
Delta R.T.: -0.006 min
Response: 344338948
Conc: 662.15 ng/ml



#24 AR-1248-4

R.T.: 5.210 min
Delta R.T.: -0.005 min
Response: 89582504
Conc: 439.82 ng/ml m



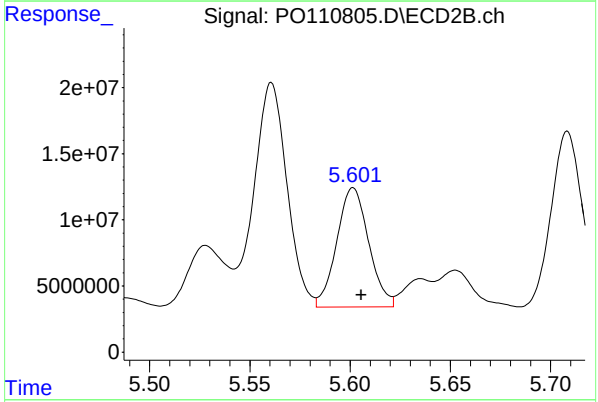
#25 AR-1248-5

R.T.: 5.621 min
Delta R.T.: -0.006 min
Response: 176879145
Conc: 478.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL

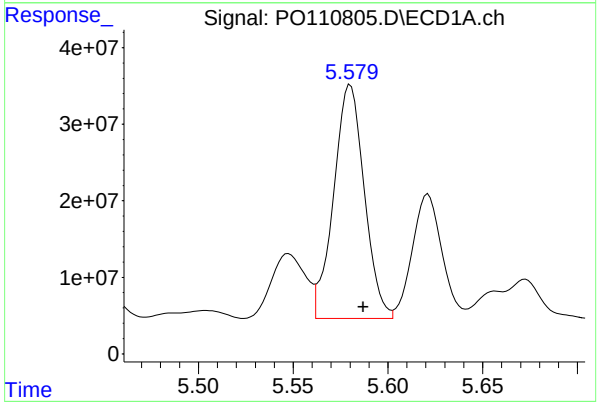
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



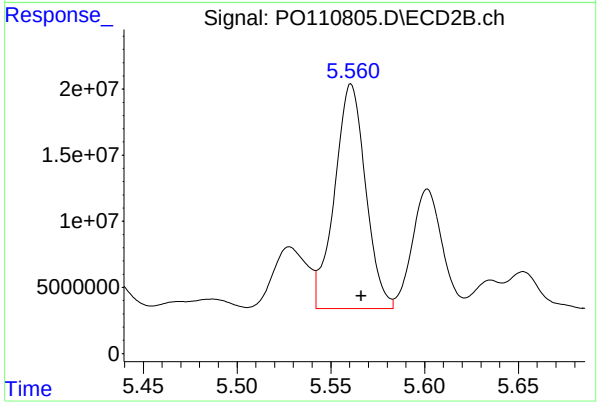
#25 AR-1248-5

R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 100006044
Conc: 506.63 ng/ml



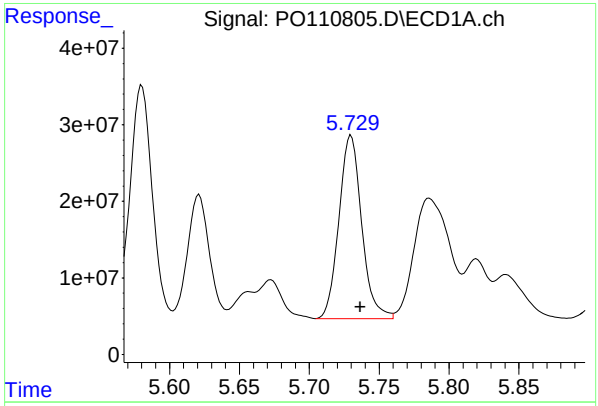
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: -0.007 min
Response: 344338948
Conc: 617.11 ng/ml



#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 195399811
Conc: 648.09 ng/ml



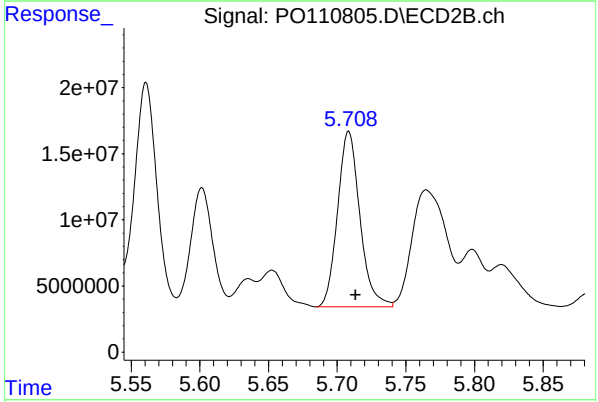
#27 AR-1254-2

R.T.: 5.730 min
Delta R.T.: -0.007 min
Response: 271253700
Conc: 558.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL

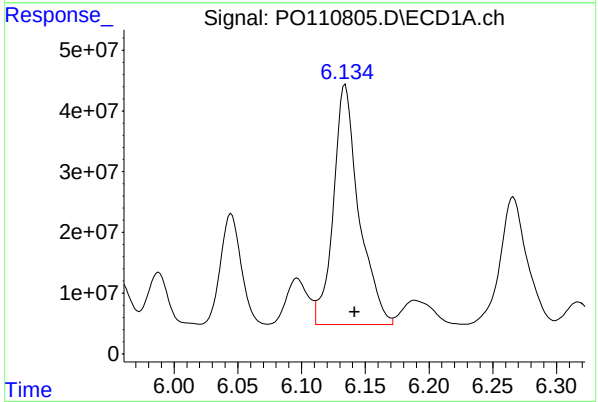
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



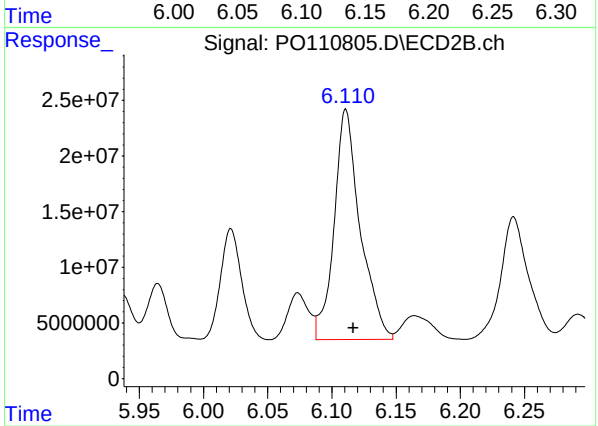
#27 AR-1254-2

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 150021358
Conc: 566.79 ng/ml



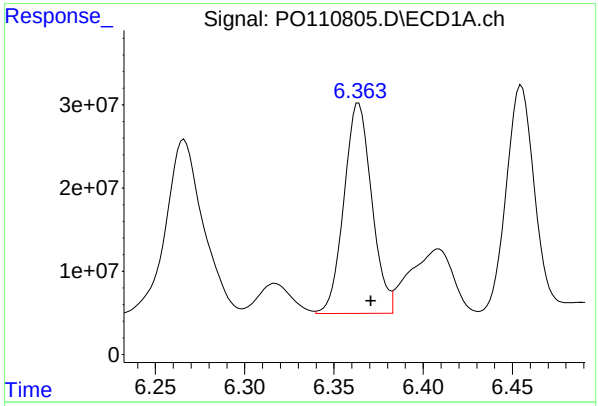
#28 AR-1254-3

R.T.: 6.134 min
Delta R.T.: -0.007 min
Response: 549850814
Conc: 702.04 ng/ml



#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 293097067
Conc: 726.54 ng/ml



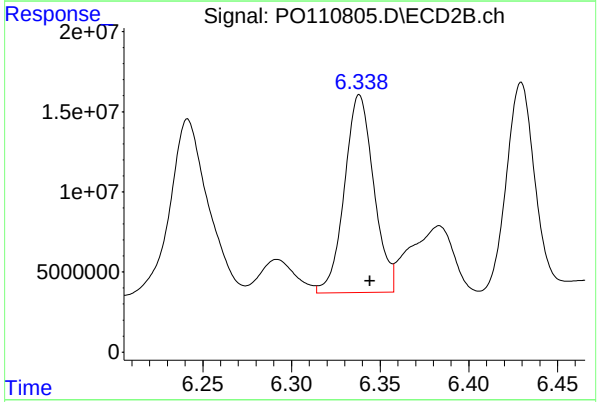
#29 AR-1254-4

R.T.: 6.364 min
Delta R.T.: -0.007 min
Response: 273941434
Conc: 561.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL

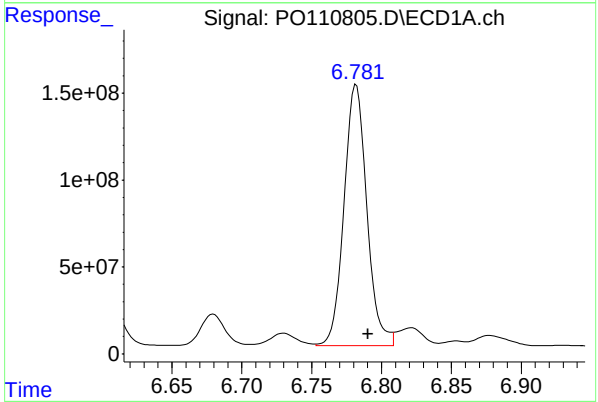
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



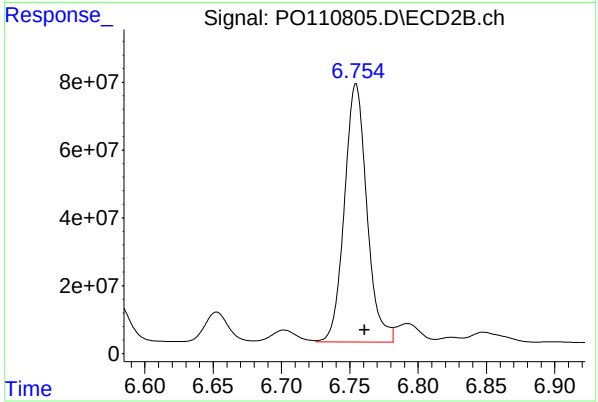
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 142009260
Conc: 618.20 ng/ml



#30 AR-1254-5

R.T.: 6.782 min
Delta R.T.: -0.008 min
Response: 1707681560
Conc: 2436.41 ng/ml



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 870248493
Conc: 2618.93 ng/ml

Raw Data: **PO110806.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS032-01DL2	SDG No.:	Q1860
Lab Sample ID:	Q1860-38DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110806.D	50	04/25/25 08:20	04/28/25 16:59	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	227	UD	227	976	ug/kg
11104-28-2	Aroclor-1221	231	UD	231	976	ug/kg
11141-16-5	Aroclor-1232	214	UD	214	976	ug/kg
53469-21-9	Aroclor-1242	230	UD	230	976	ug/kg
12672-29-6	Aroclor-1248	2400	D	340	976	ug/kg
11097-69-1	Aroclor-1254	4200	D	184	976	ug/kg
37324-23-5	Aroclor-1262	288	UD	288	976	ug/kg
11100-14-4	Aroclor-1268	207	UD	207	976	ug/kg
11096-82-5	Aroclor-1260	186	UD	186	976	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 16:59
Operator : YP/AJ
Sample : Q1860-38DL2 50X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:56:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
	Target Compounds							
21)	L5 AR-1248-1	4.776	4.762	18141950	8266146	85.239	71.797	
22)	L5 AR-1248-2	5.014	4.998	38715022	21990312	130.827	135.007	
23)	L5 AR-1248-3	5.229	5.040	41372017	23034222	111.828	130.983	
24)	L5 AR-1248-4	5.584	5.211	83634990	17123654	160.827	84.072	#
25)	L5 AR-1248-5	5.624	5.603	50701929	22307269	137.245	113.008	
26)	L6 AR-1254-1	5.584	5.561	83634990	44087336	149.886	146.227	
27)	L6 AR-1254-2	5.733	5.709	98932799	34720785	203.690	131.178	#
28)	L6 AR-1254-3	6.137	6.111	128.0E6	64277131	163.450	159.332	
29)	L6 AR-1254-4	6.366	6.338	58034383	35921109	119.019	156.374	#
30)	L6 AR-1254-5	6.784	6.754	328.7E6	149.9E6	468.937	451.183	

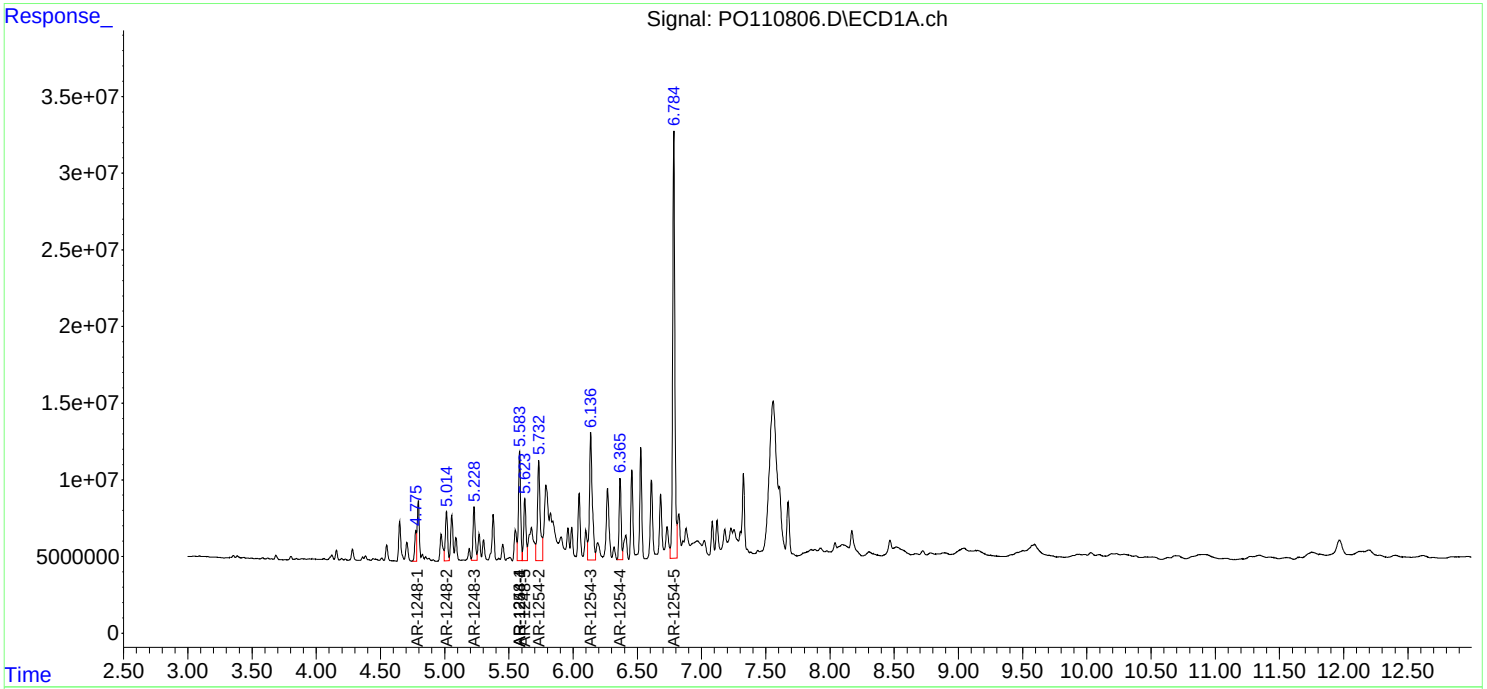
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

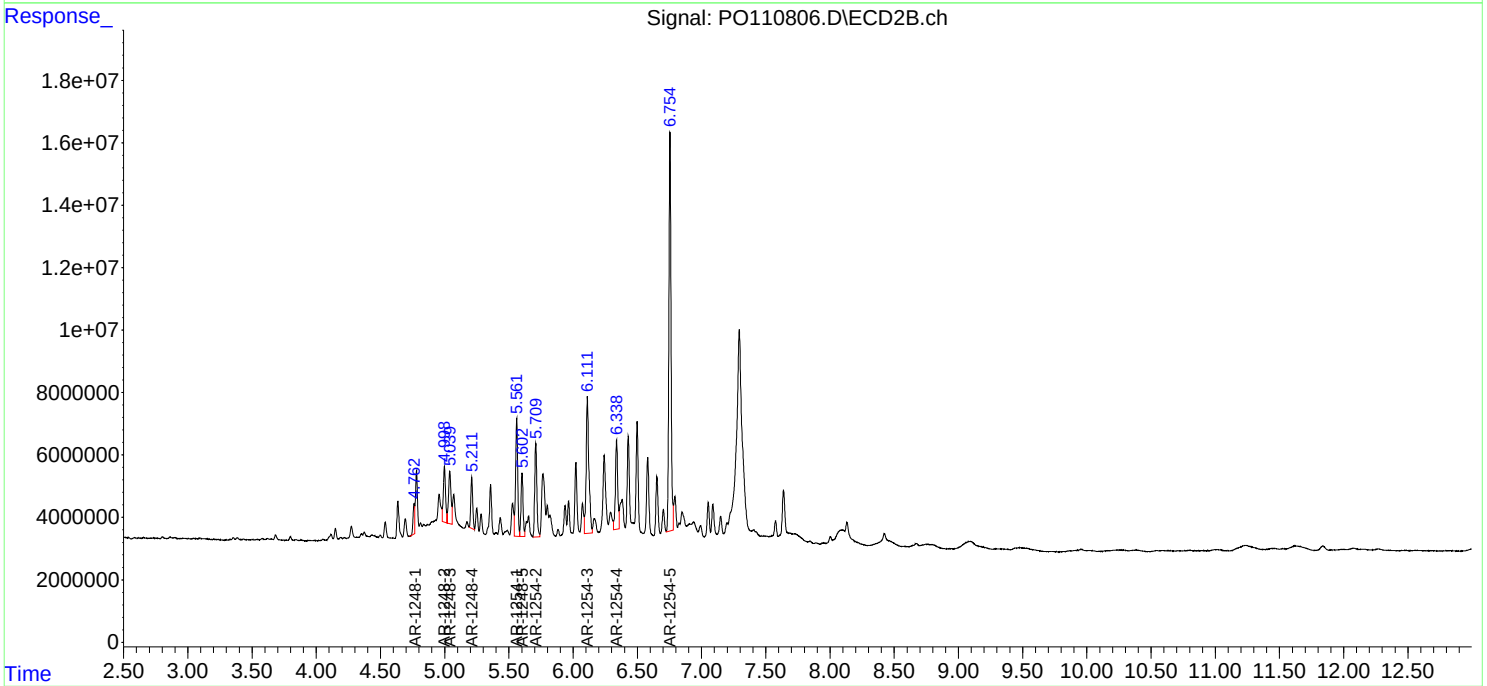
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 16:59
Operator : YP/AJ
Sample : Q1860-38DL2 50X
Misc :
ALS Vial : 20 Sample Multiplier: 1

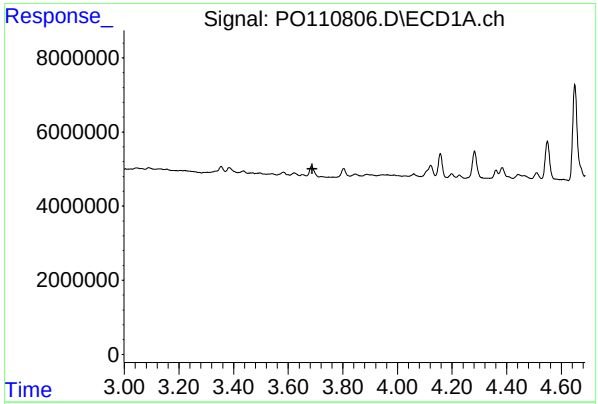
Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:56:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



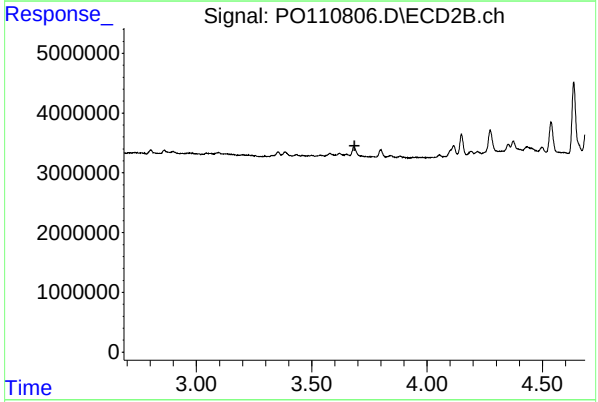




#1 Tetrachloro-m-xylene

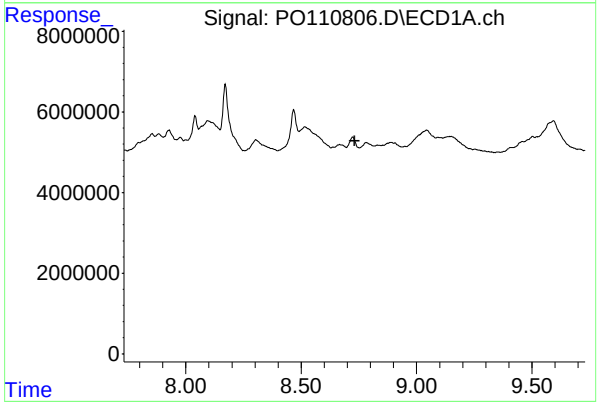
R.T.: 0.000 min
Exp R.T. : 3.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL2



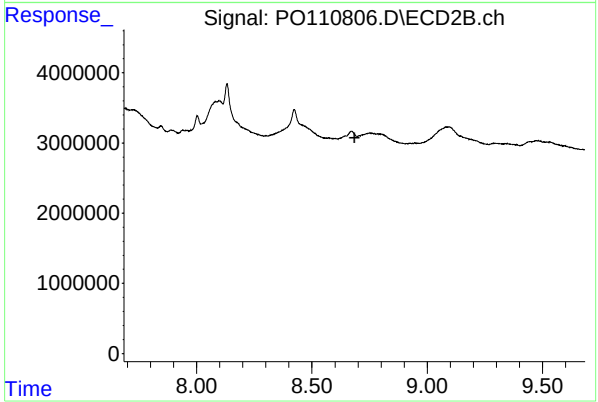
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.686 min
Response: 0
Conc: N.D.



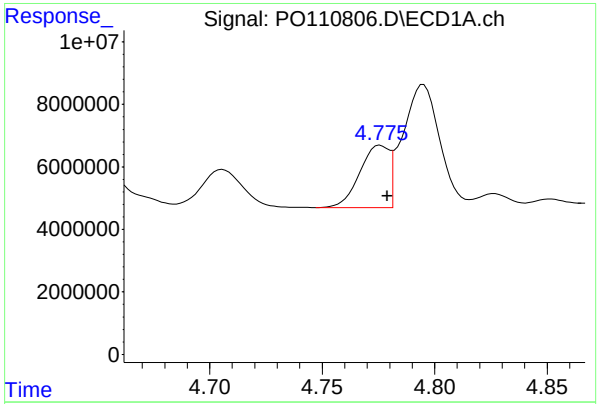
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.732 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

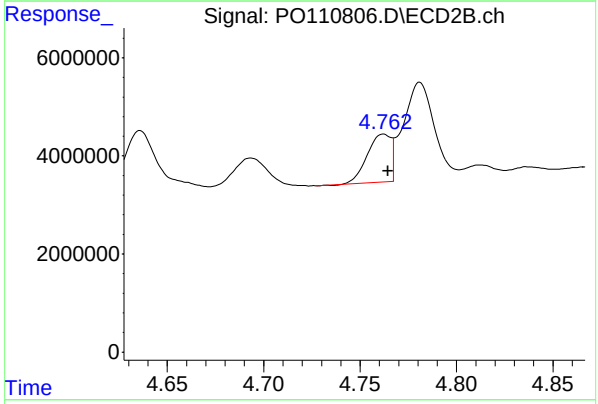
R.T.: 0.000 min
Exp R.T. : 8.684 min
Response: 0
Conc: N.D.



#21 AR-1248-1

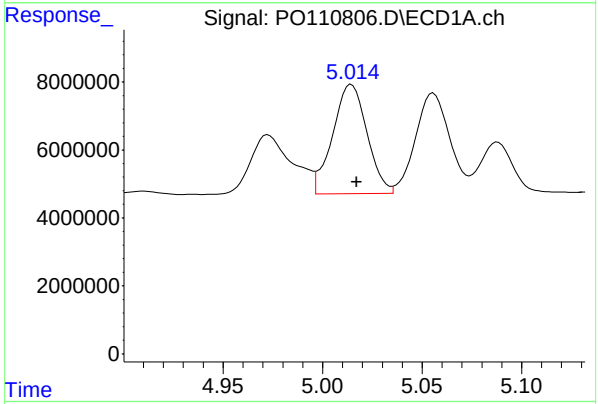
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 18141950
Conc: 85.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL2



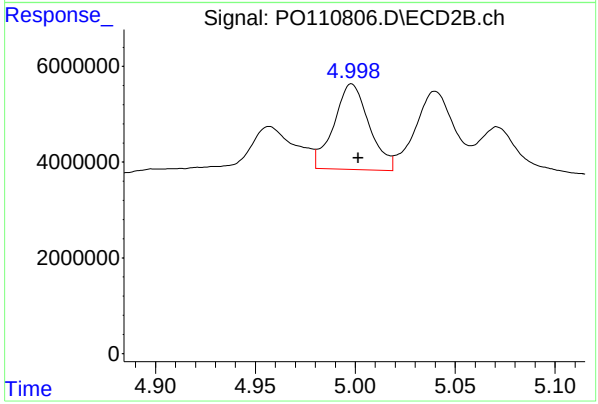
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 8266146
Conc: 71.80 ng/ml



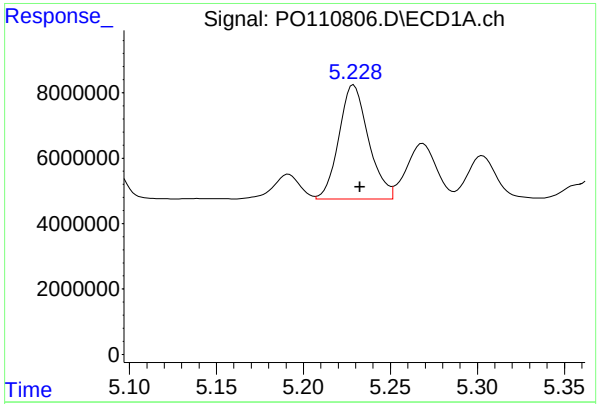
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 38715022
Conc: 130.83 ng/ml



#22 AR-1248-2

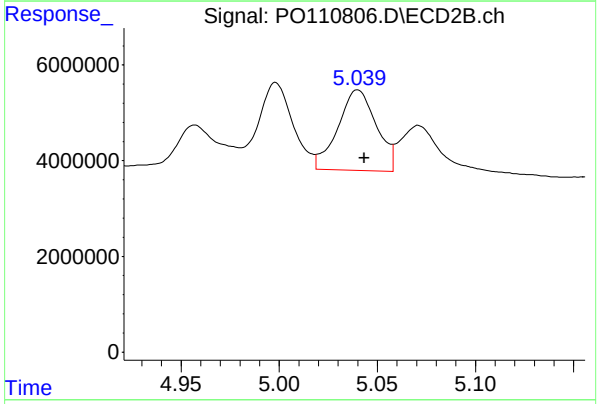
R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 21990312
Conc: 135.01 ng/ml



#23 AR-1248-3

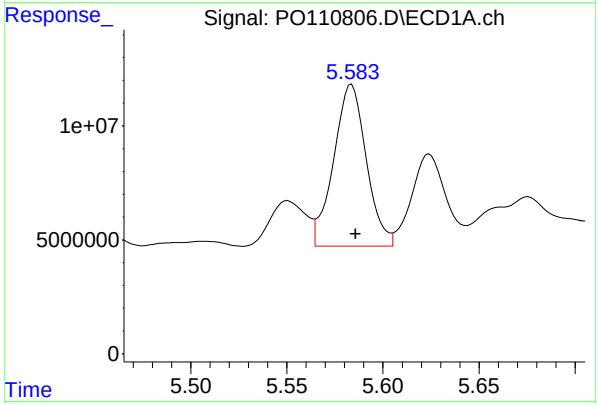
R.T.: 5.229 min
Delta R.T.: -0.004 mi
Response: 41372017
Conc: 111.83 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL2



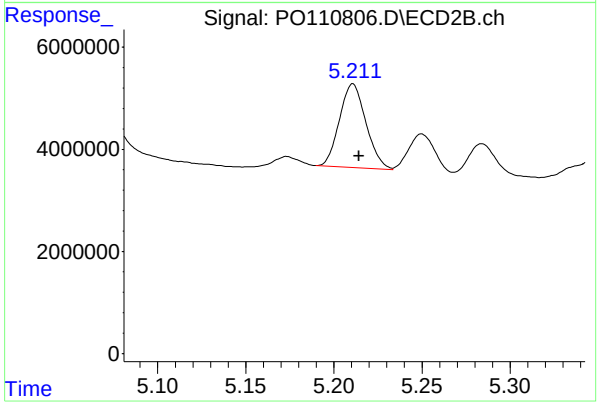
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 23034222
Conc: 130.98 ng/ml



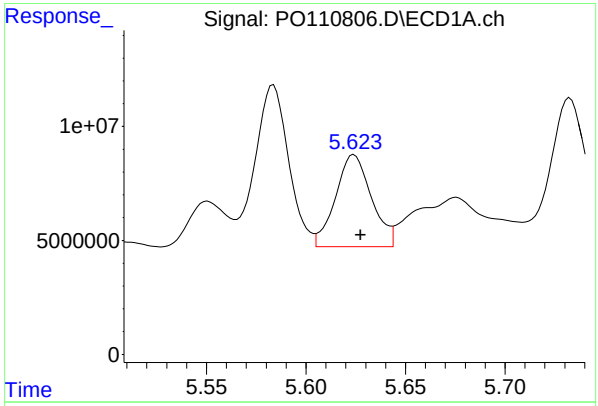
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 83634990
Conc: 160.83 ng/ml



#24 AR-1248-4

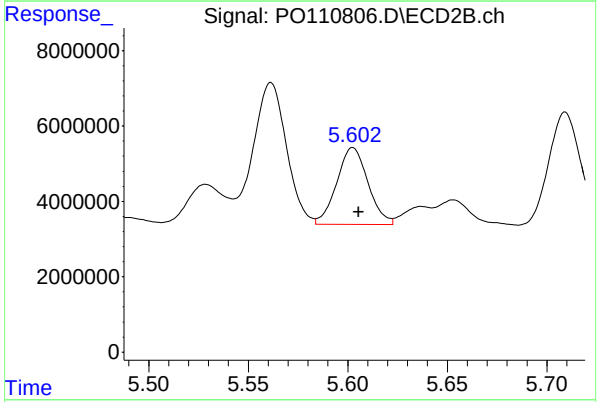
R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 17123654
Conc: 84.07 ng/ml



#25 AR-1248-5

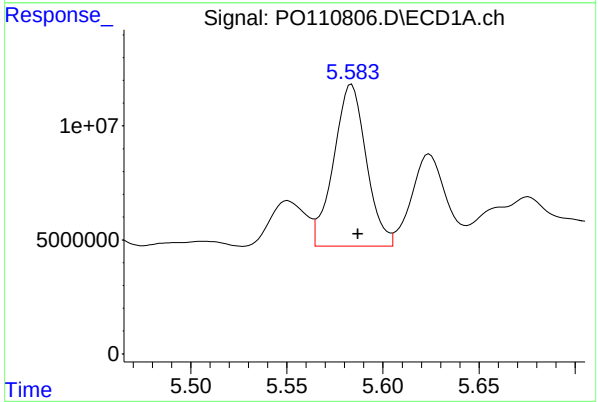
R.T.: 5.624 min
Delta R.T.: -0.003 min
Response: 50701929
Conc: 137.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL2



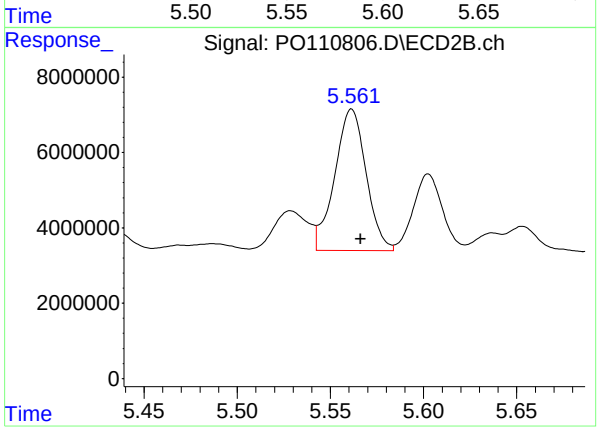
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 22307269
Conc: 113.01 ng/ml



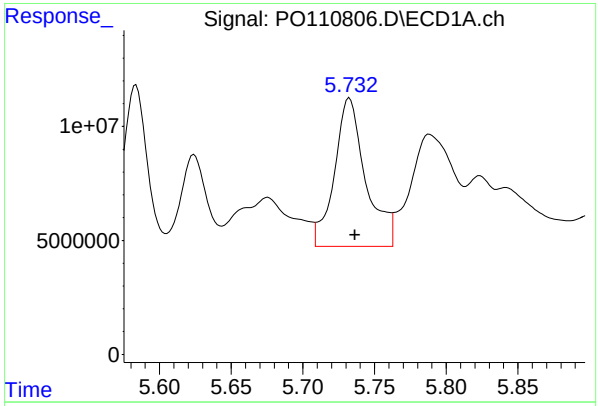
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 83634990
Conc: 149.89 ng/ml



#26 AR-1254-1

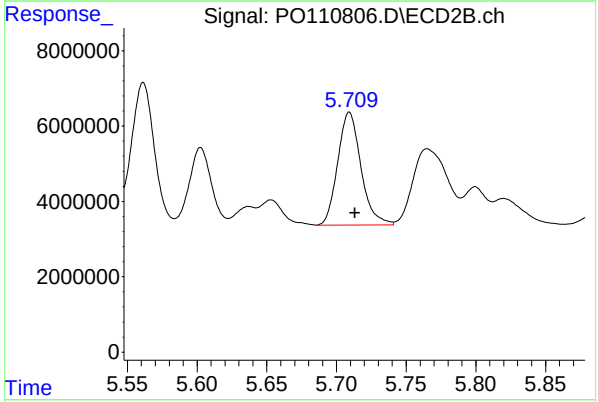
R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 44087336
Conc: 146.23 ng/ml



#27 AR-1254-2

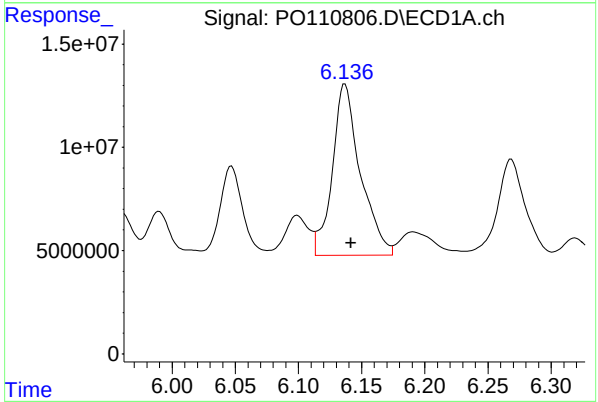
R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 98932799
Conc: 203.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL2



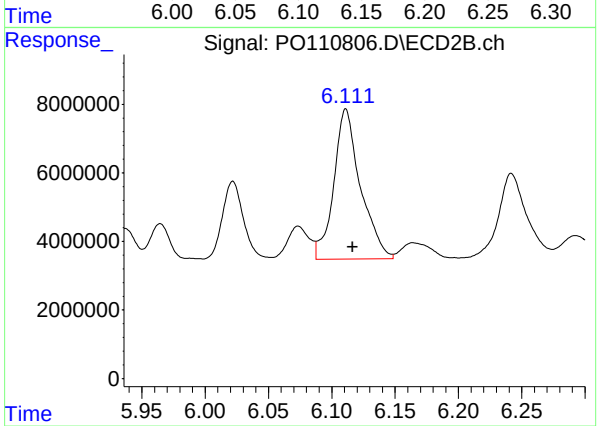
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 34720785
Conc: 131.18 ng/ml



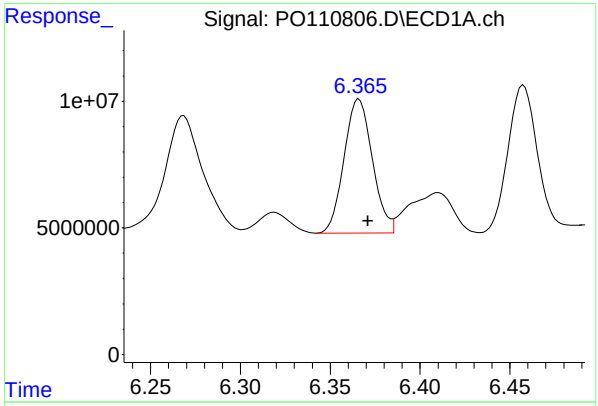
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 128017303
Conc: 163.45 ng/ml



#28 AR-1254-3

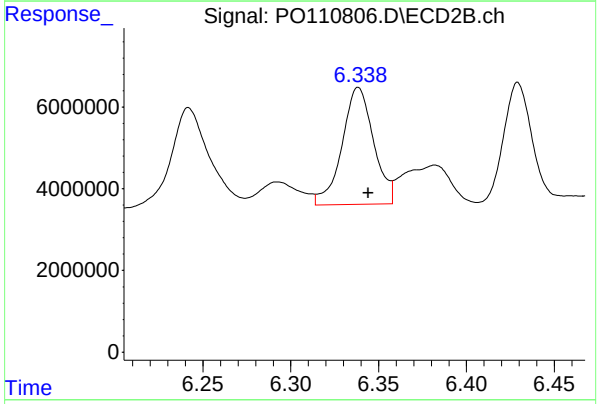
R.T.: 6.111 min
Delta R.T.: -0.005 min
Response: 64277131
Conc: 159.33 ng/ml



#29 AR-1254-4

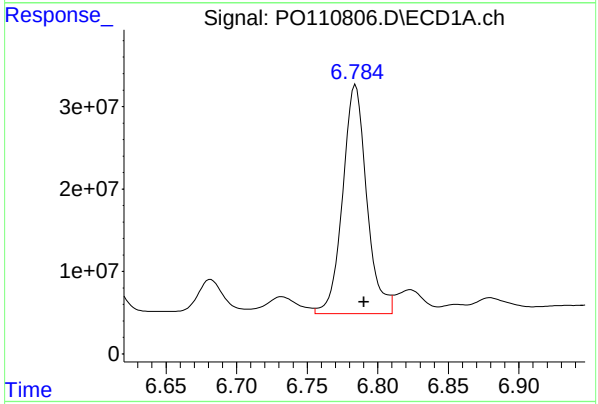
R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 58034383
Conc: 119.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS032-01DL2



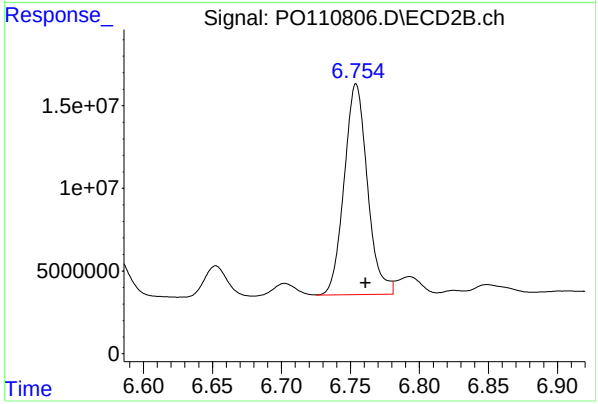
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 35921109
Conc: 156.37 ng/ml



#30 AR-1254-5

R.T.: 6.784 min
Delta R.T.: -0.006 min
Response: 328678034
Conc: 468.94 ng/ml



#30 AR-1254-5

R.T.: 6.754 min
Delta R.T.: -0.007 min
Response: 149924283
Conc: 451.18 ng/ml

Raw Data: **PO110748.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS033-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-39	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110748.D	1	04/25/25 08:20	04/25/25 20:34	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.4	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.4	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.4	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.4	ug/kg
12672-29-6	Aroclor-1248	3900	E	6.70	19.4	ug/kg
11097-69-1	Aroclor-1254	3600	E	3.70	19.4	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.4	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.4	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	30.5		32 - 175	153%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110748.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 20:34
Operator : YP/AJ
Sample : Q1860-39
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:29:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	166.8E6	91353252	19.066	18.308
2)	SA Decachlor...	8.725	8.676	214.5E6	58705712	27.172	30.497
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.763	1865.5E6	999.9E6	8764.813	8684.493
22)	L5 AR-1248-2	5.014	4.999	2863.9E6	1629.7E6	9677.952	10005.573
23)	L5 AR-1248-3	5.230	5.041	3476.9E6	1567.6E6	9397.992	8914.329
24)	L5 AR-1248-4	5.584	5.211	6561.5E6	1913.0E6	12617.456	9392.432m#
25)	L5 AR-1248-5	5.625	5.604	4280.0E6	2239.9E6	11585.550	11347.205
26)	L6 AR-1254-1	5.584	5.563	6561.5E6	3509.2E6	11759.129	11639.214
27)	L6 AR-1254-2	5.733	5.711	4047.6E6	1950.3E6	8333.416	7368.437
28)	L6 AR-1254-3	6.138	6.112	7408.7E6	3882.5E6	9459.220	9624.130
29)	L6 AR-1254-4	6.367	6.341	3525.0E6	1775.1E6	7229.210	7727.339
30)	L6 AR-1254-5	6.786	6.757	7798.4E6	3745.6E6	11126.207	11272.023

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PO110748.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 20:34
Operator : YP/AJ
Sample : Q1860-39
Misc :
ALS Vial : 25 Sample Multiplier: 1

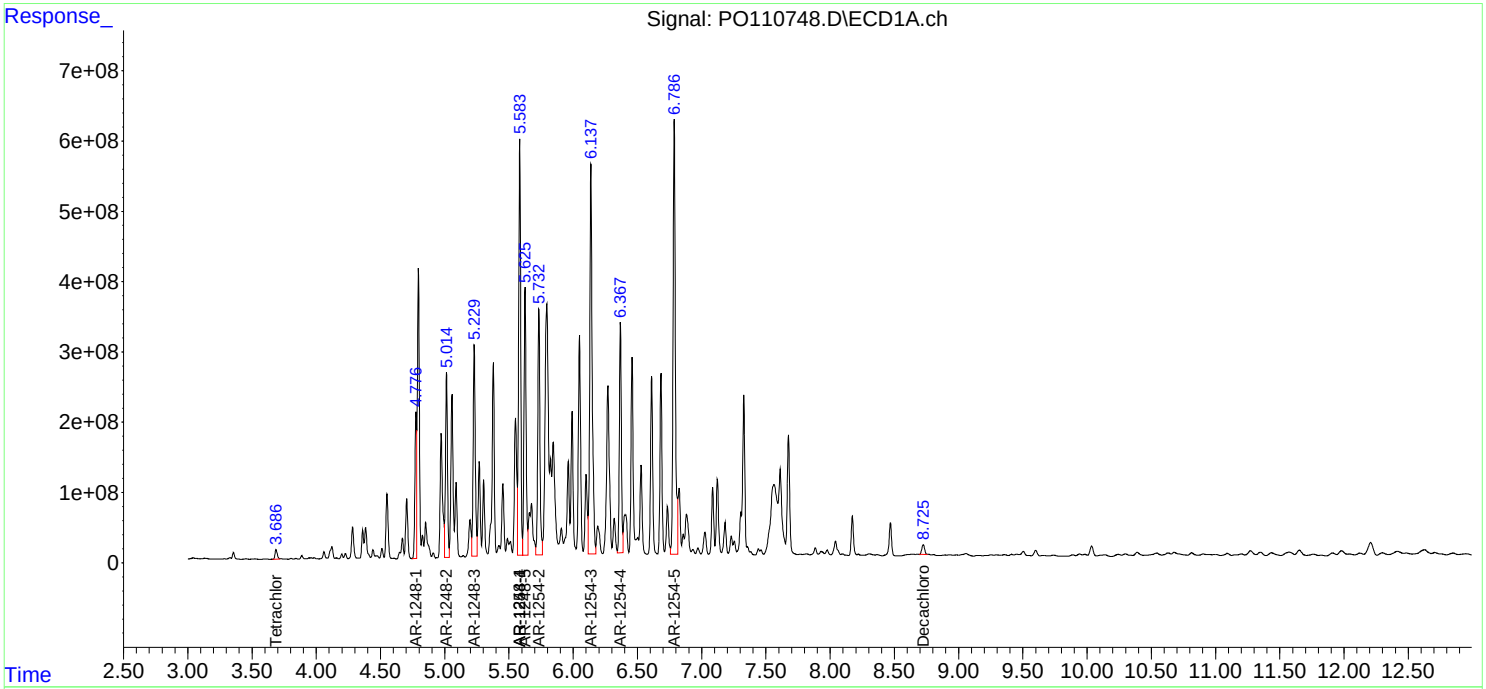
Instrument :
ECD_O
ClientSampleId :
P001-SS033-01

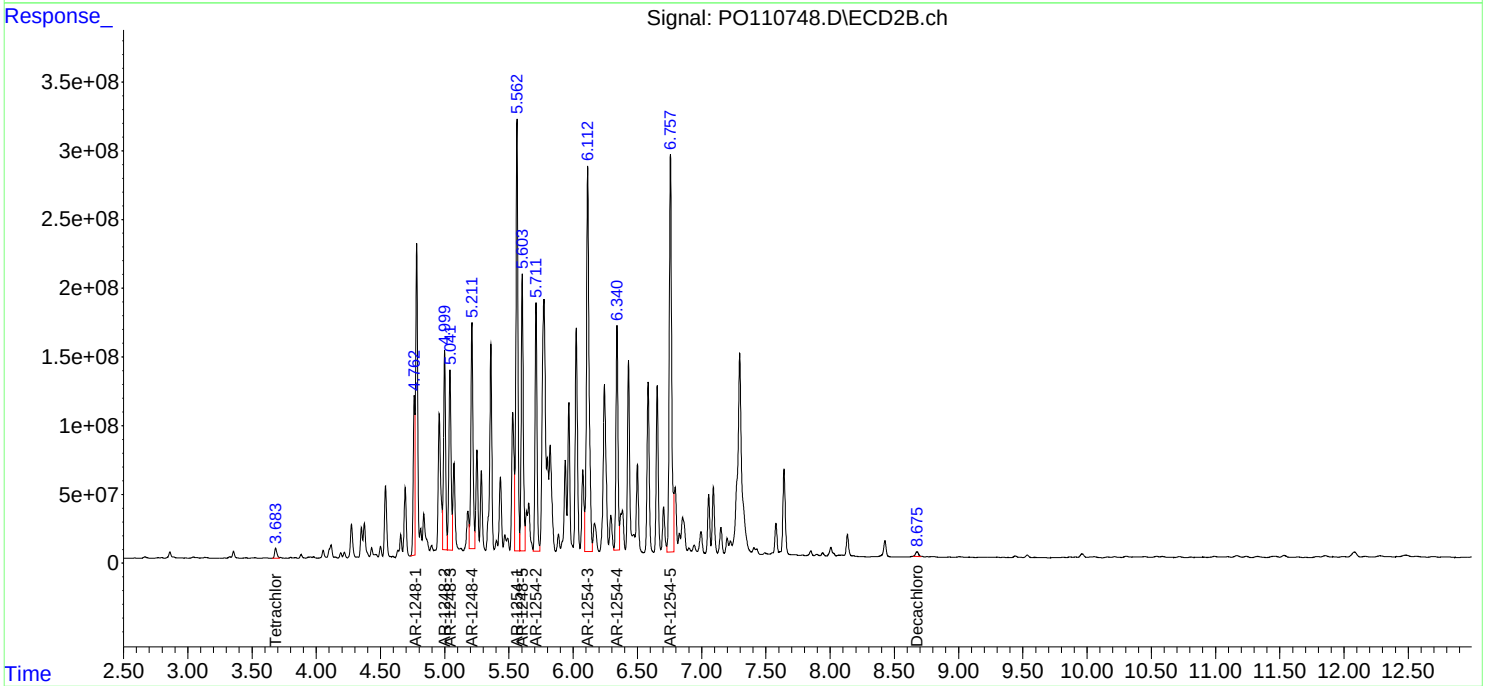
Manual Integrations APPROVED

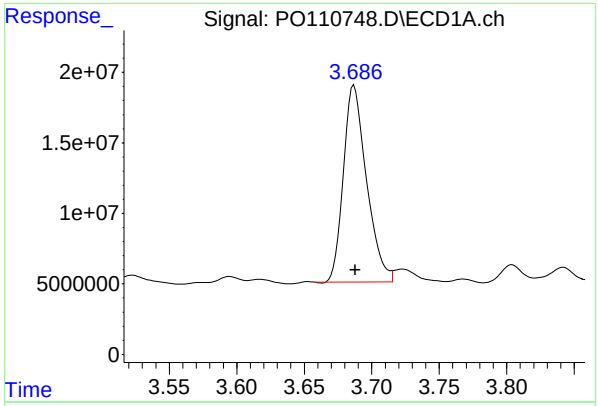
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:29:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







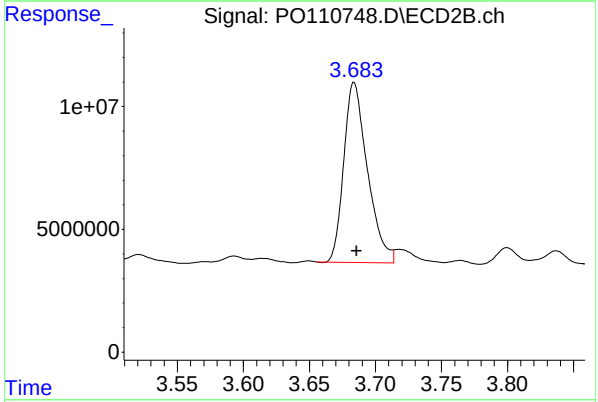
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 166809121
Conc: 19.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01

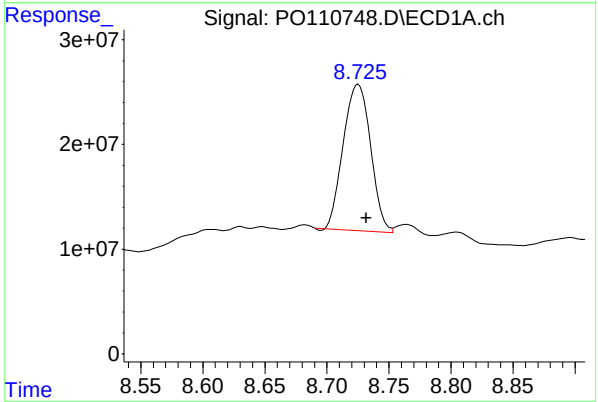
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



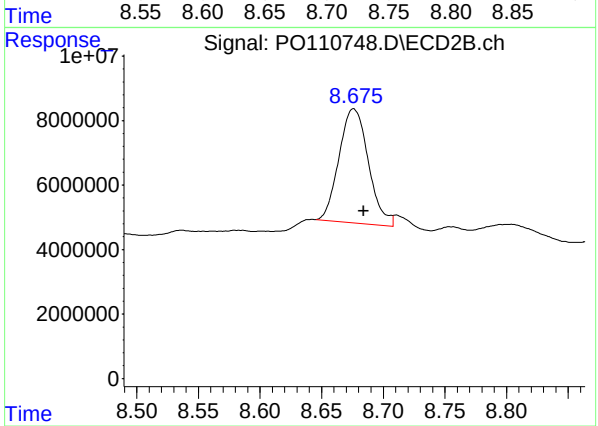
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 91353252
Conc: 18.31 ng/ml



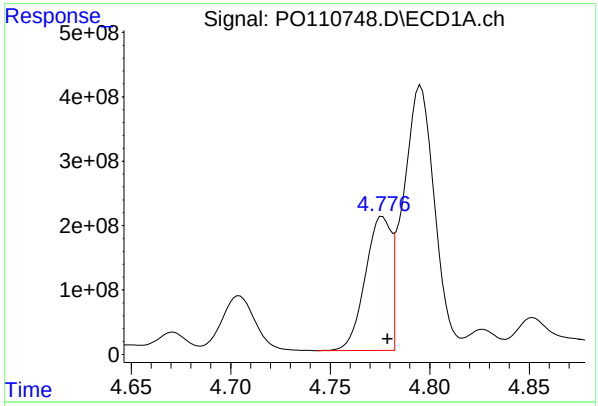
#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.006 min
Response: 214519967
Conc: 27.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.008 min
Response: 58705712
Conc: 30.50 ng/ml



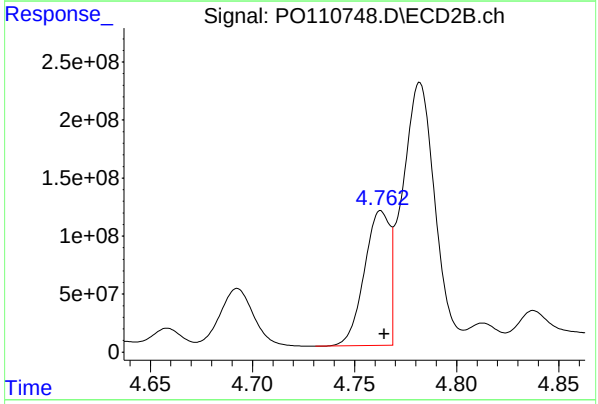
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 1865470414
Conc: 8764.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01

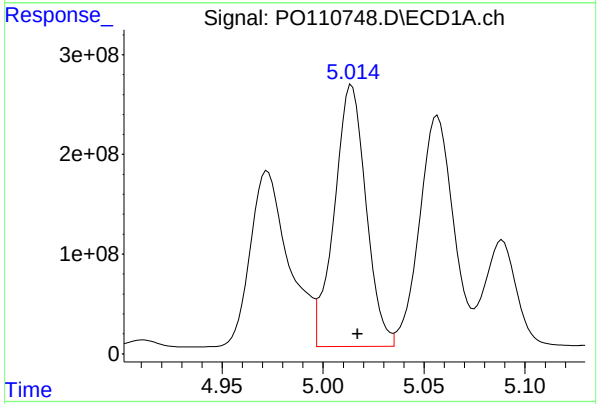
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



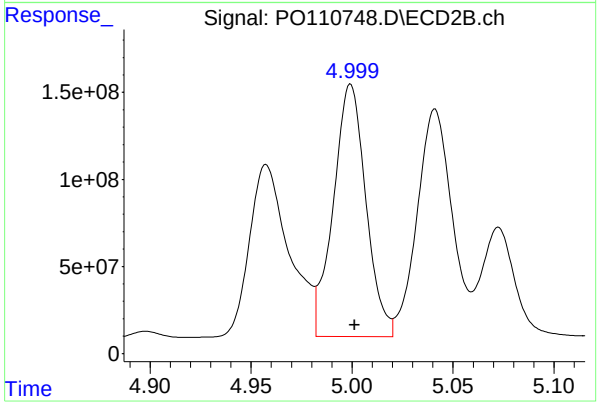
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 999862793
Conc: 8684.49 ng/ml



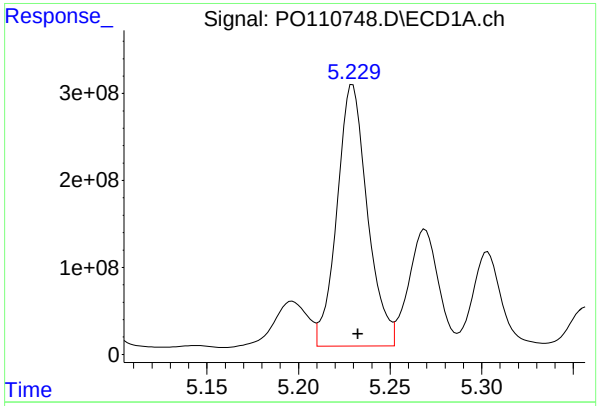
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 2863948230
Conc: 9677.95 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 1629733653
Conc: 10005.57 ng/ml



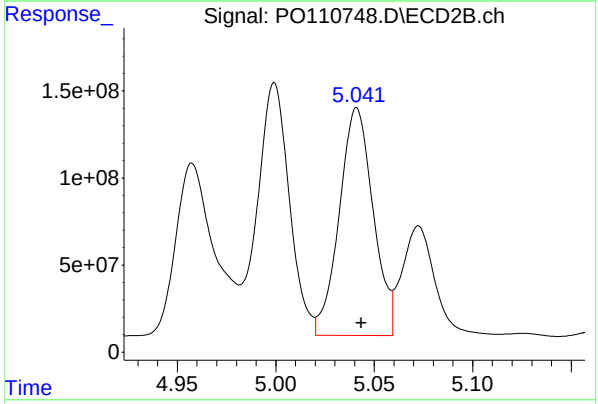
#23 AR-1248-3

R.T.: 5.230 min
Delta R.T.: -0.003 min
Response: 3476894645
Conc: 9397.99 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01

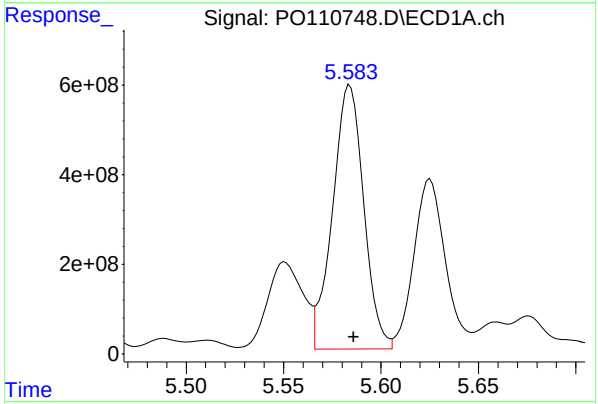
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



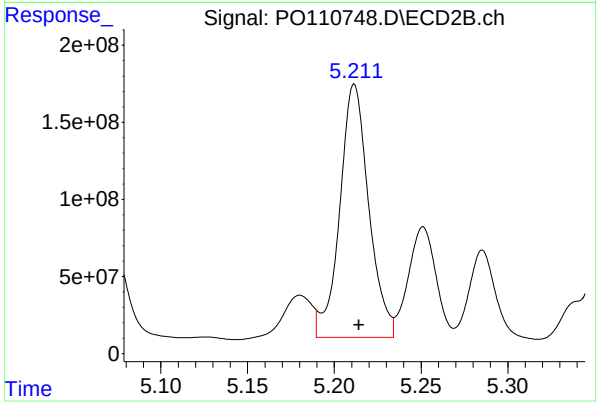
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 1567639026
Conc: 8914.33 ng/ml



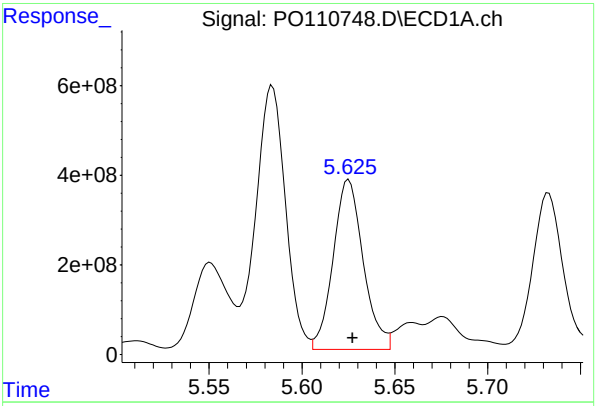
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 6561465616
Conc: 12617.46 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 1913038423
Conc: 9392.43 ng/ml m



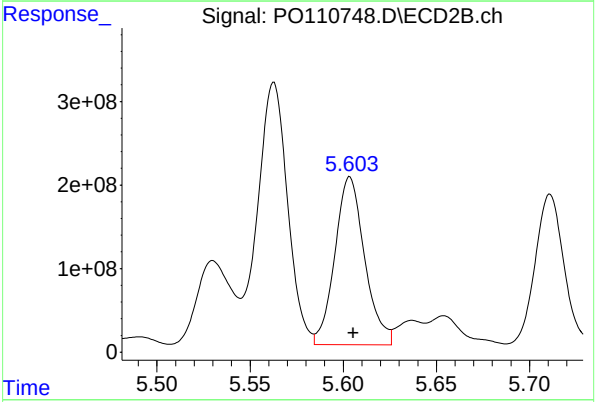
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 4280000960
Conc: 11585.55 ng/

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01

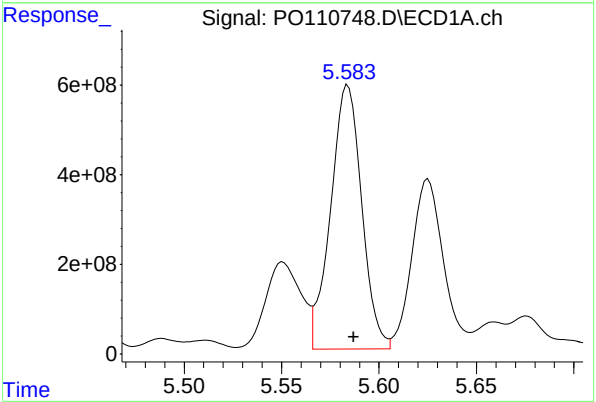
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



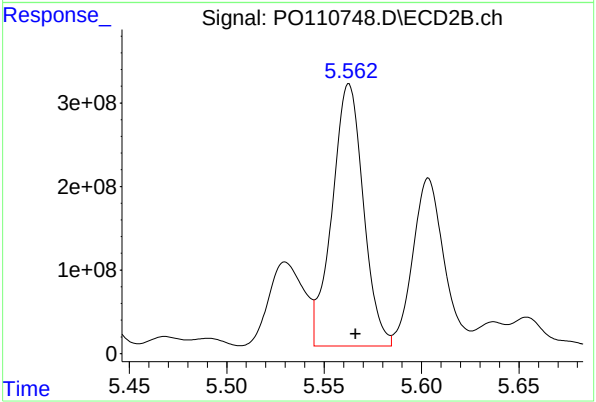
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 2239890662
Conc: 11347.20 ng/ml



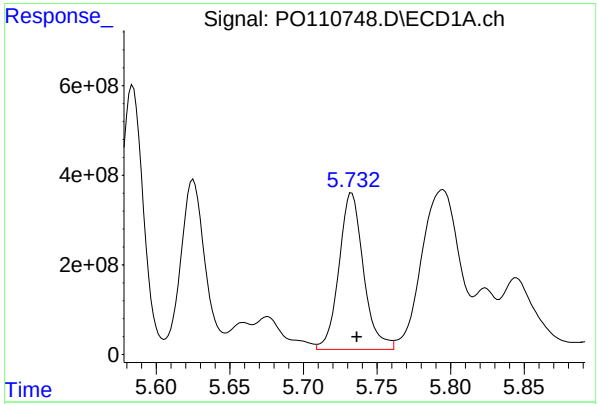
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 6561465616
Conc: 11759.13 ng/ml



#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 3509212568
Conc: 11639.21 ng/ml



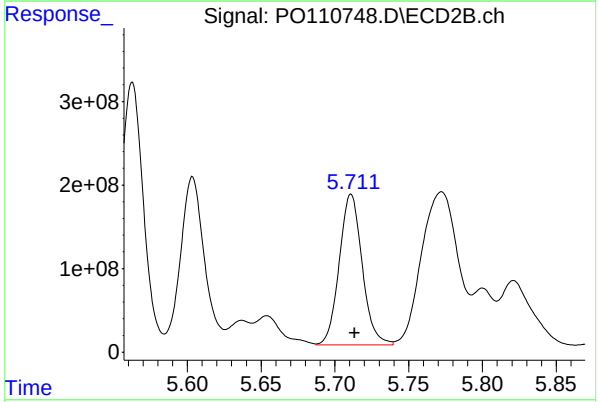
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 4047561694
Conc: 8333.42 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01

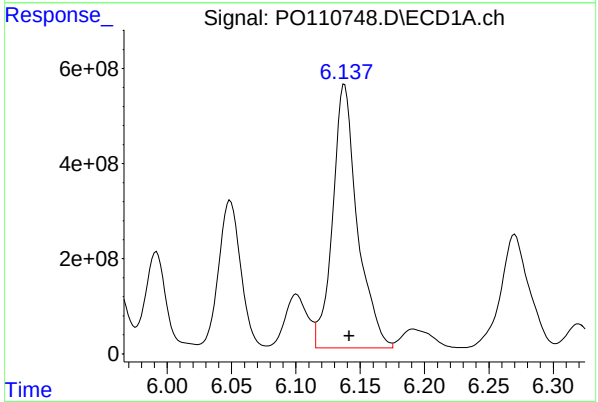
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



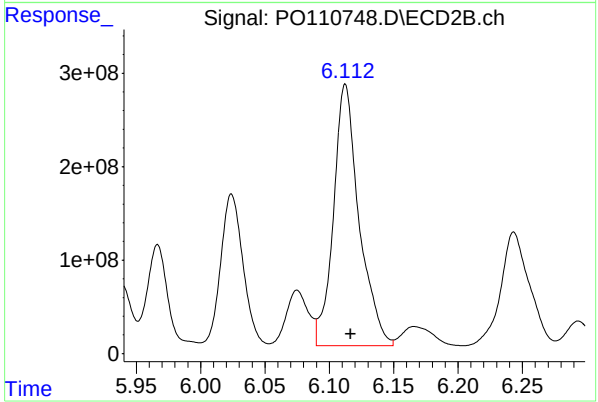
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 1950317189
Conc: 7368.44 ng/ml



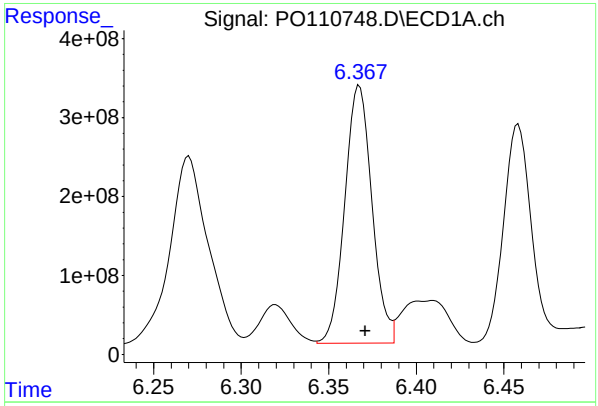
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 7408666649
Conc: 9459.22 ng/ml



#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.004 min
Response: 3882528788
Conc: 9624.13 ng/ml



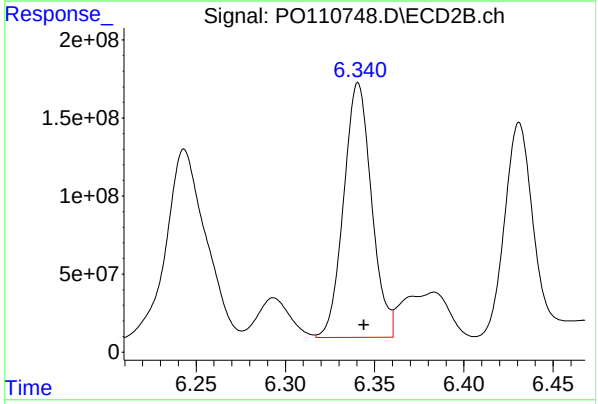
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.003 min
Response: 3525001034
Conc: 7229.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01

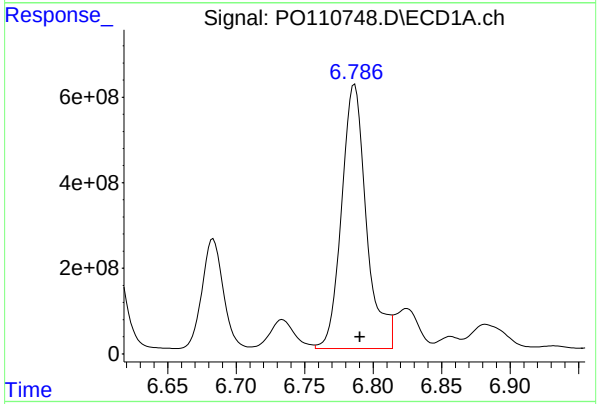
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



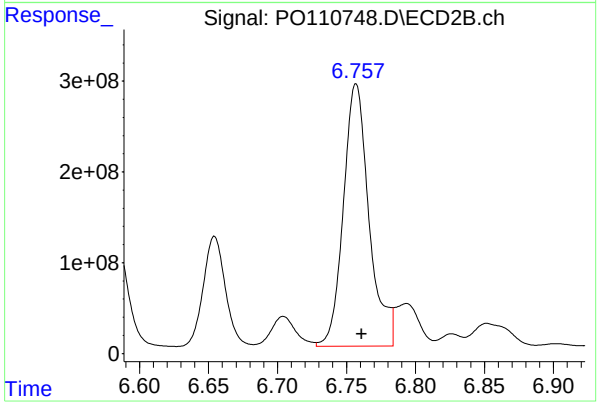
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 1775069371
Conc: 7727.34 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 7798356982
Conc: 11126.21 ng/ml



#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 3745600043
Conc: 11272.02 ng/ml

Raw Data: **PO110807.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS033-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-39DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110807.D	20	04/25/25 08:20	04/28/25 17:17	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	89.9	UD	89.9	387	ug/kg
11104-28-2	Aroclor-1221	91.8	UD	91.8	387	ug/kg
11141-16-5	Aroclor-1232	84.7	UD	84.7	387	ug/kg
53469-21-9	Aroclor-1242	91.3	UD	91.3	387	ug/kg
12672-29-6	Aroclor-1248	4900	D	135	387	ug/kg
11097-69-1	Aroclor-1254	4000	D	73.1	387	ug/kg
37324-23-5	Aroclor-1262	114	UD	114	387	ug/kg
11100-14-4	Aroclor-1268	82.0	UD	82.0	387	ug/kg
11096-82-5	Aroclor-1260	73.5	UD	73.5	387	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		32 - 144	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	36.2	*	32 - 175	181%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110807.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 17:17
Operator : YP/AJ
Sample : Q1860-39DL 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:56:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	9635653	5093831	1.101	1.021
2)	SA Decachlor...	8.726	8.676	14265572	3465486	1.807	1.800
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.762	114.7E6	58914175	538.852	511.710
22)	L5 AR-1248-2	5.014	4.999	184.4E6	96223595	623.195	590.754
23)	L5 AR-1248-3	5.229	5.040	225.6E6	91542144	609.759	520.551
24)	L5 AR-1248-4	5.583	5.211	391.2E6	113.3E6	752.259	556.099m#
25)	L5 AR-1248-5	5.624	5.603	252.8E6	122.7E6	684.234	621.697
26)	L6 AR-1254-1	5.583	5.562	391.2E6	193.1E6	701.086	640.560
27)	L6 AR-1254-2	5.732	5.710	237.0E6	112.8E6	488.046	426.350
28)	L6 AR-1254-3	6.137	6.111	398.9E6	207.1E6	509.316	513.360
29)	L6 AR-1254-4	6.367	6.339	194.3E6	97430159	398.396	424.139
30)	L6 AR-1254-5	6.786	6.756	356.4E6	170.7E6	508.463	513.562

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110807.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 17:17
Operator : YP/AJ
Sample : Q1860-39DL 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

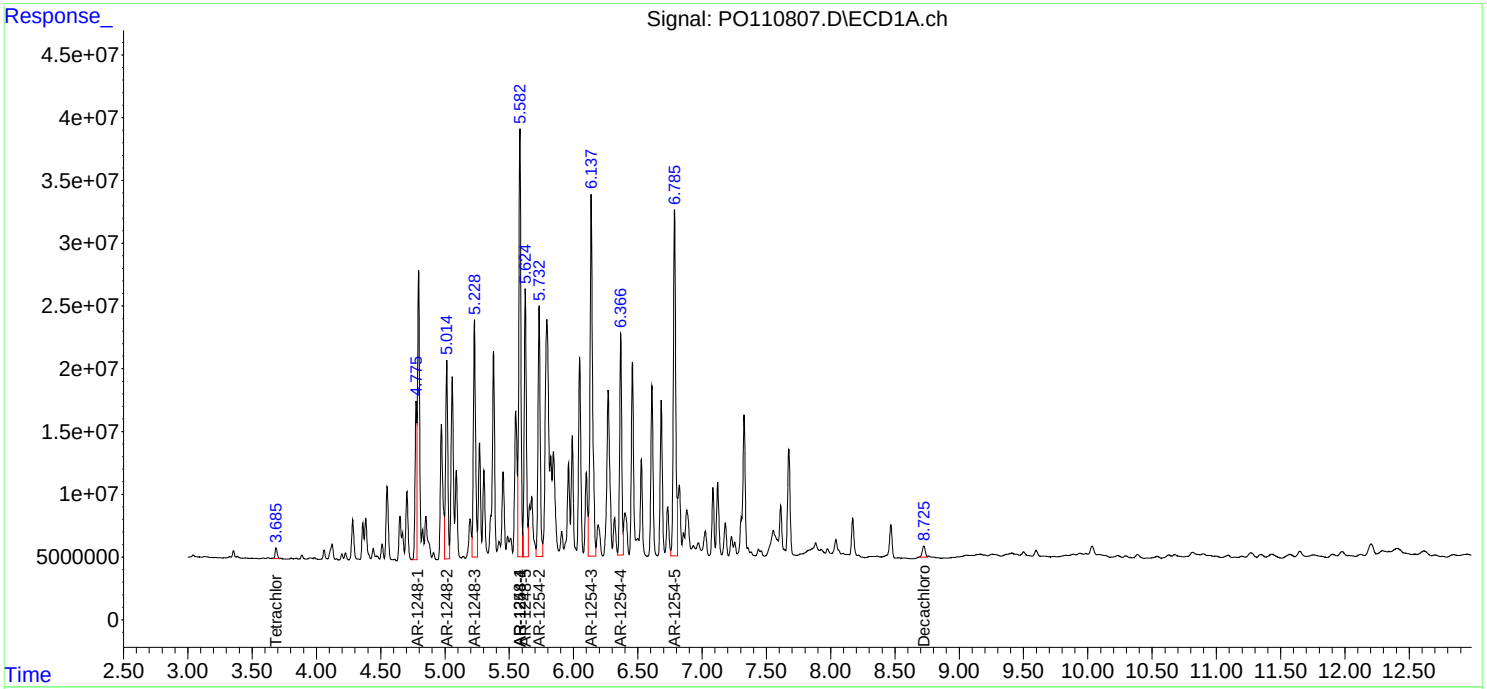
Instrument :
ECD_O
ClientSampleId :
P001-SS033-01DL

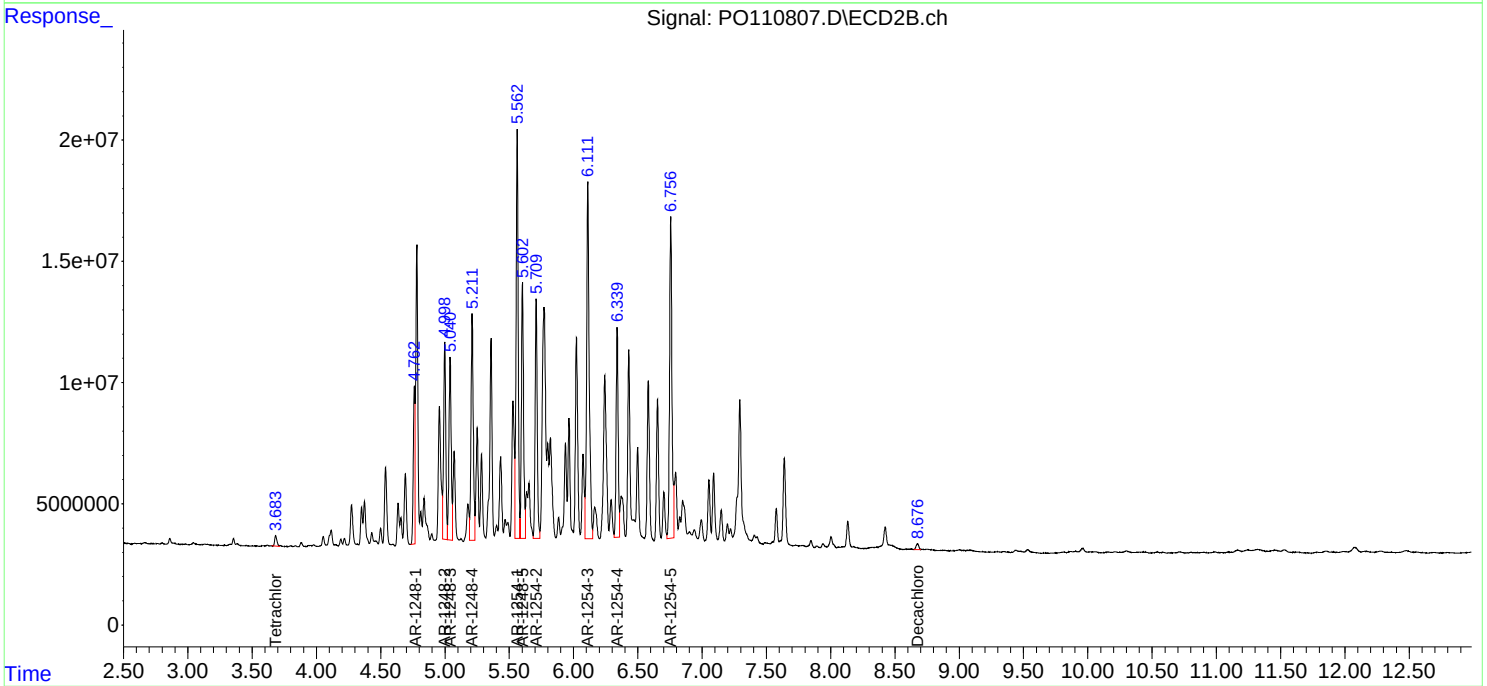
Manual Integrations APPROVED

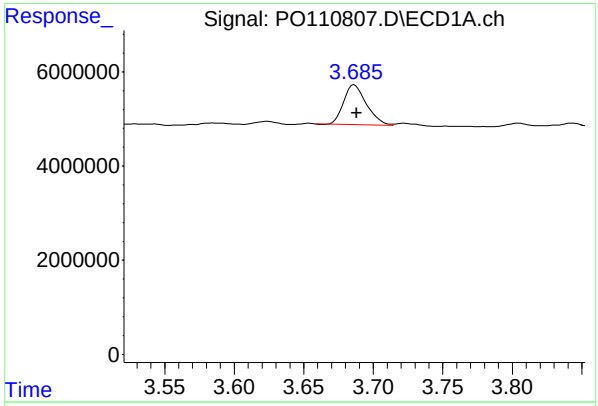
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:56:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







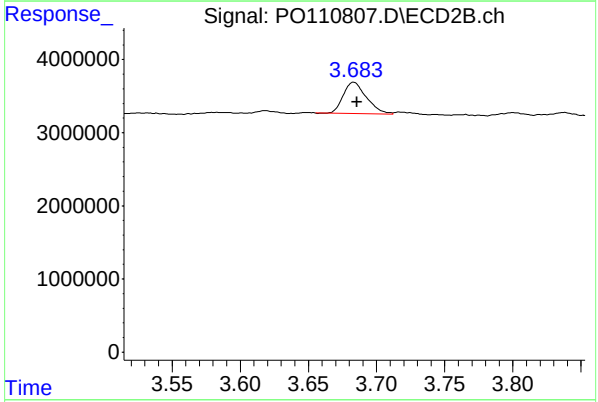
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 9635653
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01DL

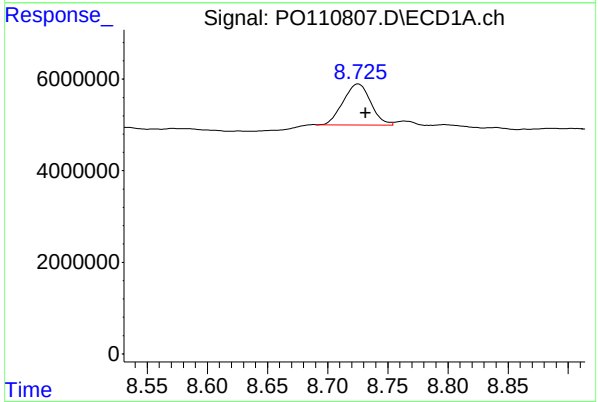
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



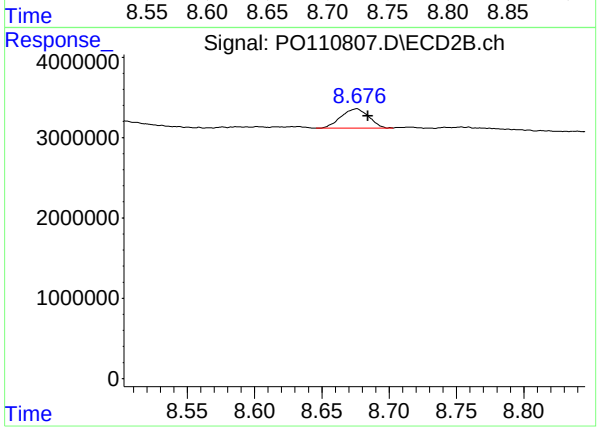
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 5093831
Conc: 1.02 ng/ml



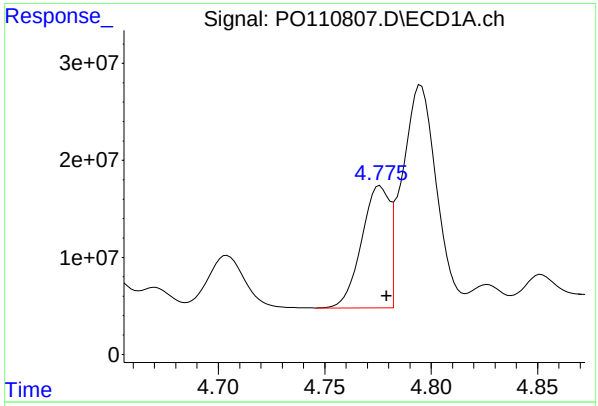
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.006 min
Response: 14265572
Conc: 1.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.008 min
Response: 3465486
Conc: 1.80 ng/ml



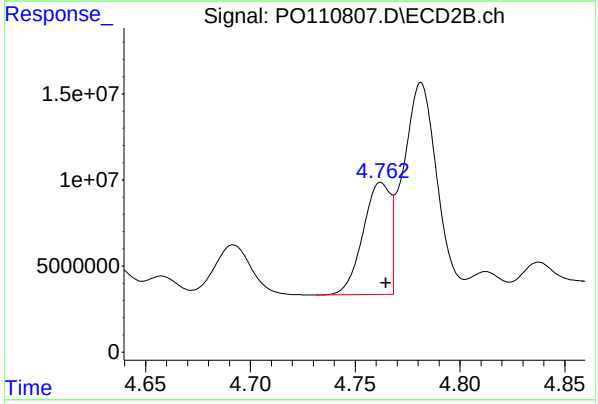
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 114687261
Conc: 538.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01DL

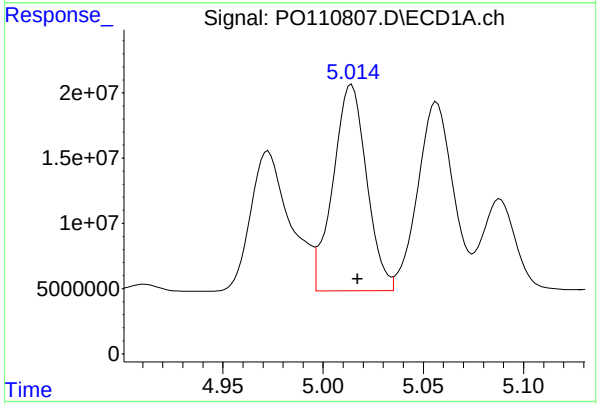
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



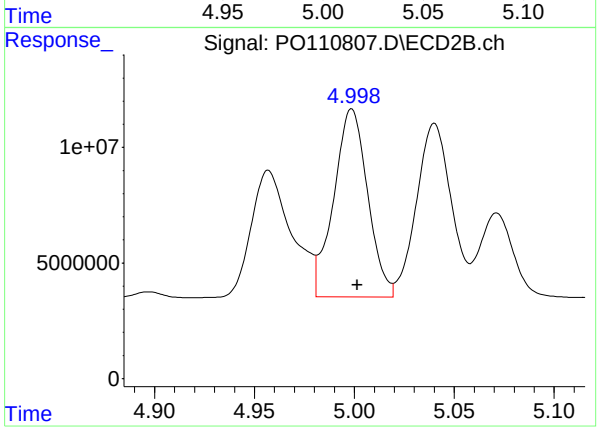
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 58914175
Conc: 511.71 ng/ml



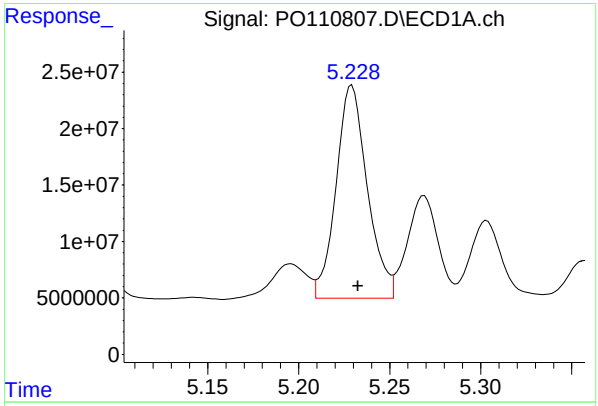
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 184418934
Conc: 623.19 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 96223595
Conc: 590.75 ng/ml



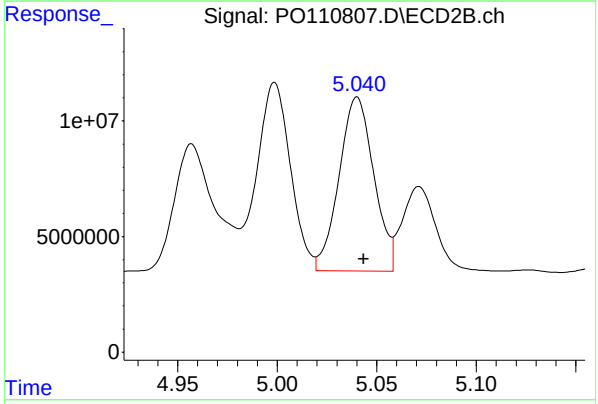
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 225587451
Conc: 609.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01DL

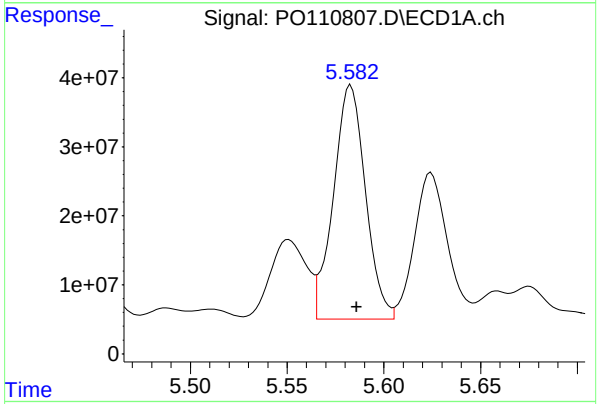
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



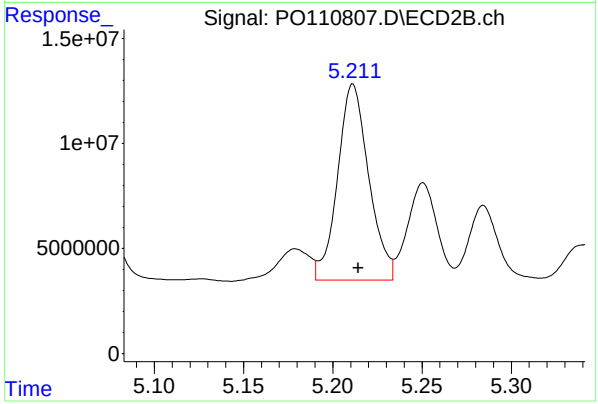
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 91542144
Conc: 520.55 ng/ml



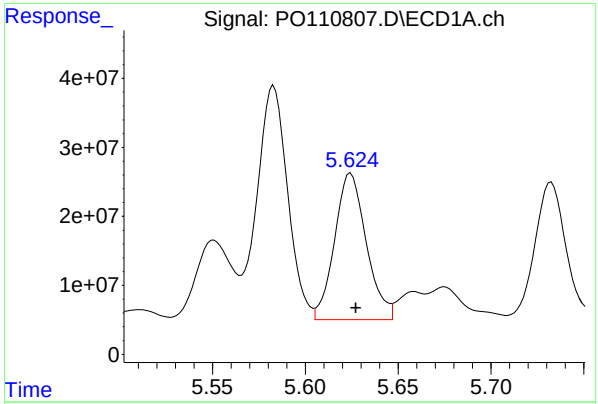
#24 AR-1248-4

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 391198095
Conc: 752.26 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 113265441
Conc: 556.10 ng/ml m



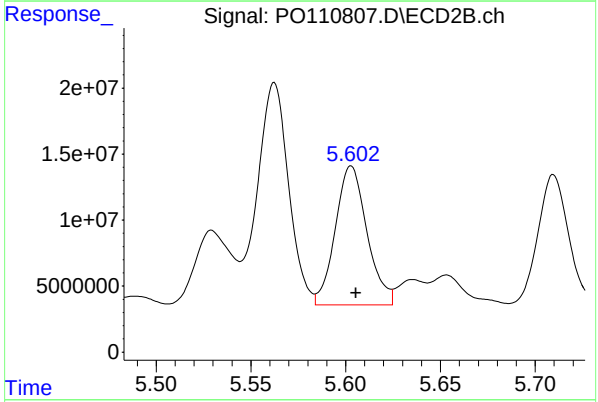
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: -0.003 min
Response: 252773817
Conc: 684.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01DL

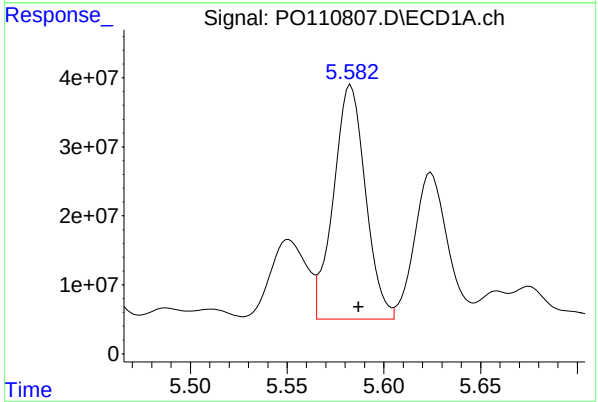
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



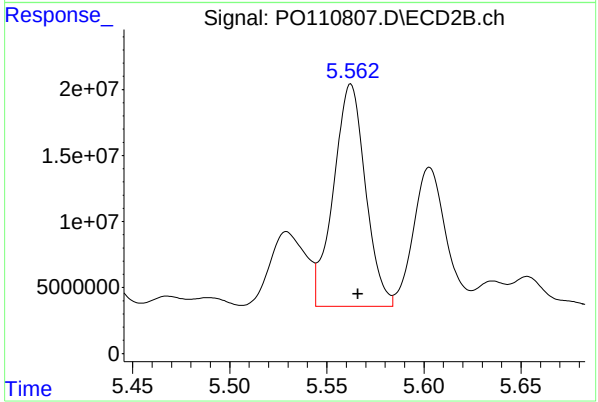
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 122720364
Conc: 621.70 ng/ml



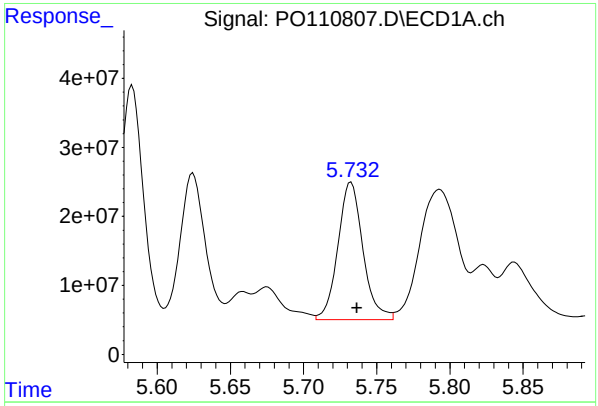
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 391198095
Conc: 701.09 ng/ml



#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 193128402
Conc: 640.56 ng/ml



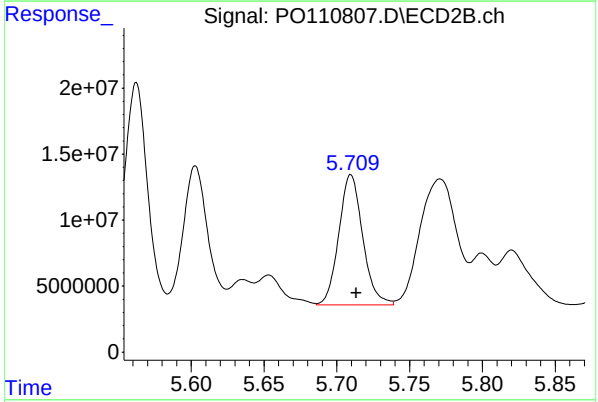
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 237045328
Conc: 488.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01DL

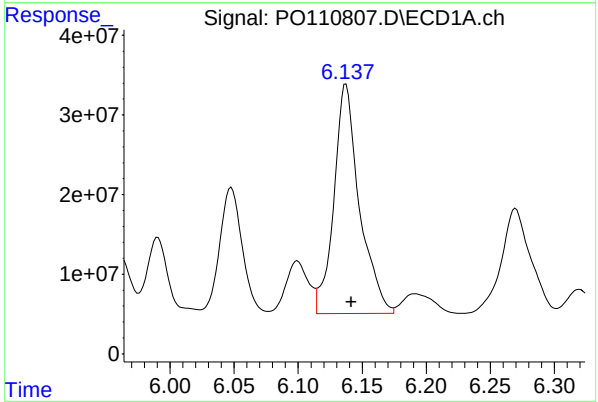
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



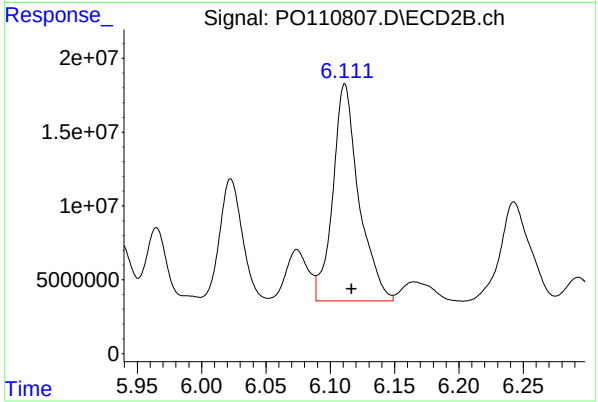
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 112848568
Conc: 426.35 ng/ml



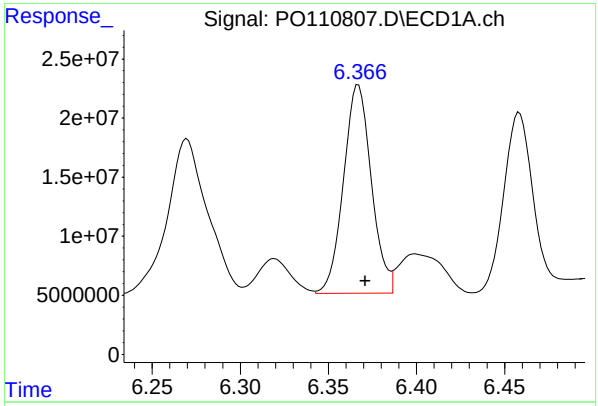
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 398907556
Conc: 509.32 ng/ml



#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.005 min
Response: 207097617
Conc: 513.36 ng/ml



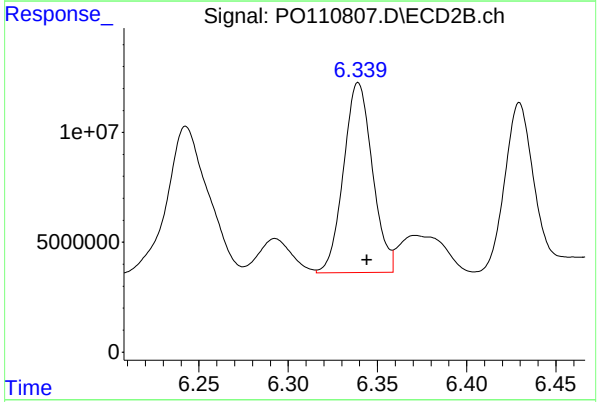
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 194259993
Conc: 398.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS033-01DL

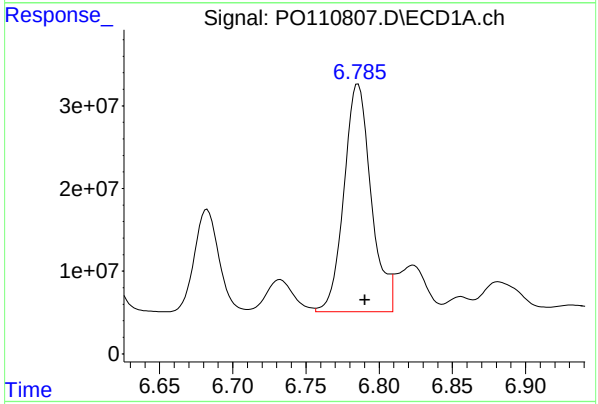
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



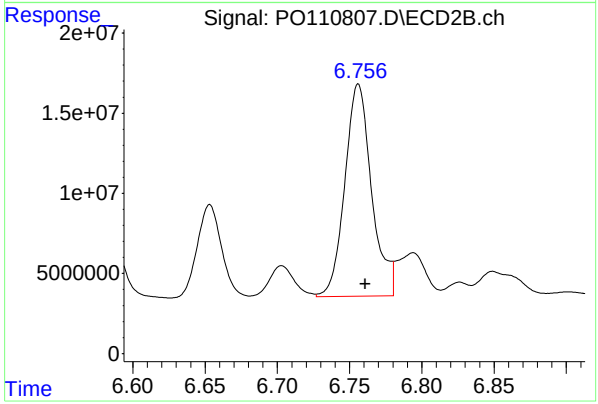
#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 97430159
Conc: 424.14 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.005 min
Response: 356381430
Conc: 508.46 ng/ml



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 170652410
Conc: 513.56 ng/ml

Raw Data: **PO110749.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS034-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-40	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110749.D	1	04/25/25 08:20	04/25/25 20:53	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.3	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.3	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.3	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.3	ug/kg
12672-29-6	Aroclor-1248	1700	E	6.70	19.3	ug/kg
11097-69-1	Aroclor-1254	2700	E	3.60	19.3	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.3	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.3	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.7		32 - 144	69%	SPK: 20
2051-24-3	Decachlorobiphenyl	26.8		32 - 175	134%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110749.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 20:53
Operator : YP/AJ
Sample : Q1860-40
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	111.5E6	68572360	12.744	13.743
2)	SA Decachlor...	8.727	8.680	200.0E6	51618192	25.335	26.815
	Target Compounds						
21)	L5 AR-1248-1	4.777	4.763	469.4E6	247.0E6	2205.248	2144.958
22)	L5 AR-1248-2	5.015	4.999	1529.2E6	827.1E6	5167.466	5077.991
23)	L5 AR-1248-3	5.230	5.040	1396.4E6	710.0E6	3774.397	4037.639
24)	L5 AR-1248-4	5.584	5.212	3642.0E6	769.0E6	7003.361	3775.321m#
25)	L5 AR-1248-5	5.625	5.604	1780.5E6	949.2E6	4819.702	4808.725
26)	L6 AR-1254-1	5.584	5.563	3642.0E6	1955.1E6	6526.944	6484.519
27)	L6 AR-1254-2	5.734	5.711	3184.9E6	1622.8E6	6557.252	6130.994
28)	L6 AR-1254-3	6.138	6.113	6450.4E6	3321.3E6	8235.699	8232.847
29)	L6 AR-1254-4	6.368	6.341	2864.4E6	1401.2E6	5874.441	6099.768
30)	L6 AR-1254-5	6.787	6.758	5480.9E6	2624.2E6	7819.819	7897.157

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 20:53
Operator : YP/AJ
Sample : Q1860-40
Misc :
ALS Vial : 26 Sample Multiplier: 1

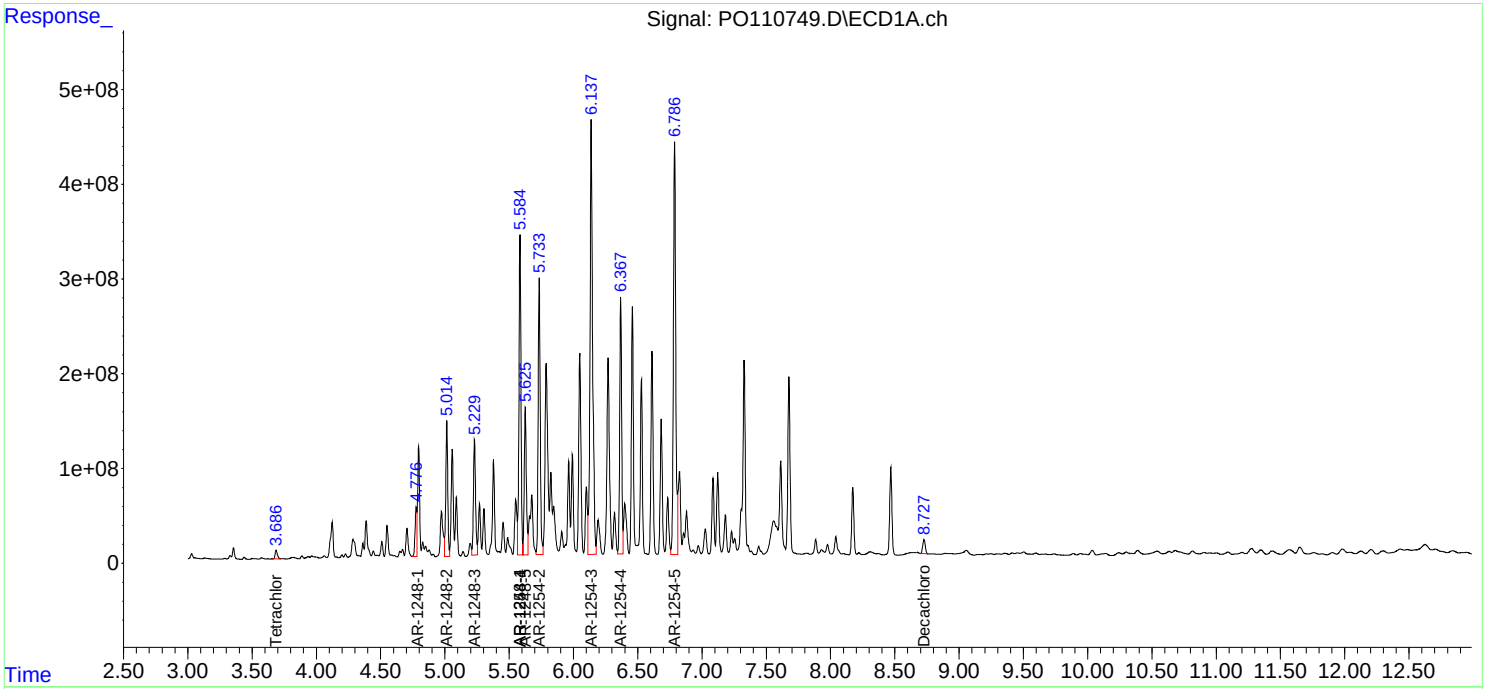
Instrument :
ECD_O
ClientSampleId :
P001-SS034-01

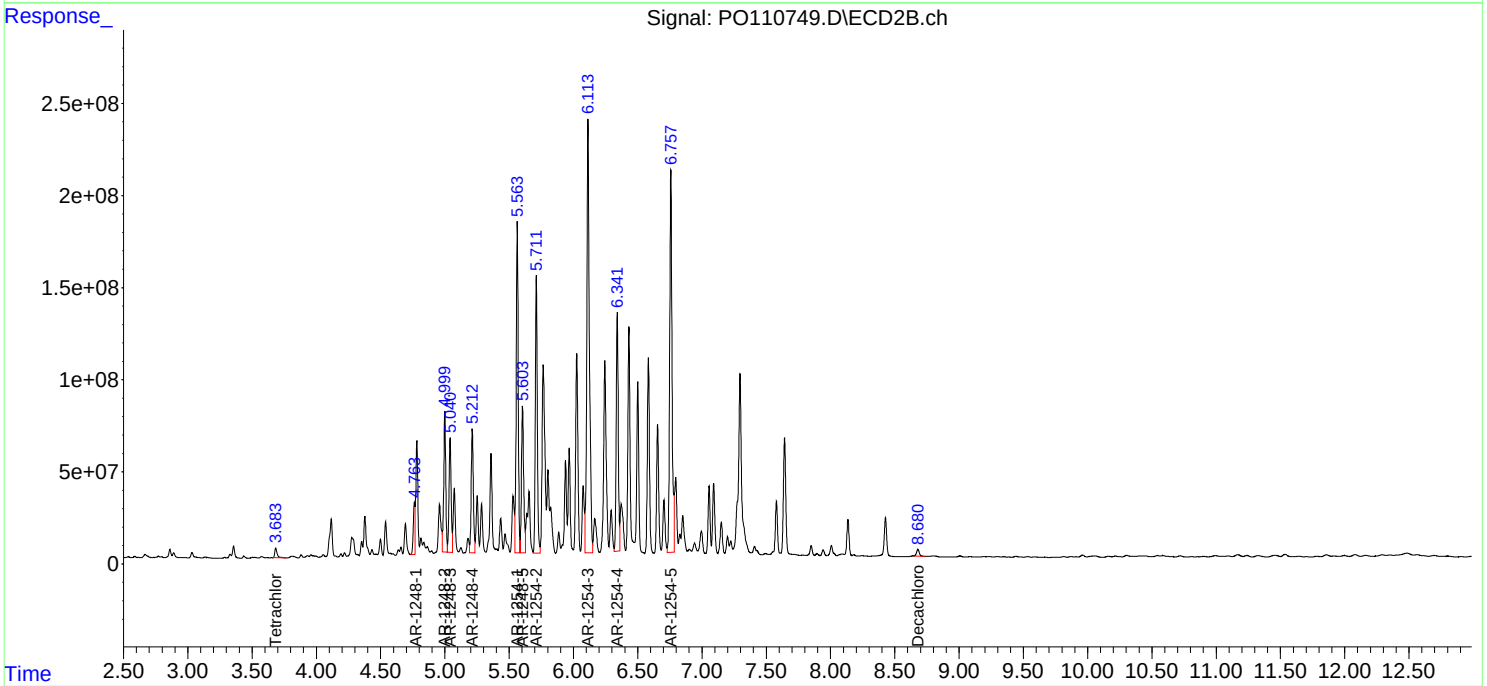
Manual Integrations APPROVED

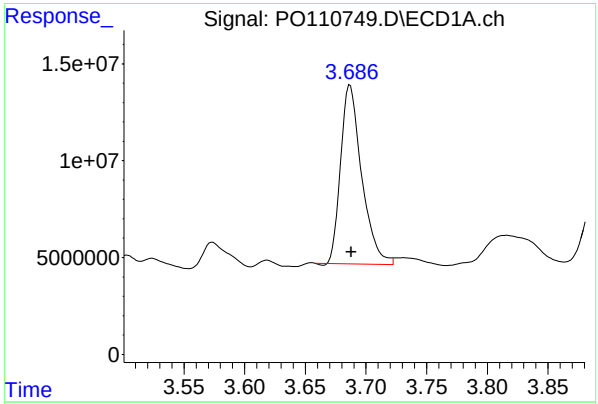
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







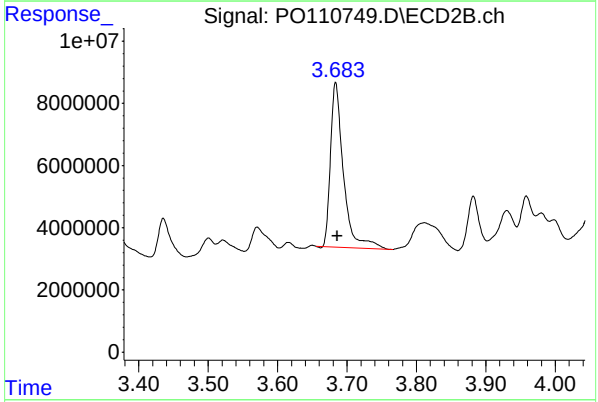
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 111501554
Conc: 12.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01

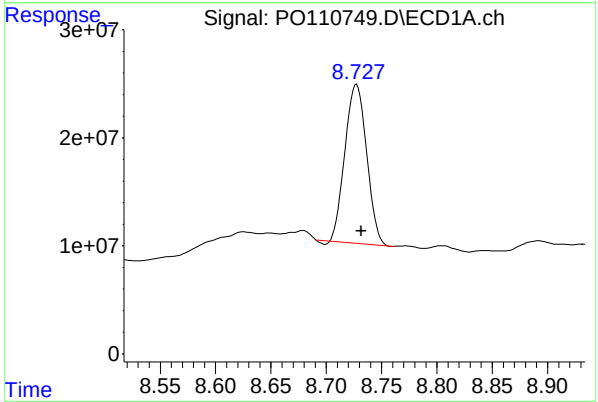
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



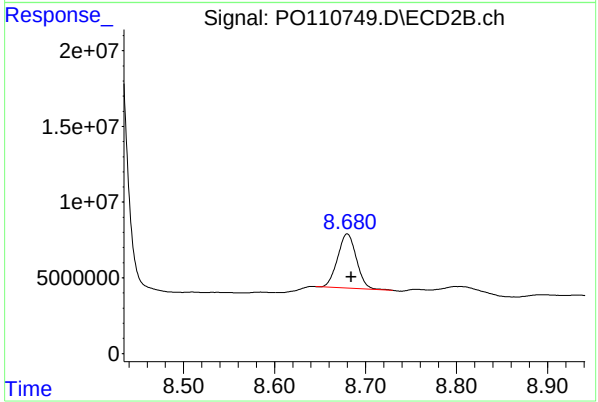
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 68572360
Conc: 13.74 ng/ml



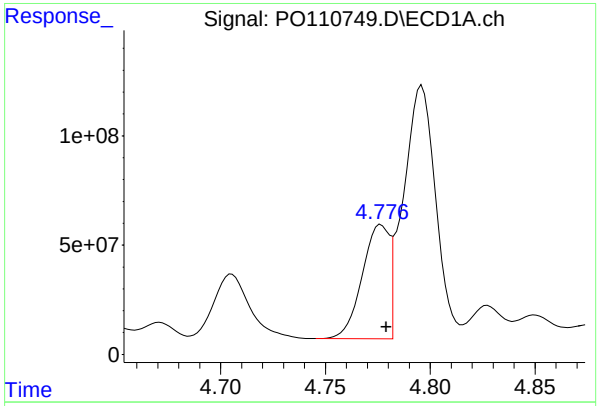
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 200017867
Conc: 25.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 51618192
Conc: 26.81 ng/ml



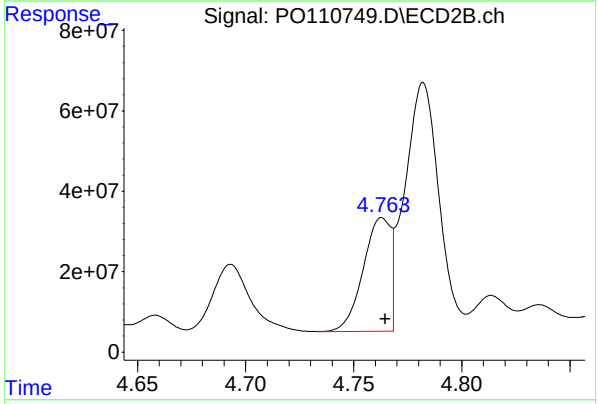
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 469356858
Conc: 2205.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01

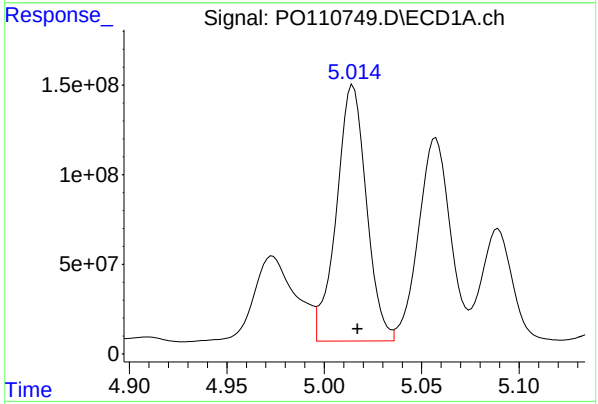
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



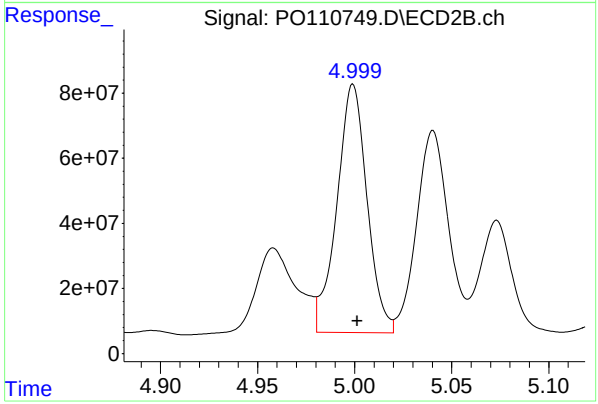
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.001 min
Response: 246953291
Conc: 2144.96 ng/ml



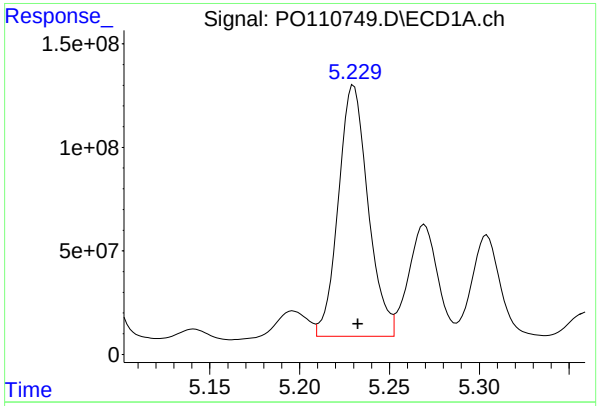
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 1529182576
Conc: 5167.47 ng/ml



#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 827116371
Conc: 5077.99 ng/ml



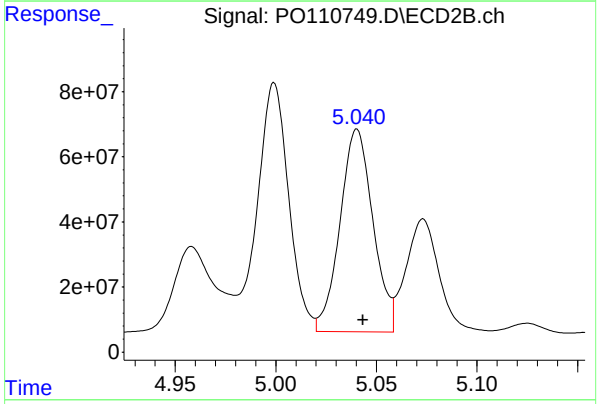
#23 AR-1248-3

R.T.: 5.230 min
Delta R.T.: -0.002 mi
Response: 1396381385
Conc: 3774.40 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01

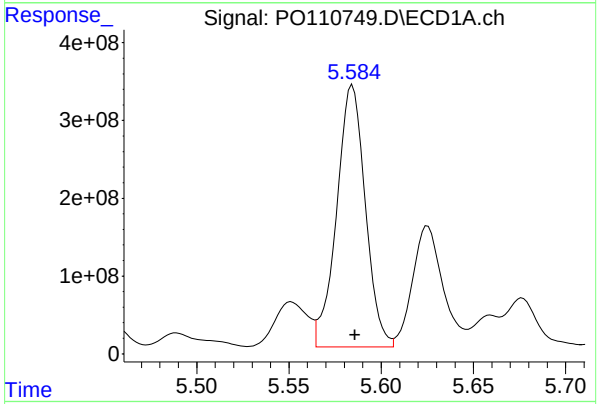
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



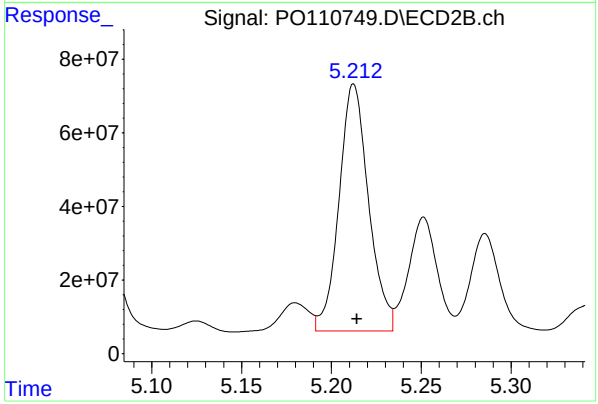
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 710043496
Conc: 4037.64 ng/ml



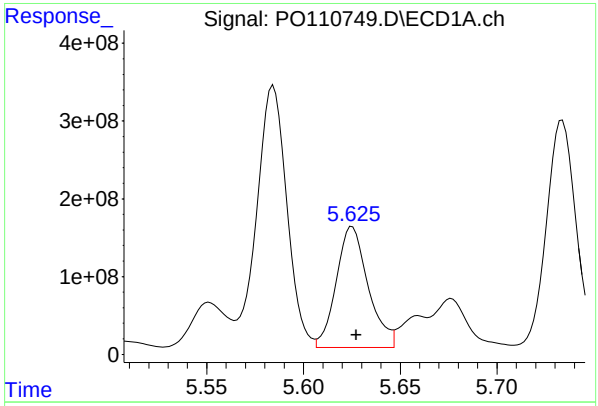
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 3641963686
Conc: 7003.36 ng/ml



#24 AR-1248-4

R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 768952622
Conc: 3775.32 ng/ml m



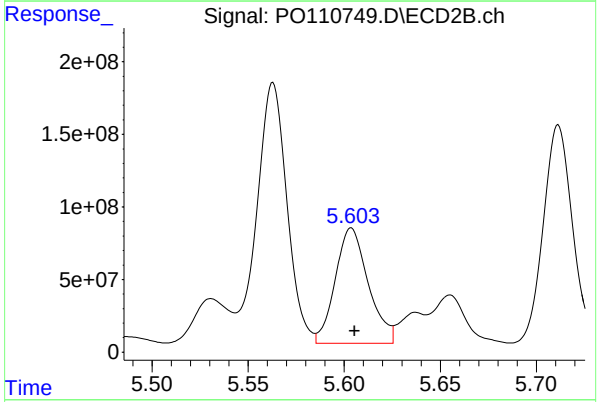
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 1780522159
Conc: 4819.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01

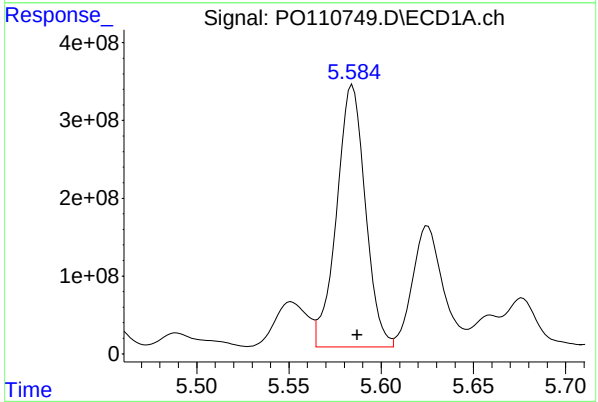
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



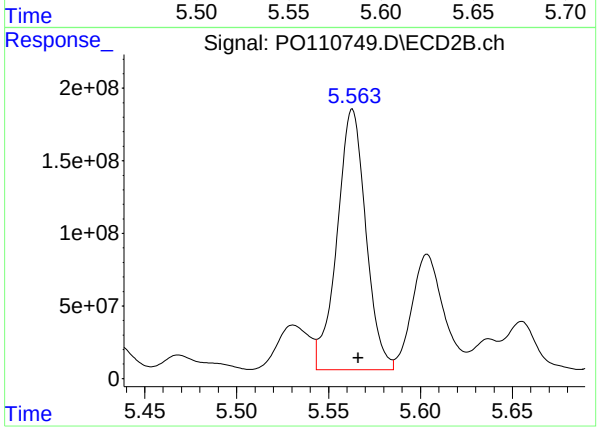
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 949222220
Conc: 4808.73 ng/ml



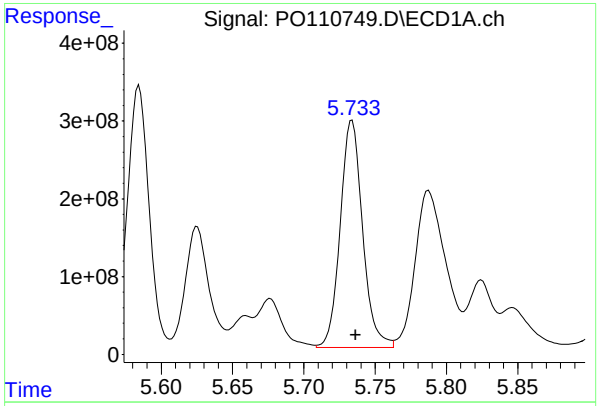
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 3641963686
Conc: 6526.94 ng/ml



#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 1955076776
Conc: 6484.52 ng/ml



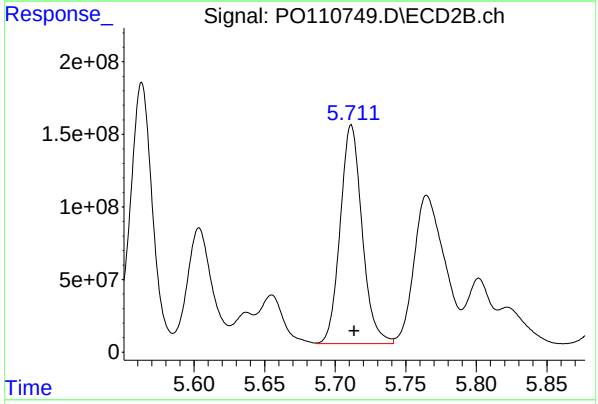
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.003 min
Response: 3184874093
Conc: 6557.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01

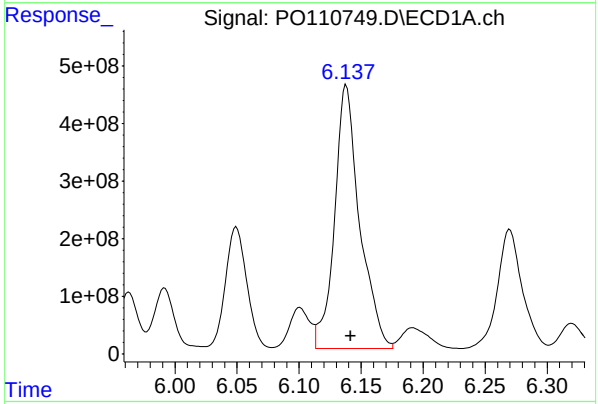
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



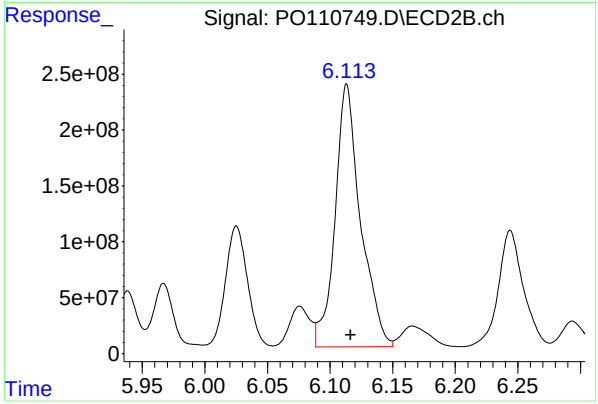
#27 AR-1254-2

R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 1622784321
Conc: 6130.99 ng/ml



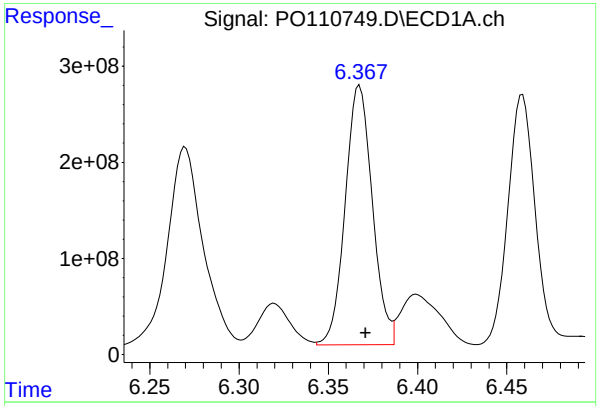
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 6450378183
Conc: 8235.70 ng/ml



#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.003 min
Response: 3321263002
Conc: 8232.85 ng/ml



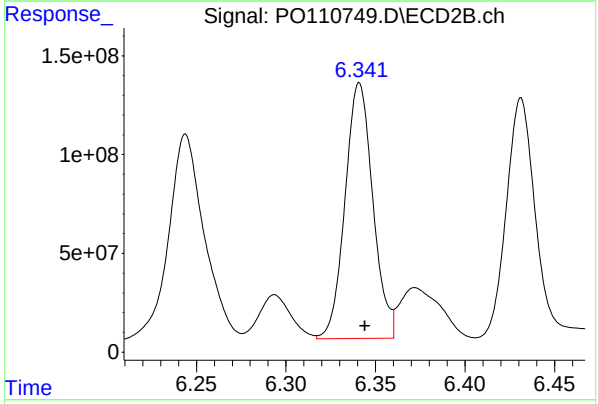
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 2864408133
Conc: 5874.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01

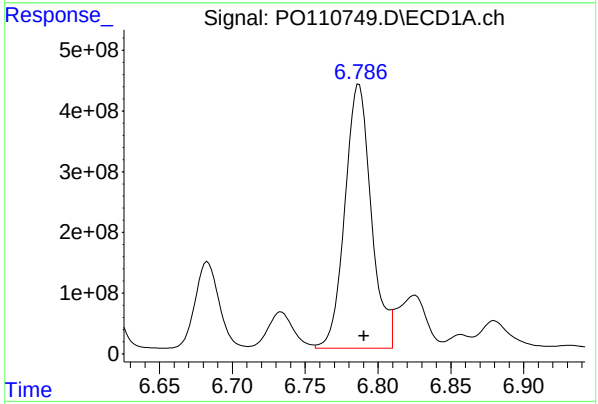
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



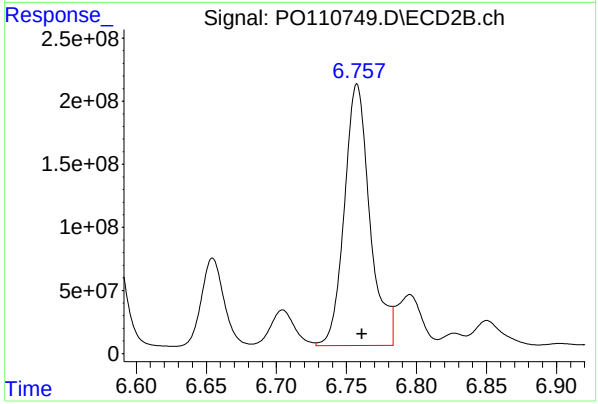
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 1401195294
Conc: 6099.77 ng/ml



#30 AR-1254-5

R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 5480910308
Conc: 7819.82 ng/ml



#30 AR-1254-5

R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 2624160069
Conc: 7897.16 ng/ml

Raw Data: **PO110808.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS034-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-40DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87.9 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110808.D	20	04/25/25 08:20	04/28/25 17:36	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	89.8	UD	89.8	386	ug/kg
11104-28-2	Aroclor-1221	91.6	UD	91.6	386	ug/kg
11141-16-5	Aroclor-1232	84.5	UD	84.5	386	ug/kg
53469-21-9	Aroclor-1242	91.1	UD	91.1	386	ug/kg
12672-29-6	Aroclor-1248	2600	D	135	386	ug/kg
11097-69-1	Aroclor-1254	3600	D	72.9	386	ug/kg
37324-23-5	Aroclor-1262	114	UD	114	386	ug/kg
11100-14-4	Aroclor-1268	81.8	UD	81.8	386	ug/kg
11096-82-5	Aroclor-1260	73.4	UD	73.4	386	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	50.8	*	32 - 175	254%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110808.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110808.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 17:36
Operator : YP/AJ
Sample : Q1860-40DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:56:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.682	9113503	5368173	1.042m	1.076m
2)	SA Decachlor...	8.725	8.677	14881928	4886196	1.885	2.538 #
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.762	38414971	20850640	180.491	181.102
22)	L5 AR-1248-2	5.014	4.998	108.8E6	60270794	367.719	370.026
23)	L5 AR-1248-3	5.229	5.040	107.6E6	55756905	290.736	317.060
24)	L5 AR-1248-4	5.583	5.211	265.5E6	56982457	510.546	279.766 #
25)	L5 AR-1248-5	5.624	5.602	136.4E6	67535899	369.170	342.134
26)	L6 AR-1254-1	5.583	5.561	265.5E6	136.1E6	475.815	451.285
27)	L6 AR-1254-2	5.732	5.710	241.3E6	116.8E6	496.768	441.308
28)	L6 AR-1254-3	6.136	6.112	428.4E6	214.9E6	547.017	532.626
29)	L6 AR-1254-4	6.366	6.339	193.1E6	92784414	395.988	403.915
30)	L6 AR-1254-5	6.785	6.756	323.3E6	156.0E6	461.312	469.494

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110808.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 17:36
Operator : YP/AJ
Sample : Q1860-40DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

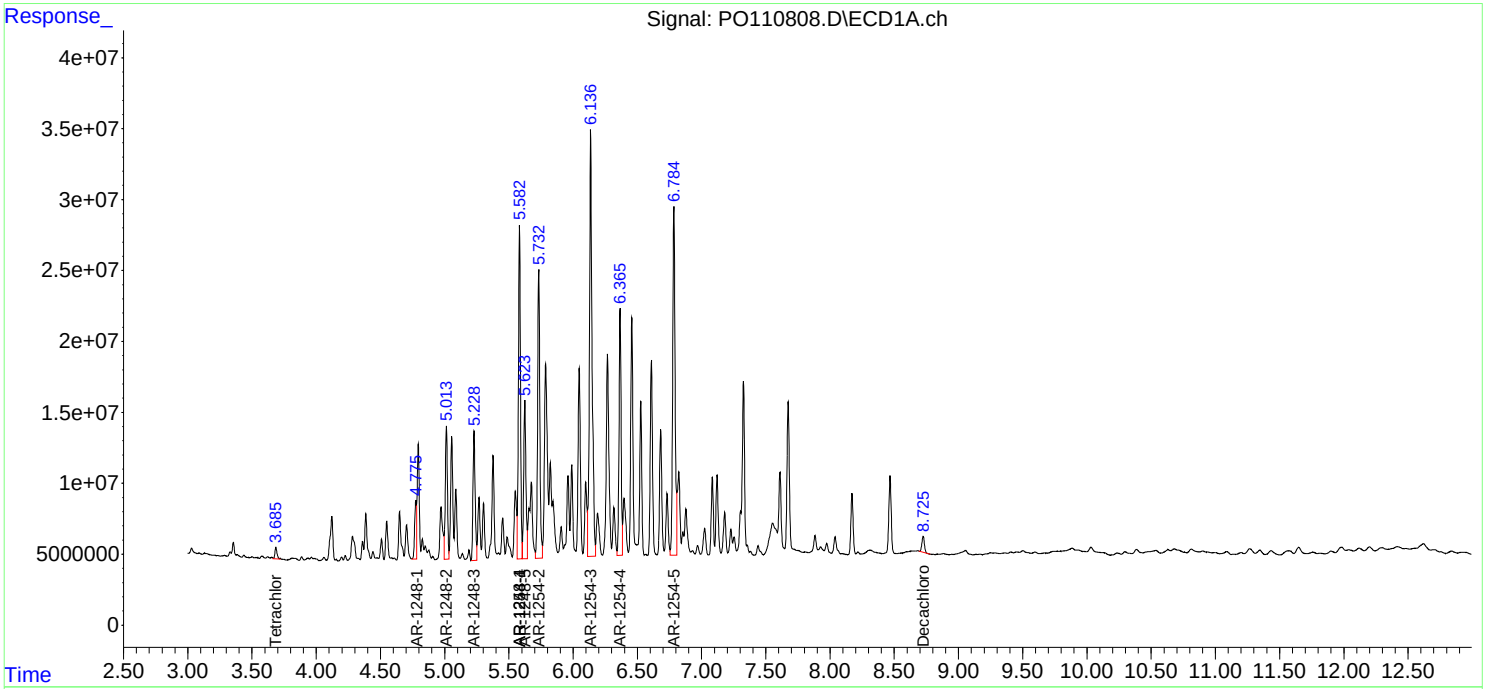
Instrument :
ECD_O
ClientSampleId :
P001-SS034-01DL

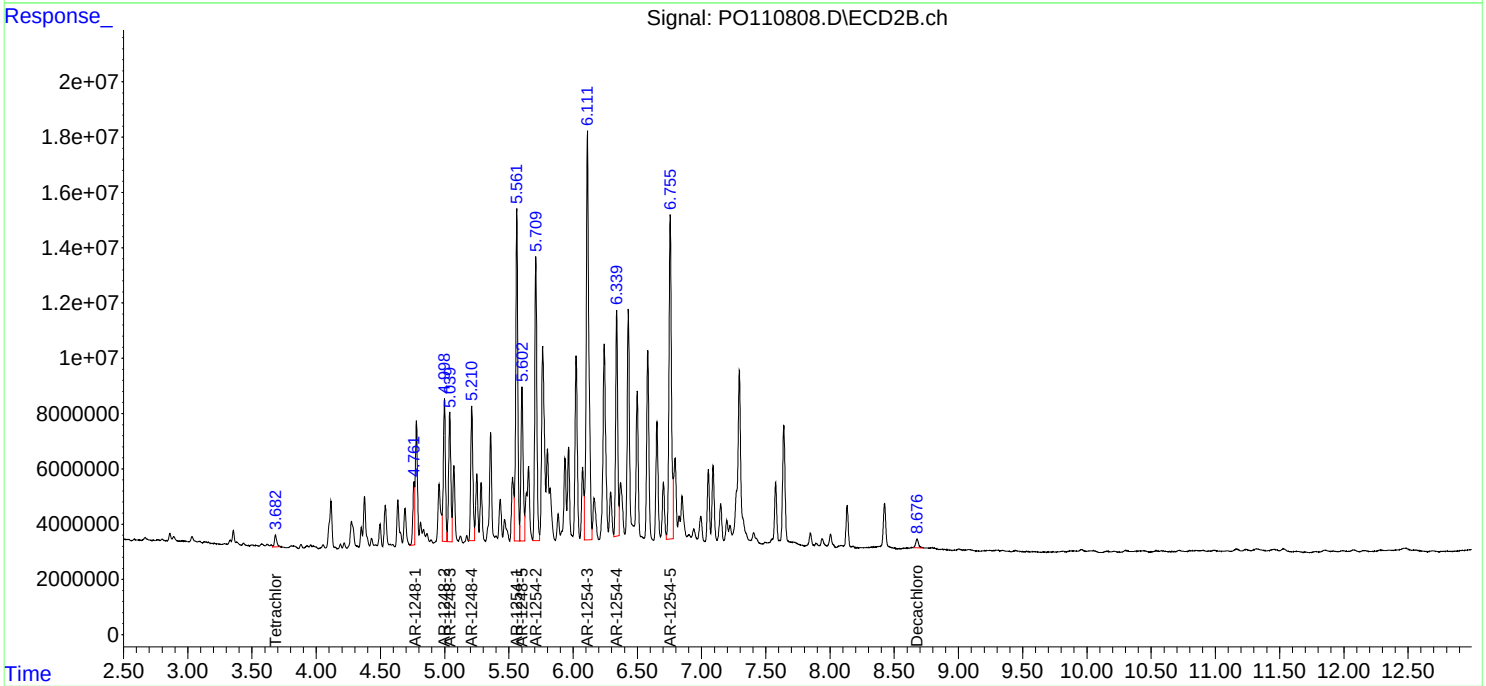
Manual Integrations APPROVED

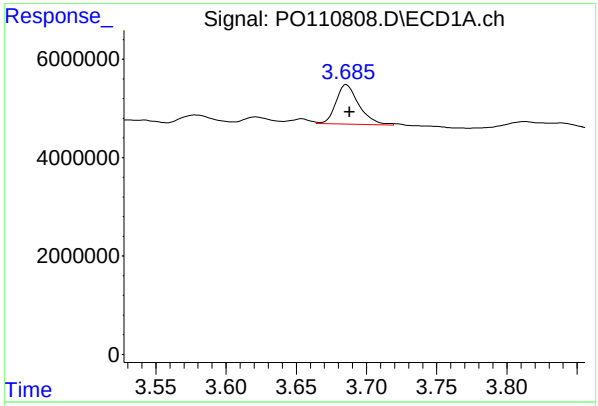
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:56:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







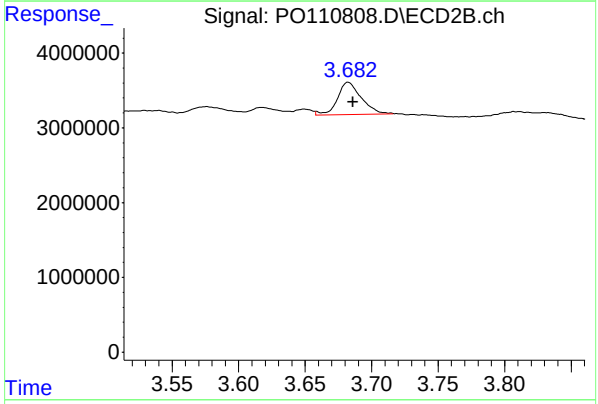
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 9113503
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01DL

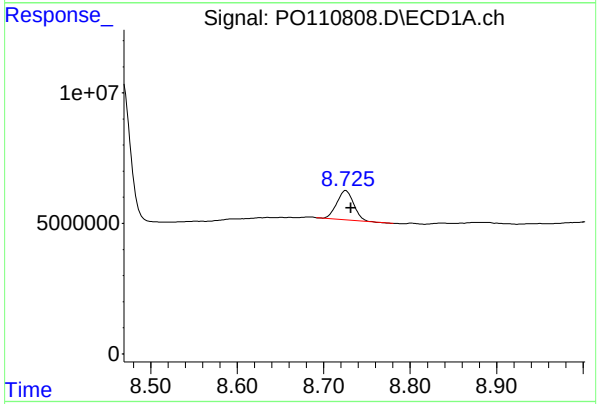
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



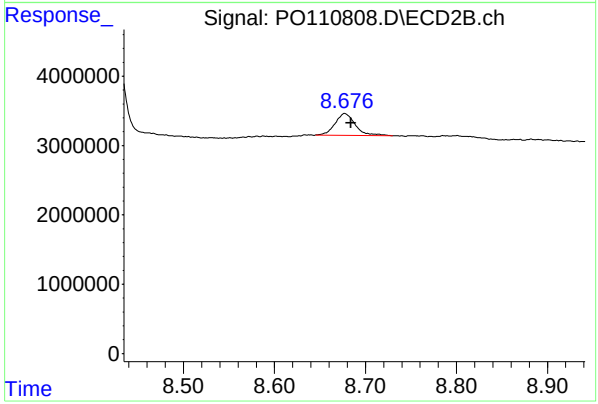
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 5368173
Conc: 1.08 ng/ml m



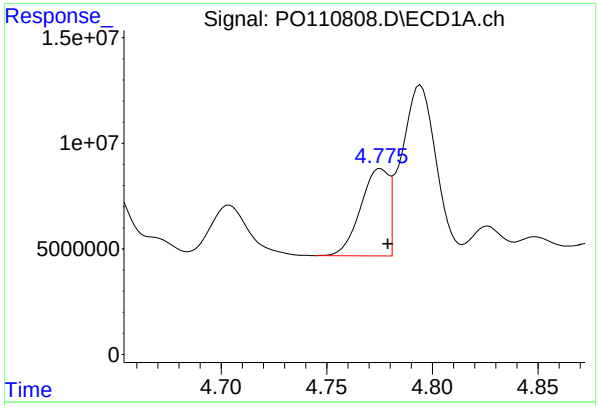
#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.006 min
Response: 14881928
Conc: 1.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.007 min
Response: 4886196
Conc: 2.54 ng/ml



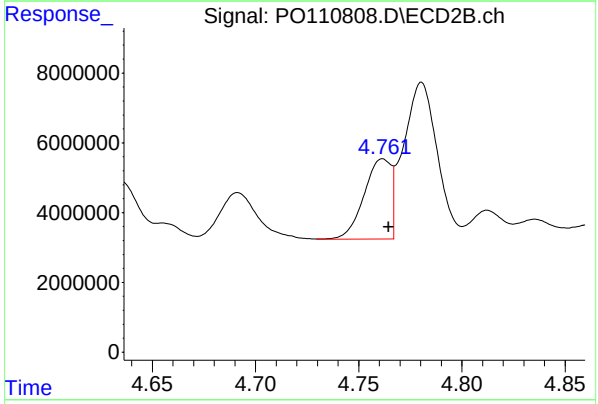
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 38414971
Conc: 180.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01DL

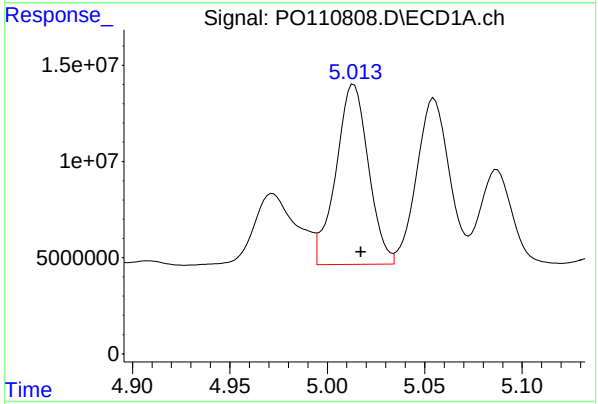
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



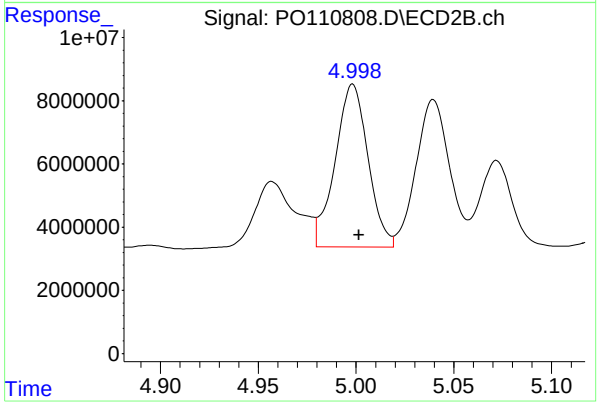
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 20850640
Conc: 181.10 ng/ml



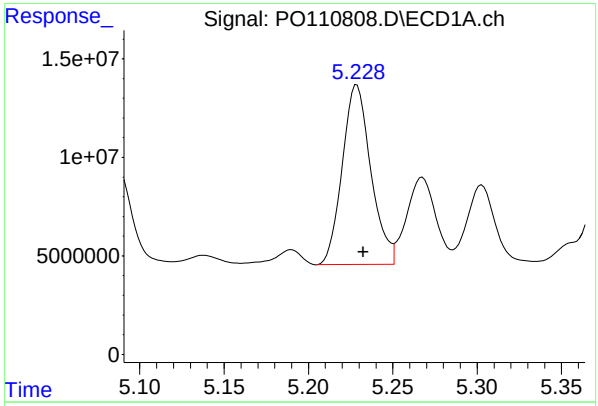
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.004 min
Response: 108817315
Conc: 367.72 ng/ml



#22 AR-1248-2

R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 60270794
Conc: 370.03 ng/ml



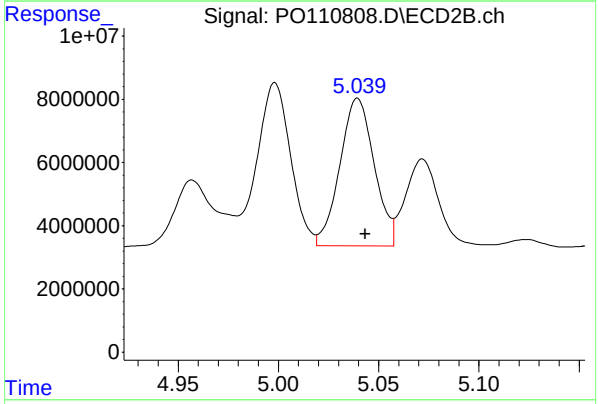
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 107561194
Conc: 290.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01DL

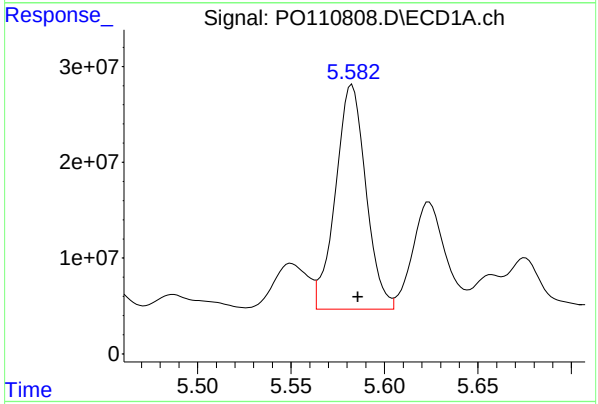
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



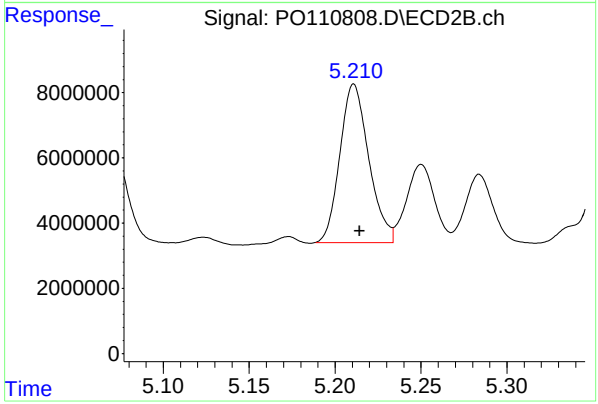
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 55756905
Conc: 317.06 ng/ml



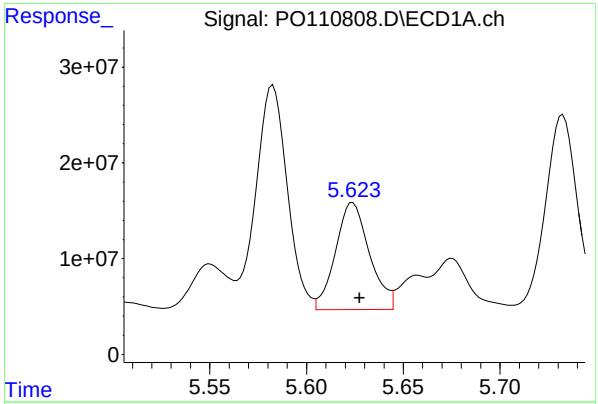
#24 AR-1248-4

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 265499511
Conc: 510.55 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 56982457
Conc: 279.77 ng/ml



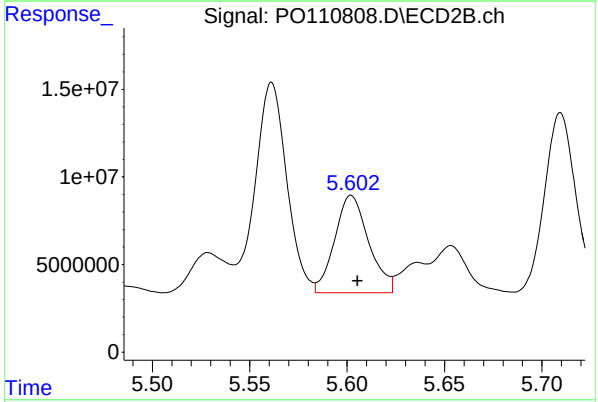
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: -0.003 min
Response: 136381094
Conc: 369.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01DL

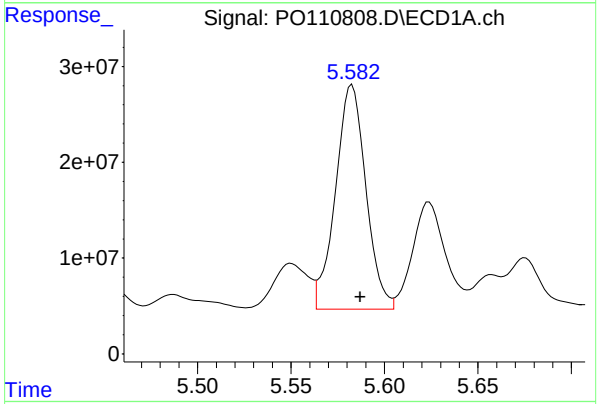
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



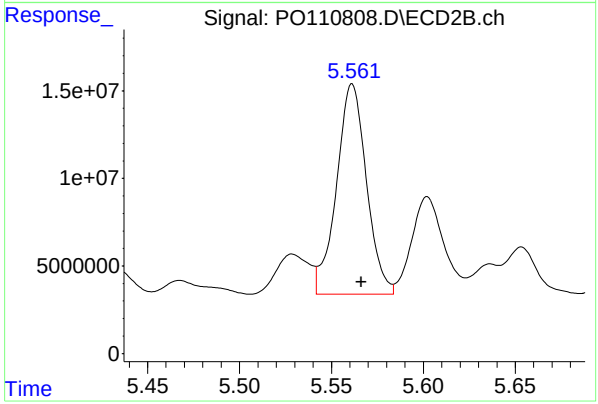
#25 AR-1248-5

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 67535899
Conc: 342.13 ng/ml



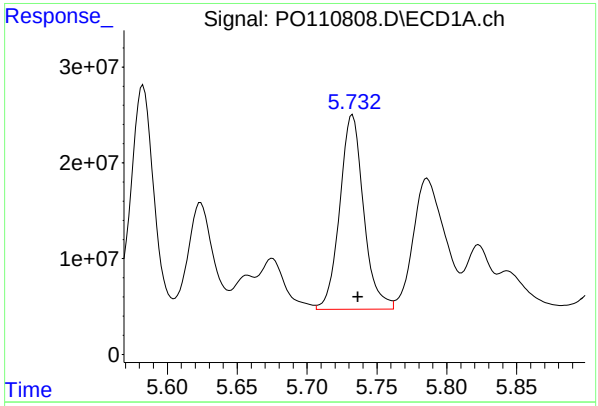
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 265499511
Conc: 475.81 ng/ml



#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 136062092
Conc: 451.29 ng/ml



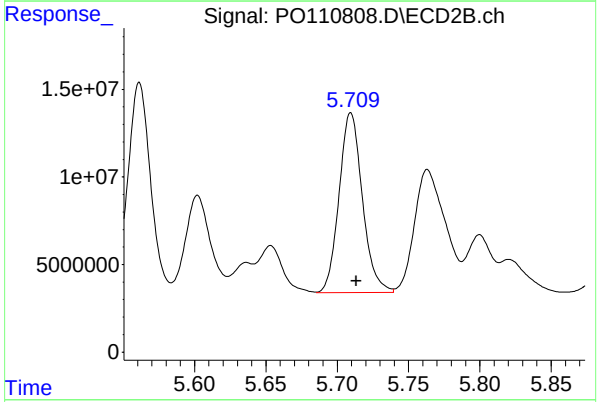
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 241281641
Conc: 496.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01DL

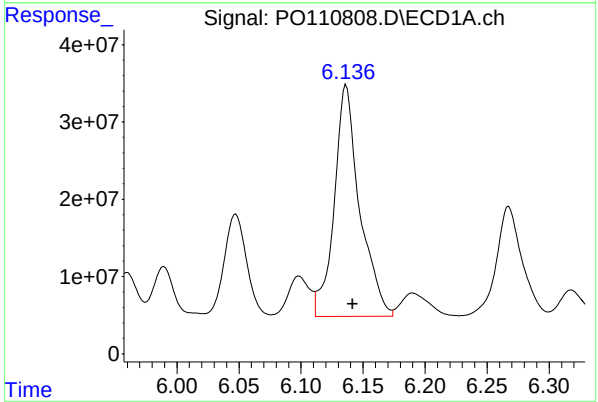
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



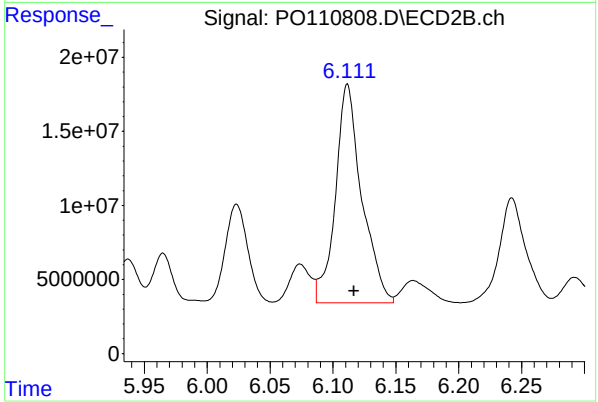
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 116807685
Conc: 441.31 ng/ml



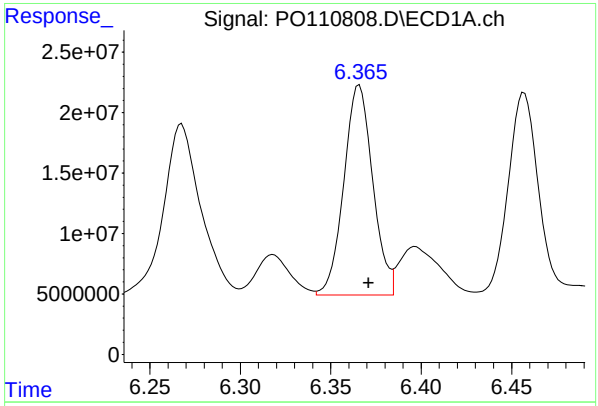
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 428435445
Conc: 547.02 ng/ml



#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 214869816
Conc: 532.63 ng/ml



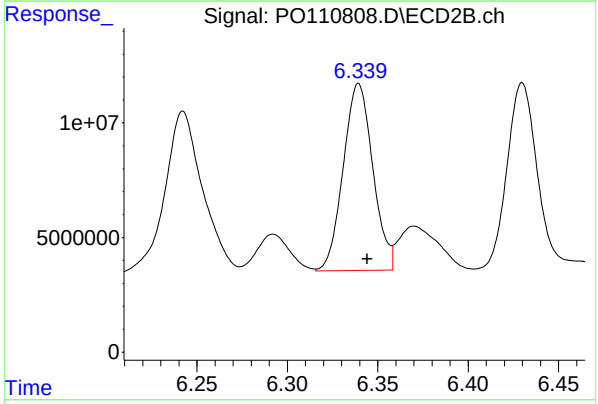
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 193085734
Conc: 395.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS034-01DL

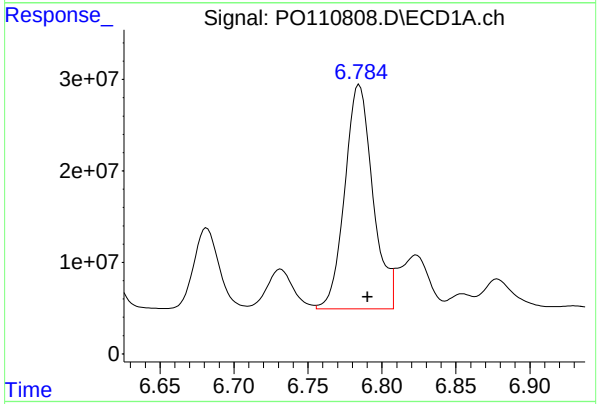
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



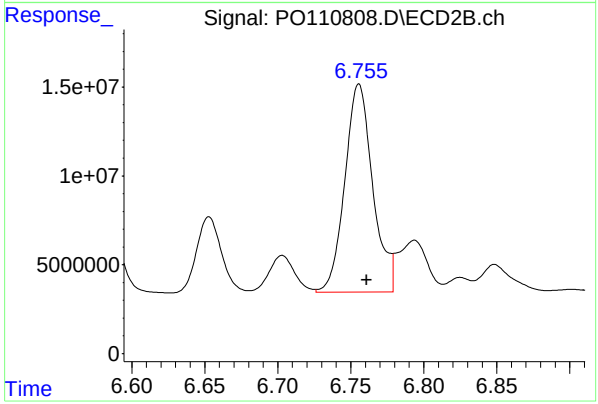
#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 92784414
Conc: 403.91 ng/ml



#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.006 min
Response: 323333769
Conc: 461.31 ng/ml



#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 156009040
Conc: 469.49 ng/ml

Raw Data: **PO110758.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS035-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-41	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110758.D	1	04/25/25 08:20	04/26/25 01:34	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.1	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.1	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.1	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.1	ug/kg
12672-29-6	Aroclor-1248	2500	E	6.30	18.1	ug/kg
11097-69-1	Aroclor-1254	3900	E	3.40	18.1	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	18.1	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.1	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	18.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.9		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	36.2	*	32 - 175	181%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110758.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110758.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2025 01:34
Operator : YP/AJ
Sample : Q1860-41
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 02:18:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	191.4E6	104.2E6	21.878	20.879
2)	SA Decachlor...	8.728	8.679	282.5E6	69704879	35.783	36.211
	Target Compounds						
21)	L5 AR-1248-1	4.776	4.762	855.2E6	460.6E6	4017.974	4000.877
22)	L5 AR-1248-2	5.014	4.998	2345.2E6	1283.3E6	7924.874	7878.864
23)	L5 AR-1248-3	5.229	5.041	2201.2E6	949.6E6	5949.711	5399.933
24)	L5 AR-1248-4	5.583	5.211	5687.1E6	1281.2E6	10936.150	6290.293m#
25)	L5 AR-1248-5	5.624	5.603	2520.6E6	1332.3E6	6823.051	6749.138
26)	L6 AR-1254-1	5.583	5.562	5687.1E6	3057.3E6	10192.197	10140.486
27)	L6 AR-1254-2	5.732	5.710	4137.9E6	2149.1E6	8519.366	8119.526
28)	L6 AR-1254-3	6.137	6.113	7933.7E6	4096.7E6	10129.634	10155.087
29)	L6 AR-1254-4	6.367	6.340	3980.5E6	1947.1E6	8163.316	8476.394
30)	L6 AR-1254-5	6.786	6.757	12428.3E6	6050.6E6	17731.922	18208.669

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PO110758.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110758.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2025 01:34
Operator : YP/AJ
Sample : Q1860-41
Misc :
ALS Vial : 30 Sample Multiplier: 1

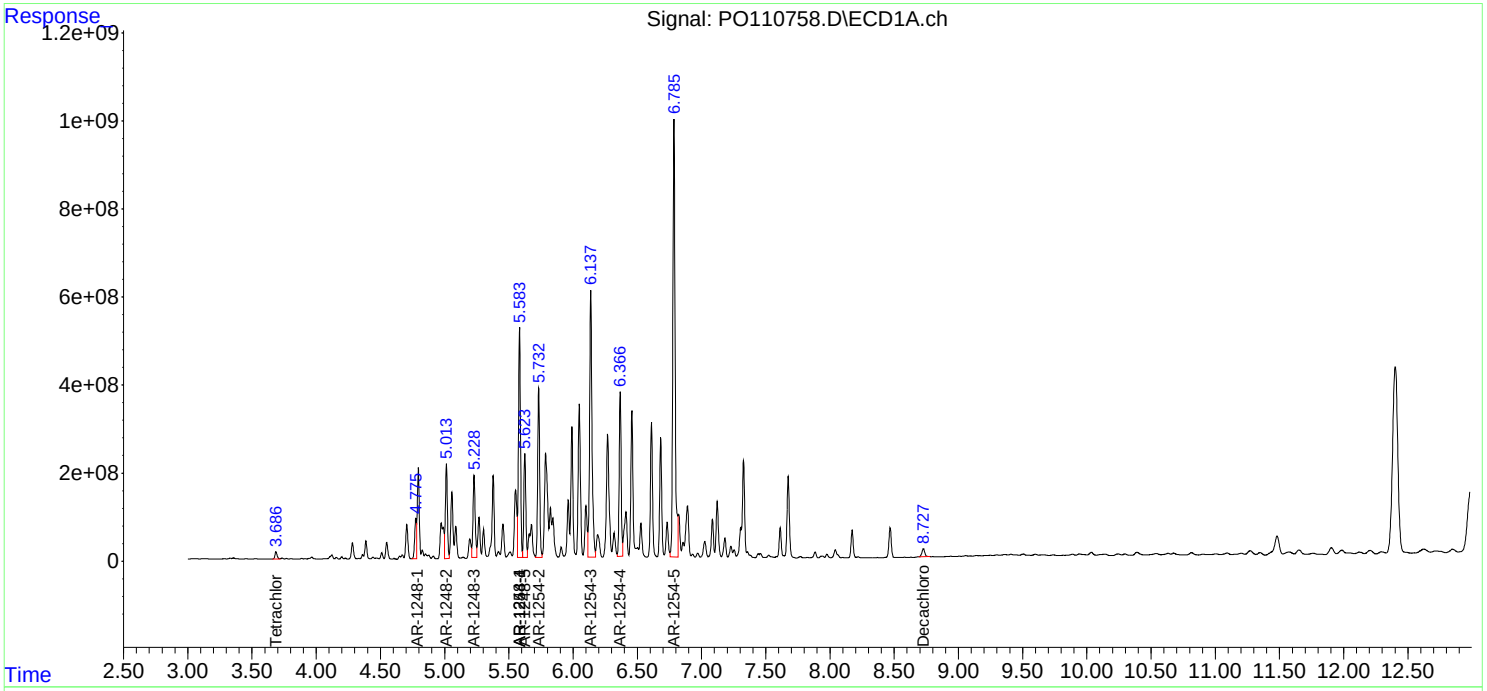
Instrument :
ECD_O
ClientSampleId :
P001-SS035-01

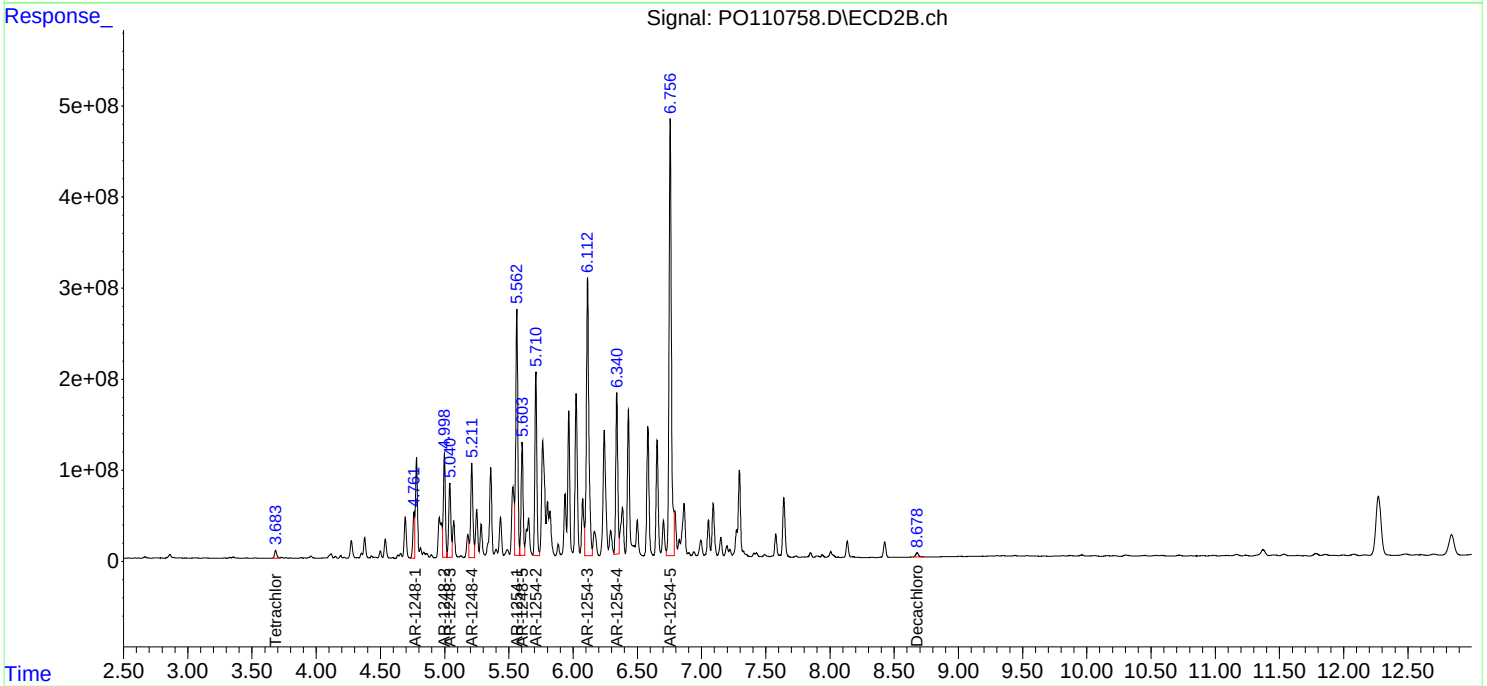
Manual Integrations APPROVED

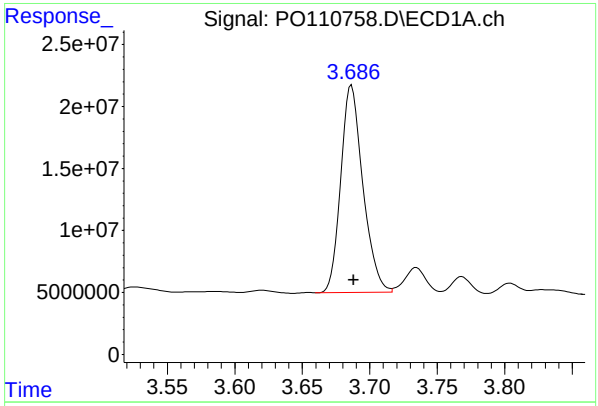
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 02:18:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







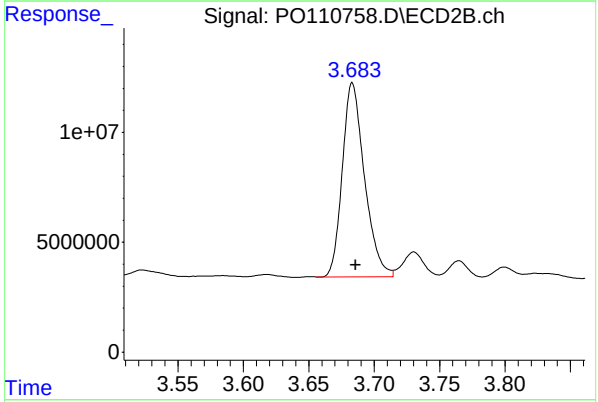
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 191415669
Conc: 21.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01

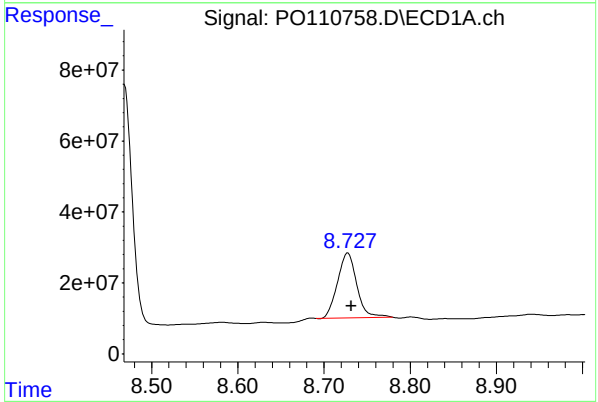
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



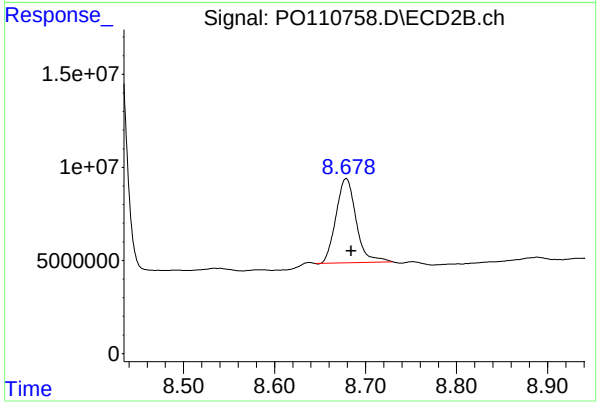
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 104179625
Conc: 20.88 ng/ml



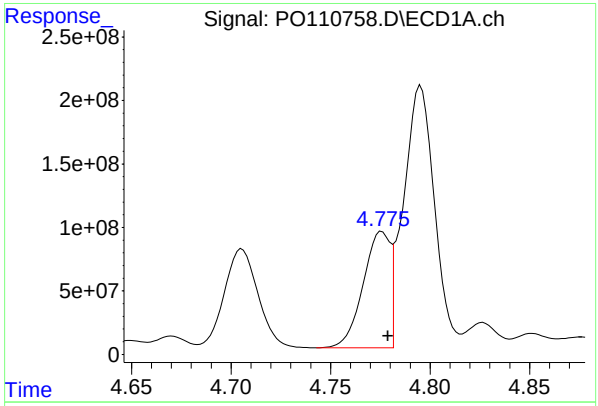
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.004 min
Response: 282501378
Conc: 35.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 69704879
Conc: 36.21 ng/ml



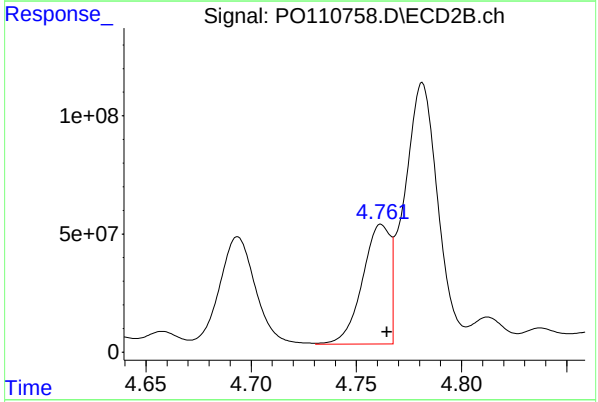
#21 AR-1248-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 855170649
Conc: 4017.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01

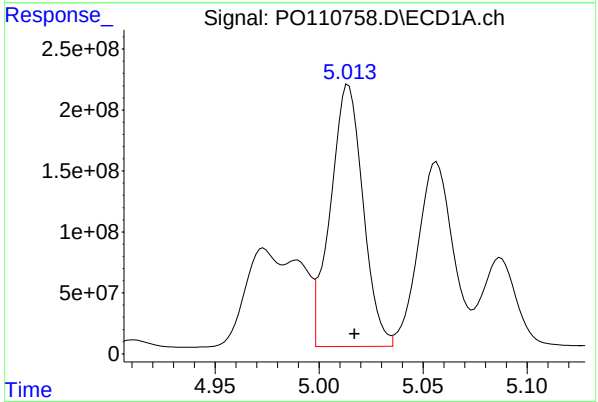
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



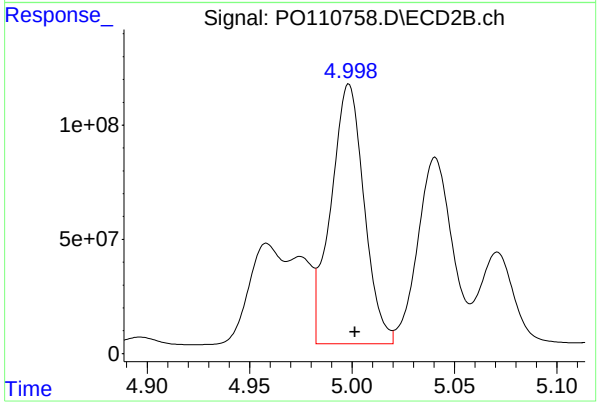
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 460628845
Conc: 4000.88 ng/ml



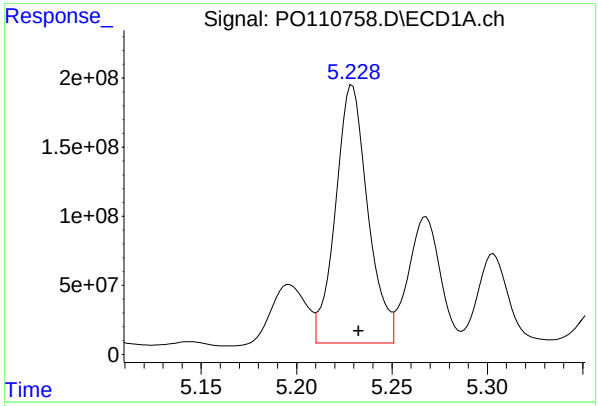
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 2345168496
Conc: 7924.87 ng/ml



#22 AR-1248-2

R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 1283329782
Conc: 7878.86 ng/ml



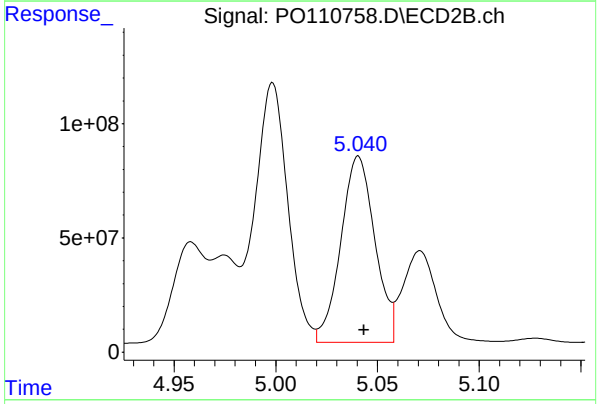
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.003 mi
Response: 2201163469
Conc: 5949.71 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01

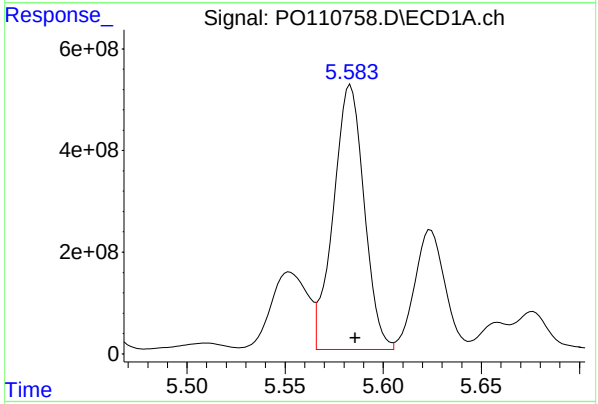
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



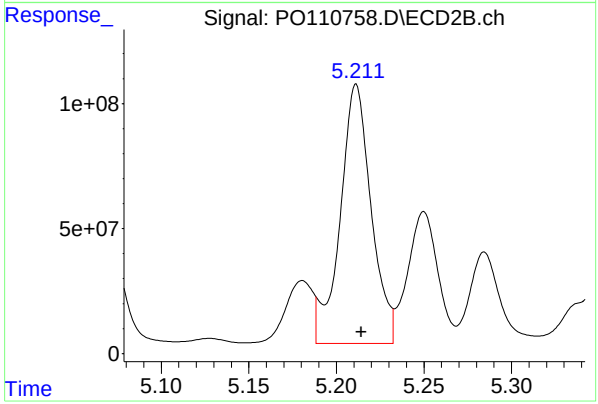
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 949611213
Conc: 5399.93 ng/ml



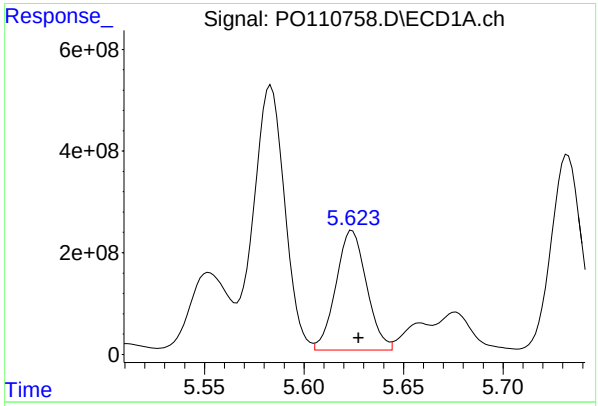
#24 AR-1248-4

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 5687134808
Conc: 10936.15 ng/ml



#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 1281198722
Conc: 6290.29 ng/ml m



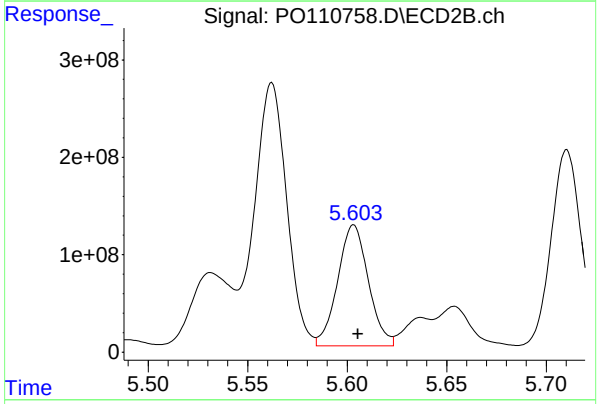
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: -0.003 mi
Response: 2520610872
Conc: 6823.05 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01

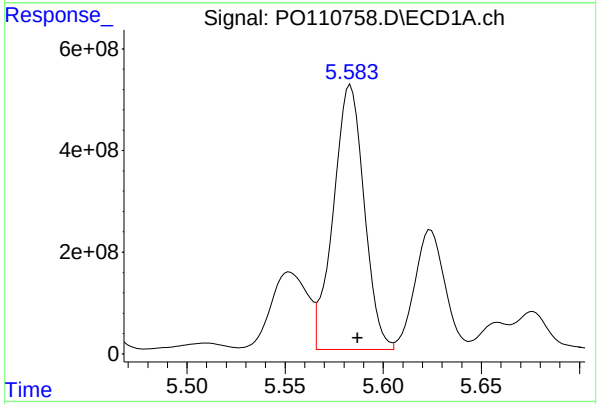
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



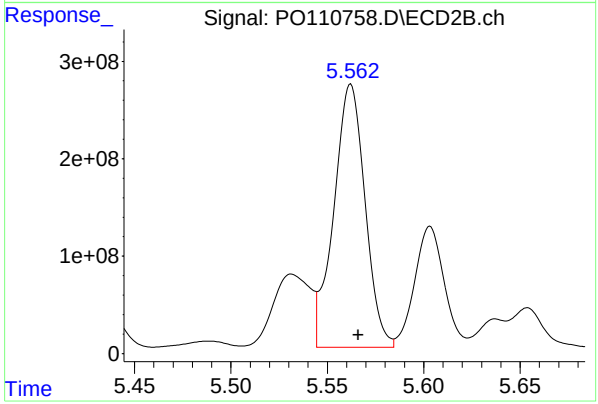
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 1332251604
Conc: 6749.14 ng/ml



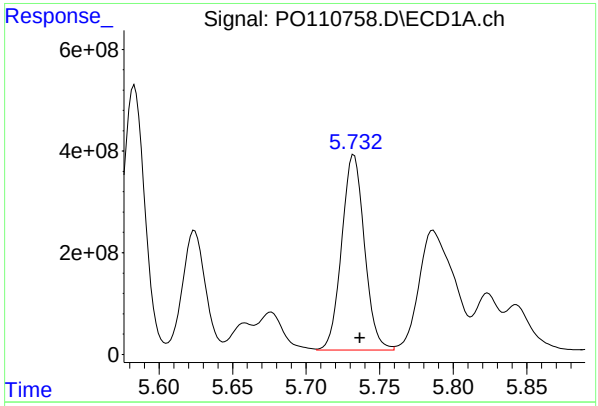
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 5687134808
Conc: 10192.20 ng/ml



#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 3057347599
Conc: 10140.49 ng/ml



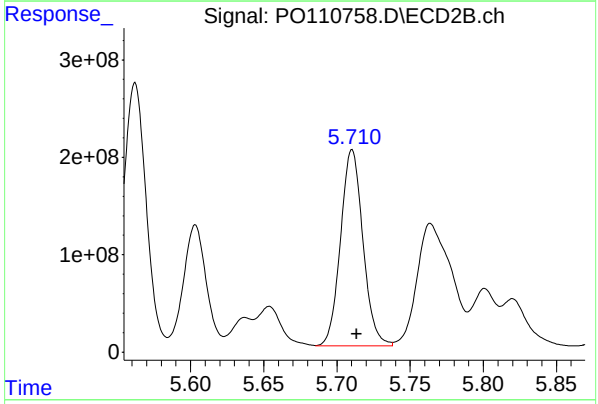
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 4137877792
Conc: 8519.37 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01

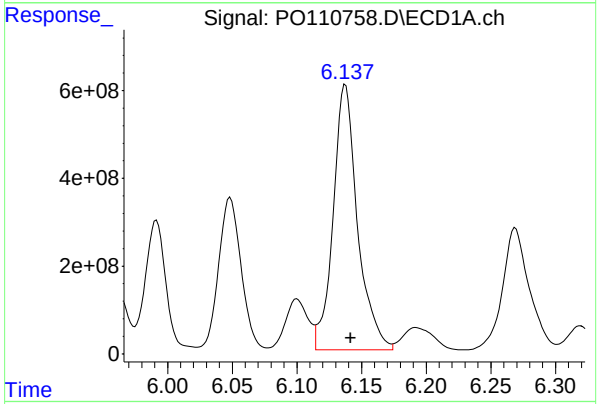
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



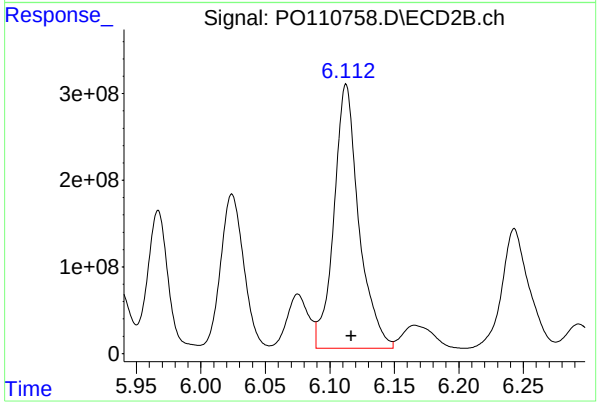
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 2149119449
Conc: 8119.53 ng/ml



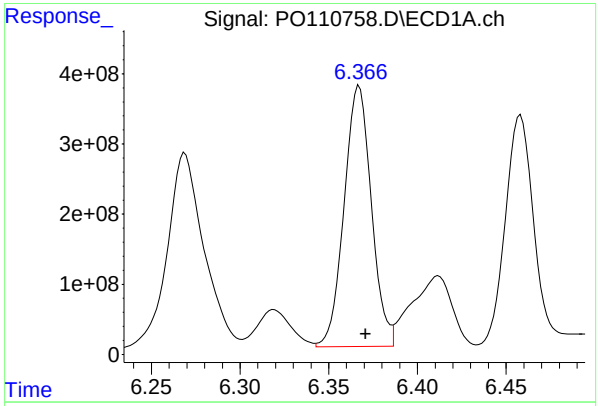
#28 AR-1254-3

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 7933749605
Conc: 10129.63 ng/ml



#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 4096725357
Conc: 10155.09 ng/ml



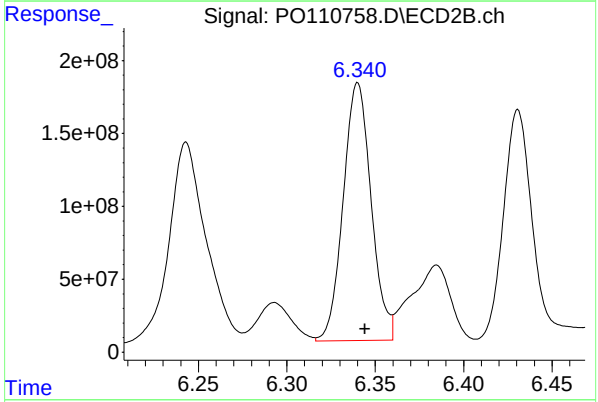
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 3980475852
Conc: 8163.32 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01

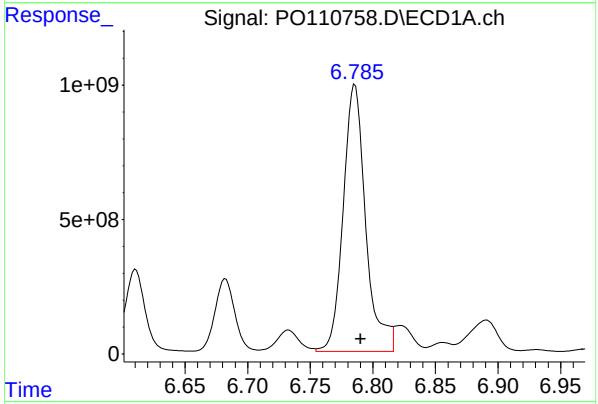
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



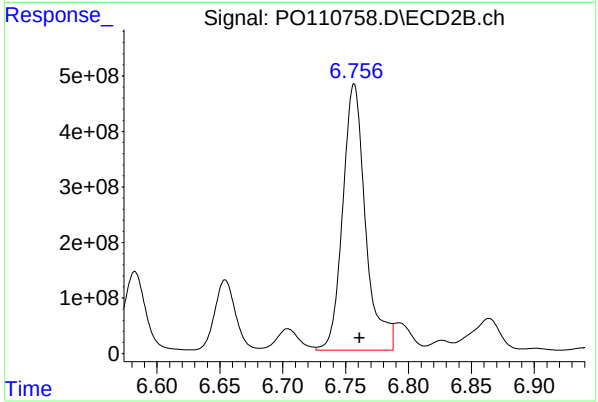
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 1947137044
Conc: 8476.39 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.005 min
Response: 12428301894
Conc: 17731.92 ng/ml



#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 6050590408
Conc: 18208.67 ng/ml

Raw Data: **PO110809.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS035-01DL	SDG No.:	Q1860
Lab Sample ID:	Q1860-41DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110809.D	10	04/25/25 08:20	04/28/25 17:53	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	42.0	UD	42.0	181	ug/kg
11104-28-2	Aroclor-1221	42.9	UD	42.9	181	ug/kg
11141-16-5	Aroclor-1232	39.6	UD	39.6	181	ug/kg
53469-21-9	Aroclor-1242	42.6	UD	42.6	181	ug/kg
12672-29-6	Aroclor-1248	2900	D	63.0	181	ug/kg
11097-69-1	Aroclor-1254	4100	ED	34.1	181	ug/kg
37324-23-5	Aroclor-1262	53.4	UD	53.4	181	ug/kg
11100-14-4	Aroclor-1268	38.3	UD	38.3	181	ug/kg
11096-82-5	Aroclor-1260	34.4	UD	34.4	181	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.2		32 - 144	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	45.8	*	32 - 175	229%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110809.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 17:53
Operator : YP/AJ
Sample : Q1860-41DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:57:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.684	3.682	20259386	10760888	2.316	2.157
2)	SA Decachlor...	8.724	8.677	30884987	8807106	3.912	4.575
	Target Compounds						
21)	L5 AR-1248-1	4.773	4.761	108.1E6	57506802	507.858	499.486
22)	L5 AR-1248-2	5.011	4.998	271.5E6	144.1E6	917.507	884.785
23)	L5 AR-1248-3	5.226	5.039	262.9E6	115.7E6	710.510	658.007
24)	L5 AR-1248-4	5.581	5.210	631.7E6	146.4E6	1214.820	718.863m#
25)	L5 AR-1248-5	5.622	5.602	287.9E6	147.0E6	779.271	744.668
26)	L6 AR-1254-1	5.581	5.562	631.7E6	328.4E6	1132.179	1089.323
27)	L6 AR-1254-2	5.730	5.709	473.7E6	236.0E6	975.321	891.762
28)	L6 AR-1254-3	6.135	6.111	883.1E6	426.6E6	1127.475	1057.373
29)	L6 AR-1254-4	6.364	6.339	431.9E6	199.6E6	885.805	869.067
30)	L6 AR-1254-5	6.783	6.755	1134.4E6	525.8E6	1618.479	1582.462

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 17:53
Operator : YP/AJ
Sample : Q1860-41DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

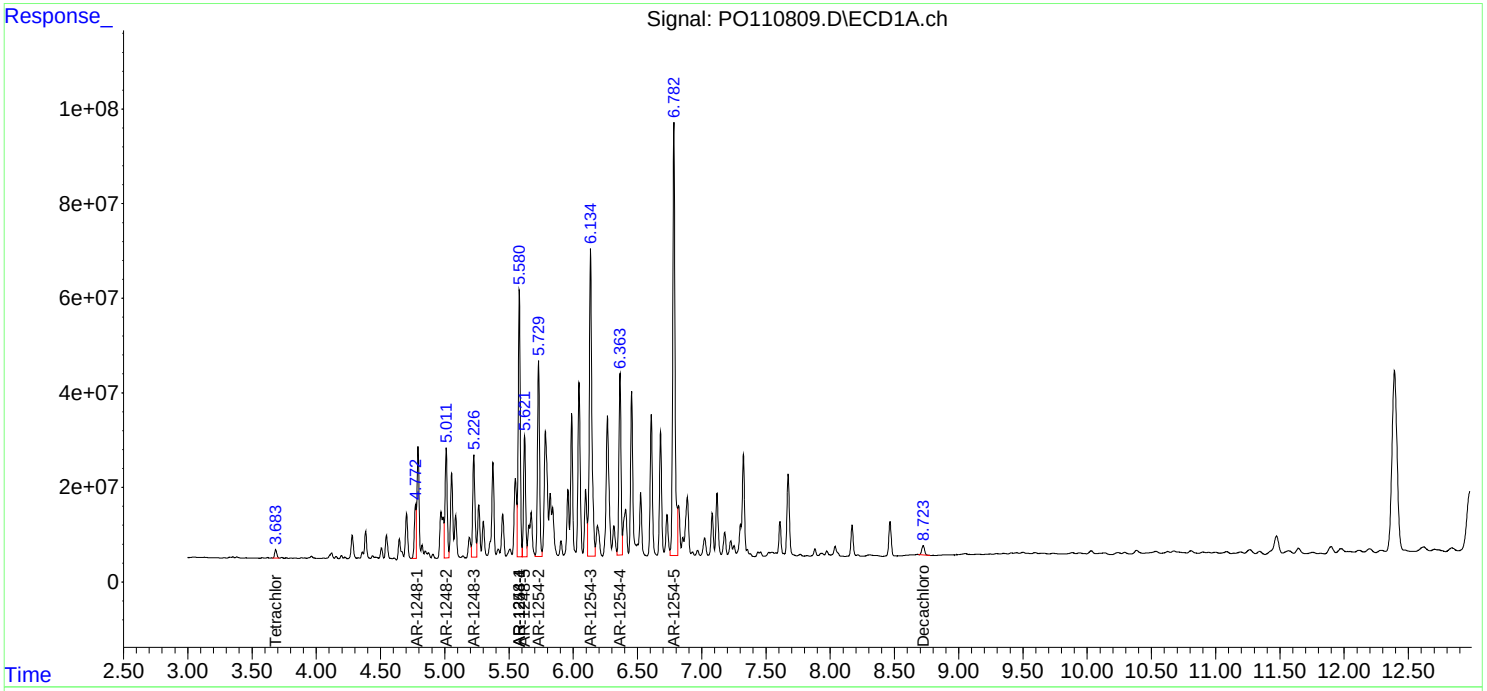
Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL

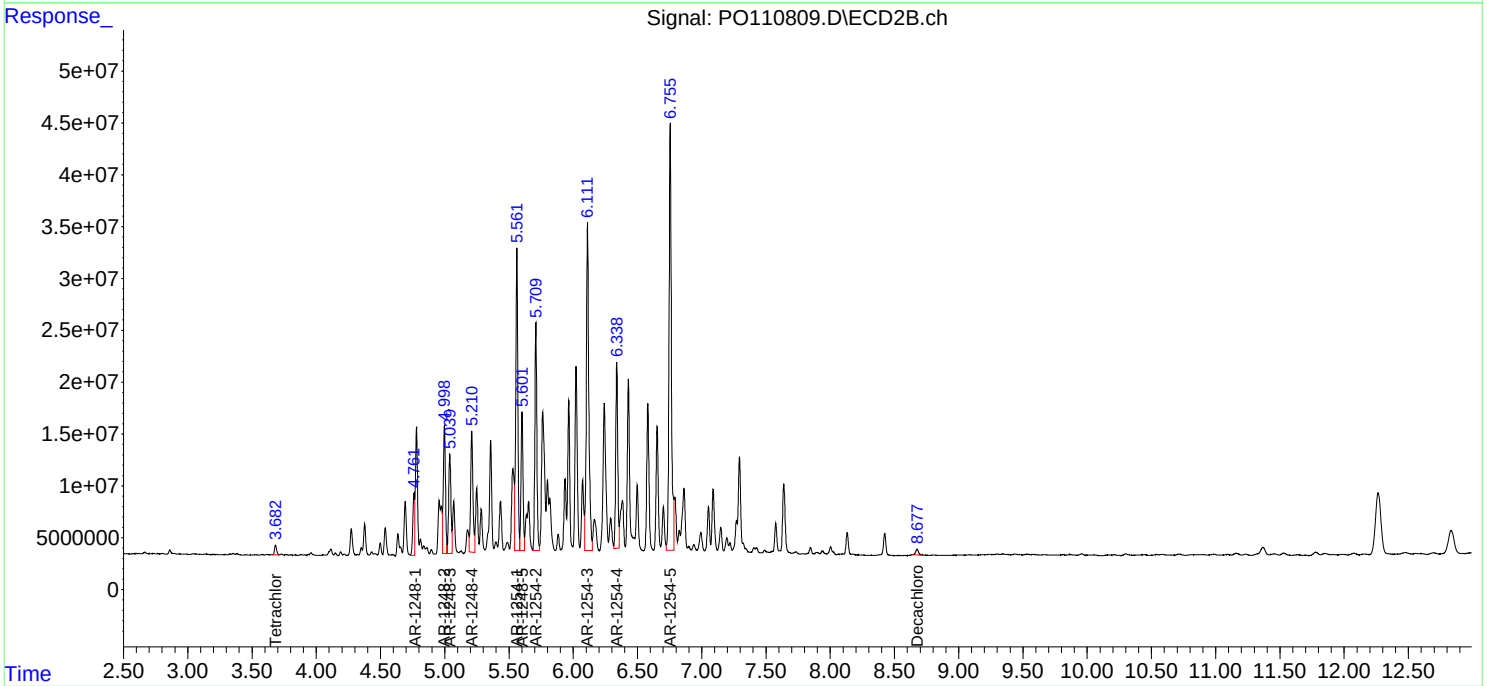
Manual Integrations APPROVED

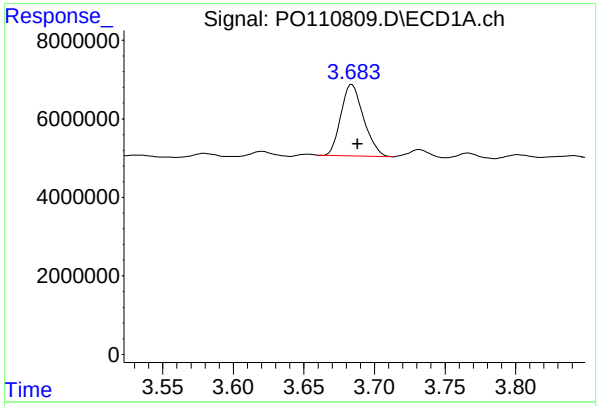
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:57:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







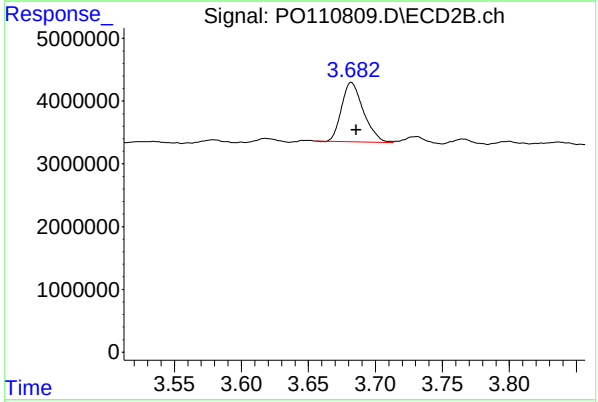
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.004 min
Response: 20259386
Conc: 2.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL

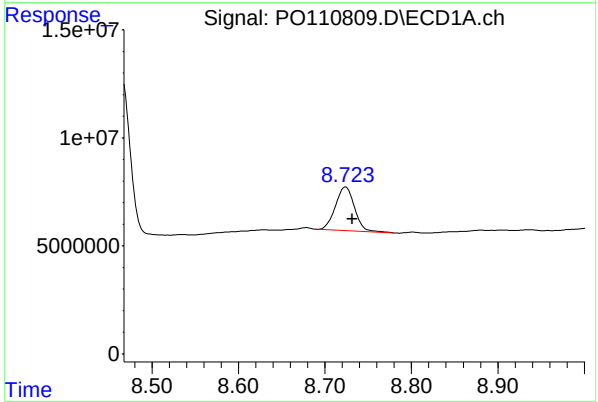
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



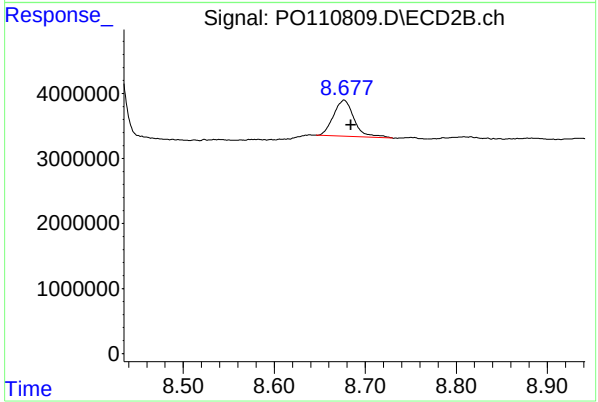
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 10760888
Conc: 2.16 ng/ml



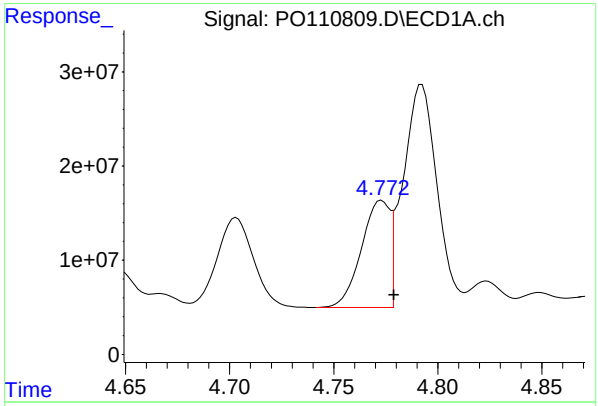
#2 Decachlorobiphenyl

R.T.: 8.724 min
Delta R.T.: -0.008 min
Response: 30884987
Conc: 3.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.007 min
Response: 8807106
Conc: 4.58 ng/ml



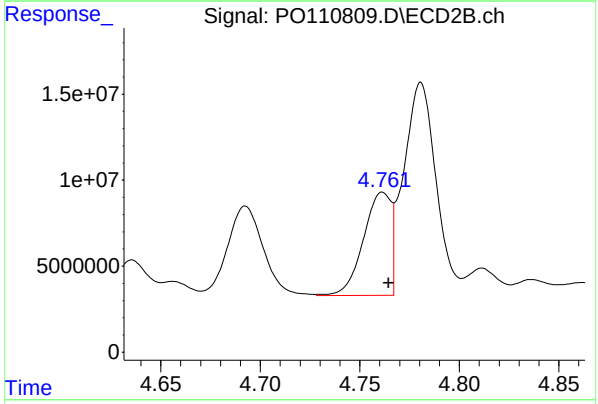
#21 AR-1248-1

R.T.: 4.773 min
Delta R.T.: -0.006 min
Response: 108090639
Conc: 507.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL

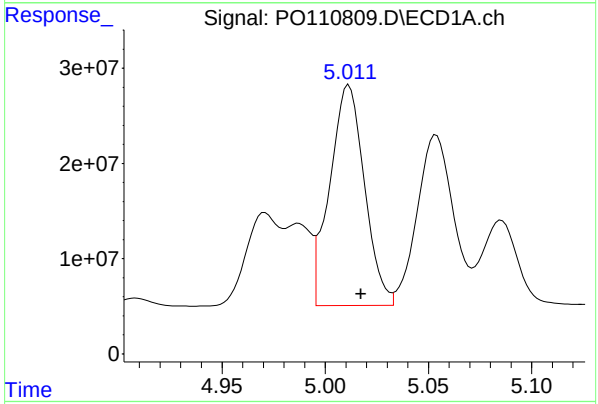
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



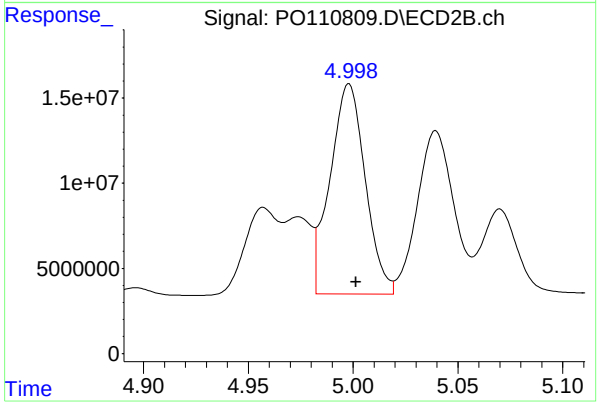
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.003 min
Response: 57506802
Conc: 499.49 ng/ml



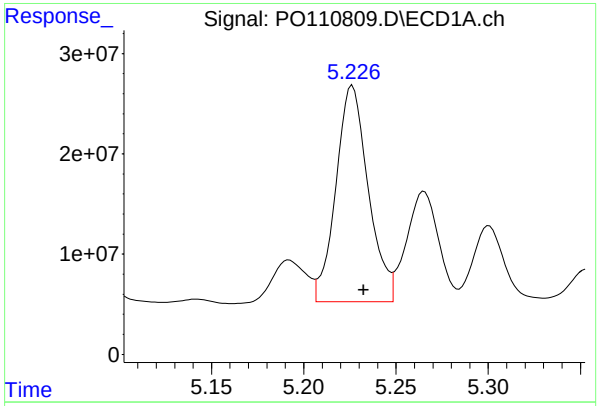
#22 AR-1248-2

R.T.: 5.011 min
Delta R.T.: -0.006 min
Response: 271513201
Conc: 917.51 ng/ml



#22 AR-1248-2

R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 144116111
Conc: 884.79 ng/ml



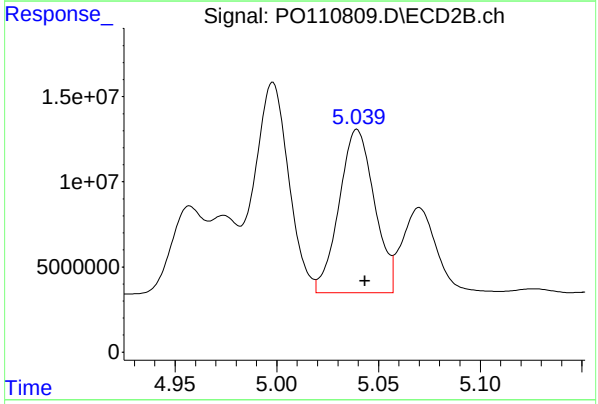
#23 AR-1248-3

R.T.: 5.226 min
Delta R.T.: -0.006 mi
Response: 262861465
Conc: 710.51 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL

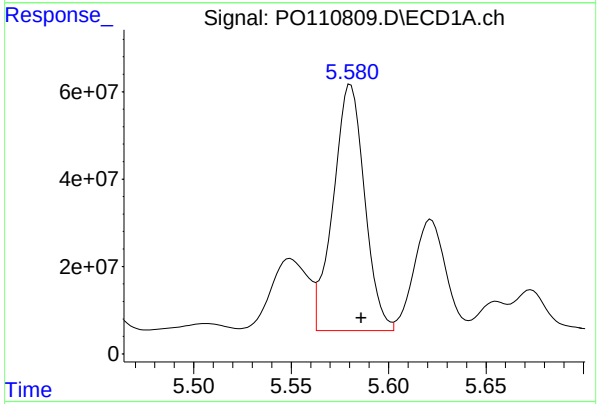
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



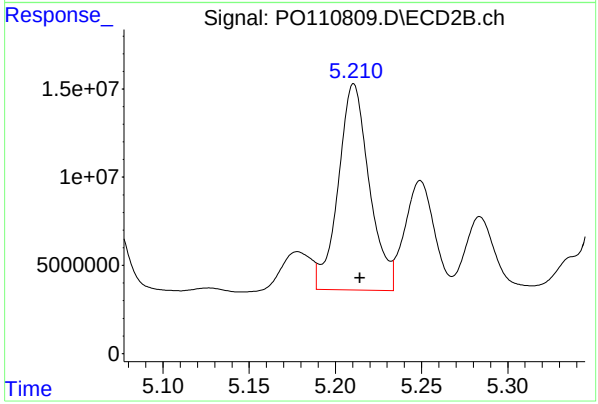
#23 AR-1248-3

R.T.: 5.039 min
Delta R.T.: -0.004 min
Response: 115714459
Conc: 658.01 ng/ml



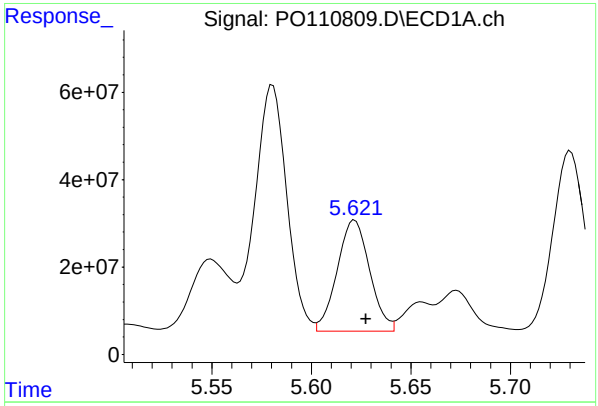
#24 AR-1248-4

R.T.: 5.581 min
Delta R.T.: -0.005 min
Response: 631743772
Conc: 1214.82 ng/ml



#24 AR-1248-4

R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 146417058
Conc: 718.86 ng/ml m



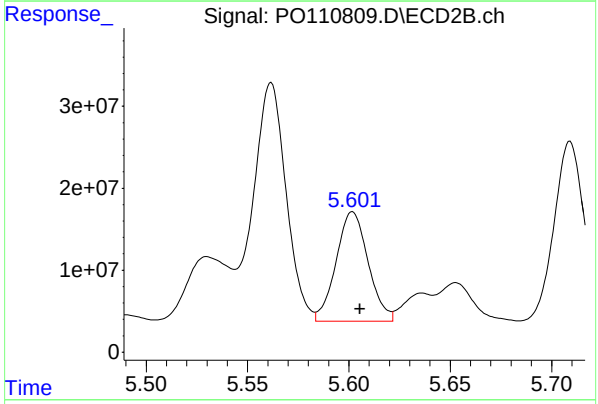
#25 AR-1248-5

R.T.: 5.622 min
Delta R.T.: -0.006 min
Response: 287882847
Conc: 779.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL

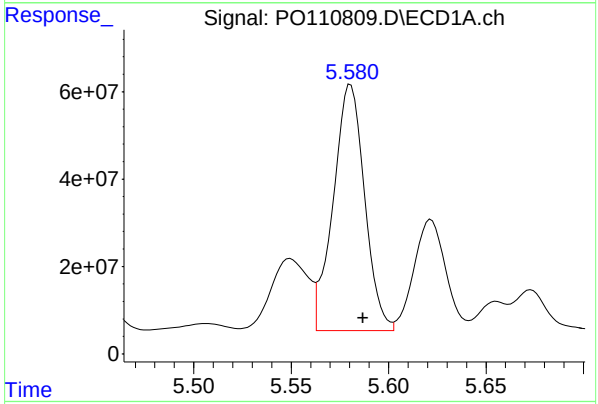
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



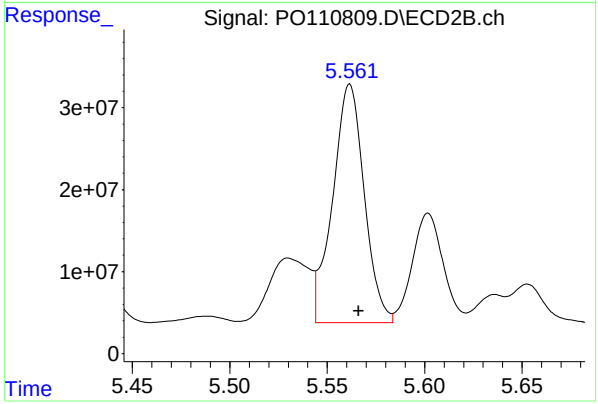
#25 AR-1248-5

R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 146994394
Conc: 744.67 ng/ml



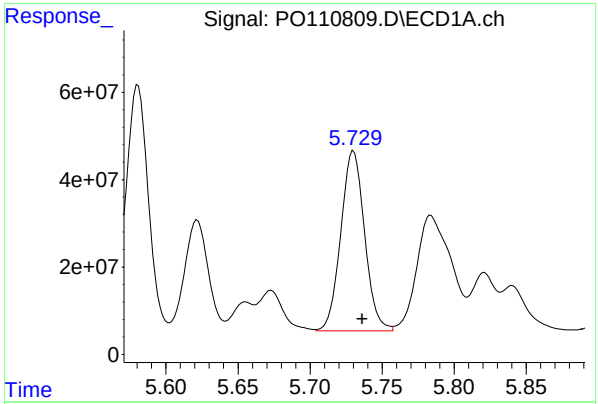
#26 AR-1254-1

R.T.: 5.581 min
Delta R.T.: -0.006 min
Response: 631743772
Conc: 1132.18 ng/ml



#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.005 min
Response: 328429884
Conc: 1089.32 ng/ml



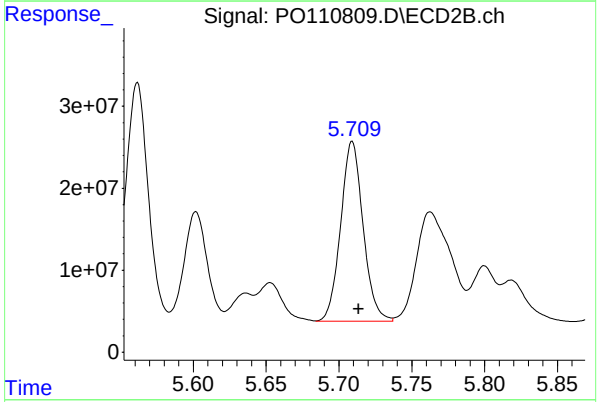
#27 AR-1254-2

R.T.: 5.730 min
Delta R.T.: -0.006 min
Response: 473716098
Conc: 975.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL

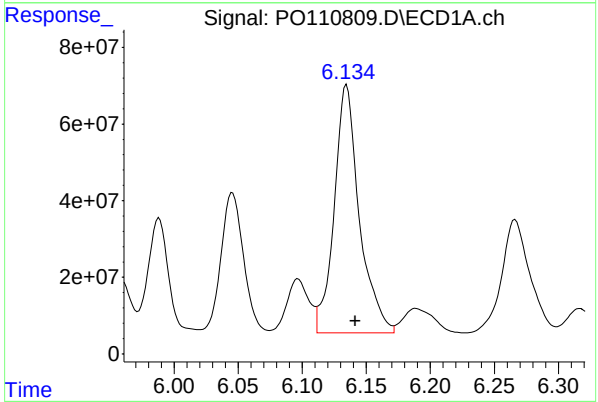
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



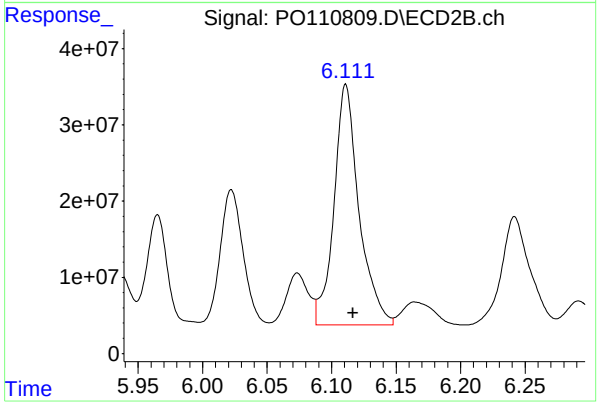
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 236036204
Conc: 891.76 ng/ml



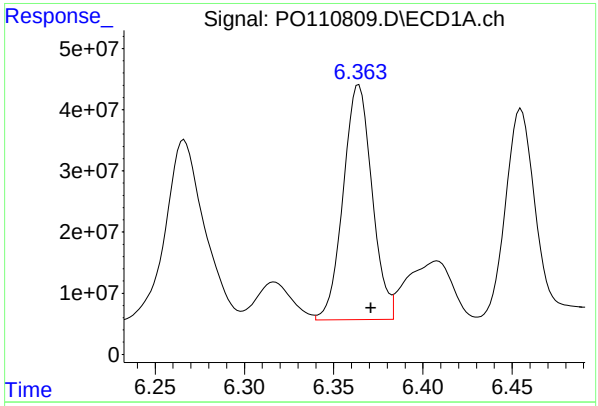
#28 AR-1254-3

R.T.: 6.135 min
Delta R.T.: -0.007 min
Response: 883063059
Conc: 1127.48 ng/ml



#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.005 min
Response: 426561201
Conc: 1057.37 ng/ml



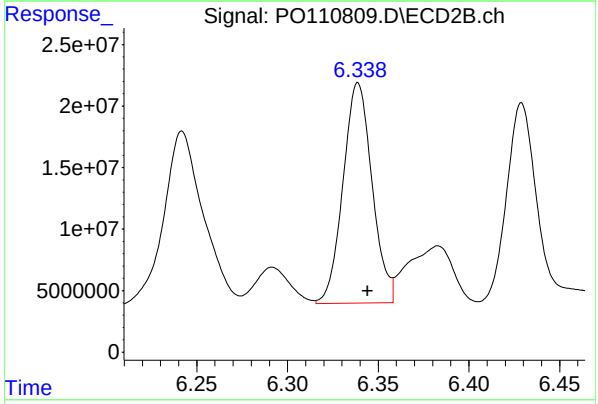
#29 AR-1254-4

R.T.: 6.364 min
Delta R.T.: -0.007 min
Response: 431923097
Conc: 885.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL

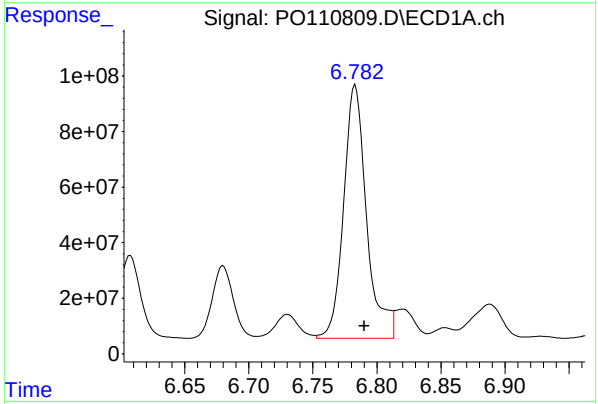
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



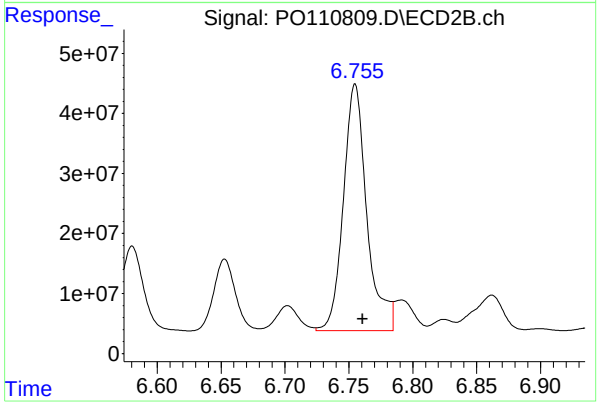
#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 199635829
Conc: 869.07 ng/ml



#30 AR-1254-5

R.T.: 6.783 min
Delta R.T.: -0.007 min
Response: 1134391603
Conc: 1618.48 ng/ml



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 525838957
Conc: 1582.46 ng/ml

Raw Data: **PO110810.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS035-01DL2	SDG No.:	Q1860
Lab Sample ID:	Q1860-41DL2	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110810.D	50	04/25/25 08:20	04/28/25 18:12	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	210	UD	210	904	ug/kg
11104-28-2	Aroclor-1221	214	UD	214	904	ug/kg
11141-16-5	Aroclor-1232	198	UD	198	904	ug/kg
53469-21-9	Aroclor-1242	213	UD	213	904	ug/kg
12672-29-6	Aroclor-1248	3200	D	315	904	ug/kg
11097-69-1	Aroclor-1254	4200	DP	171	904	ug/kg
37324-23-5	Aroclor-1262	267	UD	267	904	ug/kg
11100-14-4	Aroclor-1268	191	UD	191	904	ug/kg
11096-82-5	Aroclor-1260	172	UD	172	904	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 18:12
Operator : YP/AJ
Sample : Q1860-41DL2 100X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:57:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
21)	L5 AR-1248-1	4.775	4.767	11564624	9280623	54.336	80.609m#
22)	L5 AR-1248-2	5.014	5.003	32011115	28511586	108.173	175.044m#
23)	L5 AR-1248-3	5.228	5.040	28946773	81928996	78.243	465.887m#
24)	L5 AR-1248-4	5.584	5.210	116.8E6	22114910	224.554m	108.577m#
25)	L5 AR-1248-5	5.626	5.603	115.3E6	15854242	312.206m	80.317 #
26)	L6 AR-1254-1	5.584	5.562	159.0E6	35325075	284.866m	117.165 #
27)	L6 AR-1254-2	5.734	5.710	253.8E6	24209242	522.641m	91.464 #
28)	L6 AR-1254-3	6.136	6.111	98711901	42392608	126.033	105.084
29)	L6 AR-1254-4	6.366	6.339	44644595	19352389	91.559	84.246
30)	L6 AR-1254-5	6.784	6.755	107.0E6	44163599	152.619	132.906

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 18:12
Operator : YP/AJ
Sample : Q1860-41DL2 100X
Misc :
ALS Vial : 24 Sample Multiplier: 1

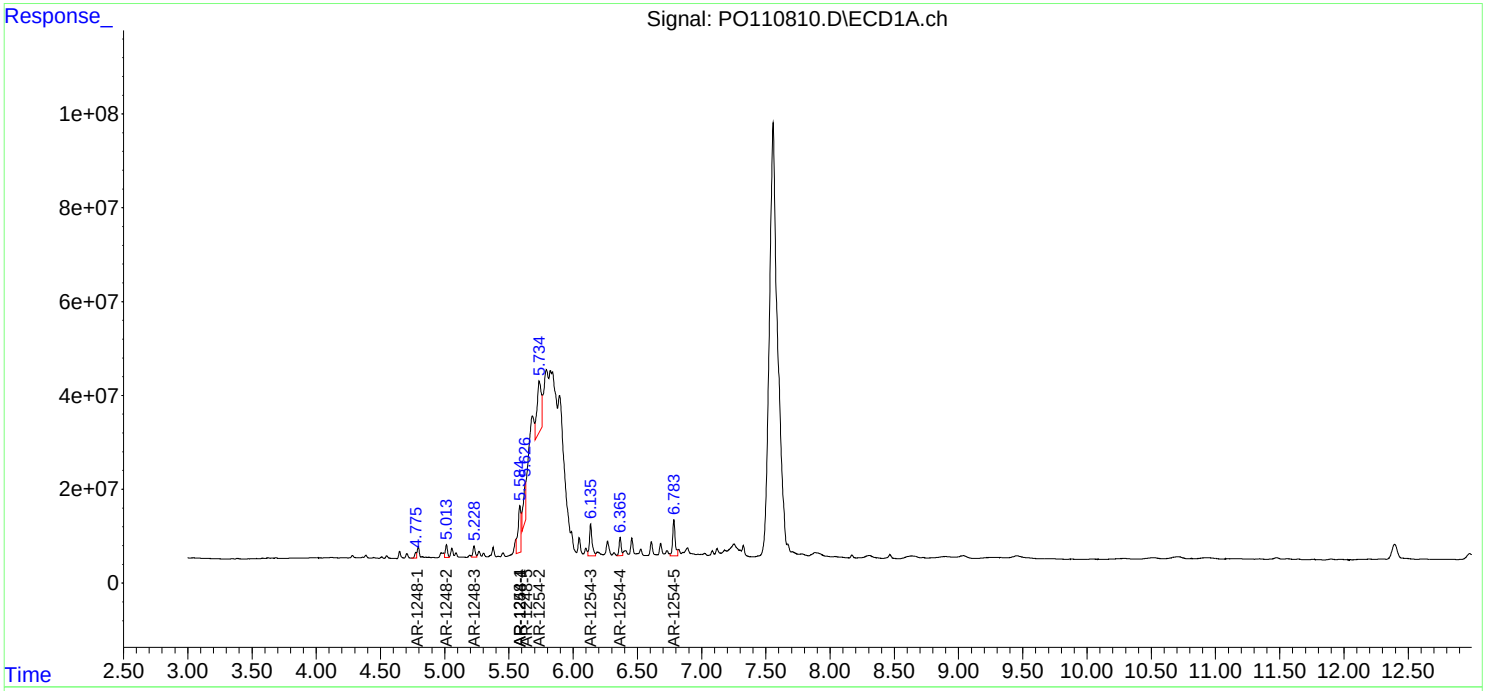
Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL2

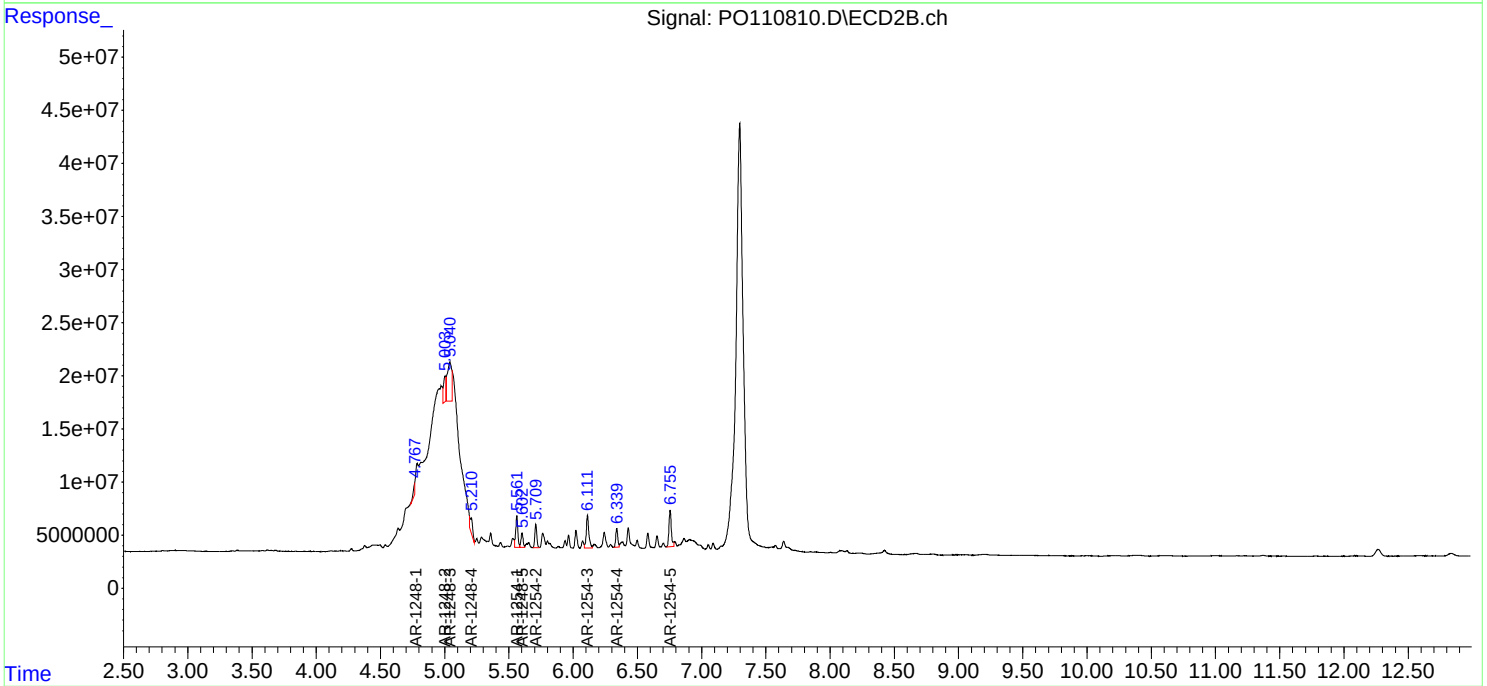
Manual Integrations APPROVED

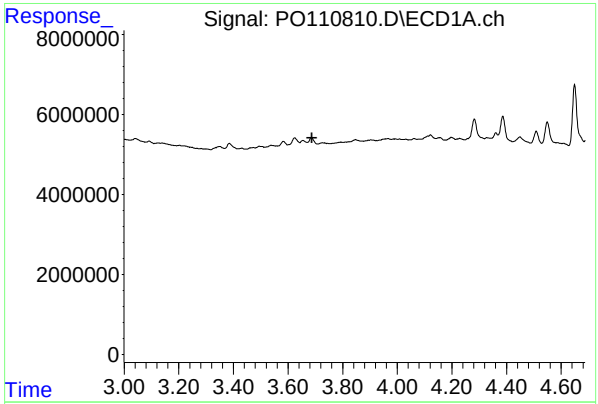
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:57:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







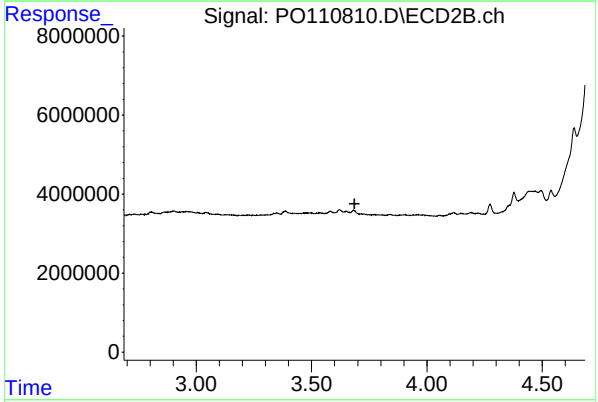
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL2

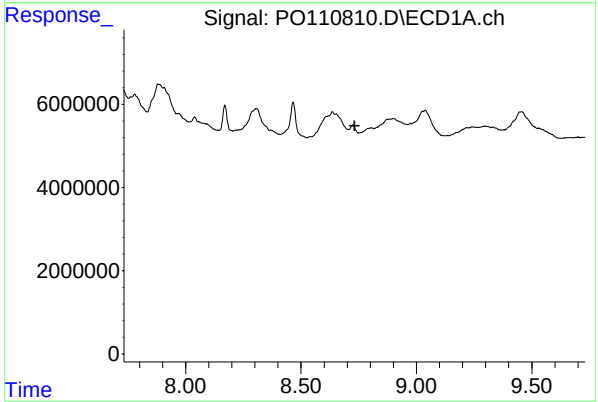
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



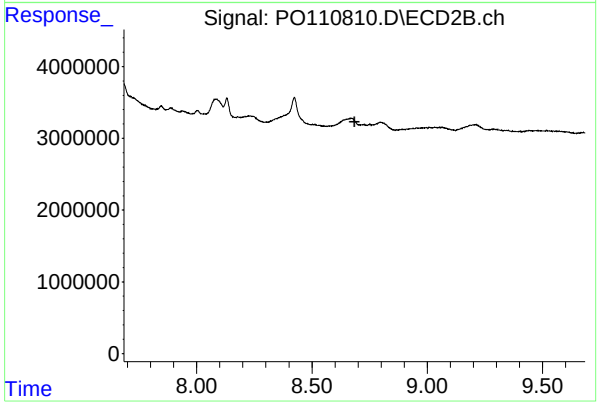
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.686 min
Response: 0
Conc: N.D.



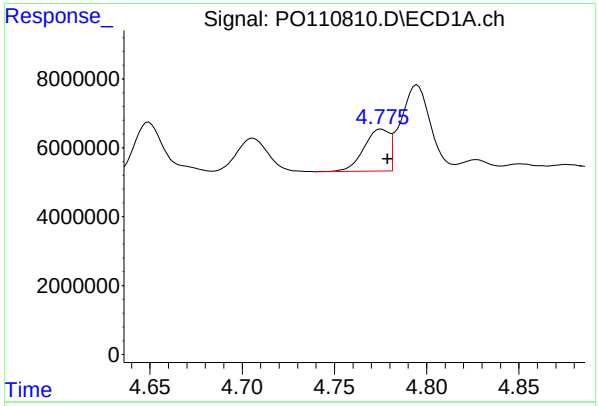
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.732 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.684 min
Response: 0
Conc: N.D.



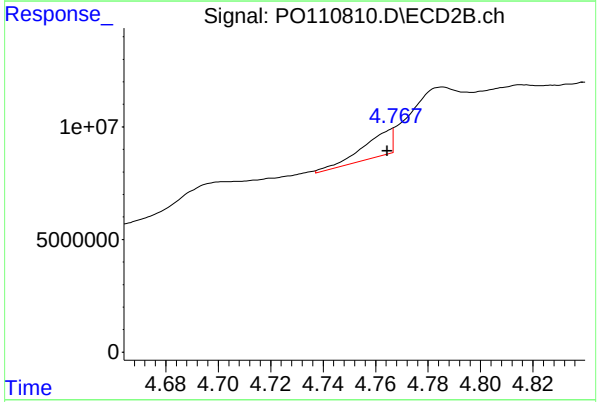
#21 AR-1248-1

R.T.: 4.775 min
Delta R.T.: -0.004 mi
Response: 11564624
Conc: 54.34 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL2

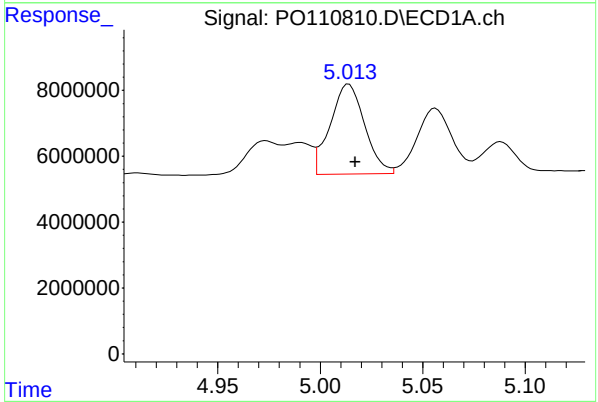
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



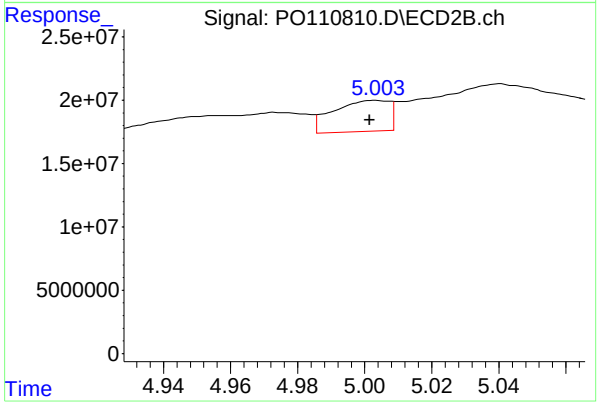
#21 AR-1248-1

R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 9280623
Conc: 80.61 ng/ml m



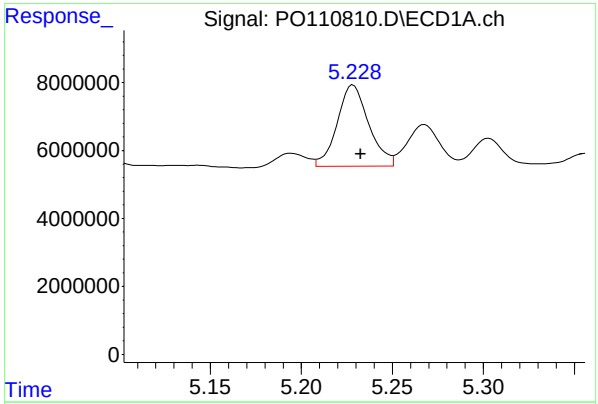
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 32011115
Conc: 108.17 ng/ml



#22 AR-1248-2

R.T.: 5.003 min
Delta R.T.: 0.002 min
Response: 28511586
Conc: 175.04 ng/ml m



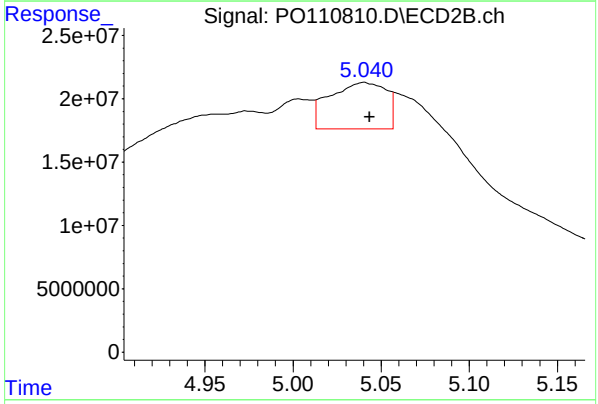
#23 AR-1248-3

R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 28946773
Conc: 78.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL2

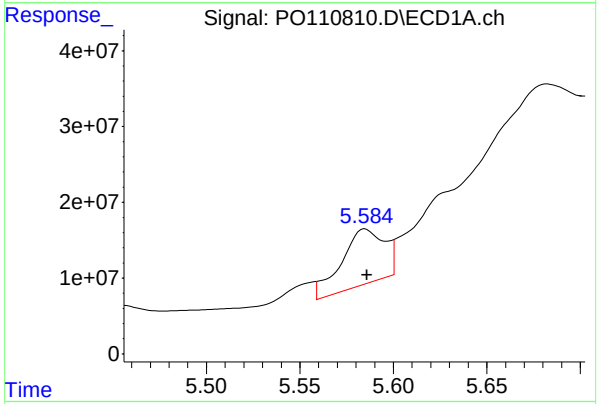
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



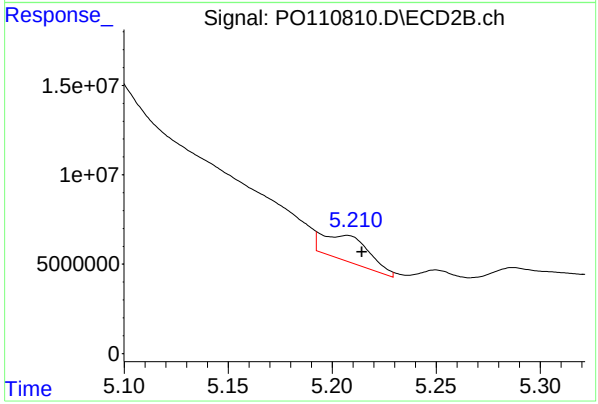
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 81928996
Conc: 465.89 ng/ml m



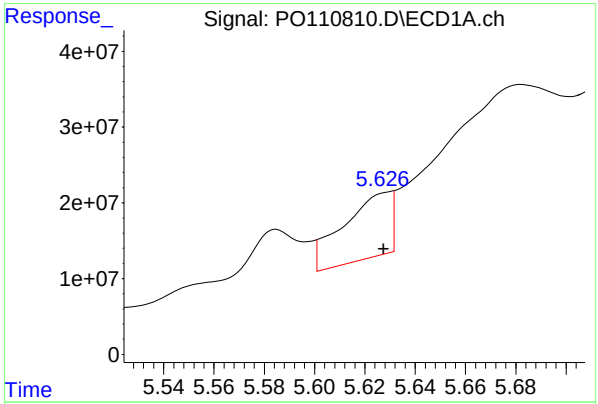
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 116775142
Conc: 224.55 ng/ml m



#24 AR-1248-4

R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 22114910
Conc: 108.58 ng/ml m



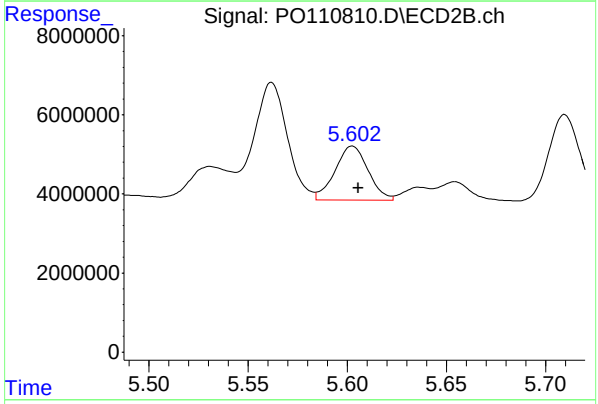
#25 AR-1248-5

R.T.: 5.626 min
Delta R.T.: -0.002 mi
Response: 115337095
Conc: 312.21 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL2

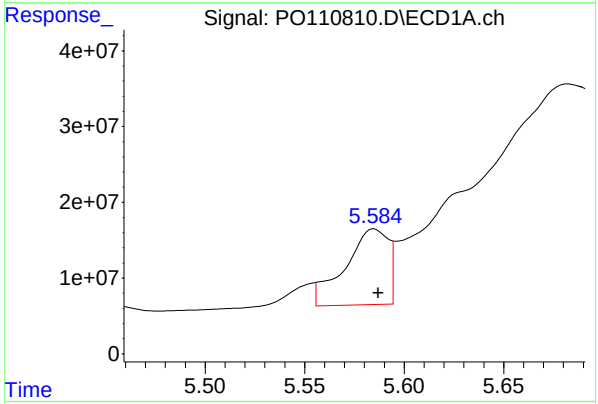
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



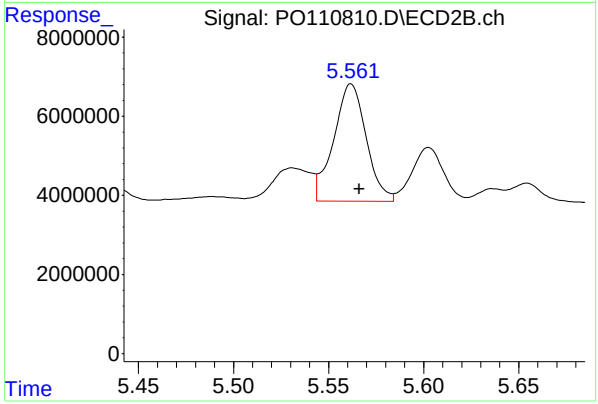
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 15854242
Conc: 80.32 ng/ml



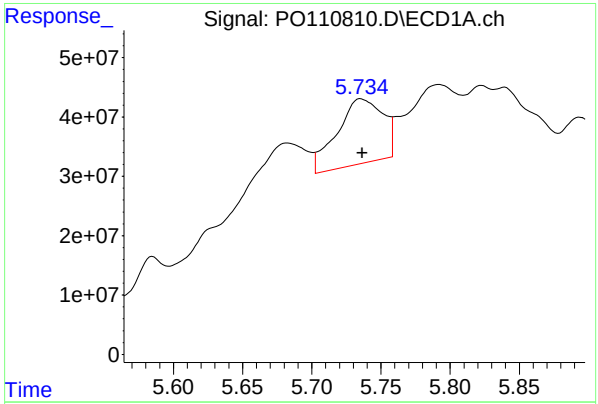
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 158952276
Conc: 284.87 ng/ml m



#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 35325075
Conc: 117.16 ng/ml



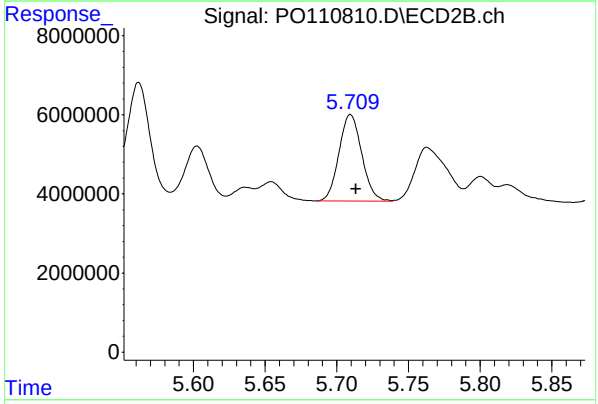
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.002 min
Response: 253847949
Conc: 522.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL2

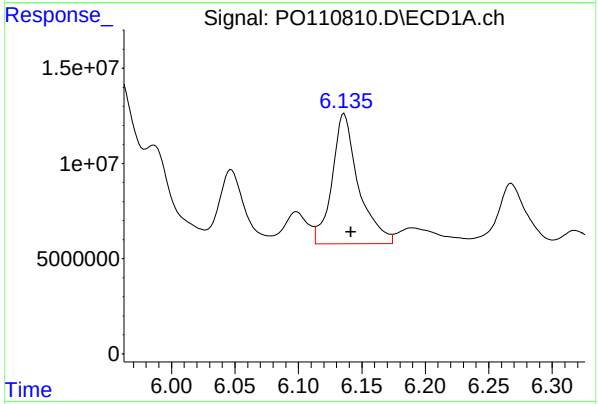
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



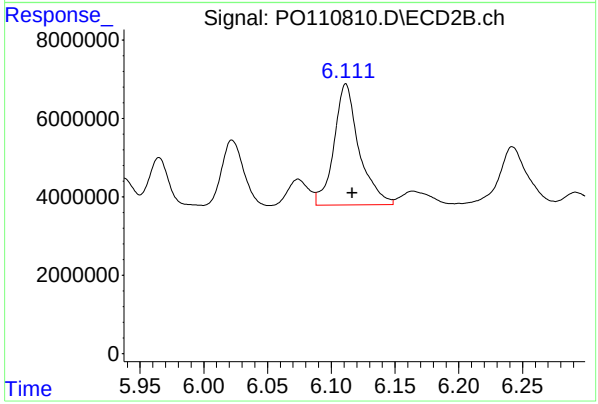
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 24209242
Conc: 91.46 ng/ml



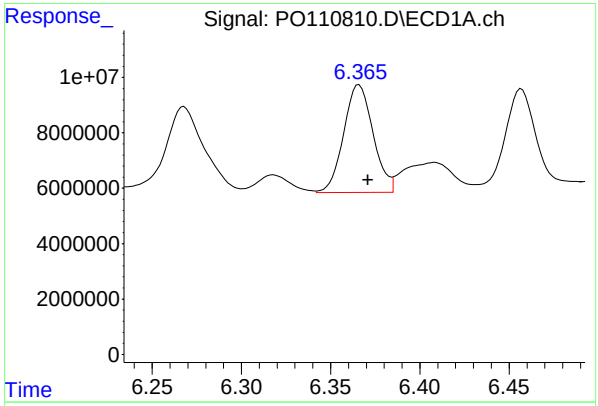
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 98711901
Conc: 126.03 ng/ml



#28 AR-1254-3

R.T.: 6.111 min
Delta R.T.: -0.005 min
Response: 42392608
Conc: 105.08 ng/ml



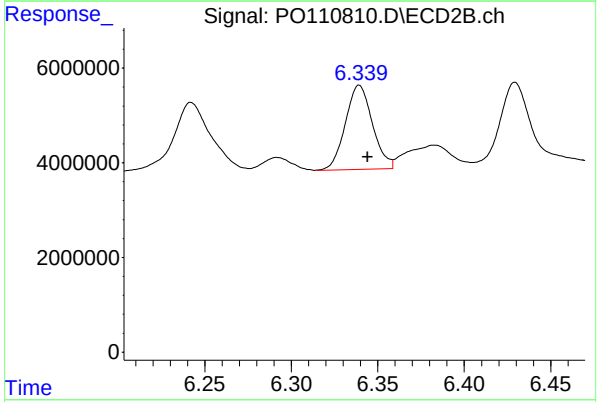
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 44644595
Conc: 91.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS035-01DL2

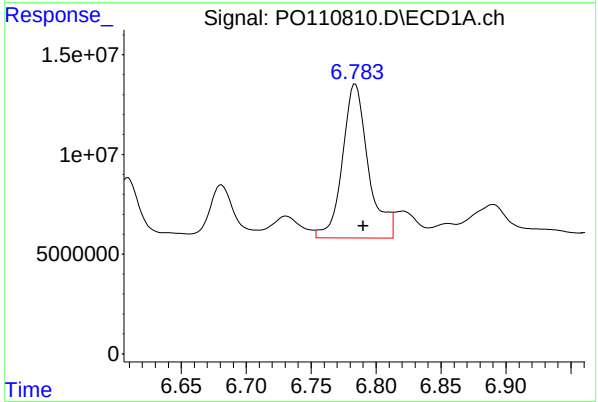
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



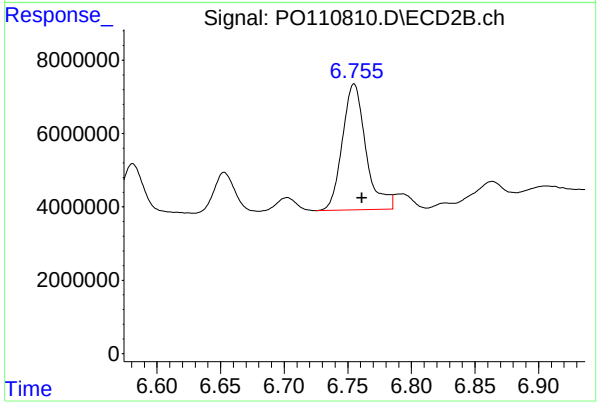
#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 19352389
Conc: 84.25 ng/ml



#30 AR-1254-5

R.T.: 6.784 min
Delta R.T.: -0.006 min
Response: 106970733
Conc: 152.62 ng/ml



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 44163599
Conc: 132.91 ng/ml

Raw Data: **PP071539.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/21/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS036-01	SDG No.:	Q1860
Lab Sample ID:	Q1860-42	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.4 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071539.D	1	04/25/25 08:20	04/28/25 11:32	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.0	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.0	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	18.0	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	18.0	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.0	ug/kg
11097-69-1	Aroclor-1254	19.6	P	3.40	18.0	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	18.0	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.0	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	18.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		32 - 175	82%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071539.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 11:32
Operator : YP\AJ
Sample : Q1860-42
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS036-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:12:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.510	3.811	27380566	25698168	13.810	18.243	#
2)	SA Decachlor...	10.224	8.843	23126201	14348737	15.971	16.360	
	Target Compounds							
26)	L6 AR-1254-1	6.510	5.698	2487932	4570504	30.359	50.005	#
27)	L6 AR-1254-2	6.727	5.846	4203773	2937773	33.081m	37.323	
28)	L6 AR-1254-3	7.092	6.250	5539347	4630631	43.352	39.074	
29)	L6 AR-1254-4	7.374	6.475	3484106	8681123	29.649	112.500m	#
30)	L6 AR-1254-5	7.789	6.895	7108934	3982877	65.988m	39.253	#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP071539.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 11:32
Operator : YP\AJ
Sample : Q1860-42
Misc :
ALS Vial : 13 Sample Multiplier: 1

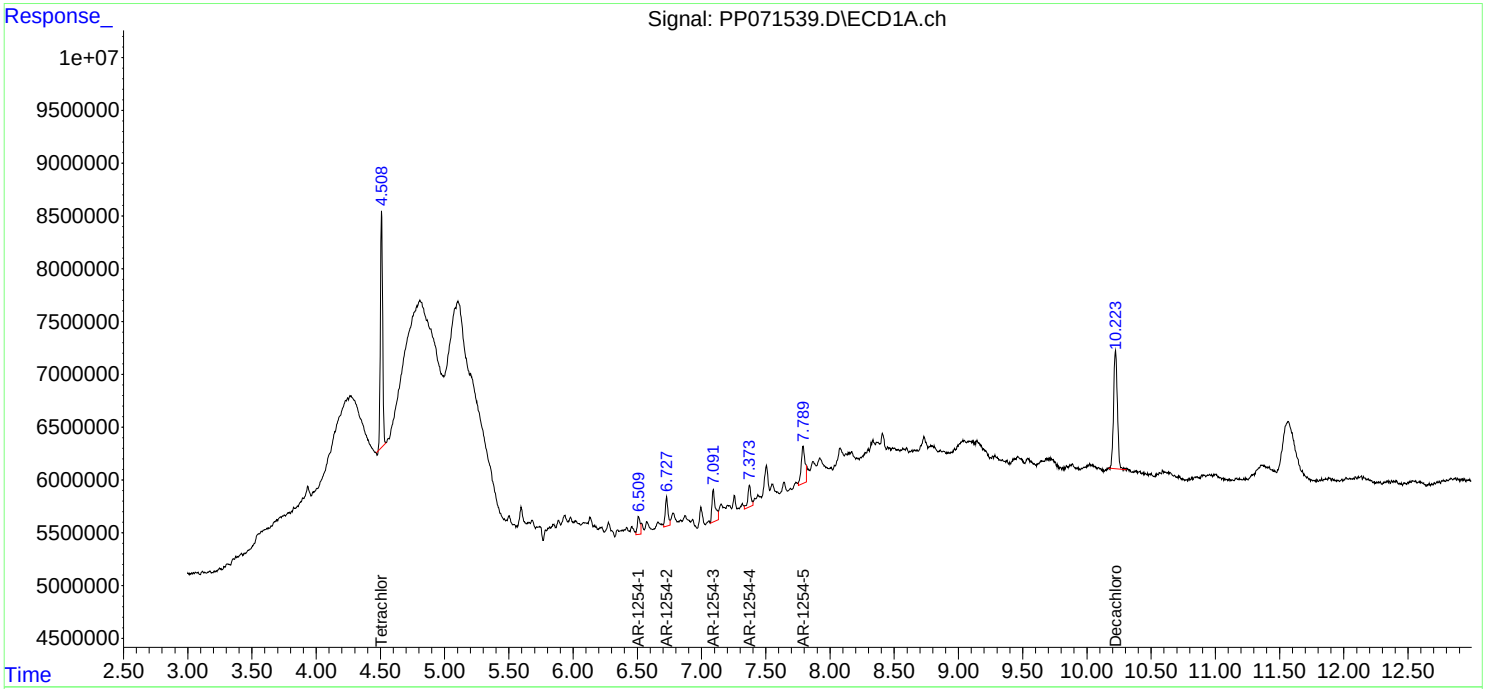
Instrument :
ECD_P
ClientSampleId :
P001-SS036-01

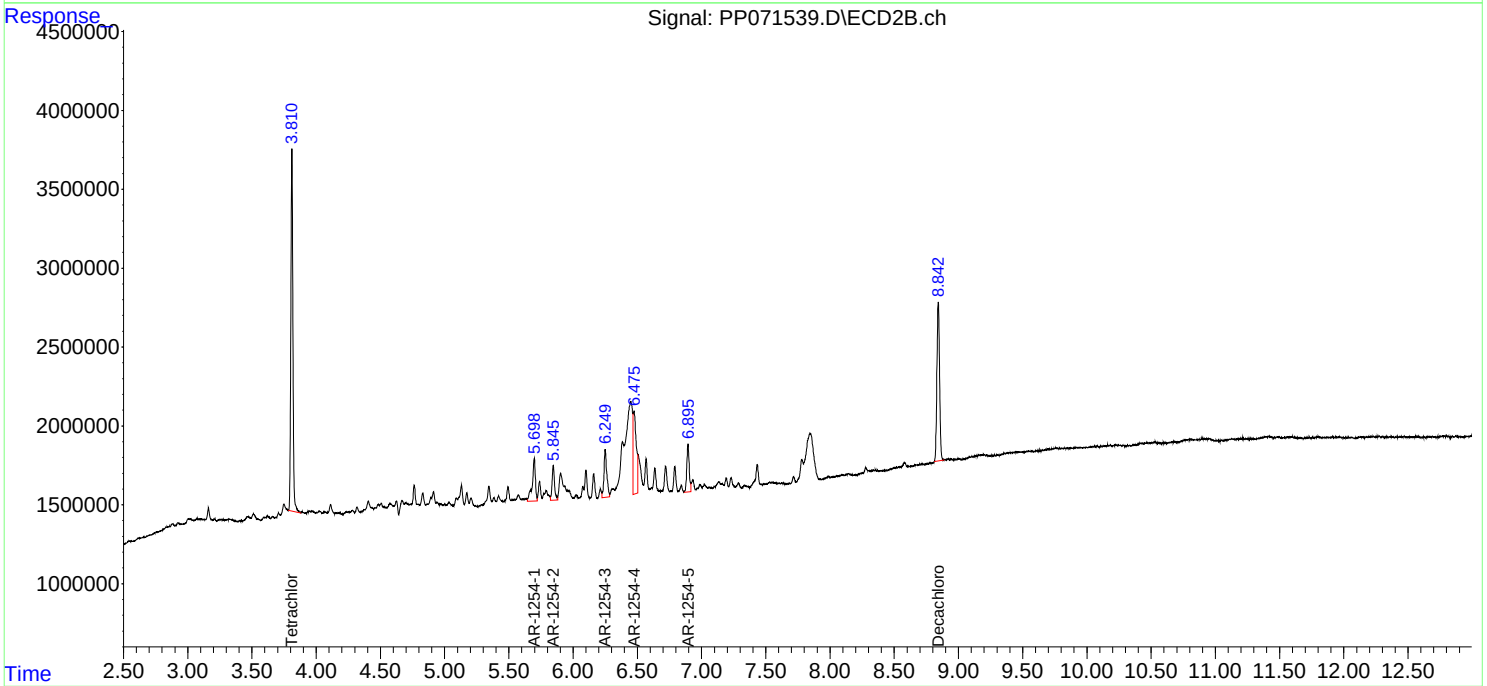
Manual Integrations APPROVED

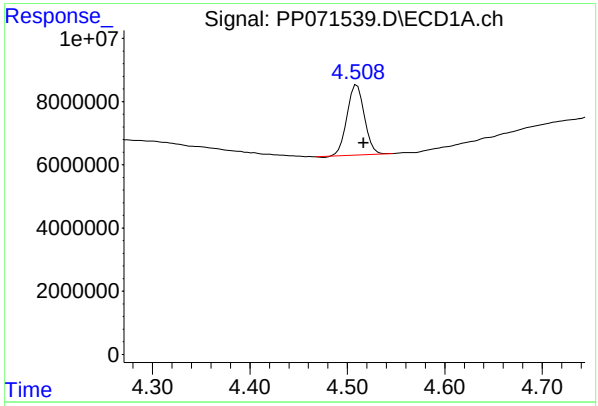
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:12:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







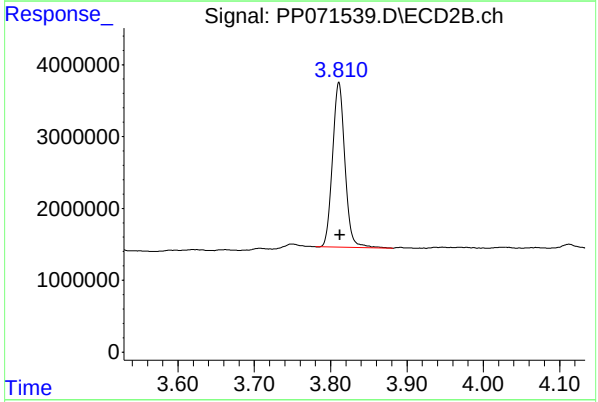
#1 Tetrachloro-m-xylene

R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 27380566
Conc: 13.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS036-01

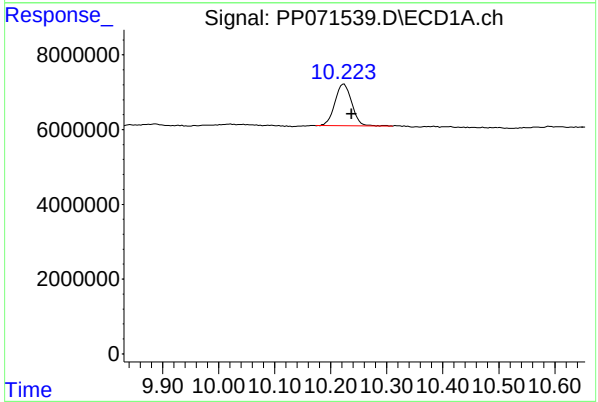
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



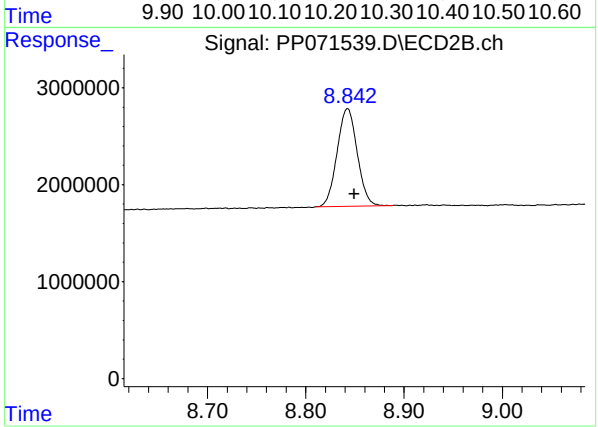
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 25698168
Conc: 18.24 ng/ml



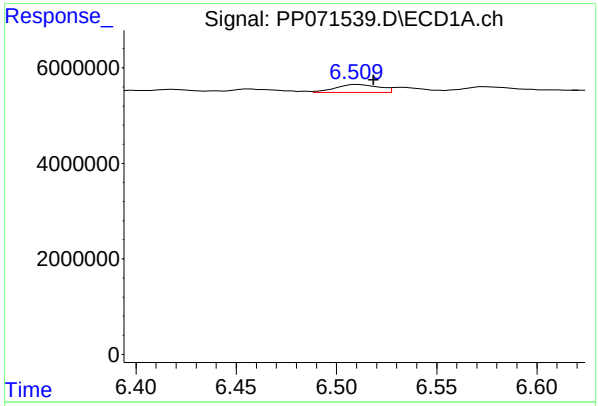
#2 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: -0.013 min
Response: 23126201
Conc: 15.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.843 min
Delta R.T.: -0.007 min
Response: 14348737
Conc: 16.36 ng/ml



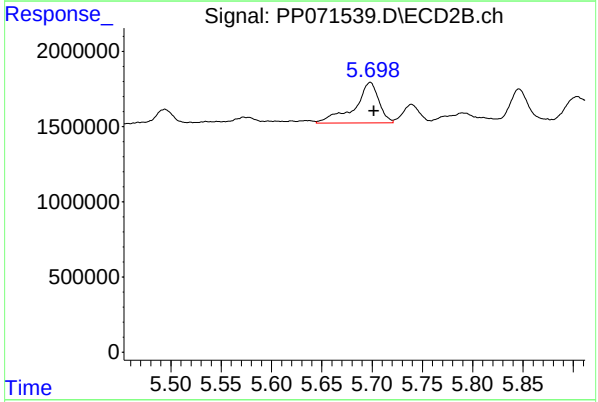
#26 AR-1254-1

R.T.: 6.510 min
Delta R.T.: -0.008 mi
Response: 2487932
Conc: 30.36 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS036-01

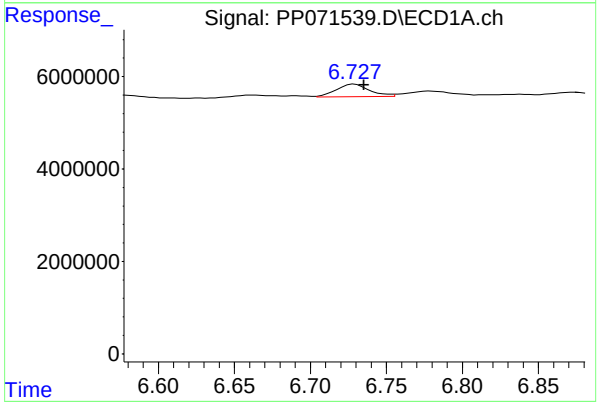
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



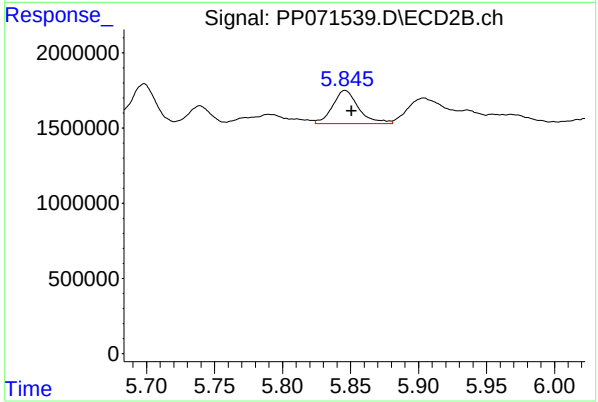
#26 AR-1254-1

R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 4570504
Conc: 50.01 ng/ml



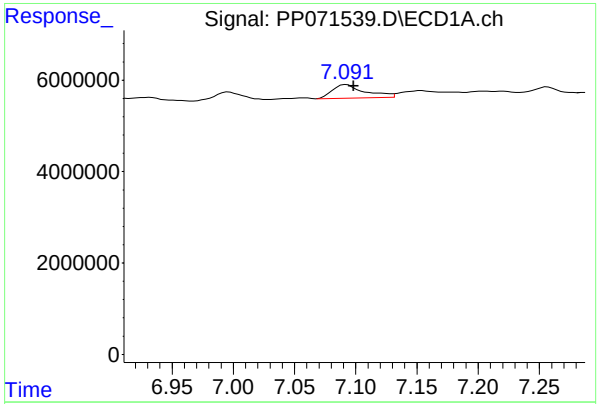
#27 AR-1254-2

R.T.: 6.727 min
Delta R.T.: -0.008 min
Response: 4203773
Conc: 33.08 ng/ml m



#27 AR-1254-2

R.T.: 5.846 min
Delta R.T.: -0.005 min
Response: 2937773
Conc: 37.32 ng/ml



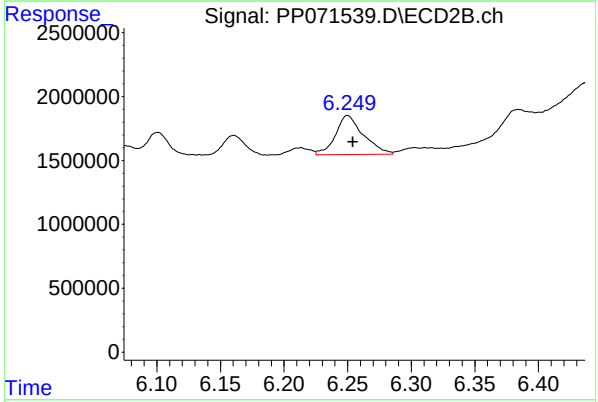
#28 AR-1254-3

R.T.: 7.092 min
Delta R.T.: -0.006 mi
Response: 5539347
Conc: 43.35 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS036-01

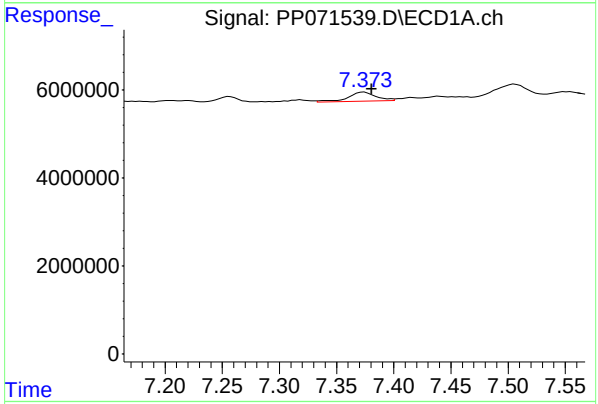
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



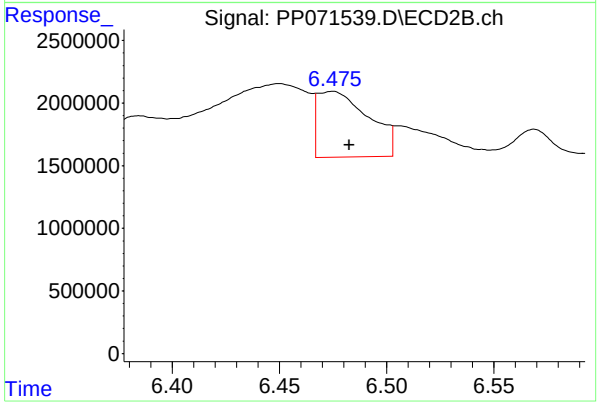
#28 AR-1254-3

R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 4630631
Conc: 39.07 ng/ml



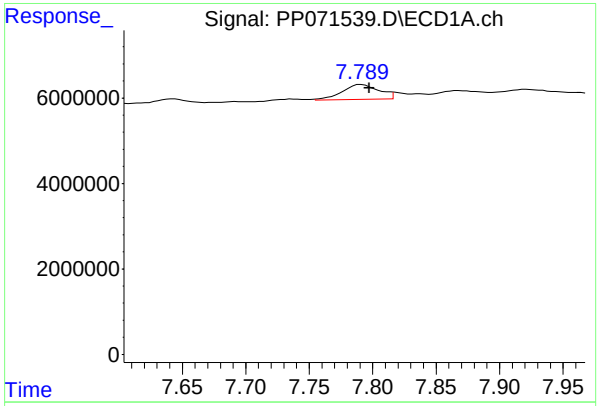
#29 AR-1254-4

R.T.: 7.374 min
Delta R.T.: -0.007 min
Response: 3484106
Conc: 29.65 ng/ml



#29 AR-1254-4

R.T.: 6.475 min
Delta R.T.: -0.008 min
Response: 8681123
Conc: 112.50 ng/ml m



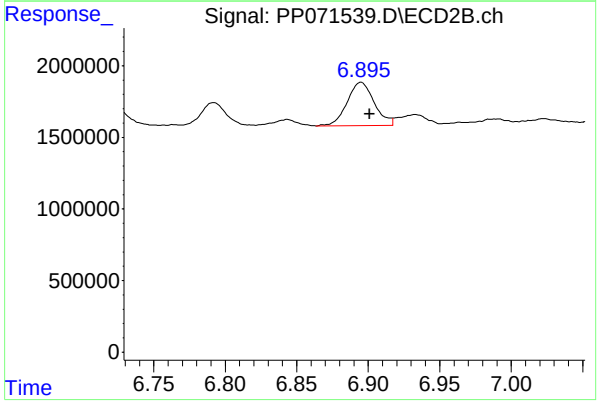
#30 AR-1254-5

R.T.: 7.789 min
Delta R.T.: -0.008 min
Response: 7108934
Conc: 65.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS036-01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



#30 AR-1254-5

R.T.: 6.895 min
Delta R.T.: -0.006 min
Response: 3982877
Conc: 39.25 ng/ml

CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO110349.D RT 750 = PO110350.D

RT 500 = PO110351.D RT 250 = PO110352.D RT 050 = PO110353.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1016-3	(3)	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Aroclor-1016-4	(4)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1016-5	(5)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1260-1	(1)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-2	(2)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1260-3	(3)	6.83	6.83	6.83	6.83	6.83	6.83	6.73	6.93
Aroclor-1260-4	(4)	7.09	7.09	7.09	7.09	7.09	7.09	6.99	7.19
Aroclor-1260-5	(5)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1242-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1242-3	(3)	4.86	4.86	4.86	4.86	4.85	4.86	4.76	4.96
Aroclor-1242-4	(4)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1242-5	(5)	5.63	5.63	5.63	5.63	5.63	5.63	5.53	5.73
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1248-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1248-2	(2)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1248-3	(3)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1248-4	(4)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Aroclor-1248-5	(5)	5.63	5.63	5.63	5.63	5.63	5.63	5.53	5.73
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1254-1	(1)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Aroclor-1254-2	(2)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Aroclor-1254-3	(3)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1254-4	(4)	6.37	6.37	6.37	6.37	6.37	6.37	6.27	6.47
Aroclor-1254-5	(5)	6.79	6.79	6.79	6.79	6.79	6.79	6.69	6.89
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1268-1	(1)	7.62	7.61	7.62	7.62	7.62	7.62	7.52	7.72
Aroclor-1268-2	(2)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1268-3	(3)	7.89	7.89	7.89	7.89	7.89	7.89	7.79	7.99
Aroclor-1268-4	(4)	8.18	8.17	8.18	8.18	8.18	8.18	8.08	8.28
Aroclor-1268-5	(5)	8.47	8.47	8.47	8.47	8.47	8.47	8.37	8.57

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene	3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79

Raw Data

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO110349.D RT 750 = PO110350.D

RT 500 = PO110351.D RT 250 = PO110352.D RT 050 = PO110353.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-2	(2)	4.78	4.79	4.78	4.78	4.79	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-4	(4)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1016-5	(5)	5.22	5.22	5.22	5.21	5.22	5.22	5.12	5.32
Aroclor-1260-1	(1)	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Aroclor-1260-2	(2)	6.43	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Aroclor-1260-4	(4)	7.06	7.06	7.06	7.06	7.06	7.06	6.96	7.16
Aroclor-1260-5	(5)	7.30	7.30	7.30	7.30	7.30	7.30	7.20	7.40
Decachlorobiphenyl		8.69	8.69	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1242-1	(1)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1242-2	(2)	4.79	4.79	4.78	4.79	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-4	(4)	5.04	5.05	5.04	5.05	5.04	5.04	4.94	5.14
Aroclor-1242-5	(5)	5.57	5.57	5.56	5.57	5.56	5.57	5.47	5.67
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.68	3.69	3.68	3.69	3.59	3.79
Aroclor-1248-1	(1)	4.77	4.77	4.77	4.77	4.76	4.77	4.67	4.87
Aroclor-1248-2	(2)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-3	(3)	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Aroclor-1248-4	(4)	5.21	5.22	5.22	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-5	(5)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Decachlorobiphenyl		8.68	8.69	8.69	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.68	3.69	3.59	3.79
Aroclor-1254-1	(1)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1254-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-3	(3)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1254-4	(4)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.69	3.69	3.69	3.68	3.69	3.69	3.59	3.79
Aroclor-1268-1	(1)	7.58	7.58	7.58	7.58	7.58	7.58	7.48	7.68
Aroclor-1268-2	(2)	7.65	7.65	7.65	7.65	7.65	7.65	7.55	7.75
Aroclor-1268-3	(3)	7.85	7.85	7.85	7.85	7.85	7.85	7.75	7.95
Aroclor-1268-4	(4)	8.14	8.14	8.14	8.14	8.14	8.14	8.04	8.24
Aroclor-1268-5	(5)	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene	3.68	3.68	3.69	3.69	3.68	3.68	3.58	3.78

Raw Data

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PO110349.D **CF 750 =** PO110350.D

CF 500 = PO110351.D **CF 250 =** PO110352.D **CF 050 =** PO110353.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	301539199	312147691	325366094	341425388	360239300	328143534	7
Aroclor-1016-2	(2)	424202495	441346851	452587054	472466840	484138100	454948268	5
Aroclor-1016-3	(3)	286857785	300177247	315792572	336640016	373170260	322527576	10
Aroclor-1016-4	(4)	227624644	238137328	247842320	261218376	270999820	249164498	7
Aroclor-1016-5	(5)	238190199	250655776	262830422	281583724	311798080	269011640	11
Aroclor-1260-1	(1)	429982139	447081743	462005040	490865312	532292280	472445303	9
Aroclor-1260-2	(2)	524274151	548276752	560001580	596374412	703195060	586424391	12
Aroclor-1260-3	(3)	446012749	466468717	482076654	511871688	557932460	492872454	9
Aroclor-1260-4	(4)	382143422	400404183	417623168	445374396	476569960	424423026	9
Aroclor-1260-5	(5)	1002895230	1031868237	1046125762	1065122080	1071346720	1043471606	3
Decachlorobiphenyl		7251274760	7526590267	7768647820	8211713920	8716546400	7894954633	7
Tetrachloro-m-xylene		8603197440	8796106920	8951138380	8737007280	8657843200	8749058644	2
Aroclor-1242-1	(1)	251425090	265265637	280796652	297523620	292655800	277533360	7
Aroclor-1242-2	(2)	357466275	381332853	387813836	403164036	399090640	385773528	5
Aroclor-1242-3	(3)	243771373	289655151	275873660	292357392	289351880	278201891	7
Aroclor-1242-4	(4)	192501706	205352244	214136342	225398444	219447980	211367343	6
Aroclor-1242-5	(5)	201519138	214789603	225760330	239210520	250688060	226393530	9
Decachlorobiphenyl		7236681930	7570895773	7844756000	8188613360	8340739400	7836337293	6
Tetrachloro-m-xylene		8271521710	8776052907	8899890520	8994445160	8028934800	8594169019	5
Aroclor-1248-1	(1)	197377890	205758444	217881170	227760364	215403640	212836302	5
Aroclor-1248-2	(2)	269669918	281050744	300223294	312748708	315932500	295925033	7
Aroclor-1248-3	(3)	336662132	352073889	372312126	402058472	386700500	369961424	7
Aroclor-1248-4	(4)	480139637	497256893	523877470	552564648	546315400	520030810	6
Aroclor-1248-5	(5)	340550967	353429060	372487386	395512156	385149340	369425782	6
Decachlorobiphenyl		7423367890	7666646707	8031765140	8382357480	8221484000	7945124243	5
Tetrachloro-m-xylene		8572177400	8675092440	8959183240	8875828960	7878695600	8592195528	5
Aroclor-1254-1	(1)	517202507	536393799	555537214	581626948	599185020	557989098	6
Aroclor-1254-2	(2)	450798901	468206104	477861830	506770124	524875880	485702568	6
Aroclor-1254-3	(3)	746169545	769125461	779743060	811121676	809948840	783221716	4
Aroclor-1254-4	(4)	460149954	473941677	490156778	505394424	508383480	487605263	4
Aroclor-1254-5	(5)	657635451	678198725	698380664	724566284	745718260	700899877	5
Decachlorobiphenyl		7612990370	7886723680	8142983840	8479059160	8719027400	8168156890	5
Tetrachloro-m-xylene		8665092200	8825966600	8709112240	8974669960	8357494600	8706467120	3
Aroclor-1268-1	(1)	1383597022	1397247867	1409112634	1454718672	1376171500	1404169539	2

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1284666762	1297280443	1294427176	1315942372	1206403380	1279744027	3
Aroclor-1268-3	(3)	1040477449	1046596769	1051327350	1081872512	994526740	1042960164	3
Aroclor-1268-4	(4)	443191011	422978037	441841820	472590652	440184600	444157224	4
Aroclor-1268-5	(5)	3289098269	3287076648	3286110800	3299829260	2937018240	3219826643	5
Decachlorobiphenyl		14008782040	14232407573	14386243640	14978905640	14264840400	14374235859	3
Tetrachloro-m-xylene		8842756020	8685831240	8461342580	8927106240	7893566400	8562120496	5

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PO110349.D **CF 750 =** PO110350.D

CF 500 = PO110351.D **CF 250 =** PO110352.D **CF 050 =** PO110353.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	159213491	166153001	173161426	184455932	194563640	175509498	8
Aroclor-1016-2	(2)	235577328	244073360	249915638	259769828	267988640	251464959	5
Aroclor-1016-3	(3)	123754519	129314112	134837594	142342816	148305560	135710920	7
Aroclor-1016-4	(4)	100154968	106815488	112688448	121621132	130559280	114367863	11
Aroclor-1016-5	(5)	131736277	138471012	145266388	155239544	174656140	149073872	11
Aroclor-1260-1	(1)	221282381	231306280	240804372	256804492	279620260	245963557	9
Aroclor-1260-2	(2)	260045501	271771868	281572488	298549944	346814040	291750768	12
Aroclor-1260-3	(3)	243412958	253822376	261595986	277903536	317685740	270884119	11
Aroclor-1260-4	(4)	177247956	186943988	195746612	210913364	232348220	200640028	11
Aroclor-1260-5	(5)	430279301	445092429	452357666	469475868	497083160	458857685	6
Decachlorobiphenyl		1704536950	1791384040	1872045360	2025627840	2231357400	1924990318	11
Tetrachloro-m-xylene		4868987290	4975470093	5049711440	5093085920	4961663200	4989783589	2
Aroclor-1242-1	(1)	135406625	142863792	148969750	157870364	162402140	149502534	7
Aroclor-1242-2	(2)	196039746	208415869	214437698	224916372	223006160	213363169	6
Aroclor-1242-3	(3)	104255216	111360831	115893042	122823476	123579060	115582325	7
Aroclor-1242-4	(4)	104208953	112717296	118822658	128761036	135986400	120099269	11
Aroclor-1242-5	(5)	127551049	136157379	142405808	154240196	165129880	145096862	10
Decachlorobiphenyl		1618576700	1765984867	1877839140	2017748840	2043806200	1864791149	10
Tetrachloro-m-xylene		4668026020	4940087107	5018557540	5112714200	4785540800	4904985133	4
Aroclor-1248-1	(1)	105821161	111030904	117101186	122057144	119649440	115131967	6
Aroclor-1248-2	(2)	147033899	153433108	164488546	172099504	177357920	162882595	8
Aroclor-1248-3	(3)	157542784	164259717	175853068	186850756	194774160	175856097	9
Aroclor-1248-4	(4)	185573916	192640824	204179344	219437840	216561660	203678717	7
Aroclor-1248-5	(5)	181941821	187320336	197908182	210306260	209502440	197395808	6
Decachlorobiphenyl		1708281780	1752376693	1900332500	2015603280	2024700800	1880259011	8
Tetrachloro-m-xylene		4827908270	4873975707	5038663740	4997540000	4437882400	4835194023	5
Aroclor-1254-1	(1)	275528987	285381728	296386294	310788612	339409960	301499116	8
Aroclor-1254-2	(2)	239912515	249193828	258146844	274680708	301492780	264685335	9
Aroclor-1254-3	(3)	379979735	392440955	403528434	417422392	423708940	403416091	4
Aroclor-1254-4	(4)	215870098	222432417	229245508	238627400	242389020	229712889	5
Aroclor-1254-5	(5)	307722172	319481015	330728230	346867608	356659680	332291741	6
Decachlorobiphenyl		1672742580	1794748347	1901326780	2085791440	2132484800	1917418789	10
Tetrachloro-m-xylene		4865625930	4959437227	4872791400	5058078960	4761547200	4903496143	2
Aroclor-1268-1	(1)	525182929	538928599	545888608	568124632	560585780	547742110	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	480641047	490576048	498020244	516699400	501511240	497489596	3
Aroclor-1268-3	(3)	351934435	362716216	370714832	389280160	383206160	371570361	4
Aroclor-1268-4	(4)	132381746	136088747	141172922	152568336	143480180	141138386	5
Aroclor-1268-5	(5)	751733306	775563612	792246668	813875020	802618900	787207501	3
Decachlorobiphenyl		3018392240	3167067147	3278510040	3500677320	3503309000	3293591149	6
Tetrachloro-m-xylene		4973805090	4889835600	4772598500	5033958160	4487276800	4831494830	4

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_O **Date(s) Analyzed:** 04/10/2025 04/10/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.90	3.80	4.00	118035000
		2	3.99	3.89	4.09	88343600
		3	4.06	3.96	4.16	263124000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.06	3.96	4.16	204824000
		2	4.56	4.46	4.66	106709000
		3	4.80	4.70	4.90	199781000
		4	4.98	4.88	5.08	102298000
		5	5.02	4.92	5.12	68902400
Aroclor-1262	500	1	6.83	6.73	6.93	701458000
		2	7.33	7.23	7.43	1207740000
		3	7.62	7.52	7.72	509104000
		4	7.68	7.58	7.78	896274000
		5	8.18	8.08	8.28	402994000

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_O **Date(s) Analyzed:** 04/10/2025 04/10/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.90	3.80	4.00	66772400
		2	3.98	3.88	4.08	50096200
		3	4.06	3.96	4.16	149170000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.06	3.96	4.16	115024000
		2	4.78	4.68	4.88	110868000
		3	4.96	4.86	5.06	57203200
		4	5.04	4.94	5.14	53953400
		5	5.21	5.11	5.31	57135800
Aroclor-1262	500	1	6.80	6.70	6.90	329340000
		2	7.30	7.20	7.40	508458000
		3	7.58	7.48	7.68	193630000
		4	7.64	7.54	7.74	347054000
		5	8.14	8.04	8.24	124595000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:36
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 10:56:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.688	3.685	860.3E6	486.9E6	98.018	98.178
2) SA	Decachlor...	8.732	8.685	725.1E6	170.5E6	96.555	95.317
	Target Compounds						
3) L1	AR-1016-1	4.779	4.765	301.5E6	159.2E6	961.993	958.036
4) L1	AR-1016-2	4.798	4.784	424.2E6	235.6E6	967.627	970.466
5) L1	AR-1016-3	4.855	4.960	286.9E6	123.8E6	951.987	957.141
6) L1	AR-1016-4	4.975	5.002	227.6E6	100.2E6	957.478	941.114
7) L1	AR-1016-5	5.232	5.215	238.2E6	131.7E6	950.820	951.155
31) L7	AR-1260-1	6.272	6.246	430.0E6	221.3E6	964.099	957.753
32) L7	AR-1260-2	6.461	6.434	524.3E6	260.0E6	967.049	960.254
33) L7	AR-1260-3	6.828	6.586	446.0E6	243.4E6	961.142	963.995
34) L7	AR-1260-4	7.089	7.058	382.1E6	177.2E6	955.637	950.405
35) L7	AR-1260-5	7.330	7.299	1002.9E6	430.3E6	978.902	974.986

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

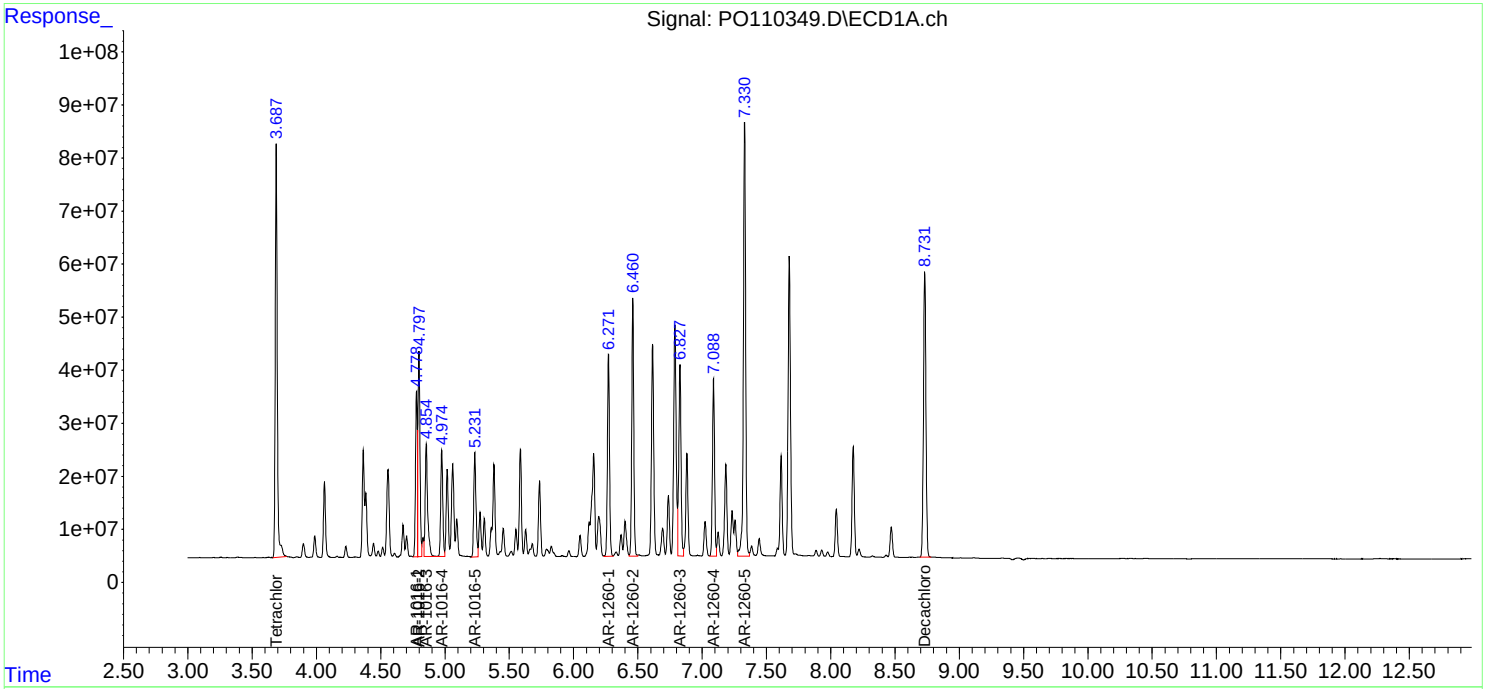
ICAL Form

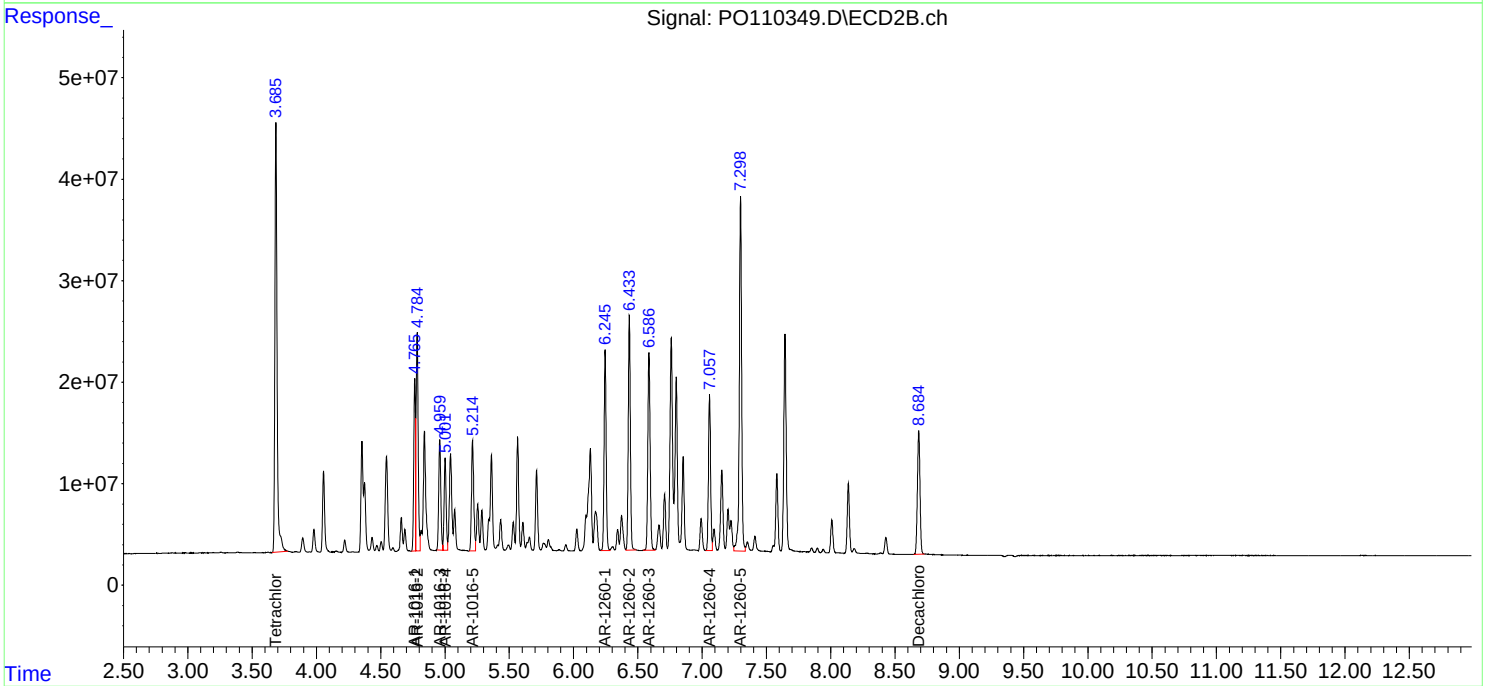
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:36
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

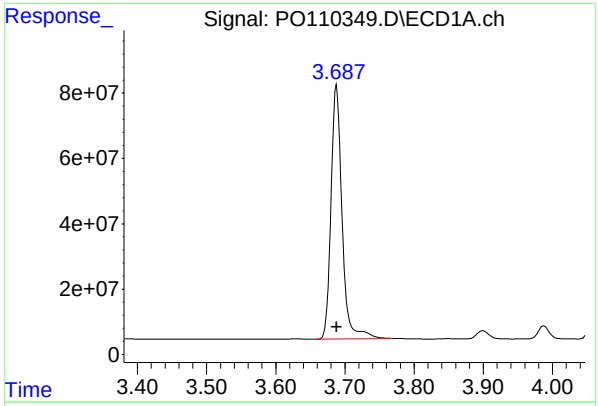
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 10:56:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



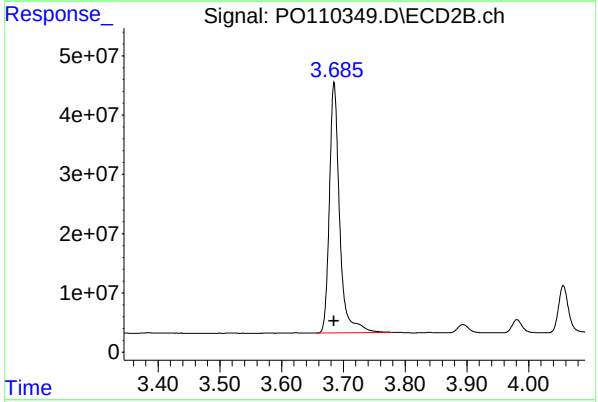




#1 Tetrachloro-m-xylene

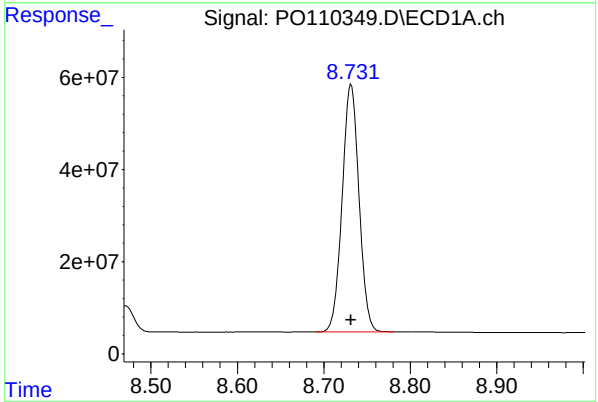
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 860319744
Conc: 98.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



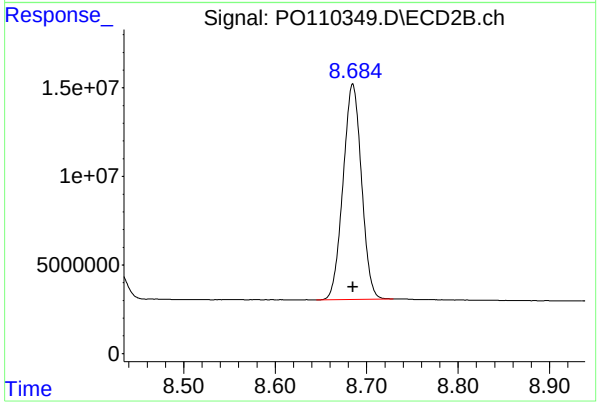
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 486898729
Conc: 98.18 ng/ml



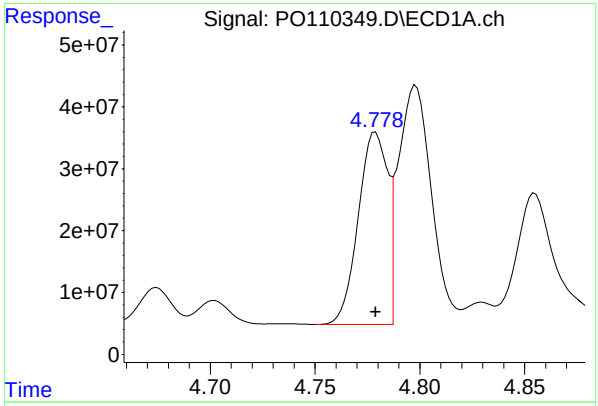
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 725127476
Conc: 96.56 ng/ml



#2 Decachlorobiphenyl

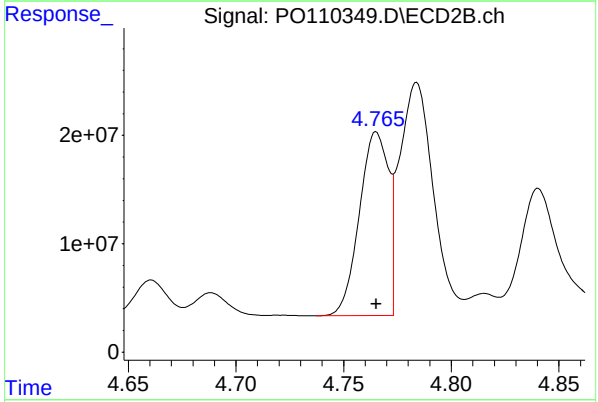
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 170453695
Conc: 95.32 ng/ml



#3 AR-1016-1

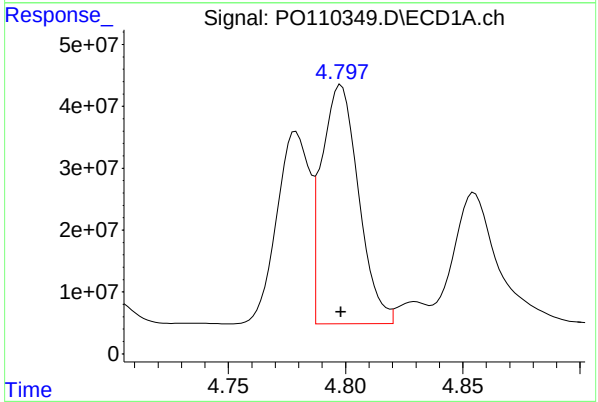
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 301539199
Conc: 961.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



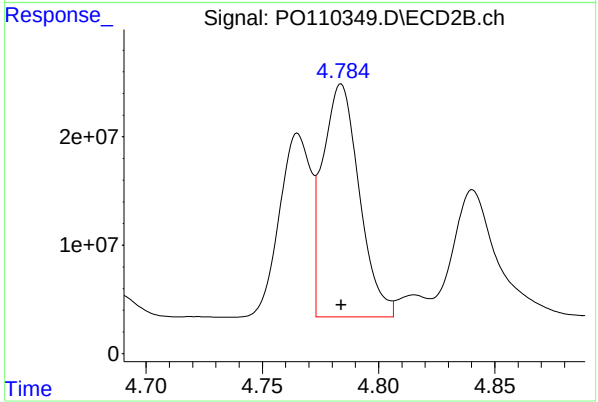
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 159213491
Conc: 958.04 ng/ml



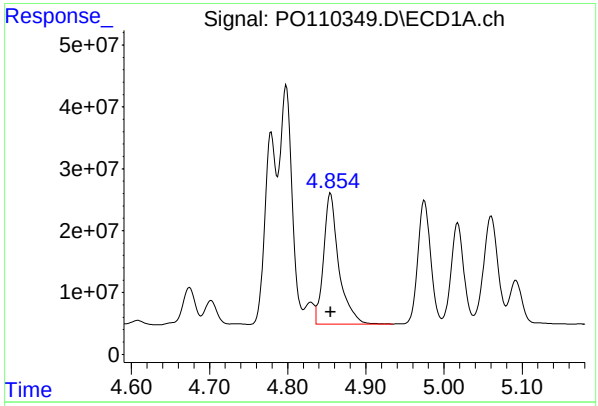
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 424202495
Conc: 967.63 ng/ml



#4 AR-1016-2

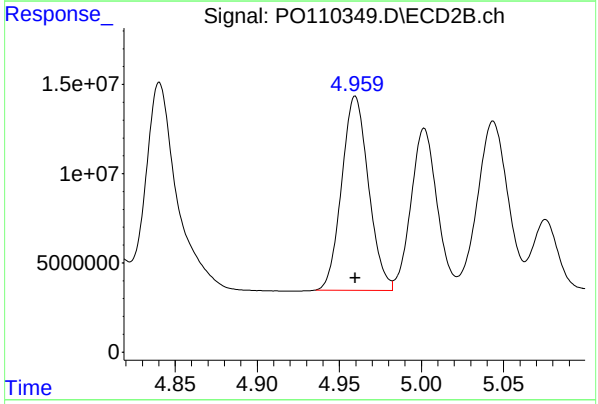
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 235577328
Conc: 970.47 ng/ml



#5 AR-1016-3

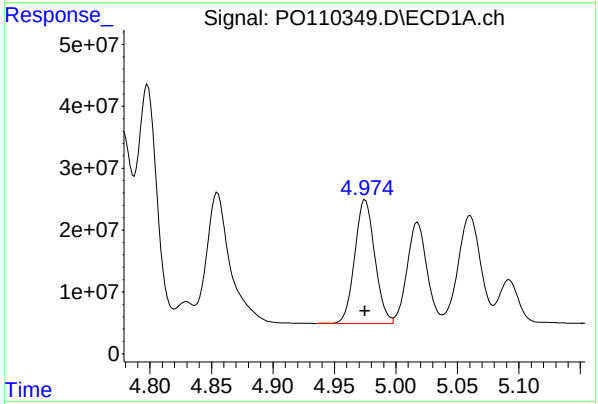
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 286857785
Conc: 951.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



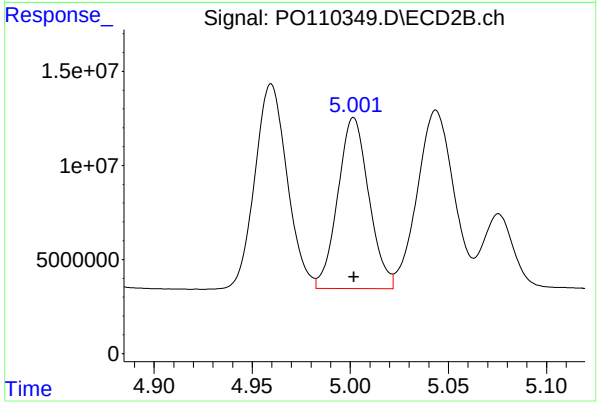
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 123754519
Conc: 957.14 ng/ml



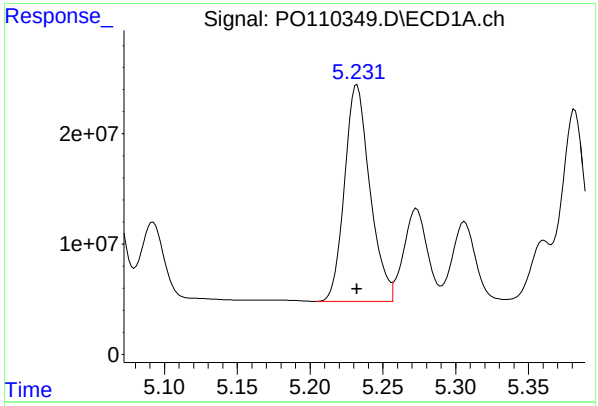
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 227624644
Conc: 957.48 ng/ml



#6 AR-1016-4

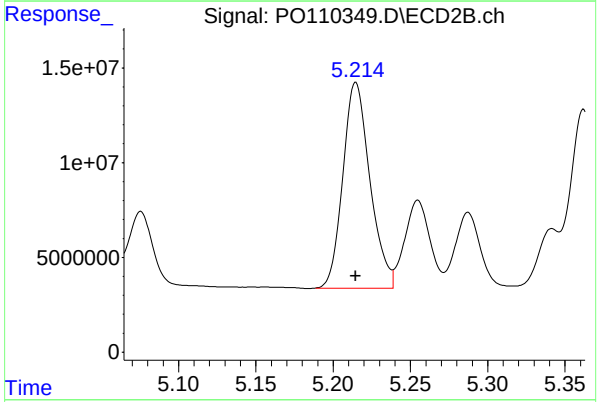
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 100154968
Conc: 941.11 ng/ml



#7 AR-1016-5

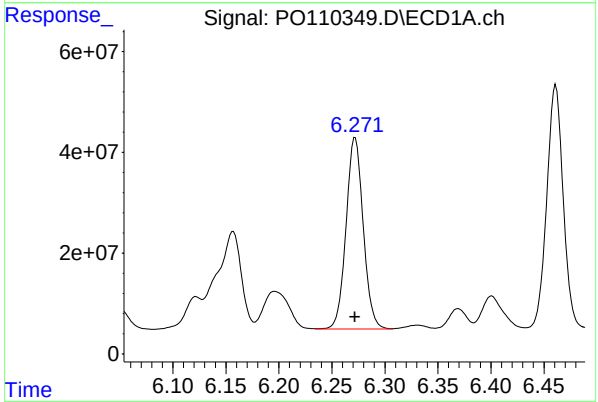
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 238190199
Conc: 950.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



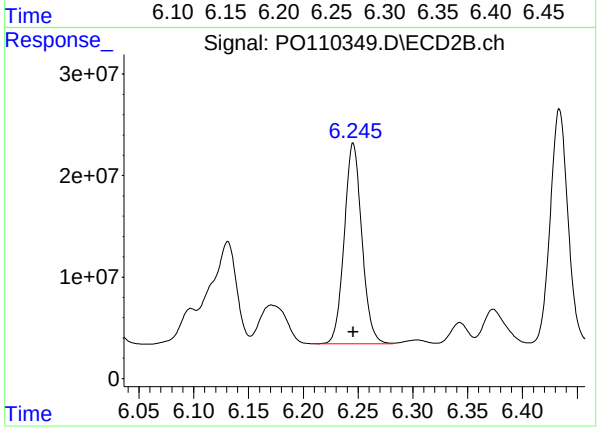
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 131736277
Conc: 951.16 ng/ml



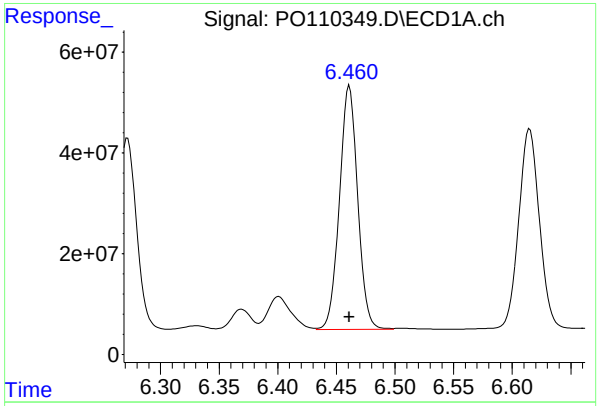
#31 AR-1260-1

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 429982139
Conc: 964.10 ng/ml



#31 AR-1260-1

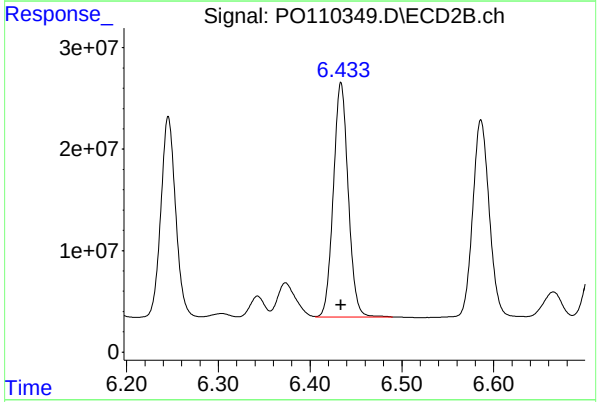
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 221282381
Conc: 957.75 ng/ml



#32 AR-1260-2

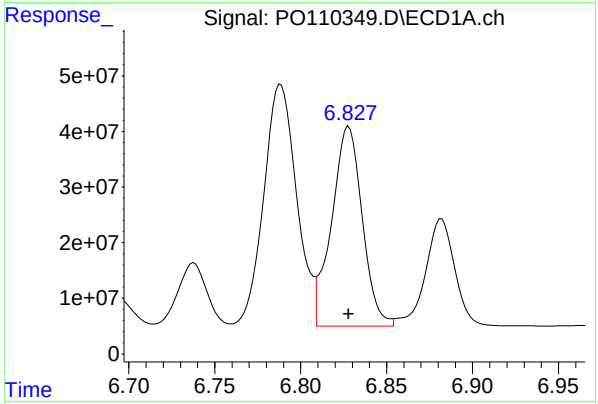
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 524274151
Conc: 967.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



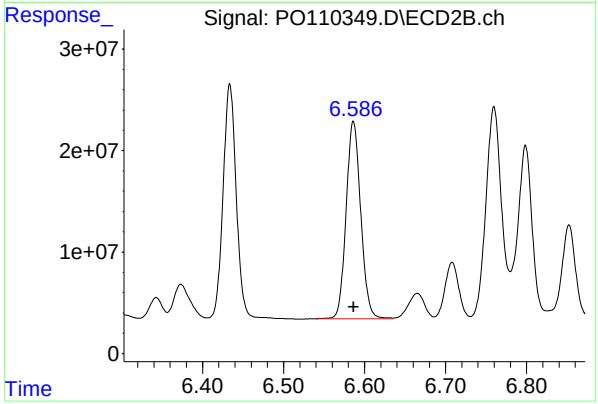
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 260045501
Conc: 960.25 ng/ml



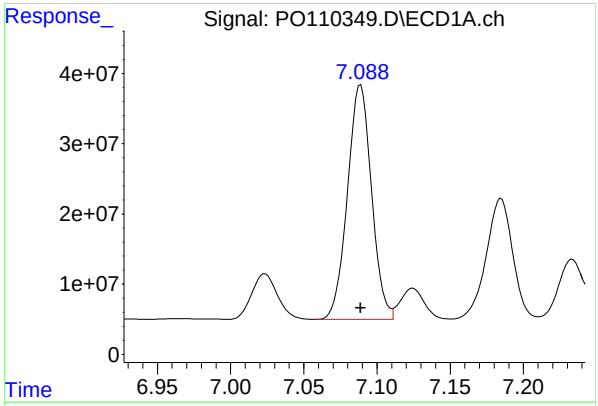
#33 AR-1260-3

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 446012749
Conc: 961.14 ng/ml



#33 AR-1260-3

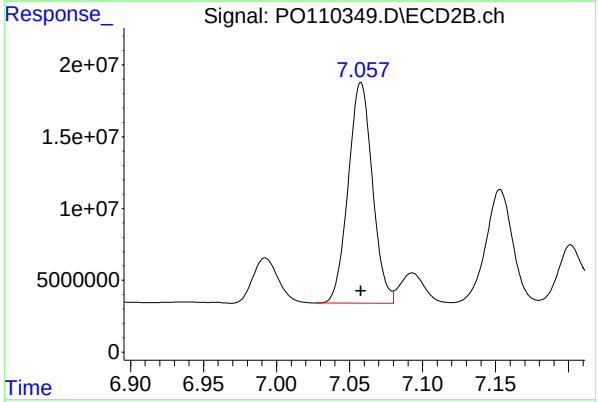
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 243412958
Conc: 963.99 ng/ml



#34 AR-1260-4

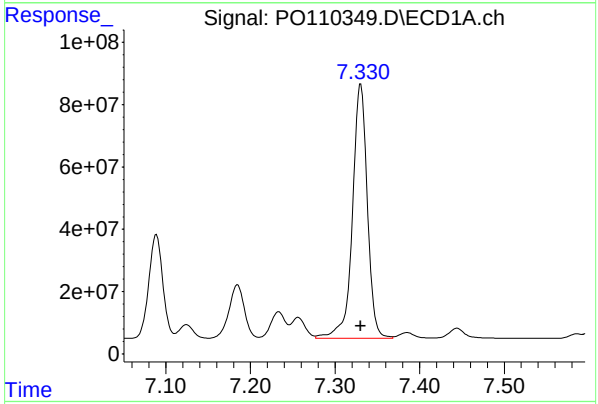
R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 382143422
Conc: 955.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



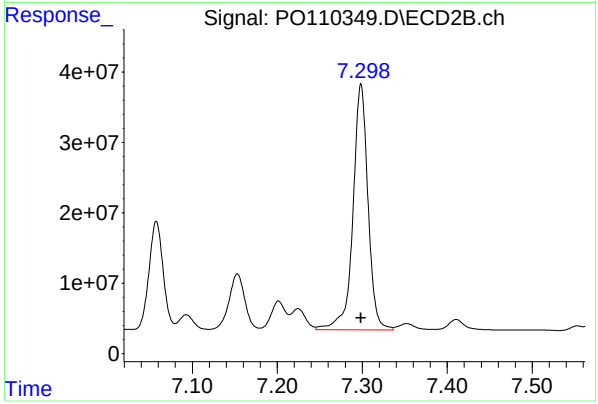
#34 AR-1260-4

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 177247956
Conc: 950.41 ng/ml



#35 AR-1260-5

R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 1002895230
Conc: 978.90 ng/ml



#35 AR-1260-5

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 430279301
Conc: 974.99 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:54
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 10:59:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	659.7E6	373.2E6	75.108	75.162
2)	SA Decachlor...	8.733	8.685	564.5E6	134.4E6	75.111	75.086
	Target Compounds						
3)	L1 AR-1016-1	4.779	4.765	234.1E6	124.6E6	747.916	749.896
4)	L1 AR-1016-2	4.799	4.785	331.0E6	183.1E6	753.359	752.728
5)	L1 AR-1016-3	4.855	4.960	225.1E6	96985584	748.093	750.070
6)	L1 AR-1016-4	4.975	5.002	178.6E6	80111616	750.849	751.848
7)	L1 AR-1016-5	5.233	5.215	188.0E6	103.9E6	750.290	749.891
31)	L7 AR-1260-1	6.273	6.246	335.3E6	173.5E6	751.219	750.569
32)	L7 AR-1260-2	6.462	6.434	411.2E6	203.8E6	755.640	751.776
33)	L7 AR-1260-3	6.829	6.586	349.9E6	190.4E6	752.607	752.605
34)	L7 AR-1260-4	7.090	7.058	300.3E6	140.2E6	750.651	751.197
35)	L7 AR-1260-5	7.331	7.298	773.9E6	333.8E6	753.582	754.264

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

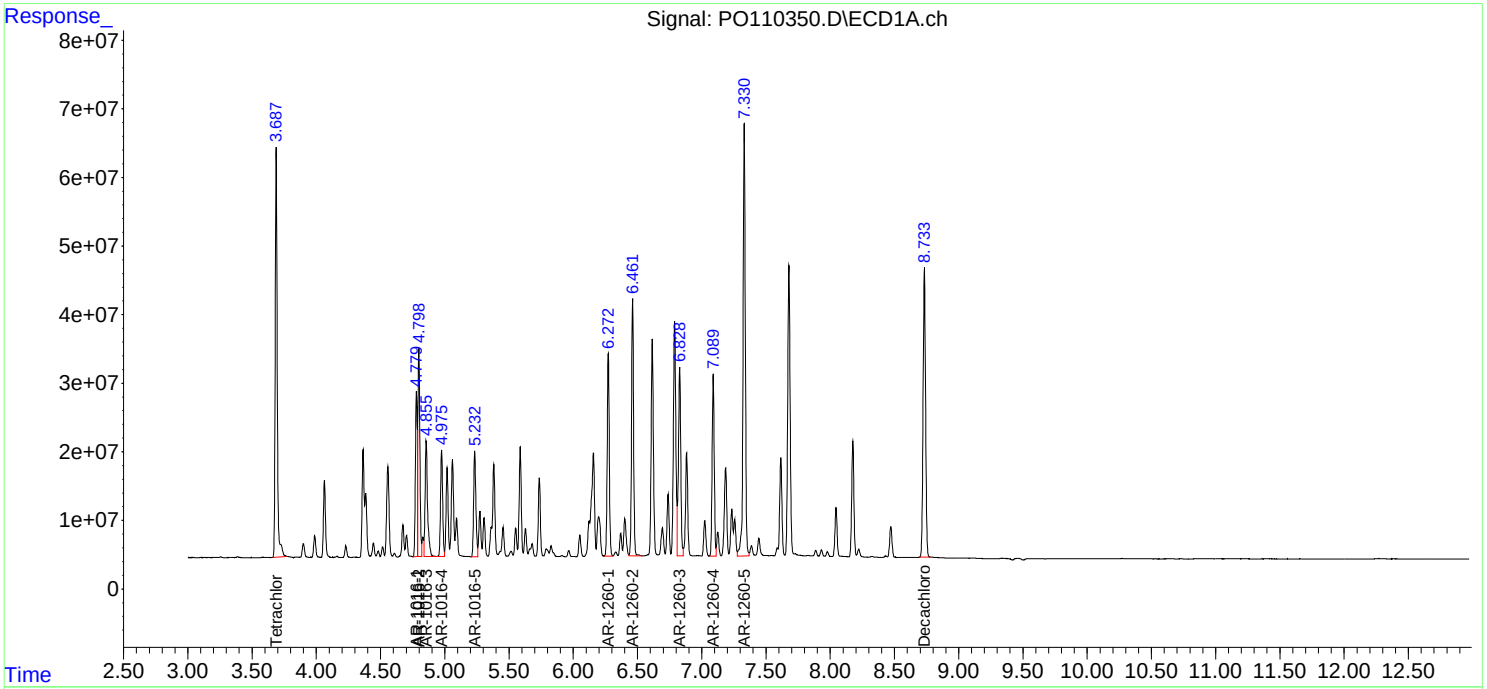
ICAL Form

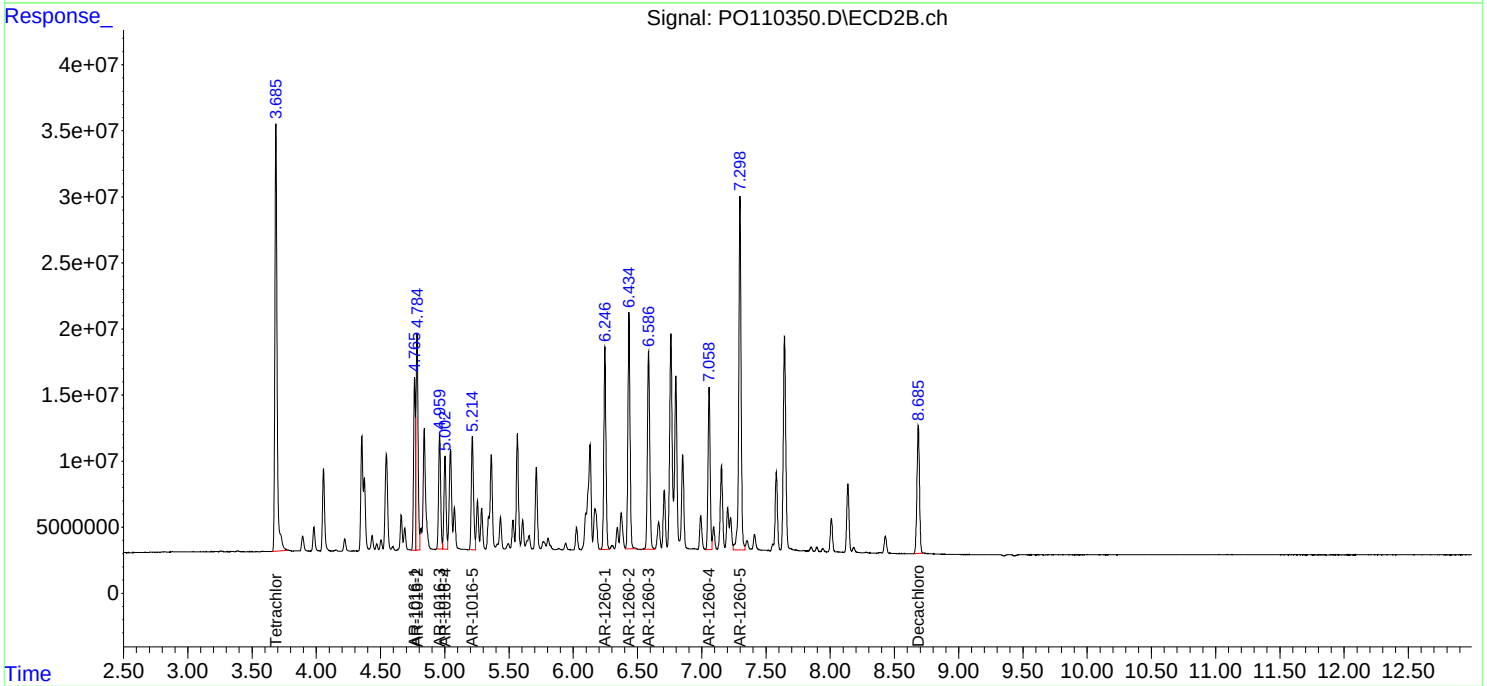
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:54
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

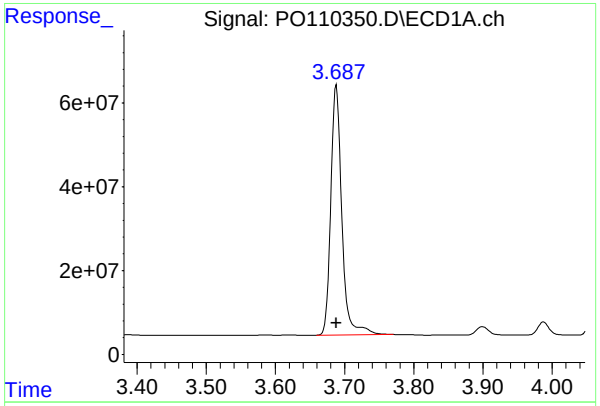
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 10:59:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



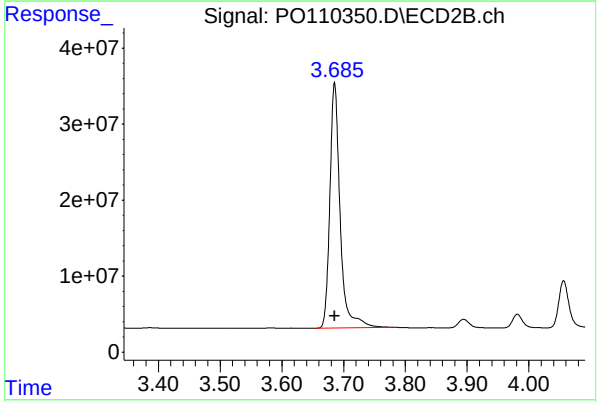




#1 Tetrachloro-m-xylene

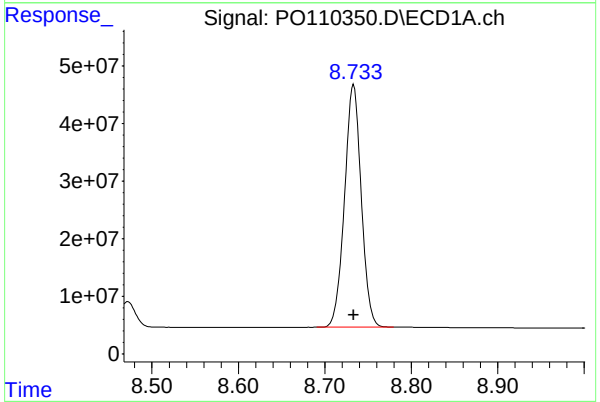
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 659708019
Conc: 75.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



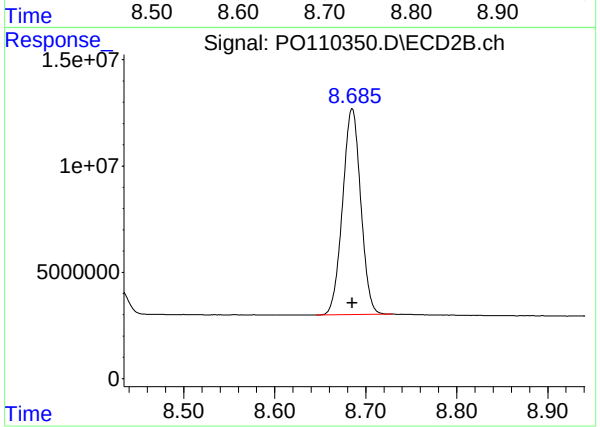
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 373160257
Conc: 75.16 ng/ml



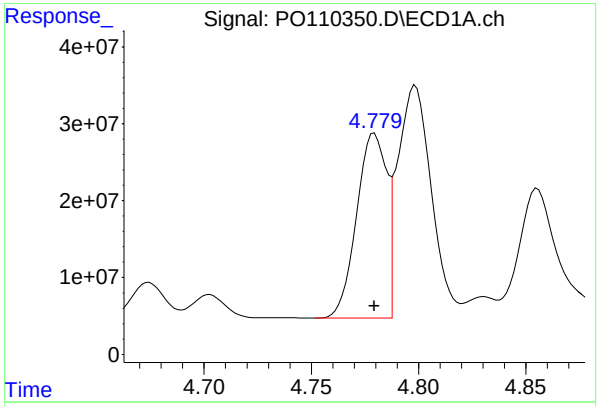
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 564494270
Conc: 75.11 ng/ml



#2 Decachlorobiphenyl

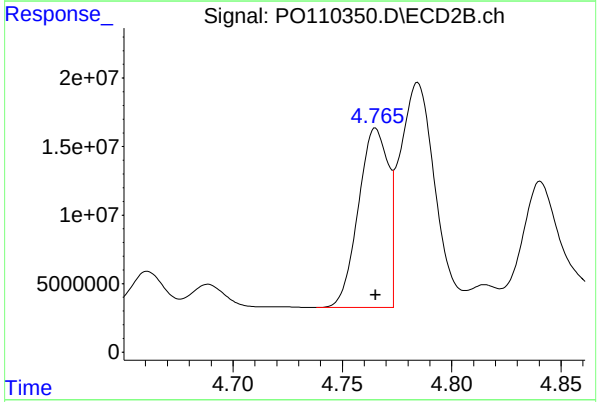
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 134353803
Conc: 75.09 ng/ml



#3 AR-1016-1

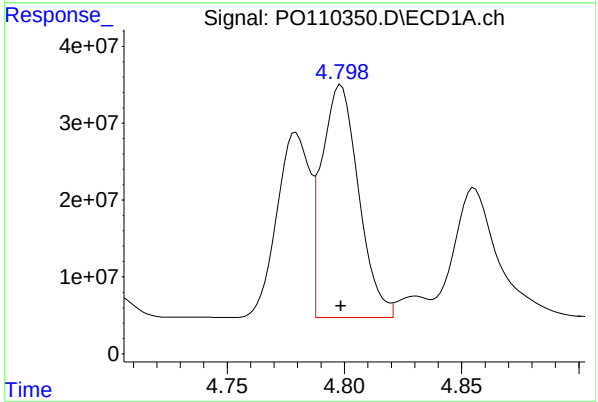
R.T.: 4.779 min
Delta R.T.: 0.000 mi
Response: 234110768
Conc: 747.92 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



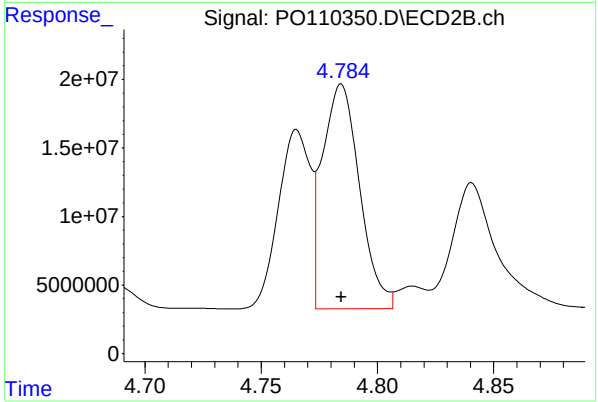
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 124614751
Conc: 749.90 ng/ml



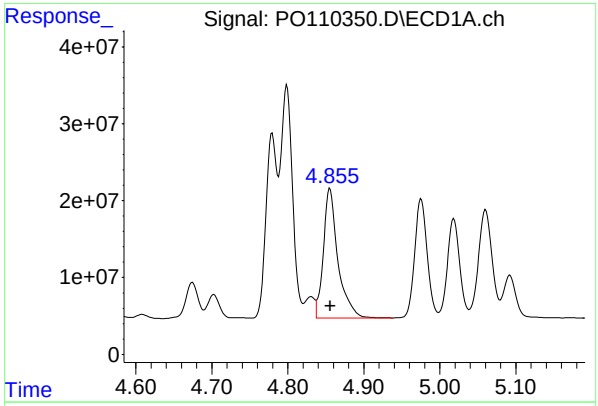
#4 AR-1016-2

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 331010138
Conc: 753.36 ng/ml



#4 AR-1016-2

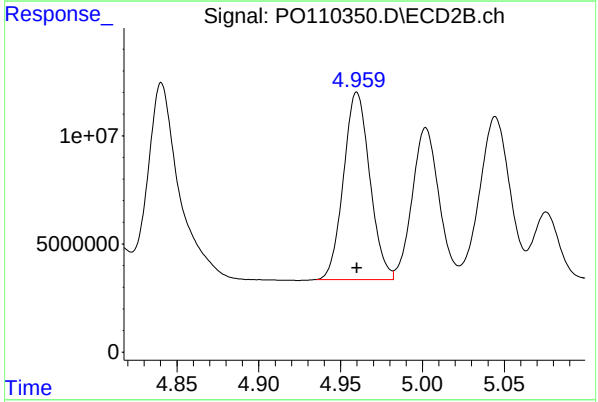
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 183055020
Conc: 752.73 ng/ml



#5 AR-1016-3

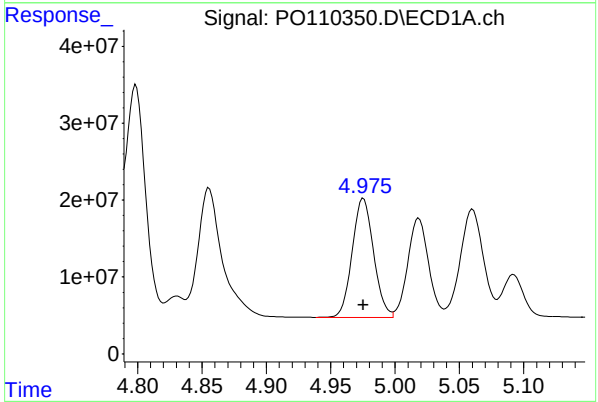
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 225132935
Conc: 748.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



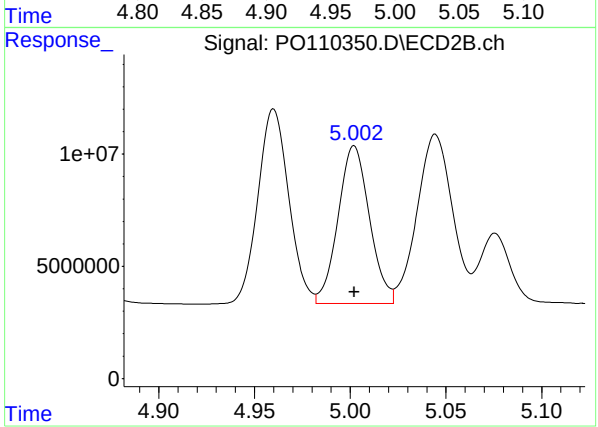
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 96985584
Conc: 750.07 ng/ml



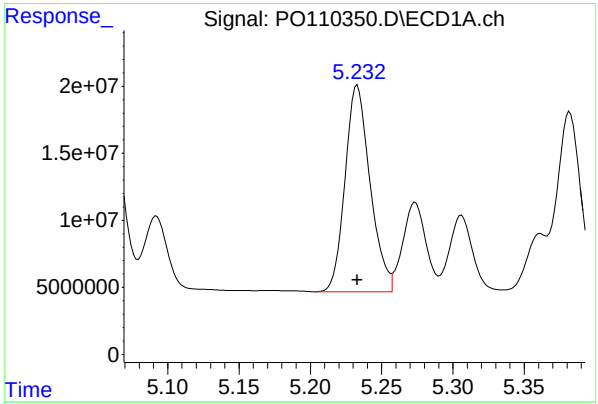
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 178602996
Conc: 750.85 ng/ml



#6 AR-1016-4

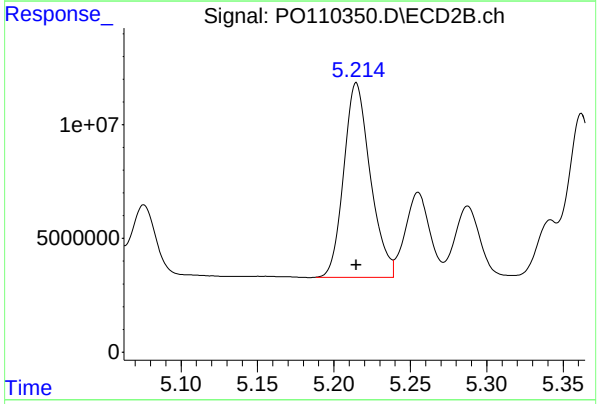
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 80111616
Conc: 751.85 ng/ml



#7 AR-1016-5

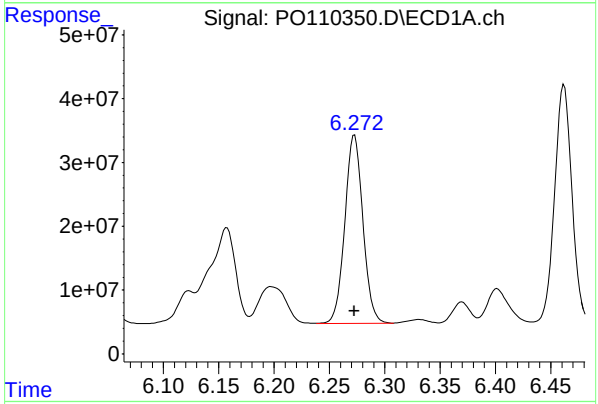
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 187991832
Conc: 750.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



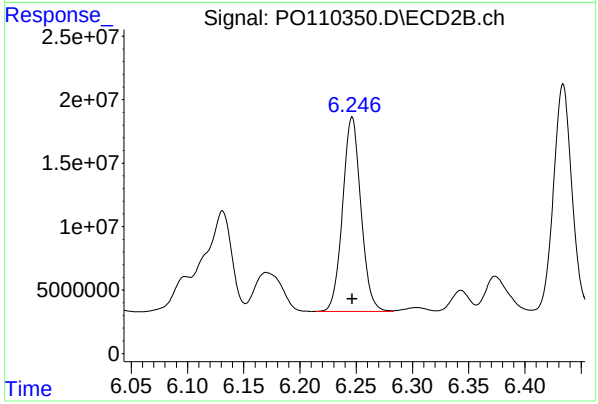
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 103853259
Conc: 749.89 ng/ml



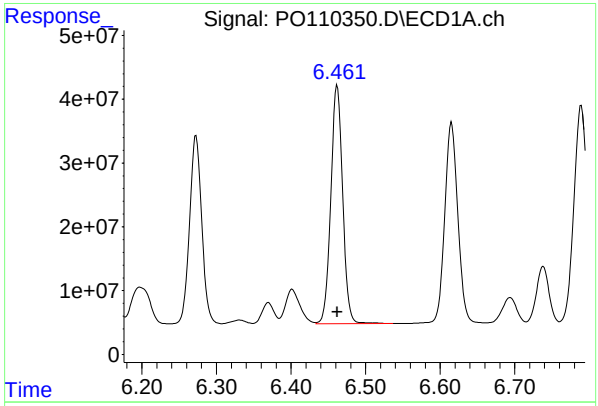
#31 AR-1260-1

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 335311307
Conc: 751.22 ng/ml



#31 AR-1260-1

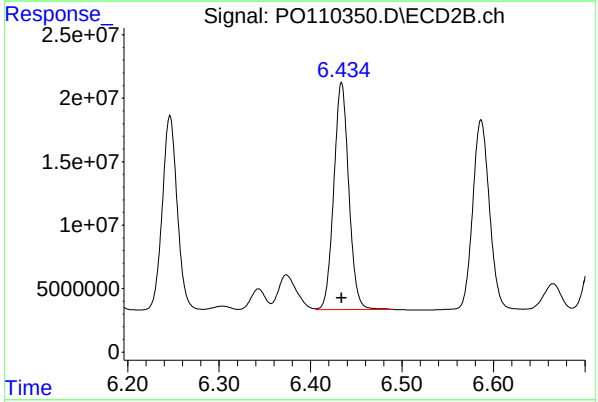
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 173479710
Conc: 750.57 ng/ml



#32 AR-1260-2

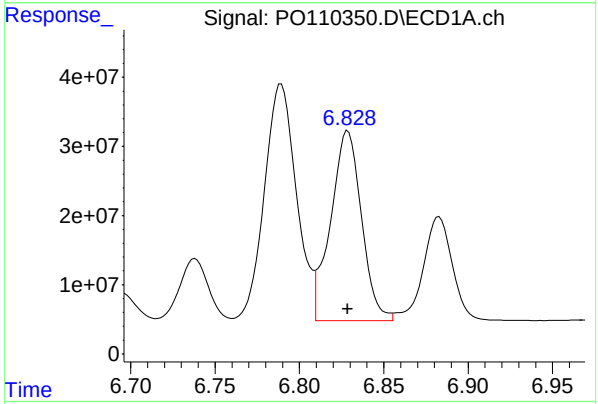
R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 411207564
Conc: 755.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



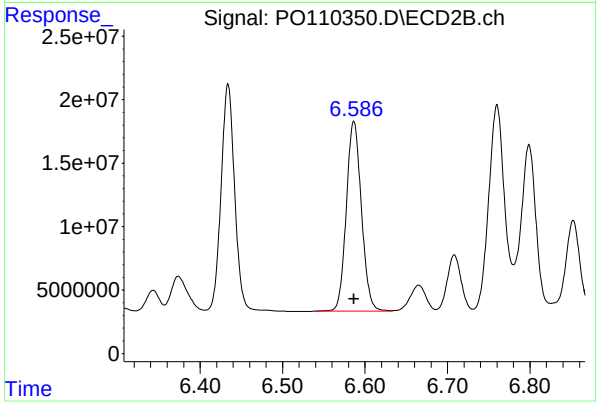
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 203828901
Conc: 751.78 ng/ml



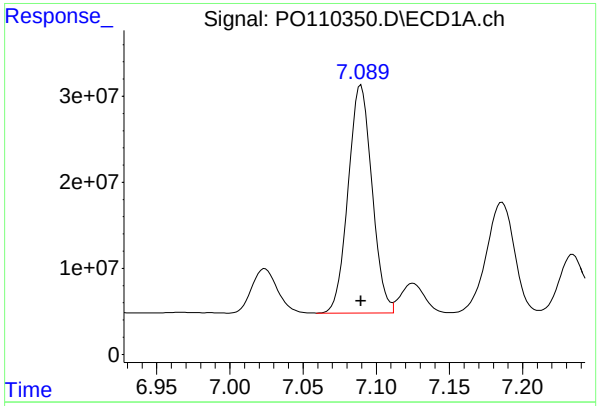
#33 AR-1260-3

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 349851538
Conc: 752.61 ng/ml



#33 AR-1260-3

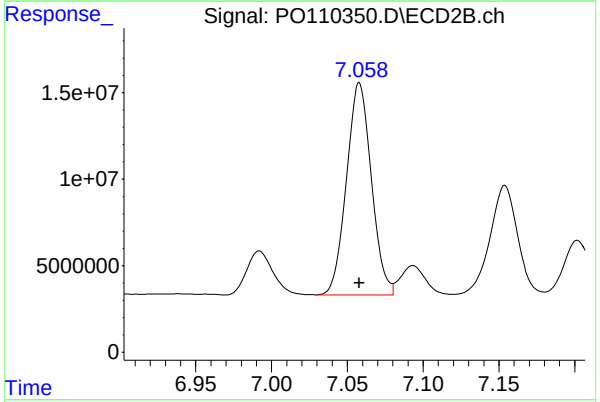
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 190366782
Conc: 752.61 ng/ml



#34 AR-1260-4

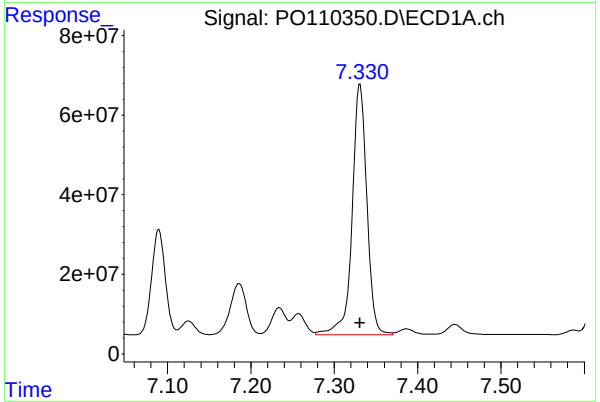
R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 300303137
Conc: 750.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



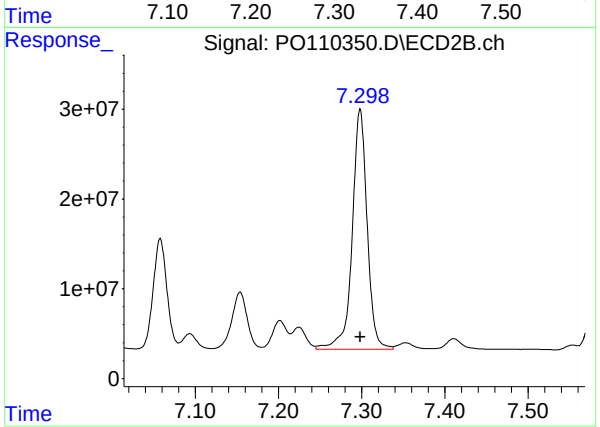
#34 AR-1260-4

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 140207991
Conc: 751.20 ng/ml



#35 AR-1260-5

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 773901178
Conc: 753.58 ng/ml



#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 333819322
Conc: 754.26 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:13
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 10:53:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:52:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.686	447.6E6	252.5E6	50.000	50.000
2)	SA Decachlor...	8.732	8.684	388.4E6	93602268	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.779	4.766	162.7E6	86580713	500.000	500.000
4)	L1 AR-1016-2	4.798	4.784	226.3E6	125.0E6	500.000	500.000
5)	L1 AR-1016-3	4.855	4.960	157.9E6	67418797	500.000	500.000
6)	L1 AR-1016-4	4.975	5.002	123.9E6	56344224	500.000	500.000
7)	L1 AR-1016-5	5.232	5.215	131.4E6	72633194	500.000	500.000
31)	L7 AR-1260-1	6.272	6.246	231.0E6	120.4E6	500.000	500.000
32)	L7 AR-1260-2	6.460	6.434	280.0E6	140.8E6	500.000	500.000
33)	L7 AR-1260-3	6.829	6.587	241.0E6	130.8E6	500.000	500.000
34)	L7 AR-1260-4	7.088	7.057	208.8E6	97873306	500.000	500.000
35)	L7 AR-1260-5	7.330	7.297	523.1E6	226.2E6	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

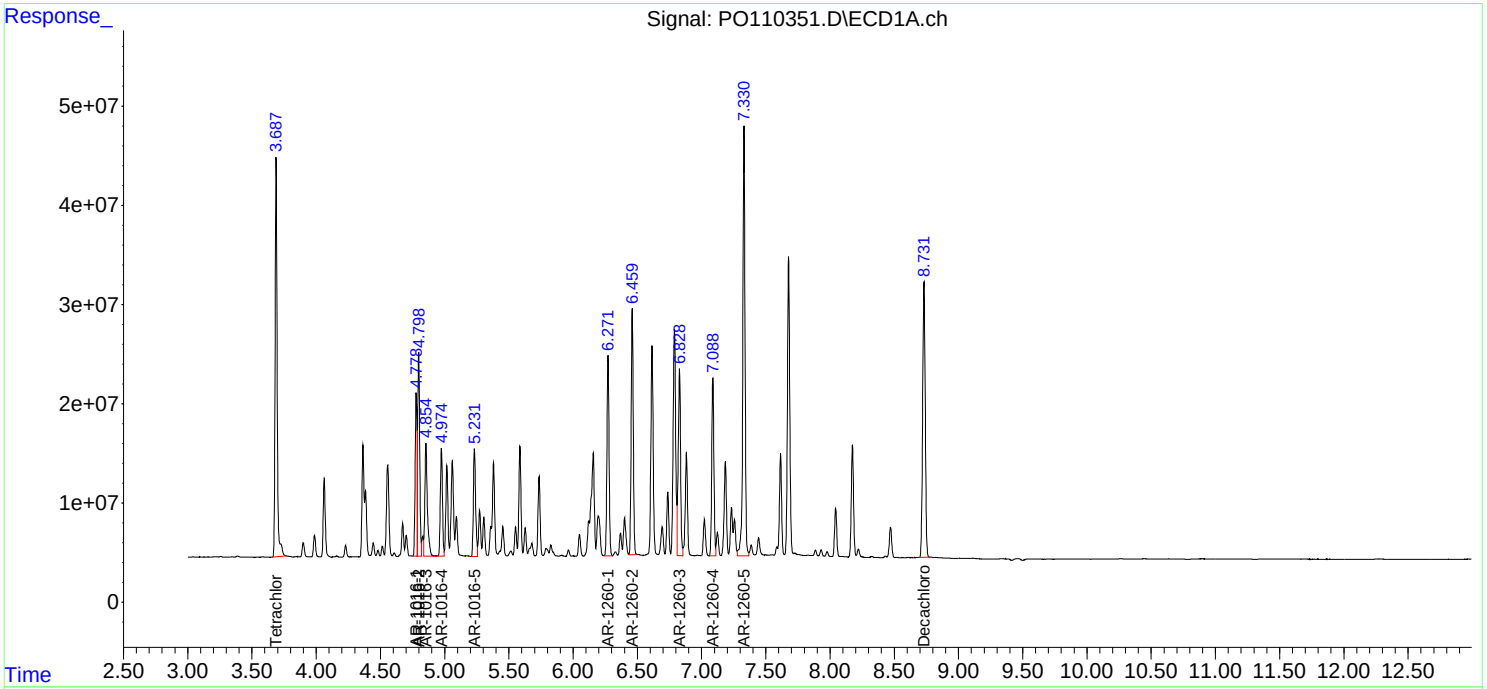
ICAL Form

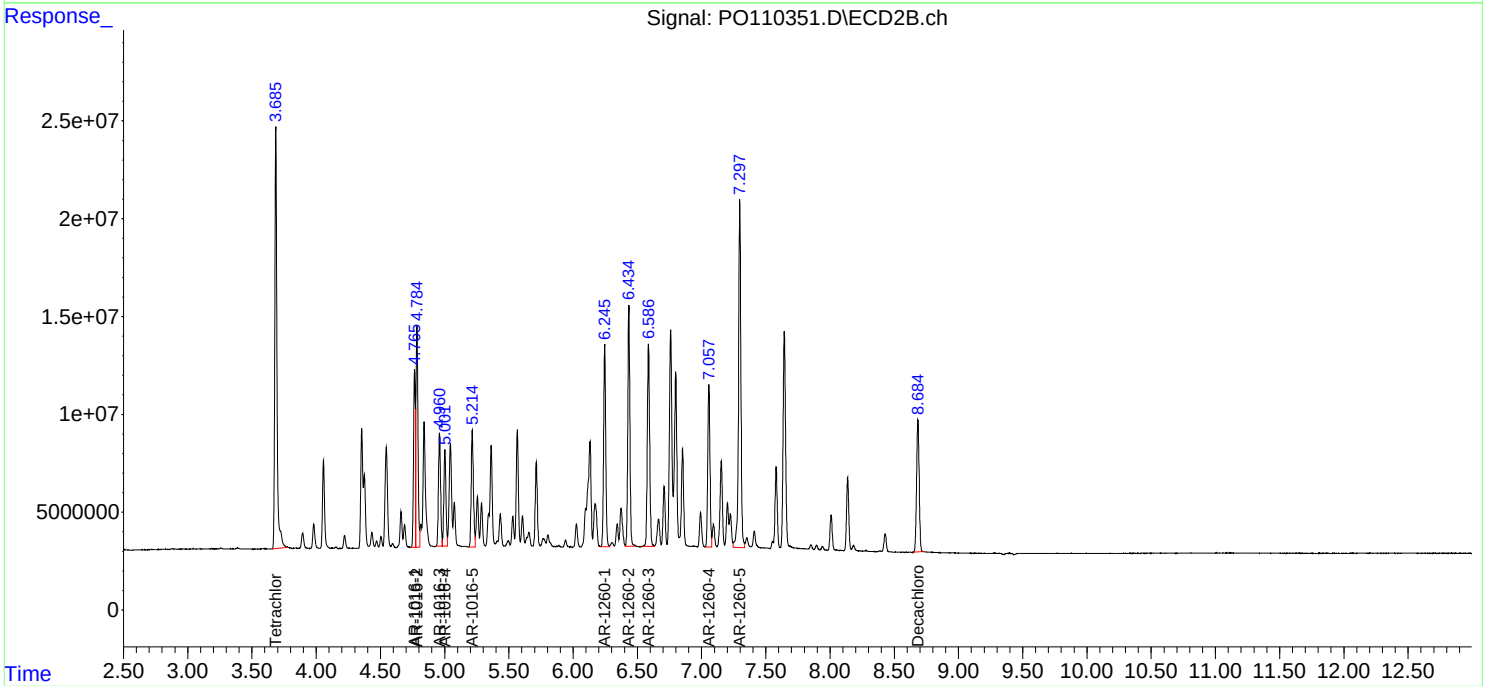
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:13
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

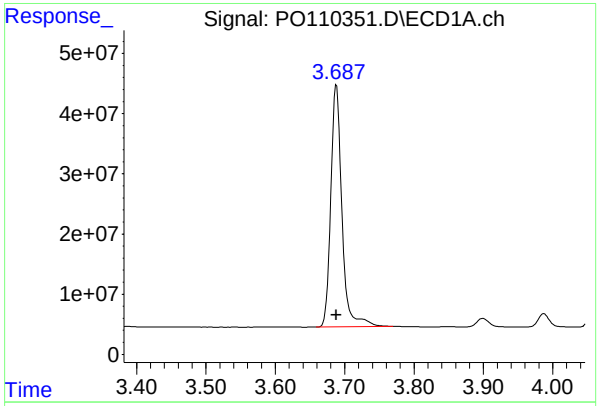
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 10:53:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:52:45 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



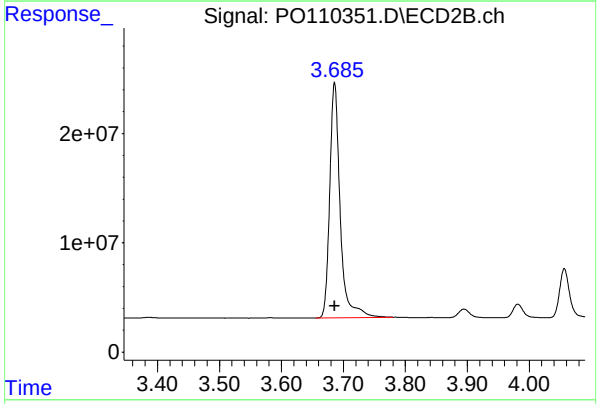




#1 Tetrachloro-m-xylene

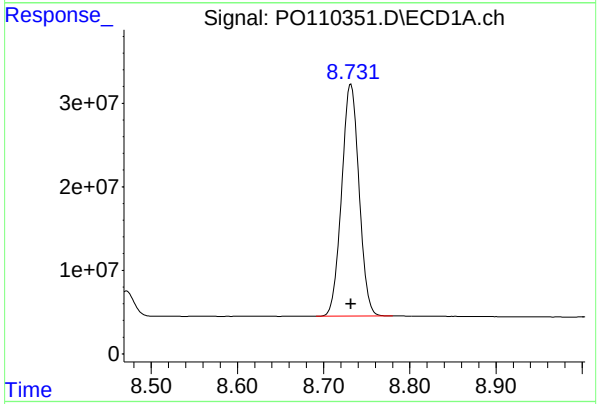
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 447556919
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



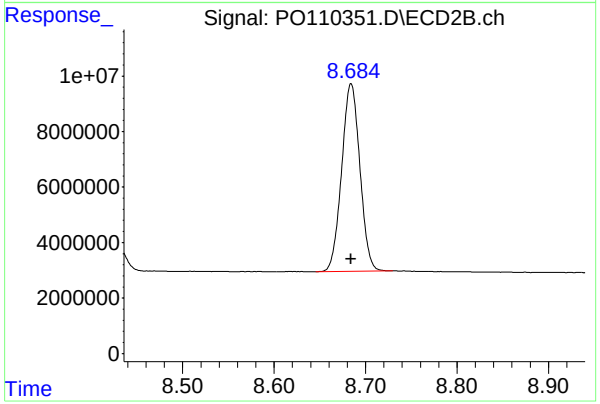
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 252485572
Conc: 50.00 ng/ml



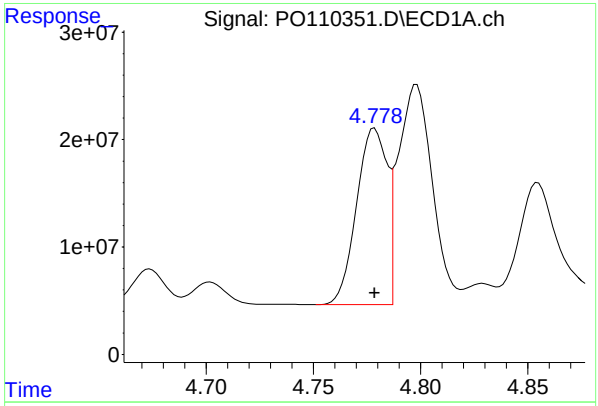
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 388432391
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

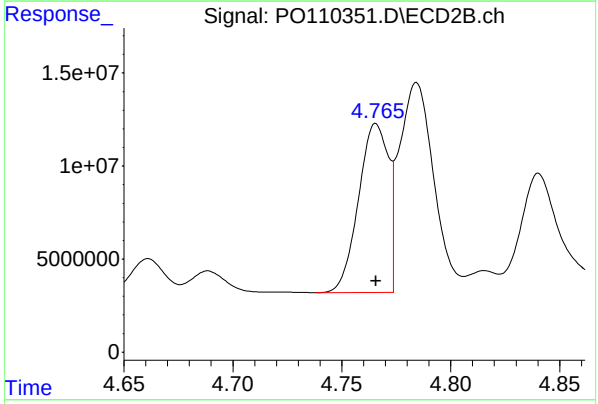
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 93602268
Conc: 50.00 ng/ml



#3 AR-1016-1

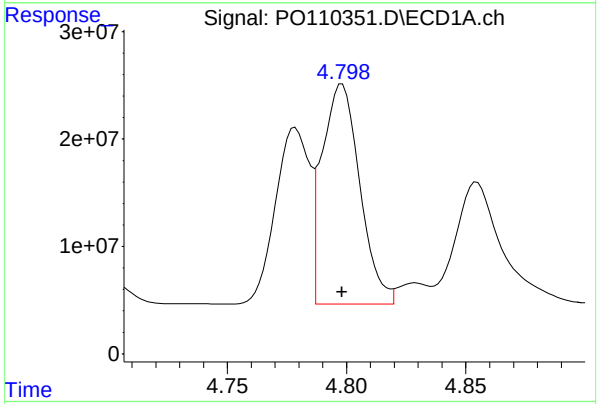
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 162683047
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



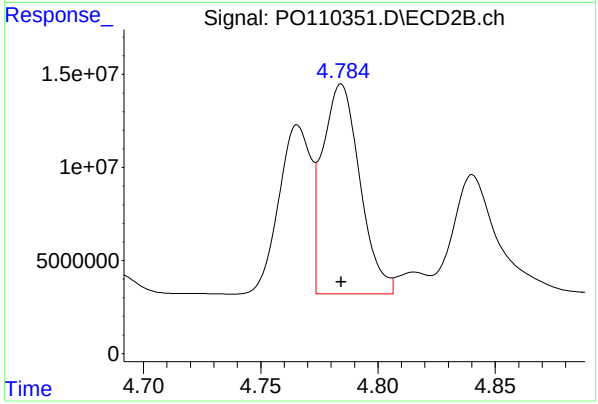
#3 AR-1016-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 86580713
Conc: 500.00 ng/ml



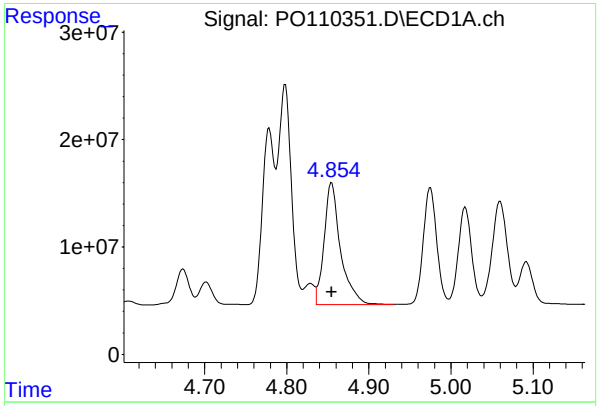
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 226293527
Conc: 500.00 ng/ml



#4 AR-1016-2

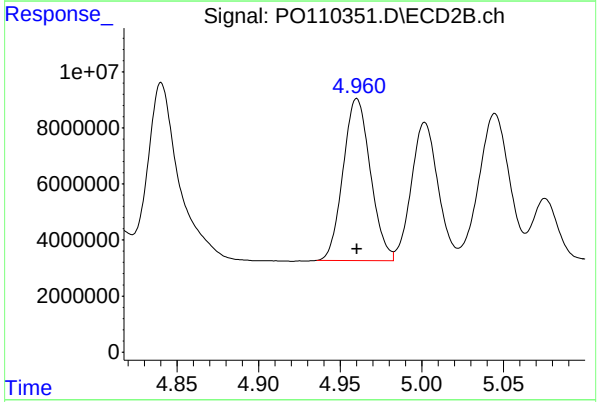
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 124957819
Conc: 500.00 ng/ml



#5 AR-1016-3

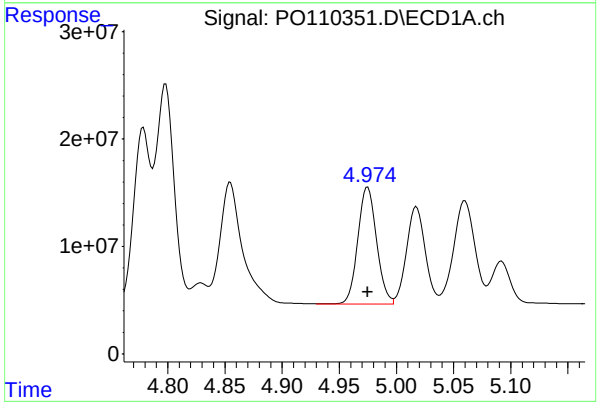
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 157896286
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



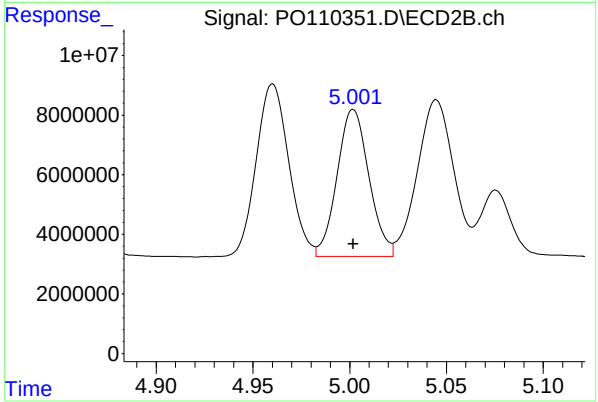
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 67418797
Conc: 500.00 ng/ml



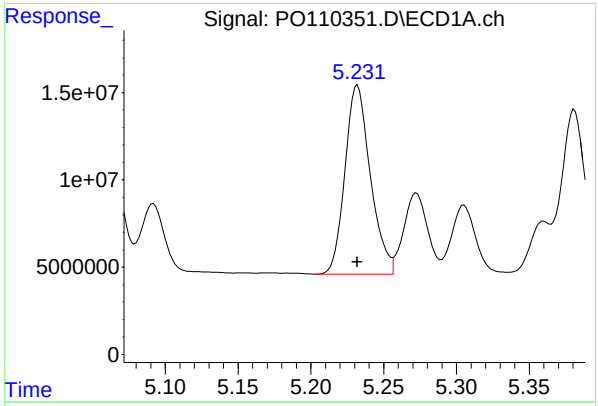
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 123921160
Conc: 500.00 ng/ml



#6 AR-1016-4

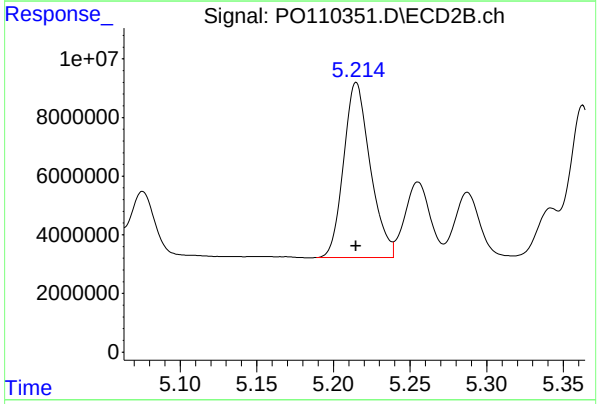
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 56344224
Conc: 500.00 ng/ml



#7 AR-1016-5

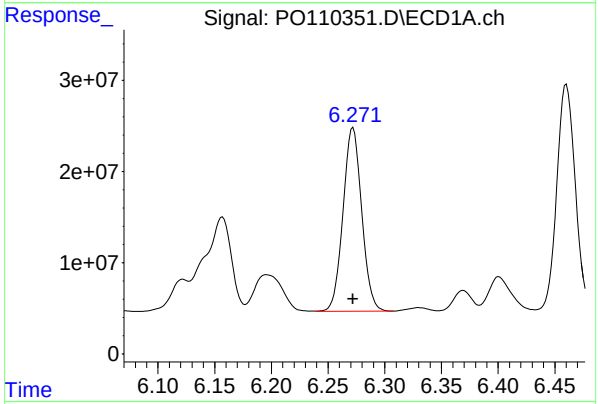
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 131415211
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



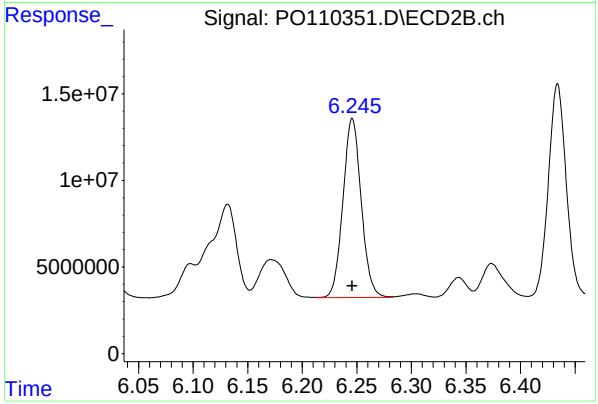
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 72633194
Conc: 500.00 ng/ml



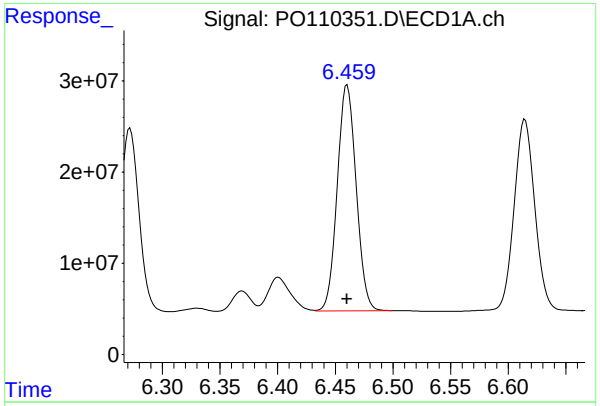
#31 AR-1260-1

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 231002520
Conc: 500.00 ng/ml



#31 AR-1260-1

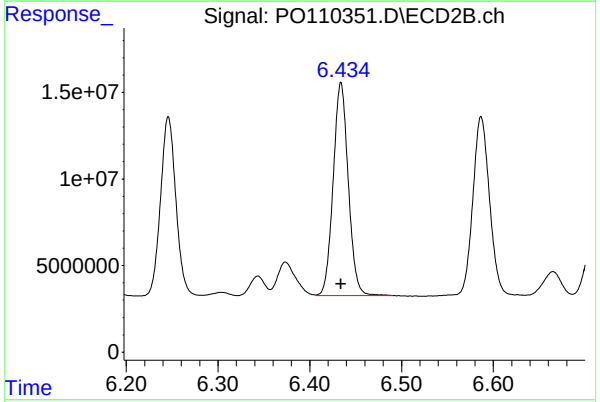
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 120402186
Conc: 500.00 ng/ml



#32 AR-1260-2

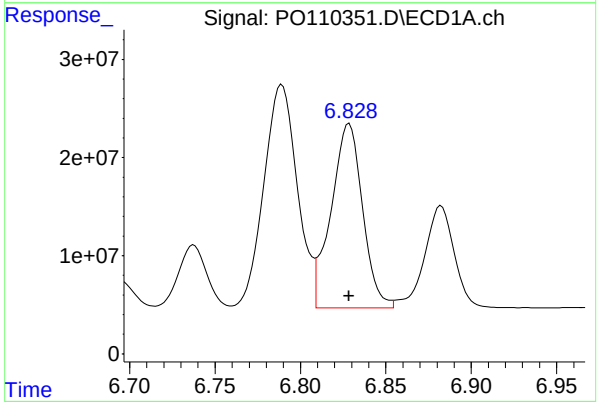
R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 280000790
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



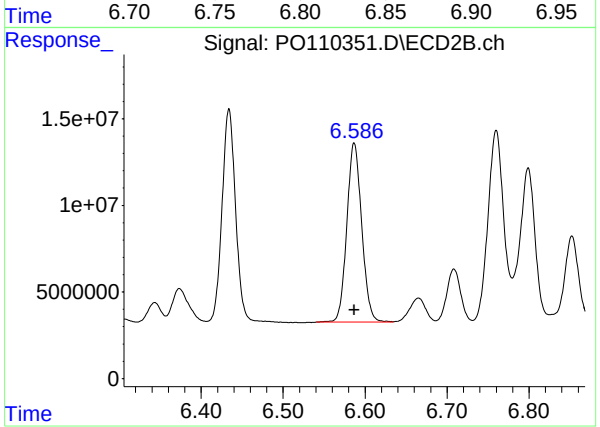
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 140786244
Conc: 500.00 ng/ml



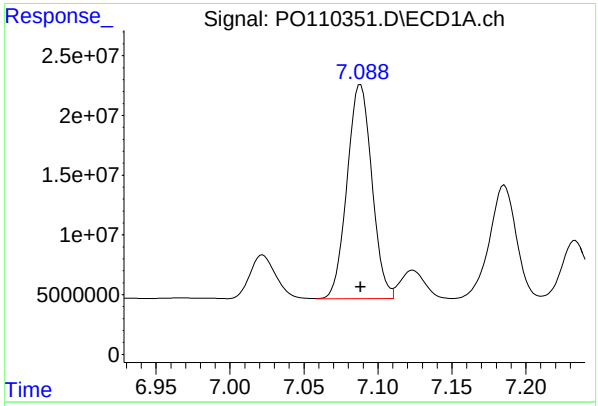
#33 AR-1260-3

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 241038327
Conc: 500.00 ng/ml



#33 AR-1260-3

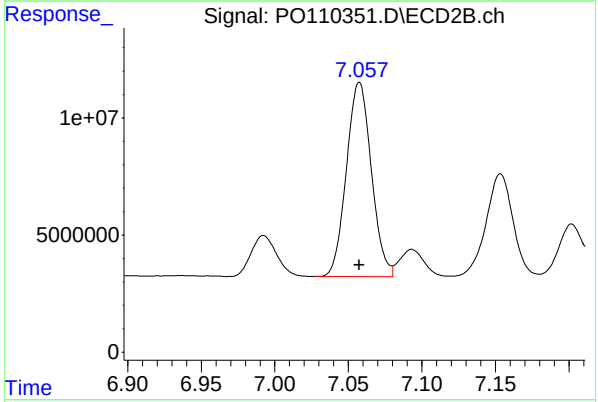
R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 130797993
Conc: 500.00 ng/ml



#34 AR-1260-4

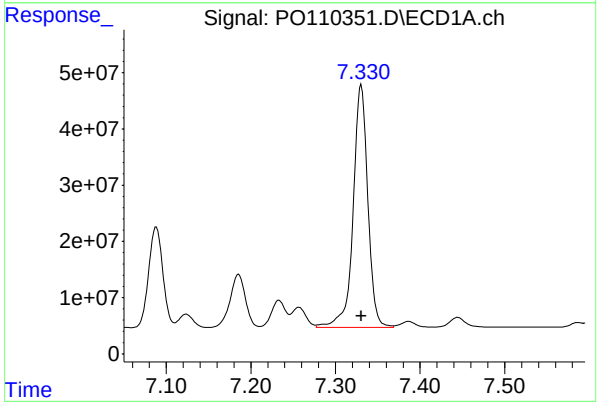
R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 208811584
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



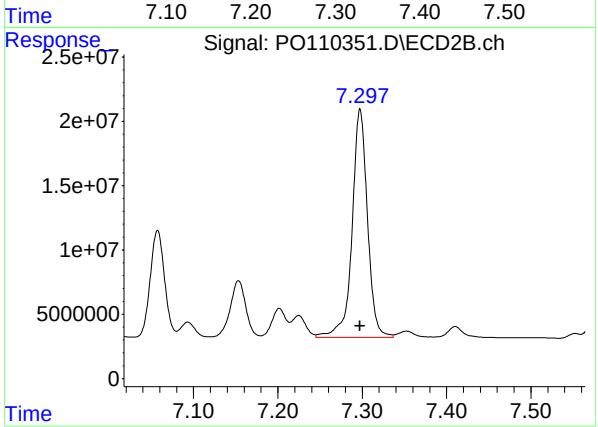
#34 AR-1260-4

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 97873306
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 523062881
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 226178833
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:31
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	218.4E6	127.3E6	24.901	25.482
2)	SA Decachlor...	8.734	8.683	205.3E6	50640696	26.698	27.397
	Target Compounds						
3)	L1 AR-1016-1	4.780	4.765	85356347	46113983	266.639	270.074
4)	L1 AR-1016-2	4.798	4.784	118.1E6	64942457	263.859	262.570
5)	L1 AR-1016-3	4.855	4.959	84160004	35585704	271.600	268.445
6)	L1 AR-1016-4	4.975	5.002	65304594	30405283	267.965	275.610
7)	L1 AR-1016-5	5.232	5.214	70395931	38809886	272.520	272.010
31)	L7 AR-1260-1	6.272	6.245	122.7E6	64201123	268.242	270.264
32)	L7 AR-1260-2	6.461	6.433	149.1E6	74637486	267.561	268.495
33)	L7 AR-1260-3	6.828	6.586	128.0E6	69475884	268.498	268.057
34)	L7 AR-1260-4	7.089	7.057	111.3E6	52728341	270.655	273.611
35)	L7 AR-1260-5	7.331	7.297	266.3E6	117.4E6	256.903	261.226

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

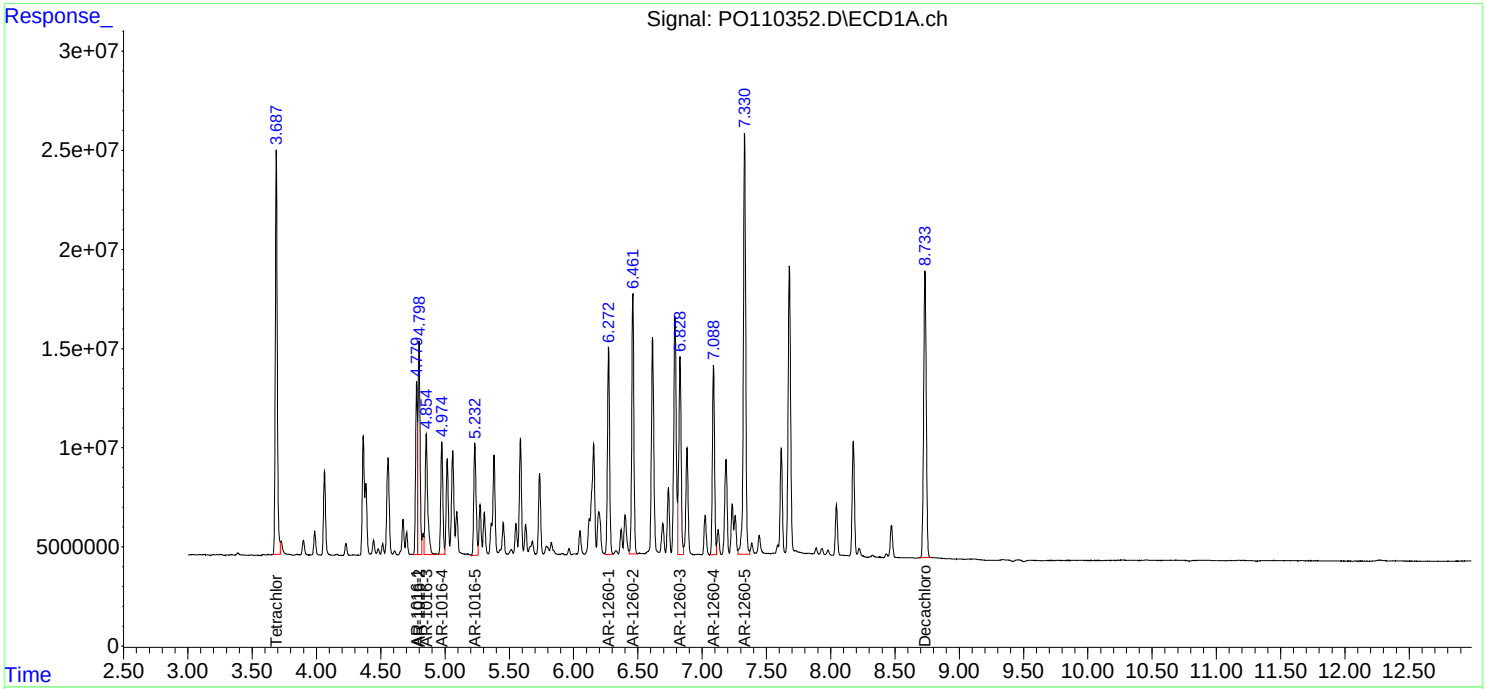
ICAL Form

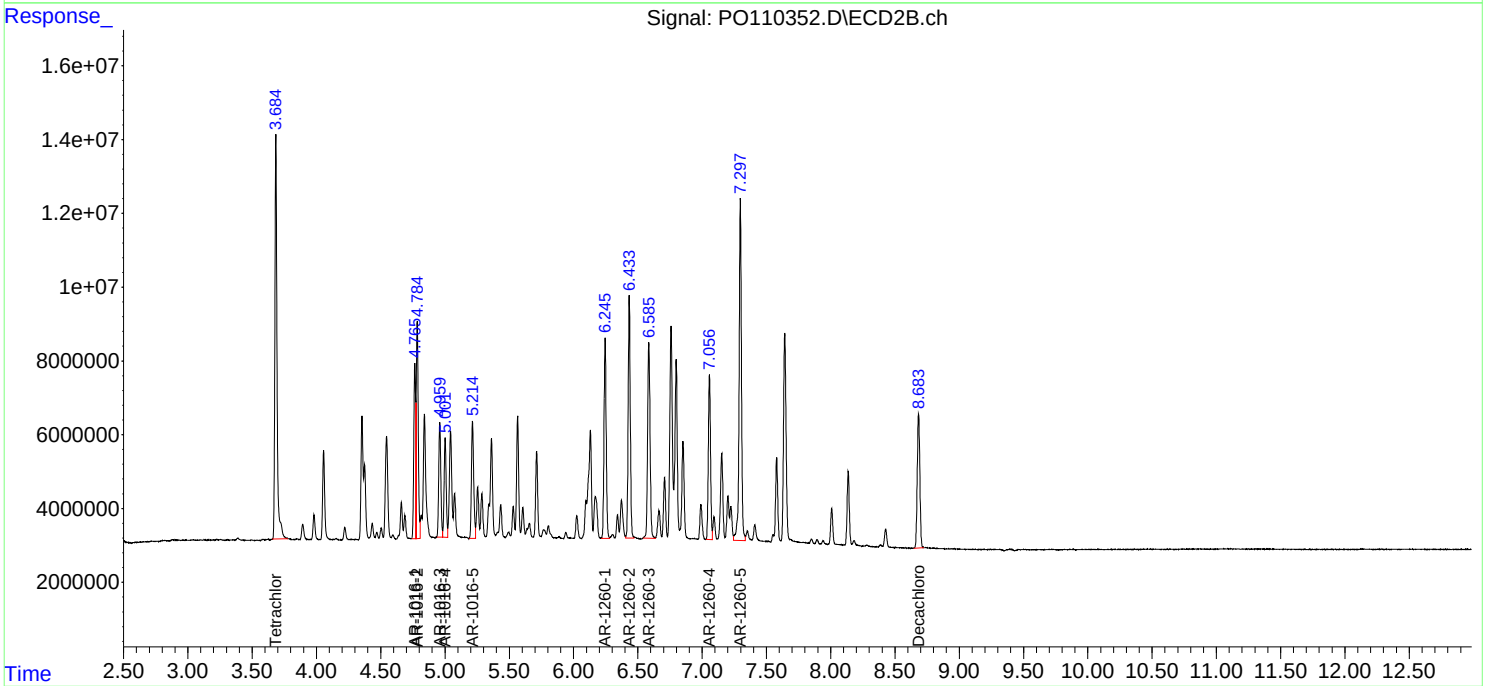
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:31
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

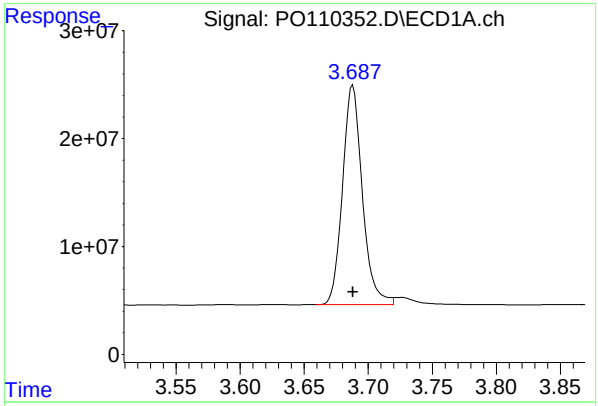
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



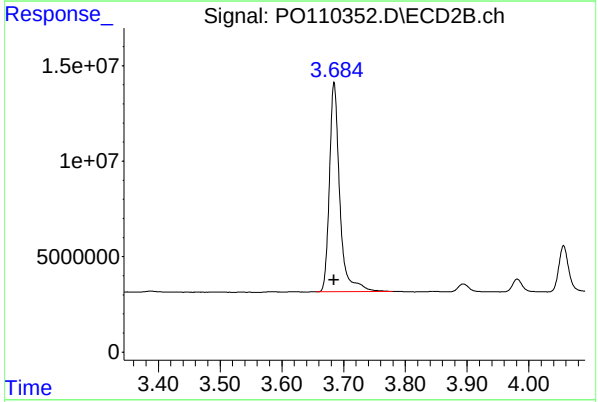




#1 Tetrachloro-m-xylene

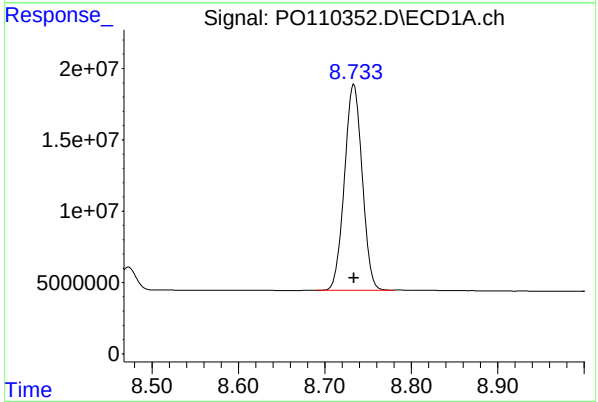
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 218425182
Conc: 24.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



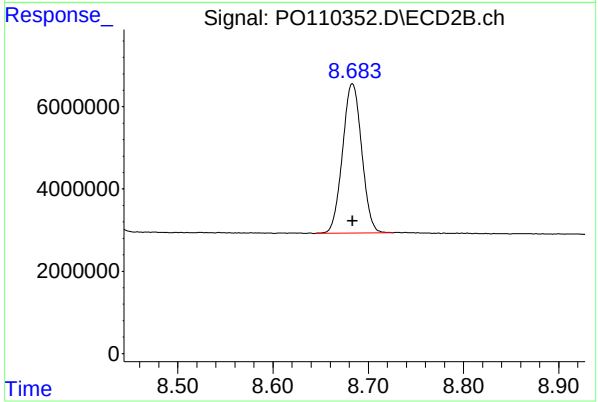
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 127327148
Conc: 25.48 ng/ml



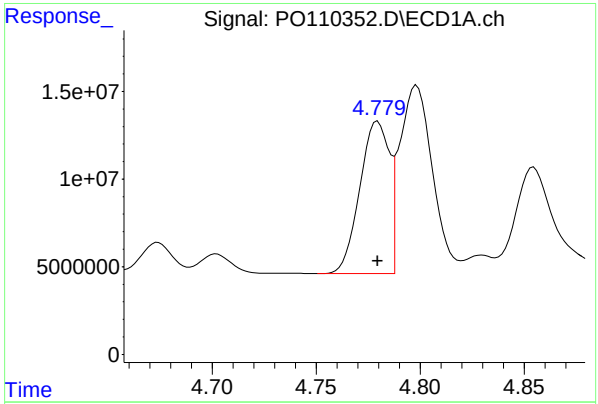
#2 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 205292848
Conc: 26.70 ng/ml



#2 Decachlorobiphenyl

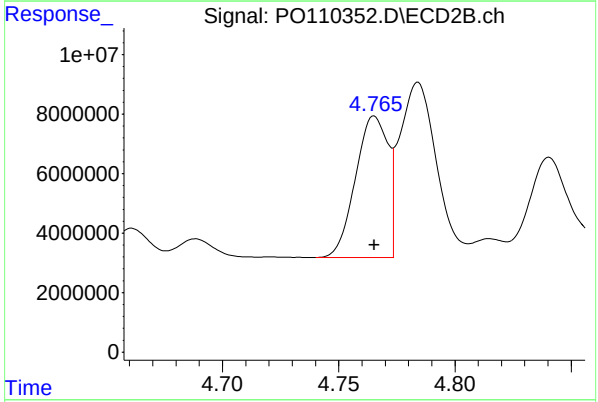
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 50640696
Conc: 27.40 ng/ml



#3 AR-1016-1

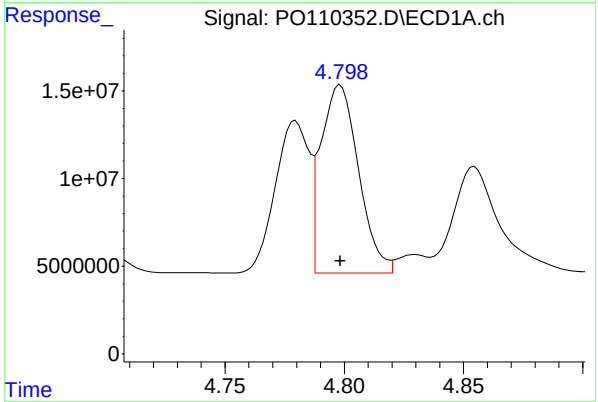
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 85356347
Conc: 266.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



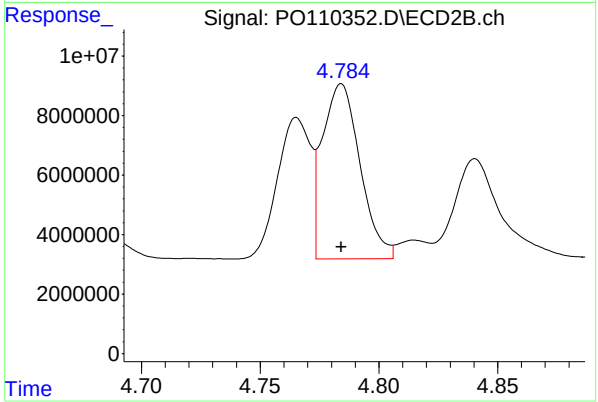
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 46113983
Conc: 270.07 ng/ml



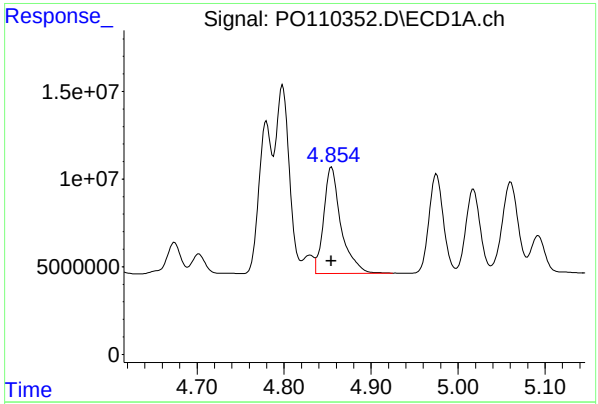
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 118116710
Conc: 263.86 ng/ml



#4 AR-1016-2

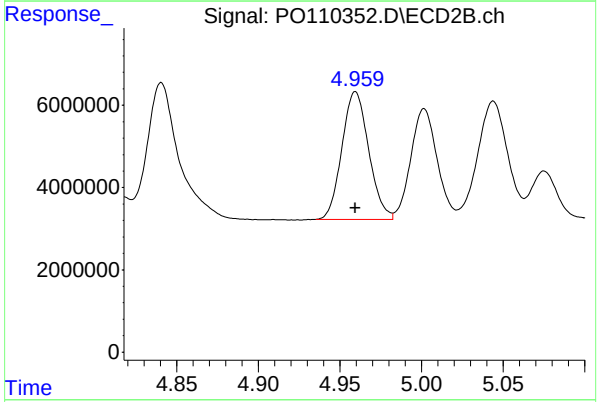
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 64942457
Conc: 262.57 ng/ml



#5 AR-1016-3

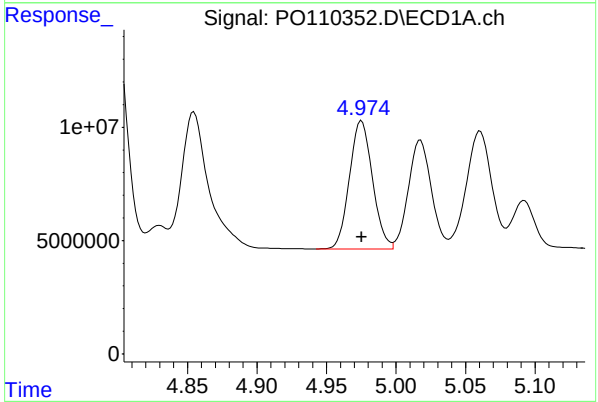
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 84160004
Conc: 271.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



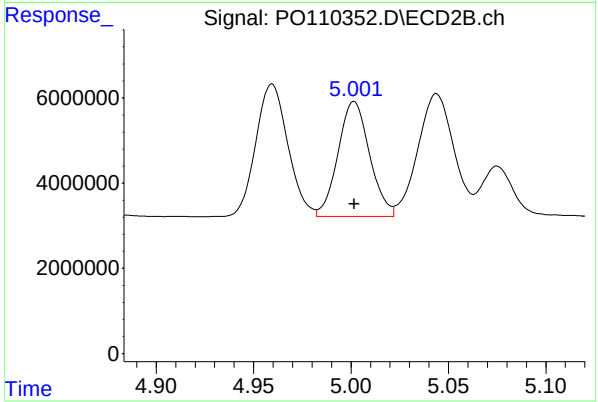
#5 AR-1016-3

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 35585704
Conc: 268.45 ng/ml



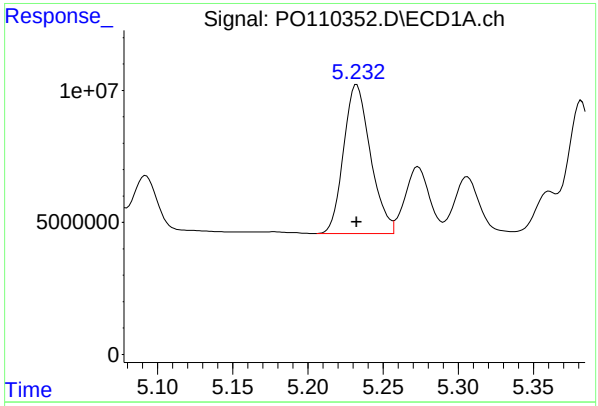
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 65304594
Conc: 267.97 ng/ml



#6 AR-1016-4

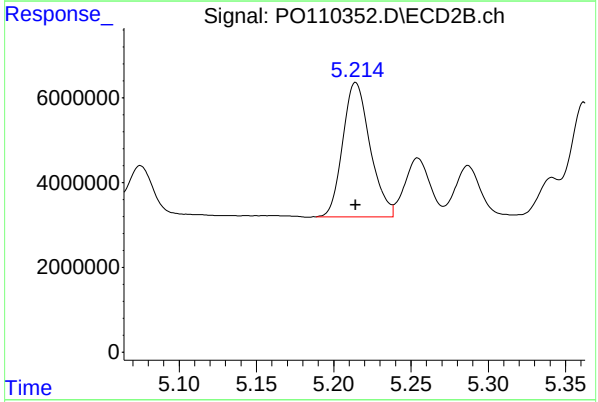
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 30405283
Conc: 275.61 ng/ml



#7 AR-1016-5

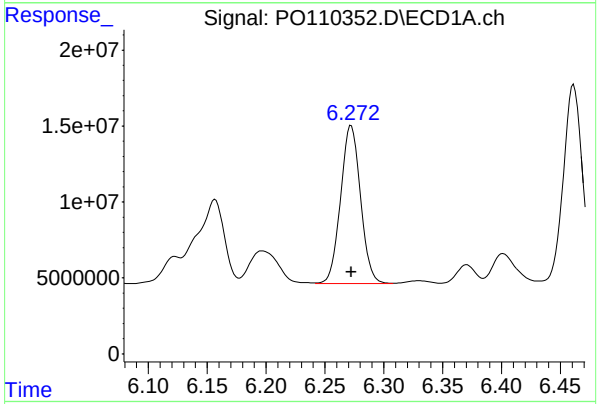
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 70395931
Conc: 272.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



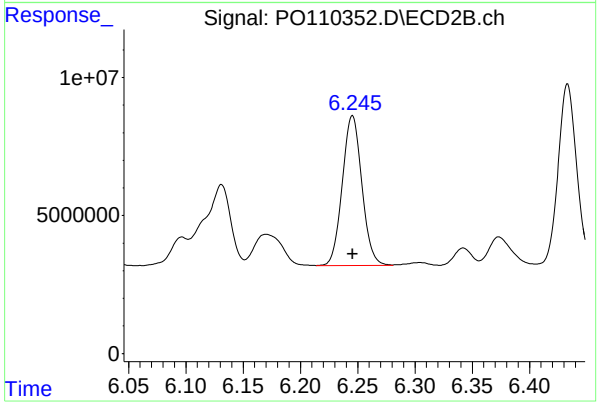
#7 AR-1016-5

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 38809886
Conc: 272.01 ng/ml



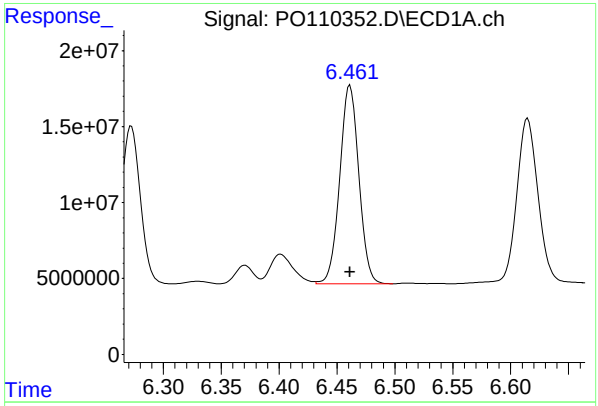
#31 AR-1260-1

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 122716328
Conc: 268.24 ng/ml



#31 AR-1260-1

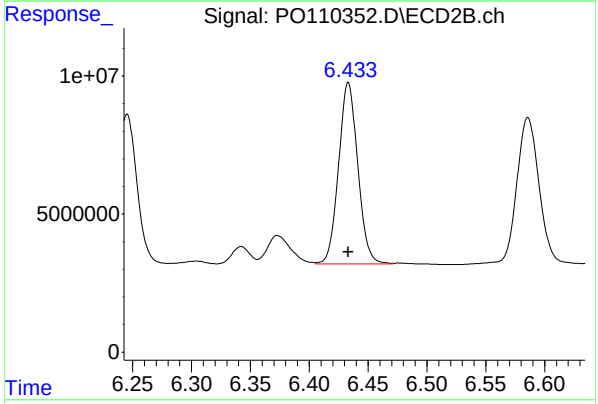
R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 64201123
Conc: 270.26 ng/ml



#32 AR-1260-2

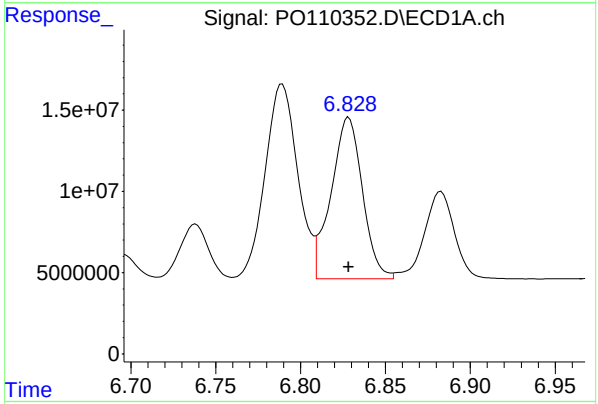
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 149093603
Conc: 267.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



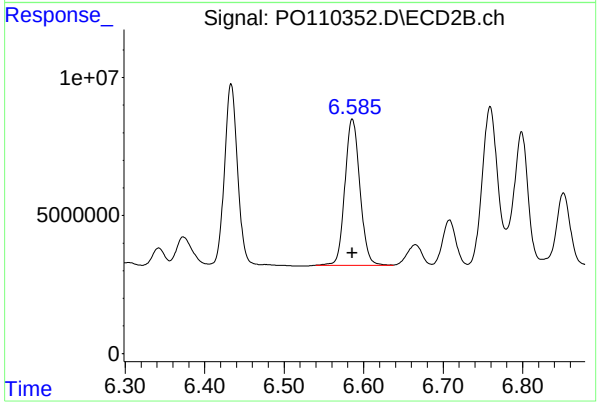
#32 AR-1260-2

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 74637486
Conc: 268.49 ng/ml



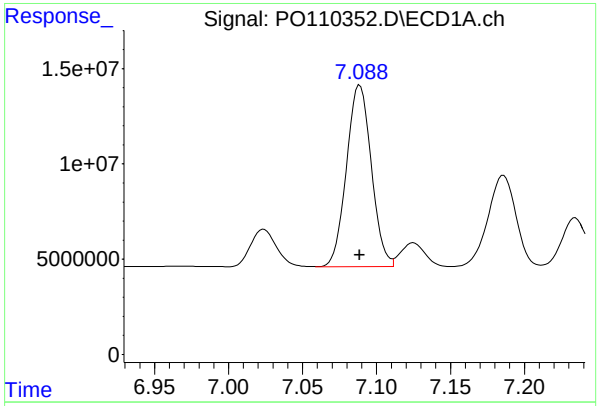
#33 AR-1260-3

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 127967922
Conc: 268.50 ng/ml



#33 AR-1260-3

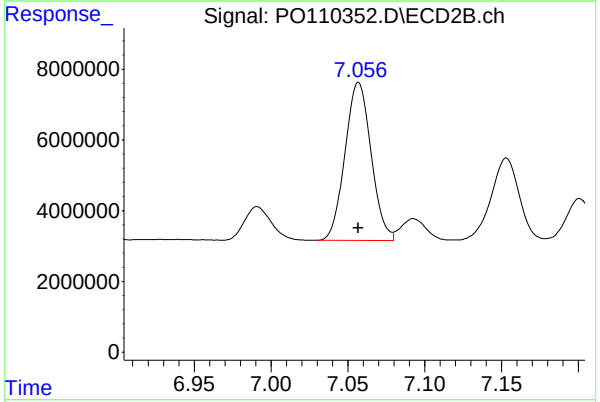
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 69475884
Conc: 268.06 ng/ml



#34 AR-1260-4

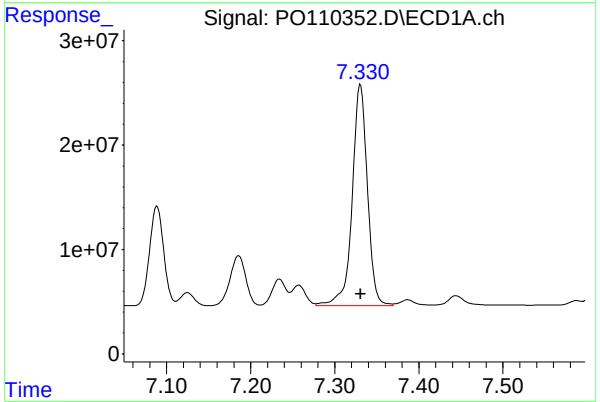
R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 111343599
Conc: 270.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



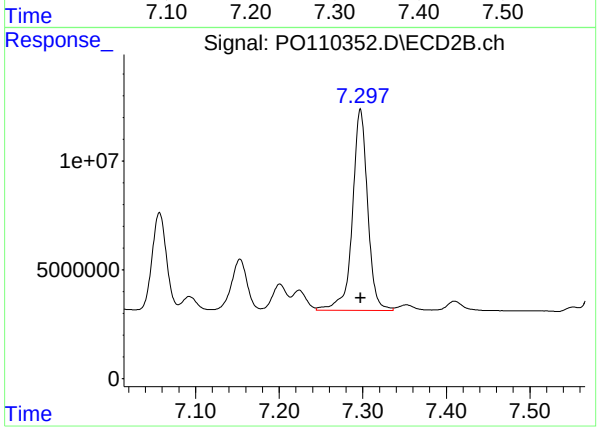
#34 AR-1260-4

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 52728341
Conc: 273.61 ng/ml



#35 AR-1260-5

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 266280520
Conc: 256.90 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 117368967
Conc: 261.23 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:49
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:04:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.688	3.685	43289216	24808316	4.952	4.972
2) SA	Decachlor...	8.733	8.683	43582732	11156787	5.520	5.796
	Target Compounds						
3) L1	AR-1016-1	4.779	4.765	18011965	9728182	54.891	55.428
4) L1	AR-1016-2	4.798	4.785	24206905	13399432	53.208	53.285
5) L1	AR-1016-3	4.855	4.960	18658513	7415278	57.851	54.640
6) L1	AR-1016-4	4.975	5.002	13549991	6527964	54.382	57.079
7) L1	AR-1016-5	5.233	5.215	15589904	8732807	57.953	58.580
31) L7	AR-1260-1	6.272	6.246	26614614	13981013	56.334	56.842
32) L7	AR-1260-2	6.461	6.433	35159753	17340702	59.956	59.437
33) L7	AR-1260-3	6.829	6.586	27896623	15884287	56.600	58.639
34) L7	AR-1260-4	7.088	7.057	23828498	11617411	56.143	57.902
35) L7	AR-1260-5	7.331	7.297	53567336	24854158	51.336	54.165

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

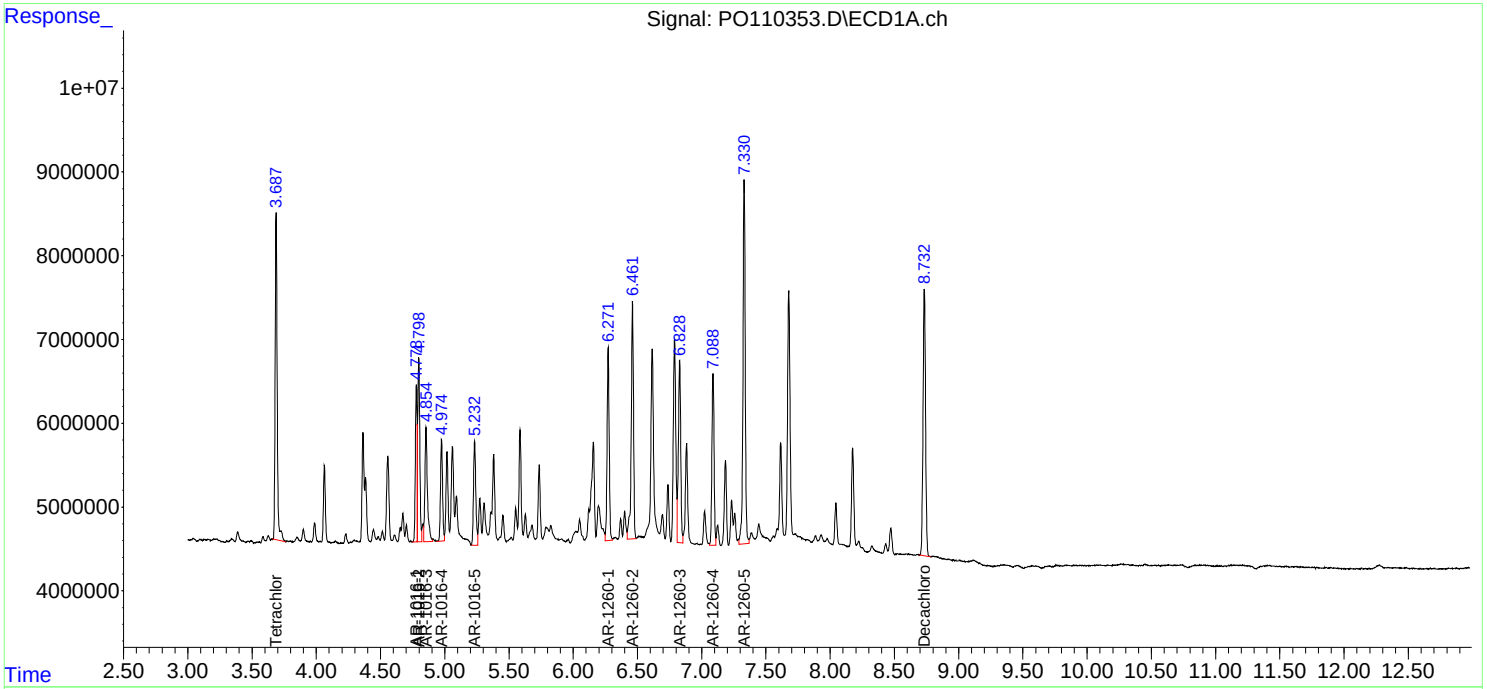
ICAL Form

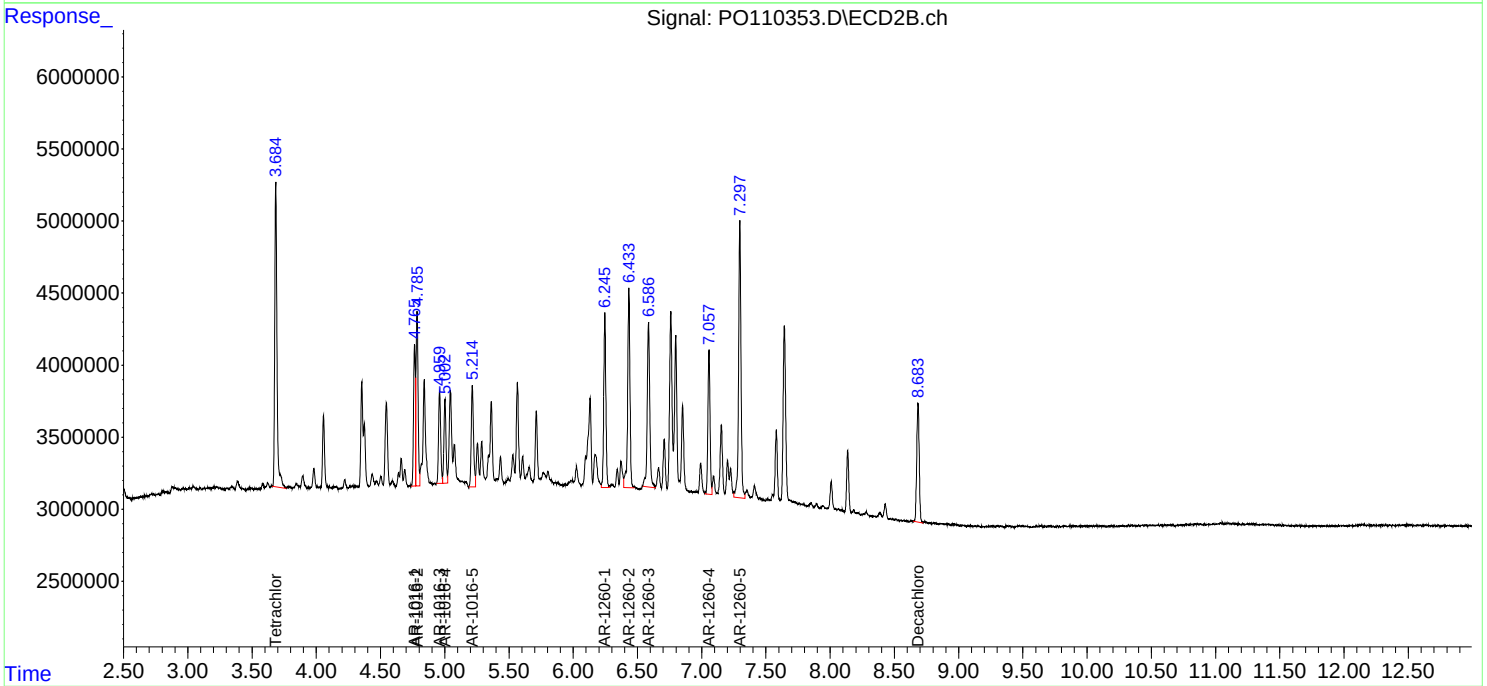
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 10:49
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

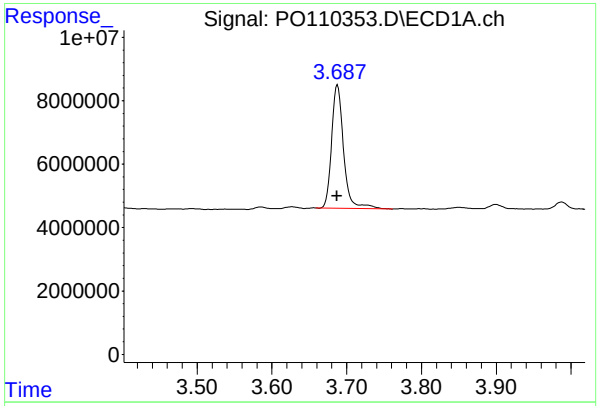
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:04:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 10:56:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



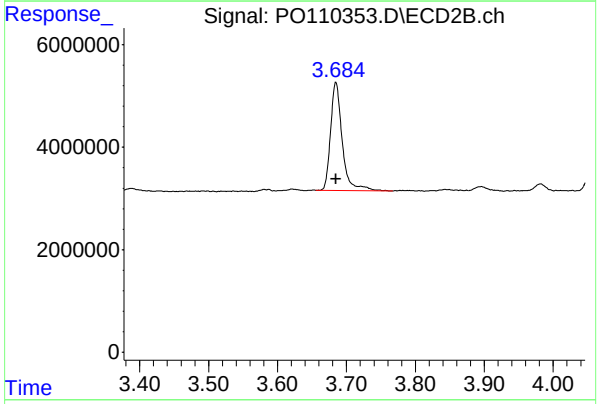




#1 Tetrachloro-m-xylene

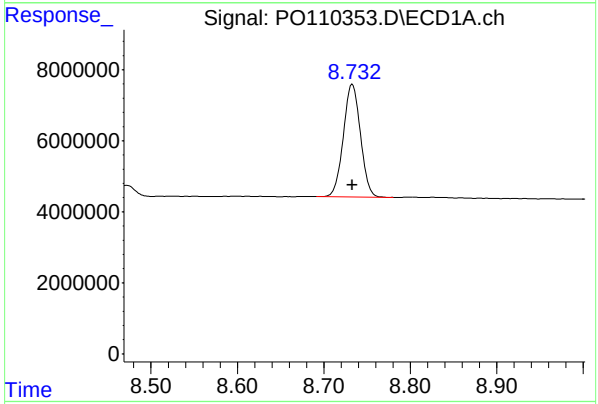
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 43289216
Conc: 4.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



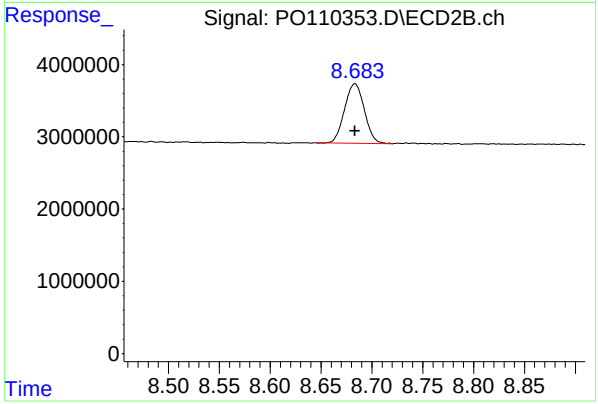
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 24808316
Conc: 4.97 ng/ml



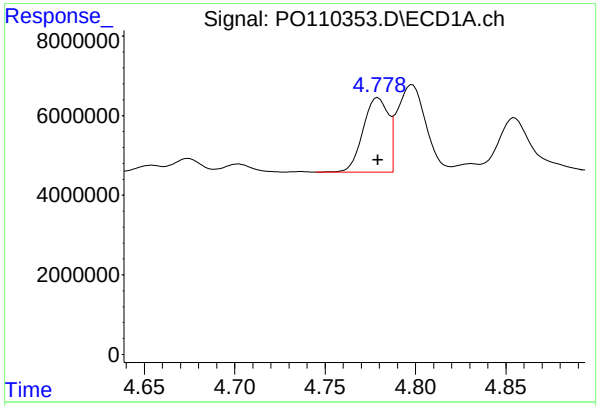
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 43582732
Conc: 5.52 ng/ml



#2 Decachlorobiphenyl

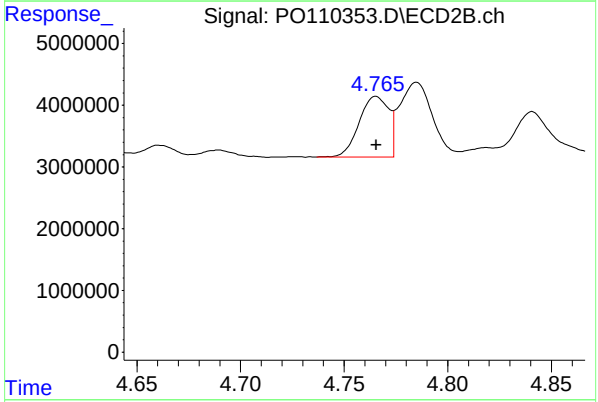
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 11156787
Conc: 5.80 ng/ml



#3 AR-1016-1

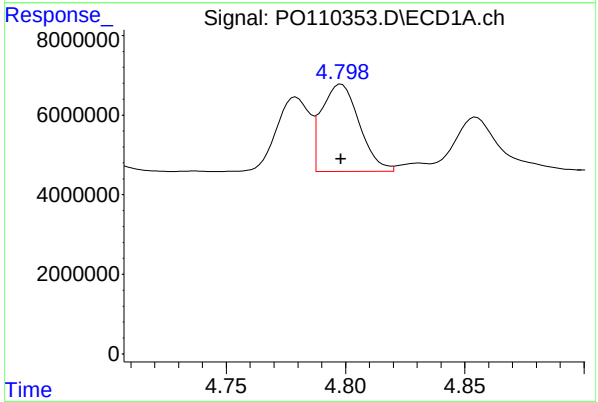
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 18011965
Conc: 54.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



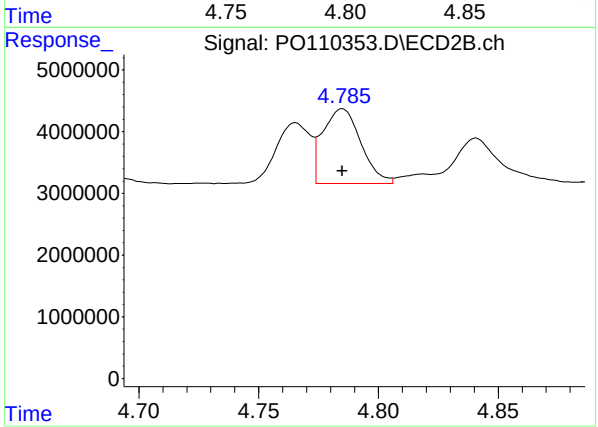
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 9728182
Conc: 55.43 ng/ml



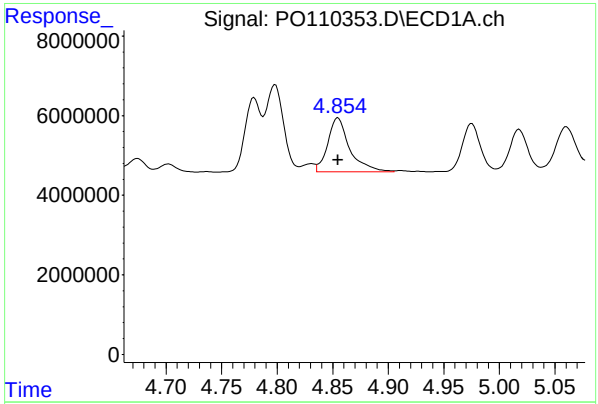
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 24206905
Conc: 53.21 ng/ml



#4 AR-1016-2

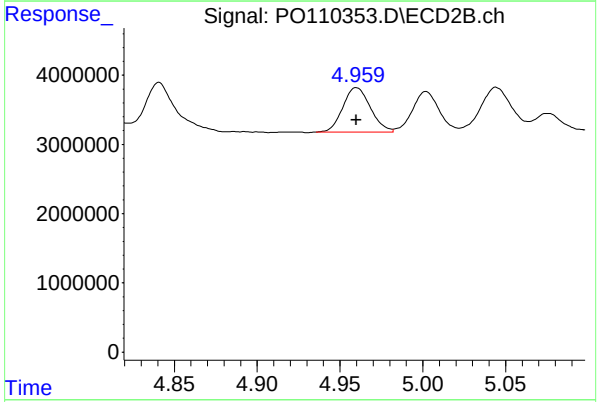
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 13399432
Conc: 53.29 ng/ml



#5 AR-1016-3

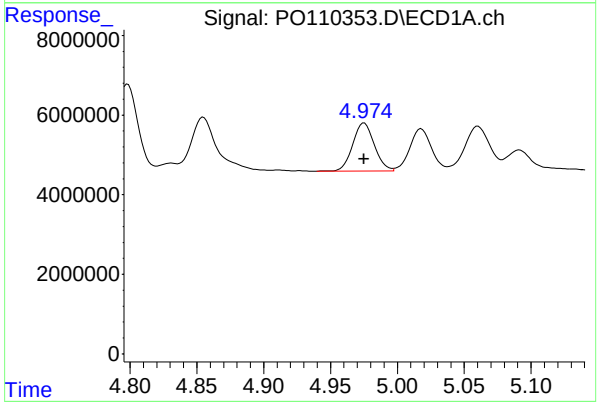
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 18658513
Conc: 57.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



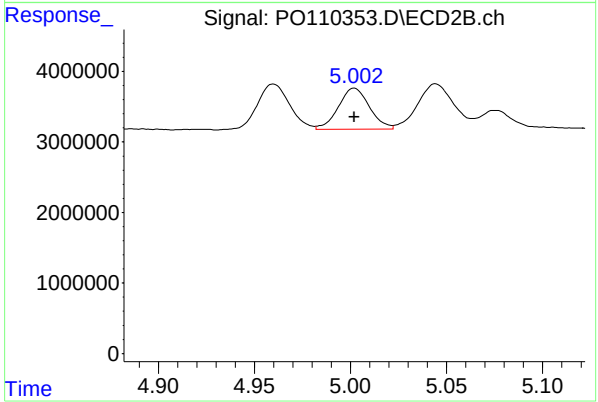
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 7415278
Conc: 54.64 ng/ml



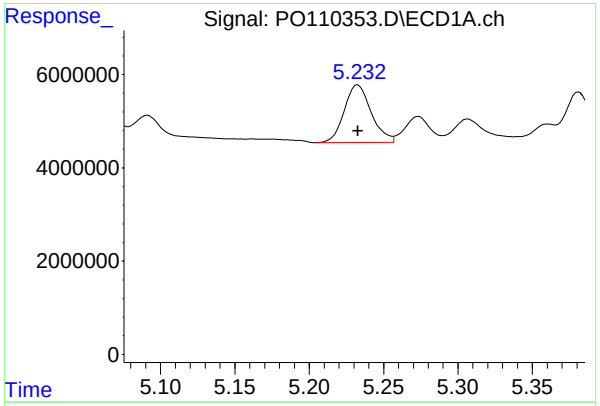
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 13549991
Conc: 54.38 ng/ml



#6 AR-1016-4

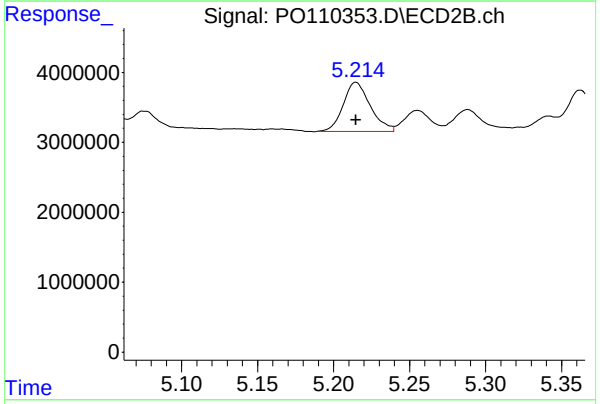
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 6527964
Conc: 57.08 ng/ml



#7 AR-1016-5

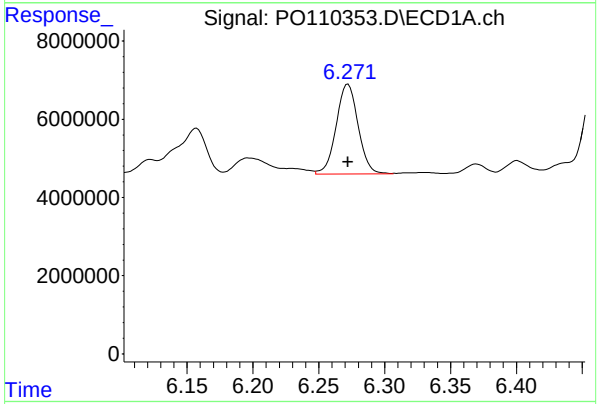
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 15589904
Conc: 57.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



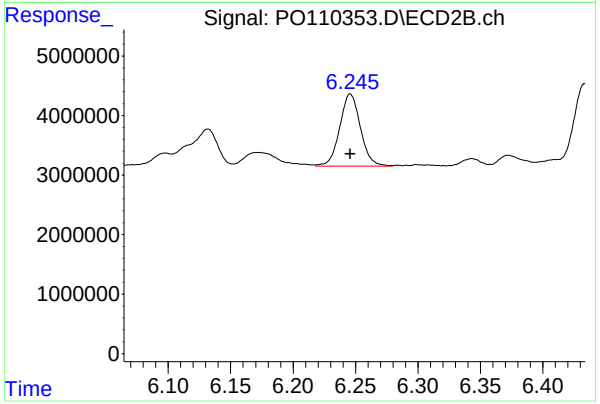
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 8732807
Conc: 58.58 ng/ml



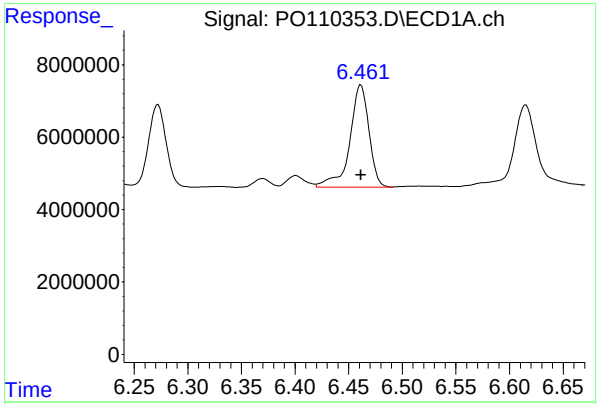
#31 AR-1260-1

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 26614614
Conc: 56.33 ng/ml



#31 AR-1260-1

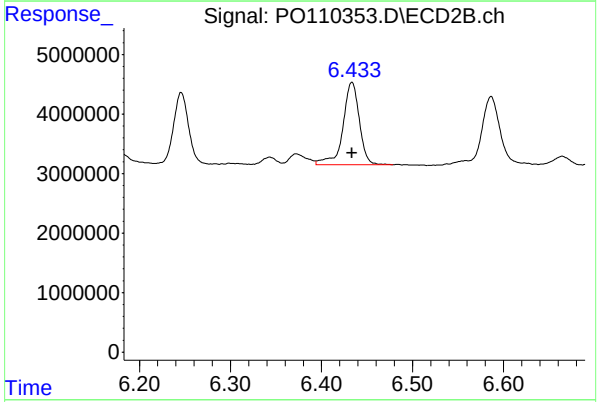
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 13981013
Conc: 56.84 ng/ml



#32 AR-1260-2

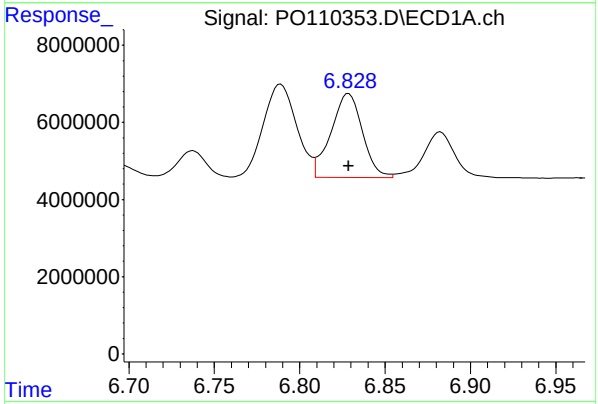
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 35159753
Conc: 59.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



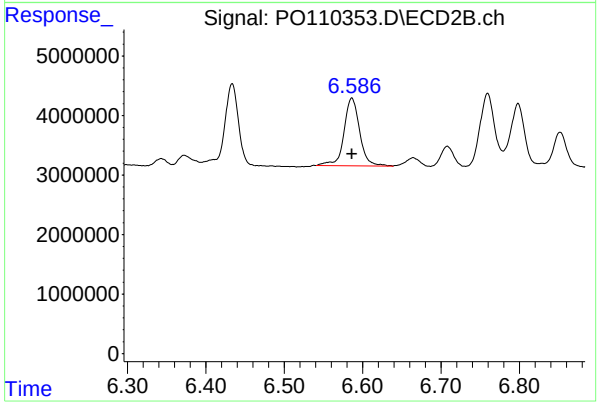
#32 AR-1260-2

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 17340702
Conc: 59.44 ng/ml



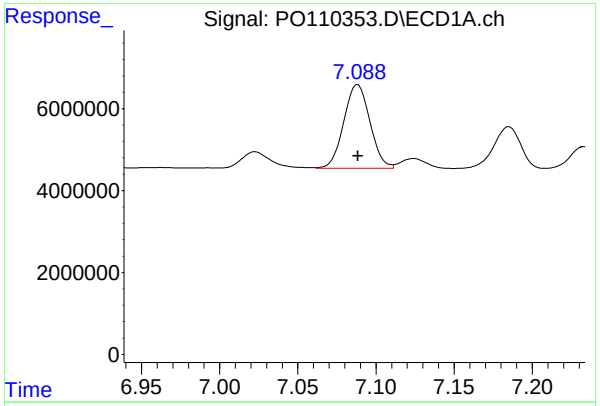
#33 AR-1260-3

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 27896623
Conc: 56.60 ng/ml



#33 AR-1260-3

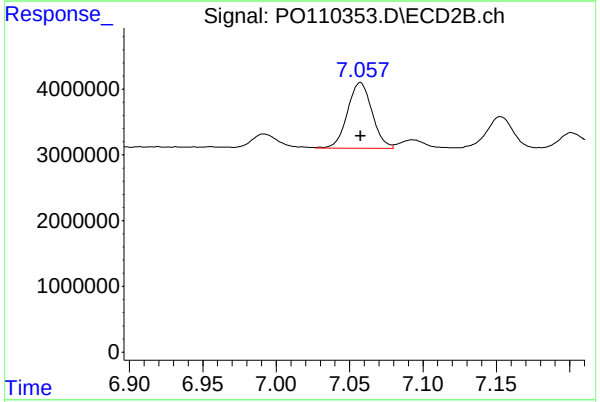
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 15884287
Conc: 58.64 ng/ml



#34 AR-1260-4

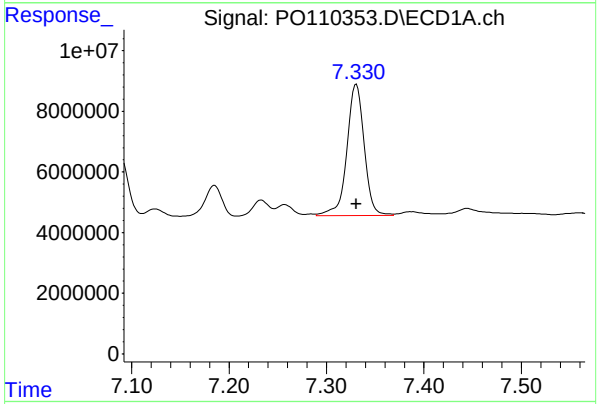
R.T.: 7.088 min
Delta R.T.: 0.000 mi
Response: 23828498
Conc: 56.14 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



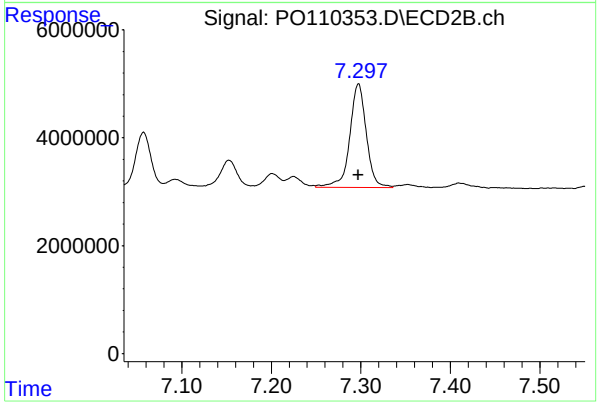
#34 AR-1260-4

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 11617411
Conc: 57.90 ng/ml



#35 AR-1260-5

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 53567336
Conc: 51.34 ng/ml



#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 24854158
Conc: 54.17 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:08
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:55:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 11:55:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	417.4E6	233.4E6	50.000	50.000
2)	SA Decachlor...	8.732	8.684	379.4E6	91675770	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.901	3.895	59017332	33386157	500.000	500.000
9)	L2 AR-1221-2	3.987	3.981	44171792	25048140	500.000	500.000
10)	L2 AR-1221-3	4.064	4.057	131.6E6	74585161	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

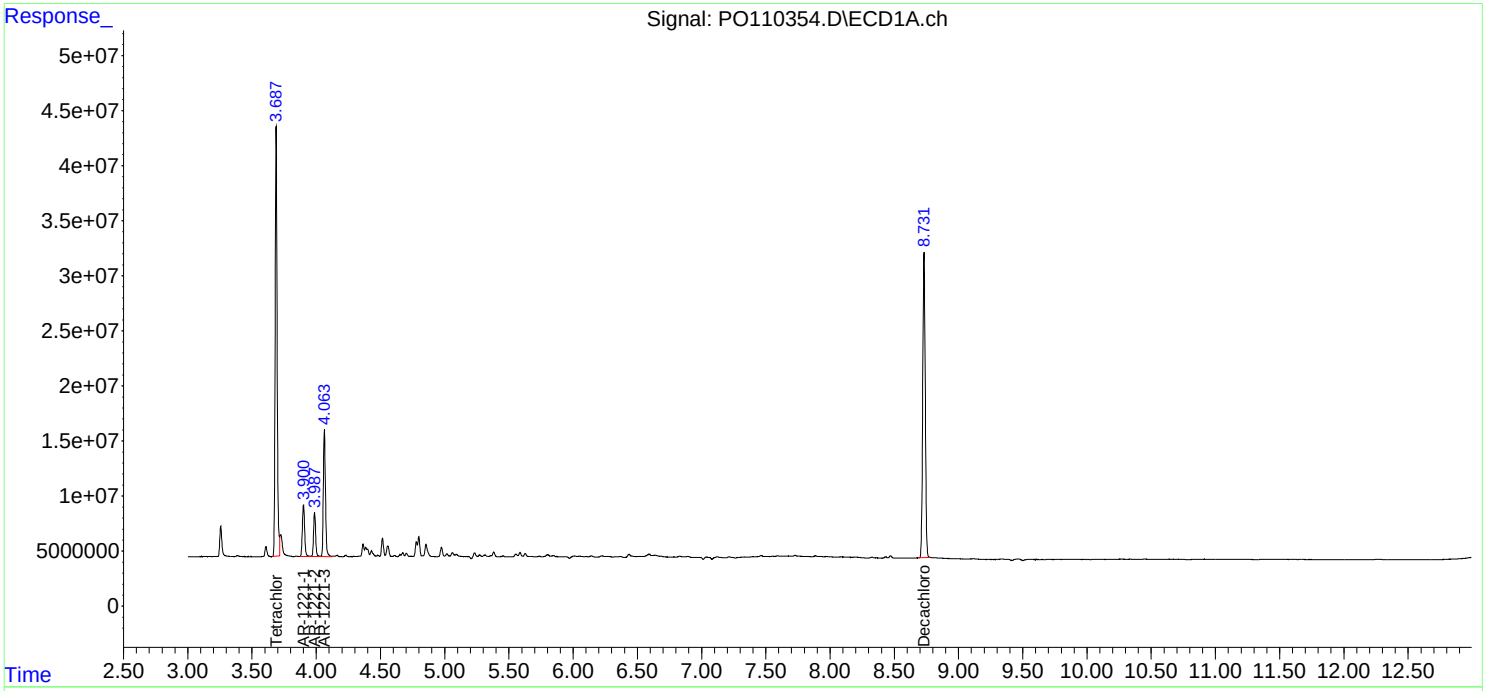
ICAL Form

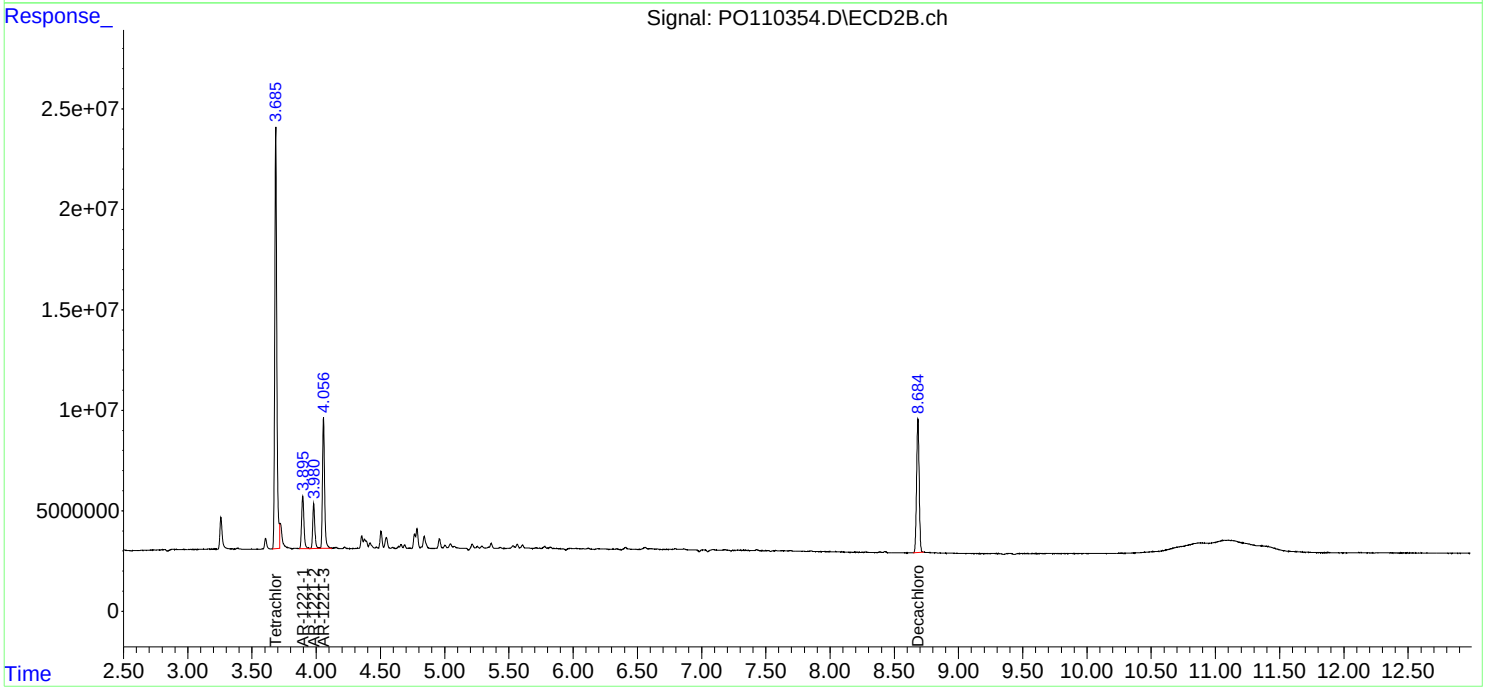
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:08
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

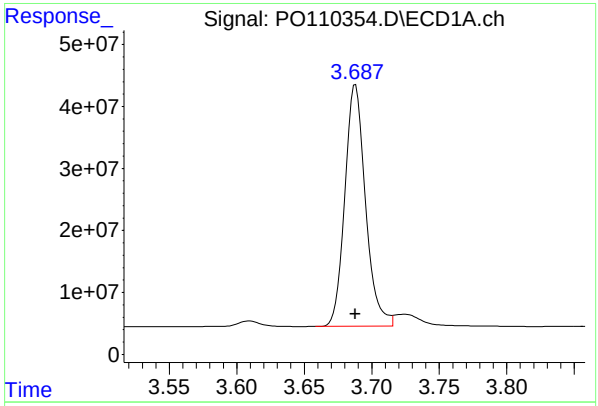
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:55:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 11:55:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



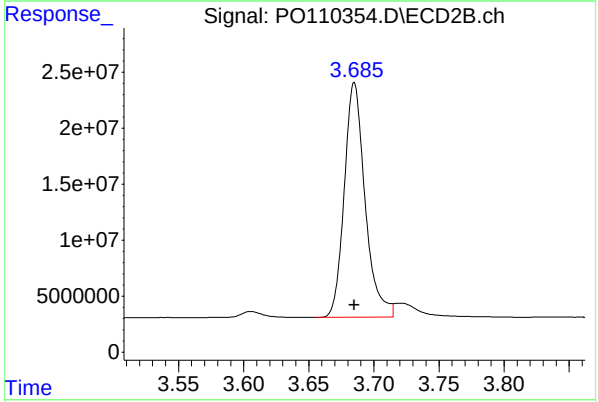




#1 Tetrachloro-m-xylene

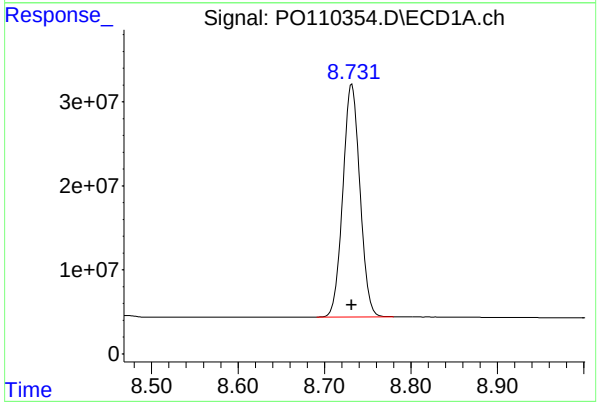
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 417415920
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



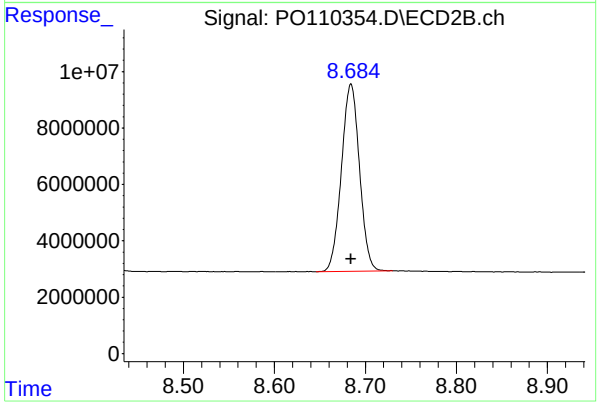
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 233406278
Conc: 50.00 ng/ml



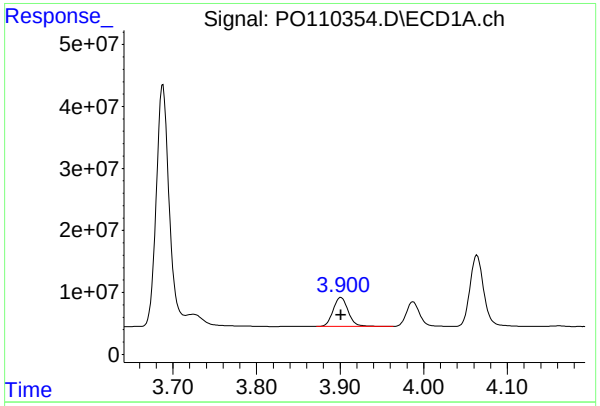
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 379375296
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

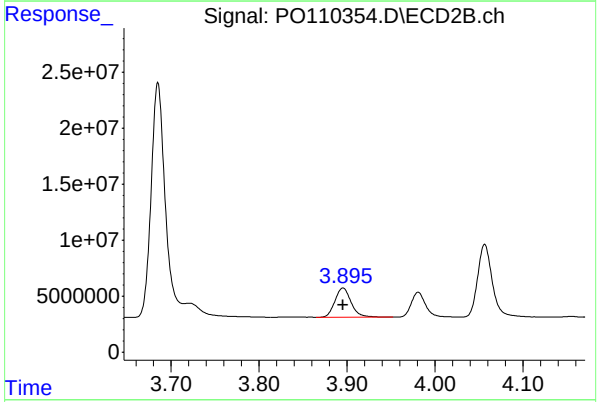
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 91675770
Conc: 50.00 ng/ml



#8 AR-1221-1

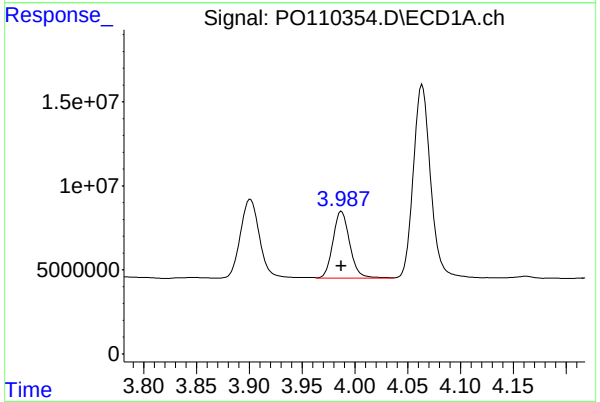
R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 59017332
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



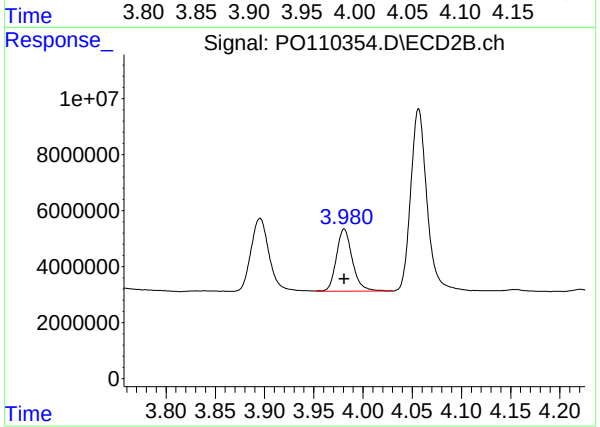
#8 AR-1221-1

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 33386157
Conc: 500.00 ng/ml



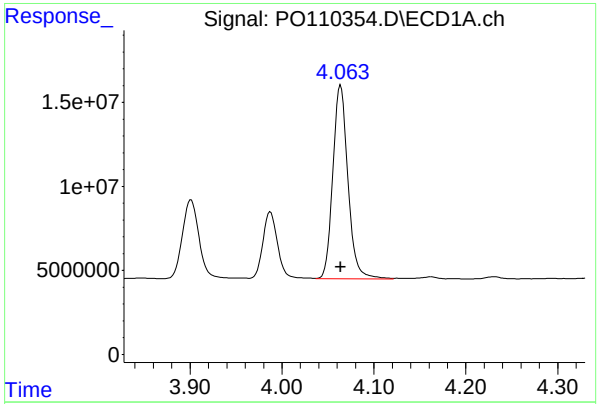
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 44171792
Conc: 500.00 ng/ml



#9 AR-1221-2

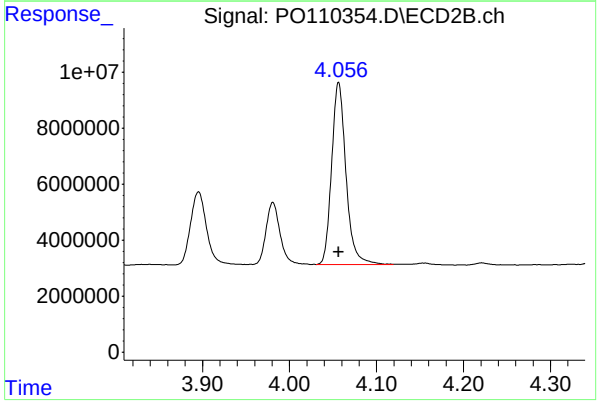
R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 25048140
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.064 min
Delta R.T.: 0.000 min
Response: 131562252
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.057 min
Delta R.T.: 0.000 min
Response: 74585161
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:26
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:58:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 11:55:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.688	3.685	398.8E6	234.5E6	50.000	50.000
2) SA	Decachlor...	8.732	8.684	375.1E6	90279792	50.000	50.000
	Target Compounds						
11) L3	AR-1232-1	4.063	4.056	102.4E6	57511970	500.000	500.000
12) L3	AR-1232-2	4.556	4.784	53354286	55434068	500.000	500.000
13) L3	AR-1232-3	4.798	4.959	99890710	28601554	500.000	500.000
14) L3	AR-1232-4	4.975	5.044	51149202	26976681	500.000	500.000
15) L3	AR-1232-5	5.016	5.214	34451183	28567949	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

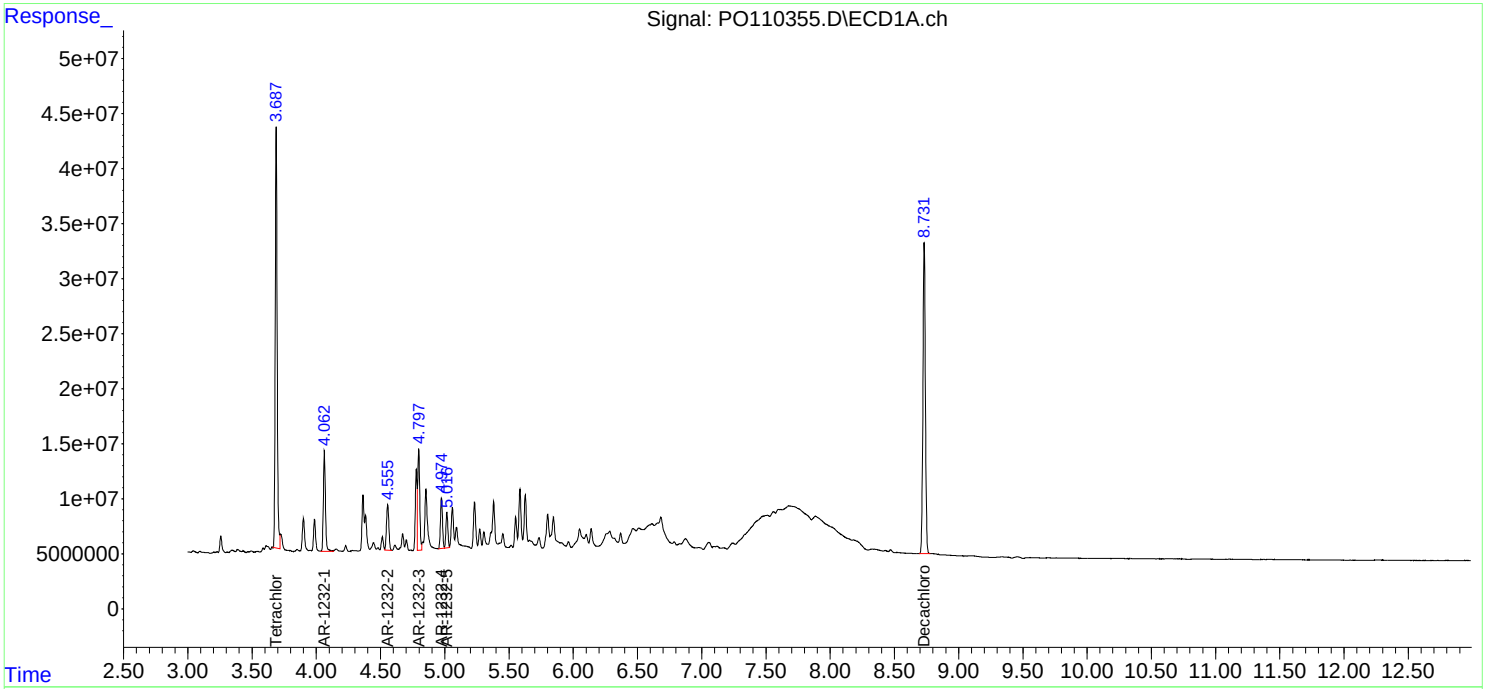
ICAL Form

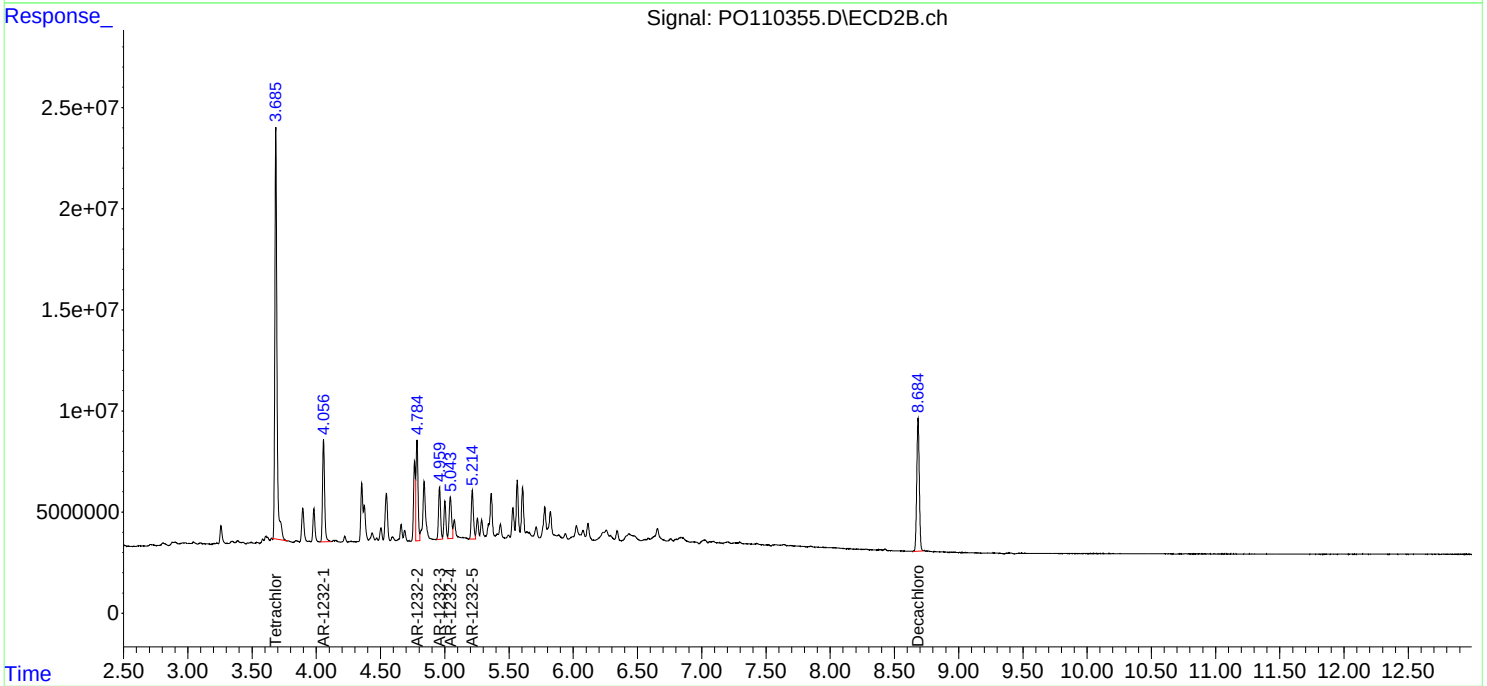
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:26
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

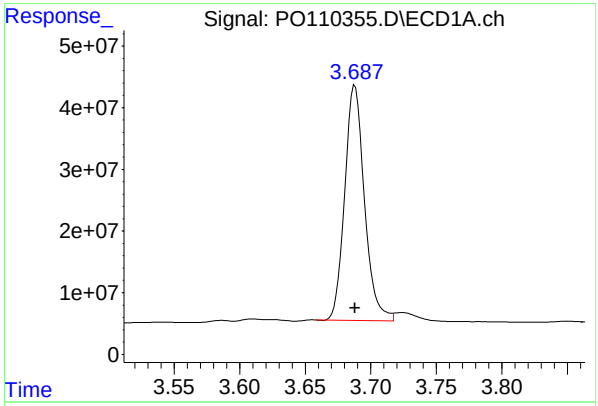
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 11:58:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 11:55:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



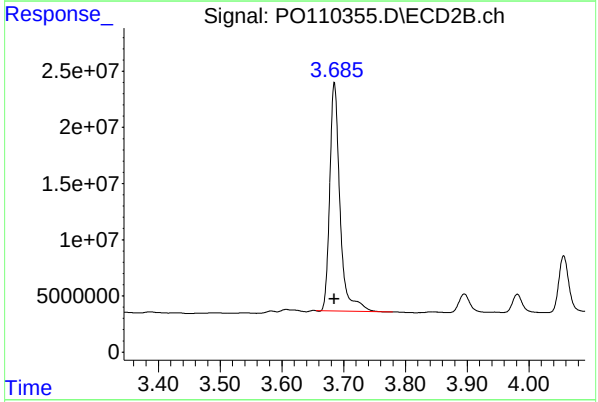




#1 Tetrachloro-m-xylene

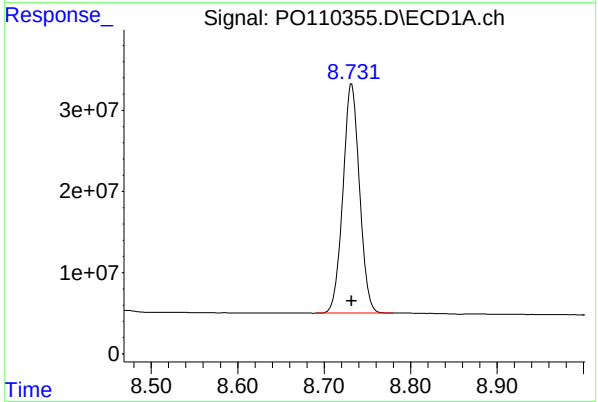
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 398843258
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



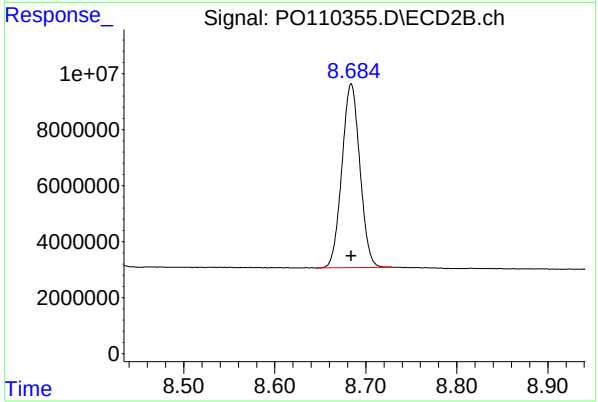
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 234466810
Conc: 50.00 ng/ml



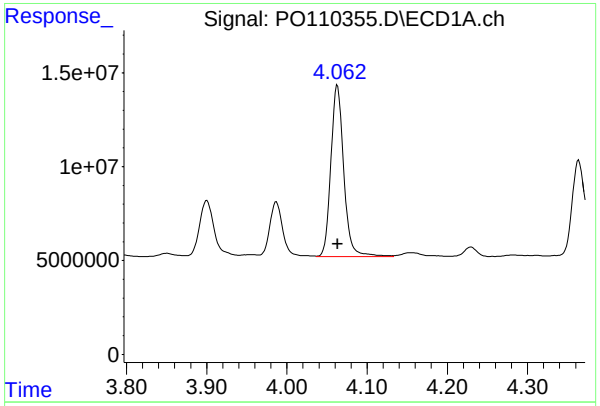
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 375127785
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

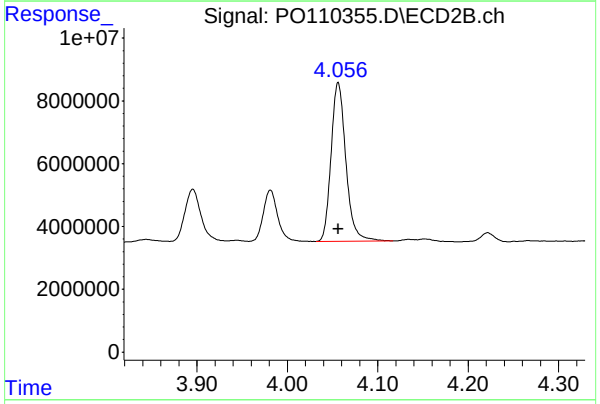
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 90279792
Conc: 50.00 ng/ml



#11 AR-1232-1

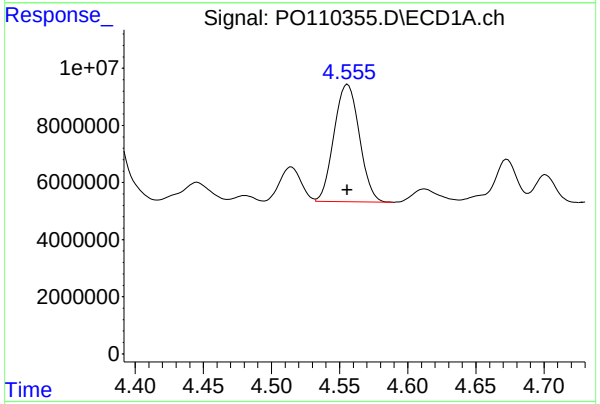
R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 102411775
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



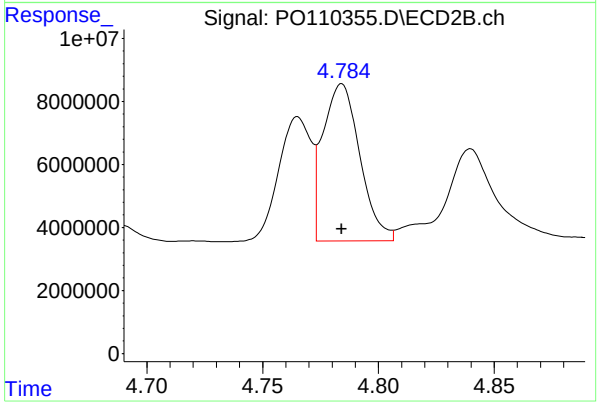
#11 AR-1232-1

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 57511970
Conc: 500.00 ng/ml



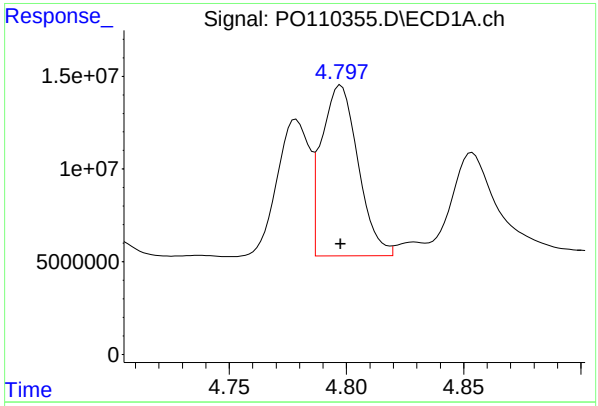
#12 AR-1232-2

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 53354286
Conc: 500.00 ng/ml



#12 AR-1232-2

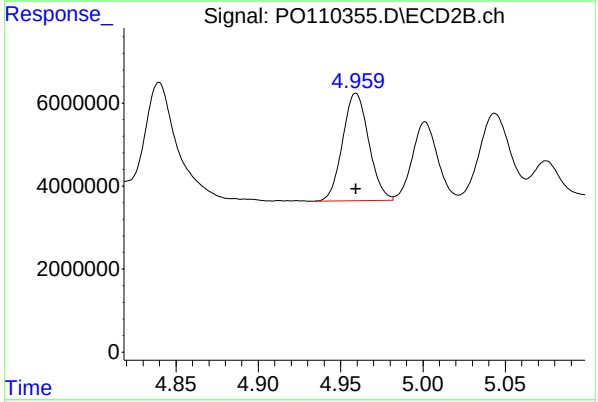
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 55434068
Conc: 500.00 ng/ml



#13 AR-1232-3

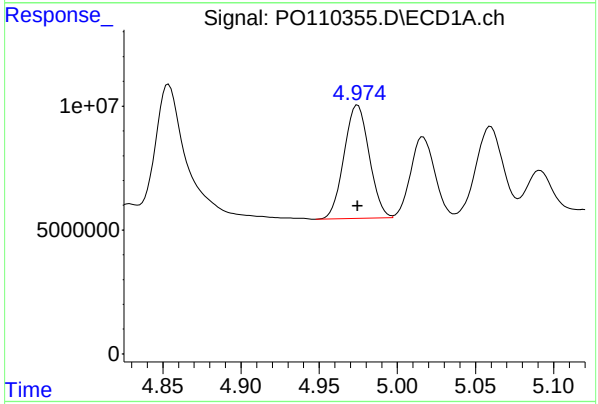
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 99890710
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



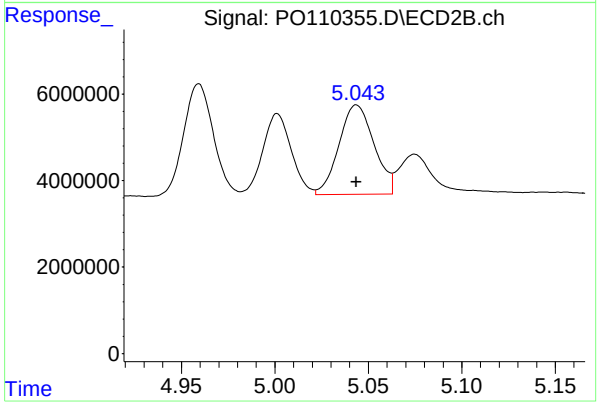
#13 AR-1232-3

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 28601554
Conc: 500.00 ng/ml



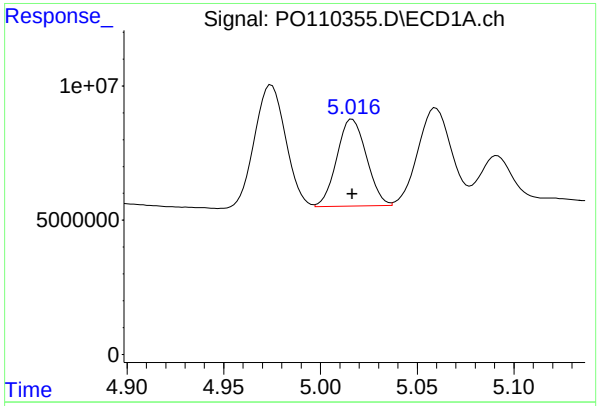
#14 AR-1232-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 51149202
Conc: 500.00 ng/ml



#14 AR-1232-4

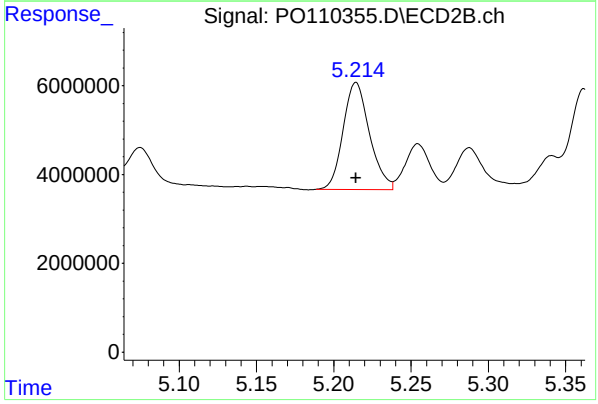
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 26976681
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 34451183
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 28567949
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:44
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:34:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	827.2E6	466.8E6	96.341	96.381
2)	SA Decachlor...	8.733	8.684	723.7E6	161.9E6	95.968	92.585
	Target Compounds						
16)	L4 AR-1242-1	4.780	4.766	251.4E6	135.4E6	944.813	952.306
17)	L4 AR-1242-2	4.799	4.785	357.5E6	196.0E6	959.280	955.179
18)	L4 AR-1242-3	4.855	4.960	243.8E6	104.3E6	938.223	947.136
19)	L4 AR-1242-4	4.976	5.044	192.5E6	104.2E6	946.796	934.477
20)	L4 AR-1242-5	5.628	5.565	201.5E6	127.6E6	943.266	944.974

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

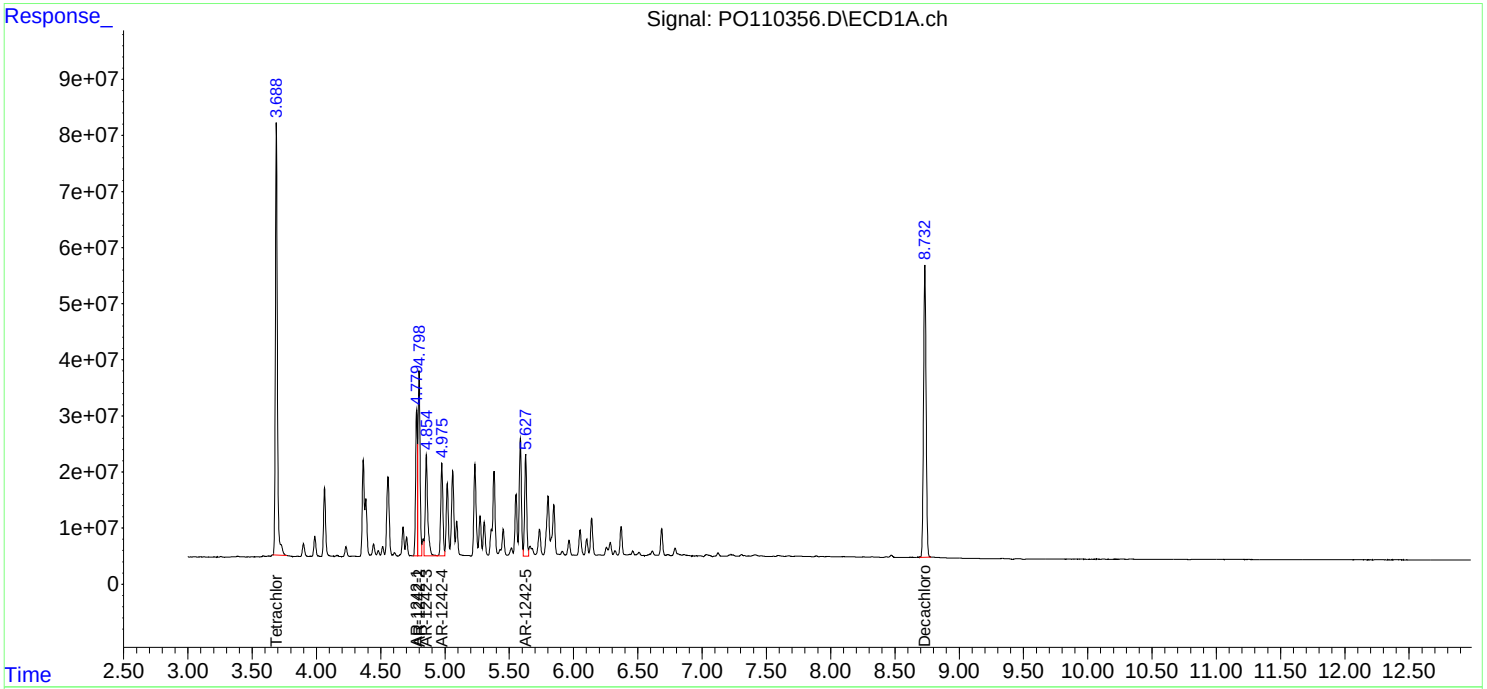
ICAL Form

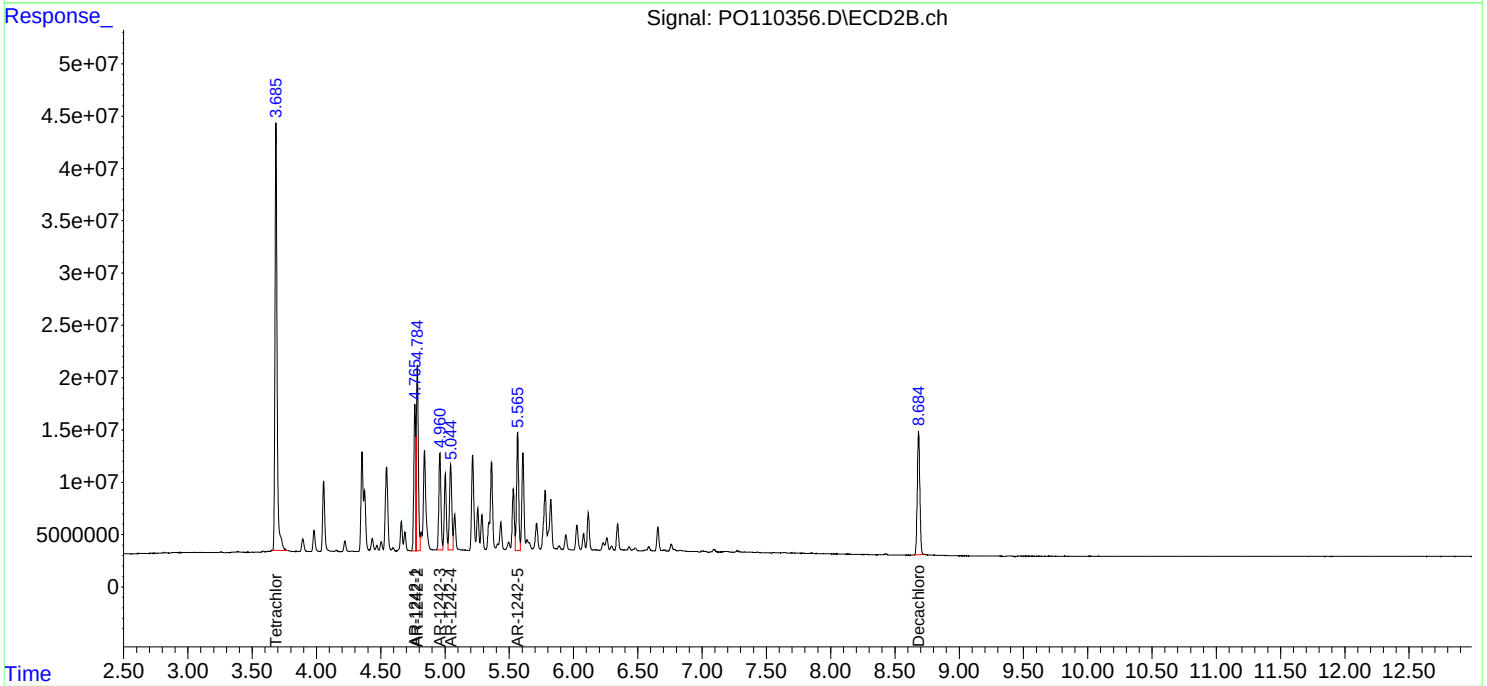
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 11:44
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

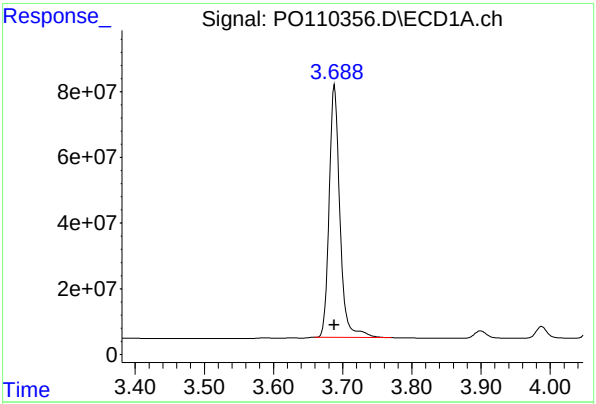
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:34:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



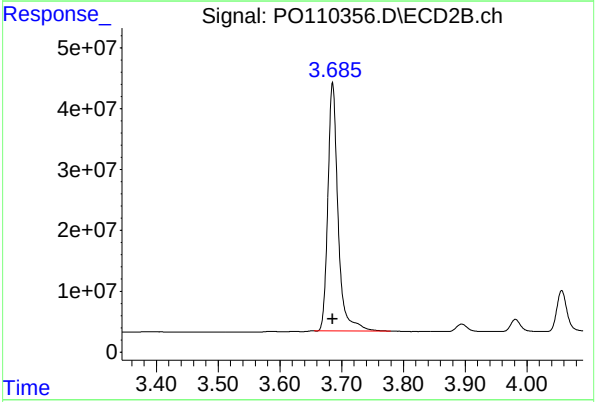




#1 Tetrachloro-m-xylene

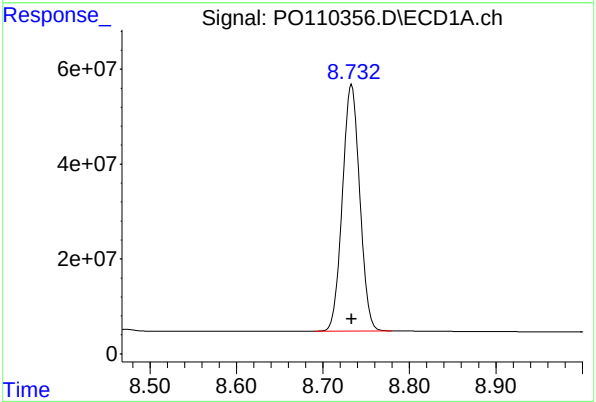
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 827152171
Conc: 96.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



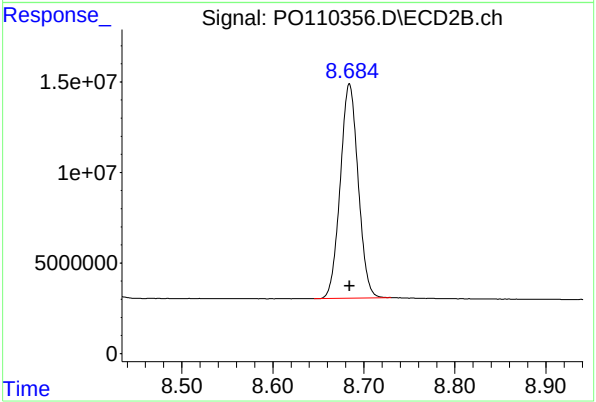
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 466802602
Conc: 96.38 ng/ml



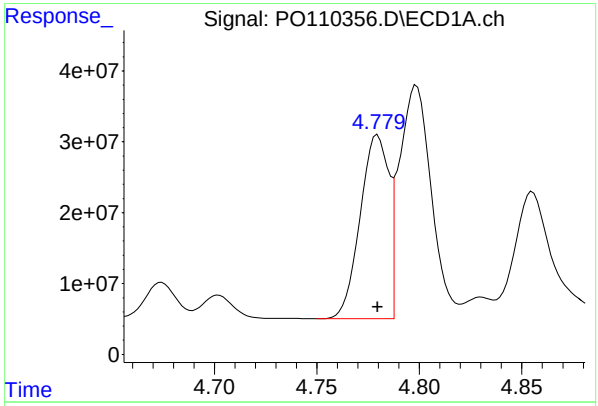
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 723668193
Conc: 95.97 ng/ml



#2 Decachlorobiphenyl

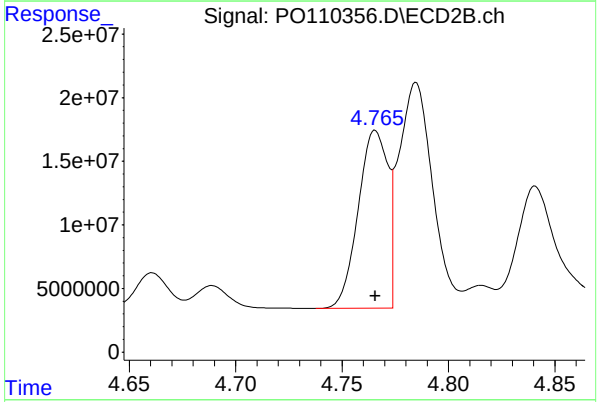
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 161857670
Conc: 92.58 ng/ml



#16 AR-1242-1

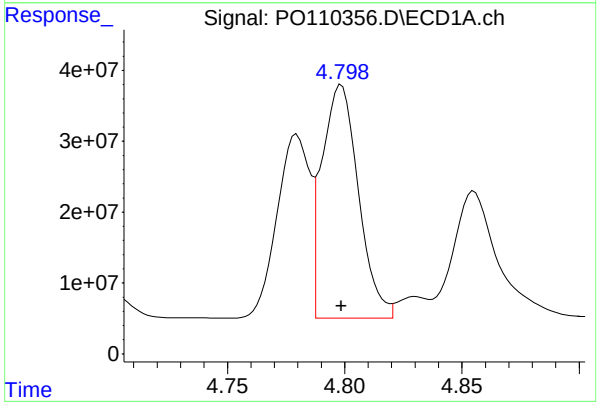
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 251425090
Conc: 944.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



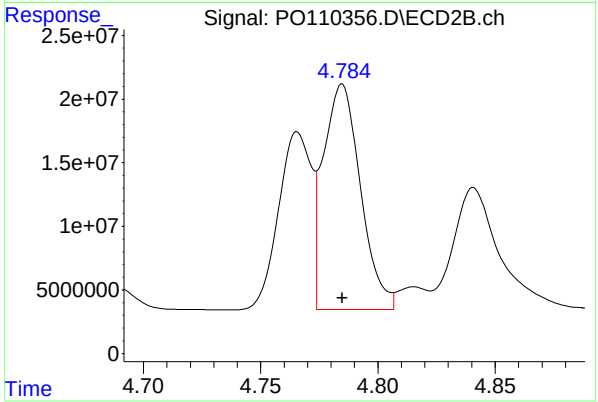
#16 AR-1242-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 135406625
Conc: 952.31 ng/ml



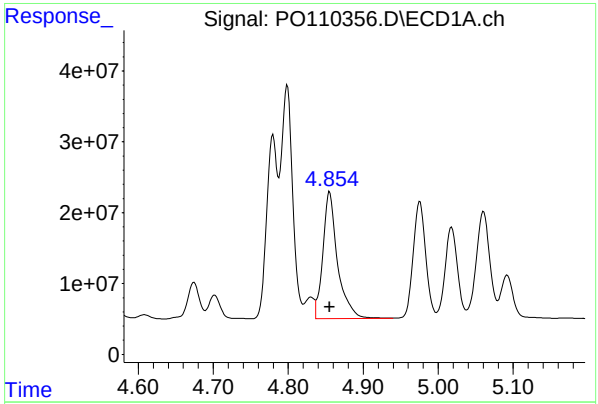
#17 AR-1242-2

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 357466275
Conc: 959.28 ng/ml



#17 AR-1242-2

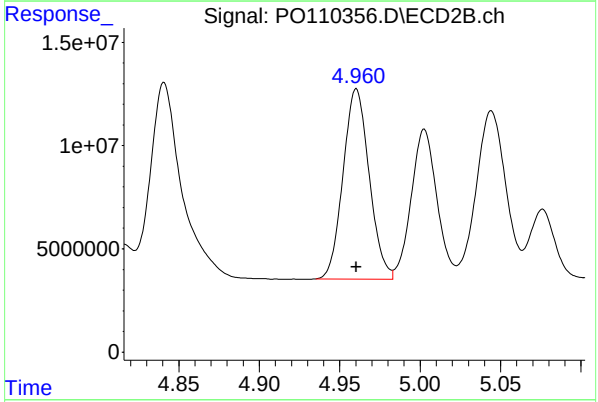
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 196039746
Conc: 955.18 ng/ml



#18 AR-1242-3

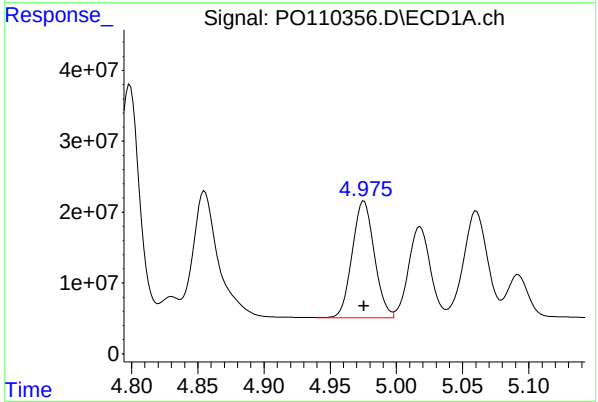
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 243771373
Conc: 938.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



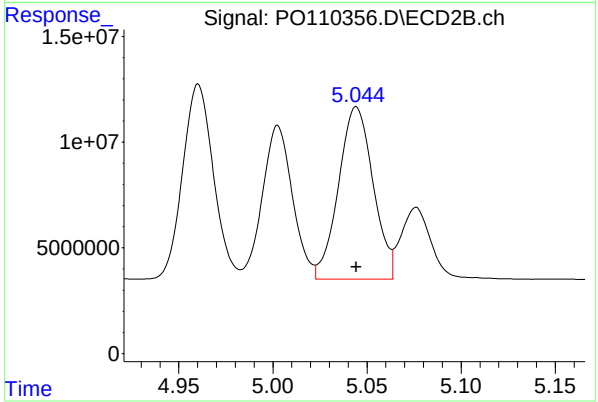
#18 AR-1242-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 104255216
Conc: 947.14 ng/ml



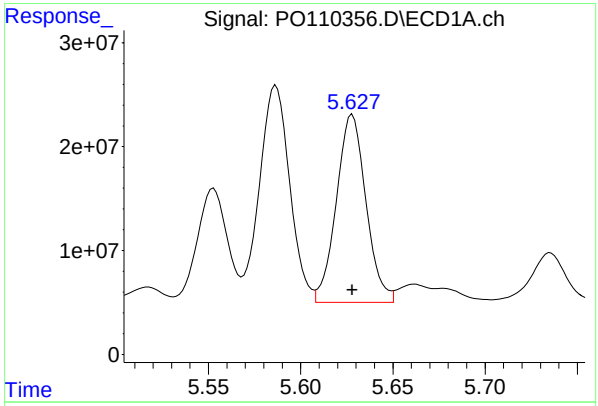
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 192501706
Conc: 946.80 ng/ml



#19 AR-1242-4

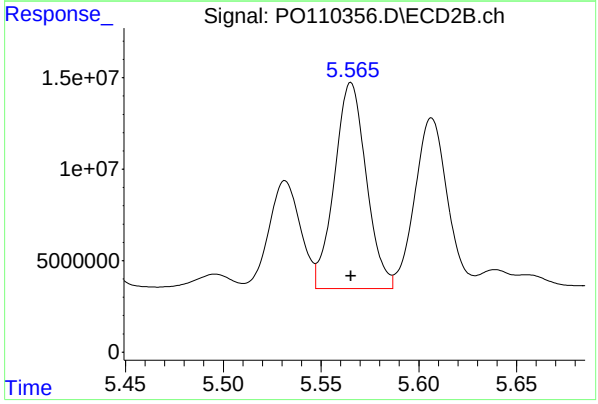
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 104208953
Conc: 934.48 ng/ml



#20 AR-1242-5

R.T.: 5.628 min
Delta R.T.: 0.000 mi
Response: 201519138
Conc: 943.27 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 127551049
Conc: 944.97 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:03
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:36:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	658.2E6	370.5E6	76.100	75.993
2)	SA Decachlor...	8.733	8.684	567.8E6	132.4E6	75.200	75.507
	Target Compounds						
16)	L4 AR-1242-1	4.780	4.766	198.9E6	107.1E6	748.410	752.372
17)	L4 AR-1242-2	4.798	4.785	286.0E6	156.3E6	761.574	757.700
18)	L4 AR-1242-3	4.855	4.960	217.2E6	83520623	805.293	755.822
19)	L4 AR-1242-4	4.975	5.045	154.0E6	84537972	754.983	755.368
20)	L4 AR-1242-5	5.627	5.565	161.1E6	102.1E6	752.686	754.354

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

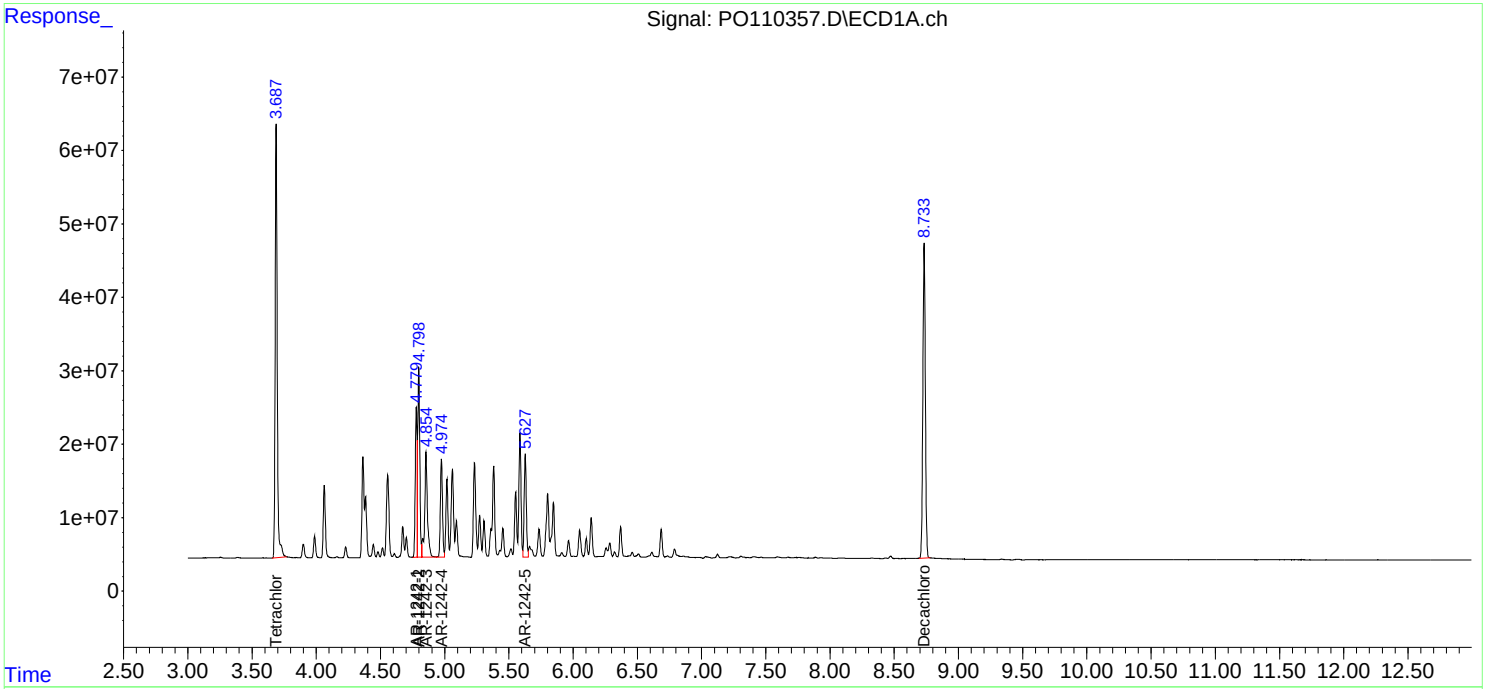
ICAL Form

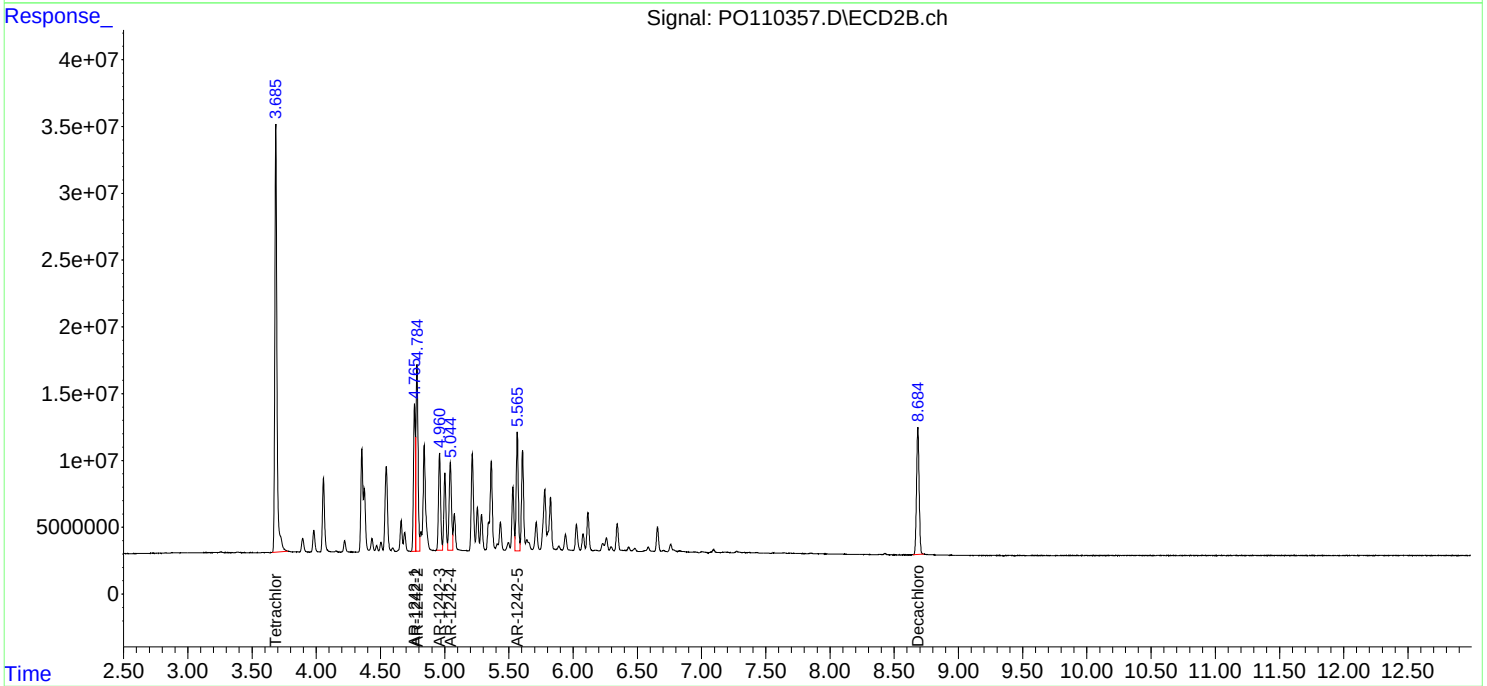
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:03
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

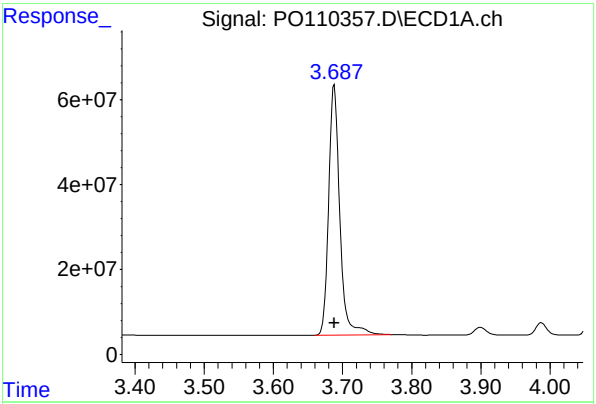
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:36:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



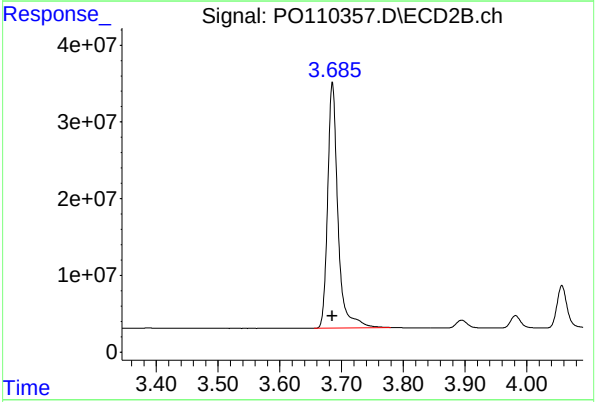




#1 Tetrachloro-m-xylene

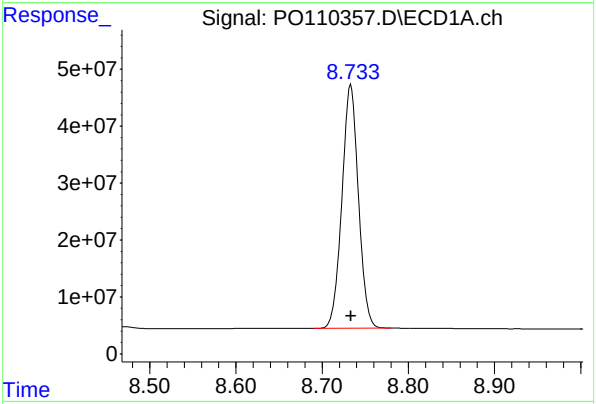
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 658203968
Conc: 76.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



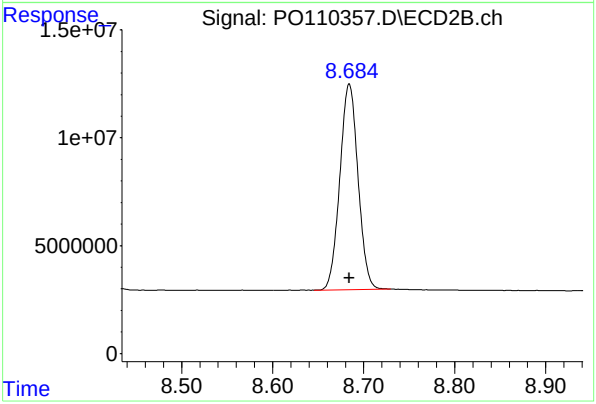
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 370506533
Conc: 75.99 ng/ml



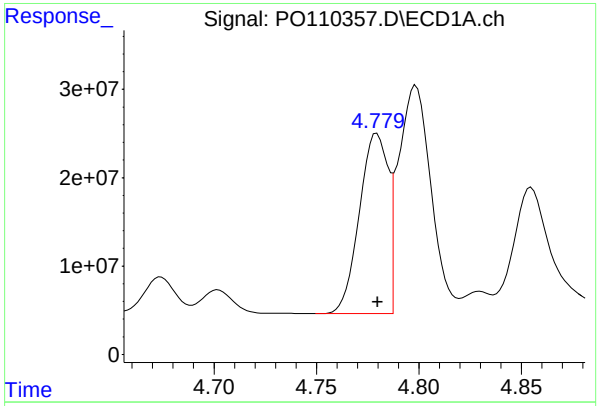
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 567817183
Conc: 75.20 ng/ml



#2 Decachlorobiphenyl

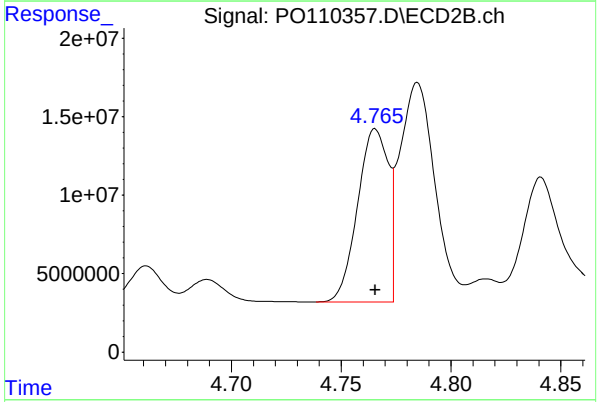
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 132448865
Conc: 75.51 ng/ml



#16 AR-1242-1

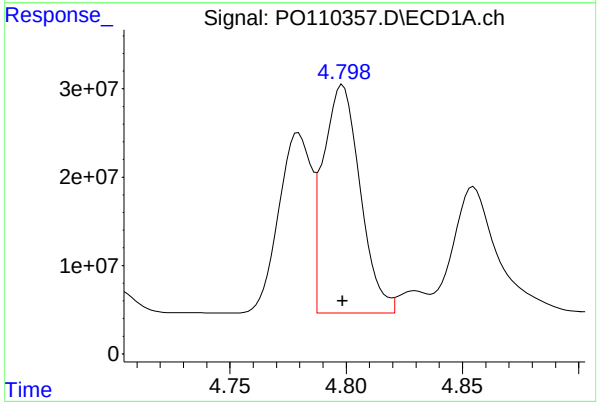
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 198949228
Conc: 748.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



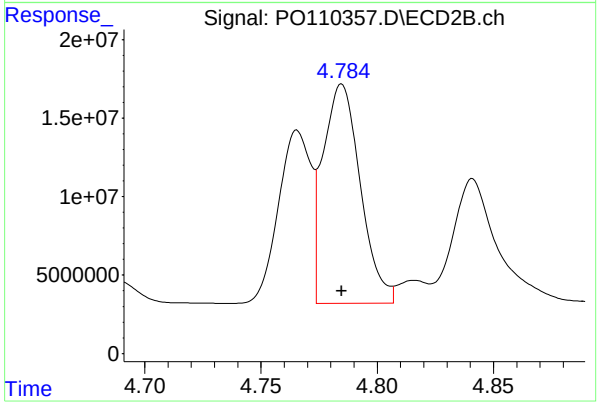
#16 AR-1242-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 107147844
Conc: 752.37 ng/ml



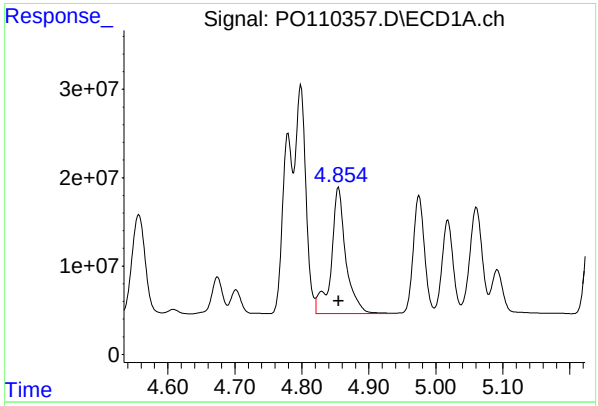
#17 AR-1242-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 285999640
Conc: 761.57 ng/ml



#17 AR-1242-2

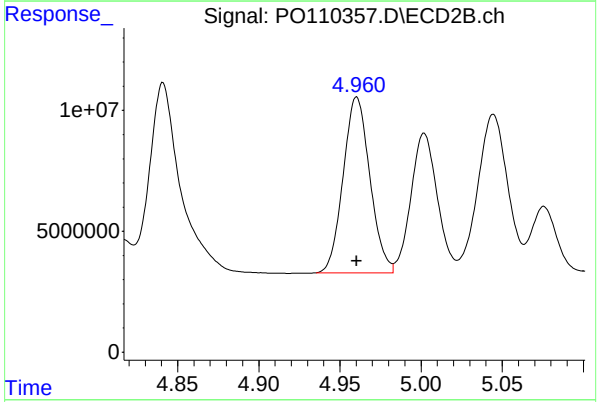
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 156311902
Conc: 757.70 ng/ml



#18 AR-1242-3

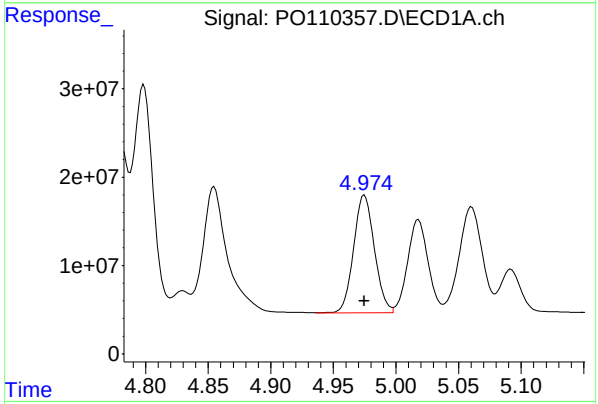
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 217241363
Conc: 805.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



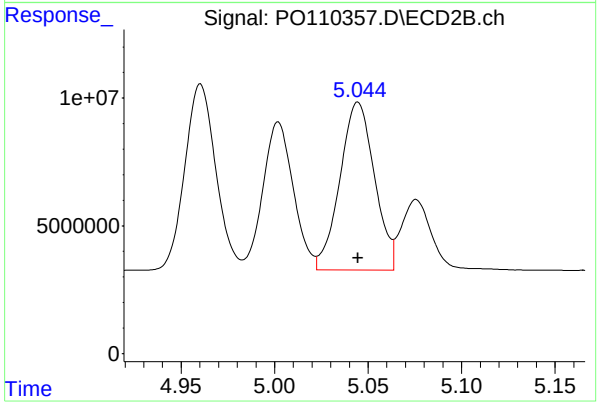
#18 AR-1242-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 83520623
Conc: 755.82 ng/ml



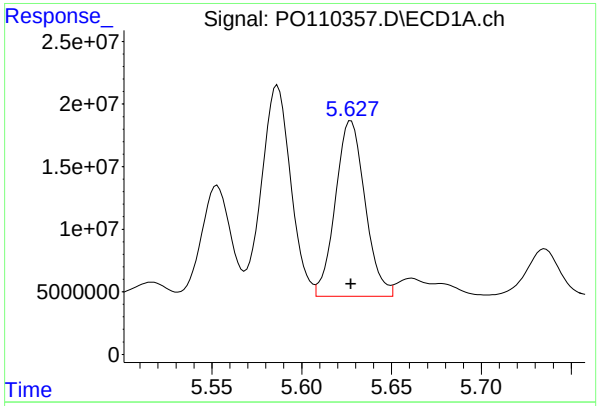
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 154014183
Conc: 754.98 ng/ml



#19 AR-1242-4

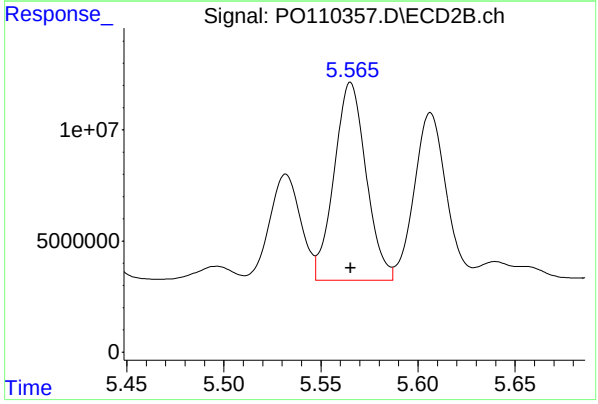
R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 84537972
Conc: 755.37 ng/ml



#20 AR-1242-5

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 161092202
Conc: 752.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 102118034
Conc: 754.35 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:21
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:31:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	445.0E6	250.9E6	50.000	50.000
2)	SA Decachlor...	8.732	8.683	392.2E6	93891957	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.779	4.765	140.4E6	74484875	500.000	500.000
17)	L4 AR-1242-2	4.798	4.783	193.9E6	107.2E6	500.000	500.000
18)	L4 AR-1242-3	4.855	4.959	137.9E6	57946521	500.000	500.000
19)	L4 AR-1242-4	4.975	5.044	107.1E6	59411329	500.000	500.000
20)	L4 AR-1242-5	5.628	5.564	112.9E6	71202904	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

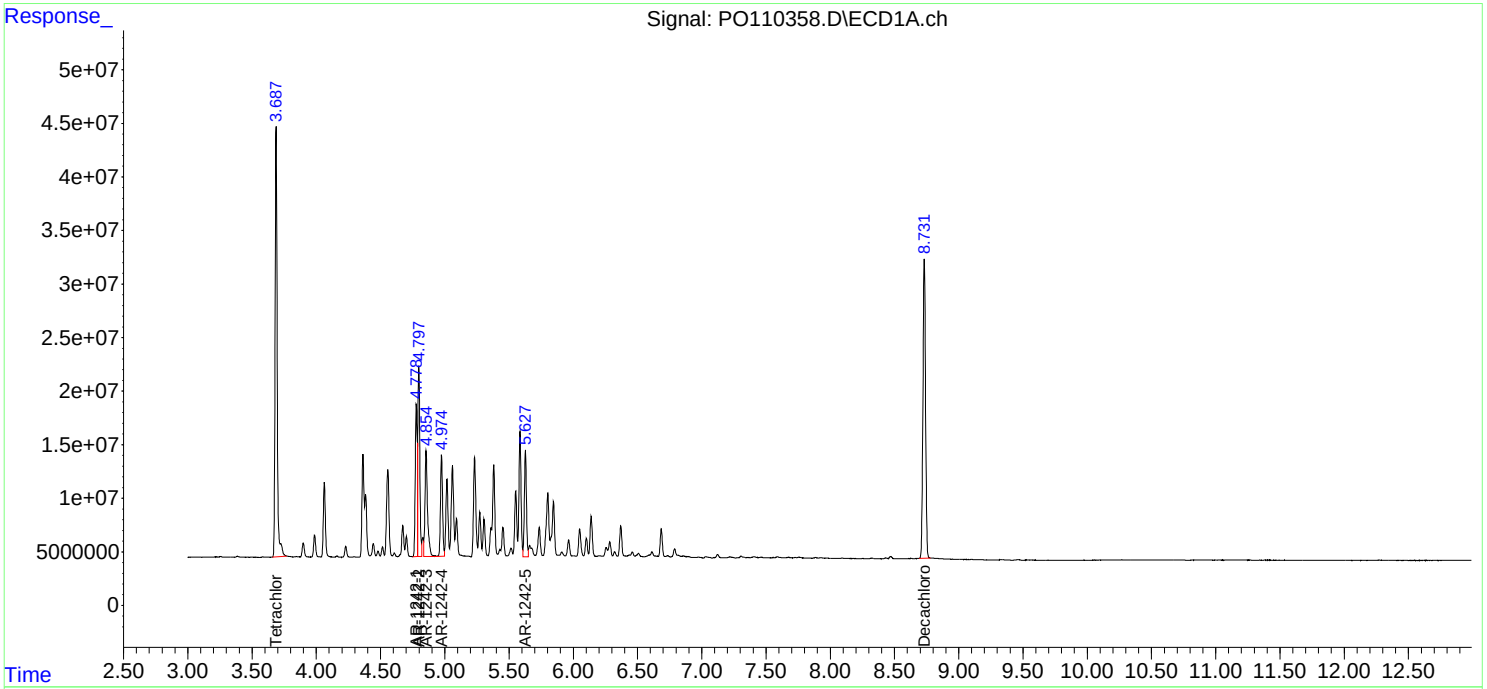
ICAL Form

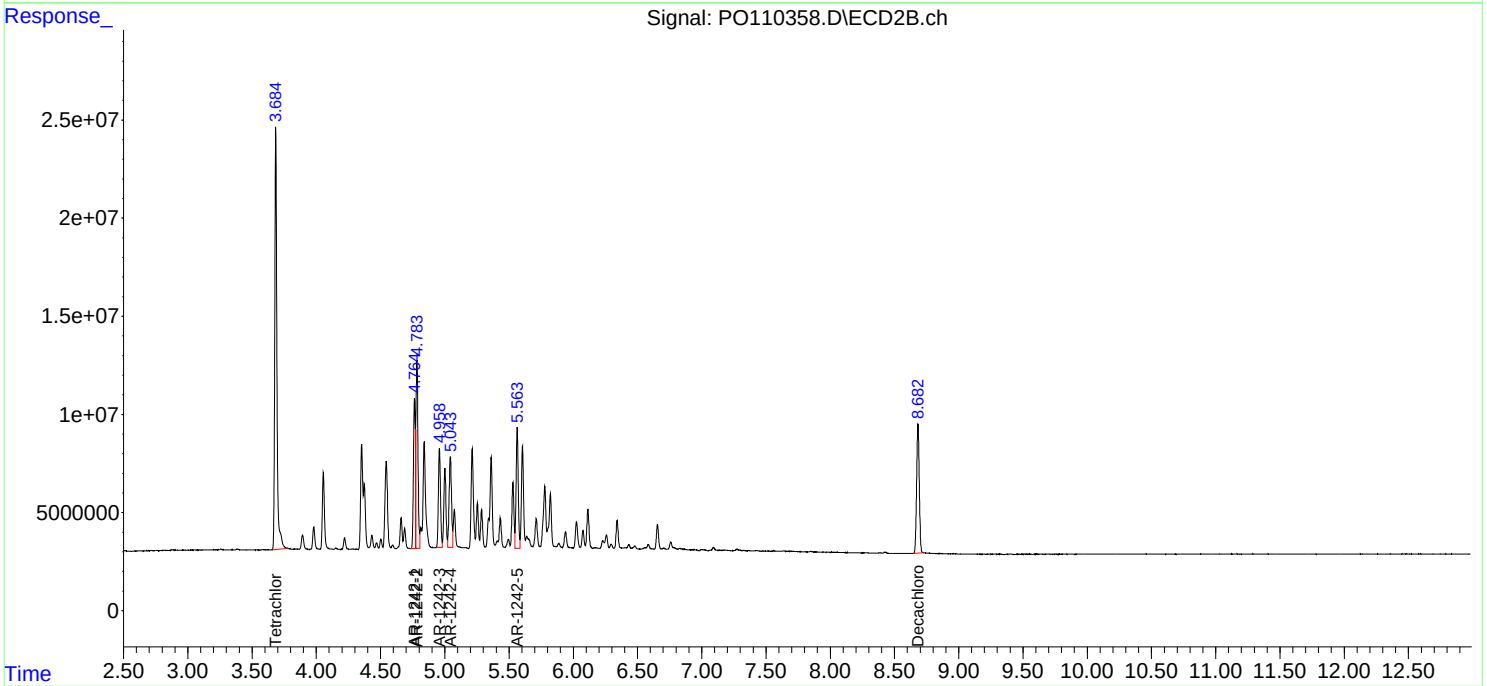
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:21
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

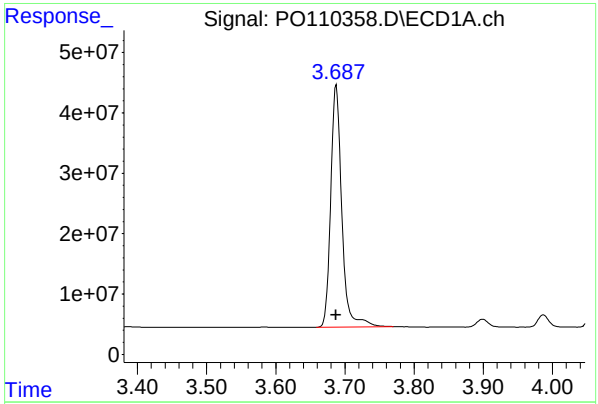
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:31:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:31:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



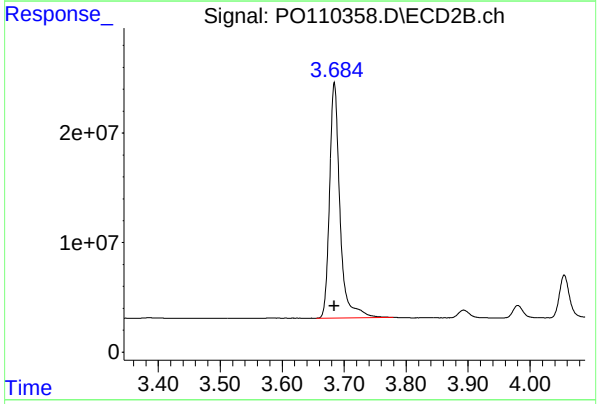




#1 Tetrachloro-m-xylene

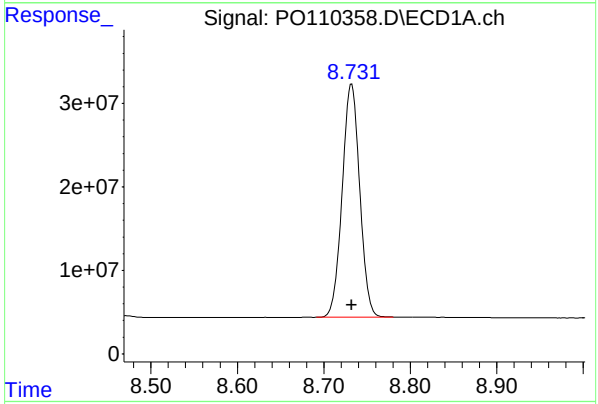
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 444994526
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



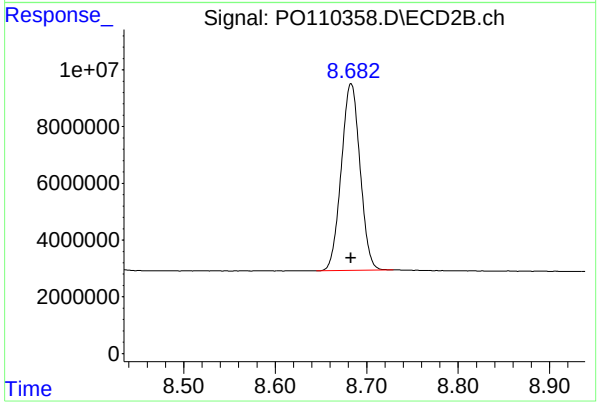
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 250927877
Conc: 50.00 ng/ml



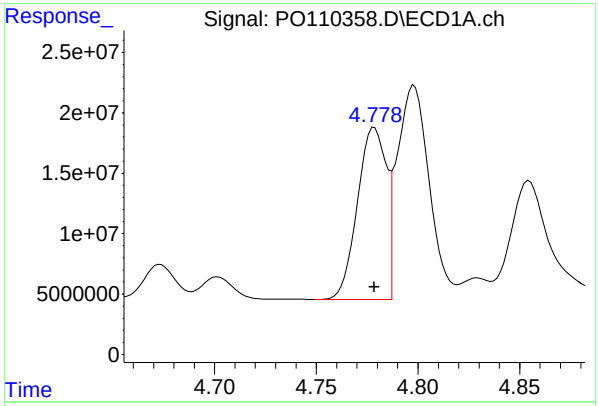
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 392237800
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

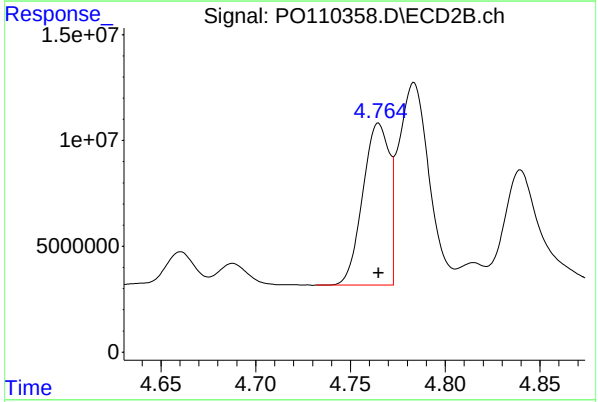
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 93891957
Conc: 50.00 ng/ml



#16 AR-1242-1

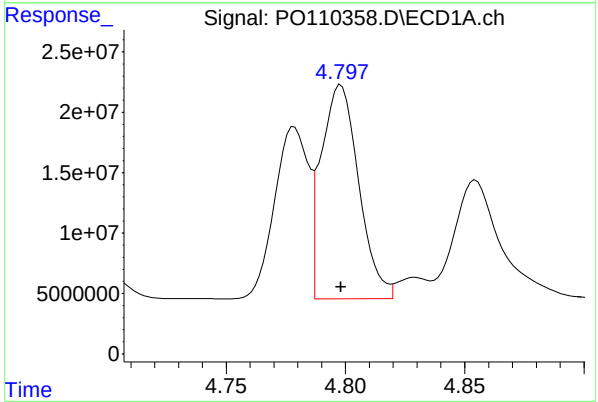
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 140398326
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



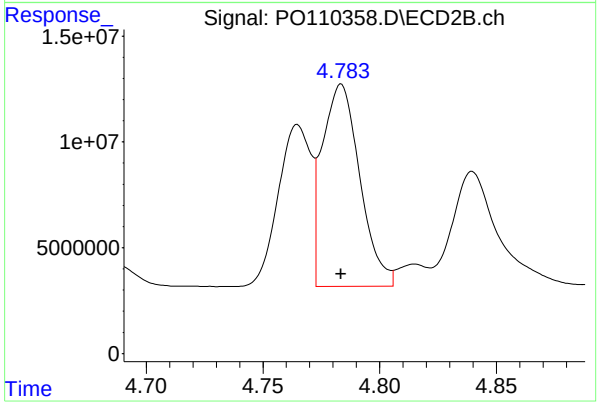
#16 AR-1242-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 74484875
Conc: 500.00 ng/ml



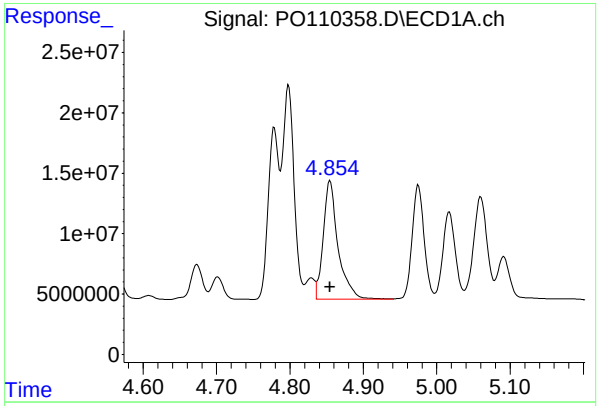
#17 AR-1242-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 193906918
Conc: 500.00 ng/ml



#17 AR-1242-2

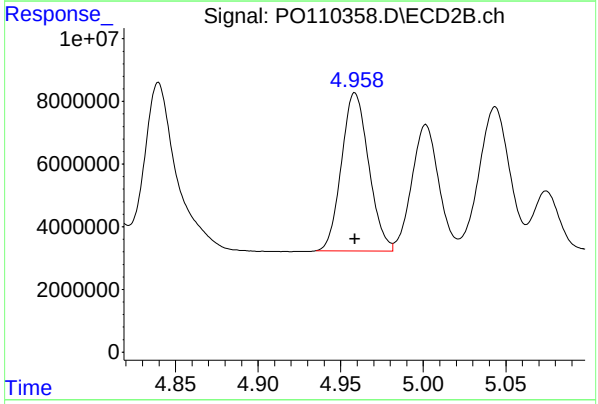
R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 107218849
Conc: 500.00 ng/ml



#18 AR-1242-3

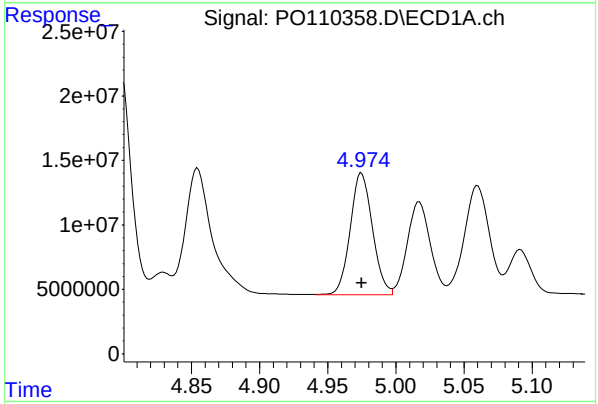
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 137936830
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



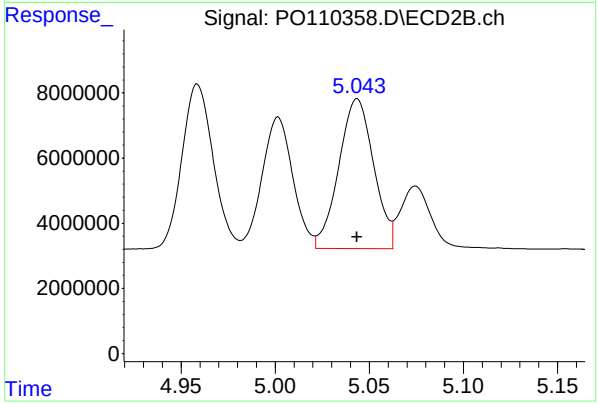
#18 AR-1242-3

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 57946521
Conc: 500.00 ng/ml



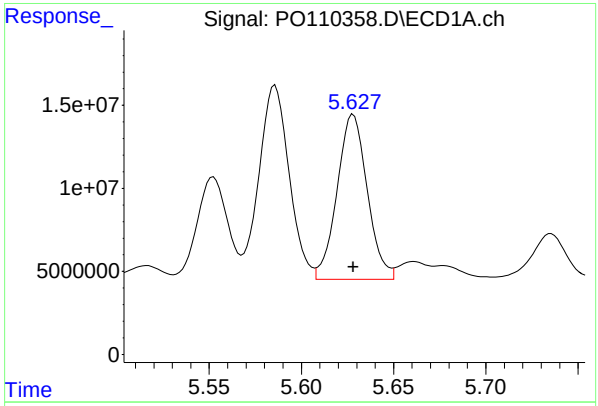
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 107068171
Conc: 500.00 ng/ml



#19 AR-1242-4

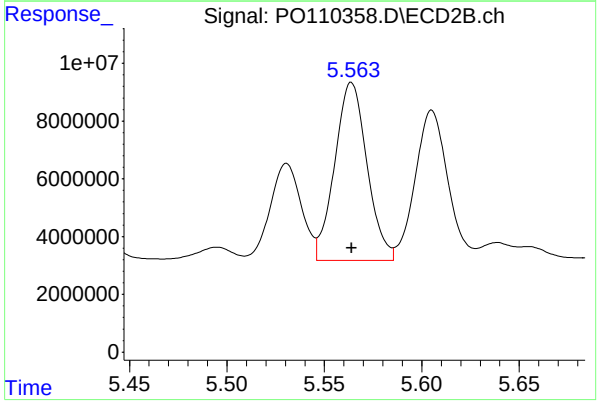
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 59411329
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 112880165
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 71202904
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:39
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:51:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:51:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	224.9E6	127.8E6	25.741	25.901
2)	SA Decachlor...	8.732	8.684	204.7E6	50443721	26.551	27.716
	Target Compounds						
16)	L4 AR-1242-1	4.779	4.766	74380905	39467591	271.708	269.813
17)	L4 AR-1242-2	4.799	4.785	100.8E6	56229093	263.544	266.549
18)	L4 AR-1242-3	4.855	4.960	73089348	30705869	265.380	270.338
19)	L4 AR-1242-4	4.975	5.045	56349611	32190259	269.168	277.198
20)	L4 AR-1242-5	5.627	5.565	59802630	38560049	271.435	275.255

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

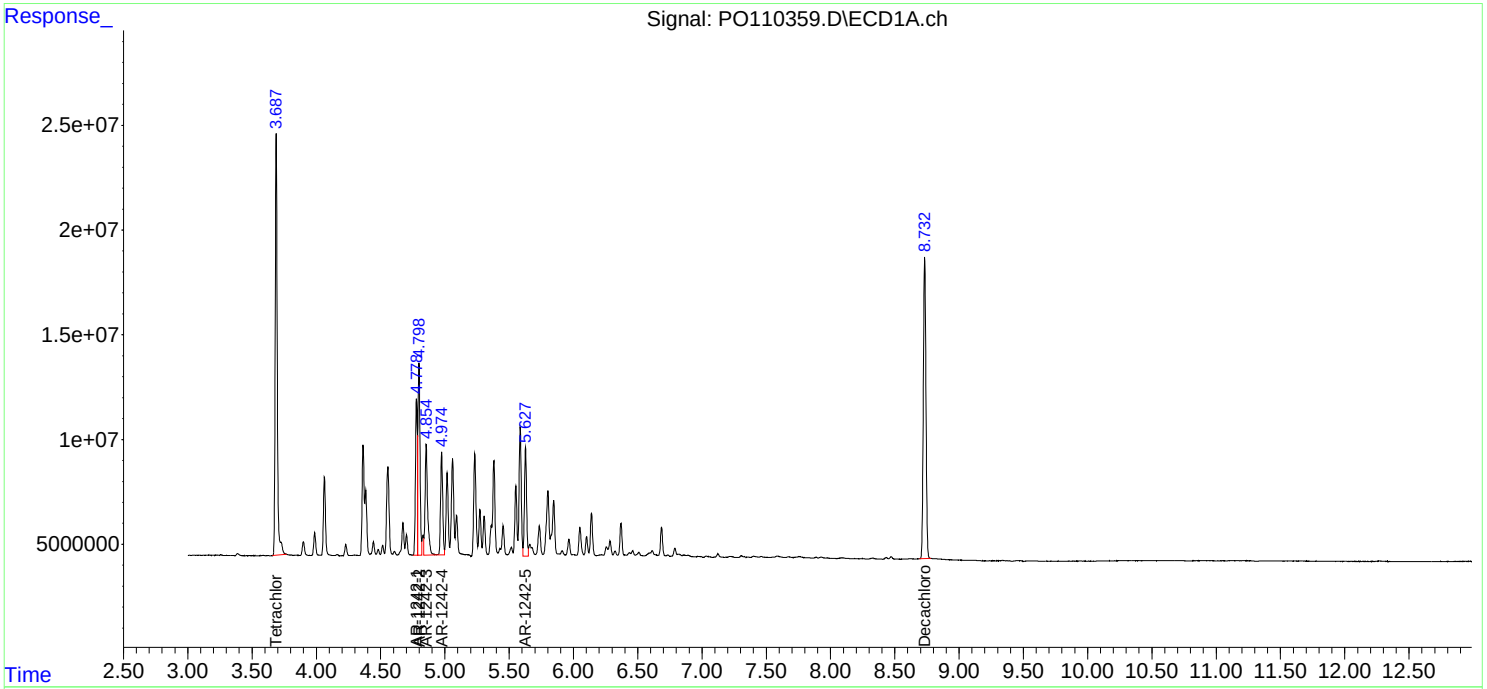
ICAL Form

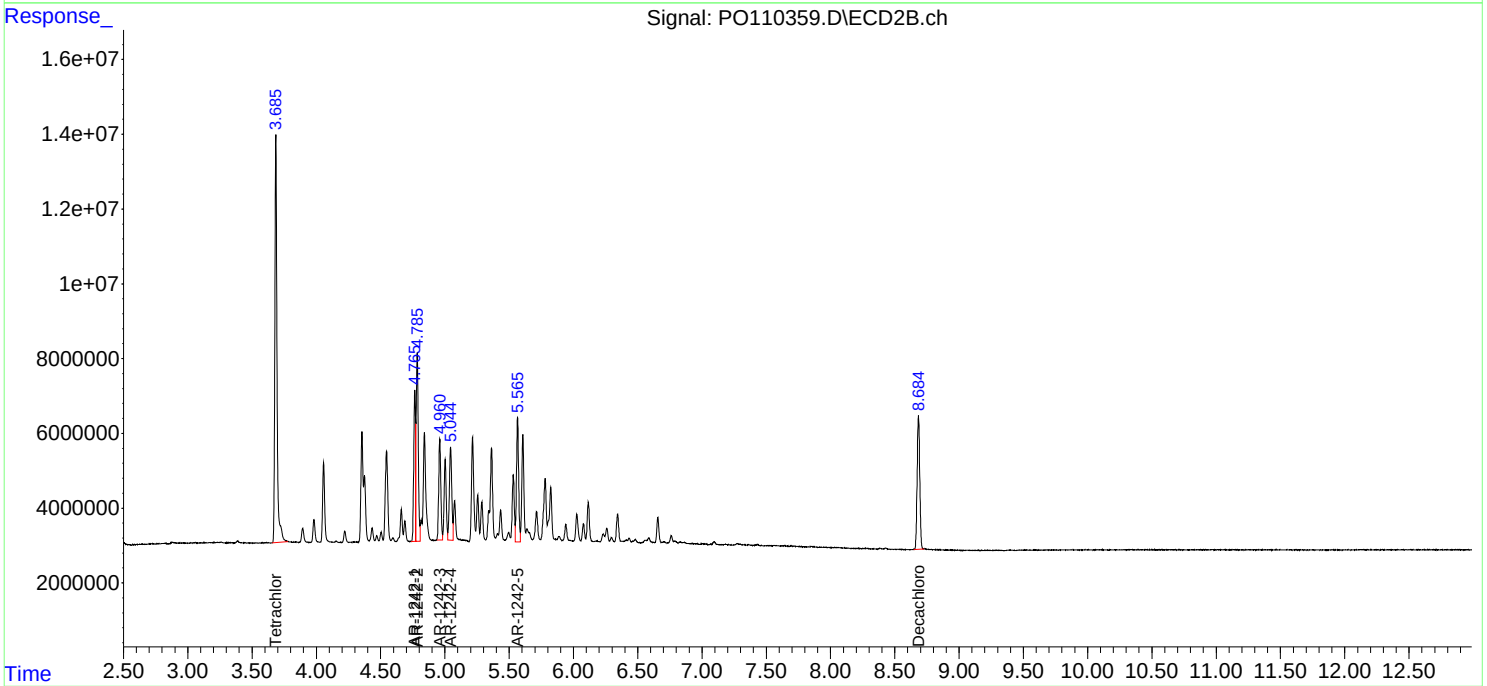
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:39
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

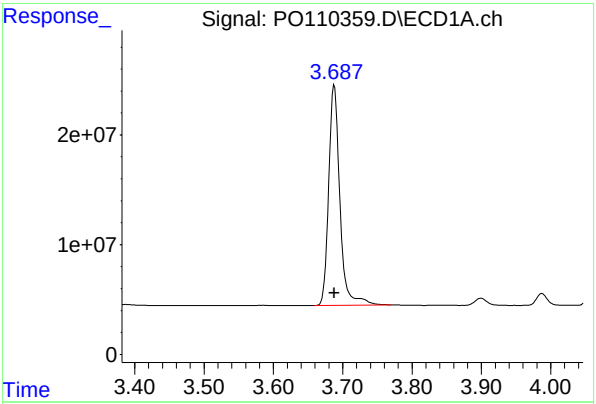
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 12:51:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 12:51:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



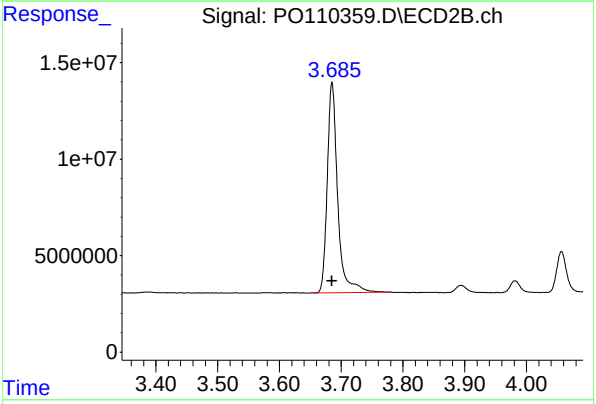




#1 Tetrachloro-m-xylene

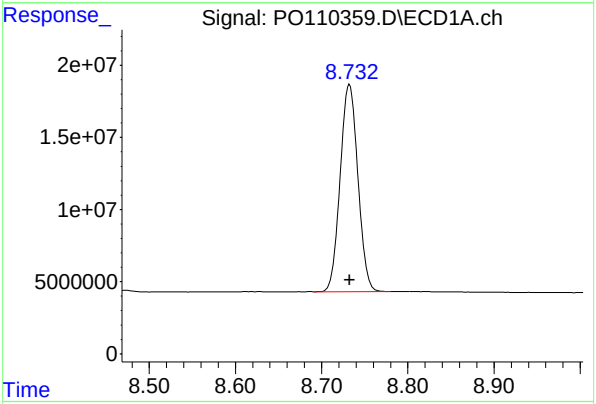
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 224861129
Conc: 25.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



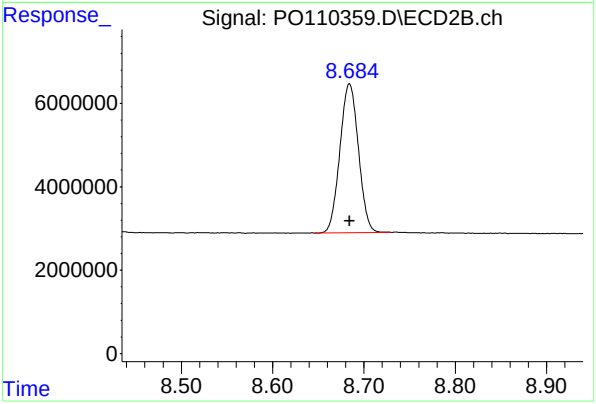
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 127817855
Conc: 25.90 ng/ml



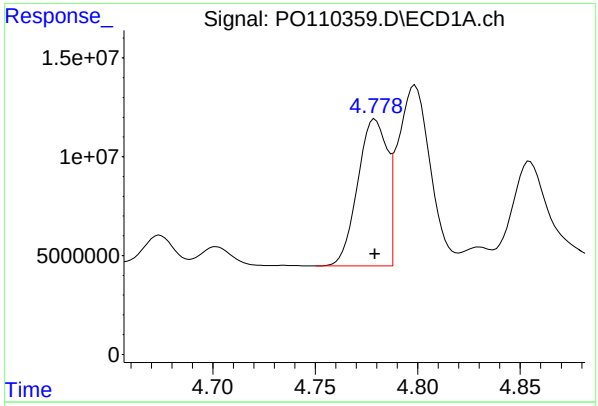
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 204715334
Conc: 26.55 ng/ml



#2 Decachlorobiphenyl

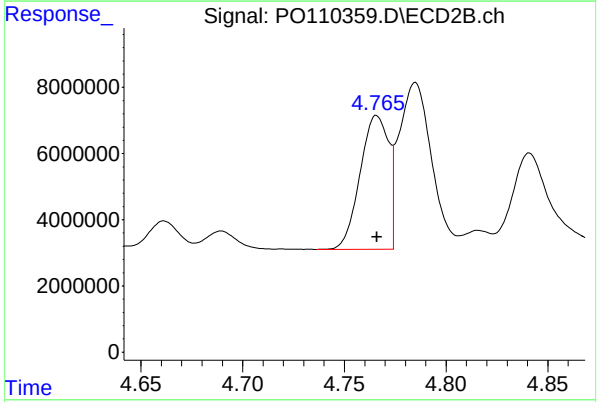
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 50443721
Conc: 27.72 ng/ml



#16 AR-1242-1

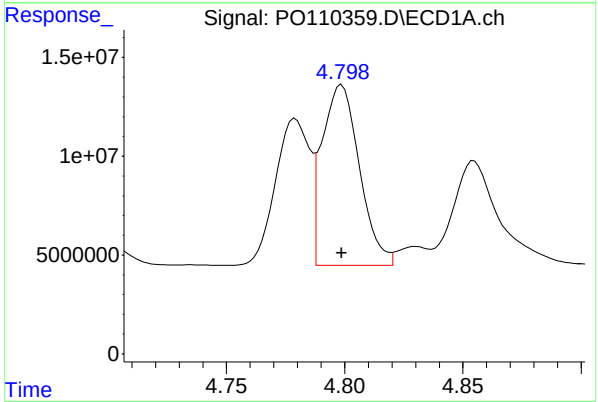
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 74380905
Conc: 271.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



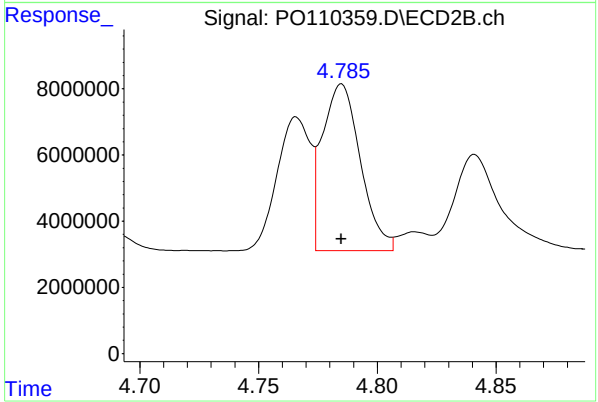
#16 AR-1242-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 39467591
Conc: 269.81 ng/ml



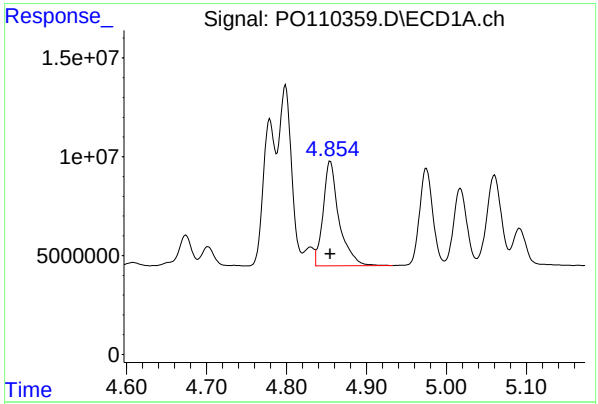
#17 AR-1242-2

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 100791009
Conc: 263.54 ng/ml



#17 AR-1242-2

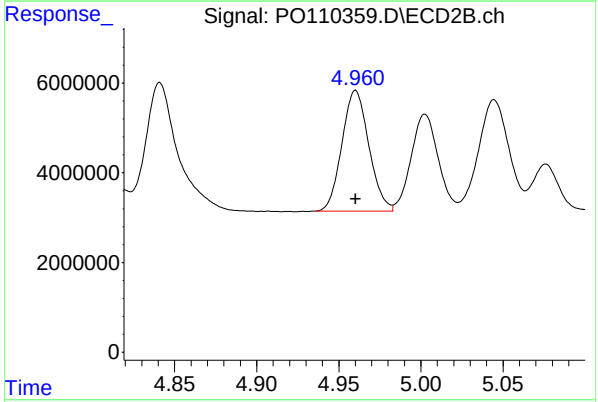
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 56229093
Conc: 266.55 ng/ml



#18 AR-1242-3

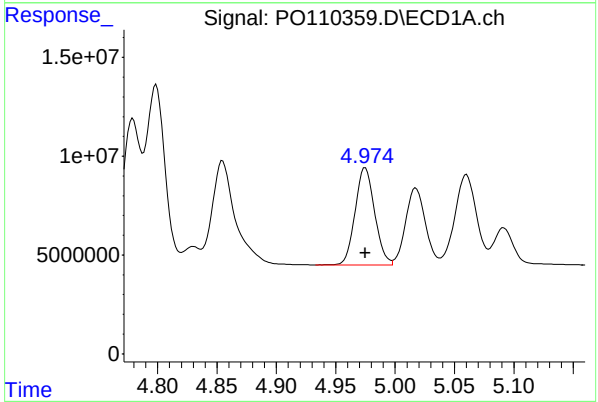
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 73089348
Conc: 265.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



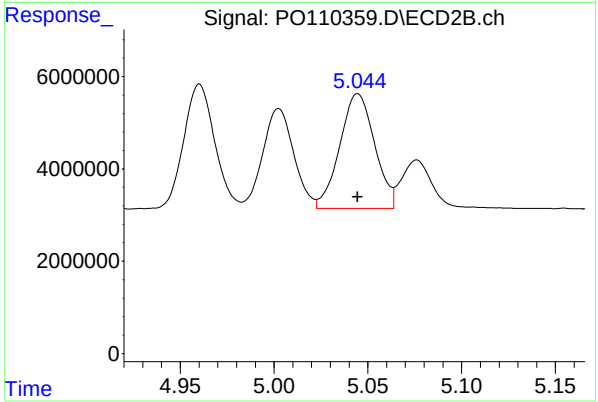
#18 AR-1242-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 30705869
Conc: 270.34 ng/ml



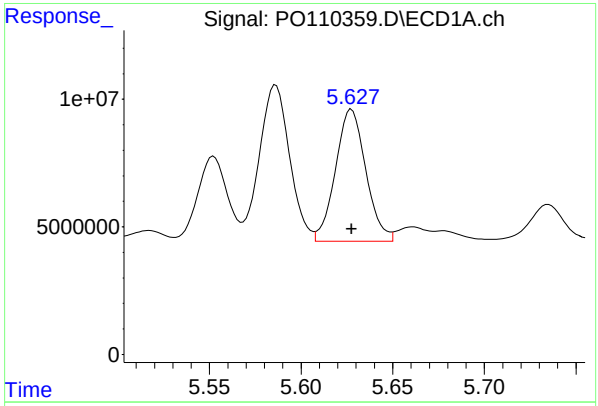
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 56349611
Conc: 269.17 ng/ml



#19 AR-1242-4

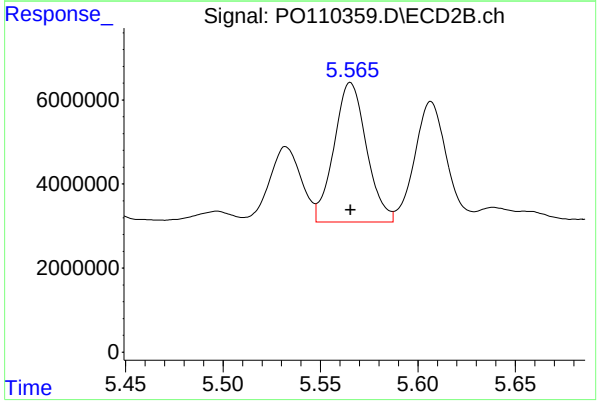
R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 32190259
Conc: 277.20 ng/ml



#20 AR-1242-5

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 59802630
Conc: 271.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 38560049
Conc: 275.25 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:58
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 13:08:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 13:07:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	40144674	23927704	4.671	4.878
2)	SA Decachlor...	8.732	8.683	41703697	10219031	5.322	5.480
	Target Compounds						
16)	L4 AR-1242-1	4.779	4.765	14632790	8120107	52.724	54.314
17)	L4 AR-1242-2	4.798	4.784	19954532	11150308	51.726	52.260
18)	L4 AR-1242-3	4.854	4.959	14467594	6178953	52.004	53.459
19)	L4 AR-1242-4	4.975	5.044	10972399	6799320	51.912	56.614
20)	L4 AR-1242-5	5.628	5.564	12534403	8256494	55.366	56.903

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

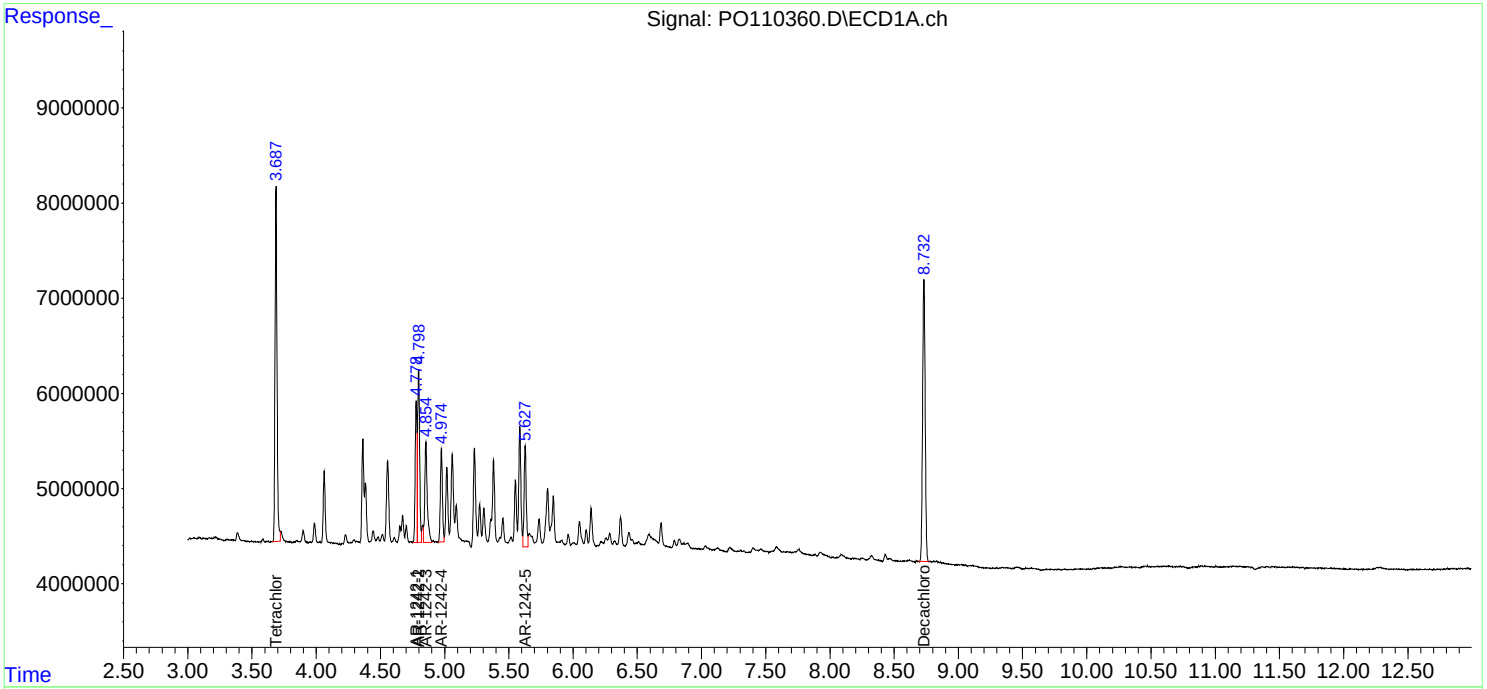
ICAL Form

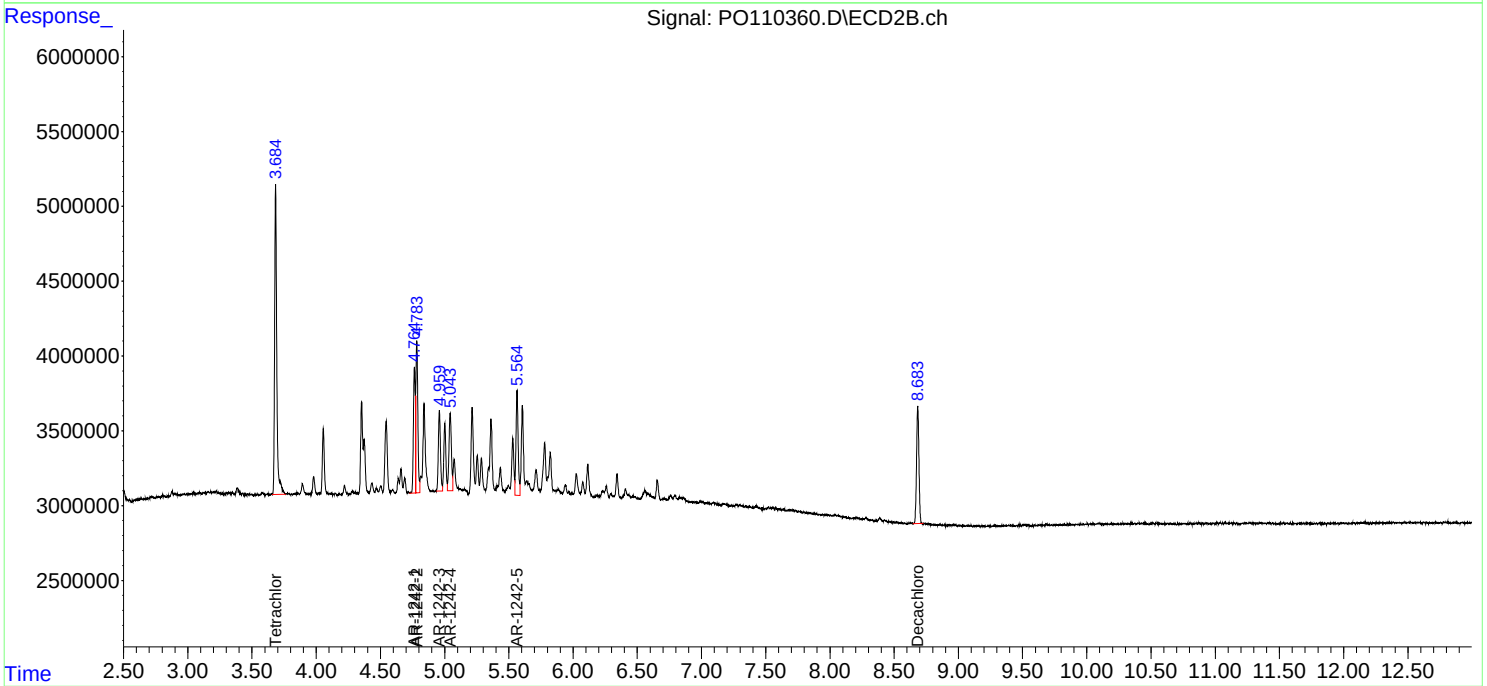
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:58
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

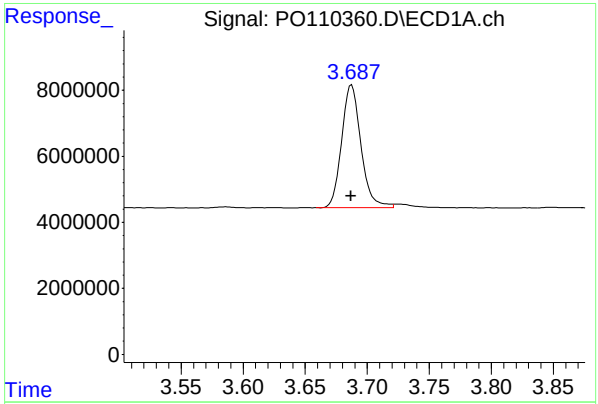
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 13:08:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 13:07:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



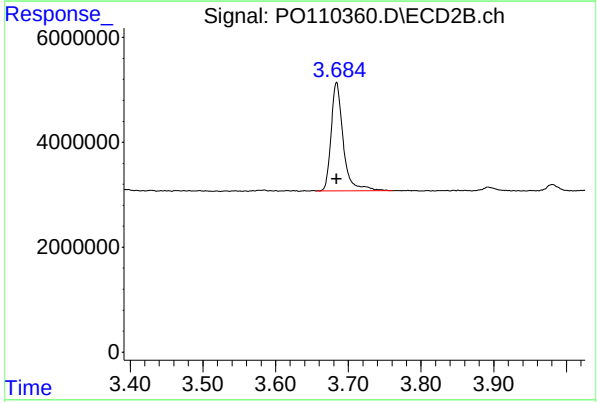




#1 Tetrachloro-m-xylene

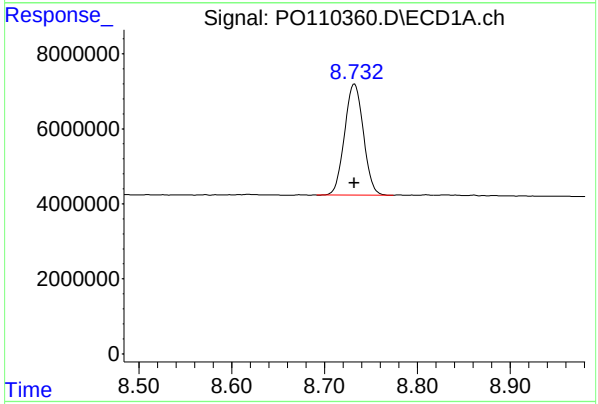
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 40144674
Conc: 4.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



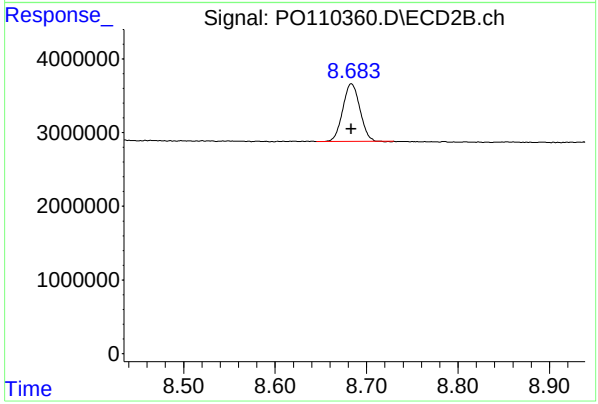
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 23927704
Conc: 4.88 ng/ml



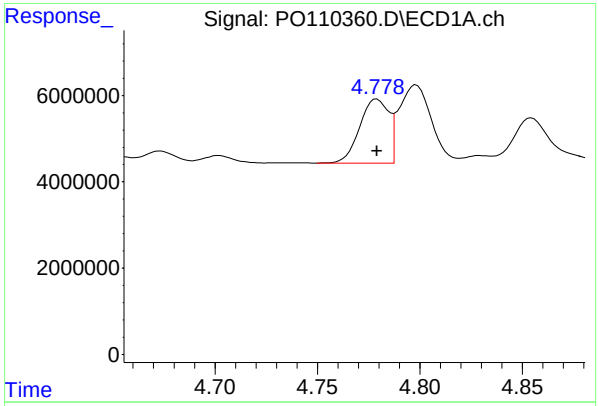
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 41703697
Conc: 5.32 ng/ml



#2 Decachlorobiphenyl

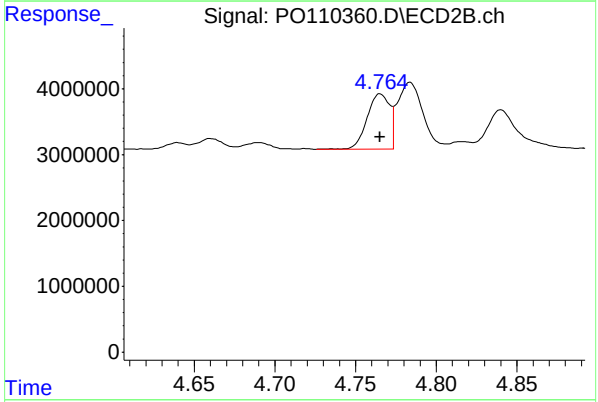
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 10219031
Conc: 5.48 ng/ml



#16 AR-1242-1

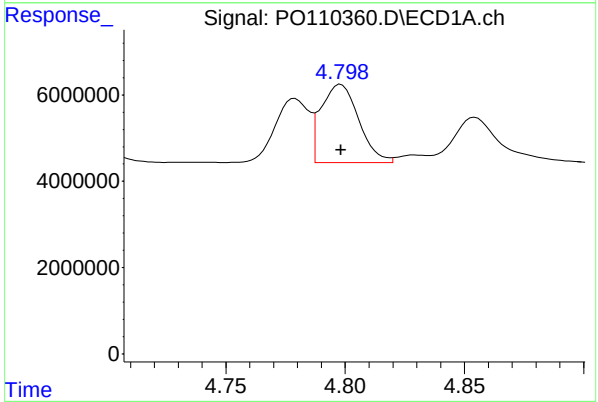
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 14632790
Conc: 52.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



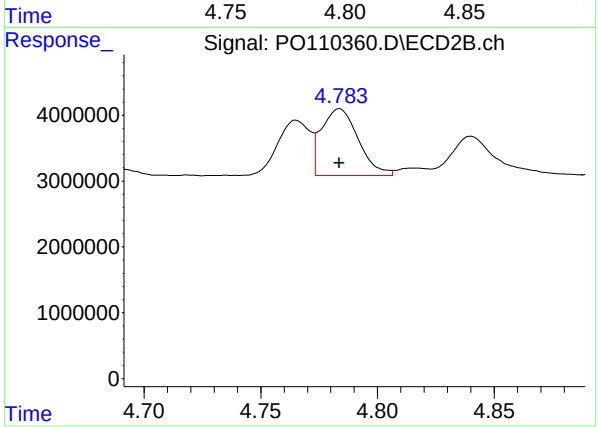
#16 AR-1242-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 8120107
Conc: 54.31 ng/ml



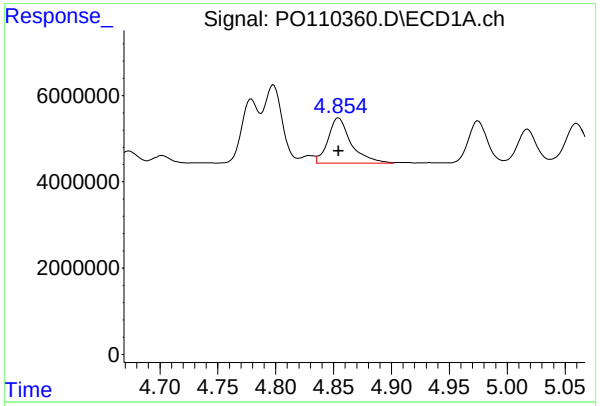
#17 AR-1242-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 19954532
Conc: 51.73 ng/ml



#17 AR-1242-2

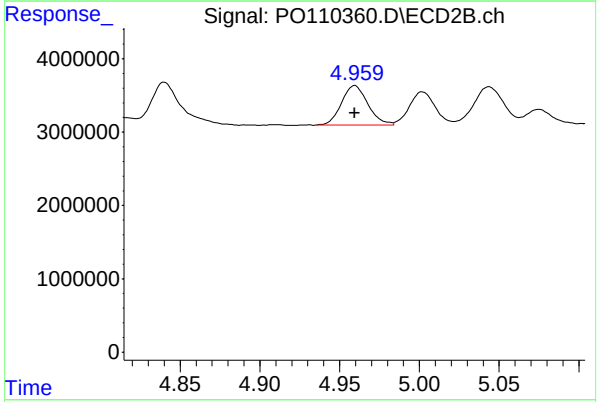
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 11150308
Conc: 52.26 ng/ml



#18 AR-1242-3

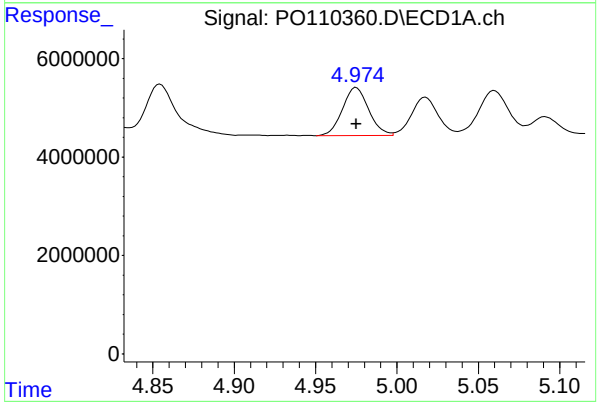
R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 14467594
Conc: 52.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



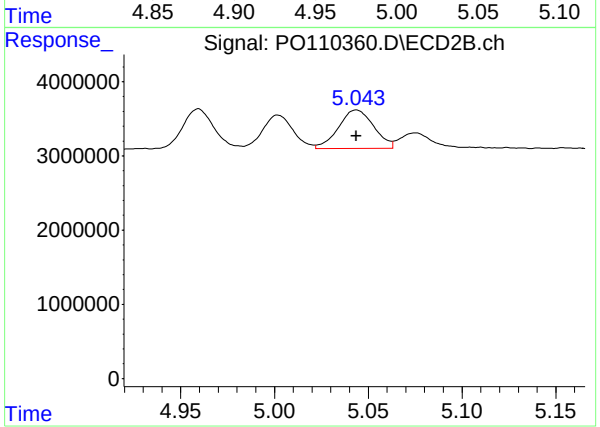
#18 AR-1242-3

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 6178953
Conc: 53.46 ng/ml



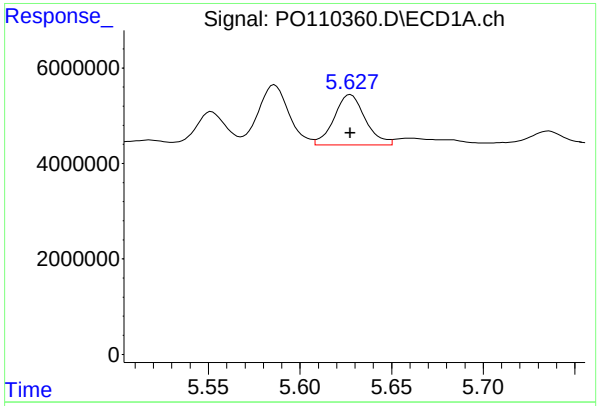
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 10972399
Conc: 51.91 ng/ml



#19 AR-1242-4

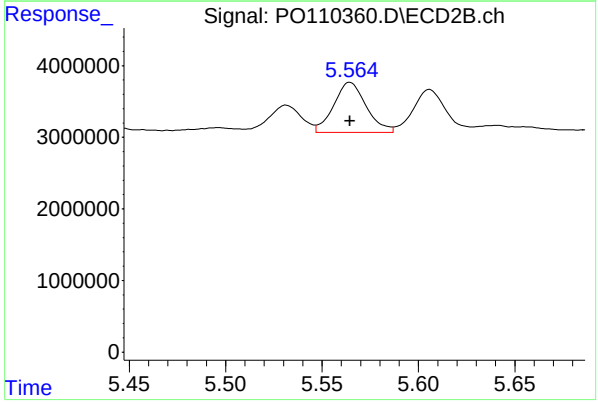
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 6799320
Conc: 56.61 ng/ml



#20 AR-1242-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 12534403
Conc: 55.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 8256494
Conc: 56.90 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:16
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:06:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.685	857.2E6	482.8E6	97.792	97.864
2)	SA Decachlor...	8.731	8.684	742.3E6	170.8E6	96.063	94.678
	Target Compounds						
21)	L5 AR-1248-1	4.779	4.765	197.4E6	105.8E6	950.625	949.399
22)	L5 AR-1248-2	5.017	5.001	269.7E6	147.0E6	946.388	943.970
23)	L5 AR-1248-3	5.233	5.043	336.7E6	157.5E6	949.716	945.079
24)	L5 AR-1248-4	5.586	5.214	480.1E6	185.6E6	956.437	952.264
25)	L5 AR-1248-5	5.627	5.606	340.6E6	181.9E6	955.211	957.967

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

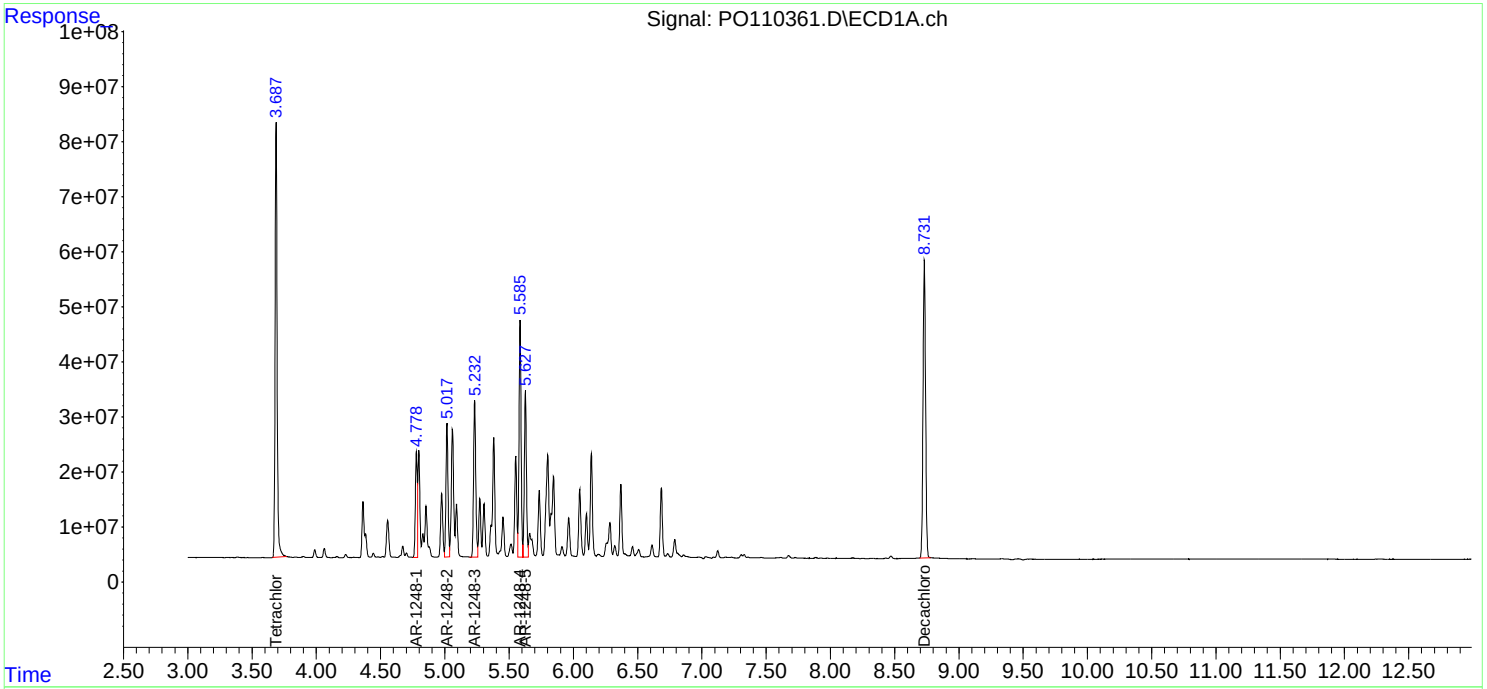
ICAL Form

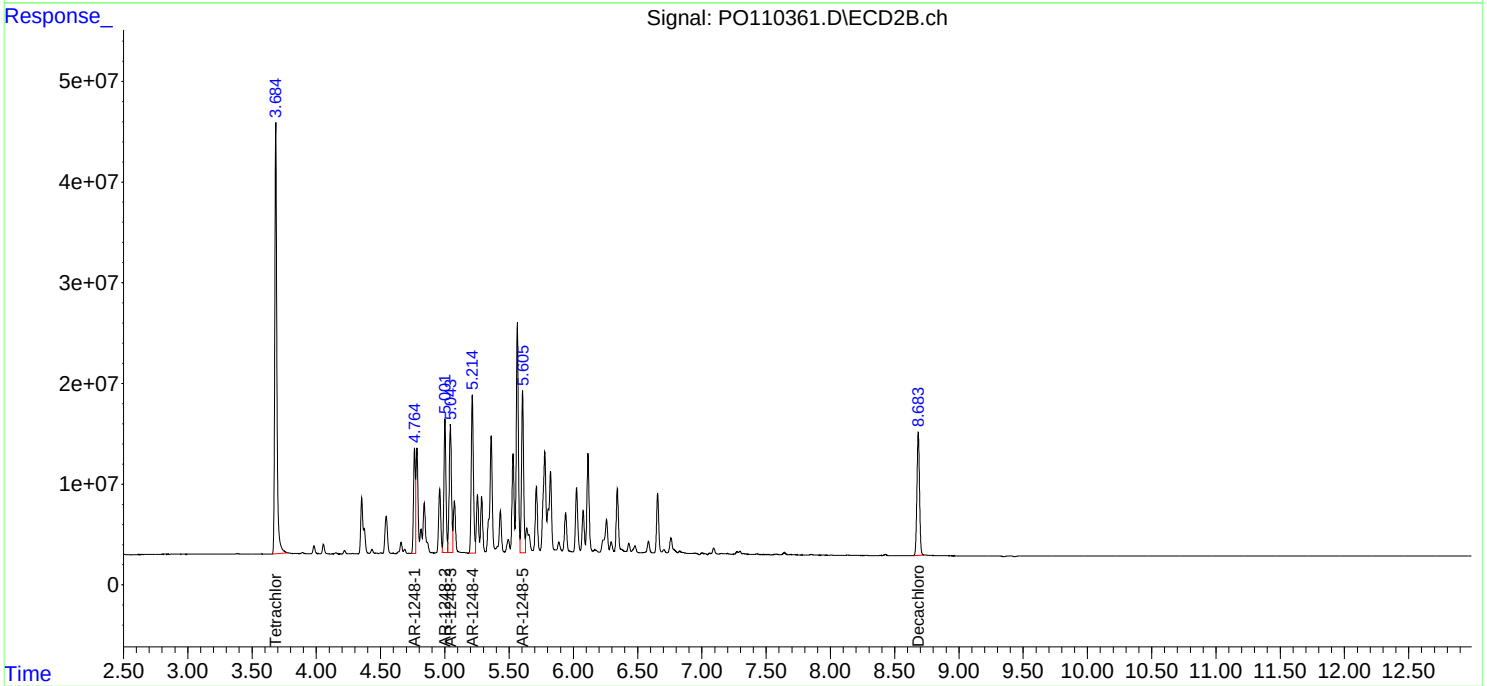
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:16
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

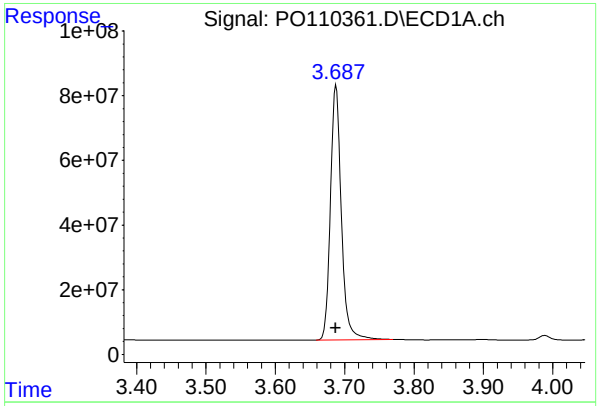
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:06:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



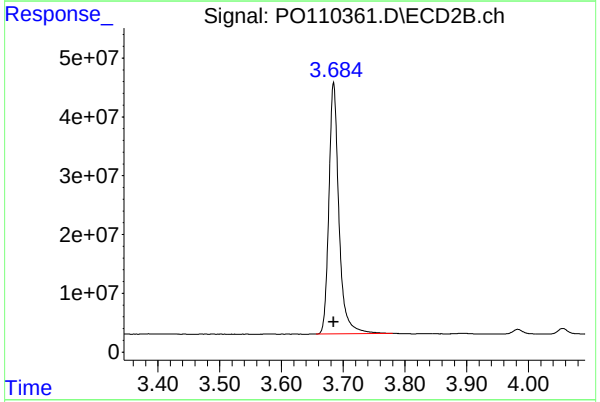




#1 Tetrachloro-m-xylene

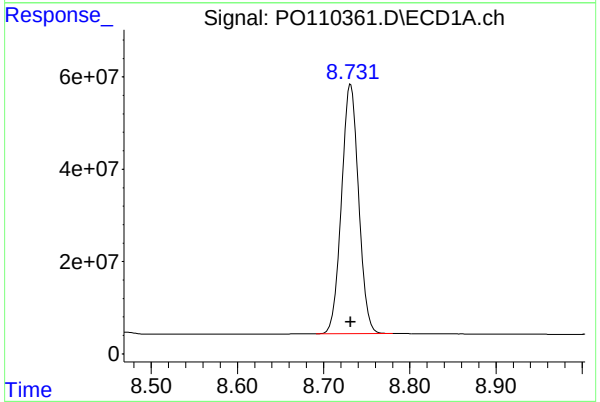
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 857217740
Conc: 97.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



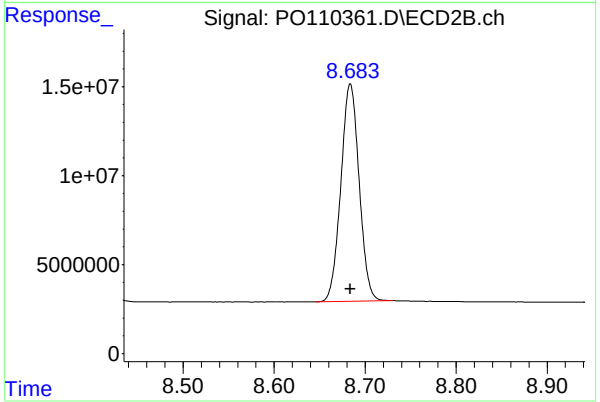
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 482790827
Conc: 97.86 ng/ml



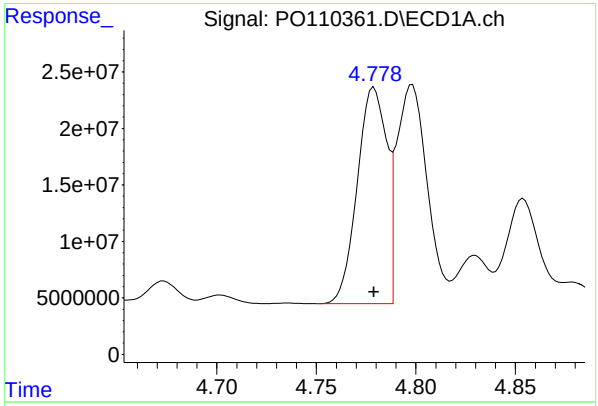
#2 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 742336789
Conc: 96.06 ng/ml



#2 Decachlorobiphenyl

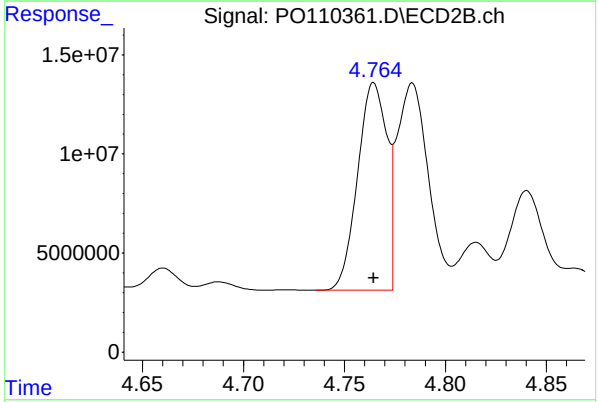
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 170828178
Conc: 94.68 ng/ml



#21 AR-1248-1

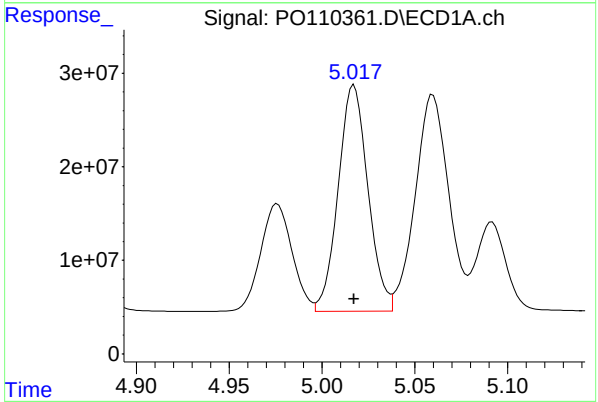
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 197377890
Conc: 950.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



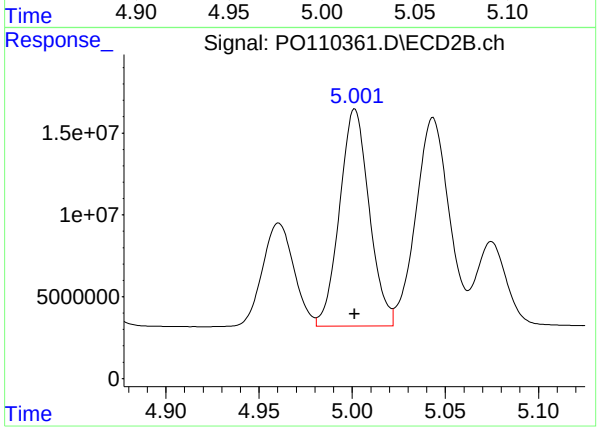
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 105821161
Conc: 949.40 ng/ml



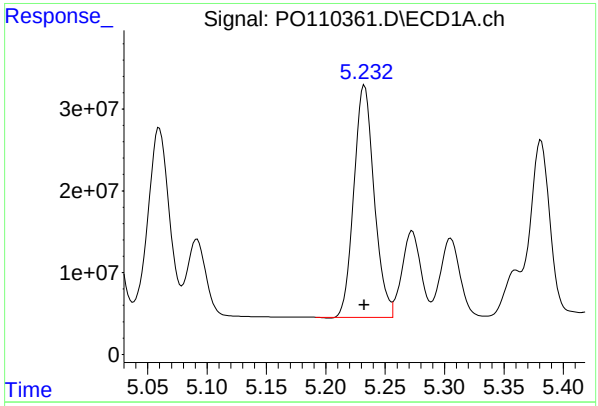
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 269669918
Conc: 946.39 ng/ml



#22 AR-1248-2

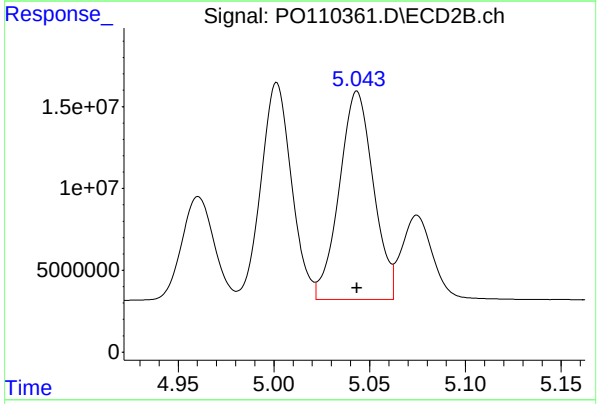
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 147033899
Conc: 943.97 ng/ml



#23 AR-1248-3

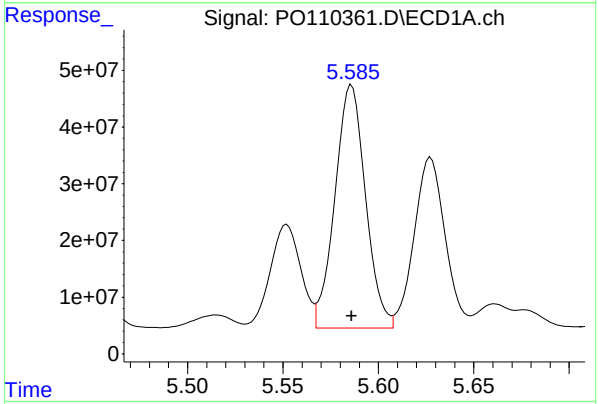
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 336662132
Conc: 949.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



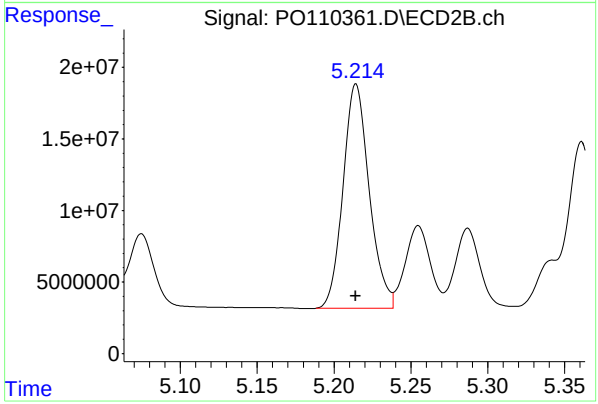
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 157542784
Conc: 945.08 ng/ml



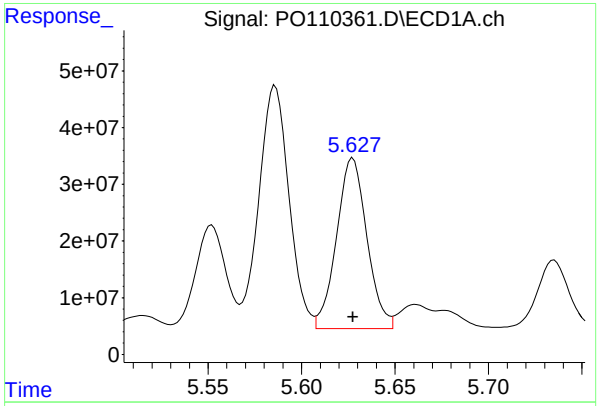
#24 AR-1248-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 480139637
Conc: 956.44 ng/ml



#24 AR-1248-4

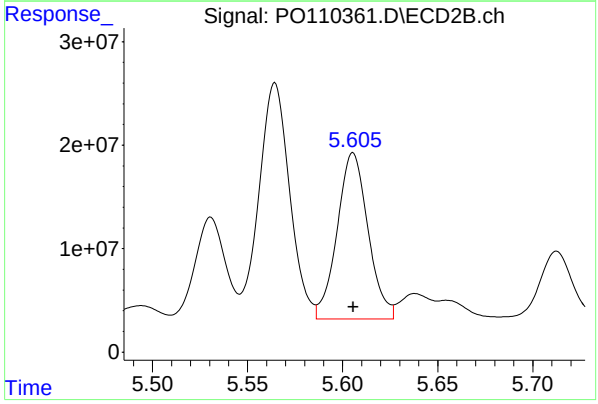
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 185573916
Conc: 952.26 ng/ml



#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: 0.000 mi
Response: 340550967
Conc: 955.21 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 181941821
Conc: 957.97 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:35
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:08:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.688	3.685	650.6E6	365.5E6	74.481	74.396
2) SA	Decachlor...	8.733	8.685	575.0E6	131.4E6	74.605	73.547
	Target Compounds						
21) L5	AR-1248-1	4.779	4.765	154.3E6	83273178	745.481	748.067
22) L5	AR-1248-2	5.017	5.002	210.8E6	115.1E6	743.133	742.489
23) L5	AR-1248-3	5.232	5.044	264.1E6	123.2E6	746.588	742.651
24) L5	AR-1248-4	5.586	5.215	372.9E6	144.5E6	745.252	744.242
25) L5	AR-1248-5	5.627	5.606	265.1E6	140.5E6	745.654	743.111

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

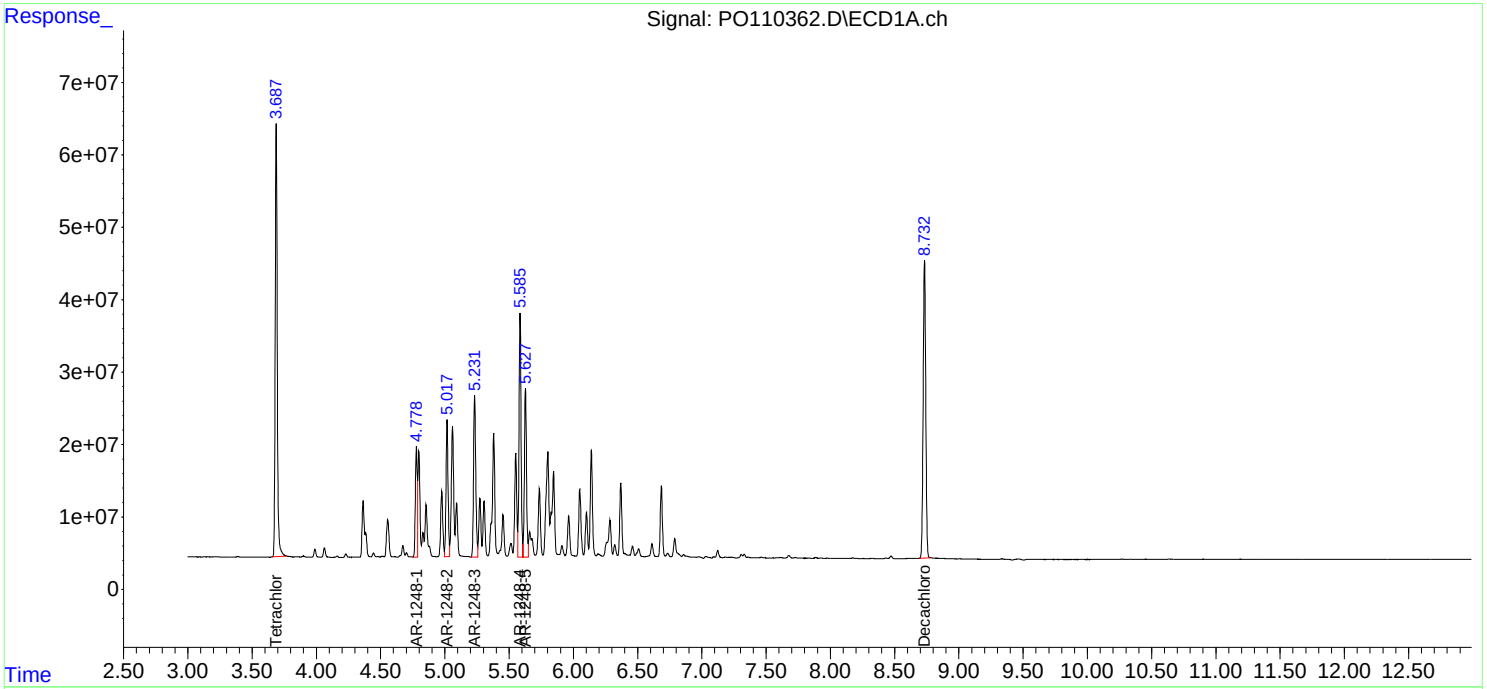
ICAL Form

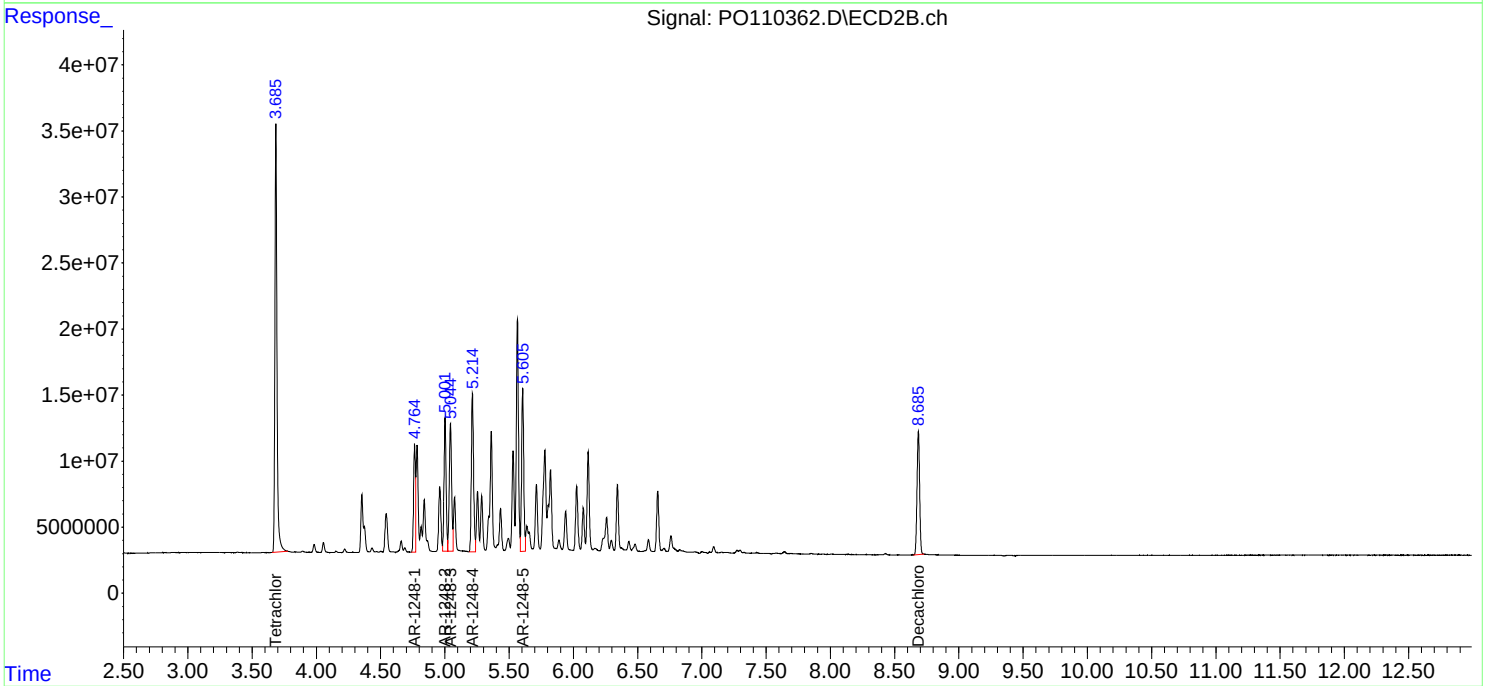
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:35
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

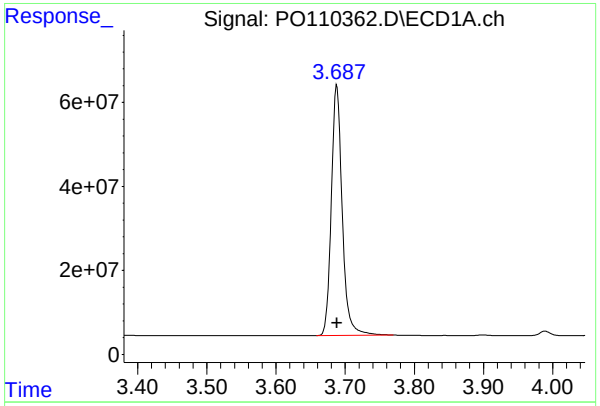
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:08:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



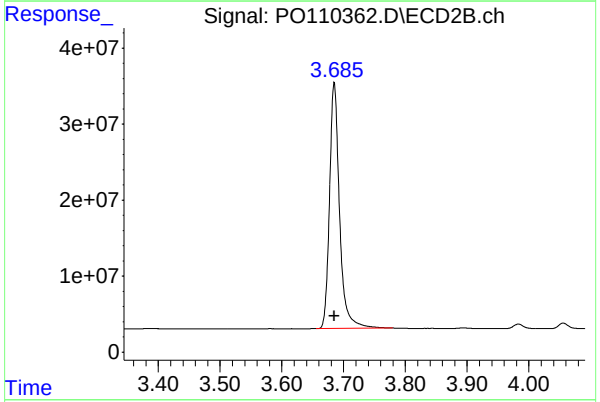




#1 Tetrachloro-m-xylene

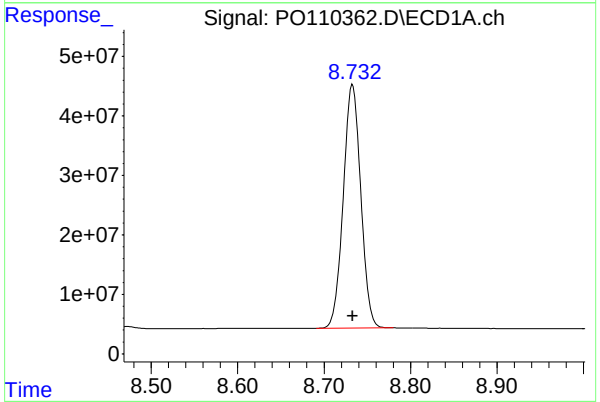
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 650631933
Conc: 74.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



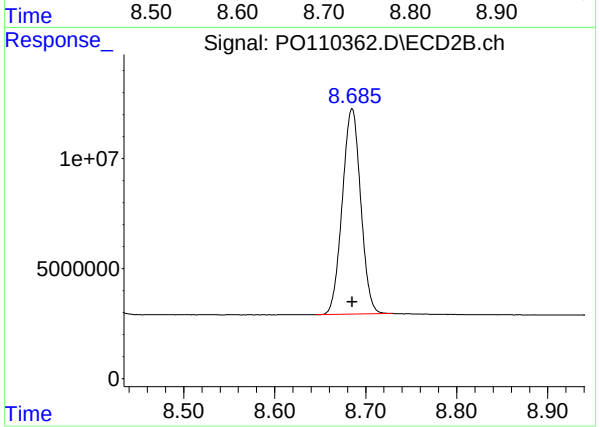
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 365548178
Conc: 74.40 ng/ml



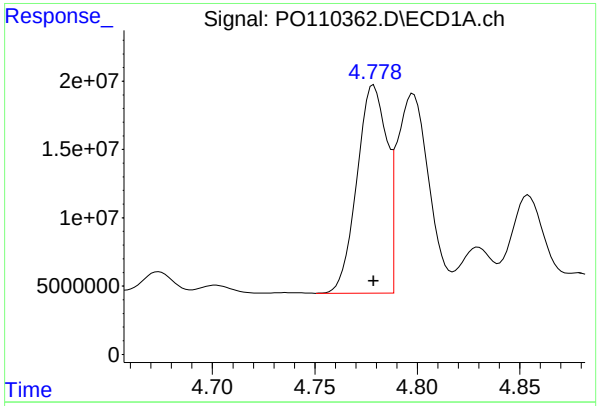
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 574998503
Conc: 74.60 ng/ml



#2 Decachlorobiphenyl

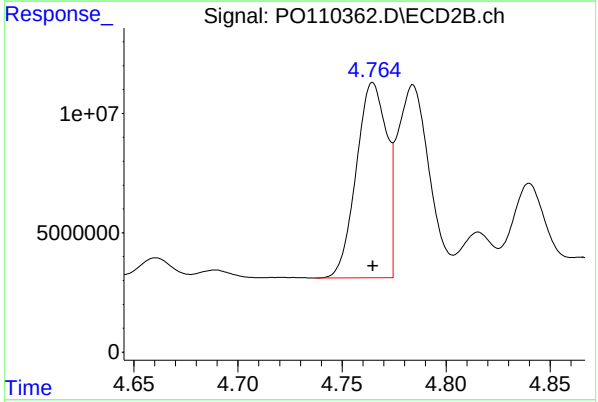
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 131428252
Conc: 73.55 ng/ml



#21 AR-1248-1

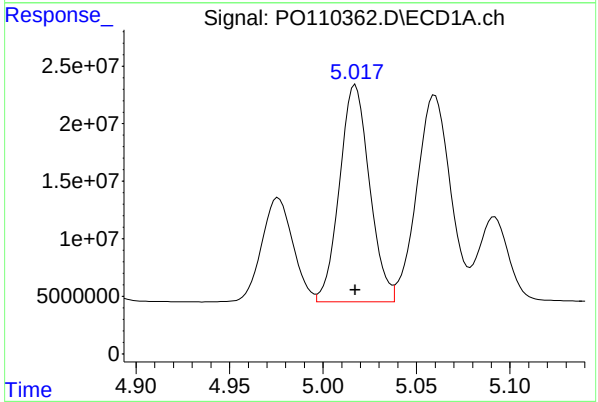
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 154318833
Conc: 745.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



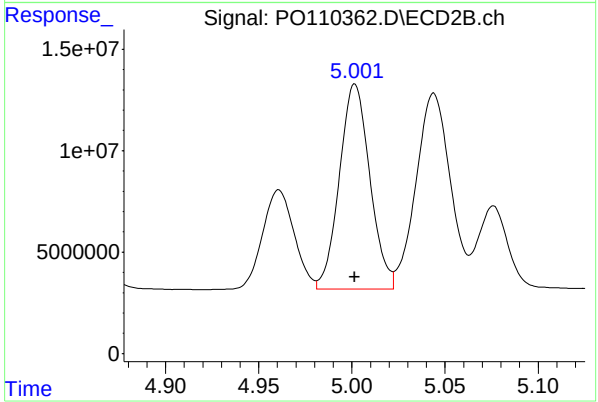
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 83273178
Conc: 748.07 ng/ml



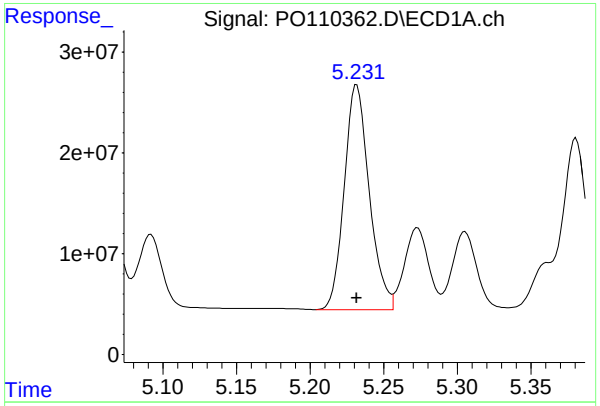
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 210788058
Conc: 743.13 ng/ml



#22 AR-1248-2

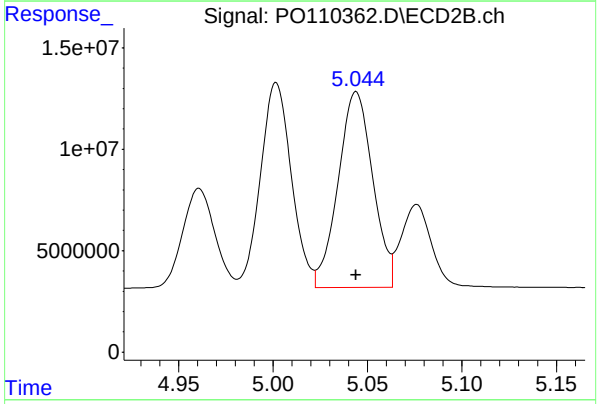
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 115074831
Conc: 742.49 ng/ml



#23 AR-1248-3

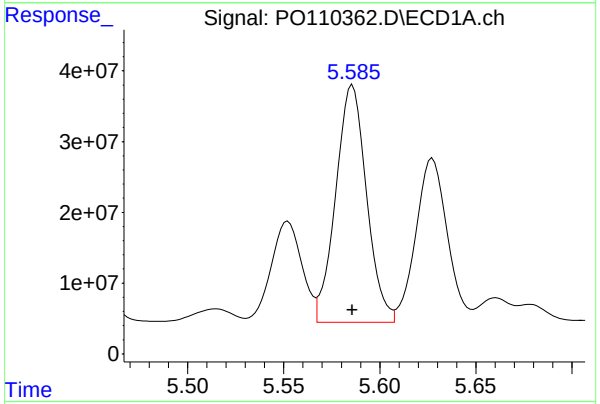
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 264055417
Conc: 746.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



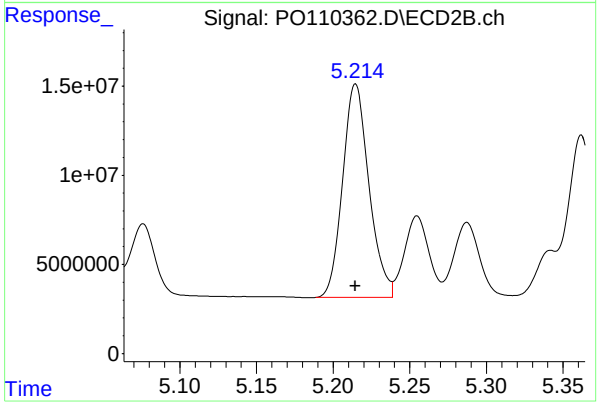
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 123194788
Conc: 742.65 ng/ml



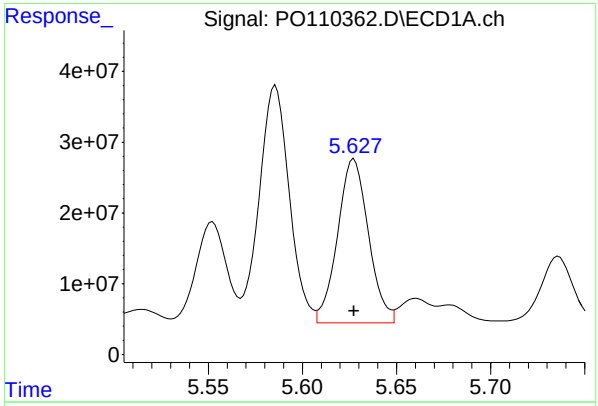
#24 AR-1248-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 372942670
Conc: 745.25 ng/ml



#24 AR-1248-4

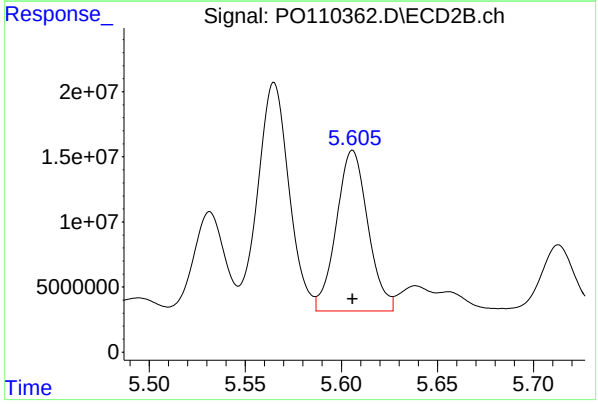
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 144480618
Conc: 744.24 ng/ml



#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: 0.000 mi
Response: 265071795
Conc: 745.65 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 140490252
Conc: 743.11 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:53
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:03:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.685	448.0E6	251.9E6	50.000	50.000
2)	SA Decachlor...	8.732	8.685	401.6E6	95016625	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.779	4.765	108.9E6	58550593	500.000	500.000
22)	L5 AR-1248-2	5.017	5.002	150.1E6	82244273	500.000	500.000
23)	L5 AR-1248-3	5.232	5.044	186.2E6	87926534	500.000	500.000
24)	L5 AR-1248-4	5.586	5.215	261.9E6	102.1E6	500.000	500.000
25)	L5 AR-1248-5	5.628	5.606	186.2E6	98954091	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

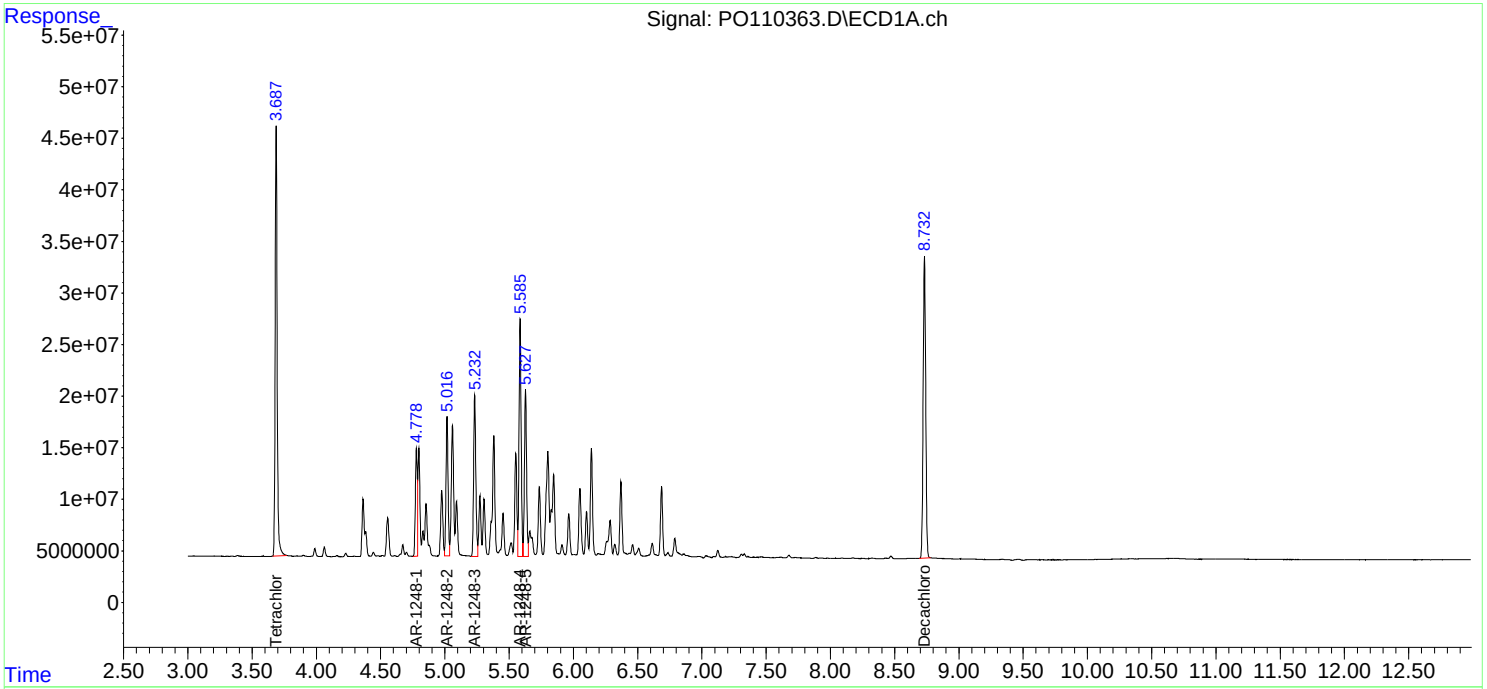
ICAL Form

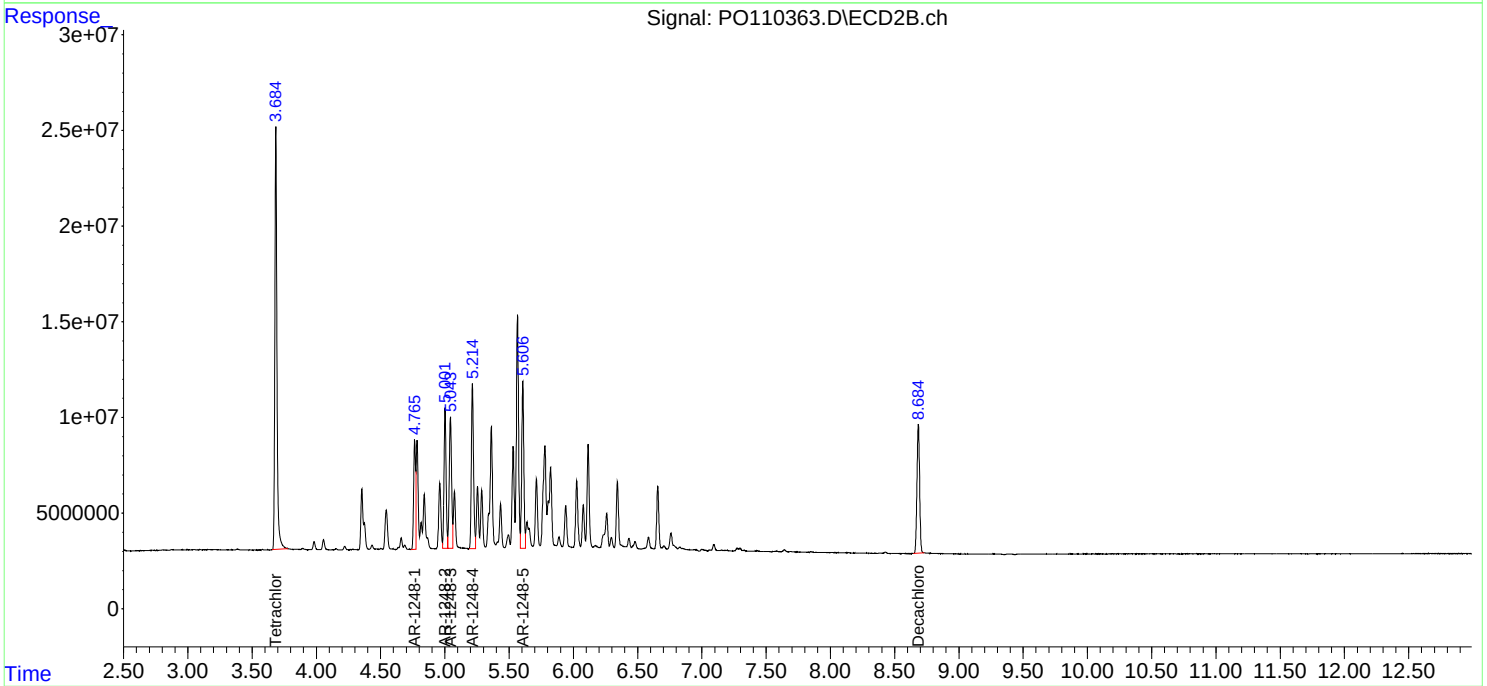
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 13:53
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

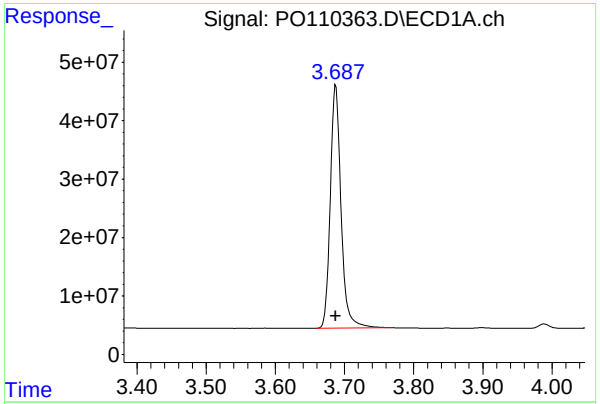
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:03:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:03:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



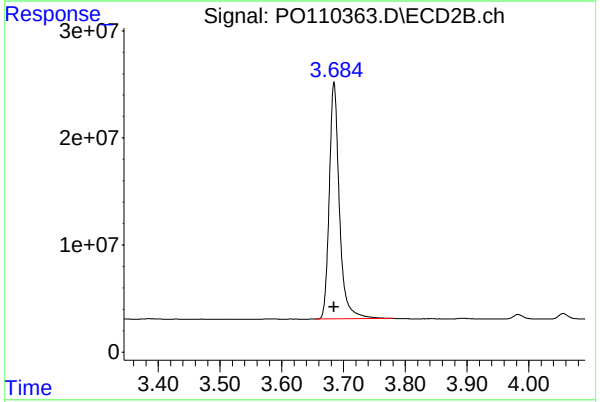




#1 Tetrachloro-m-xylene

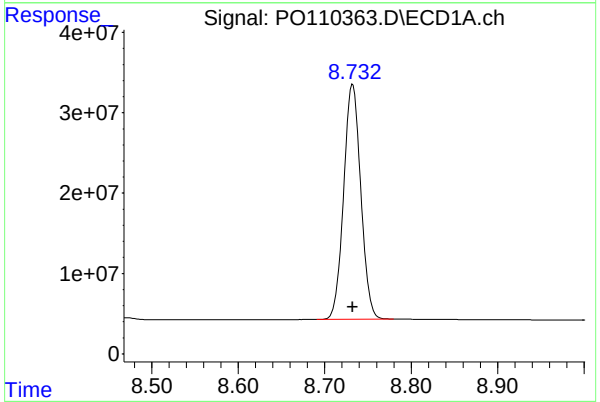
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 447959162
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



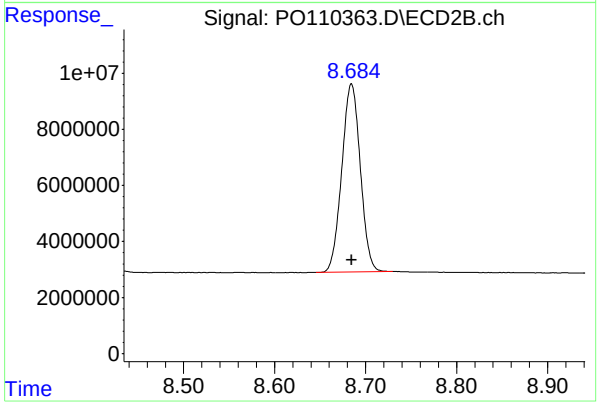
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 251933187
Conc: 50.00 ng/ml



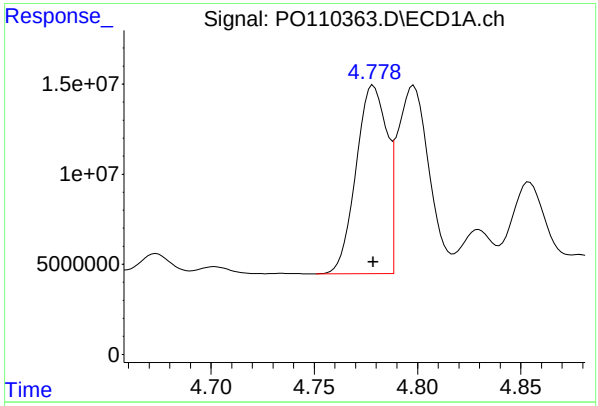
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 401588257
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

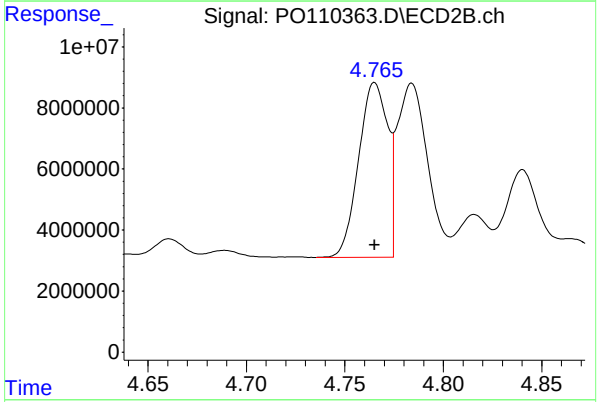
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 95016625
Conc: 50.00 ng/ml



#21 AR-1248-1

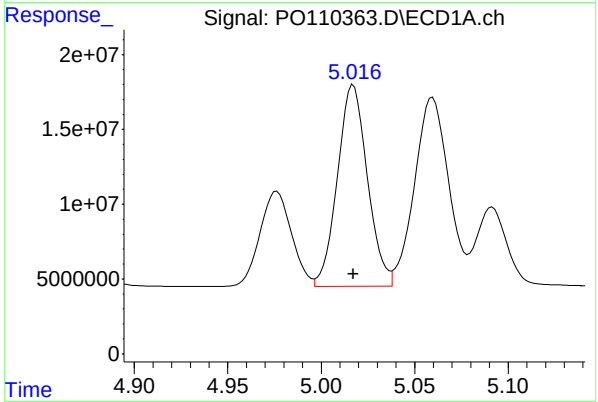
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 108940585
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



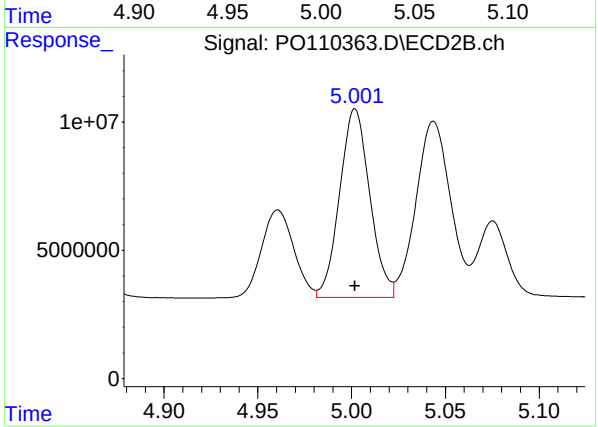
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 58550593
Conc: 500.00 ng/ml



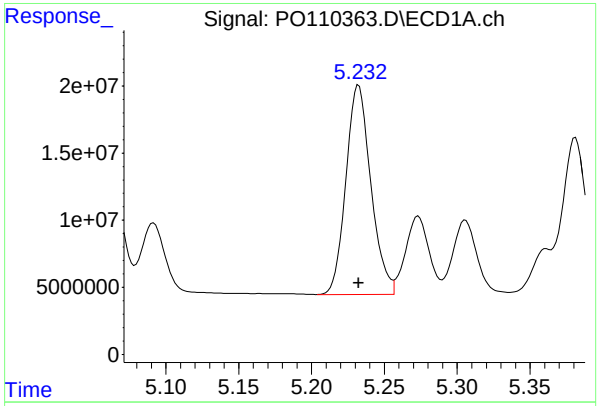
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 150111647
Conc: 500.00 ng/ml



#22 AR-1248-2

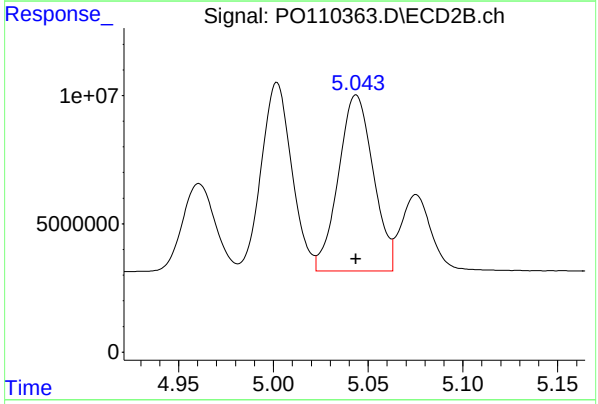
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 82244273
Conc: 500.00 ng/ml



#23 AR-1248-3

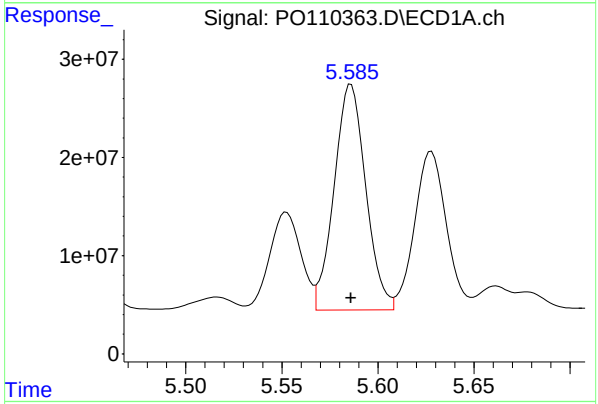
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 186156063
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



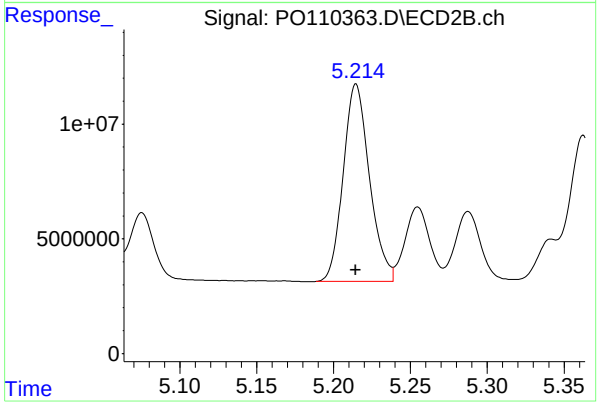
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 87926534
Conc: 500.00 ng/ml



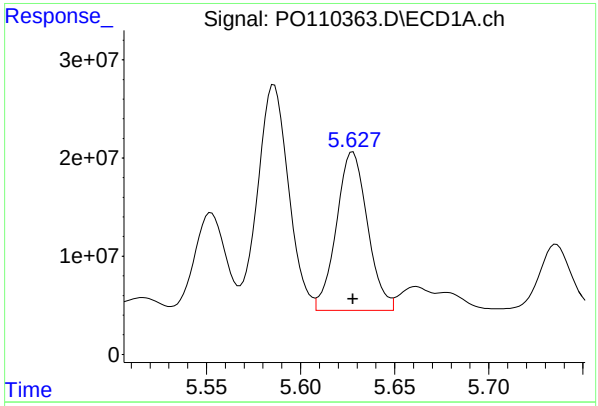
#24 AR-1248-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 261938735
Conc: 500.00 ng/ml



#24 AR-1248-4

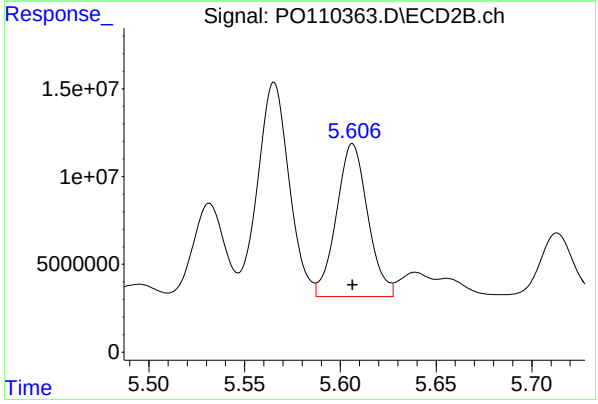
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 102089672
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.628 min
Delta R.T.: 0.000 mi
Response: 186243693
Conc: 500.00 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 98954091
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:11
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:22:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:22:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.688	3.685	221.9E6	124.9E6	25.300	25.319
2) SA	Decachlor...	8.732	8.684	209.6E6	50390082	26.607	27.324
	Target Compounds						
21) L5	AR-1248-1	4.779	4.766	56940091	30514286	268.339	267.663
22) L5	AR-1248-2	5.018	5.002	78187177	43024876	268.755	270.149
23) L5	AR-1248-3	5.232	5.044	100.5E6	46712689	274.798	272.972
24) L5	AR-1248-4	5.586	5.214	138.1E6	54859460	269.040	273.671
25) L5	AR-1248-5	5.628	5.607	98878039	52576565	270.532	270.499

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

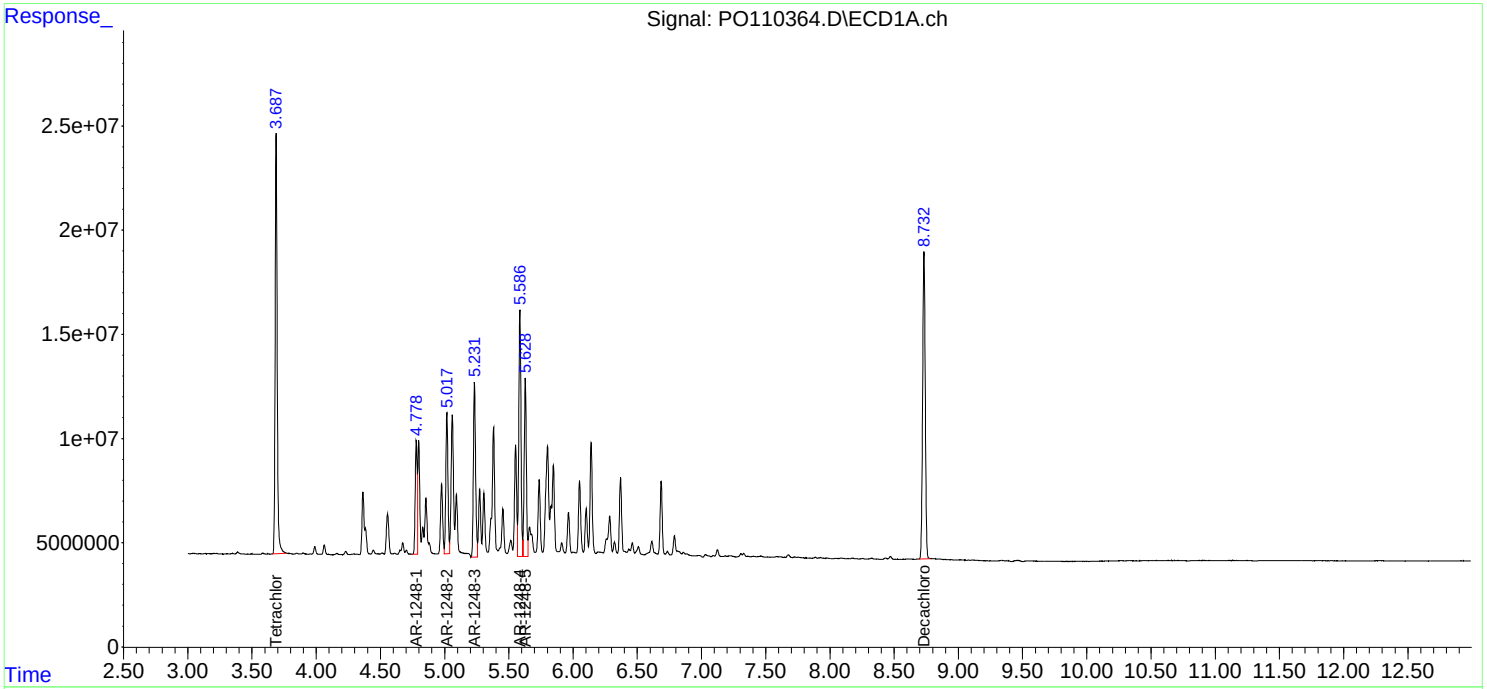
ICAL Form

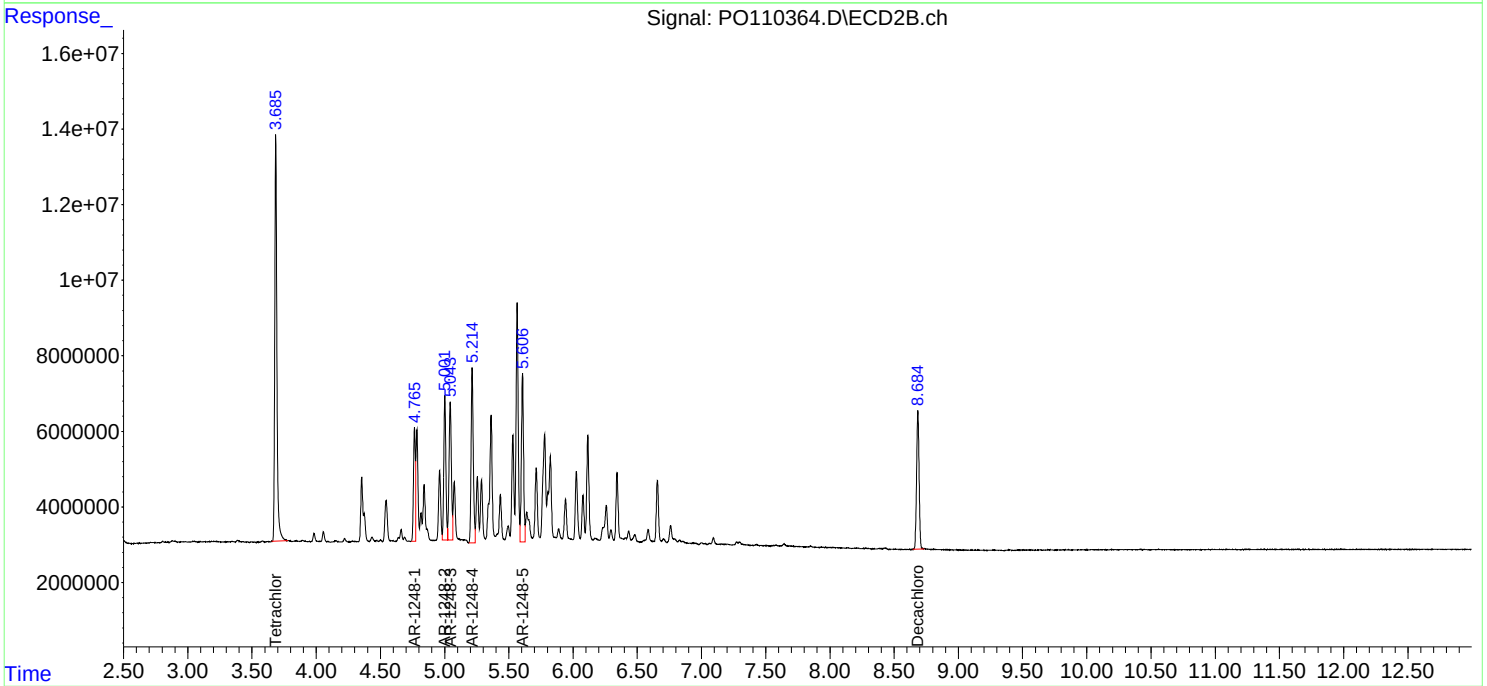
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:11
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

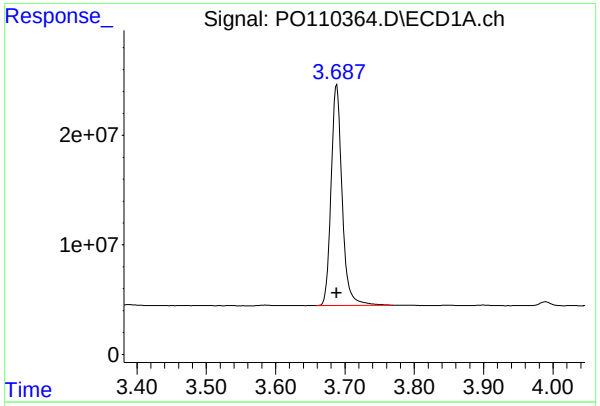
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:22:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:22:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



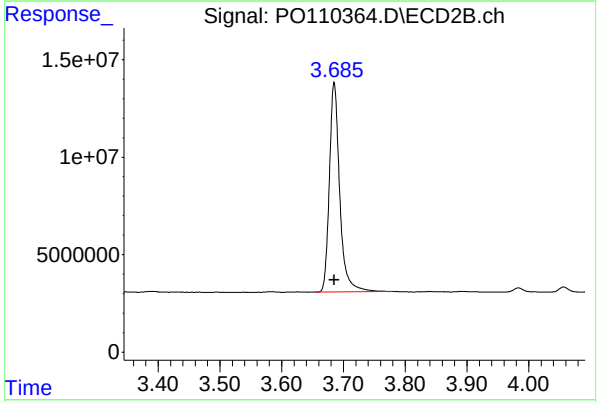




#1 Tetrachloro-m-xylene

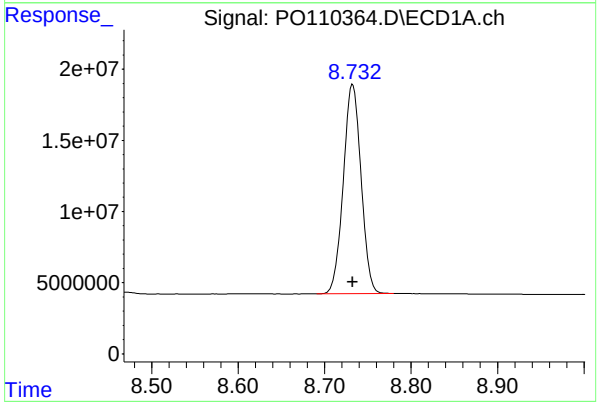
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 221895724
Conc: 25.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



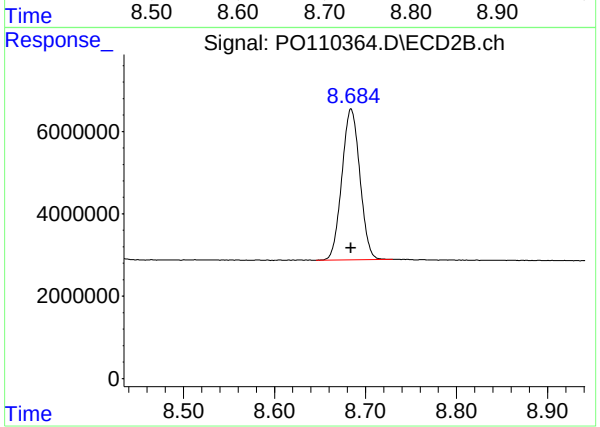
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 124938500
Conc: 25.32 ng/ml



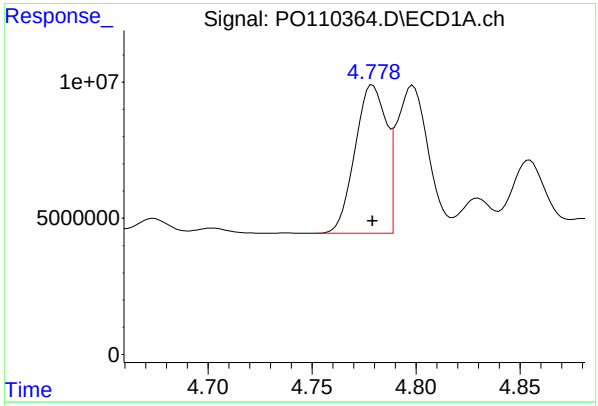
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 209558937
Conc: 26.61 ng/ml



#2 Decachlorobiphenyl

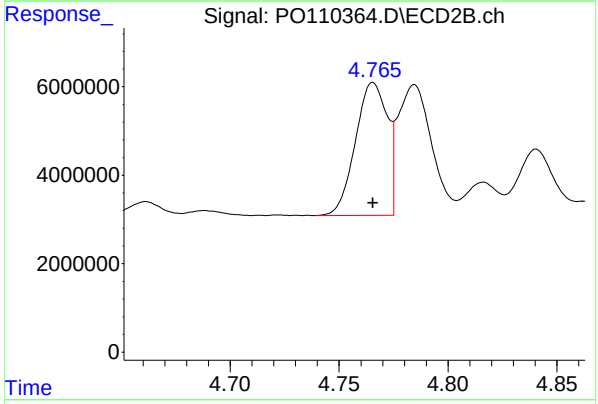
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 50390082
Conc: 27.32 ng/ml



#21 AR-1248-1

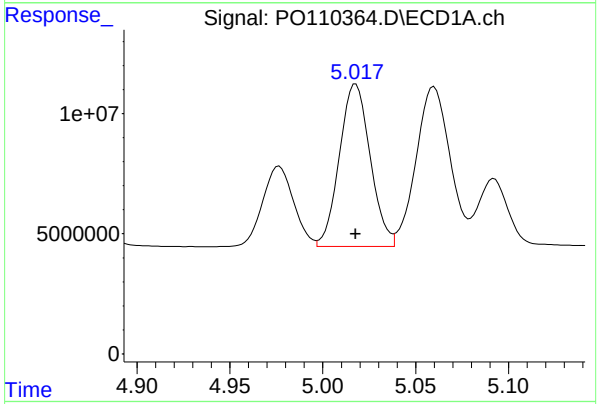
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 56940091
Conc: 268.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



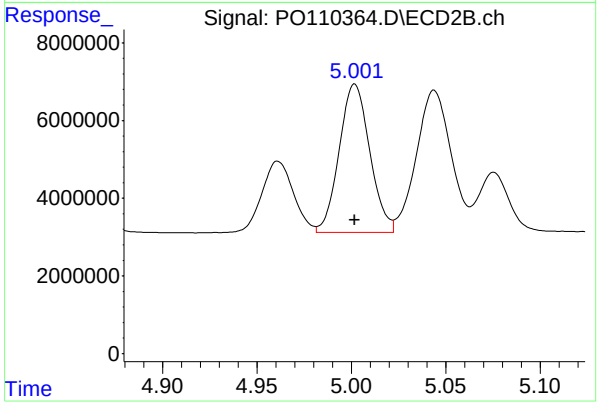
#21 AR-1248-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 30514286
Conc: 267.66 ng/ml



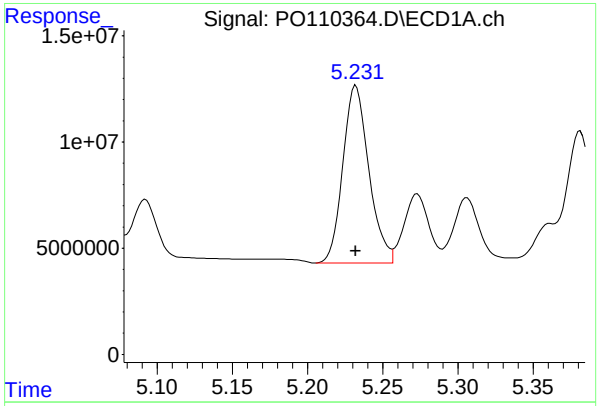
#22 AR-1248-2

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 78187177
Conc: 268.76 ng/ml



#22 AR-1248-2

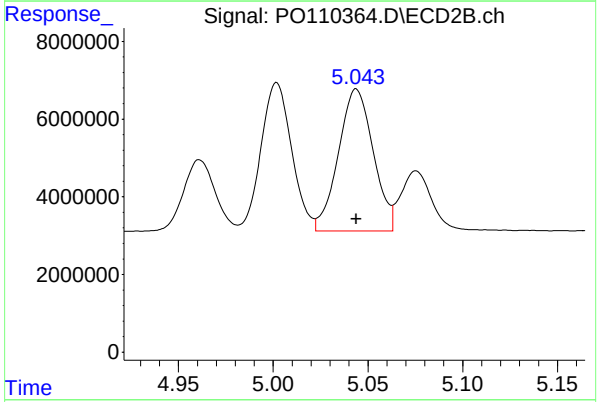
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 43024876
Conc: 270.15 ng/ml



#23 AR-1248-3

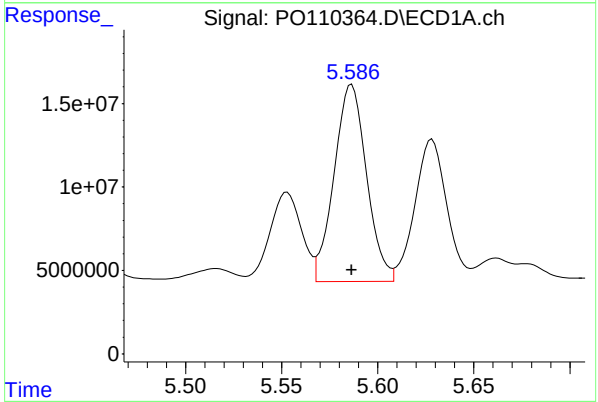
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 100514618
Conc: 274.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



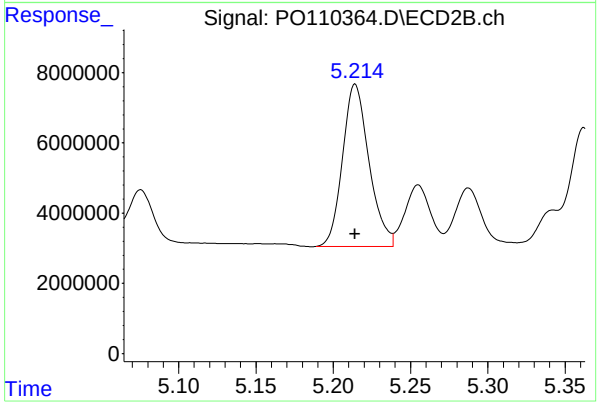
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 46712689
Conc: 272.97 ng/ml



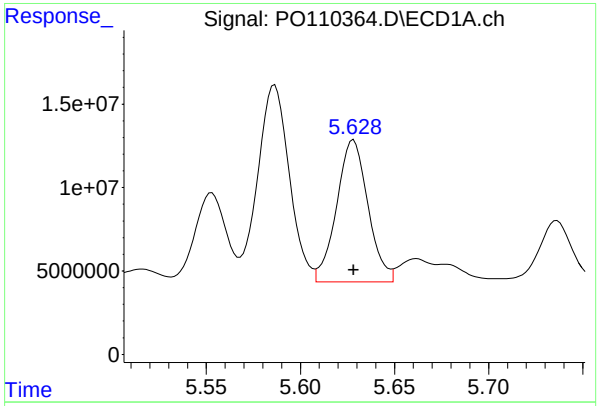
#24 AR-1248-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 138141162
Conc: 269.04 ng/ml



#24 AR-1248-4

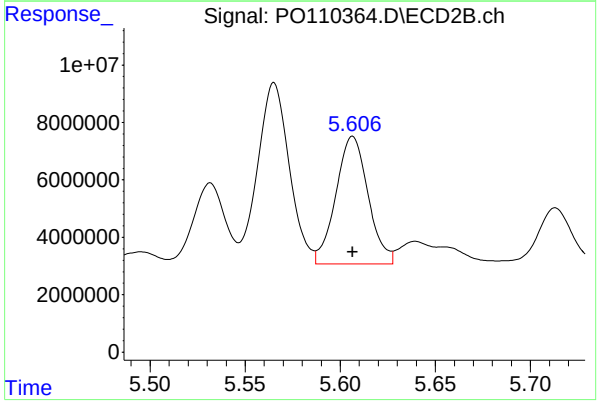
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 54859460
Conc: 273.67 ng/ml



#25 AR-1248-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 98878039
Conc: 270.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 52576565
Conc: 270.50 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:30
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:40:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	39393478	22189412	4.585	4.589
2)	SA Decachlor...	8.731	8.683	41107420	10123504	5.174	5.384
	Target Compounds						
21)	L5 AR-1248-1	4.778	4.764	10770182	5982472	50.603	51.962
22)	L5 AR-1248-2	5.017	5.001	15796625	8867896	53.380	54.443
23)	L5 AR-1248-3	5.231	5.043	19335025	9738708	52.262	55.379
24)	L5 AR-1248-4	5.585	5.214	27315770	10828083	52.527	53.163
25)	L5 AR-1248-5	5.627	5.605	19257467	10475122	52.128	53.067

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

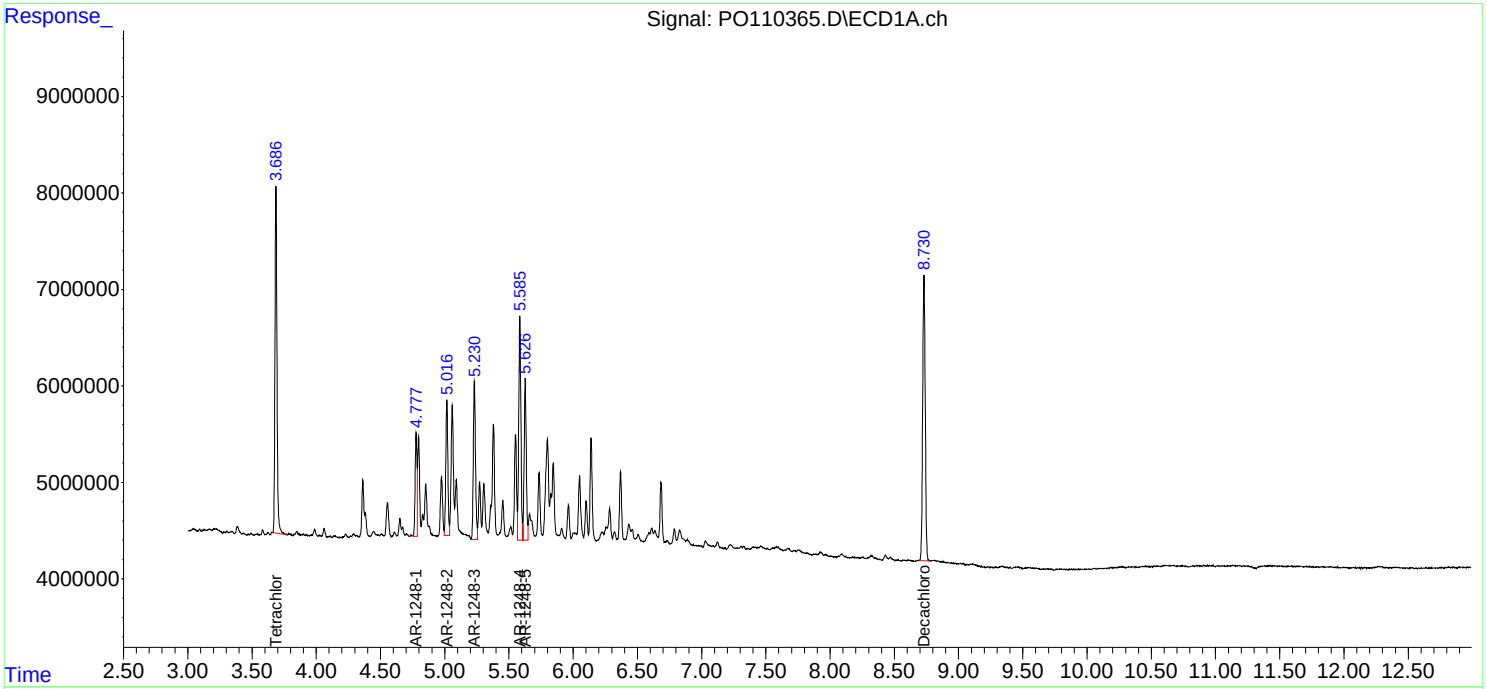
ICAL Form

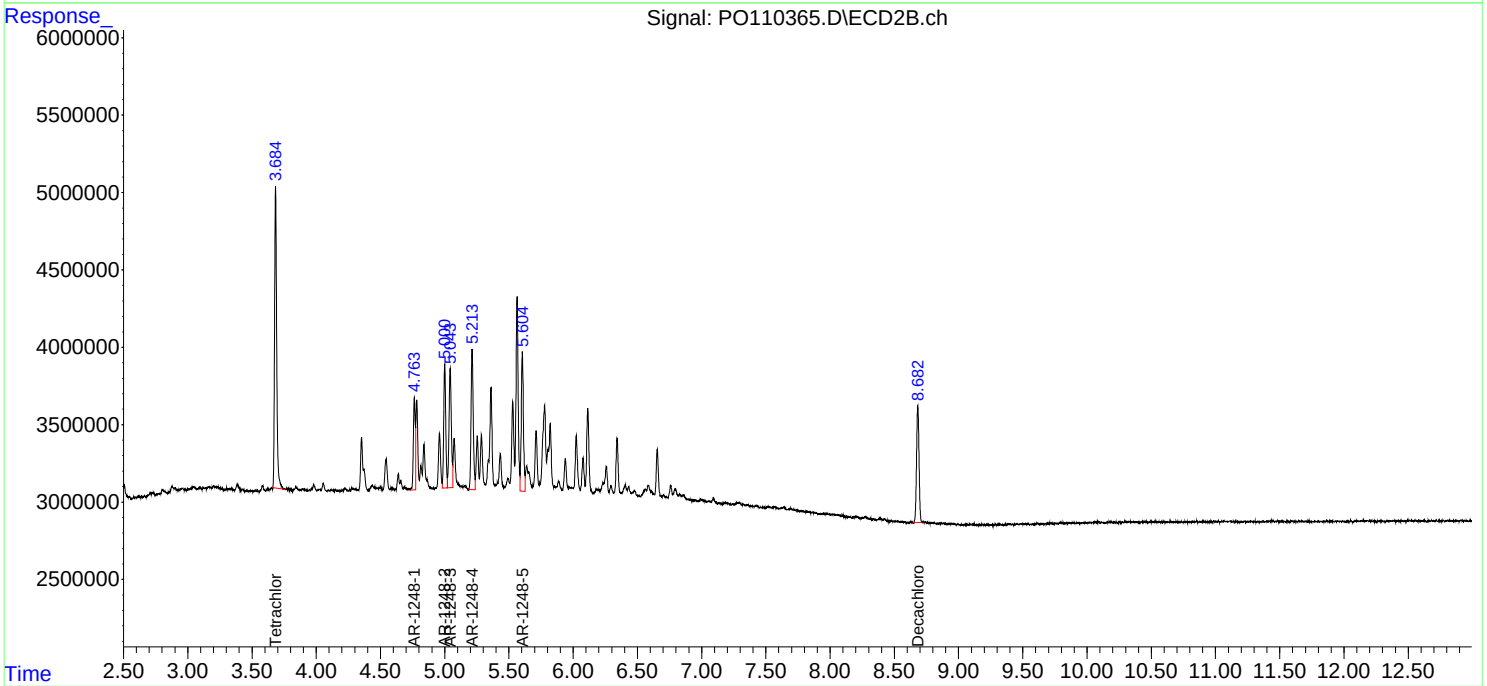
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:30
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

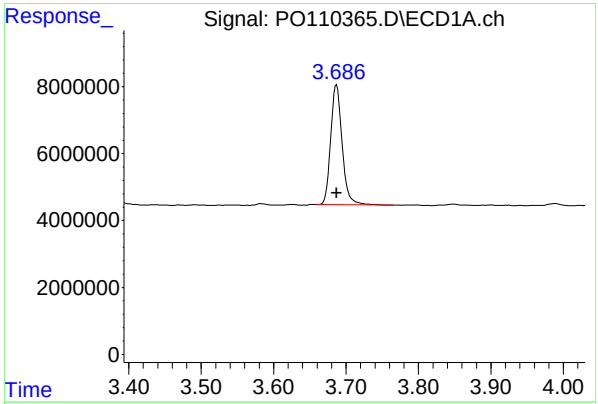
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 14:40:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 14:40:24 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



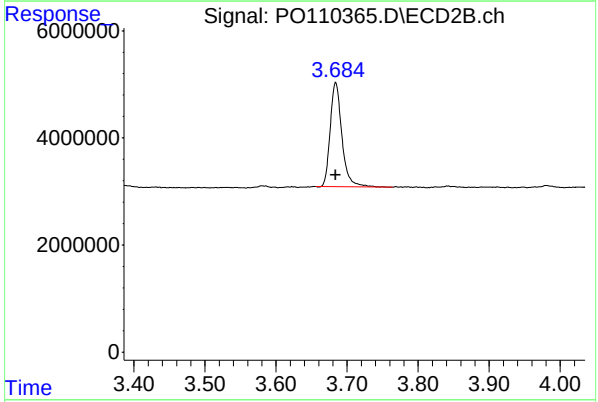




#1 Tetrachloro-m-xylene

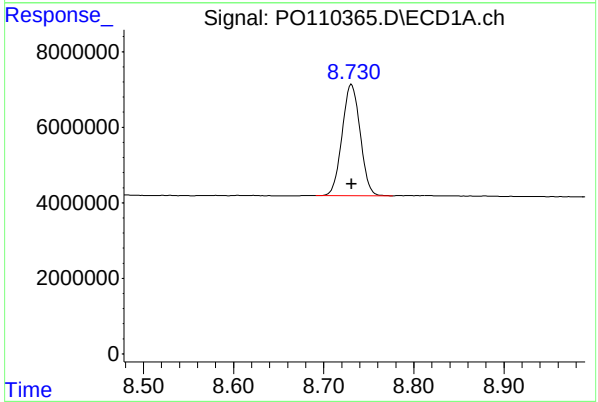
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 39393478
Conc: 4.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



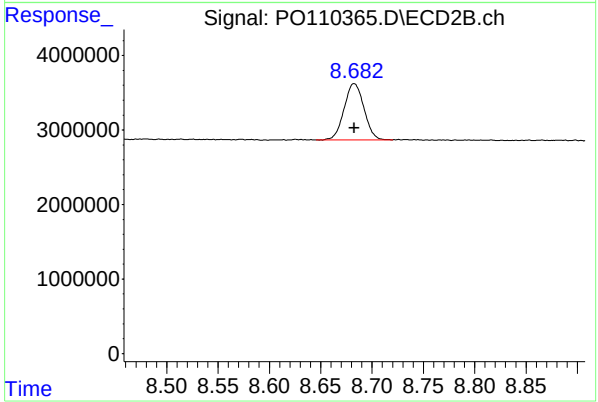
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 22189412
Conc: 4.59 ng/ml



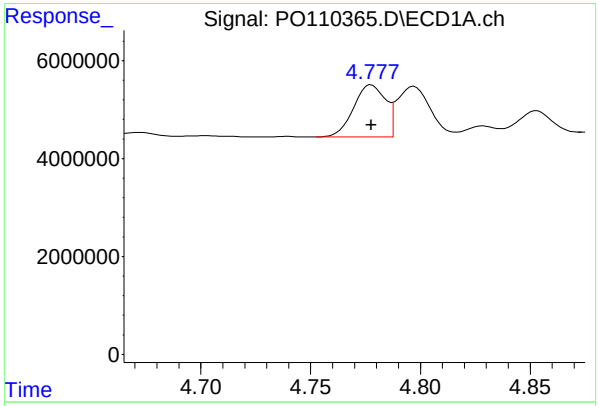
#2 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 41107420
Conc: 5.17 ng/ml



#2 Decachlorobiphenyl

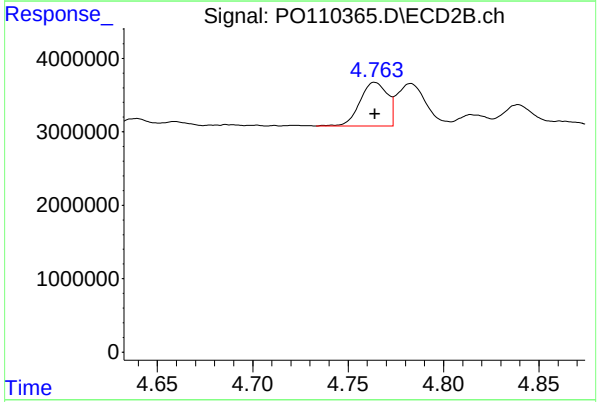
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 10123504
Conc: 5.38 ng/ml



#21 AR-1248-1

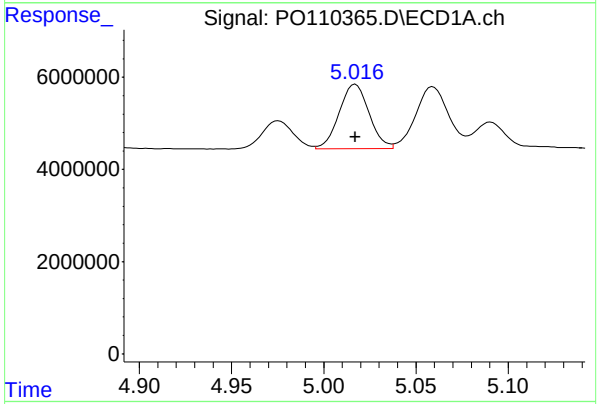
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 10770182
Conc: 50.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



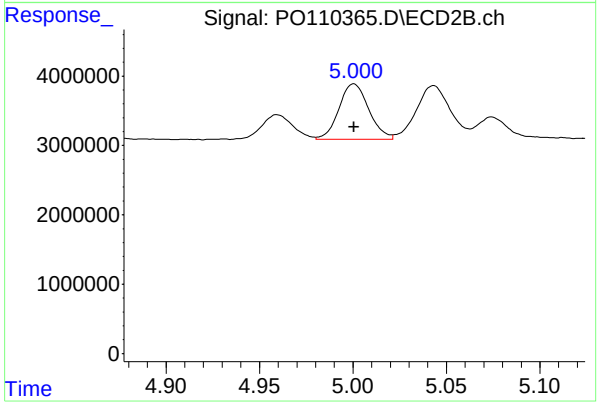
#21 AR-1248-1

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 5982472
Conc: 51.96 ng/ml



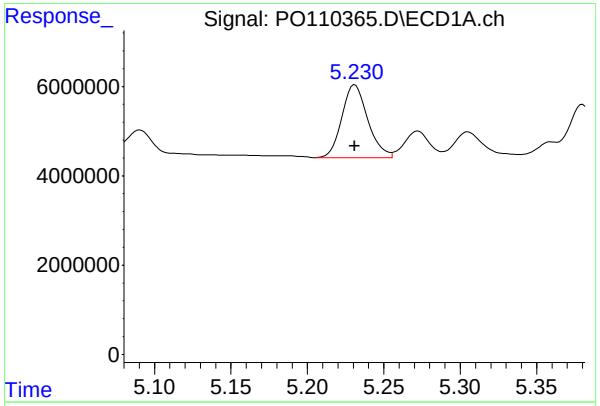
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 15796625
Conc: 53.38 ng/ml



#22 AR-1248-2

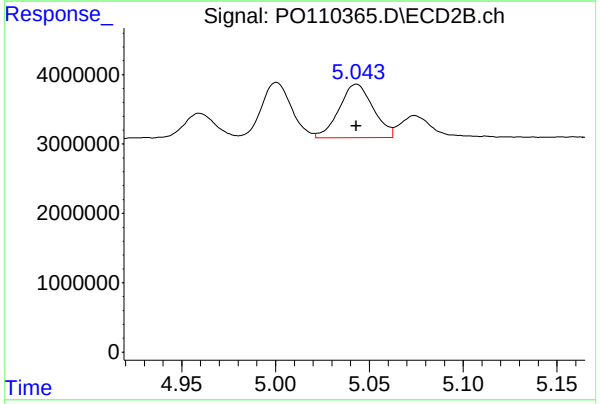
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 8867896
Conc: 54.44 ng/ml



#23 AR-1248-3

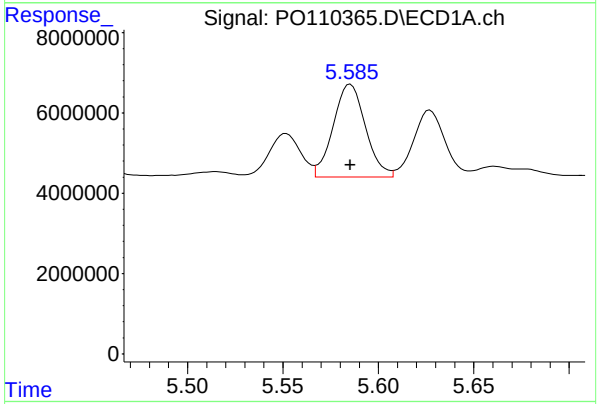
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 19335025
Conc: 52.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



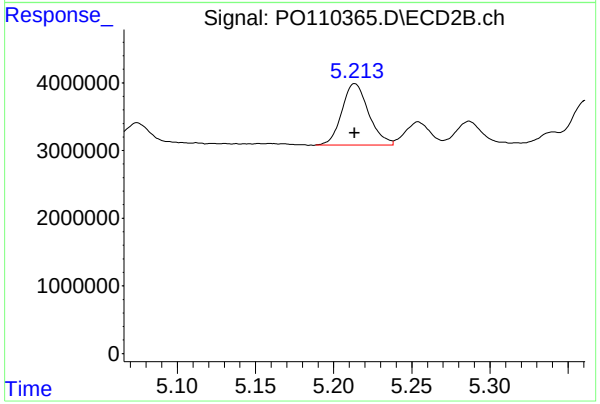
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 9738708
Conc: 55.38 ng/ml



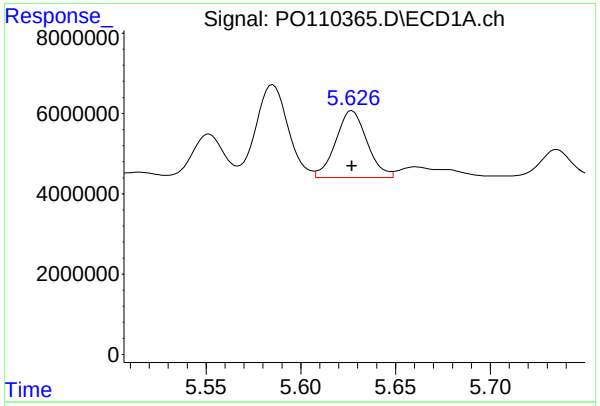
#24 AR-1248-4

R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 27315770
Conc: 52.53 ng/ml



#24 AR-1248-4

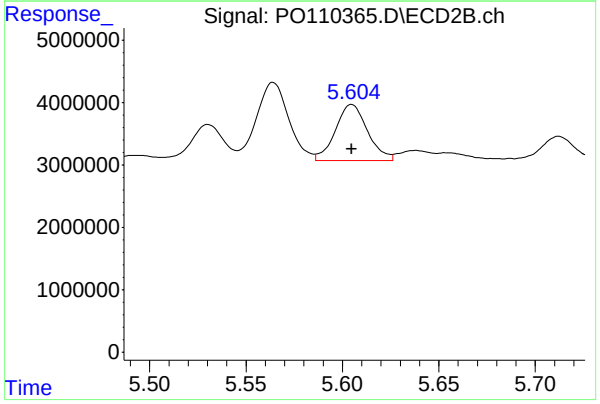
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 10828083
Conc: 53.16 ng/ml



#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 19257467
Conc: 52.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 10475122
Conc: 53.07 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:48
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 15:41:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	866.5E6	486.6E6	99.747	99.926
2)	SA Decachlor...	8.733	8.684	761.3E6	167.3E6	96.636	93.604
	Target Compounds						
26)	L6 AR-1254-1	5.587	5.566	517.2E6	275.5E6	964.265	963.531
27)	L6 AR-1254-2	5.736	5.713	450.8E6	239.9E6	970.858	963.389
28)	L6 AR-1254-3	6.142	6.117	746.2E6	380.0E6	977.998	969.945
29)	L6 AR-1254-4	6.371	6.344	460.1E6	215.9E6	968.424	969.951
30)	L6 AR-1254-5	6.790	6.761	657.6E6	307.7E6	969.952	963.966

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

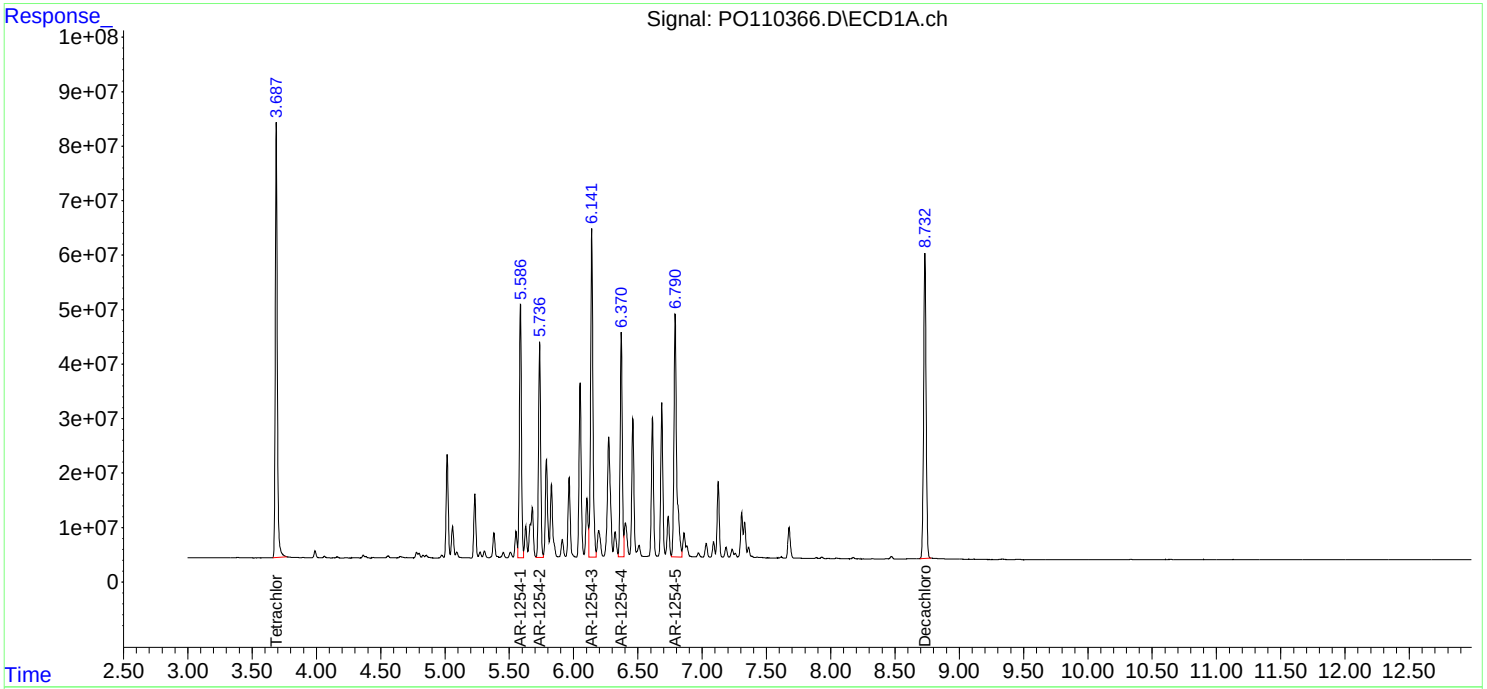
ICAL Form

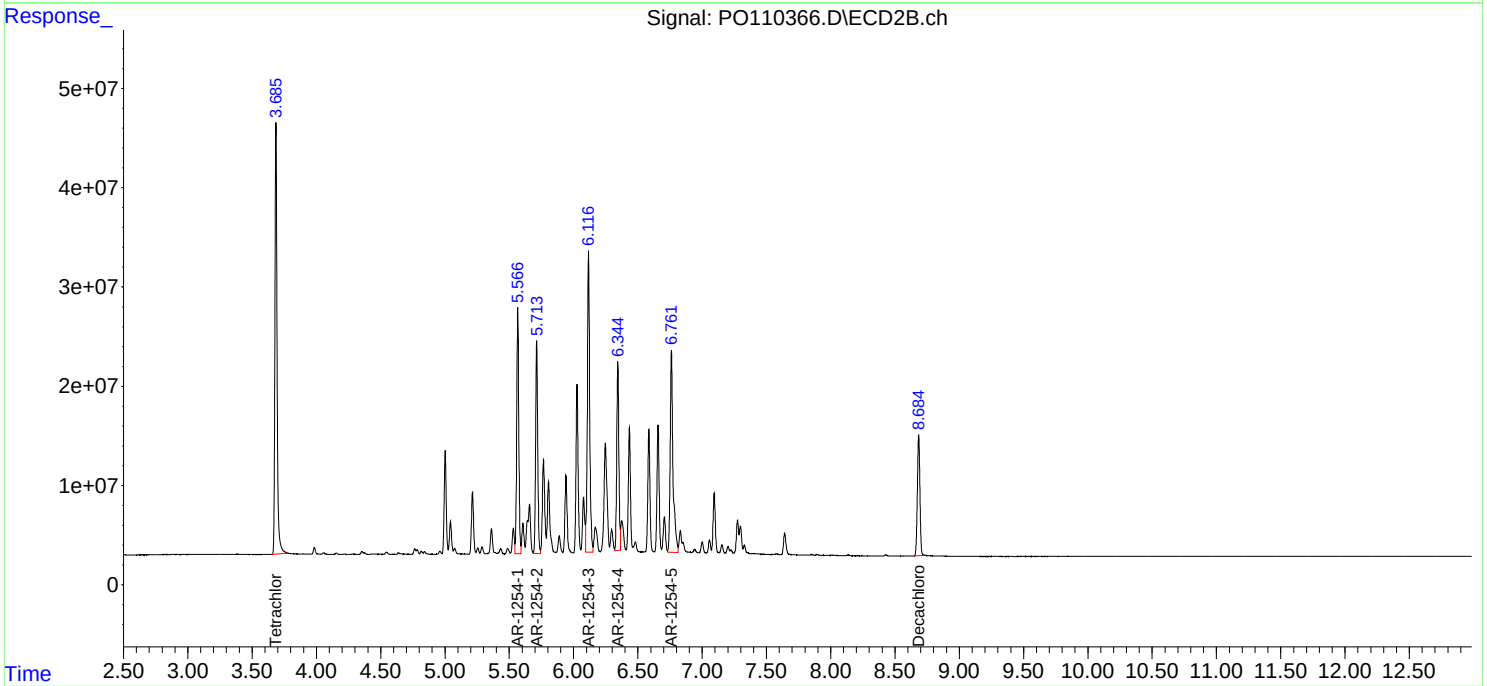
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 14:48
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

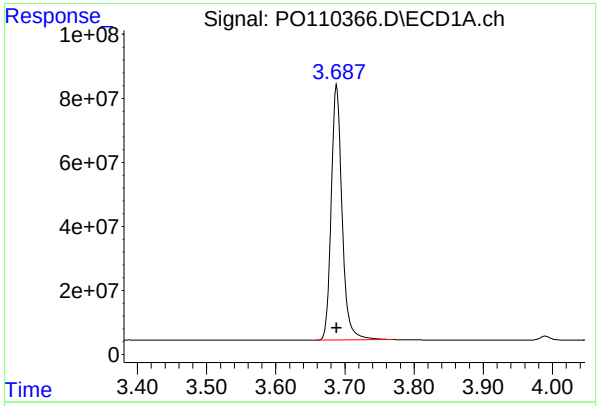
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 15:41:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



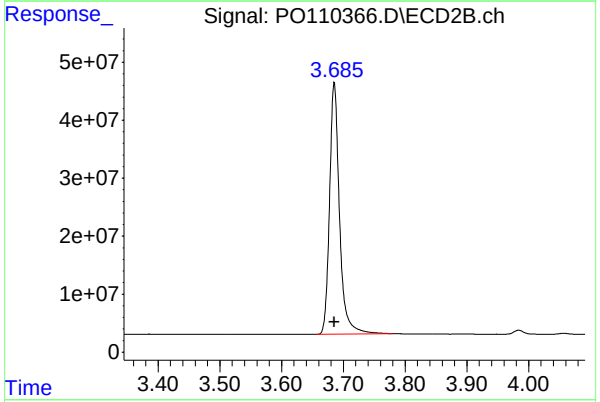




#1 Tetrachloro-m-xylene

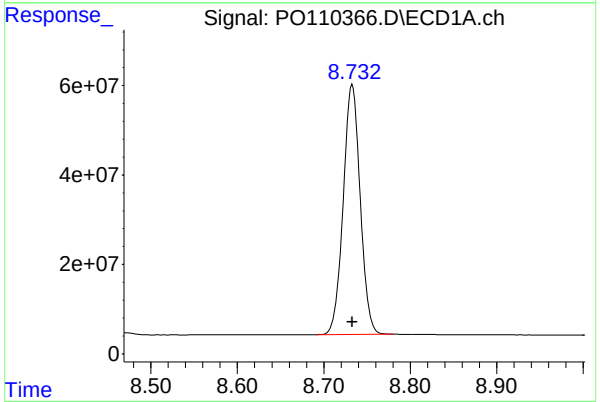
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 866509220
Conc: 99.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



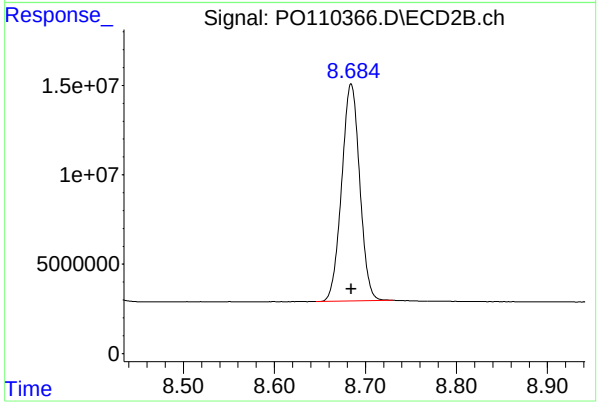
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 486562593
Conc: 99.93 ng/ml



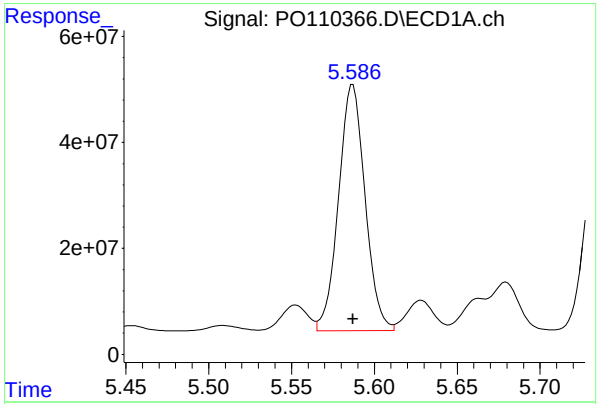
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 761299037
Conc: 96.64 ng/ml



#2 Decachlorobiphenyl

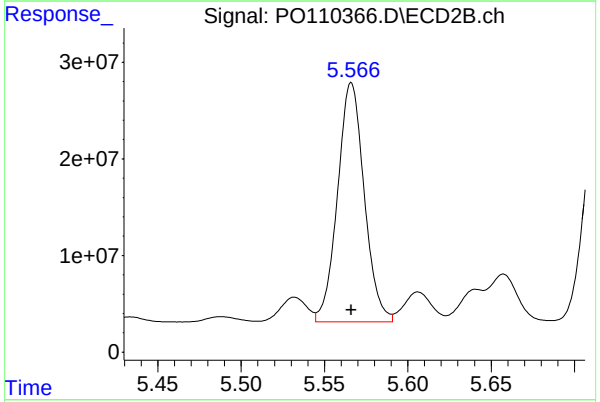
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 167274258
Conc: 93.60 ng/ml



#26 AR-1254-1

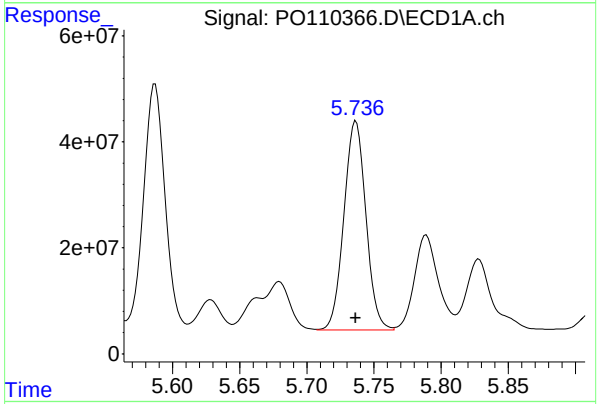
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 517202507
Conc: 964.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



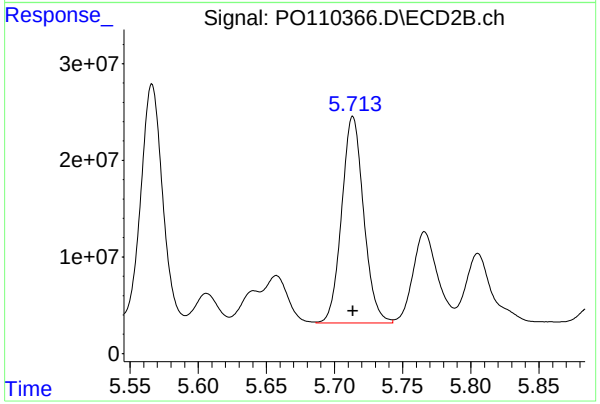
#26 AR-1254-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 275528987
Conc: 963.53 ng/ml



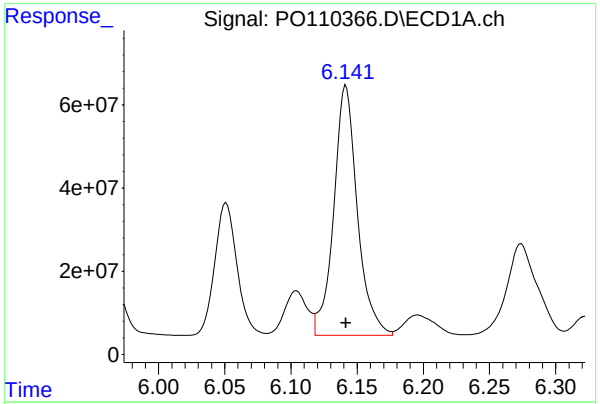
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 450798901
Conc: 970.86 ng/ml



#27 AR-1254-2

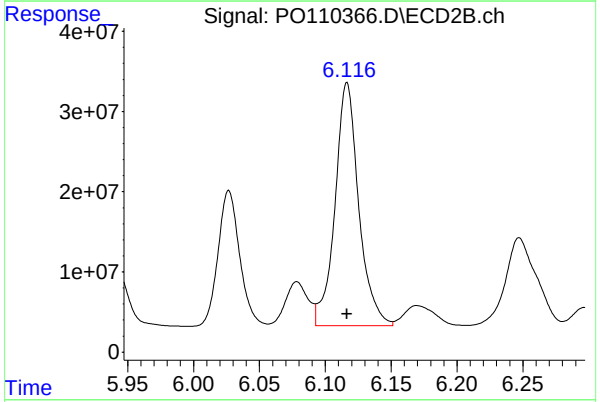
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 239912515
Conc: 963.39 ng/ml



#28 AR-1254-3

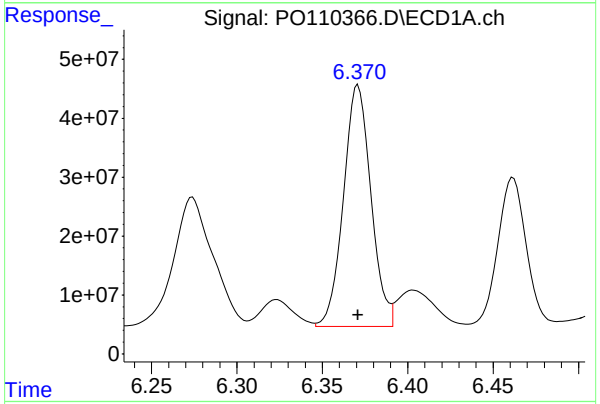
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 746169545
Conc: 978.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



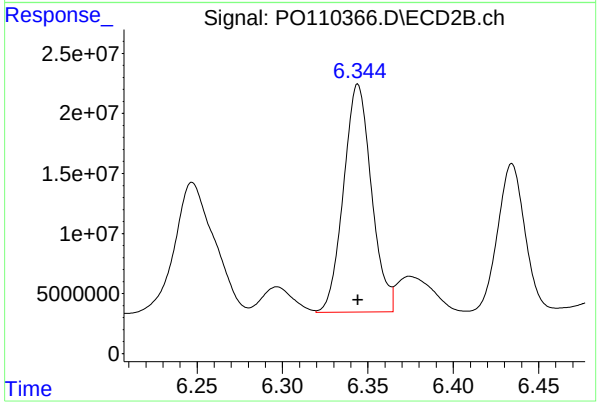
#28 AR-1254-3

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 379979735
Conc: 969.94 ng/ml



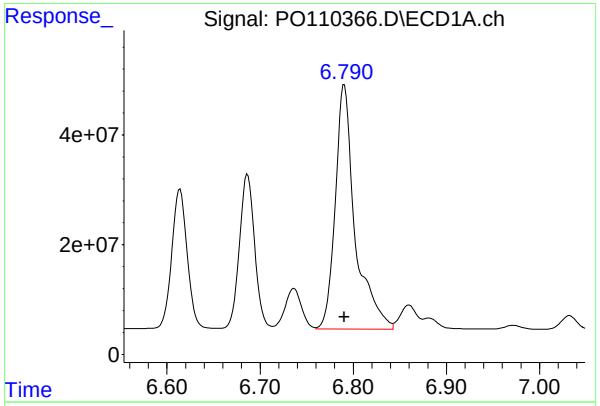
#29 AR-1254-4

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 460149954
Conc: 968.42 ng/ml



#29 AR-1254-4

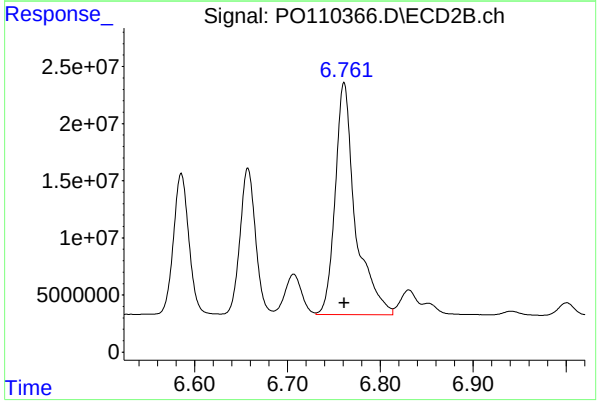
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 215870098
Conc: 969.95 ng/ml



#30 AR-1254-5

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 657635451
Conc: 969.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 307722172
Conc: 963.97 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:06
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 15:44:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	661.9E6	372.0E6	75.795	75.921
2)	SA Decachlor...	8.732	8.684	591.5E6	134.6E6	75.055	75.216
	Target Compounds						
26)	L6 AR-1254-1	5.587	5.566	402.3E6	214.0E6	750.022	748.992
27)	L6 AR-1254-2	5.736	5.714	351.2E6	186.9E6	754.162	750.330
28)	L6 AR-1254-3	6.141	6.116	576.8E6	294.3E6	754.032	750.876
29)	L6 AR-1254-4	6.370	6.344	355.5E6	166.8E6	748.724	749.718
30)	L6 AR-1254-5	6.790	6.761	508.6E6	239.6E6	750.141	750.401

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

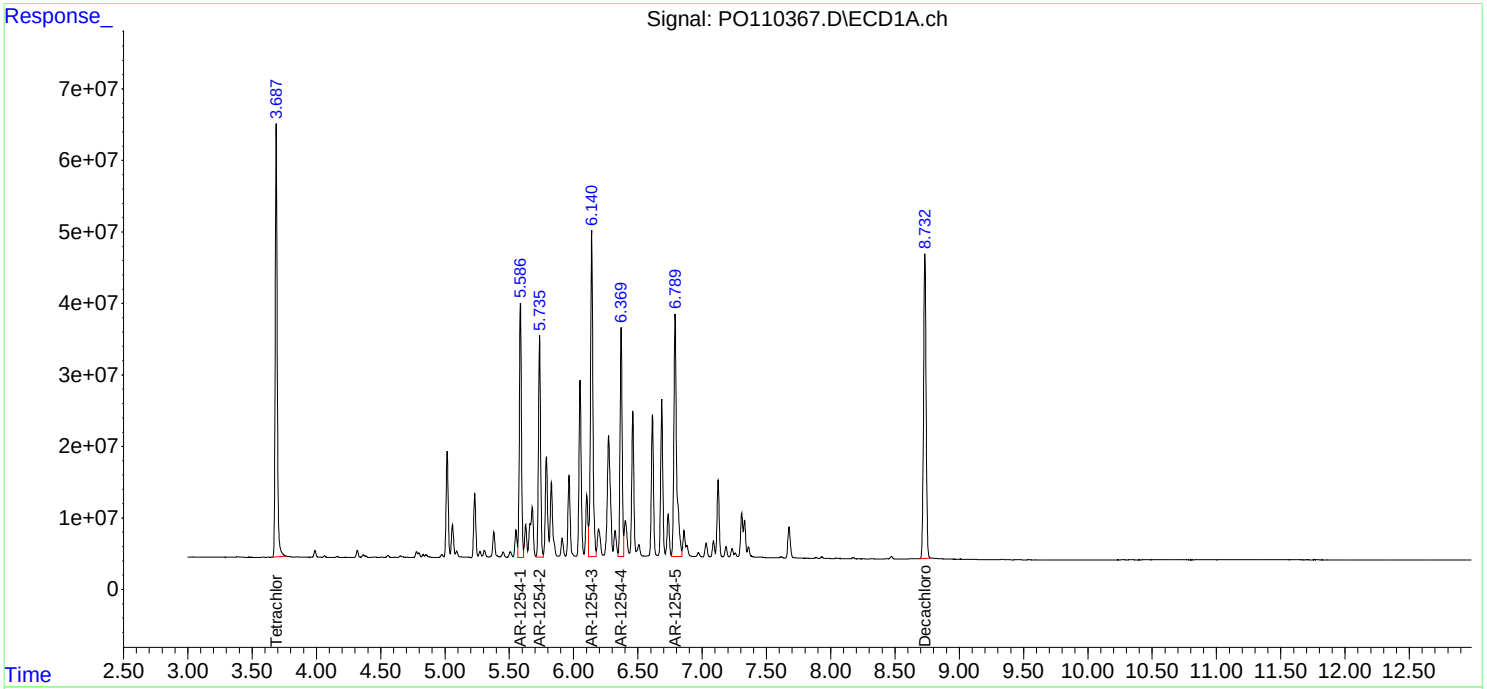
ICAL Form

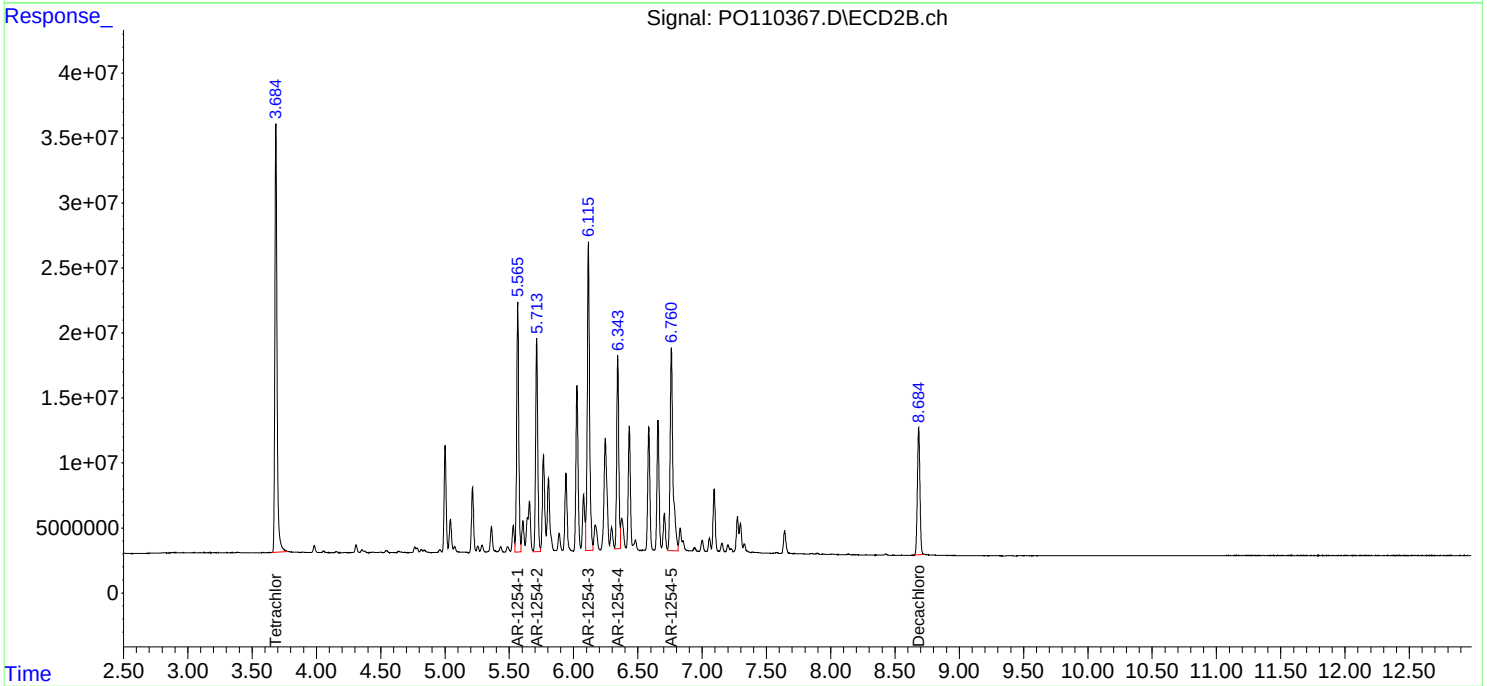
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:06
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

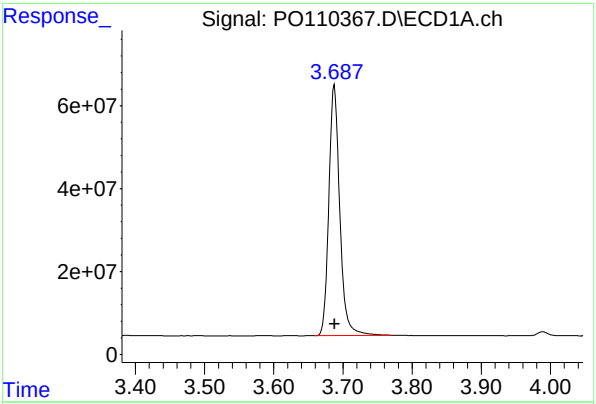
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 15:44:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



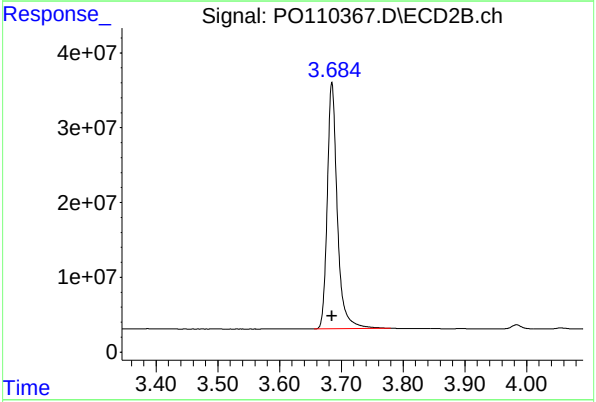




#1 Tetrachloro-m-xylene

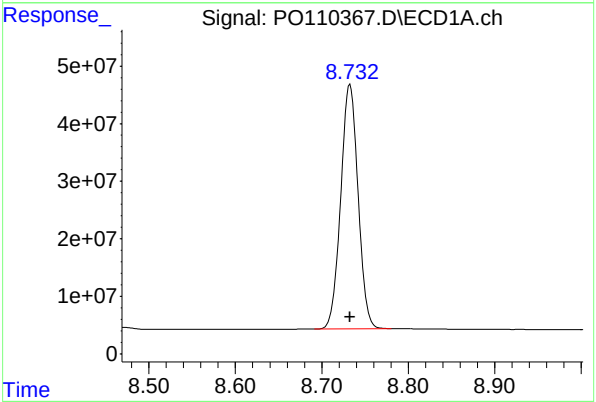
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 661947495
Conc: 75.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



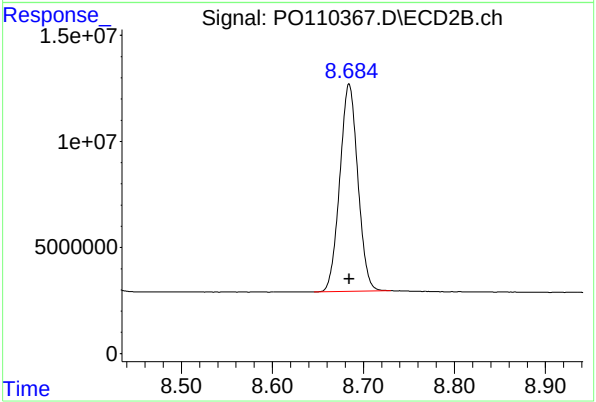
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 371957792
Conc: 75.92 ng/ml



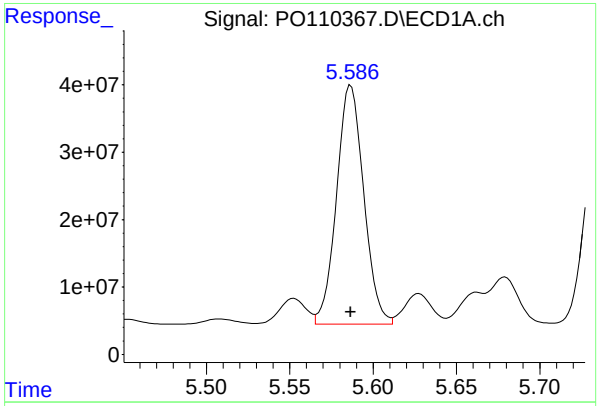
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 591504276
Conc: 75.06 ng/ml



#2 Decachlorobiphenyl

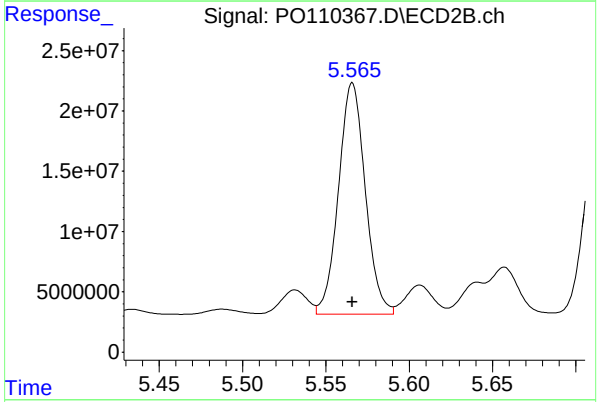
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 134606126
Conc: 75.22 ng/ml



#26 AR-1254-1

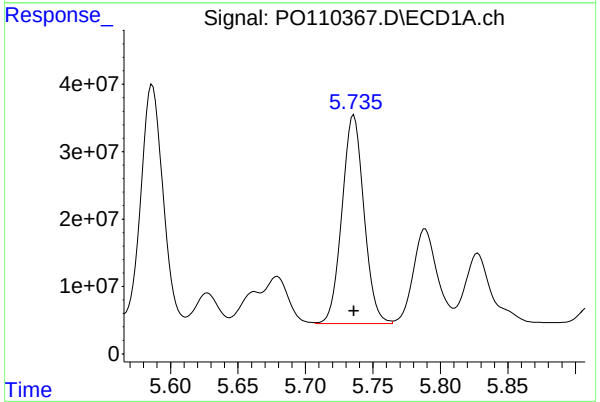
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 402295349
Conc: 750.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



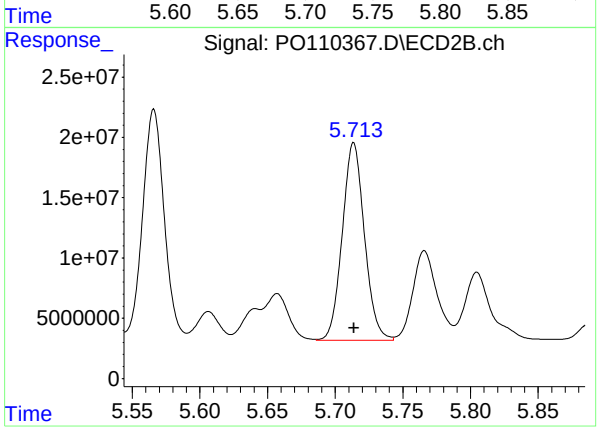
#26 AR-1254-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 214036296
Conc: 748.99 ng/ml



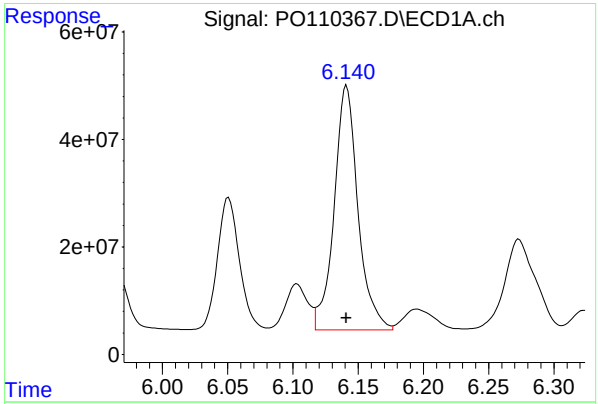
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 351154578
Conc: 754.16 ng/ml



#27 AR-1254-2

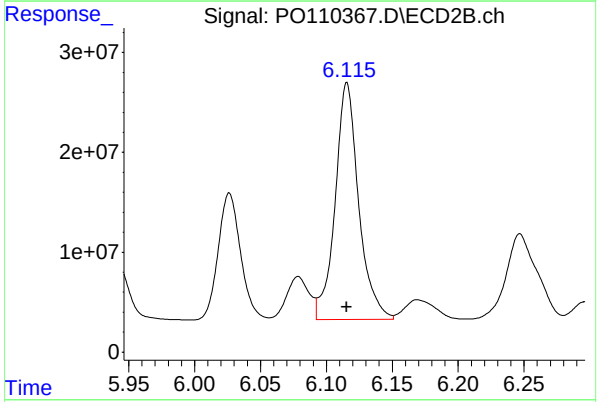
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 186895371
Conc: 750.33 ng/ml



#28 AR-1254-3

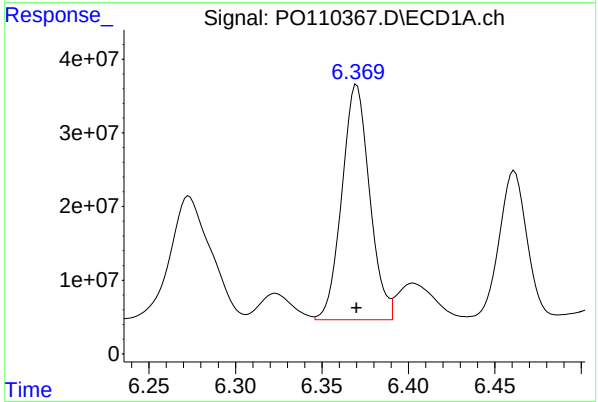
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 576844096
Conc: 754.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



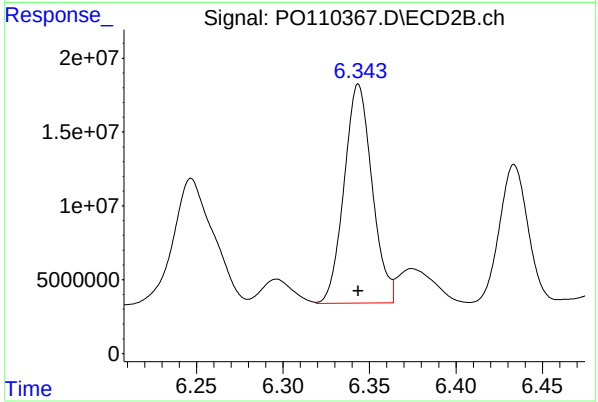
#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 294330716
Conc: 750.88 ng/ml



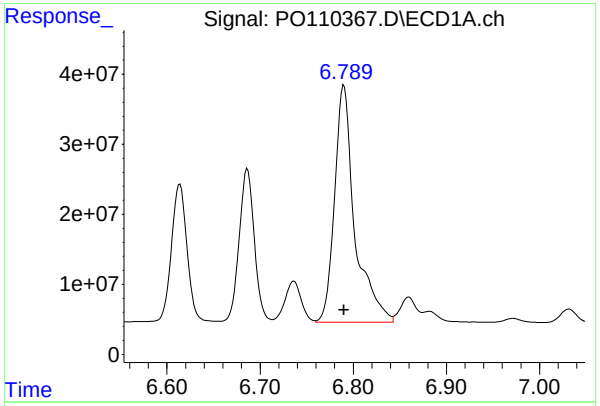
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 355456258
Conc: 748.72 ng/ml



#29 AR-1254-4

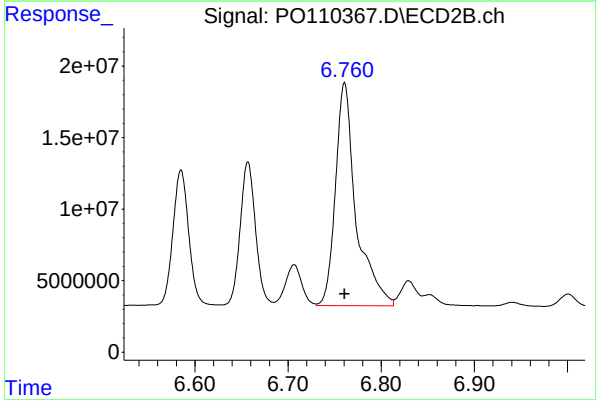
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 166824313
Conc: 749.72 ng/ml



#30 AR-1254-5

R.T.: 6.790 min
Delta R.T.: 0.000 mi
Response: 508649044
Conc: 750.14 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 239610761
Conc: 750.40 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:25
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 15:38:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	435.5E6	243.6E6	50.000	50.000
2)	SA Decachlor...	8.733	8.684	407.1E6	95066339	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.587	5.566	277.8E6	148.2E6	500.000	500.000
27)	L6 AR-1254-2	5.735	5.714	238.9E6	129.1E6	500.000	500.000
28)	L6 AR-1254-3	6.141	6.115	389.9E6	201.8E6	500.000	500.000
29)	L6 AR-1254-4	6.370	6.343	245.1E6	114.6E6	500.000	500.000
30)	L6 AR-1254-5	6.790	6.761	349.2E6	165.4E6	500.000	500.000

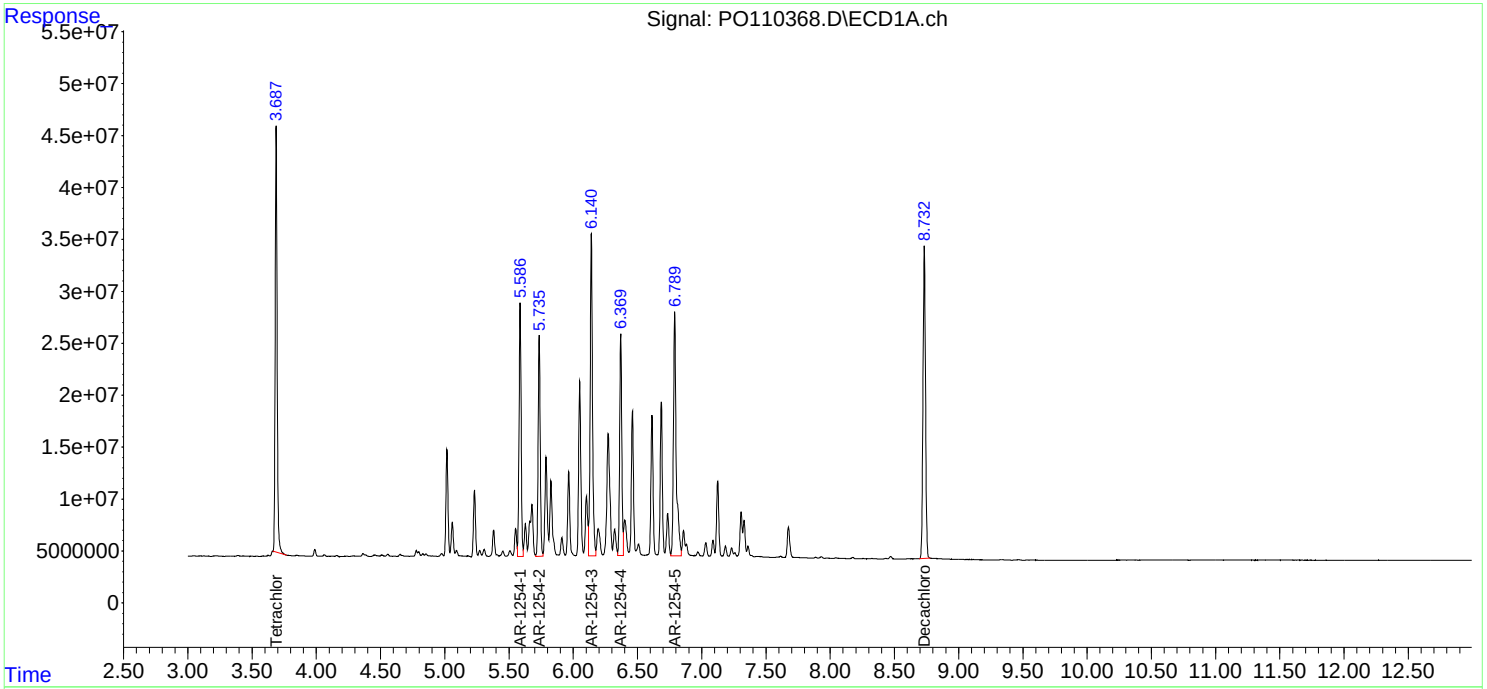
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

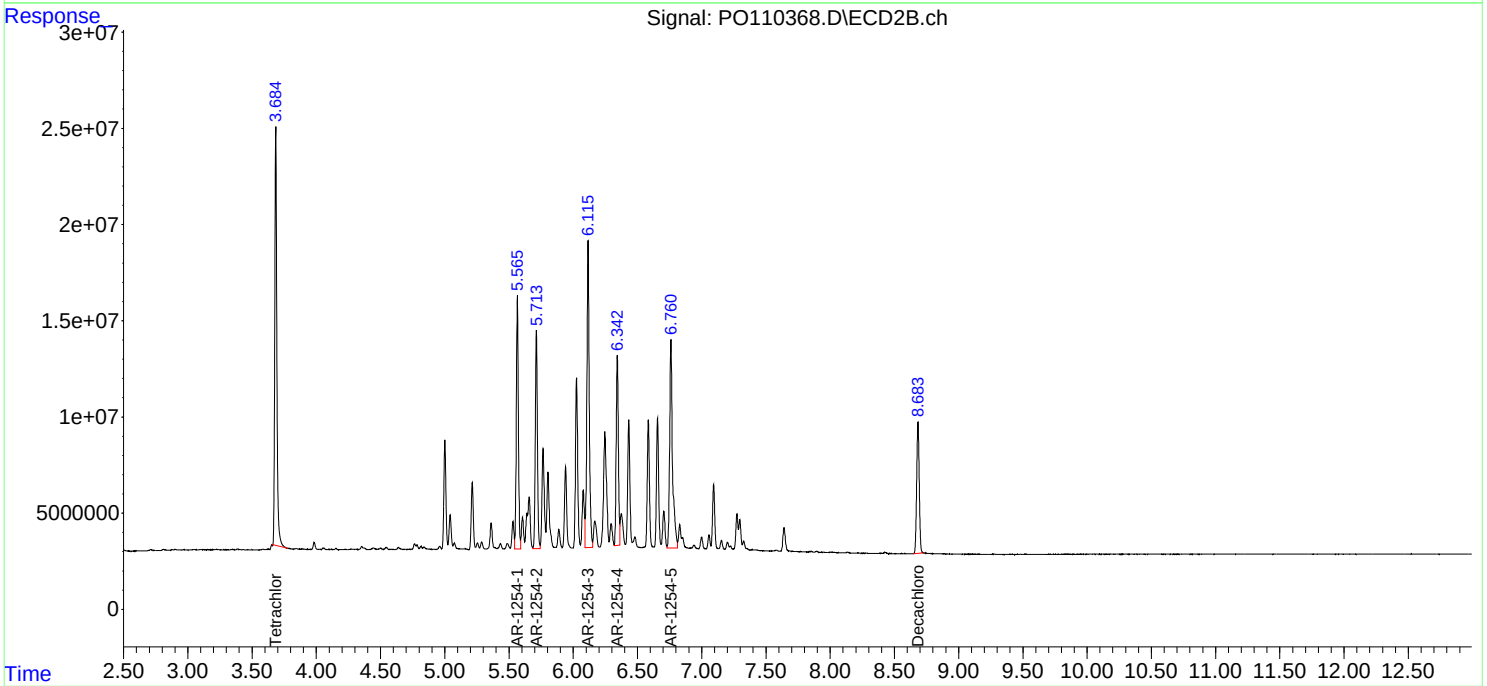
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:25
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

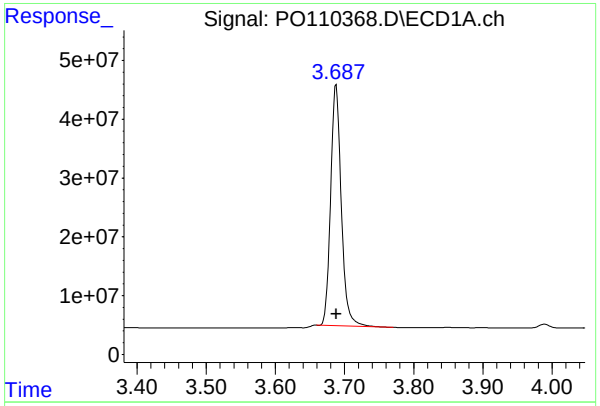
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 15:38:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 15:38:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



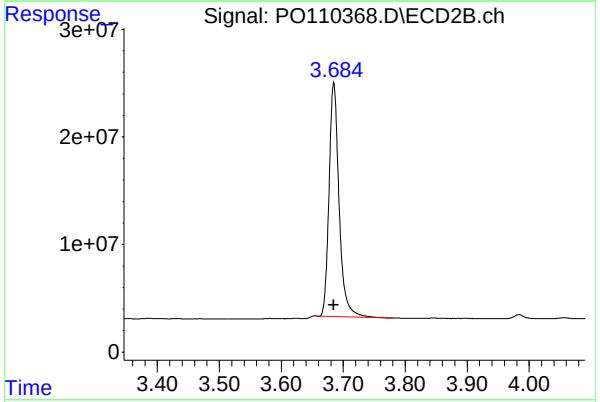




#1 Tetrachloro-m-xylene

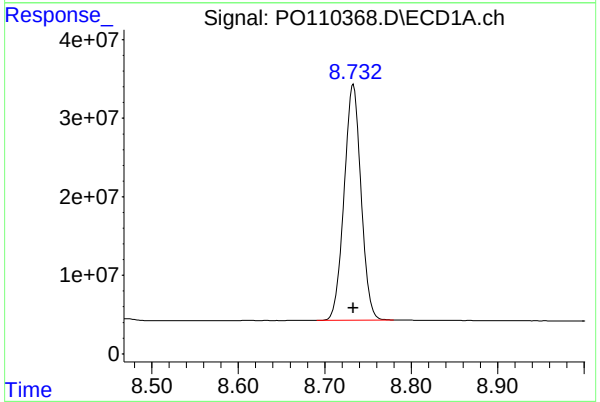
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 435455612
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



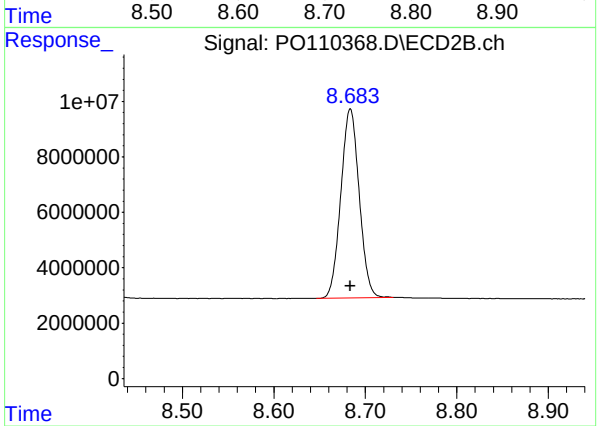
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 243639570
Conc: 50.00 ng/ml



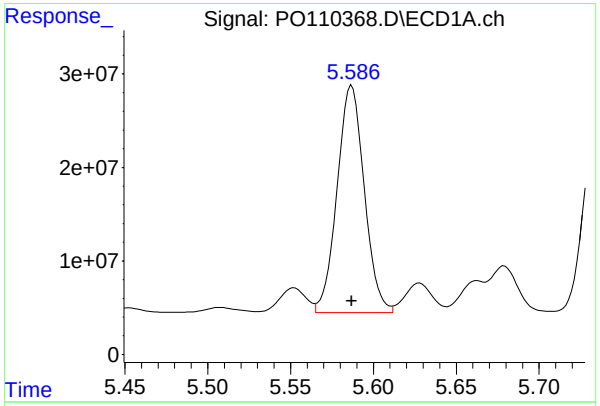
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 407149192
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

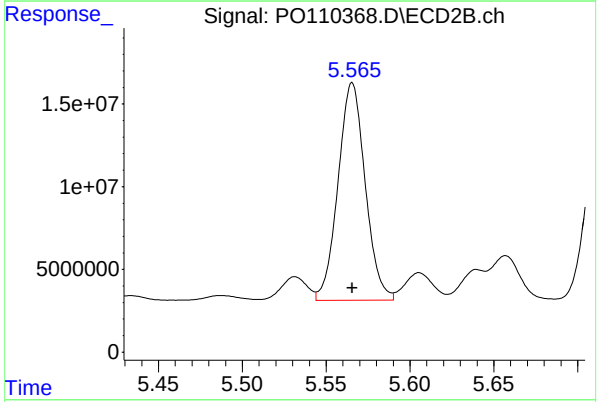
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 95066339
Conc: 50.00 ng/ml



#26 AR-1254-1

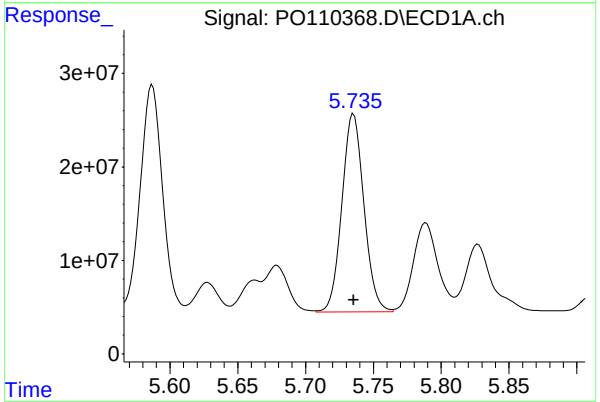
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 277768607
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



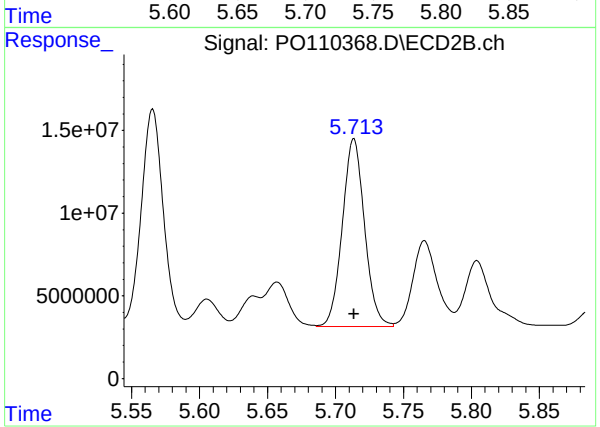
#26 AR-1254-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 148193147
Conc: 500.00 ng/ml



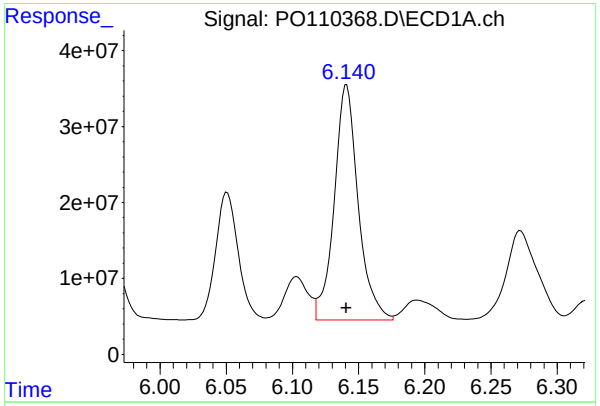
#27 AR-1254-2

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 238930915
Conc: 500.00 ng/ml



#27 AR-1254-2

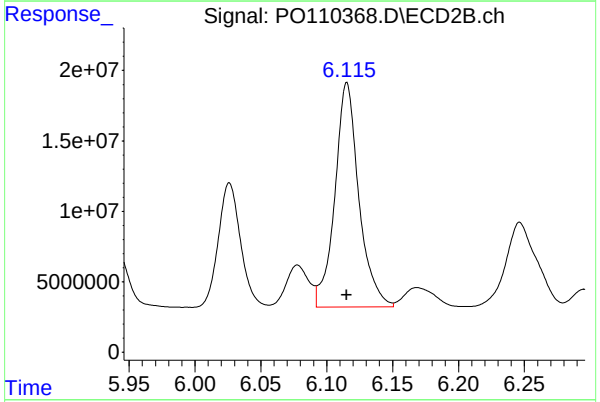
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 129073422
Conc: 500.00 ng/ml



#28 AR-1254-3

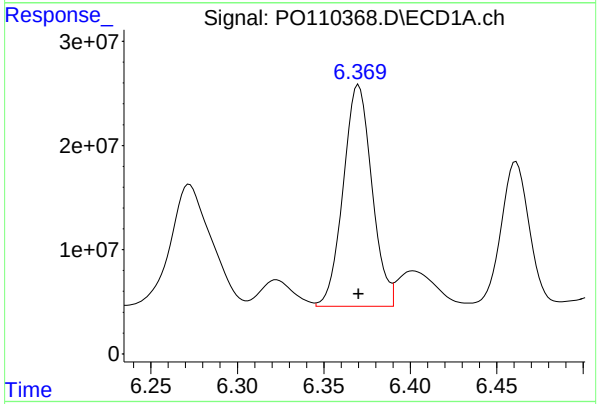
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 389871530
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



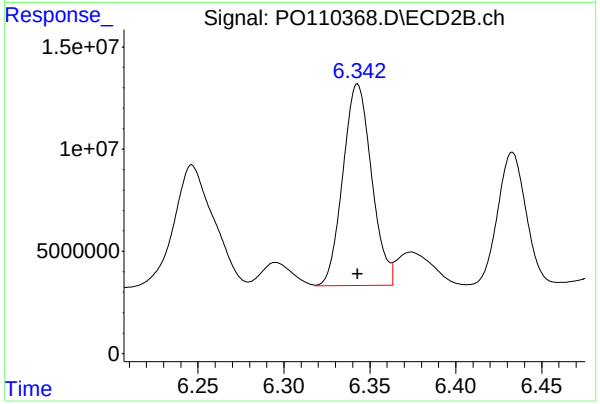
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 201764217
Conc: 500.00 ng/ml



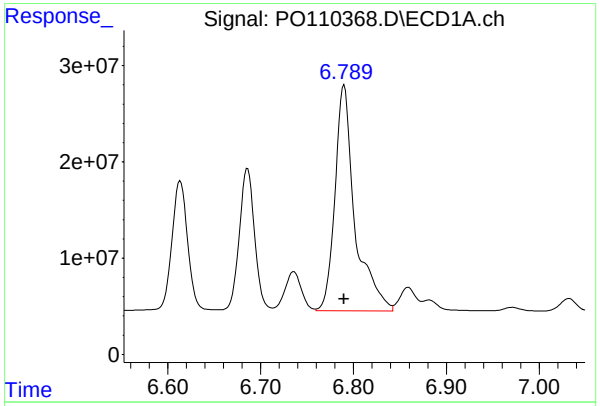
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 245078389
Conc: 500.00 ng/ml



#29 AR-1254-4

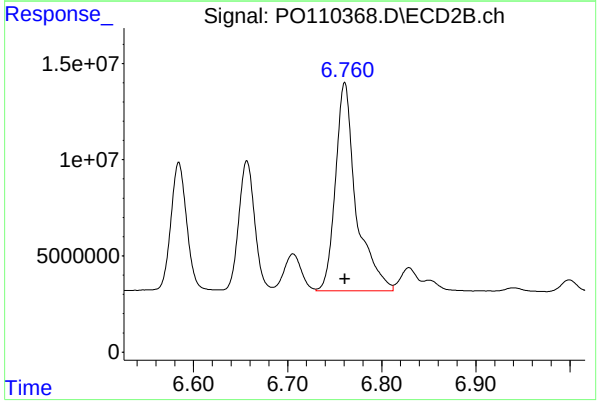
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 114622754
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 349190332
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 165364115
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:43
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:25:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:25:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	224.4E6	126.5E6	25.514	25.603
2)	SA Decachlor...	8.732	8.683	212.0E6	52144786	26.397	27.980
	Target Compounds						
26)	L6 AR-1254-1	5.586	5.565	145.4E6	77697153	265.491	266.067
27)	L6 AR-1254-2	5.735	5.713	126.7E6	68670177	266.212	268.785
28)	L6 AR-1254-3	6.140	6.115	202.8E6	104.4E6	261.133	261.974
29)	L6 AR-1254-4	6.370	6.343	126.3E6	59656850	261.911	263.335
30)	L6 AR-1254-5	6.789	6.760	181.1E6	86716902	262.640	265.840

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

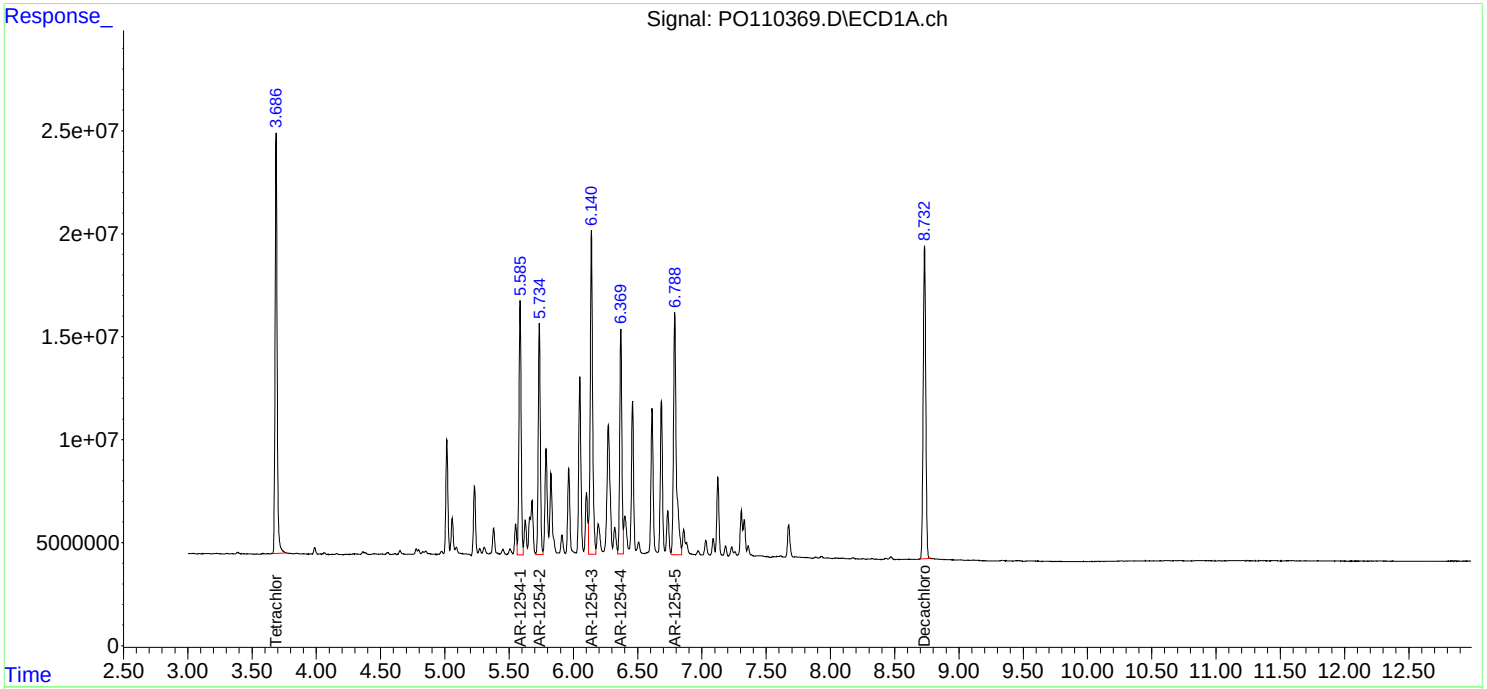
ICAL Form

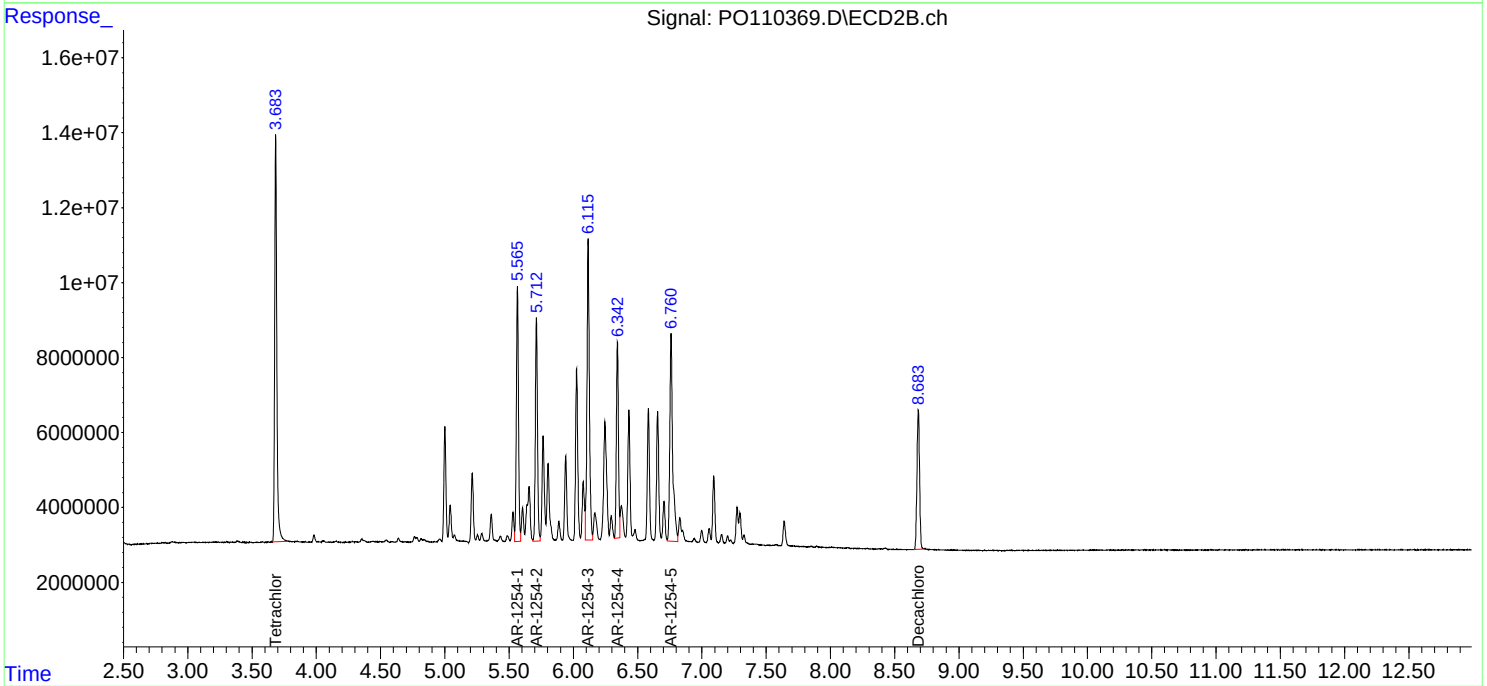
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 15:43
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

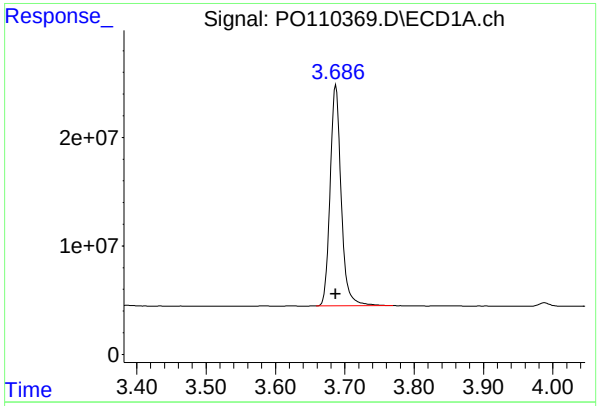
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:25:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:25:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



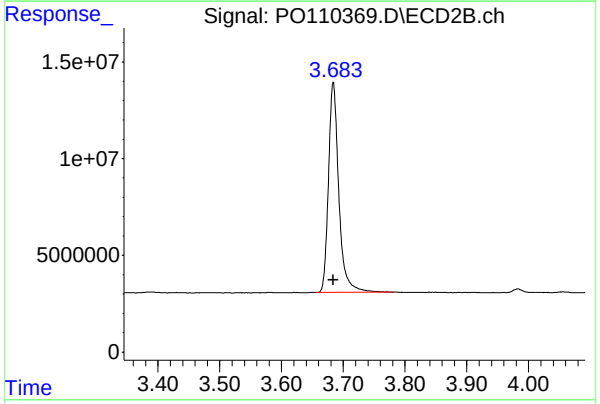




#1 Tetrachloro-m-xylene

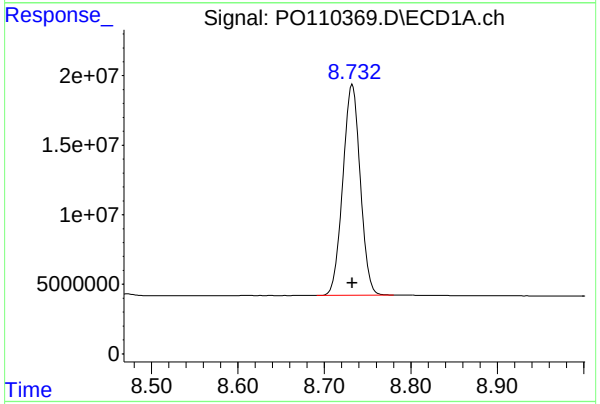
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 224366749
Conc: 25.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



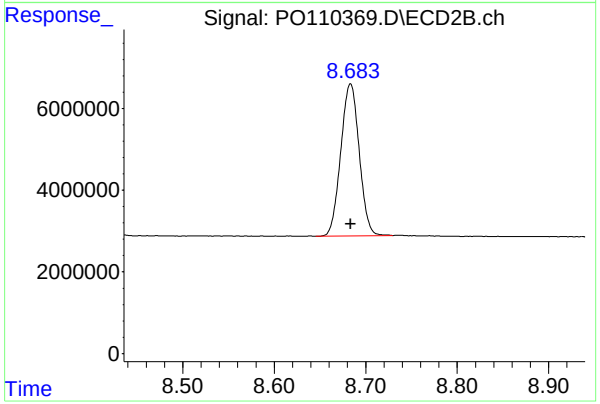
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 126451974
Conc: 25.60 ng/ml



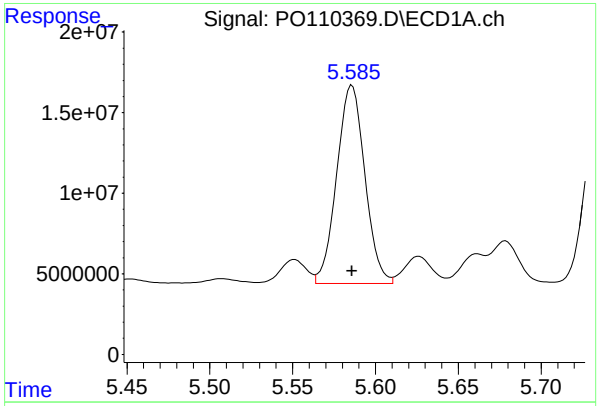
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 211976479
Conc: 26.40 ng/ml



#2 Decachlorobiphenyl

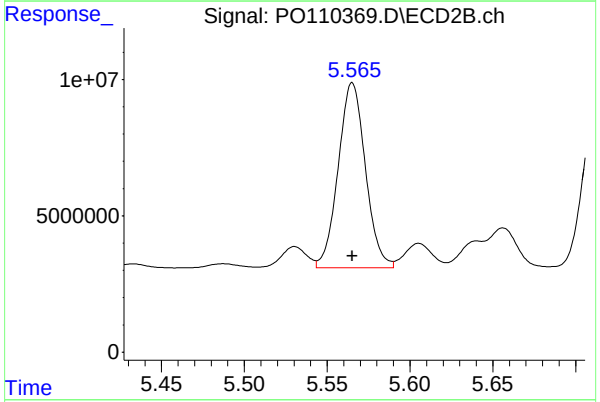
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 52144786
Conc: 27.98 ng/ml



#26 AR-1254-1

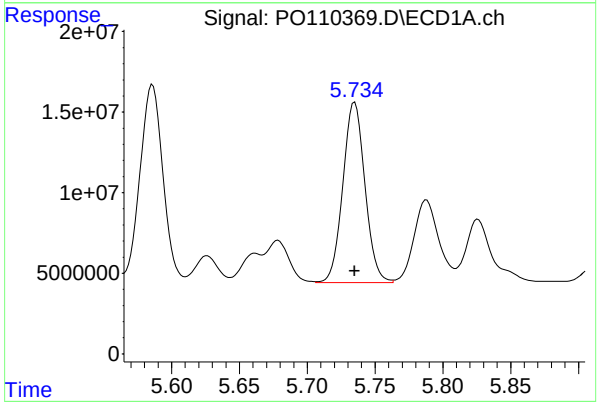
R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 145406737
Conc: 265.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



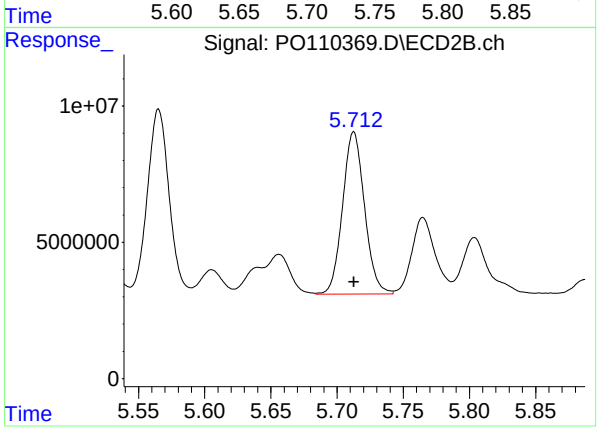
#26 AR-1254-1

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 77697153
Conc: 266.07 ng/ml



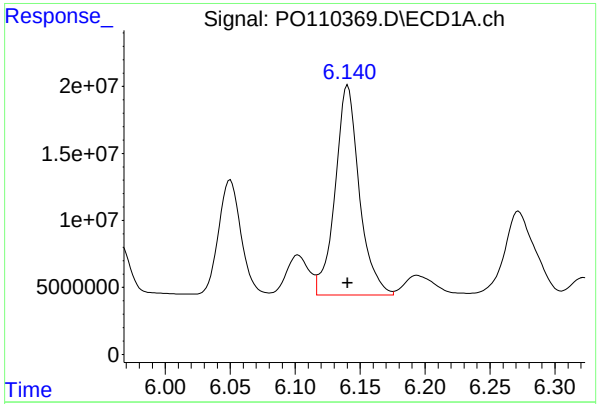
#27 AR-1254-2

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 126692531
Conc: 266.21 ng/ml



#27 AR-1254-2

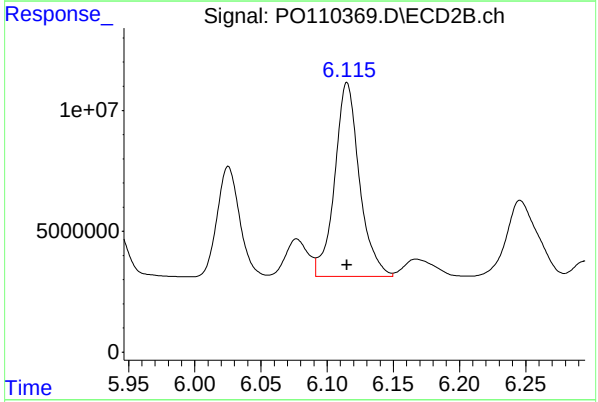
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 68670177
Conc: 268.79 ng/ml



#28 AR-1254-3

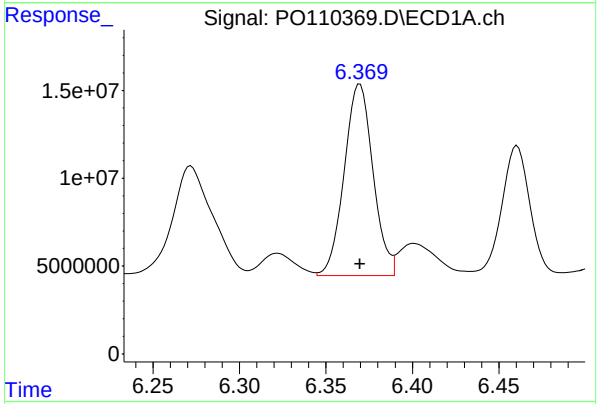
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 202780419
Conc: 261.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



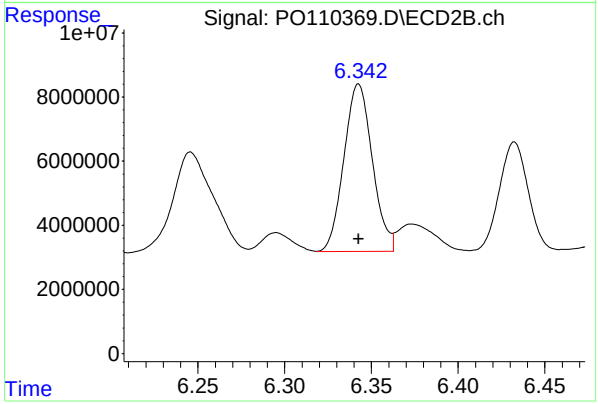
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 104355598
Conc: 261.97 ng/ml



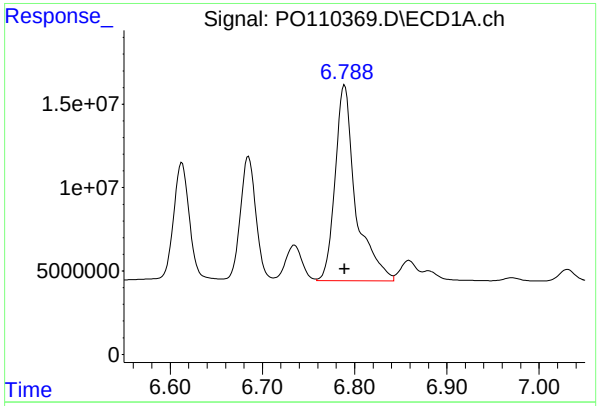
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 126348606
Conc: 261.91 ng/ml



#29 AR-1254-4

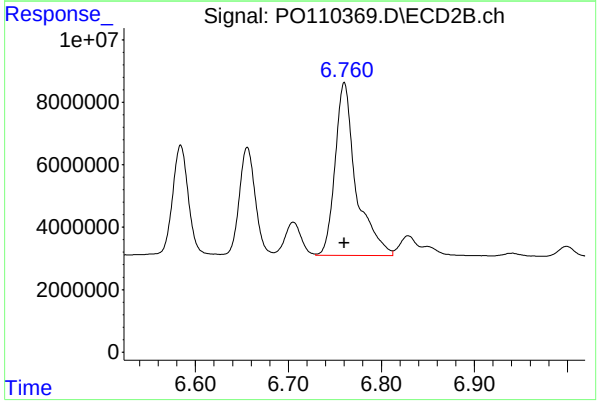
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 59656850
Conc: 263.33 ng/ml



#30 AR-1254-5

R.T.: 6.789 min
Delta R.T.: 0.000 mi
Response: 181141571
Conc: 262.64 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 86716902
Conc: 265.84 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:02
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:28:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	41787473	23807736	4.800	4.855
2)	SA Decachlor...	8.732	8.682	43595137	10662424	5.337	5.561
	Target Compounds						
26)	L6 AR-1254-1	5.587	5.566	29959251	16970498	53.691	56.287
27)	L6 AR-1254-2	5.736	5.713	26243794	15074639	54.033	56.953
28)	L6 AR-1254-3	6.141	6.115	40497442	21185447	51.706	52.515
29)	L6 AR-1254-4	6.370	6.343	25419174	12119451	52.131	52.759
30)	L6 AR-1254-5	6.790	6.760	37285913	17832984	53.197	53.667

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

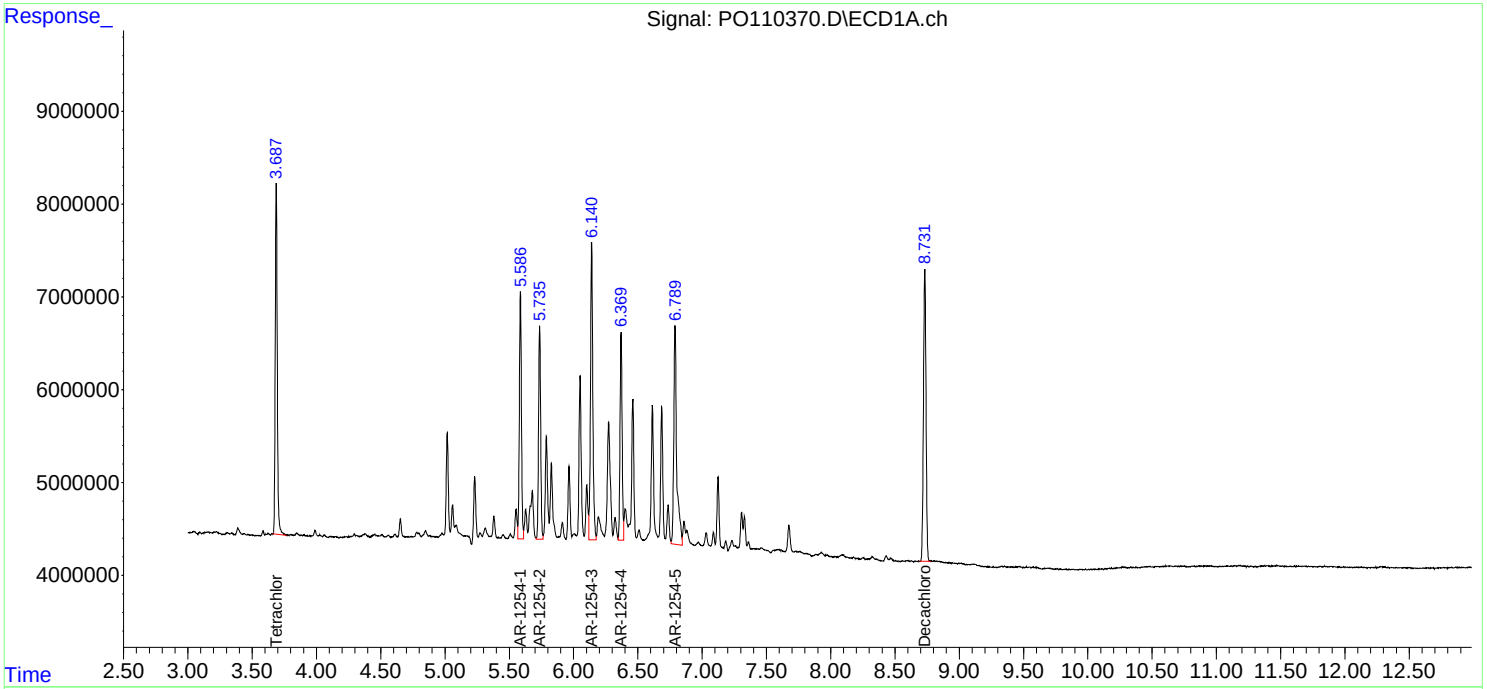
ICAL Form

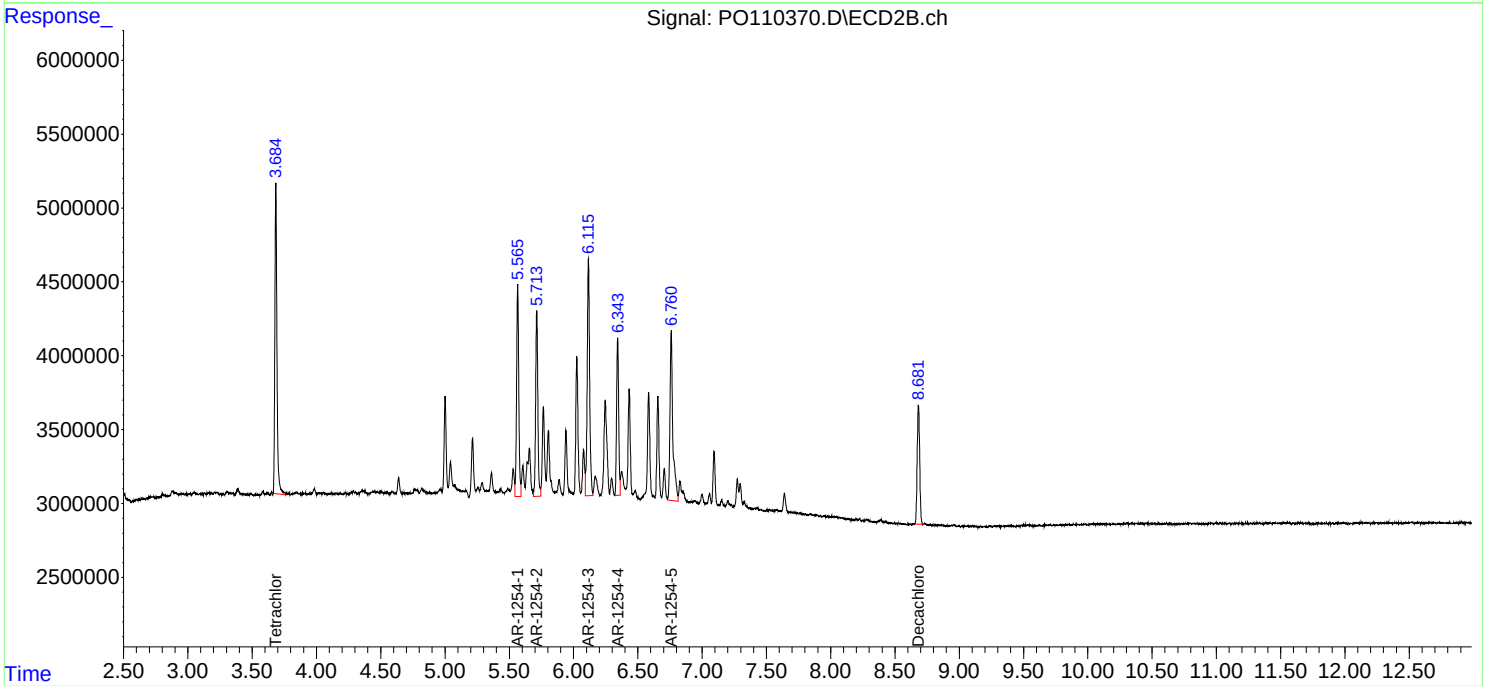
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:02
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

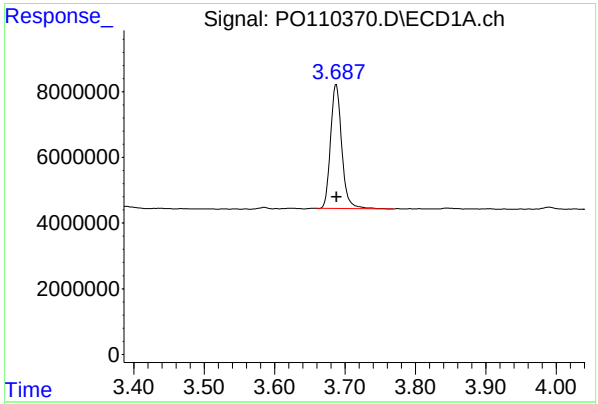
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:28:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



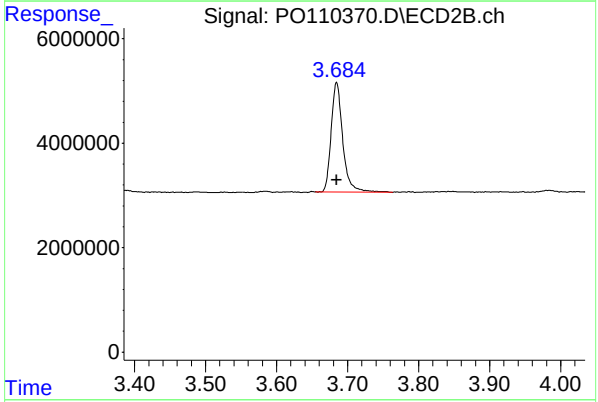




#1 Tetrachloro-m-xylene

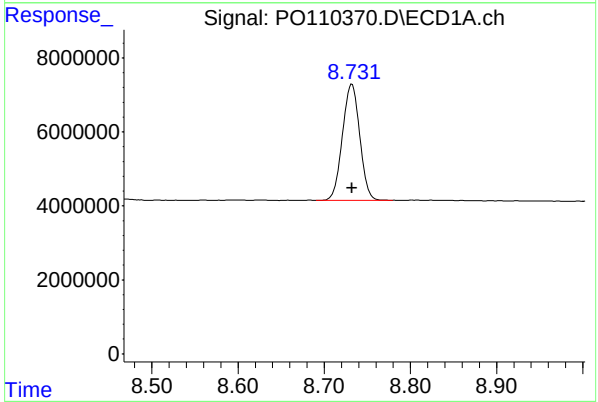
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 41787473
Conc: 4.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



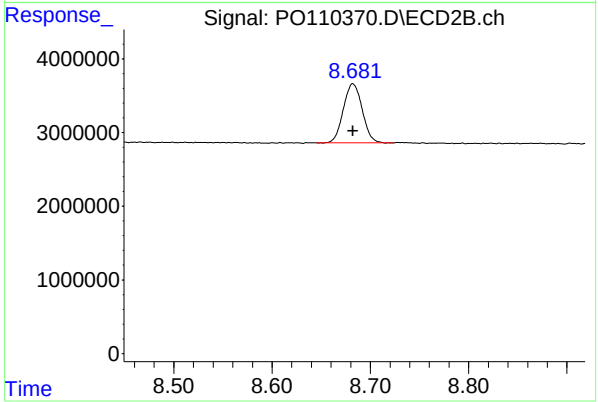
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 23807736
Conc: 4.86 ng/ml



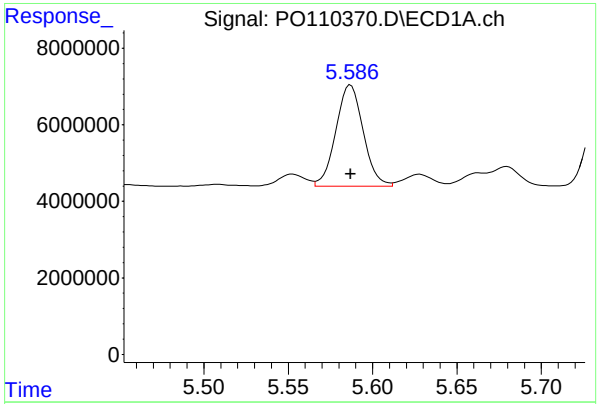
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 43595137
Conc: 5.34 ng/ml



#2 Decachlorobiphenyl

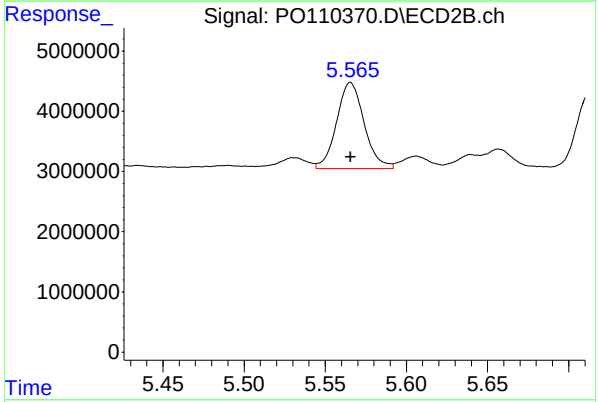
R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 10662424
Conc: 5.56 ng/ml



#26 AR-1254-1

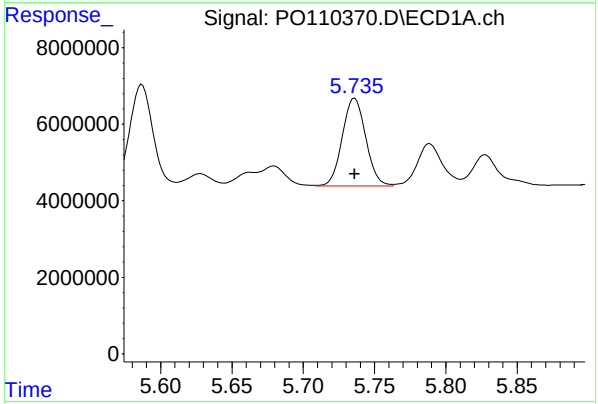
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 29959251
Conc: 53.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



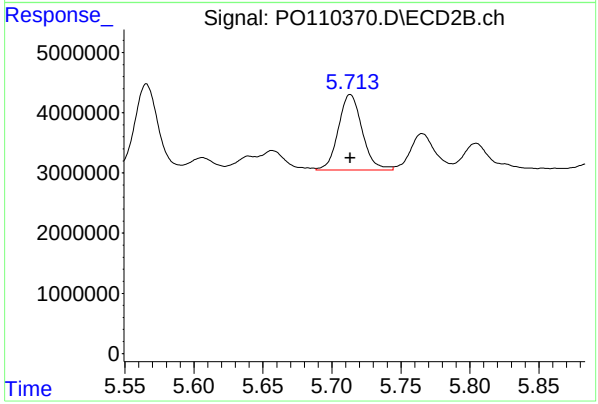
#26 AR-1254-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 16970498
Conc: 56.29 ng/ml



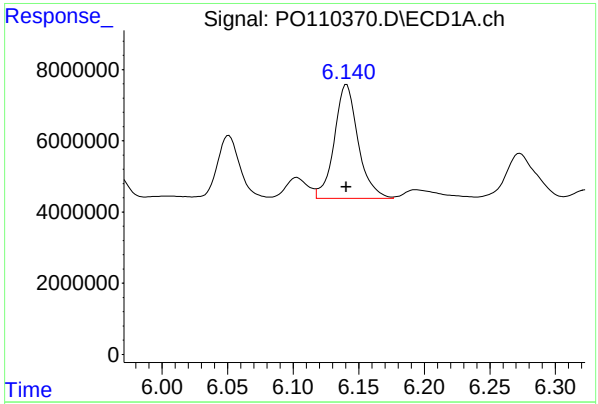
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 26243794
Conc: 54.03 ng/ml



#27 AR-1254-2

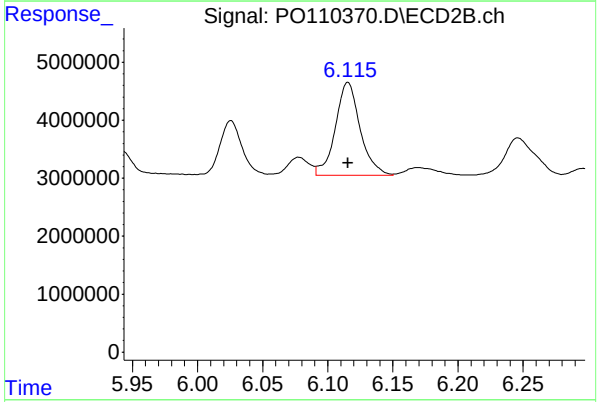
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 15074639
Conc: 56.95 ng/ml



#28 AR-1254-3

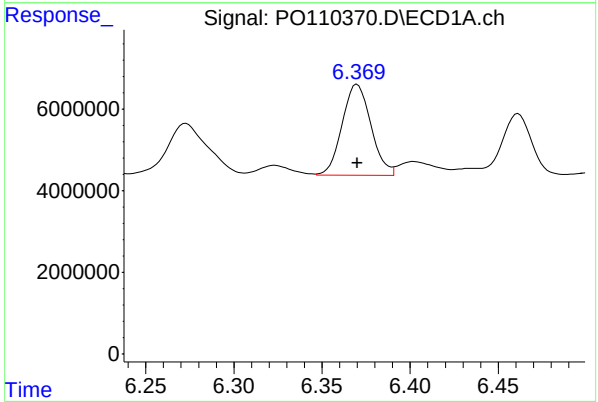
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 40497442
Conc: 51.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



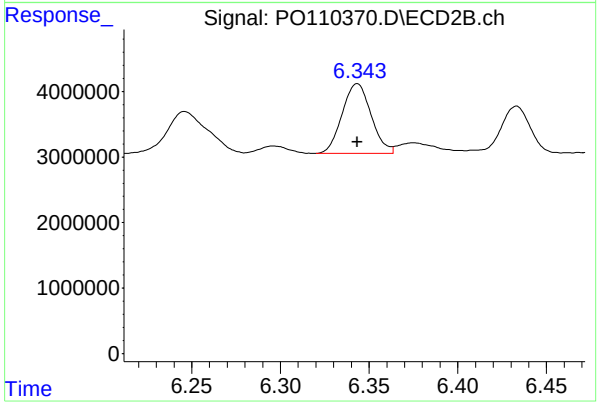
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 21185447
Conc: 52.52 ng/ml



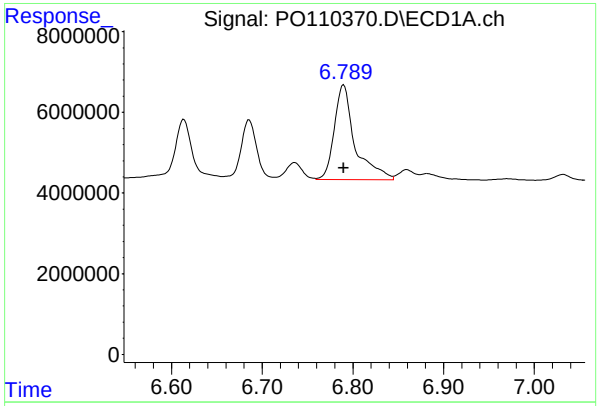
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 25419174
Conc: 52.13 ng/ml



#29 AR-1254-4

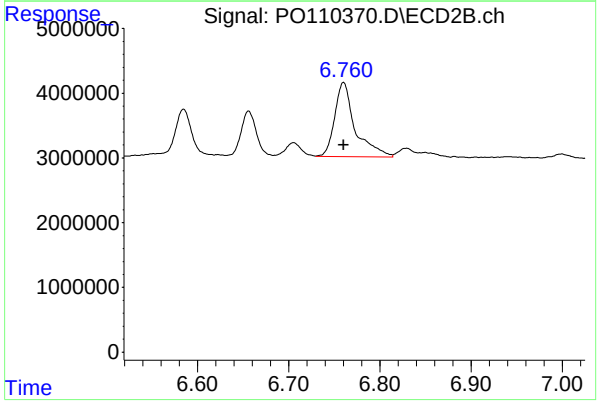
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 12119451
Conc: 52.76 ng/ml



#30 AR-1254-5

R.T.: 6.790 min
Delta R.T.: 0.000 mi
Response: 37285913
Conc: 53.20 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 17832984
Conc: 53.67 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:20
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:33:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:33:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.685	436.1E6	244.3E6	50.000	50.000
2)	SA Decachlor...	8.732	8.684	395.3E6	92706545	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.829	6.799	350.7E6	164.7E6	500.000	500.000
37)	L8 AR-1262-2	7.331	7.298	603.9E6	254.2E6	500.000	500.000
38)	L8 AR-1262-3	7.615	7.581	254.6E6	96815138	500.000	500.000
39)	L8 AR-1262-4	7.679	7.644	448.1E6	173.5E6	500.000	500.000
40)	L8 AR-1262-5	8.175	8.137	201.5E6	62297516	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

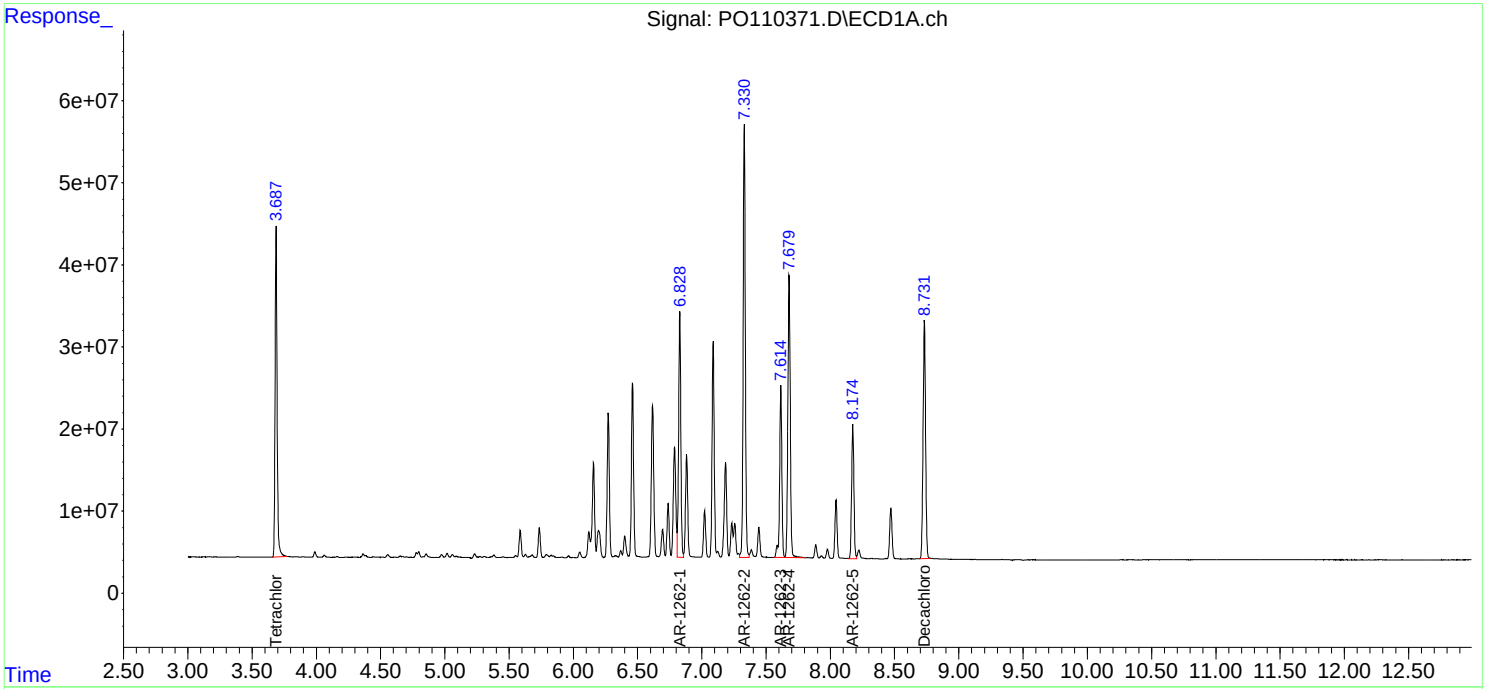
ICAL Form

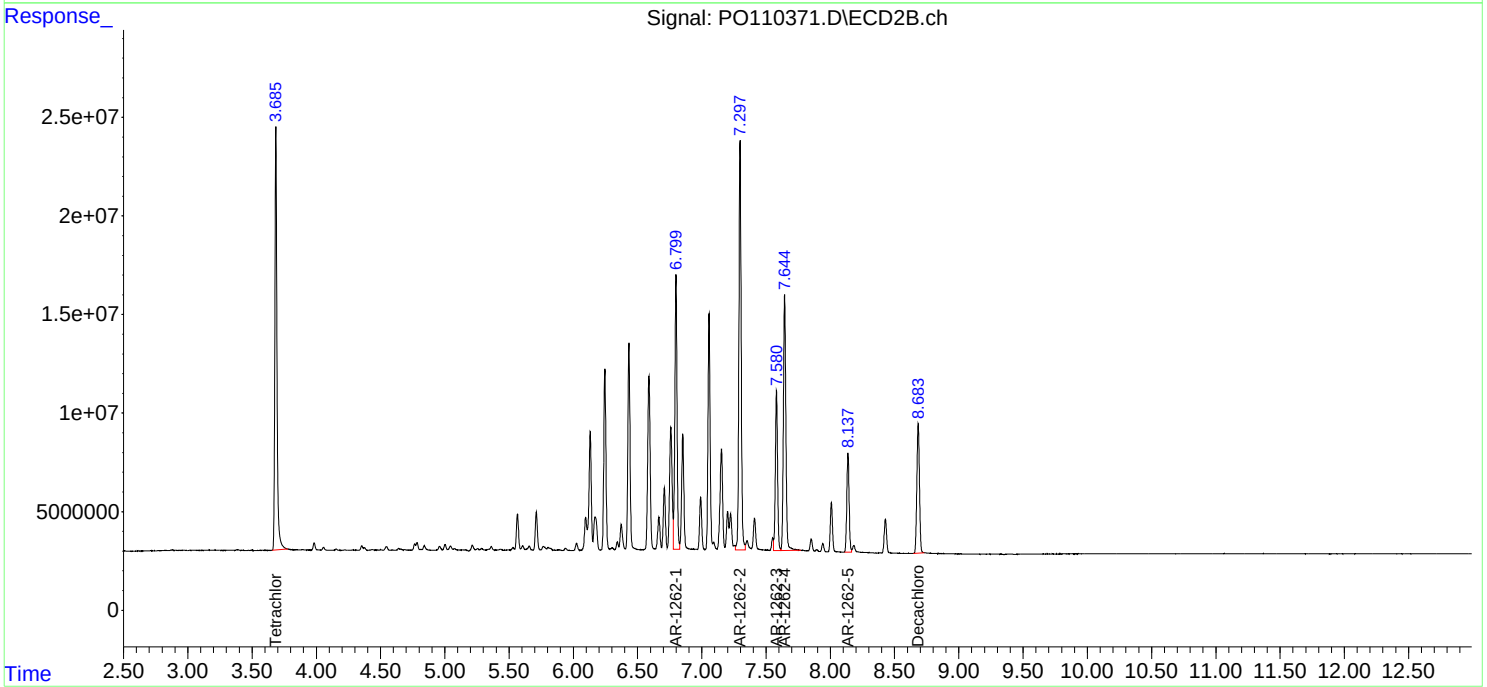
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:20
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

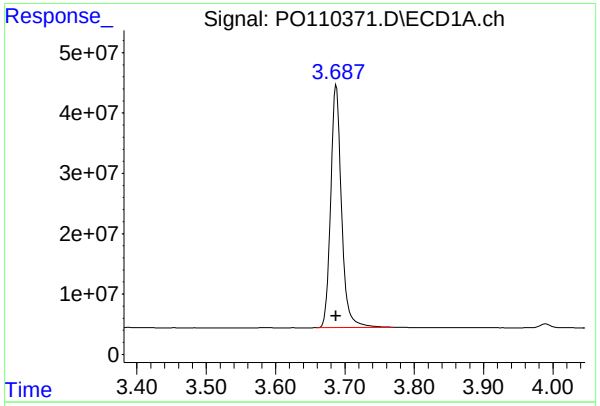
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 16:33:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 16:33:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



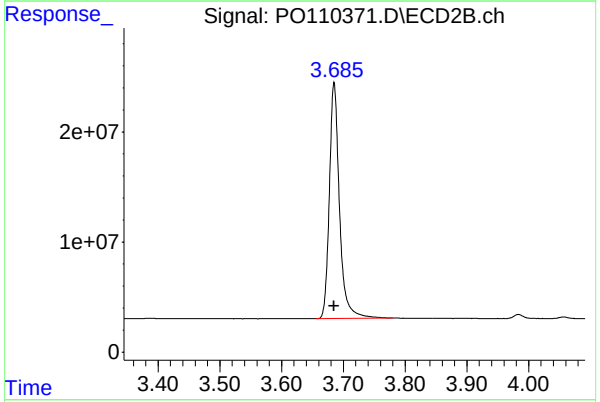




#1 Tetrachloro-m-xylene

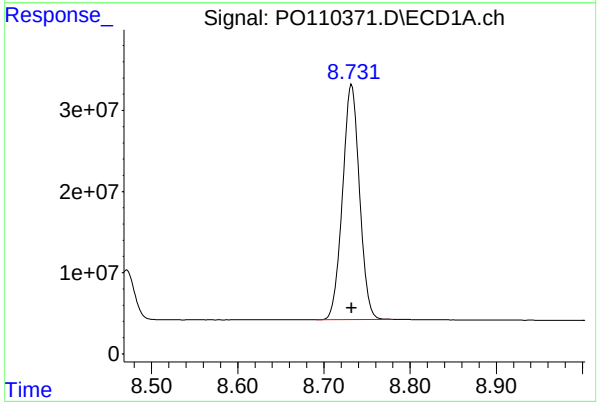
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 436096183
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



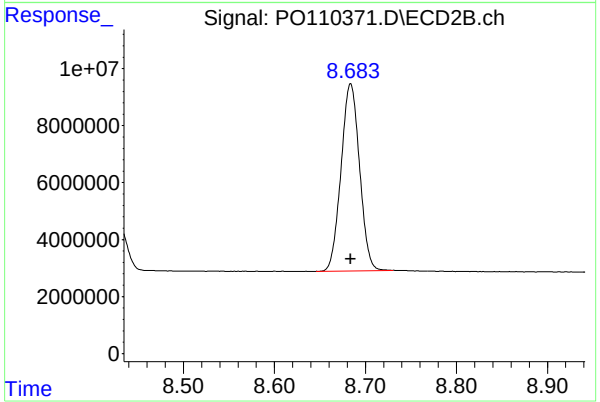
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 244331831
Conc: 50.00 ng/ml



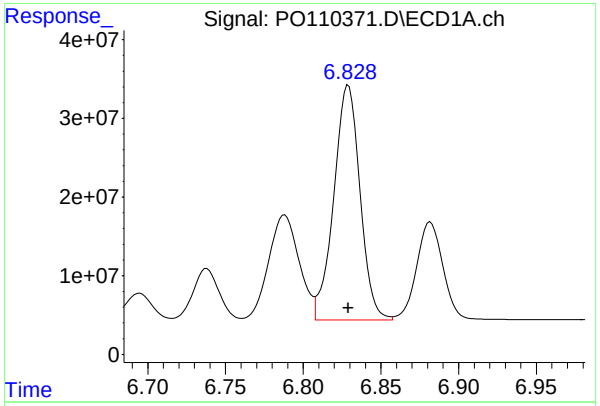
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 395295598
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

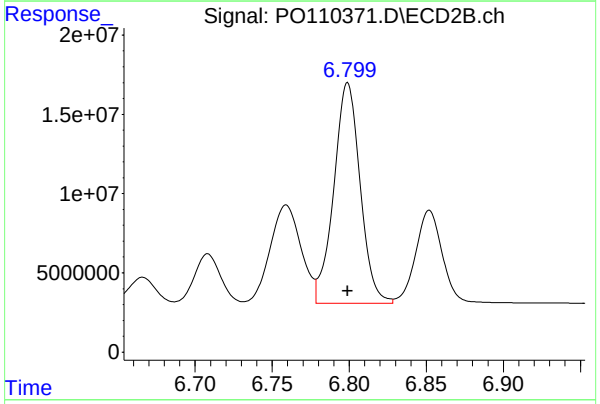
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 92706545
Conc: 50.00 ng/ml



#36 AR-1262-1

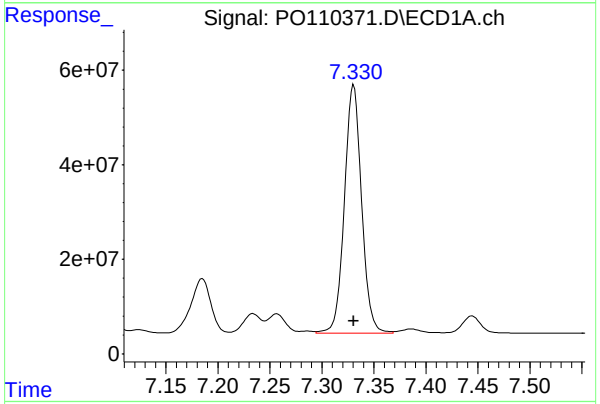
R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 350729274
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



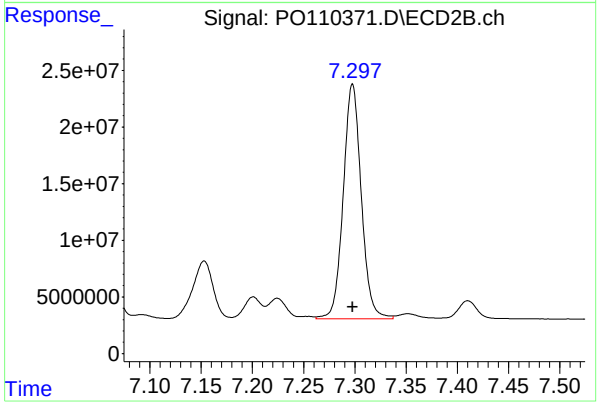
#36 AR-1262-1

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 164669723
Conc: 500.00 ng/ml



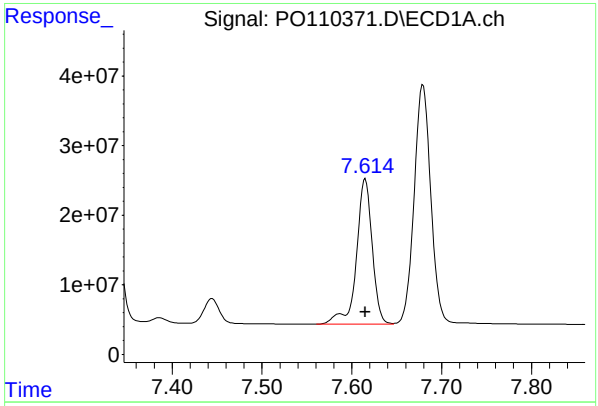
#37 AR-1262-2

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 603868004
Conc: 500.00 ng/ml



#37 AR-1262-2

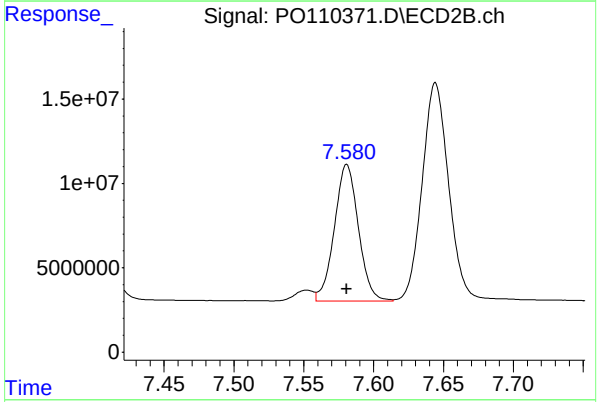
R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 254228551
Conc: 500.00 ng/ml



#38 AR-1262-3

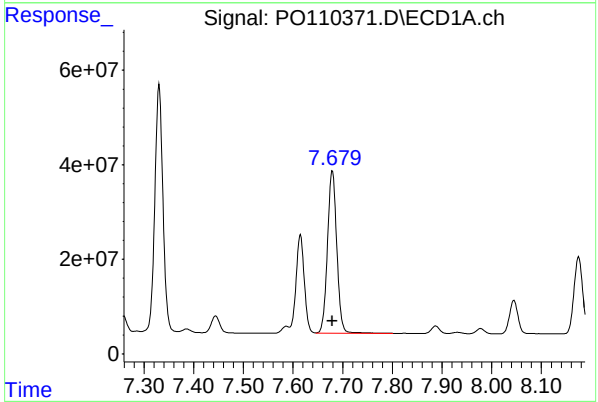
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 254551820
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



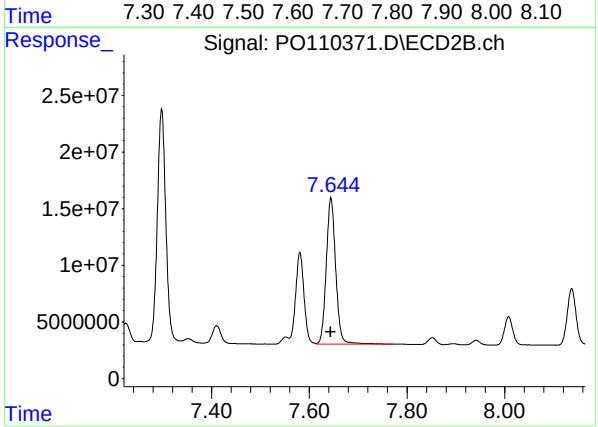
#38 AR-1262-3

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 96815138
Conc: 500.00 ng/ml



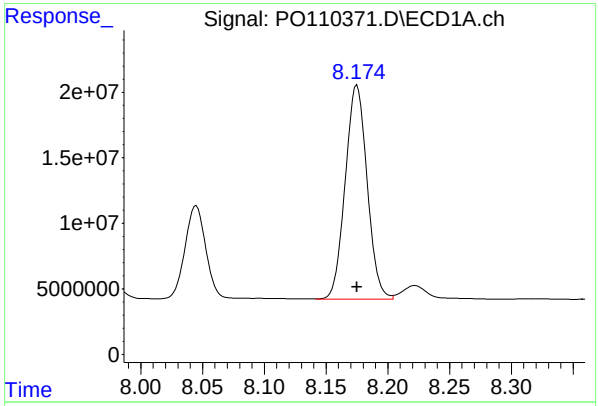
#39 AR-1262-4

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 448136894
Conc: 500.00 ng/ml



#39 AR-1262-4

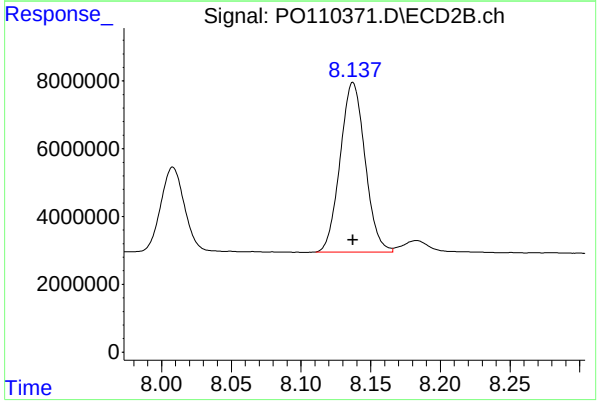
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 173526656
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 201497456
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 62297516
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:38
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:27:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.684	884.3E6	497.4E6	102.204	102.064
2)	SA Decachlor...	8.732	8.684	1400.9E6	301.8E6	98.671	95.869
	Target Compounds						
41)	L9 AR-1268-1	7.615	7.581	1383.6E6	525.2E6	990.863	980.668
42)	L9 AR-1268-2	7.680	7.646	1284.7E6	480.6E6	996.216	982.242
43)	L9 AR-1268-3	7.887	7.852	1040.5E6	351.9E6	994.813	974.012
44)	L9 AR-1268-4	8.175	8.137	443.2E6	132.4E6	1001.524	967.863
45)	L9 AR-1268-5	8.471	8.429	3289.1E6	751.7E6	1000.454	973.760

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

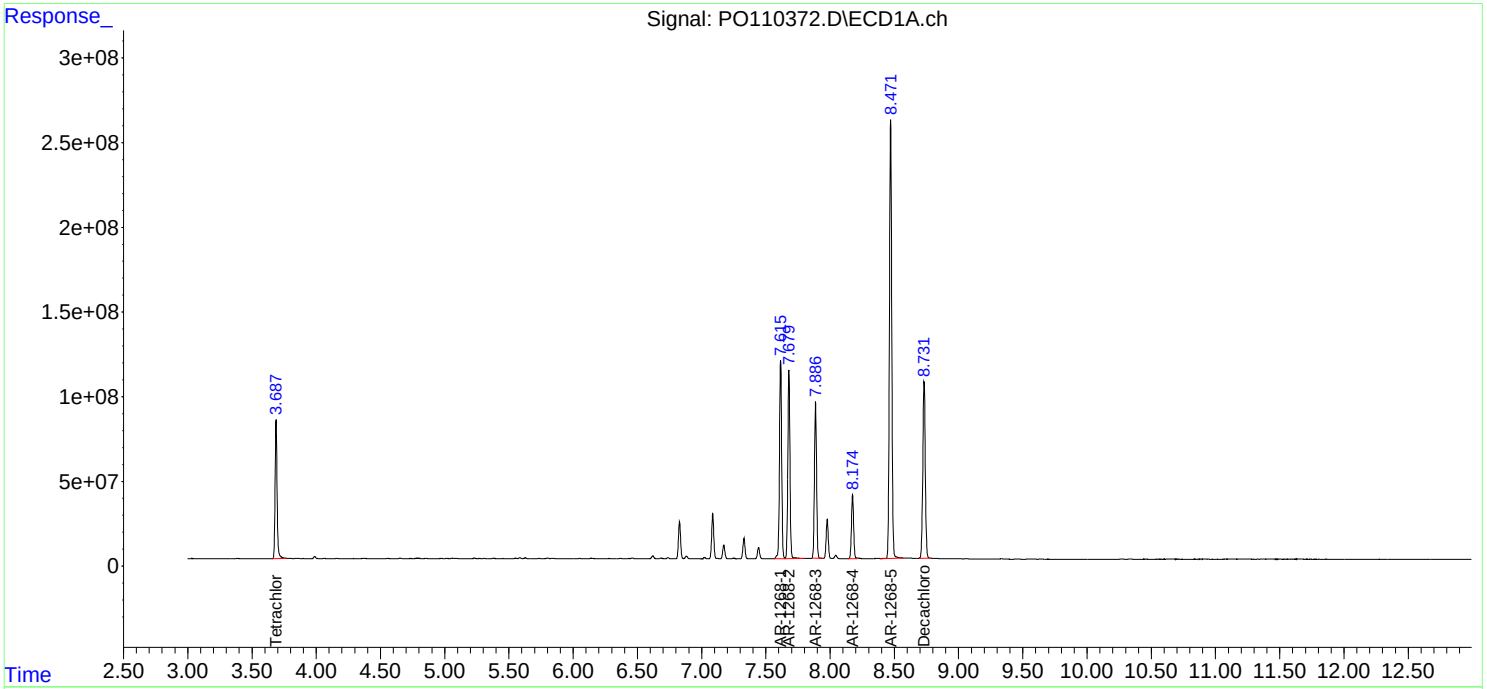
ICAL Form

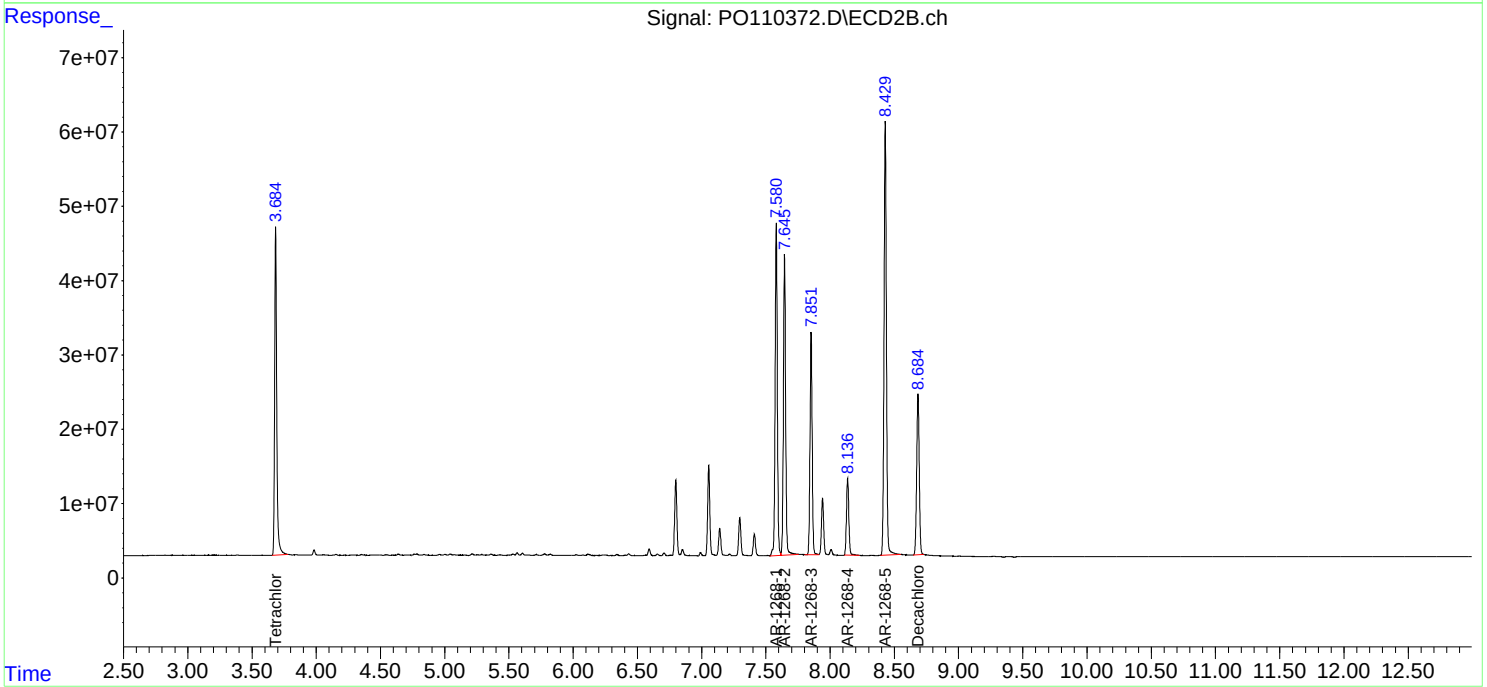
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:38
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

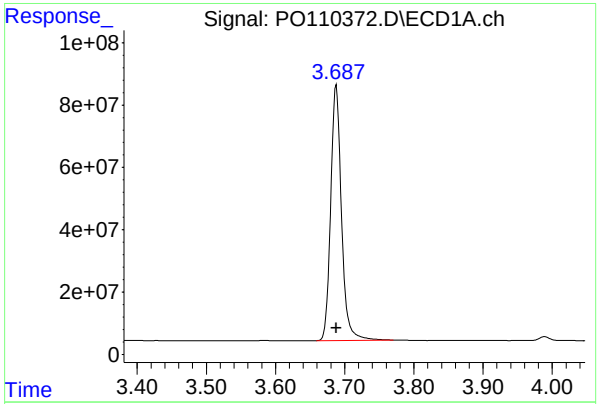
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:27:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



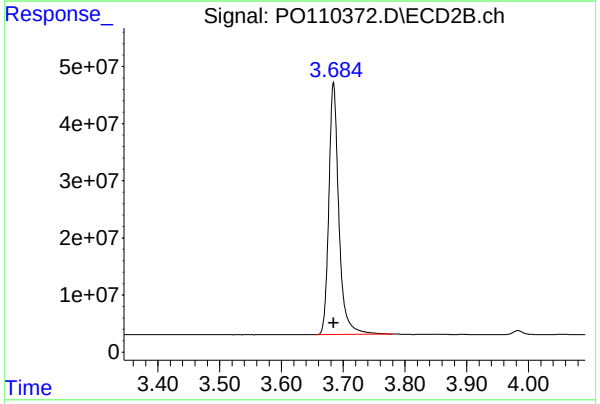




#1 Tetrachloro-m-xylene

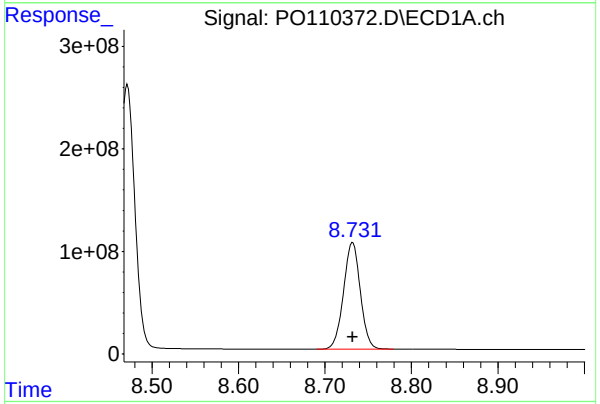
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 884275602
Conc: 102.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



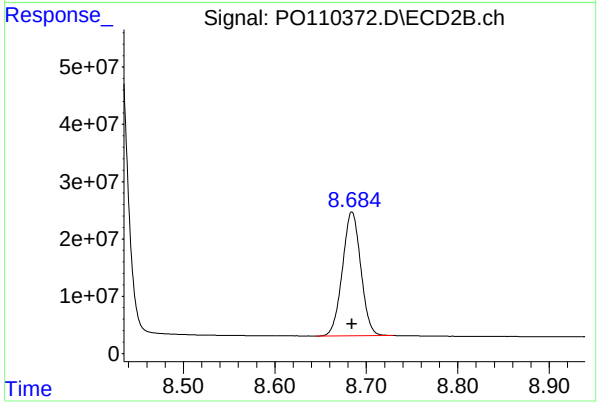
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 497380509
Conc: 102.06 ng/ml



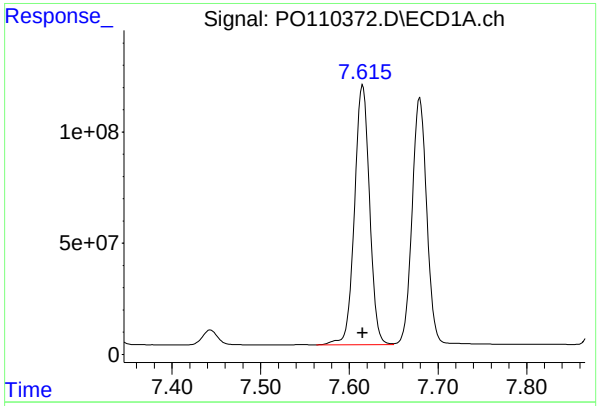
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 1400878204
Conc: 98.67 ng/ml



#2 Decachlorobiphenyl

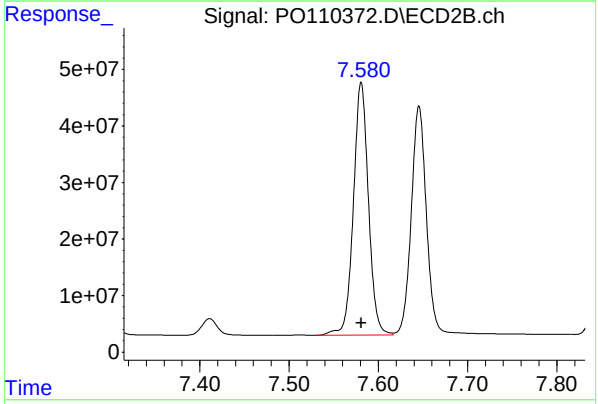
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 301839224
Conc: 95.87 ng/ml



#41 AR-1268-1

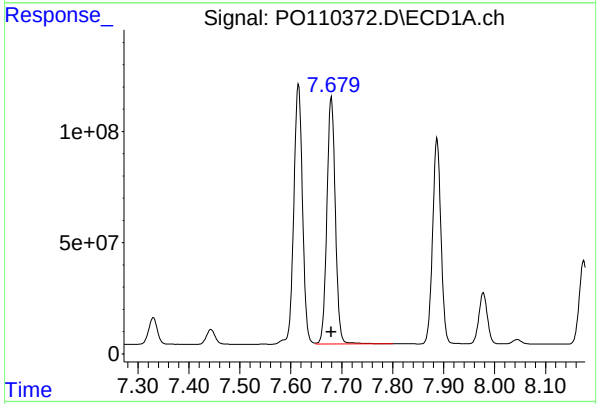
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 1383597022
Conc: 990.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



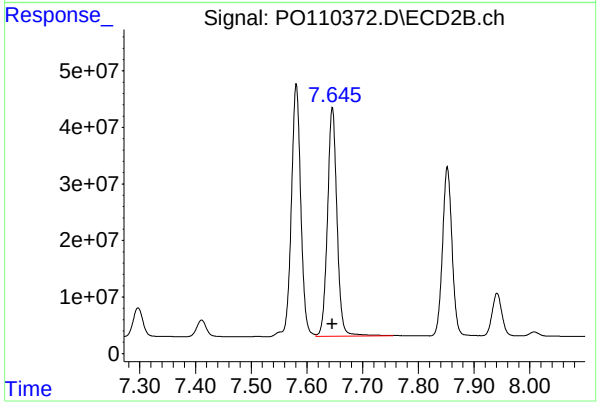
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 525182929
Conc: 980.67 ng/ml



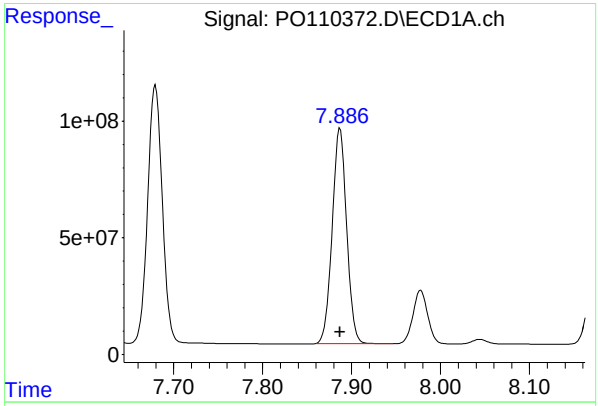
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 1284666762
Conc: 996.22 ng/ml



#42 AR-1268-2

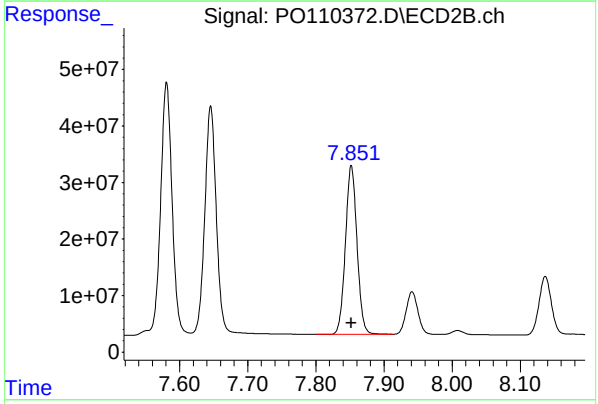
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 480641047
Conc: 982.24 ng/ml



#43 AR-1268-3

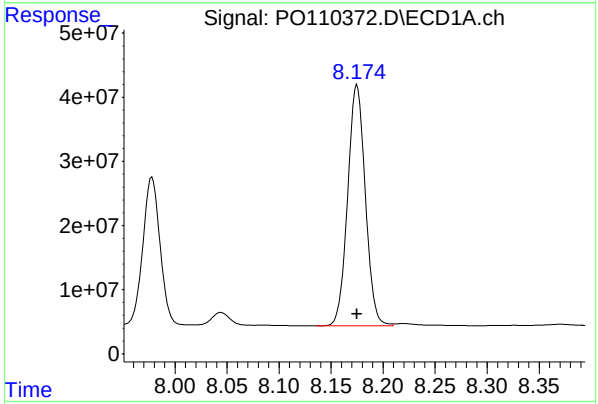
R.T.: 7.887 min
Delta R.T.: 0.000 mi
Response: 1040477449
Conc: 994.81 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



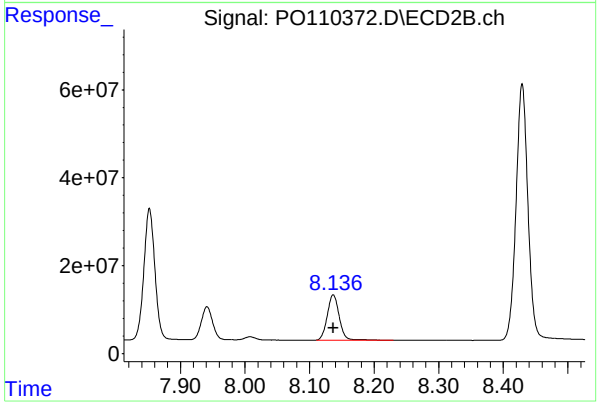
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: 0.000 min
Response: 351934435
Conc: 974.01 ng/ml



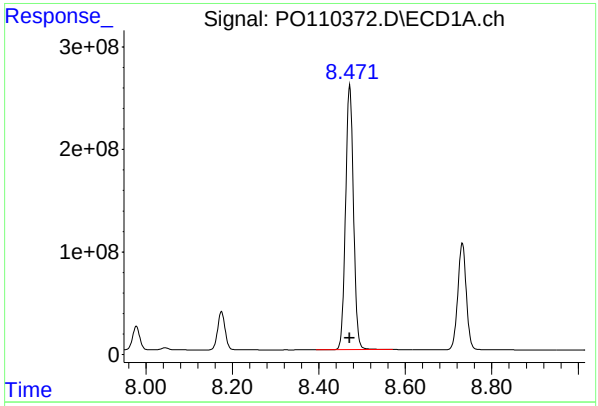
#44 AR-1268-4

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 443191011
Conc: 1001.52 ng/ml



#44 AR-1268-4

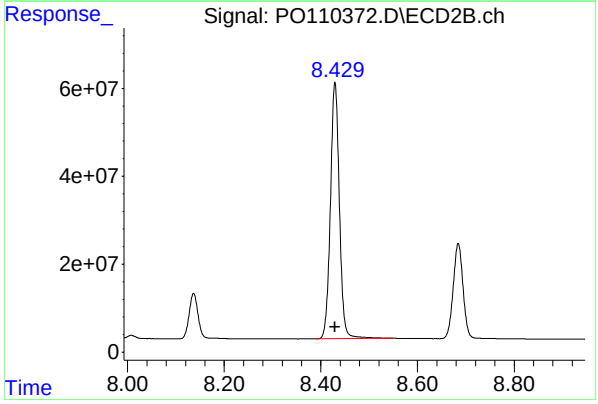
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 132381746
Conc: 967.86 ng/ml



#45 AR-1268-5

R.T.: 8.471 min
Delta R.T.: 0.000 mi
Response: 3289098269
Conc: 1000.45 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 751733306
Conc: 973.76 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:57
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:31:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	651.4E6	366.7E6	75.195	75.170
2)	SA Decachlor...	8.730	8.684	1067.4E6	237.5E6	75.123	75.295
	Target Compounds						
41)	L9 AR-1268-1	7.614	7.580	1047.9E6	404.2E6	750.320	753.161
42)	L9 AR-1268-2	7.679	7.645	973.0E6	367.9E6	752.993	751.271
43)	L9 AR-1268-3	7.886	7.851	784.9E6	272.0E6	750.332	751.923
44)	L9 AR-1268-4	8.174	8.137	317.2E6	102.1E6	727.594	747.479
45)	L9 AR-1268-5	8.472	8.428	2465.3E6	581.7E6	749.920	752.311

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

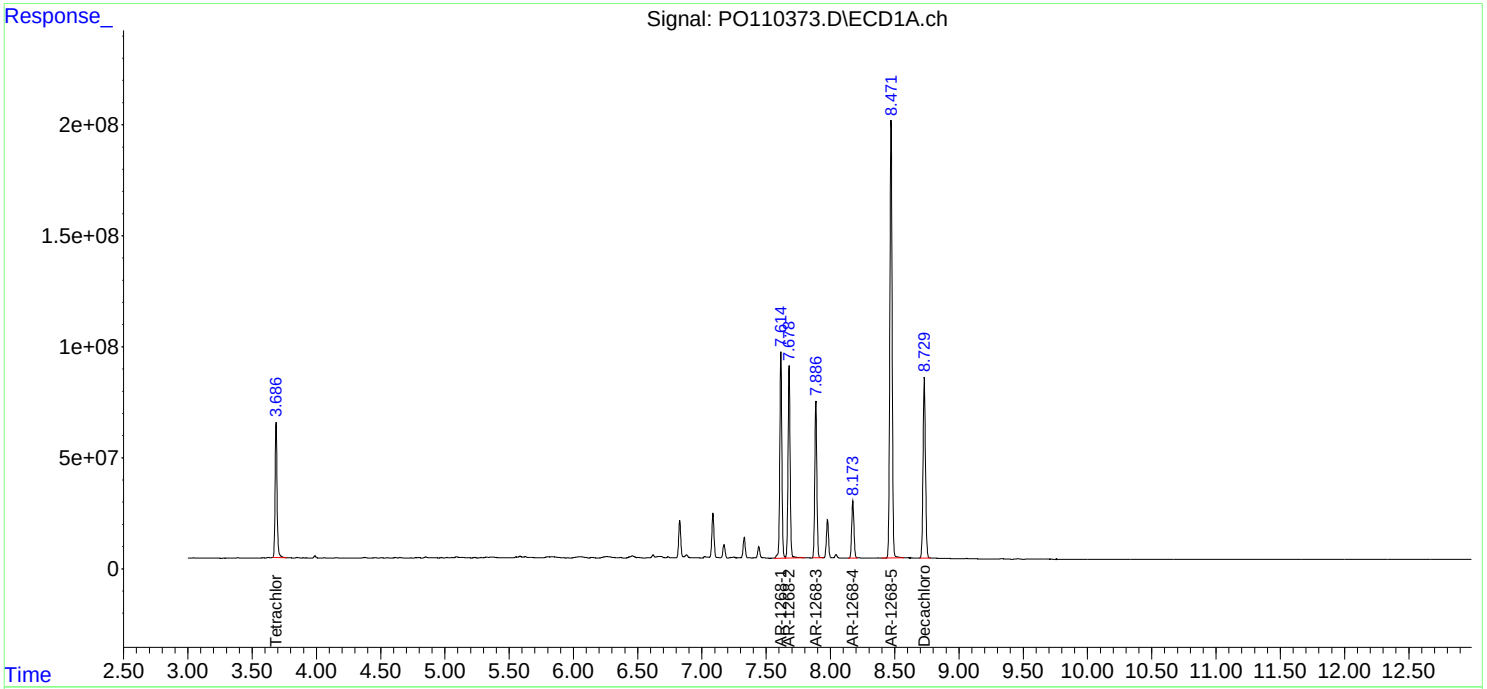
ICAL Form

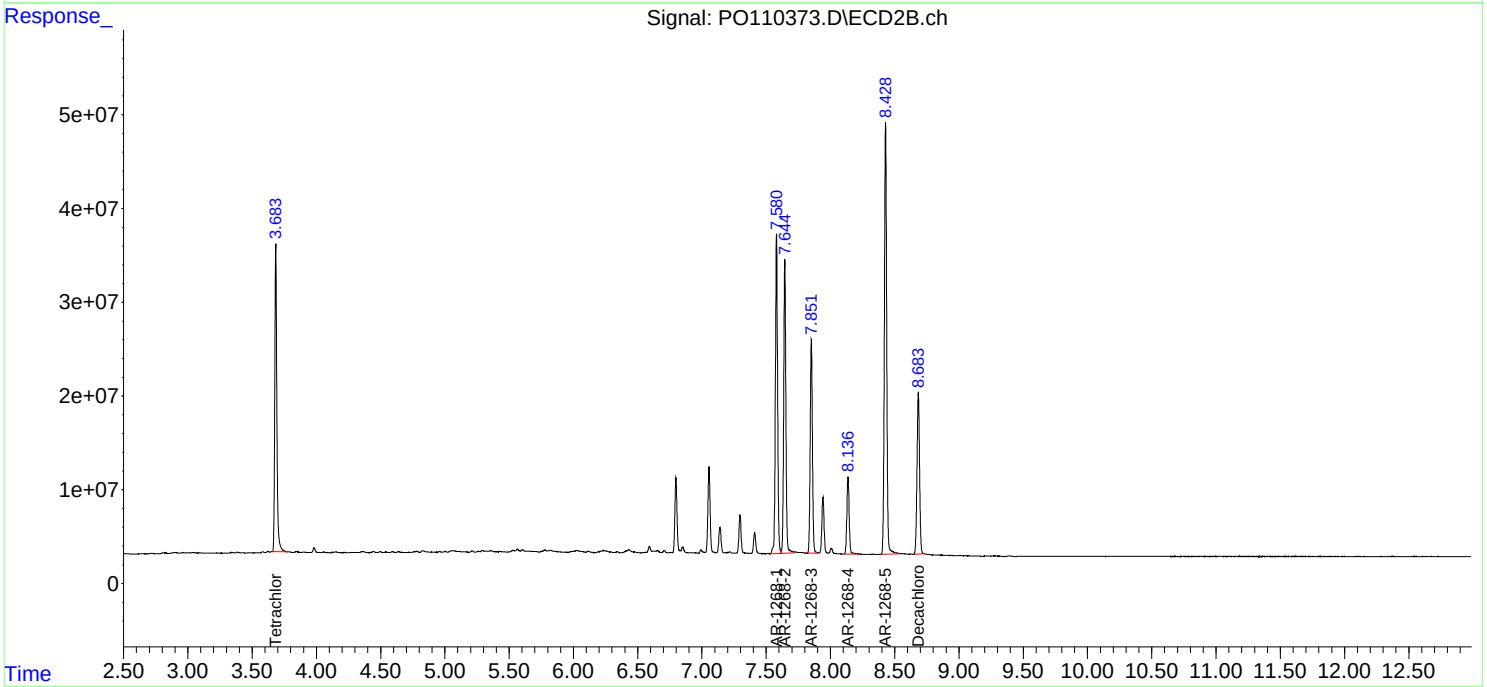
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 16:57
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

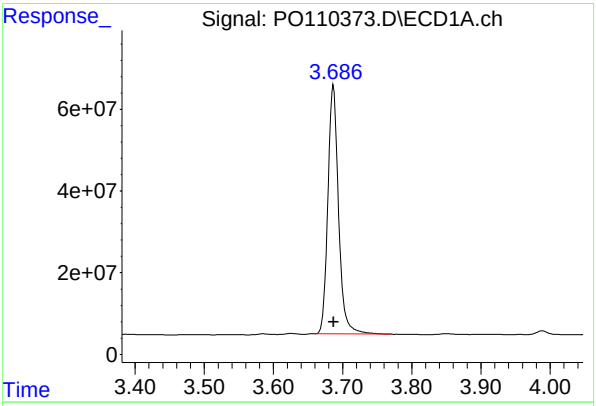
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:31:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



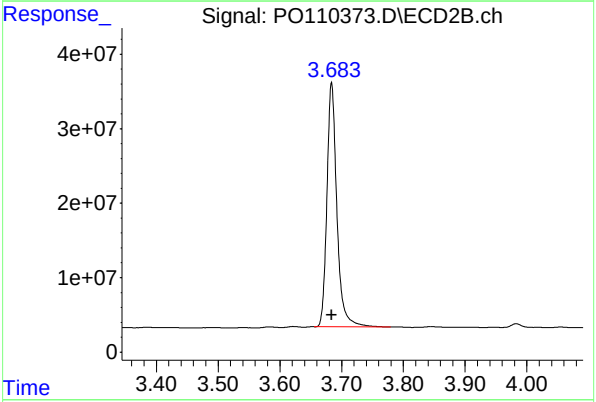




#1 Tetrachloro-m-xylene

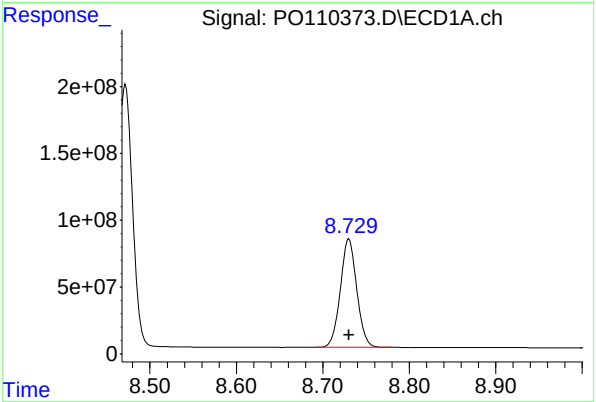
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 651437343
Conc: 75.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



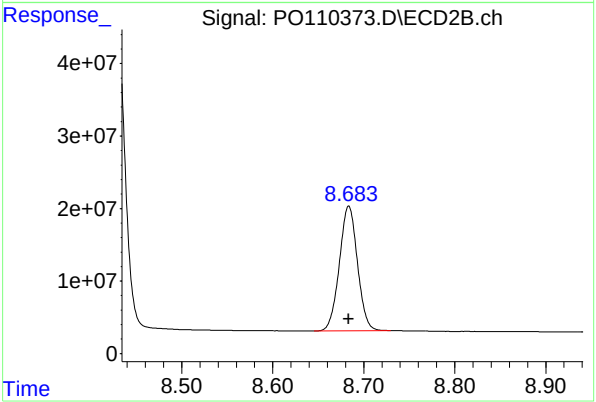
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 366737670
Conc: 75.17 ng/ml



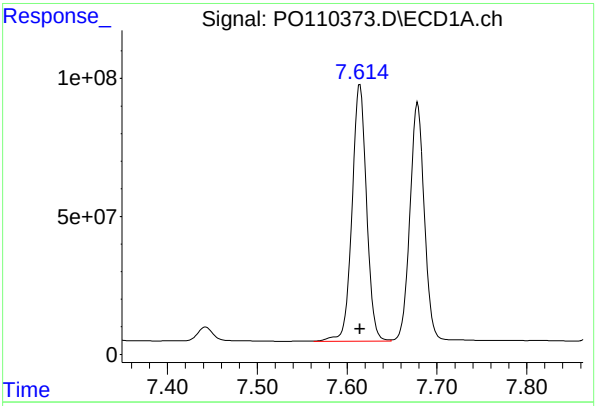
#2 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: 0.000 min
Response: 1067430568
Conc: 75.12 ng/ml



#2 Decachlorobiphenyl

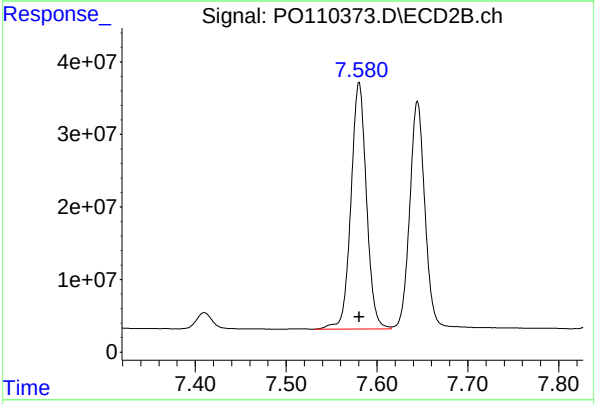
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 237530036
Conc: 75.30 ng/ml



#41 AR-1268-1

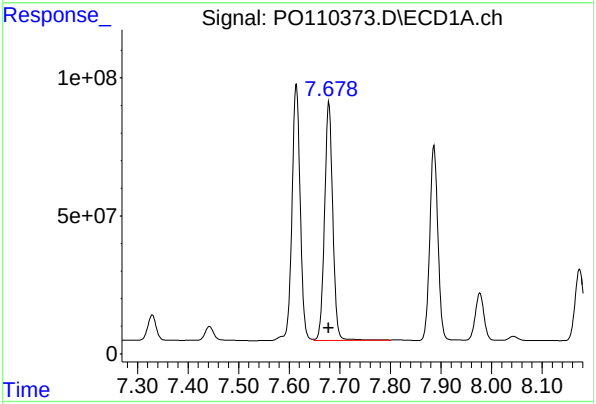
R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 1047935900
Conc: 750.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



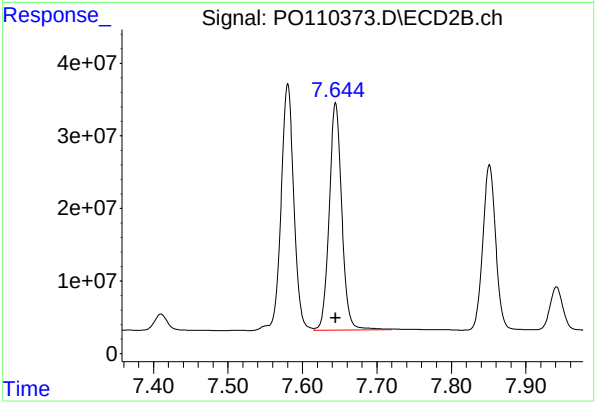
#41 AR-1268-1

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 404196449
Conc: 753.16 ng/ml



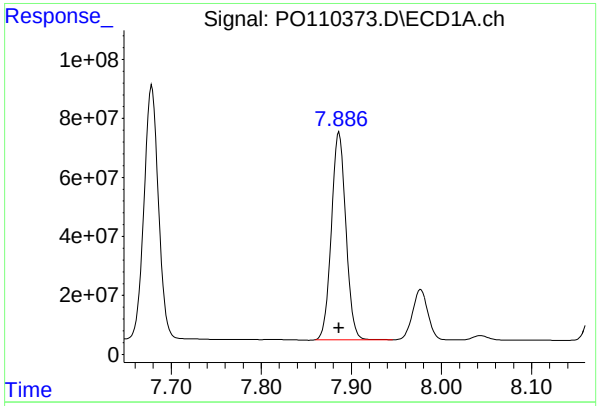
#42 AR-1268-2

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 972960332
Conc: 752.99 ng/ml



#42 AR-1268-2

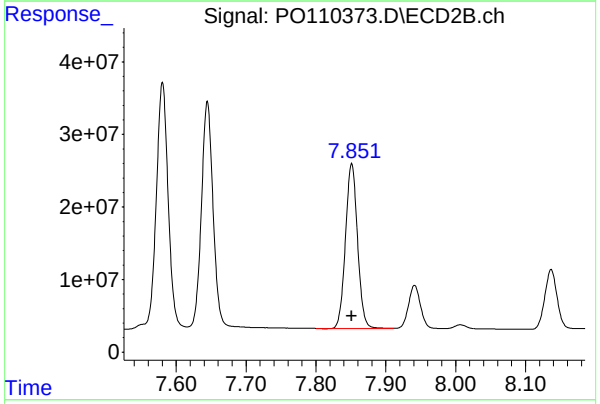
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 367932036
Conc: 751.27 ng/ml



#43 AR-1268-3

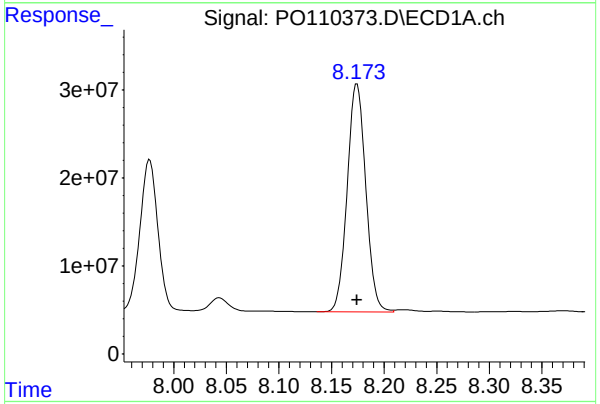
R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 784947577
Conc: 750.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



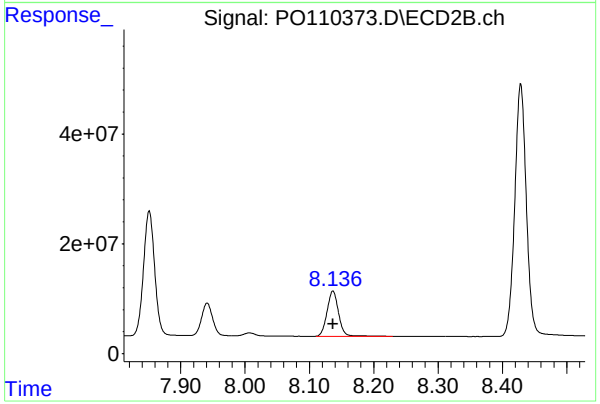
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.000 min
Response: 272037162
Conc: 751.92 ng/ml



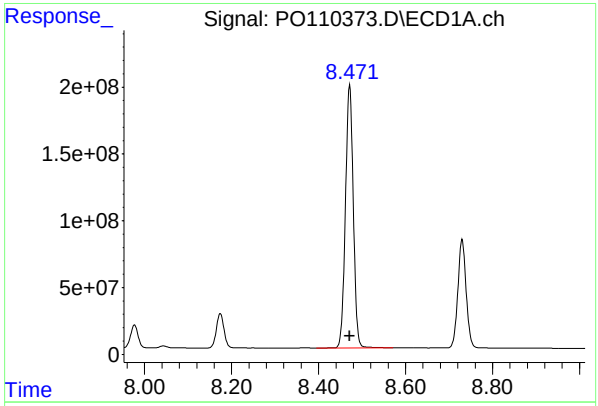
#44 AR-1268-4

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 317233528
Conc: 727.59 ng/ml



#44 AR-1268-4

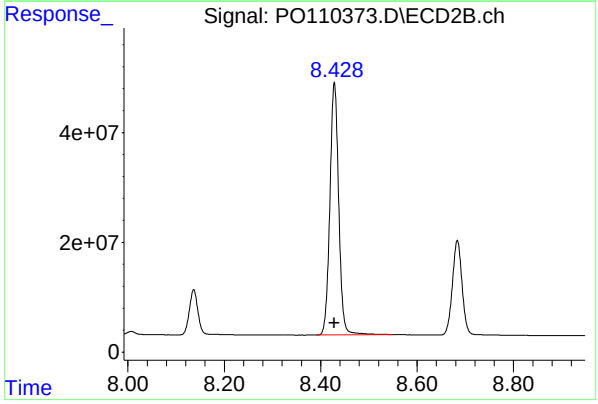
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 102066560
Conc: 747.48 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 2465307486
Conc: 749.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 581672709
Conc: 752.31 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:15
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	423.1E6	238.6E6	50.000	50.000
2)	SA Decachlor...	8.732	8.684	719.3E6	163.9E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.615	7.580	704.6E6	272.9E6	500.000	500.000
42)	L9 AR-1268-2	7.680	7.645	647.2E6	249.0E6	500.000	500.000
43)	L9 AR-1268-3	7.887	7.851	525.7E6	185.4E6	500.000	500.000
44)	L9 AR-1268-4	8.175	8.137	220.9E6	70586461	500.000	500.000
45)	L9 AR-1268-5	8.472	8.429	1643.1E6	396.1E6	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

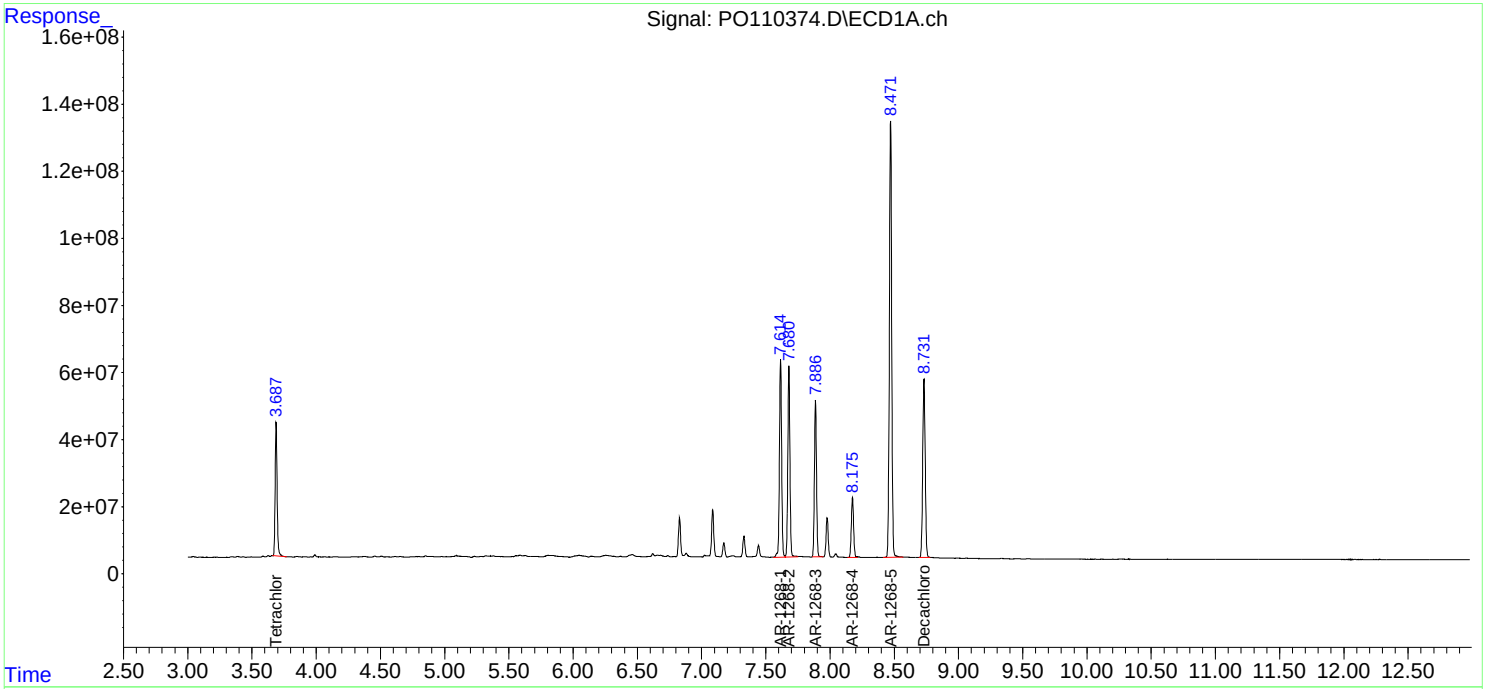
ICAL Form

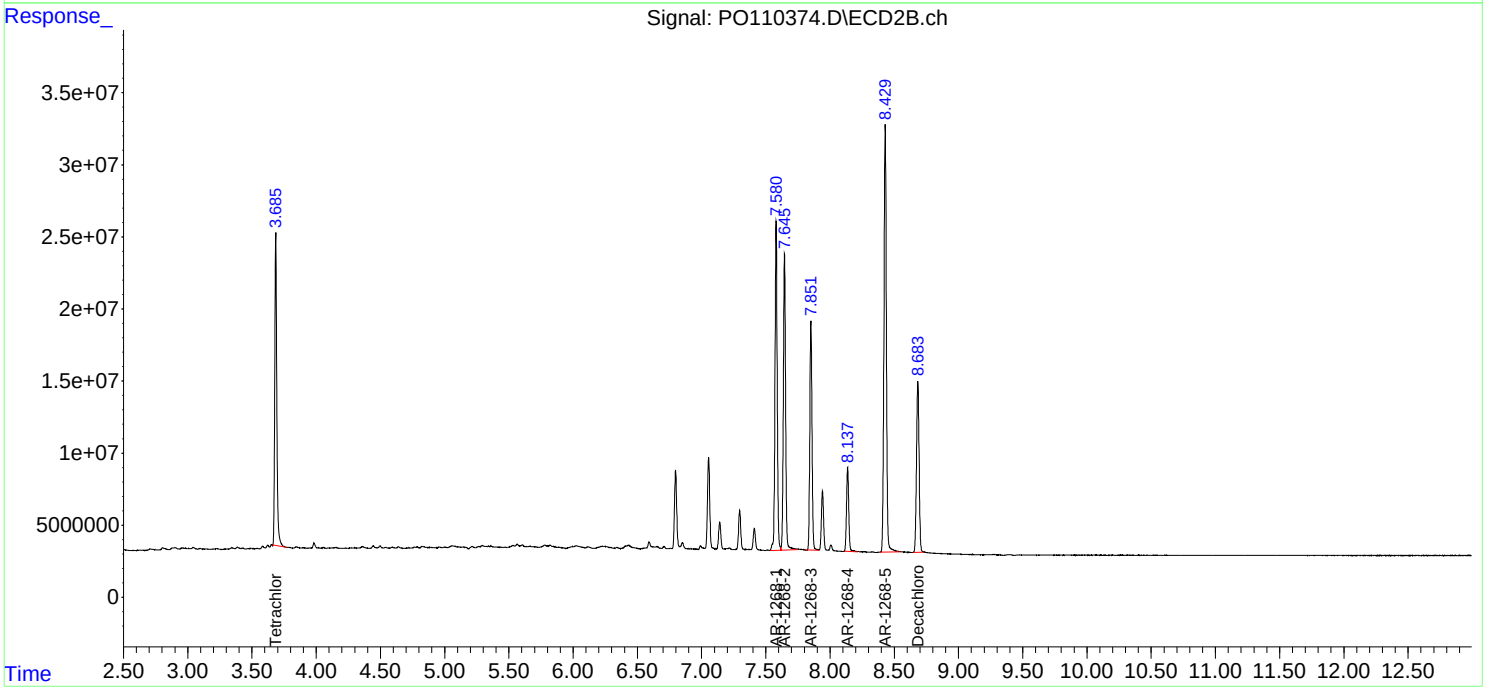
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:15
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

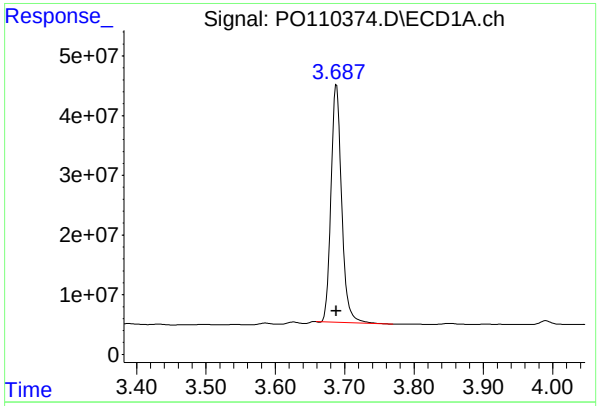
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



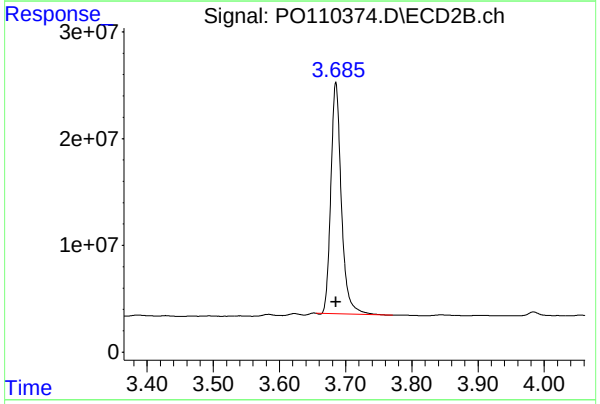




#1 Tetrachloro-m-xylene

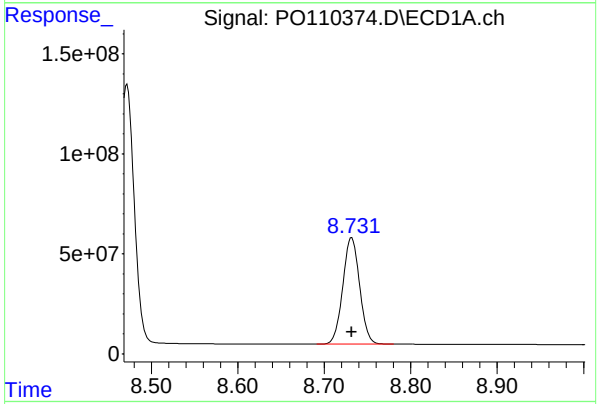
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 423067129
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



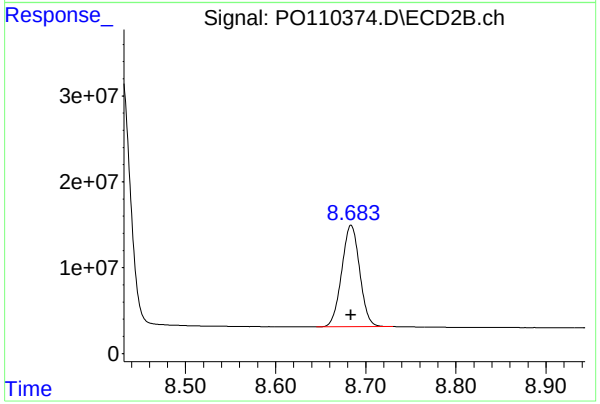
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 238629925
Conc: 50.00 ng/ml



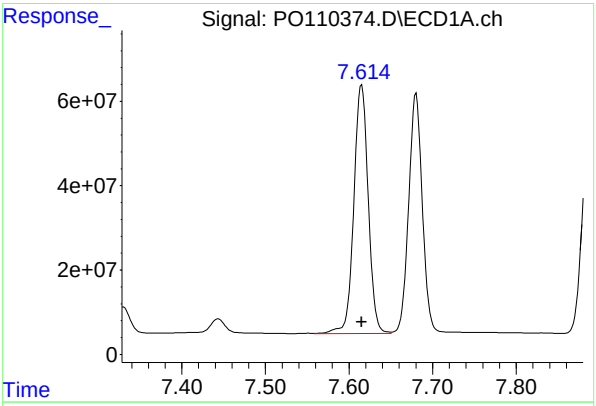
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 719312182
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

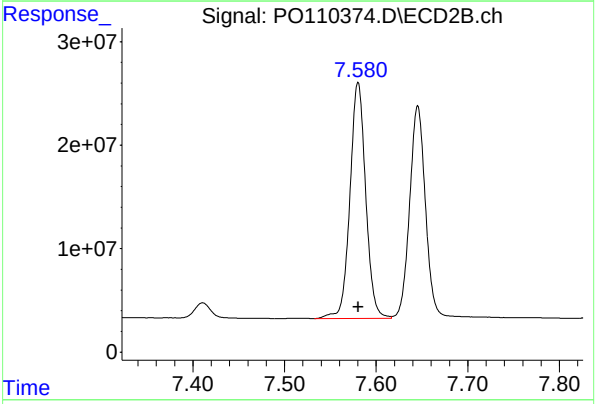
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 163925502
Conc: 50.00 ng/ml



#41 AR-1268-1

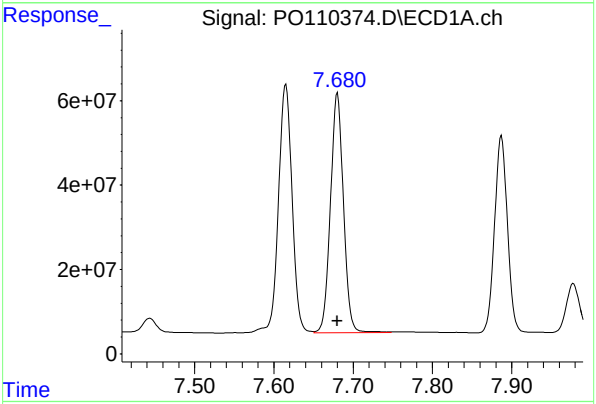
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 704556317
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



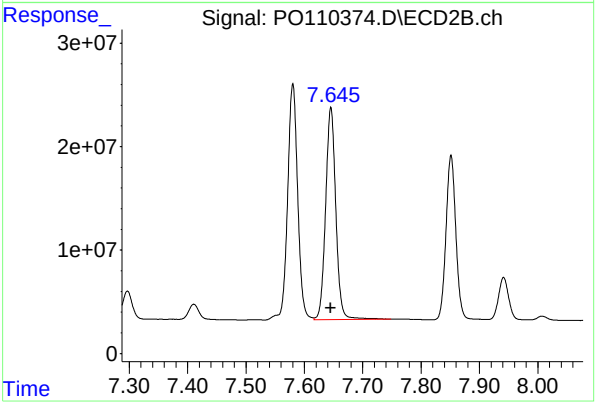
#41 AR-1268-1

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 272944304
Conc: 500.00 ng/ml



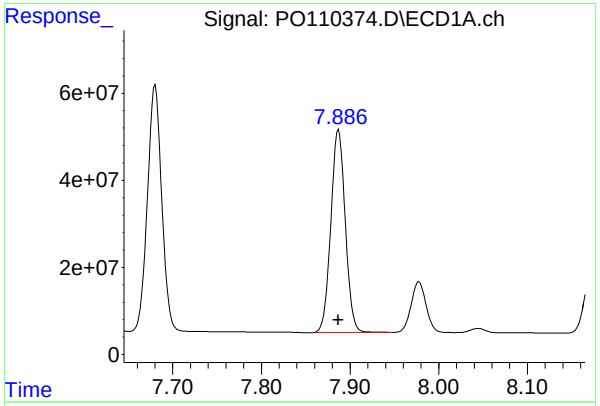
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 647213588
Conc: 500.00 ng/ml



#42 AR-1268-2

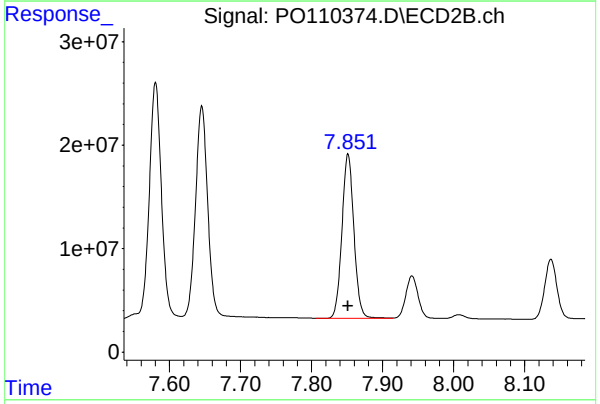
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 249010122
Conc: 500.00 ng/ml



#43 AR-1268-3

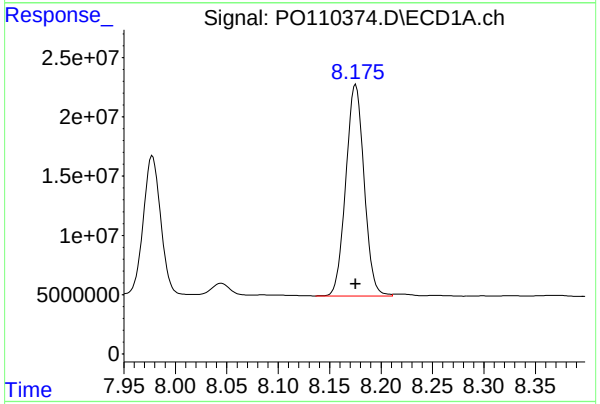
R.T.: 7.887 min
Delta R.T.: 0.000 mi
Response: 525663675
Conc: 500.00 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



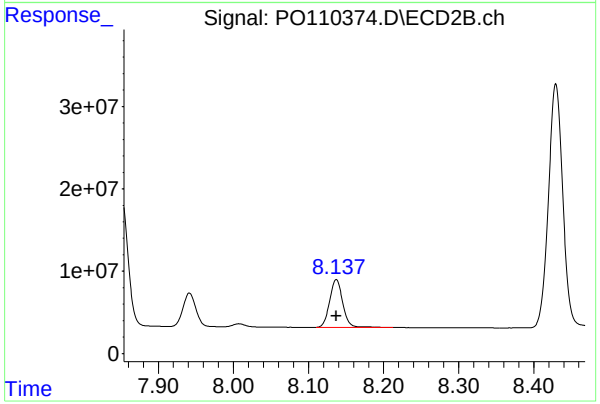
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.000 min
Response: 185357416
Conc: 500.00 ng/ml



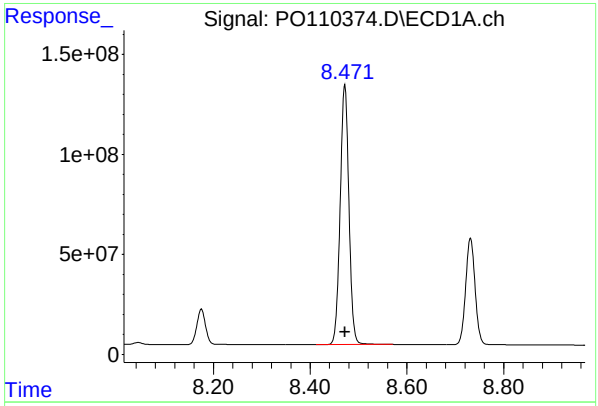
#44 AR-1268-4

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 220920910
Conc: 500.00 ng/ml



#44 AR-1268-4

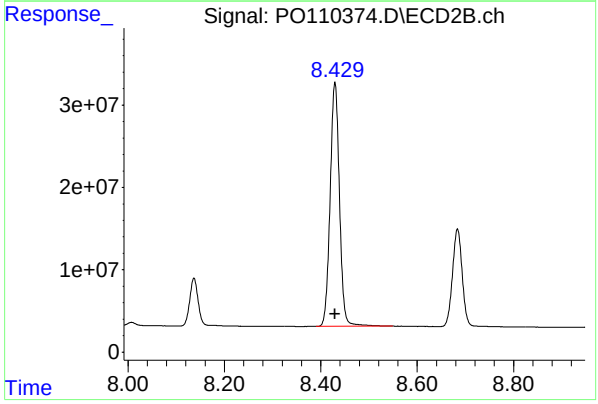
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 70586461
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 1643055400
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 396123334
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:33
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:34:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.685	223.2E6	125.8E6	25.567	25.592
2)	SA Decachlor...	8.733	8.684	374.5E6	87516933	26.002	27.002
	Target Compounds						
41)	L9 AR-1268-1	7.615	7.581	363.7E6	142.0E6	257.715	260.832
42)	L9 AR-1268-2	7.681	7.646	329.0E6	129.2E6	253.440	260.179
43)	L9 AR-1268-3	7.888	7.852	270.5E6	97320040	256.351	263.982
44)	L9 AR-1268-4	8.176	8.137	118.1E6	38142084	265.411	271.372
45)	L9 AR-1268-5	8.472	8.429	825.0E6	203.5E6	250.707	259.740

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

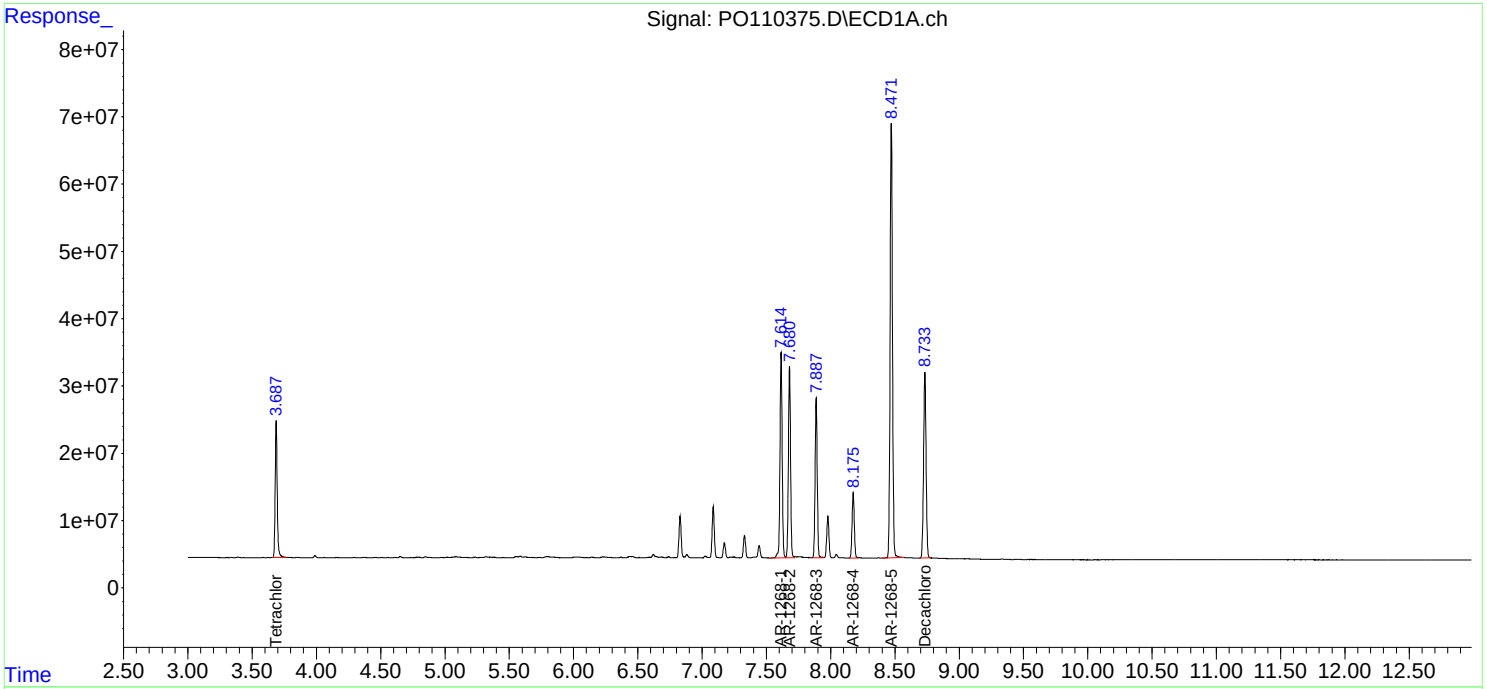
ICAL Form

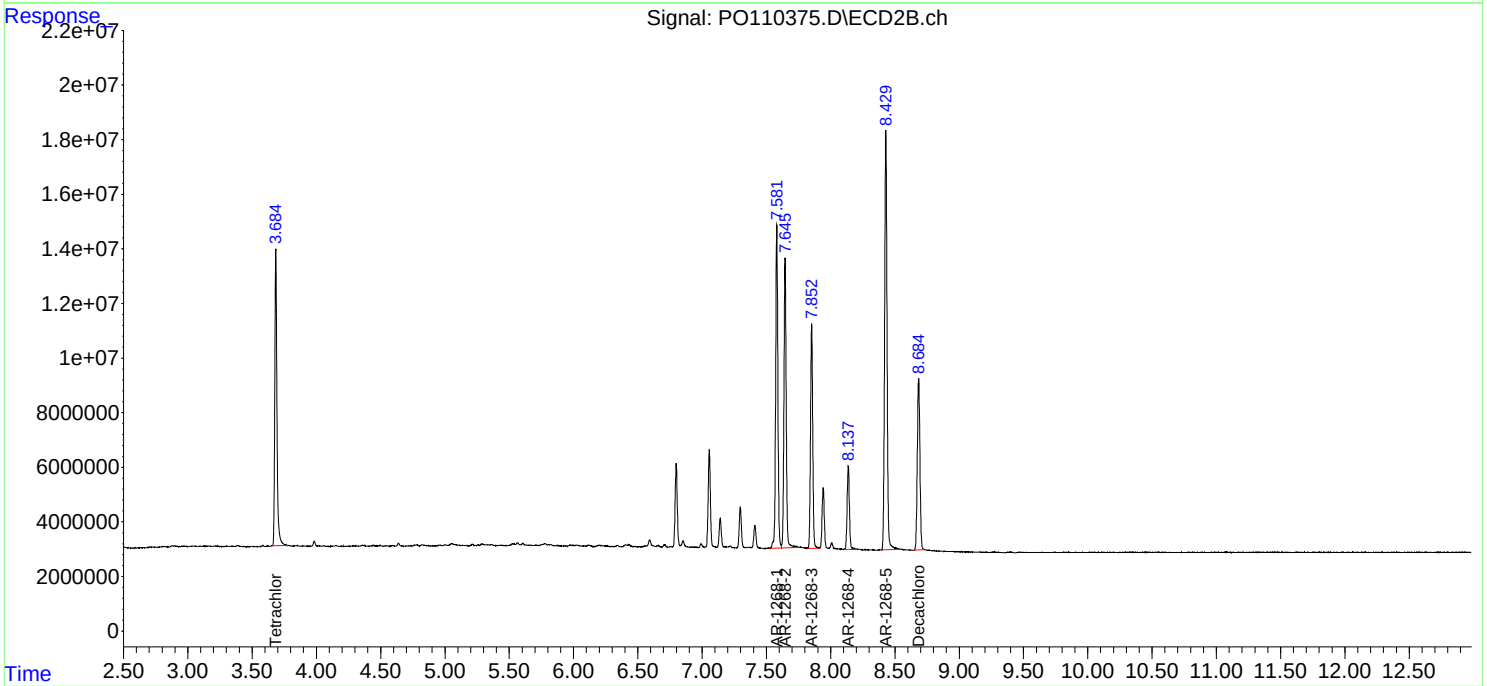
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:33
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

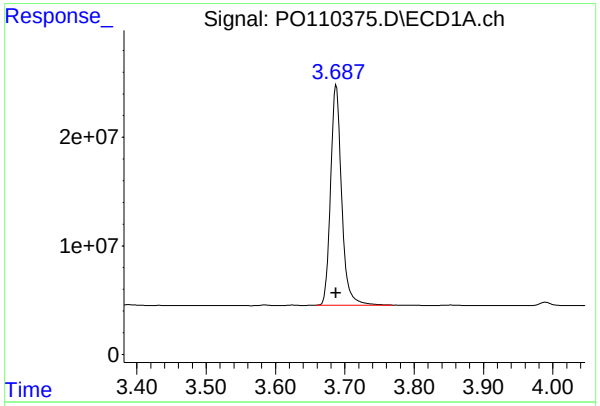
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:34:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



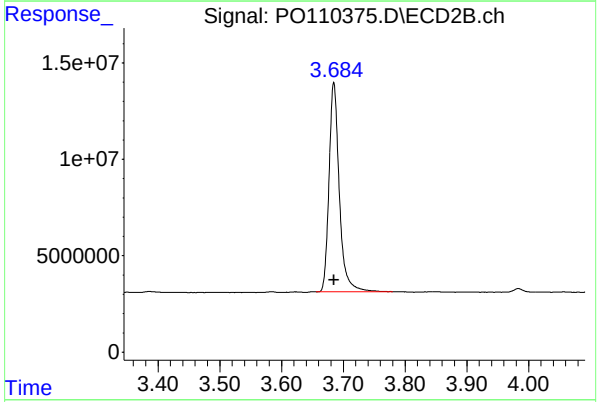




#1 Tetrachloro-m-xylene

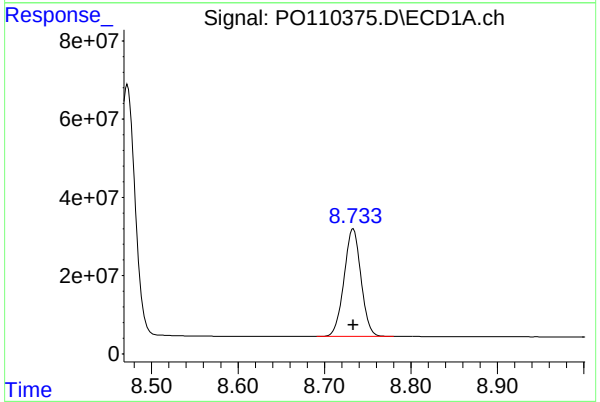
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 223177656
Conc: 25.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



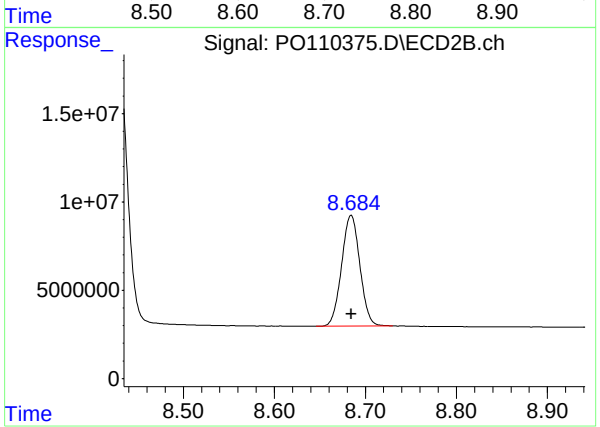
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 125848954
Conc: 25.59 ng/ml



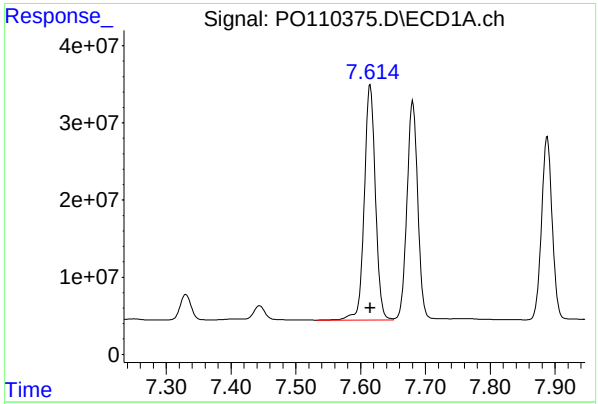
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 374472641
Conc: 26.00 ng/ml



#2 Decachlorobiphenyl

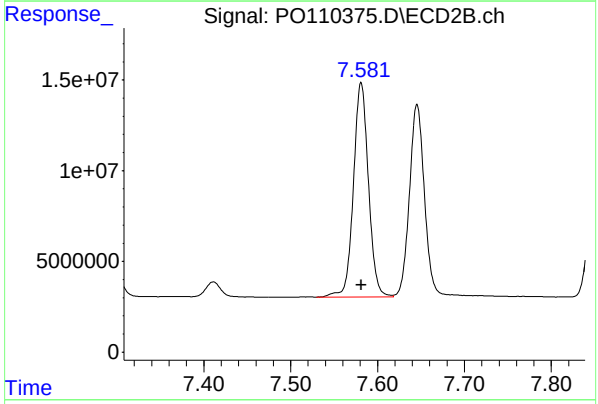
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 87516933
Conc: 27.00 ng/ml



#41 AR-1268-1

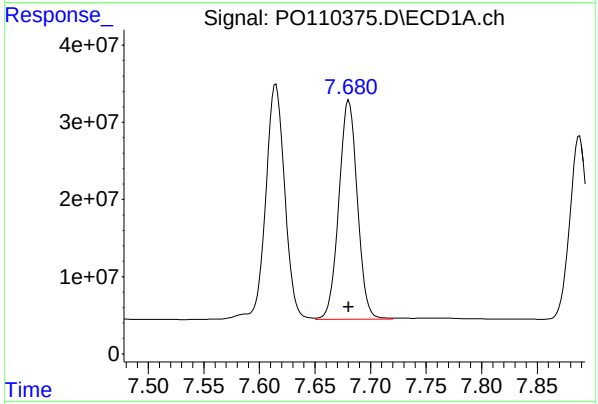
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 363679668
Conc: 257.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



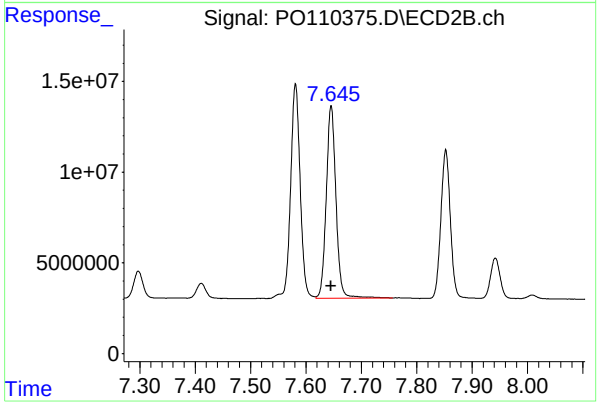
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 142031158
Conc: 260.83 ng/ml



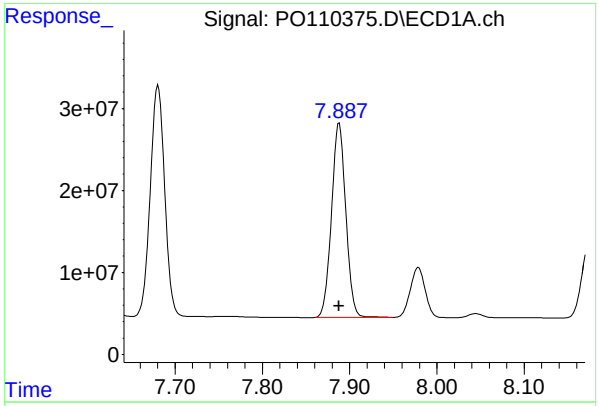
#42 AR-1268-2

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 328985593
Conc: 253.44 ng/ml



#42 AR-1268-2

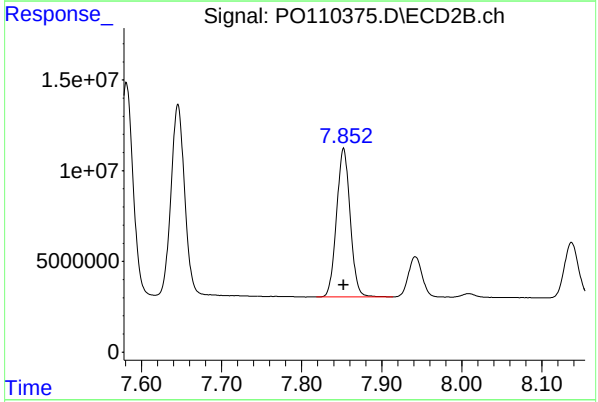
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 129174850
Conc: 260.18 ng/ml



#43 AR-1268-3

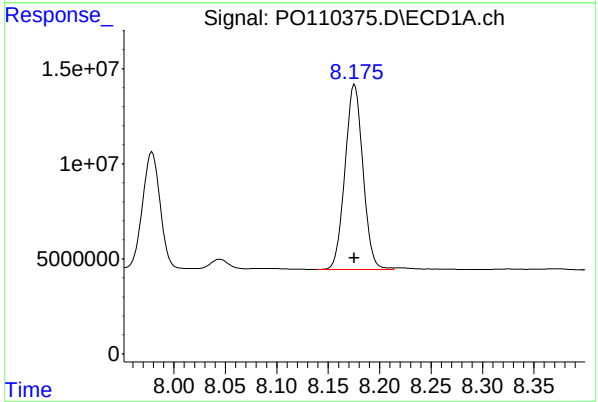
R.T.: 7.888 min
Delta R.T.: 0.000 mi
Response: 270468128
Conc: 256.35 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



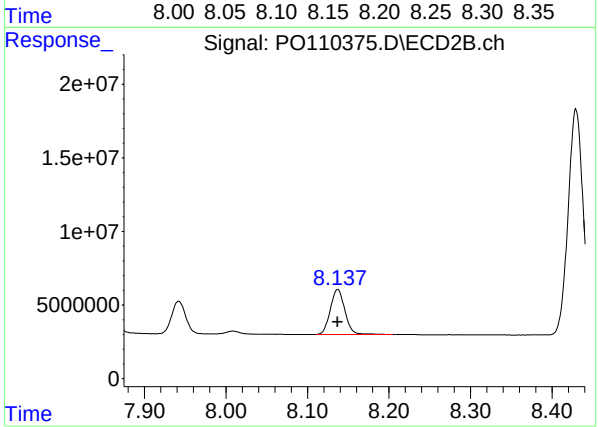
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: 0.000 min
Response: 97320040
Conc: 263.98 ng/ml



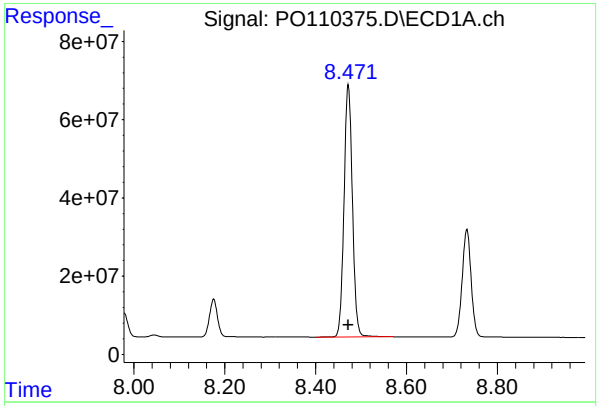
#44 AR-1268-4

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 118147663
Conc: 265.41 ng/ml



#44 AR-1268-4

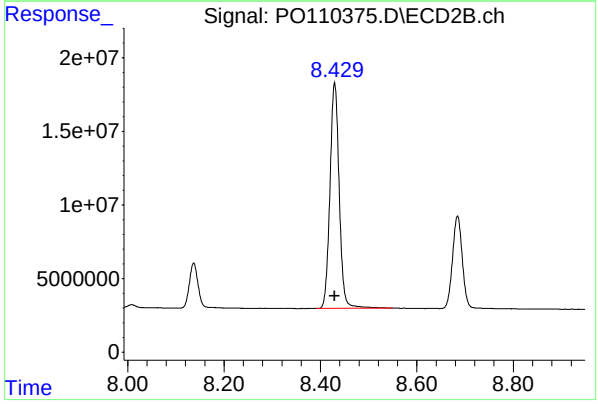
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 38142084
Conc: 271.37 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 824957315
Conc: 250.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 203468755
Conc: 259.74 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:52
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	39467832	22436384	4.610	4.644
2)	SA Decachlor...	8.732	8.684	71324202	17516545	4.962	5.318
	Target Compounds						
41)	L9 AR-1268-1	7.616	7.580	68808575	28029289	49.003	51.172
42)	L9 AR-1268-2	7.680	7.645	60320169	25075562	47.135	50.404
43)	L9 AR-1268-3	7.887	7.852	49726337	19160308	47.678	51.566
44)	L9 AR-1268-4	8.175	8.136	22009230	7174009	49.553	50.830
45)	L9 AR-1268-5	8.473	8.428	146.9E6	40130945	45.608	50.979

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

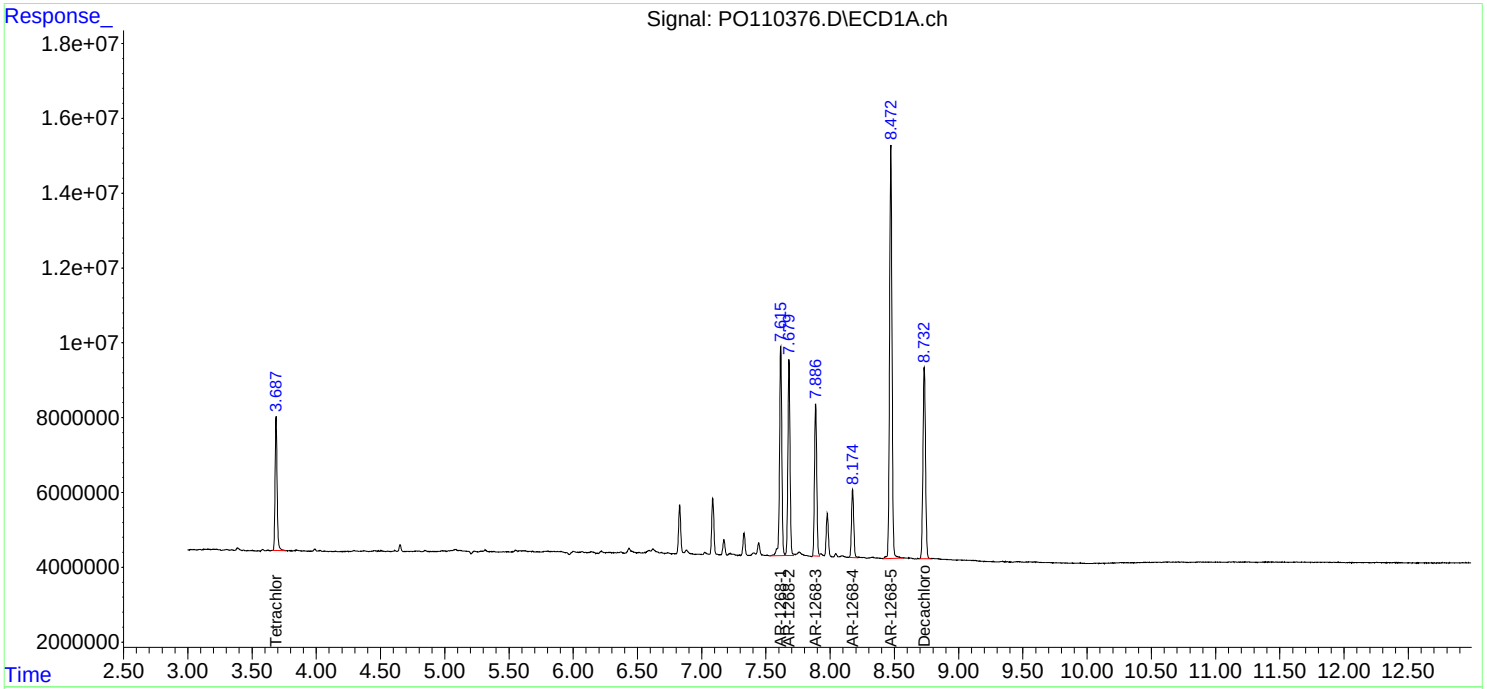
ICAL Form

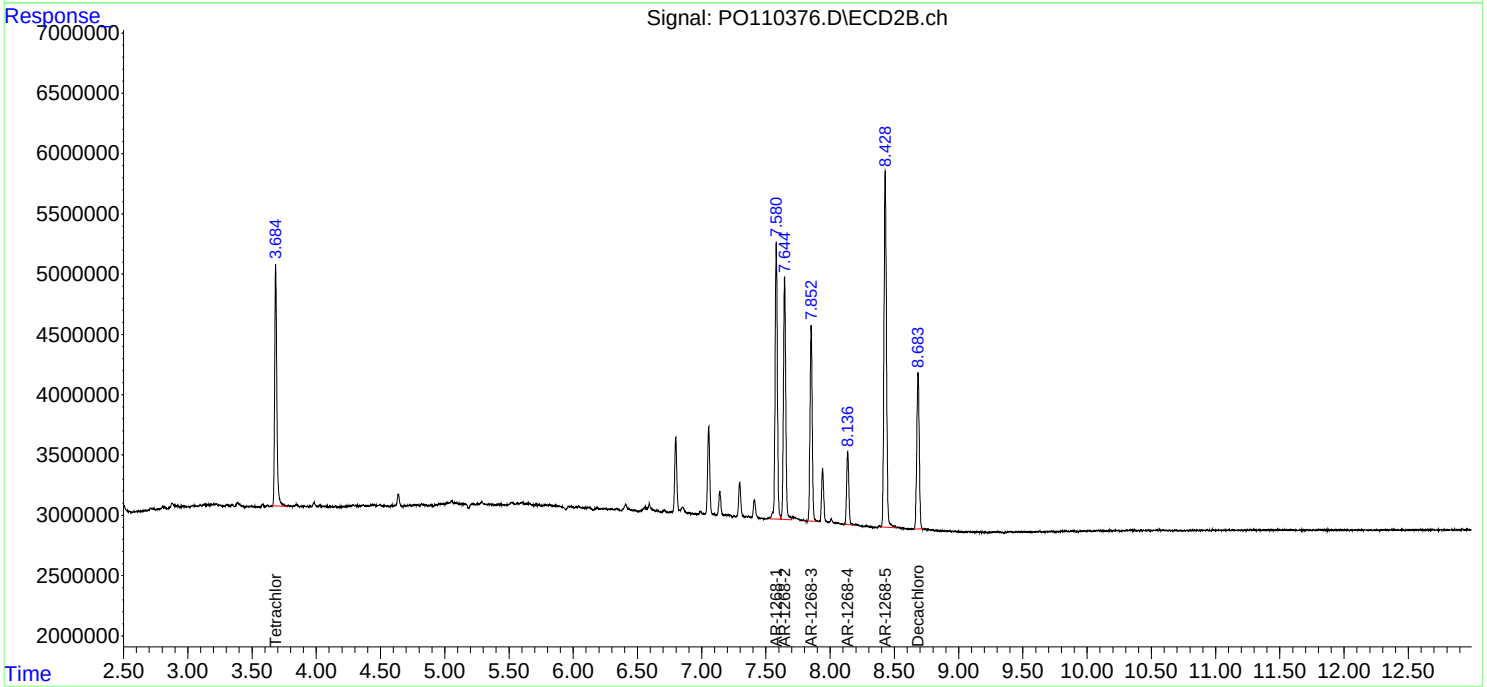
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 17:52
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

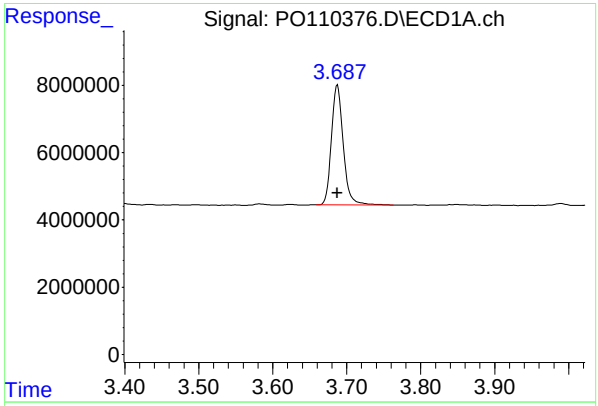
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:37:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:23:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



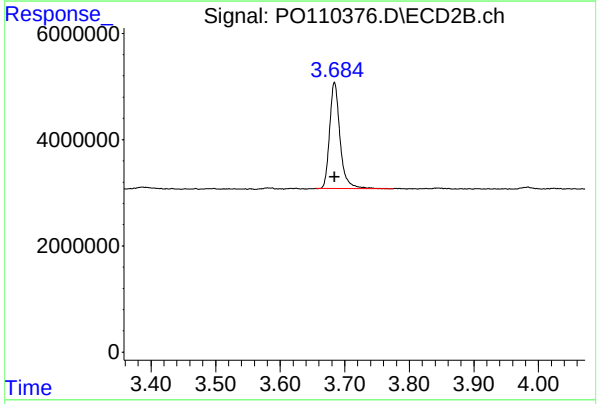




#1 Tetrachloro-m-xylene

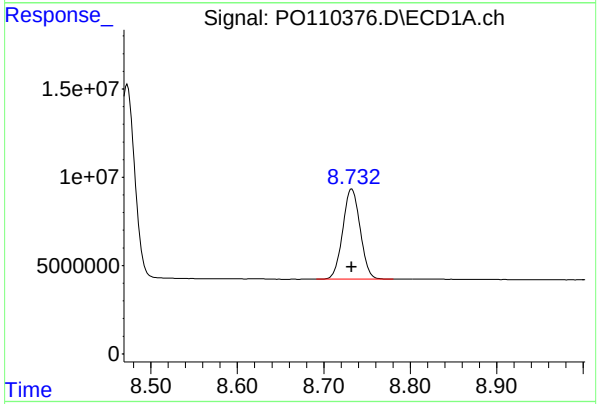
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 39467832
Conc: 4.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



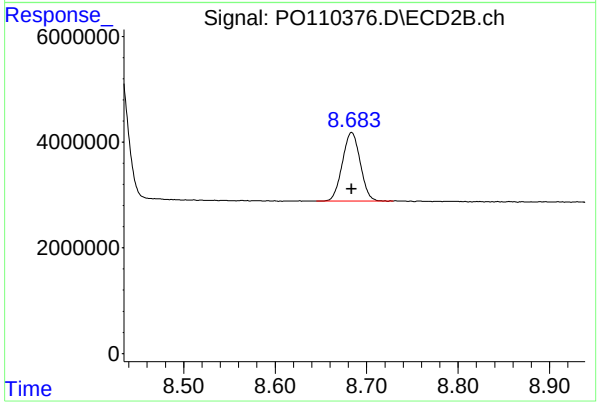
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 22436384
Conc: 4.64 ng/ml



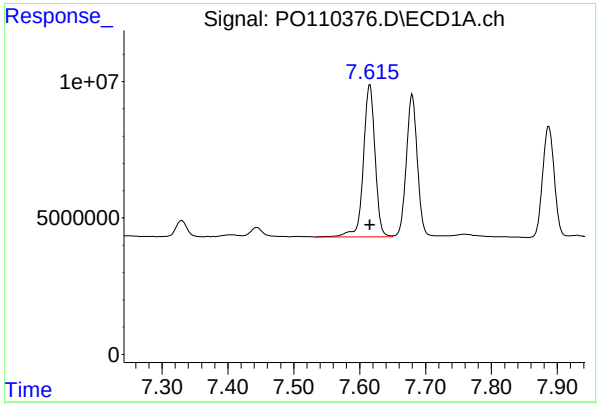
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 71324202
Conc: 4.96 ng/ml



#2 Decachlorobiphenyl

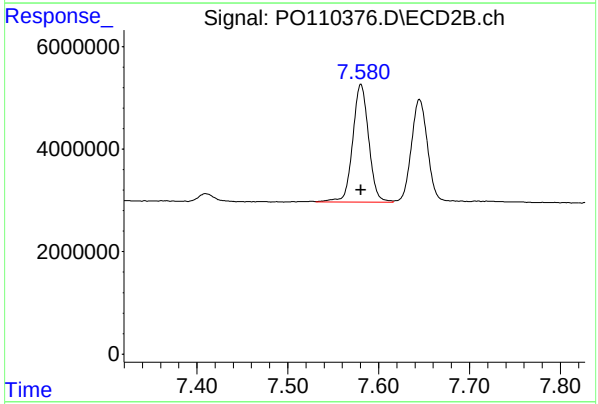
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 17516545
Conc: 5.32 ng/ml



#41 AR-1268-1

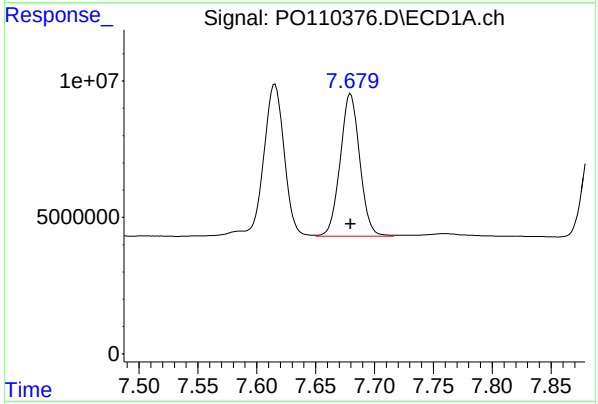
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 68808575
Conc: 49.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



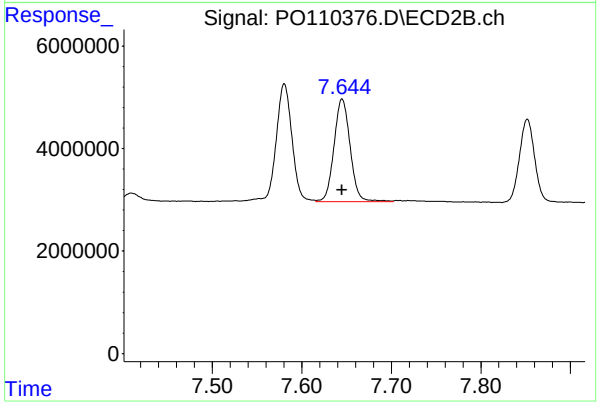
#41 AR-1268-1

R.T.: 7.580 min
Delta R.T.: 0.000 min
Response: 28029289
Conc: 51.17 ng/ml



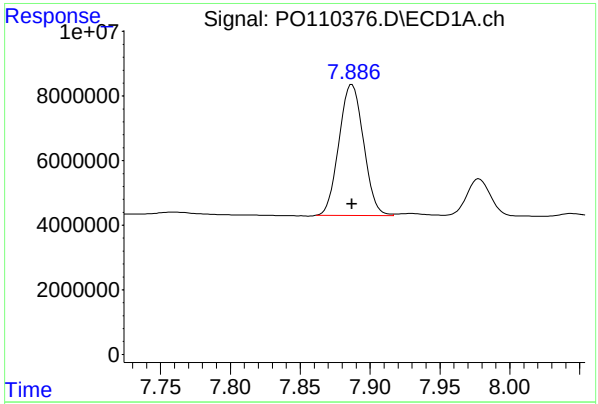
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 60320169
Conc: 47.13 ng/ml



#42 AR-1268-2

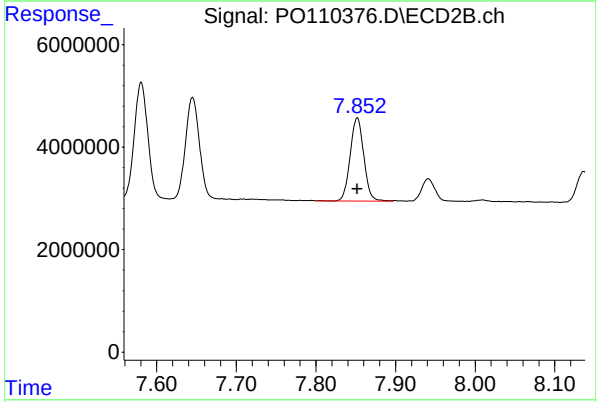
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 25075562
Conc: 50.40 ng/ml



#43 AR-1268-3

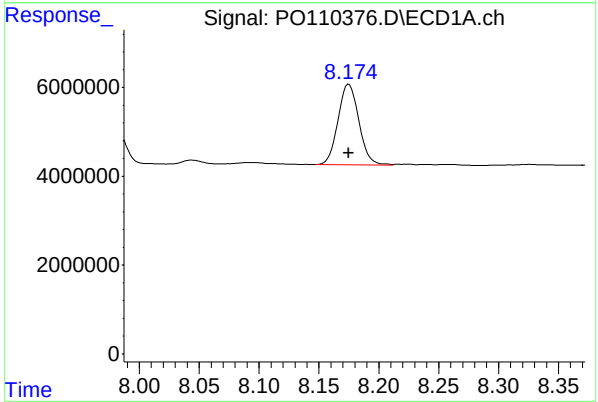
R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 49726337
Conc: 47.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



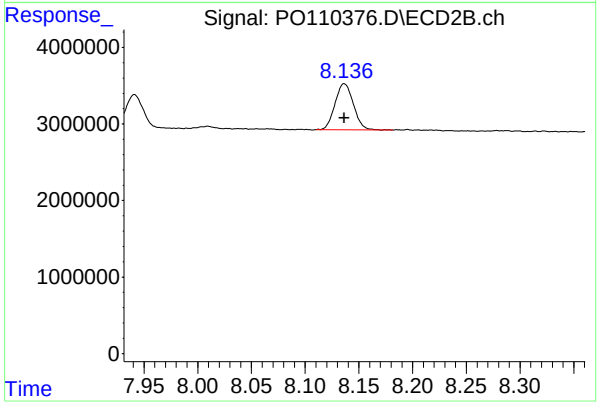
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: 0.000 min
Response: 19160308
Conc: 51.57 ng/ml



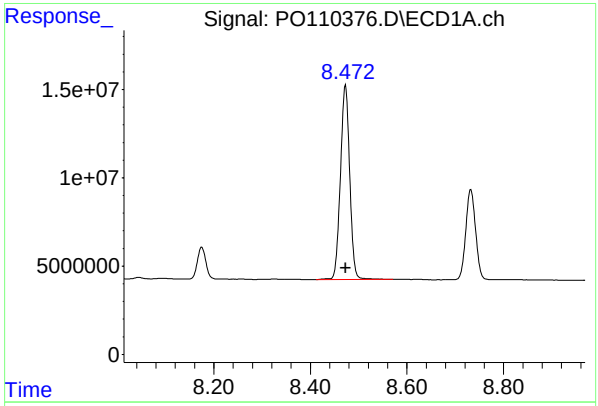
#44 AR-1268-4

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 22009230
Conc: 49.55 ng/ml



#44 AR-1268-4

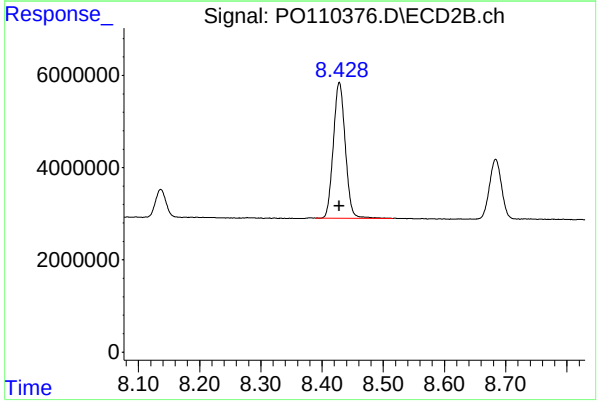
R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 7174009
Conc: 50.83 ng/ml



#45 AR-1268-5

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 146850912
Conc: 45.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 40130945
Conc: 50.98 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:09
Operator : YP/AJ
Sample : PO041025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO041025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:45:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.685	421.6E6	244.8E6	48.193	49.064
2)	SA Decachlor...	8.731	8.685	398.8E6	93206294	50.509	48.419
	Target Compounds						
3)	L1 AR-1016-1	4.778	4.766	160.3E6	85578058	488.595	487.598
4)	L1 AR-1016-2	4.797	4.784	224.6E6	123.9E6	493.781	492.855
5)	L1 AR-1016-3	4.853	4.960	157.2E6	66551398	487.462	490.391
6)	L1 AR-1016-4	4.973	5.002	122.3E6	55570470	491.017	485.892
7)	L1 AR-1016-5	5.231	5.215	133.8E6	73527628	497.315	493.229
31)	L7 AR-1260-1	6.270	6.246	237.6E6	121.3E6	502.988	493.308
32)	L7 AR-1260-2	6.460	6.434	287.8E6	140.8E6	490.780	482.474
33)	L7 AR-1260-3	6.827	6.586	245.6E6	132.0E6	498.218	487.409
34)	L7 AR-1260-4	7.087	7.058	213.8E6	98678673	503.635	491.819
35)	L7 AR-1260-5	7.329	7.298	535.6E6	226.2E6	513.241	492.883

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

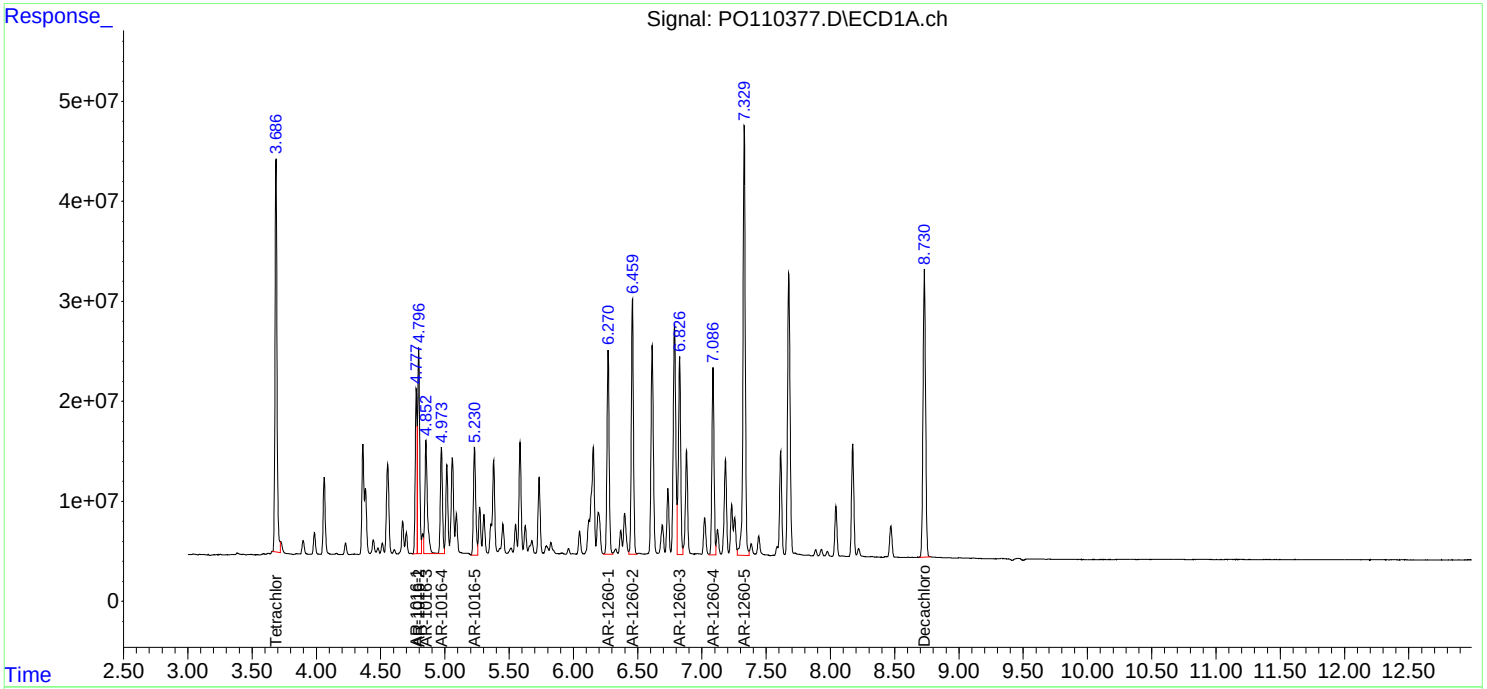
ICAL Form

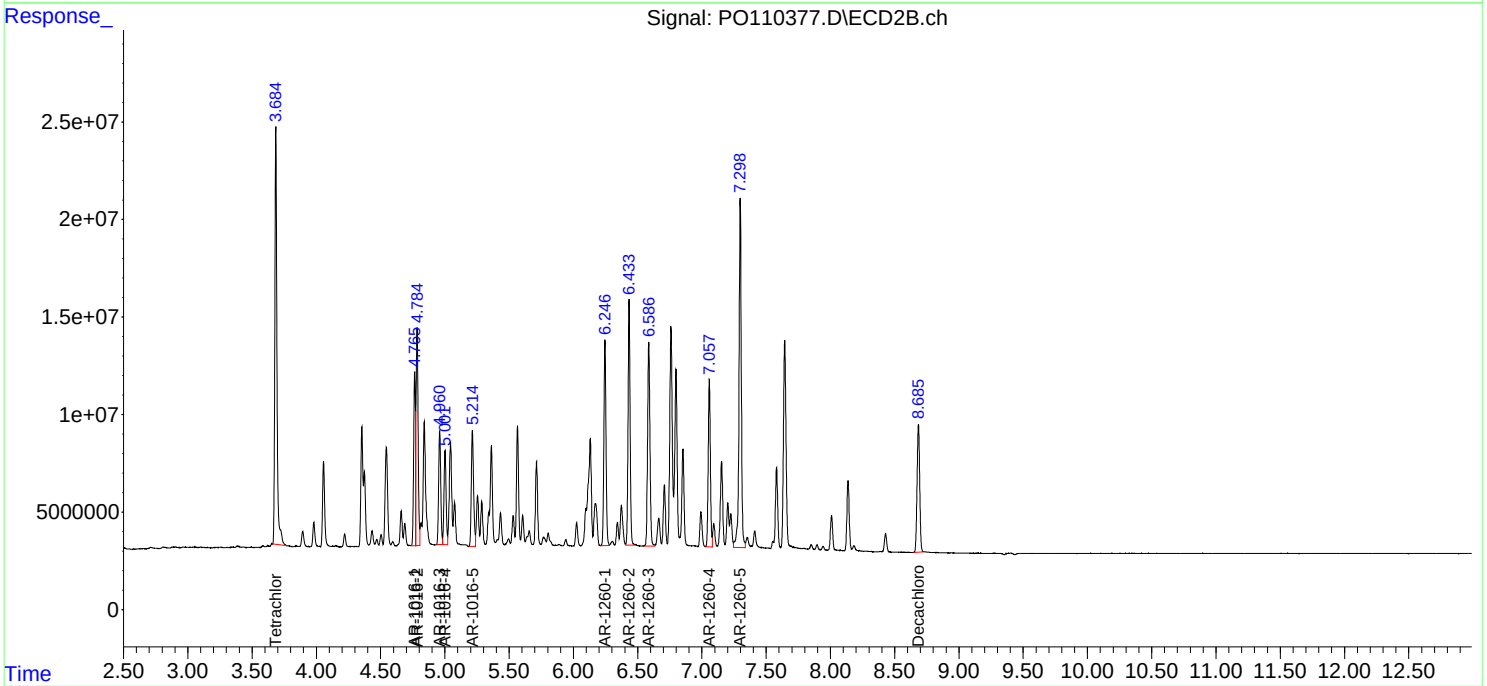
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:09
Operator : YP/AJ
Sample : PO041025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

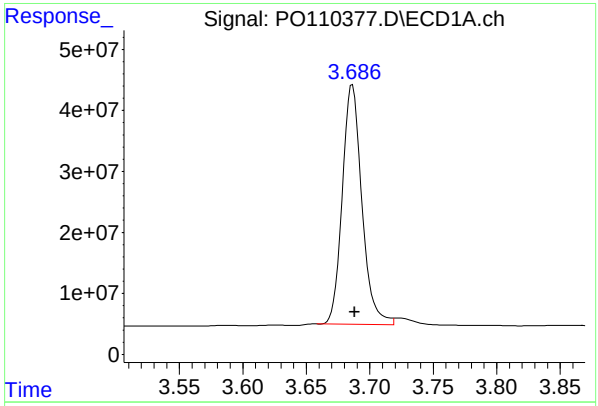
Instrument :
ECD_O
ClientSampleId :
ICVPO041025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 18:45:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



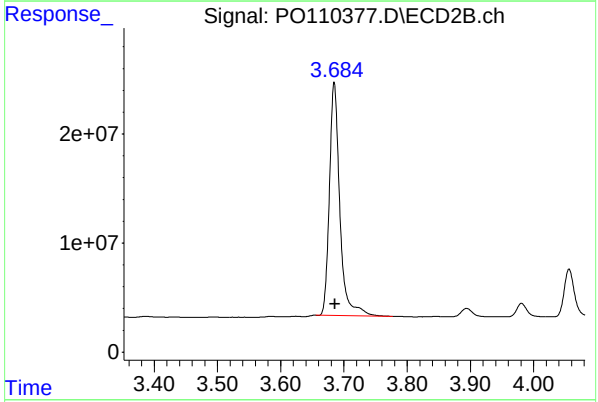




#1 Tetrachloro-m-xylene

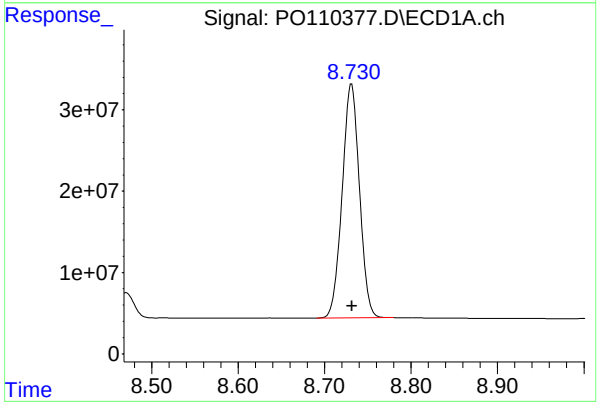
R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 421644591
Conc: 48.19 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



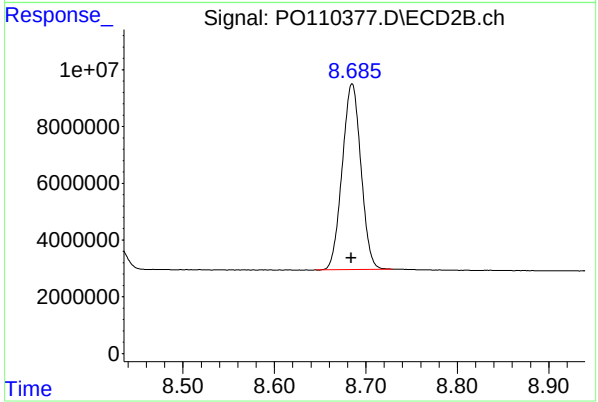
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.001 min
Response: 244816340
Conc: 49.06 ng/ml



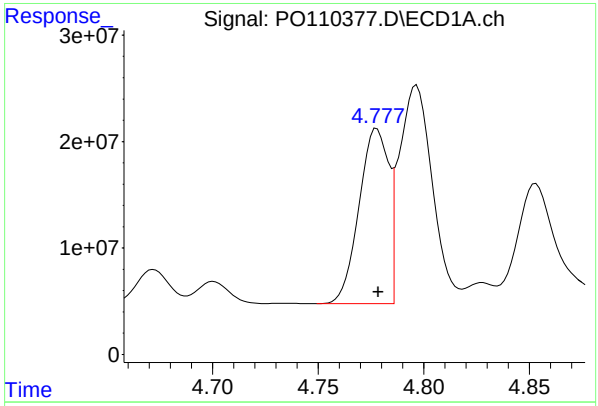
#2 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 398769118
Conc: 50.51 ng/ml



#2 Decachlorobiphenyl

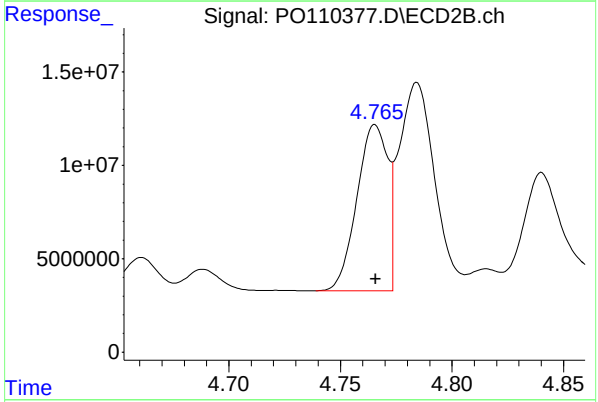
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 93206294
Conc: 48.42 ng/ml



#3 AR-1016-1

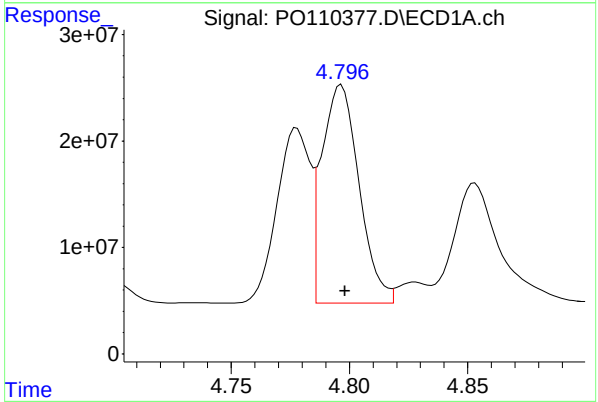
R.T.: 4.778 min
Delta R.T.: 0.000 mi
Response: 160329385
Conc: 488.60 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



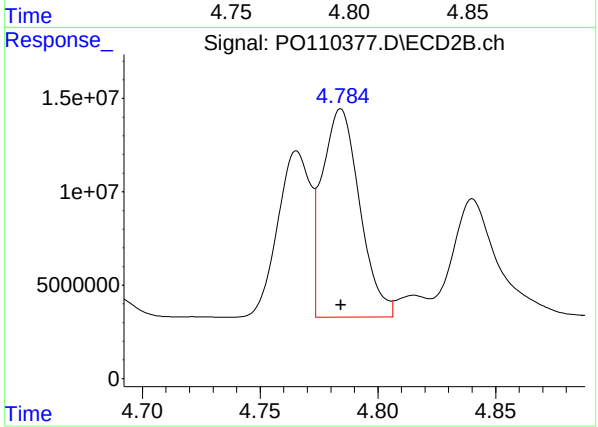
#3 AR-1016-1

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 85578058
Conc: 487.60 ng/ml



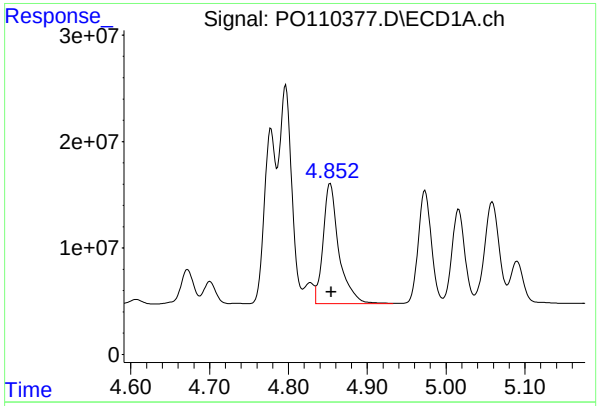
#4 AR-1016-2

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 224644909
Conc: 493.78 ng/ml



#4 AR-1016-2

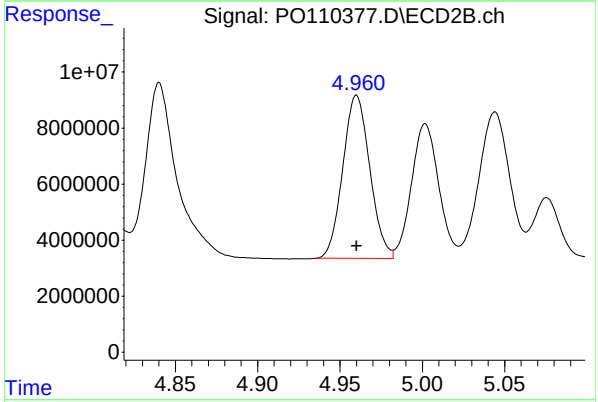
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 123935759
Conc: 492.85 ng/ml



#5 AR-1016-3

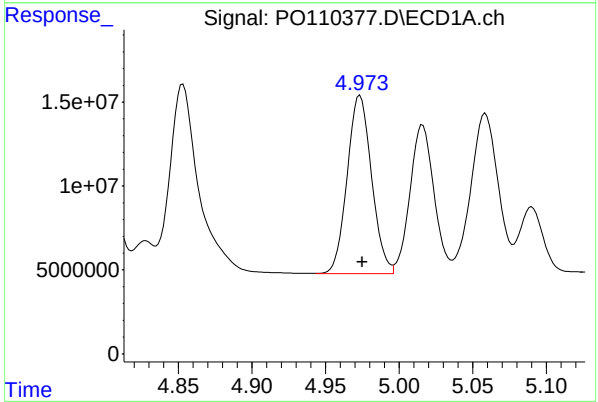
R.T.: 4.853 min
Delta R.T.: -0.002 min
Response: 157219813
Conc: 487.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



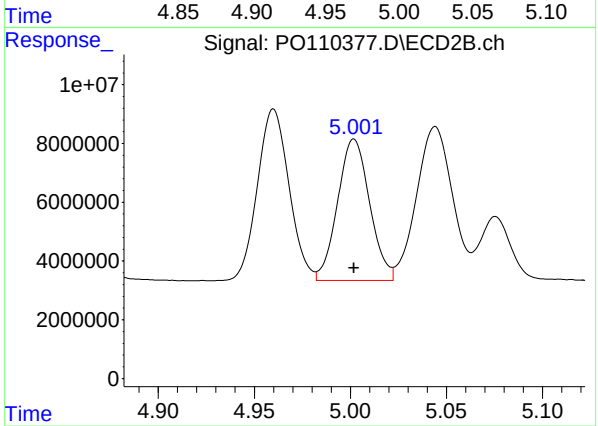
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 66551398
Conc: 490.39 ng/ml



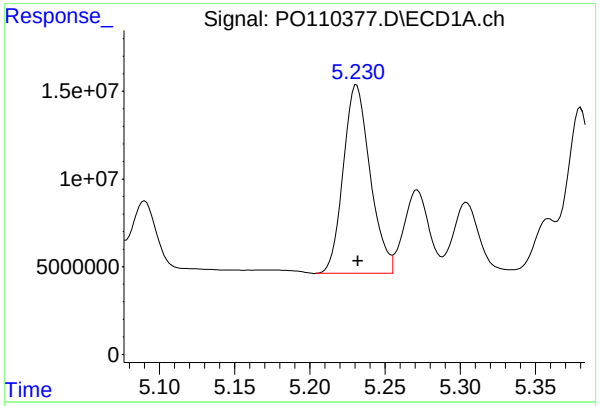
#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 122344041
Conc: 491.02 ng/ml



#6 AR-1016-4

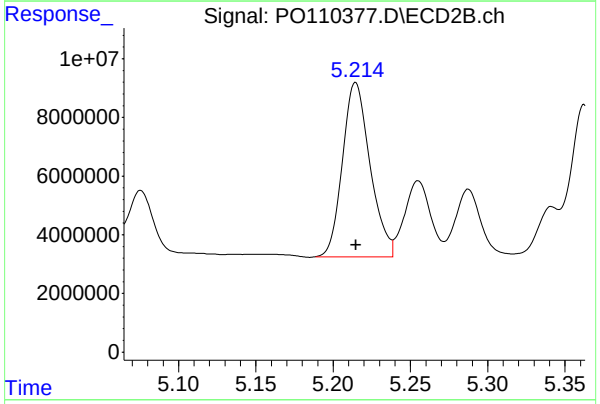
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 55570470
Conc: 485.89 ng/ml



#7 AR-1016-5

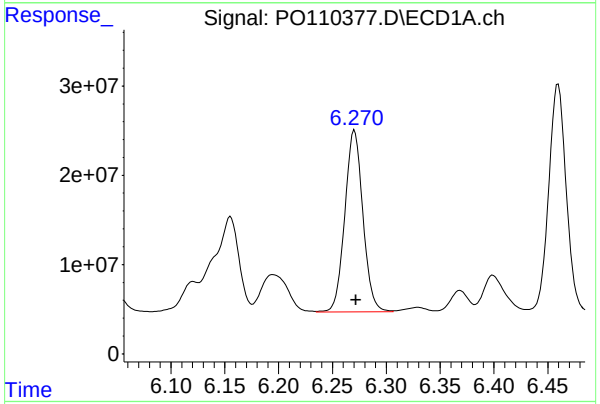
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 133783641
Conc: 497.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



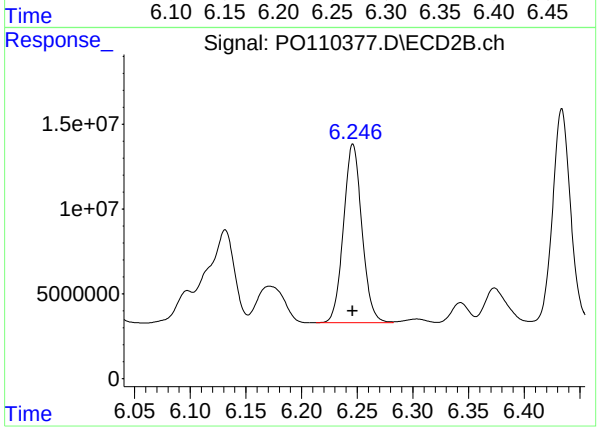
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 73527628
Conc: 493.23 ng/ml



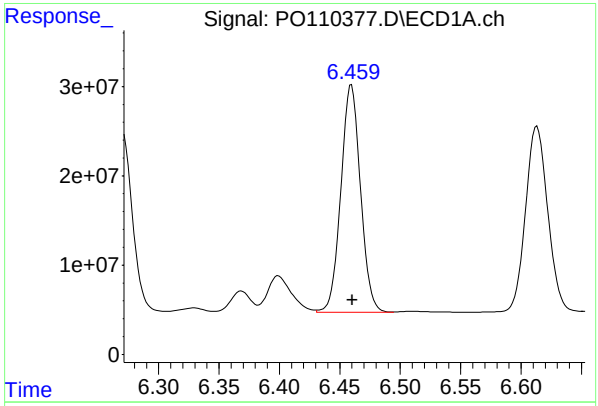
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 237634519
Conc: 502.99 ng/ml



#31 AR-1260-1

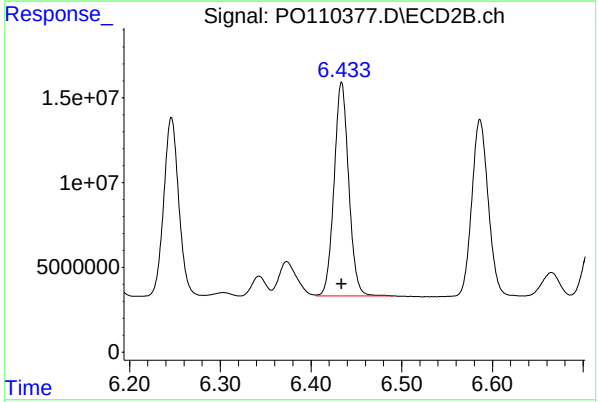
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 121335820
Conc: 493.31 ng/ml



#32 AR-1260-2

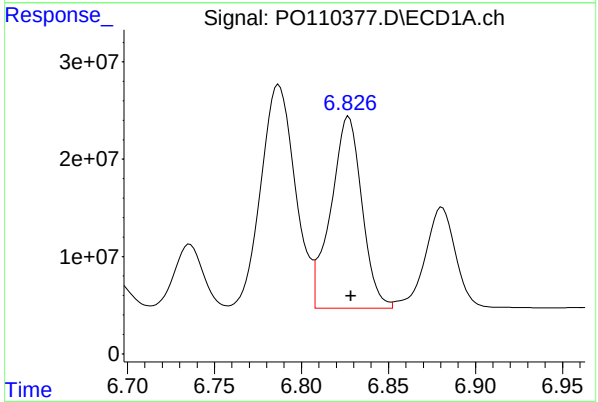
R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 287805163
Conc: 490.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



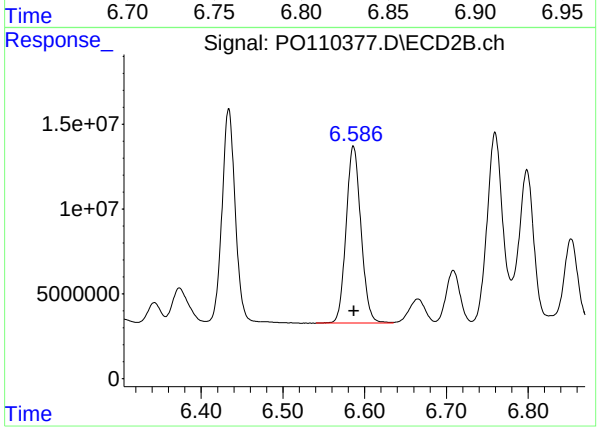
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 140762216
Conc: 482.47 ng/ml



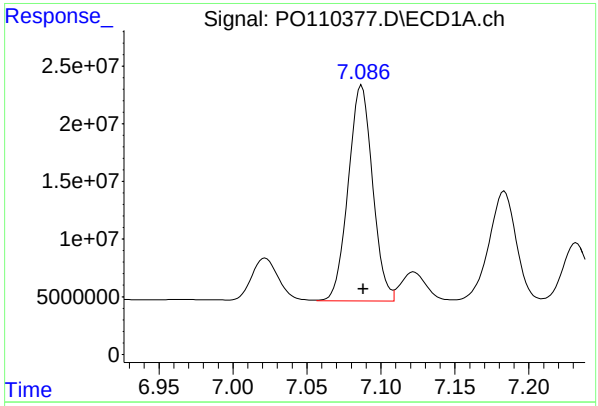
#33 AR-1260-3

R.T.: 6.827 min
Delta R.T.: -0.001 min
Response: 245558046
Conc: 498.22 ng/ml



#33 AR-1260-3

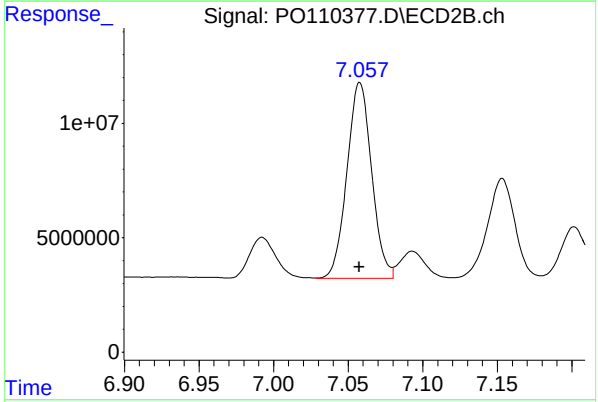
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 132031272
Conc: 487.41 ng/ml



#34 AR-1260-4

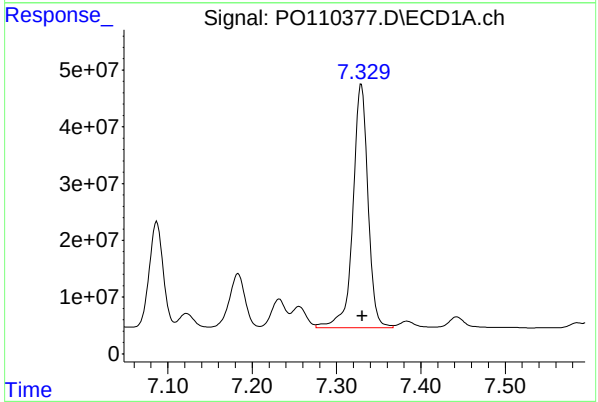
R.T.: 7.087 min
Delta R.T.: -0.001 min
Response: 213754206
Conc: 503.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025



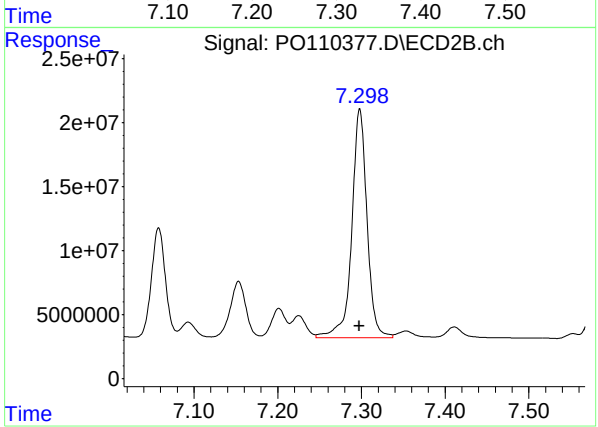
#34 AR-1260-4

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 98678673
Conc: 491.82 ng/ml



#35 AR-1260-5

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 535552109
Conc: 513.24 ng/ml



#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 226163331
Conc: 492.88 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:46
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 19:22:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	443.8E6	250.6E6	50.720	50.218
2)	SA Decachlor...	8.732	8.684	397.2E6	92891086	50.313	48.255
	Target Compounds						
16)	L4 AR-1242-1	4.778	4.765	140.4E6	74475295	505.918	498.154
17)	L4 AR-1242-2	4.797	4.784	194.4E6	106.8E6	503.798	500.644
18)	L4 AR-1242-3	4.854	4.959	138.3E6	57809929	496.987	500.162
19)	L4 AR-1242-4	4.975	5.043	107.3E6	59712665	507.656	497.194
20)	L4 AR-1242-5	5.627	5.564	113.7E6	71571546	502.212	493.267

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

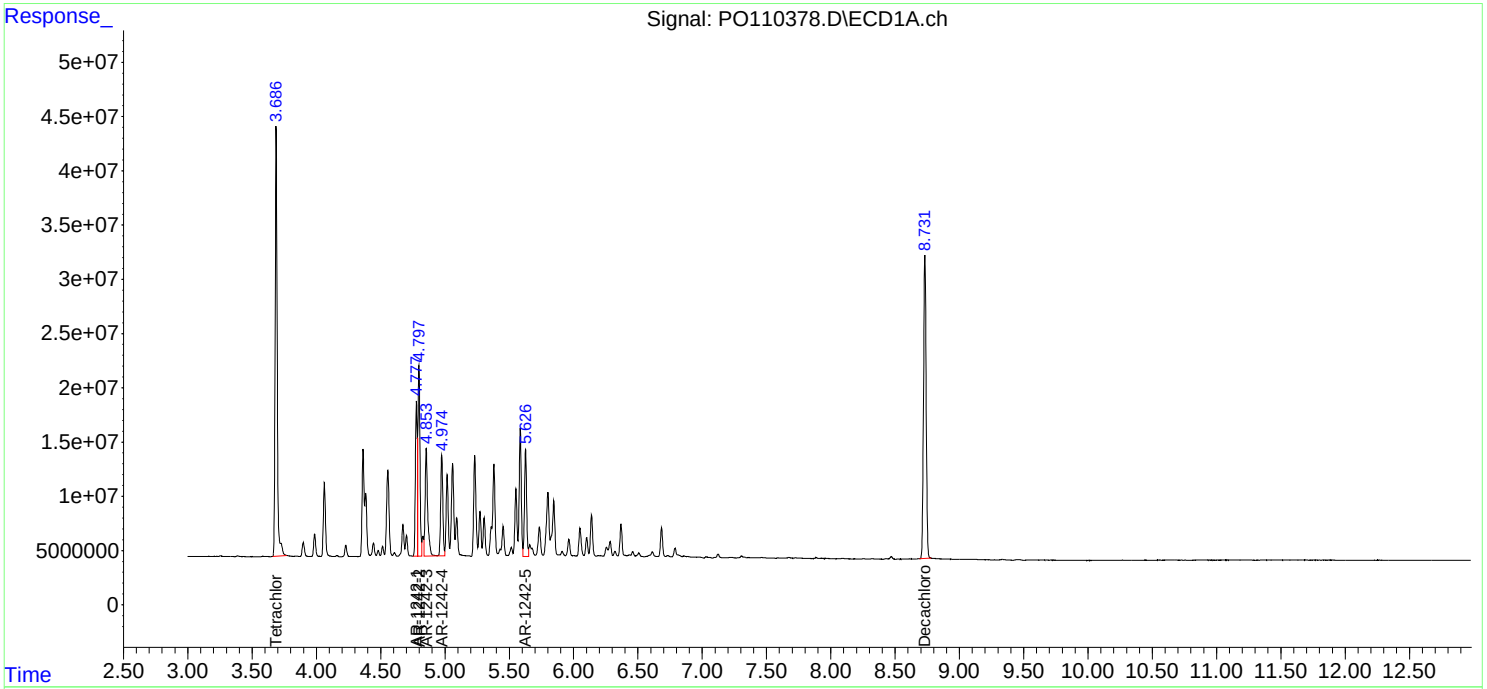
ICAL Form

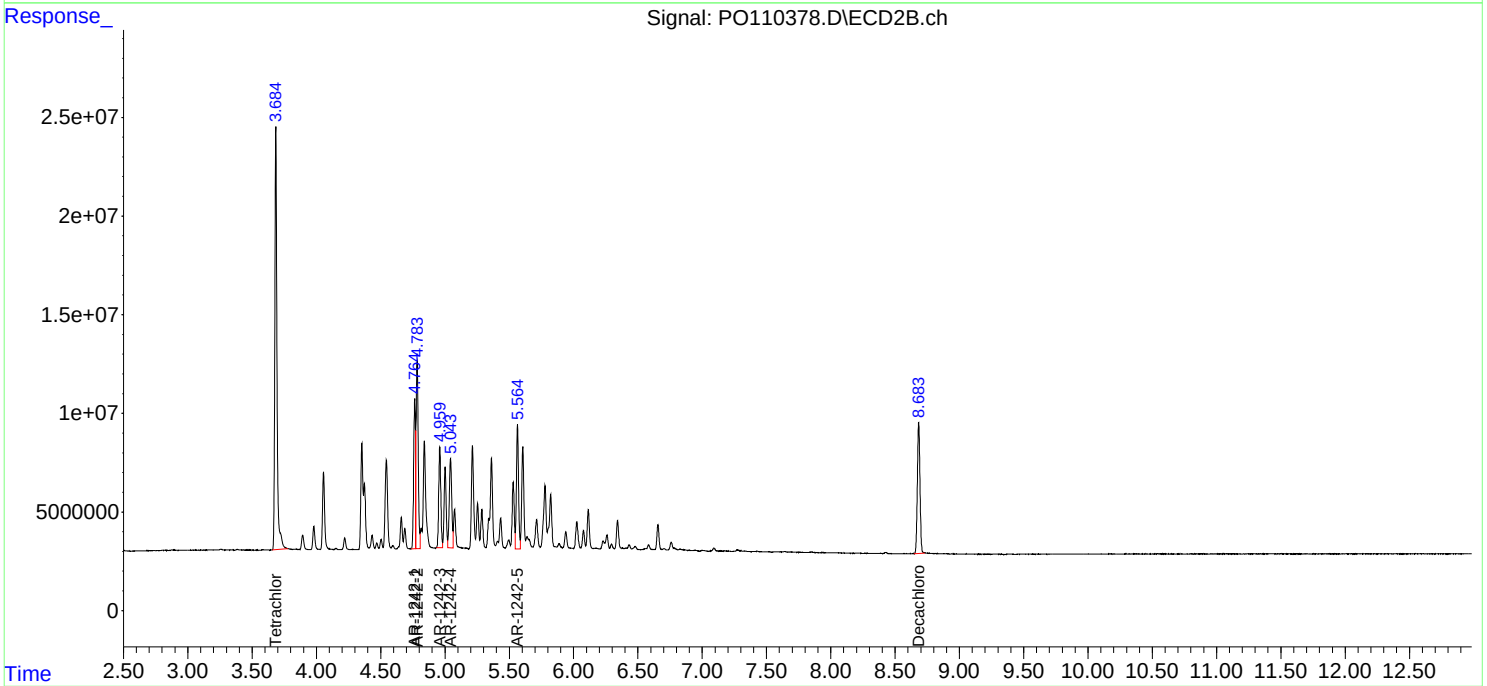
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:46
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

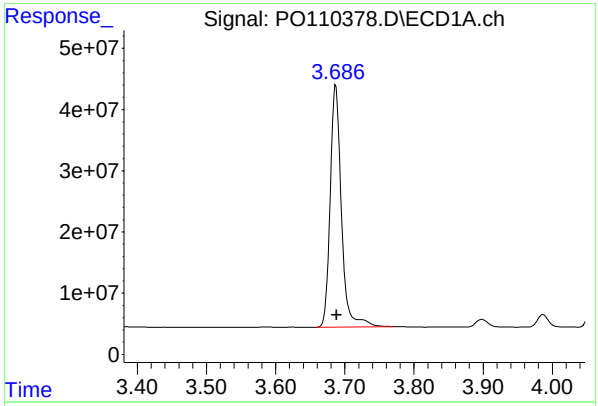
Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 19:22:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



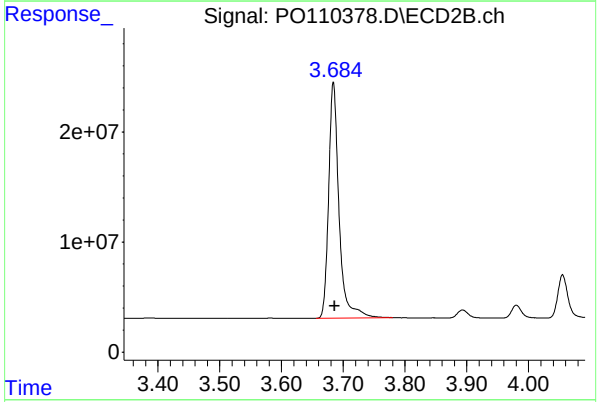




#1 Tetrachloro-m-xylene

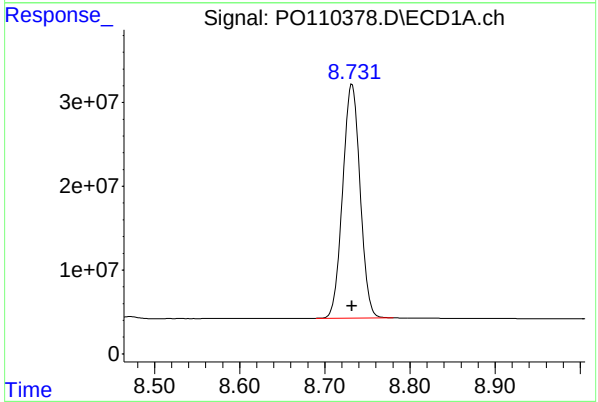
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 443754118
Conc: 50.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242



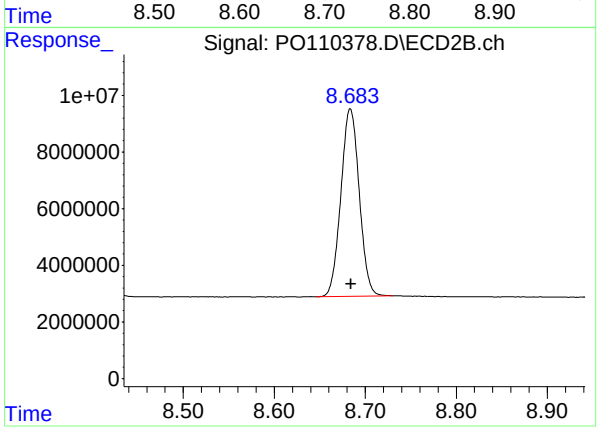
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 250576991
Conc: 50.22 ng/ml



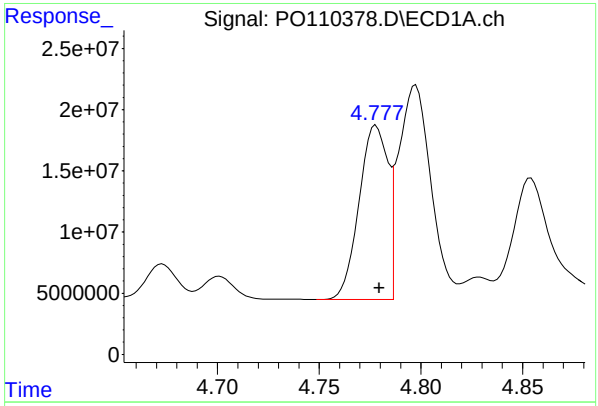
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 397220716
Conc: 50.31 ng/ml



#2 Decachlorobiphenyl

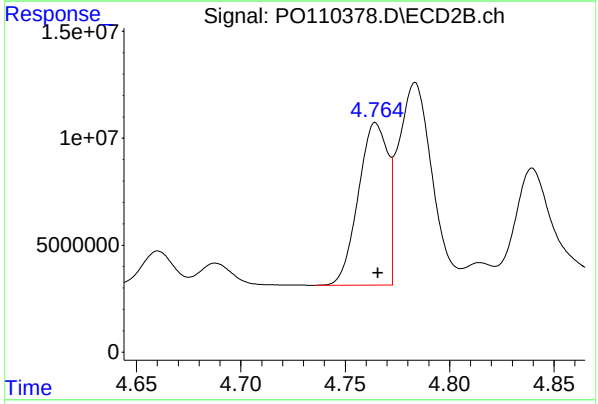
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 92891086
Conc: 48.26 ng/ml



#16 AR-1242-1

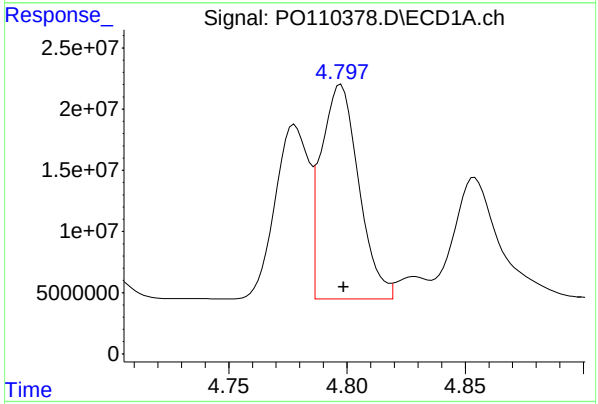
R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 140409130
Conc: 505.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242



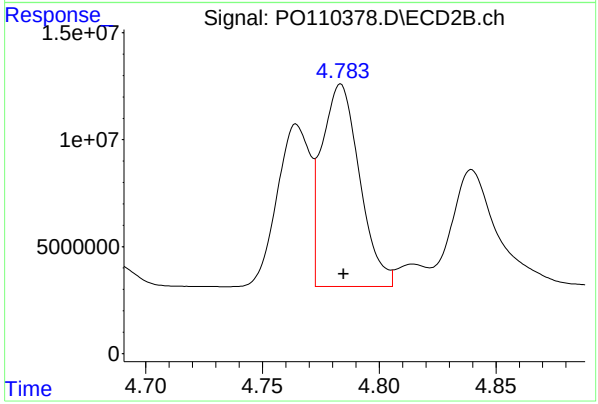
#16 AR-1242-1

R.T.: 4.765 min
Delta R.T.: -0.001 min
Response: 74475295
Conc: 498.15 ng/ml



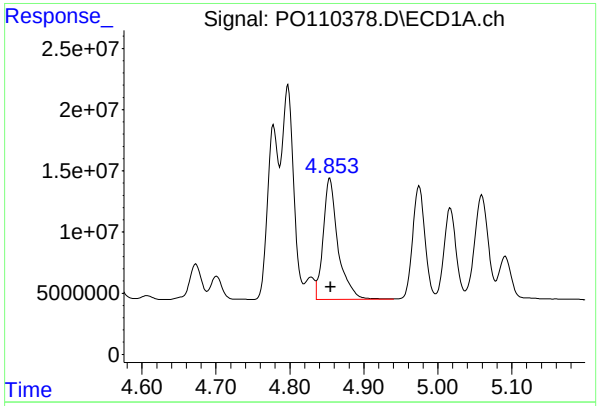
#17 AR-1242-2

R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 194352025
Conc: 503.80 ng/ml



#17 AR-1242-2

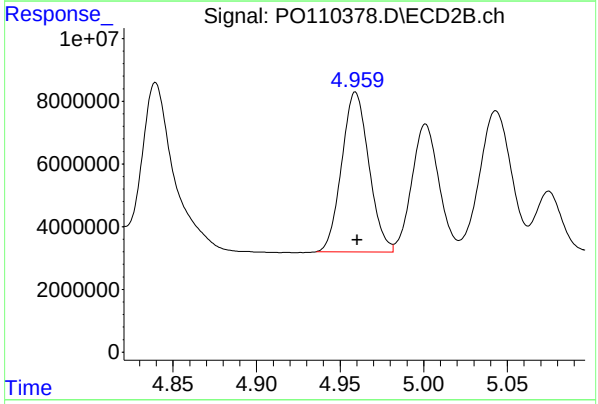
R.T.: 4.784 min
Delta R.T.: -0.001 min
Response: 106818938
Conc: 500.64 ng/ml



#18 AR-1242-3

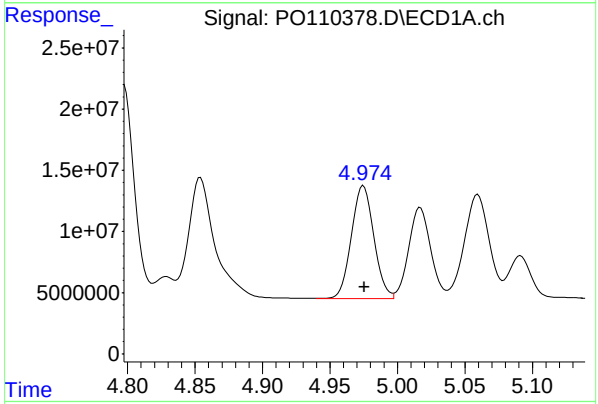
R.T.: 4.854 min
Delta R.T.: -0.001 min
Response: 138262793
Conc: 496.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242



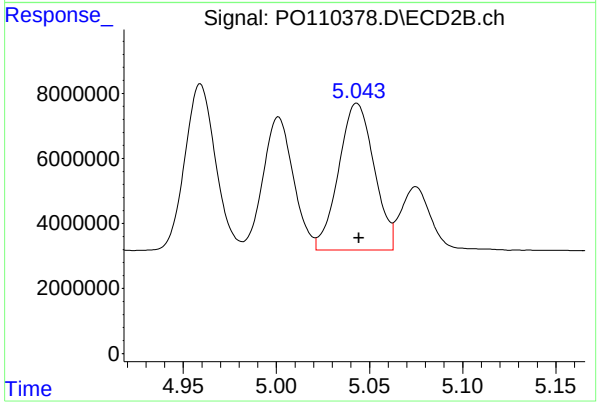
#18 AR-1242-3

R.T.: 4.959 min
Delta R.T.: -0.001 min
Response: 57809929
Conc: 500.16 ng/ml



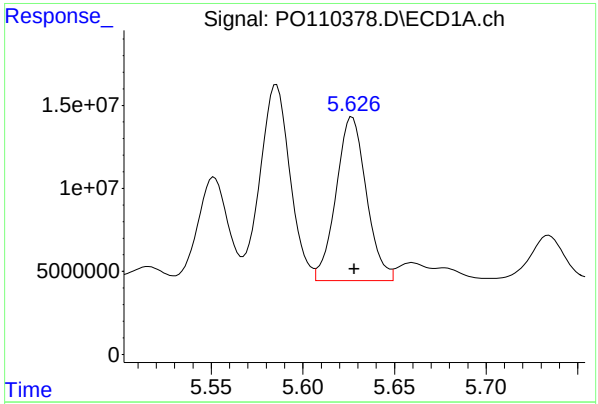
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 107301967
Conc: 507.66 ng/ml



#19 AR-1242-4

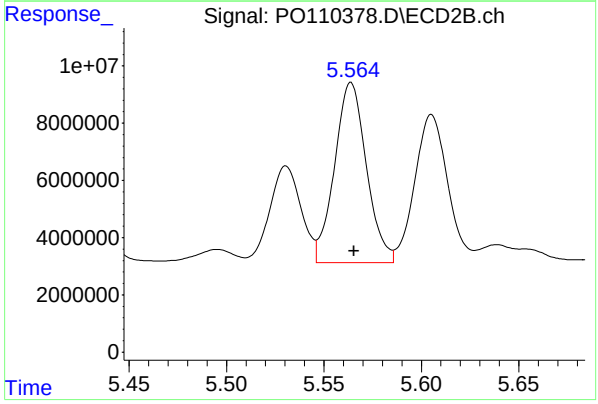
R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 59712665
Conc: 497.19 ng/ml



#20 AR-1242-5

R.T.: 5.627 min
Delta R.T.: -0.001 min
Response: 113697523
Conc: 502.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1242



#20 AR-1242-5

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 71571546
Conc: 493.27 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:22
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	439.1E6	246.8E6	51.110	51.053
2)	SA Decachlor...	8.732	8.685	400.1E6	92657947	50.360	49.279
	Target Compounds						
21)	L5 AR-1248-1	4.779	4.765	106.0E6	57397514	498.124	498.537
22)	L5 AR-1248-2	5.017	5.002	147.4E6	80796045	498.235	496.039
23)	L5 AR-1248-3	5.232	5.044	183.5E6	86306627	495.938	490.780
24)	L5 AR-1248-4	5.587	5.214	257.3E6	100.2E6	494.824	491.802
25)	L5 AR-1248-5	5.627	5.606	183.1E6	97158423	495.645	492.201

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

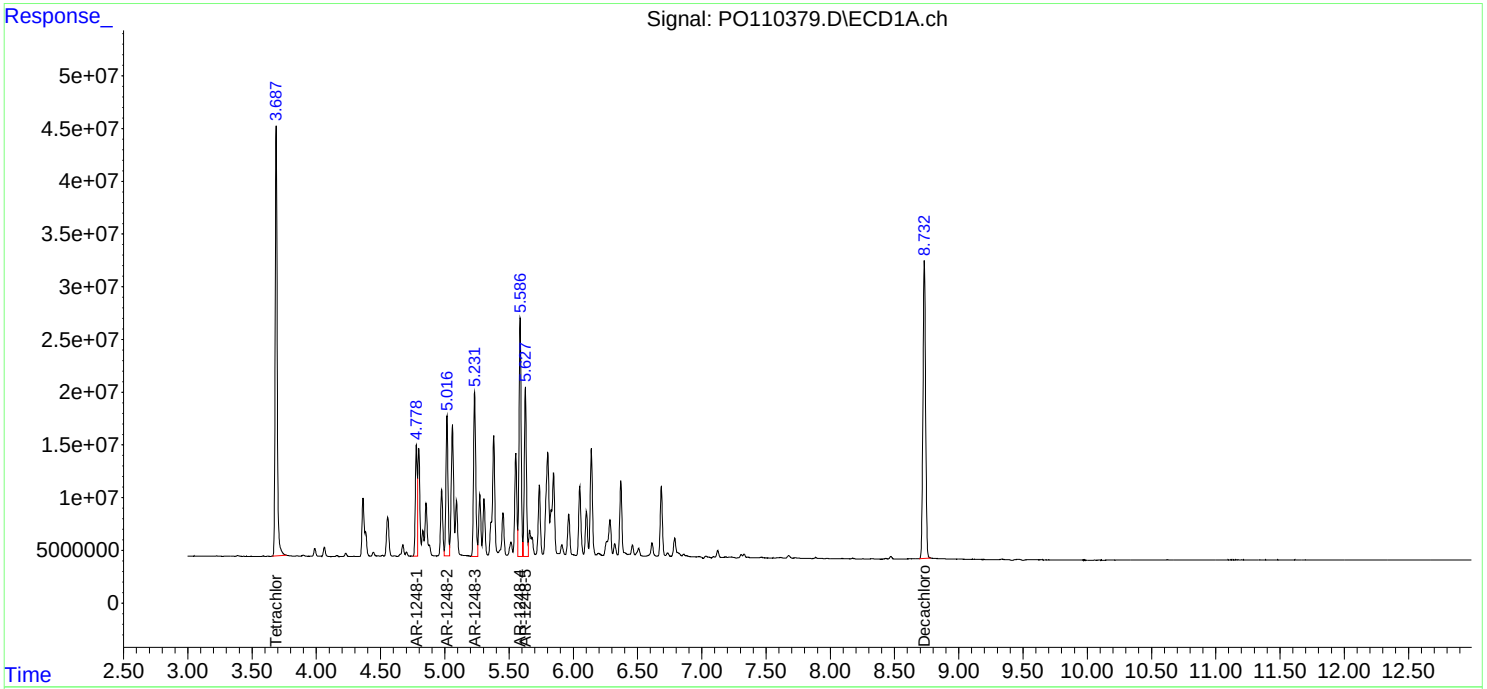
ICAL Form

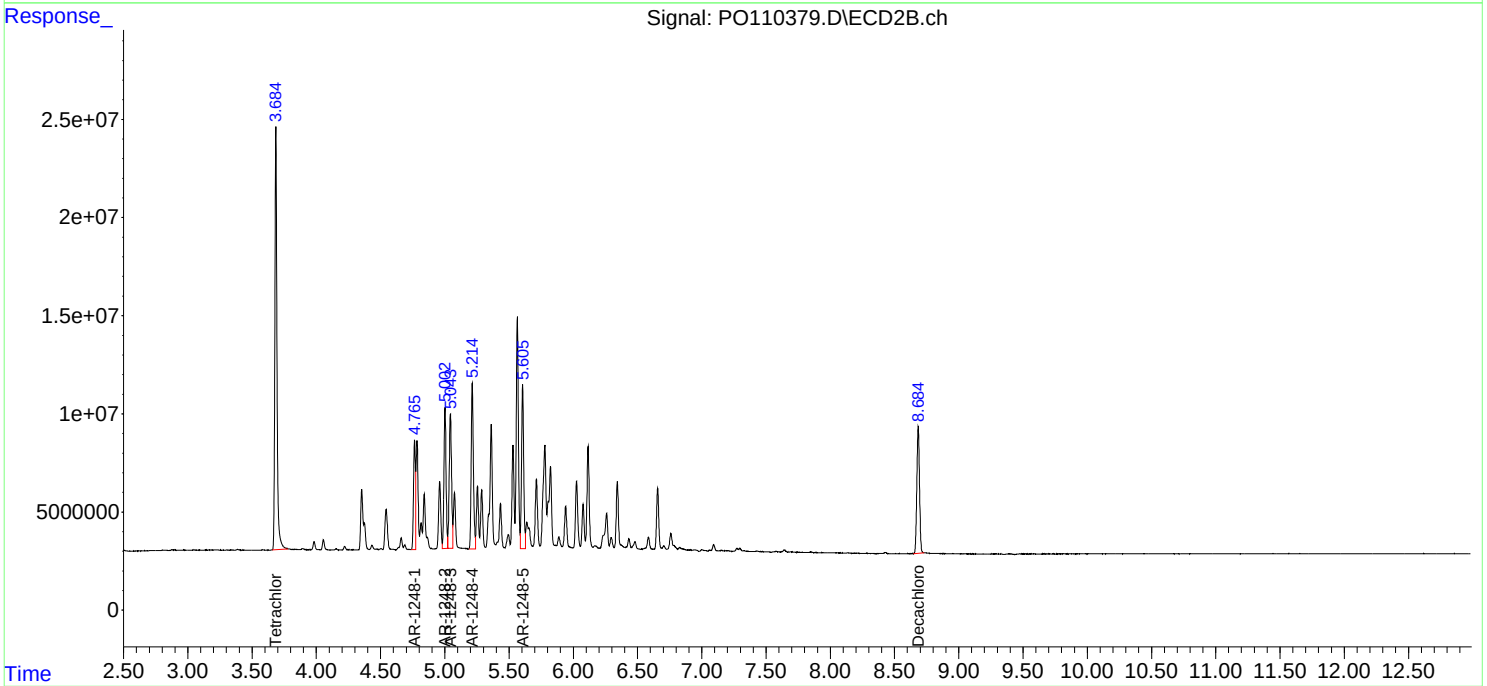
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:22
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

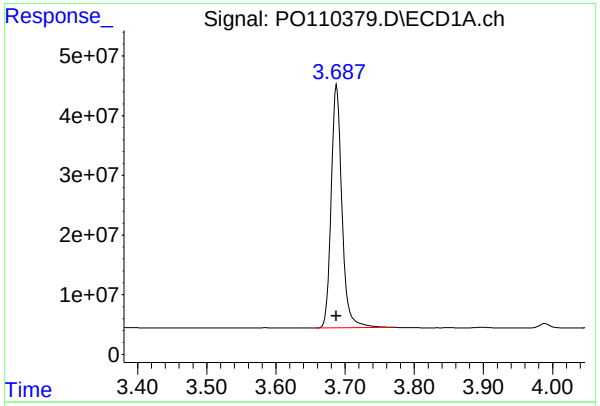
Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 01:39:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



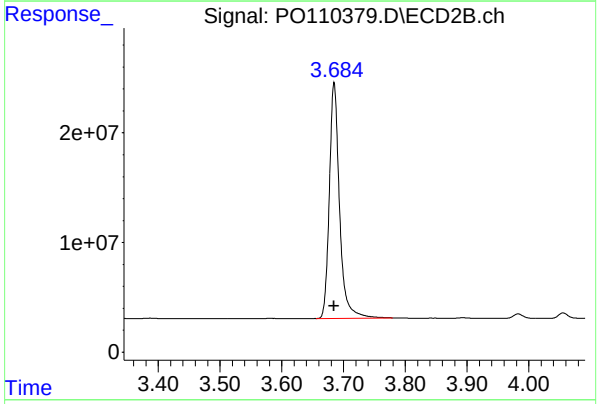




#1 Tetrachloro-m-xylene

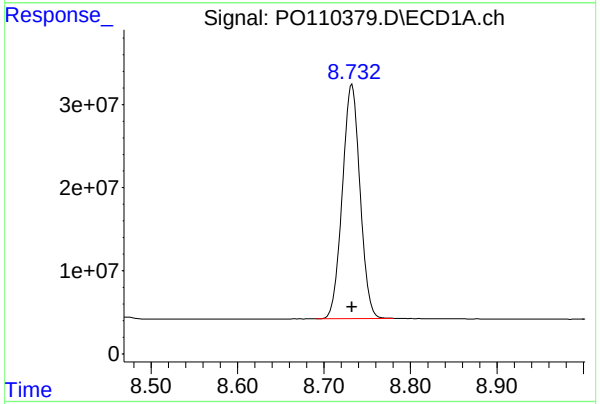
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 439149263
Conc: 51.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248



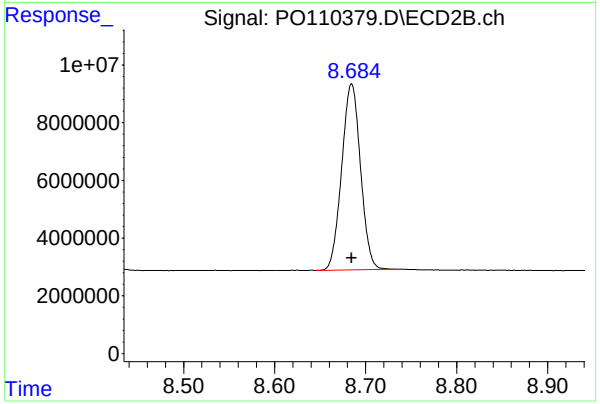
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 246849981
Conc: 51.05 ng/ml



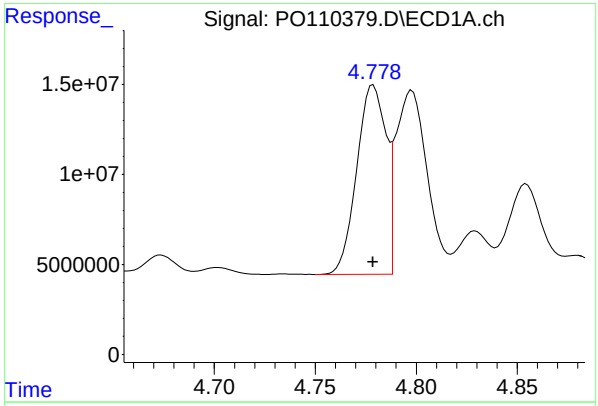
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 400112620
Conc: 50.36 ng/ml



#2 Decachlorobiphenyl

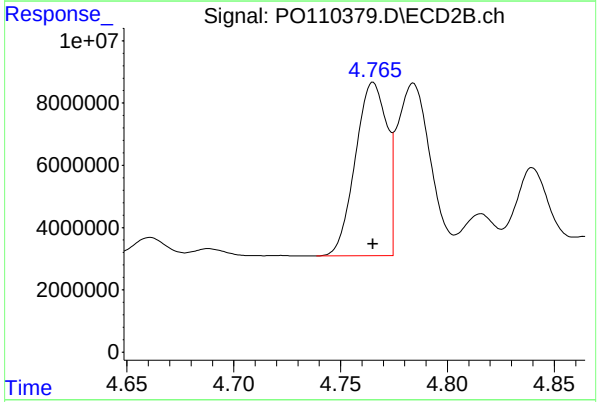
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 92657947
Conc: 49.28 ng/ml



#21 AR-1248-1

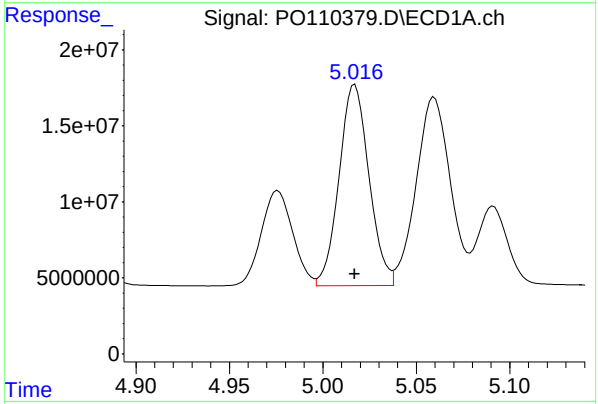
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 106018952
Conc: 498.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248



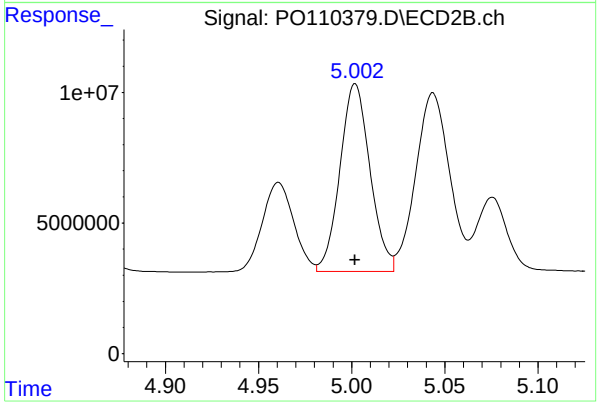
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 57397514
Conc: 498.54 ng/ml



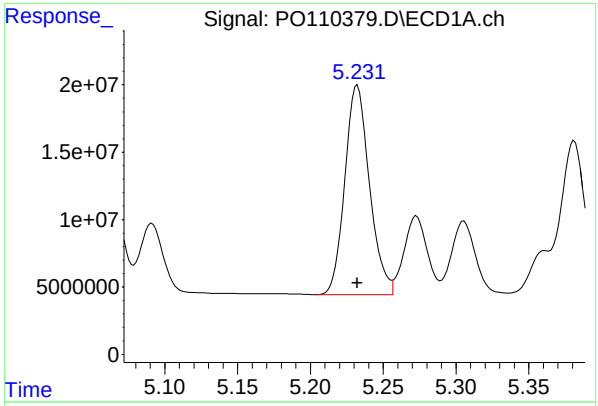
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 147440286
Conc: 498.24 ng/ml



#22 AR-1248-2

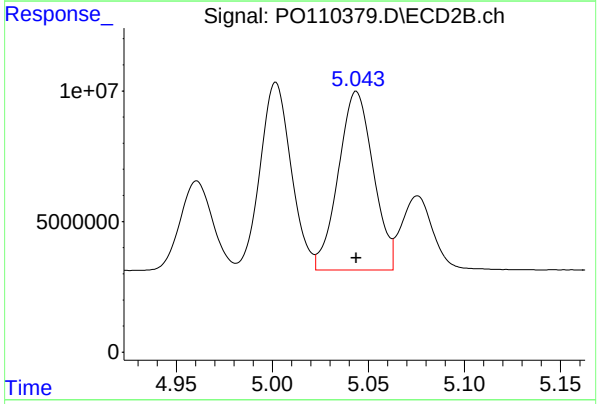
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 80796045
Conc: 496.04 ng/ml



#23 AR-1248-3

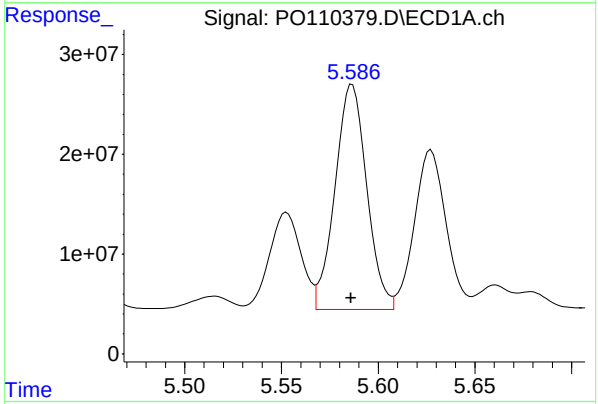
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 183478000
Conc: 495.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248



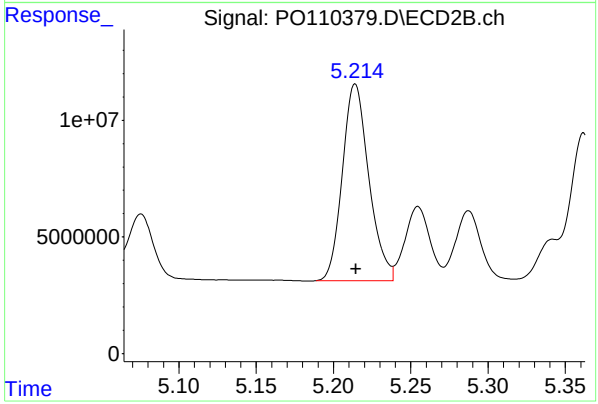
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 86306627
Conc: 490.78 ng/ml



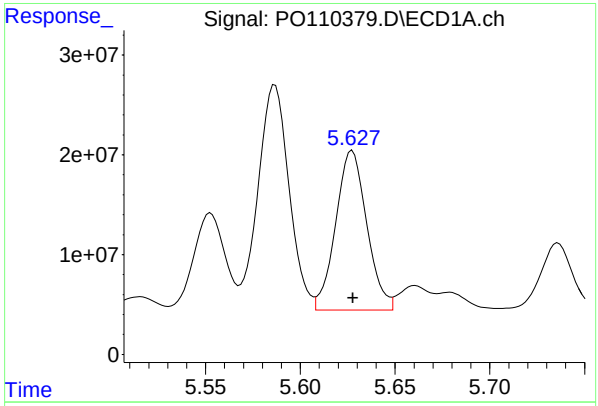
#24 AR-1248-4

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 257323549
Conc: 494.82 ng/ml



#24 AR-1248-4

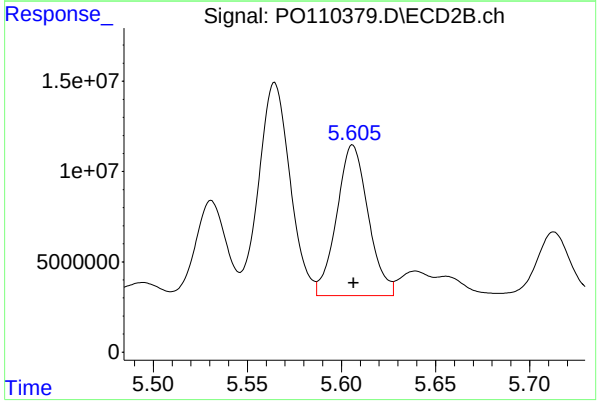
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 100169669
Conc: 491.80 ng/ml



#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: 0.000 mi
Response: 183103878
Conc: 495.64 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1248



#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 97158423
Conc: 492.20 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:58
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 02:09:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:07:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.684	444.9E6	251.2E6	51.100	51.235
2)	SA Decachlor...	8.730	8.683	404.8E6	94520608	49.556	49.296
	Target Compounds						
26)	L6 AR-1254-1	5.585	5.565	274.4E6	147.3E6	491.771	488.501
27)	L6 AR-1254-2	5.734	5.713	239.5E6	129.3E6	493.094	488.639
28)	L6 AR-1254-3	6.139	6.115	390.3E6	201.0E6	498.314	498.355
29)	L6 AR-1254-4	6.369	6.343	241.8E6	114.4E6	495.833	498.111
30)	L6 AR-1254-5	6.788	6.760	346.0E6	164.5E6	493.657	494.897

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

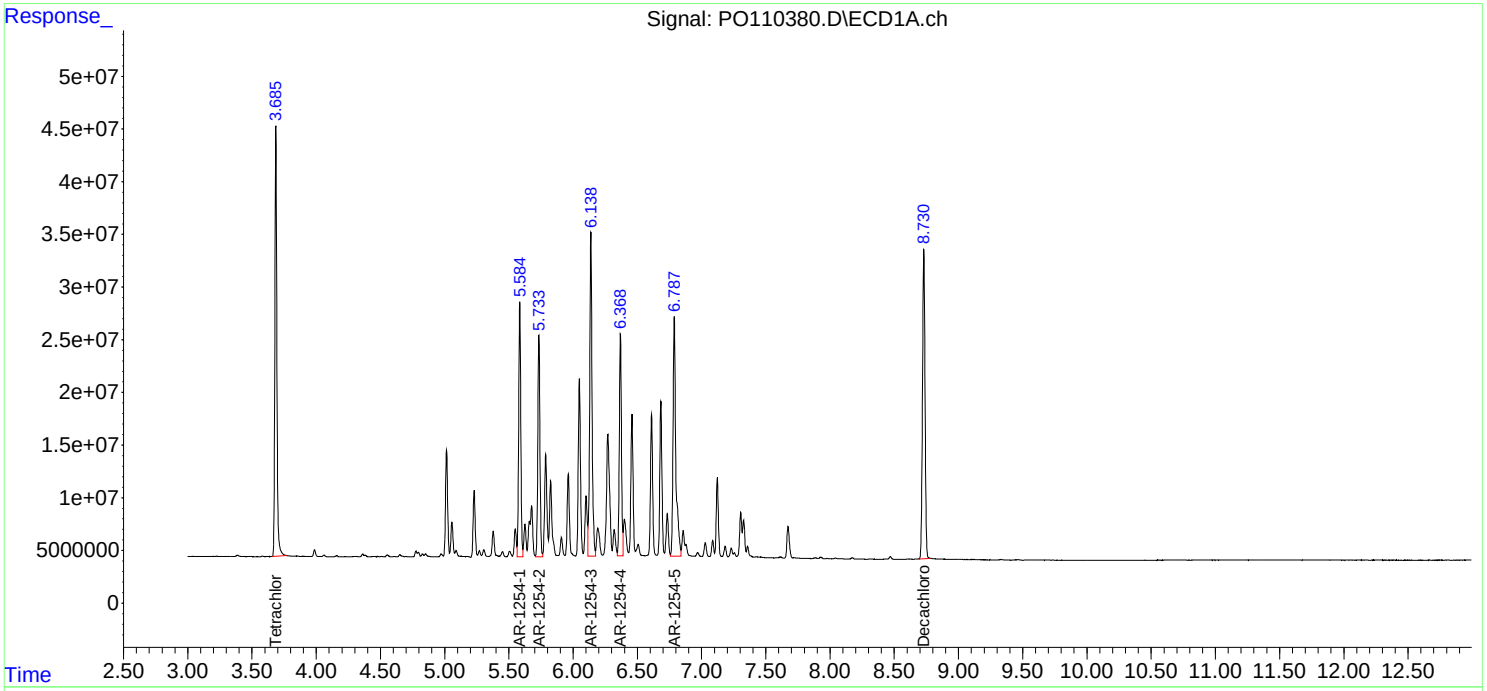
ICAL Form

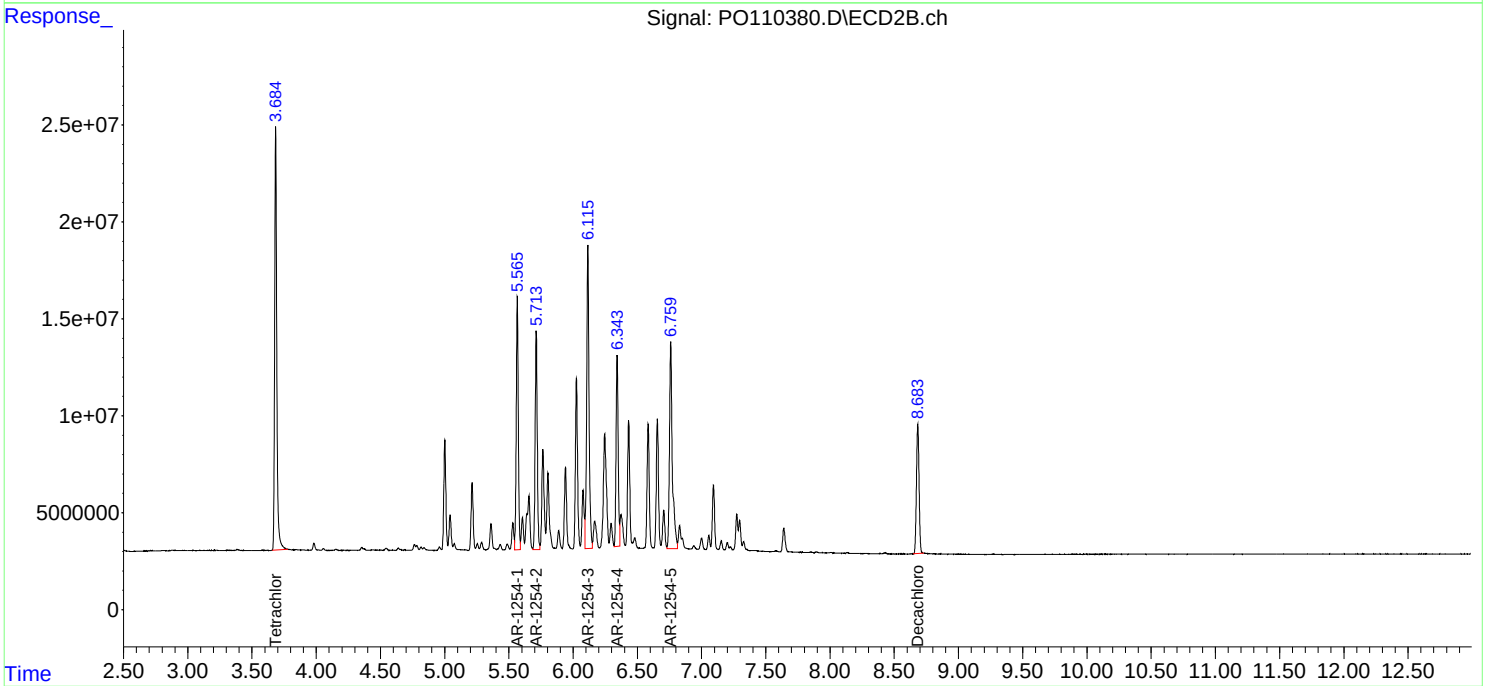
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:58
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

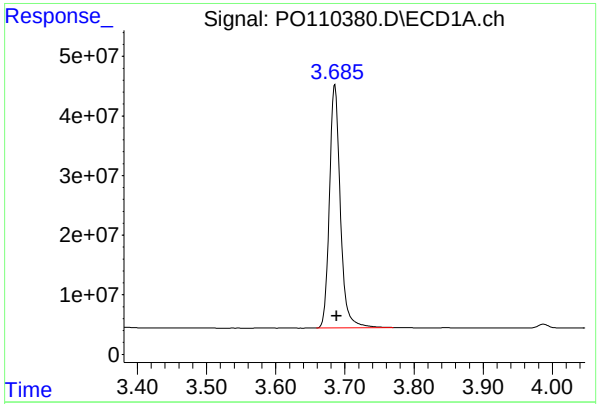
Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 02:09:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:07:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



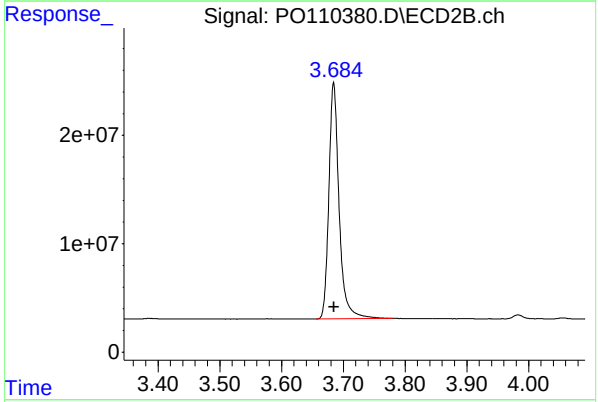




#1 Tetrachloro-m-xylene

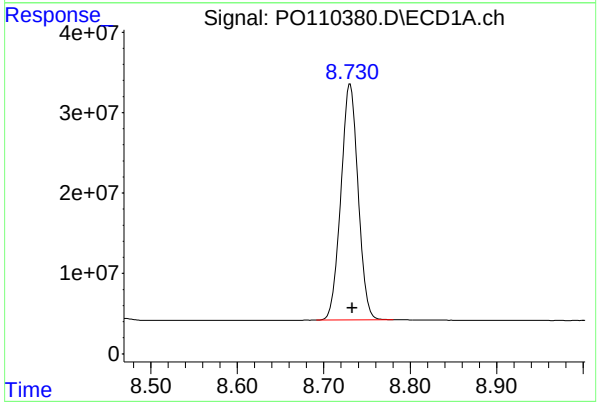
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 444900239
Conc: 51.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254



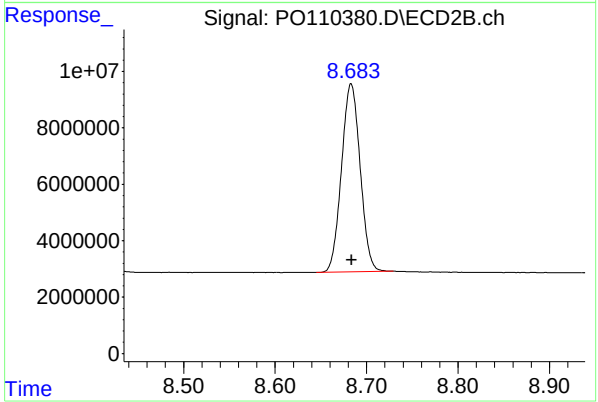
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 251232379
Conc: 51.24 ng/ml



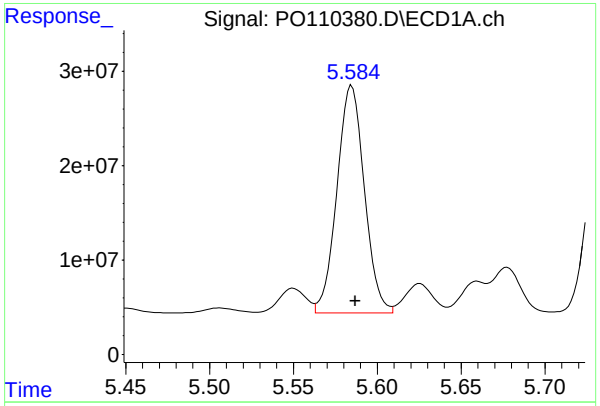
#2 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.003 min
Response: 404777959
Conc: 49.56 ng/ml



#2 Decachlorobiphenyl

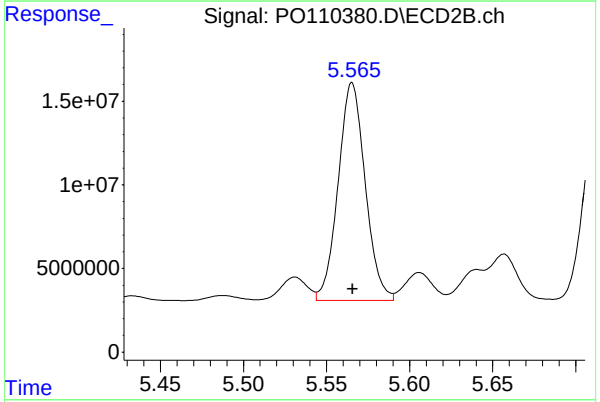
R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 94520608
Conc: 49.30 ng/ml



#26 AR-1254-1

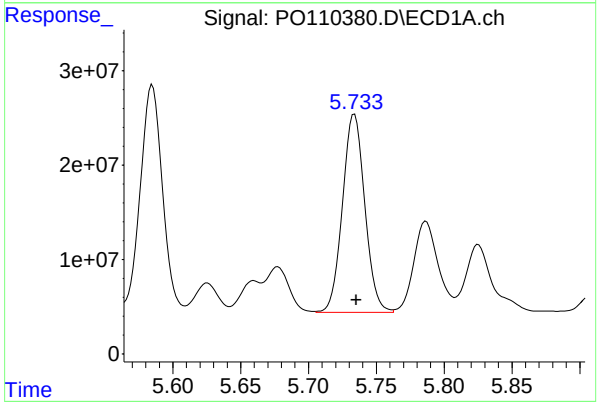
R.T.: 5.585 min
Delta R.T.: -0.002 mi
Response: 274402754
Conc: 491.77 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254



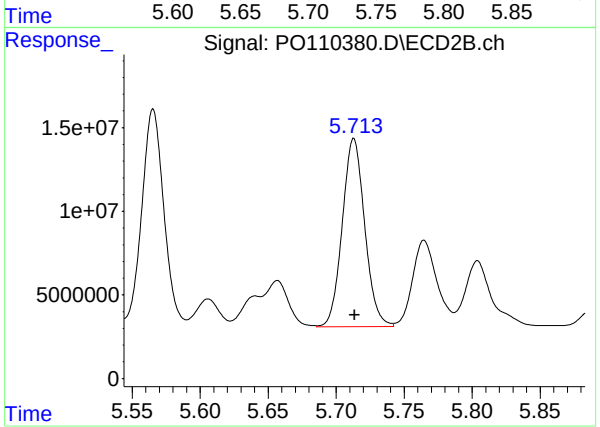
#26 AR-1254-1

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 147282616
Conc: 488.50 ng/ml



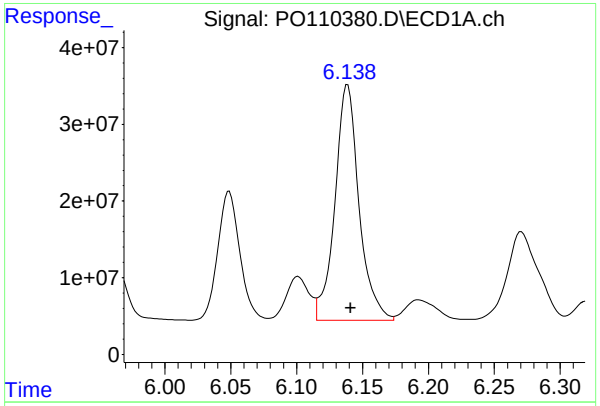
#27 AR-1254-2

R.T.: 5.734 min
Delta R.T.: -0.002 min
Response: 239497012
Conc: 493.09 ng/ml



#27 AR-1254-2

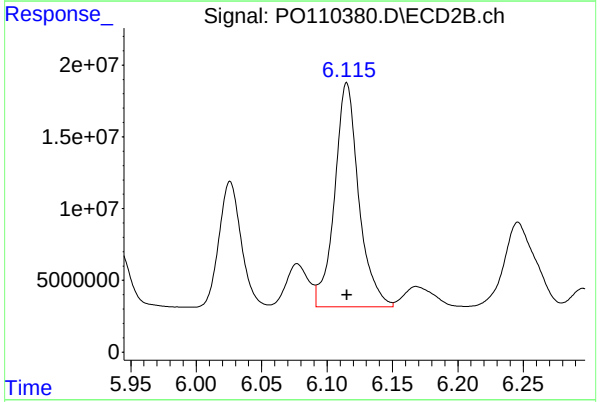
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 129335526
Conc: 488.64 ng/ml



#28 AR-1254-3

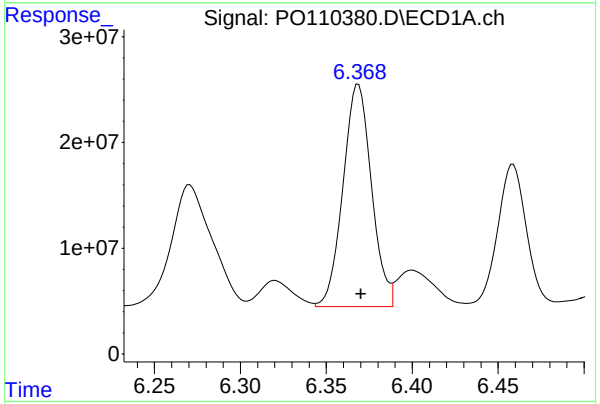
R.T.: 6.139 min
Delta R.T.: -0.002 mi
Response: 390290001
Conc: 498.31 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254



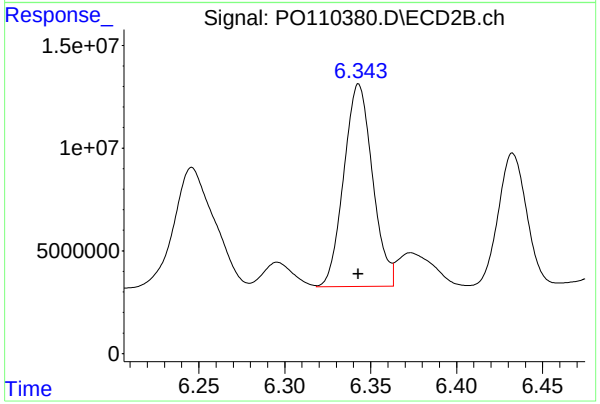
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 201044539
Conc: 498.36 ng/ml



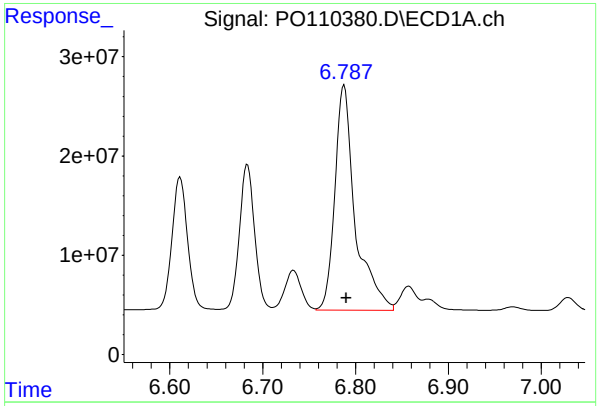
#29 AR-1254-4

R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 241770989
Conc: 495.83 ng/ml



#29 AR-1254-4

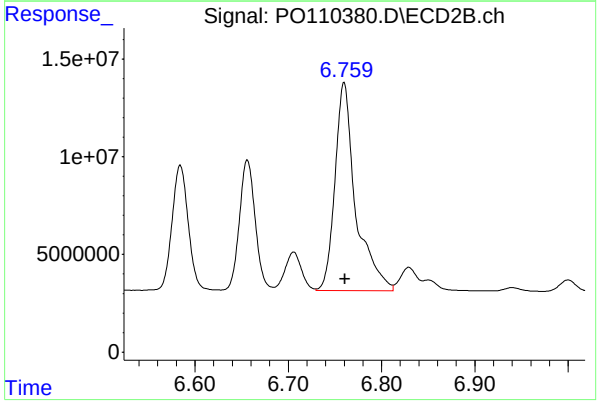
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 114422519
Conc: 498.11 ng/ml



#30 AR-1254-5

R.T.: 6.788 min
Delta R.T.: -0.002 mi
Response: 346004179
Conc: 493.66 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1254



#30 AR-1254-5

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 164450224
Conc: 494.90 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 20:35
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 02:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.688	3.685	447.9E6	251.5E6	52.934	52.706
2)	SA Decachlor...	8.733	8.685	720.6E6	163.2E6	50.087	49.769
	Target Compounds						
41)	L9 AR-1268-1	7.615	7.581	703.2E6	273.9E6	499.070	501.677
42)	L9 AR-1268-2	7.680	7.646	652.7E6	249.2E6	504.213	500.302
43)	L9 AR-1268-3	7.887	7.852	529.5E6	185.9E6	503.681	501.520
44)	L9 AR-1268-4	8.176	8.137	229.7E6	72282546	519.956	512.014
45)	L9 AR-1268-5	8.472	8.430	1642.7E6	393.7E6	499.897	496.919

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

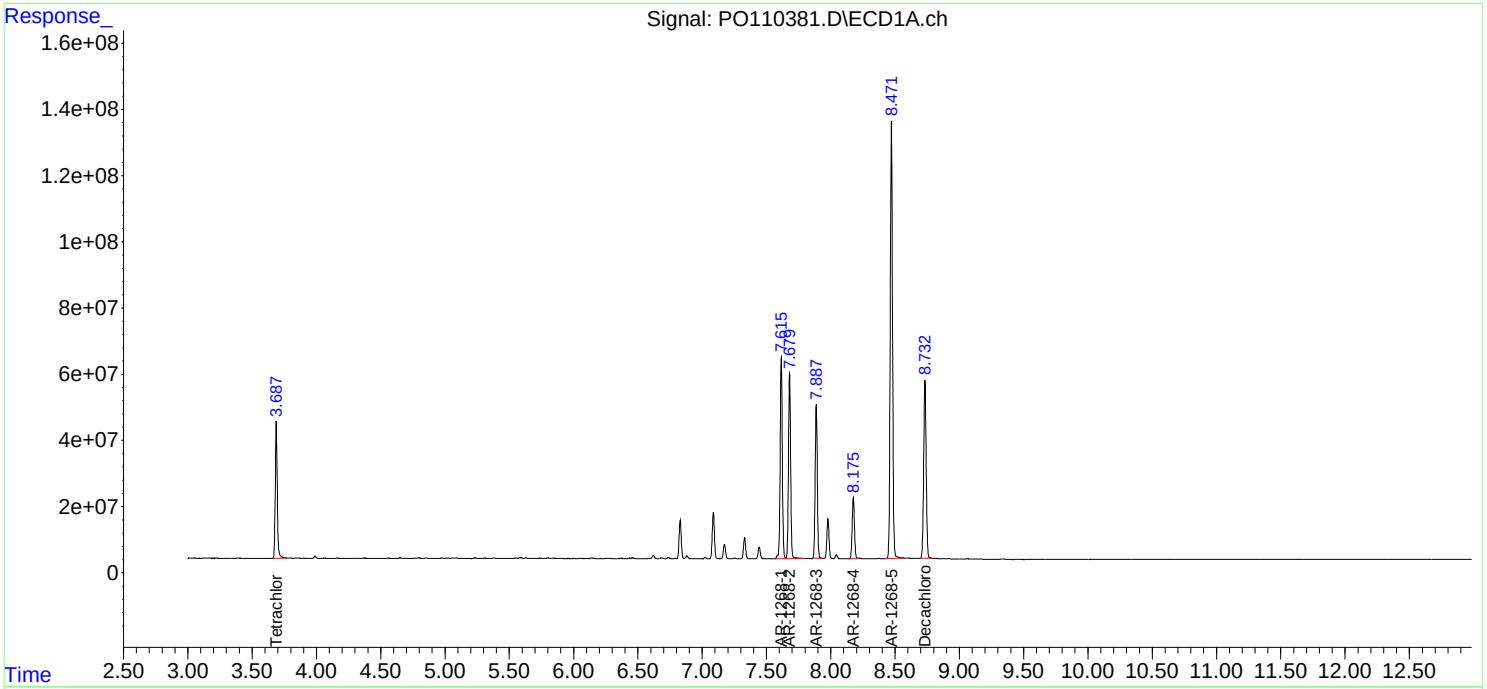
ICAL Form

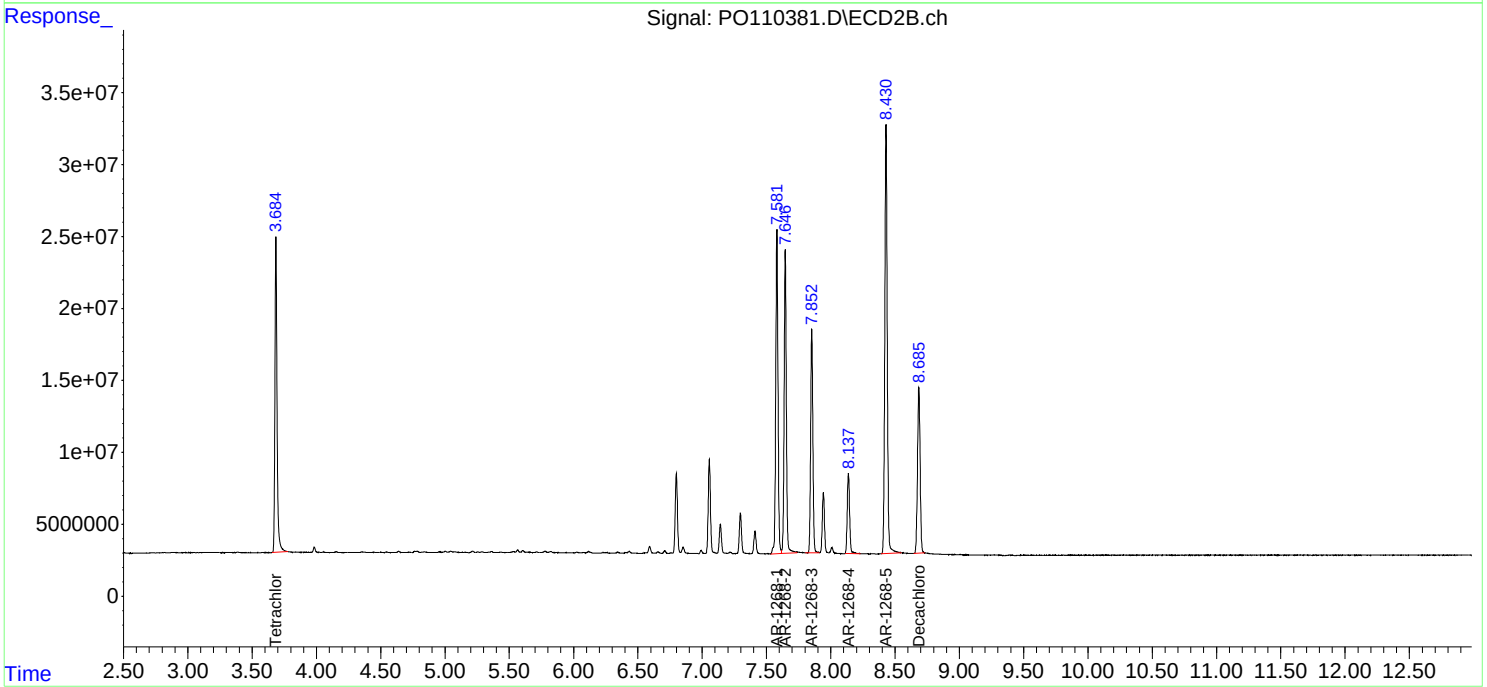
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 20:35
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

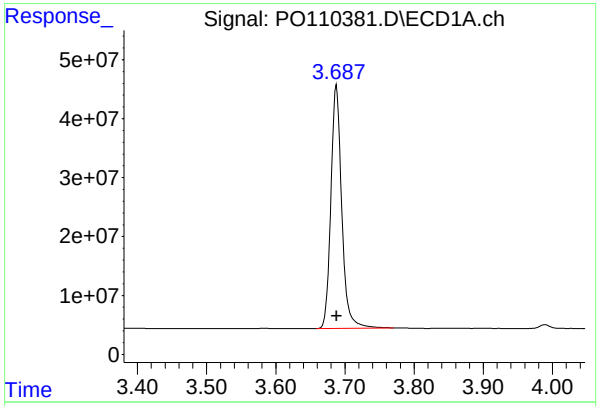
Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 02:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



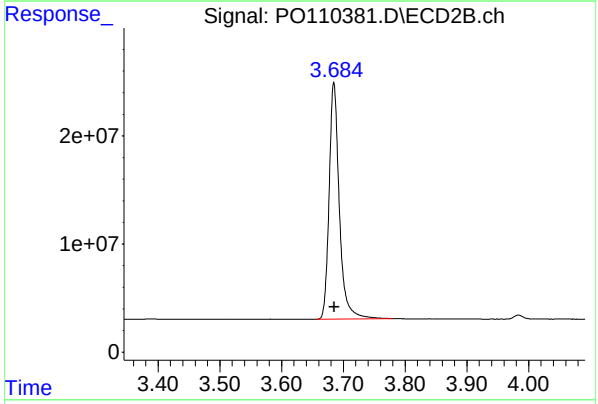




#1 Tetrachloro-m-xylene

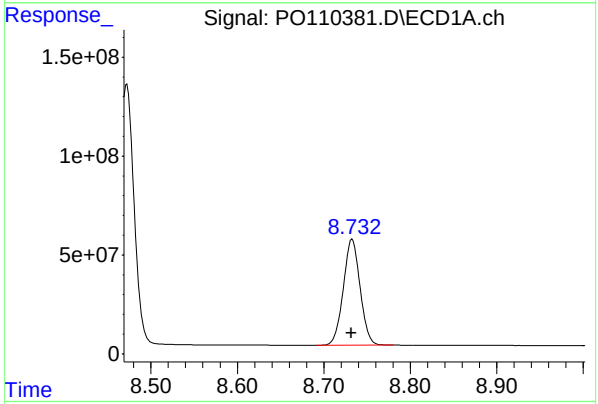
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 447894257
Conc: 52.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268



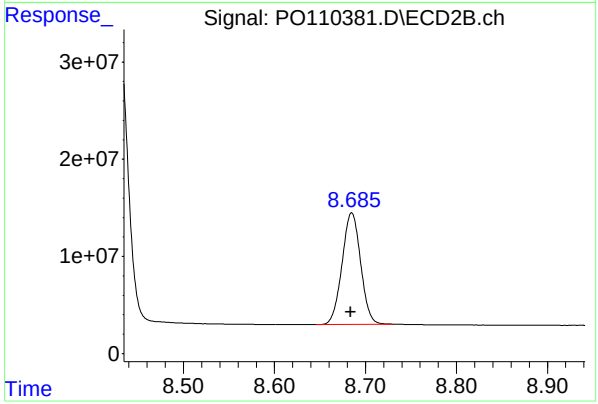
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 251543531
Conc: 52.71 ng/ml



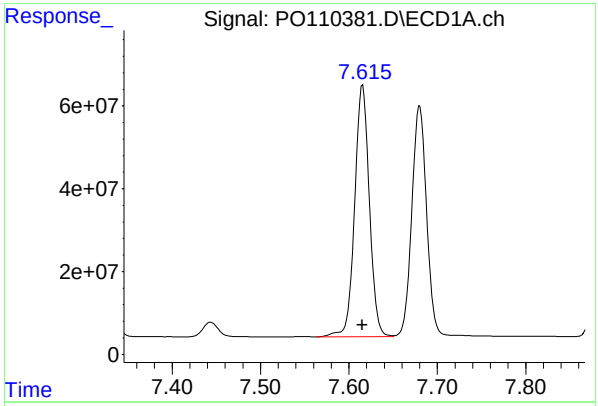
#2 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: 0.001 min
Response: 720557931
Conc: 50.09 ng/ml



#2 Decachlorobiphenyl

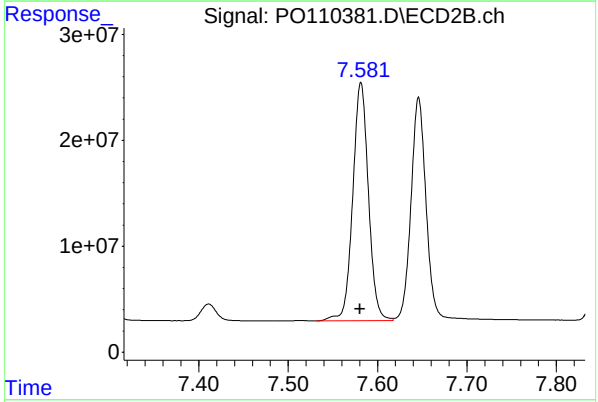
R.T.: 8.685 min
Delta R.T.: 0.001 min
Response: 163169409
Conc: 49.77 ng/ml



#41 AR-1268-1

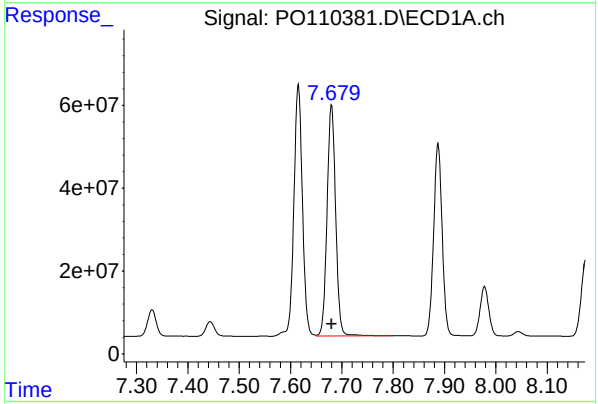
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 703246486
Conc: 499.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268



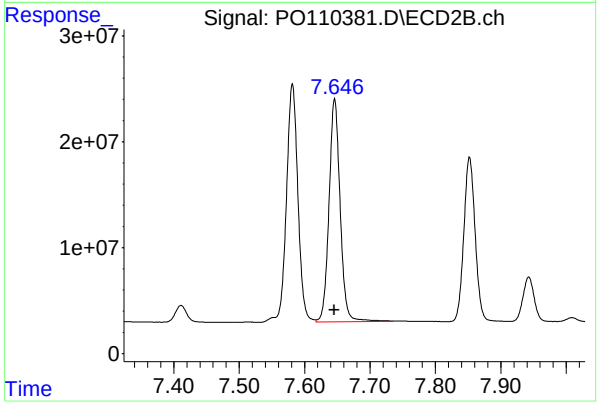
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: 0.001 min
Response: 273859995
Conc: 501.68 ng/ml



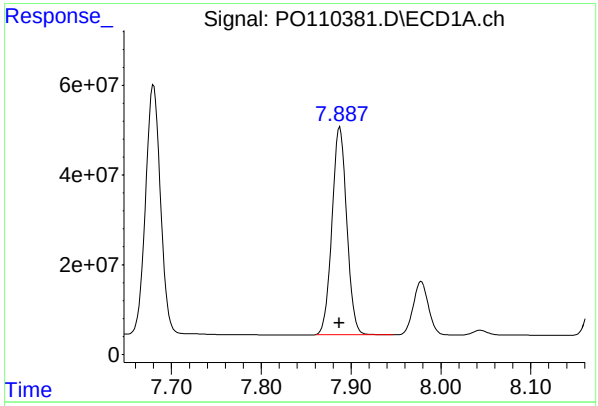
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 652667543
Conc: 504.21 ng/ml



#42 AR-1268-2

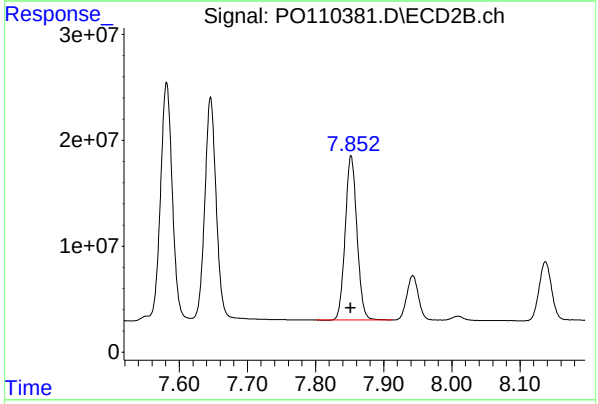
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 249160771
Conc: 500.30 ng/ml



#43 AR-1268-3

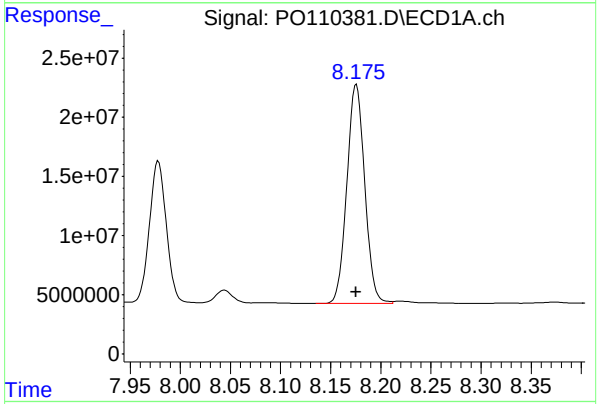
R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 529533142
Conc: 503.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268



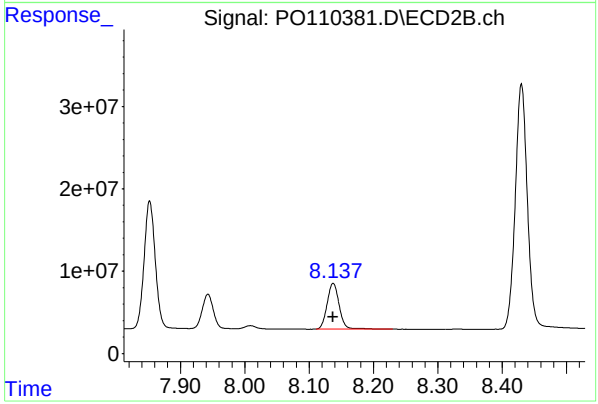
#43 AR-1268-3

R.T.: 7.852 min
Delta R.T.: 0.000 min
Response: 185920985
Conc: 501.52 ng/ml



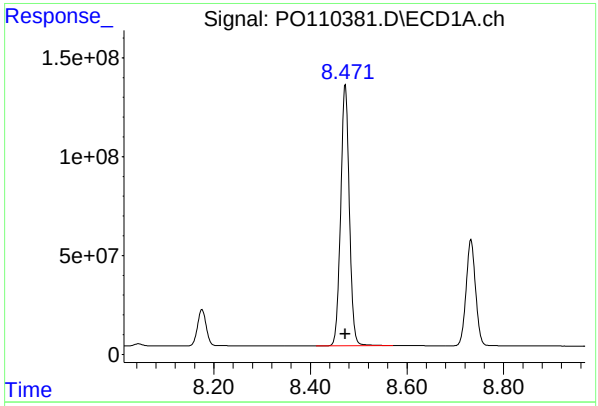
#44 AR-1268-4

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 229738508
Conc: 519.96 ng/ml



#44 AR-1268-4

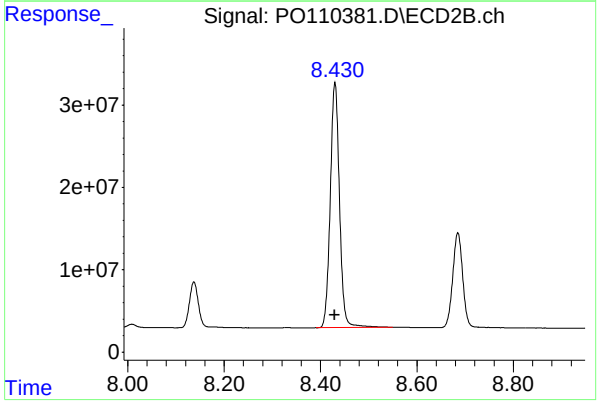
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 72282546
Conc: 512.01 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 1642717623
Conc: 499.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO041025AR1268



#45 AR-1268-5

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 393682568
Conc: 496.92 ng/ml

Raw Data

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP071389.D RT 750 = PP071390.D

RT 500 = PP071391.D RT 250 = PP071392.D RT 050 = PP071393.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.66	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1016-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1016-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1016-5	(5)	6.14	6.14	6.15	6.14	6.14	6.14	6.04	6.24
Aroclor-1260-1	(1)	7.26	7.26	7.27	7.26	7.26	7.26	7.16	7.36
Aroclor-1260-2	(2)	7.51	7.51	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1260-3	(3)	7.87	7.87	7.88	7.87	7.88	7.87	7.77	7.97
Aroclor-1260-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1260-5	(5)	8.42	8.42	8.42	8.42	8.42	8.42	8.32	8.52
Decachlorobiphenyl		10.23	10.23	10.24	10.23	10.24	10.23	10.13	10.33
Tetrachloro-m-xylene		4.51	4.51	4.52	4.51	4.52	4.51	4.41	4.61
Aroclor-1242-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1242-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1242-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1242-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.23	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.51	4.52	4.51	4.51	4.52	4.51	4.41	4.61
Aroclor-1248-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1248-2	(2)	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Aroclor-1248-3	(3)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1248-4	(4)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1248-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.24	10.24	10.24	10.24	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.51	4.51	4.51	4.51	4.41	4.61
Aroclor-1254-1	(1)	6.52	6.52	6.52	6.52	6.52	6.52	6.42	6.62
Aroclor-1254-2	(2)	6.74	6.74	6.74	6.73	6.74	6.74	6.64	6.84
Aroclor-1254-3	(3)	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
Aroclor-1254-4	(4)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1254-5	(5)	7.80	7.80	7.80	7.80	7.80	7.80	7.70	7.90
Decachlorobiphenyl		10.24	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.52	4.51	4.51	4.51	4.41	4.61
Aroclor-1268-1	(1)	8.73	8.73	8.73	8.74	8.73	8.73	8.63	8.83
Aroclor-1268-2	(2)	8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Aroclor-1268-3	(3)	9.06	9.06	9.06	9.06	9.06	9.06	8.96	9.16
Aroclor-1268-4	(4)	9.48	9.48	9.48	9.48	9.48	9.48	9.38	9.58
Aroclor-1268-5	(5)	9.89	9.89	9.89	9.90	9.89	9.90	9.80	10.00

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.24	10.23	10.24	10.24	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene	4.51	4.52	4.52	4.52	4.51	4.52	4.42	4.62

Raw Data

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP071389.D RT 750 = PP071390.D

RT 500 = PP071391.D RT 250 = PP071392.D RT 050 = PP071393.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-3	(3)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1016-4	(4)	5.13	5.13	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1016-5	(5)	5.35	5.35	5.35	5.35	5.35	5.35	5.25	5.45
Aroclor-1260-1	(1)	6.38	6.38	6.39	6.39	6.38	6.38	6.28	6.48
Aroclor-1260-2	(2)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Aroclor-1260-3	(3)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Aroclor-1260-4	(4)	7.20	7.20	7.20	7.20	7.20	7.20	7.10	7.30
Aroclor-1260-5	(5)	7.44	7.44	7.44	7.44	7.44	7.44	7.34	7.54
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-3	(3)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1242-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1242-5	(5)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1248-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-3	(3)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-4	(4)	5.35	5.35	5.35	5.35	5.35	5.35	5.25	5.45
Aroclor-1248-5	(5)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1254-1	(1)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1254-2	(2)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1254-3	(3)	6.25	6.26	6.25	6.26	6.26	6.26	6.16	6.36
Aroclor-1254-4	(4)	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
Aroclor-1254-5	(5)	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1268-1	(1)	7.72	7.72	7.72	7.72	7.72	7.72	7.62	7.82
Aroclor-1268-2	(2)	7.79	7.79	7.79	7.79	7.79	7.79	7.69	7.89
Aroclor-1268-3	(3)	7.99	7.99	7.99	7.99	7.99	7.99	7.89	8.09
Aroclor-1268-4	(4)	8.29	8.29	8.29	8.29	8.29	8.29	8.19	8.39
Aroclor-1268-5	(5)	8.59	8.59	8.59	8.59	8.59	8.59	8.49	8.69

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene	3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PP071389.D **CF 750 =** PP071390.D

CF 500 = PP071391.D **CF 250 =** PP071392.D **CF 050 =** PP071393.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	64709894	67652695	70083532	71128656	61674340	67049823	6
Aroclor-1016-2	(2)	98977911	102364897	107369074	108813892	95615840	102628323	5
Aroclor-1016-3	(3)	59905708	62127143	64296308	65849928	56056440	61647105	6
Aroclor-1016-4	(4)	50563747	52419789	53619076	54941428	44946700	51298148	8
Aroclor-1016-5	(5)	47772963	49344036	50670668	50888564	42515680	48238382	7
Aroclor-1260-1	(1)	90879847	94857525	98814986	99659744	95910940	96024608	4
Aroclor-1260-2	(2)	137163459	142386411	147498372	149887700	138450980	143077384	4
Aroclor-1260-3	(3)	110350751	114445481	117702804	126515524	91505860	112104084	12
Aroclor-1260-4	(4)	105570732	110780085	111211068	131260612	105501660	112864831	9
Aroclor-1260-5	(5)	220536830	229070229	228919678	255108180	199231240	226573231	9
Decachlorobiphenyl		1409816860	1467002307	1522583160	1539948480	1300700600	1448010281	7
Tetrachloro-m-xylene		1947183160	2005072840	2066603680	2100352680	1793966200	1982635712	6
Aroclor-1242-1	(1)	53870259	55684409	58494980	58676784	47130380	54771362	9
Aroclor-1242-2	(2)	81881116	85641493	90236470	89744200	77399340	84980524	6
Aroclor-1242-3	(3)	49423643	51294363	53309060	53836868	47752740	51123335	5
Aroclor-1242-4	(4)	41638031	42855355	45034468	44656444	36858500	42208560	8
Aroclor-1242-5	(5)	44955701	46392219	48330700	47956460	43817460	46290508	4
Decachlorobiphenyl		1368547670	1421241013	1488838040	1503303480	1179092600	1392204561	9
Tetrachloro-m-xylene		1868945350	1926494133	2017272340	2030390160	1613146400	1891249677	9
Aroclor-1248-1	(1)	42447397	43370463	44490672	45736348	38649560	42938888	6
Aroclor-1248-2	(2)	57932834	60215229	62023042	63285912	58705480	60432499	4
Aroclor-1248-3	(3)	65030901	68053485	69372090	70318056	61147600	66784426	6
Aroclor-1248-4	(4)	80777360	84441085	86910244	89142916	81782860	84610893	4
Aroclor-1248-5	(5)	76029464	78502729	80776474	83552224	78380620	79448302	4
Decachlorobiphenyl		1379130770	1440268240	1485619680	1521197800	1358343200	1436911938	5
Tetrachloro-m-xylene		1879191440	1925518227	1989640420	2037603040	1811949400	1928780505	5
Aroclor-1254-1	(1)	78574372	81246615	85577334	88598188	75759400	81951182	6
Aroclor-1254-2	(2)	121624435	125816099	132146328	137115708	118678260	127076166	6
Aroclor-1254-3	(3)	123432630	127799839	132981654	137623252	117036460	127774767	6
Aroclor-1254-4	(4)	112512019	116259037	121737436	124392856	112665620	117513394	5
Aroclor-1254-5	(5)	106399089	105922557	113785120	116153044	96391680	107730298	7
Decachlorobiphenyl		1410101810	1469202520	1526389740	1549706840	1328725400	1456825262	6
Tetrachloro-m-xylene		1888241120	1936990333	2012368600	2071565920	1722515200	1926336235	7
Aroclor-1268-1	(1)	299594266	309097848	319744804	331826088	282063800	308465361	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	251109850	259047004	267960354	275856908	228123960	256419615	7
Aroclor-1268-3	(3)	211915080	218354113	225284280	231505696	216470880	220706010	4
Aroclor-1268-4	(4)	93231632	96431025	99007040	98059984	82736300	93893196	7
Aroclor-1268-5	(5)	590082071	603740247	621062448	631335032	536707900	596585540	6
Decachlorobiphenyl		2486623660	2556709627	2669414960	2694667240	2263272000	2534137497	7
Tetrachloro-m-xylene		1883977950	1931567613	1982008260	2006991440	1590966000	1879102253	9

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PP071389.D **CF 750 =** PP071390.D

CF 500 = PP071391.D **CF 250 =** PP071392.D **CF 050 =** PP071393.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	48121828	49414308	53806128	56180596	60145020	53533576	9
Aroclor-1016-2	(2)	69736709	72096436	77213744	78520924	84250740	76363711	7
Aroclor-1016-3	(3)	38517048	40455577	43831736	45082616	43165080	42210411	6
Aroclor-1016-4	(4)	31206636	32814844	36123020	37095092	35190100	34485938	7
Aroclor-1016-5	(5)	39458687	41985771	45850608	46345748	48595640	44447291	8
Aroclor-1260-1	(1)	63219917	66123699	73727666	76350368	82074520	72299234	11
Aroclor-1260-2	(2)	77338708	77548395	89921718	91492956	101005300	87461415	12
Aroclor-1260-3	(3)	72062678	70944365	81698234	79344004	87888600	78387576	9
Aroclor-1260-4	(4)	57333188	56779915	65331750	68083052	68025140	63110609	9
Aroclor-1260-5	(5)	143809415	139161576	155842678	157512280	157560640	150777318	6
Decachlorobiphenyl		831147600	875337973	902319620	934998560	841460400	877052831	5
Tetrachloro-m-xylene		1380433570	1378340613	1415112020	1448341640	1420974200	1408640409	2
Aroclor-1242-1	(1)	42717527	44660211	47919806	49576672	46343800	46243603	6
Aroclor-1242-2	(2)	62346958	64901092	68295906	70279172	64290540	66022734	5
Aroclor-1242-3	(3)	34614031	35703872	38469574	40739776	32714120	36448275	9
Aroclor-1242-4	(4)	33518120	34659665	37548334	39683016	33143760	35710579	8
Aroclor-1242-5	(5)	41214500	42688541	44971456	47258656	41407120	43508055	6
Decachlorobiphenyl		815615080	851726400	897002660	917481280	766770800	849719244	7
Tetrachloro-m-xylene		1295159620	1325412680	1503876340	1432488040	1389045200	1389196376	6
Aroclor-1248-1	(1)	30996932	35945815	36538014	39256084	37796080	36106585	9
Aroclor-1248-2	(2)	43624561	47309389	48616518	53505512	51756020	48962400	8
Aroclor-1248-3	(3)	45791659	49899927	50774174	56002176	52959580	51085503	7
Aroclor-1248-4	(4)	53871444	58562581	58680784	64889280	67282380	60657294	9
Aroclor-1248-5	(5)	52150607	56290108	57608714	65271236	60133720	58290877	8
Decachlorobiphenyl		826375100	860756013	900400040	940375840	921771600	889935719	5
Tetrachloro-m-xylene		1324712230	1514156880	1548203640	1434858960	1416930600	1447772462	6
Aroclor-1254-1	(1)	81690839	87361264	89755404	97285536	100908960	91400401	8
Aroclor-1254-2	(2)	70045476	75469849	77317914	83154376	87573280	78712179	9
Aroclor-1254-3	(3)	109725744	114103376	120096818	124380164	124235440	118508308	5
Aroclor-1254-4	(4)	70169900	74068720	77810162	81877428	81901880	77165618	7
Aroclor-1254-5	(5)	92229111	96109599	104690794	107384400	106924600	101467701	7
Decachlorobiphenyl		846307500	875335867	916104900	955261880	868223800	892246789	5
Tetrachloro-m-xylene		1390553300	1501013893	1450901500	1518608160	1468503000	1465915971	3
Aroclor-1268-1	(1)	181860271	188460193	203483780	205414332	201904640	196224643	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	154801411	159518377	172755008	173272408	170561360	166181713	5
Aroclor-1268-3	(3)	128491160	133089205	143083692	144773184	135469120	136981272	5
Aroclor-1268-4	(4)	56964280	59695839	63521398	64177792	55793320	60030526	6
Aroclor-1268-5	(5)	367021219	377695863	385175068	387479012	342861840	372046600	5
Decachlorobiphenyl		1499051200	1546040093	1602790460	1652739760	1464953600	1553115023	5
Tetrachloro-m-xylene		1476470990	1445952813	1464214380	1457737600	1300882000	1429051557	5

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_P **Date(s) Analyzed:** 04/22/2025 04/22/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.72	4.62	4.82	24116800
		2	4.80	4.70	4.90	18016900
		3	4.88	4.78	4.98	56611200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.88	4.78	4.98	44912000
		2	5.40	5.30	5.50	23013000
		3	5.69	5.59	5.79	47217600
		4	5.85	5.75	5.95	23179400
		5	5.94	5.84	6.04	16145700
Aroclor-1262	500	1	8.10	8.00	8.20	144491000
		2	8.42	8.32	8.52	274186000
		3	8.74	8.64	8.84	182878000
		4	8.82	8.72	8.92	134211000
		5	9.48	9.38	9.58	88162000

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Instrument ID: ECD_P **Date(s) Analyzed:** 04/22/2025 04/22/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.02	3.92	4.12	21995000
		2	4.11	4.01	4.21	16561700
		3	4.19	4.09	4.29	48477000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.19	4.09	4.29	38317800
		2	4.92	4.82	5.02	38187400
		3	5.09	4.99	5.19	21175200
		4	5.18	5.08	5.28	18540400
		5	5.35	5.25	5.45	19901900
Aroclor-1262	500	1	6.94	6.84	7.04	113612000
		2	7.20	7.10	7.30	92339400
		3	7.72	7.62	7.82	75694400
		4	7.79	7.69	7.89	124826000
		5	8.29	8.19	8.39	55493200

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:29
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:18:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.511	3.811	194.7E6	138.0E6	97.025	98.760
2)	SA Decachlor...	10.230	8.849	141.0E6	83114760	96.154	95.894
	Target Compounds						
3)	L1 AR-1016-1	5.664	4.897	64709894	48121828	960.134	944.232
4)	L1 AR-1016-2	5.686	4.915	98977911	69736709	959.335	949.119
5)	L1 AR-1016-3	5.749	5.092	59905708	38517048	964.650	935.461
6)	L1 AR-1016-4	5.846	5.134	50563747	31206636	970.673	926.980
7)	L1 AR-1016-5	6.139	5.349	47772963	39458687	970.565	925.074
31)	L7 AR-1260-1	7.259	6.384	90879847	63219917	958.169	923.272
32)	L7 AR-1260-2	7.512	6.572	137.2E6	77338708	963.694	924.770
33)	L7 AR-1260-3	7.872	6.726	110.4E6	72062678	967.762	937.334
34)	L7 AR-1260-4	8.095	7.197	105.6E6	57333188	973.982	934.793
35)	L7 AR-1260-5	8.416	7.439	220.5E6	143.8E6	981.349	959.843

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

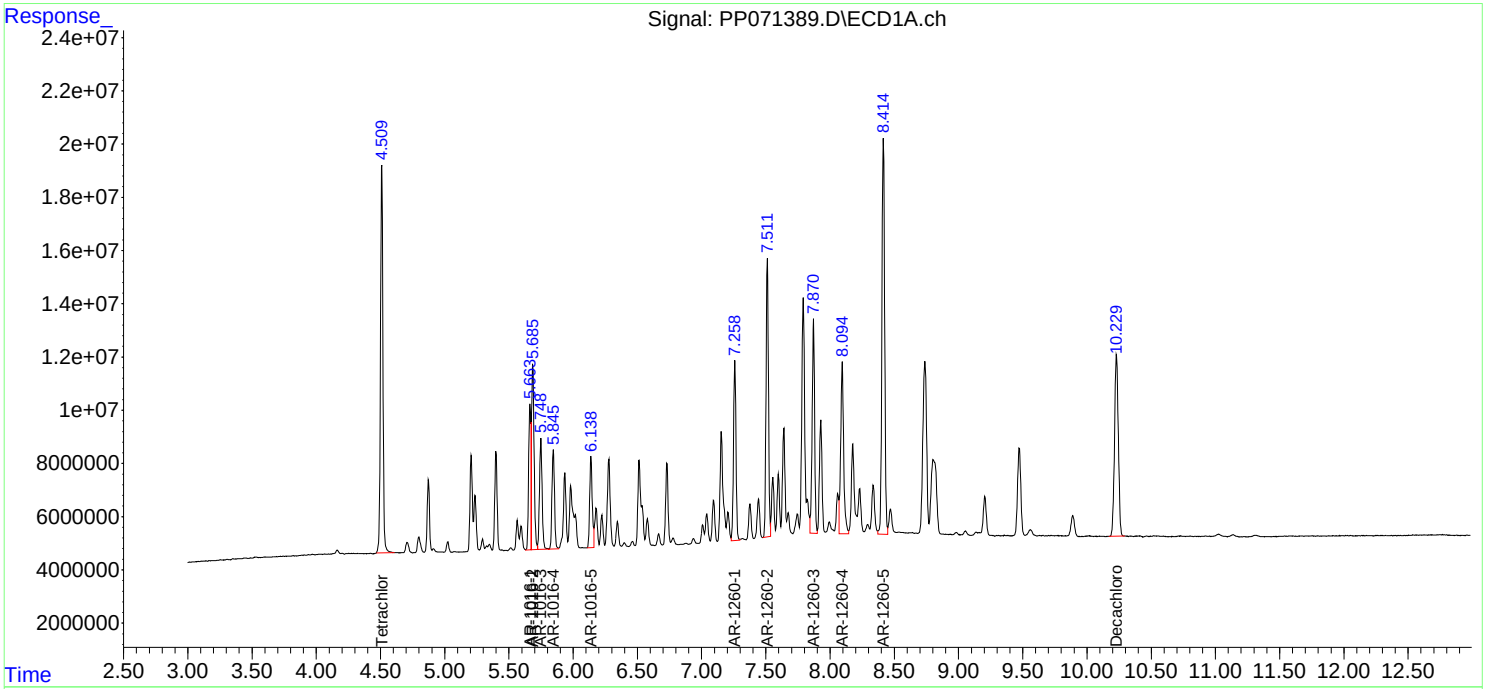
ICAL Form

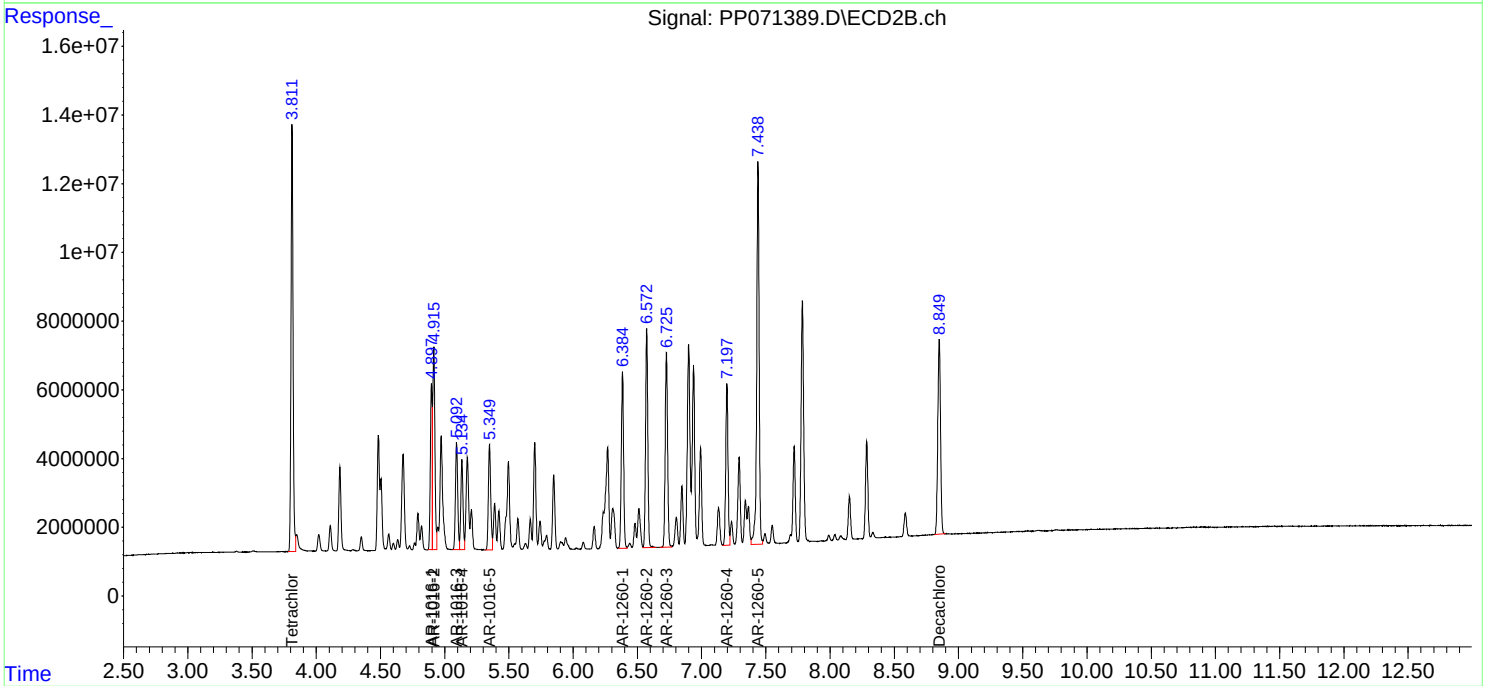
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:29
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

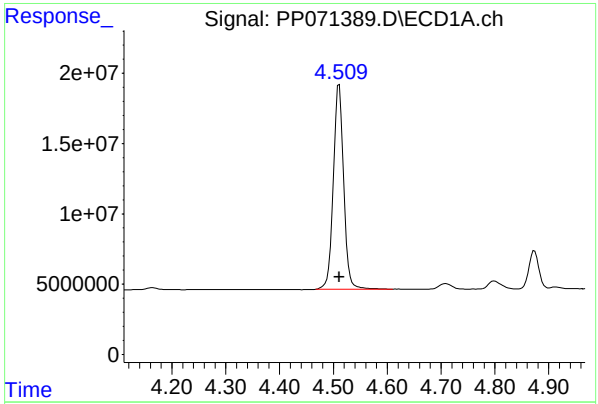
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:18:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



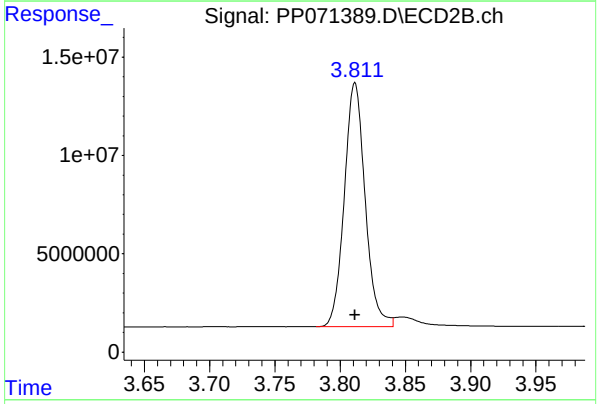




#1 Tetrachloro-m-xylene

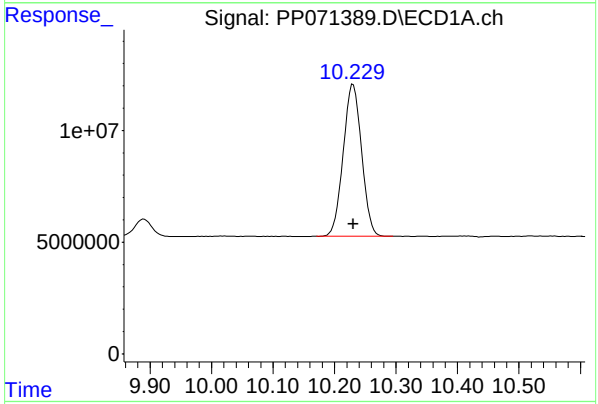
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 194718316
Conc: 97.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



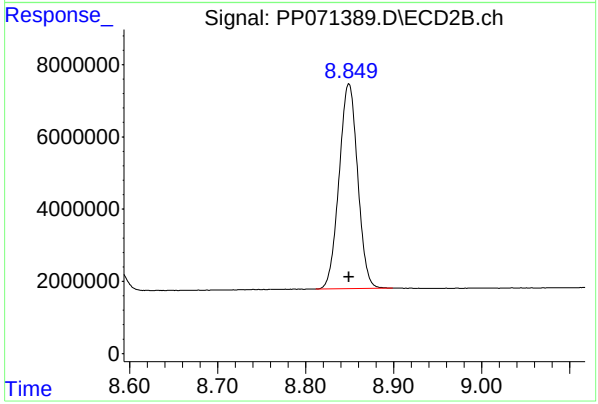
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 138043357
Conc: 98.76 ng/ml



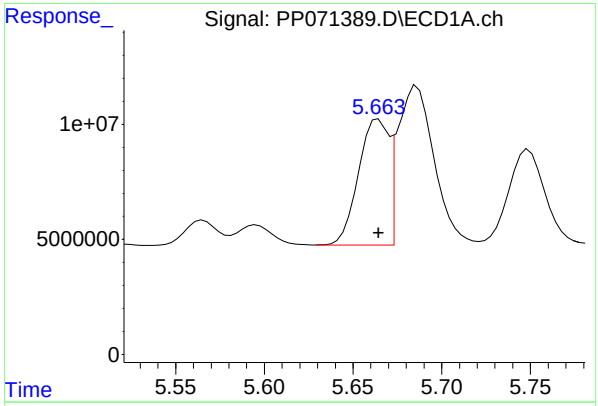
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 140981686
Conc: 96.15 ng/ml



#2 Decachlorobiphenyl

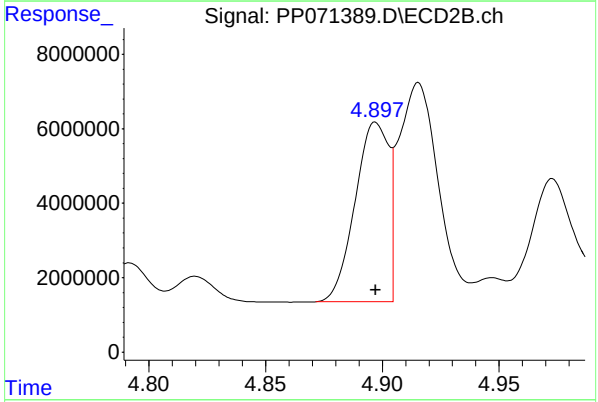
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 83114760
Conc: 95.89 ng/ml



#3 AR-1016-1

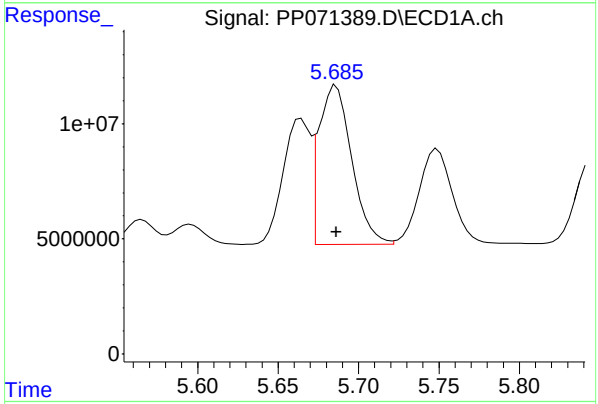
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 64709894
Conc: 960.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



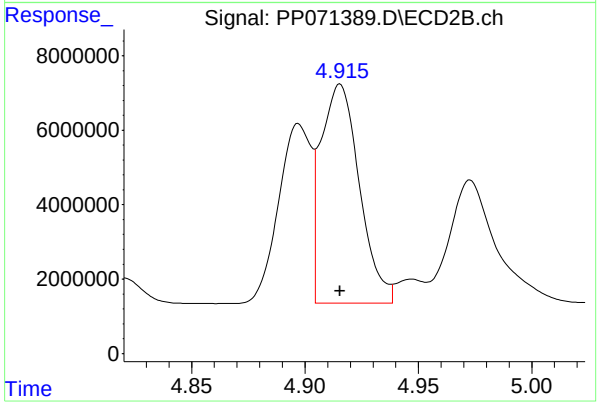
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 48121828
Conc: 944.23 ng/ml



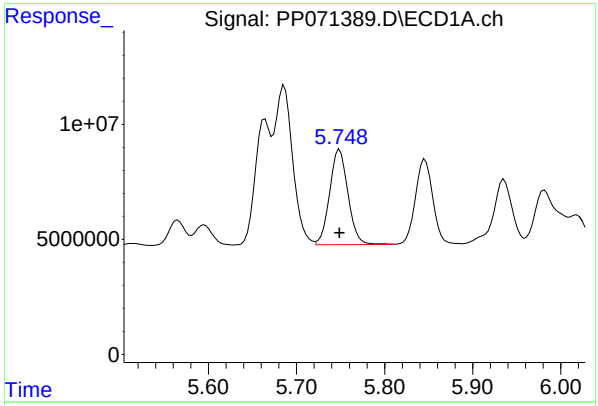
#4 AR-1016-2

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 98977911
Conc: 959.33 ng/ml



#4 AR-1016-2

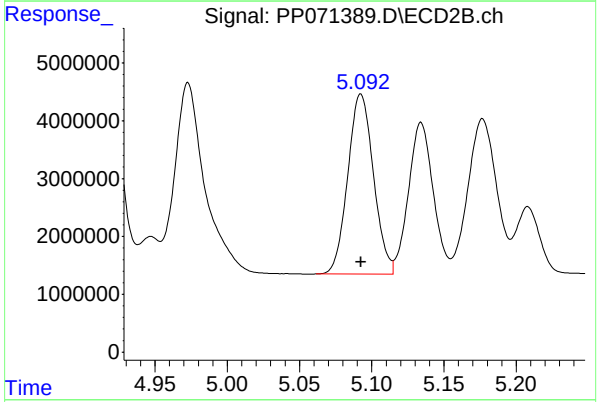
R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 69736709
Conc: 949.12 ng/ml



#5 AR-1016-3

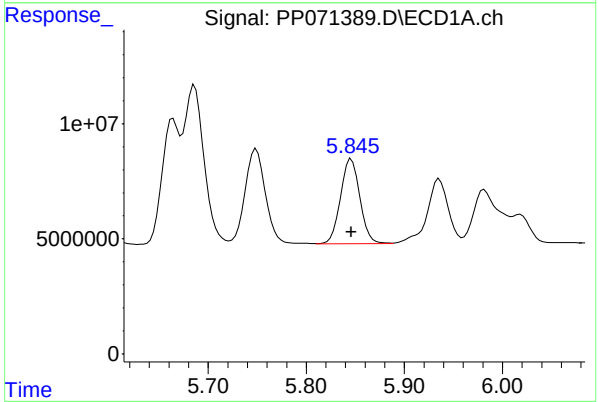
R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 59905708
Conc: 964.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



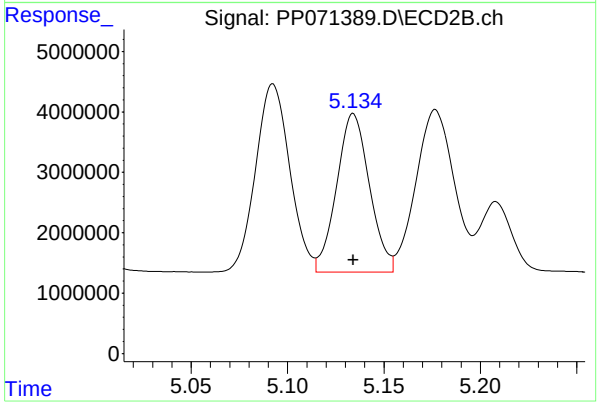
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 38517048
Conc: 935.46 ng/ml



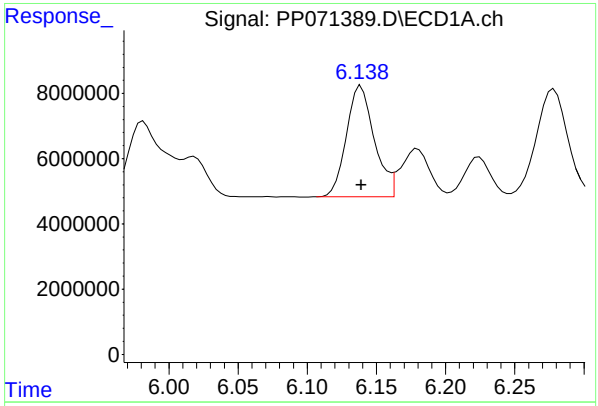
#6 AR-1016-4

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 50563747
Conc: 970.67 ng/ml



#6 AR-1016-4

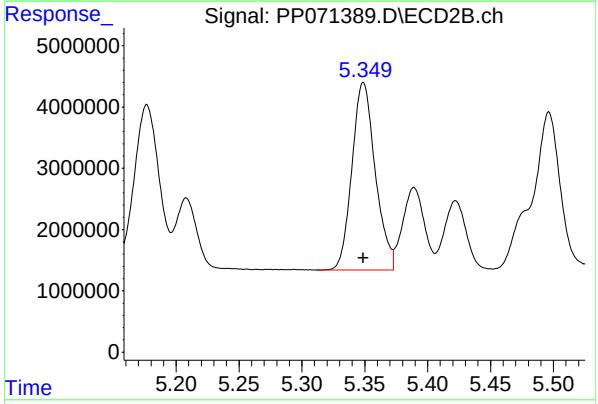
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 31206636
Conc: 926.98 ng/ml



#7 AR-1016-5

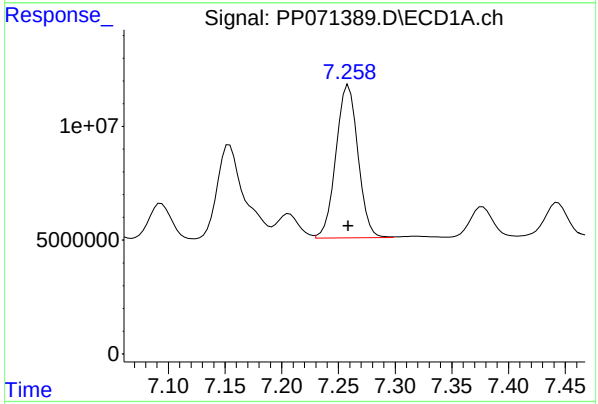
R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 47772963
Conc: 970.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



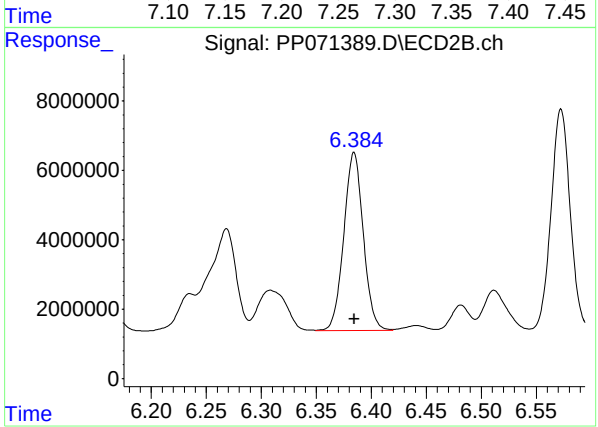
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 39458687
Conc: 925.07 ng/ml



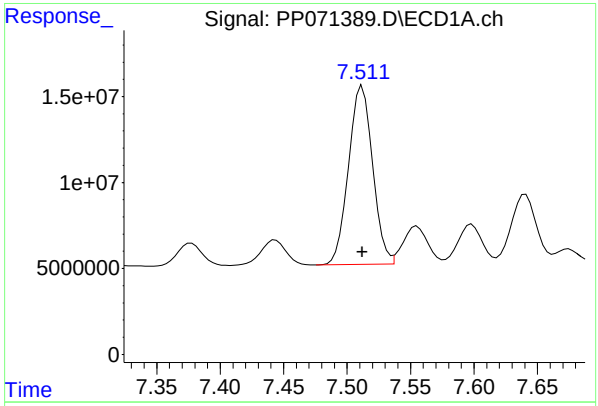
#31 AR-1260-1

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 90879847
Conc: 958.17 ng/ml



#31 AR-1260-1

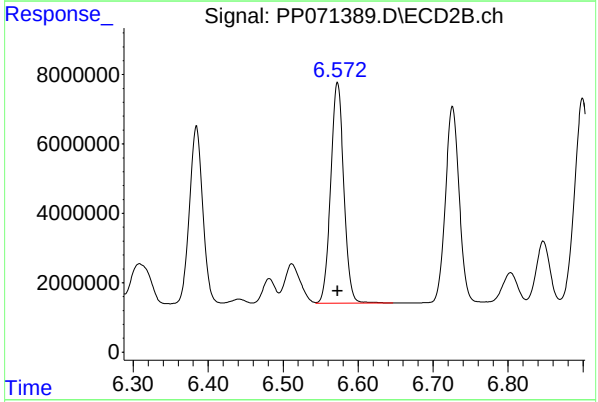
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 63219917
Conc: 923.27 ng/ml



#32 AR-1260-2

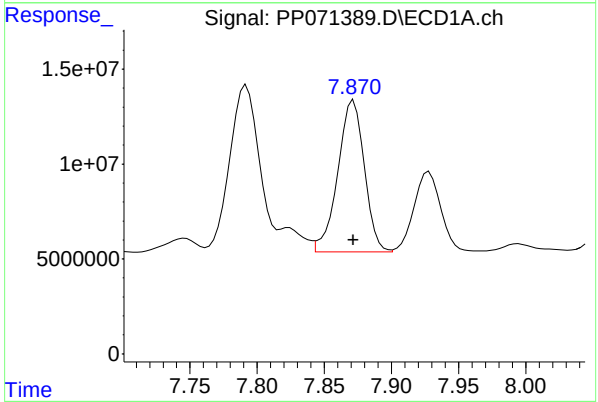
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 137163459
Conc: 963.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



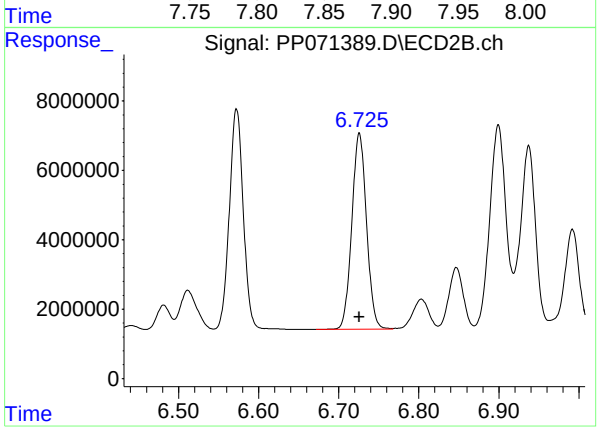
#32 AR-1260-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 77338708
Conc: 924.77 ng/ml



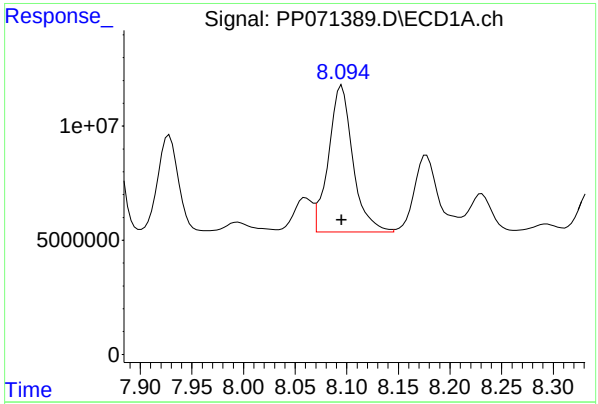
#33 AR-1260-3

R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 110350751
Conc: 967.76 ng/ml



#33 AR-1260-3

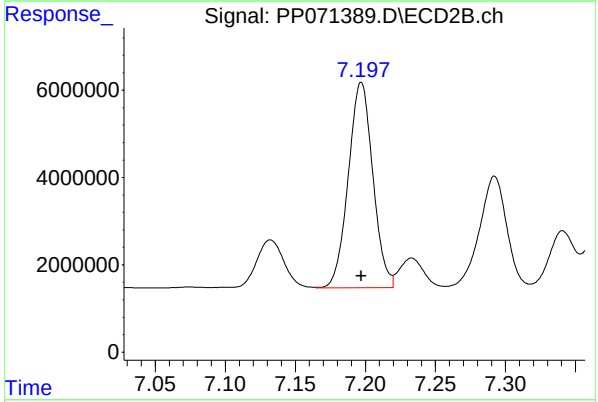
R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 72062678
Conc: 937.33 ng/ml



#34 AR-1260-4

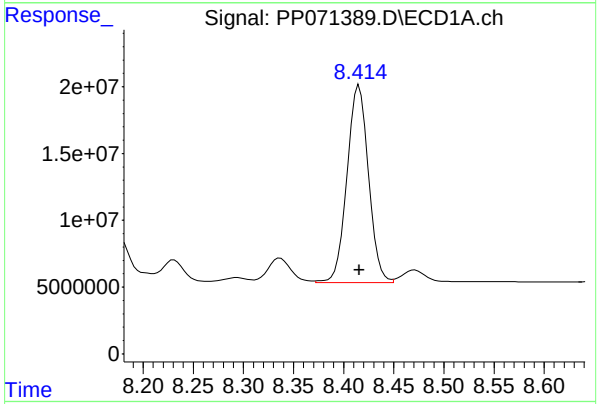
R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 105570732
Conc: 973.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



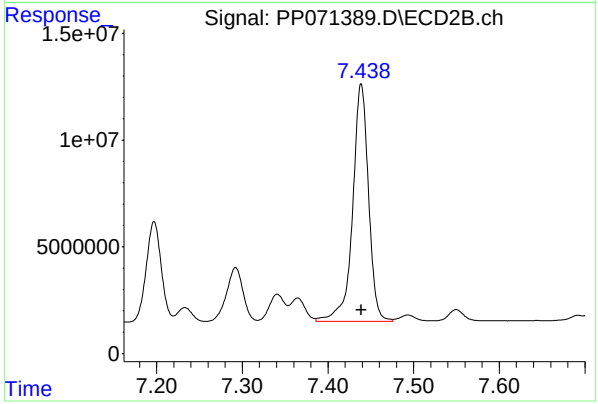
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 57333188
Conc: 934.79 ng/ml



#35 AR-1260-5

R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 220536830
Conc: 981.35 ng/ml



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 143809415
Conc: 959.84 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:45
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:20:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.811	150.4E6	103.4E6	74.955	74.302
2)	SA Decachlor...	10.233	8.848	110.0E6	65650348	75.027	75.495
	Target Compounds						
3)	L1 AR-1016-1	5.668	4.897	50739521	37060731	751.897	734.641
4)	L1 AR-1016-2	5.690	4.915	76773673	54072327	746.071	740.558
5)	L1 AR-1016-3	5.752	5.092	46595357	30341683	750.210	741.220
6)	L1 AR-1016-4	5.849	5.134	39314842	24611133	753.145	737.269
7)	L1 AR-1016-5	6.142	5.349	37008027	31489328	751.240	742.118
31)	L7 AR-1260-1	7.261	6.383	71143144	49592774	750.053	732.641
32)	L7 AR-1260-2	7.514	6.572	106.8E6	58161296	750.195	712.735
33)	L7 AR-1260-3	7.873	6.725	85834111	53208274	751.834	710.374
34)	L7 AR-1260-4	8.097	7.197	83085064	42584936	760.941	711.945
35)	L7 AR-1260-5	8.418	7.438	171.8E6	104.4E6	759.599	713.546

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

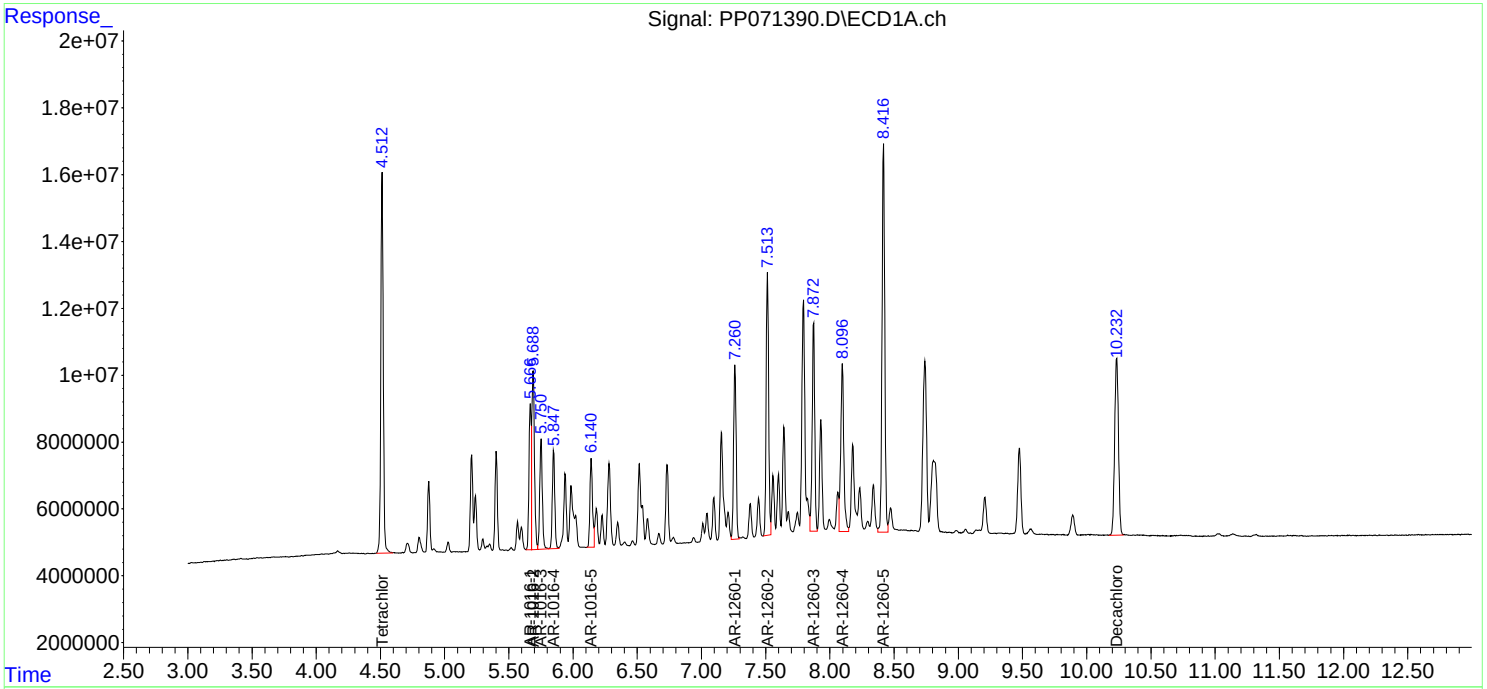
ICAL Form

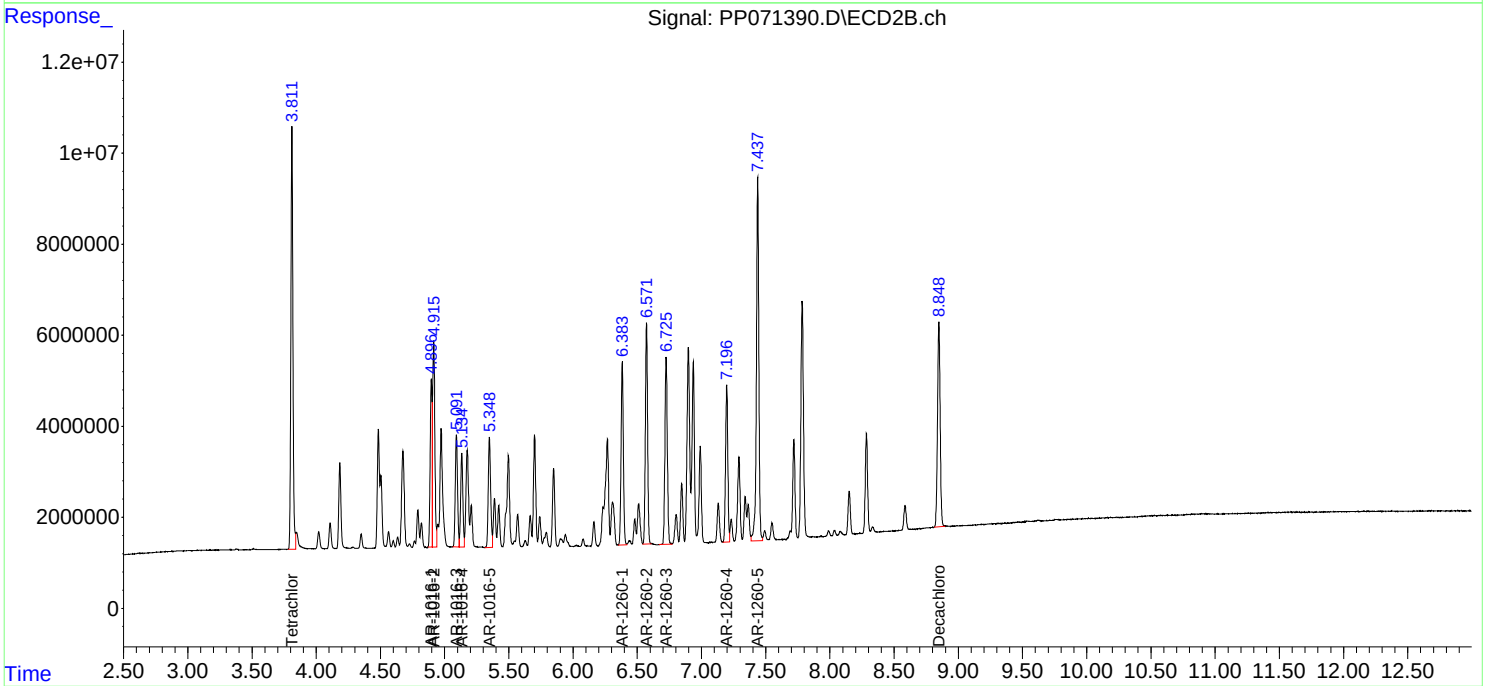
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:45
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

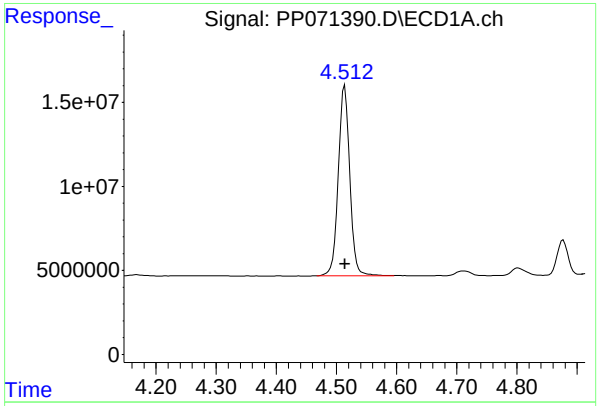
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:20:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



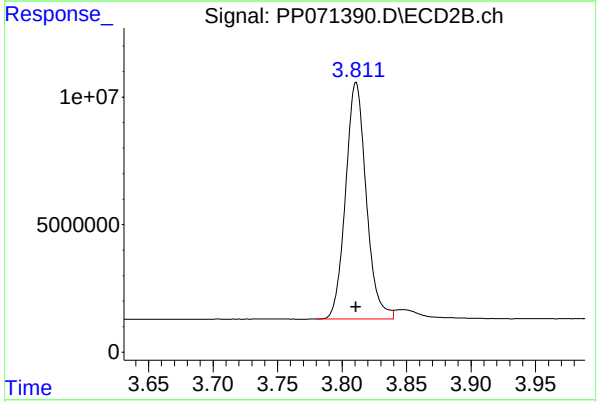




#1 Tetrachloro-m-xylene

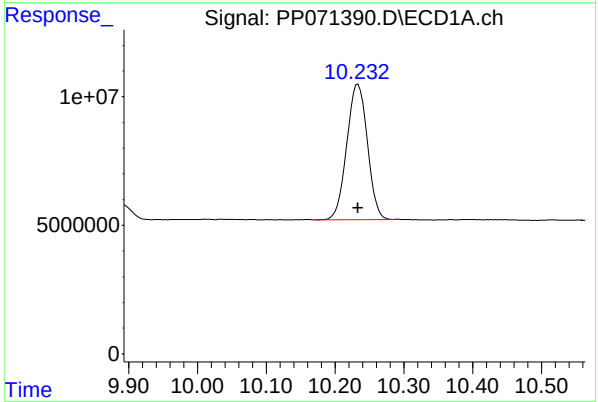
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 150380463
Conc: 74.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



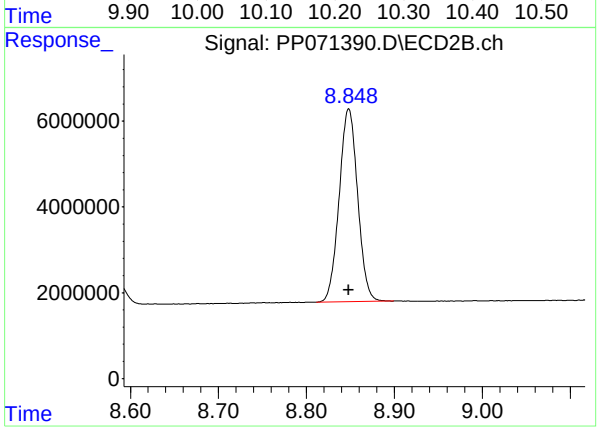
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 103375546
Conc: 74.30 ng/ml



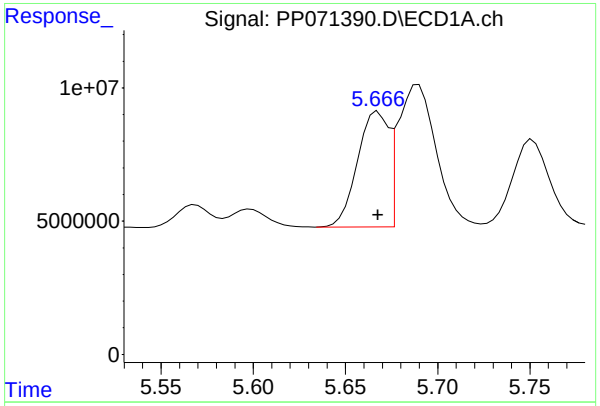
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 110025173
Conc: 75.03 ng/ml



#2 Decachlorobiphenyl

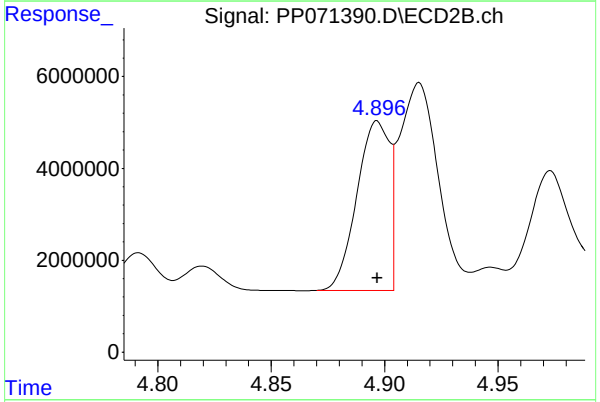
R.T.: 8.848 min
Delta R.T.: 0.000 min
Response: 65650348
Conc: 75.49 ng/ml



#3 AR-1016-1

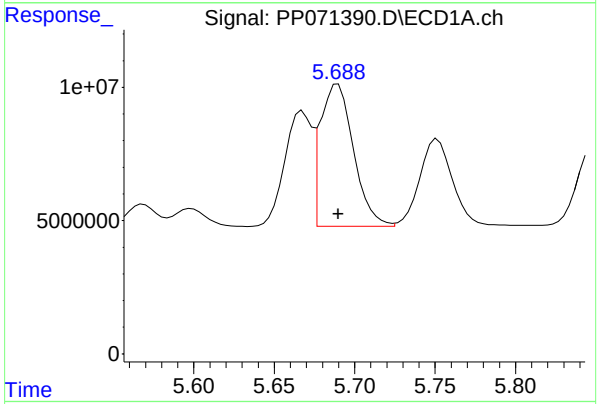
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 50739521
Conc: 751.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



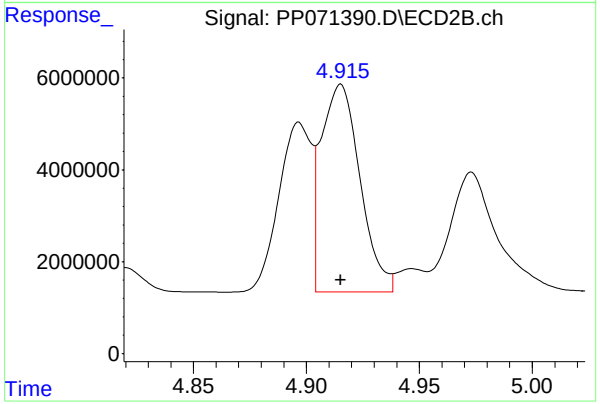
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 37060731
Conc: 734.64 ng/ml



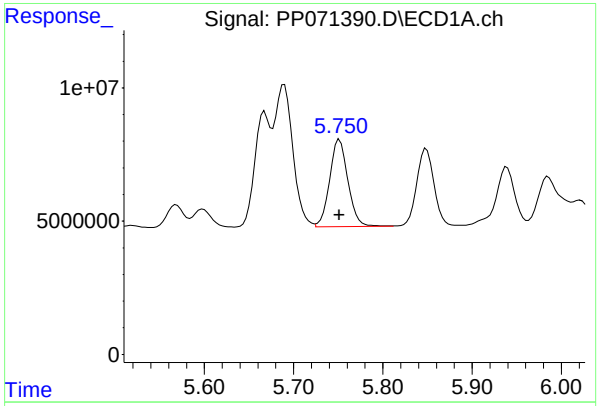
#4 AR-1016-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 76773673
Conc: 746.07 ng/ml



#4 AR-1016-2

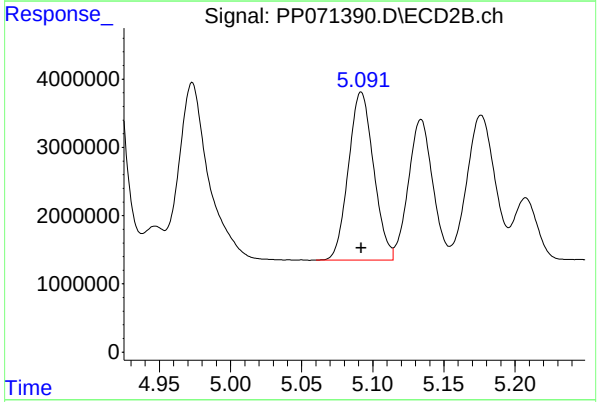
R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 54072327
Conc: 740.56 ng/ml



#5 AR-1016-3

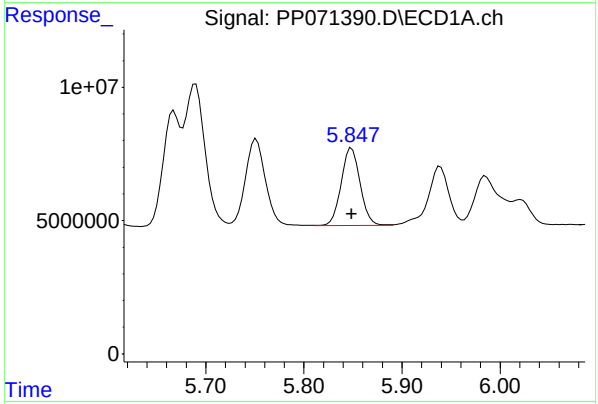
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 46595357
Conc: 750.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



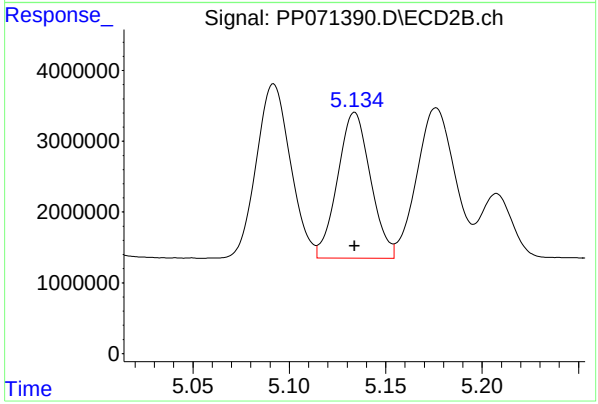
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 30341683
Conc: 741.22 ng/ml



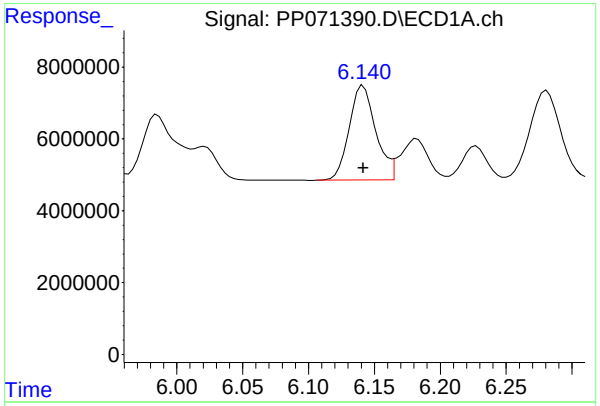
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 39314842
Conc: 753.15 ng/ml



#6 AR-1016-4

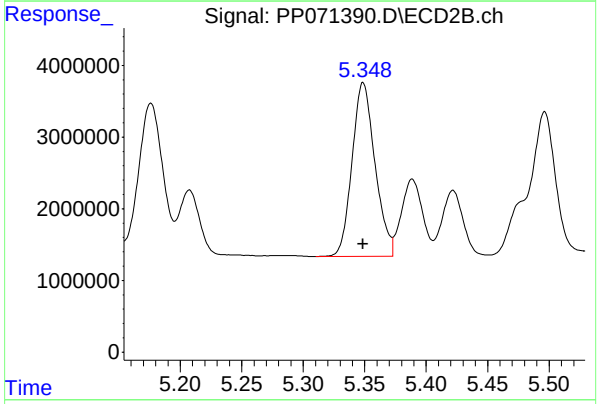
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 24611133
Conc: 737.27 ng/ml



#7 AR-1016-5

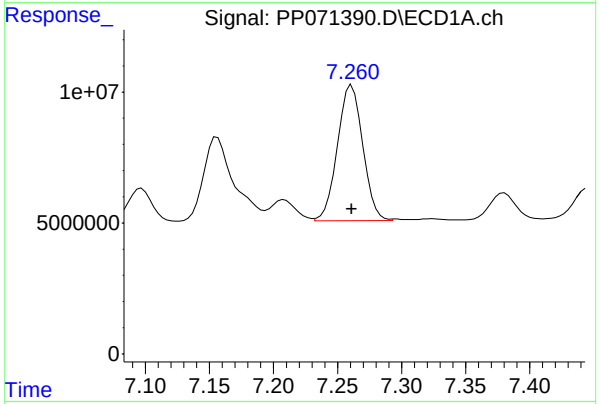
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 37008027
Conc: 751.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



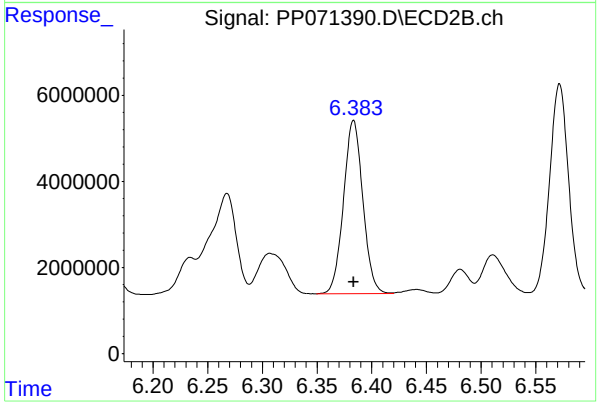
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 31489328
Conc: 742.12 ng/ml



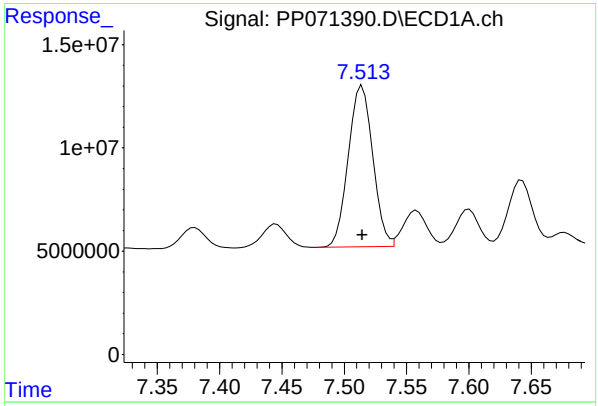
#31 AR-1260-1

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 71143144
Conc: 750.05 ng/ml



#31 AR-1260-1

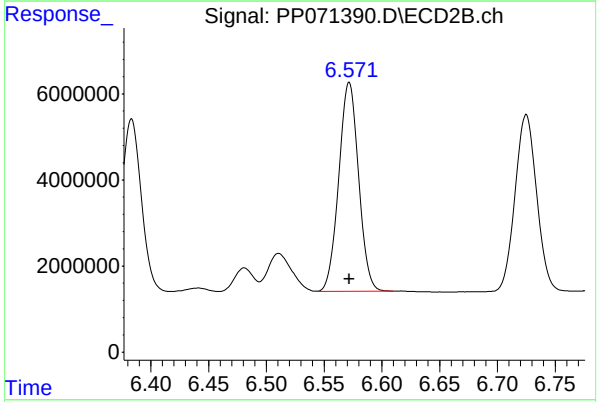
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 49592774
Conc: 732.64 ng/ml



#32 AR-1260-2

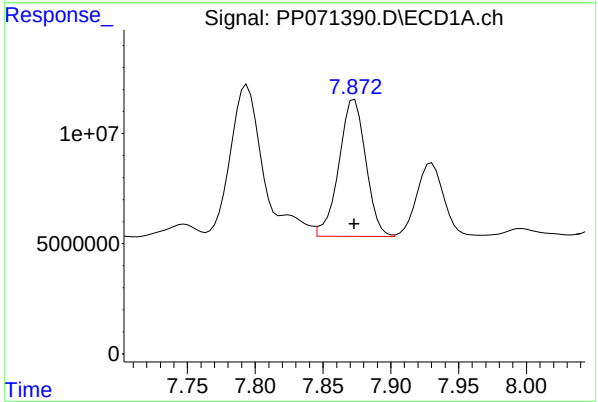
R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 106789808
Conc: 750.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



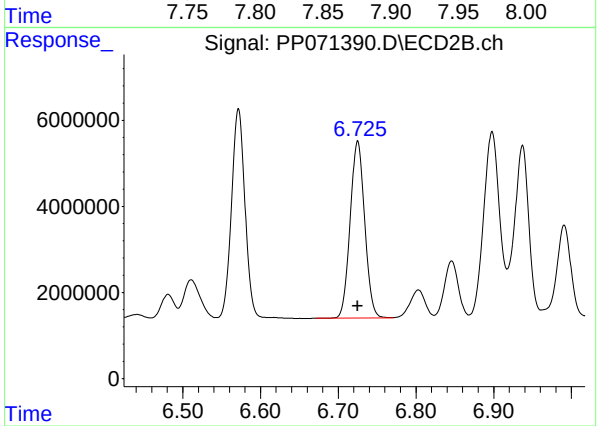
#32 AR-1260-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 58161296
Conc: 712.74 ng/ml



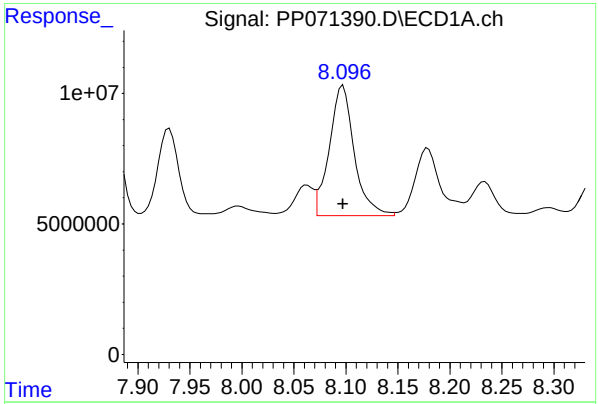
#33 AR-1260-3

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 85834111
Conc: 751.83 ng/ml



#33 AR-1260-3

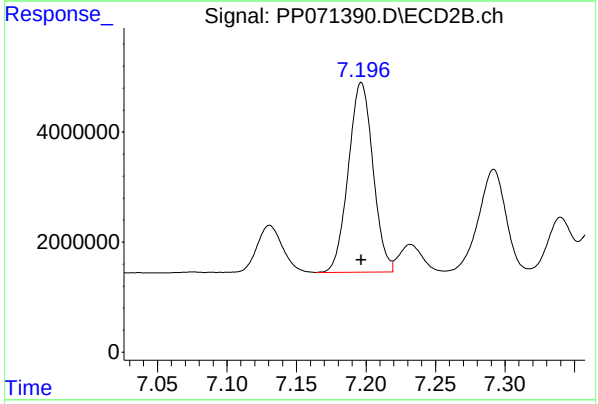
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 53208274
Conc: 710.37 ng/ml



#34 AR-1260-4

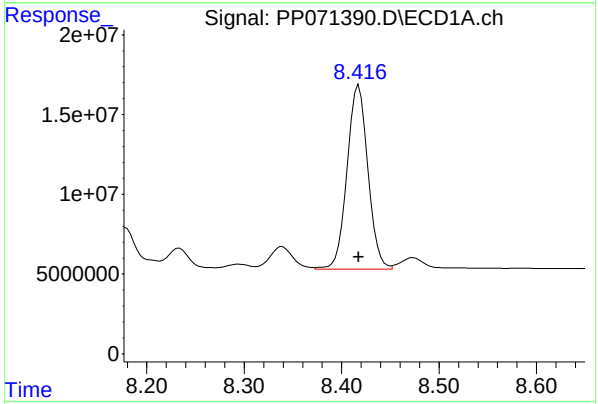
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 83085064
Conc: 760.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



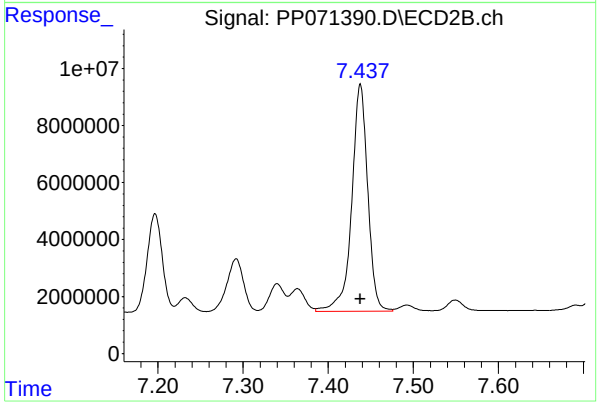
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 42584936
Conc: 711.94 ng/ml



#35 AR-1260-5

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 171802672
Conc: 759.60 ng/ml



#35 AR-1260-5

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 104371182
Conc: 713.55 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:02
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:15:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.517	3.812	103.3E6	70755601	50.000	50.000
2) SA	Decachlor...	10.237	8.849	76129158	45115981	50.000	50.000
	Target Compounds						
3) L1	AR-1016-1	5.671	4.898	35041766	26903064	500.000	500.000
4) L1	AR-1016-2	5.693	4.916	53684537	38606872	500.000	500.000
5) L1	AR-1016-3	5.754	5.093	32148154	21915868	500.000	500.000
6) L1	AR-1016-4	5.852	5.136	26809538	18061510	500.000	500.000
7) L1	AR-1016-5	6.145	5.350	25335334	22925304	500.000	500.000
31) L7	AR-1260-1	7.265	6.385	49407493	36863833	500.000	500.000
32) L7	AR-1260-2	7.518	6.573	73749186	44960859	500.000	500.000
33) L7	AR-1260-3	7.877	6.727	58851402	40849117	500.000	500.000
34) L7	AR-1260-4	8.102	7.198	55605534	32665875	500.000	500.000
35) L7	AR-1260-5	8.422	7.439	114.5E6	77921339	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

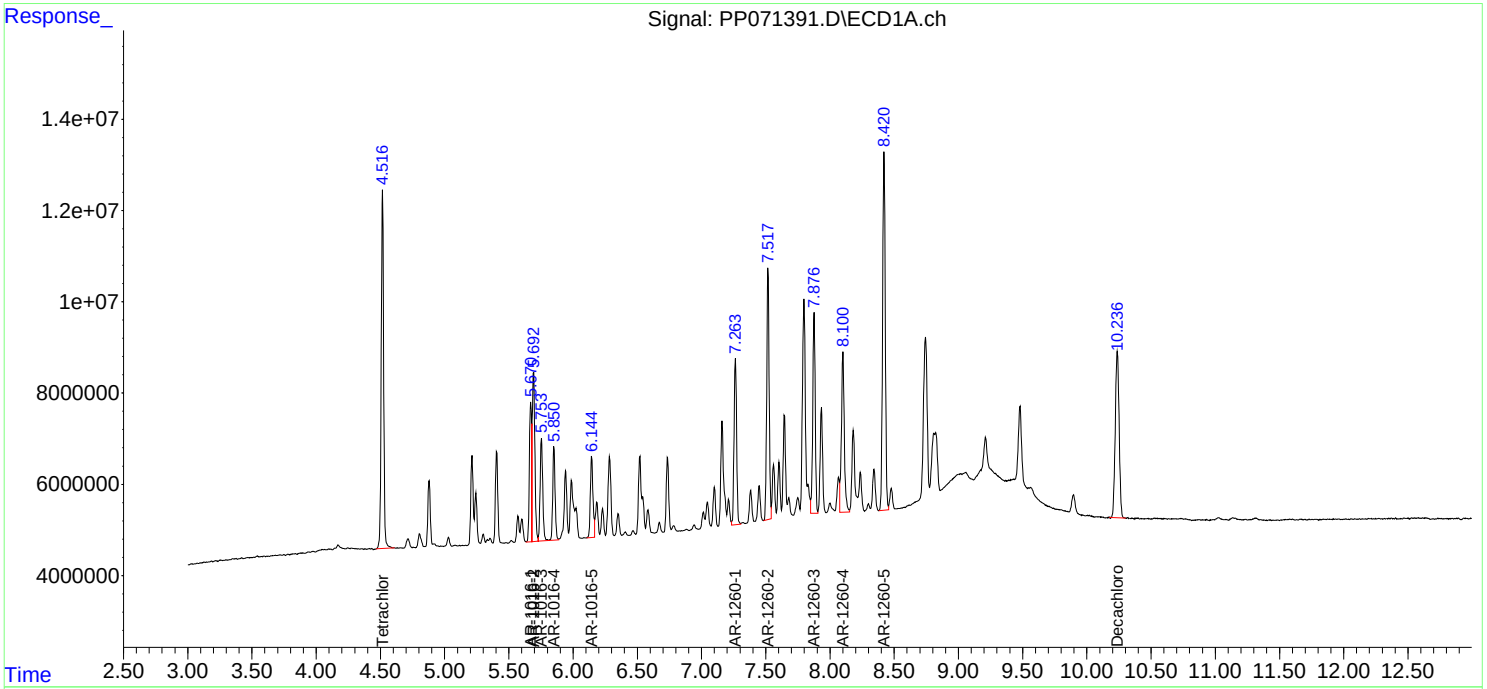
ICAL Form

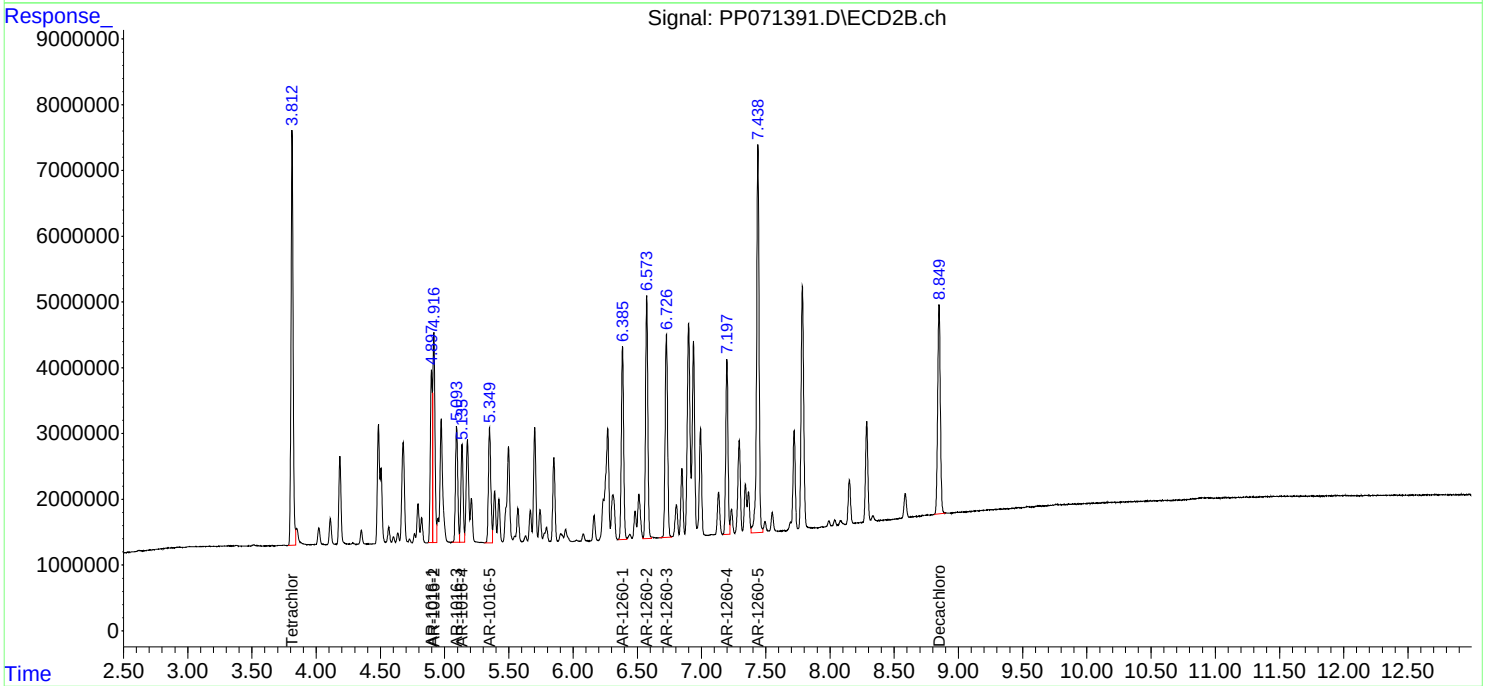
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:02
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

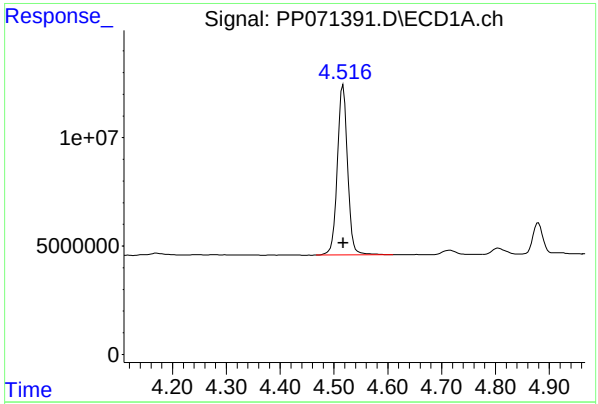
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:15:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



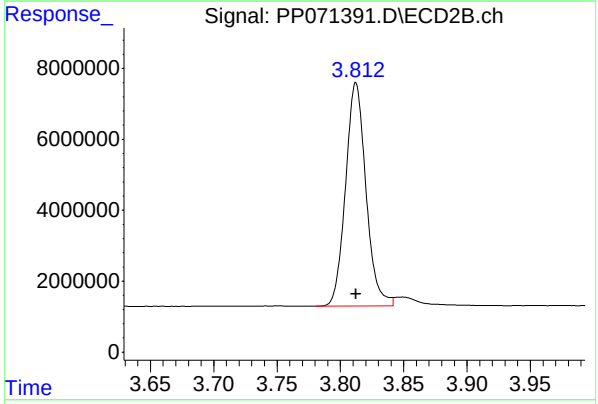




#1 Tetrachloro-m-xylene

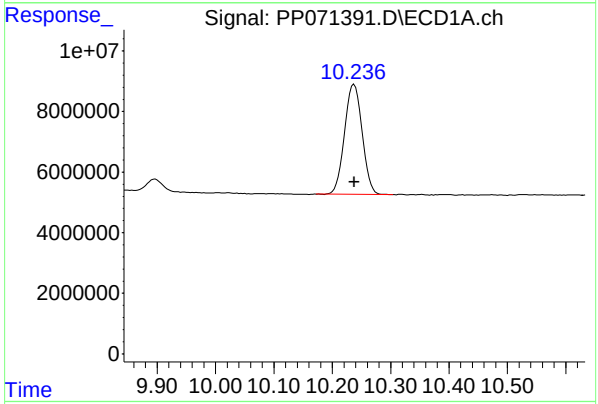
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 103330184
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



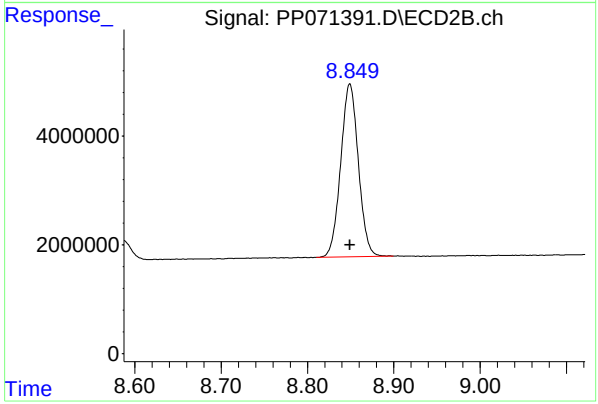
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 70755601
Conc: 50.00 ng/ml



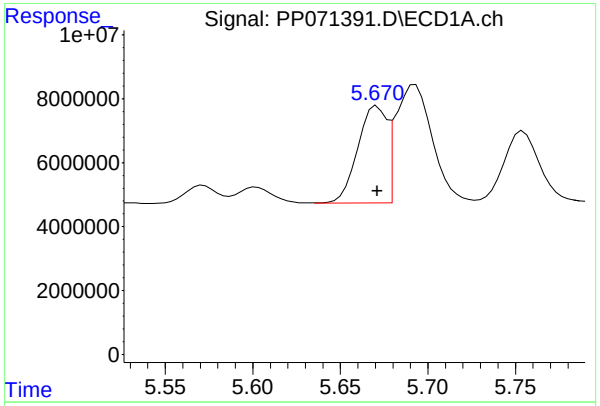
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 76129158
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

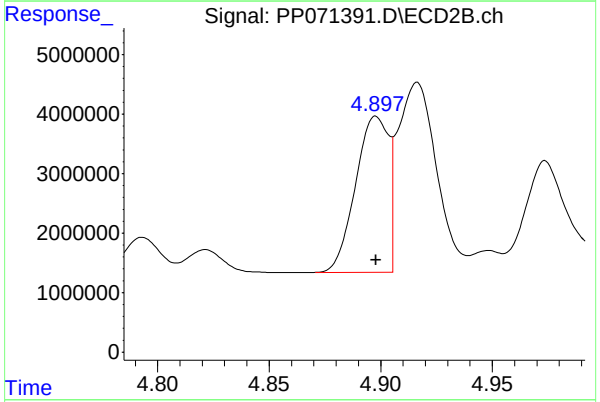
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 45115981
Conc: 50.00 ng/ml



#3 AR-1016-1

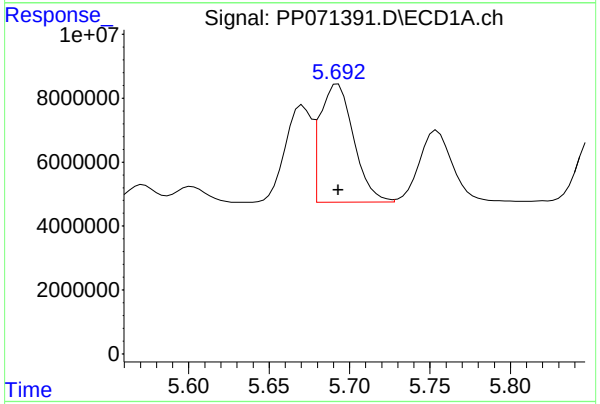
R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 35041766
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



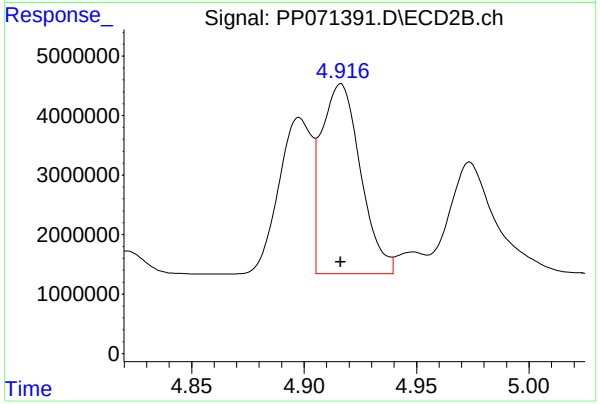
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 26903064
Conc: 500.00 ng/ml



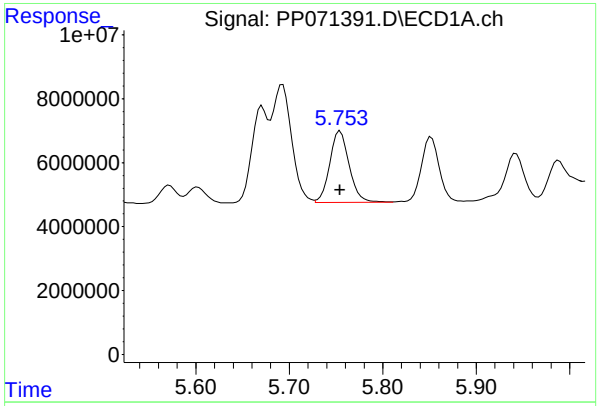
#4 AR-1016-2

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 53684537
Conc: 500.00 ng/ml



#4 AR-1016-2

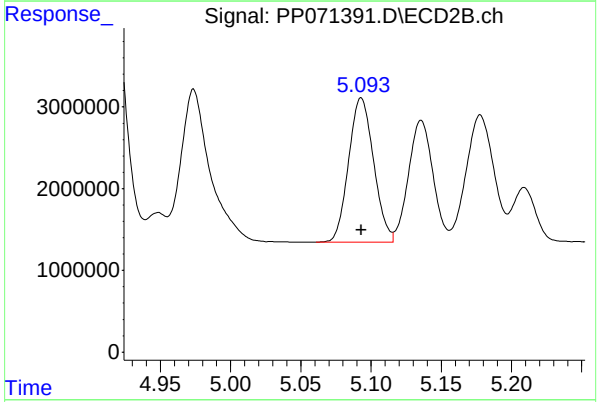
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 38606872
Conc: 500.00 ng/ml



#5 AR-1016-3

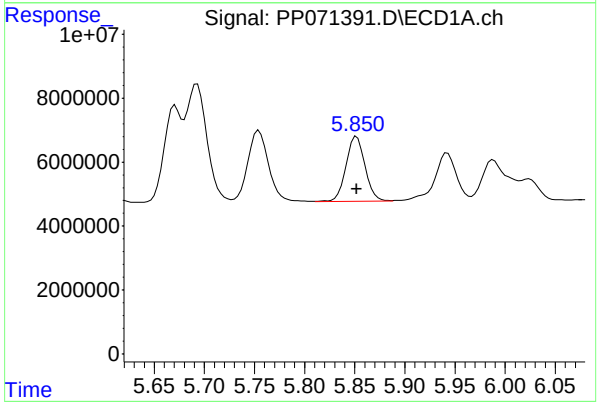
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 32148154
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



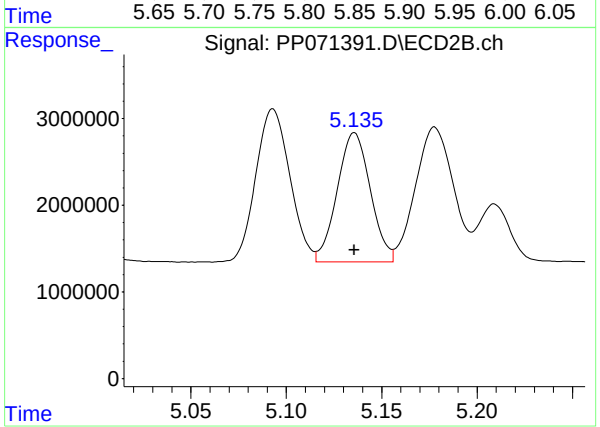
#5 AR-1016-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 21915868
Conc: 500.00 ng/ml



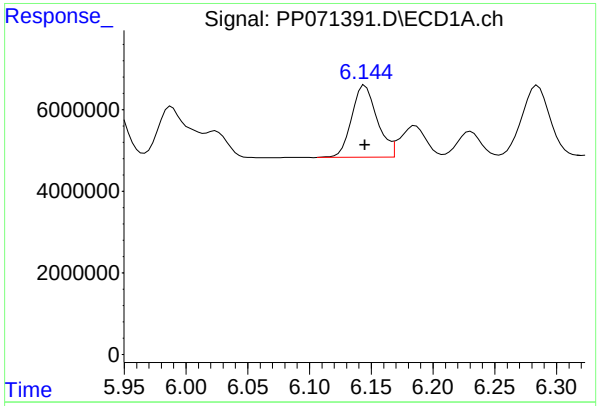
#6 AR-1016-4

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 26809538
Conc: 500.00 ng/ml



#6 AR-1016-4

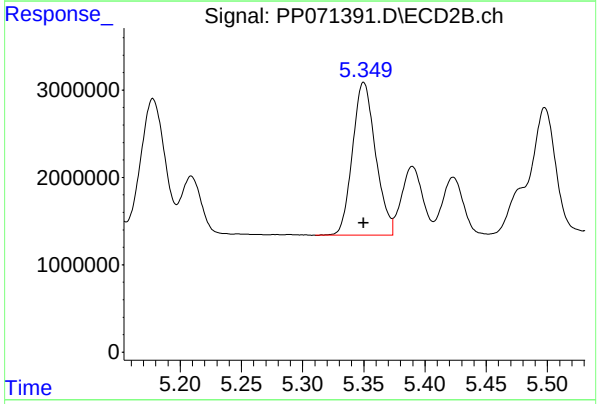
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 18061510
Conc: 500.00 ng/ml



#7 AR-1016-5

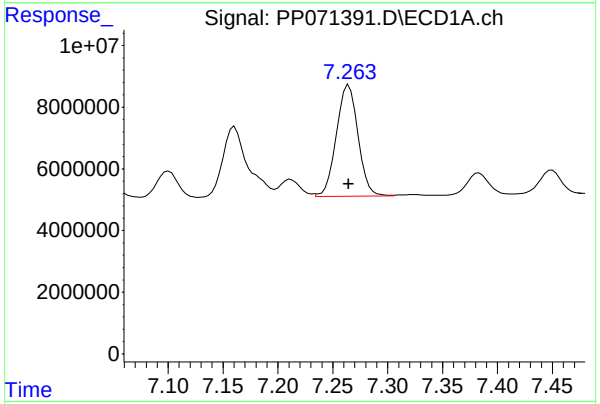
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 25335334
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



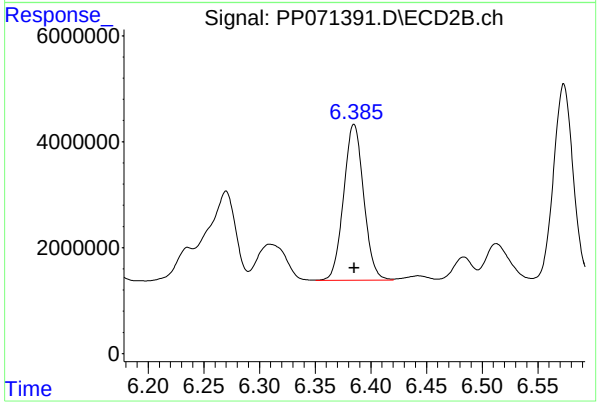
#7 AR-1016-5

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 22925304
Conc: 500.00 ng/ml



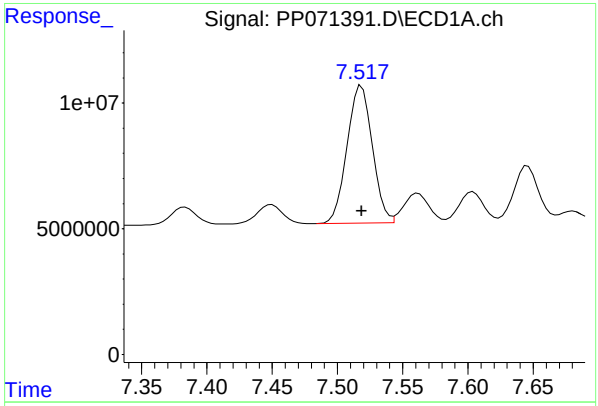
#31 AR-1260-1

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 49407493
Conc: 500.00 ng/ml



#31 AR-1260-1

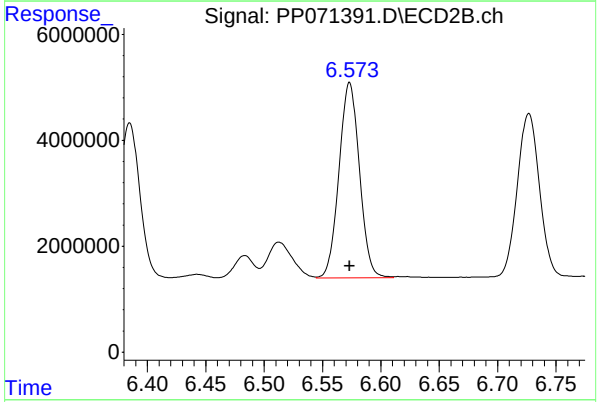
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 36863833
Conc: 500.00 ng/ml



#32 AR-1260-2

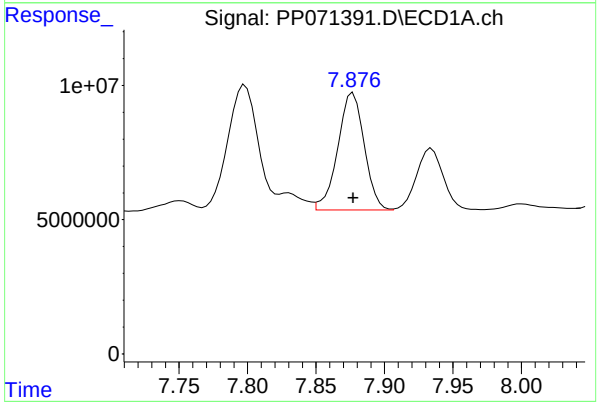
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 73749186
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



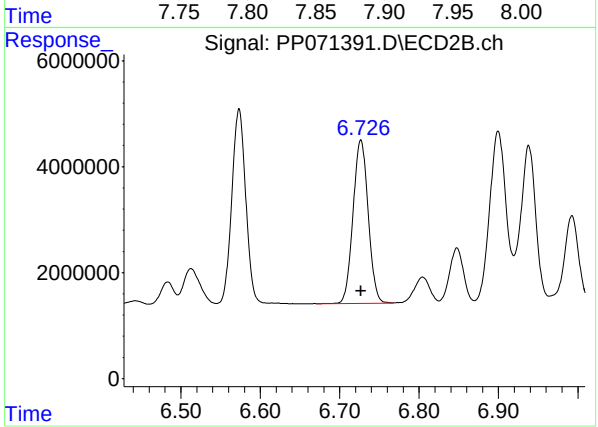
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 44960859
Conc: 500.00 ng/ml



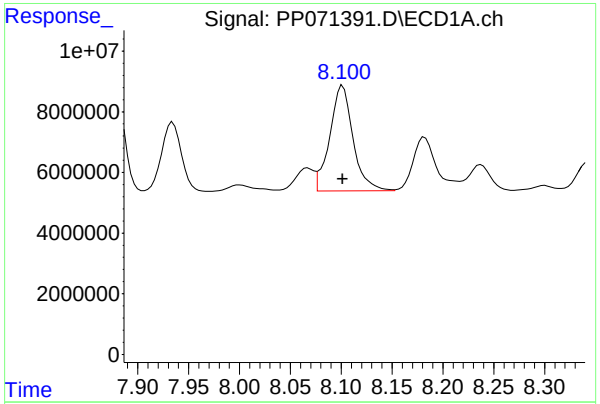
#33 AR-1260-3

R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 58851402
Conc: 500.00 ng/ml



#33 AR-1260-3

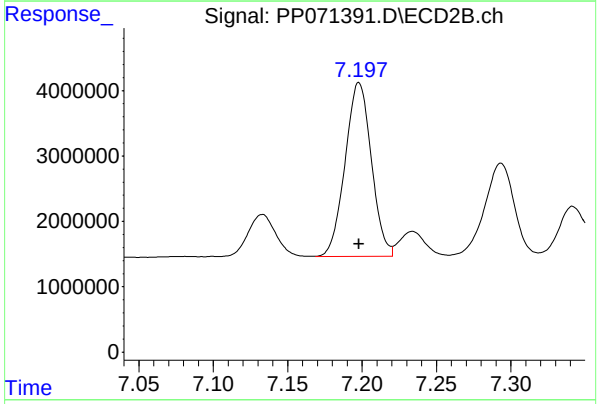
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 40849117
Conc: 500.00 ng/ml



#34 AR-1260-4

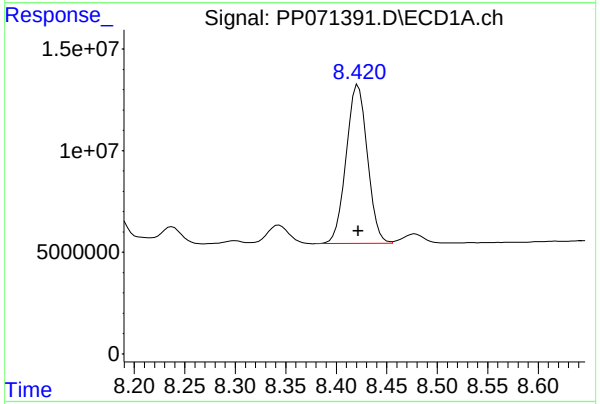
R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 55605534
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



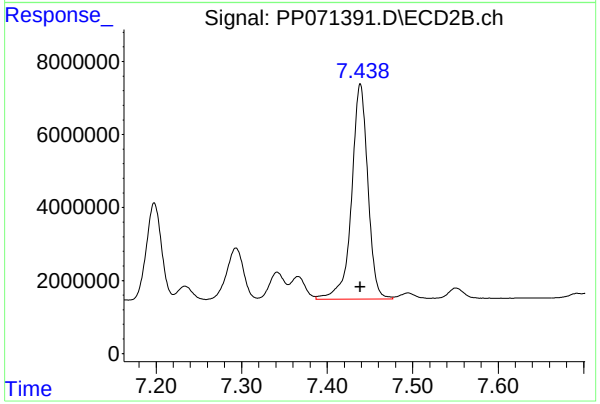
#34 AR-1260-4

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 32665875
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 114459839
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 77921339
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:18
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:30:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:29:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.514	3.813	52508817	36208541	25.869	25.761
2) SA	Decachlor...	10.233	8.850	38498712	23374964	25.928	26.384
	Target Compounds						
3) L1	AR-1016-1	5.668	4.899	17782164	14045149	259.997	270.720
4) L1	AR-1016-2	5.689	4.917	27203473	19630231	260.616	263.876
5) L1	AR-1016-3	5.752	5.094	16462482	11270654	261.124	268.530
6) L1	AR-1016-4	5.849	5.136	13735357	9273773	259.716	270.294
7) L1	AR-1016-5	6.142	5.351	12722141	11586437	256.138	266.906
31) L7	AR-1260-1	7.261	6.386	24914936	19087592	259.387	273.244
32) L7	AR-1260-2	7.515	6.574	37471925	22873239	259.800	272.056
33) L7	AR-1260-3	7.873	6.727	31628881	19836001	269.748	260.958
34) L7	AR-1260-4	8.098	7.199	32815153	17020763	286.081	275.052
35) L7	AR-1260-5	8.417	7.441	63777045	39378070	273.242	264.138

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

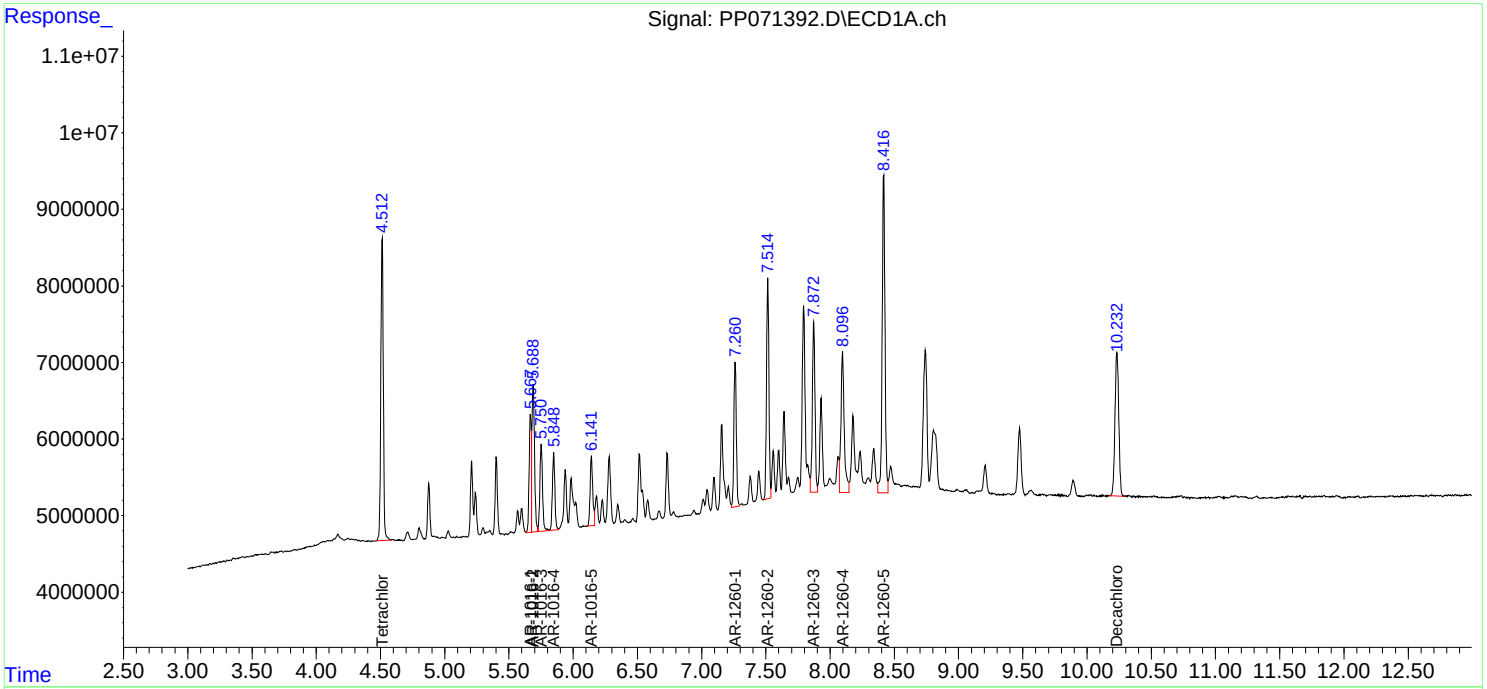
ICAL Form

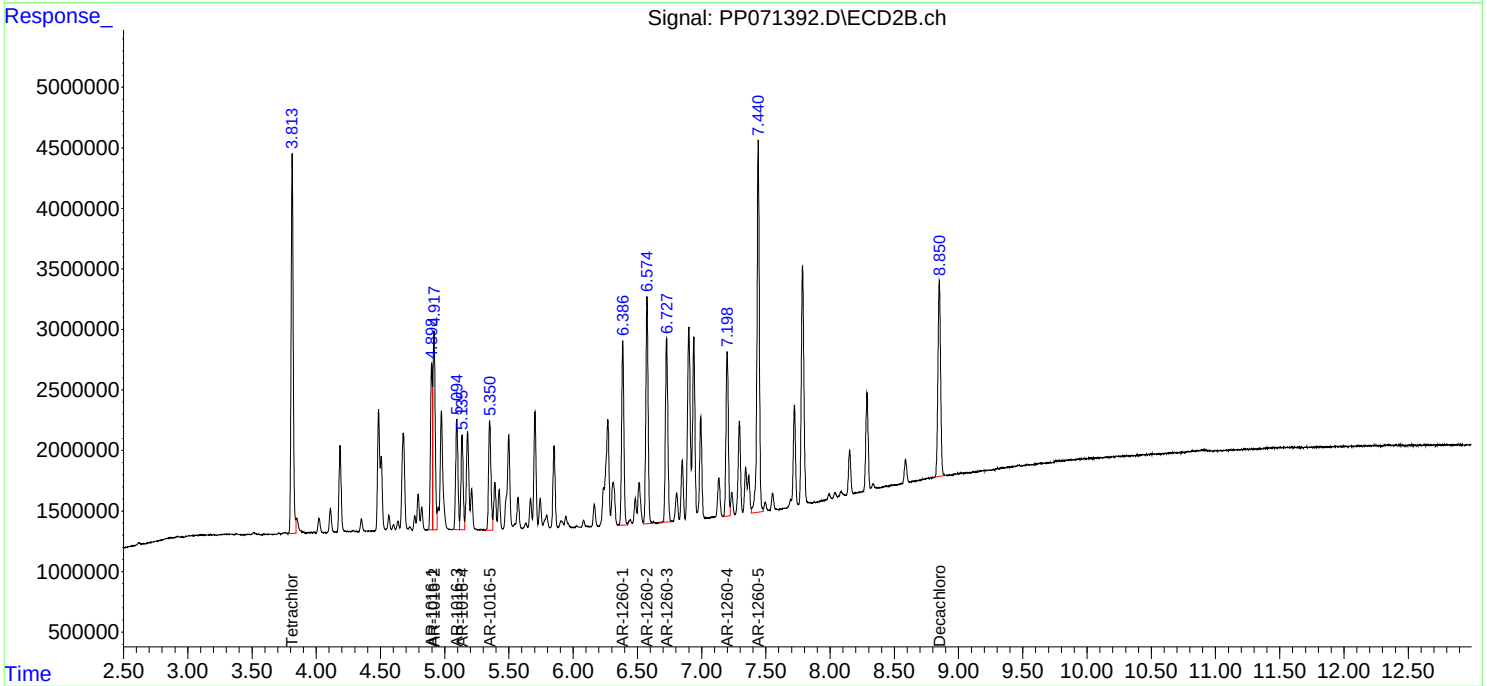
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:18
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

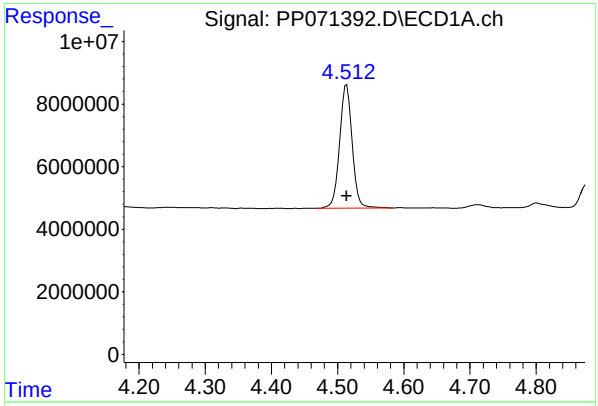
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:30:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:29:52 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



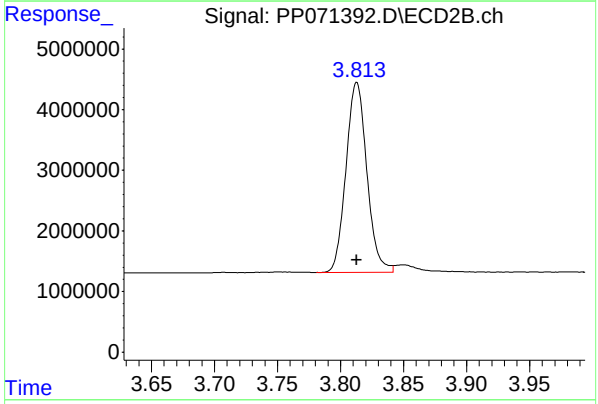




#1 Tetrachloro-m-xylene

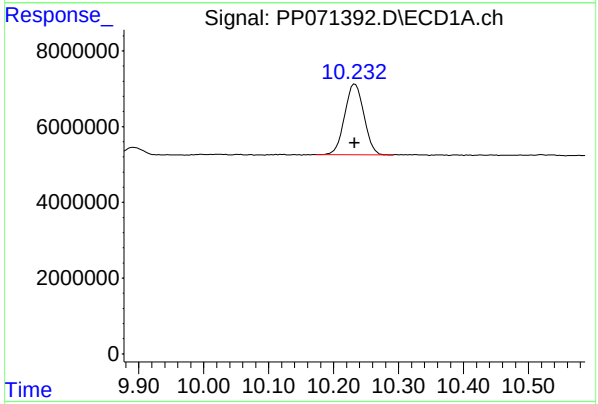
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 52508817
Conc: 25.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



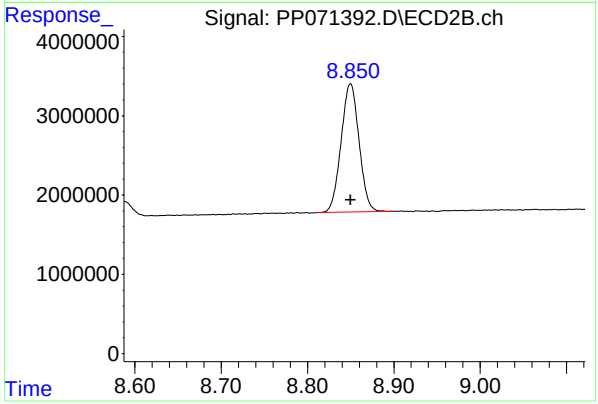
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 36208541
Conc: 25.76 ng/ml



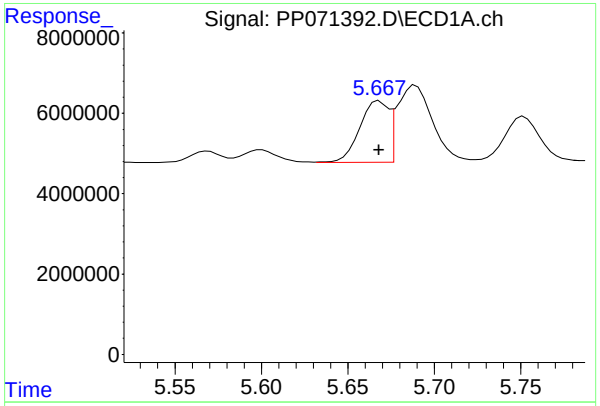
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 38498712
Conc: 25.93 ng/ml



#2 Decachlorobiphenyl

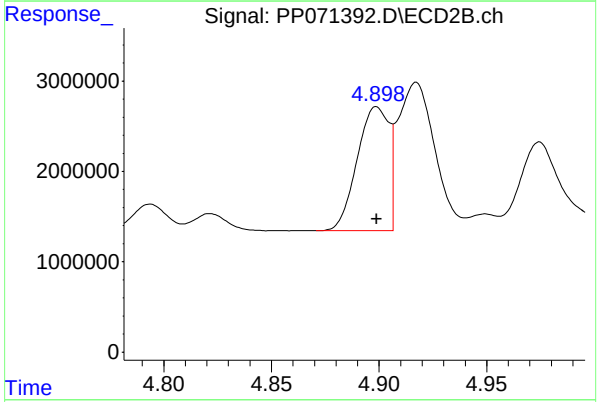
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 23374964
Conc: 26.38 ng/ml



#3 AR-1016-1

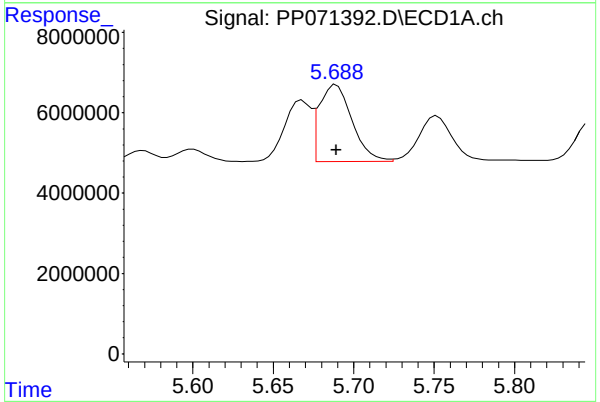
R.T.: 5.668 min
Delta R.T.: 0.000 mi
Response: 17782164
Conc: 260.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



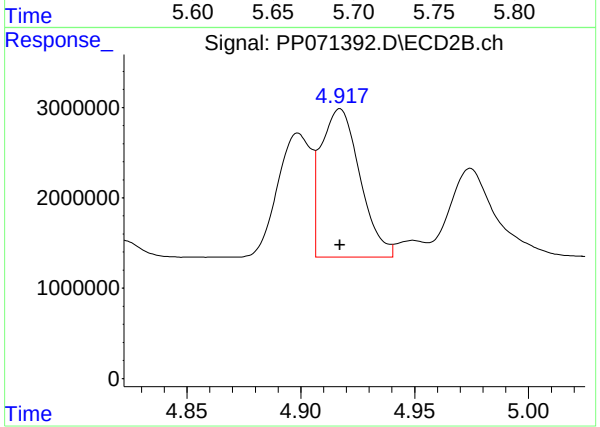
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 14045149
Conc: 270.72 ng/ml



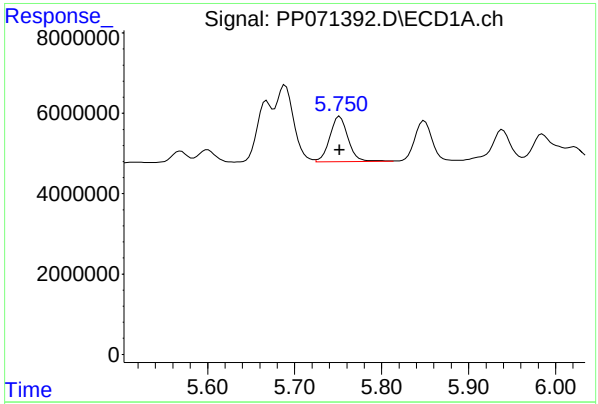
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 27203473
Conc: 260.62 ng/ml



#4 AR-1016-2

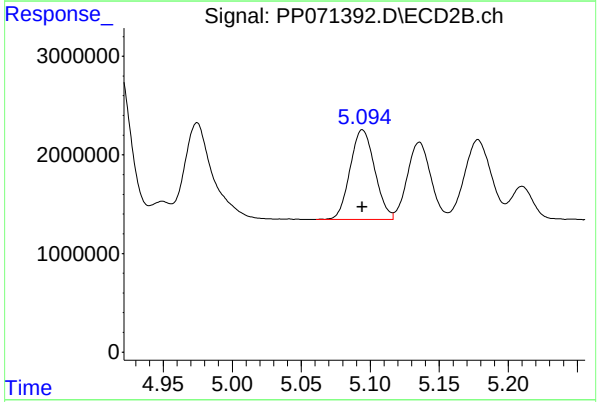
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 19630231
Conc: 263.88 ng/ml



#5 AR-1016-3

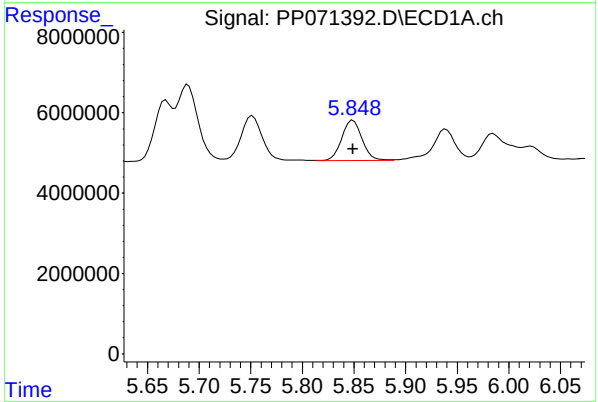
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 16462482
Conc: 261.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



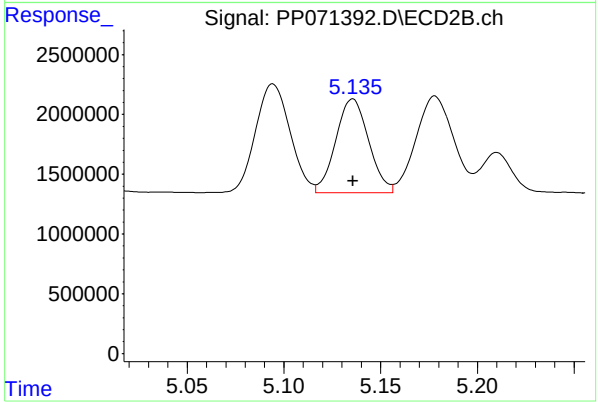
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 11270654
Conc: 268.53 ng/ml



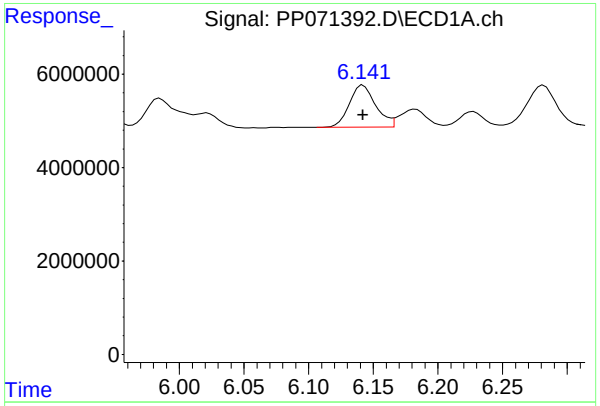
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 13735357
Conc: 259.72 ng/ml



#6 AR-1016-4

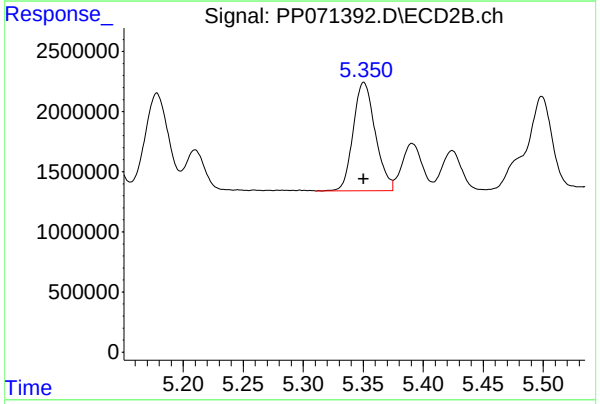
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 9273773
Conc: 270.29 ng/ml



#7 AR-1016-5

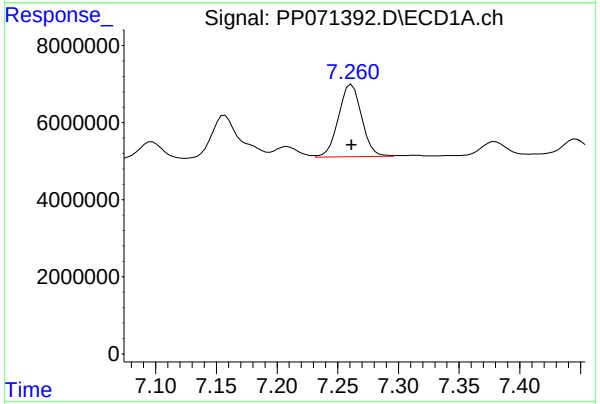
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 12722141
Conc: 256.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



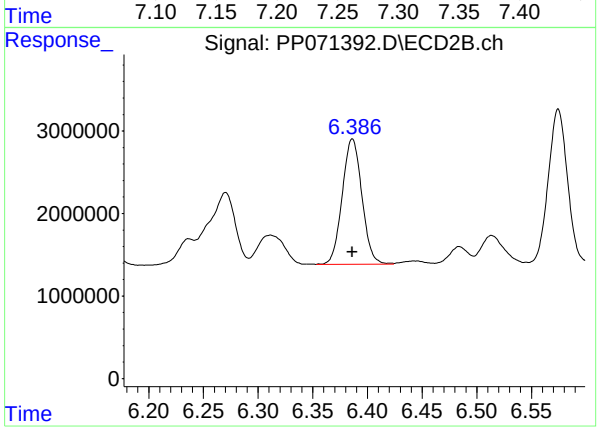
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 11586437
Conc: 266.91 ng/ml



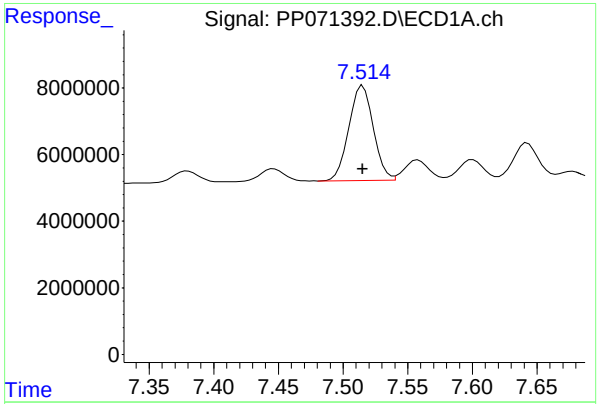
#31 AR-1260-1

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 24914936
Conc: 259.39 ng/ml



#31 AR-1260-1

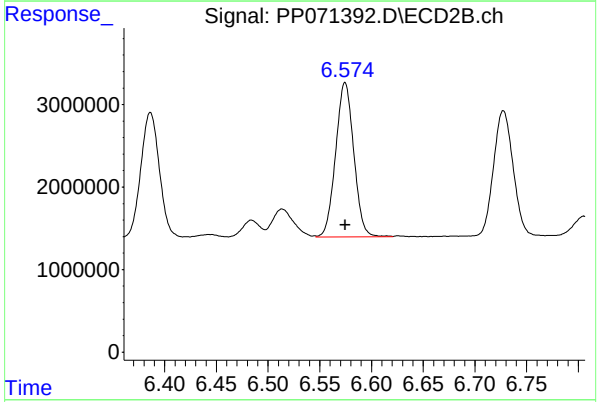
R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 19087592
Conc: 273.24 ng/ml



#32 AR-1260-2

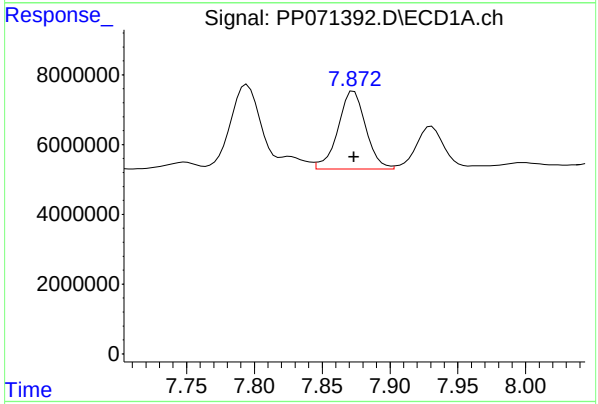
R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 37471925
Conc: 259.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



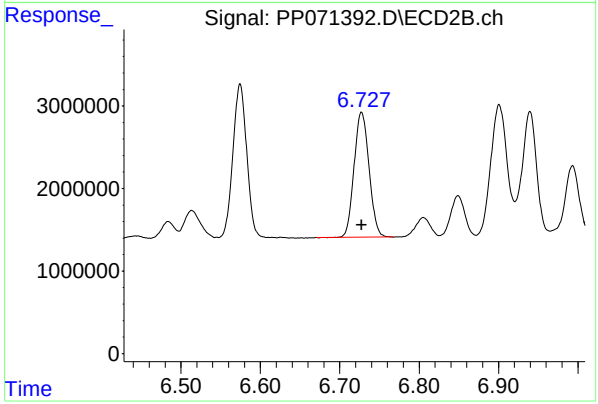
#32 AR-1260-2

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 22873239
Conc: 272.06 ng/ml



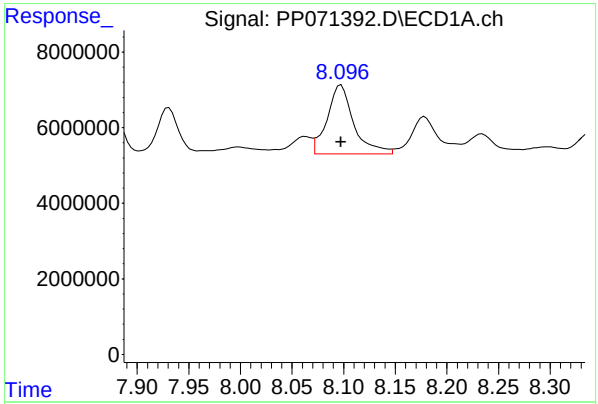
#33 AR-1260-3

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 31628881
Conc: 269.75 ng/ml



#33 AR-1260-3

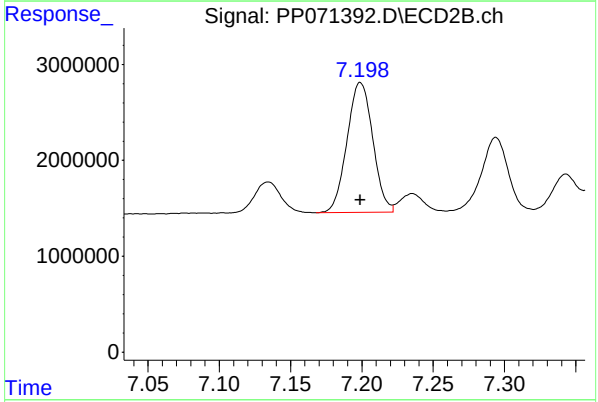
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 19836001
Conc: 260.96 ng/ml



#34 AR-1260-4

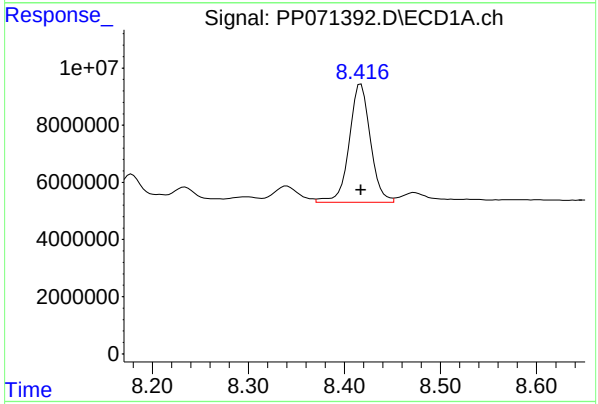
R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 32815153
Conc: 286.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



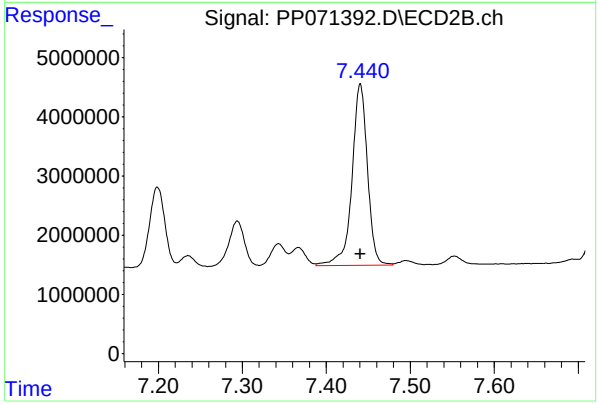
#34 AR-1260-4

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 17020763
Conc: 275.05 ng/ml



#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 63777045
Conc: 273.24 ng/ml



#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: 0.000 min
Response: 39378070
Conc: 264.14 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:34
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:47:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:46:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.515	3.812	8969831	7104871	4.524	5.044
2) SA	Decachlor...	10.235	8.850	6503503	4207302	4.491	4.797
	Target Compounds						
3) L1	AR-1016-1	5.669	4.898	3083717	3007251	45.991	56.175
4) L1	AR-1016-2	5.691	4.916	4780792	4212537	46.584	55.164
5) L1	AR-1016-3	5.753	5.094	2802822	2158254	45.466	51.131
6) L1	AR-1016-4	5.851	5.135	2247335	1759505	43.809	51.021
7) L1	AR-1016-5	6.144	5.349	2125784	2429782	44.068	54.667
31) L7	AR-1260-1	7.262	6.384	4795547	4103726	49.941	56.760
32) L7	AR-1260-2	7.516	6.573	6922549	5050265	48.383	57.743
33) L7	AR-1260-3	7.875	6.726	4575293	4394430	40.810m	56.060 #
34) L7	AR-1260-4	8.098	7.197	5275083	3401257	46.807m	53.894
35) L7	AR-1260-5	8.417	7.439	9961562	7878032	43.897m	52.249

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:34
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

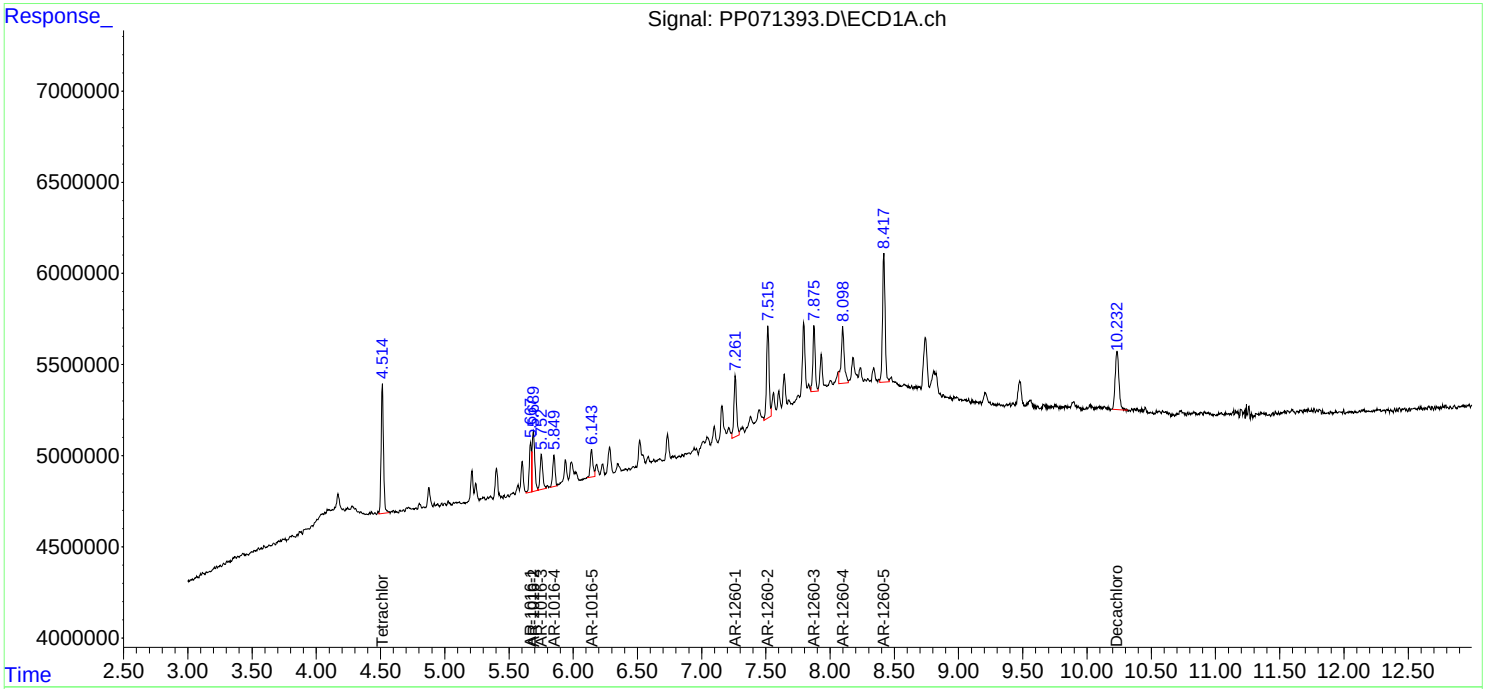
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

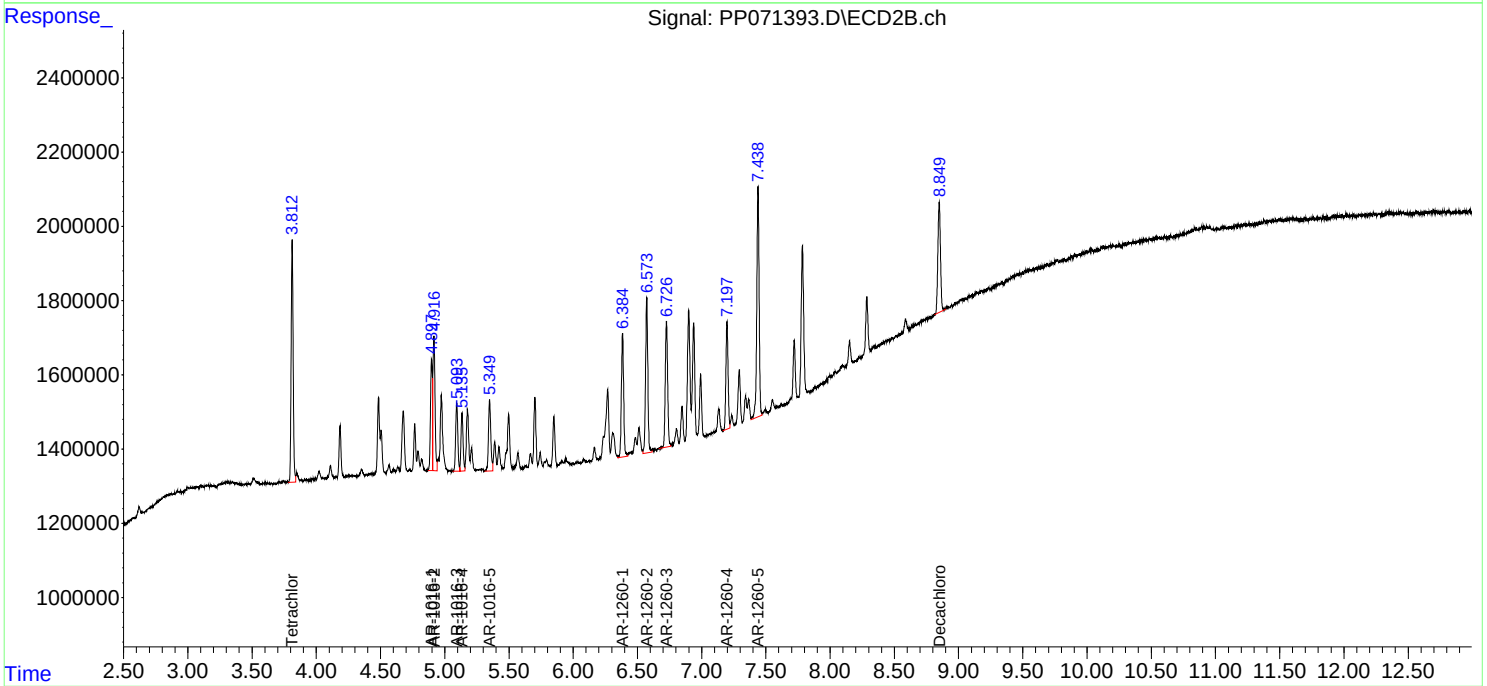
Manual Integrations APPROVED

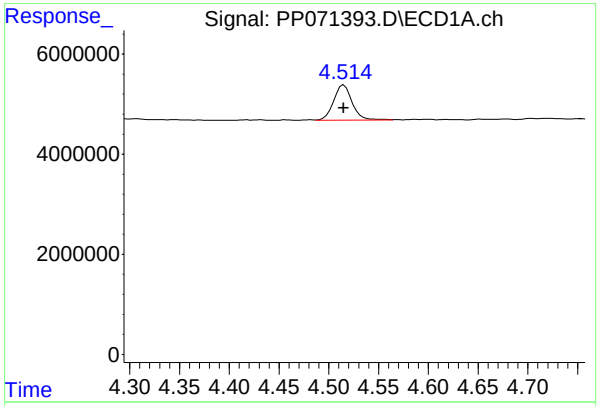
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:47:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:46:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







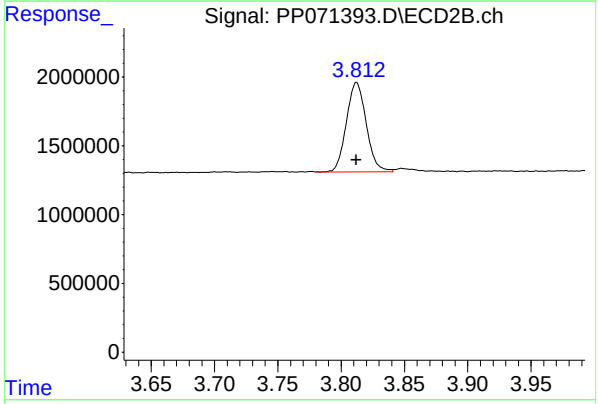
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 8969831
Conc: 4.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

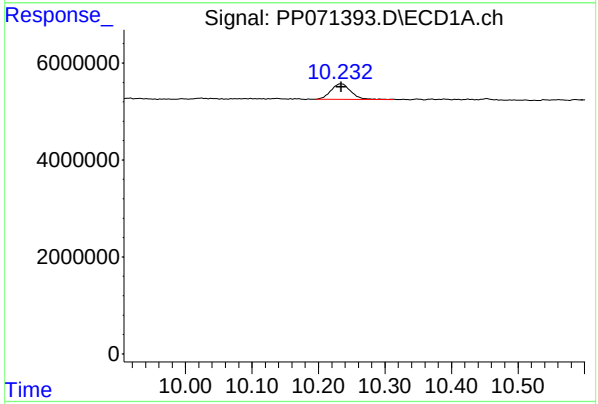
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



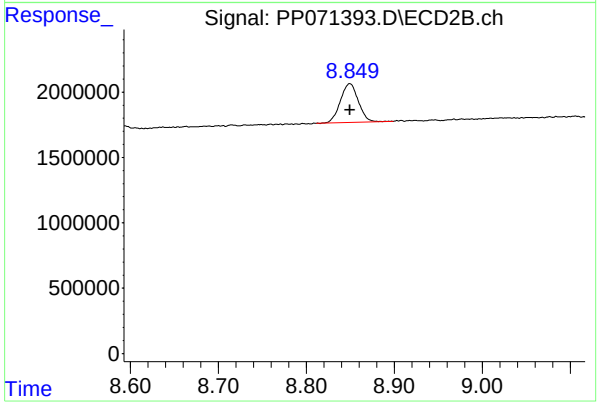
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 7104871
Conc: 5.04 ng/ml



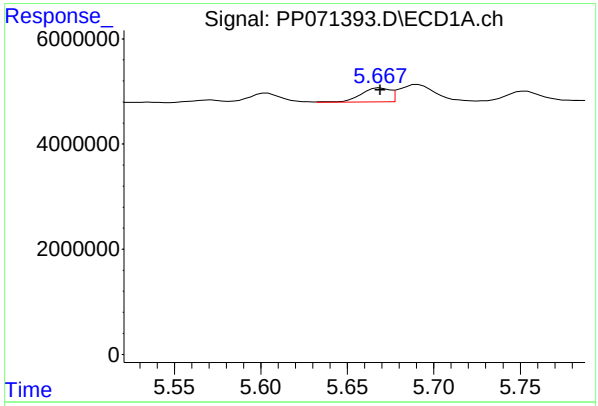
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 6503503
Conc: 4.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4207302
Conc: 4.80 ng/ml



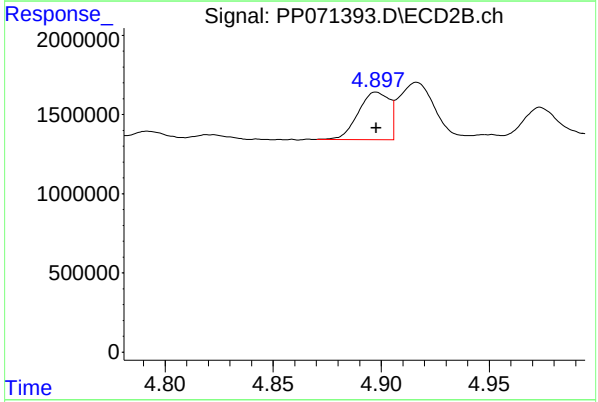
#3 AR-1016-1

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 3083717
Conc: 45.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

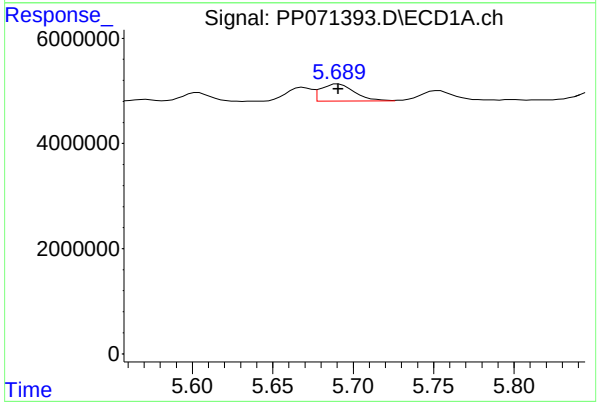
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



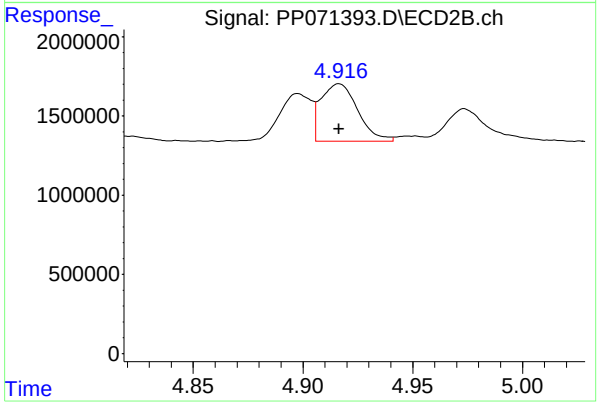
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 3007251
Conc: 56.18 ng/ml



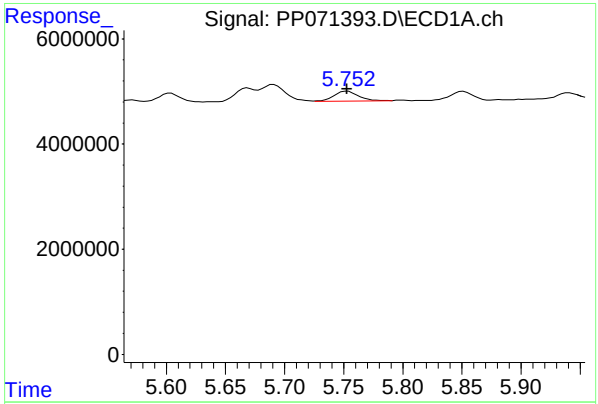
#4 AR-1016-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 4780792
Conc: 46.58 ng/ml



#4 AR-1016-2

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 4212537
Conc: 55.16 ng/ml



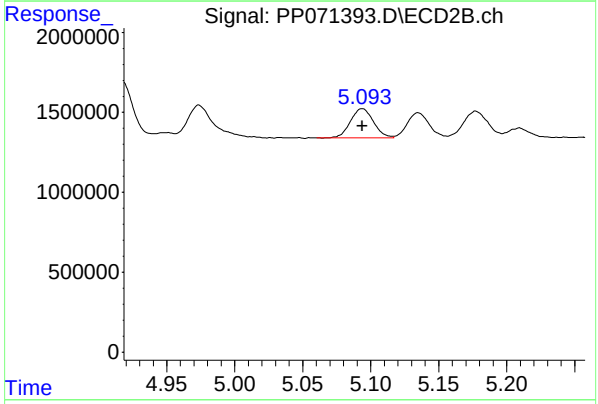
#5 AR-1016-3

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 2802822
Conc: 45.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

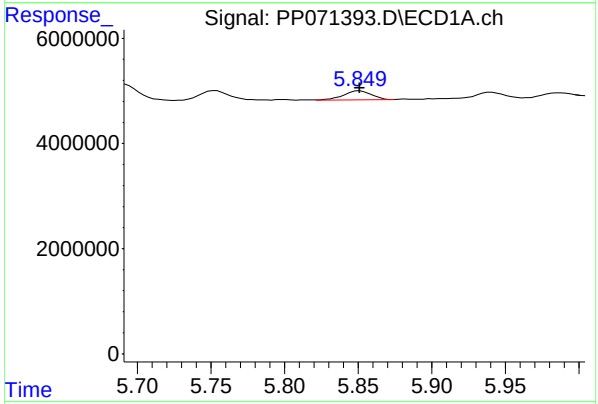
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



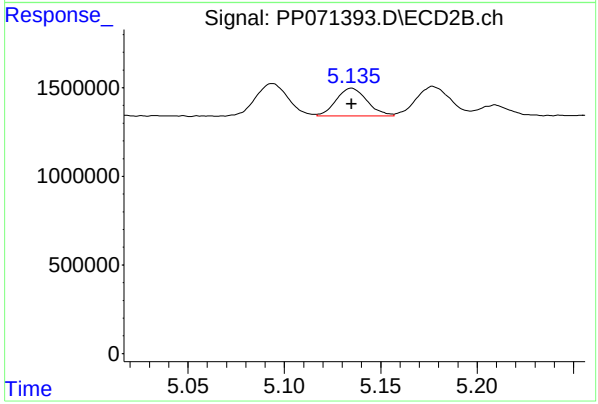
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 2158254
Conc: 51.13 ng/ml



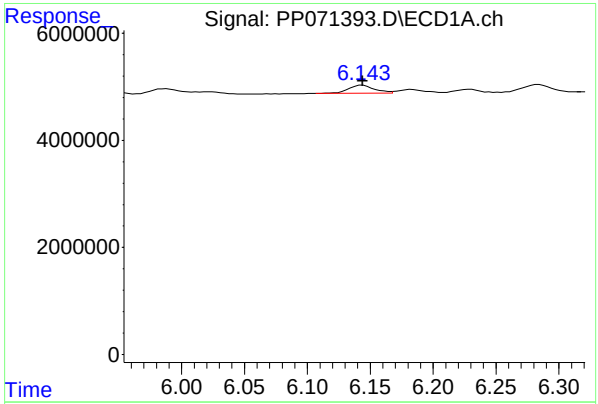
#6 AR-1016-4

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 2247335
Conc: 43.81 ng/ml



#6 AR-1016-4

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 1759505
Conc: 51.02 ng/ml



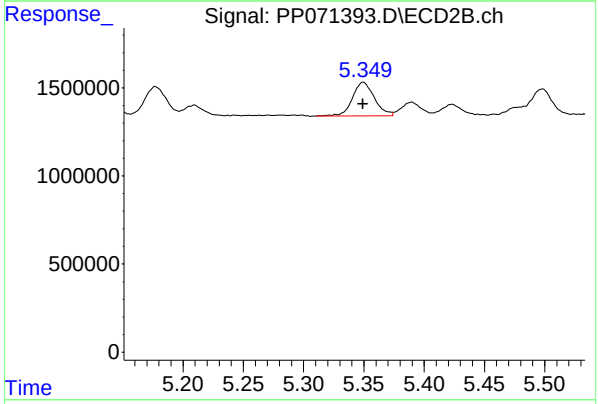
#7 AR-1016-5

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 2125784
Conc: 44.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

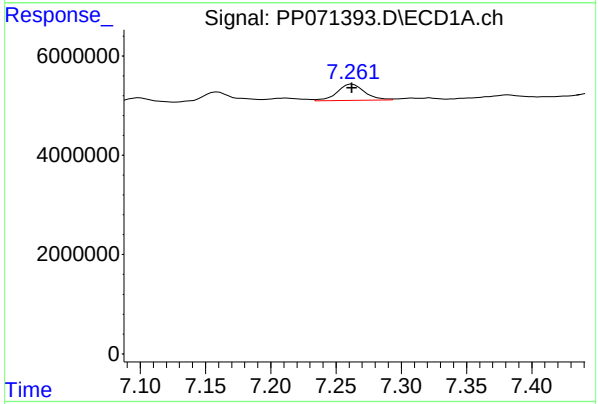
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



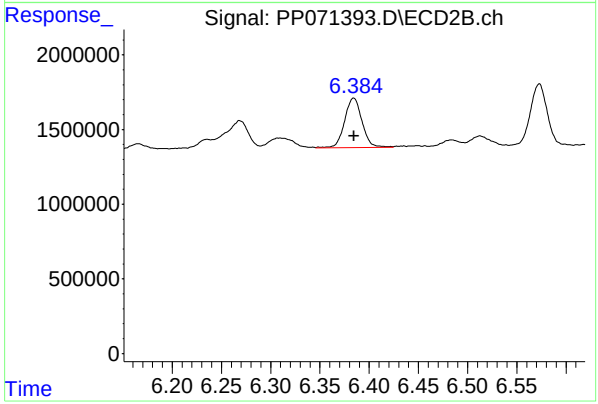
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 2429782
Conc: 54.67 ng/ml



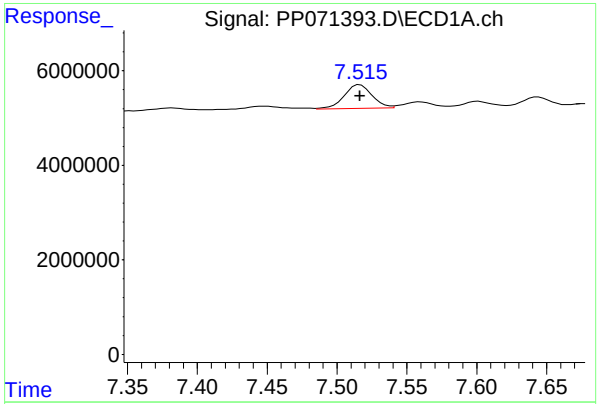
#31 AR-1260-1

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 4795547
Conc: 49.94 ng/ml



#31 AR-1260-1

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 4103726
Conc: 56.76 ng/ml



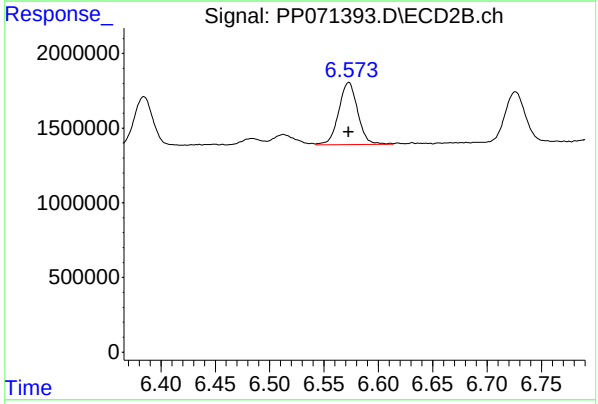
#32 AR-1260-2

R.T.: 7.516 min
Delta R.T.: 0.000 mi
Response: 6922549
Conc: 48.38 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

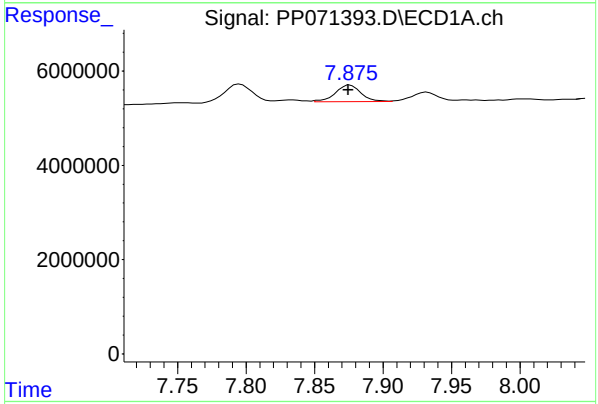
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



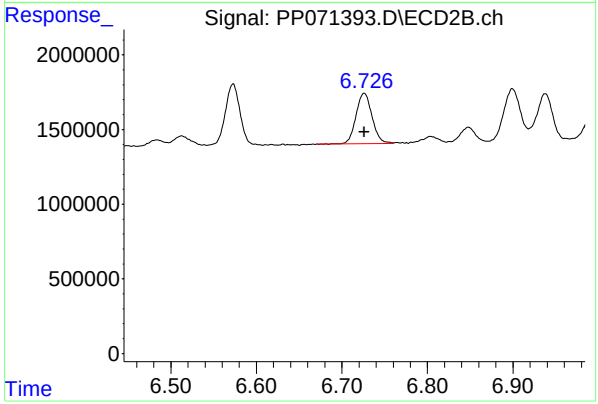
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 5050265
Conc: 57.74 ng/ml



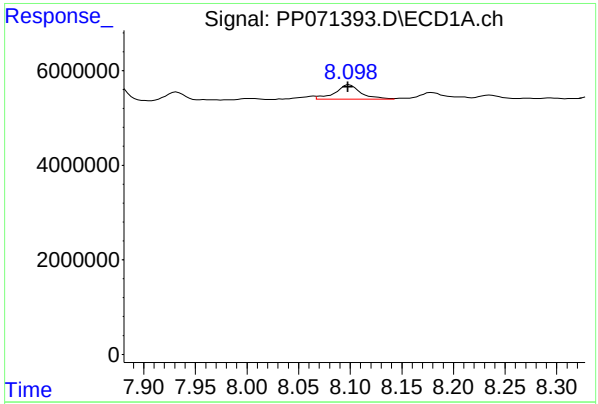
#33 AR-1260-3

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 4575293
Conc: 40.81 ng/ml m



#33 AR-1260-3

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 4394430
Conc: 56.06 ng/ml



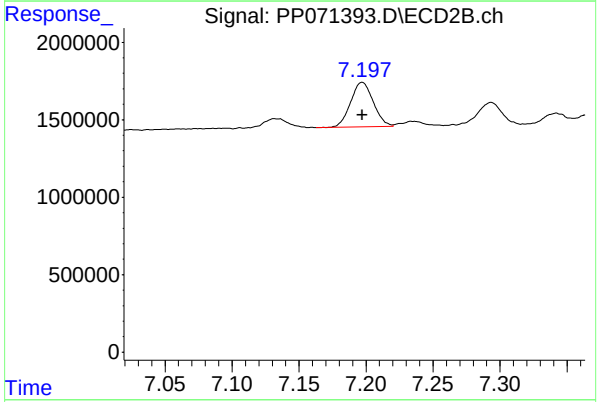
#34 AR-1260-4

R.T.: 8.098 min
Delta R.T.: 0.000 mi
Response: 5275083
Conc: 46.81 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

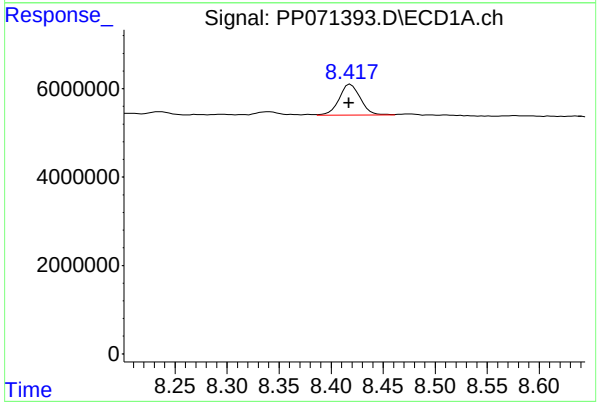
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



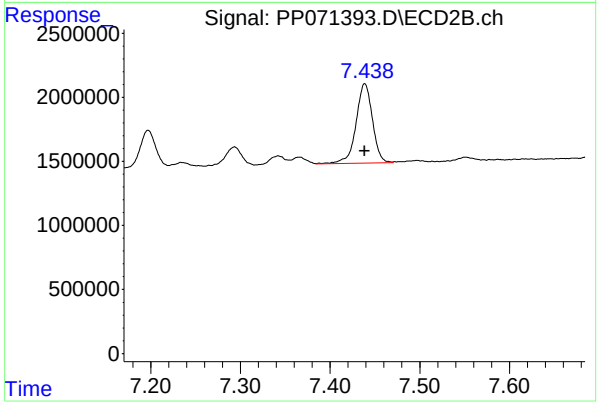
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 3401257
Conc: 53.89 ng/ml



#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 9961562
Conc: 43.90 ng/ml m



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 7878032
Conc: 52.25 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:51
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 12:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.812	102.0E6	70886063	50.000	50.000
2)	SA Decachlor...	10.233	8.849	73129811	43684216	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.715	4.022	12058427	10997465	500.000	500.000
9)	L2 AR-1221-2	4.800	4.109	9008471	8280856	500.000	500.000
10)	L2 AR-1221-3	4.876	4.185	28305615	24238496	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

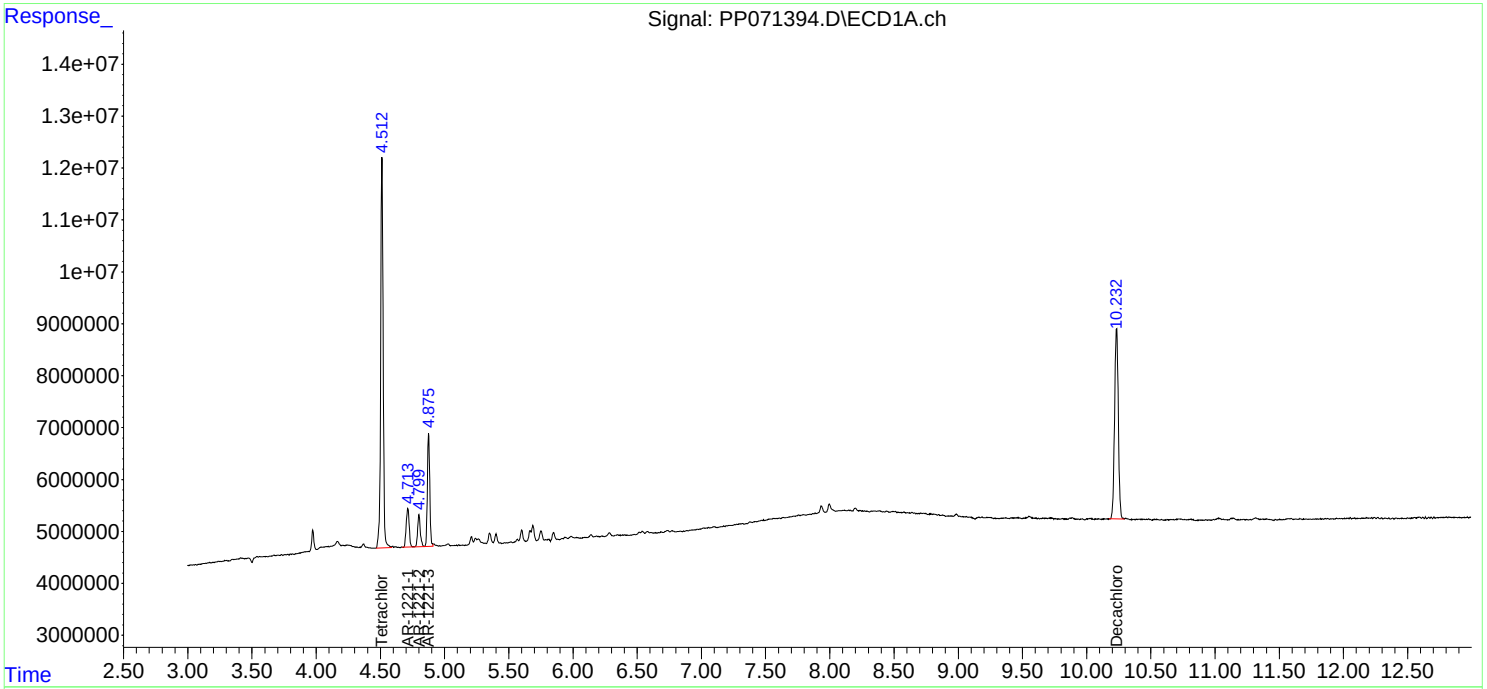
ICAL Form

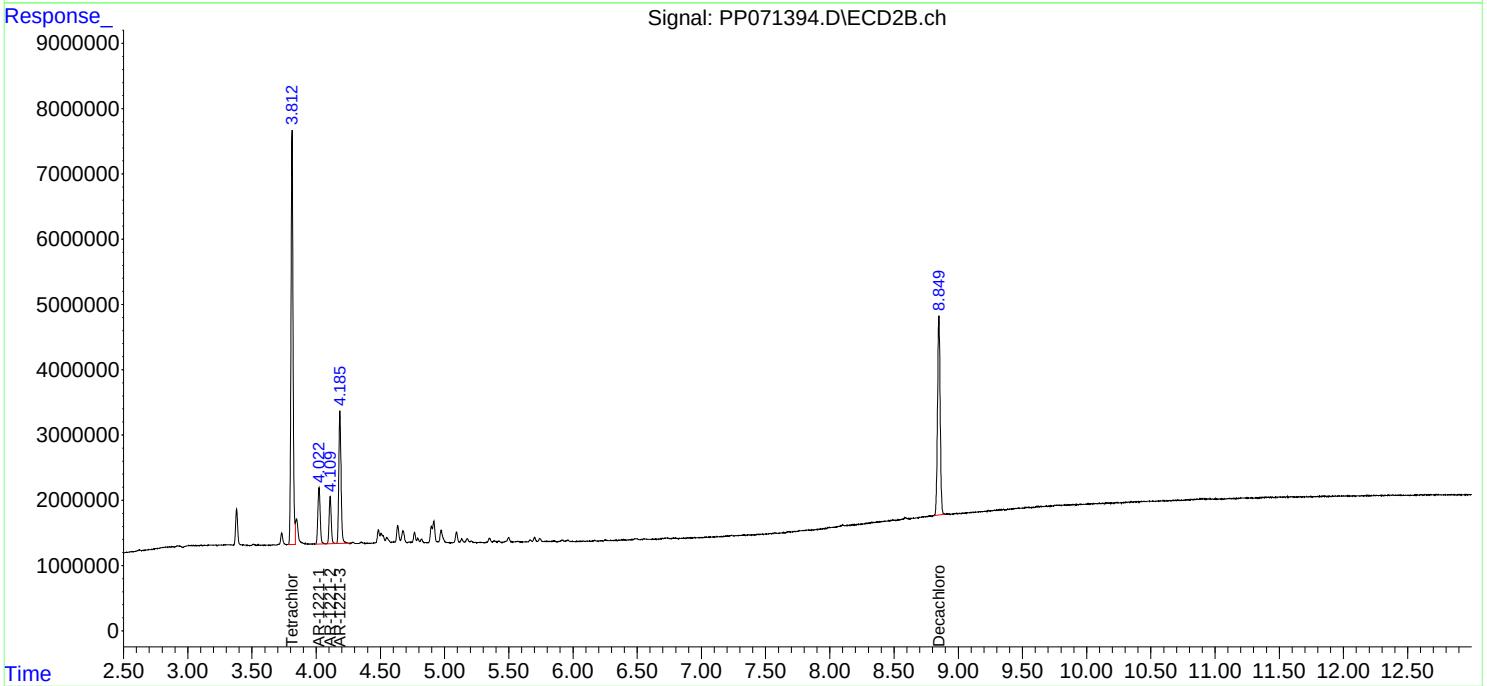
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:51
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

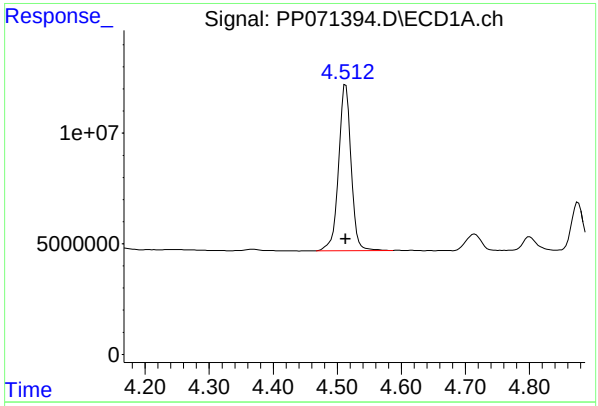
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 12:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



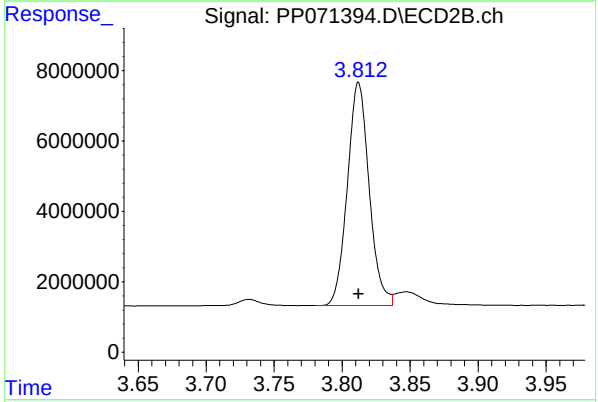




#1 Tetrachloro-m-xylene

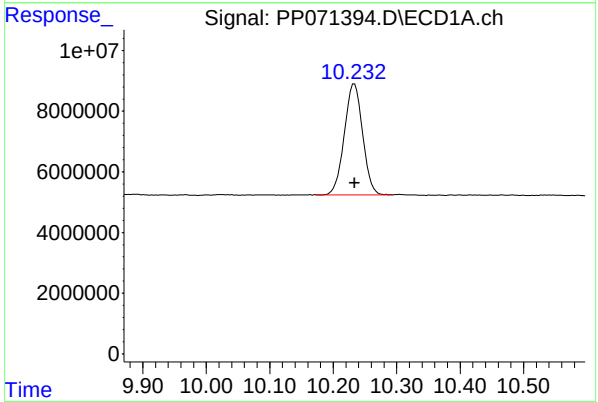
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 101953072
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



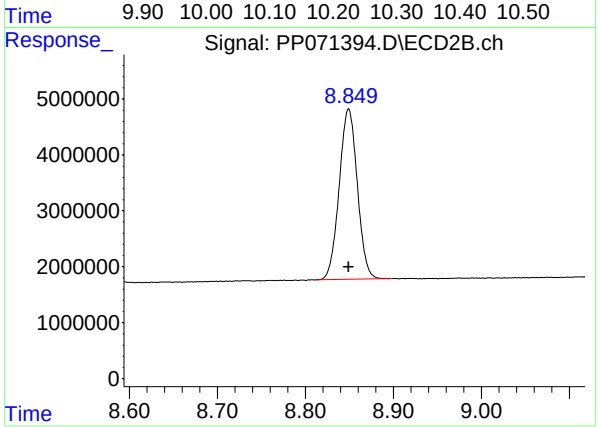
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 70886063
Conc: 50.00 ng/ml



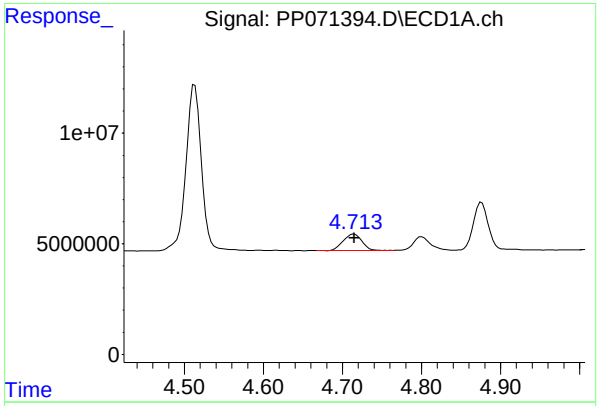
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 73129811
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

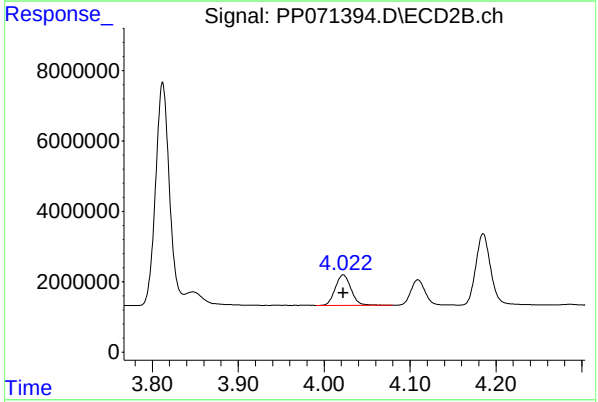
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 43684216
Conc: 50.00 ng/ml



#8 AR-1221-1

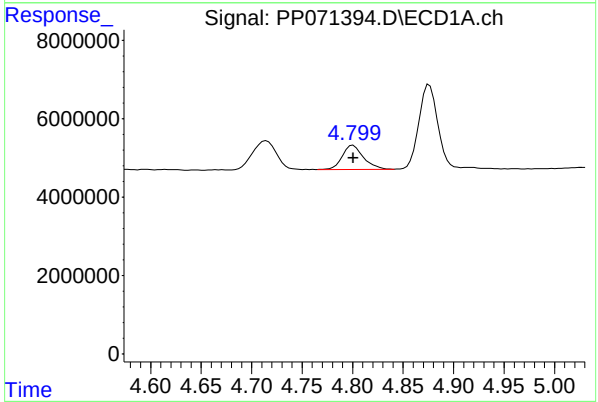
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 12058427
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



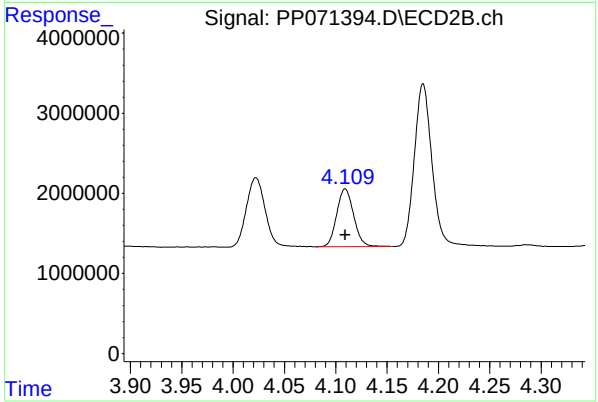
#8 AR-1221-1

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 10997465
Conc: 500.00 ng/ml



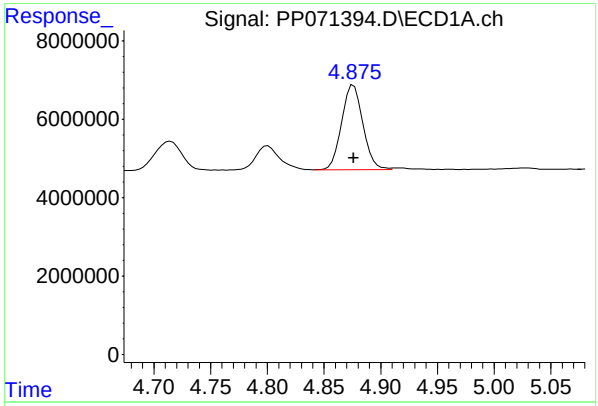
#9 AR-1221-2

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 9008471
Conc: 500.00 ng/ml



#9 AR-1221-2

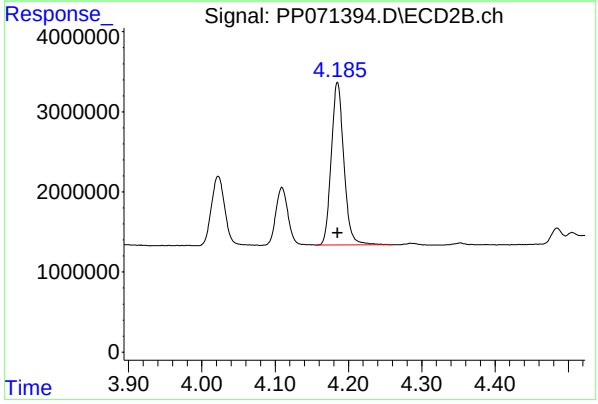
R.T.: 4.109 min
Delta R.T.: 0.000 min
Response: 8280856
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 28305615
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.185 min
Delta R.T.: 0.000 min
Response: 24238496
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:07
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 12:29:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	97587735	67524433	50.000	50.000
2)	SA Decachlor...	10.233	8.851	71248479	42941843	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.878	4.186	22456038	19158895	500.000	500.000
12)	L3 AR-1232-2	5.403	4.917	11506547	19093695	500.000	500.000
13)	L3 AR-1232-3	5.690	5.094	23608778	10587643	500.000	500.000
14)	L3 AR-1232-4	5.850	5.178	11589674	9270206	500.000	500.000
15)	L3 AR-1232-5	5.940	5.351	8072861	9950926	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

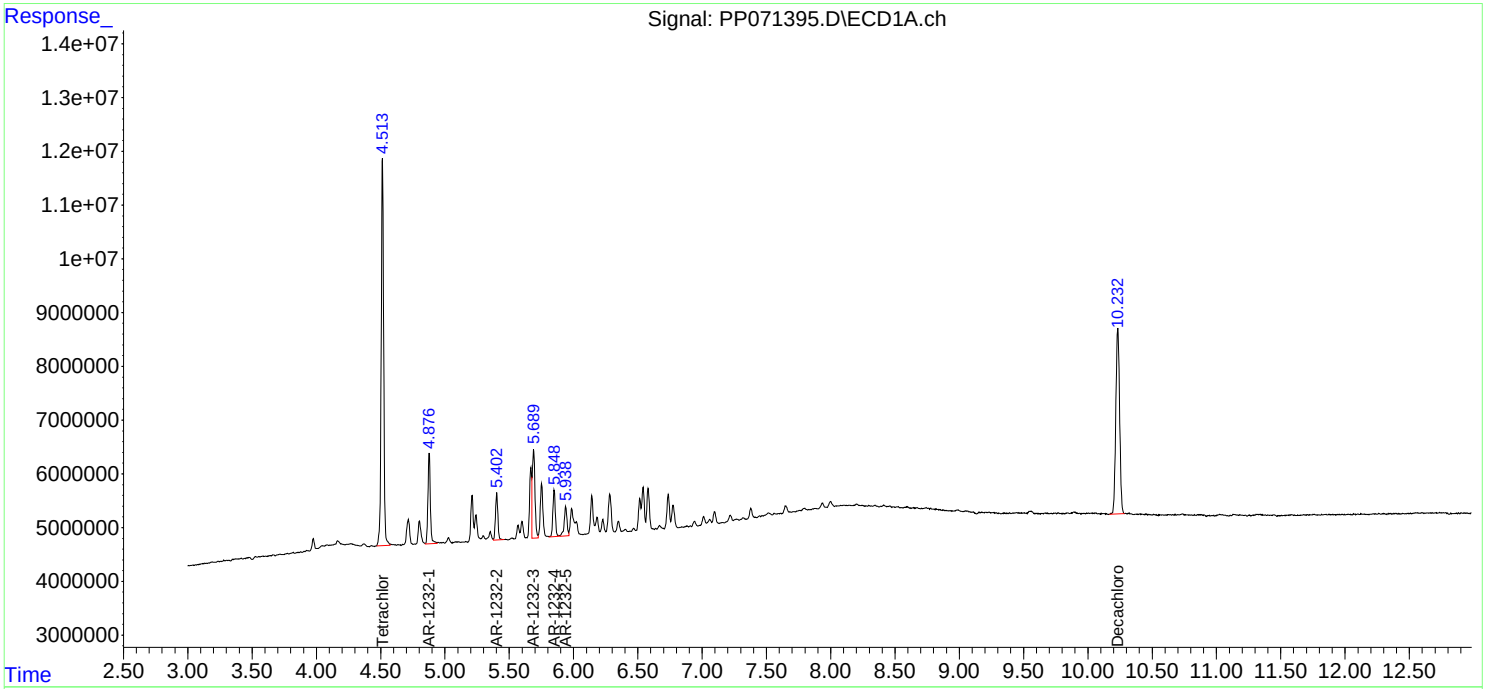
ICAL Form

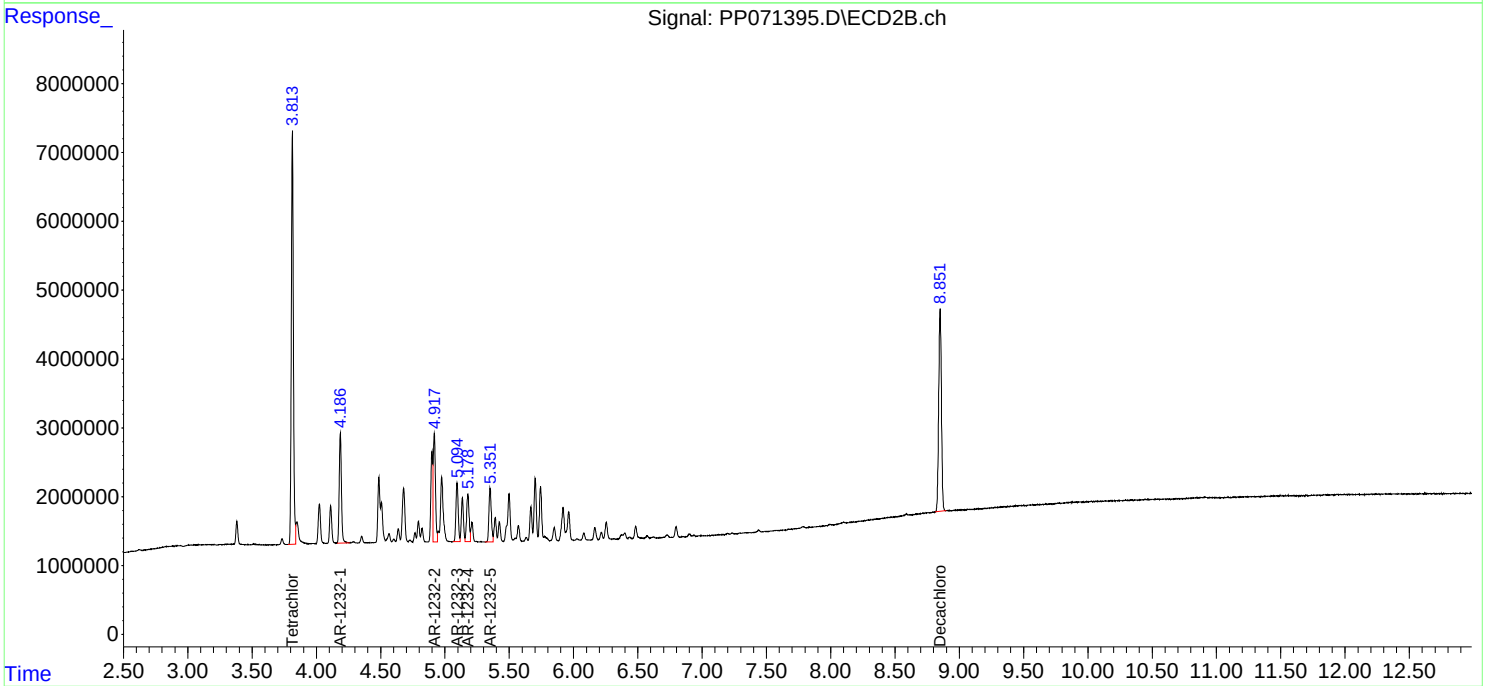
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:07
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

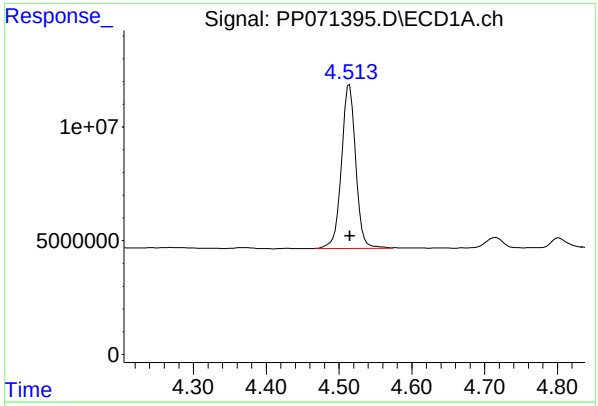
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 12:29:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



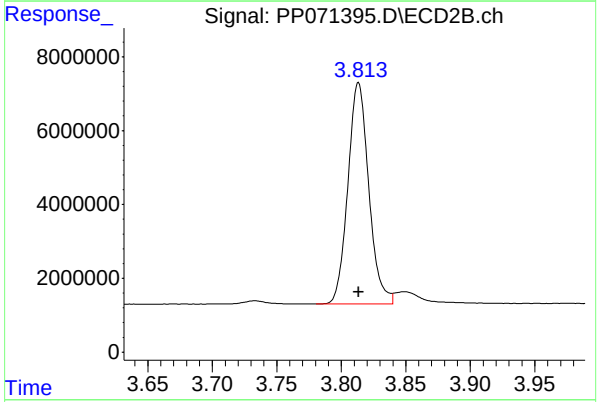




#1 Tetrachloro-m-xylene

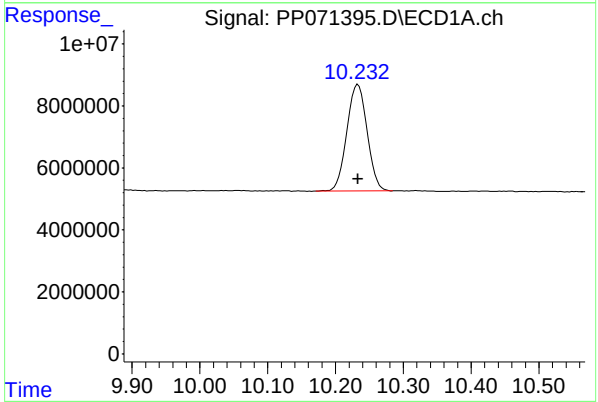
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 97587735
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



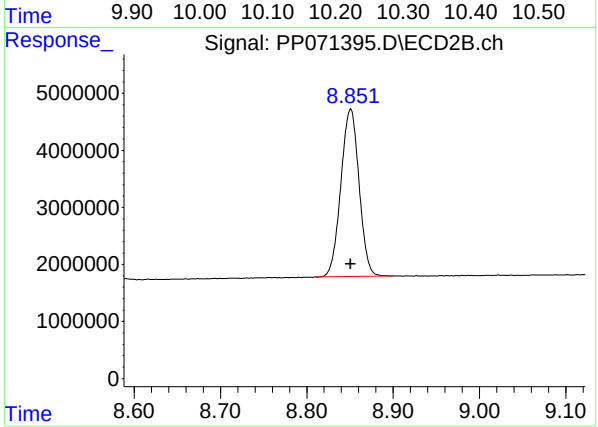
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 67524433
Conc: 50.00 ng/ml



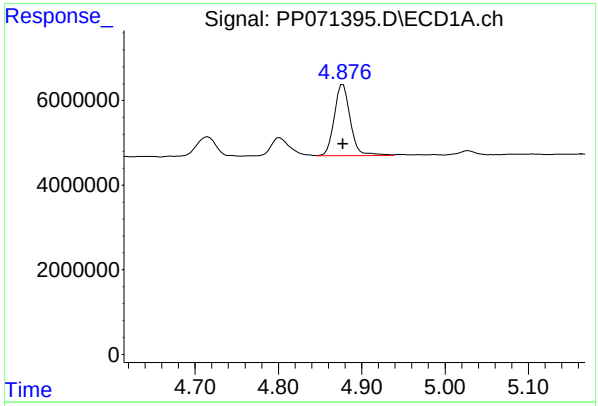
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 71248479
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

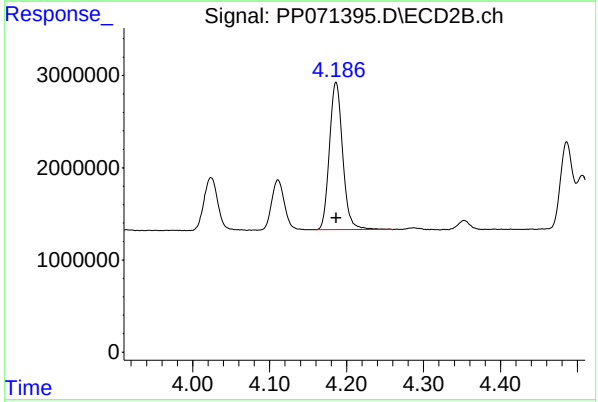
R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 42941843
Conc: 50.00 ng/ml



#11 AR-1232-1

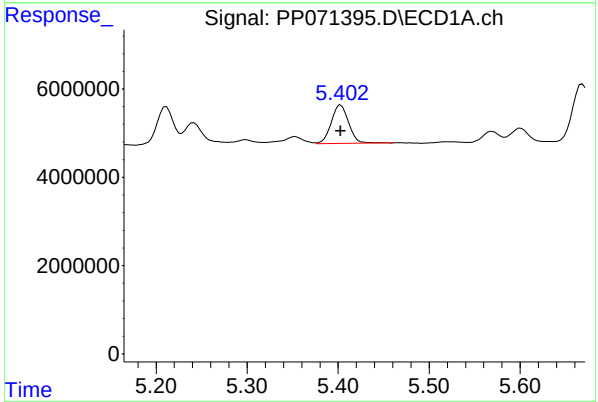
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 22456038
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



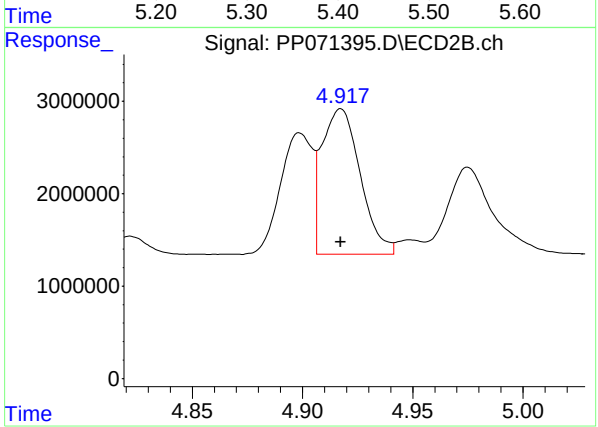
#11 AR-1232-1

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 19158895
Conc: 500.00 ng/ml



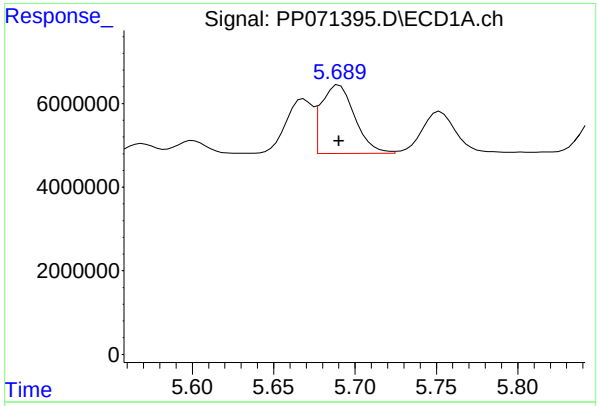
#12 AR-1232-2

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 11506547
Conc: 500.00 ng/ml



#12 AR-1232-2

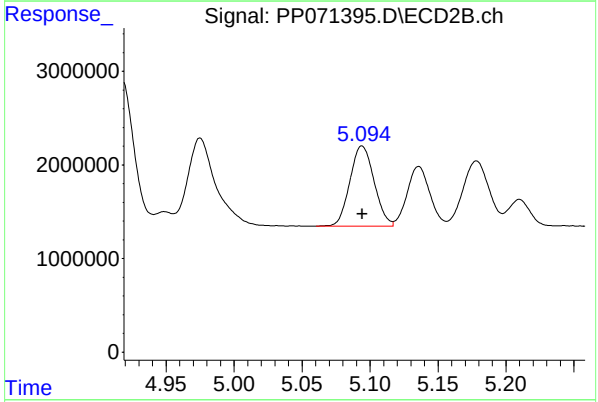
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 19093695
Conc: 500.00 ng/ml



#13 AR-1232-3

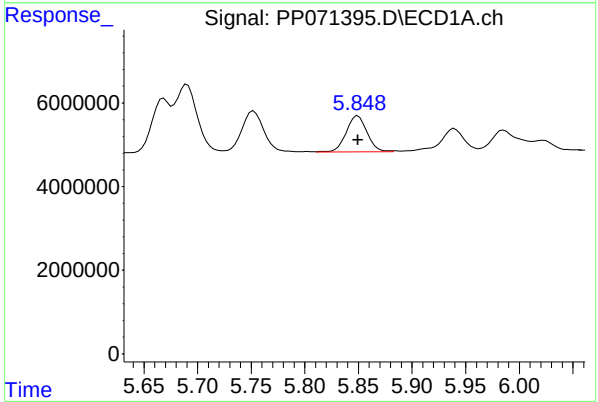
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 23608778
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



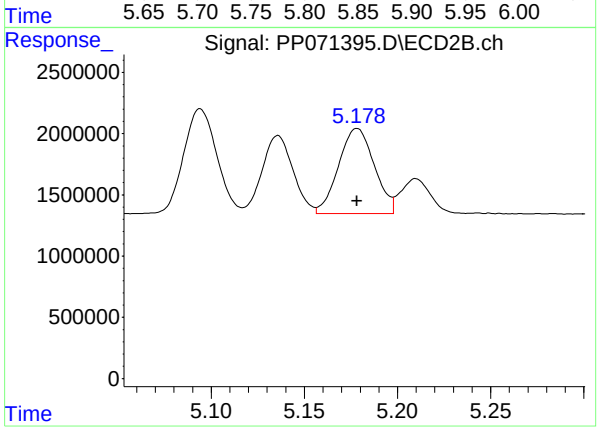
#13 AR-1232-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 10587643
Conc: 500.00 ng/ml



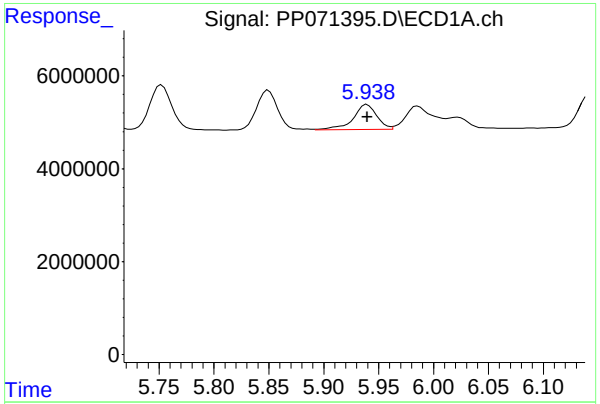
#14 AR-1232-4

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 11589674
Conc: 500.00 ng/ml



#14 AR-1232-4

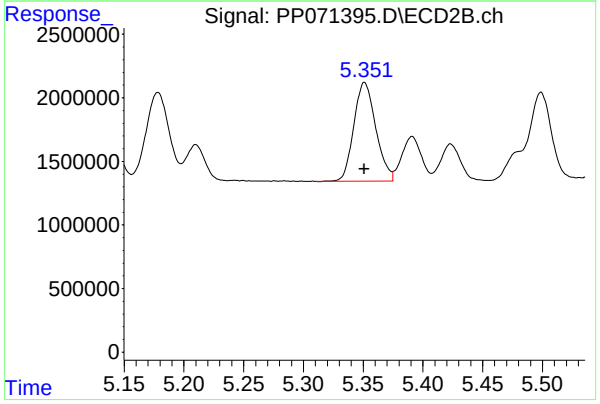
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 9270206
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.940 min
Delta R.T.: 0.000 mi
Response: 8072861
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 9950926
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:23
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:20:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.812	186.9E6	129.5E6	96.183	92.543
2)	SA Decachlor...	10.233	8.849	136.9E6	81561508	95.790	95.248
	Target Compounds						
16)	L4 AR-1242-1	5.668	4.897	53870259	42717527	958.842	942.603
17)	L4 AR-1242-2	5.689	4.916	81881116	62346958	951.456	954.464
18)	L4 AR-1242-3	5.751	5.093	49423643	34614031	962.179	947.245
19)	L4 AR-1242-4	5.848	5.177	41638031	33518120	960.813	943.289
20)	L4 AR-1242-5	6.580	5.701	44955701	41214500	963.821	956.409

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

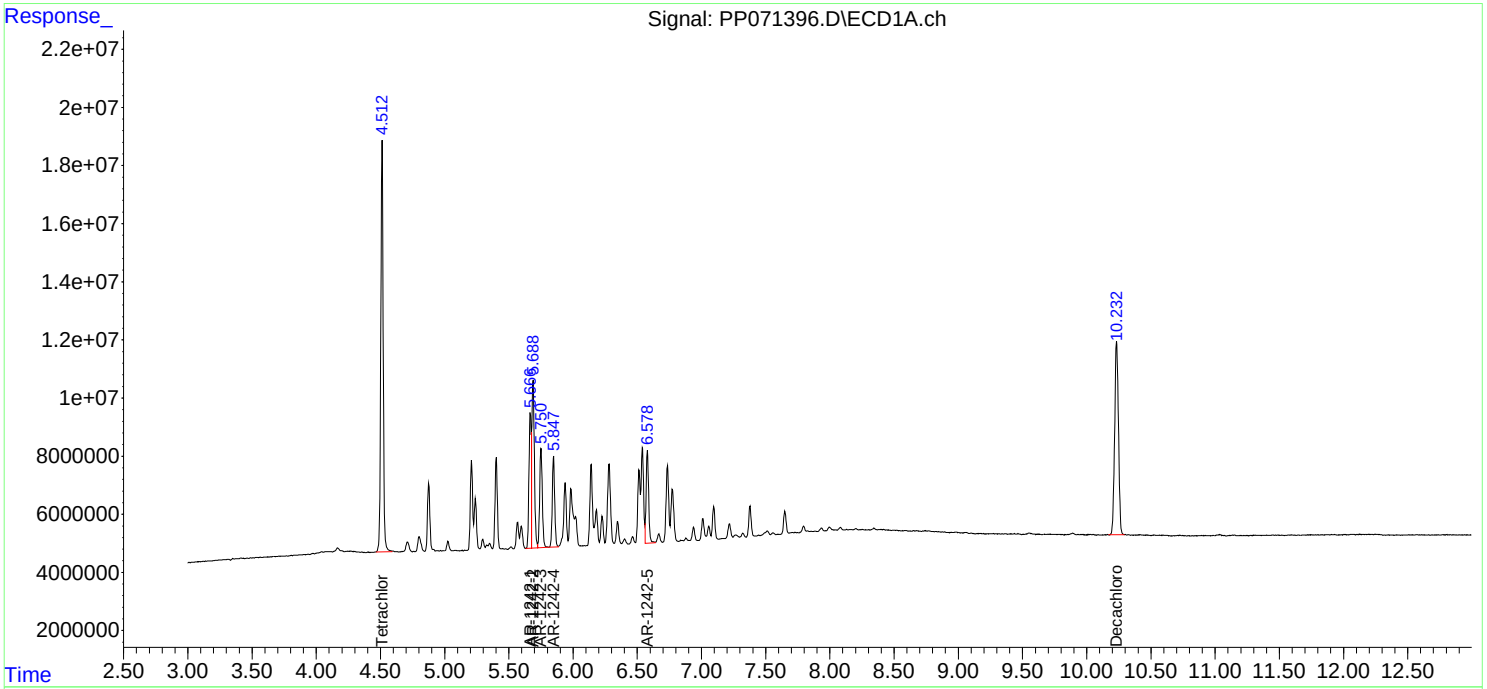
ICAL Form

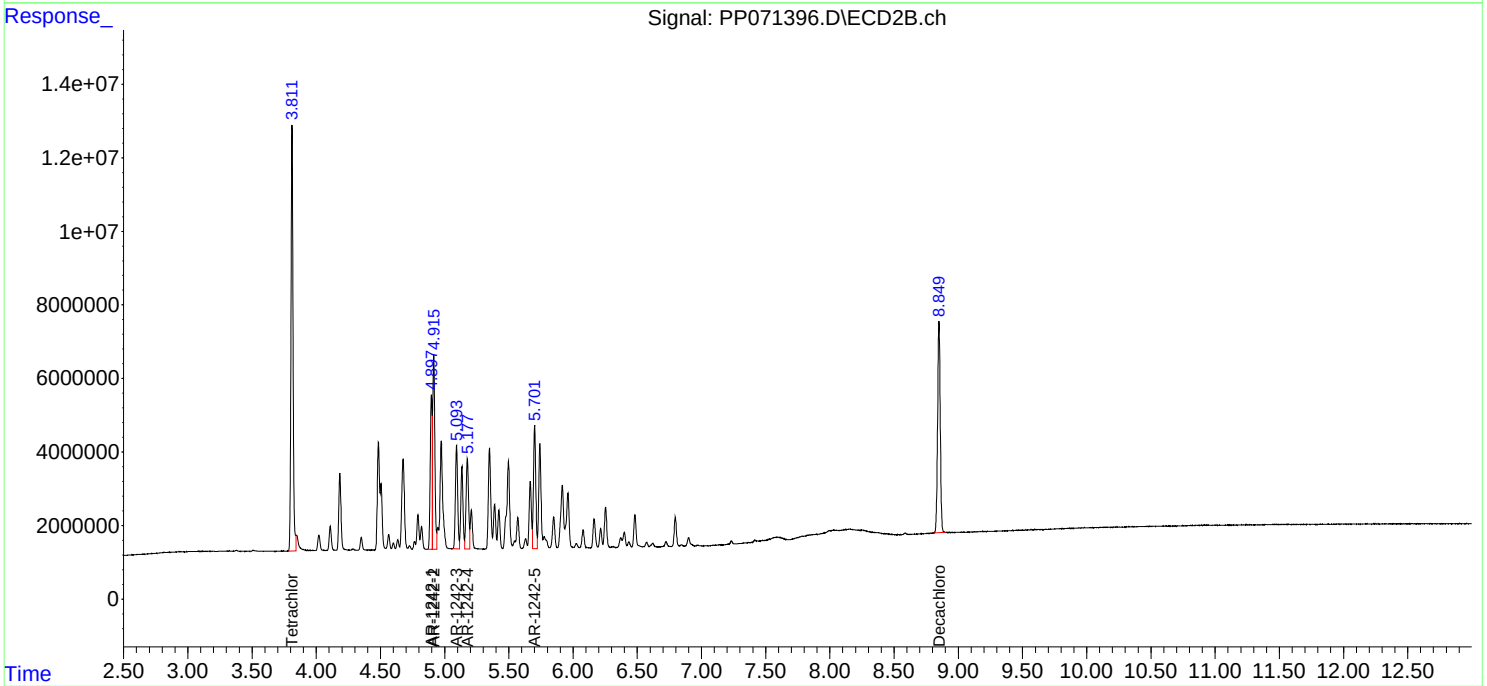
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:23
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

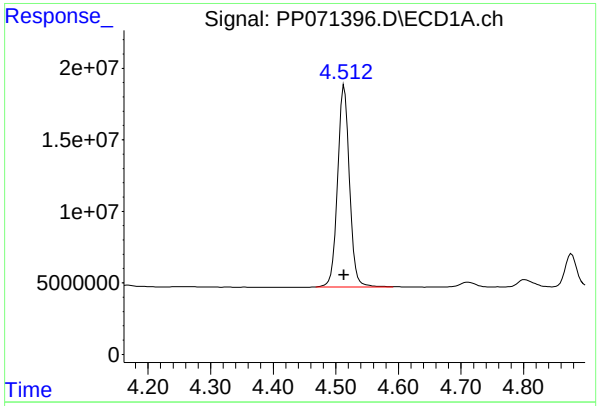
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:20:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



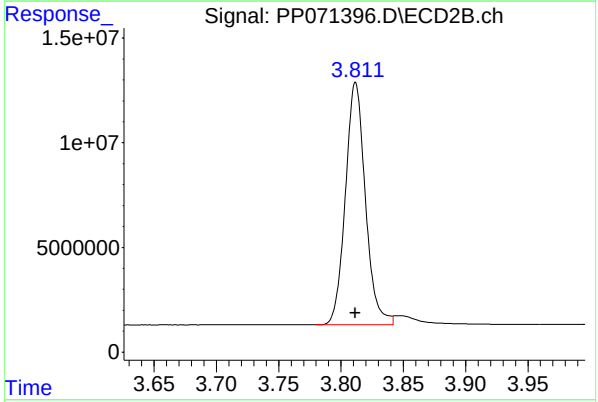




#1 Tetrachloro-m-xylene

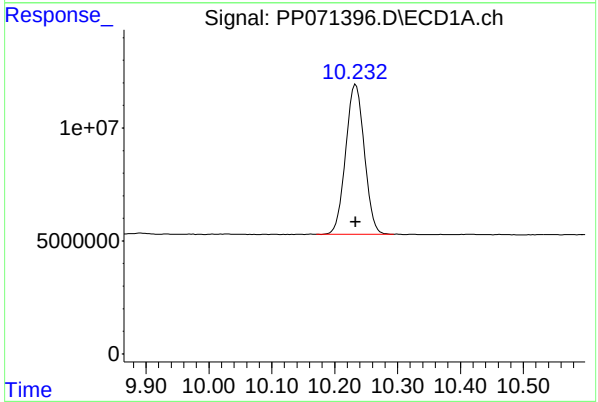
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 186894535
Conc: 96.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



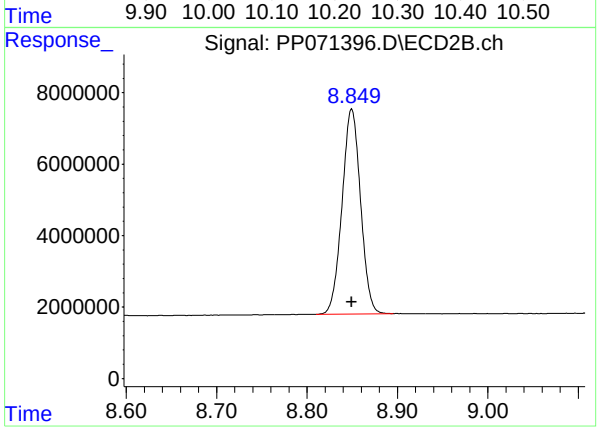
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 129515962
Conc: 92.54 ng/ml



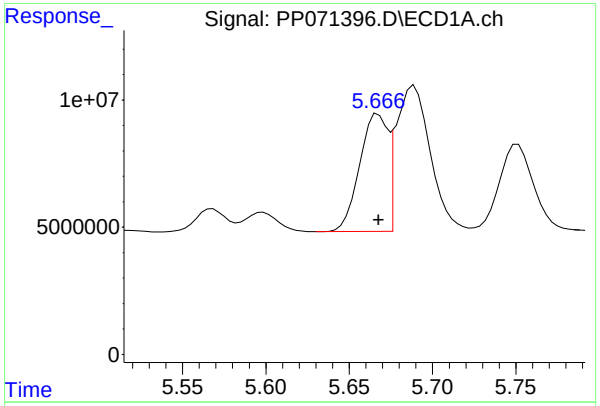
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 136854767
Conc: 95.79 ng/ml



#2 Decachlorobiphenyl

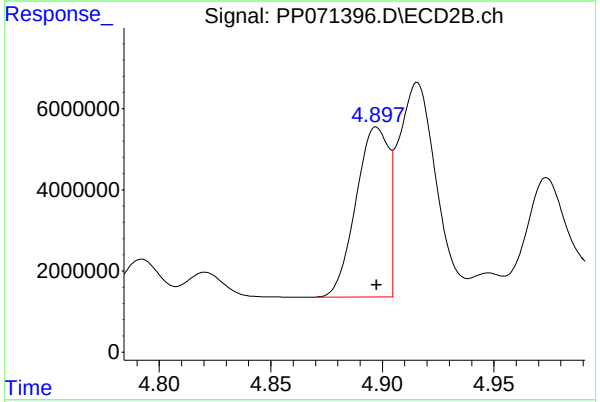
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 81561508
Conc: 95.25 ng/ml



#16 AR-1242-1

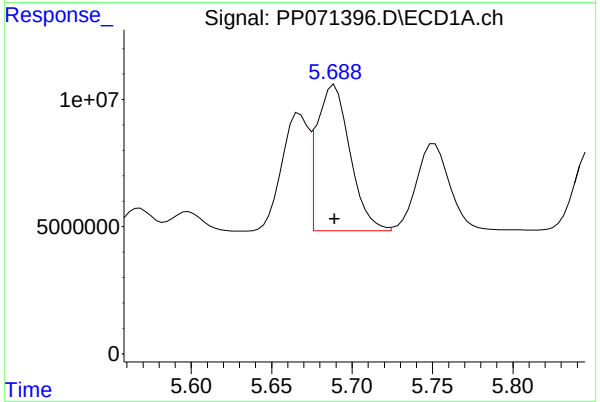
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 53870259
Conc: 958.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



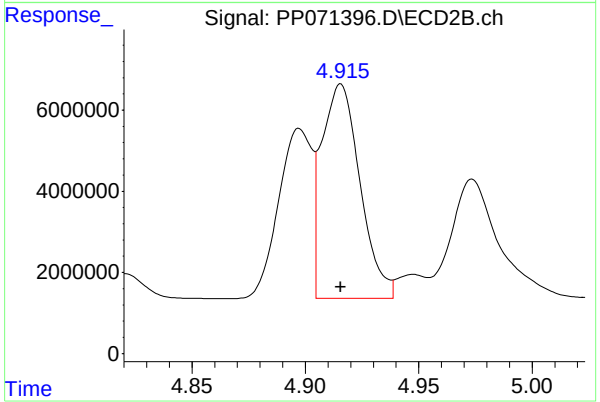
#16 AR-1242-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 42717527
Conc: 942.60 ng/ml



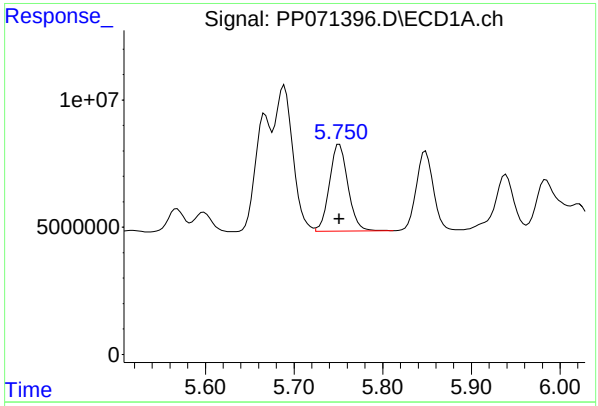
#17 AR-1242-2

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 81881116
Conc: 951.46 ng/ml



#17 AR-1242-2

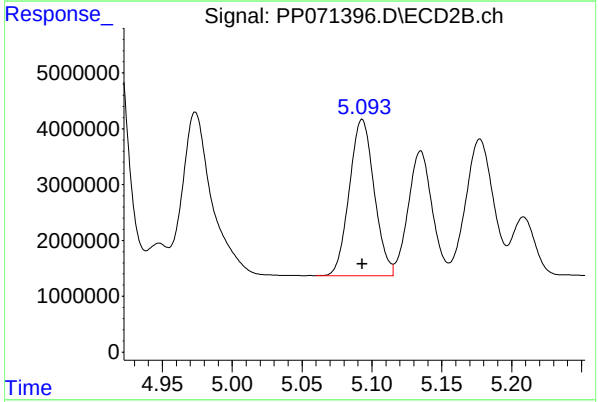
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 62346958
Conc: 954.46 ng/ml



#18 AR-1242-3

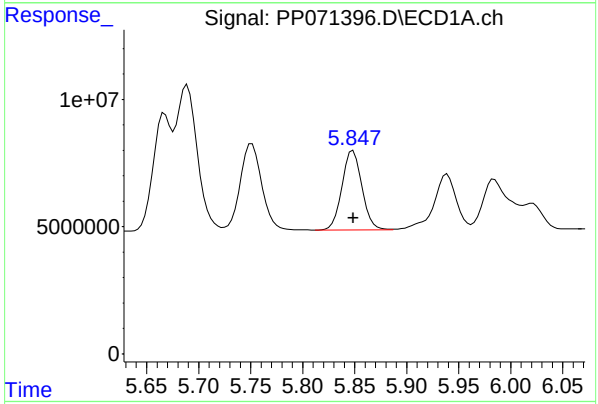
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 49423643
Conc: 962.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



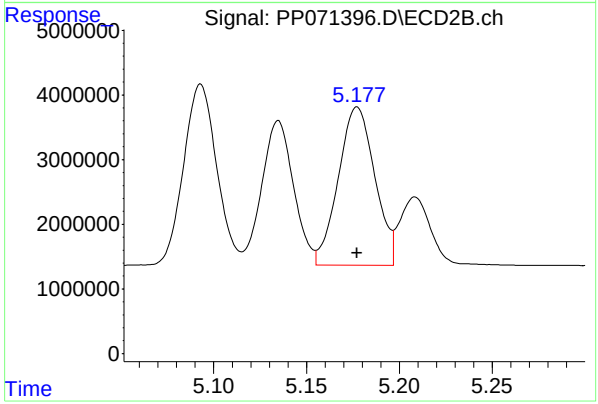
#18 AR-1242-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 34614031
Conc: 947.24 ng/ml



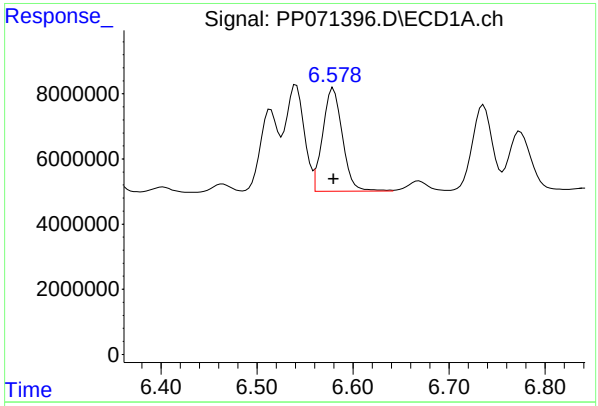
#19 AR-1242-4

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 41638031
Conc: 960.81 ng/ml



#19 AR-1242-4

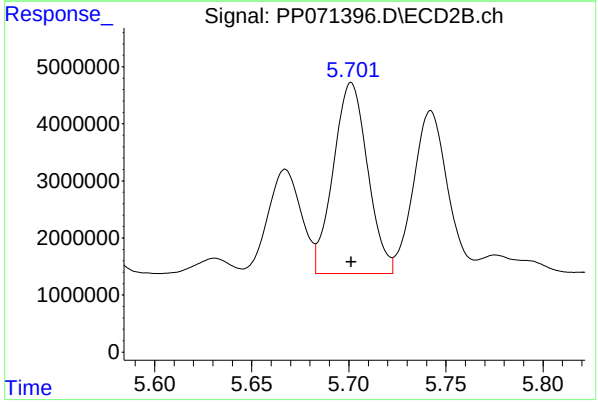
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 33518120
Conc: 943.29 ng/ml



#20 AR-1242-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 44955701
Conc: 963.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 41214500
Conc: 956.41 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071397.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:39
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:23:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	144.5E6	99405951	74.571	72.305
2)	SA Decachlor...	10.236	8.850	106.6E6	63879480	74.739	74.732
	Target Compounds						
16)	L4 AR-1242-1	5.669	4.899	41763307	33495158	745.553	742.700
17)	L4 AR-1242-2	5.691	4.917	64231120	48675819	747.572	746.776
18)	L4 AR-1242-3	5.753	5.094	38470772	26777904	749.299	738.446
19)	L4 AR-1242-4	5.850	5.179	32141516	25994749	744.431	737.606
20)	L4 AR-1242-5	6.581	5.703	34794164	32016406	747.305	745.293

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

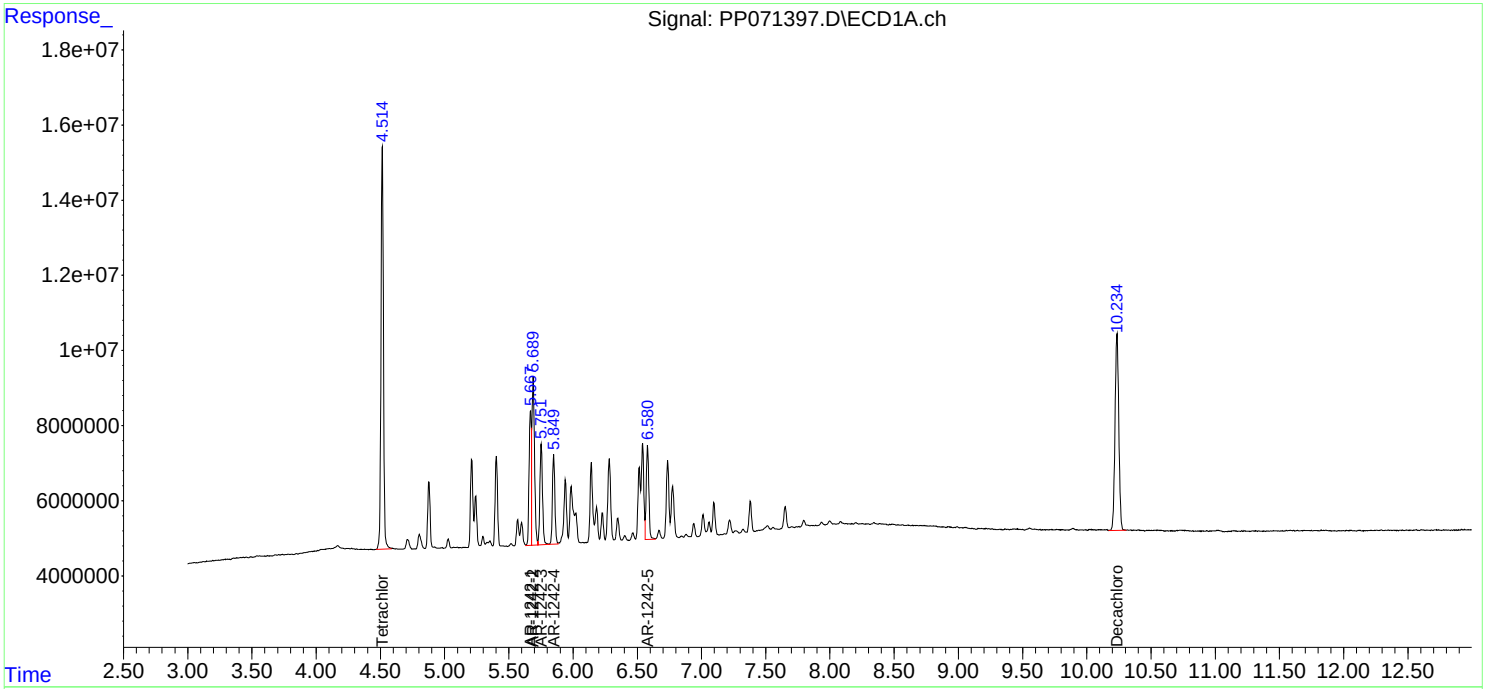
ICAL Form

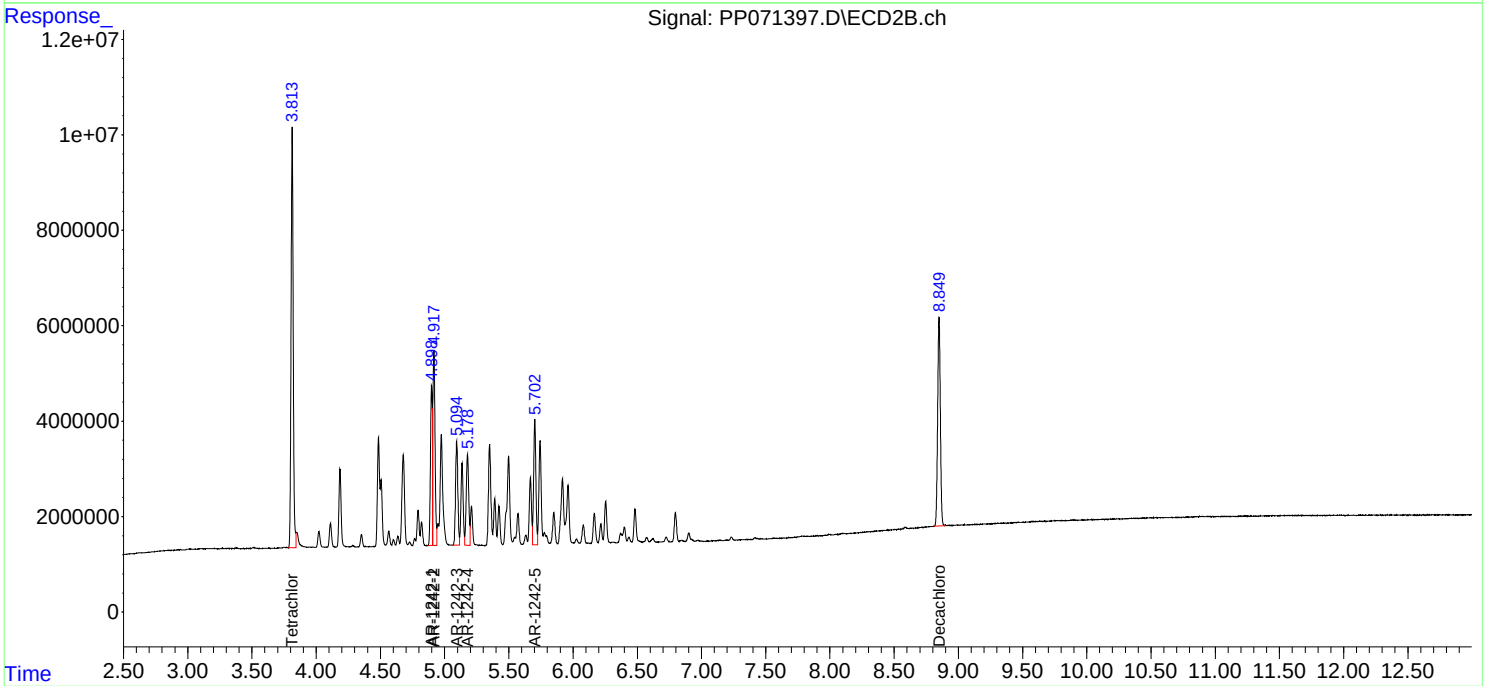
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071397.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:39
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

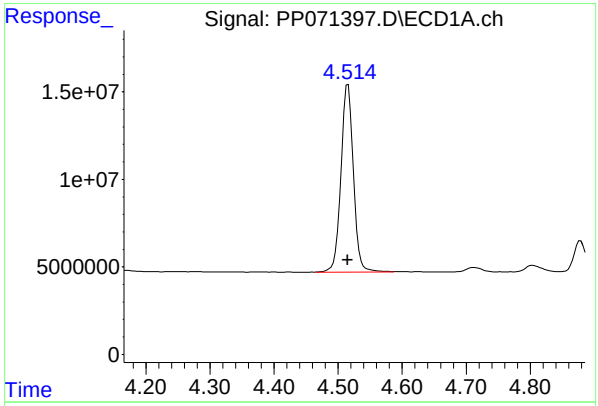
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:23:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



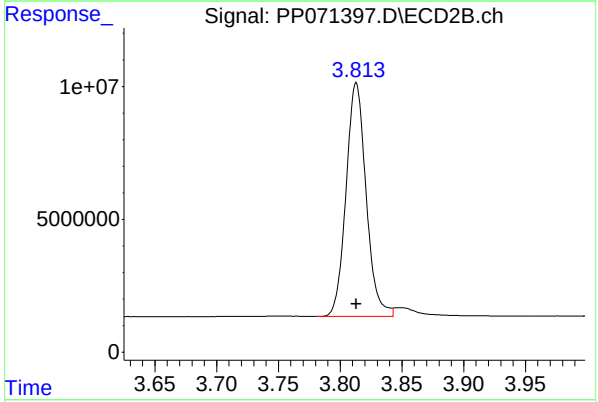




#1 Tetrachloro-m-xylene

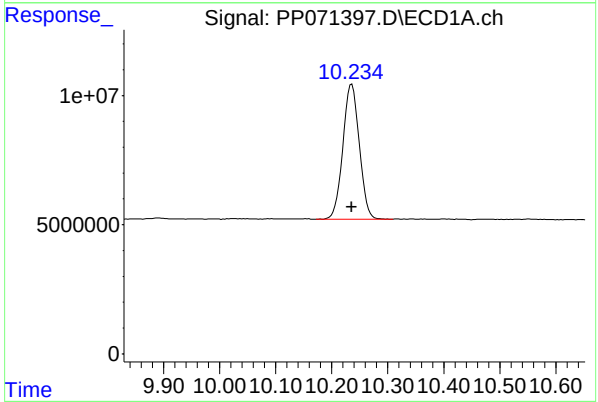
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 144487060
Conc: 74.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



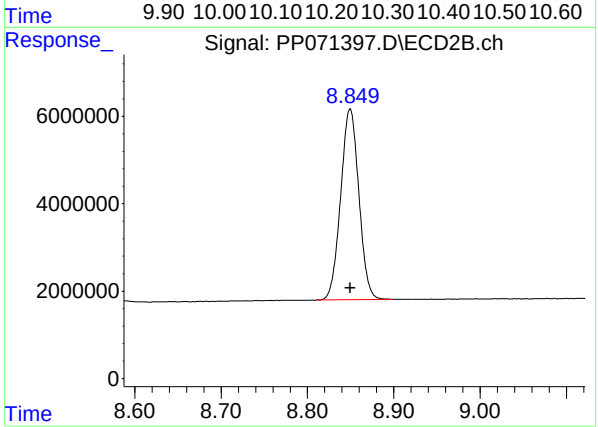
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 99405951
Conc: 72.30 ng/ml



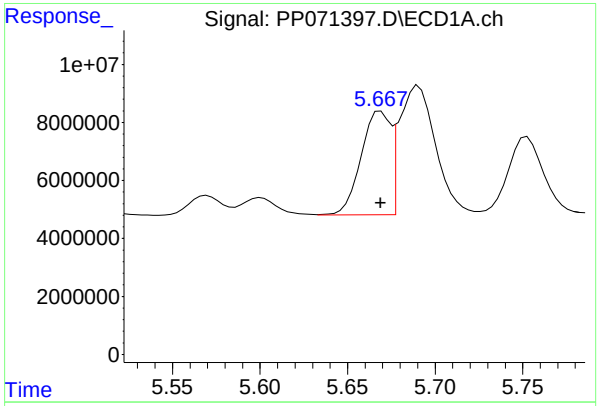
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 106593076
Conc: 74.74 ng/ml



#2 Decachlorobiphenyl

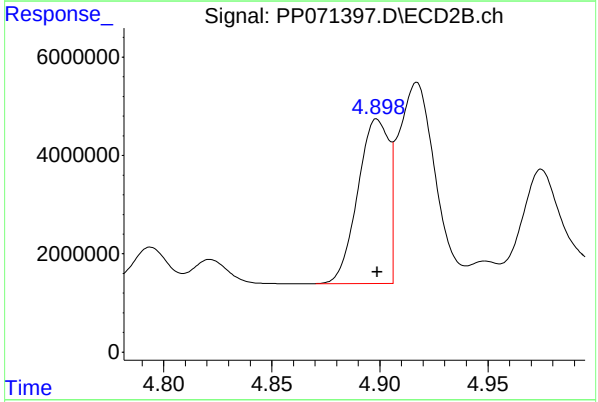
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 63879480
Conc: 74.73 ng/ml



#16 AR-1242-1

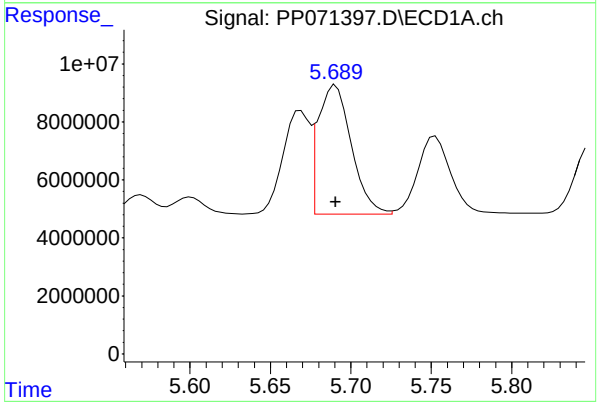
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 41763307
Conc: 745.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



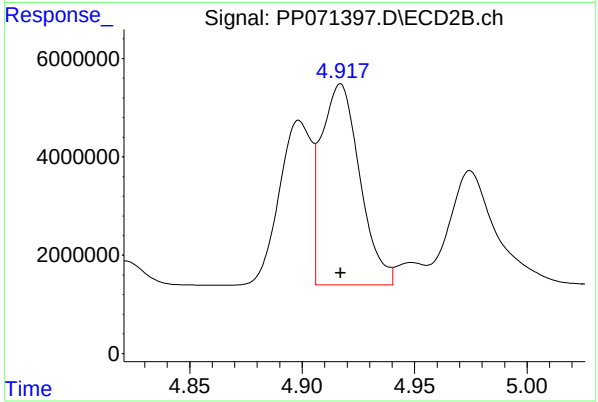
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 33495158
Conc: 742.70 ng/ml



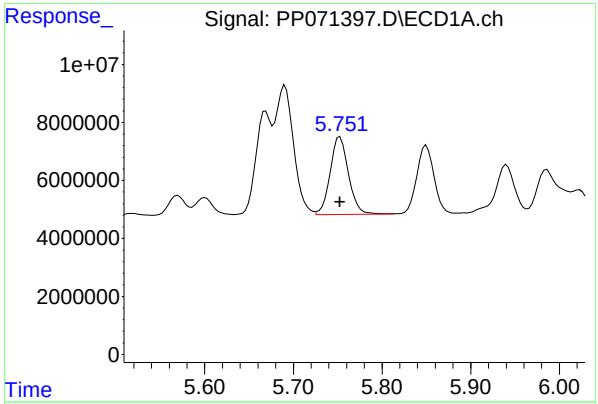
#17 AR-1242-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 64231120
Conc: 747.57 ng/ml



#17 AR-1242-2

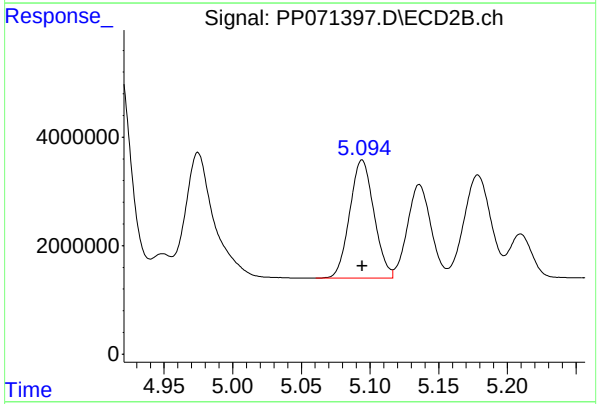
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 48675819
Conc: 746.78 ng/ml



#18 AR-1242-3

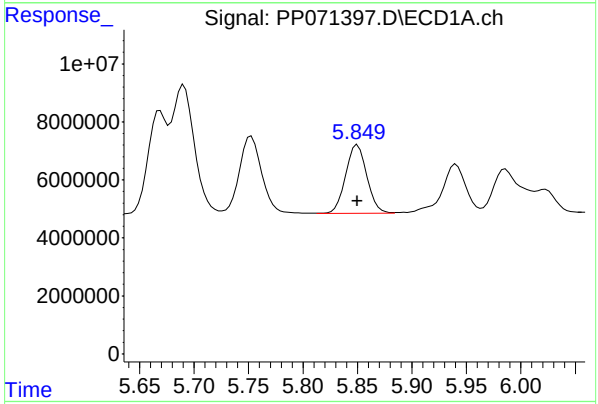
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 38470772
Conc: 749.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



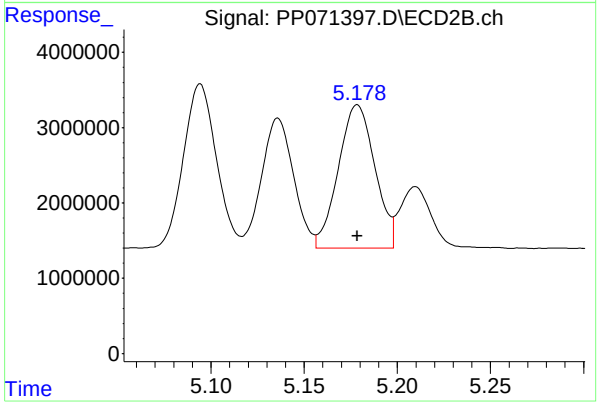
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 26777904
Conc: 738.45 ng/ml



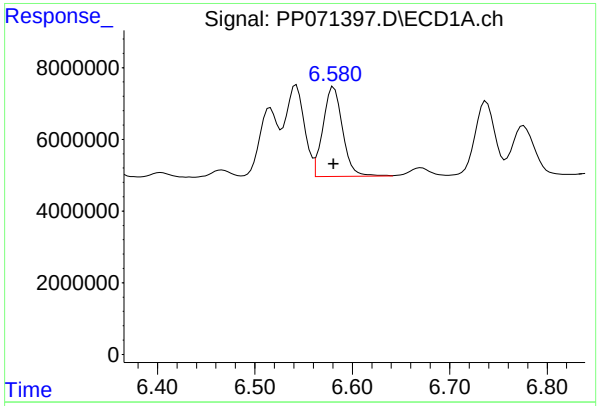
#19 AR-1242-4

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 32141516
Conc: 744.43 ng/ml



#19 AR-1242-4

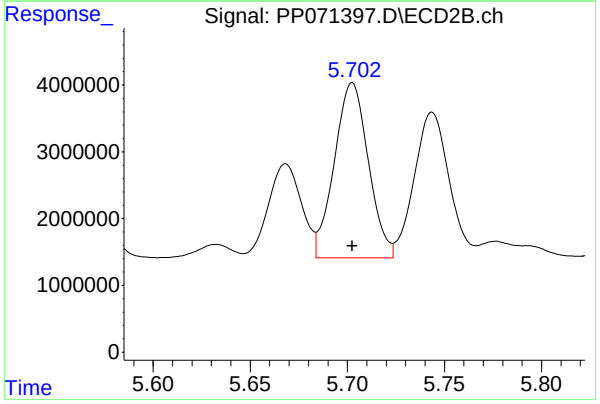
R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 25994749
Conc: 737.61 ng/ml



#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 34794164
Conc: 747.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 32016406
Conc: 745.29 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:56
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:13:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	100.9E6	75193817	50.000	50.000
2)	SA Decachlor...	10.235	8.850	74441902	44850133	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.669	4.898	29247490	23959903	500.000	500.000
17)	L4 AR-1242-2	5.690	4.916	45118235	34147953	500.000	500.000
18)	L4 AR-1242-3	5.752	5.093	26654530	19234787	500.000	500.000
19)	L4 AR-1242-4	5.849	5.178	22517234	18774167	500.000	500.000
20)	L4 AR-1242-5	6.581	5.701	24165350	22485728	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

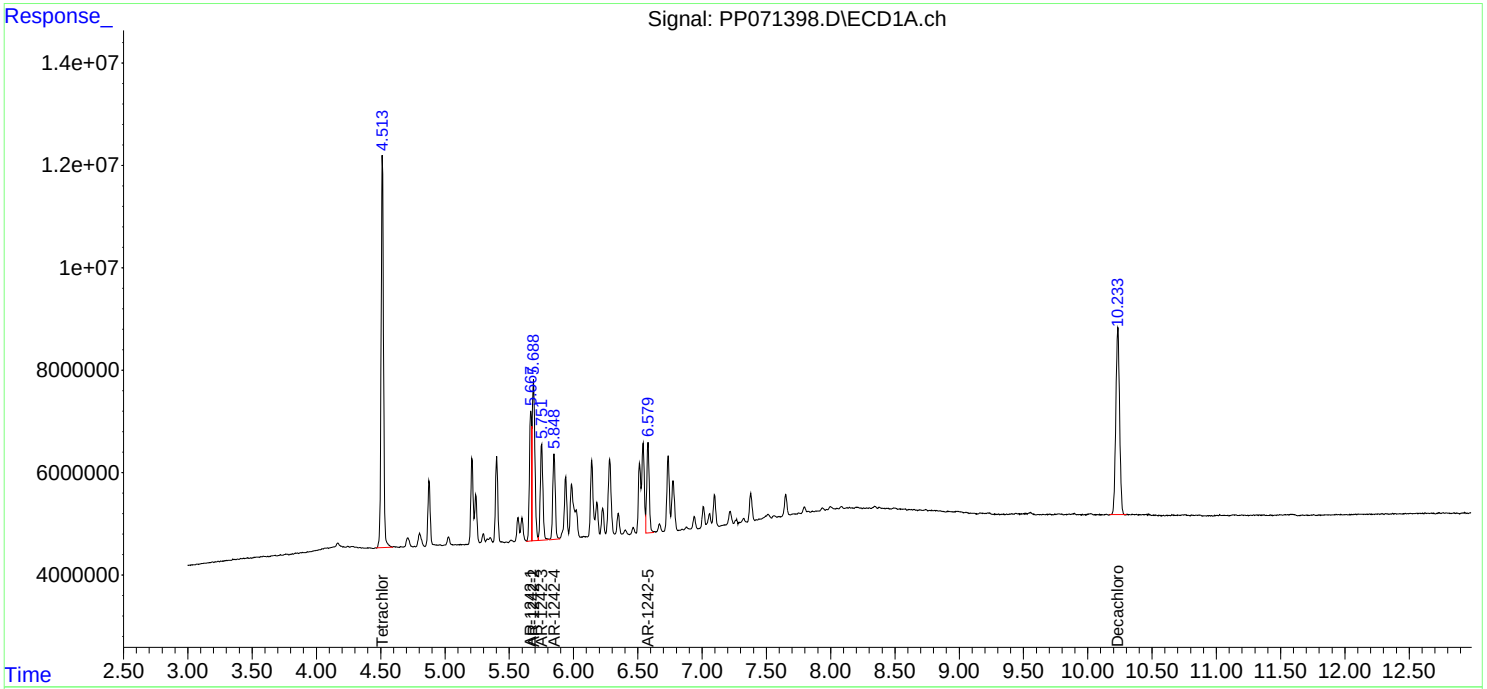
ICAL Form

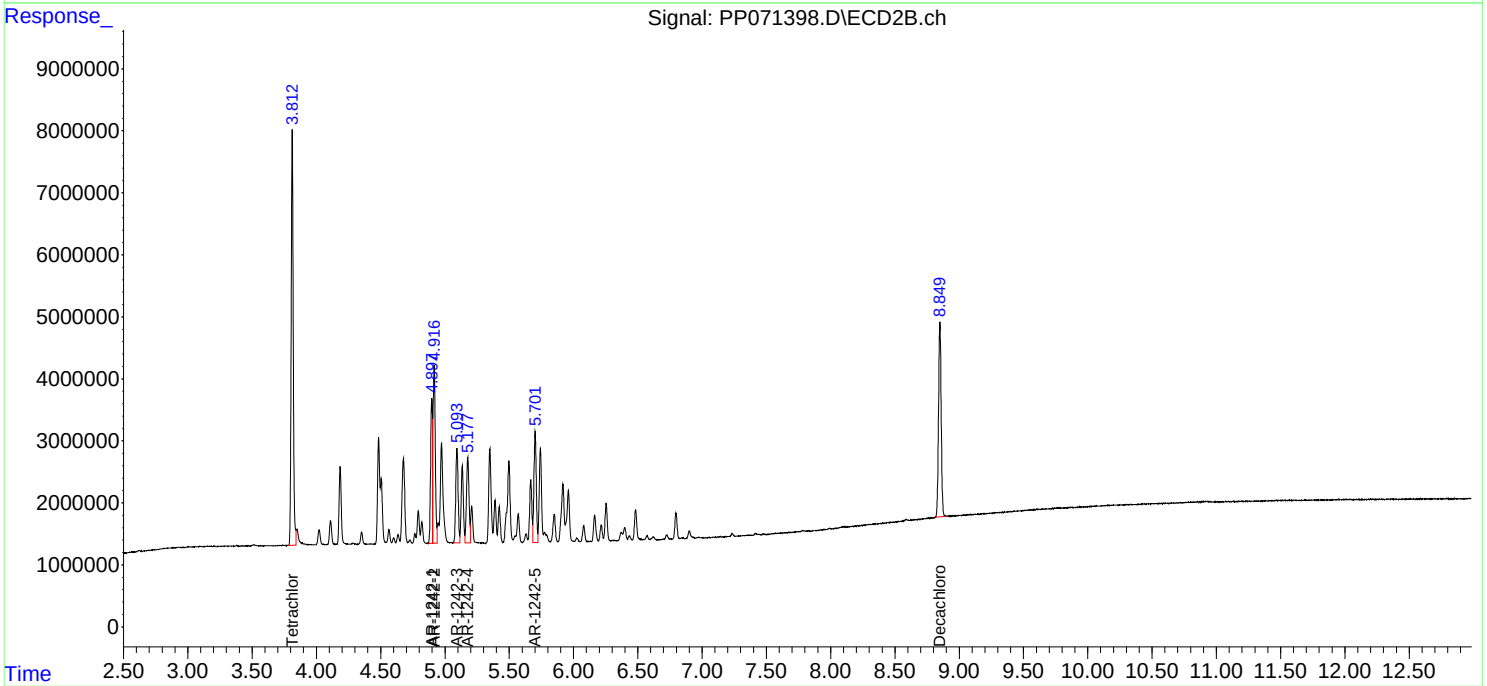
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:56
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

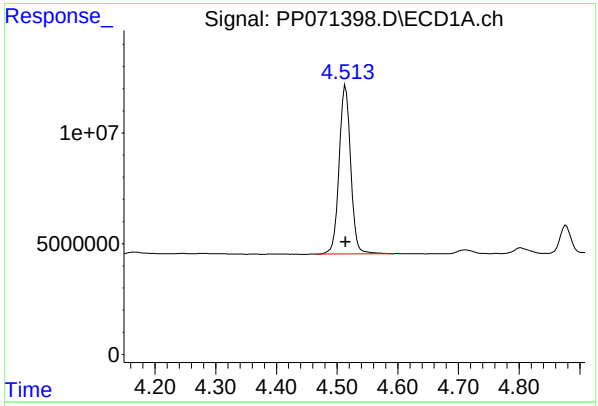
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:13:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



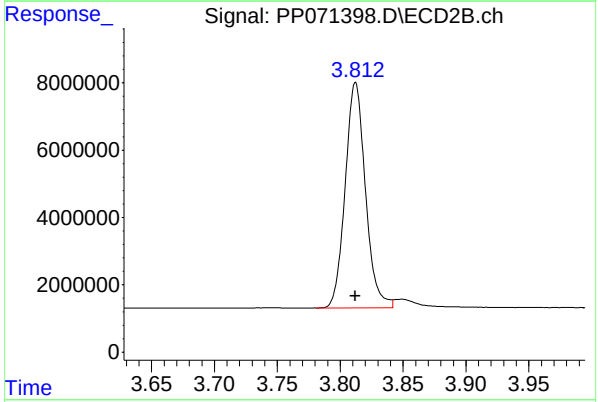




#1 Tetrachloro-m-xylene

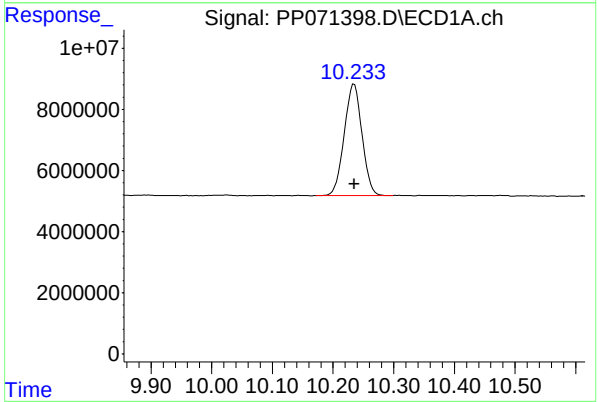
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 100863617
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



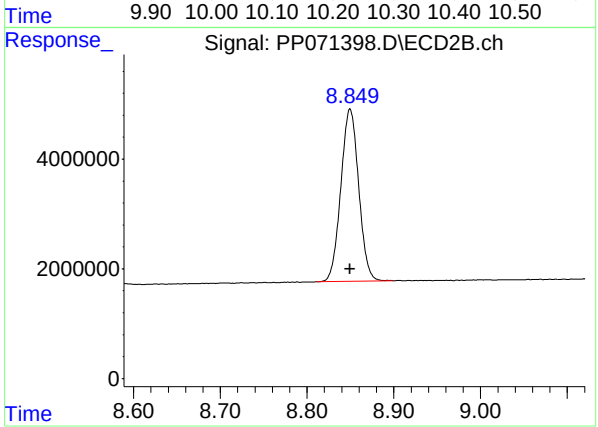
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 75193817
Conc: 50.00 ng/ml



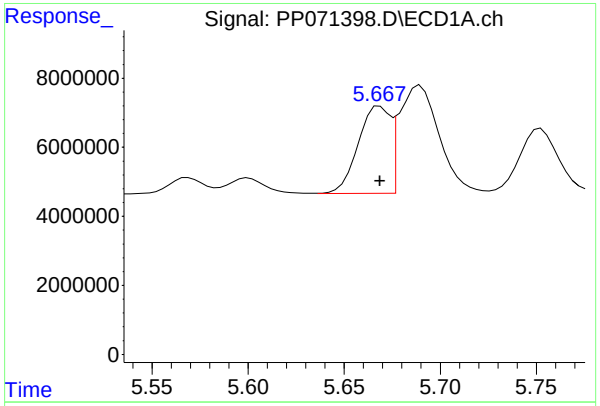
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 74441902
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

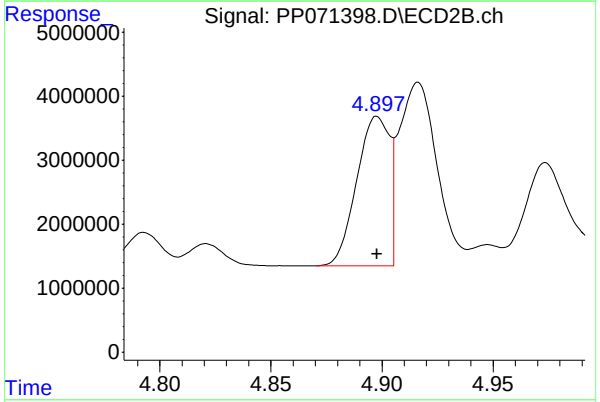
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 44850133
Conc: 50.00 ng/ml



#16 AR-1242-1

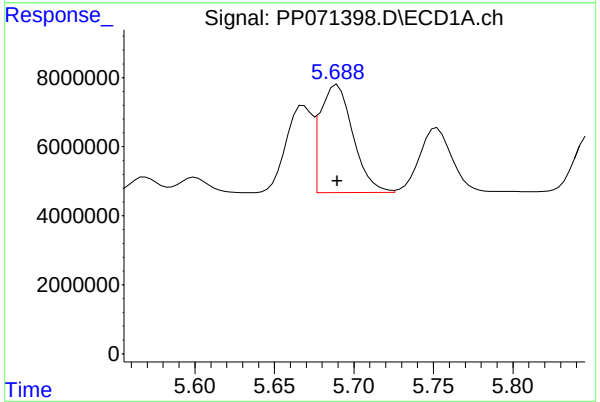
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 29247490
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



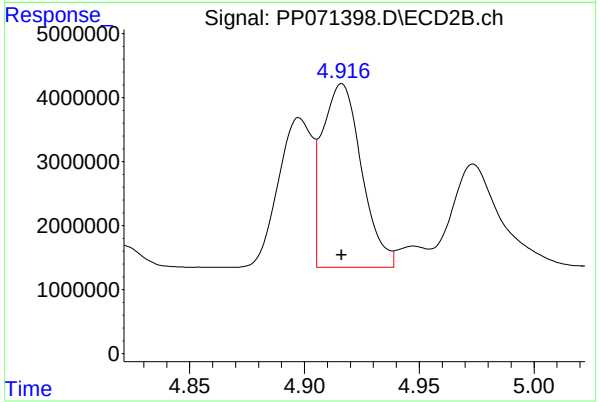
#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 23959903
Conc: 500.00 ng/ml



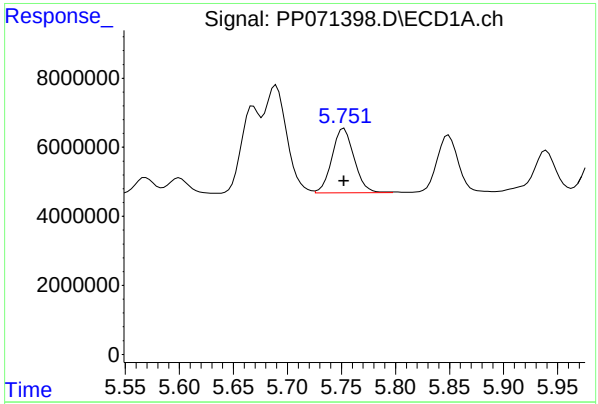
#17 AR-1242-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 45118235
Conc: 500.00 ng/ml



#17 AR-1242-2

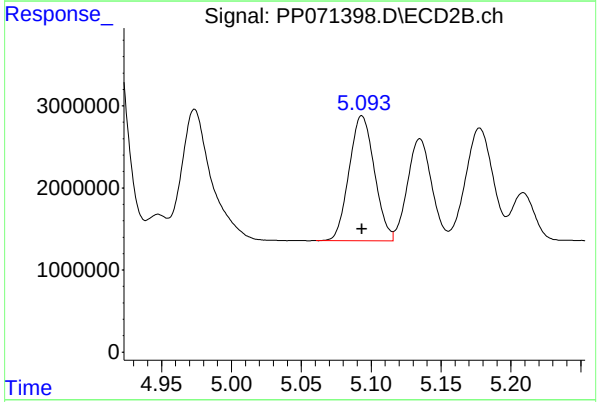
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 34147953
Conc: 500.00 ng/ml



#18 AR-1242-3

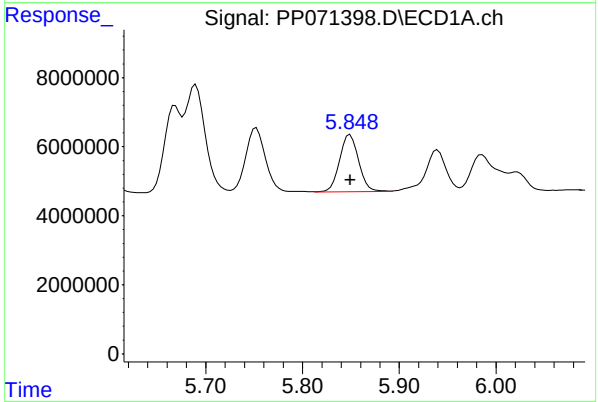
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 26654530
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



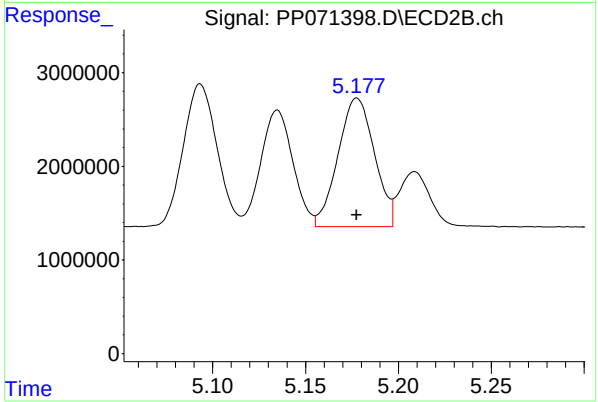
#18 AR-1242-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 19234787
Conc: 500.00 ng/ml



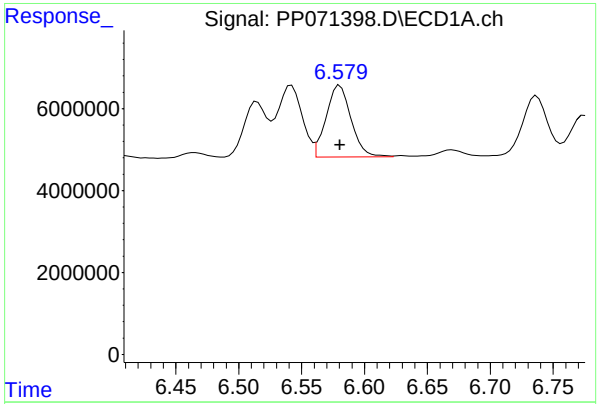
#19 AR-1242-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 22517234
Conc: 500.00 ng/ml



#19 AR-1242-4

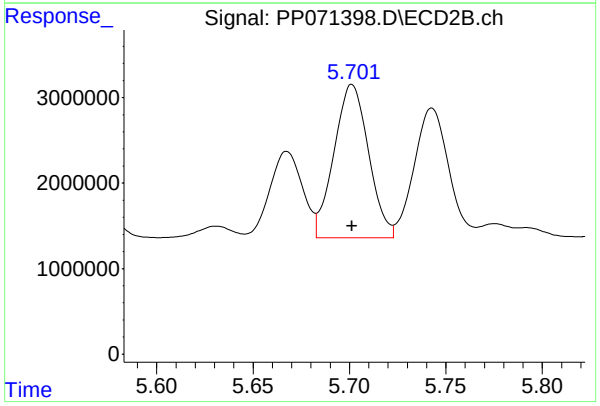
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 18774167
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: 0.000 mi
Response: 24165350
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 22485728
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:12
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:34:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.813	50759754	35812201	25.888	25.778
2)	SA Decachlor...	10.233	8.850	37582587	22937032	26.000	26.351
	Target Compounds						
16)	L4 AR-1242-1	5.668	4.899	14669196	12394168	258.800	268.164
17)	L4 AR-1242-2	5.689	4.917	22436050	17569793	258.254	264.383
18)	L4 AR-1242-3	5.751	5.094	13459217	10184944	259.001	272.457
19)	L4 AR-1242-4	5.849	5.178	11164111	9920754	256.375	272.906
20)	L4 AR-1242-5	6.580	5.702	11989115	11814664	255.584	268.312

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

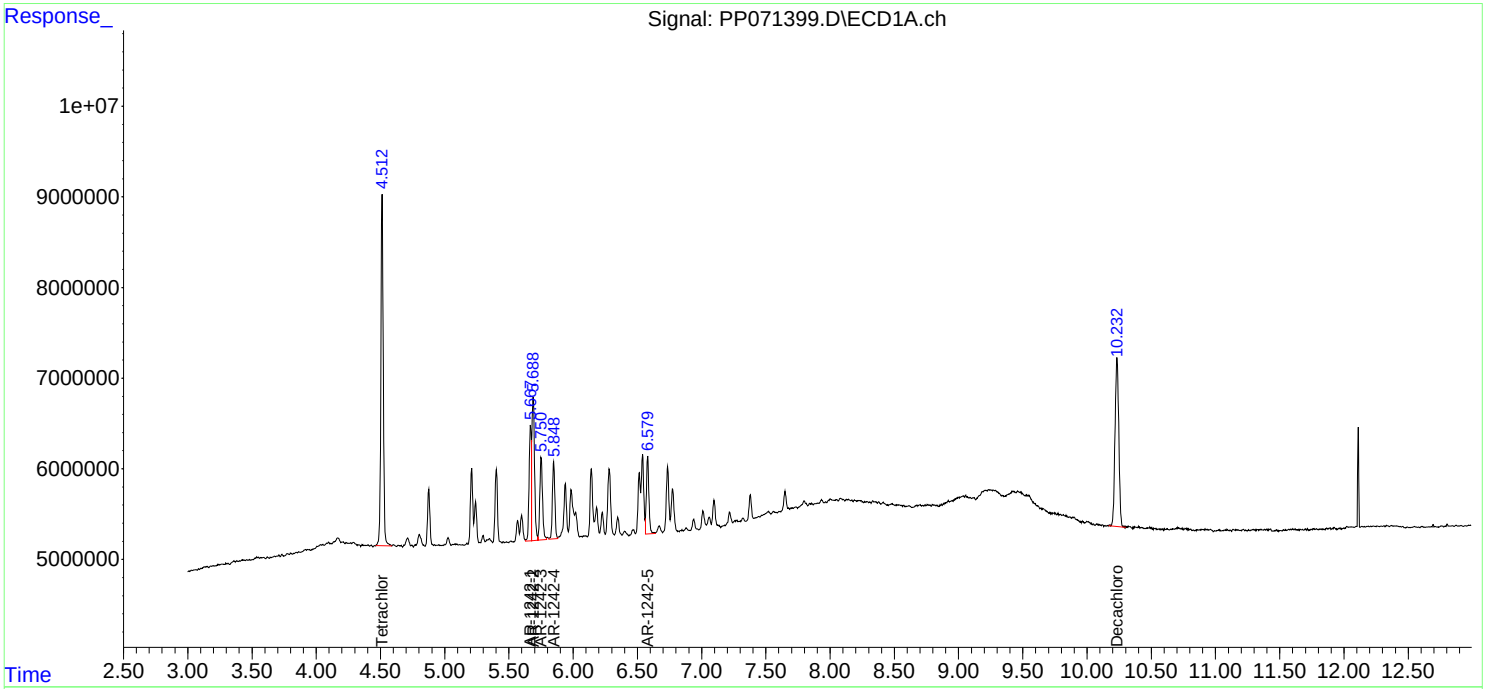
ICAL Form

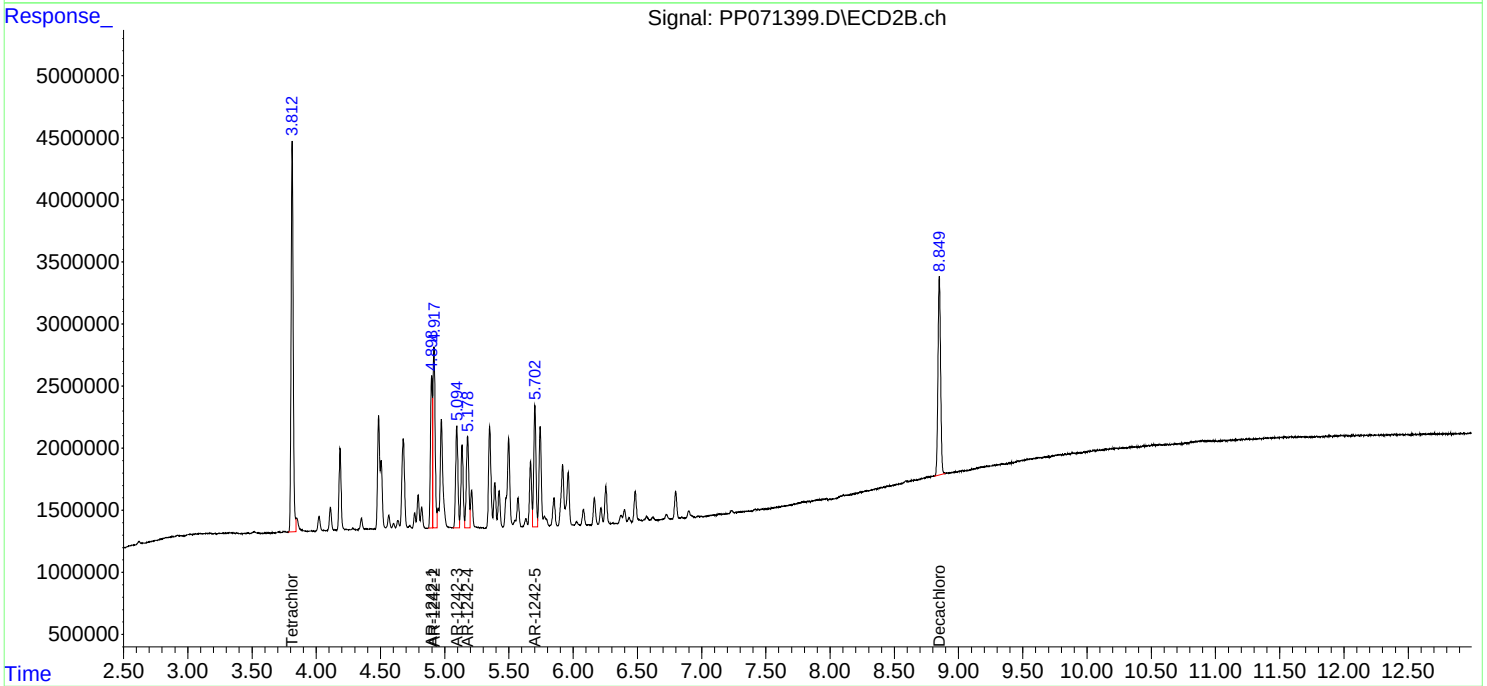
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:12
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

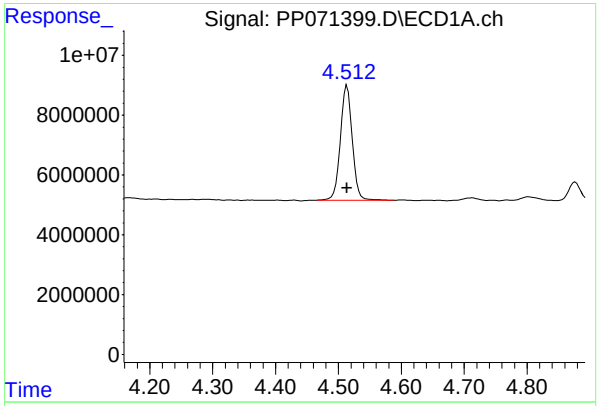
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:34:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



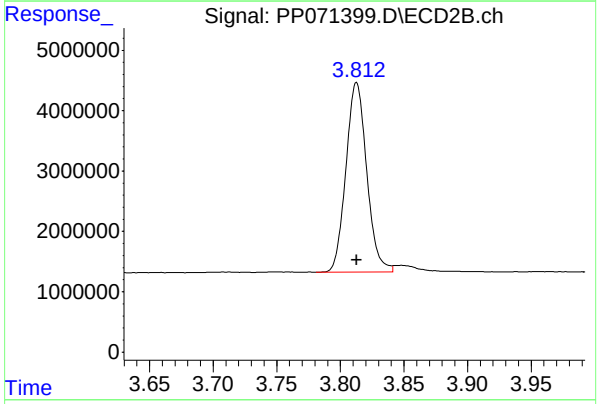




#1 Tetrachloro-m-xylene

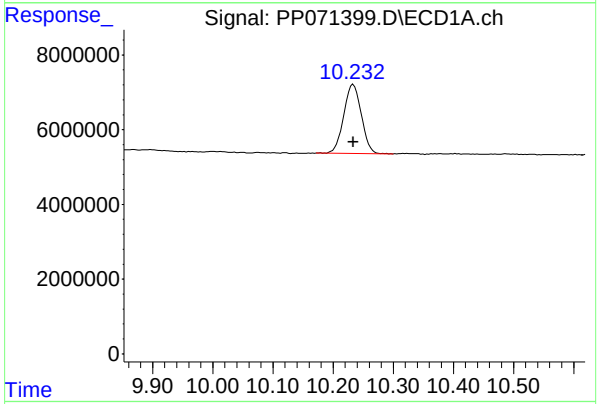
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 50759754
Conc: 25.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



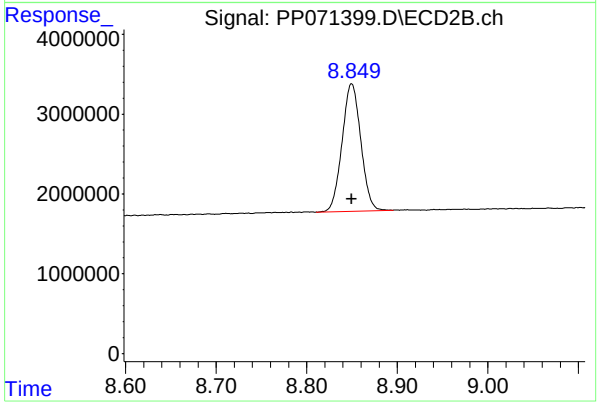
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 35812201
Conc: 25.78 ng/ml



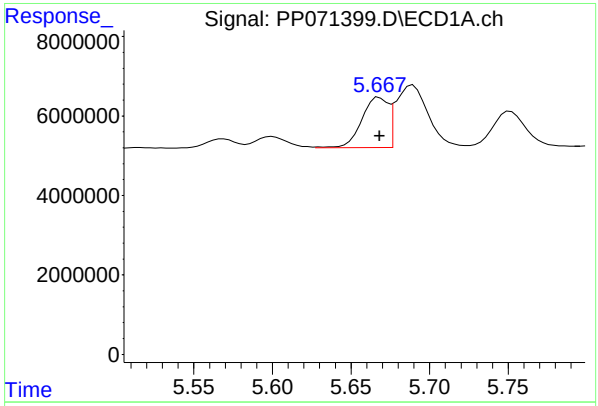
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 37582587
Conc: 26.00 ng/ml



#2 Decachlorobiphenyl

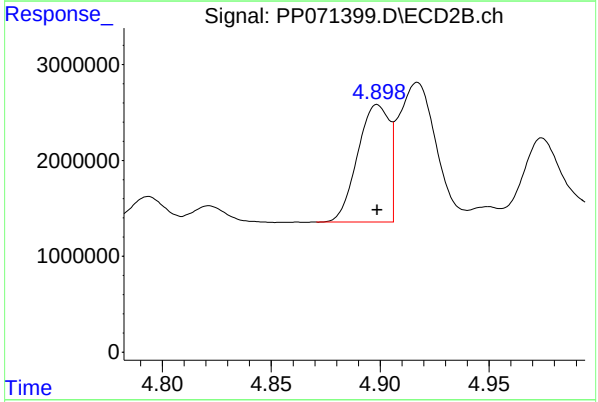
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 22937032
Conc: 26.35 ng/ml



#16 AR-1242-1

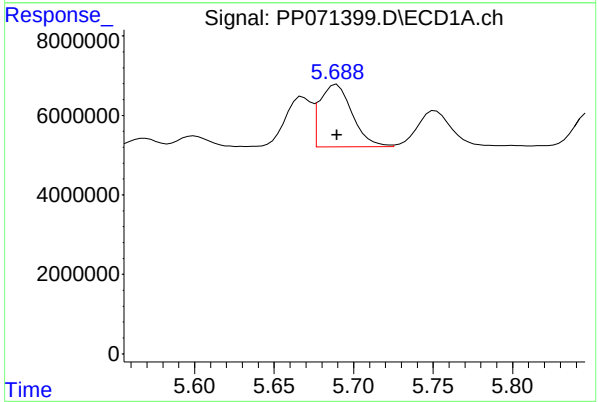
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 14669196
Conc: 258.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



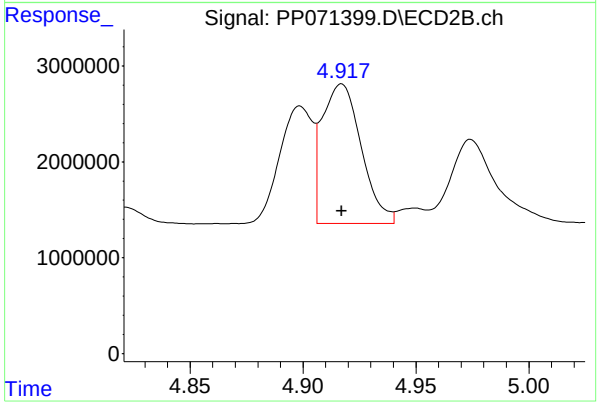
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 12394168
Conc: 268.16 ng/ml



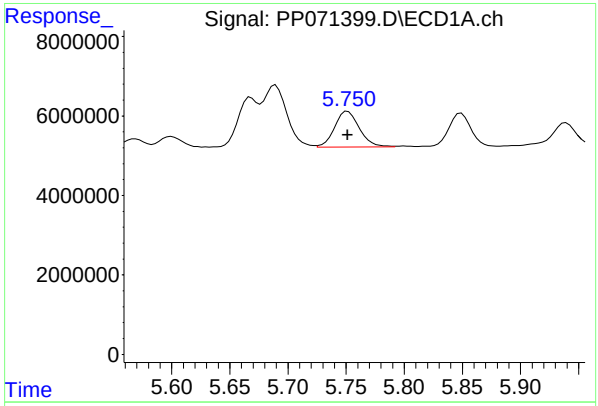
#17 AR-1242-2

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 22436050
Conc: 258.25 ng/ml



#17 AR-1242-2

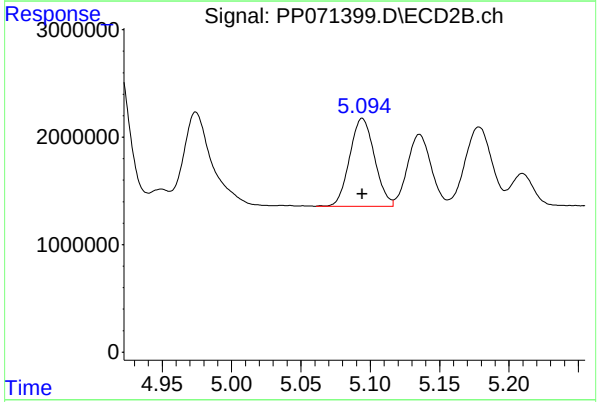
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 17569793
Conc: 264.38 ng/ml



#18 AR-1242-3

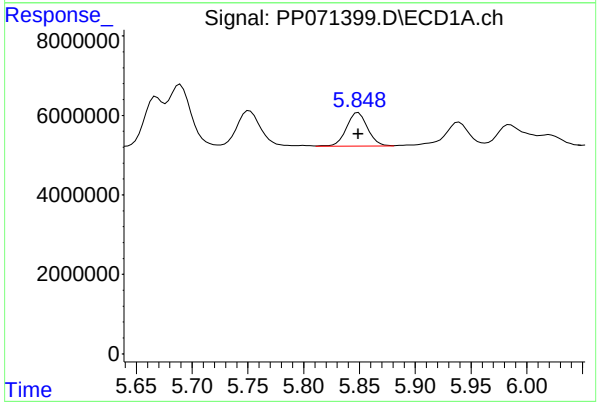
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 13459217
Conc: 259.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



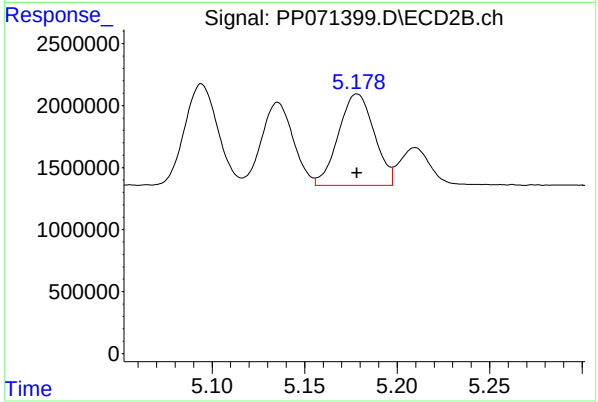
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 10184944
Conc: 272.46 ng/ml



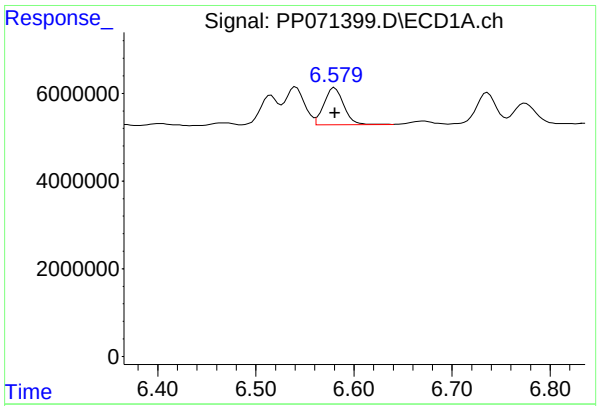
#19 AR-1242-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 11164111
Conc: 256.37 ng/ml



#19 AR-1242-4

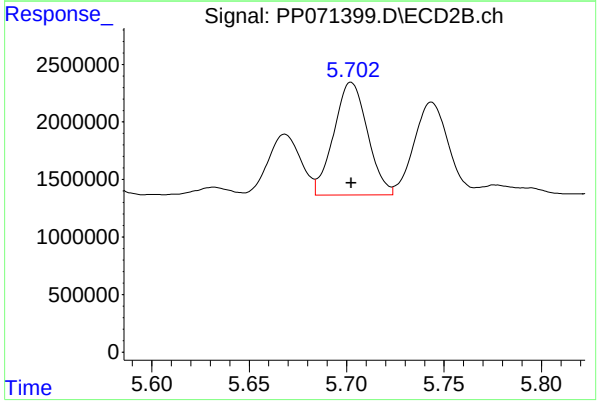
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 9920754
Conc: 272.91 ng/ml



#20 AR-1242-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 11989115
Conc: 255.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 11814664
Conc: 268.31 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:28
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:44:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:44:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.812	8065732	6945226	4.265	4.999
2)	SA Decachlor...	10.237	8.850	5895463	3833854	4.235	4.512
	Target Compounds						
16)	L4 AR-1242-1	5.670	4.899	2356519	2317190	43.025	50.108
17)	L4 AR-1242-2	5.691	4.917	3869967	3214527	45.539	48.688
18)	L4 AR-1242-3	5.754	5.094	2387637	1635706	46.703	44.877
19)	L4 AR-1242-4	5.851	5.179	1842925	1657188	43.662	46.406
20)	L4 AR-1242-5	6.582	5.702	2190873	2070356	47.329	47.586

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

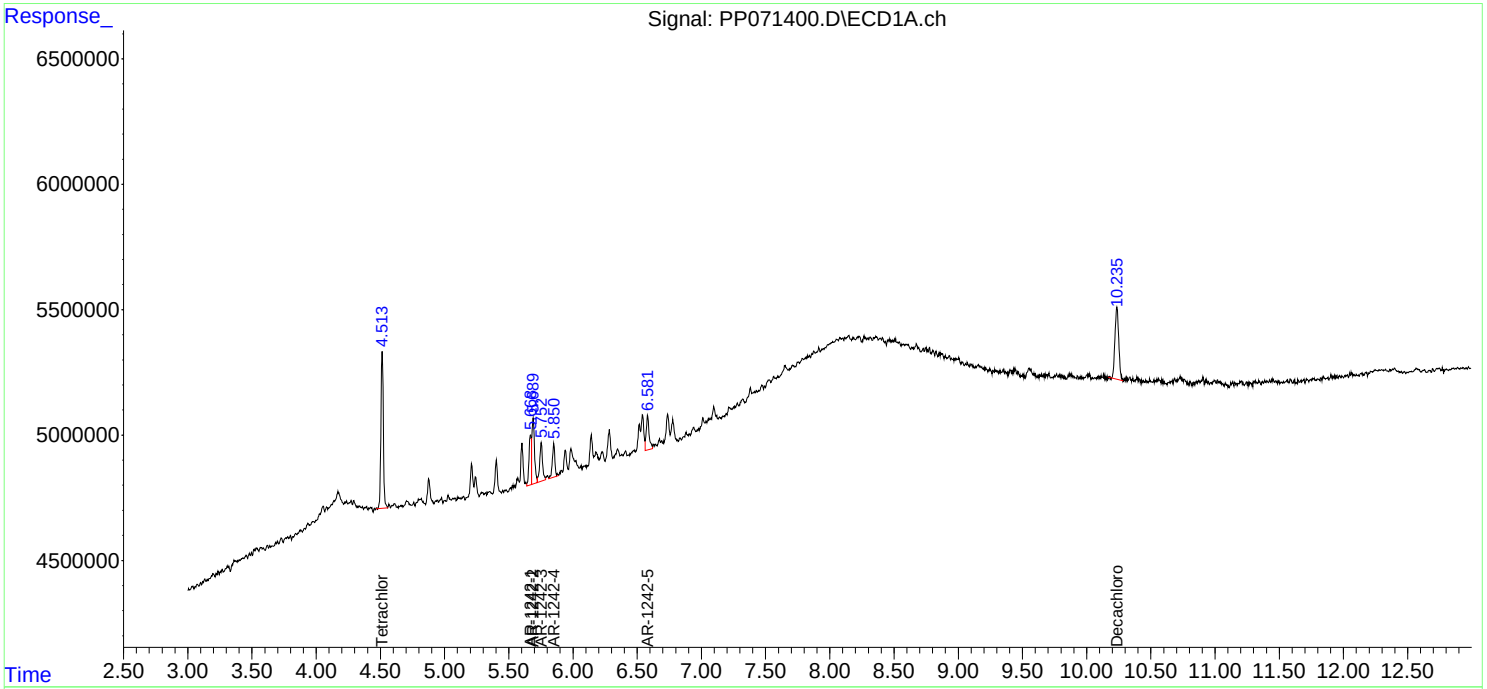
ICAL Form

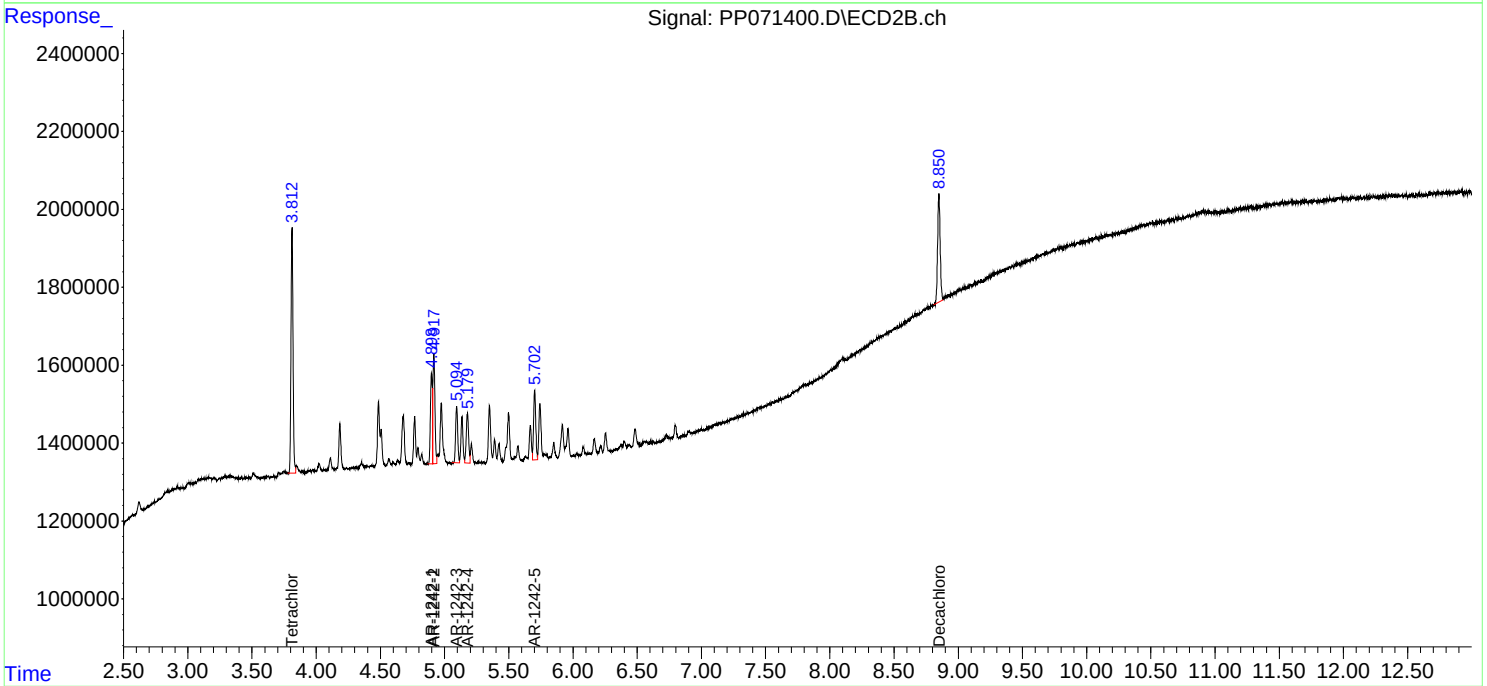
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:28
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

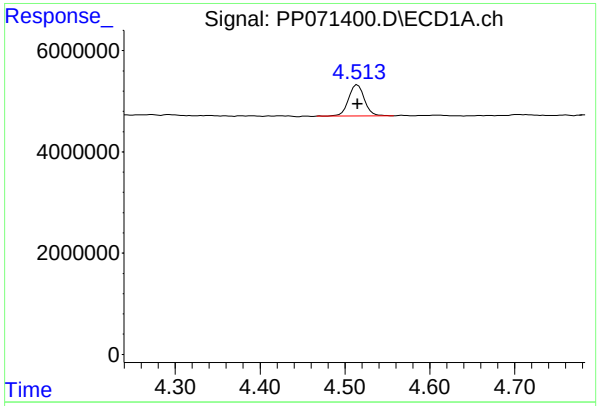
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:44:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:44:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



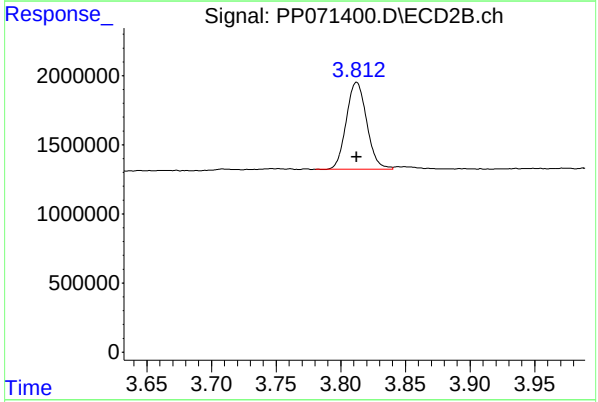




#1 Tetrachloro-m-xylene

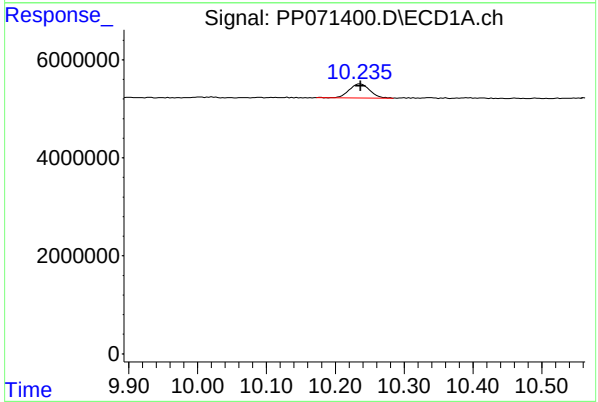
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 8065732
Conc: 4.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



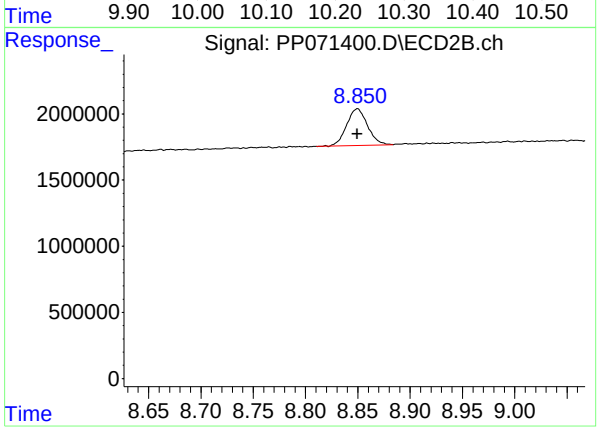
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 6945226
Conc: 5.00 ng/ml



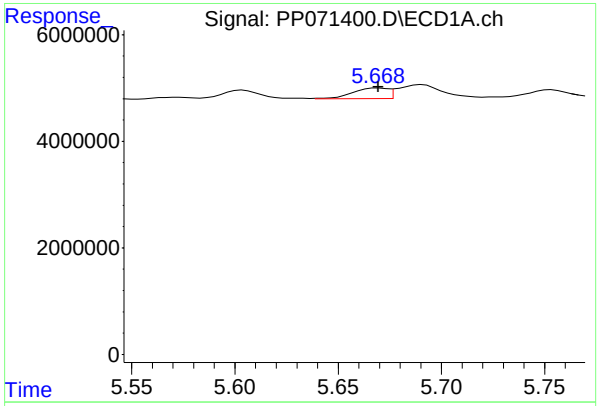
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 5895463
Conc: 4.23 ng/ml



#2 Decachlorobiphenyl

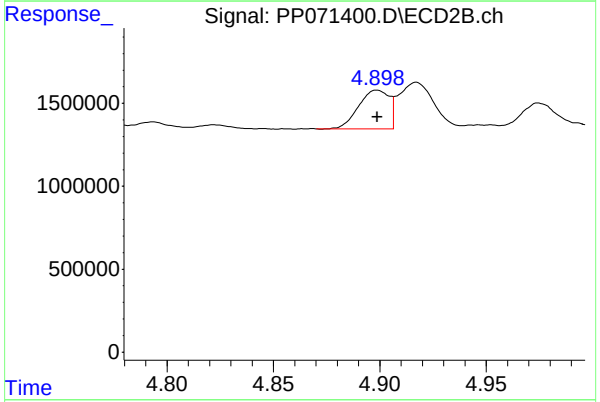
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 3833854
Conc: 4.51 ng/ml



#16 AR-1242-1

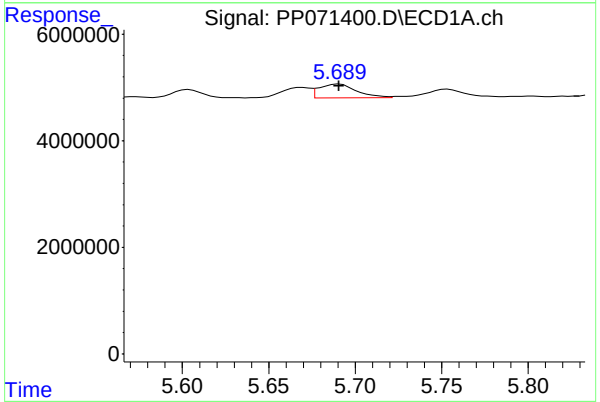
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 2356519
Conc: 43.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



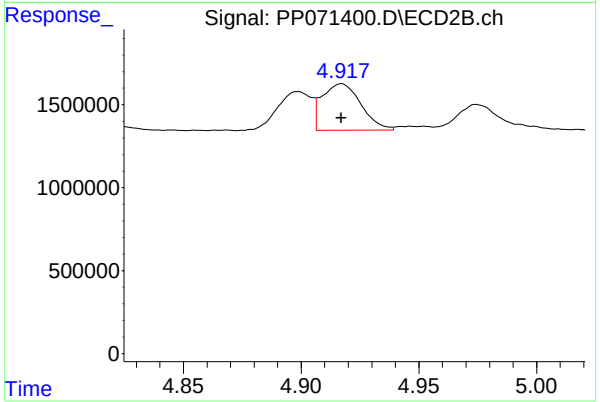
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 2317190
Conc: 50.11 ng/ml



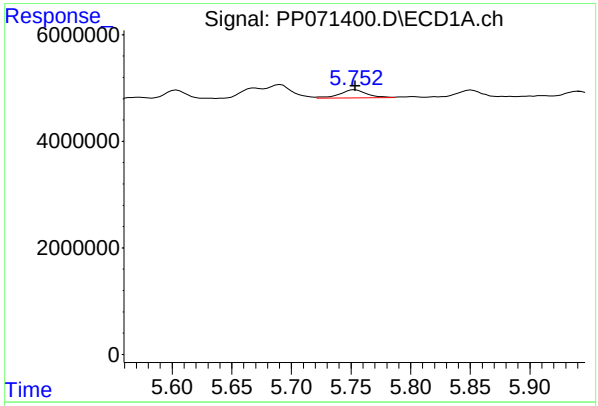
#17 AR-1242-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 3869967
Conc: 45.54 ng/ml



#17 AR-1242-2

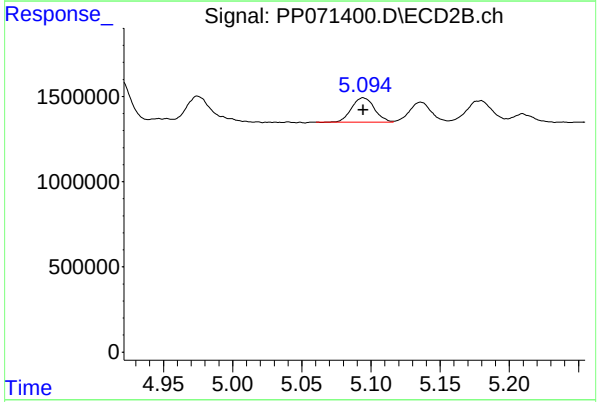
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 3214527
Conc: 48.69 ng/ml



#18 AR-1242-3

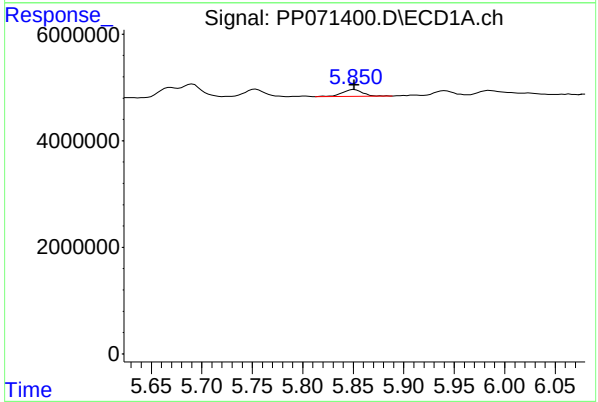
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 2387637
Conc: 46.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



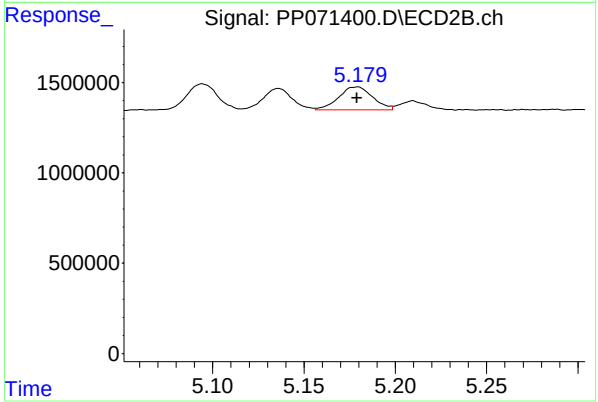
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 1635706
Conc: 44.88 ng/ml



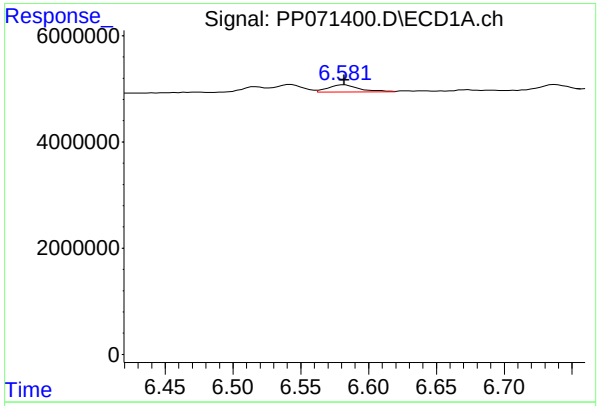
#19 AR-1242-4

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 1842925
Conc: 43.66 ng/ml



#19 AR-1242-4

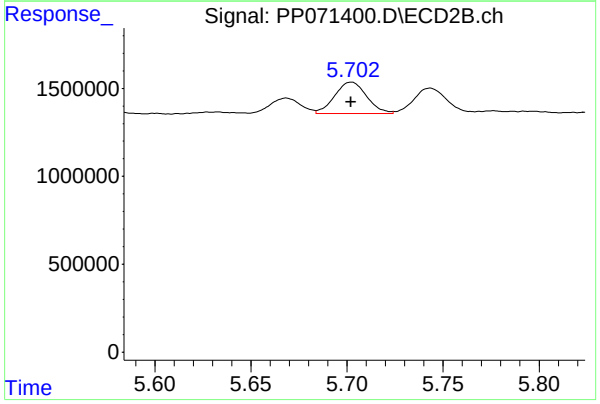
R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 1657188
Conc: 46.41 ng/ml



#20 AR-1242-5

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 2190873
Conc: 47.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 2070356
Conc: 47.59 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:45
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:30:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	187.9E6	132.5E6	97.145	92.221
2)	SA Decachlor...	10.237	8.850	137.9E6	82637510	96.283	95.713
	Target Compounds						
21)	L5 AR-1248-1	5.669	4.898	42447397	30996932	976.497	917.952
22)	L5 AR-1248-2	5.941	5.136	57932834	43624561	965.902	945.881
23)	L5 AR-1248-3	6.144	5.178	65030901	45791659	967.700	948.403
24)	L5 AR-1248-4	6.543	5.350	80777360	53871444	963.427	957.270
25)	L5 AR-1248-5	6.582	5.743	76029464	52150607	969.727	950.272

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

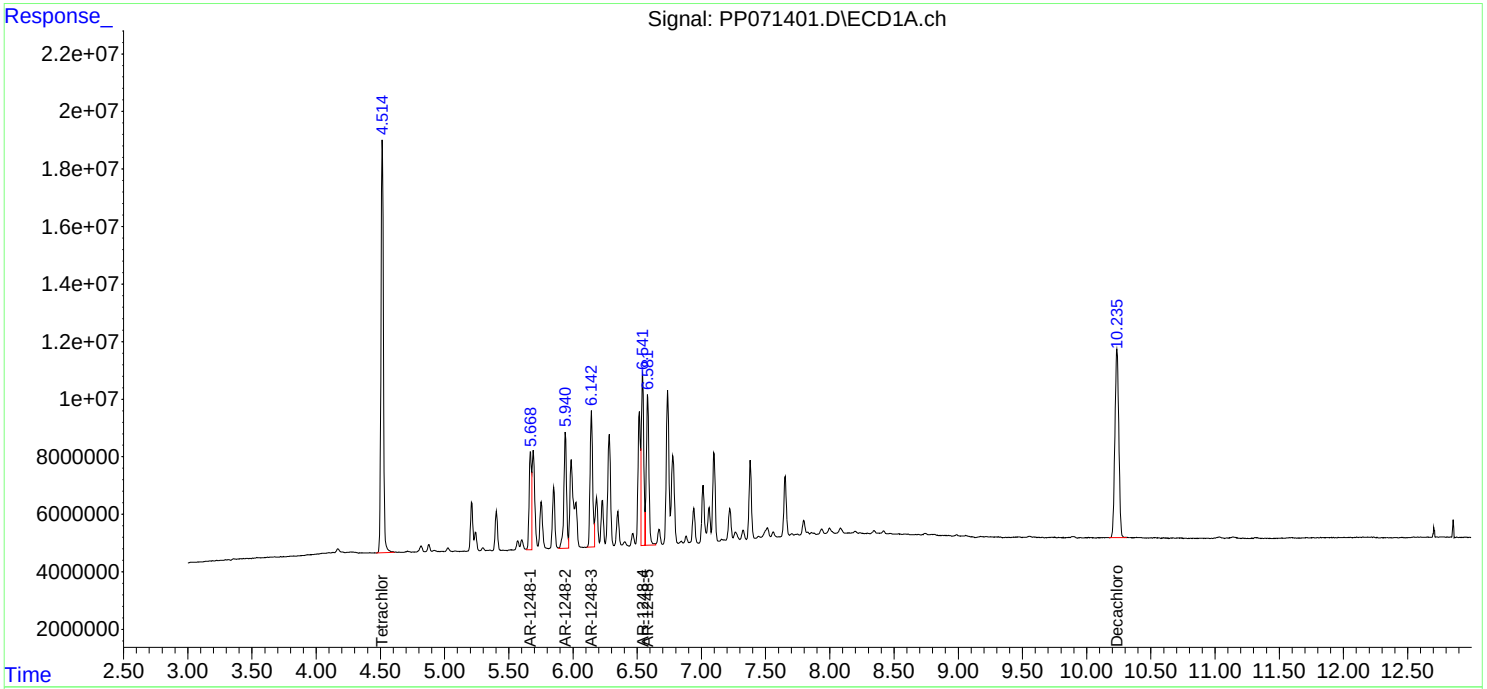
ICAL Form

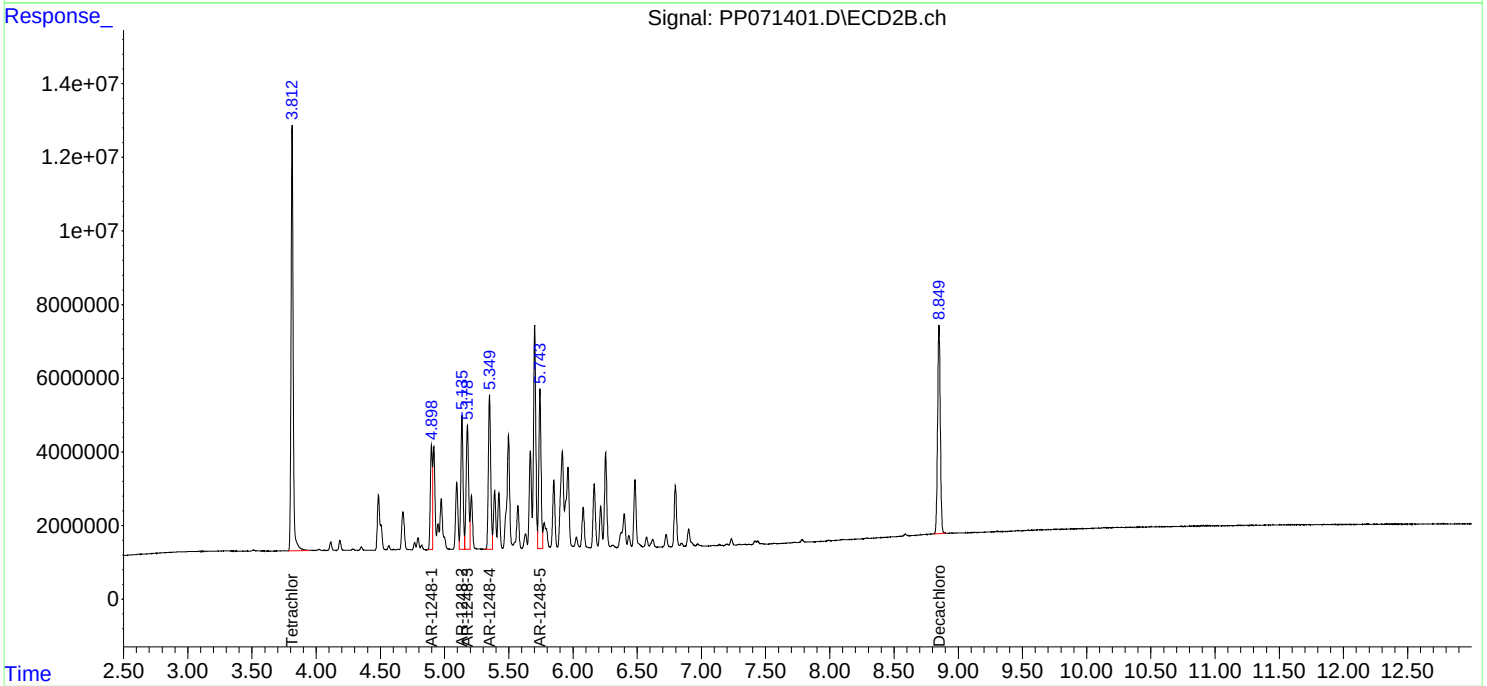
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:45
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

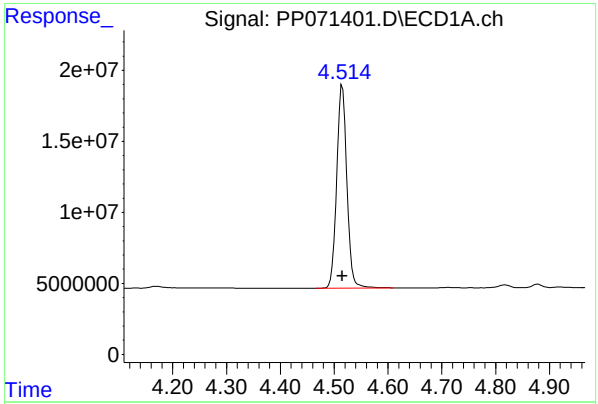
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:30:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



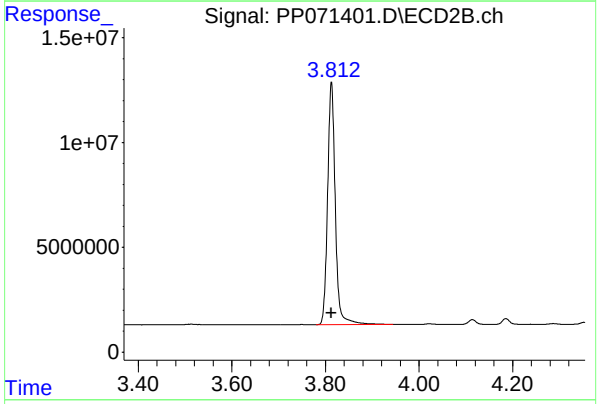




#1 Tetrachloro-m-xylene

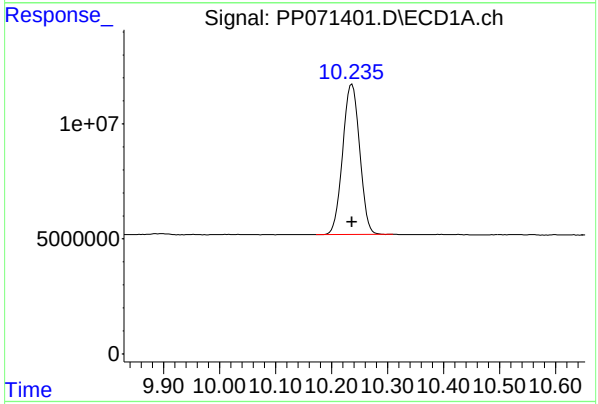
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 187919144
Conc: 97.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



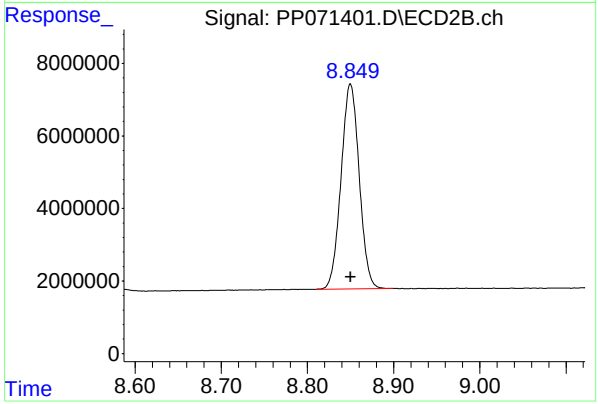
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 132471223
Conc: 92.22 ng/ml



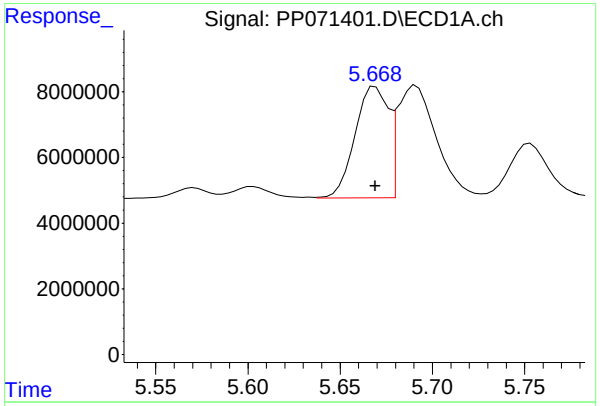
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 137913077
Conc: 96.28 ng/ml



#2 Decachlorobiphenyl

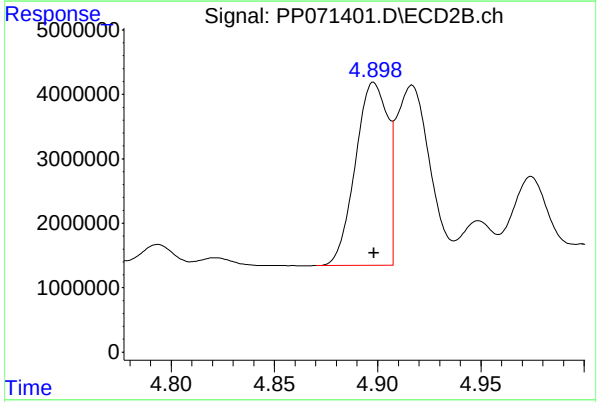
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 82637510
Conc: 95.71 ng/ml



#21 AR-1248-1

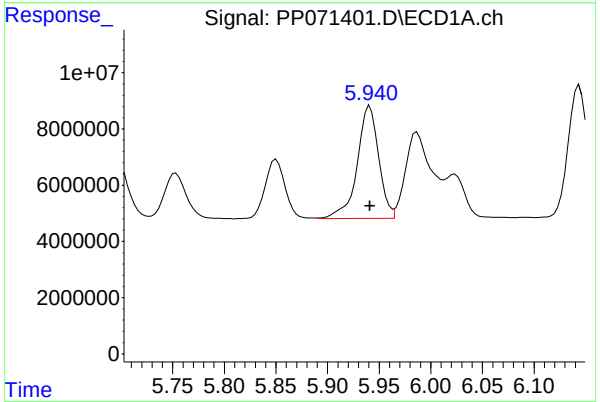
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 42447397
Conc: 976.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



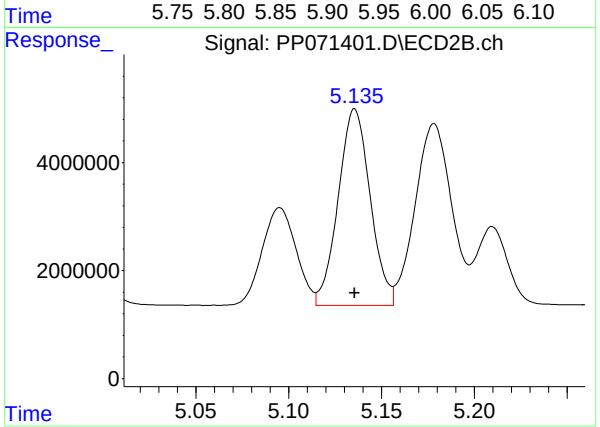
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 30996932
Conc: 917.95 ng/ml



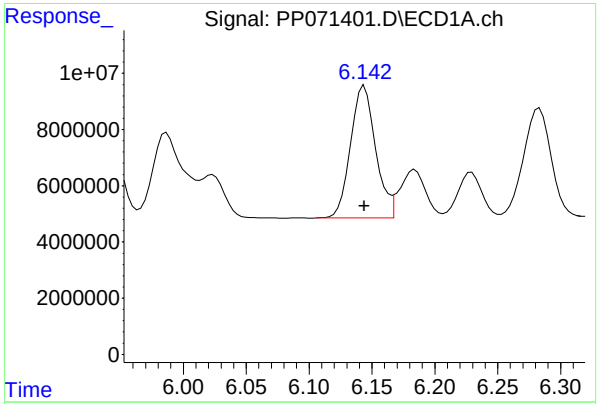
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 57932834
Conc: 965.90 ng/ml



#22 AR-1248-2

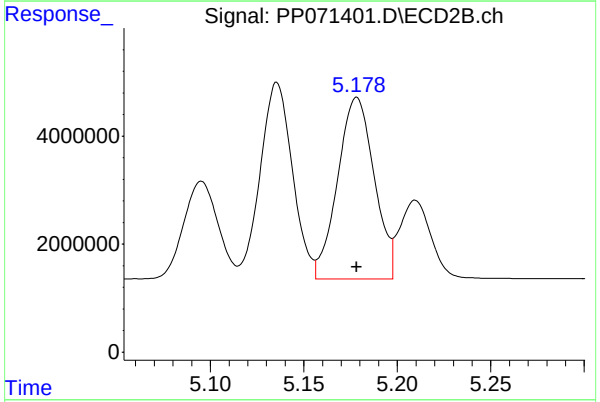
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 43624561
Conc: 945.88 ng/ml



#23 AR-1248-3

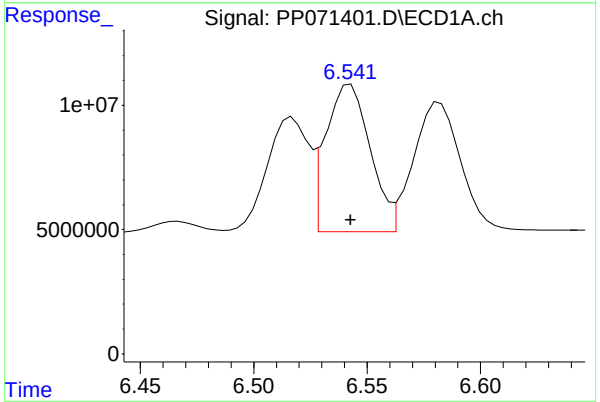
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 65030901
Conc: 967.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



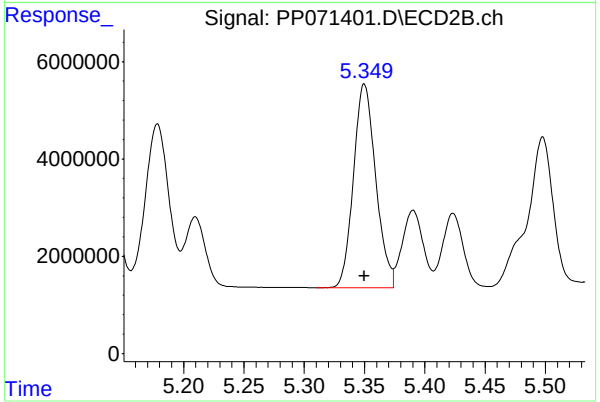
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 45791659
Conc: 948.40 ng/ml



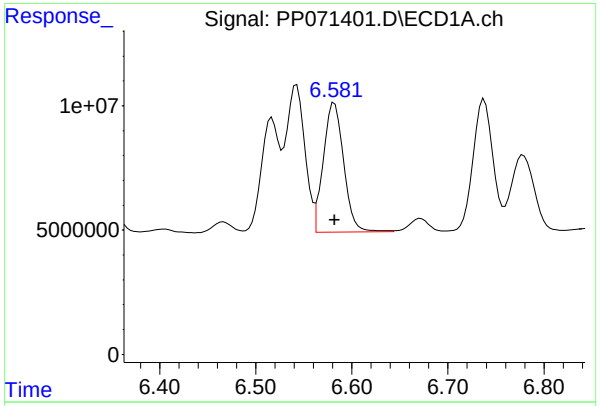
#24 AR-1248-4

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 80777360
Conc: 963.43 ng/ml



#24 AR-1248-4

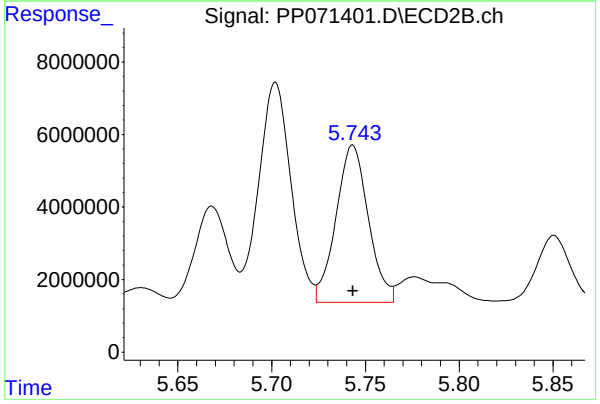
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 53871444
Conc: 957.27 ng/ml



#25 AR-1248-5

R.T.: 6.582 min
Delta R.T.: 0.000 mi
Response: 76029464
Conc: 969.73 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 52150607
Conc: 950.27 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:01
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:33:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.516	3.813	144.4E6	113.6E6	74.770	77.657
2) SA	Decachlor...	10.238	8.850	108.0E6	64556701	75.275	74.847
	Target Compounds						
21) L5	AR-1248-1	5.670	4.898	32527847	26959361	748.865	781.576
22) L5	AR-1248-2	5.941	5.135	45161422	35482042	751.976	762.779
23) L5	AR-1248-3	6.144	5.177	51040114	37424945	756.312	766.560
24) L5	AR-1248-4	6.543	5.350	63330814	43921936	753.553	770.043
25) L5	AR-1248-5	6.583	5.743	58877047	42217581	750.636	762.741

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

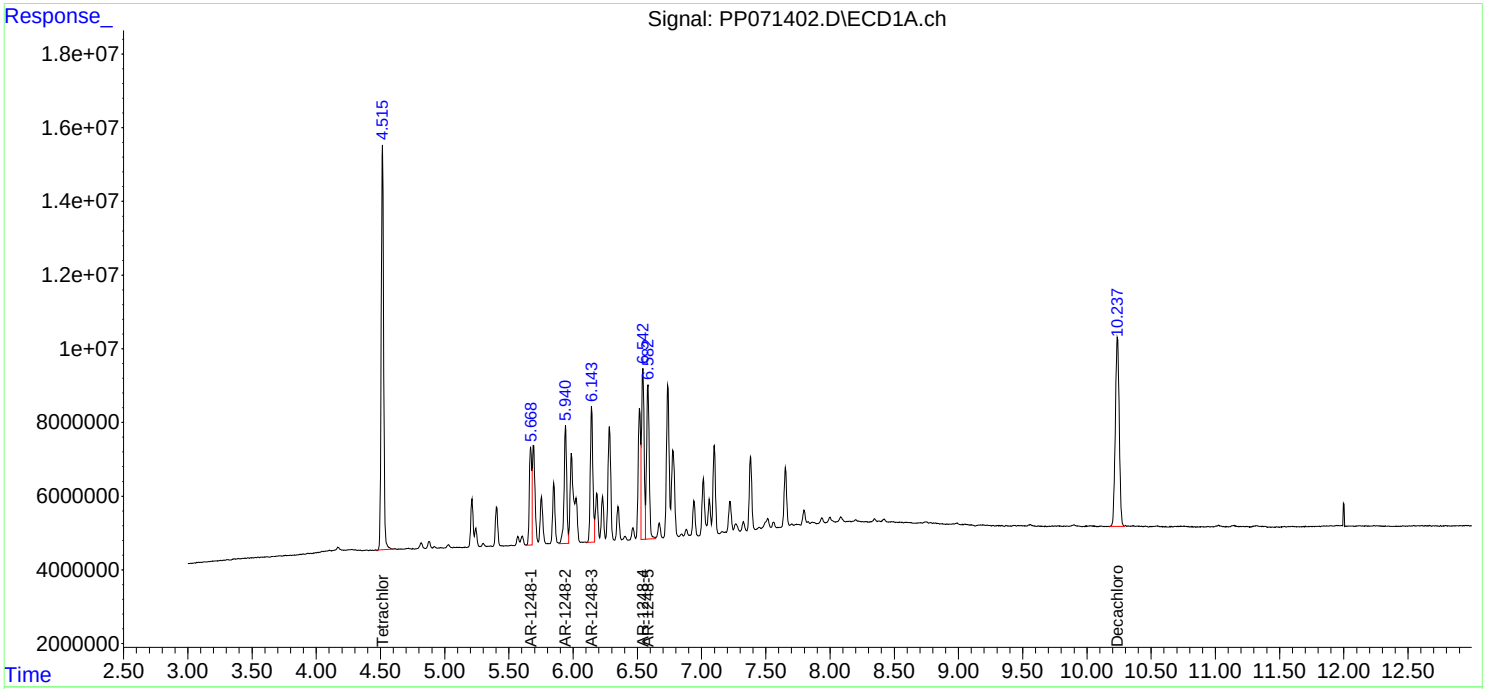
ICAL Form

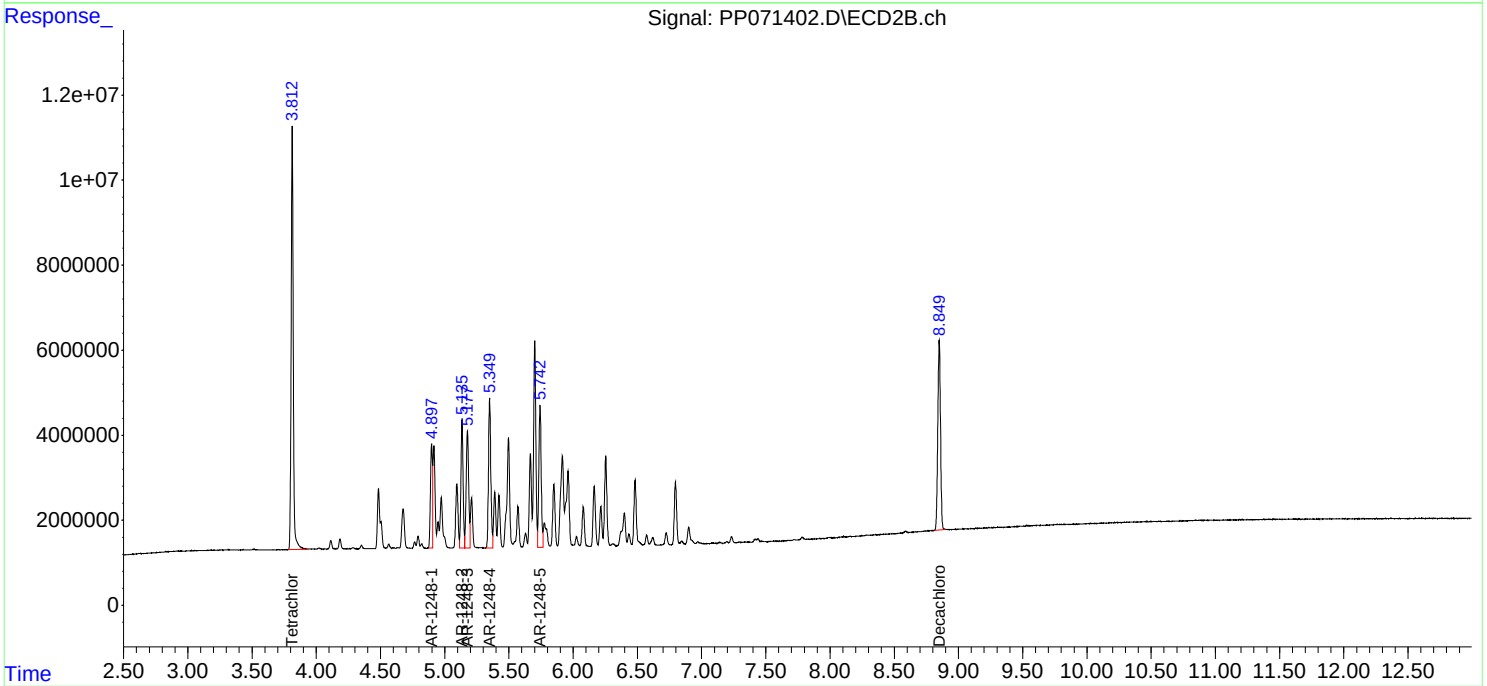
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:01
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

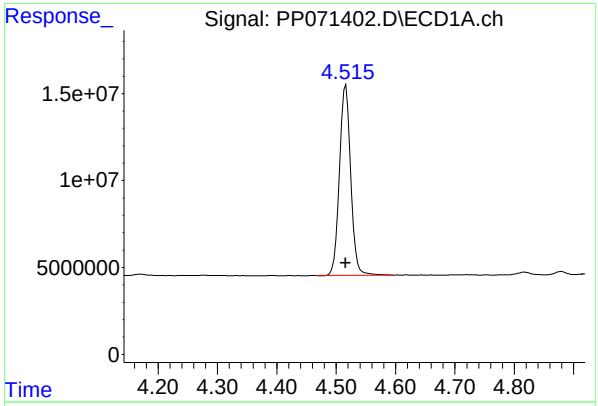
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:33:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



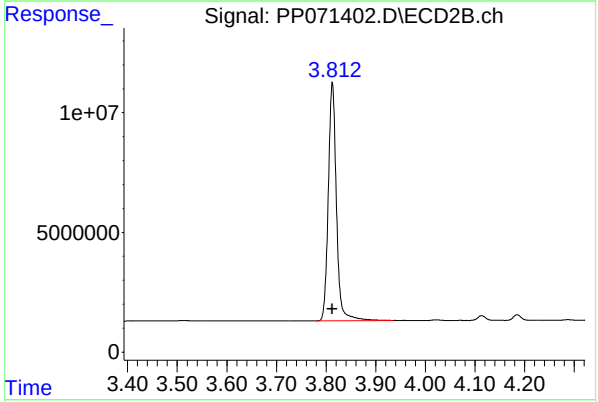




#1 Tetrachloro-m-xylene

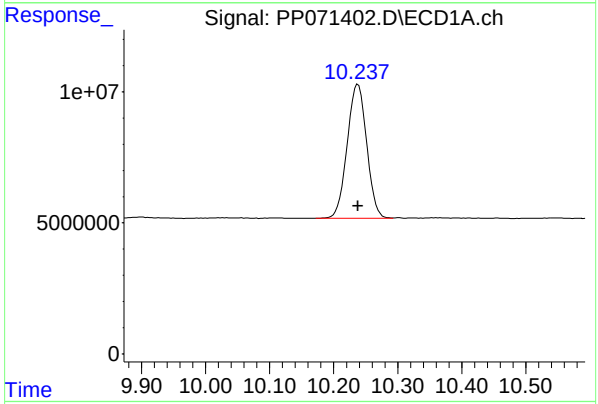
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 144413867
Conc: 74.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



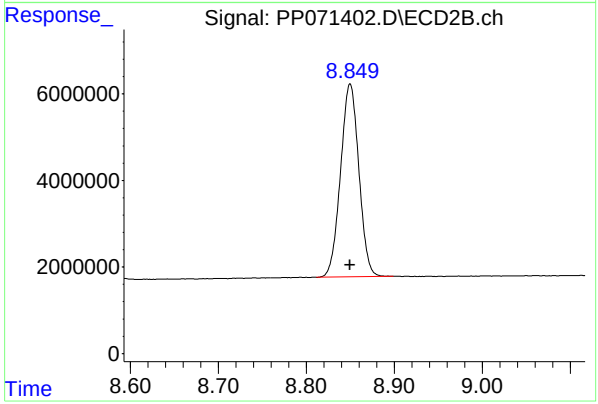
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 113561766
Conc: 77.66 ng/ml



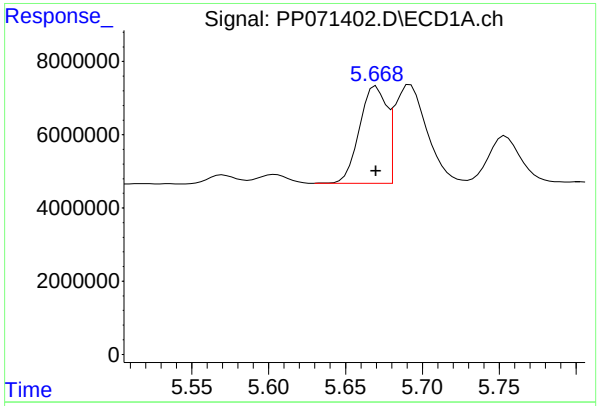
#2 Decachlorobiphenyl

R.T.: 10.238 min
Delta R.T.: 0.000 min
Response: 108020118
Conc: 75.28 ng/ml



#2 Decachlorobiphenyl

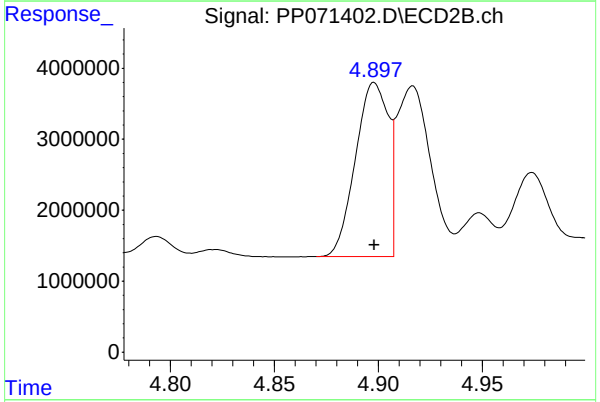
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 64556701
Conc: 74.85 ng/ml



#21 AR-1248-1

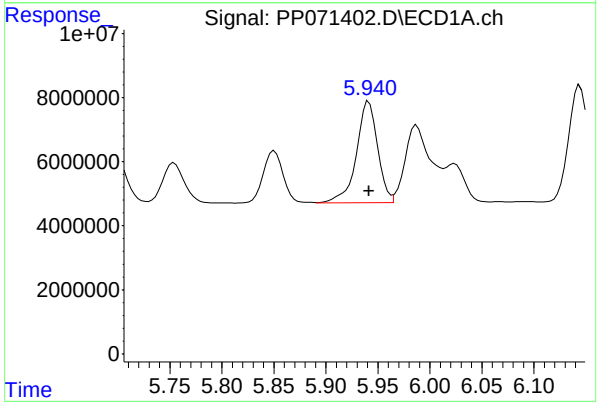
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 32527847
Conc: 748.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



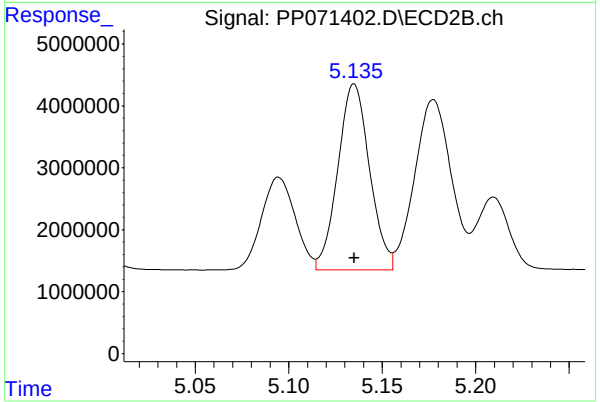
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 26959361
Conc: 781.58 ng/ml



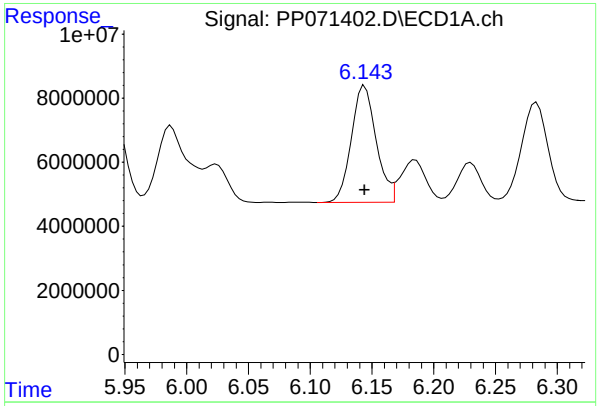
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 45161422
Conc: 751.98 ng/ml



#22 AR-1248-2

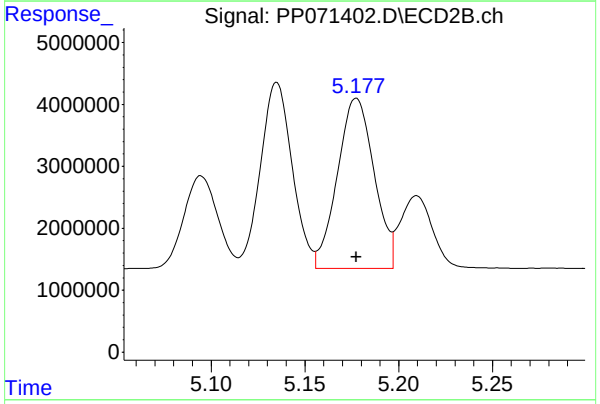
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 35482042
Conc: 762.78 ng/ml



#23 AR-1248-3

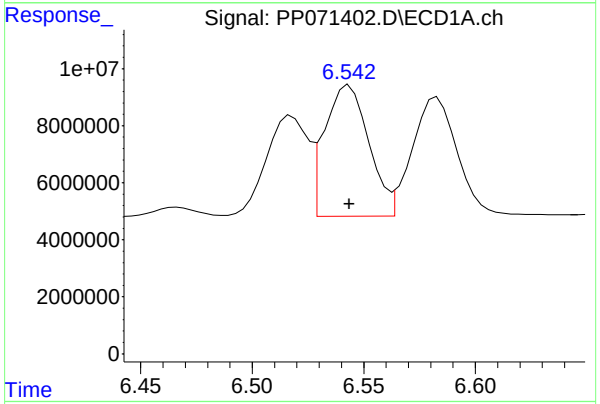
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 51040114
Conc: 756.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



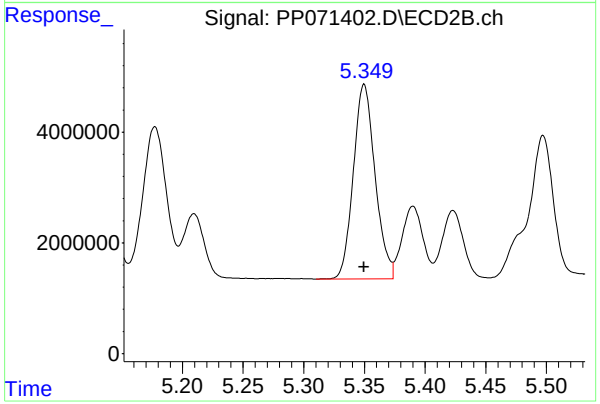
#23 AR-1248-3

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 37424945
Conc: 766.56 ng/ml



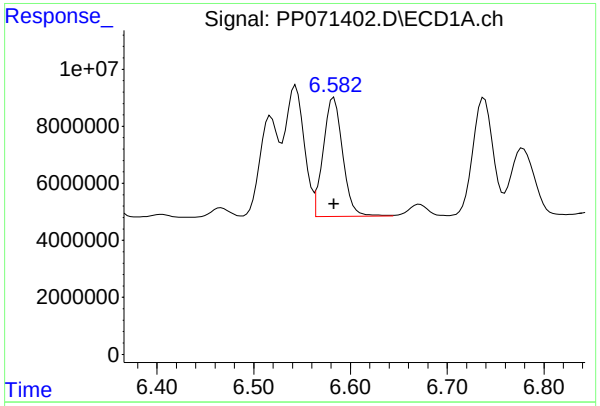
#24 AR-1248-4

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 63330814
Conc: 753.55 ng/ml



#24 AR-1248-4

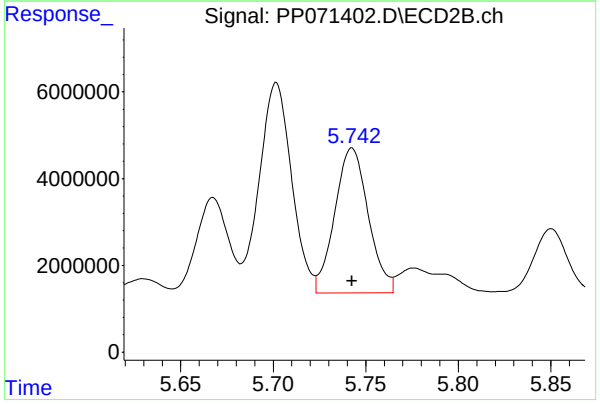
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 43921936
Conc: 770.04 ng/ml



#25 AR-1248-5

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 58877047
Conc: 750.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 42217581
Conc: 762.74 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:17
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.813	99482021	77410182	50.000	50.000
2)	SA Decachlor...	10.237	8.850	74280984	45020002	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.668	4.898	22245336	18269007	500.000	500.000
22)	L5 AR-1248-2	5.940	5.136	31011521	24308259	500.000	500.000
23)	L5 AR-1248-3	6.142	5.178	34686045	25387087	500.000	500.000
24)	L5 AR-1248-4	6.542	5.350	43455122	29340392	500.000	500.000
25)	L5 AR-1248-5	6.581	5.743	40388237	28804357	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

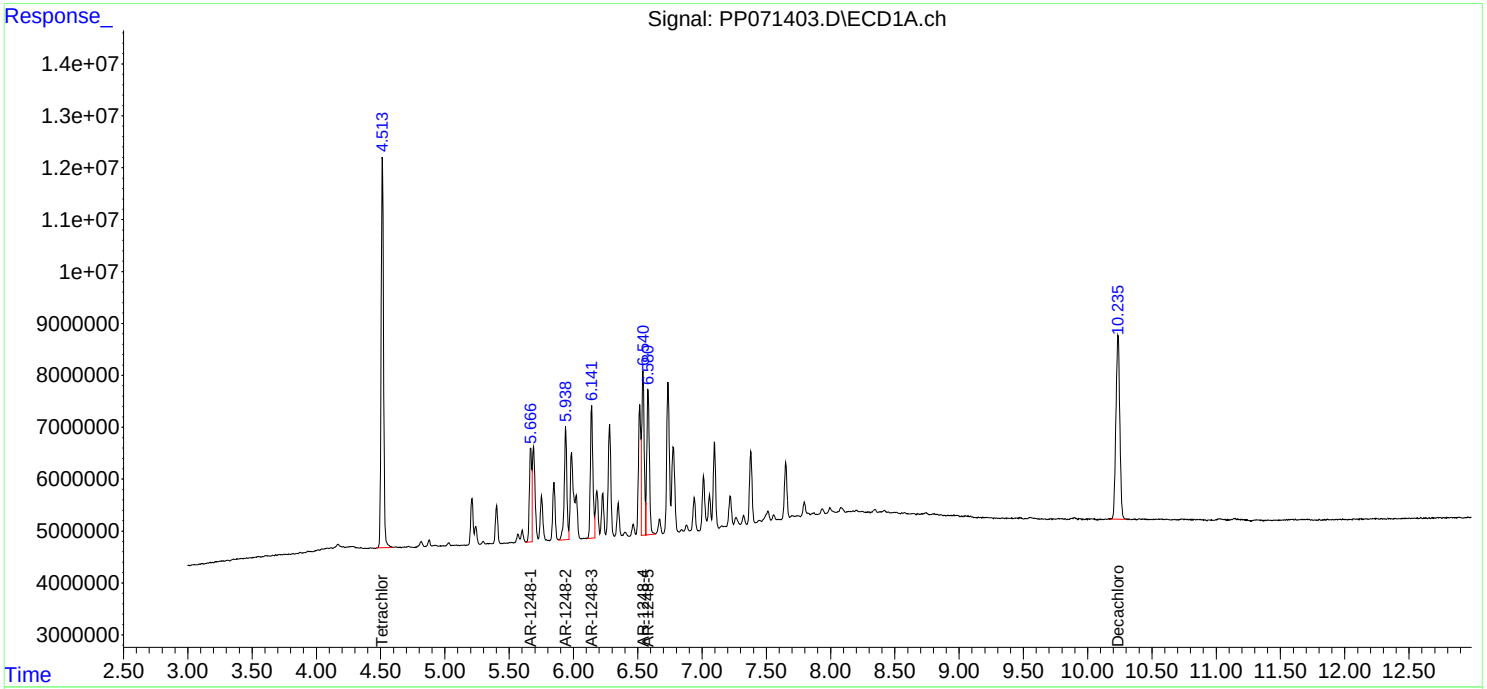
ICAL Form

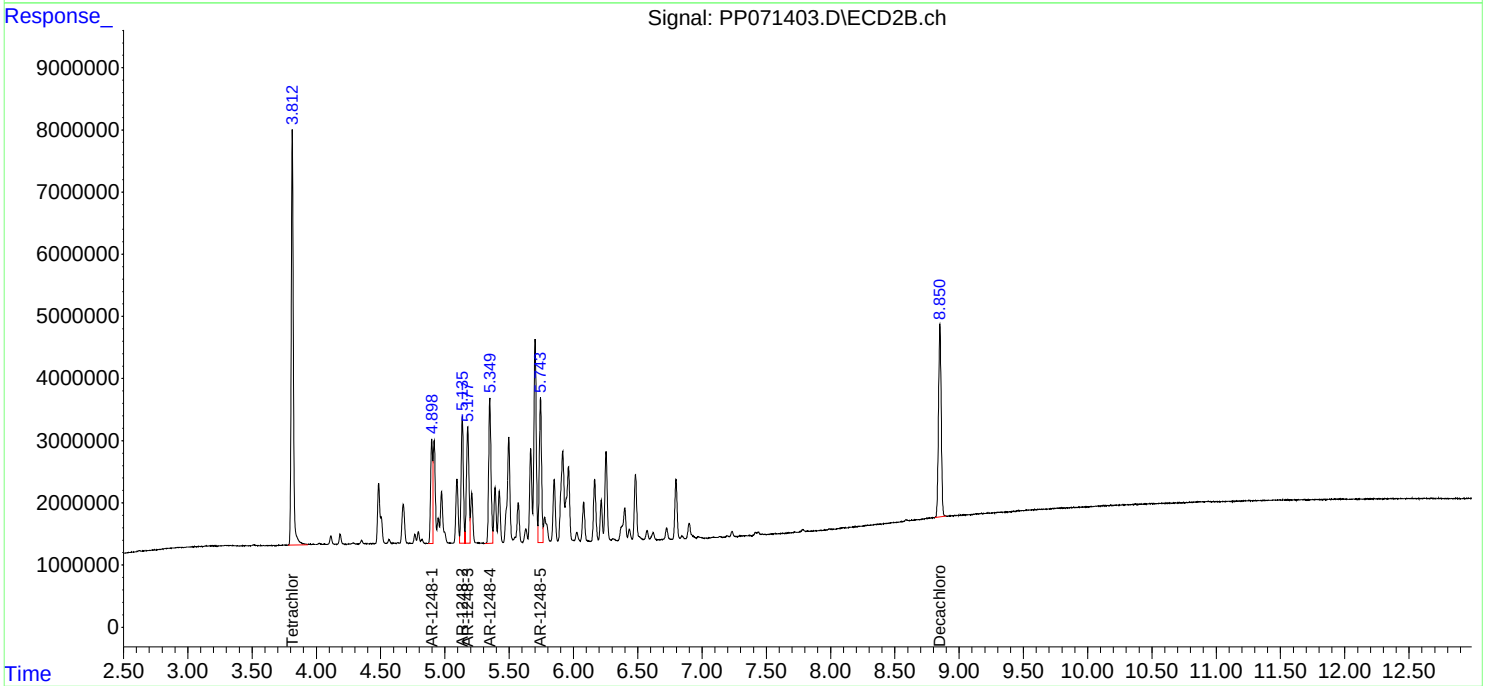
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:17
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

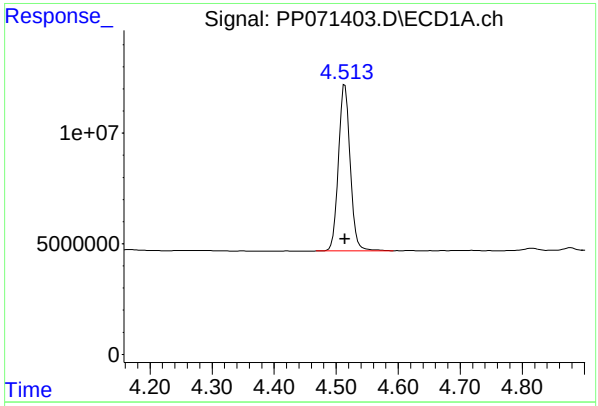
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



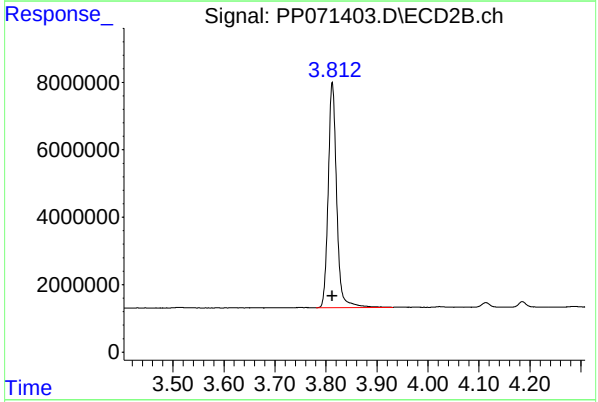




#1 Tetrachloro-m-xylene

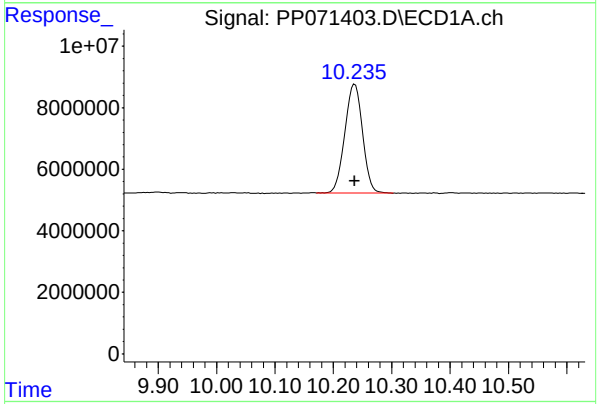
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 99482021
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



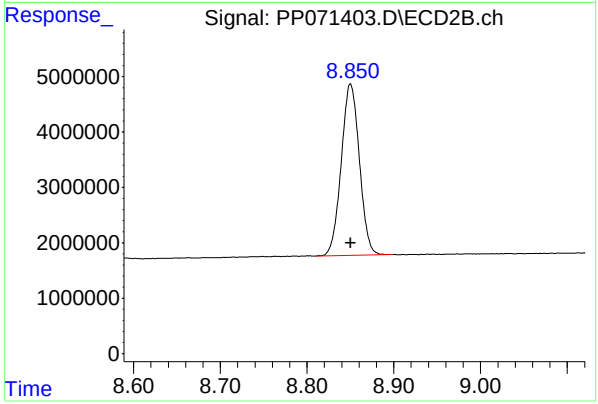
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 77410182
Conc: 50.00 ng/ml



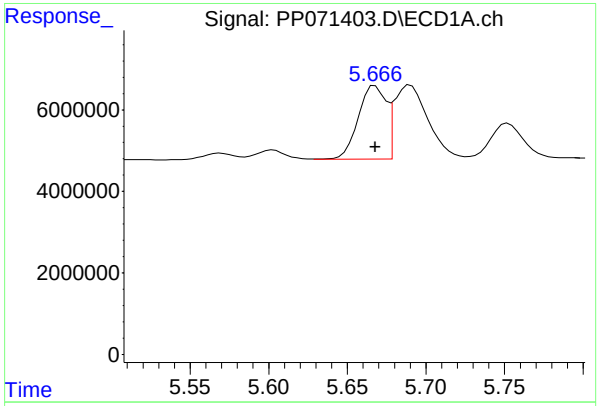
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 74280984
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

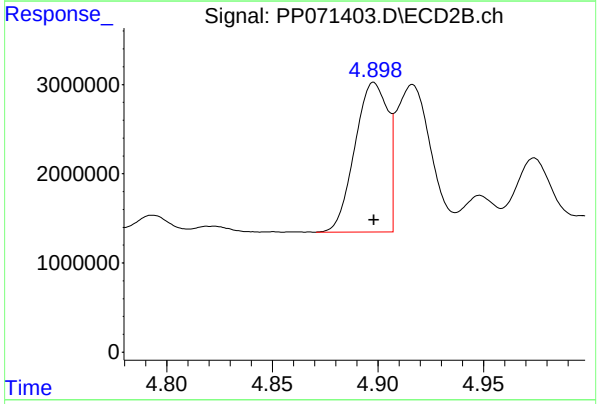
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 45020002
Conc: 50.00 ng/ml



#21 AR-1248-1

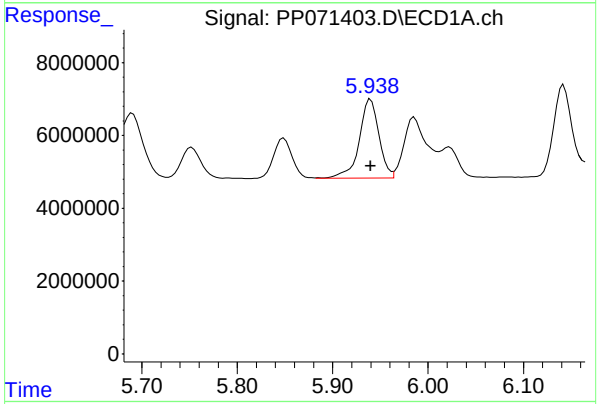
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 22245336
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



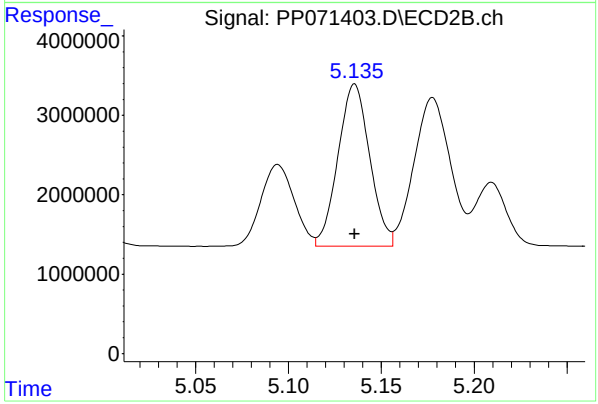
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 18269007
Conc: 500.00 ng/ml



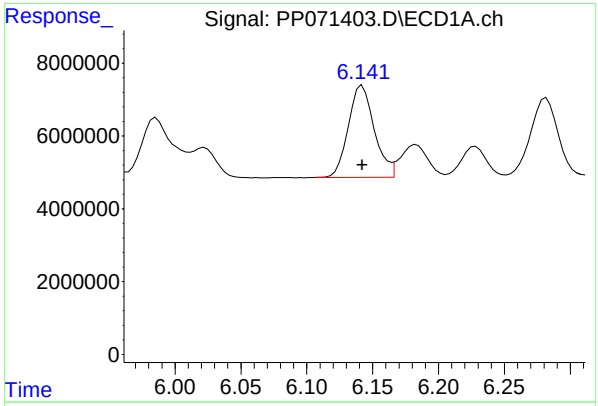
#22 AR-1248-2

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 31011521
Conc: 500.00 ng/ml



#22 AR-1248-2

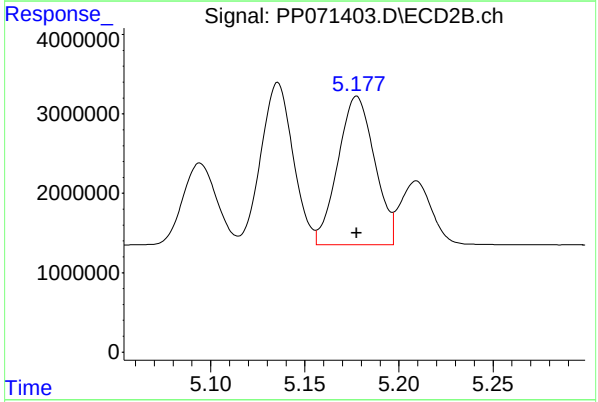
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 24308259
Conc: 500.00 ng/ml



#23 AR-1248-3

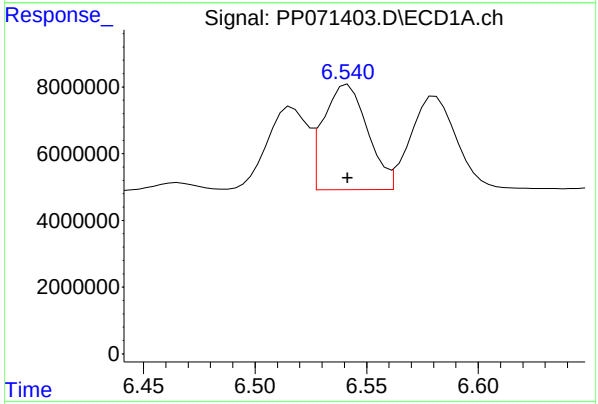
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 34686045
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



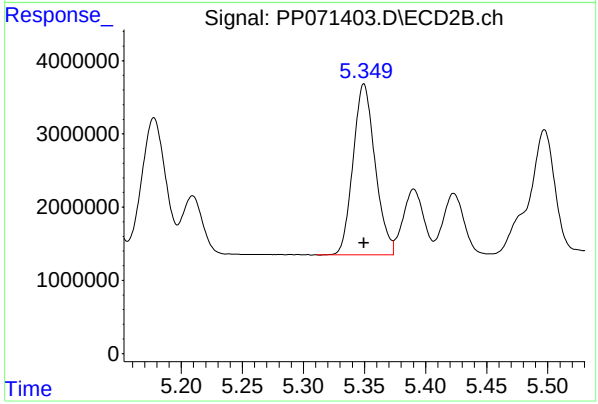
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 25387087
Conc: 500.00 ng/ml



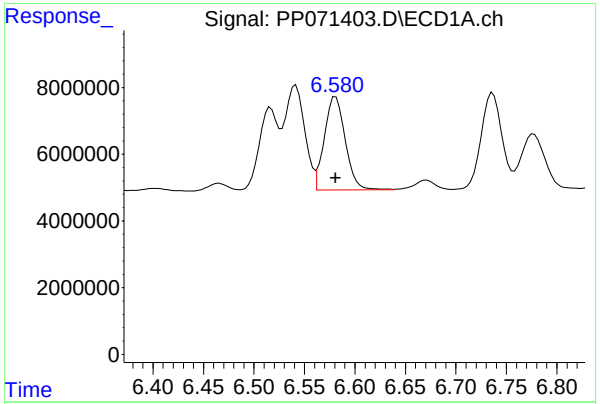
#24 AR-1248-4

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 43455122
Conc: 500.00 ng/ml



#24 AR-1248-4

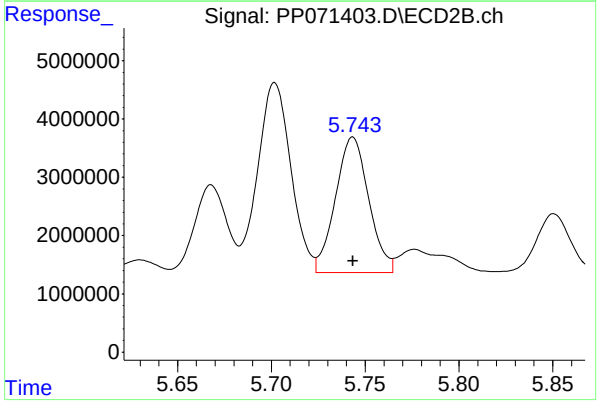
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 29340392
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.581 min
Delta R.T.: 0.000 mi
Response: 40388237
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 28804357
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:33
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:46:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:46:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	50940076	35871474	26.017	24.646
2)	SA Decachlor...	10.236	8.850	38029945	23509396	26.110	26.655
	Target Compounds						
21)	L5 AR-1248-1	5.668	4.898	11434087	9814021	259.799	275.024
22)	L5 AR-1248-2	5.940	5.135	15821478	13376378	259.947	277.150
23)	L5 AR-1248-3	6.143	5.178	17579514	14000544	257.788	276.598
24)	L5 AR-1248-4	6.542	5.350	22285729	16222320	261.208	274.950
25)	L5 AR-1248-5	6.581	5.743	20888056	16317809	262.033	282.168

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

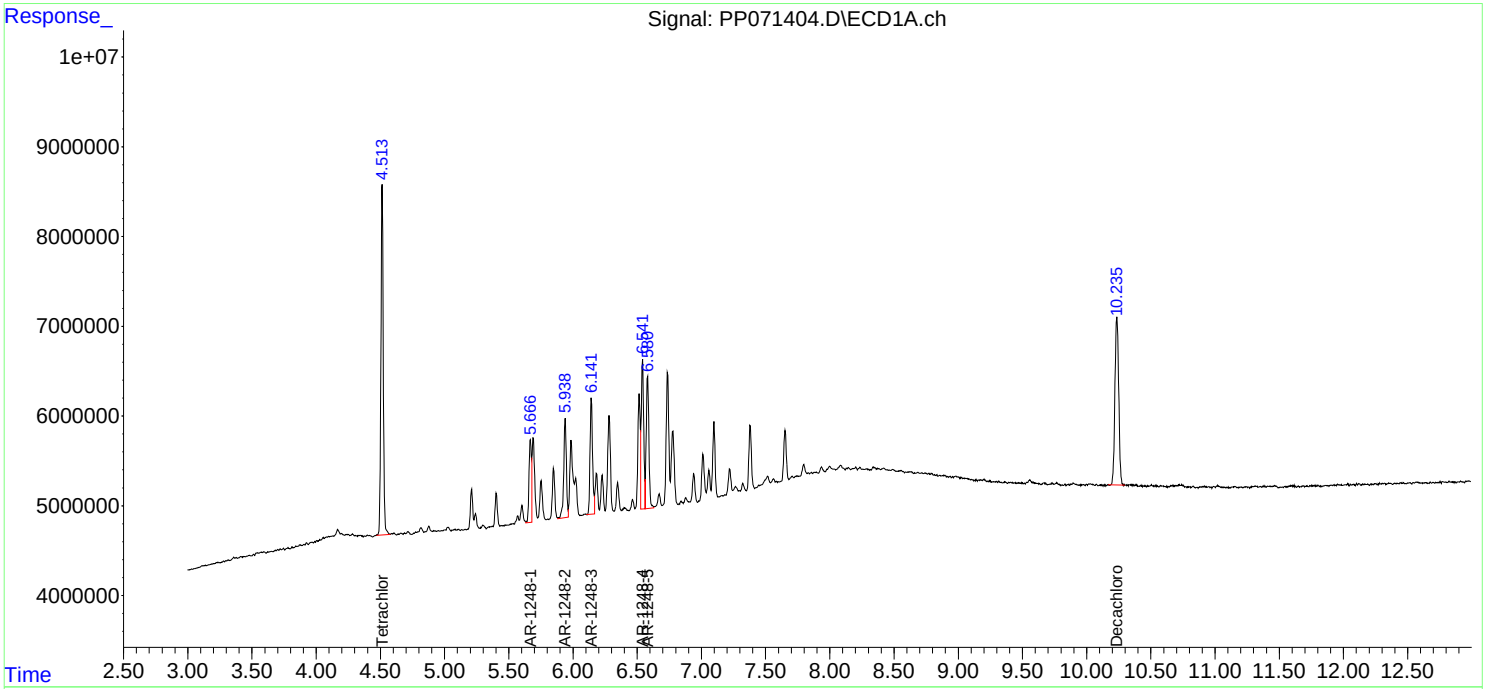
ICAL Form

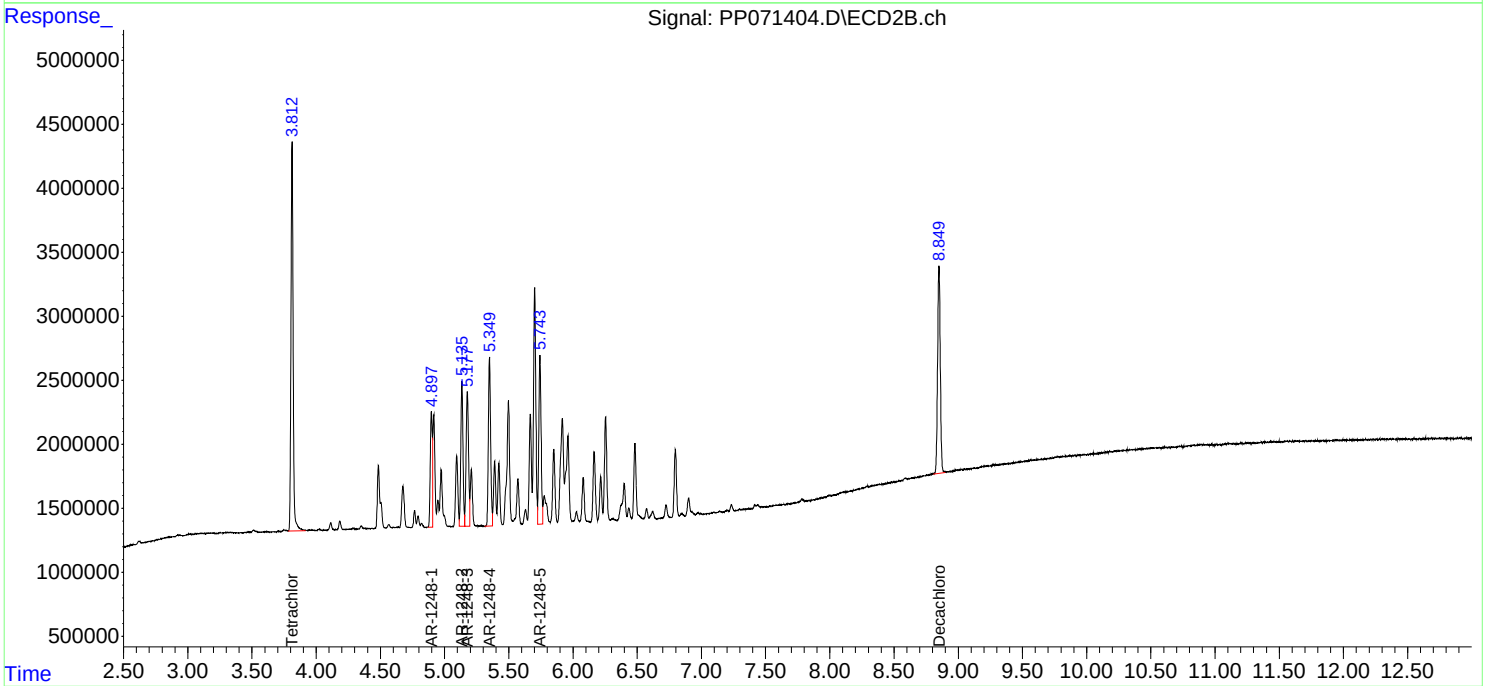
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:33
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

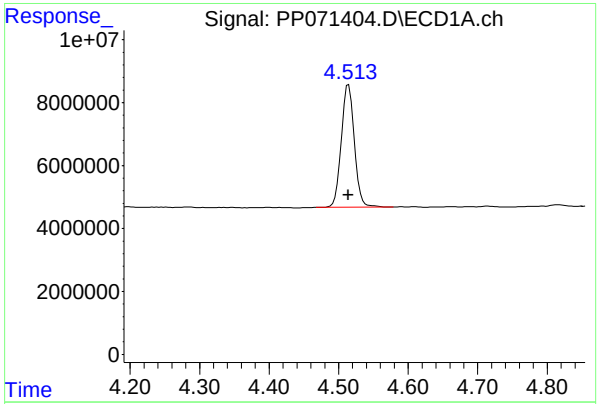
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:46:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:46:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



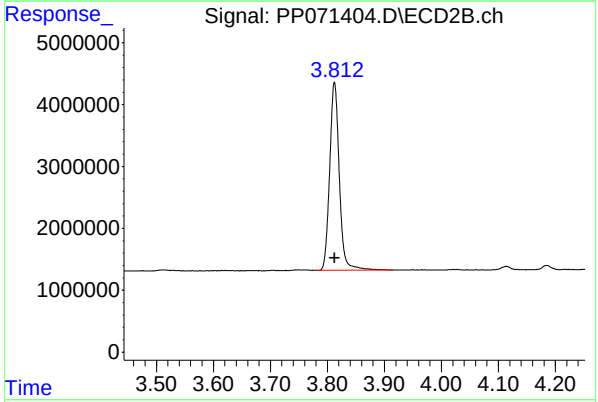




#1 Tetrachloro-m-xylene

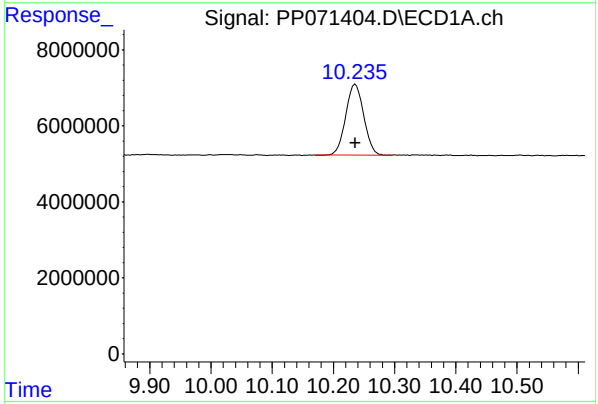
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 50940076
Conc: 26.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



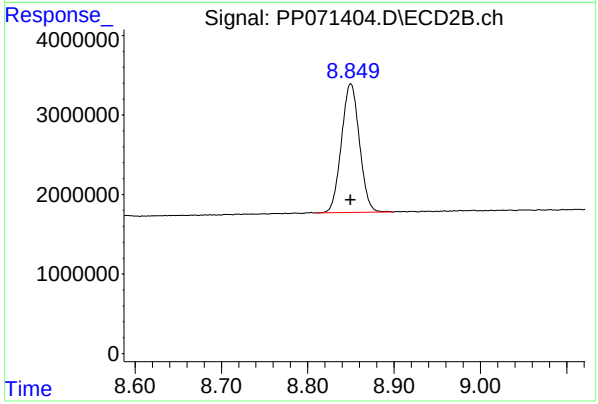
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 35871474
Conc: 24.65 ng/ml



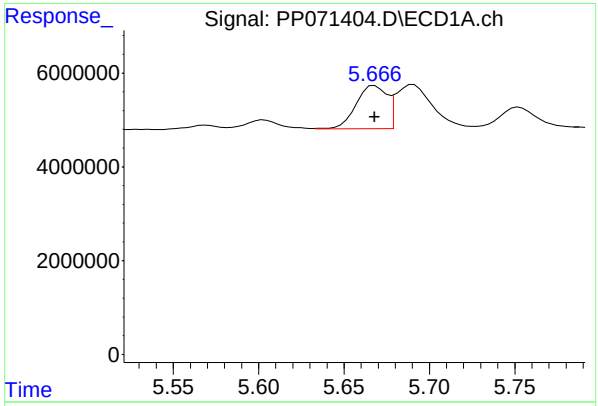
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 38029945
Conc: 26.11 ng/ml



#2 Decachlorobiphenyl

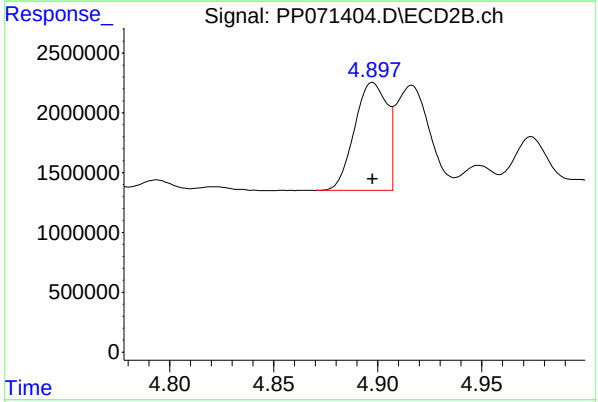
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 23509396
Conc: 26.66 ng/ml



#21 AR-1248-1

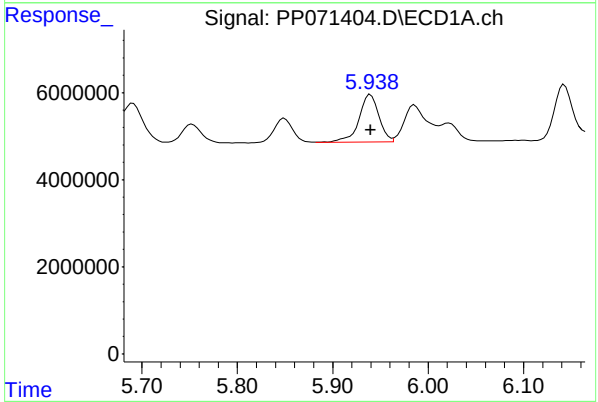
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 11434087
Conc: 259.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



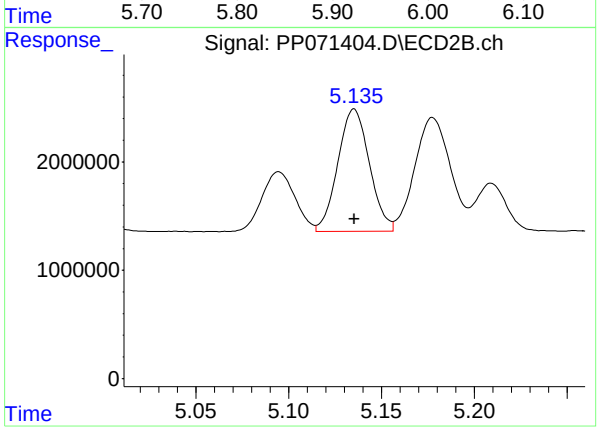
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 9814021
Conc: 275.02 ng/ml



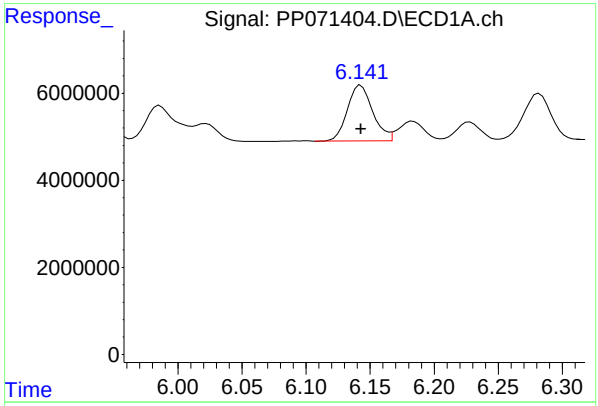
#22 AR-1248-2

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 15821478
Conc: 259.95 ng/ml



#22 AR-1248-2

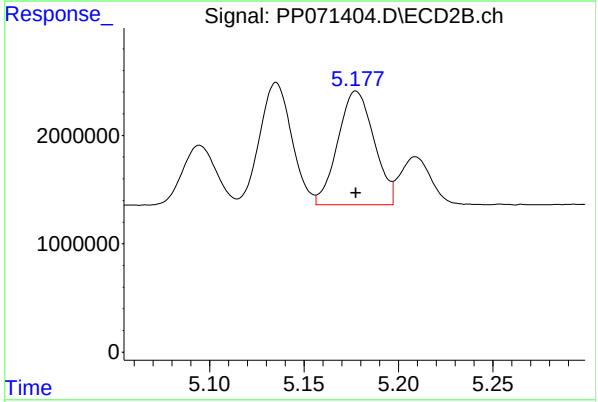
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 13376378
Conc: 277.15 ng/ml



#23 AR-1248-3

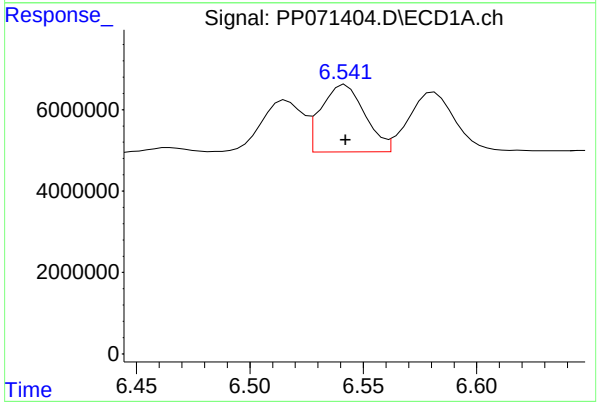
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 17579514
Conc: 257.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



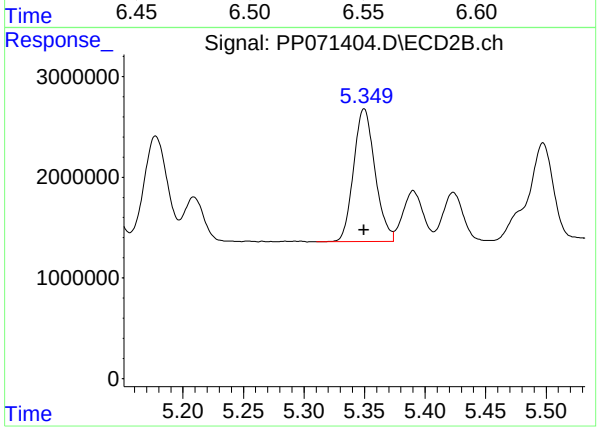
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 14000544
Conc: 276.60 ng/ml



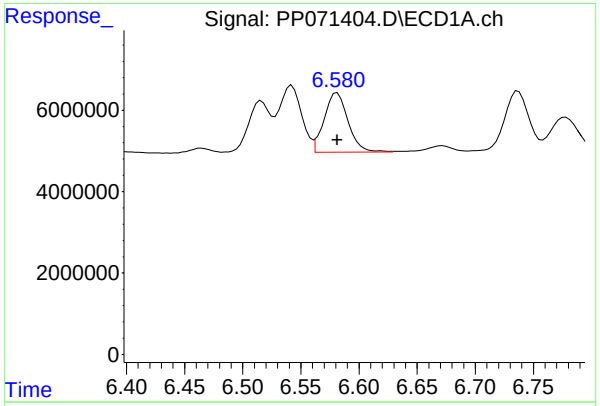
#24 AR-1248-4

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 22285729
Conc: 261.21 ng/ml



#24 AR-1248-4

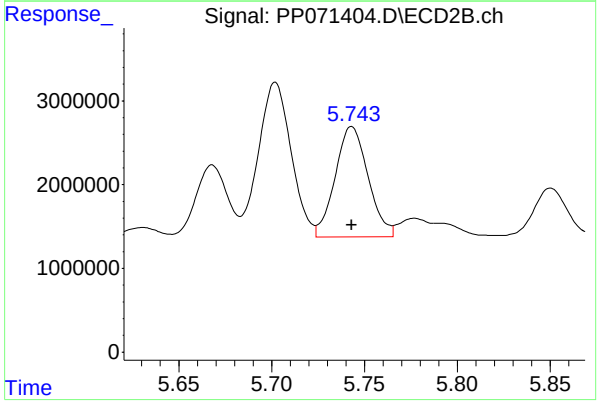
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 16222320
Conc: 274.95 ng/ml



#25 AR-1248-5

R.T.: 6.581 min
Delta R.T.: 0.000 mi
Response: 20888056
Conc: 262.03 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 16317809
Conc: 282.17 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:04:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:04:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.813	9059747	7084653	4.697	4.893
2)	SA Decachlor...	10.236	8.850	6791716	4608858	4.727	5.179
	Target Compounds						
21)	L5 AR-1248-1	5.667	4.899	1932478	1889804	45.005	52.340
22)	L5 AR-1248-2	5.939	5.136	2935274	2587801	48.571	52.853
23)	L5 AR-1248-3	6.142	5.178	3057380	2647979	45.780	51.834
24)	L5 AR-1248-4	6.541	5.350	4089143	3364119	48.329	55.461
25)	L5 AR-1248-5	6.581	5.744	3919031	3006686	49.328	51.581

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

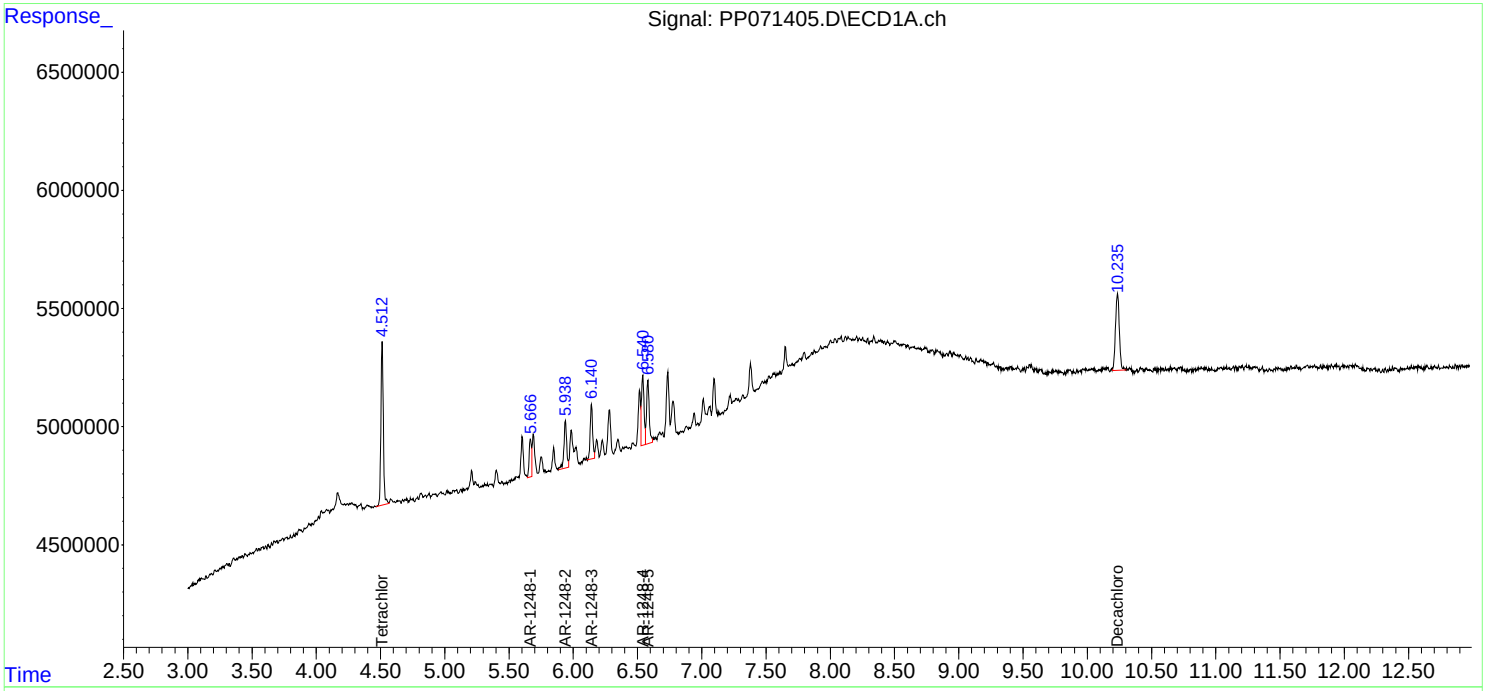
ICAL Form

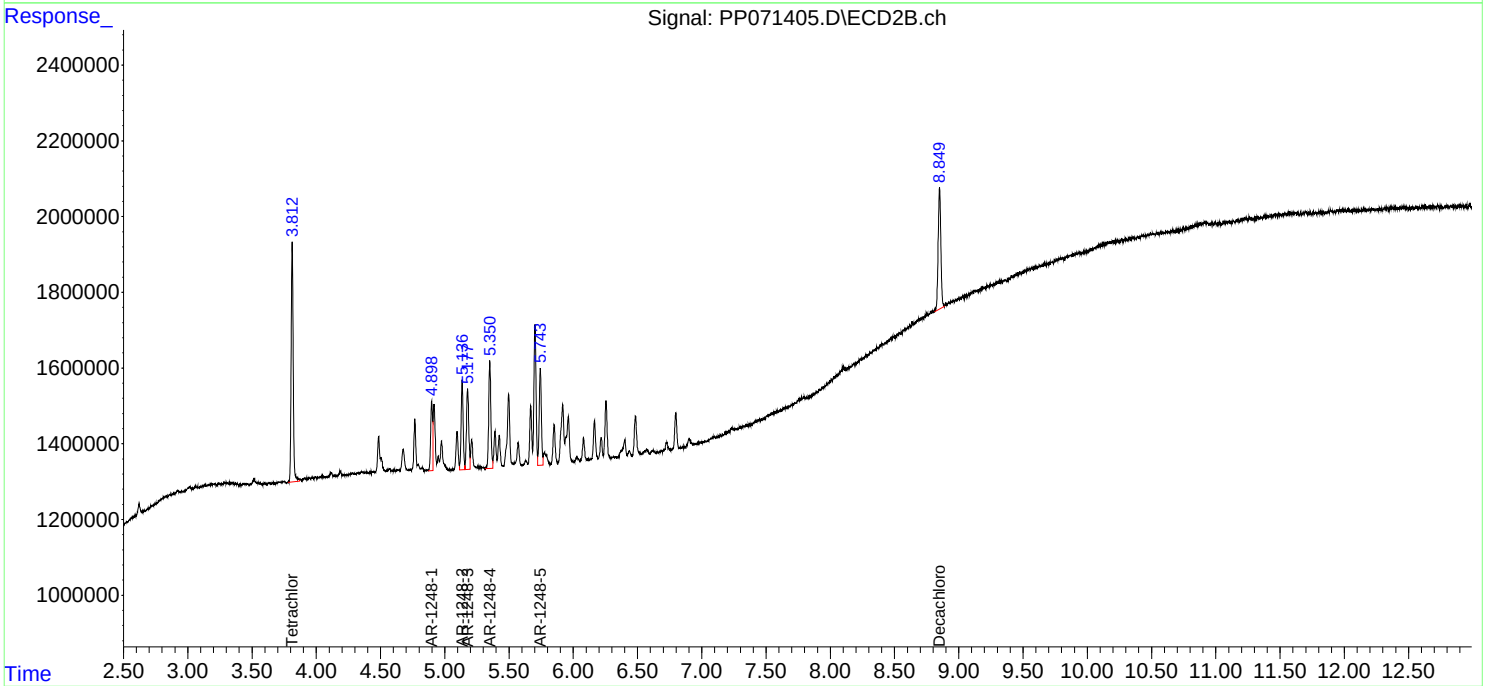
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

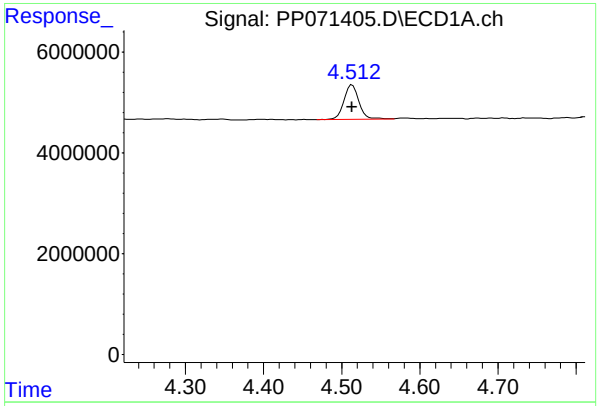
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:04:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:04:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



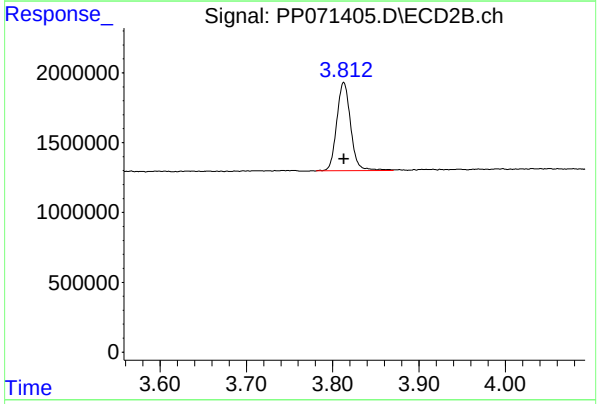




#1 Tetrachloro-m-xylene

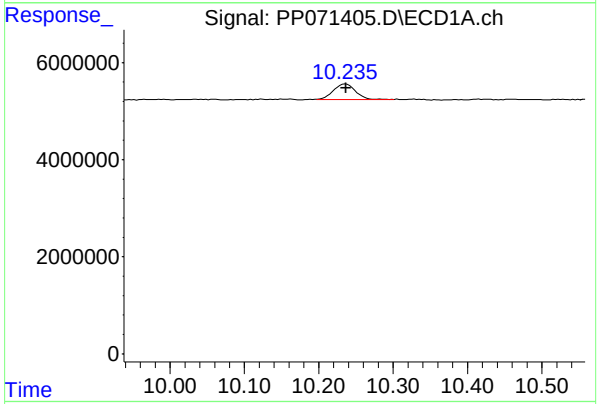
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 9059747
Conc: 4.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



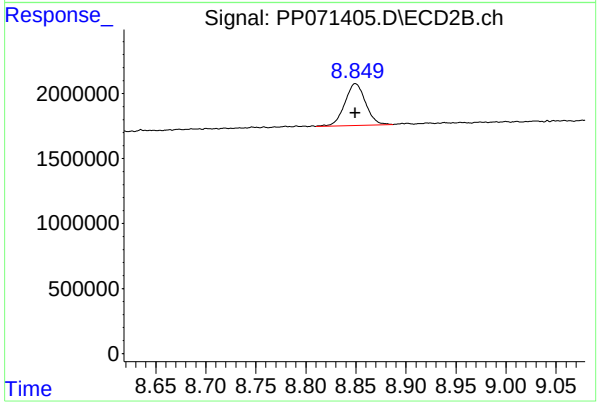
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 7084653
Conc: 4.89 ng/ml



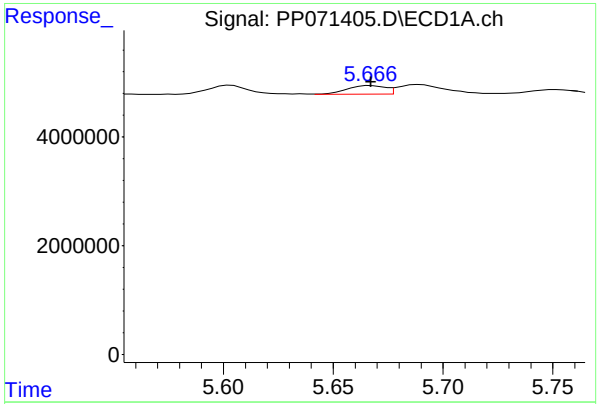
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 6791716
Conc: 4.73 ng/ml



#2 Decachlorobiphenyl

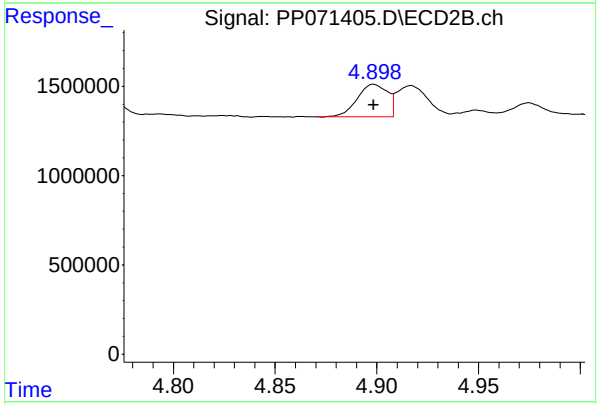
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4608858
Conc: 5.18 ng/ml



#21 AR-1248-1

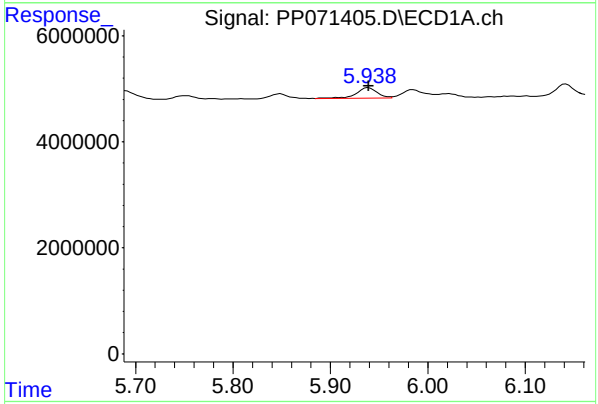
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 1932478
Conc: 45.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



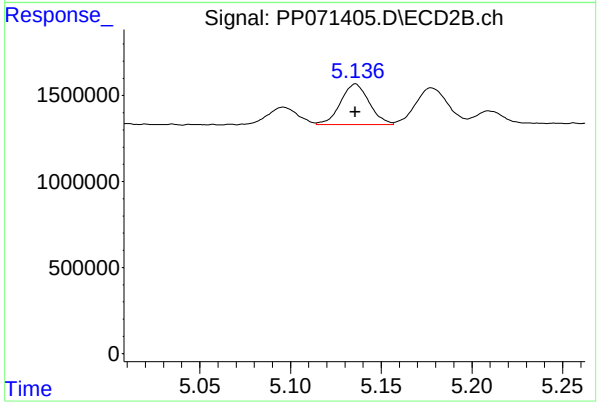
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 1889804
Conc: 52.34 ng/ml



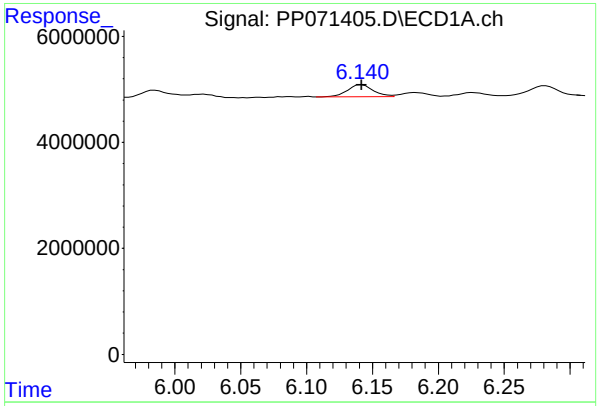
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 2935274
Conc: 48.57 ng/ml



#22 AR-1248-2

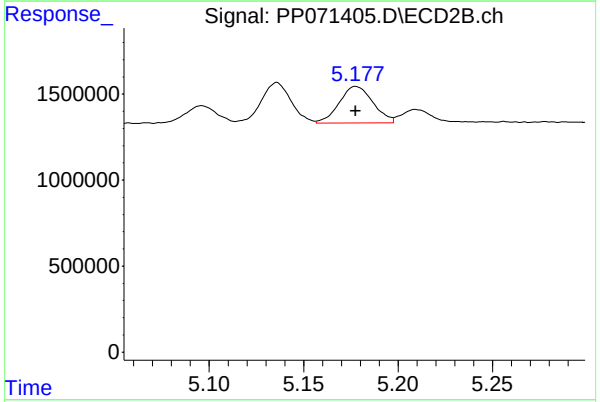
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 2587801
Conc: 52.85 ng/ml



#23 AR-1248-3

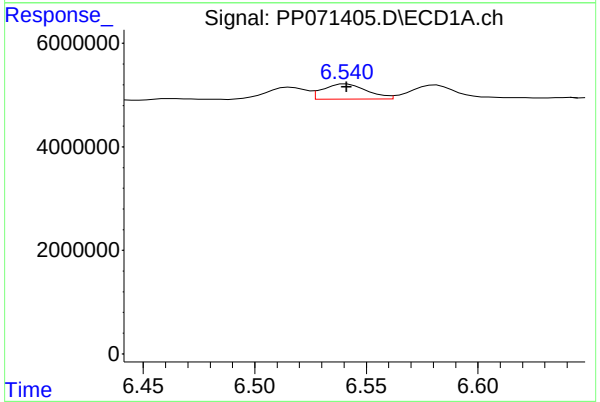
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 3057380
Conc: 45.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



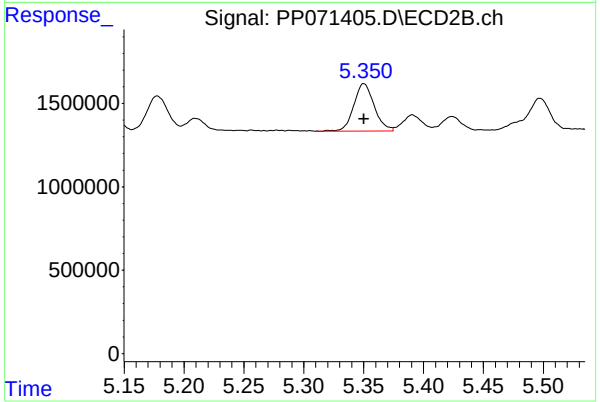
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 2647979
Conc: 51.83 ng/ml



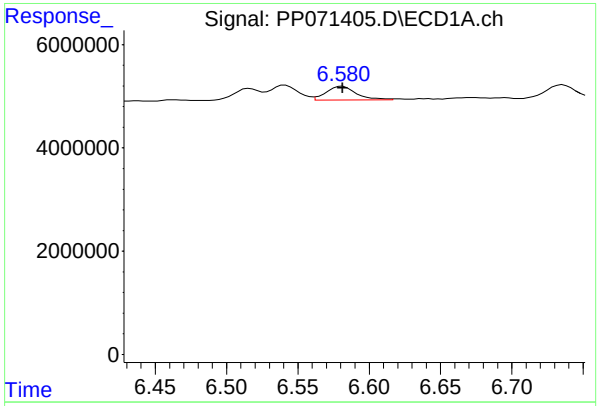
#24 AR-1248-4

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 4089143
Conc: 48.33 ng/ml



#24 AR-1248-4

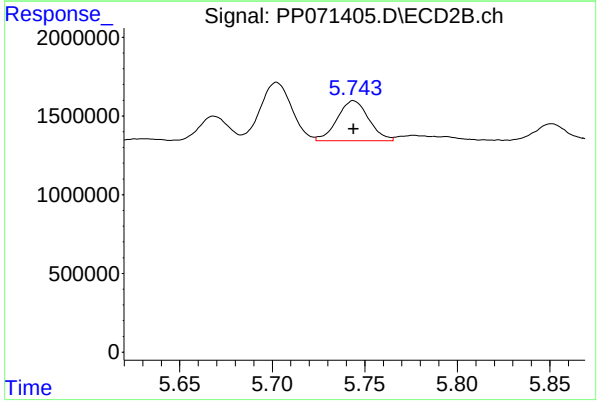
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 3364119
Conc: 55.46 ng/ml



#25 AR-1248-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 3919031
Conc: 49.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 3006686
Conc: 51.58 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:06
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:51:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.812	188.8E6	139.1E6	96.818	97.876
2)	SA Decachlor...	10.236	8.850	141.0E6	84630750	96.040	96.040
	Target Compounds						
26)	L6 AR-1254-1	6.519	5.702	78574372	81690839	957.338	952.962
27)	L6 AR-1254-2	6.735	5.851	121.6E6	70045476	958.538	950.650
28)	L6 AR-1254-3	7.099	6.254	123.4E6	109.7E6	962.759	954.874
29)	L6 AR-1254-4	7.381	6.483	112.5E6	70169900	960.617	948.370
30)	L6 AR-1254-5	7.798	6.901	106.4E6	92229111	966.455	936.717

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

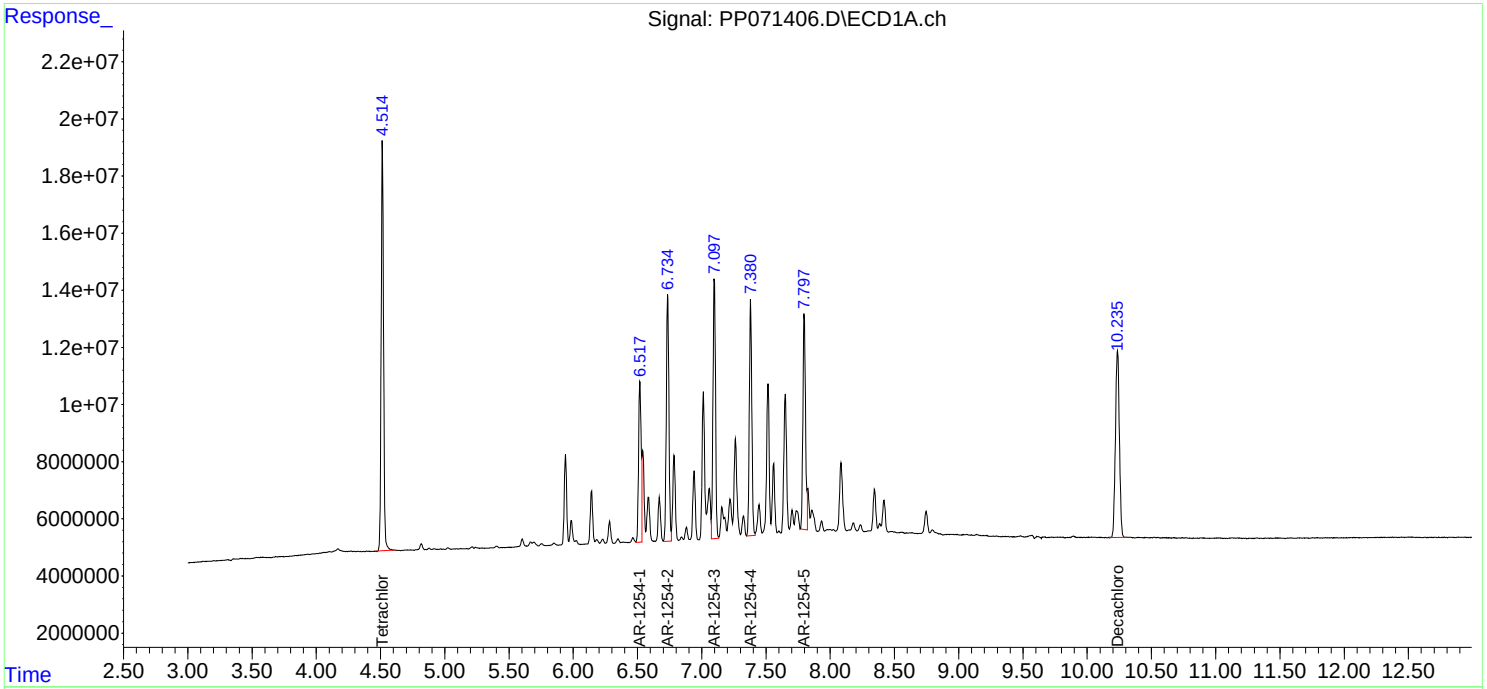
ICAL Form

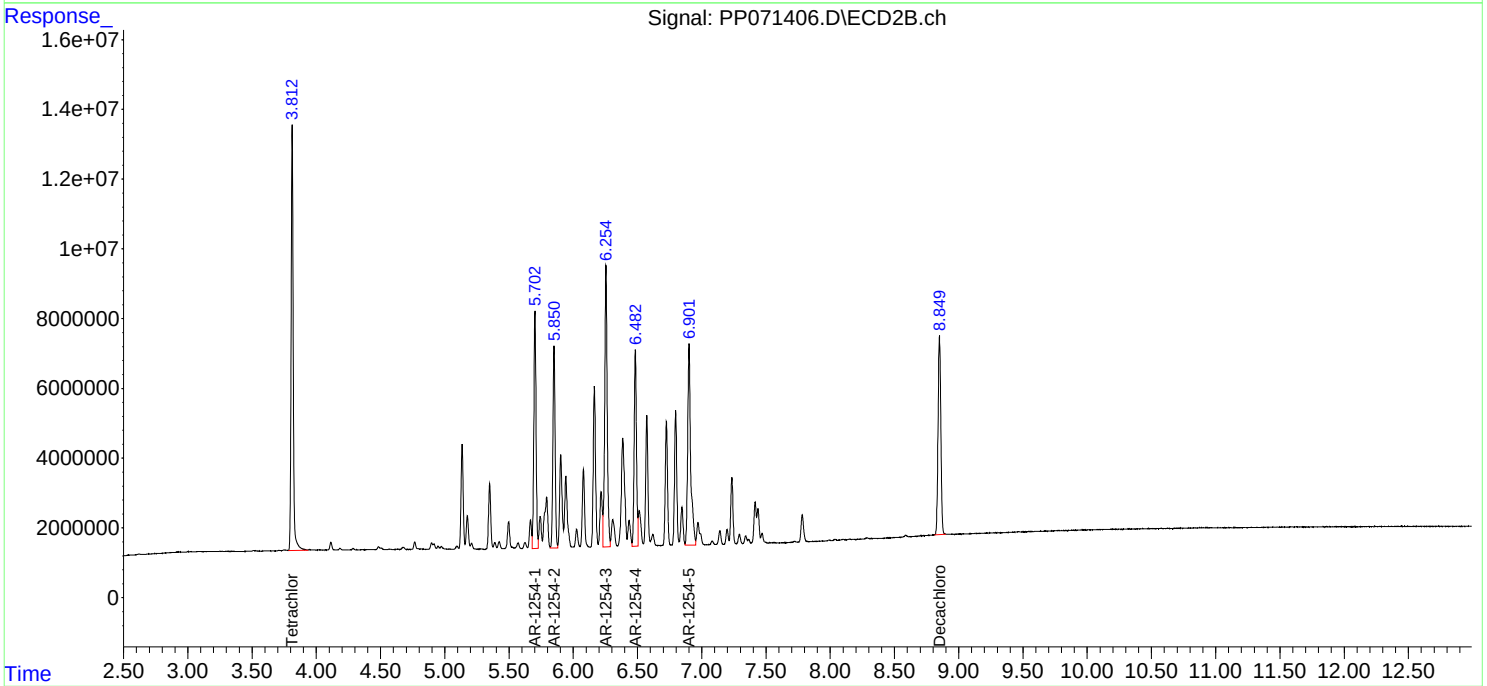
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:06
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

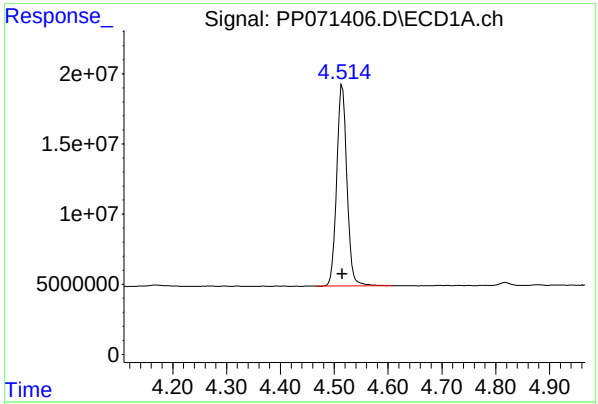
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:51:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



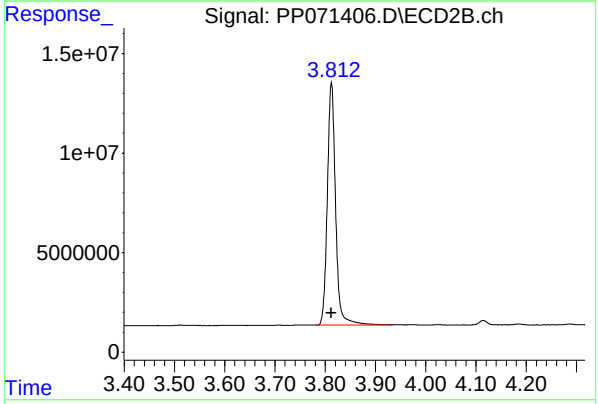




#1 Tetrachloro-m-xylene

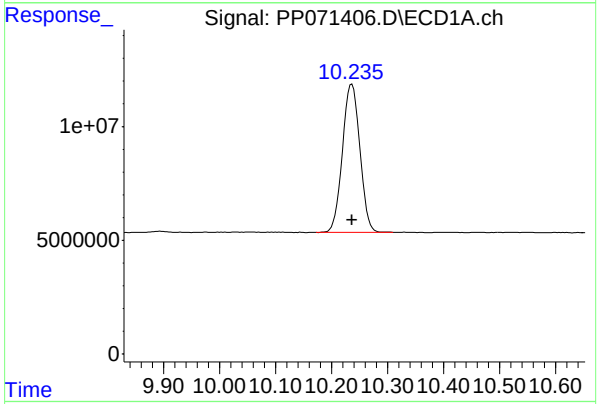
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 188824112
Conc: 96.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



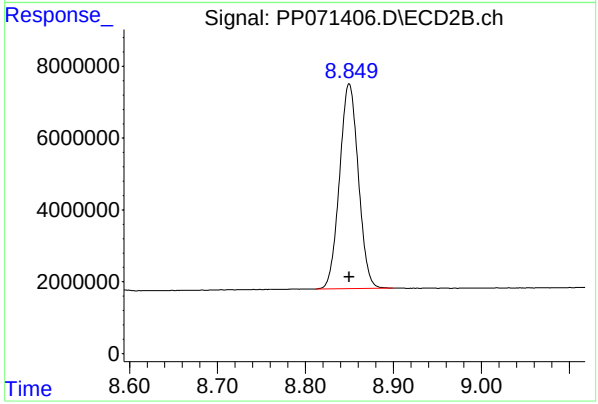
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 139055330
Conc: 97.88 ng/ml



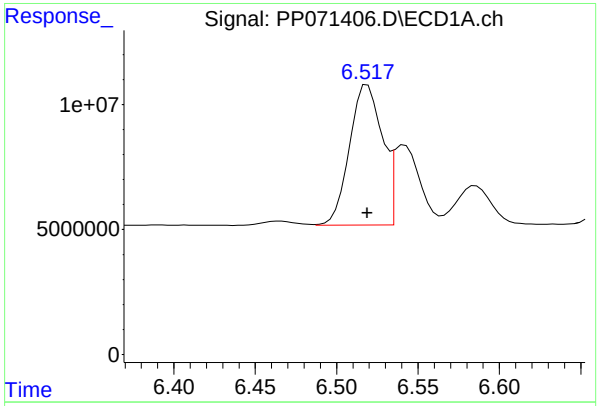
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 141010181
Conc: 96.04 ng/ml



#2 Decachlorobiphenyl

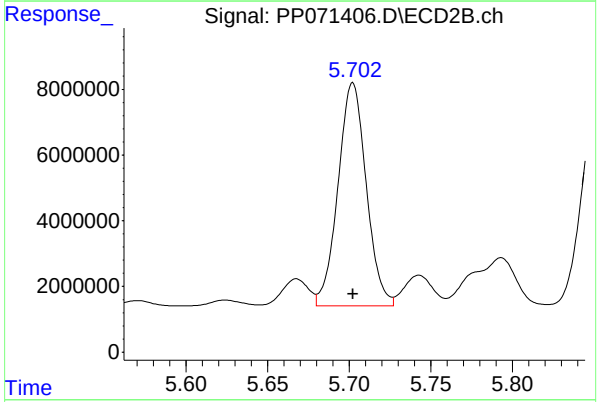
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 84630750
Conc: 96.04 ng/ml



#26 AR-1254-1

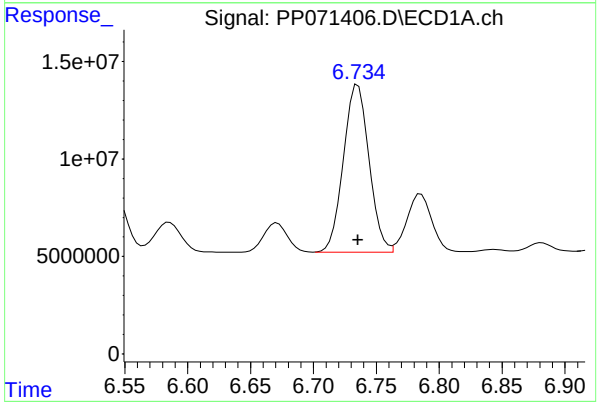
R.T.: 6.519 min
Delta R.T.: 0.000 mi
Response: 78574372
Conc: 957.34 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



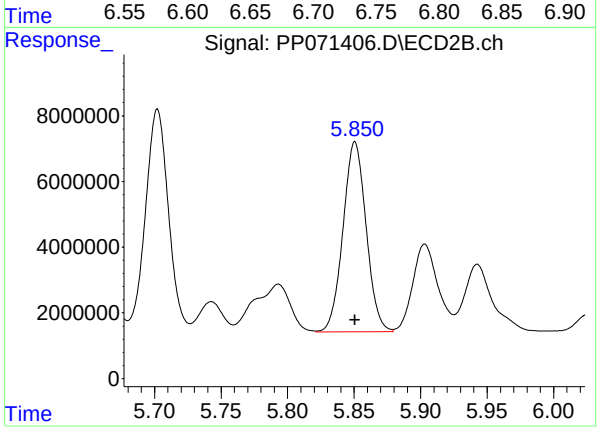
#26 AR-1254-1

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 81690839
Conc: 952.96 ng/ml



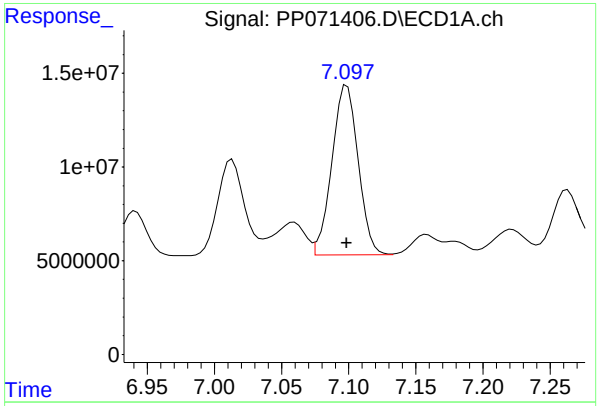
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 121624435
Conc: 958.54 ng/ml



#27 AR-1254-2

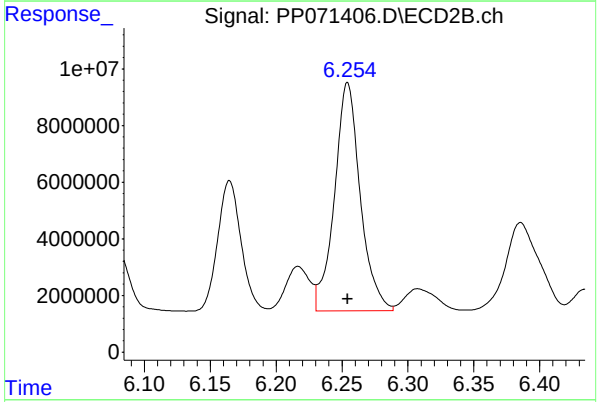
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 70045476
Conc: 950.65 ng/ml



#28 AR-1254-3

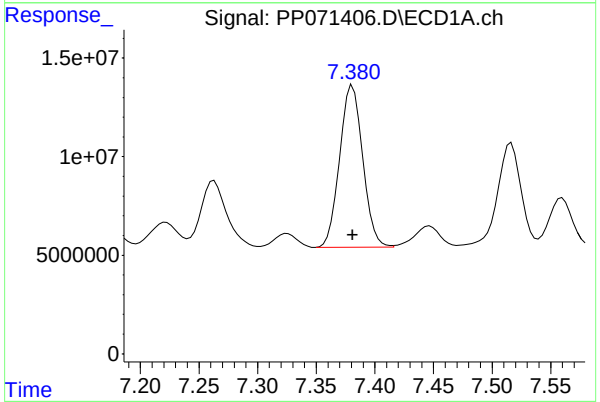
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 123432630
Conc: 962.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



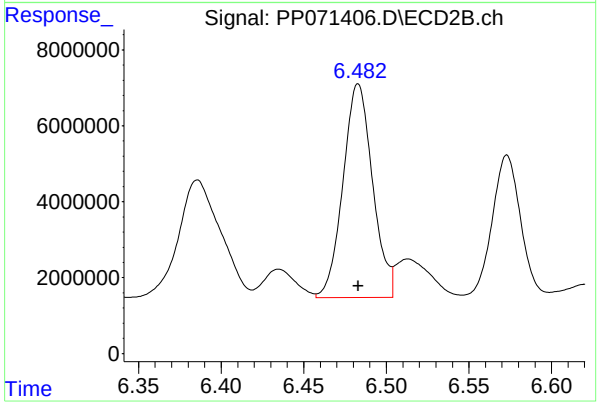
#28 AR-1254-3

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 109725744
Conc: 954.87 ng/ml



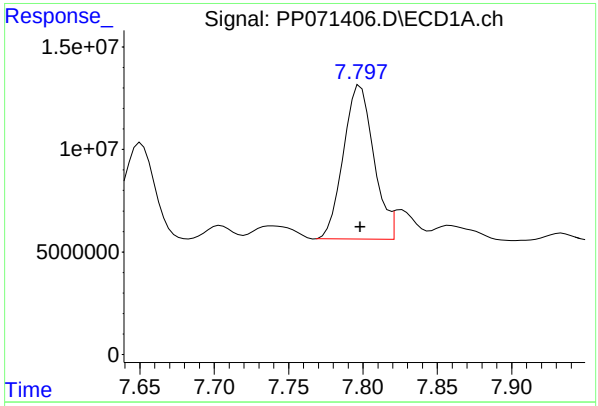
#29 AR-1254-4

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 112512019
Conc: 960.62 ng/ml



#29 AR-1254-4

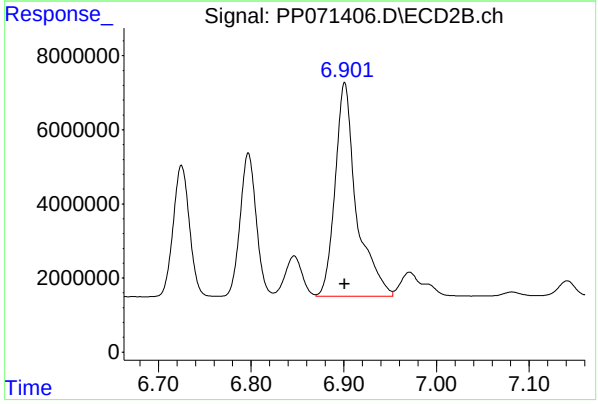
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 70169900
Conc: 948.37 ng/ml



#30 AR-1254-5

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 106399089
Conc: 966.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 92229111
Conc: 936.72 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:22
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.812	145.3E6	112.6E6	74.658	77.773
2)	SA Decachlor...	10.236	8.850	110.2E6	65650190	75.033	74.666
	Target Compounds						
26)	L6 AR-1254-1	6.519	5.703	60934961	65520948	744.931	759.494
27)	L6 AR-1254-2	6.735	5.851	94362074	56602387	745.775	762.037
28)	L6 AR-1254-3	7.098	6.255	95849879	85577532	748.410	746.476
29)	L6 AR-1254-4	7.381	6.483	87194278	55551540	746.295	750.532
30)	L6 AR-1254-5	7.797	6.901	79441918	72082199	721.000m	737.969

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:22
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

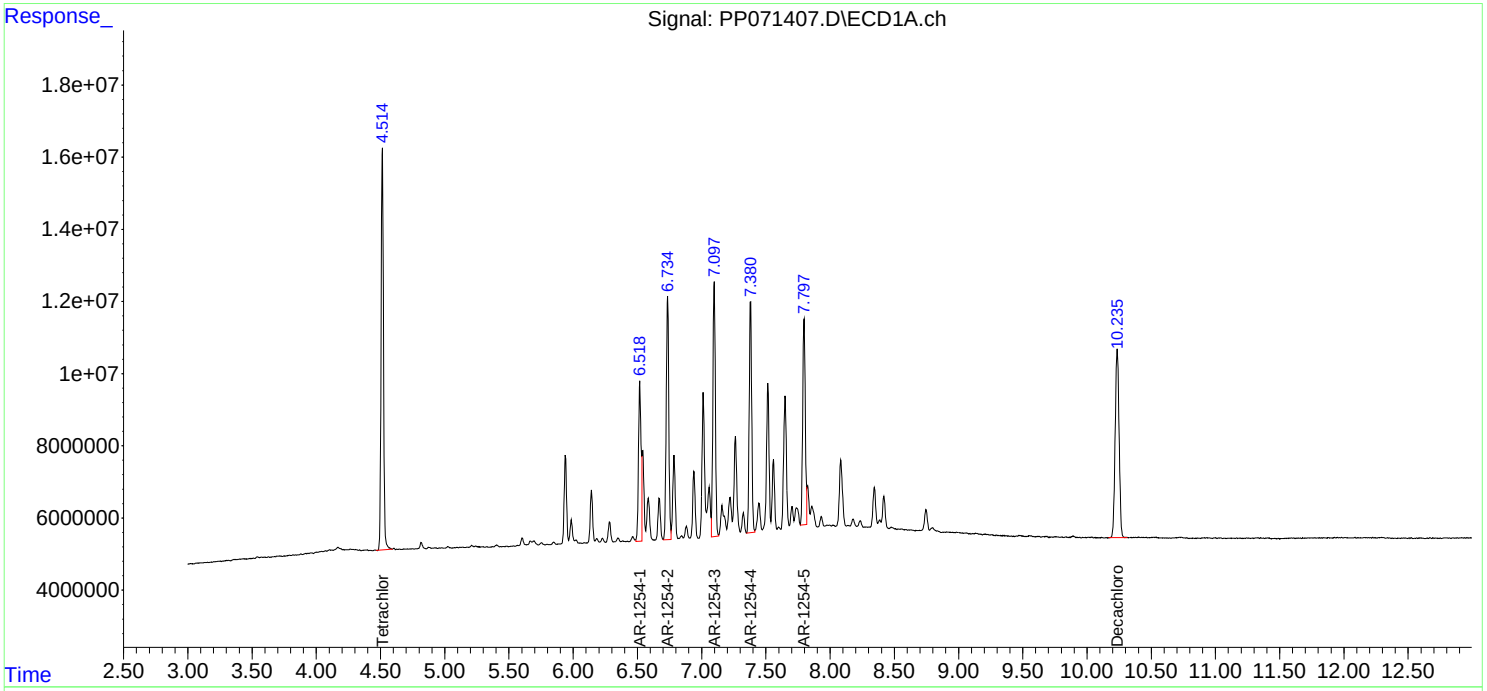
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

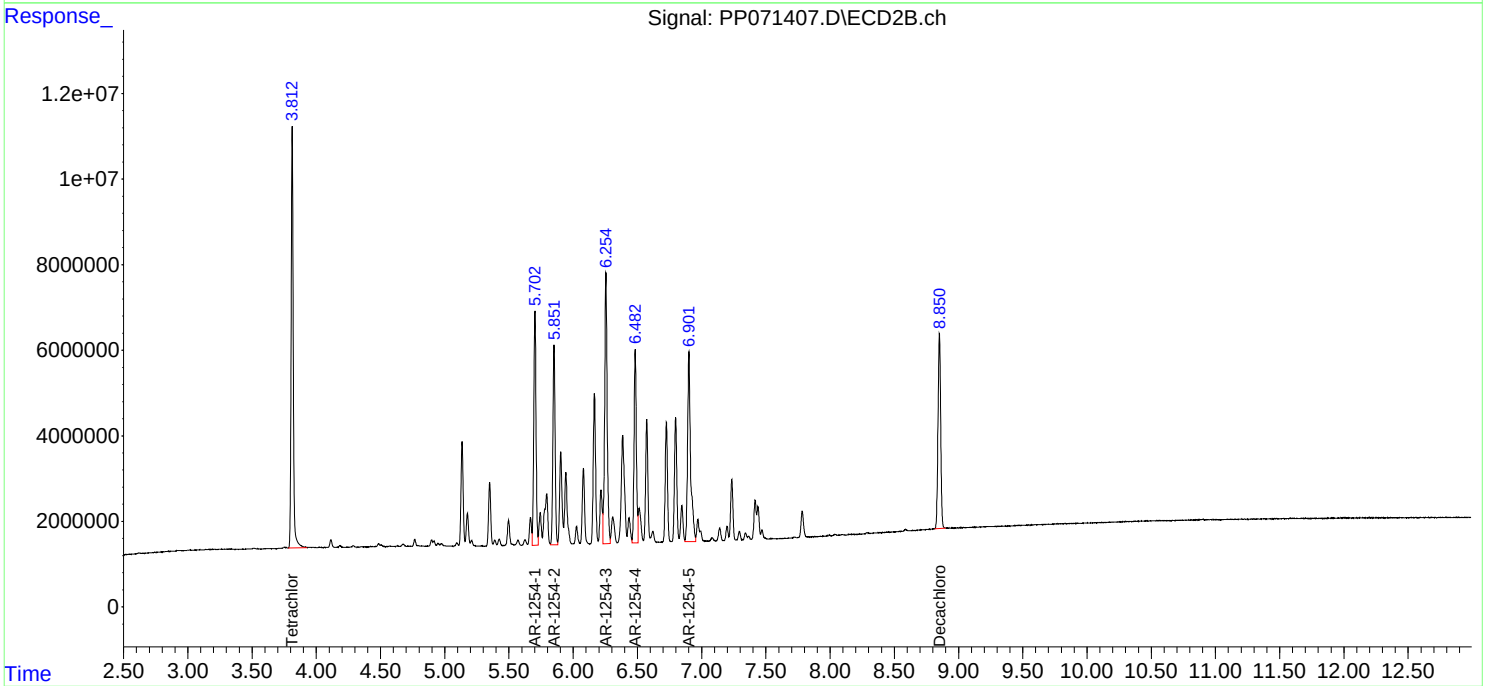
Manual Integrations APPROVED

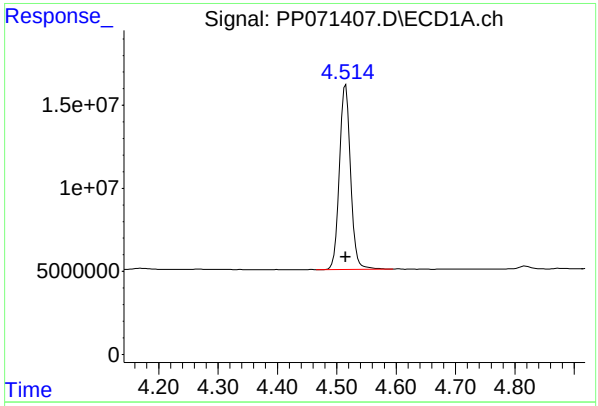
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







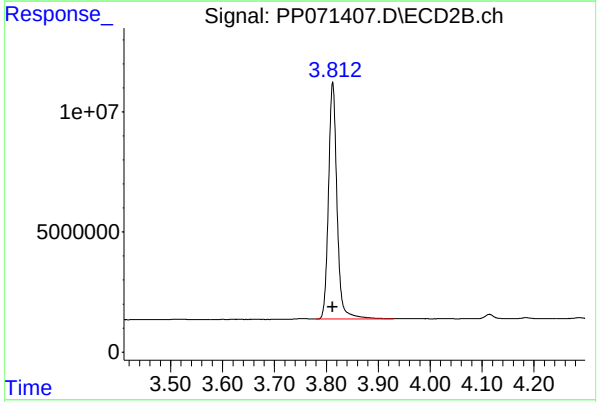
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 145274275
Conc: 74.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

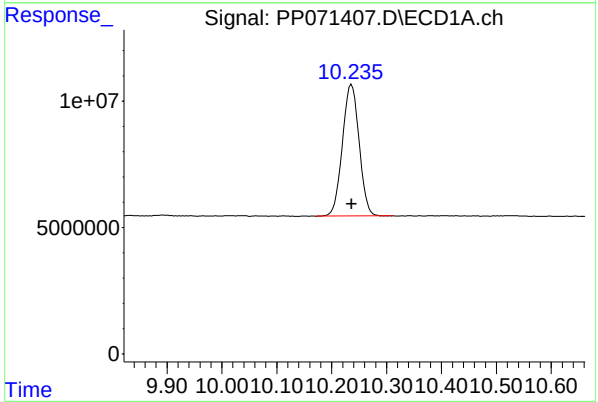
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



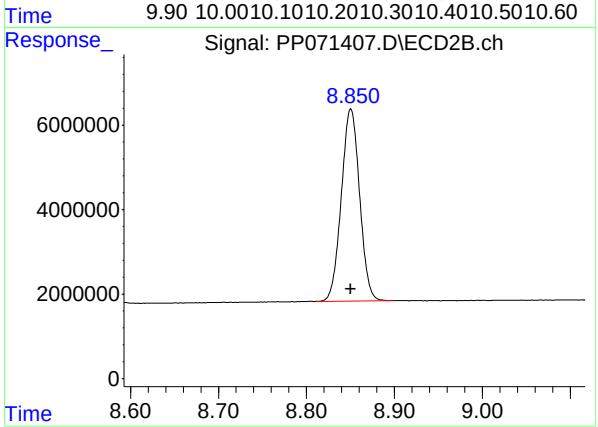
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 112576042
Conc: 77.77 ng/ml



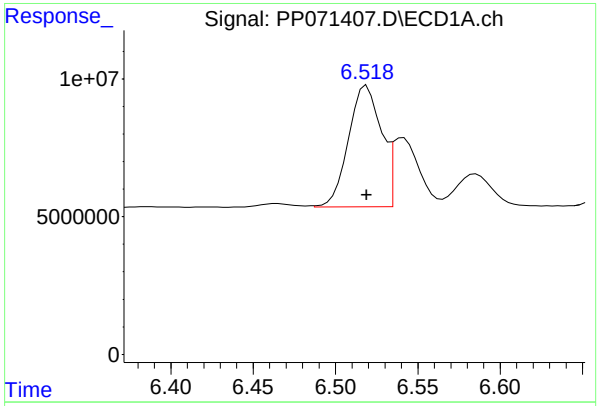
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 110190189
Conc: 75.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 65650190
Conc: 74.67 ng/ml



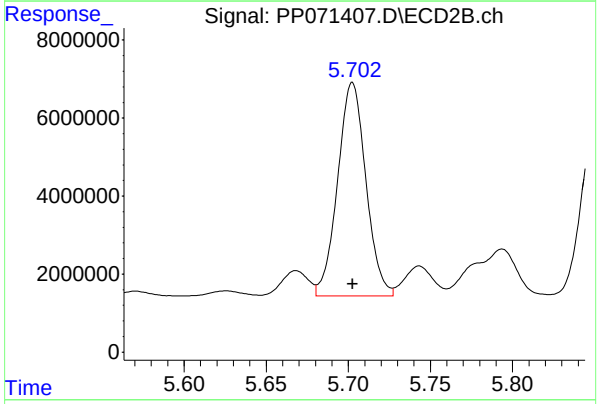
#26 AR-1254-1

R.T.: 6.519 min
Delta R.T.: 0.000 mi
Response: 60934961
Conc: 744.93 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

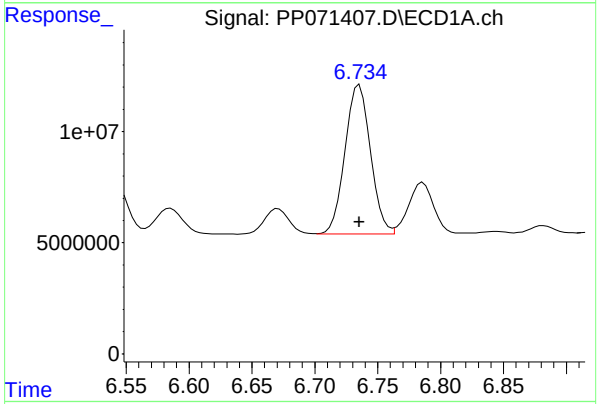
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



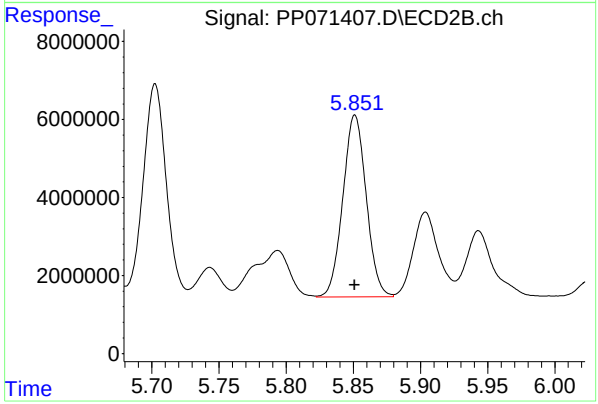
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 65520948
Conc: 759.49 ng/ml



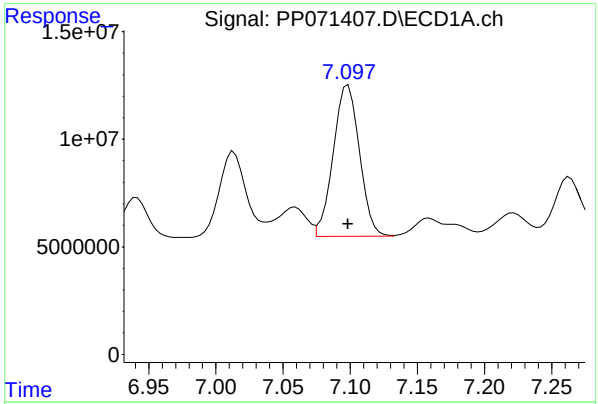
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 94362074
Conc: 745.77 ng/ml



#27 AR-1254-2

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 56602387
Conc: 762.04 ng/ml



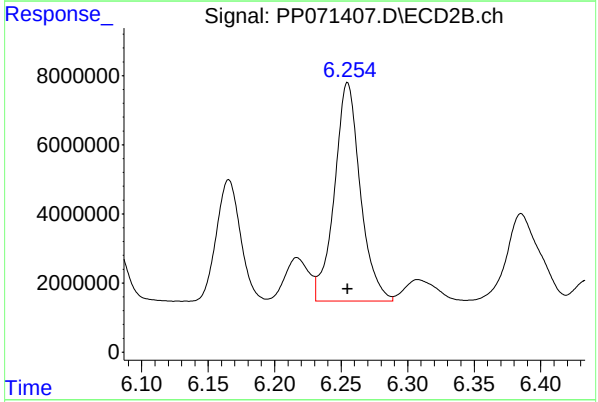
#28 AR-1254-3

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 95849879
Conc: 748.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

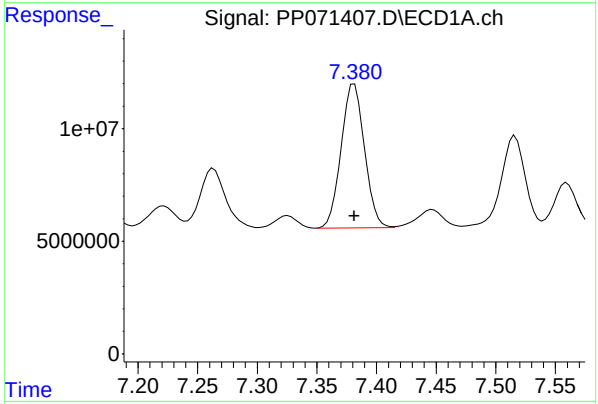
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



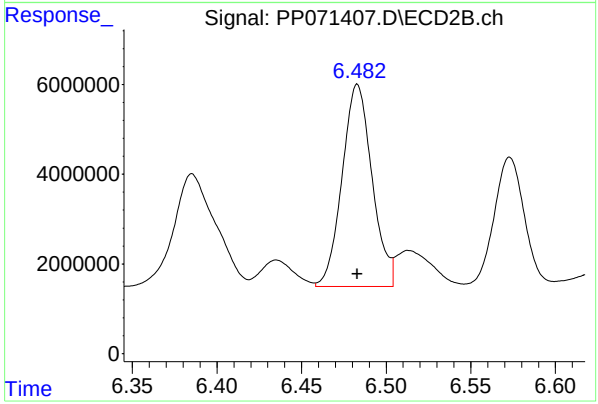
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 85577532
Conc: 746.48 ng/ml



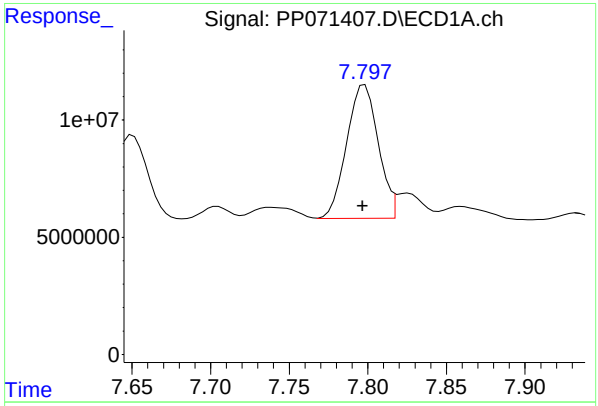
#29 AR-1254-4

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 87194278
Conc: 746.30 ng/ml



#29 AR-1254-4

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 55551540
Conc: 750.53 ng/ml



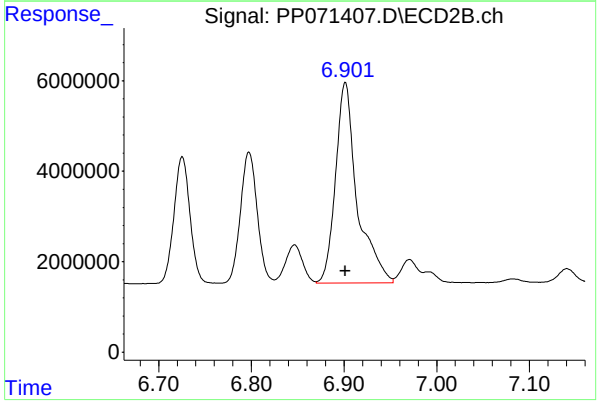
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 79441918
Conc: 721.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 72082199
Conc: 737.97 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:38
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:48:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.812	100.6E6	72545075	50.000	50.000
2)	SA Decachlor...	10.237	8.849	76319487	45805245	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.519	5.702	42788667	44877702	500.000	500.000
27)	L6 AR-1254-2	6.735	5.851	66073164	38658957	500.000	500.000
28)	L6 AR-1254-3	7.098	6.254	66490827	60048409	500.000	500.000
29)	L6 AR-1254-4	7.381	6.483	60868718	38905081	500.000	500.000
30)	L6 AR-1254-5	7.797	6.901	56892560	52345397	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

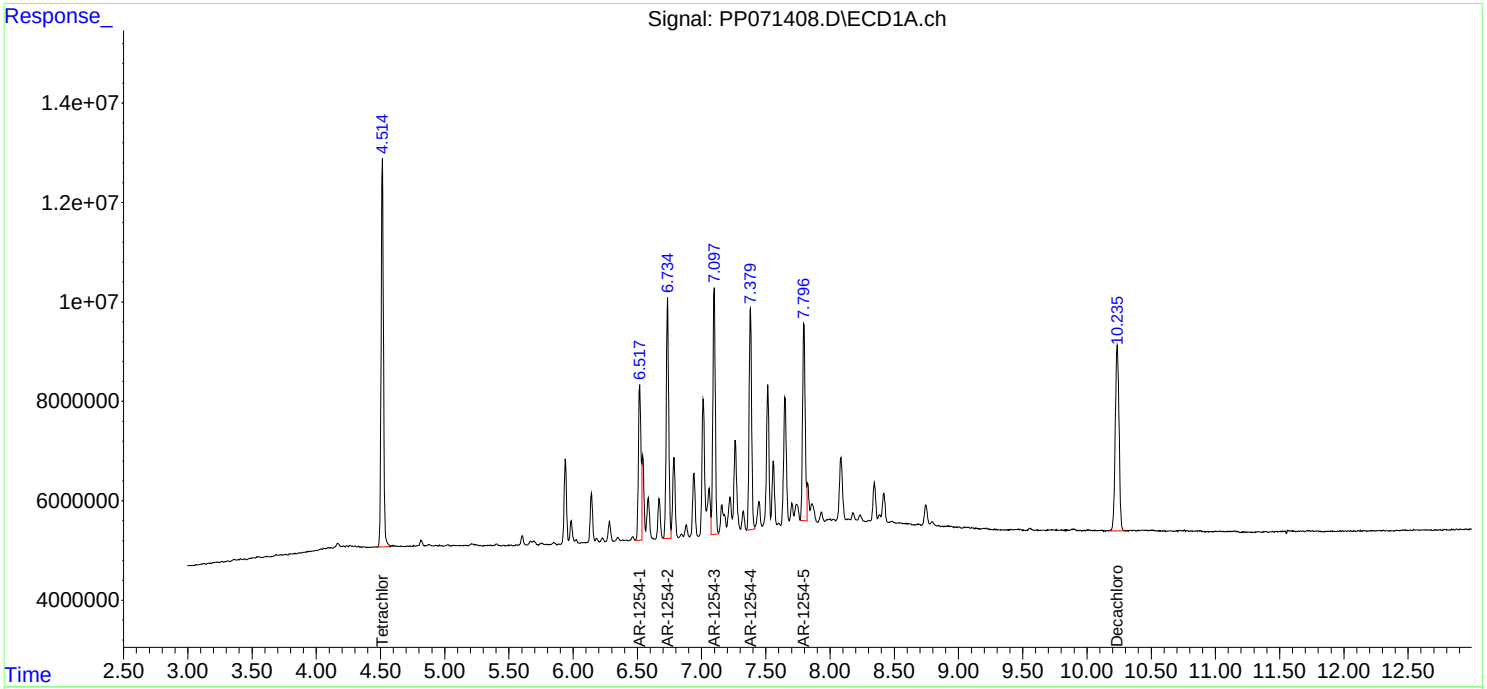
ICAL Form

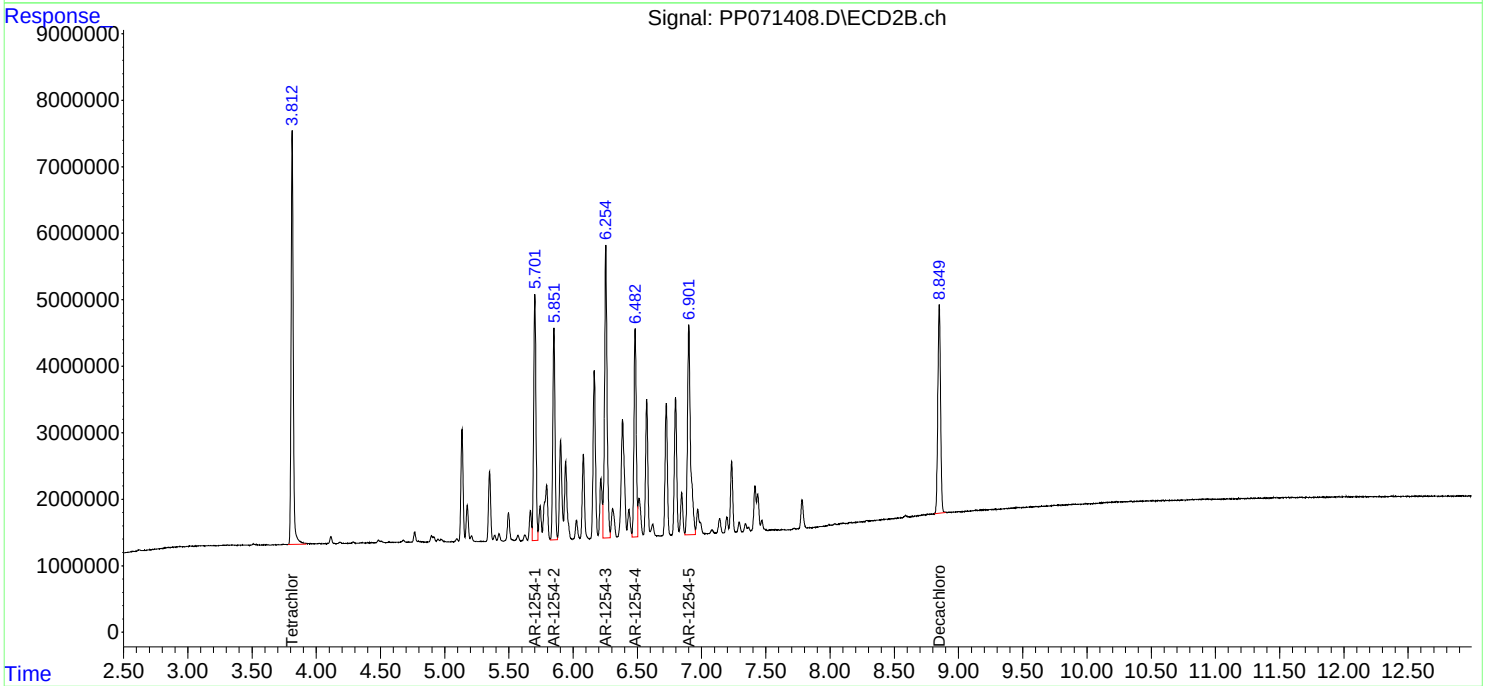
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:38
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

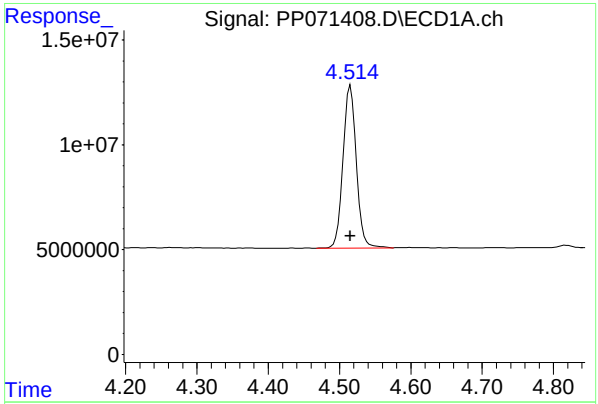
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:48:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



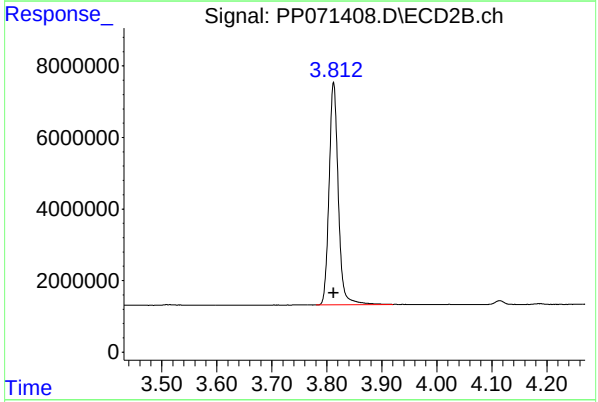




#1 Tetrachloro-m-xylene

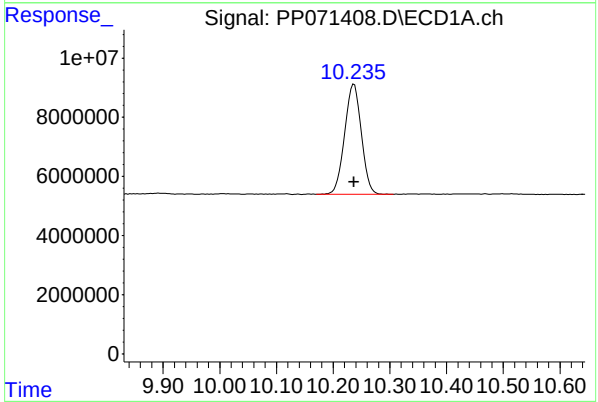
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 100618430
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



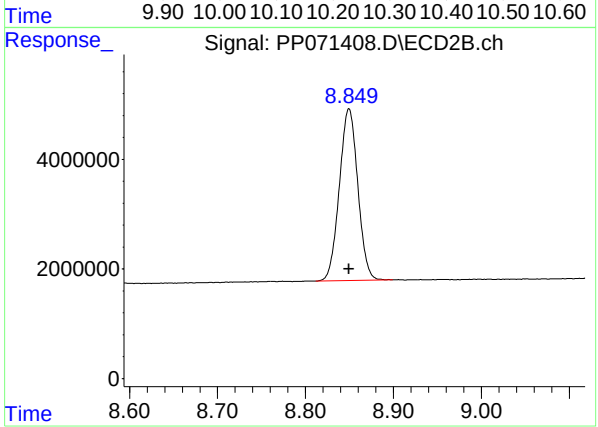
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 72545075
Conc: 50.00 ng/ml



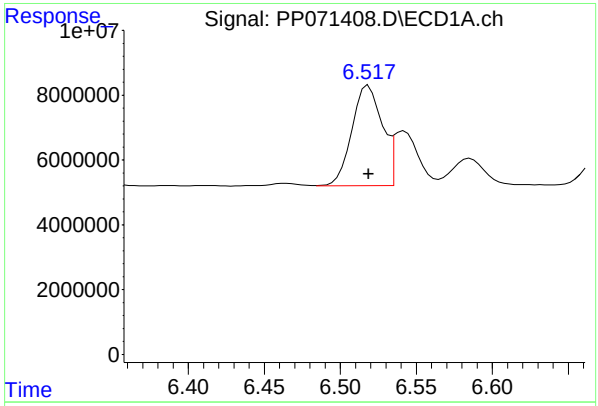
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 76319487
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

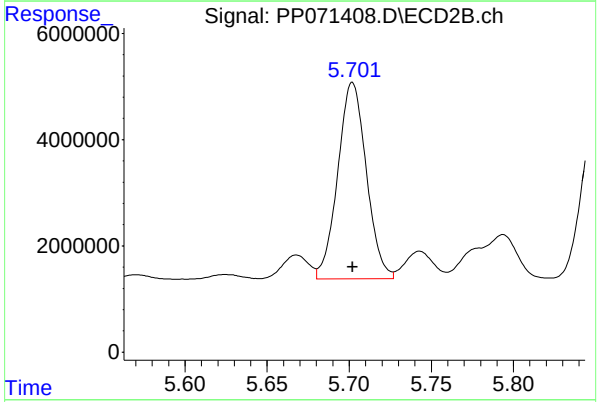
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 45805245
Conc: 50.00 ng/ml



#26 AR-1254-1

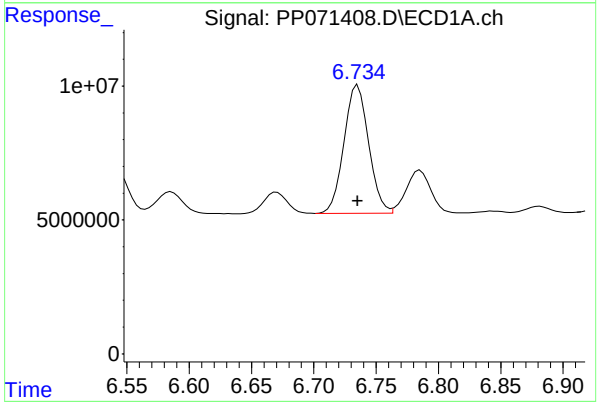
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 42788667
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



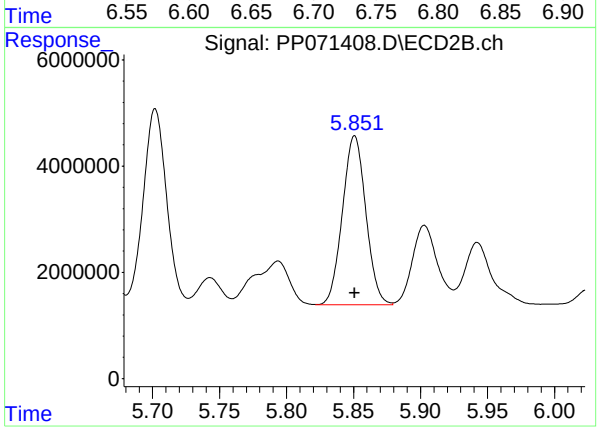
#26 AR-1254-1

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 44877702
Conc: 500.00 ng/ml



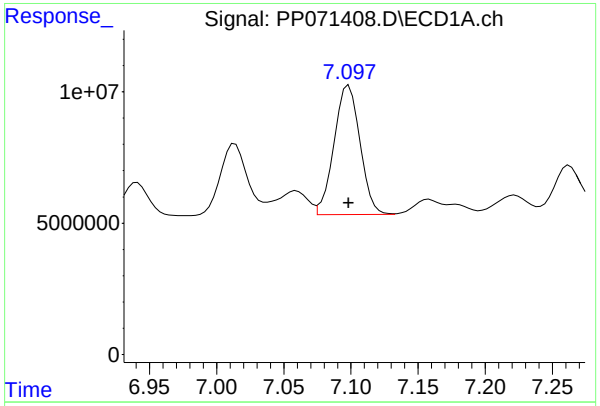
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 66073164
Conc: 500.00 ng/ml



#27 AR-1254-2

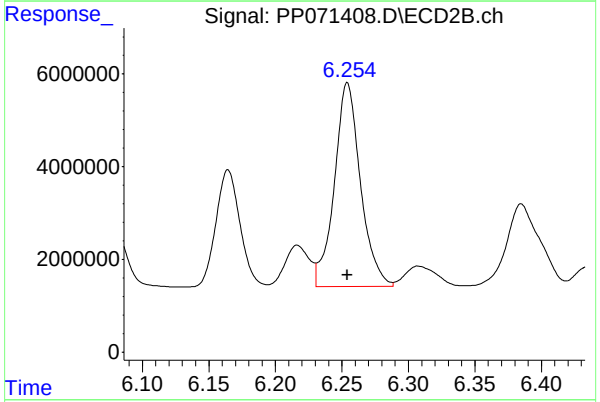
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 38658957
Conc: 500.00 ng/ml



#28 AR-1254-3

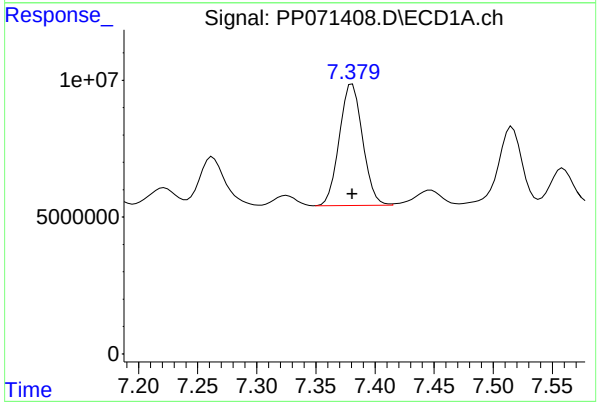
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 66490827
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



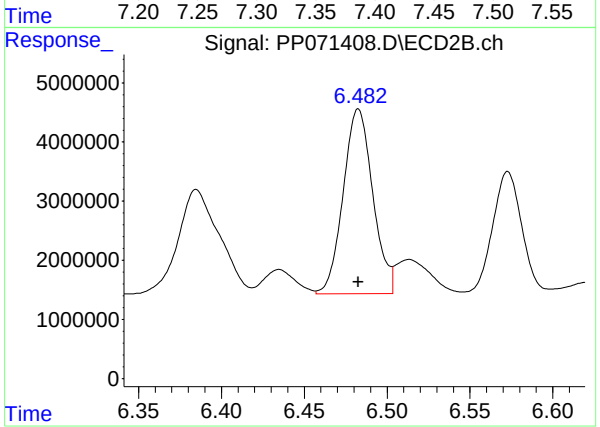
#28 AR-1254-3

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 60048409
Conc: 500.00 ng/ml



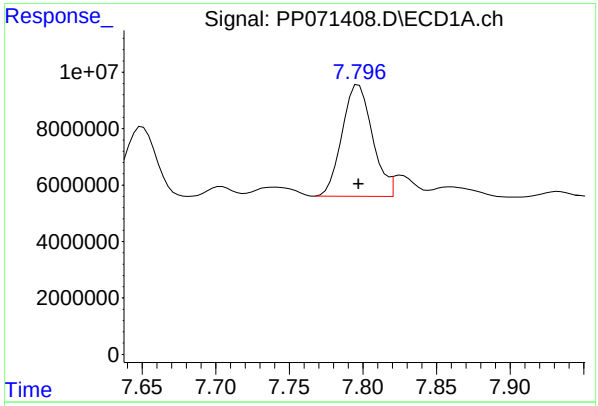
#29 AR-1254-4

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 60868718
Conc: 500.00 ng/ml



#29 AR-1254-4

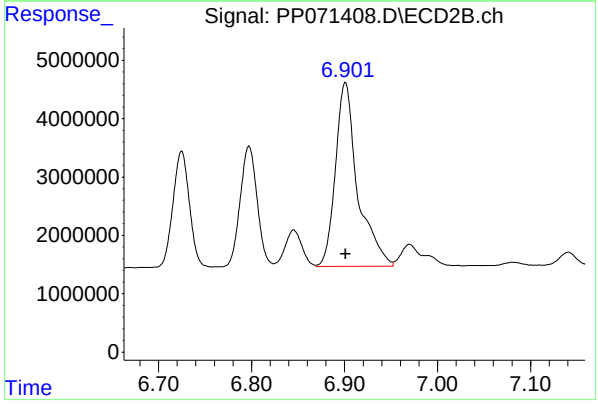
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 38905081
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 56892560
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 52345397
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071409.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:55
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:07:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.813	51789148	37965204	26.192	25.910
2)	SA Decachlor...	10.234	8.850	38742671	23881547	26.022	26.587
	Target Compounds						
26)	L6 AR-1254-1	6.517	5.703	22149547	24321384	265.267	273.203
27)	L6 AR-1254-2	6.733	5.851	34278927	20788594	265.367	271.757
28)	L6 AR-1254-3	7.096	6.255	34405813	31095041	263.728	265.596
29)	L6 AR-1254-4	7.379	6.483	31098214	20469357	261.934	269.399
30)	L6 AR-1254-5	7.796	6.901	29038261	26846100	262.635	268.183

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

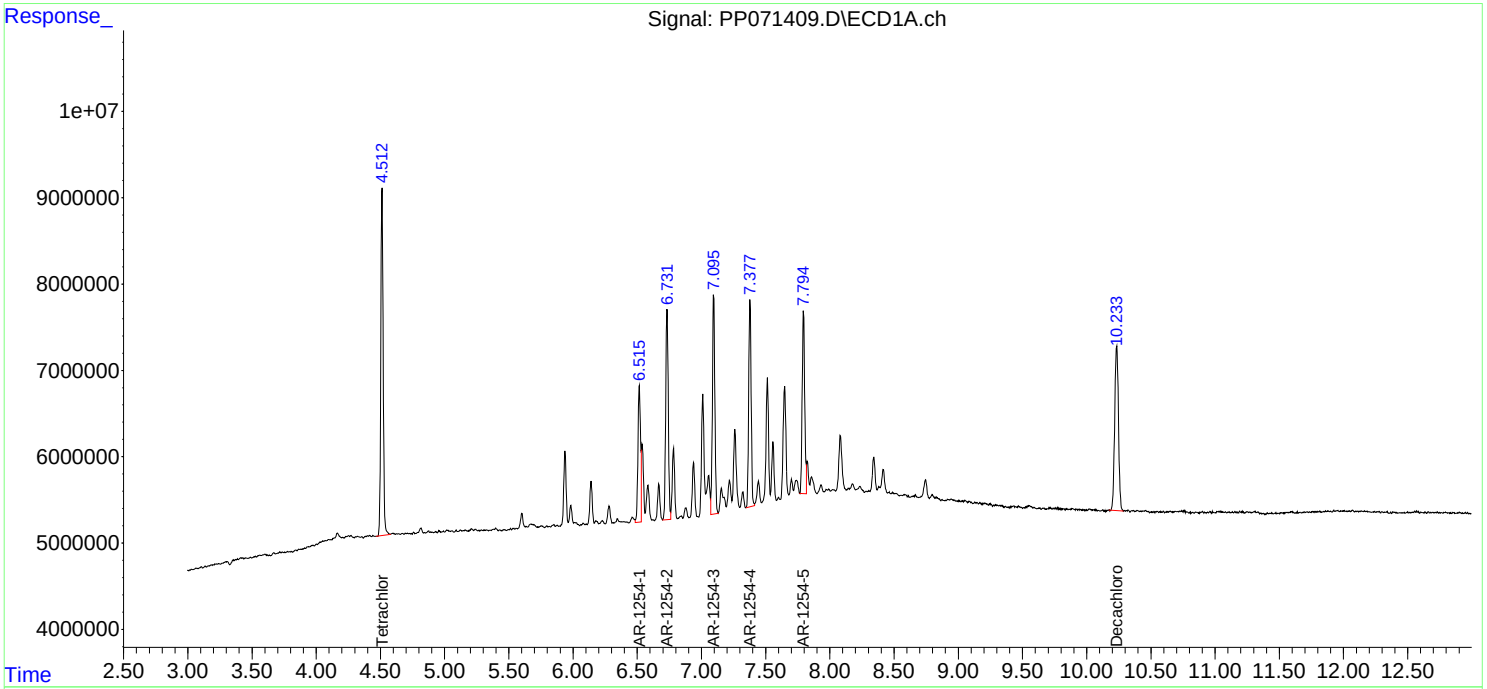
ICAL Form

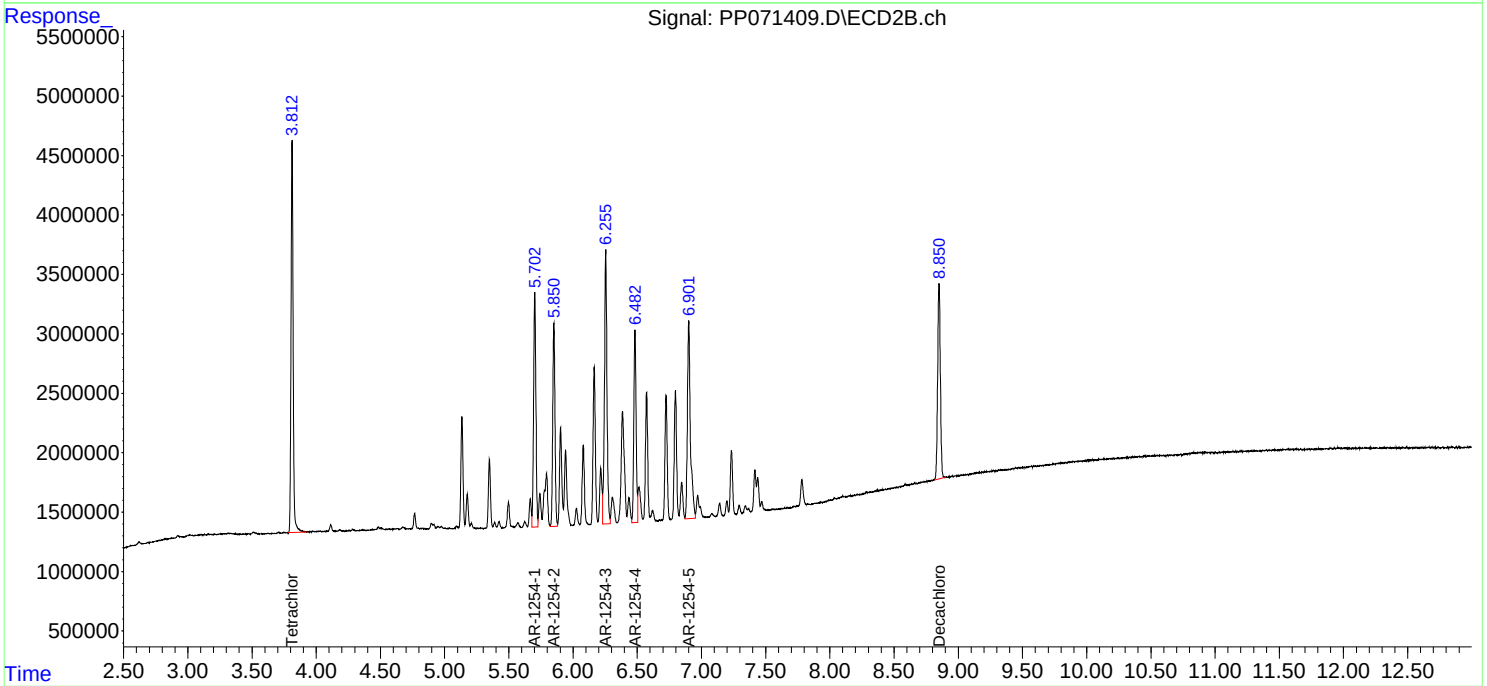
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071409.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:55
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

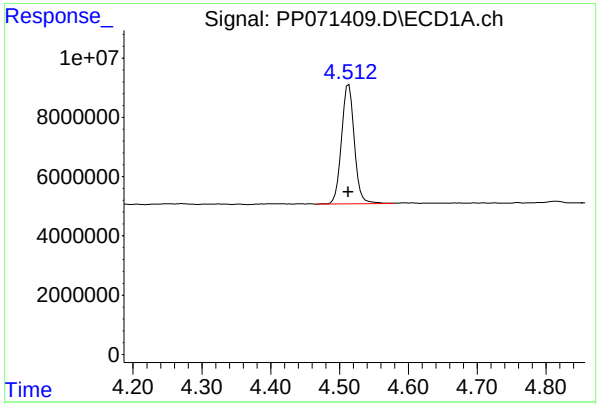
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:07:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



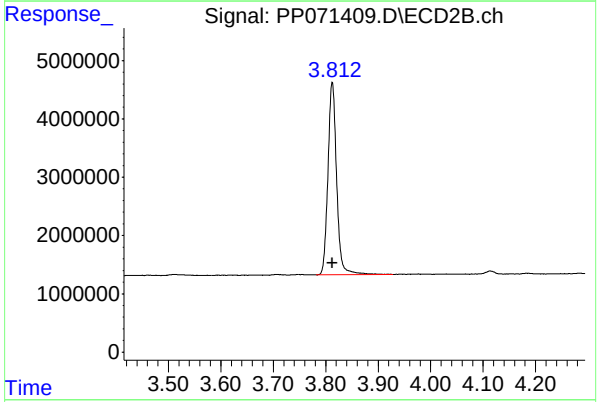




#1 Tetrachloro-m-xylene

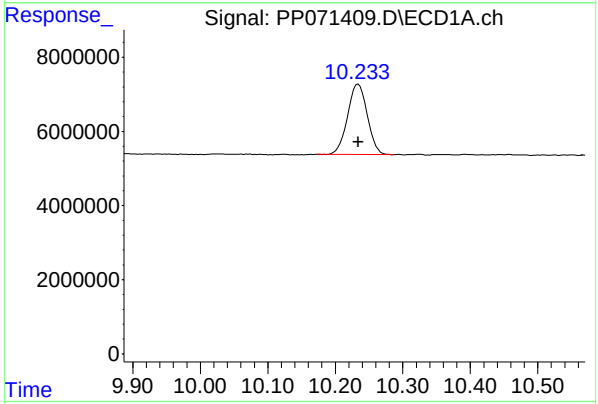
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 51789148
Conc: 26.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



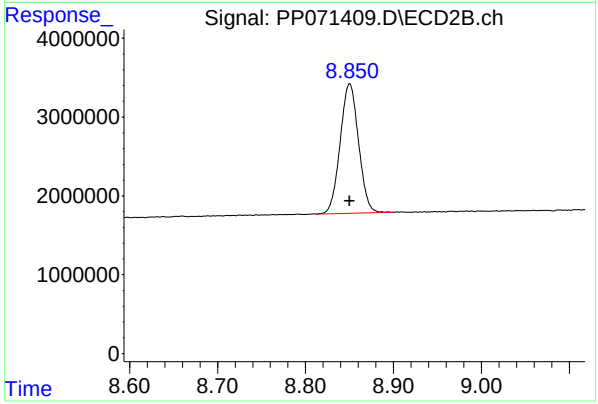
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 37965204
Conc: 25.91 ng/ml



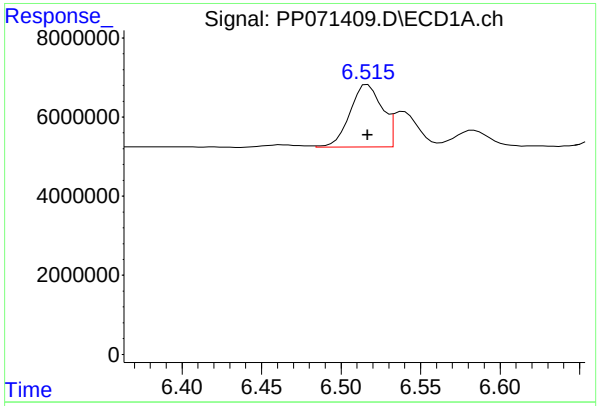
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 38742671
Conc: 26.02 ng/ml



#2 Decachlorobiphenyl

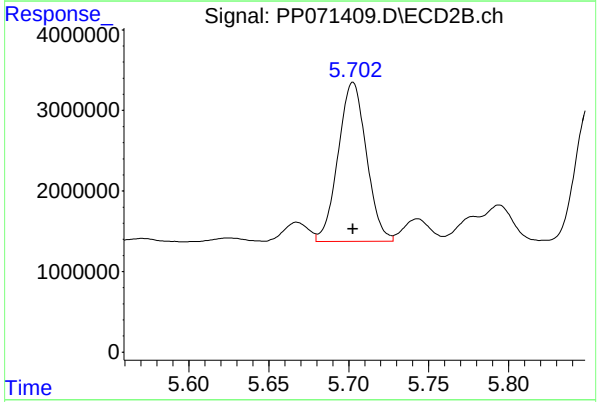
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 23881547
Conc: 26.59 ng/ml



#26 AR-1254-1

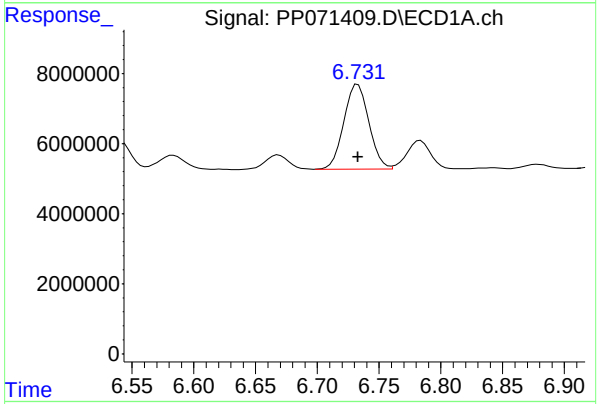
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 22149547
Conc: 265.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



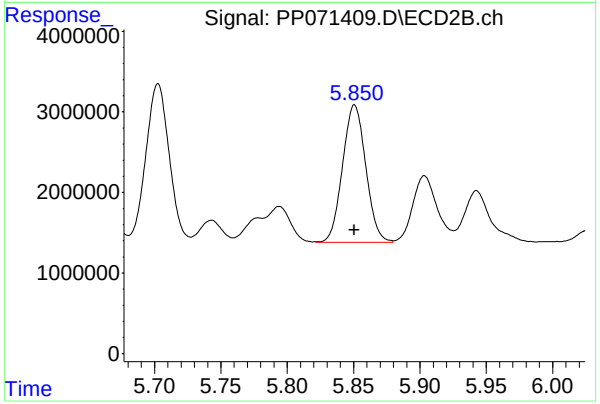
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 24321384
Conc: 273.20 ng/ml



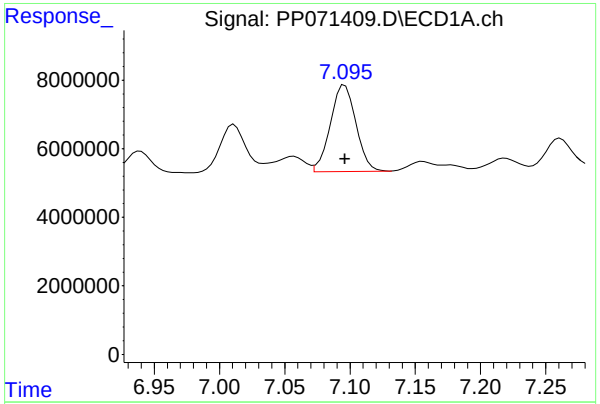
#27 AR-1254-2

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 34278927
Conc: 265.37 ng/ml



#27 AR-1254-2

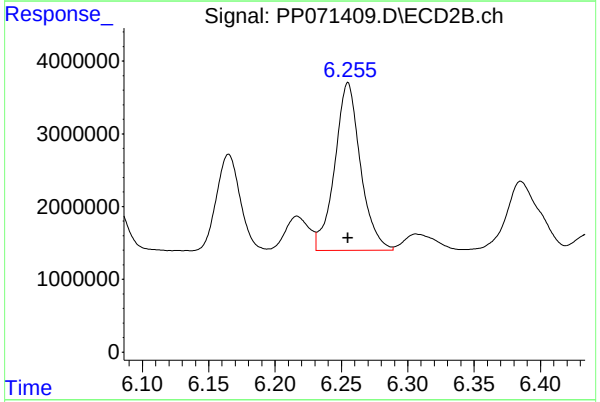
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 20788594
Conc: 271.76 ng/ml



#28 AR-1254-3

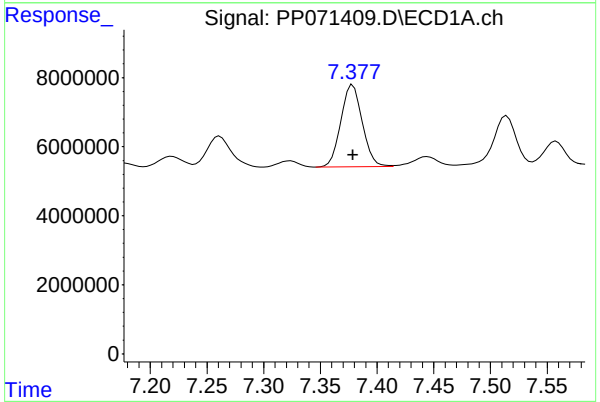
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 34405813
Conc: 263.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



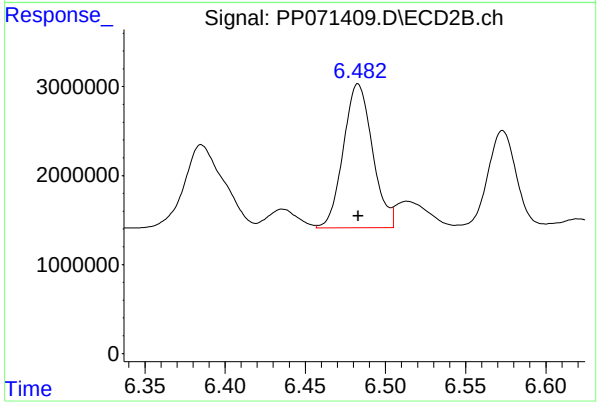
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 31095041
Conc: 265.60 ng/ml



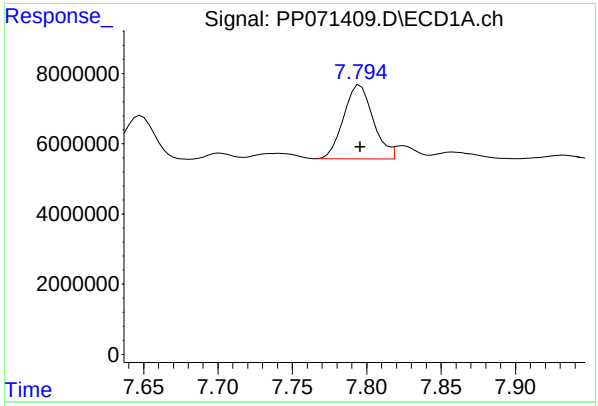
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 31098214
Conc: 261.93 ng/ml



#29 AR-1254-4

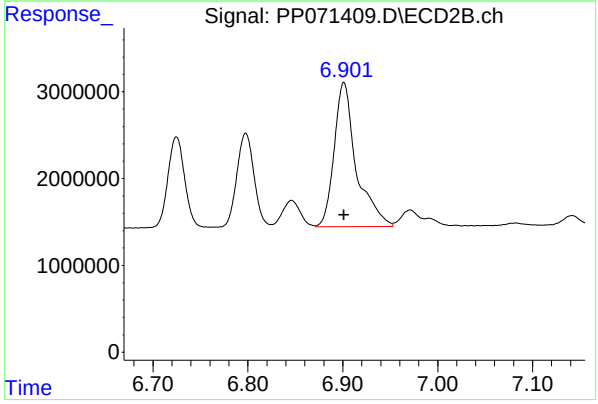
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 20469357
Conc: 269.40 ng/ml



#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: 0.000 min
Response: 29038261
Conc: 262.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 26846100
Conc: 268.18 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:11
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:54:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.813	8612576	7342515	4.471m	5.009
2)	SA Decachlor...	10.236	8.850	6643627	4341119	4.560	4.865
	Target Compounds						
26)	L6 AR-1254-1	6.520	5.703	3787970	5045448	46.222	55.202
27)	L6 AR-1254-2	6.735	5.852	5933913	4378664	46.696	55.629
28)	L6 AR-1254-3	7.099	6.255	5851823	6211772	45.798	52.416
29)	L6 AR-1254-4	7.382	6.484	5633281	4095094	47.937	53.069
30)	L6 AR-1254-5	7.798	6.901	4819584	5346230	44.737	52.689

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:11
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

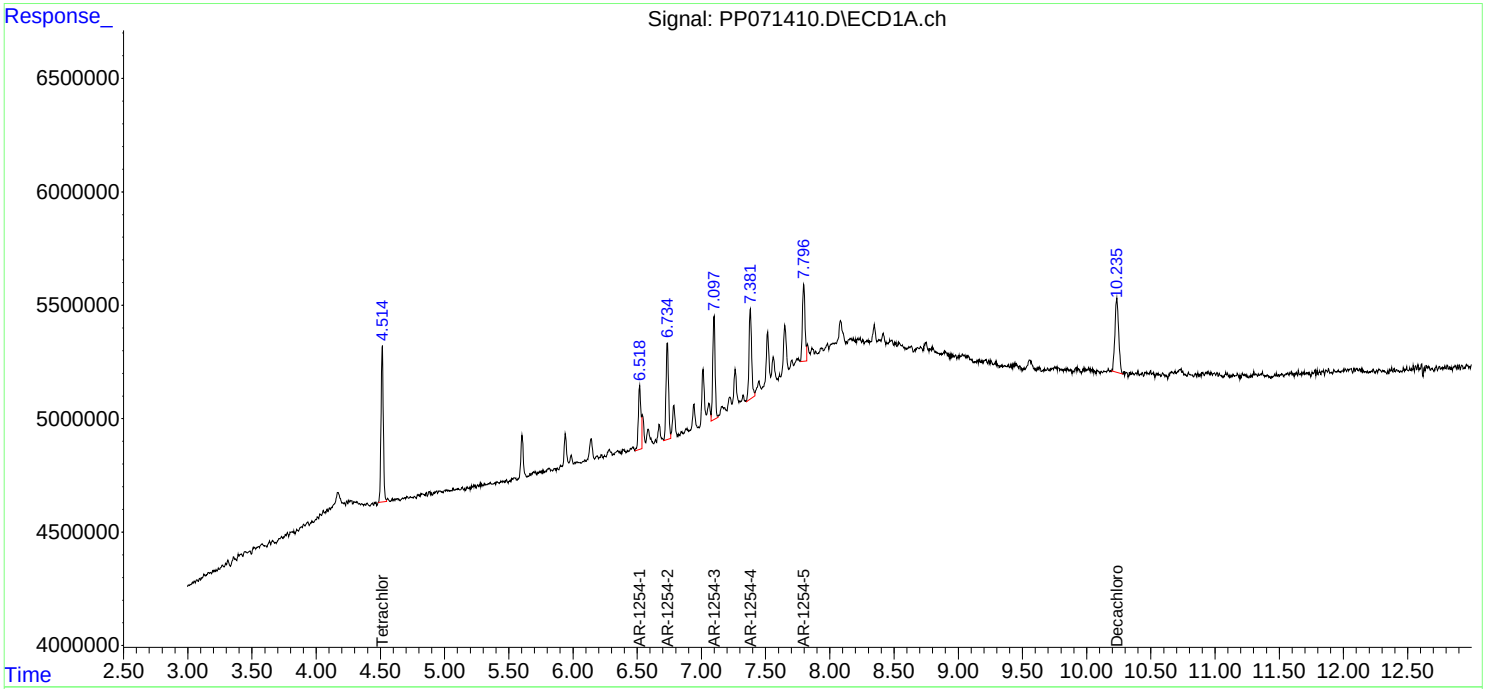
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

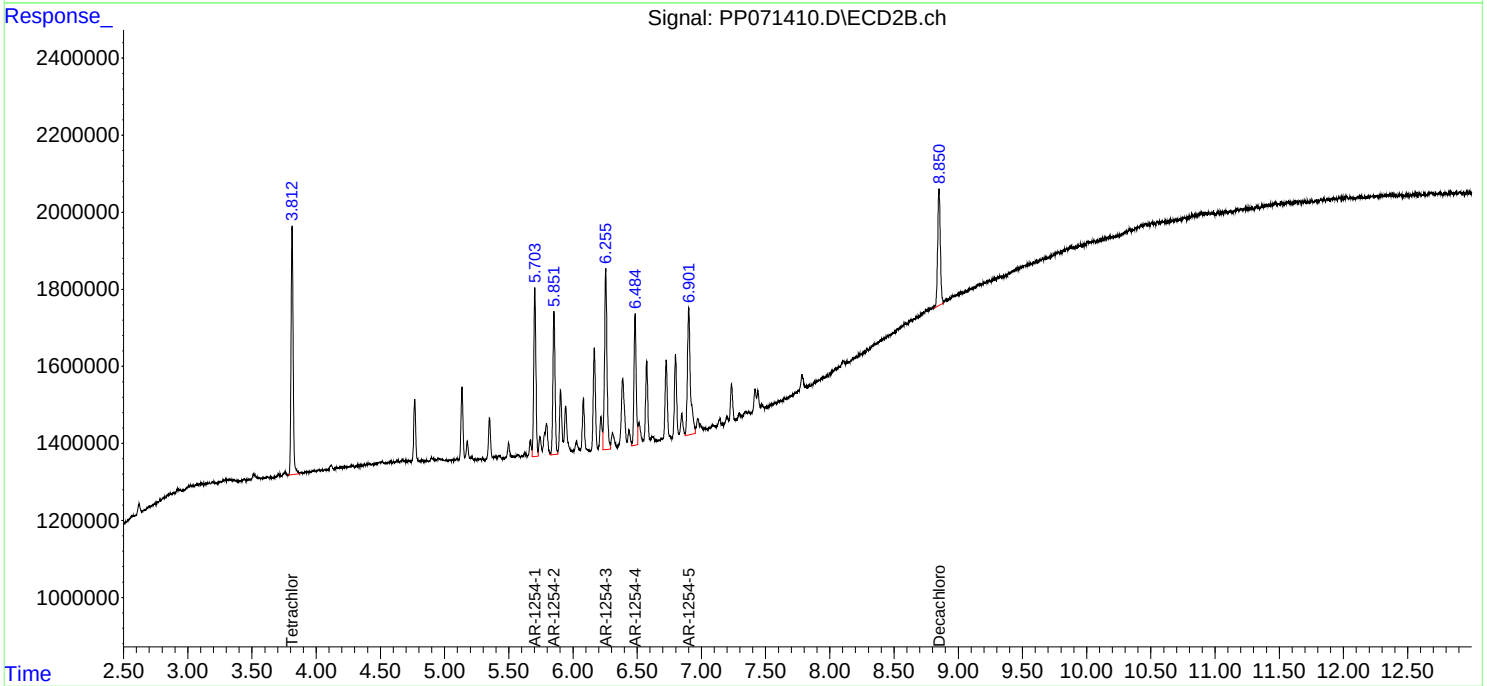
Manual Integrations APPROVED

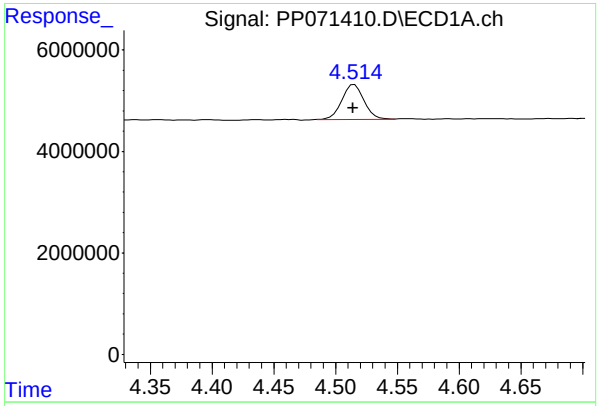
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:54:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







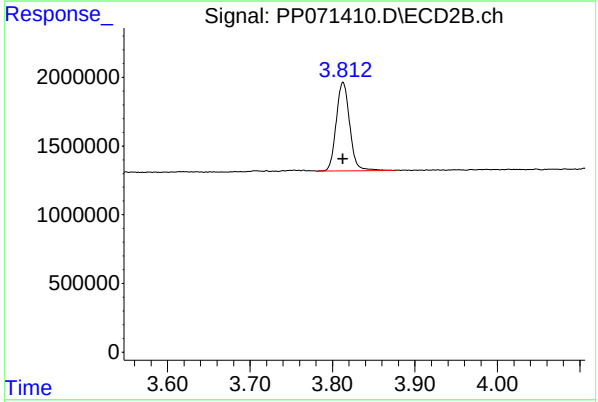
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 8612576
Conc: 4.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

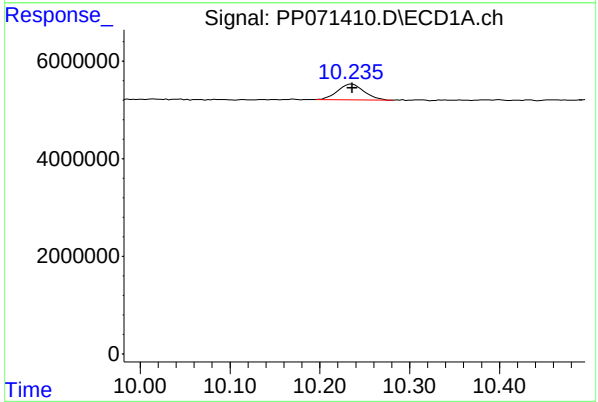
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



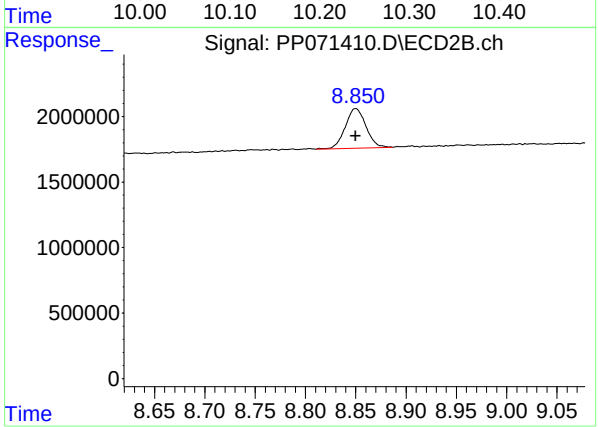
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 7342515
Conc: 5.01 ng/ml



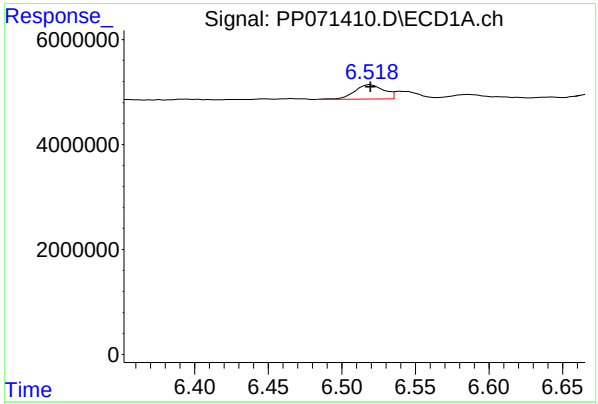
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 6643627
Conc: 4.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4341119
Conc: 4.87 ng/ml



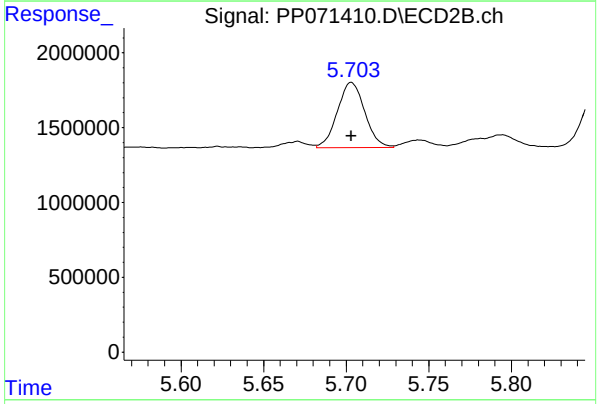
#26 AR-1254-1

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 3787970
Conc: 46.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

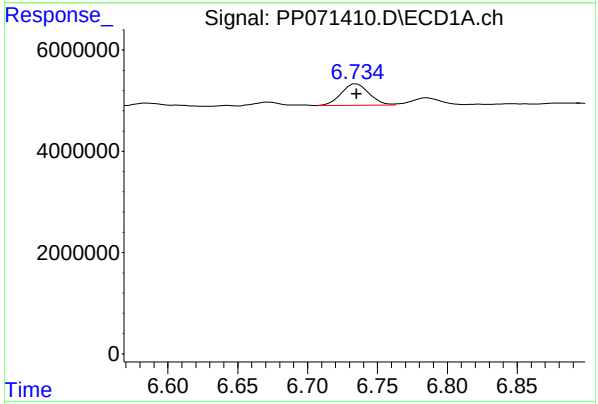
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



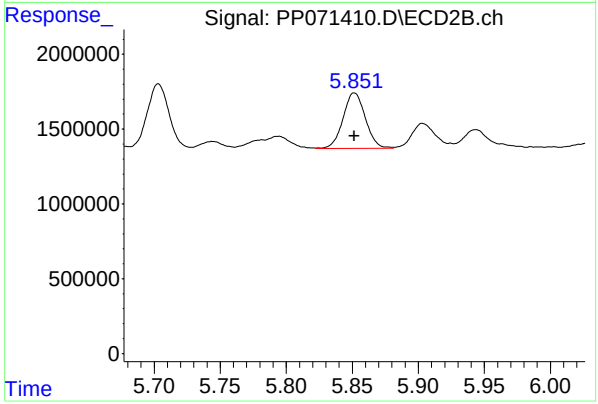
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 5045448
Conc: 55.20 ng/ml



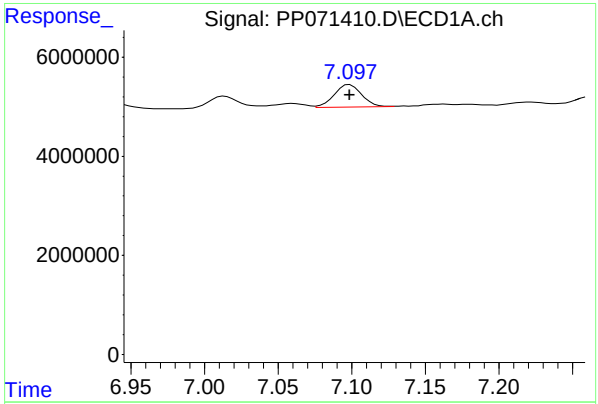
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 5933913
Conc: 46.70 ng/ml



#27 AR-1254-2

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 4378664
Conc: 55.63 ng/ml



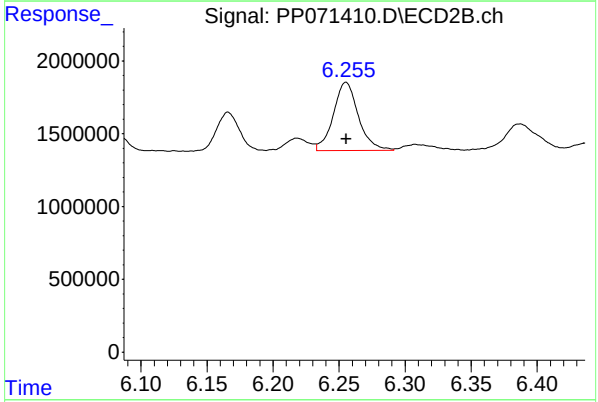
#28 AR-1254-3

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 5851823
Conc: 45.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

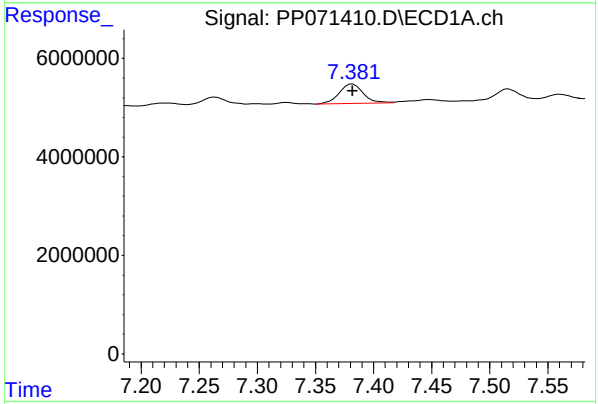
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



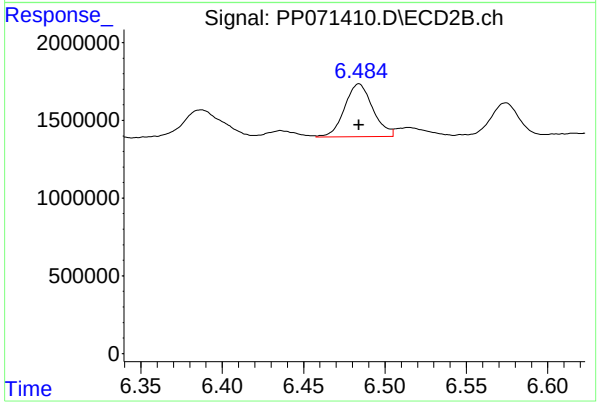
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 6211772
Conc: 52.42 ng/ml



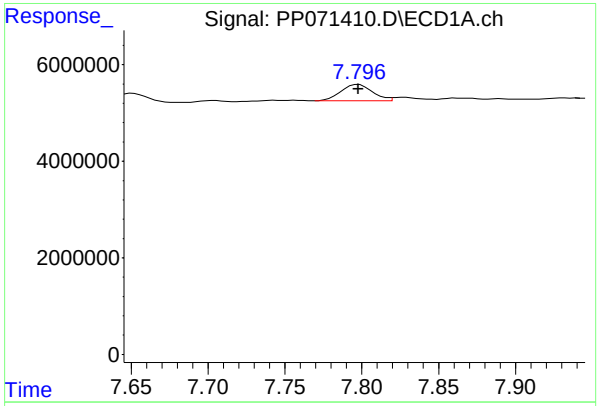
#29 AR-1254-4

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 5633281
Conc: 47.94 ng/ml



#29 AR-1254-4

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 4095094
Conc: 53.07 ng/ml



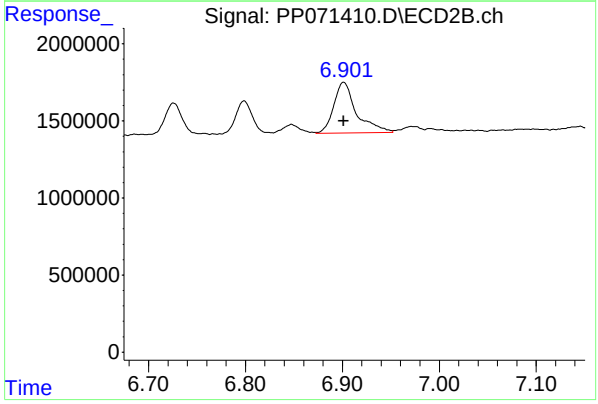
#30 AR-1254-5

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 4819584
Conc: 44.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 5346230
Conc: 52.69 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:27
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 17:08:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	98220466	71170259	50.000	50.000
2)	SA Decachlor...	10.235	8.850	74643123	44870081	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.100	6.939	72245642	56806132	500.000	500.000
37)	L8 AR-1262-2	8.420	7.198	137.1E6	46169678	500.000	500.000
38)	L8 AR-1262-3	8.737	7.721	91438860	37847231	500.000	500.000
39)	L8 AR-1262-4	8.822	7.786	67105487	62412938	500.000	500.000
40)	L8 AR-1262-5	9.478	8.286	44080983	27746588	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

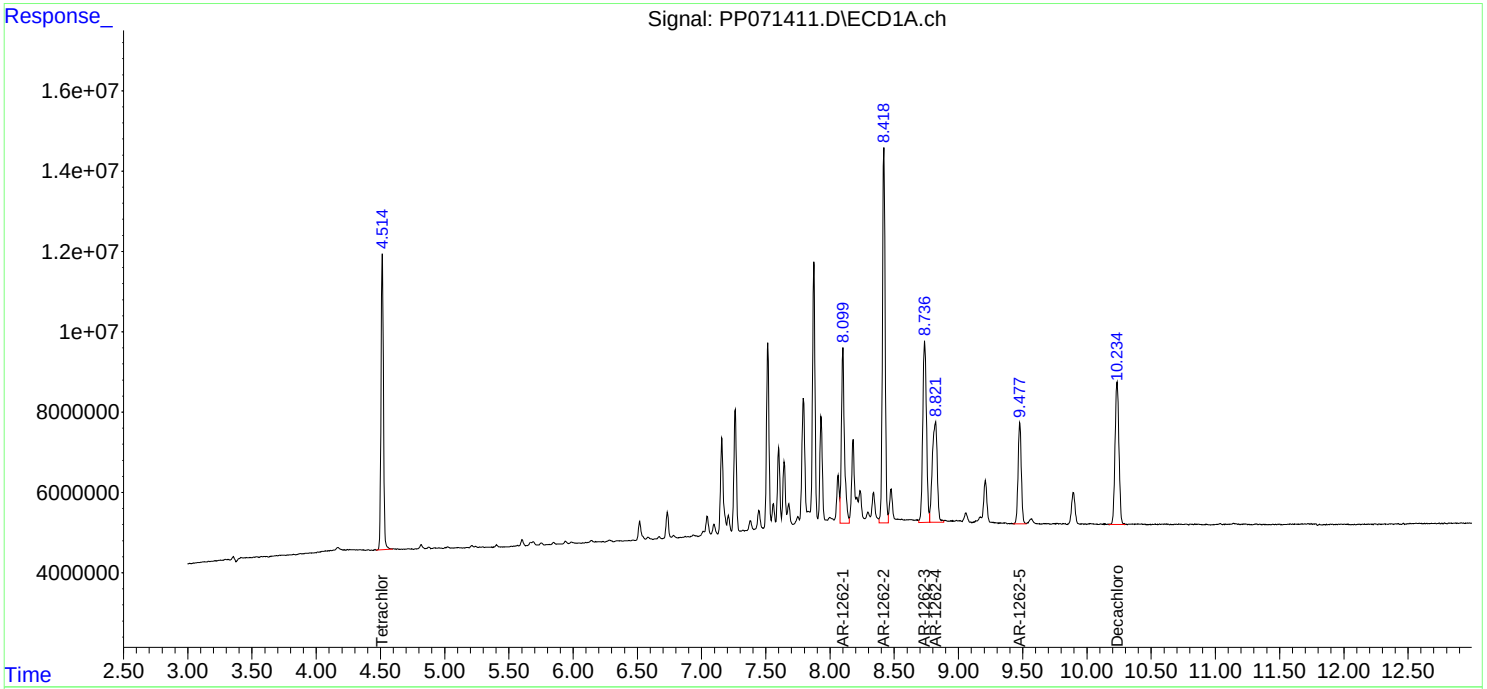
ICAL Form

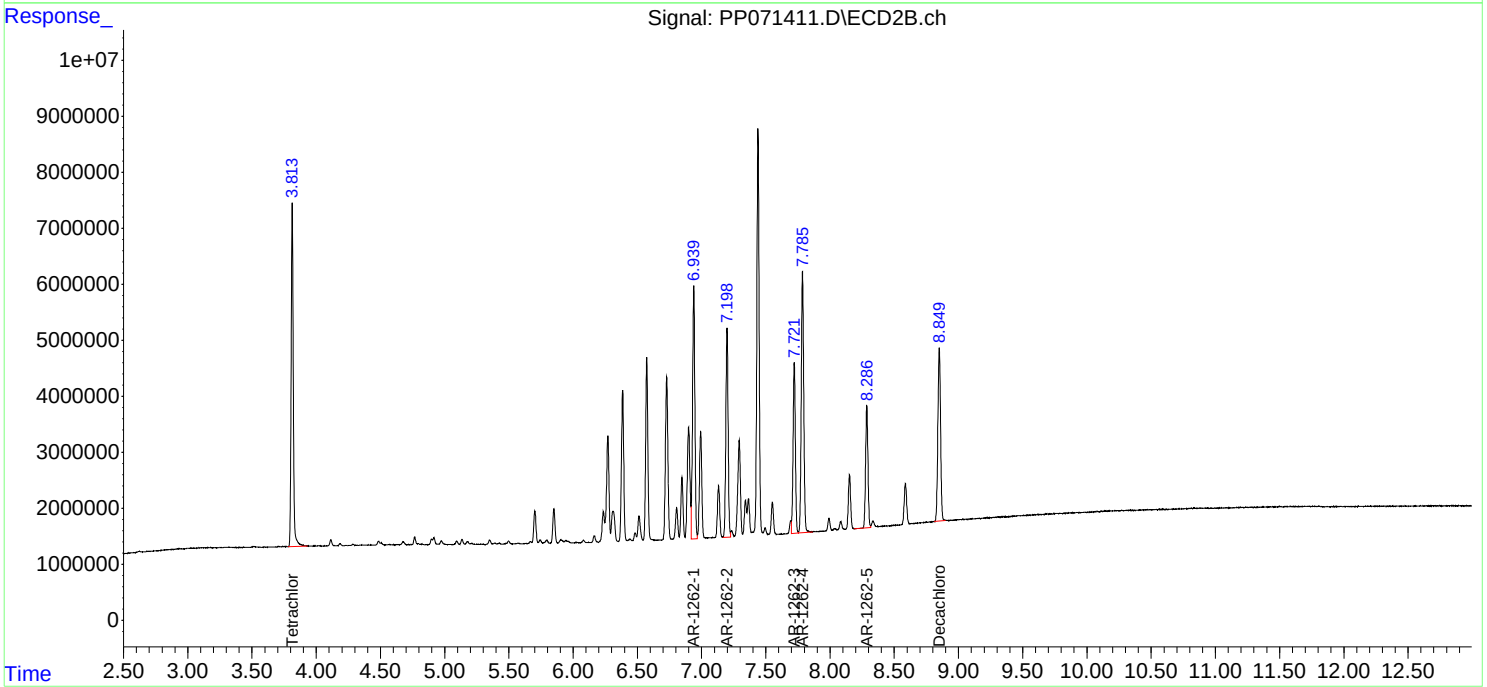
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:27
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

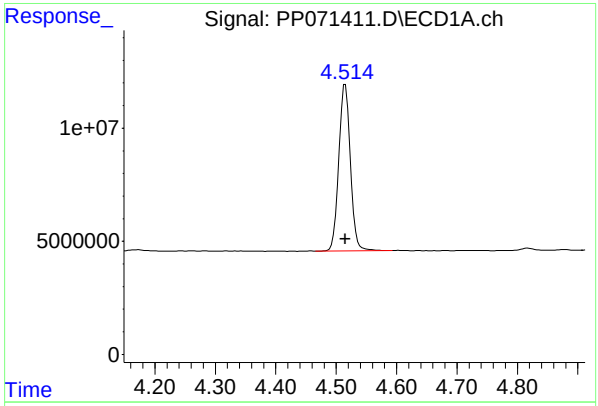
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 17:08:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



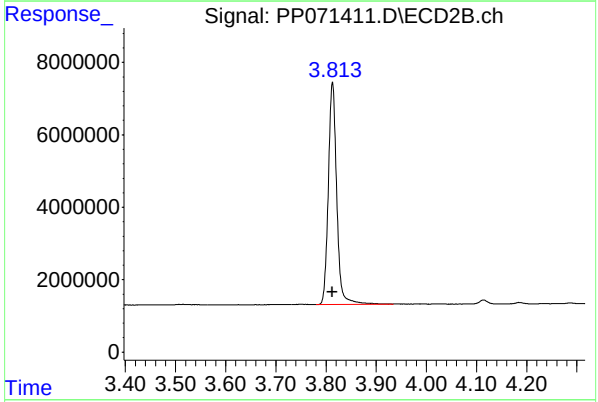




#1 Tetrachloro-m-xylene

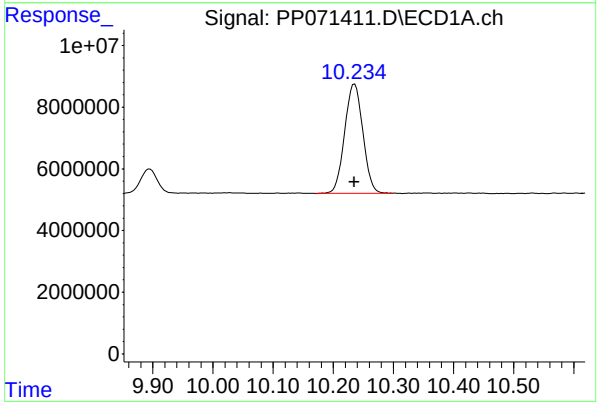
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 98220466
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



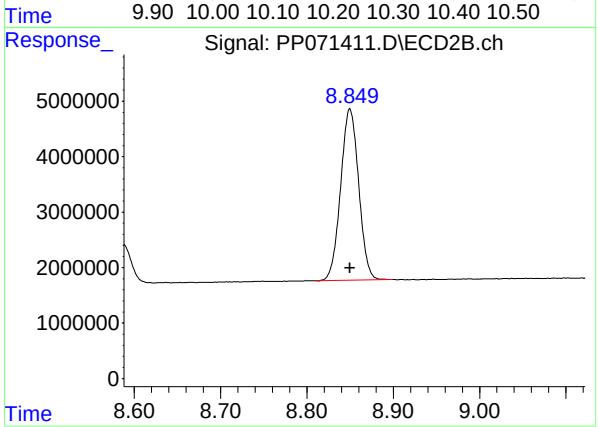
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 71170259
Conc: 50.00 ng/ml



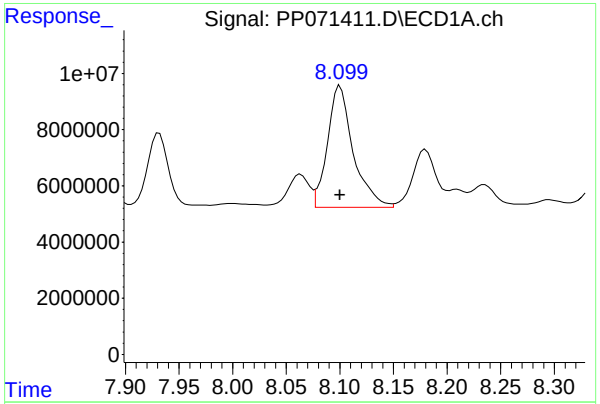
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 74643123
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

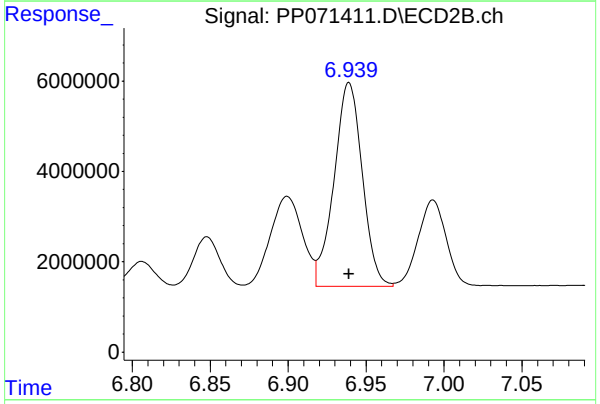
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 44870081
Conc: 50.00 ng/ml



#36 AR-1262-1

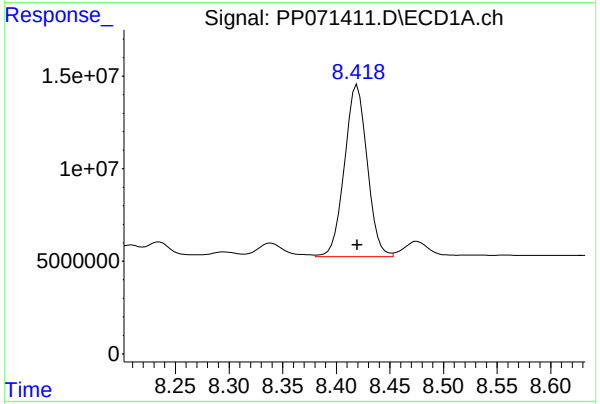
R.T.: 8.100 min
Delta R.T.: 0.000 min
Response: 72245642
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



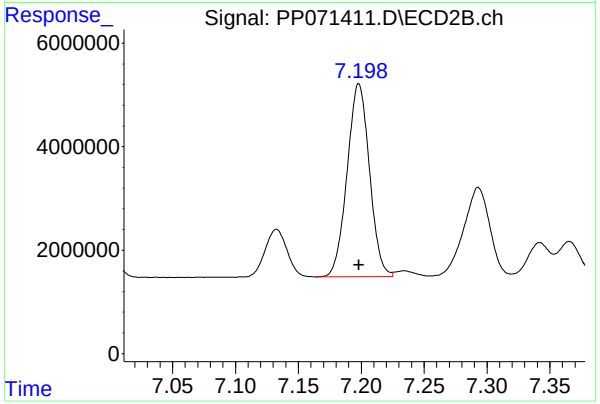
#36 AR-1262-1

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 56806132
Conc: 500.00 ng/ml



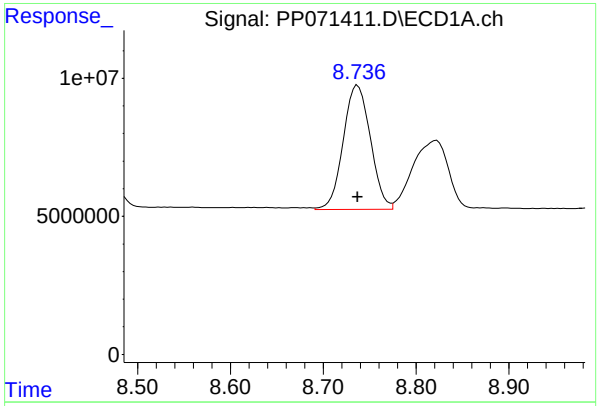
#37 AR-1262-2

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 137093050
Conc: 500.00 ng/ml



#37 AR-1262-2

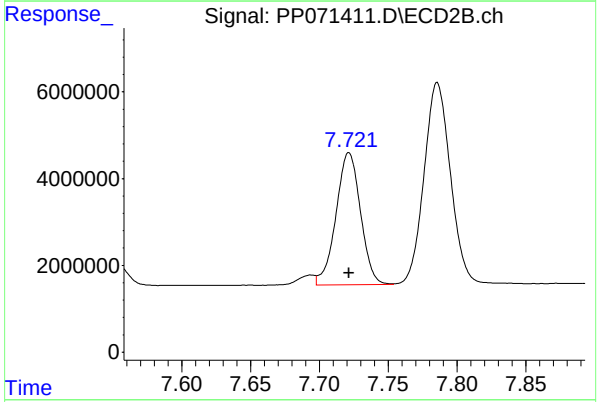
R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 46169678
Conc: 500.00 ng/ml



#38 AR-1262-3

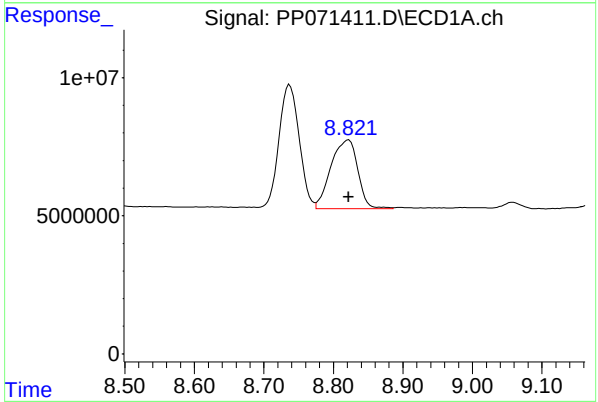
R.T.: 8.737 min
Delta R.T.: 0.000 min
Response: 91438860
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



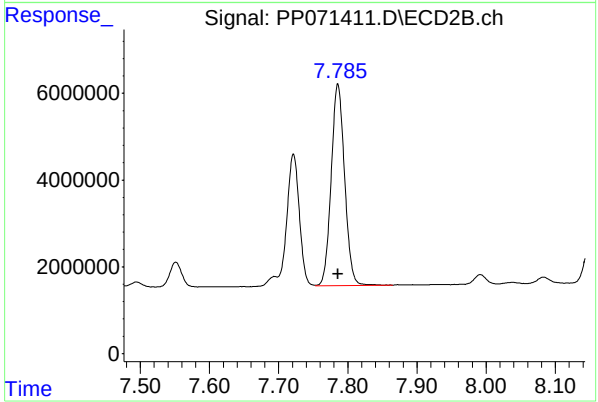
#38 AR-1262-3

R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 37847231
Conc: 500.00 ng/ml



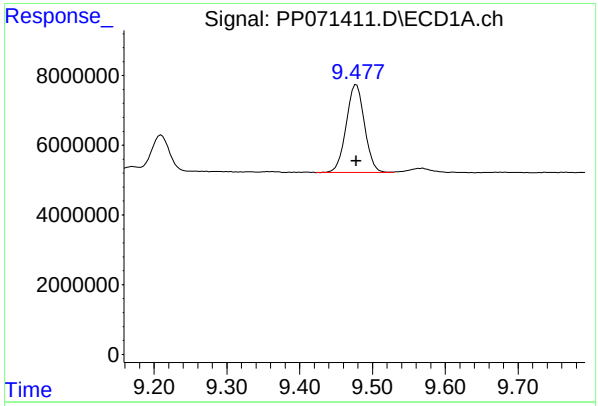
#39 AR-1262-4

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 67105487
Conc: 500.00 ng/ml



#39 AR-1262-4

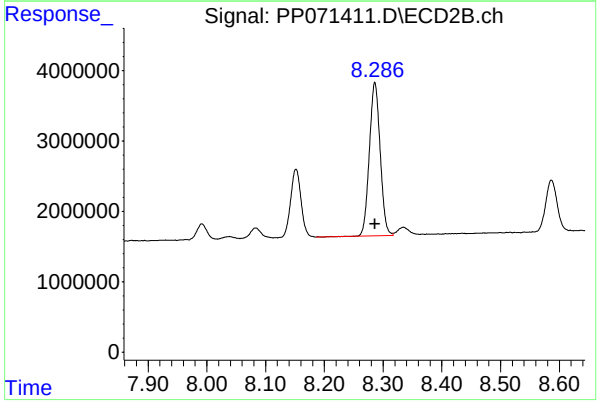
R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 62412938
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 44080983
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 27746588
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:44:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	188.4E6	147.6E6	95.054	100.837
2)	SA Decachlor...	10.235	8.850	248.7E6	149.9E6	93.152	93.528
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	299.6E6	181.9E6	936.979	895.922m
42)	L9 AR-1268-2	8.826	7.788	251.1E6	154.8E6	937.116	896.075
43)	L9 AR-1268-3	9.058	7.993	211.9E6	128.5E6	940.656	898.014
44)	L9 AR-1268-4	9.477	8.287	93231632	56964280	941.667	896.773
45)	L9 AR-1268-5	9.894	8.588	590.1E6	367.0E6	950.117	952.869

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

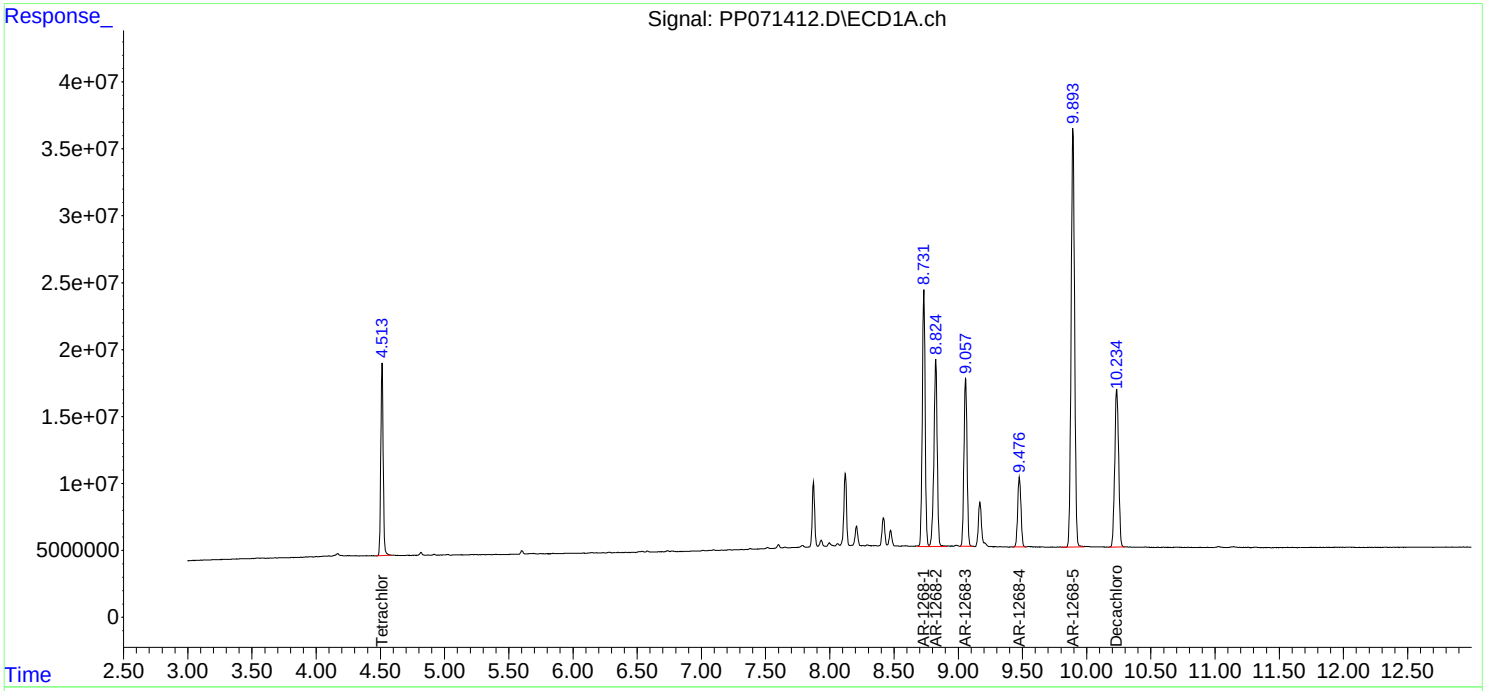
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

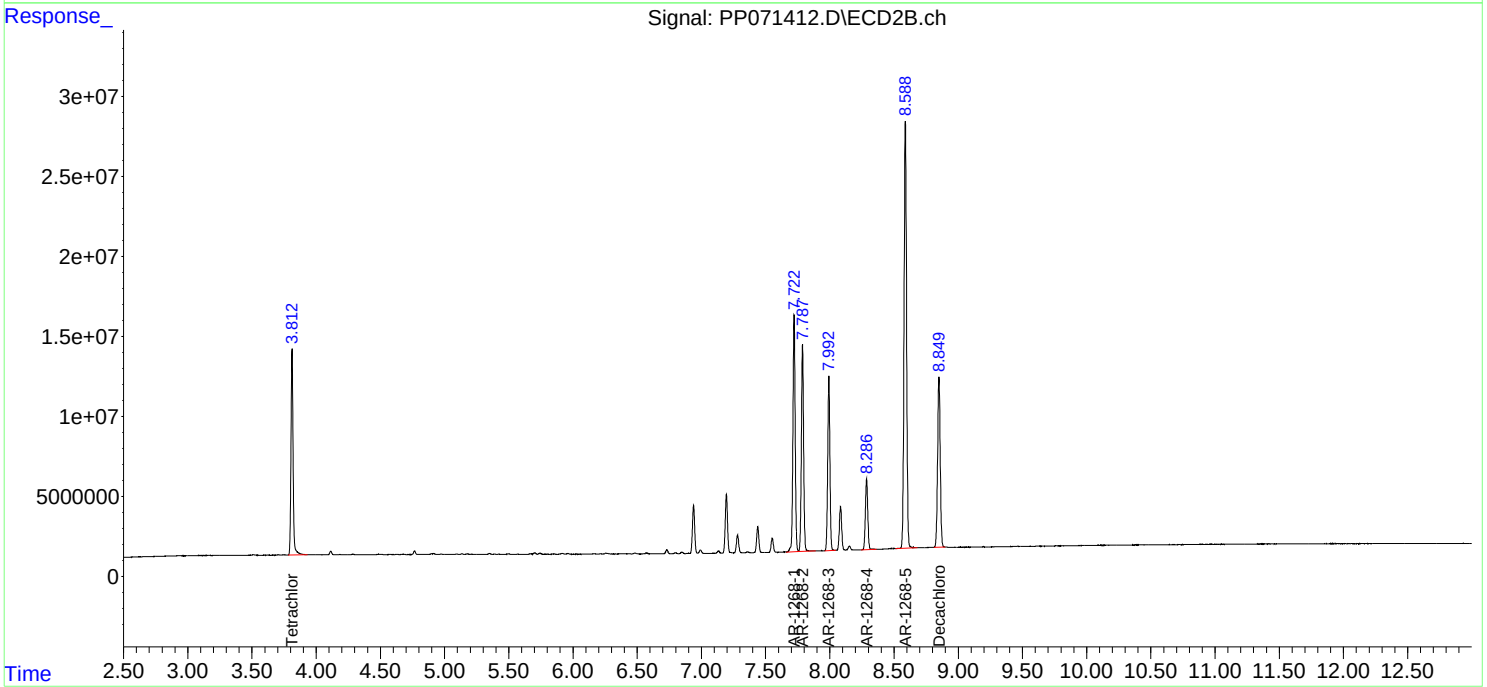
Manual Integrations APPROVED

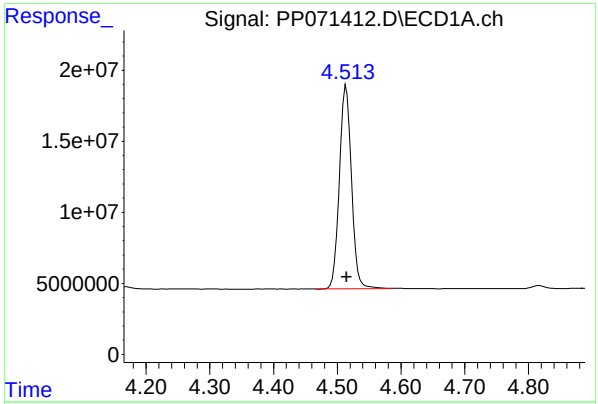
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:44:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







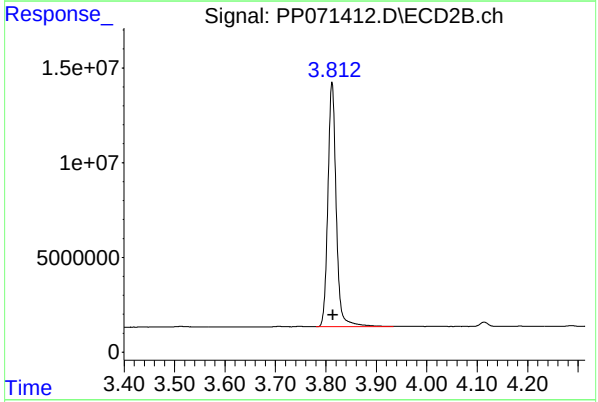
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 188397795
Conc: 95.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

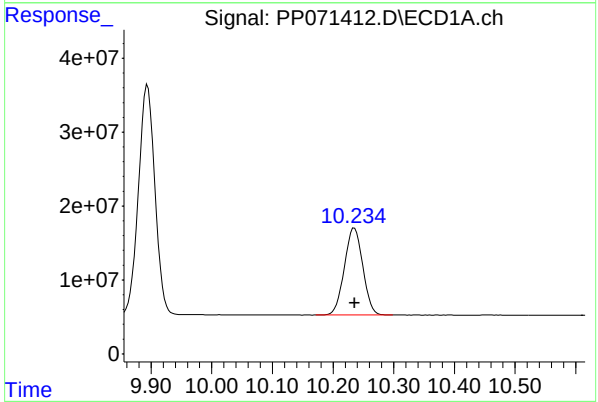
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



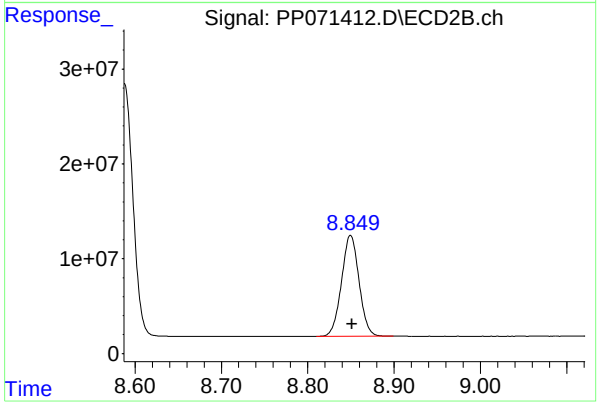
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 147647099
Conc: 100.84 ng/ml



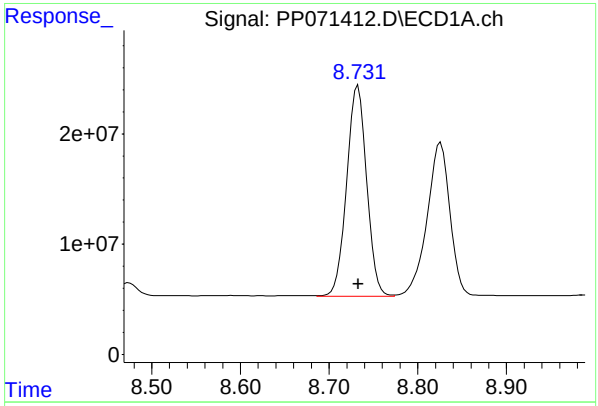
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 248662366
Conc: 93.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 149905120
Conc: 93.53 ng/ml



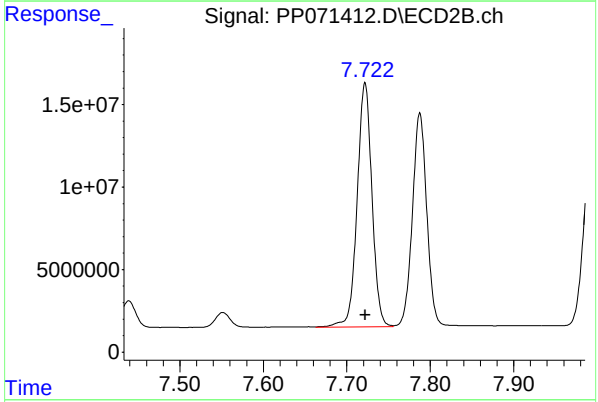
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 299594266
Conc: 936.98 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

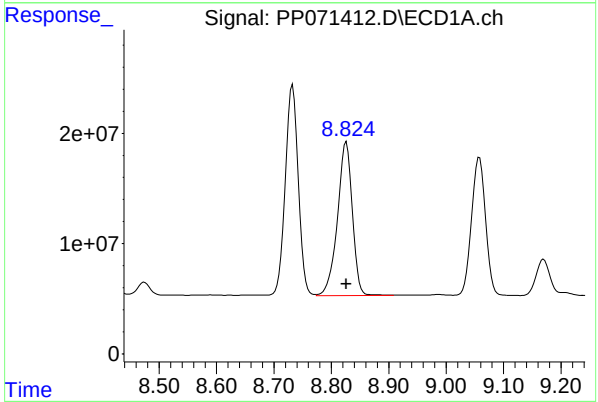
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



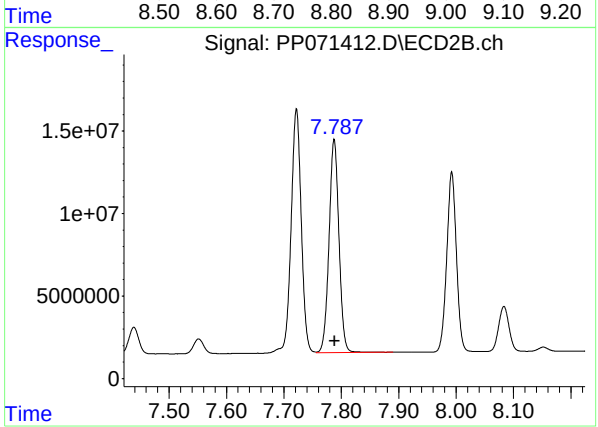
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 181860271
Conc: 895.92 ng/ml m



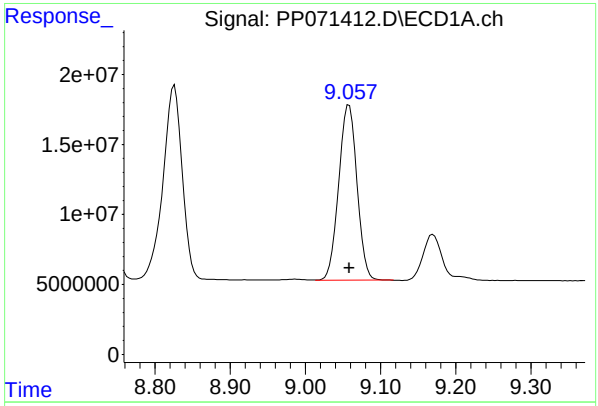
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 251109850
Conc: 937.12 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 154801411
Conc: 896.07 ng/ml



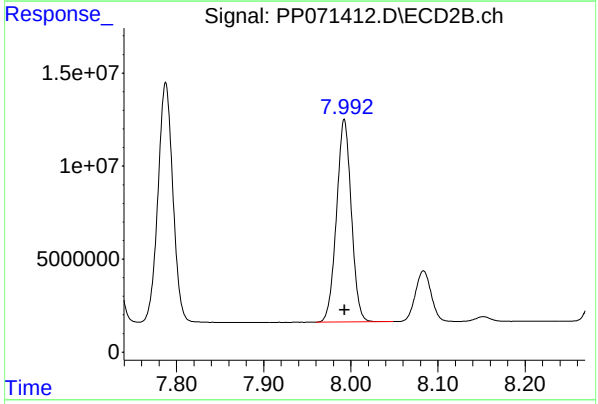
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 211915080
Conc: 940.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

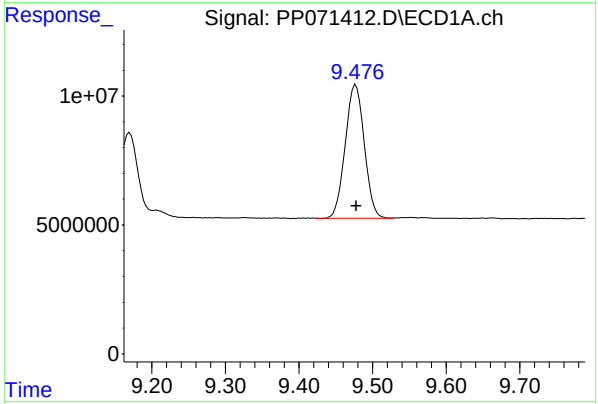
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



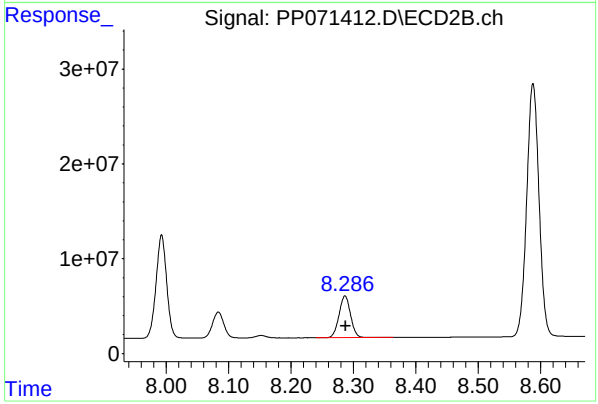
#43 AR-1268-3

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 128491160
Conc: 898.01 ng/ml



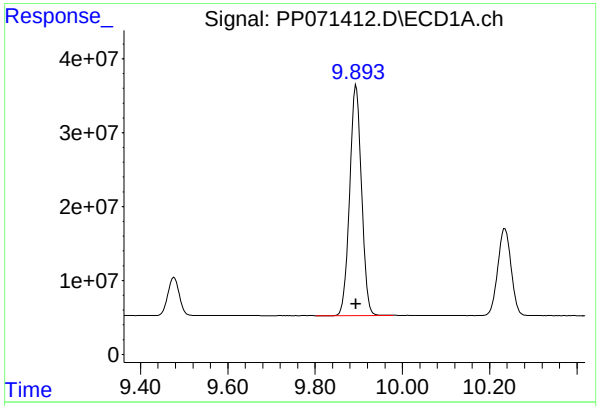
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 93231632
Conc: 941.67 ng/ml



#44 AR-1268-4

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 56964280
Conc: 896.77 ng/ml



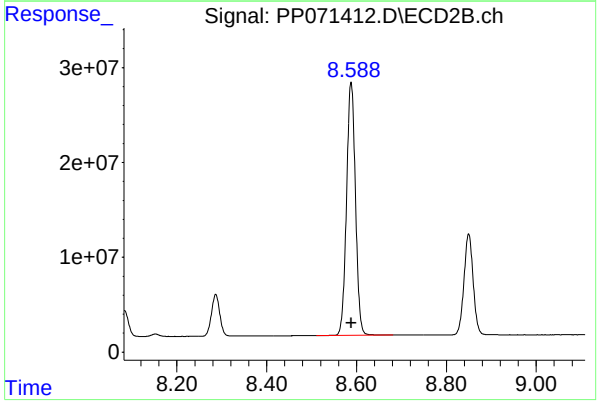
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 590082071
Conc: 950.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 367021219
Conc: 952.87 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:00
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	144.9E6	108.4E6	73.091	74.065
2)	SA Decachlor...	10.234	8.849	191.8E6	116.0E6	71.833	72.344
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.721	231.8E6	141.3E6	725.026	696.327m
42)	L9 AR-1268-2	8.826	7.787	194.3E6	119.6E6	725.052	692.534
43)	L9 AR-1268-3	9.058	7.991	163.8E6	99816904	726.929	697.612
44)	L9 AR-1268-4	9.476	8.285	72323269	44771879	730.486	704.831
45)	L9 AR-1268-5	9.894	8.587	452.8E6	283.3E6	729.082	735.437

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:00
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

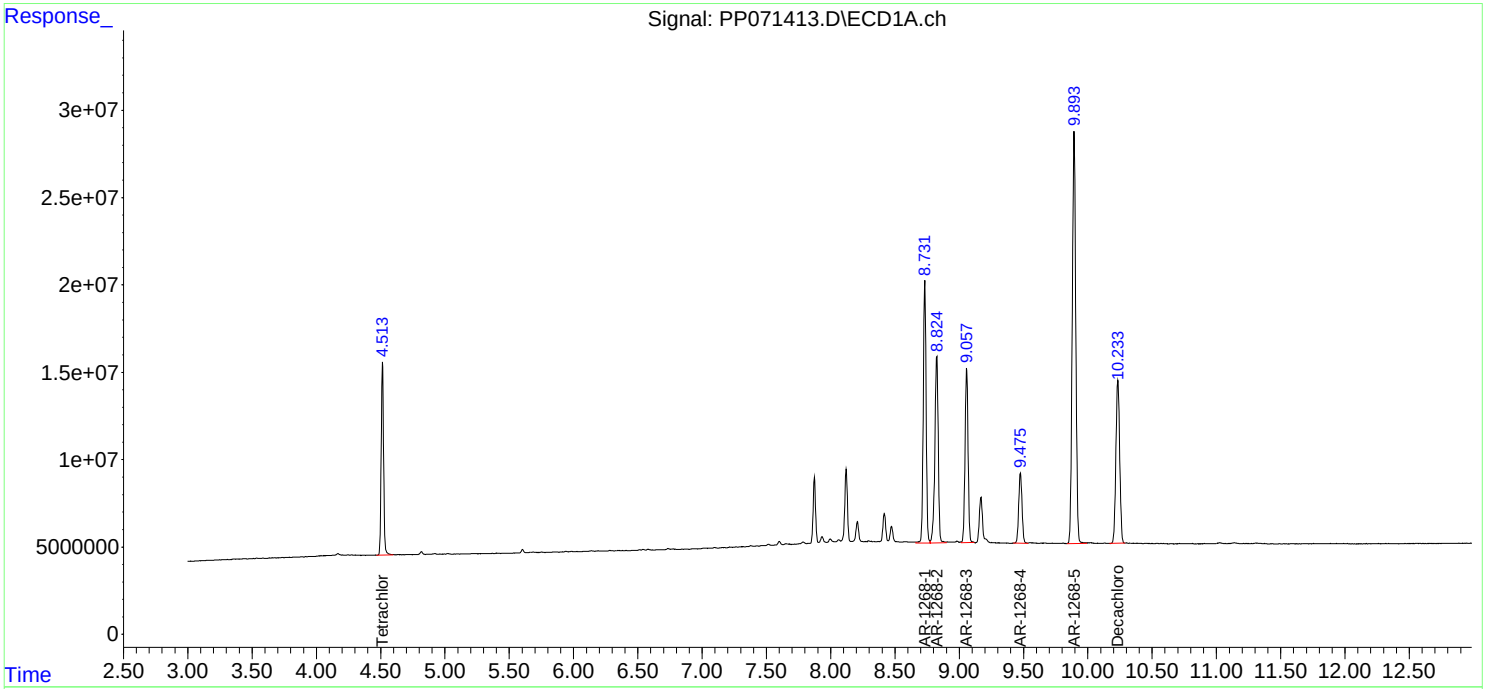
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

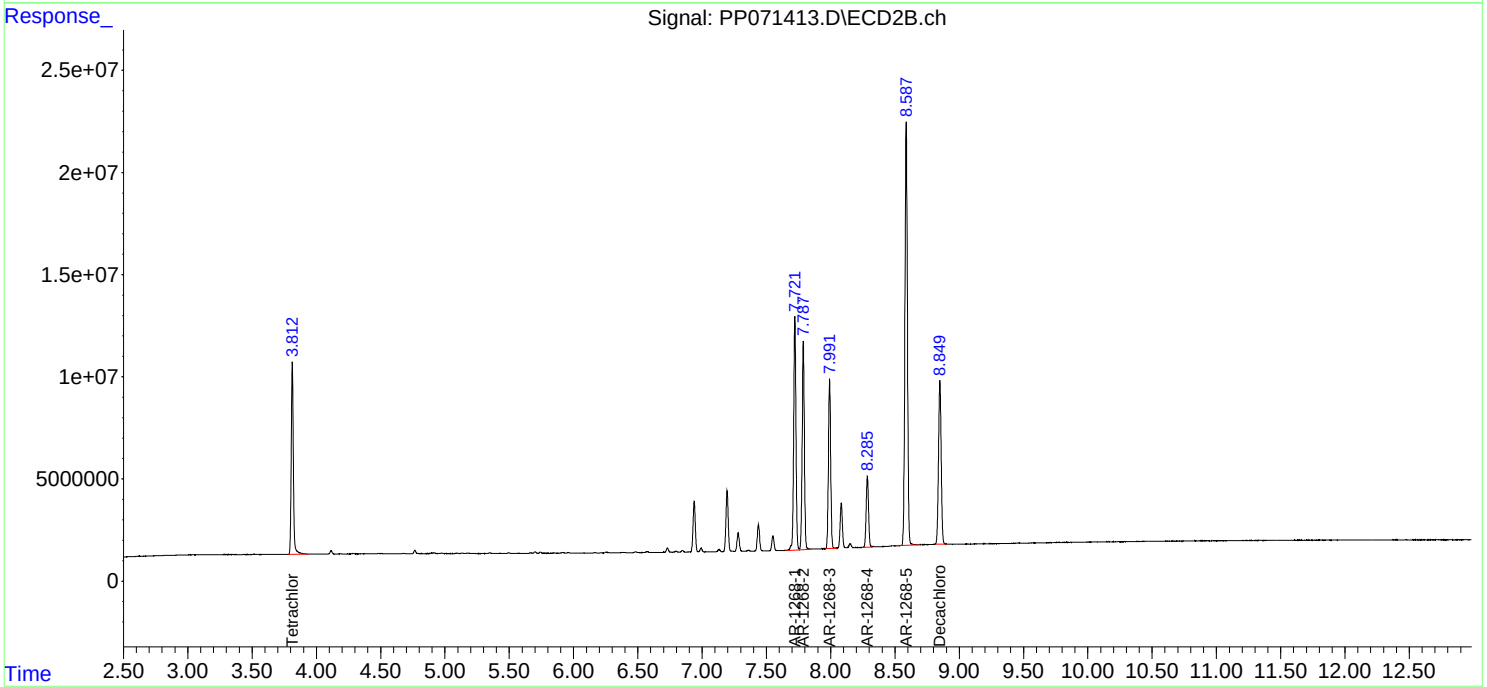
Manual Integrations APPROVED

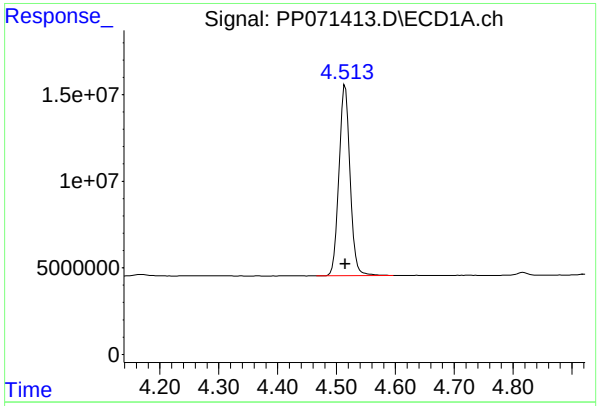
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







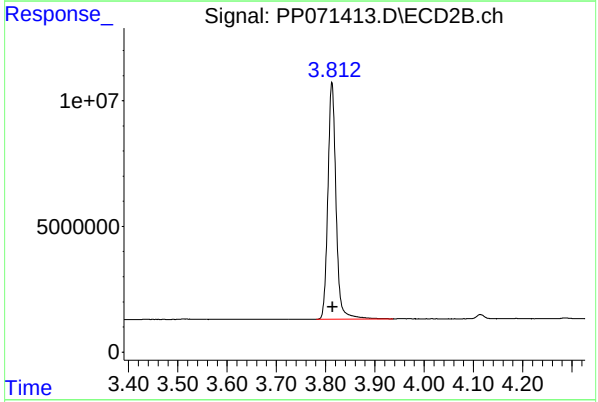
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 144867571
Conc: 73.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

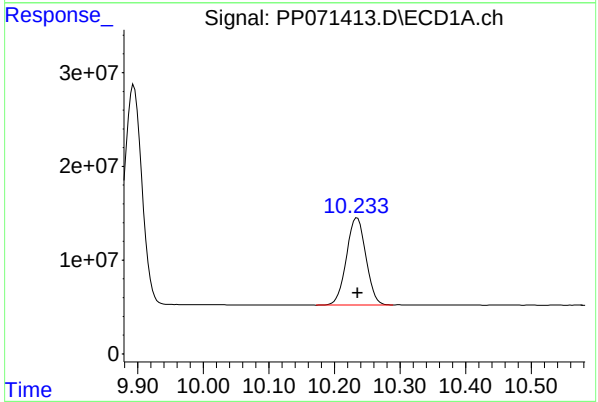
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



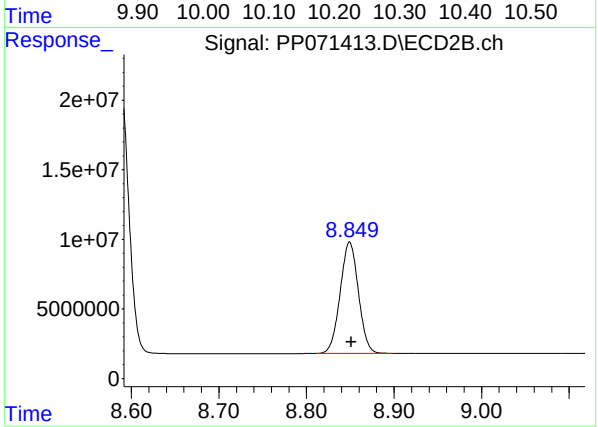
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 108446461
Conc: 74.06 ng/ml



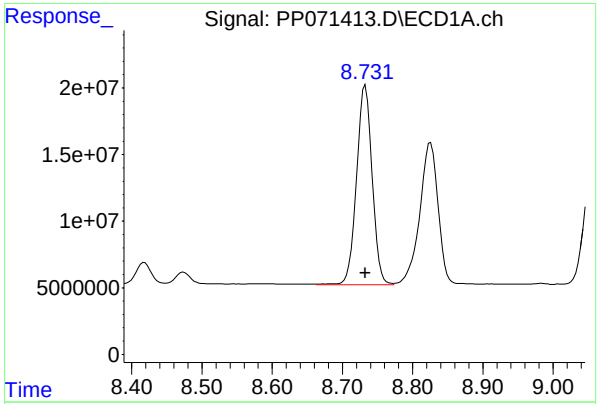
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.001 min
Response: 191753222
Conc: 71.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 115953007
Conc: 72.34 ng/ml



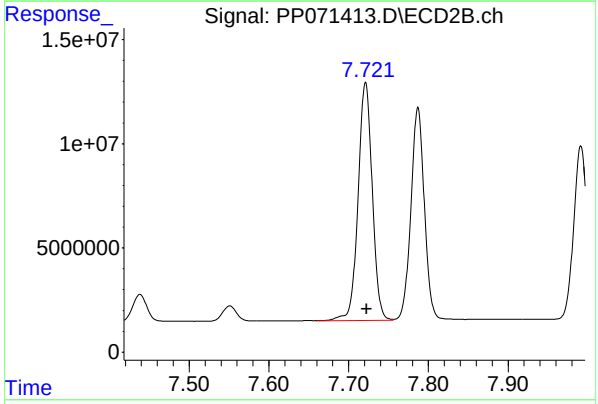
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 231823386
Conc: 725.03 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

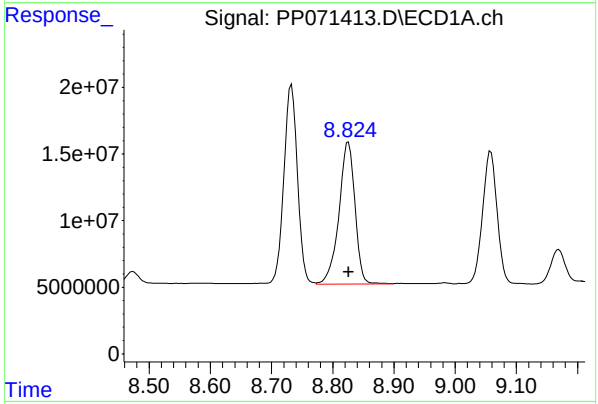
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



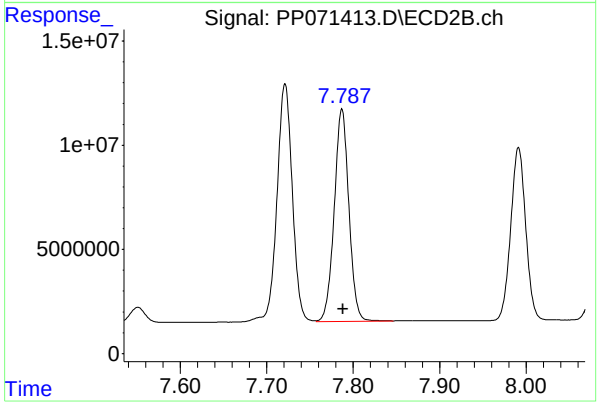
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 141345145
Conc: 696.33 ng/ml m



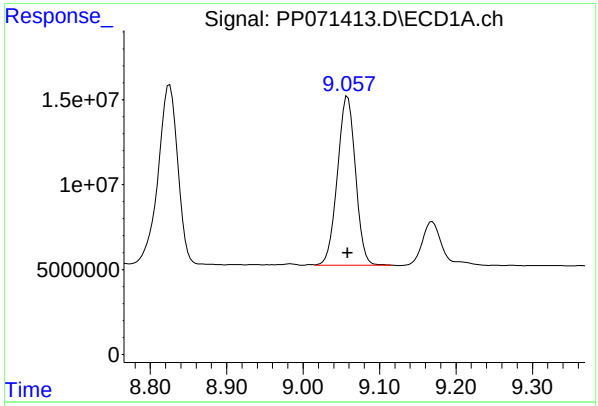
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 194285253
Conc: 725.05 ng/ml



#42 AR-1268-2

R.T.: 7.787 min
Delta R.T.: -0.001 min
Response: 119638783
Conc: 692.53 ng/ml



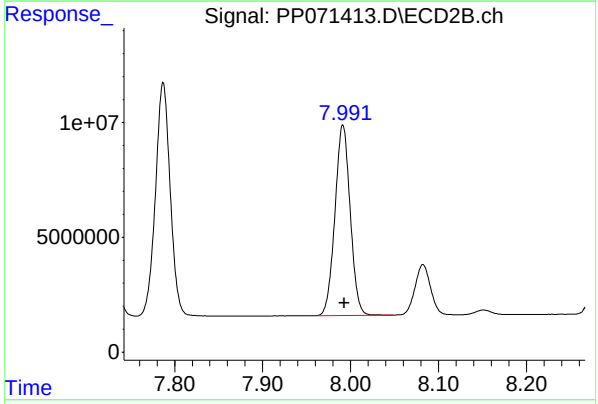
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 163765585
Conc: 726.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

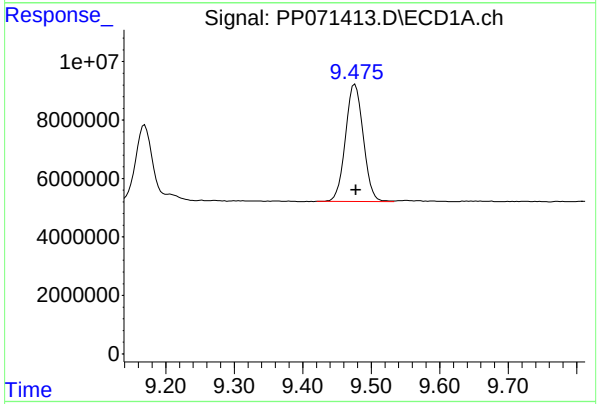
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



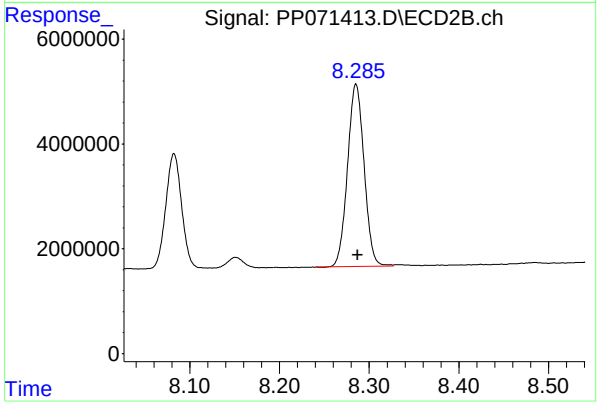
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 99816904
Conc: 697.61 ng/ml



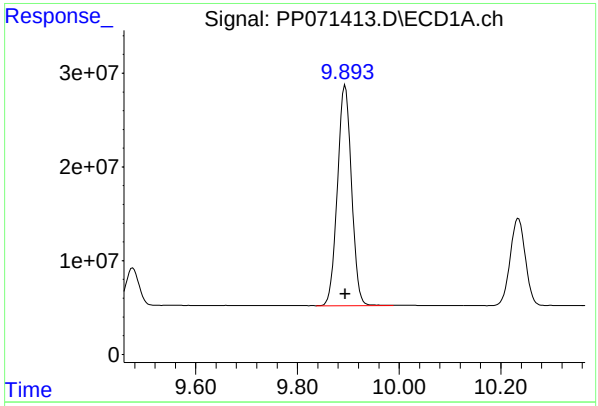
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.002 min
Response: 72323269
Conc: 730.49 ng/ml



#44 AR-1268-4

R.T.: 8.285 min
Delta R.T.: -0.002 min
Response: 44771879
Conc: 704.83 ng/ml



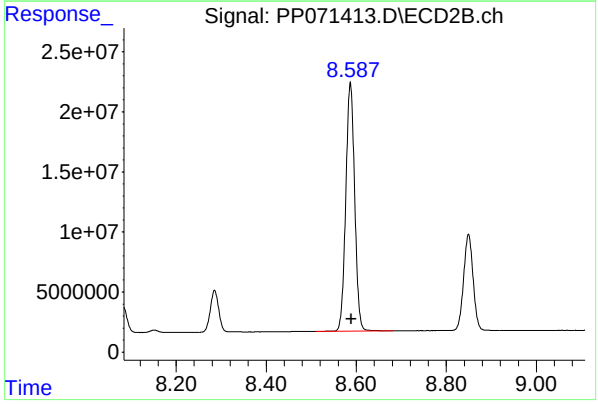
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 452805185
Conc: 729.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 283271897
Conc: 735.44 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:16
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.814	99100413	73210719	50.000	50.000
2)	SA Decachlor...	10.236	8.851	133.5E6	80139523	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	159.9E6	101.7E6	500.000	501.224m
42)	L9 AR-1268-2	8.826	7.788	134.0E6	86377504	500.000	500.000
43)	L9 AR-1268-3	9.059	7.993	112.6E6	71541846	500.000	500.000
44)	L9 AR-1268-4	9.478	8.287	49503520	31760699	500.000	500.000
45)	L9 AR-1268-5	9.894	8.589	310.5E6	192.6E6	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:16
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

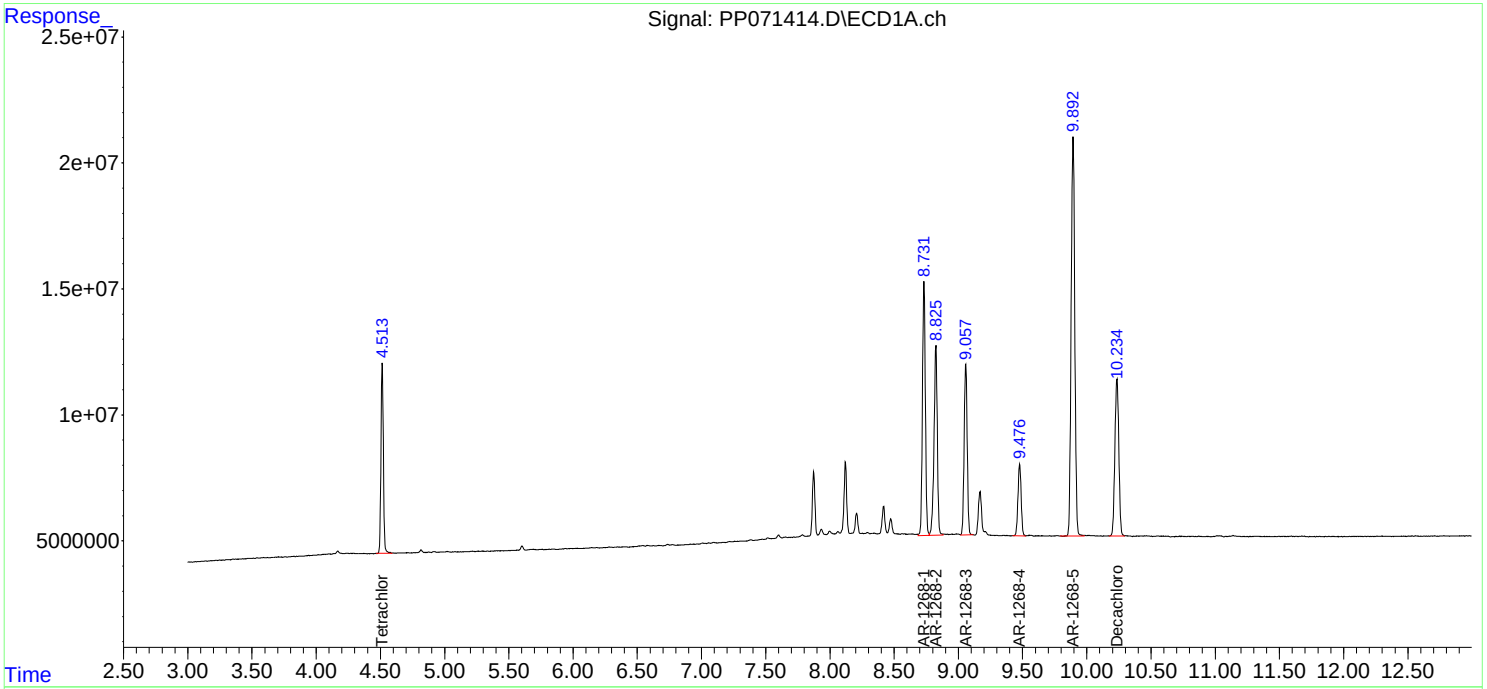
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

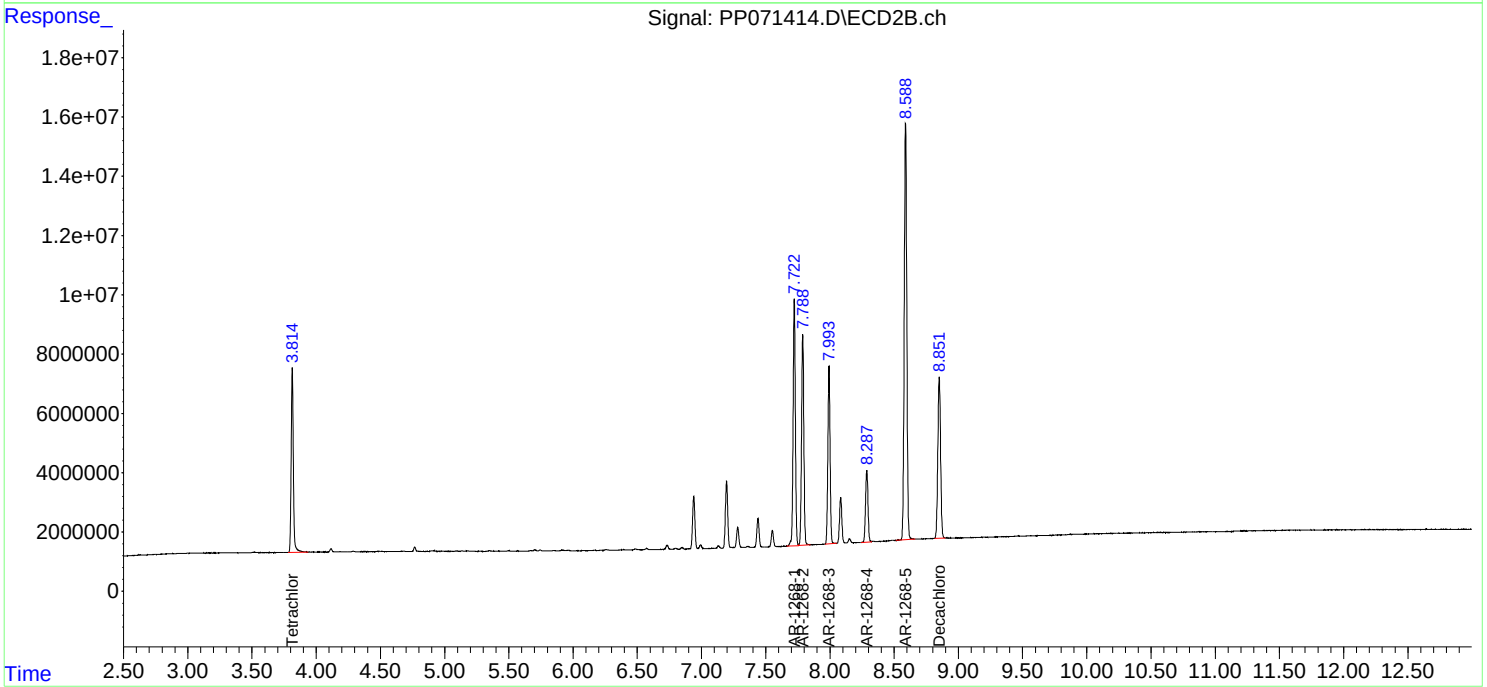
Manual Integrations APPROVED

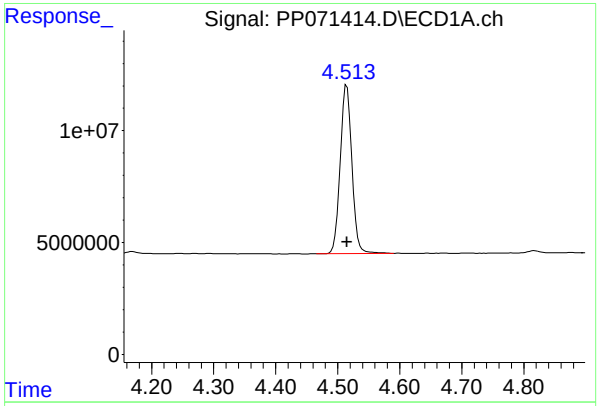
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







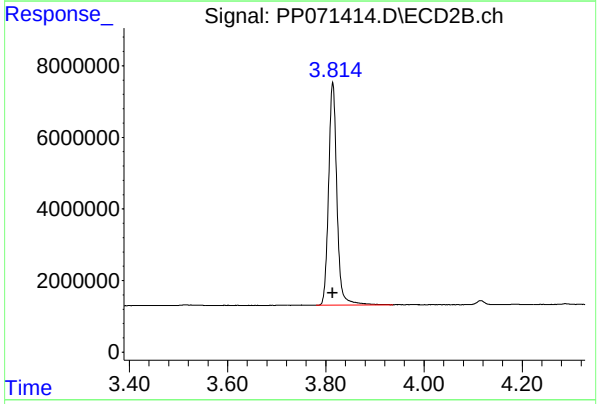
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 mi
Response: 99100413
Conc: 50.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

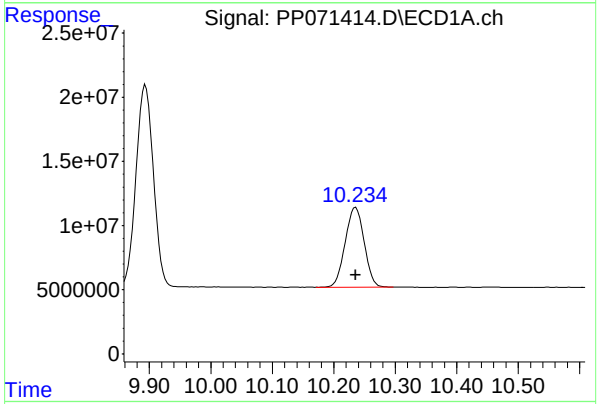
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



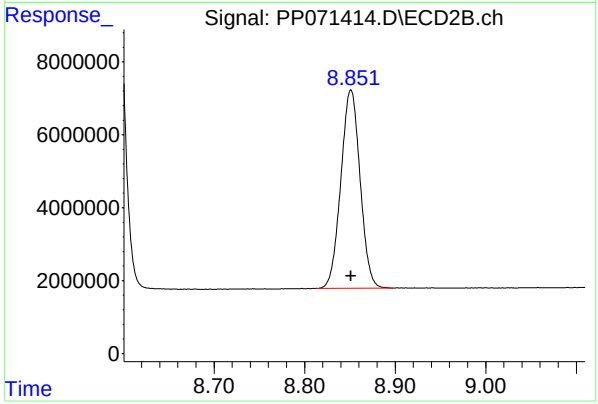
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 73210719
Conc: 50.00 ng/ml



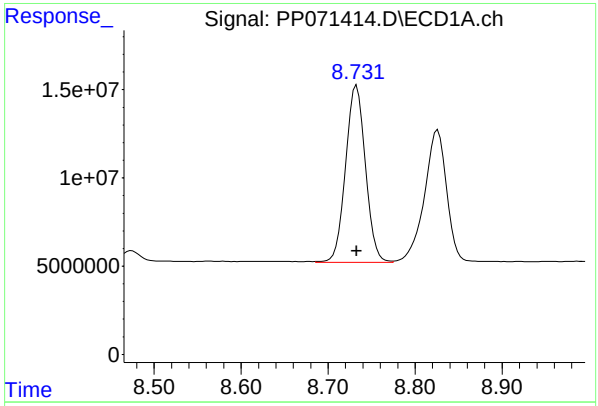
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 133470748
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 80139523
Conc: 50.00 ng/ml



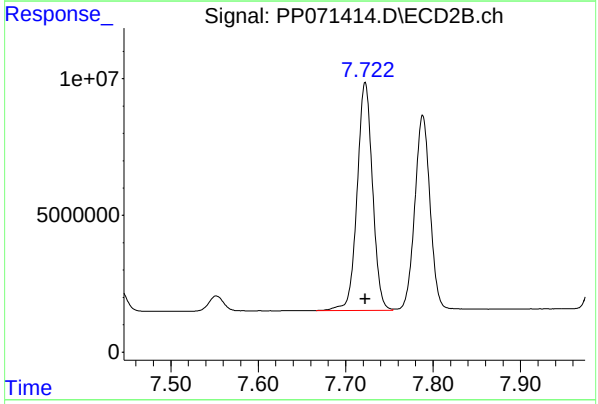
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 159872402
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

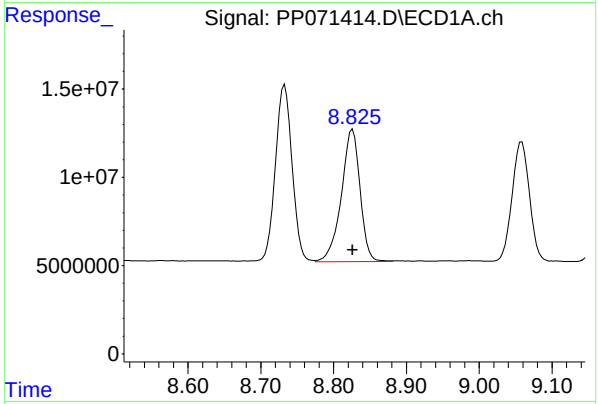
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



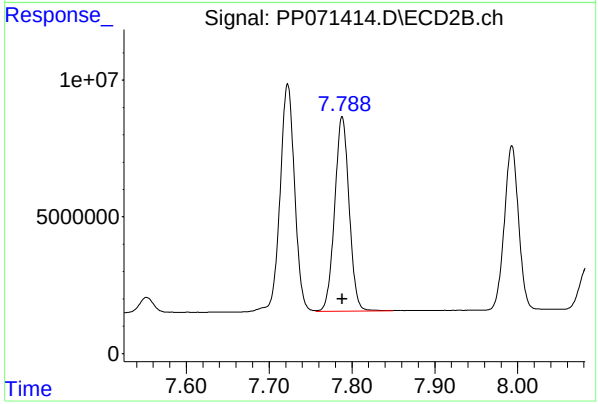
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 101741890
Conc: 501.22 ng/ml m



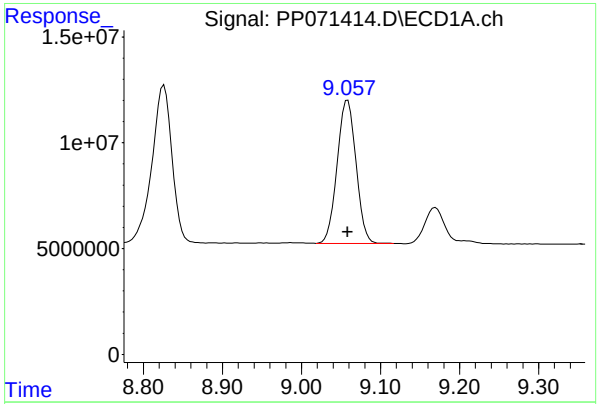
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 133980177
Conc: 500.00 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 86377504
Conc: 500.00 ng/ml



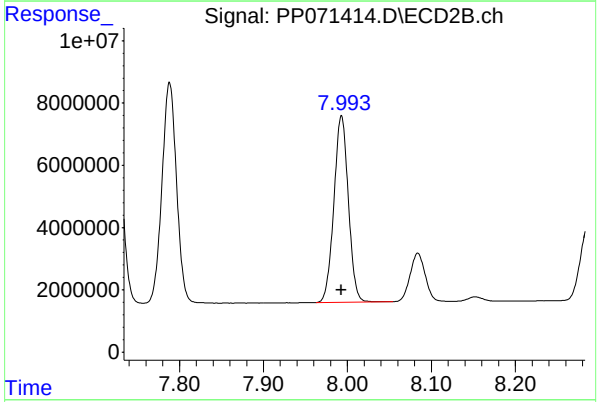
#43 AR-1268-3

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 112642140
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

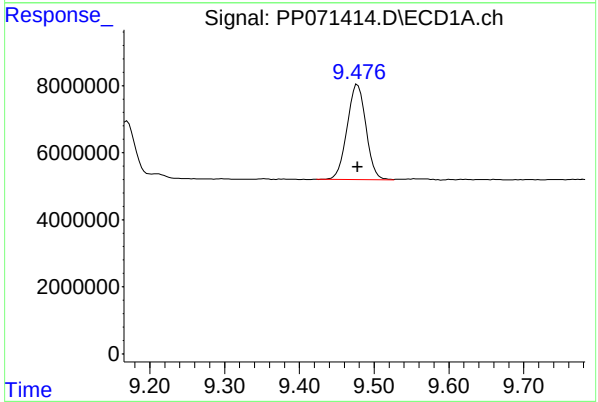
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



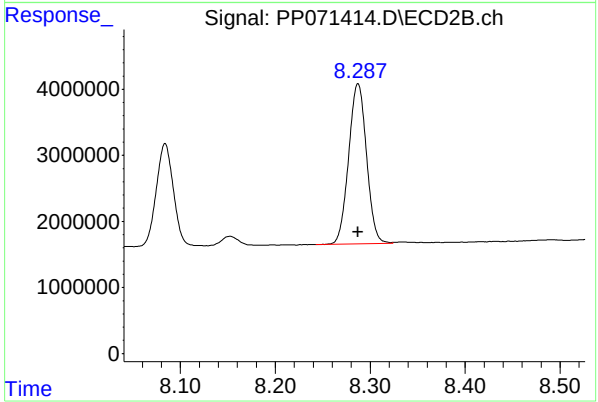
#43 AR-1268-3

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 71541846
Conc: 500.00 ng/ml



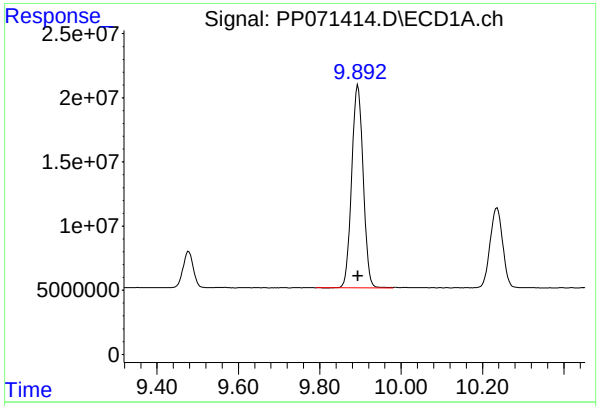
#44 AR-1268-4

R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 49503520
Conc: 500.00 ng/ml



#44 AR-1268-4

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 31760699
Conc: 500.00 ng/ml



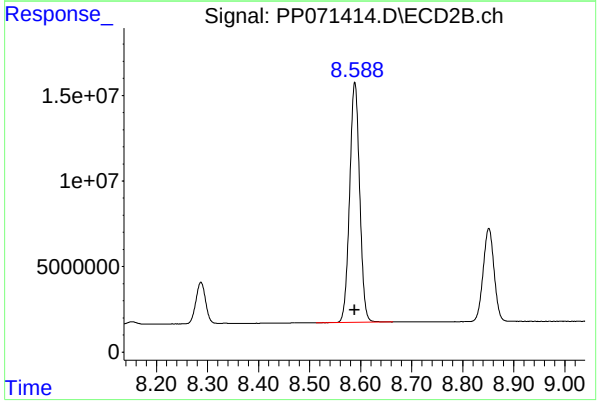
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 310531224
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.589 min
Delta R.T.: 0.000 min
Response: 192587534
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:33
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.517	3.813	50174786	36443440	25.315	24.889
2)	SA Decachlor...	10.236	8.850	67366681	41318494	25.236	25.779
	Target Compounds						
41)	L9 AR-1268-1	8.735	7.721	82956522	51353583	259.446	252.990m
42)	L9 AR-1268-2	8.828	7.788	68964227	43318102	257.367	250.749
43)	L9 AR-1268-3	9.061	7.991	57876424	36193296	256.904	252.952
44)	L9 AR-1268-4	9.480	8.286	24514996	16044448	247.609	252.583
45)	L9 AR-1268-5	9.897	8.587	157.8E6	96869753	254.135	251.495

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:33
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

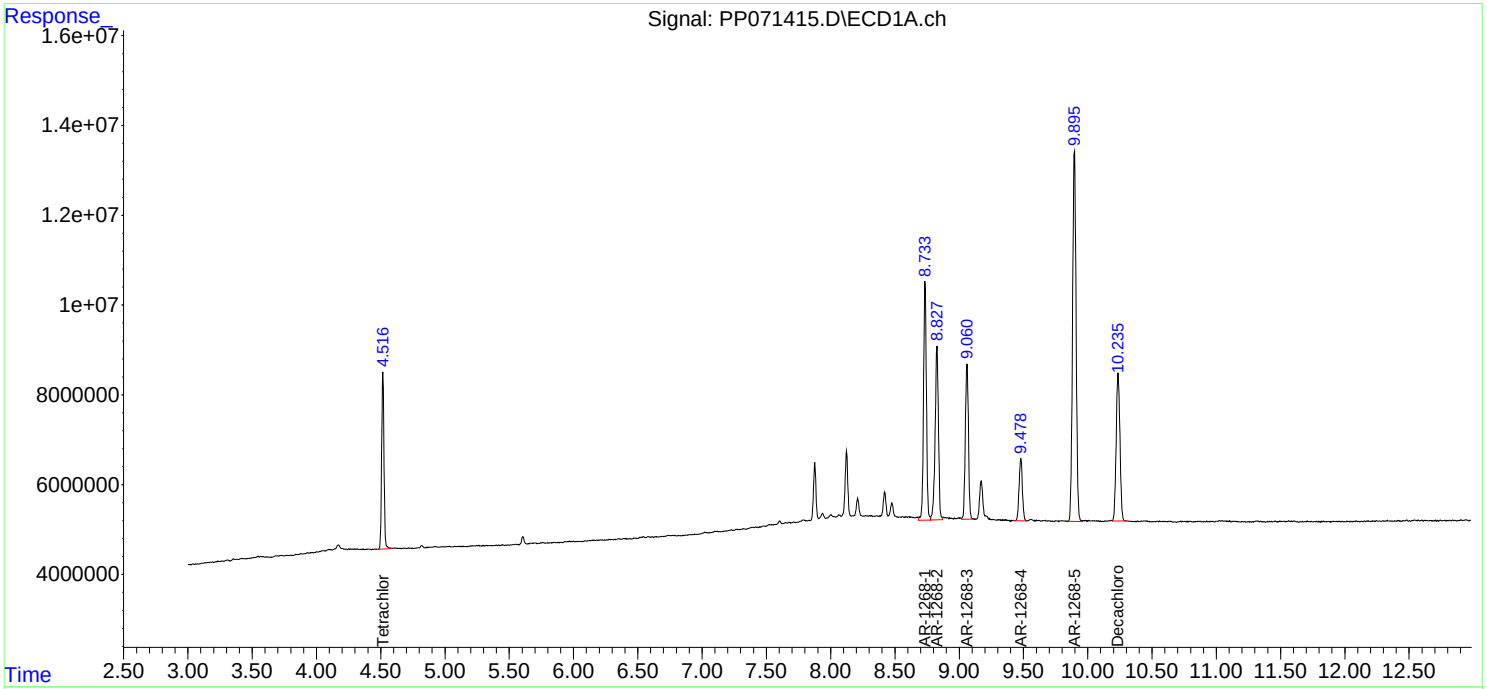
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

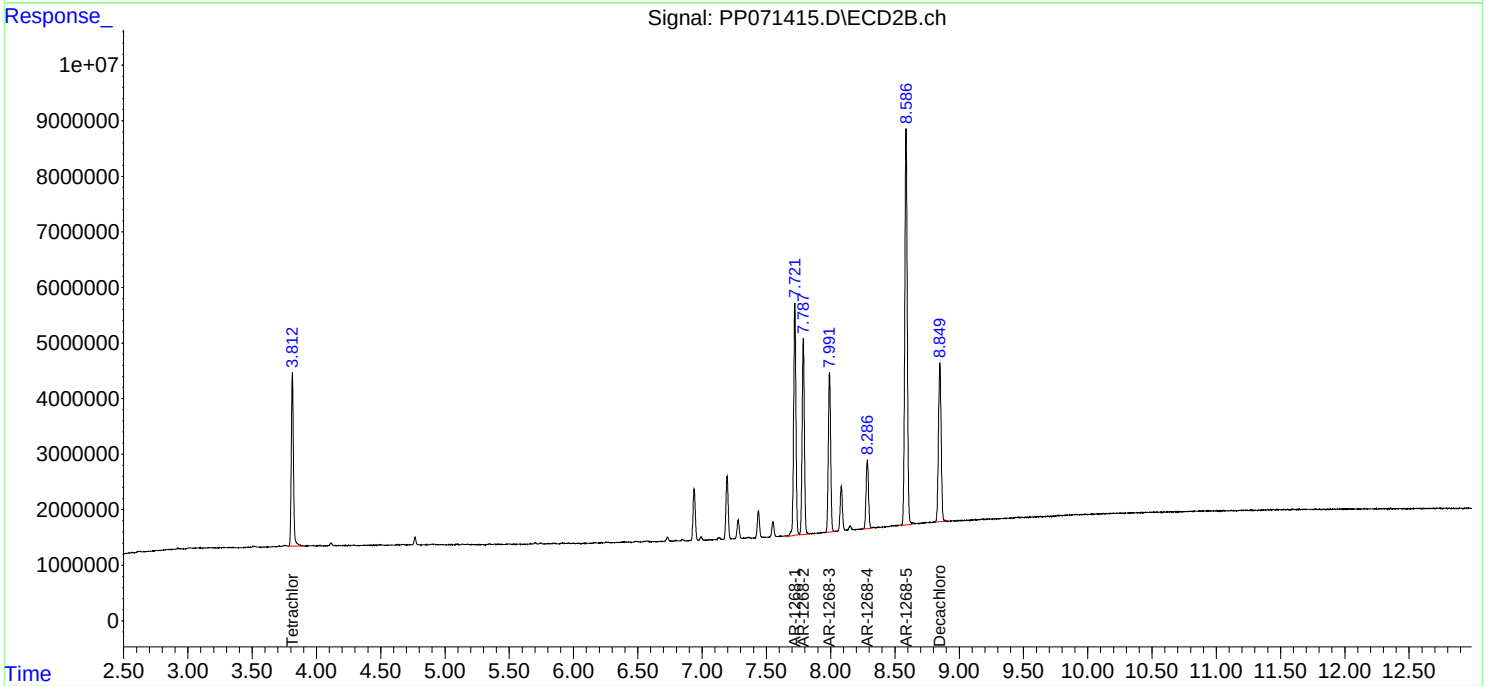
Manual Integrations APPROVED

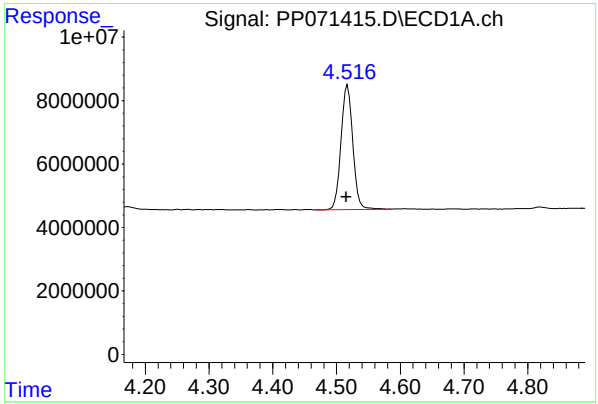
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







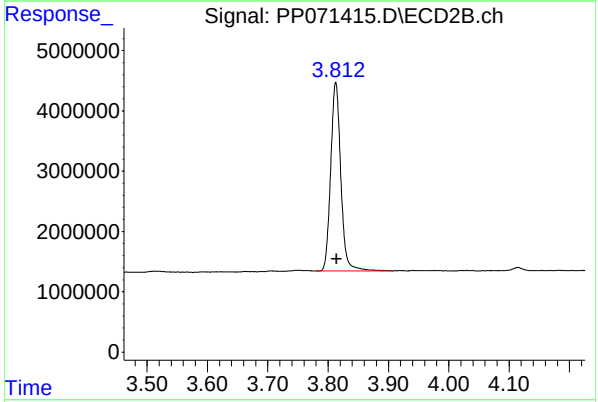
#1 Tetrachloro-m-xylene

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 50174786
Conc: 25.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

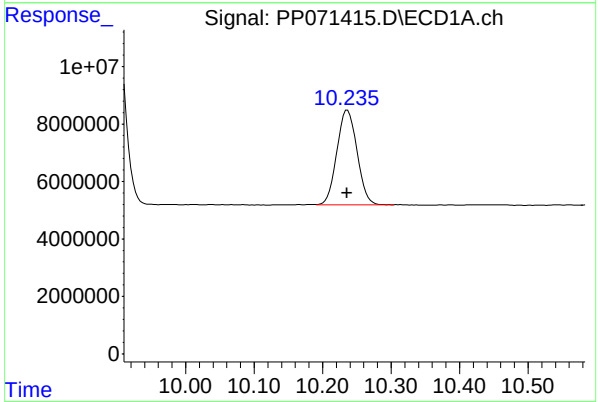
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



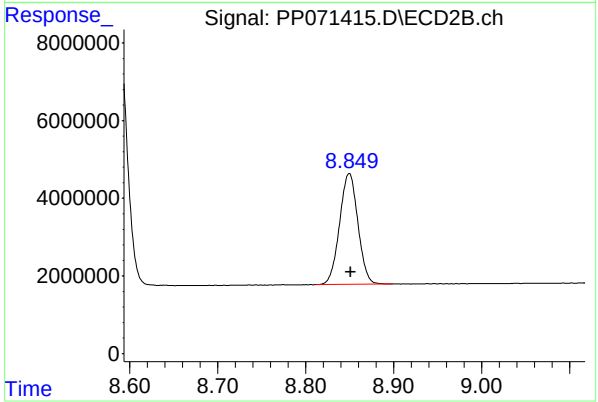
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 36443440
Conc: 24.89 ng/ml



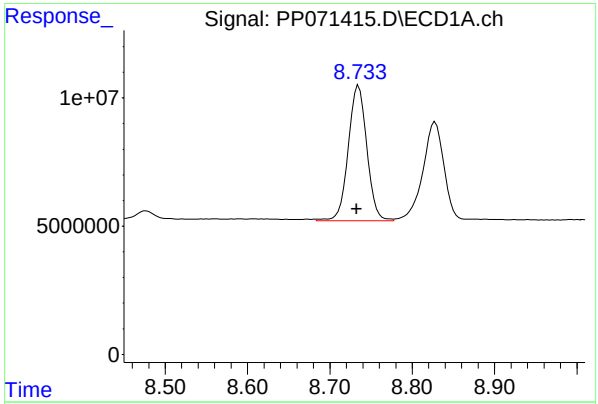
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 67366681
Conc: 25.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.002 min
Response: 41318494
Conc: 25.78 ng/ml



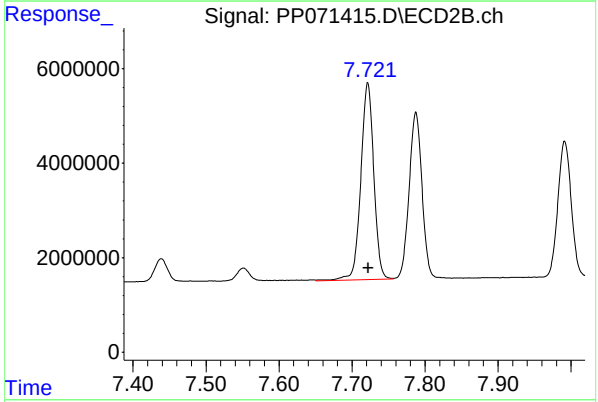
#41 AR-1268-1

R.T.: 8.735 min
Delta R.T.: 0.002 mi
Response: 82956522
Conc: 259.45 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

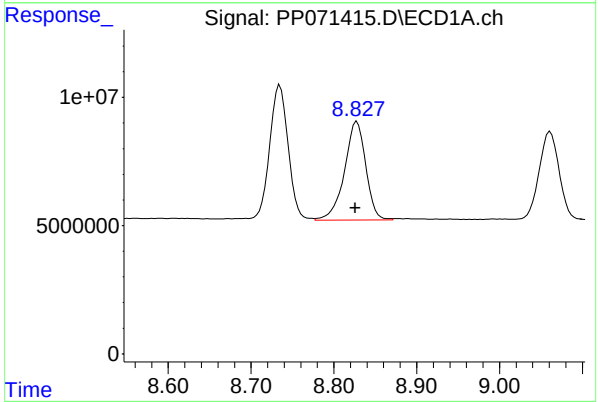
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



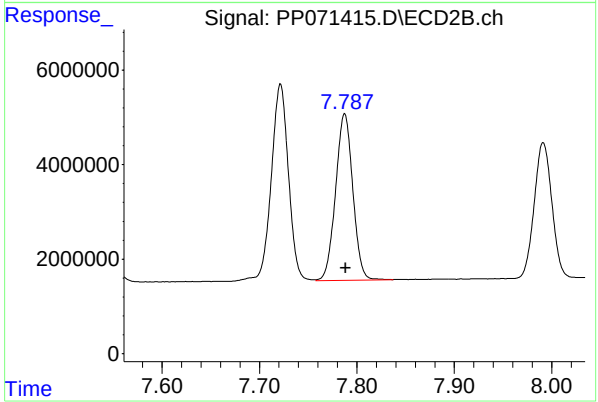
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 51353583
Conc: 252.99 ng/ml m



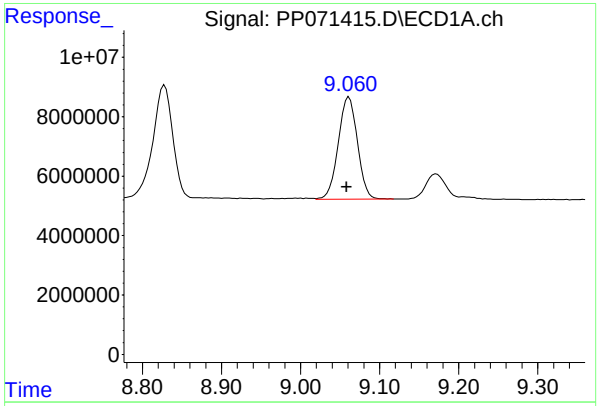
#42 AR-1268-2

R.T.: 8.828 min
Delta R.T.: 0.002 min
Response: 68964227
Conc: 257.37 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 43318102
Conc: 250.75 ng/ml



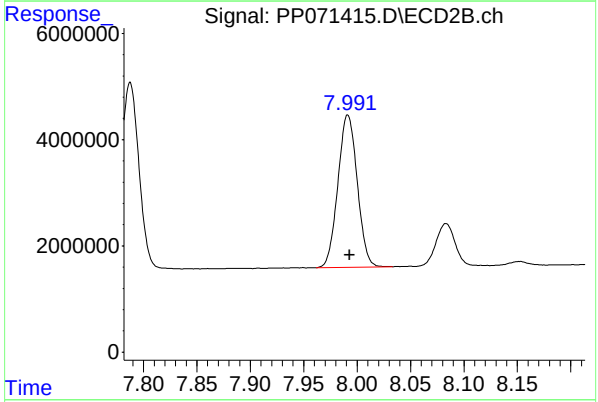
#43 AR-1268-3

R.T.: 9.061 min
Delta R.T.: 0.003 min
Response: 57876424
Conc: 256.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

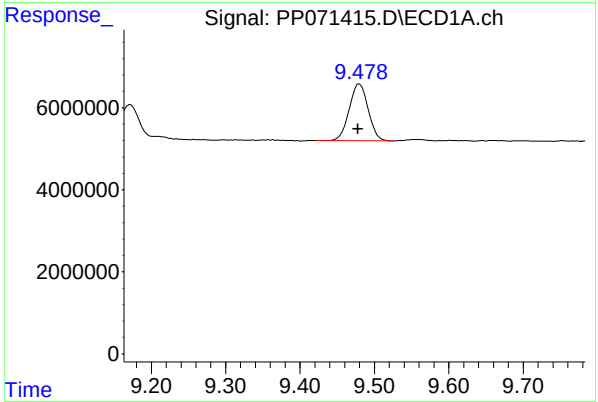
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



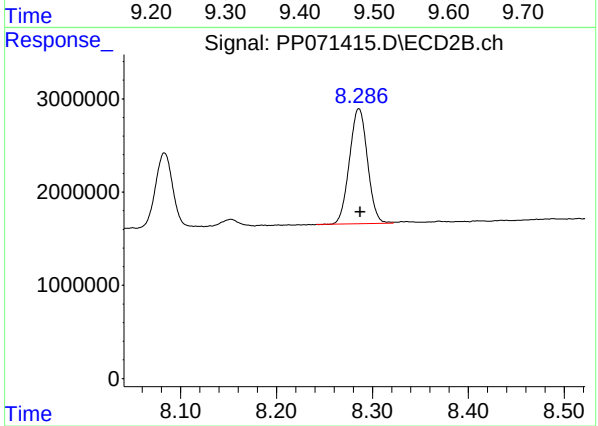
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 36193296
Conc: 252.95 ng/ml



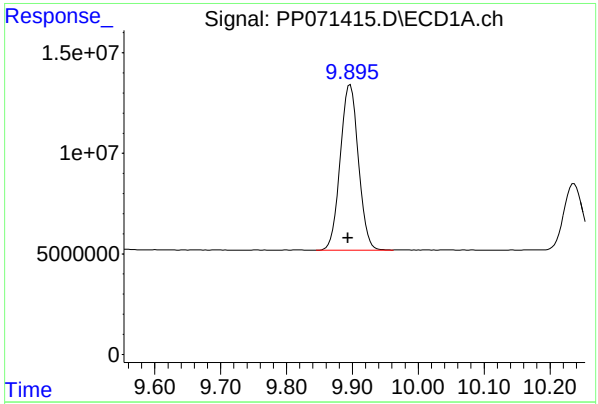
#44 AR-1268-4

R.T.: 9.480 min
Delta R.T.: 0.002 min
Response: 24514996
Conc: 247.61 ng/ml



#44 AR-1268-4

R.T.: 8.286 min
Delta R.T.: -0.001 min
Response: 16044448
Conc: 252.58 ng/ml



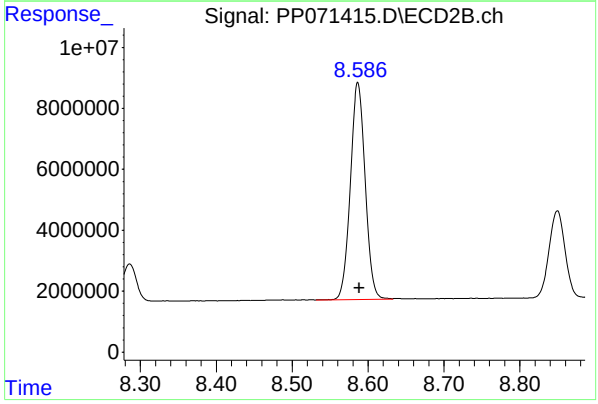
#45 AR-1268-5

R.T.: 9.897 min
Delta R.T.: 0.003 min
Response: 157833758
Conc: 254.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 96869753
Conc: 251.50 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:49
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.813	7954830	6504410	4.014	4.442
2)	SA Decachlor...	10.235	8.850	11316360	7324768	4.239	4.570
	Target Compounds						
41)	L9 AR-1268-1	8.731	7.721	14103190	10095232	44.108m	49.733m
42)	L9 AR-1268-2	8.825	7.787	11406198	8528068	42.567m	49.365
43)	L9 AR-1268-3	9.058	7.992	10823544	6773456	48.044	47.339
44)	L9 AR-1268-4	9.476	8.287	4136815	2789666	41.783	43.917
45)	L9 AR-1268-5	9.894	8.588	26835395	17143092	43.209	44.507

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:49
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

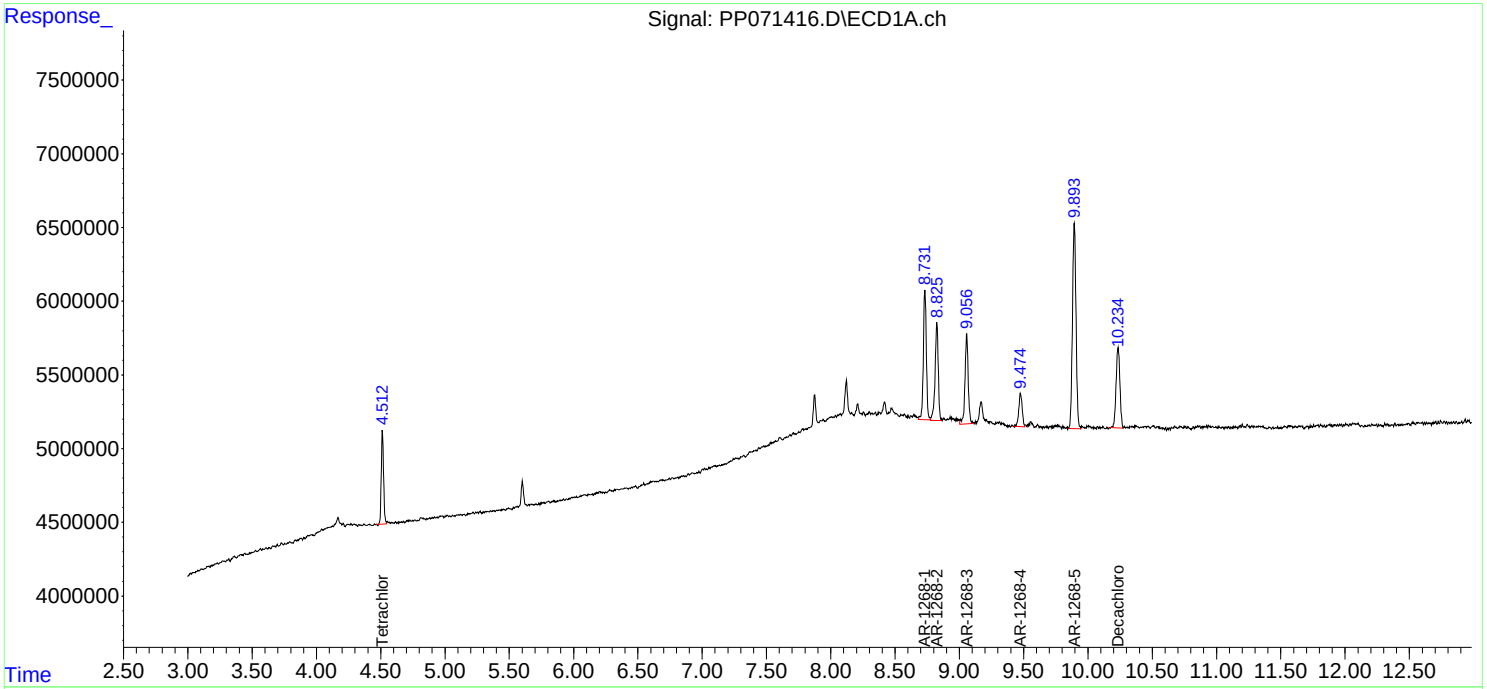
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

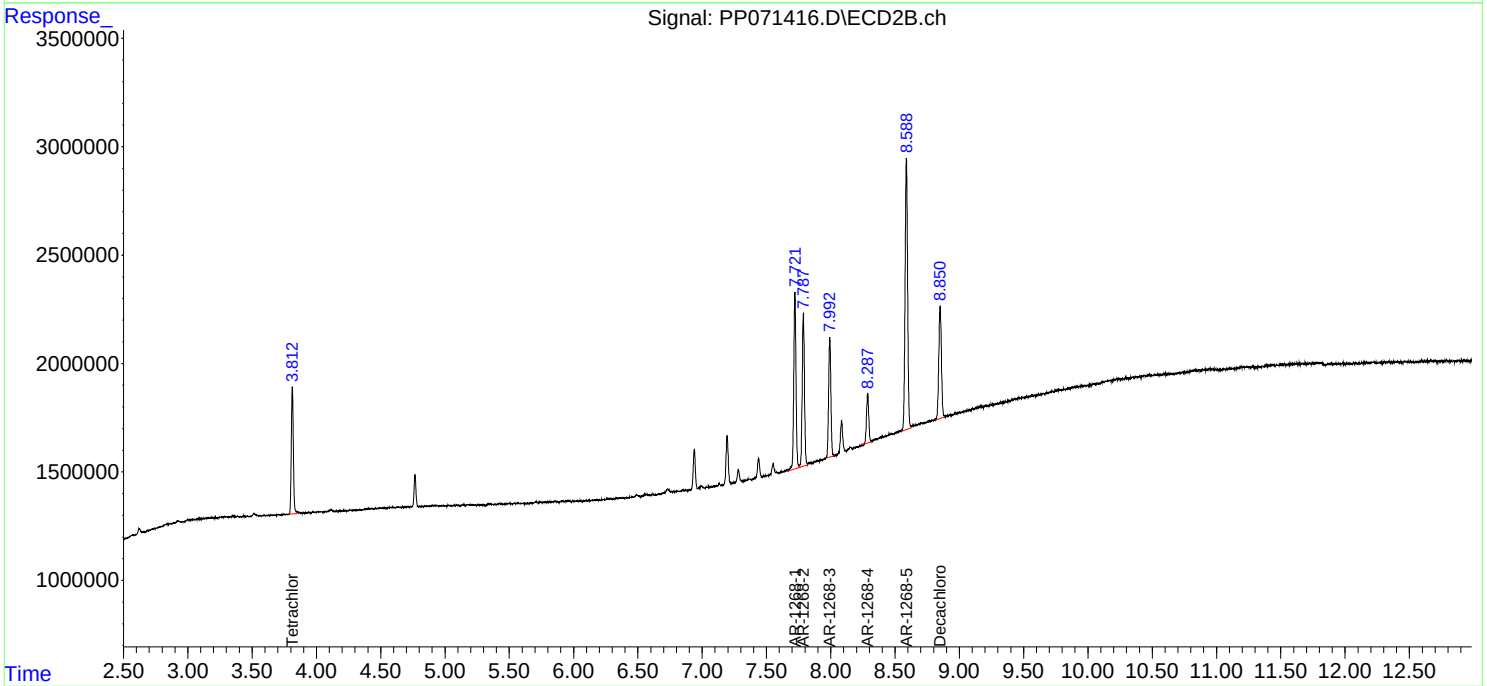
Manual Integrations APPROVED

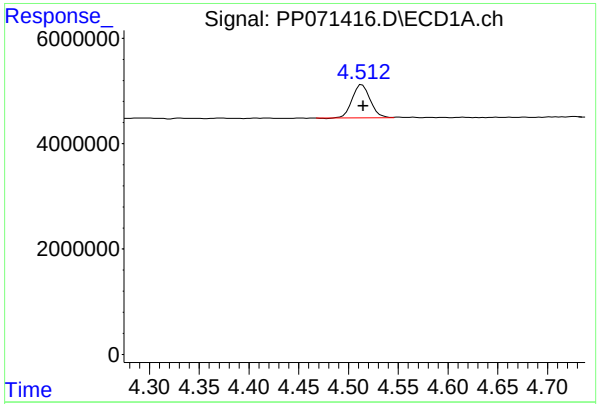
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







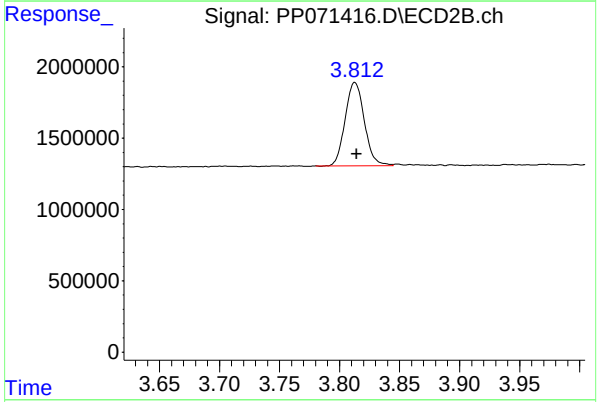
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 7954830
Conc: 4.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

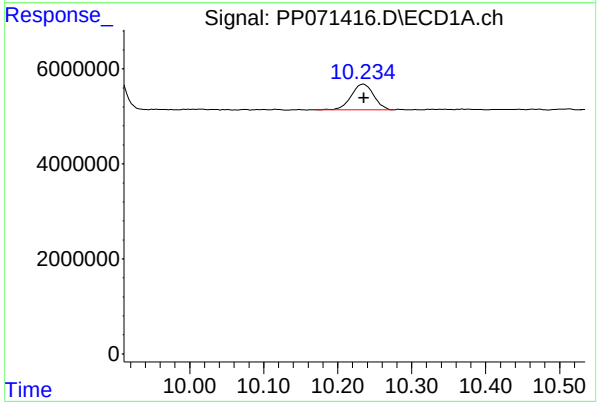
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



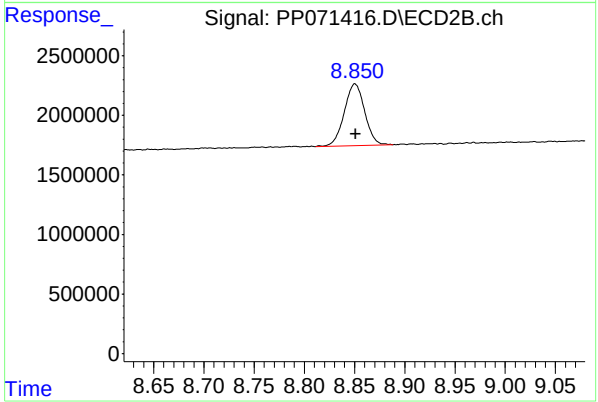
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 6504410
Conc: 4.44 ng/ml



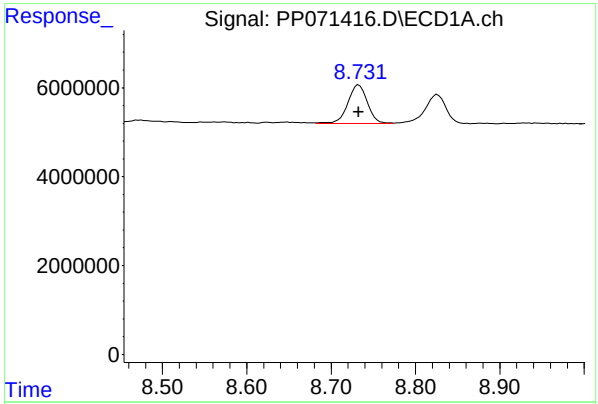
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 11316360
Conc: 4.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 7324768
Conc: 4.57 ng/ml



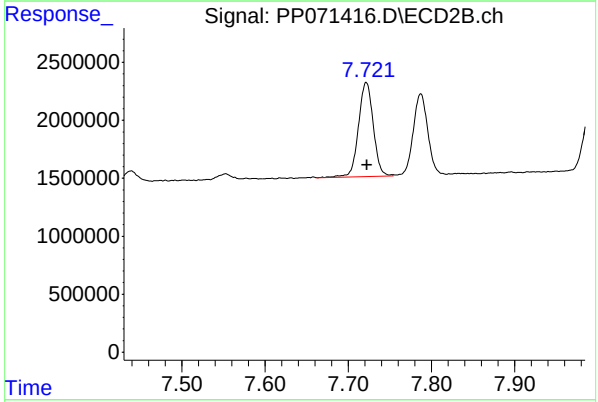
#41 AR-1268-1

R.T.: 8.731 min
Delta R.T.: -0.001 mi
Response: 14103190
Conc: 44.11 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

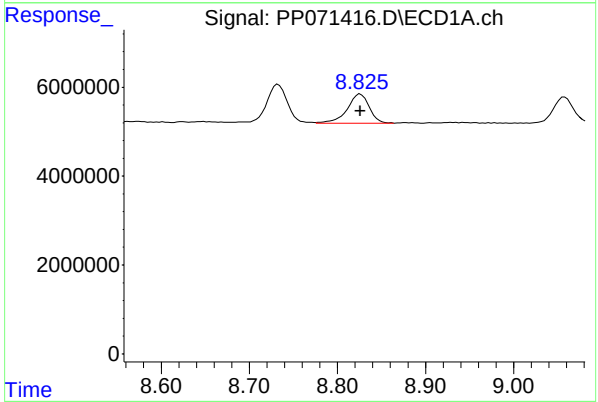
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



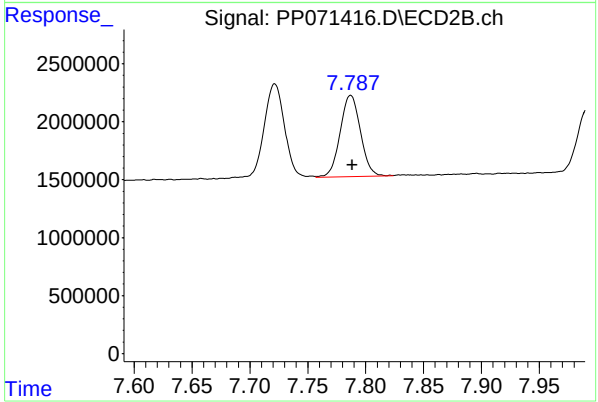
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 10095232
Conc: 49.73 ng/ml m



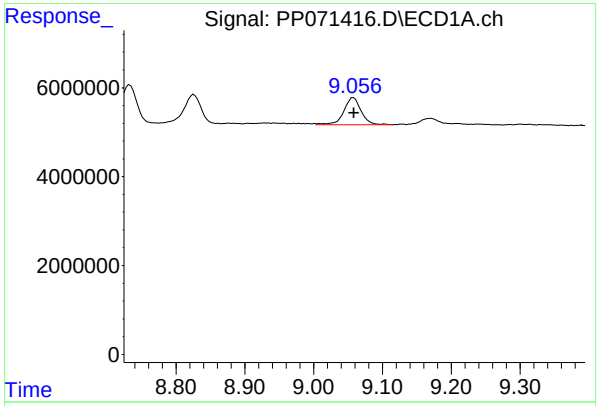
#42 AR-1268-2

R.T.: 8.825 min
Delta R.T.: -0.001 min
Response: 11406198
Conc: 42.57 ng/ml m



#42 AR-1268-2

R.T.: 7.787 min
Delta R.T.: -0.001 min
Response: 8528068
Conc: 49.37 ng/ml



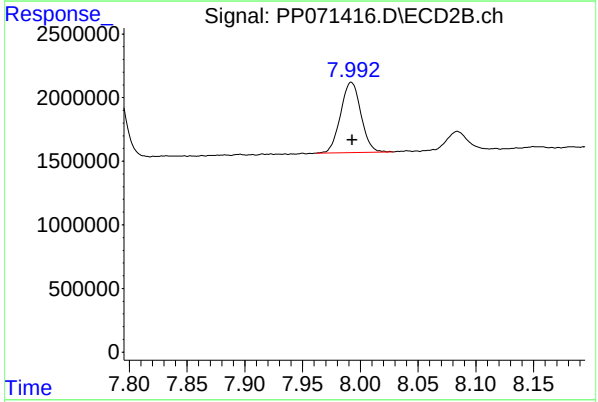
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 10823544
Conc: 48.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

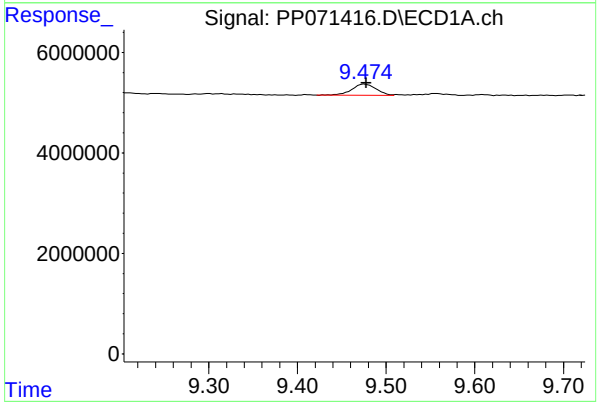
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



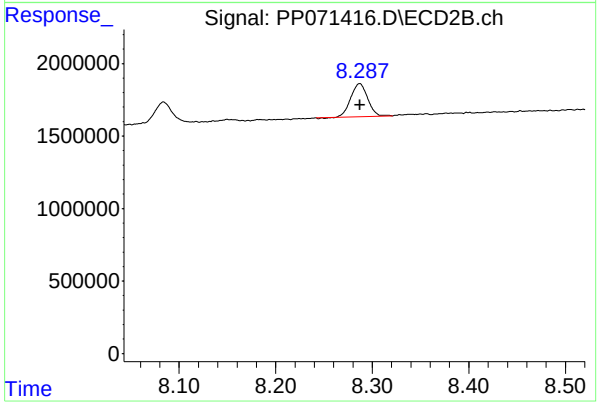
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 6773456
Conc: 47.34 ng/ml



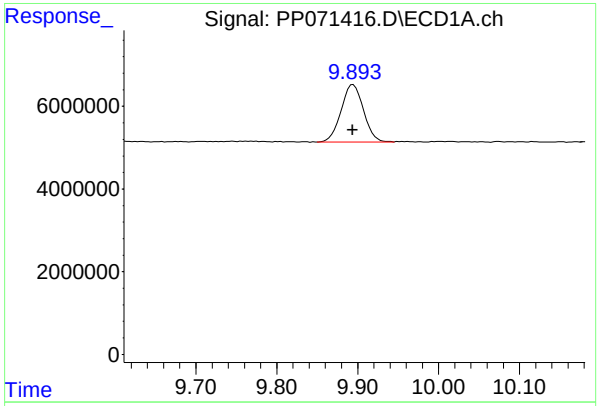
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.002 min
Response: 4136815
Conc: 41.78 ng/ml



#44 AR-1268-4

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 2789666
Conc: 43.92 ng/ml



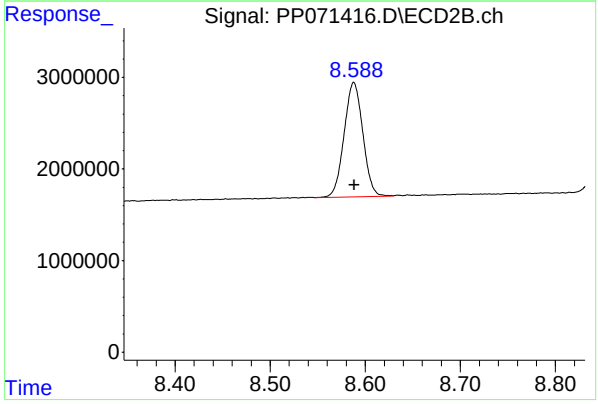
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 mi
Response: 26835395
Conc: 43.21 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 17143092
Conc: 44.51 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:05
Operator : YP\AJ
Sample : PP042225ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	98003244	70310326	49.431	49.914
2)	SA Decachlor...	10.233	8.849	73424396	44681766	50.707	50.945
	Target Compounds						
3)	L1 AR-1016-1	5.668	4.898	33546404	27255669	500.321	509.132
4)	L1 AR-1016-2	5.690	4.916	50377176	38783246	490.870	507.875
5)	L1 AR-1016-3	5.752	5.093	30221252	21921068	490.230	519.328
6)	L1 AR-1016-4	5.850	5.135	25444869	18087794	496.019	524.498
7)	L1 AR-1016-5	6.142	5.349	24049539	22819712	498.556	513.411
31)	L7 AR-1260-1	7.262	6.384	46974832	35744650	489.196	494.399
32)	L7 AR-1260-2	7.515	6.573	70731391	43416292	494.358	496.405
33)	L7 AR-1260-3	7.875	6.726	58007061	39241127	517.439	500.604
34)	L7 AR-1260-4	8.098	7.198	56235072	31343464	498.252	496.643
35)	L7 AR-1260-5	8.418	7.439	114.7E6	75416996	506.086	500.188

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

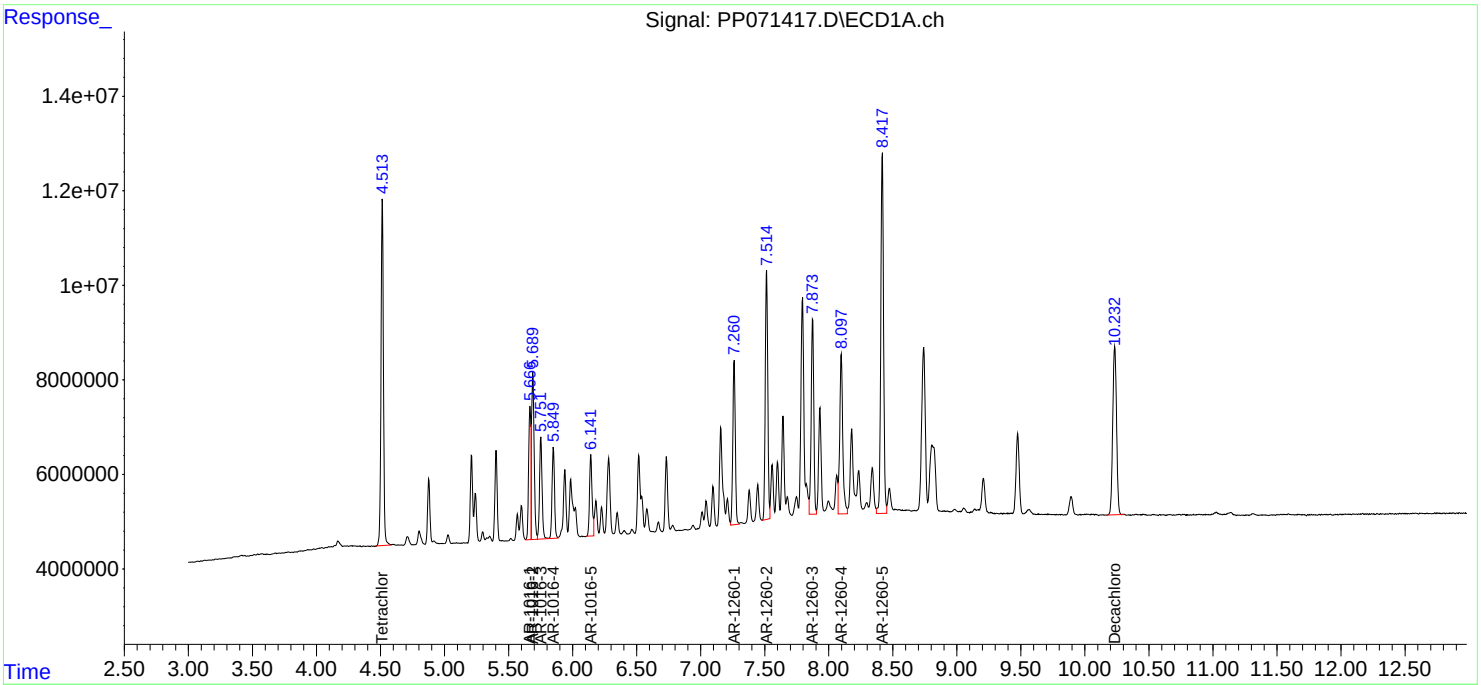
ICAL Form

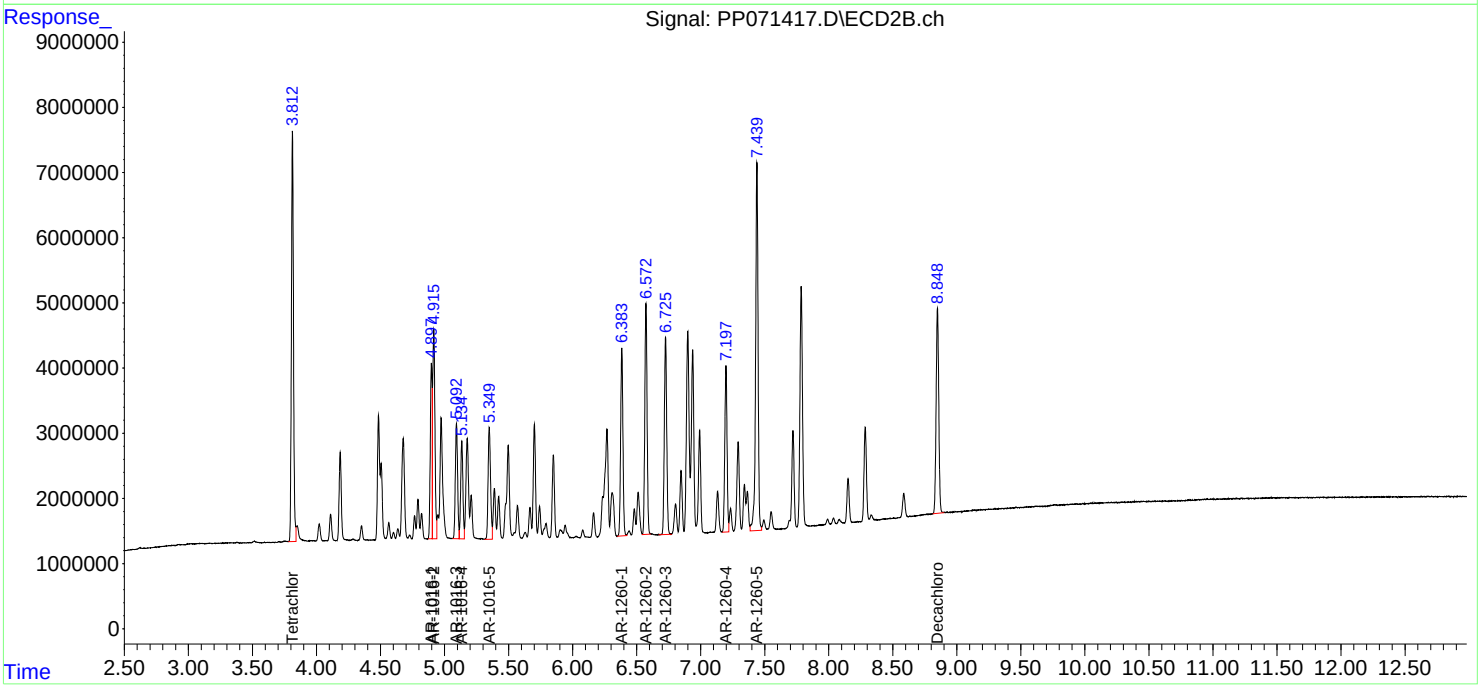
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:05
Operator : YP\AJ
Sample : PP042225ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

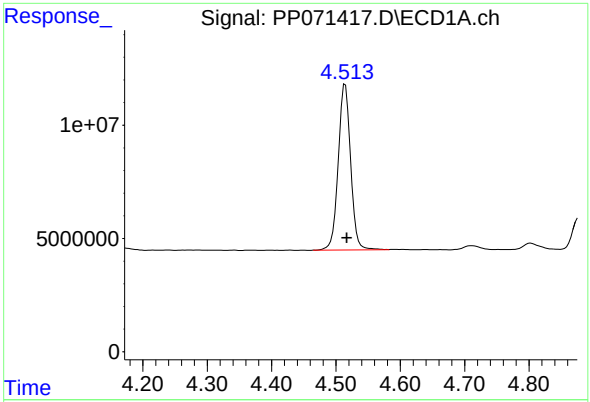
Instrument :
ECD_P
ClientSampleId :
ICVPP042225

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



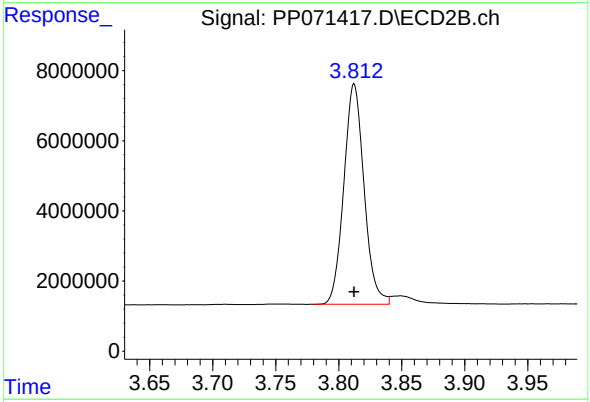




#1 Tetrachloro-m-xylene

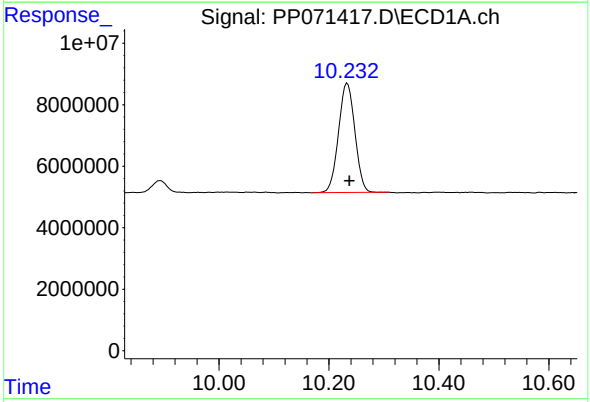
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 98003244
Conc: 49.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



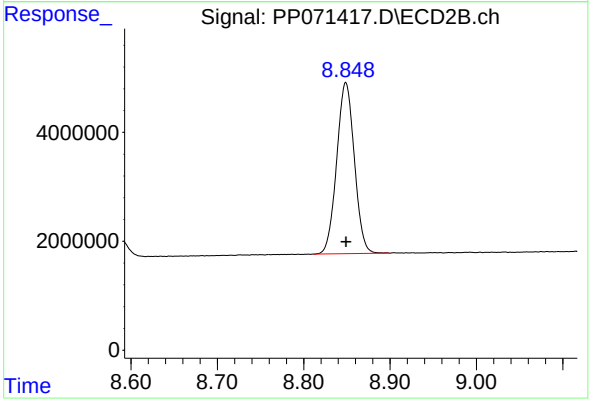
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 70310326
Conc: 49.91 ng/ml



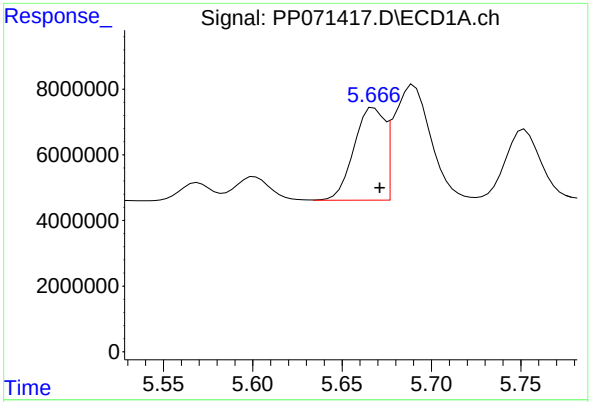
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: -0.004 min
Response: 73424396
Conc: 50.71 ng/ml



#2 Decachlorobiphenyl

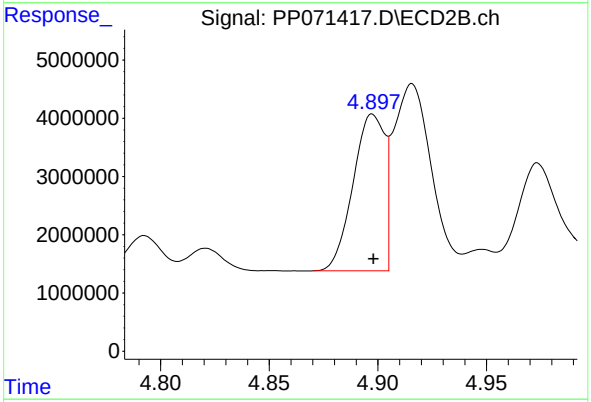
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 44681766
Conc: 50.95 ng/ml



#3 AR-1016-1

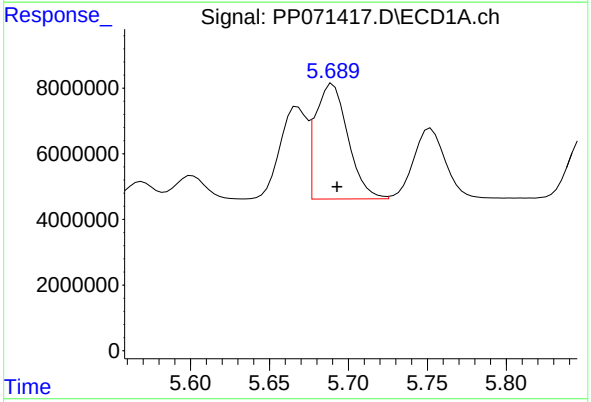
R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 33546404
Conc: 500.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



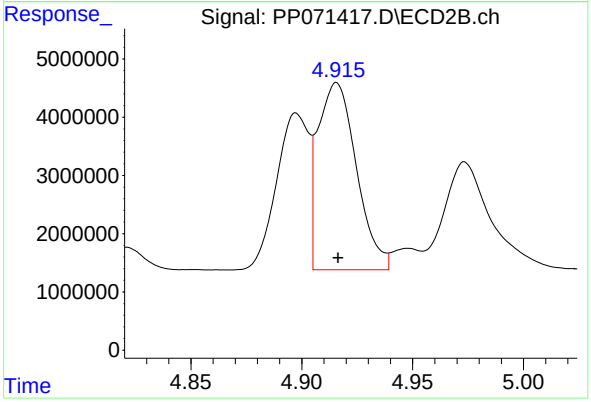
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 27255669
Conc: 509.13 ng/ml



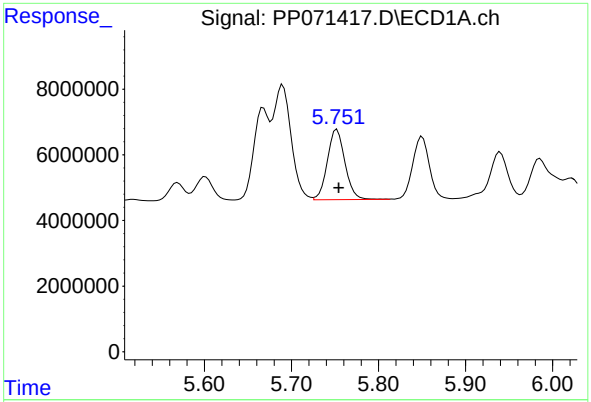
#4 AR-1016-2

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 50377176
Conc: 490.87 ng/ml



#4 AR-1016-2

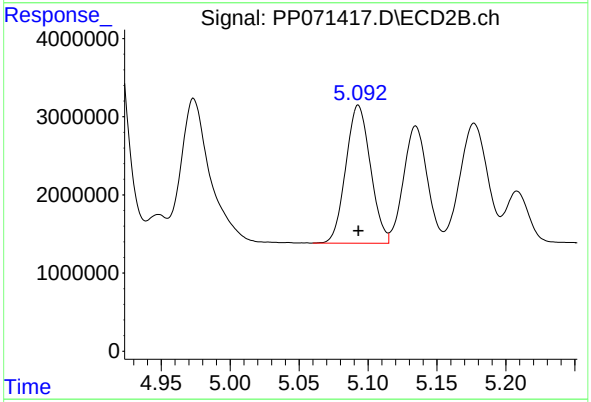
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 38783246
Conc: 507.88 ng/ml



#5 AR-1016-3

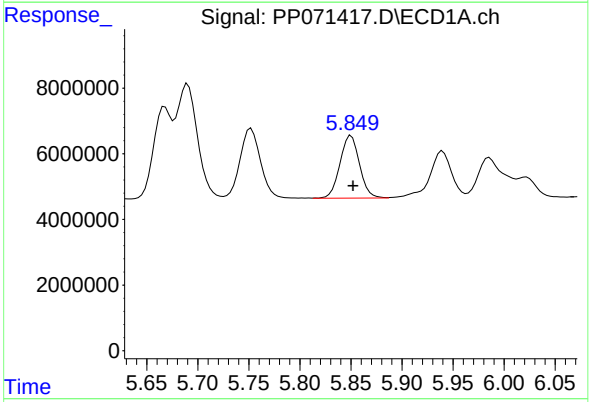
R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 30221252
Conc: 490.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



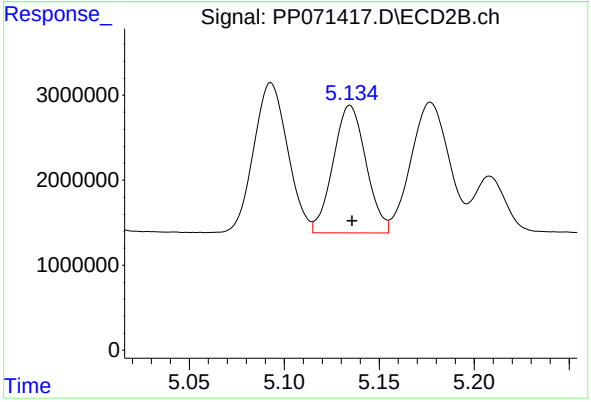
#5 AR-1016-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 21921068
Conc: 519.33 ng/ml



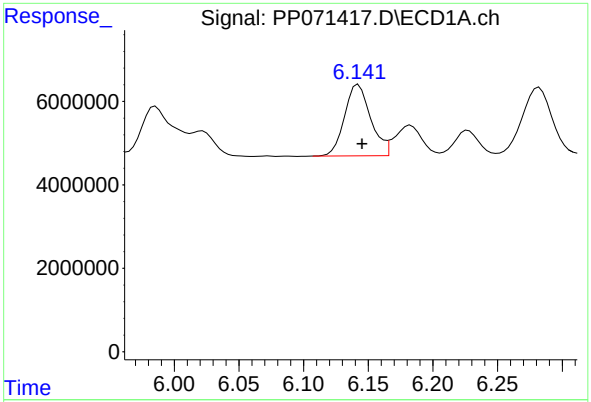
#6 AR-1016-4

R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 25444869
Conc: 496.02 ng/ml



#6 AR-1016-4

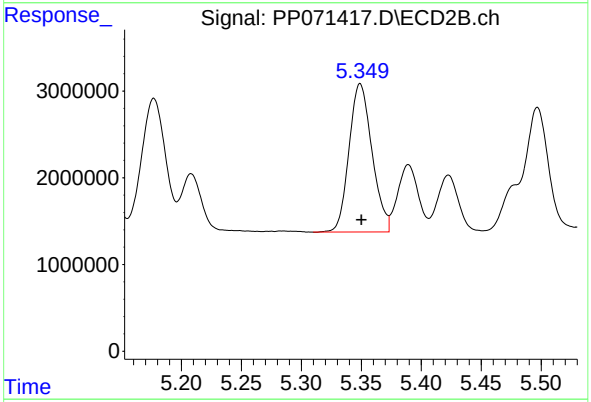
R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 18087794
Conc: 524.50 ng/ml



#7 AR-1016-5

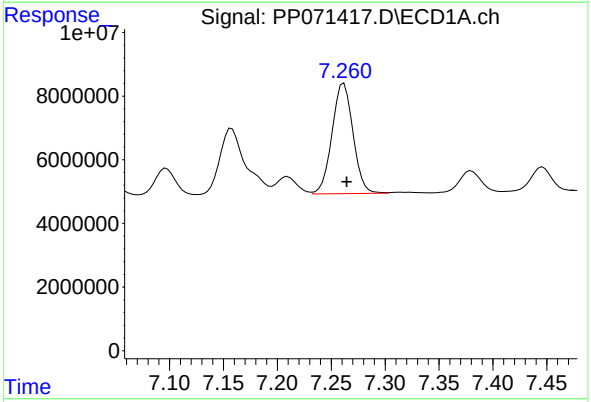
R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 24049539
Conc: 498.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



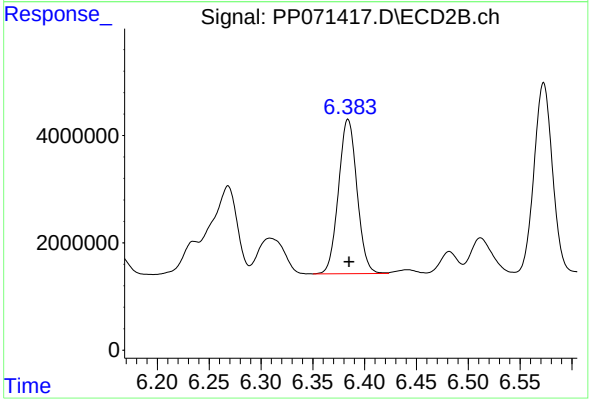
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 22819712
Conc: 513.41 ng/ml



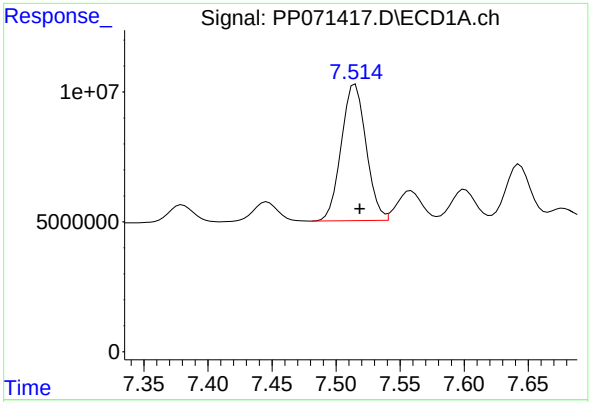
#31 AR-1260-1

R.T.: 7.262 min
Delta R.T.: -0.003 min
Response: 46974832
Conc: 489.20 ng/ml



#31 AR-1260-1

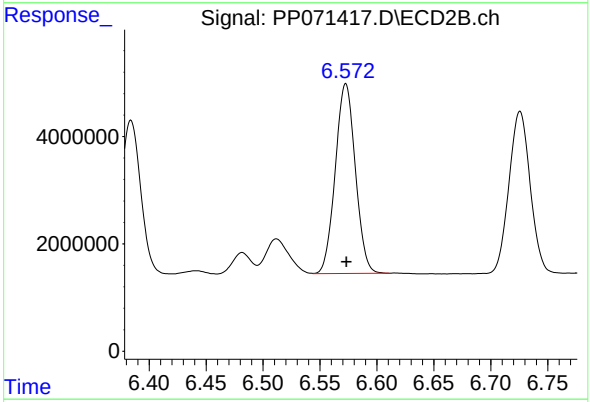
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 35744650
Conc: 494.40 ng/ml



#32 AR-1260-2

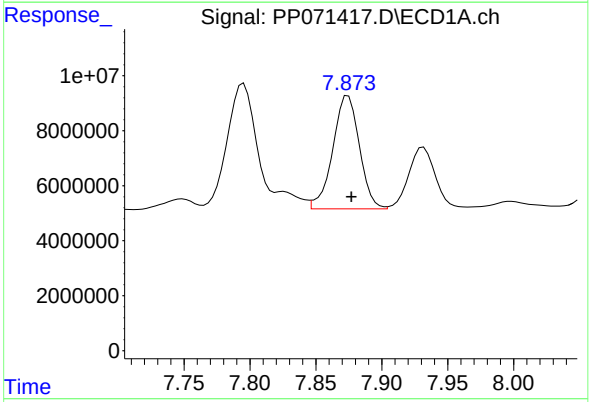
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 70731391
Conc: 494.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



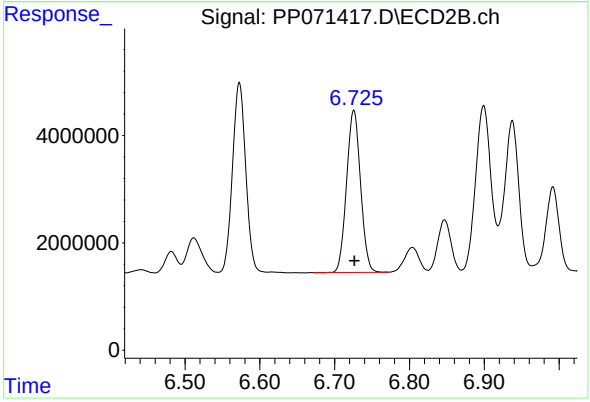
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 43416292
Conc: 496.41 ng/ml



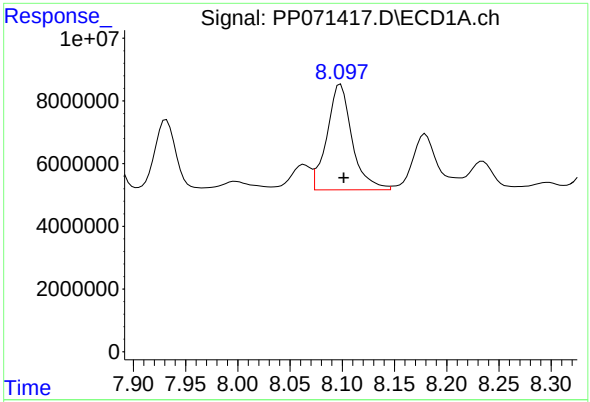
#33 AR-1260-3

R.T.: 7.875 min
Delta R.T.: -0.003 min
Response: 58007061
Conc: 517.44 ng/ml



#33 AR-1260-3

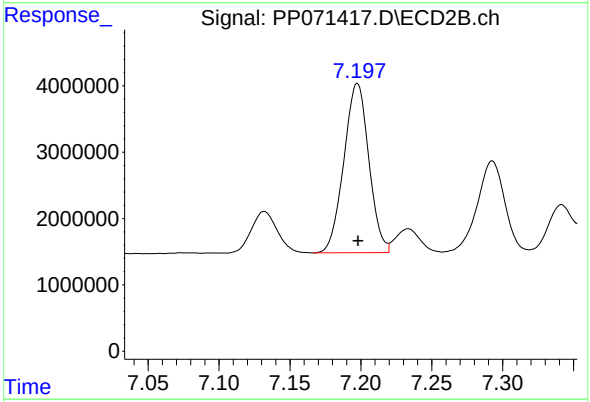
R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 39241127
Conc: 500.60 ng/ml



#34 AR-1260-4

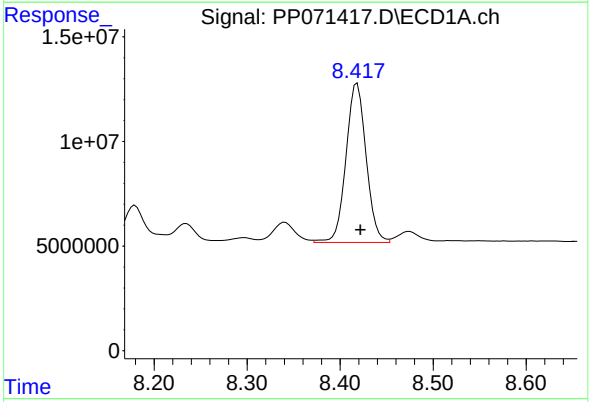
R.T.: 8.098 min
Delta R.T.: -0.003 min
Response: 56235072
Conc: 498.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



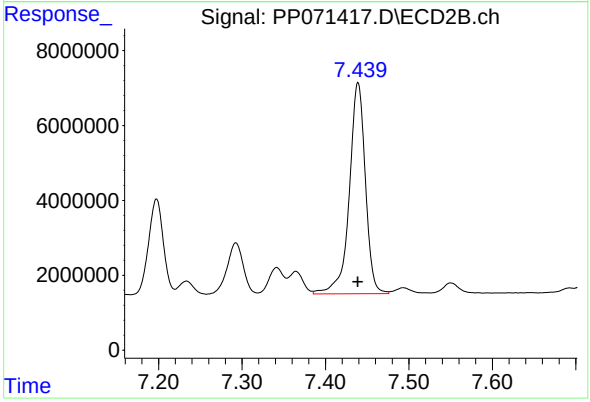
#34 AR-1260-4

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 31343464
Conc: 496.64 ng/ml



#35 AR-1260-5

R.T.: 8.418 min
Delta R.T.: -0.003 min
Response: 114665502
Conc: 506.09 ng/ml



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 75416996
Conc: 500.19 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:38
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:23:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 02:23:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	98322267	73653264	48.740	48.976
2)	SA Decachlor...	10.234	8.849	73973652	44775920	49.685	49.917
	Target Compounds						
16)	L4 AR-1242-1	5.669	4.898	28608484	23663233	489.076	493.809
17)	L4 AR-1242-2	5.690	4.917	43367430	33449196	480.598	489.769
18)	L4 AR-1242-3	5.753	5.094	25764272	18726327	483.300	486.783
19)	L4 AR-1242-4	5.850	5.178	21798483	18331184	484.040	488.202
20)	L4 AR-1242-5	6.581	5.702	23472650	21942094	485.668	487.912

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

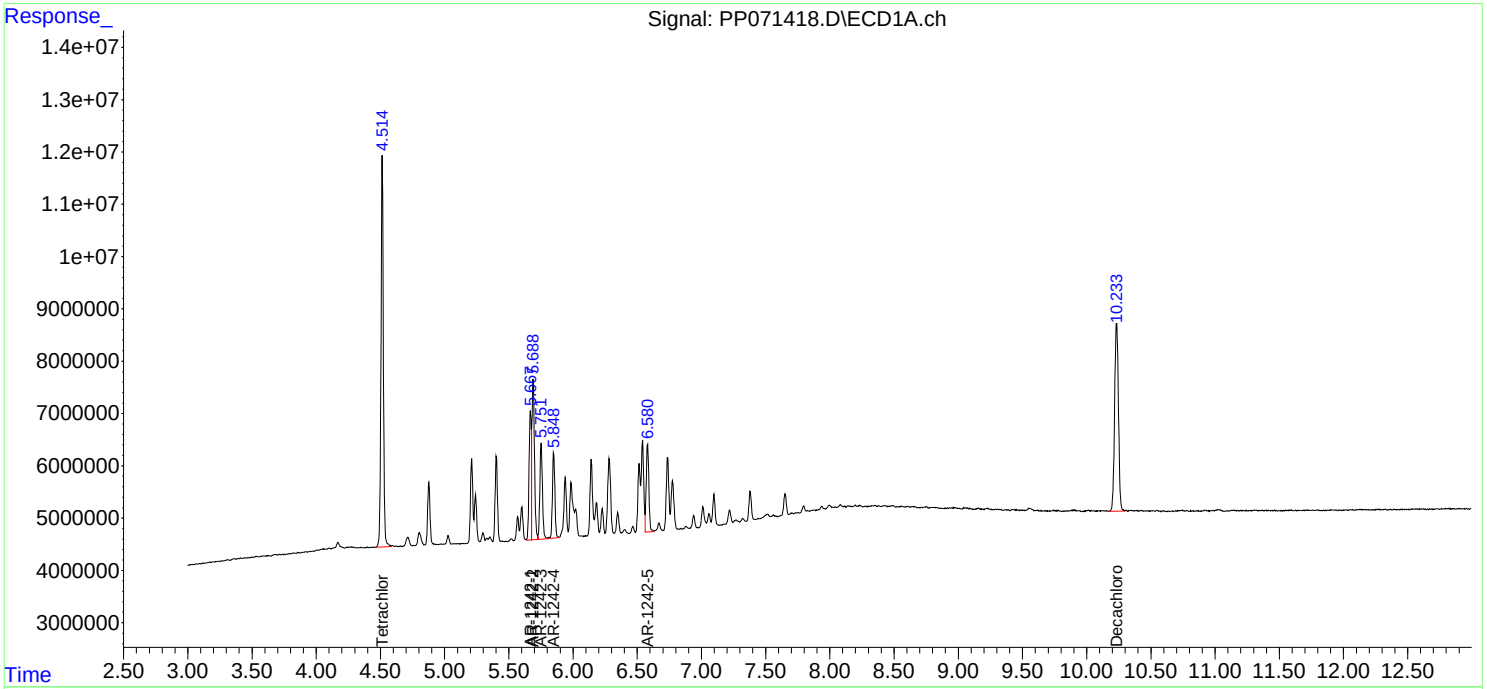
ICAL Form

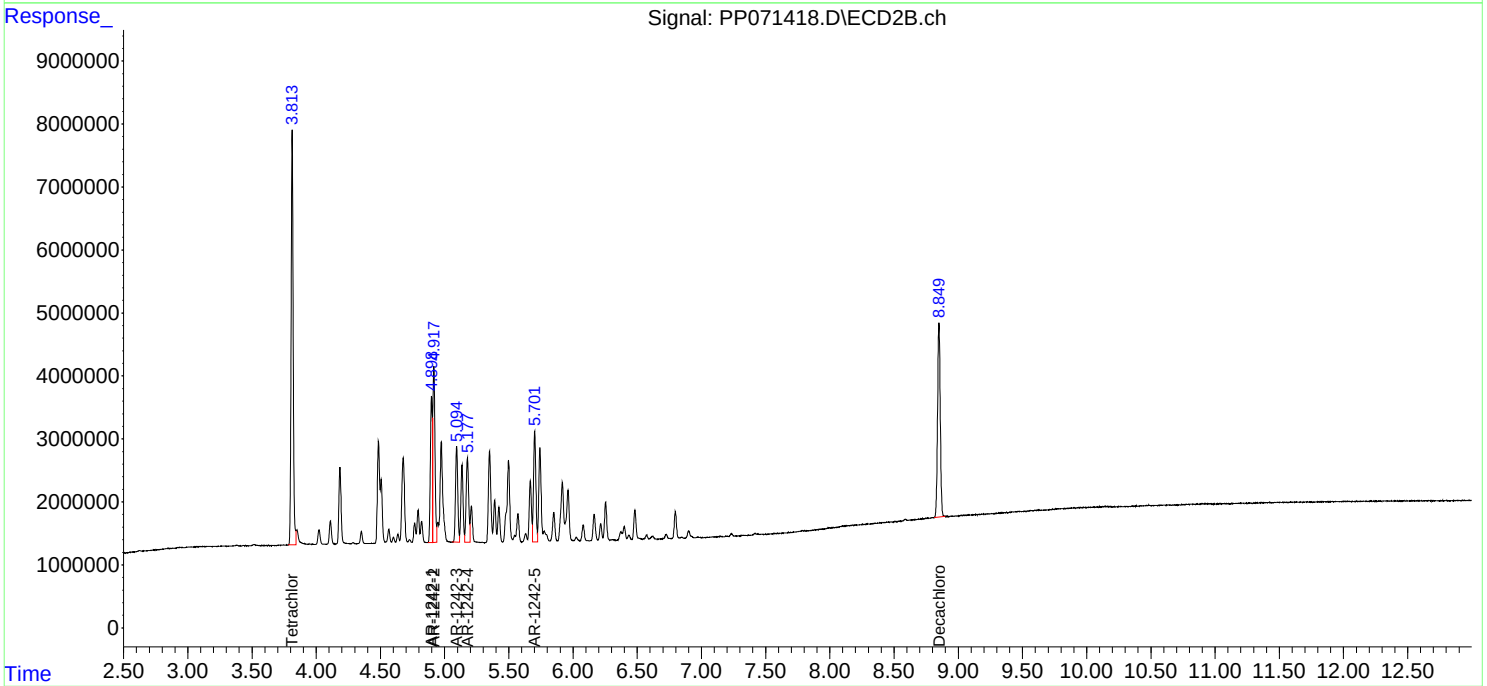
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:38
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

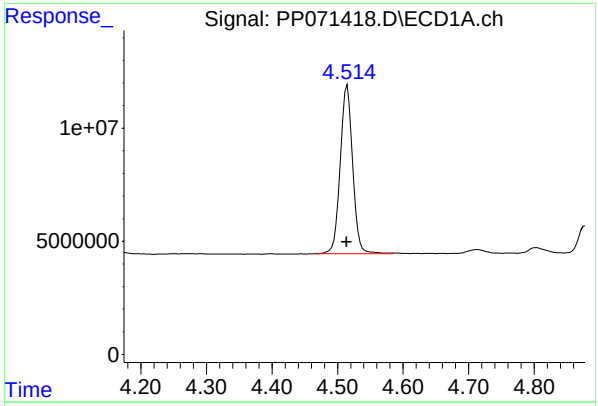
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:23:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 02:23:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



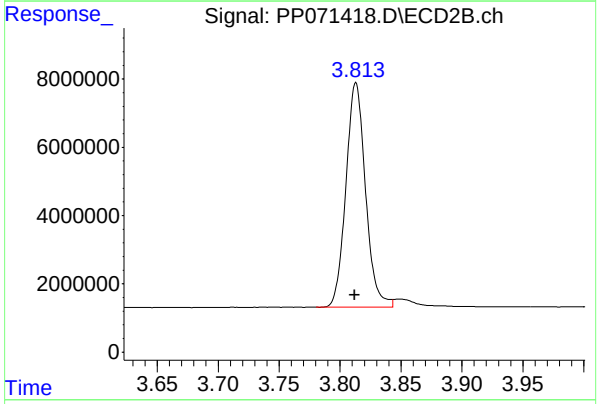




#1 Tetrachloro-m-xylene

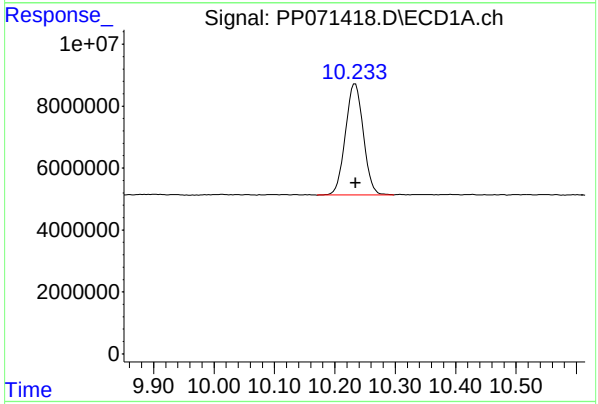
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 98322267
Conc: 48.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



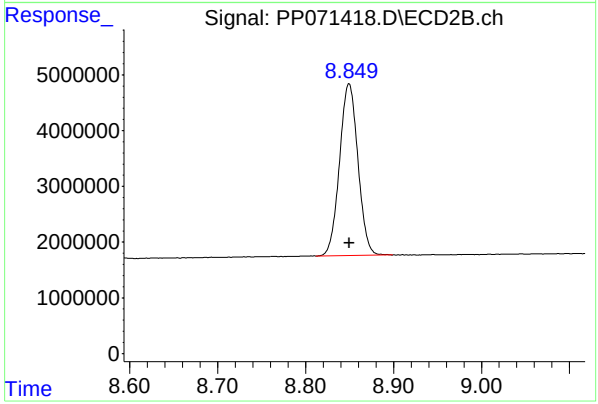
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 73653264
Conc: 48.98 ng/ml



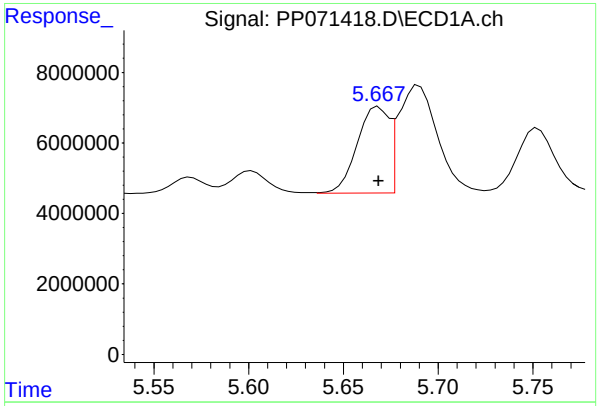
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.001 min
Response: 73973652
Conc: 49.69 ng/ml



#2 Decachlorobiphenyl

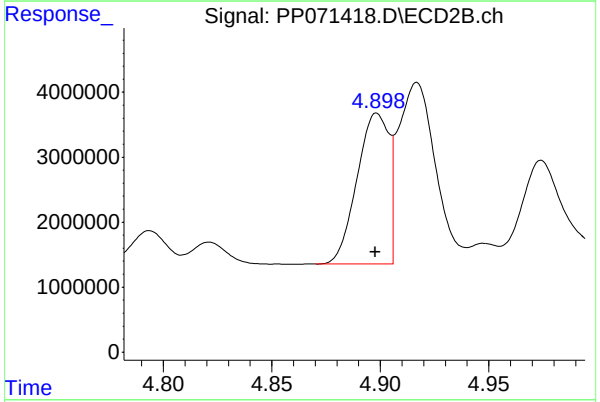
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 44775920
Conc: 49.92 ng/ml



#16 AR-1242-1

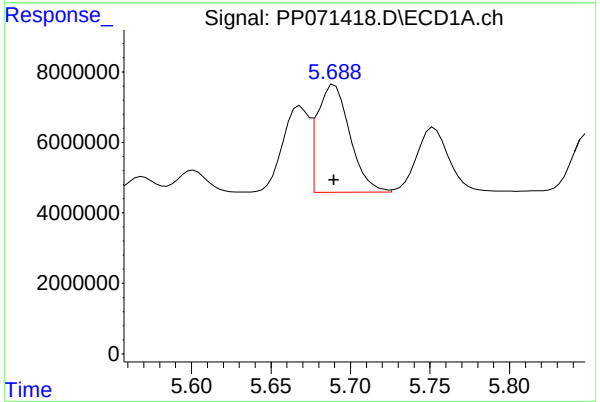
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 28608484
Conc: 489.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



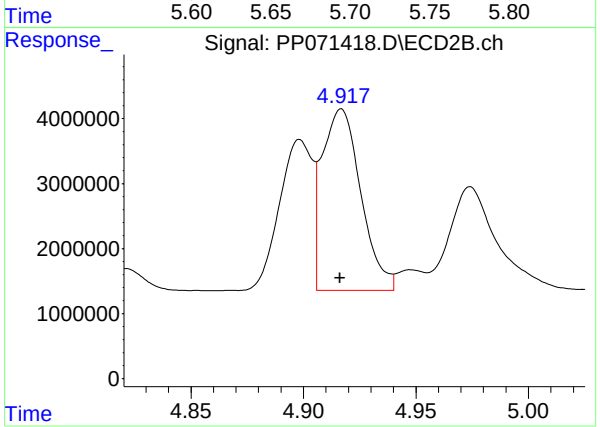
#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 23663233
Conc: 493.81 ng/ml



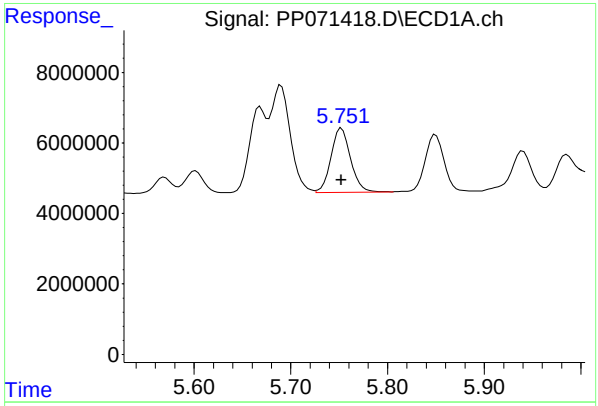
#17 AR-1242-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 43367430
Conc: 480.60 ng/ml



#17 AR-1242-2

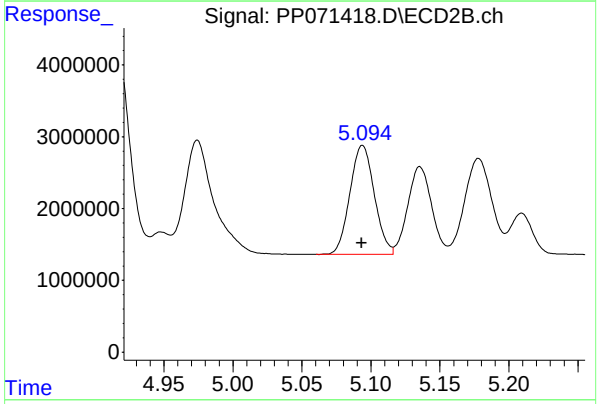
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 33449196
Conc: 489.77 ng/ml



#18 AR-1242-3

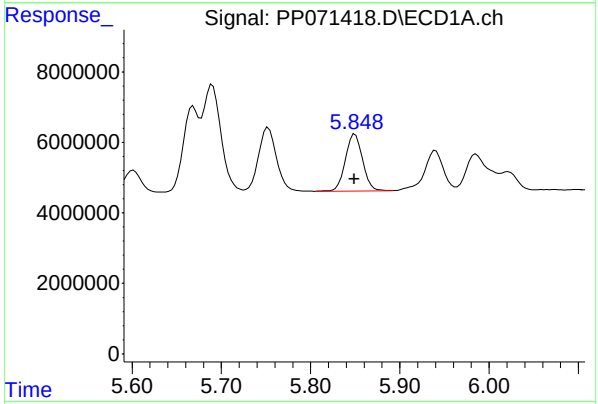
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 25764272
Conc: 483.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



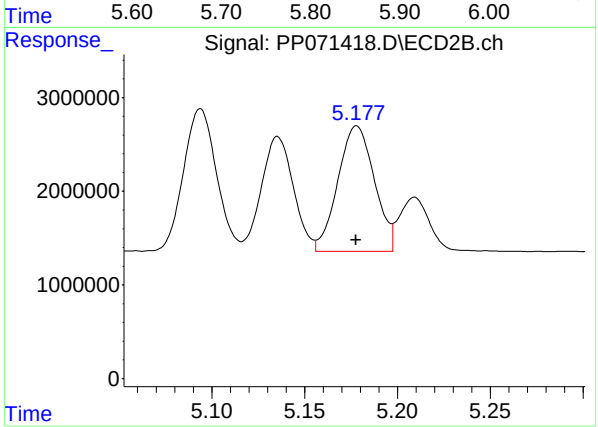
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 18726327
Conc: 486.78 ng/ml



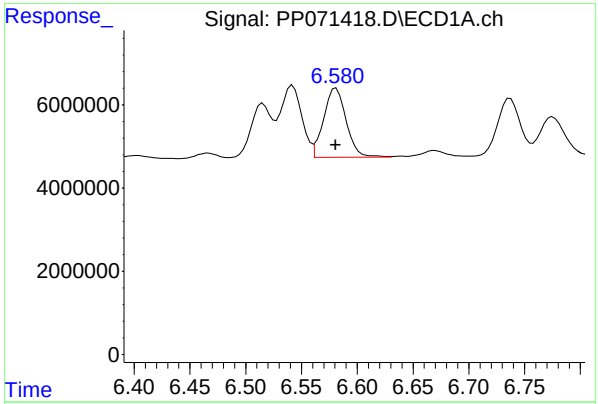
#19 AR-1242-4

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 21798483
Conc: 484.04 ng/ml



#19 AR-1242-4

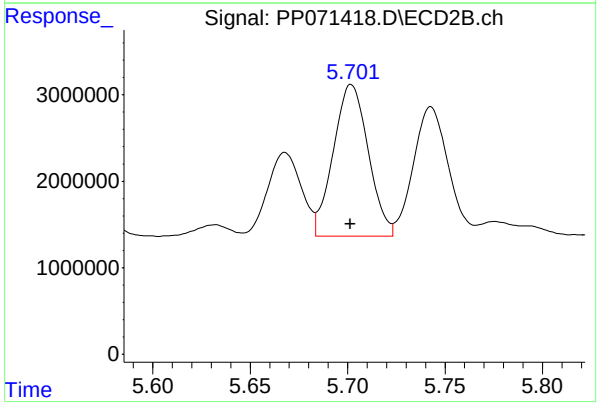
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 18331184
Conc: 488.20 ng/ml



#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 23472650
Conc: 485.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



#20 AR-1242-5

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 21942094
Conc: 487.91 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:27
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 07:42:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	98804591	74071948	49.835	52.584
2)	SA Decachlor...	10.234	8.848	74699675	45534064	51.588	51.917
	Target Compounds						
21)	L5 AR-1248-1	5.667	4.897	22002964	19168563	512.425	530.888
22)	L5 AR-1248-2	5.938	5.135	30310191	26184570	501.555	534.789
23)	L5 AR-1248-3	6.141	5.177	34304891	27346403	513.666	535.307
24)	L5 AR-1248-4	6.541	5.349	43159659	31642146	510.096	521.654
25)	L5 AR-1248-5	6.580	5.742	40310718	30029077	507.383	515.159

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

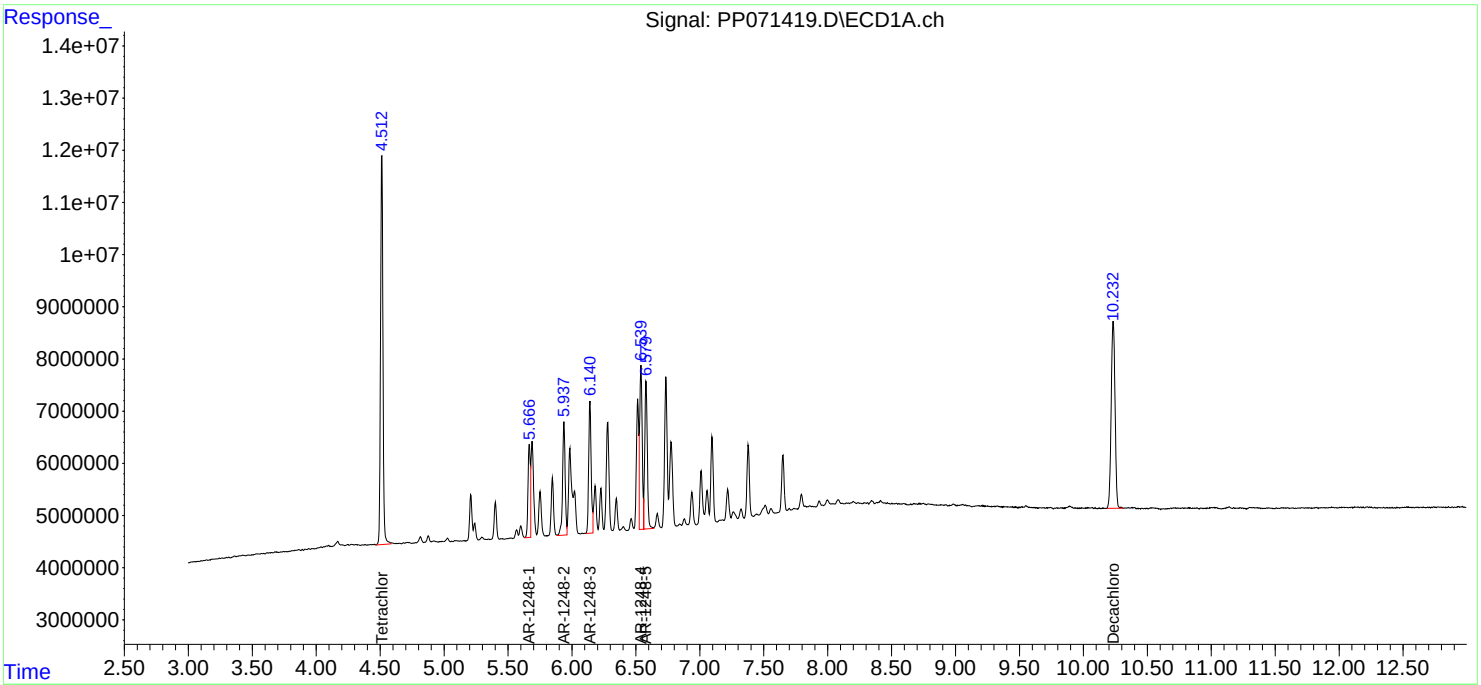
ICAL Form

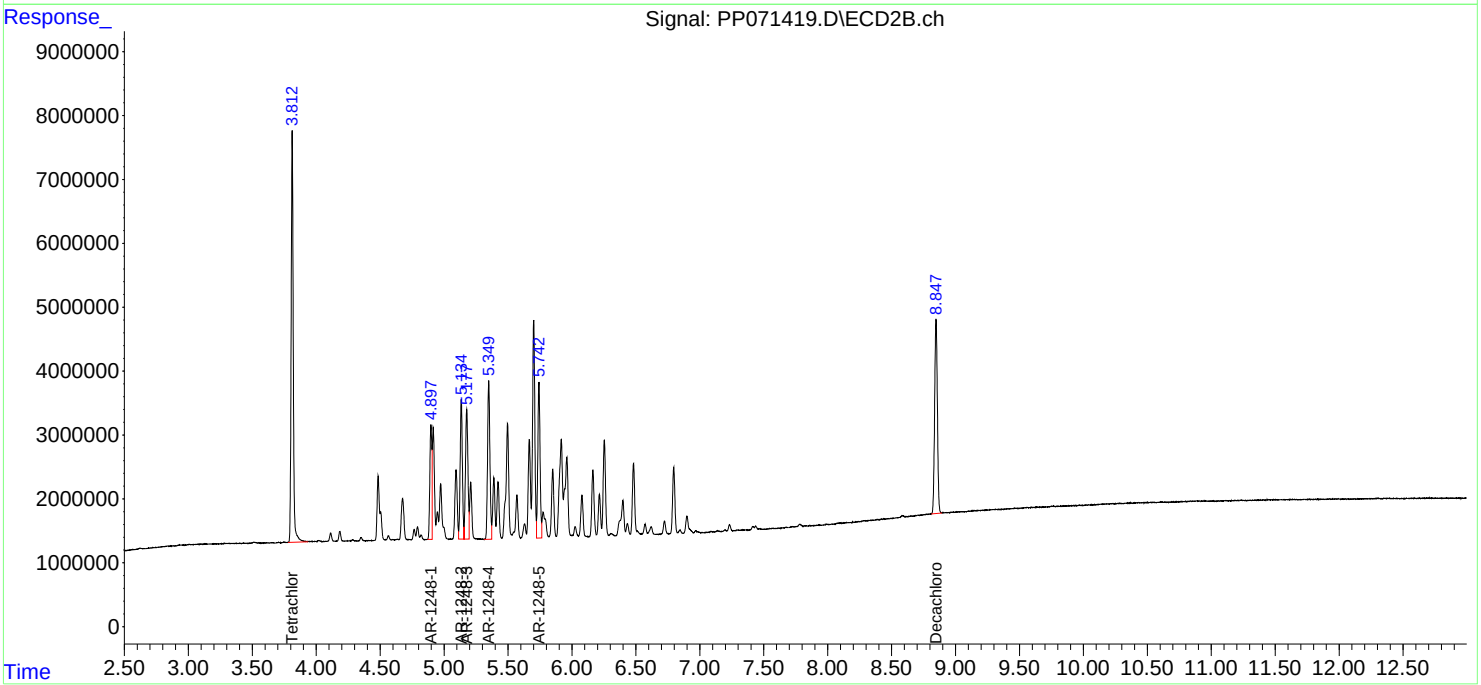
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:27
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 5 Sample Multiplier: 1

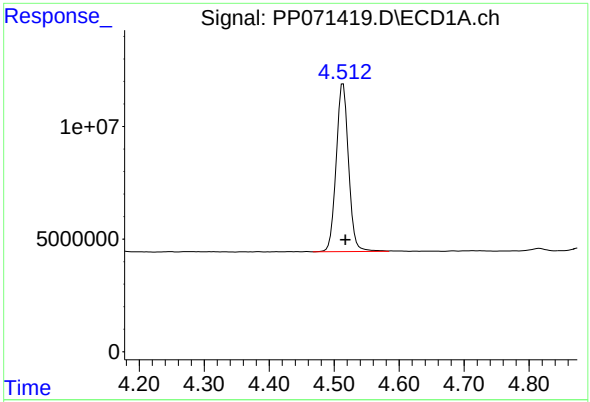
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 07:42:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



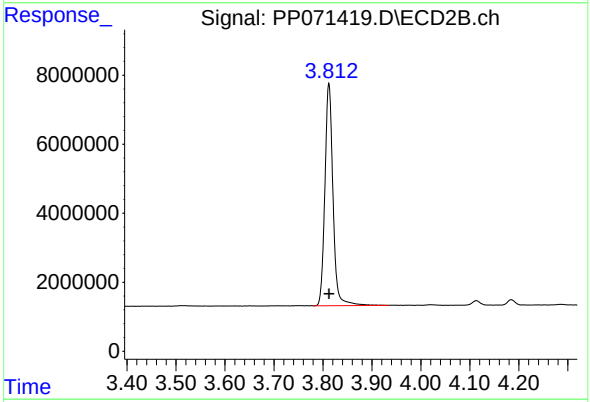




#1 Tetrachloro-m-xylene

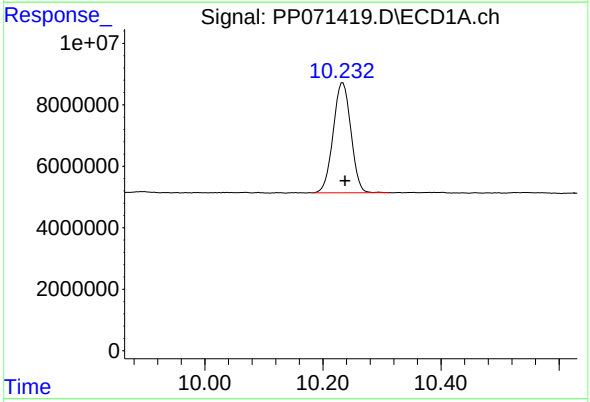
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 98804591
Conc: 49.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



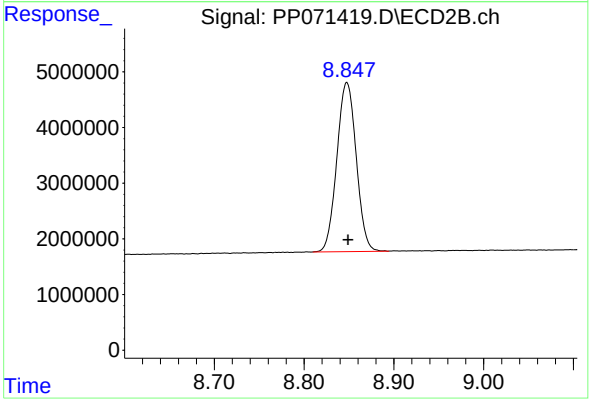
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 74071948
Conc: 52.58 ng/ml



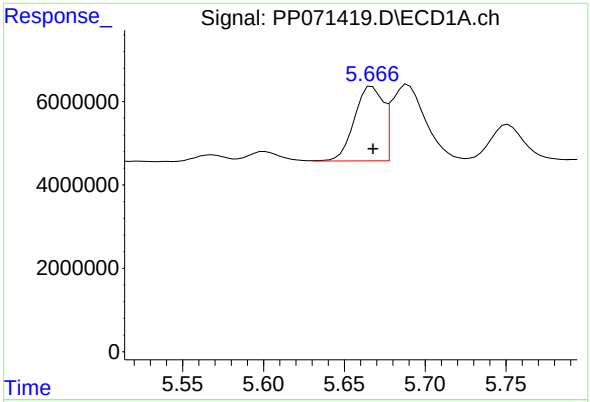
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.004 min
Response: 74699675
Conc: 51.59 ng/ml



#2 Decachlorobiphenyl

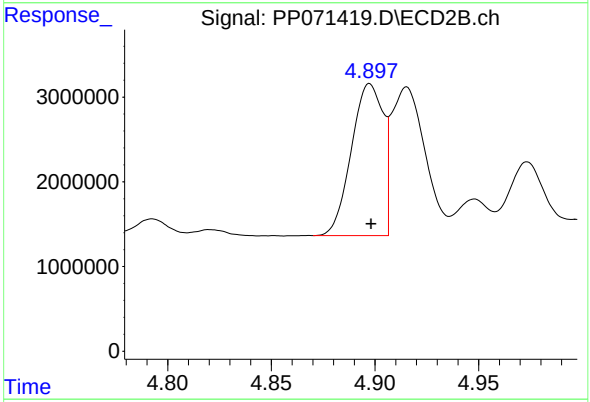
R.T.: 8.848 min
Delta R.T.: -0.001 min
Response: 45534064
Conc: 51.92 ng/ml



#21 AR-1248-1

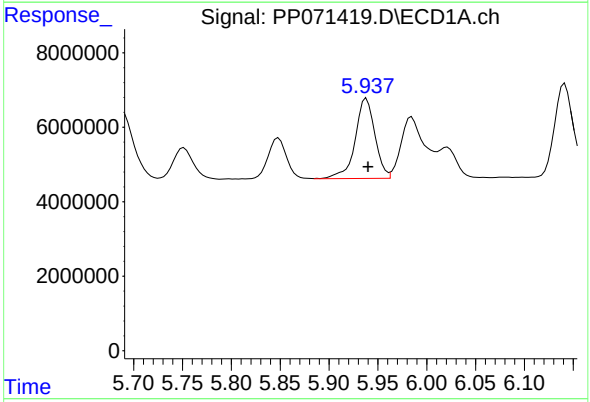
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 22002964
Conc: 512.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



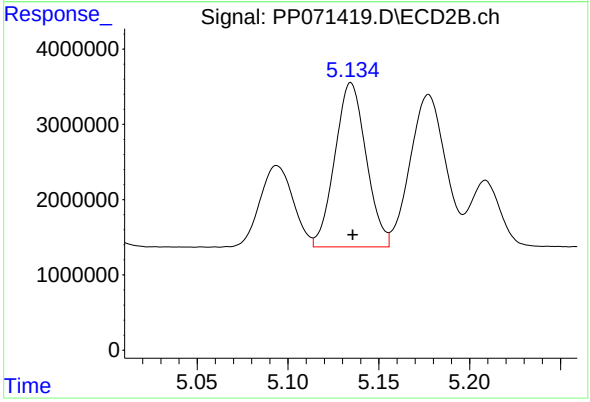
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 19168563
Conc: 530.89 ng/ml



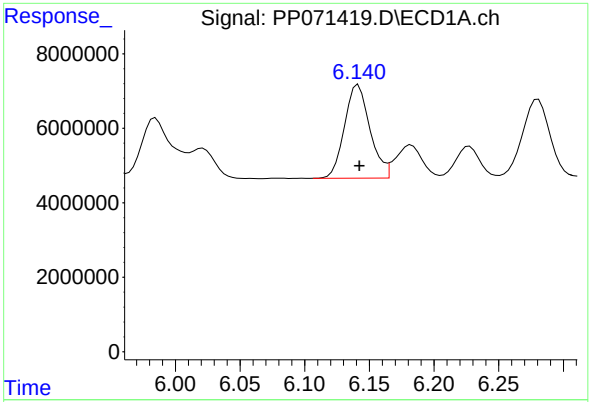
#22 AR-1248-2

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 30310191
Conc: 501.55 ng/ml



#22 AR-1248-2

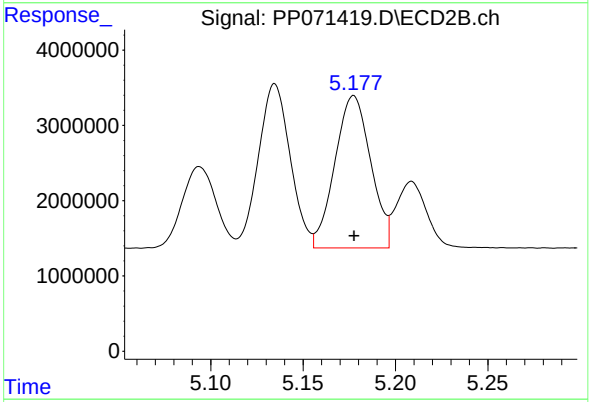
R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 26184570
Conc: 534.79 ng/ml



#23 AR-1248-3

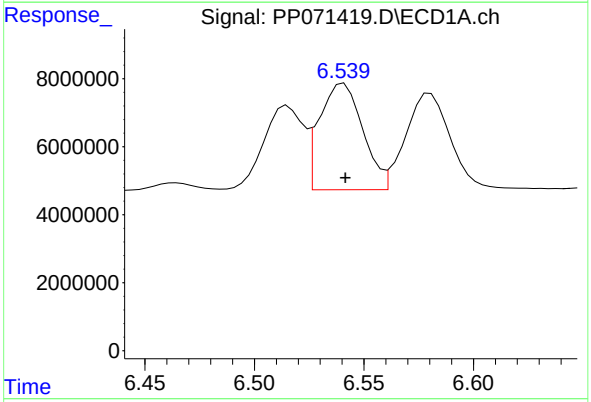
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 34304891
Conc: 513.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



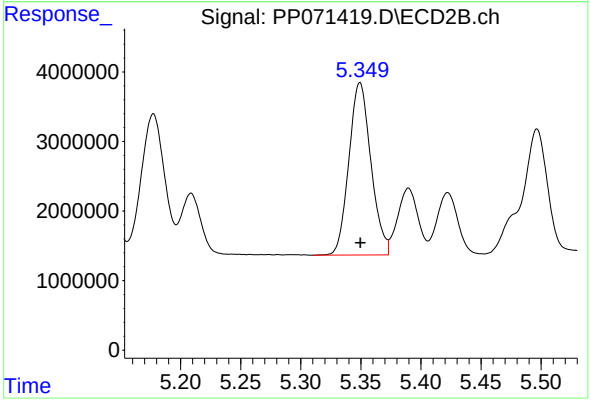
#23 AR-1248-3

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 27346403
Conc: 535.31 ng/ml



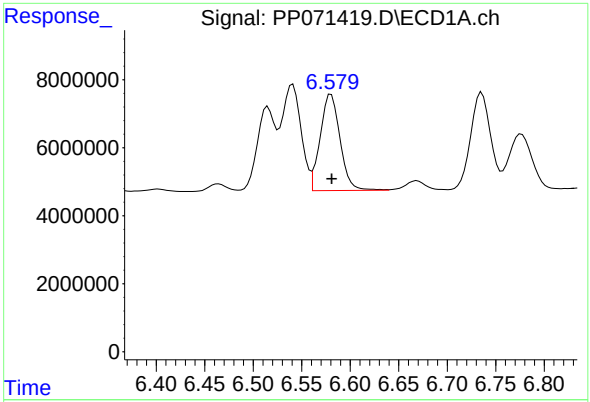
#24 AR-1248-4

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 43159659
Conc: 510.10 ng/ml



#24 AR-1248-4

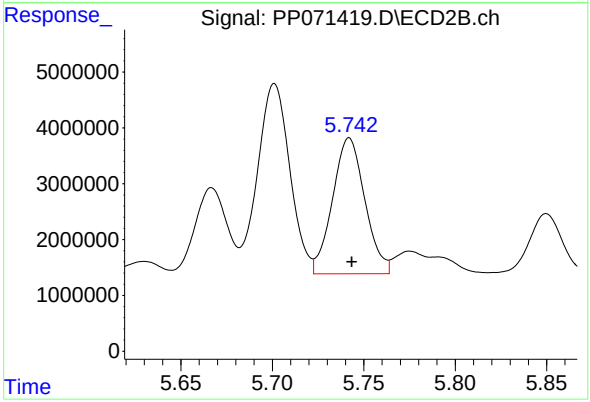
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 31642146
Conc: 521.65 ng/ml



#25 AR-1248-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 40310718
Conc: 507.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



#25 AR-1248-5

R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 30029077
Conc: 515.16 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:43
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:28:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 19:27:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.813	98111190	74345146	50.931	50.716
2)	SA Decachlor...	10.232	8.849	73988546	45066273	50.788	50.509
	Target Compounds						
26)	L6 AR-1254-1	6.517	5.702	41728109	42206013	509.183	461.771
27)	L6 AR-1254-2	6.733	5.850	64122746	35938664	504.601	456.583
28)	L6 AR-1254-3	7.097	6.254	64574948	56055056	505.381	473.005
29)	L6 AR-1254-4	7.379	6.482	58986526	36616929	501.956	474.524
30)	L6 AR-1254-5	7.796	6.900	55244441	47442452	512.803	467.562

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

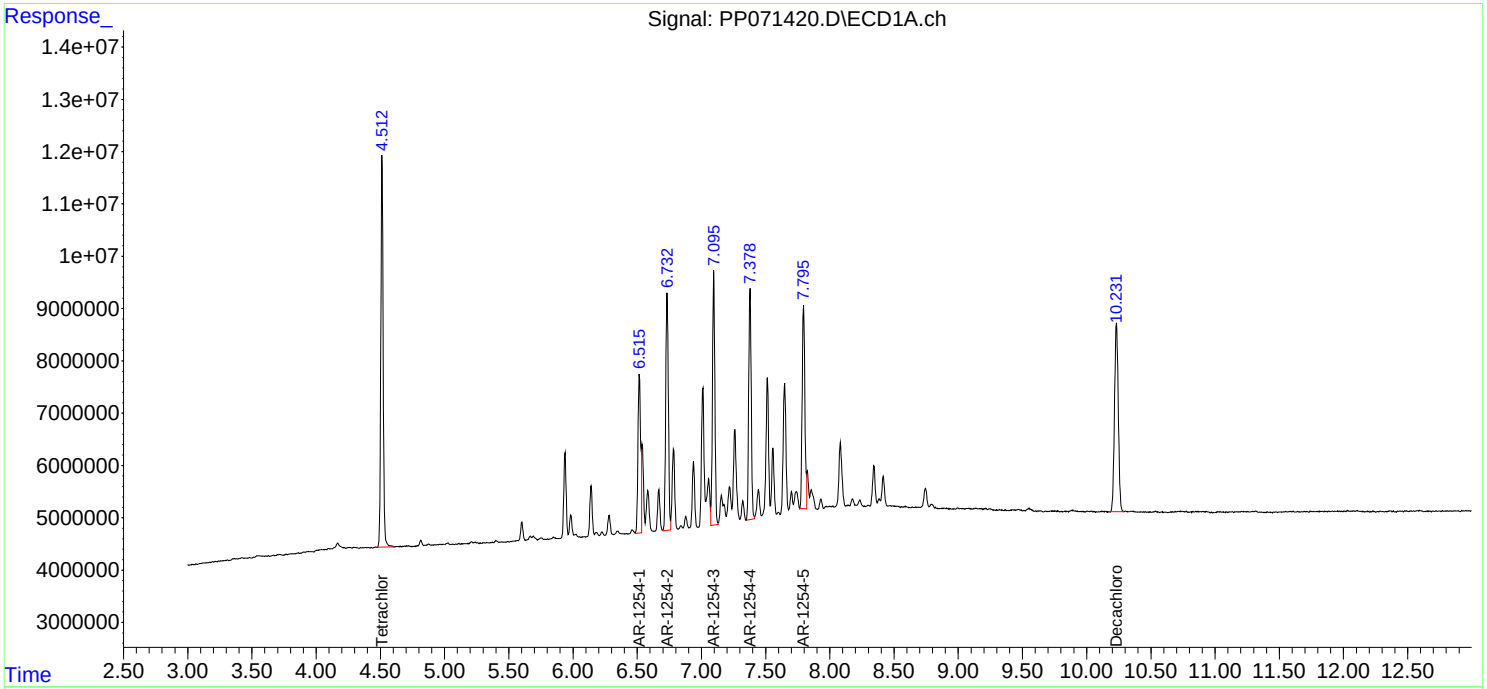
ICAL Form

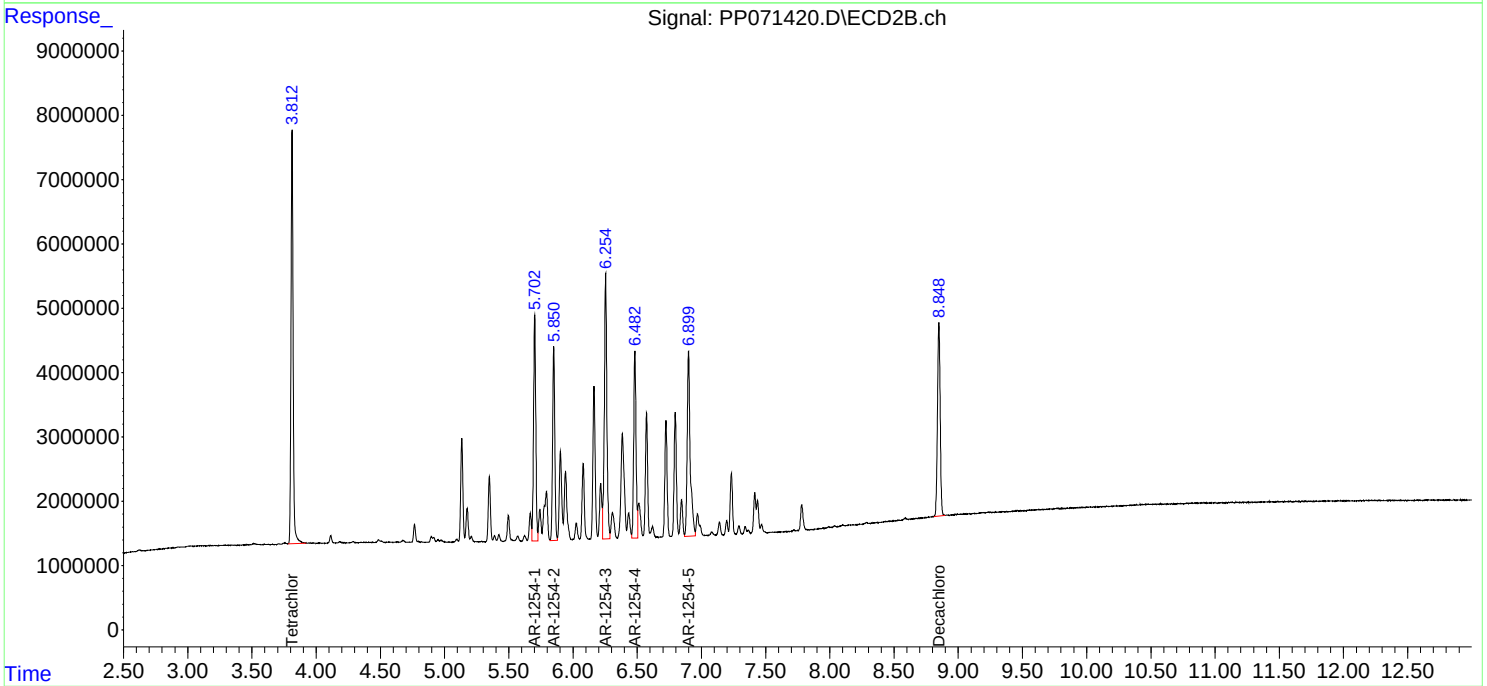
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:43
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

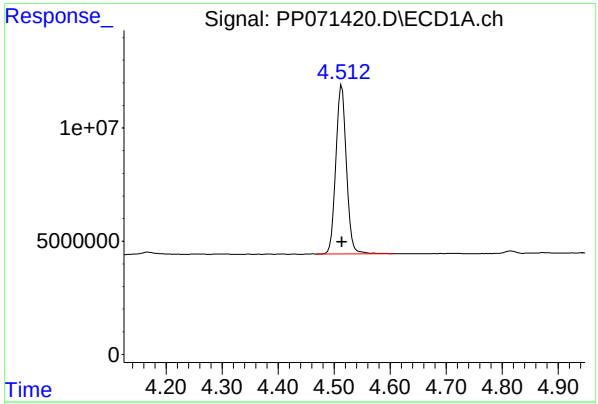
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:28:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 19:27:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



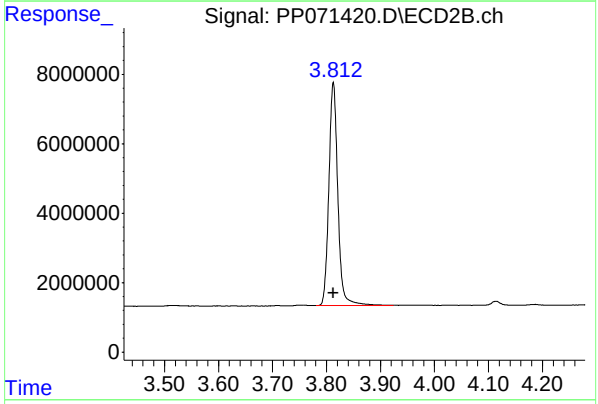




#1 Tetrachloro-m-xylene

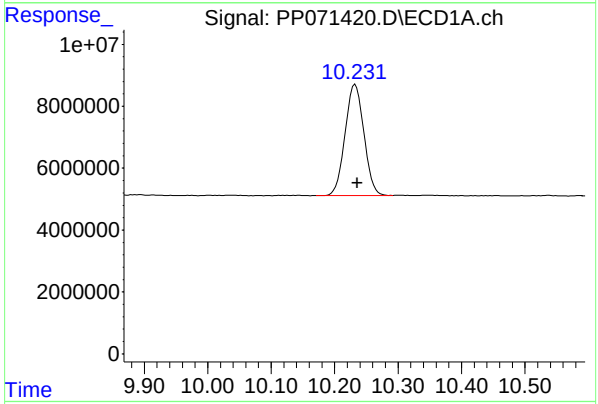
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 98111190
Conc: 50.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



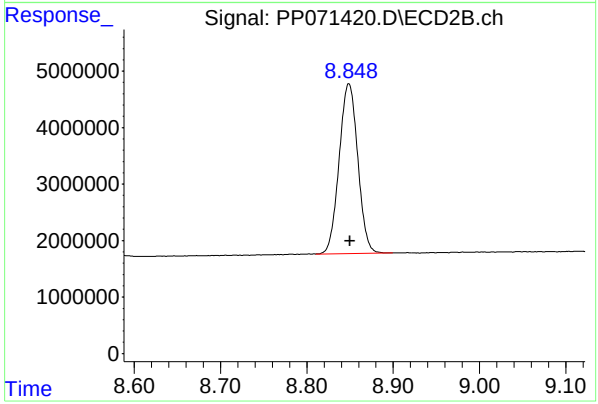
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 74345146
Conc: 50.72 ng/ml



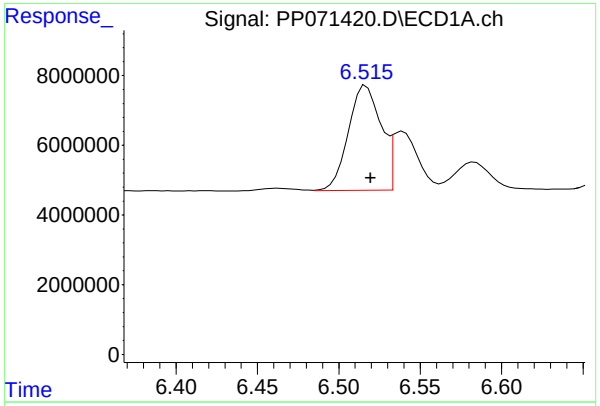
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: -0.004 min
Response: 73988546
Conc: 50.79 ng/ml



#2 Decachlorobiphenyl

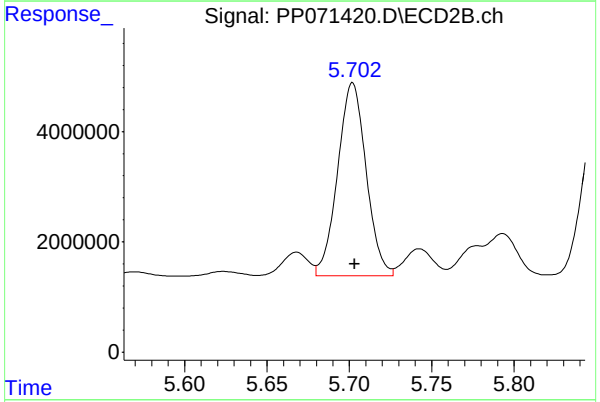
R.T.: 8.849 min
Delta R.T.: -0.001 min
Response: 45066273
Conc: 50.51 ng/ml



#26 AR-1254-1

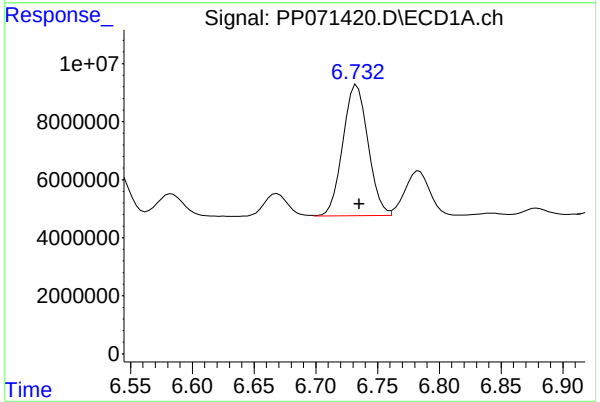
R.T.: 6.517 min
Delta R.T.: -0.003 min
Response: 41728109
Conc: 509.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



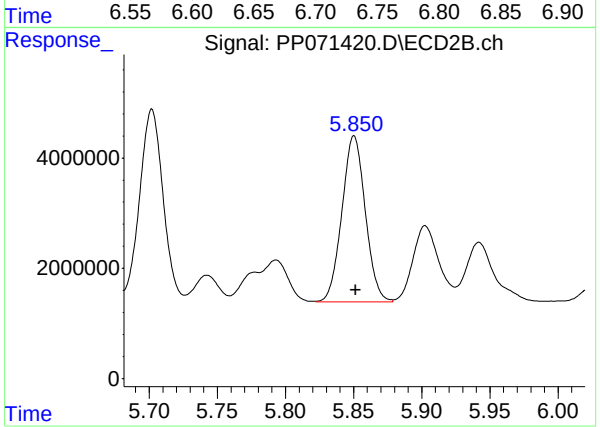
#26 AR-1254-1

R.T.: 5.702 min
Delta R.T.: -0.001 min
Response: 42206013
Conc: 461.77 ng/ml



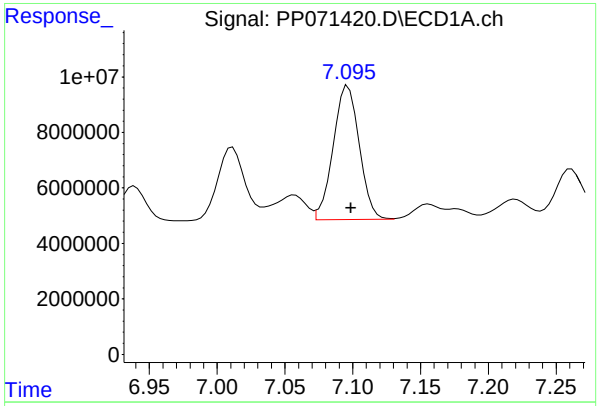
#27 AR-1254-2

R.T.: 6.733 min
Delta R.T.: -0.002 min
Response: 64122746
Conc: 504.60 ng/ml



#27 AR-1254-2

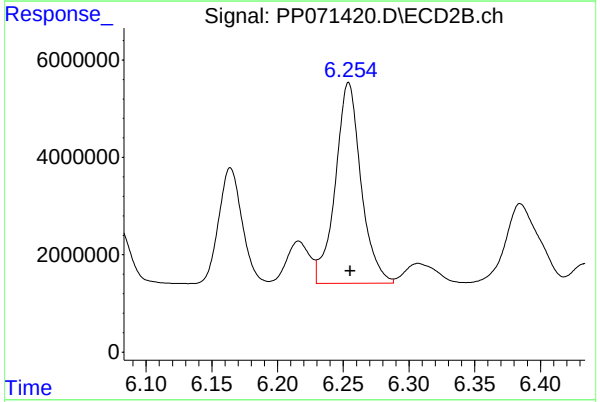
R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 35938664
Conc: 456.58 ng/ml



#28 AR-1254-3

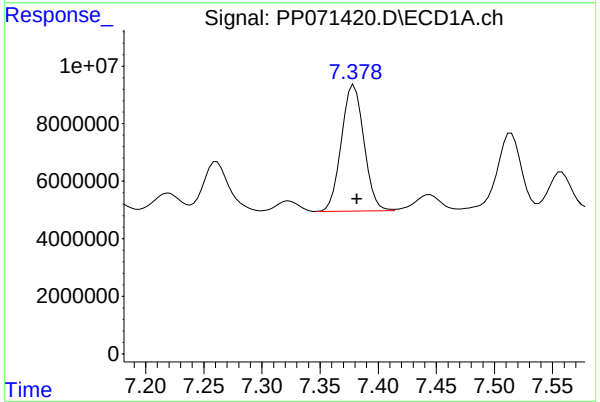
R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 64574948
Conc: 505.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



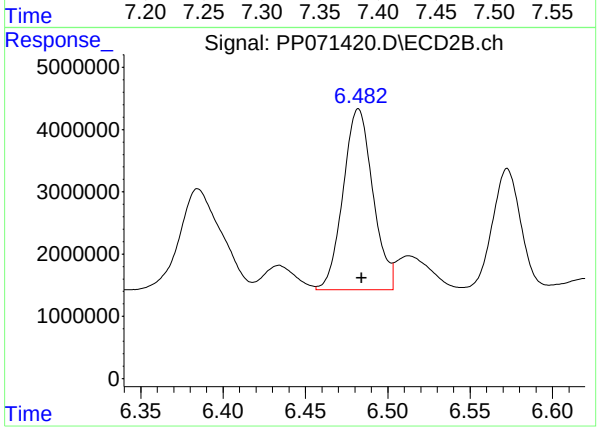
#28 AR-1254-3

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 56055056
Conc: 473.01 ng/ml



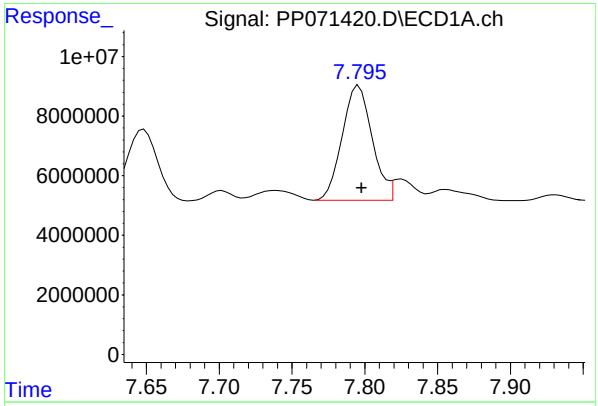
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: -0.003 min
Response: 58986526
Conc: 501.96 ng/ml



#29 AR-1254-4

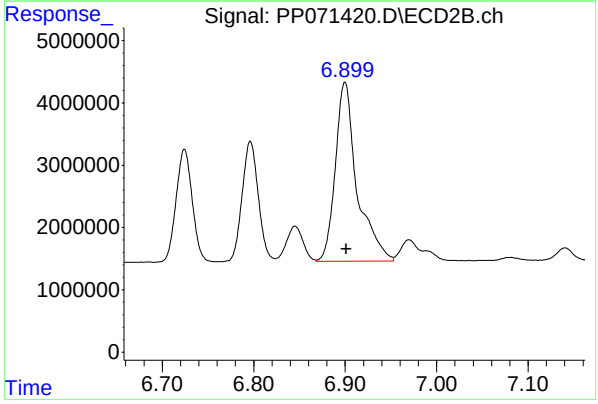
R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 36616929
Conc: 474.52 ng/ml



#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: -0.002 mi
Response: 55244441
Conc: 512.80 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



#30 AR-1254-5

R.T.: 6.900 min
Delta R.T.: -0.002 min
Response: 47442452
Conc: 467.56 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 20:16
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.516	3.814	98428428	75098106	49.661	51.289
2)	SA Decachlor...	10.234	8.850	131.8E6	79464849	49.365	49.579
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	157.9E6	98709054	493.783	486.283m
42)	L9 AR-1268-2	8.827	7.788	132.3E6	84218105	493.704	487.500
43)	L9 AR-1268-3	9.058	7.992	112.3E6	69254815	498.379	484.016
44)	L9 AR-1268-4	9.477	8.286	48904008	30724632	493.945	483.689
45)	L9 AR-1268-5	9.894	8.588	309.0E6	189.8E6	497.455	492.818

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 20:16
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

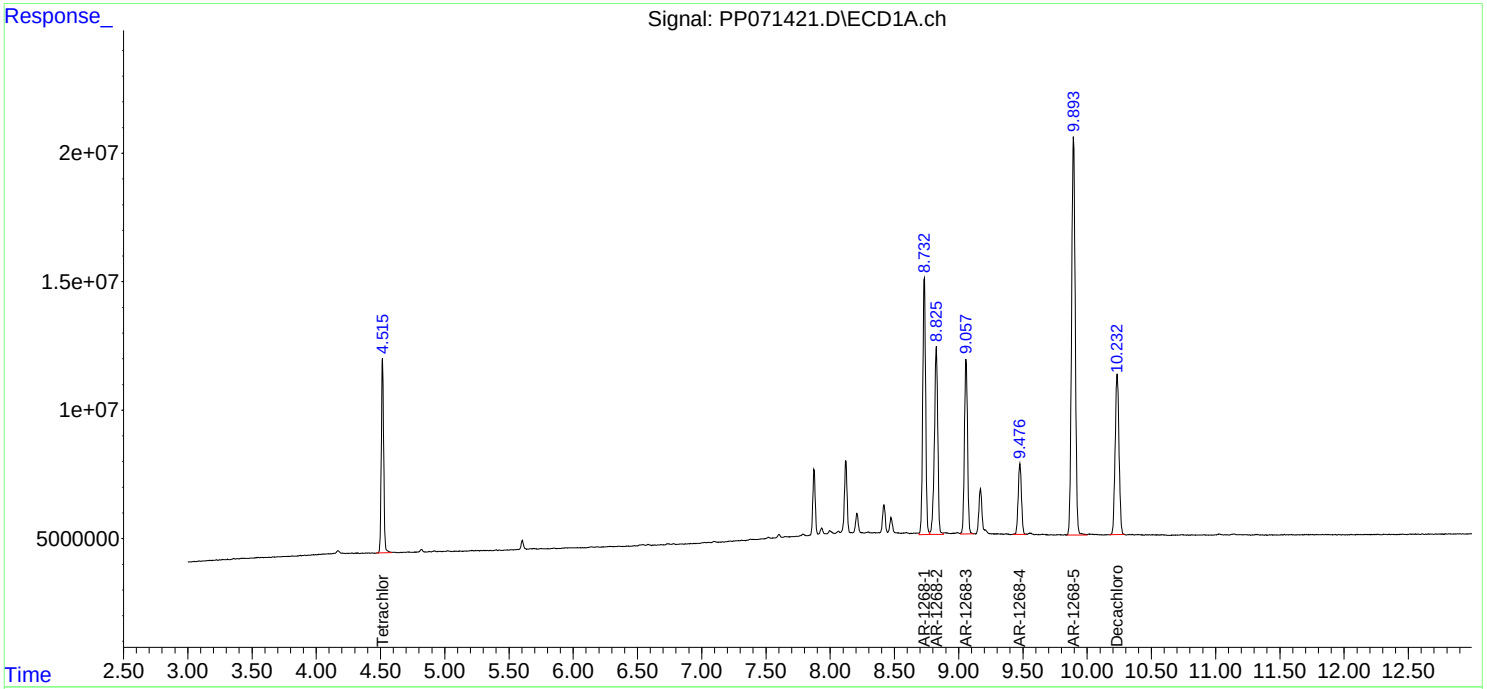
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

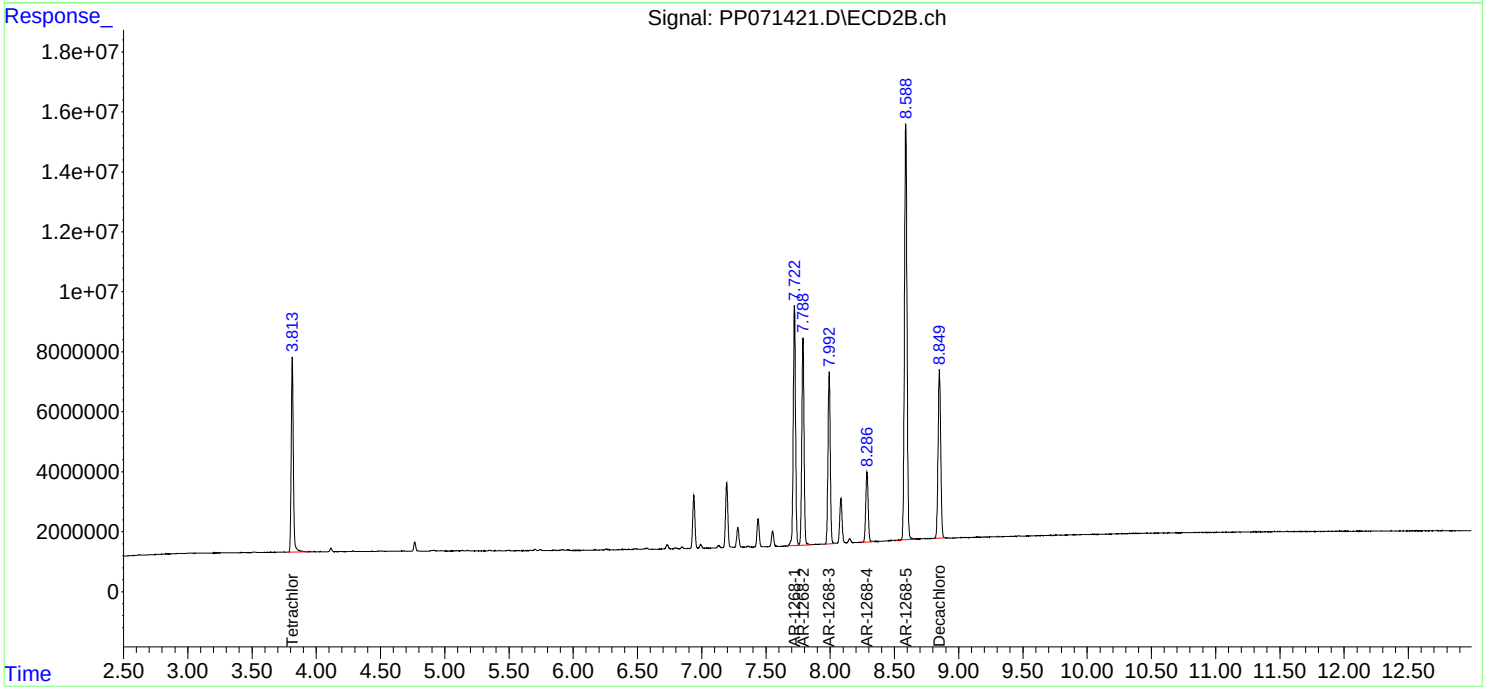
Manual Integrations APPROVED

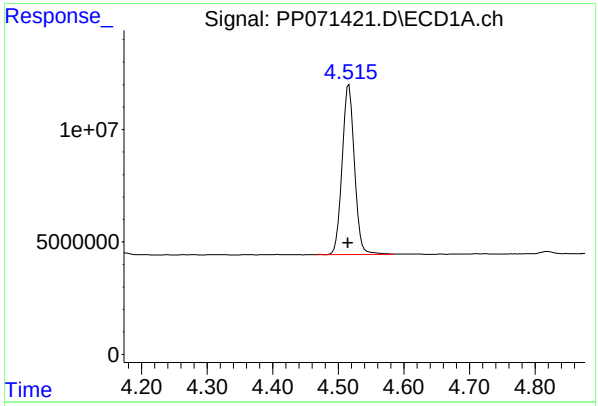
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







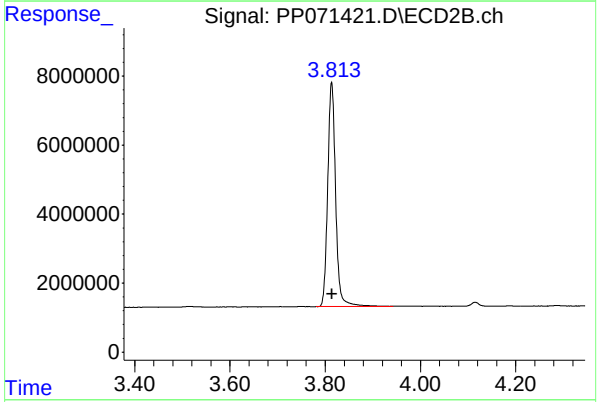
#1 Tetrachloro-m-xylene

R.T.: 4.516 min
Delta R.T.: 0.001 min
Response: 98428428
Conc: 49.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

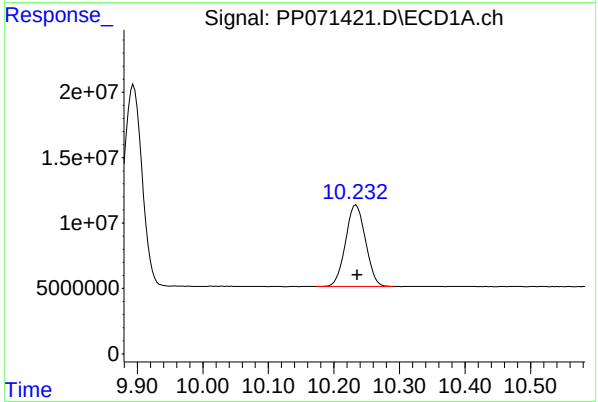
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



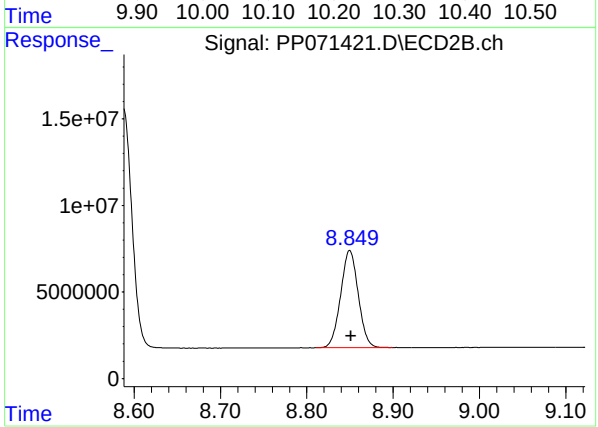
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 75098106
Conc: 51.29 ng/ml



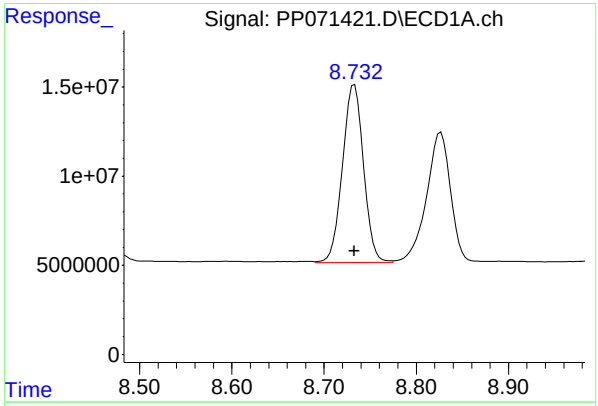
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.002 min
Response: 131775212
Conc: 49.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 79464849
Conc: 49.58 ng/ml



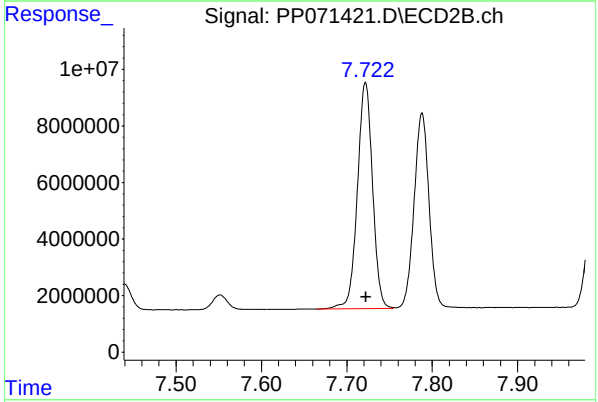
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 157884565
Conc: 493.78 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

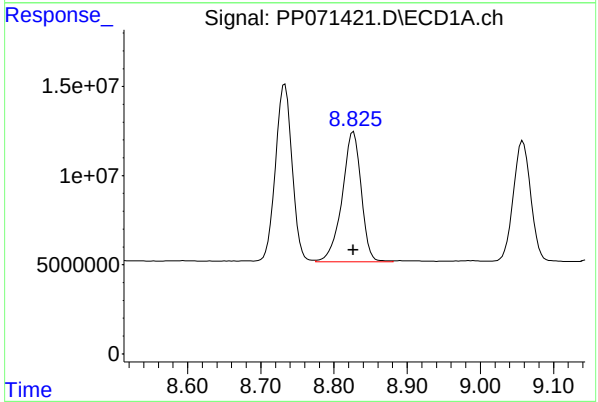
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



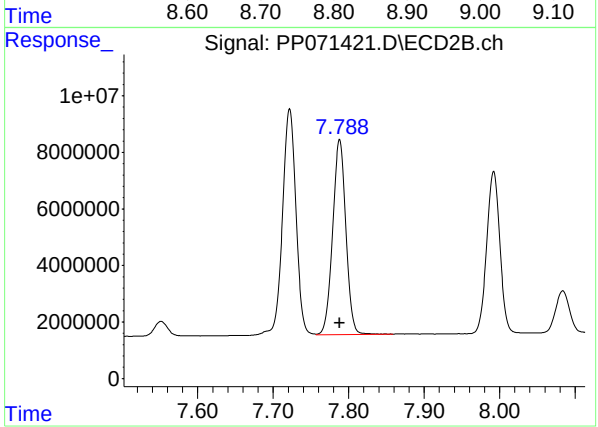
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 98709054
Conc: 486.28 ng/ml m



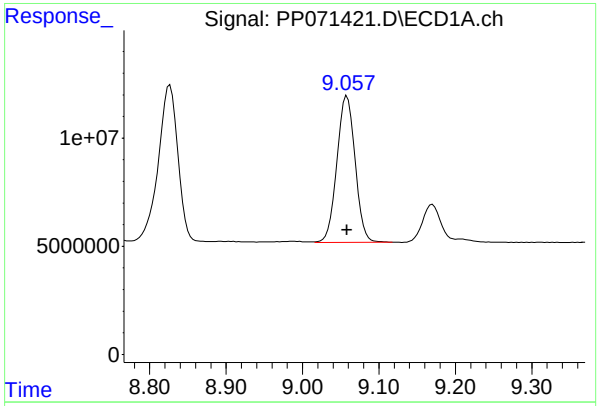
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 132293136
Conc: 493.70 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 84218105
Conc: 487.50 ng/ml



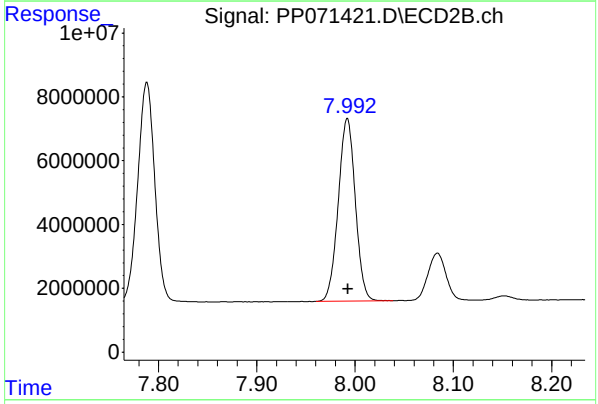
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 112276971
Conc: 498.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

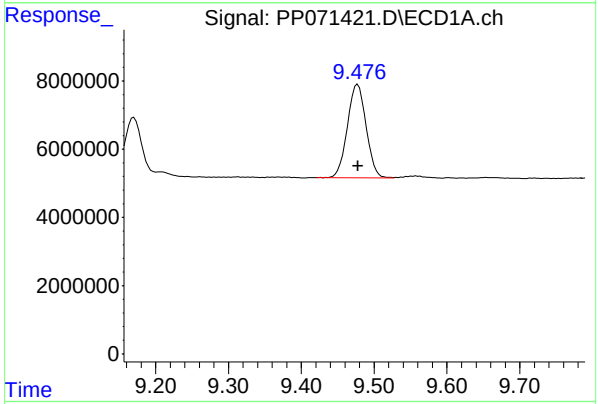
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



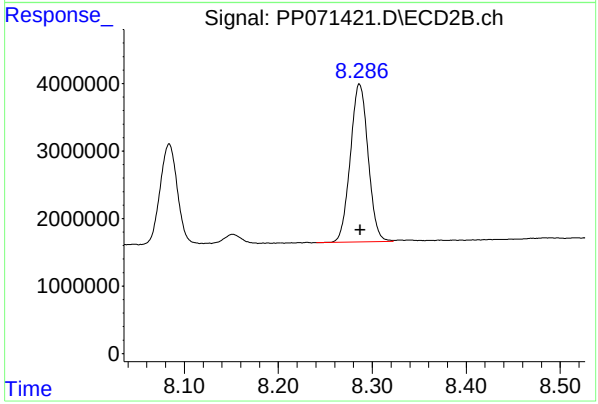
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 69254815
Conc: 484.02 ng/ml



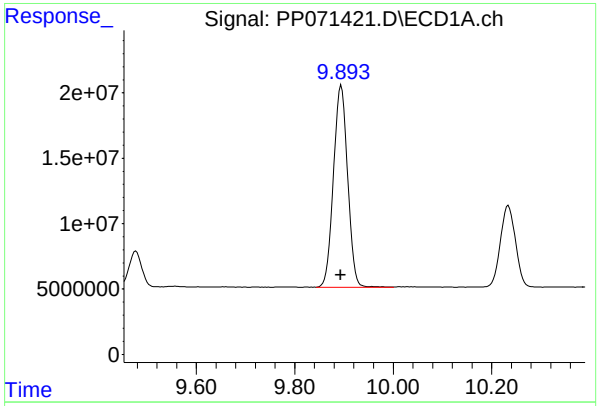
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 48904008
Conc: 493.94 ng/ml



#44 AR-1268-4

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 30724632
Conc: 483.69 ng/ml



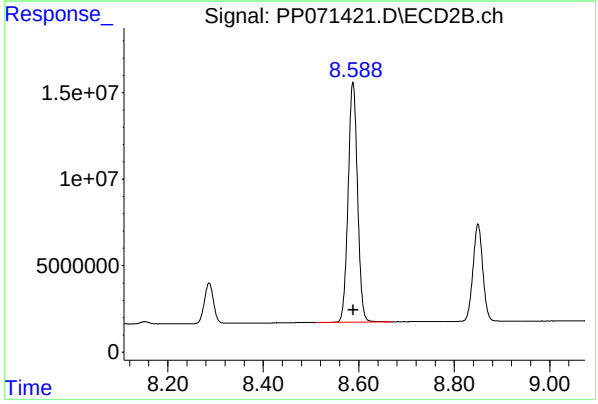
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 308950692
Conc: 497.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 189821225
Conc: 492.82 ng/ml

Raw Data: **PO110673.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 10:09 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.82	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.08	7.09	6.99	7.19	0.01
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110673.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 10:09 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Raw Data: **PO110673.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110673.D **Time Analyzed:** 10:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.775	4.679	4.879	528.270	500.000	5.7
Aroclor-1016-2	4.794	4.698	4.898	524.580	500.000	4.9
Aroclor-1016-3	4.850	4.755	4.955	516.250	500.000	3.3
Aroclor-1016-4	4.970	4.875	5.075	526.250	500.000	5.3
Aroclor-1016-5	5.228	5.132	5.332	538.810	500.000	7.8
Aroclor-1260-1	6.267	6.172	6.372	517.470	500.000	3.5
Aroclor-1260-2	6.456	6.360	6.560	505.510	500.000	1.1
Aroclor-1260-3	6.824	6.729	6.929	498.400	500.000	-0.3
Aroclor-1260-4	7.084	6.988	7.188	492.500	500.000	-1.5
Aroclor-1260-5	7.326	7.230	7.430	491.070	500.000	-1.8
Decachlorobiphenyl	8.726	8.632	8.832	45.010	50.000	-10.0
Tetrachloro-m-xylene	3.685	3.588	3.788	53.510	50.000	7.0

Raw Data: **PO110673.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL01 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110673.D **Time Analyzed:** 10:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.761	4.666	4.866	486.510	500.000	-2.7
Aroclor-1016-2	4.780	4.684	4.884	485.500	500.000	-2.9
Aroclor-1016-3	4.956	4.860	5.060	471.300	500.000	-5.7
Aroclor-1016-4	4.998	4.902	5.102	458.080	500.000	-8.4
Aroclor-1016-5	5.210	5.115	5.315	476.610	500.000	-4.7
Aroclor-1260-1	6.241	6.146	6.346	472.730	500.000	-5.5
Aroclor-1260-2	6.429	6.334	6.534	463.830	500.000	-7.2
Aroclor-1260-3	6.582	6.487	6.687	459.920	500.000	-8.0
Aroclor-1260-4	7.053	6.957	7.157	460.410	500.000	-7.9
Aroclor-1260-5	7.294	7.197	7.397	458.910	500.000	-8.2
Decachlorobiphenyl	8.678	8.584	8.784	43.960	50.000	-12.1
Tetrachloro-m-xylene	3.682	3.586	3.786	50.380	50.000	0.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110673.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 10:09
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:23:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.682	468.1E6	251.4E6	53.508	50.381
2)	SA Decachlor...	8.726	8.678	355.3E6	84625368	45.007	43.961
	Target Compounds						
3)	L1 AR-1016-1	4.775	4.761	173.3E6	85387148	528.272	486.510
4)	L1 AR-1016-2	4.794	4.780	238.7E6	122.1E6	524.581	485.503
5)	L1 AR-1016-3	4.850	4.956	166.5E6	63960166	516.254	471.297
6)	L1 AR-1016-4	4.970	4.998	131.1E6	52389318	526.245	458.077
7)	L1 AR-1016-5	5.228	5.210	144.9E6	71049887	538.806	476.609
31)	L7 AR-1260-1	6.267	6.241	244.5E6	116.3E6	517.474	472.725
32)	L7 AR-1260-2	6.456	6.429	296.4E6	135.3E6	505.509	463.833
33)	L7 AR-1260-3	6.824	6.582	245.6E6	124.6E6	498.398	459.916
34)	L7 AR-1260-4	7.084	7.053	209.0E6	92375812	492.502	460.406
35)	L7 AR-1260-5	7.326	7.294	512.4E6	210.6E6	491.070	458.911

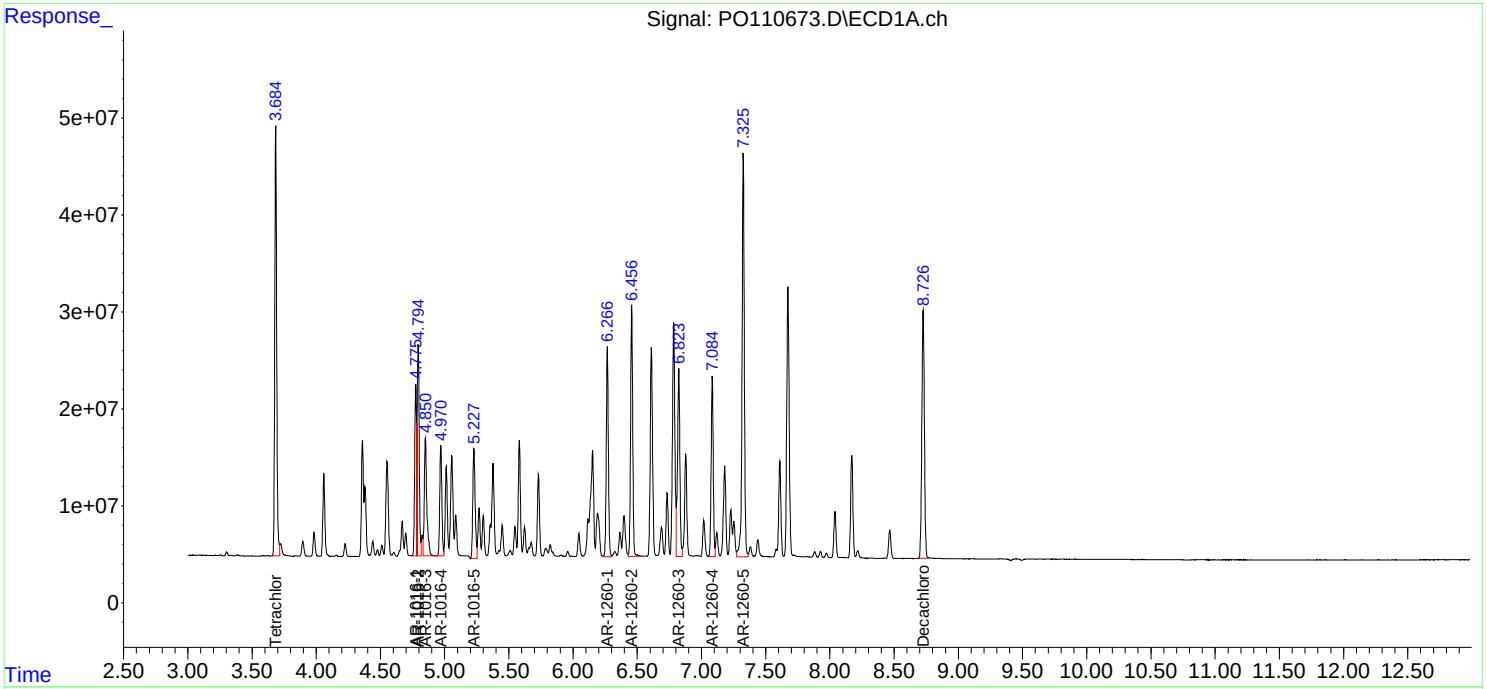
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

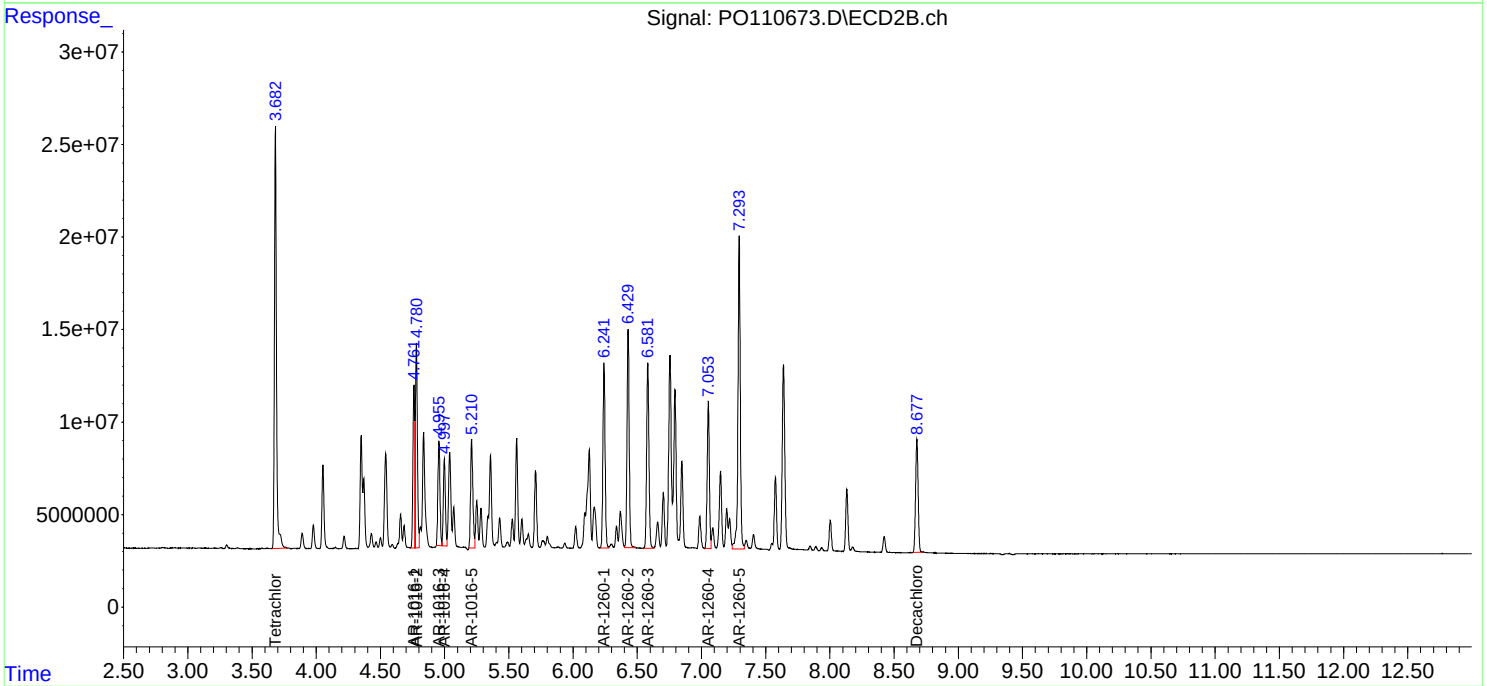
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110673.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 10:09
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

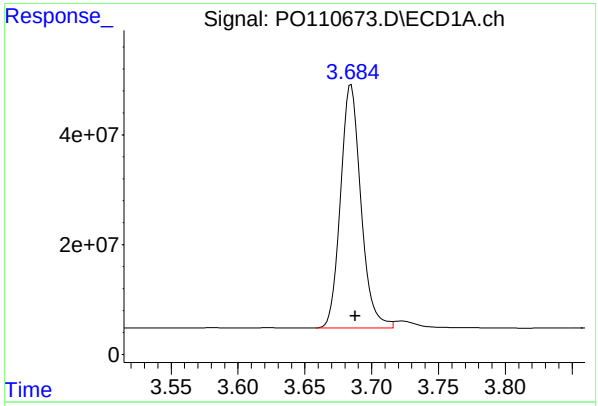
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:23:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



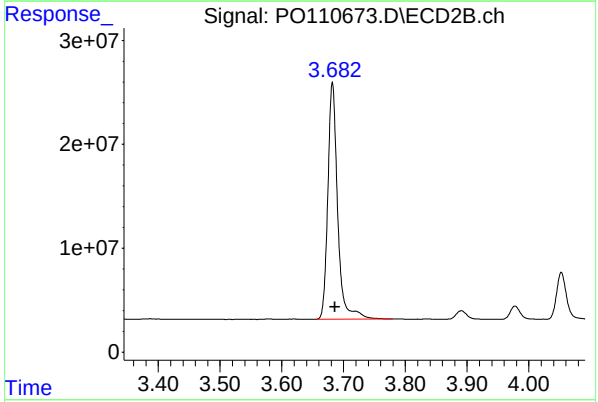




#1 Tetrachloro-m-xylene

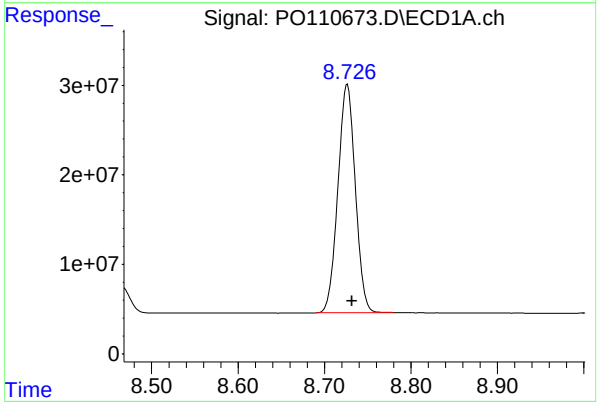
R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 468148406
Conc: 53.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



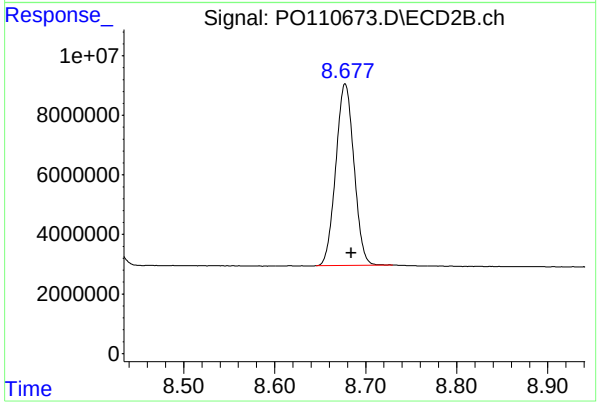
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 251389888
Conc: 50.38 ng/ml



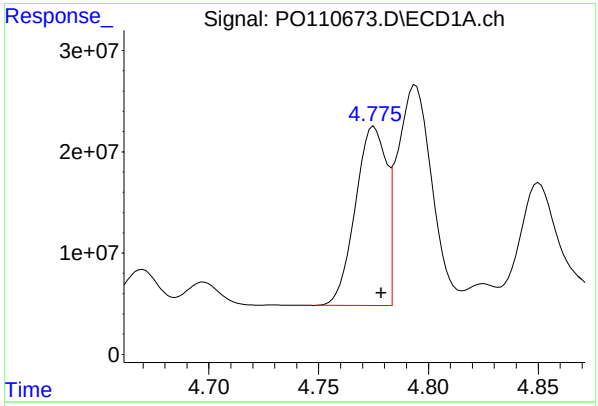
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.005 min
Response: 355330852
Conc: 45.01 ng/ml



#2 Decachlorobiphenyl

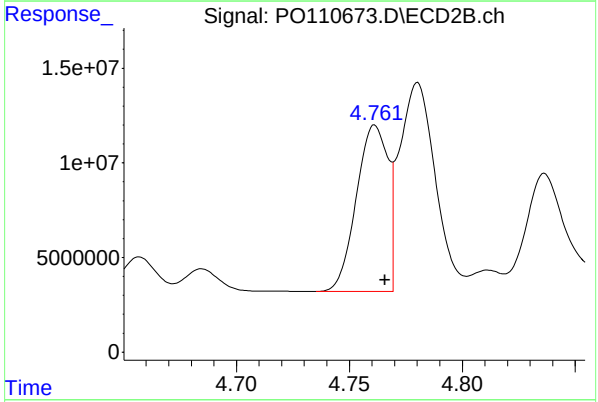
R.T.: 8.678 min
Delta R.T.: -0.007 min
Response: 84625368
Conc: 43.96 ng/ml



#3 AR-1016-1

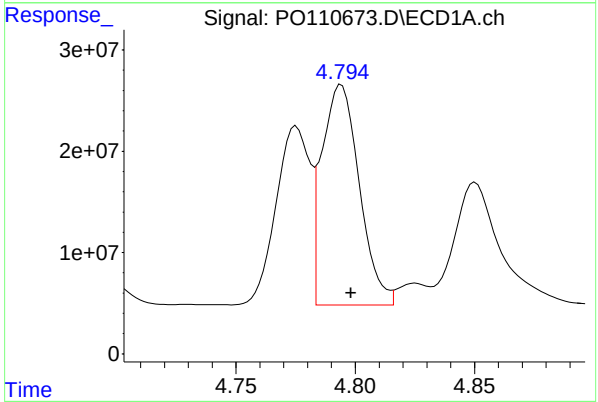
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 173349166
Conc: 528.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



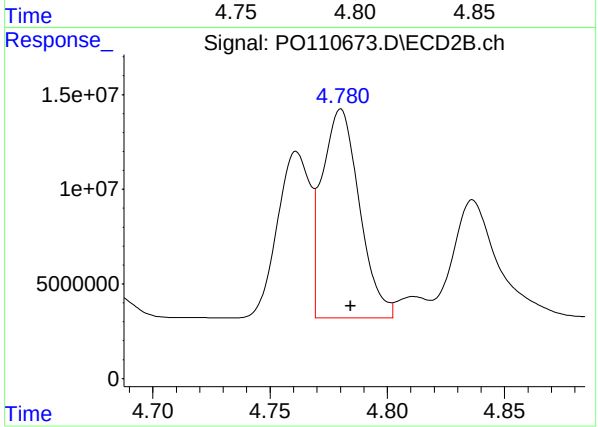
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 85387148
Conc: 486.51 ng/ml



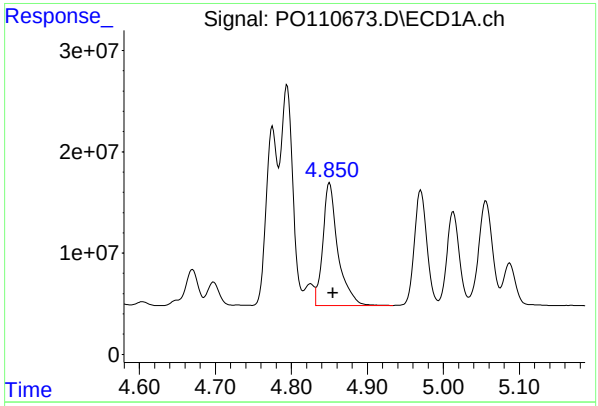
#4 AR-1016-2

R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 238657253
Conc: 524.58 ng/ml



#4 AR-1016-2

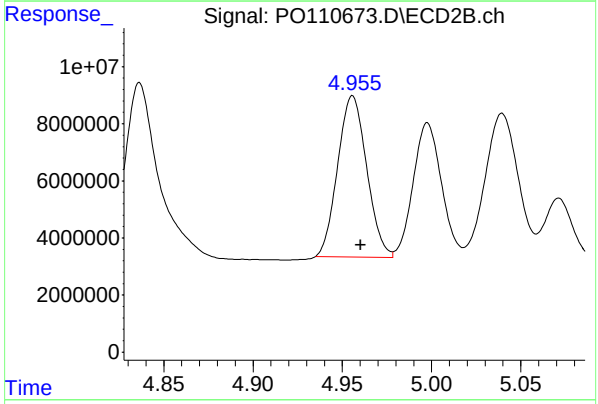
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 122087048
Conc: 485.50 ng/ml



#5 AR-1016-3

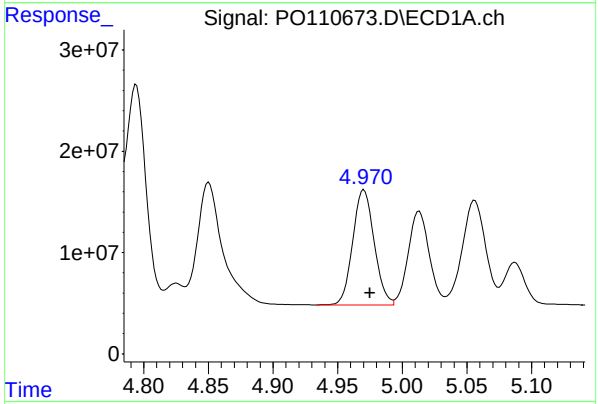
R.T.: 4.850 min
Delta R.T.: -0.004 min
Response: 166506192
Conc: 516.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



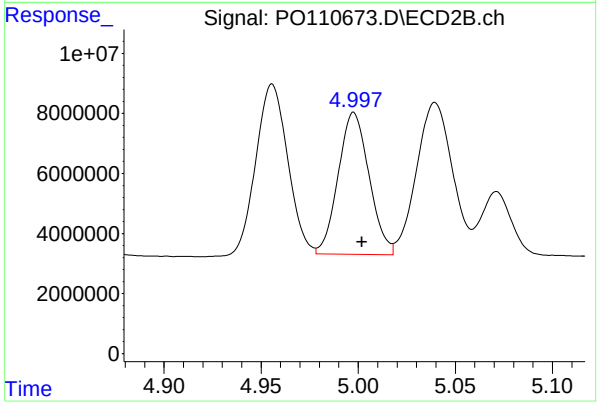
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 63960166
Conc: 471.30 ng/ml



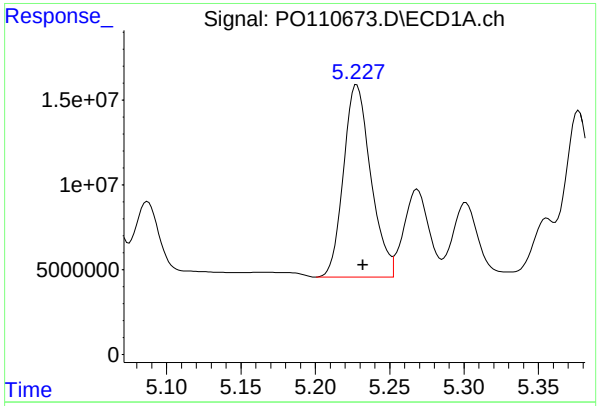
#6 AR-1016-4

R.T.: 4.970 min
Delta R.T.: -0.005 min
Response: 131121592
Conc: 526.25 ng/ml



#6 AR-1016-4

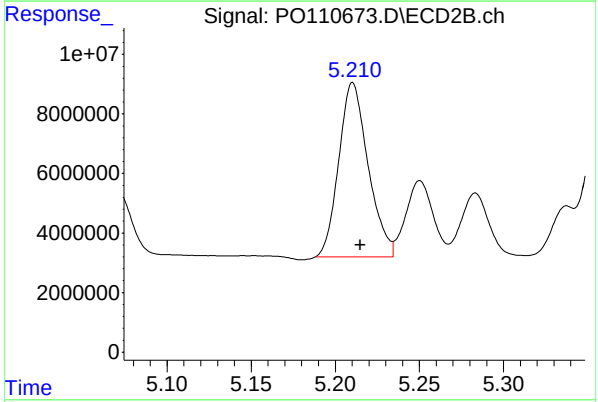
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 52389318
Conc: 458.08 ng/ml



#7 AR-1016-5

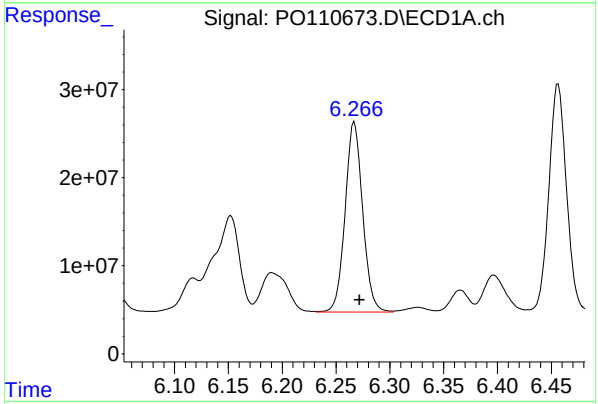
R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 144945205
Conc: 538.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



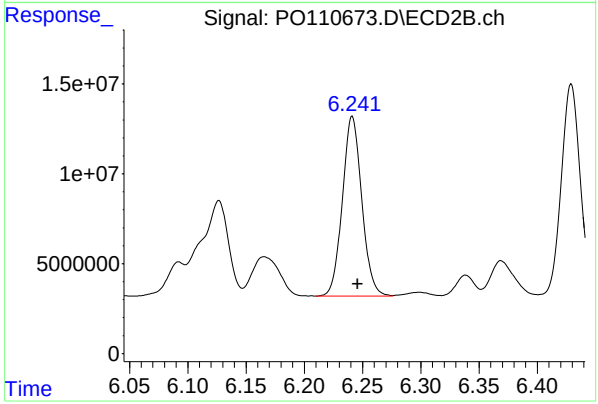
#7 AR-1016-5

R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 71049887
Conc: 476.61 ng/ml



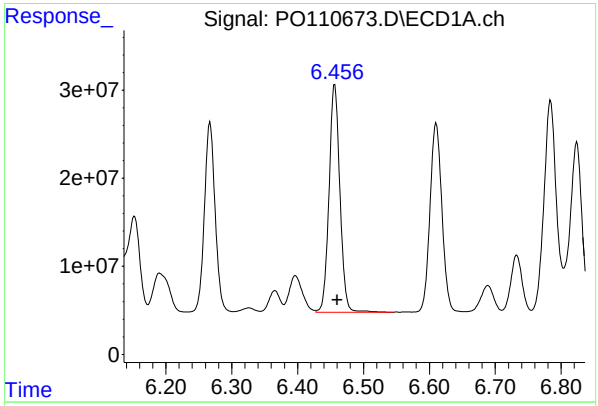
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: -0.005 min
Response: 244478322
Conc: 517.47 ng/ml



#31 AR-1260-1

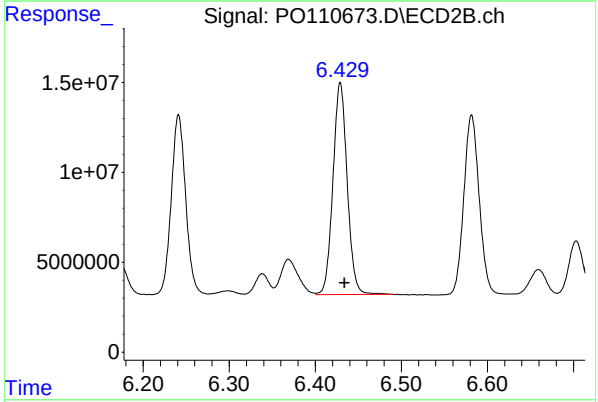
R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 116273131
Conc: 472.73 ng/ml



#32 AR-1260-2

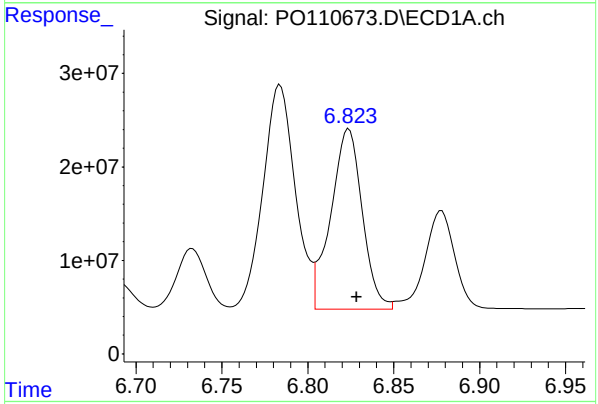
R.T.: 6.456 min
Delta R.T.: -0.004 min
Response: 296443039
Conc: 505.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



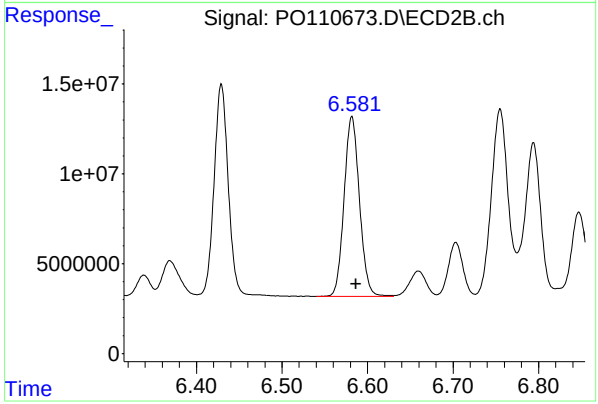
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 135323607
Conc: 463.83 ng/ml



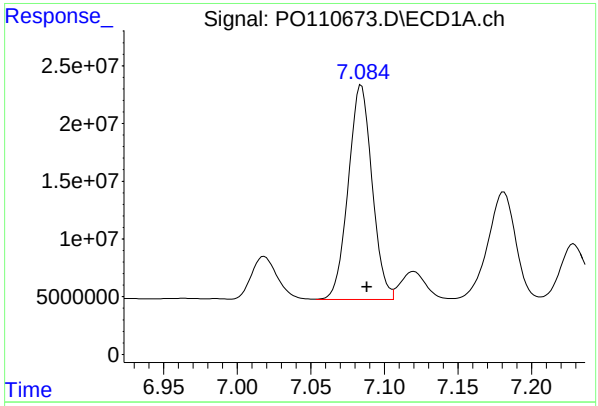
#33 AR-1260-3

R.T.: 6.824 min
Delta R.T.: -0.005 min
Response: 245646582
Conc: 498.40 ng/ml



#33 AR-1260-3

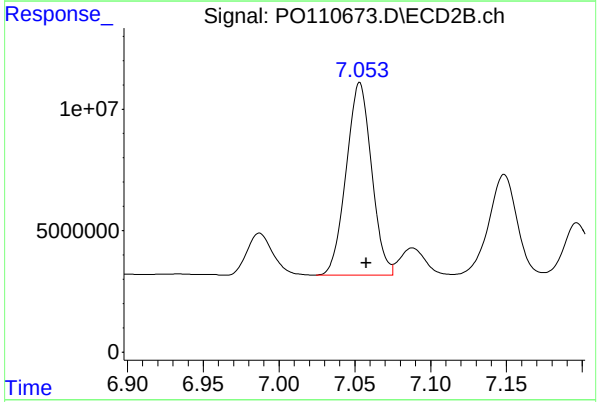
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 124583863
Conc: 459.92 ng/ml



#34 AR-1260-4

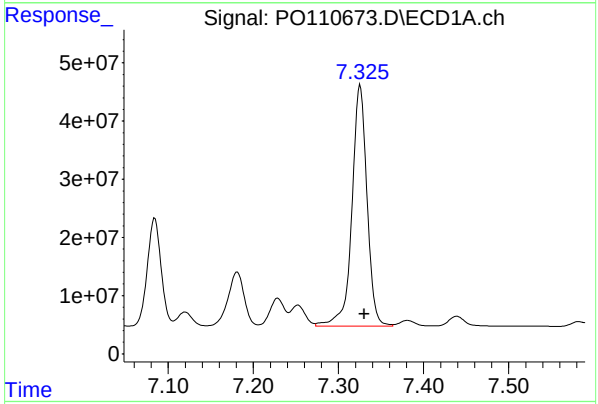
R.T.: 7.084 min
Delta R.T.: -0.004 min
Response: 209029239
Conc: 492.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



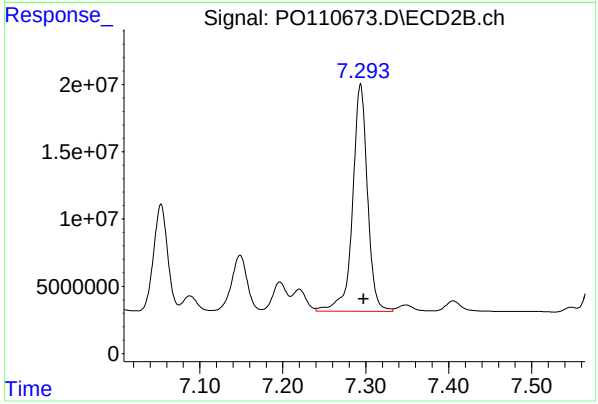
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 92375812
Conc: 460.41 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 512417462
Conc: 491.07 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 210574901
Conc: 458.91 ng/ml

Raw Data: **PO110688.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 17:22 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110688.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 17:22 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Raw Data: **PO110688.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110688.D **Time Analyzed:** 17:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	527.140	500.000	5.4
Aroclor-1016-2	4.795	4.698	4.898	534.060	500.000	6.8
Aroclor-1016-3	4.852	4.755	4.955	515.500	500.000	3.1
Aroclor-1016-4	4.972	4.875	5.075	528.050	500.000	5.6
Aroclor-1016-5	5.229	5.132	5.332	557.750	500.000	11.6
Aroclor-1260-1	6.268	6.172	6.372	505.840	500.000	1.2
Aroclor-1260-2	6.457	6.360	6.560	484.770	500.000	-3.0
Aroclor-1260-3	6.825	6.729	6.929	490.280	500.000	-1.9
Aroclor-1260-4	7.086	6.988	7.188	483.790	500.000	-3.2
Aroclor-1260-5	7.327	7.230	7.430	485.640	500.000	-2.9
Decachlorobiphenyl	8.728	8.632	8.832	42.720	50.000	-14.6
Tetrachloro-m-xylene	3.687	3.588	3.788	52.990	50.000	6.0

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL02 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110688.D **Time Analyzed:** 17:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.763	4.666	4.866	496.730	500.000	-0.7
Aroclor-1016-2	4.782	4.684	4.884	497.570	500.000	-0.5
Aroclor-1016-3	4.957	4.860	5.060	487.620	500.000	-2.5
Aroclor-1016-4	5.000	4.902	5.102	457.790	500.000	-8.4
Aroclor-1016-5	5.212	5.115	5.315	503.600	500.000	0.7
Aroclor-1260-1	6.244	6.146	6.346	476.820	500.000	-4.6
Aroclor-1260-2	6.431	6.334	6.534	465.690	500.000	-6.9
Aroclor-1260-3	6.583	6.487	6.687	458.890	500.000	-8.2
Aroclor-1260-4	7.054	6.957	7.157	449.330	500.000	-10.1
Aroclor-1260-5	7.296	7.197	7.397	452.820	500.000	-9.4
Decachlorobiphenyl	8.681	8.584	8.784	43.660	50.000	-12.7
Tetrachloro-m-xylene	3.684	3.586	3.786	50.850	50.000	1.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 17:22
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:27:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.687	3.684	463.6E6	253.7E6	52.992	50.851
2) SA	Decachlor...	8.728	8.681	337.2E6	84048725	42.716	43.662
	Target Compounds						
3) L1	AR-1016-1	4.776	4.763	173.0E6	87180900	527.141	496.730
4) L1	AR-1016-2	4.795	4.782	243.0E6	125.1E6	534.055	497.572
5) L1	AR-1016-3	4.852	4.957	166.3E6	66175357	515.498	487.620
6) L1	AR-1016-4	4.972	5.000	131.6E6	52356350	528.054	457.789
7) L1	AR-1016-5	5.229	5.212	150.0E6	75074152	557.750	503.604
31) L7	AR-1260-1	6.268	6.244	239.0E6	117.3E6	505.840	476.819
32) L7	AR-1260-2	6.457	6.431	284.3E6	135.9E6	484.767	465.694
33) L7	AR-1260-3	6.825	6.583	241.6E6	124.3E6	490.278	458.890
34) L7	AR-1260-4	7.086	7.054	205.3E6	90153141	483.790	449.328
35) L7	AR-1260-5	7.327	7.296	506.8E6	207.8E6	485.642	452.819

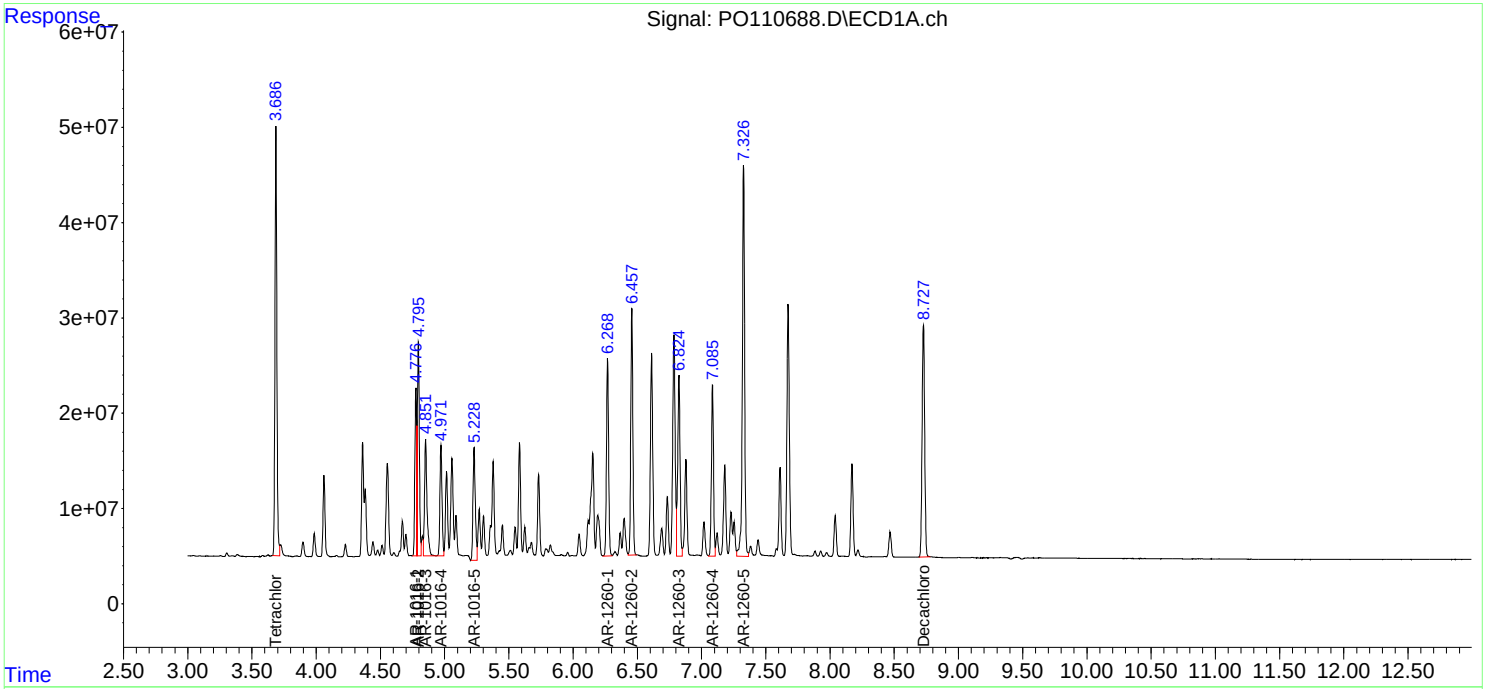
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

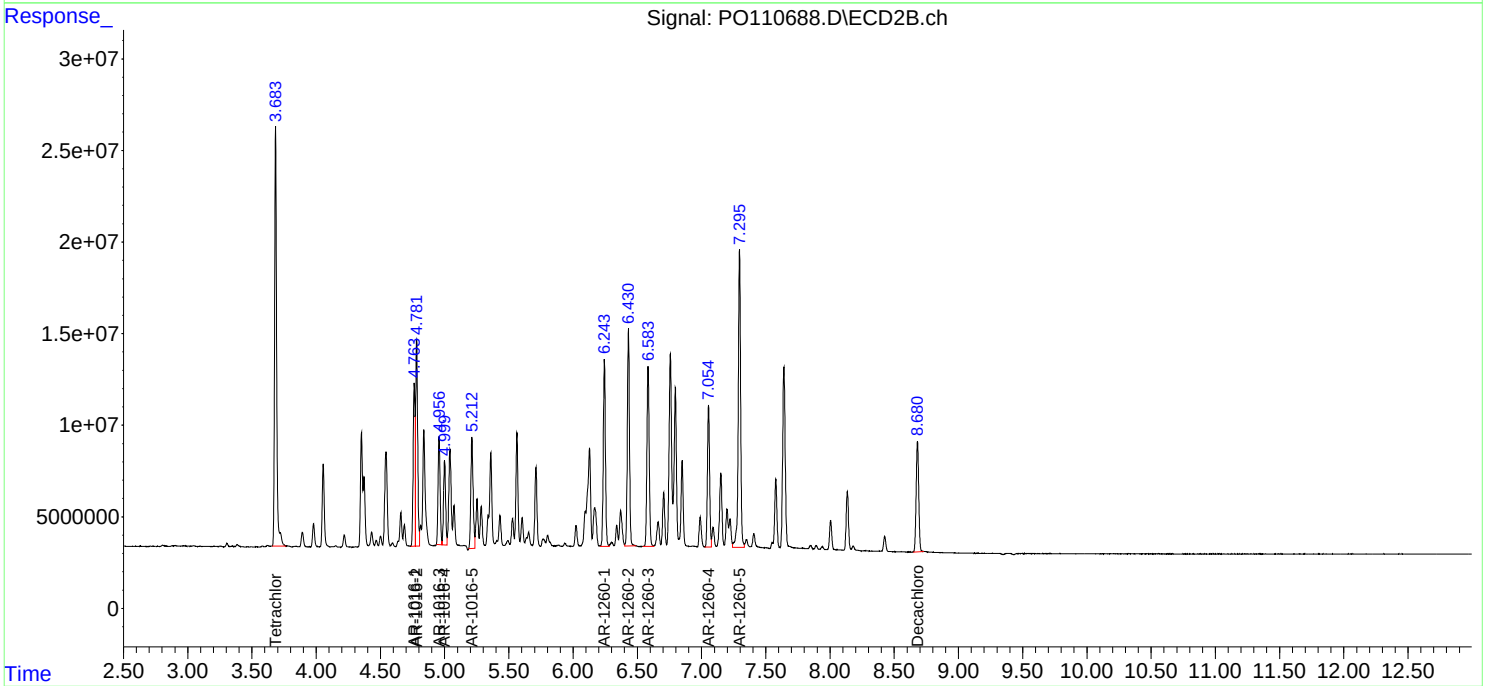
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 17:22
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

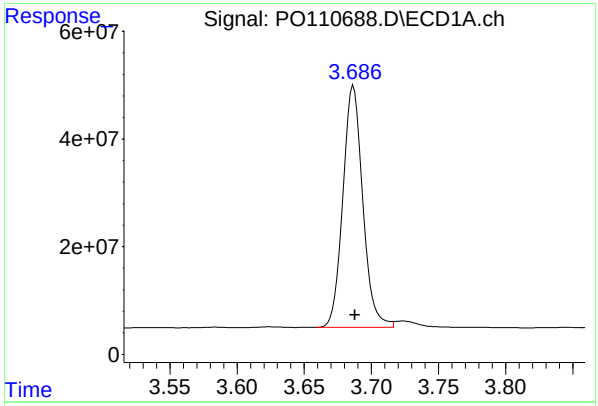
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:27:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



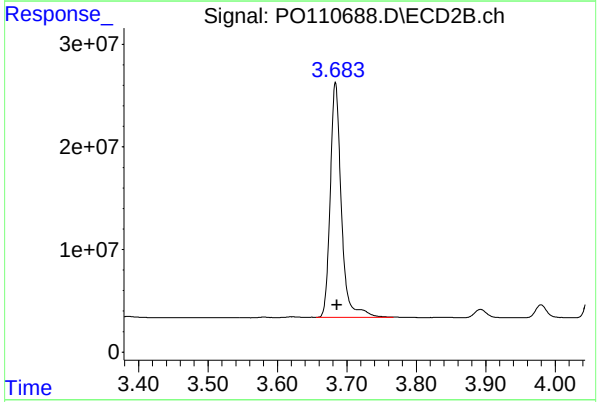




#1 Tetrachloro-m-xylene

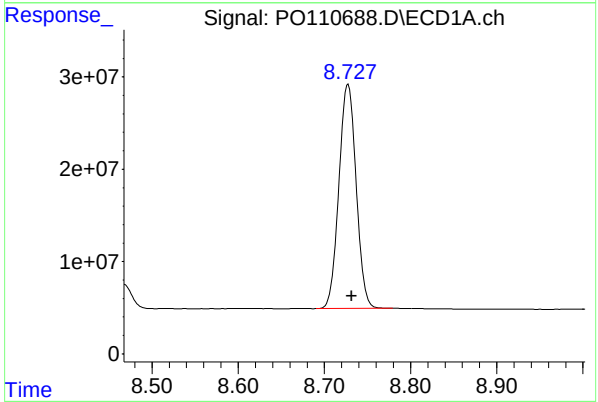
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 463629112
Conc: 52.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



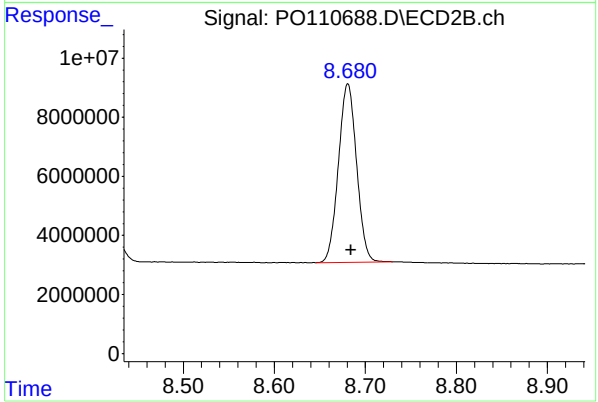
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 253734097
Conc: 50.85 ng/ml



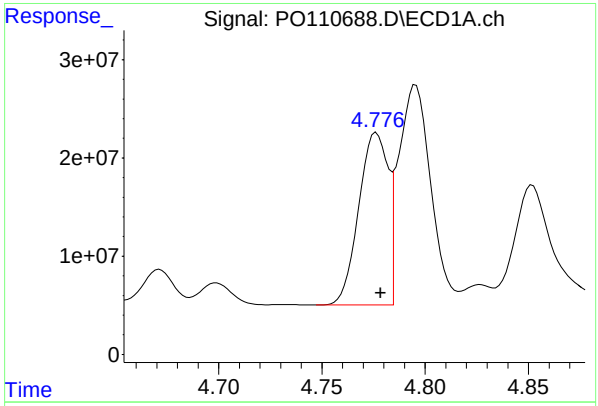
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.004 min
Response: 337242816
Conc: 42.72 ng/ml



#2 Decachlorobiphenyl

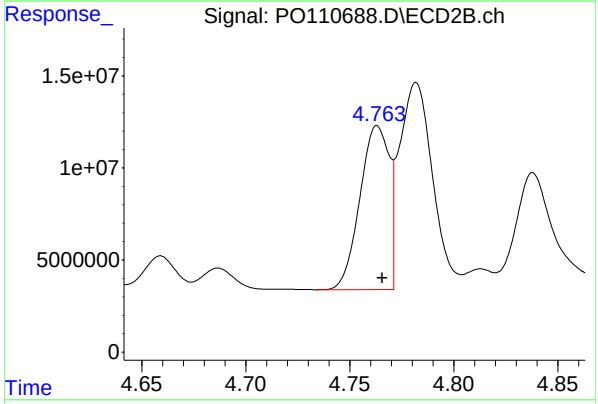
R.T.: 8.681 min
Delta R.T.: -0.003 min
Response: 84048725
Conc: 43.66 ng/ml



#3 AR-1016-1

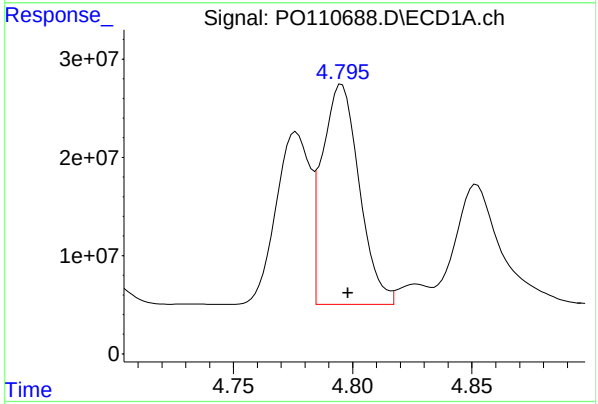
R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 172977808
Conc: 527.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



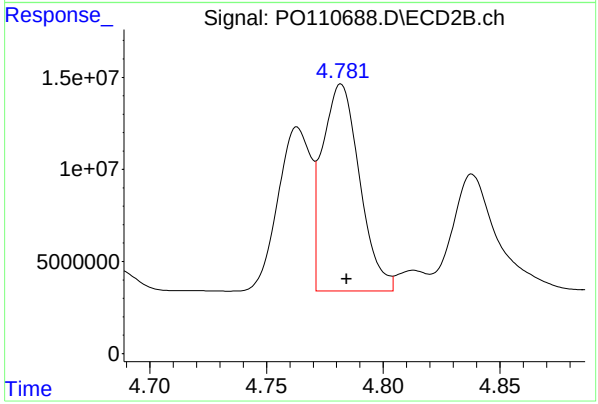
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 87180900
Conc: 496.73 ng/ml



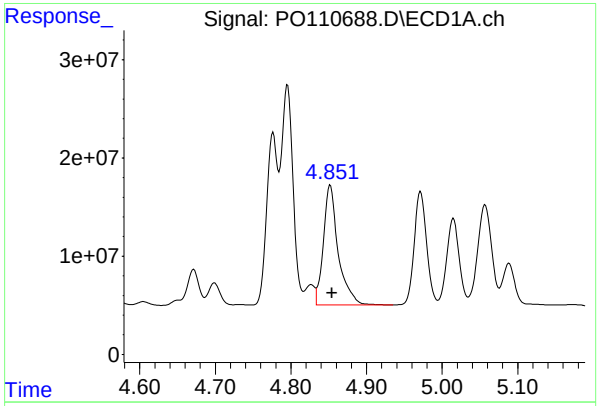
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 242967619
Conc: 534.06 ng/ml



#4 AR-1016-2

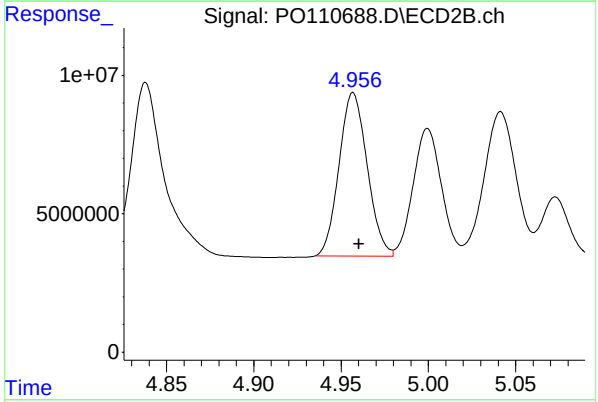
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 125121883
Conc: 497.57 ng/ml



#5 AR-1016-3

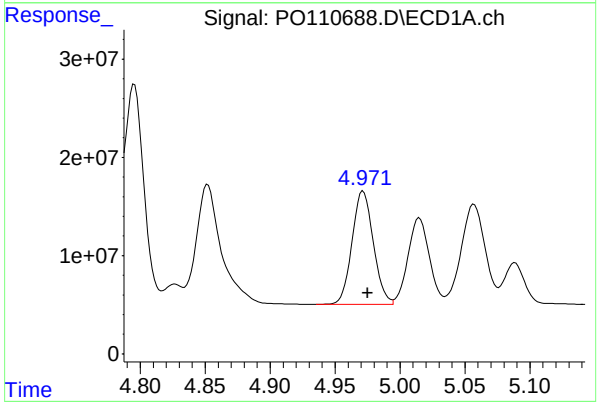
R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 166262455
Conc: 515.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



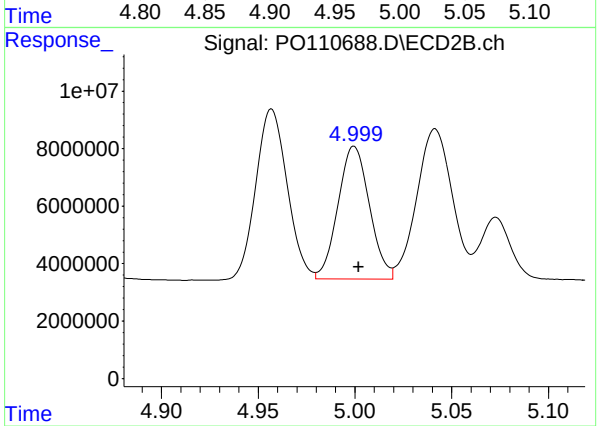
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 66175357
Conc: 487.62 ng/ml



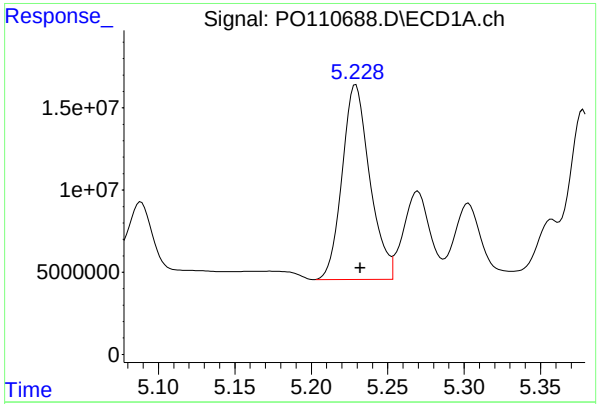
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 131572365
Conc: 528.05 ng/ml



#6 AR-1016-4

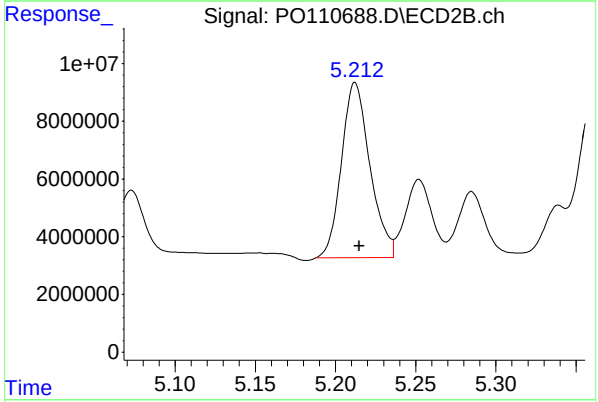
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 52356350
Conc: 457.79 ng/ml



#7 AR-1016-5

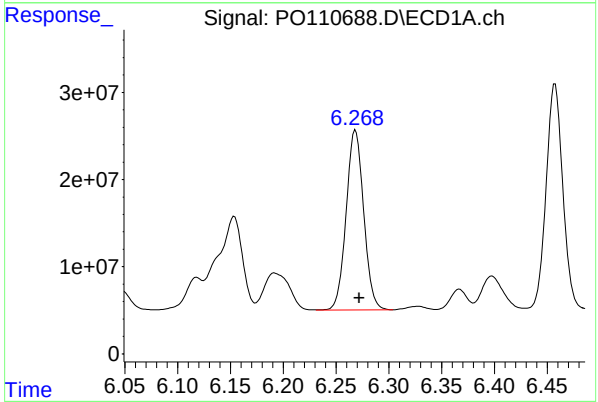
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 150041268
Conc: 557.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



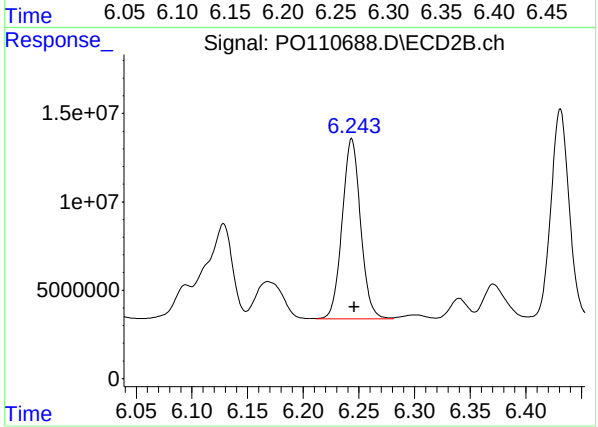
#7 AR-1016-5

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 75074152
Conc: 503.60 ng/ml



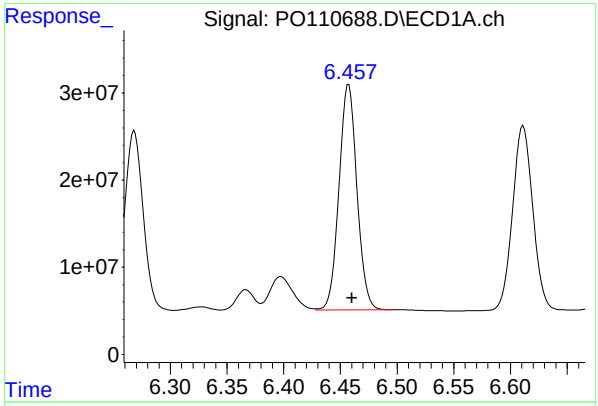
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 238981511
Conc: 505.84 ng/ml



#31 AR-1260-1

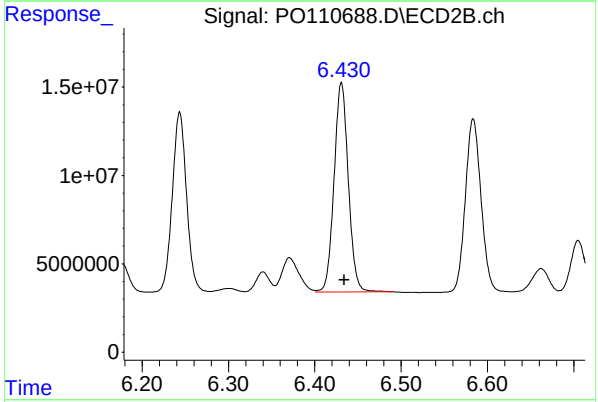
R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 117280102
Conc: 476.82 ng/ml



#32 AR-1260-2

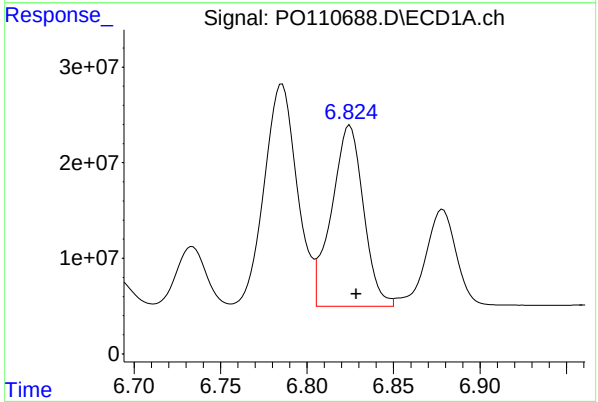
R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 284279006
Conc: 484.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



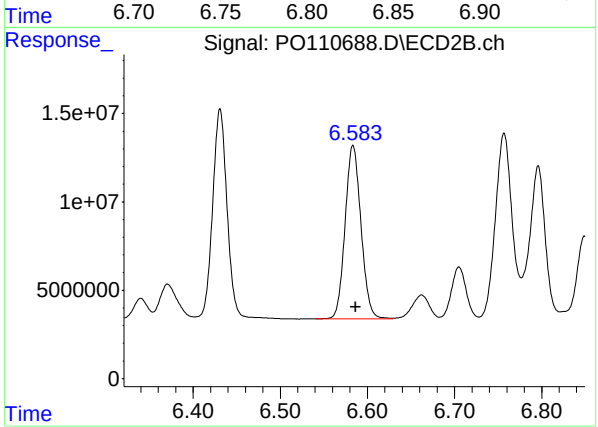
#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 135866677
Conc: 465.69 ng/ml



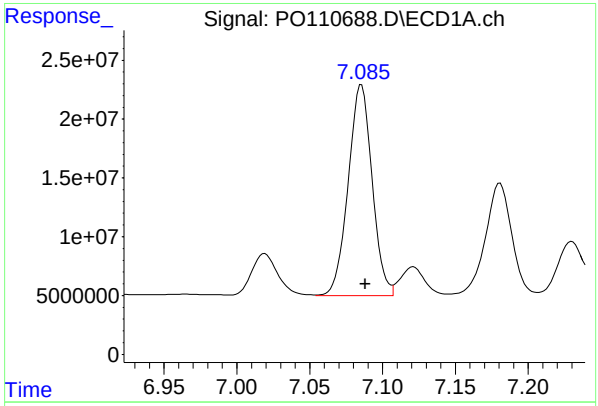
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 241644552
Conc: 490.28 ng/ml



#33 AR-1260-3

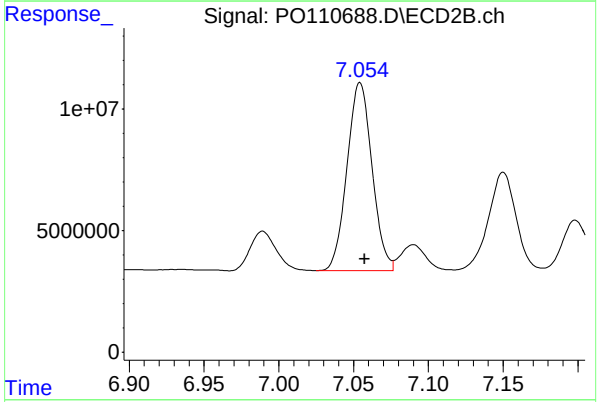
R.T.: 6.583 min
Delta R.T.: -0.003 min
Response: 124305951
Conc: 458.89 ng/ml



#34 AR-1260-4

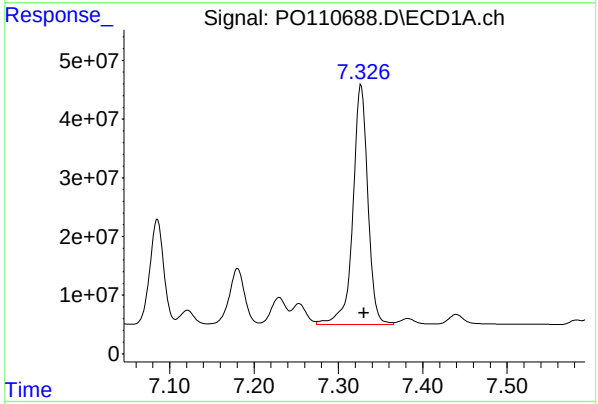
R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 205331816
Conc: 483.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



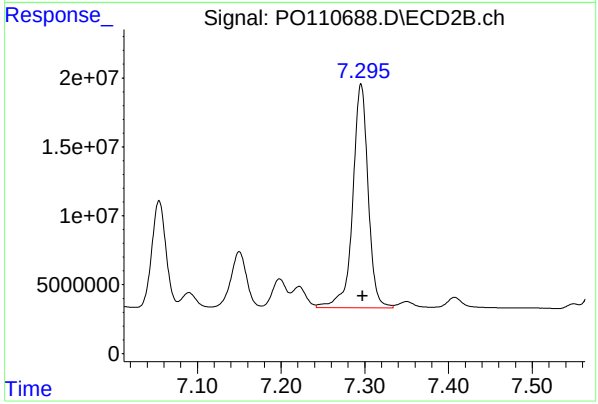
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 90153141
Conc: 449.33 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 506753718
Conc: 485.64 ng/ml



#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 207779256
Conc: 452.82 ng/ml

Raw Data: **PO110703.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 23:35 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110703.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 23:35 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110703.D **Time Analyzed:** 23:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.777	4.679	4.879	533.100	500.000	6.6
Aroclor-1016-2	4.796	4.698	4.898	537.560	500.000	7.5
Aroclor-1016-3	4.852	4.755	4.955	524.530	500.000	4.9
Aroclor-1016-4	4.972	4.875	5.075	533.240	500.000	6.6
Aroclor-1016-5	5.230	5.132	5.332	570.520	500.000	14.1
Aroclor-1260-1	6.269	6.172	6.372	537.990	500.000	7.6
Aroclor-1260-2	6.458	6.360	6.560	516.960	500.000	3.4
Aroclor-1260-3	6.825	6.729	6.929	512.420	500.000	2.5
Aroclor-1260-4	7.085	6.988	7.188	501.680	500.000	0.3
Aroclor-1260-5	7.327	7.230	7.430	500.140	500.000	0.0
Decachlorobiphenyl	8.728	8.632	8.832	45.370	50.000	-9.3
Tetrachloro-m-xylene	3.687	3.588	3.788	53.550	50.000	7.1

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL03 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110703.D **Time Analyzed:** 23:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.763	4.666	4.866	501.920	500.000	0.4
Aroclor-1016-2	4.782	4.684	4.884	499.310	500.000	-0.1
Aroclor-1016-3	4.957	4.860	5.060	492.420	500.000	-1.5
Aroclor-1016-4	4.999	4.902	5.102	452.970	500.000	-9.4
Aroclor-1016-5	5.212	5.115	5.315	513.740	500.000	2.7
Aroclor-1260-1	6.243	6.146	6.346	490.050	500.000	-2.0
Aroclor-1260-2	6.430	6.334	6.534	479.640	500.000	-4.1
Aroclor-1260-3	6.583	6.487	6.687	475.250	500.000	-5.0
Aroclor-1260-4	7.054	6.957	7.157	472.900	500.000	-5.4
Aroclor-1260-5	7.295	7.197	7.397	476.250	500.000	-4.8
Decachlorobiphenyl	8.680	8.584	8.784	46.300	50.000	-7.4
Tetrachloro-m-xylene	3.683	3.586	3.786	51.560	50.000	3.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 23:35
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:31:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.683	468.6E6	257.3E6	53.555	51.559
2)	SA Decachlor...	8.728	8.680	358.2E6	89119095	45.366	46.296
	Target Compounds						
3)	L1 AR-1016-1	4.777	4.763	174.9E6	88091389	533.100	501.918
4)	L1 AR-1016-2	4.796	4.782	244.6E6	125.6E6	537.559	499.306
5)	L1 AR-1016-3	4.852	4.957	169.2E6	66826655	524.532	492.419
6)	L1 AR-1016-4	4.972	4.999	132.9E6	51805469	533.241	452.972
7)	L1 AR-1016-5	5.230	5.212	153.5E6	76585509	570.516	513.742
31)	L7 AR-1260-1	6.269	6.243	254.2E6	120.5E6	537.986	490.051
32)	L7 AR-1260-2	6.458	6.430	303.2E6	139.9E6	516.962	479.642
33)	L7 AR-1260-3	6.825	6.583	252.6E6	128.7E6	512.423	475.247
34)	L7 AR-1260-4	7.085	7.054	212.9E6	94883323	501.677	472.903
35)	L7 AR-1260-5	7.327	7.295	521.9E6	218.5E6	500.141	476.252

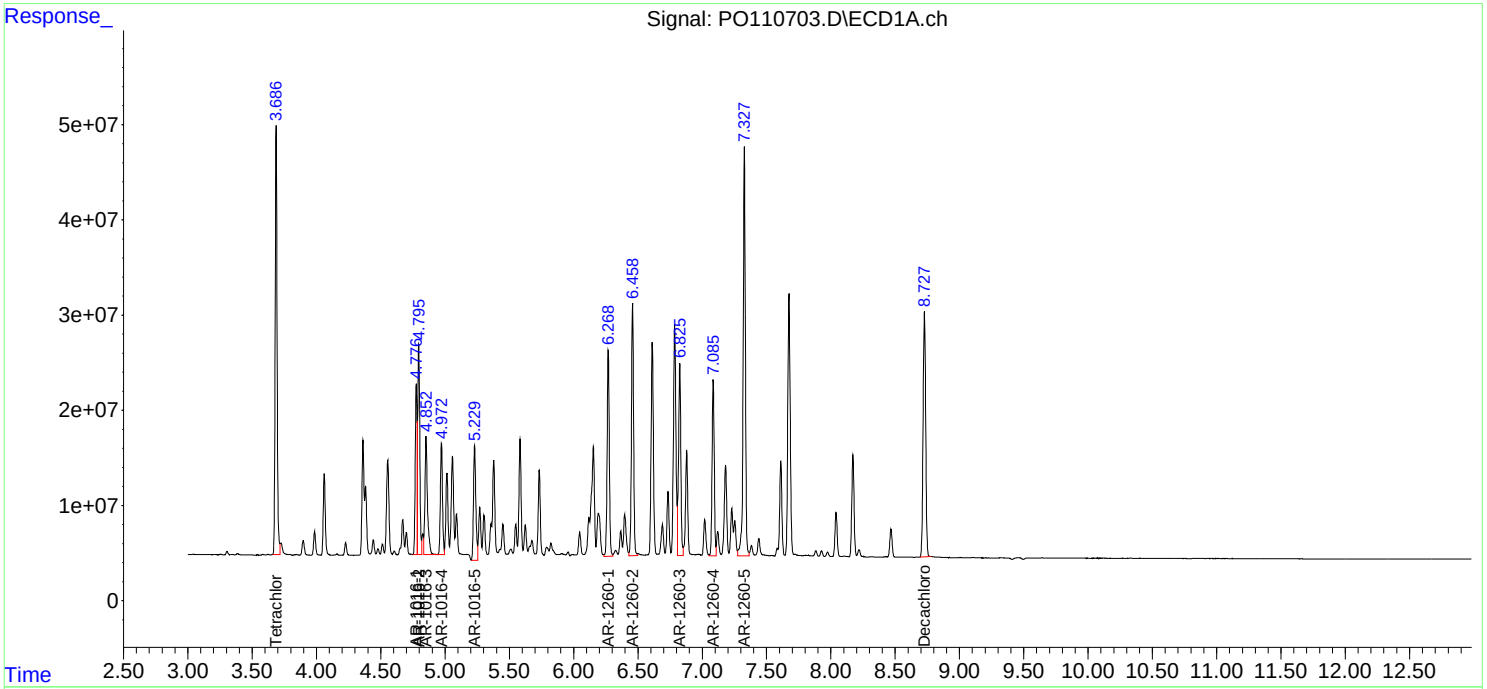
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

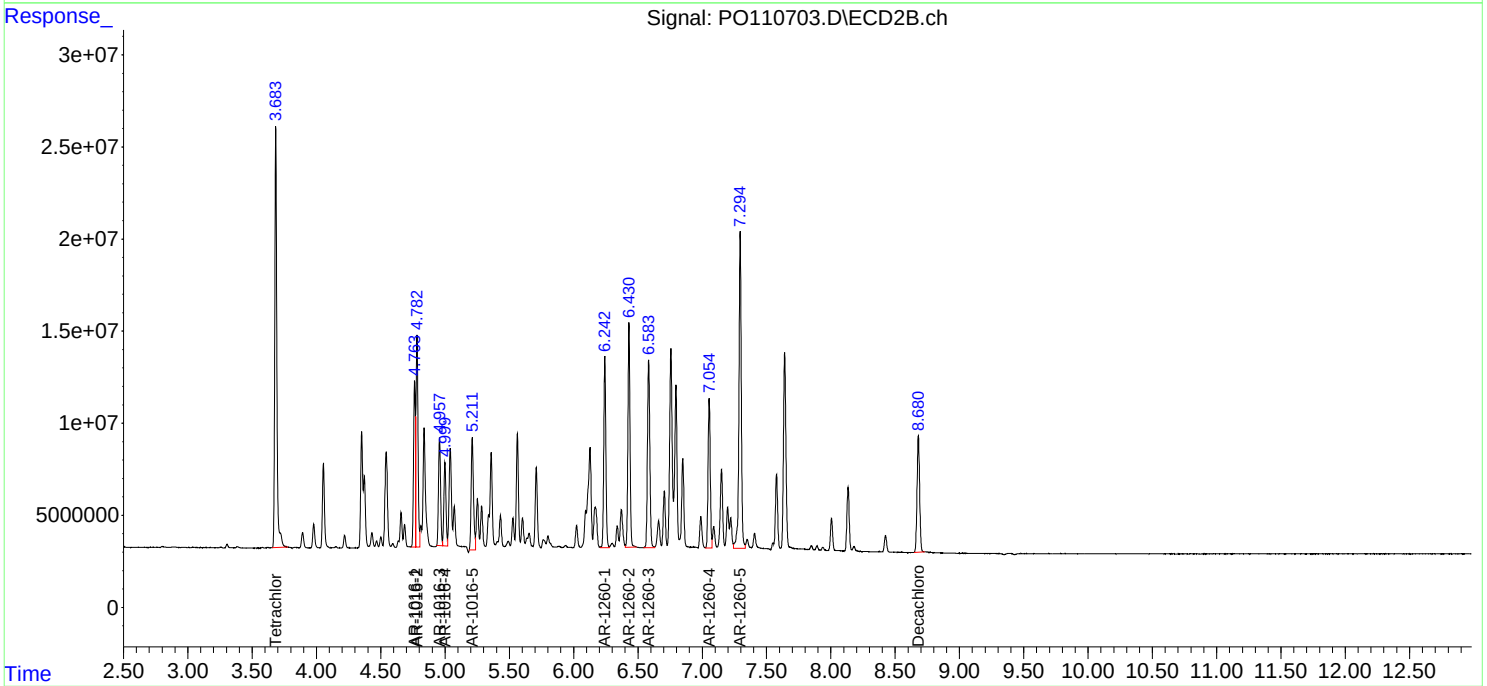
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 23:35
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

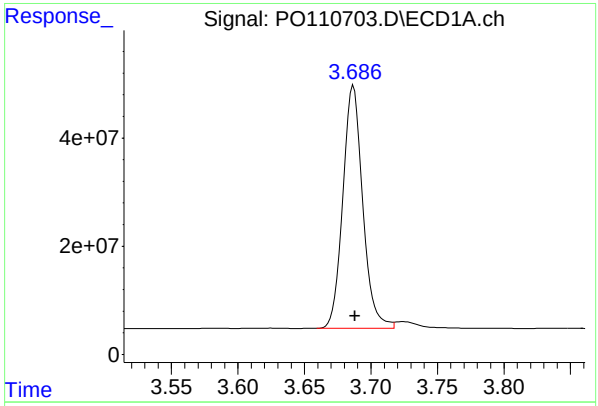
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:31:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



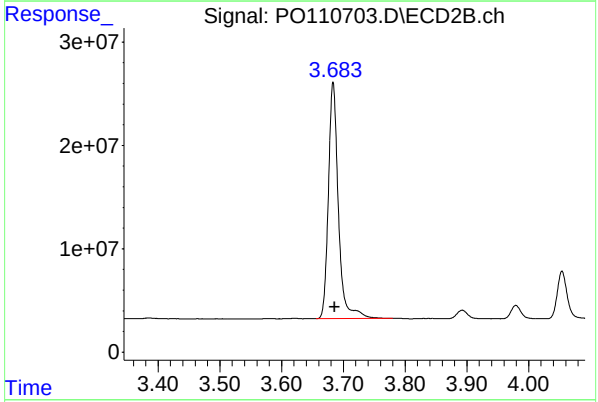




#1 Tetrachloro-m-xylene

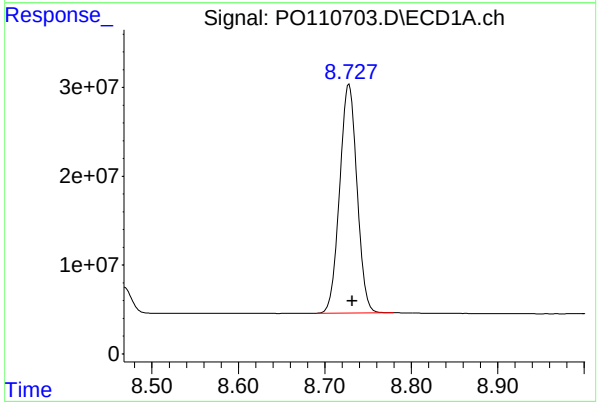
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 468553537
Conc: 53.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



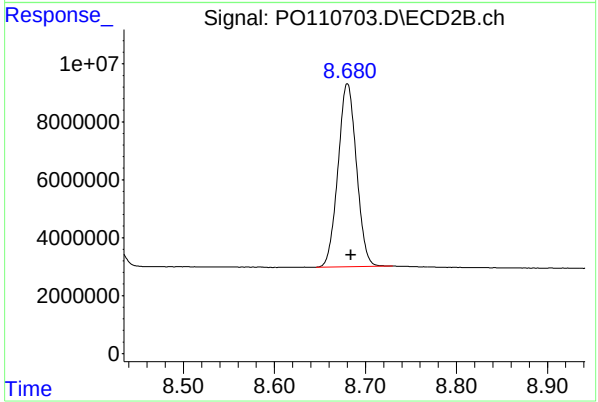
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 257270012
Conc: 51.56 ng/ml



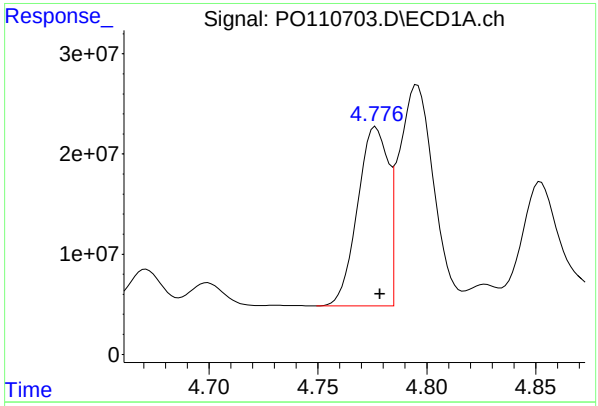
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.004 min
Response: 358166078
Conc: 45.37 ng/ml



#2 Decachlorobiphenyl

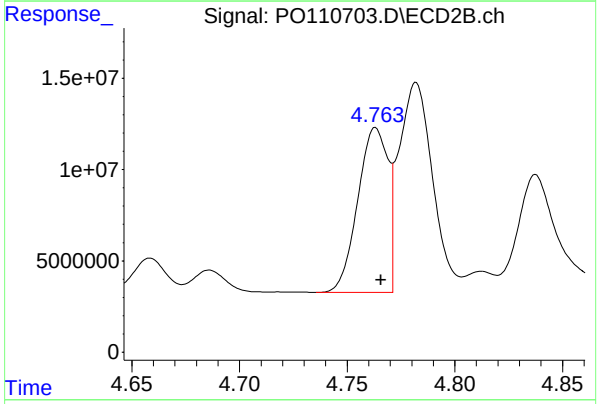
R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 89119095
Conc: 46.30 ng/ml



#3 AR-1016-1

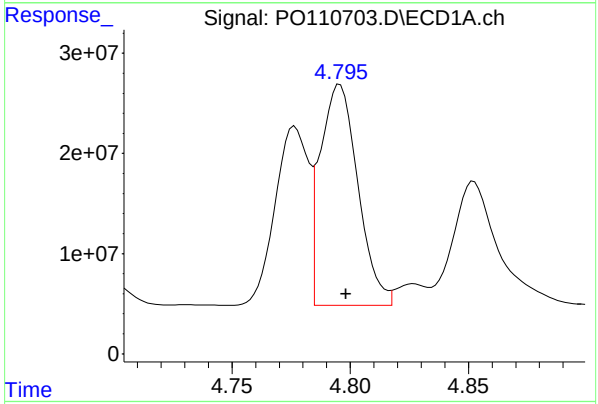
R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 174933391
Conc: 533.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



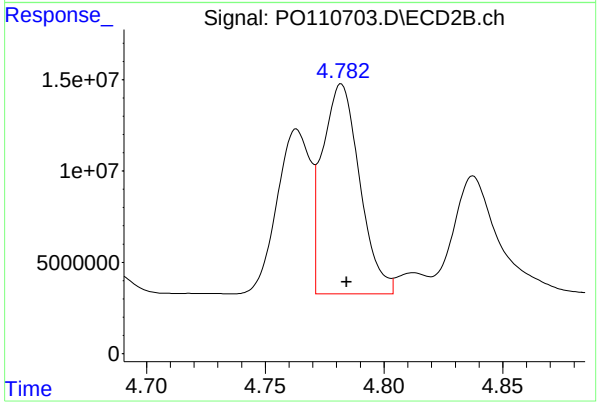
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 88091389
Conc: 501.92 ng/ml



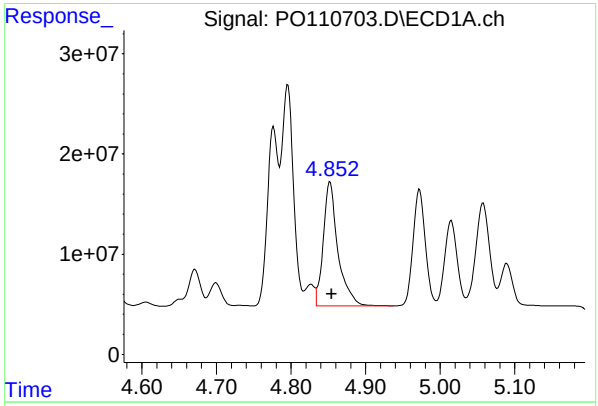
#4 AR-1016-2

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 244561664
Conc: 537.56 ng/ml



#4 AR-1016-2

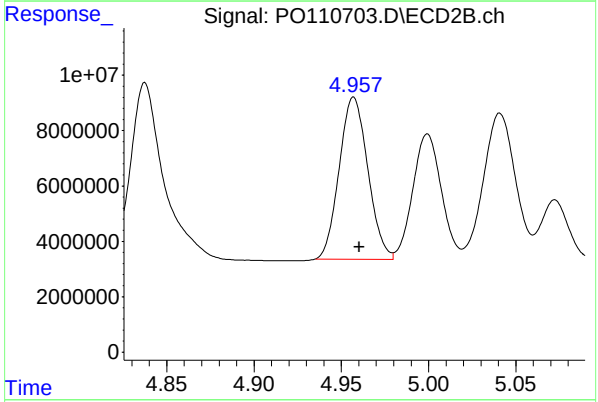
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 125557879
Conc: 499.31 ng/ml



#5 AR-1016-3

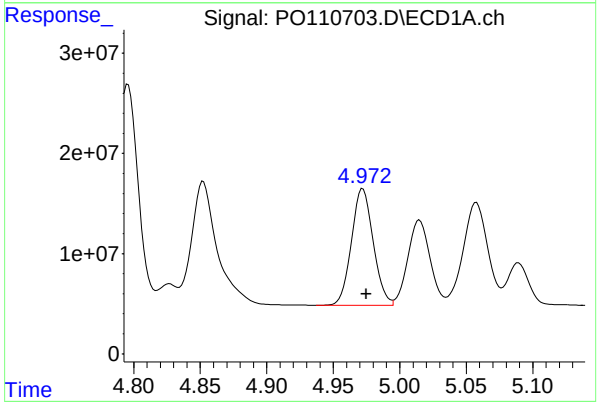
R.T.: 4.852 min
Delta R.T.: -0.002 min
Response: 169176055
Conc: 524.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



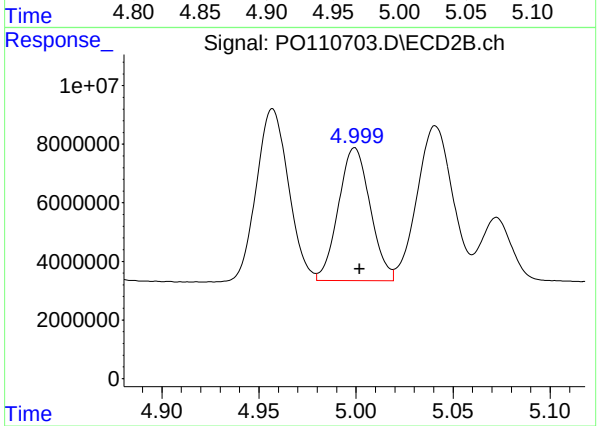
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 66826655
Conc: 492.42 ng/ml



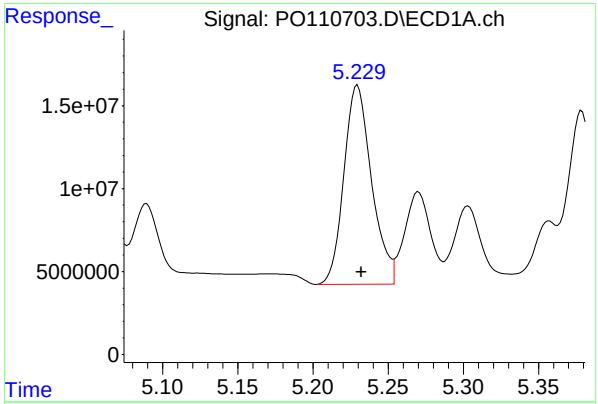
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 132864788
Conc: 533.24 ng/ml



#6 AR-1016-4

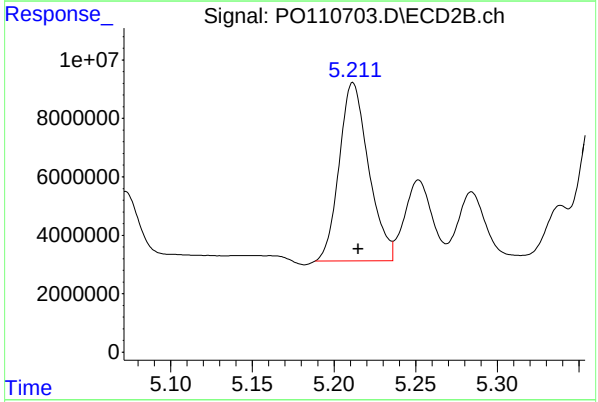
R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 51805469
Conc: 452.97 ng/ml



#7 AR-1016-5

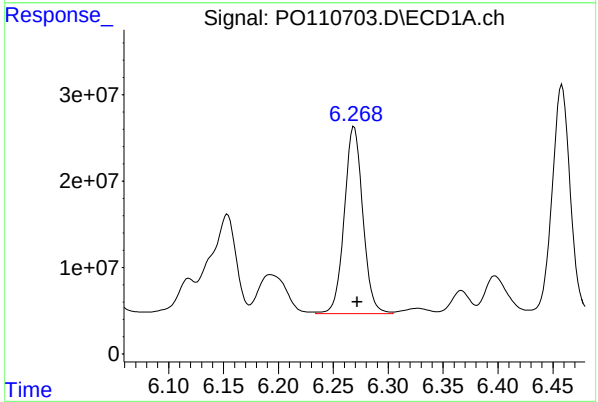
R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 153475562
Conc: 570.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



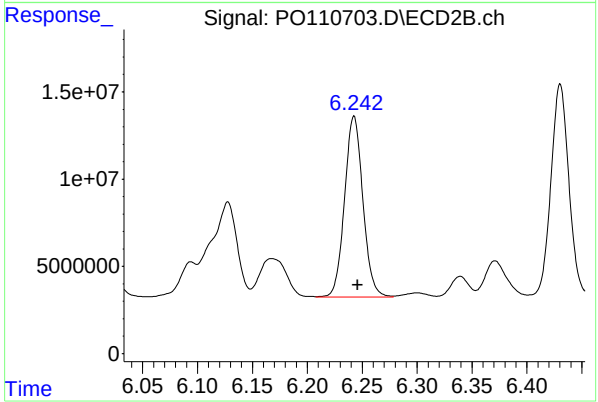
#7 AR-1016-5

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 76585509
Conc: 513.74 ng/ml



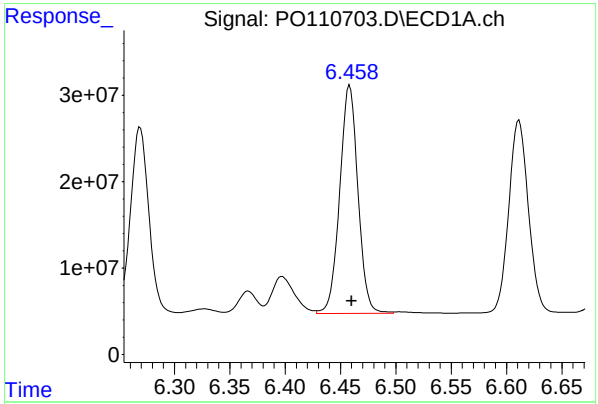
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 254168868
Conc: 537.99 ng/ml



#31 AR-1260-1

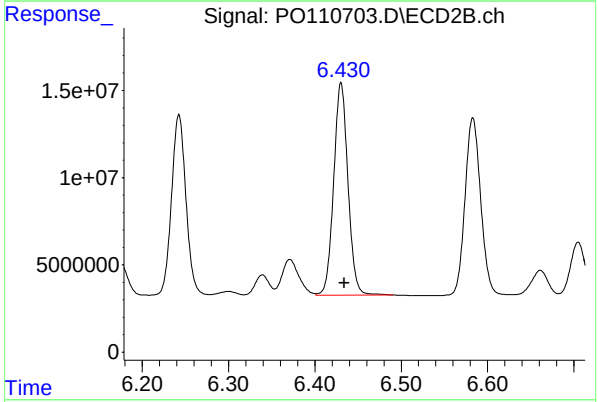
R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 120534676
Conc: 490.05 ng/ml



#32 AR-1260-2

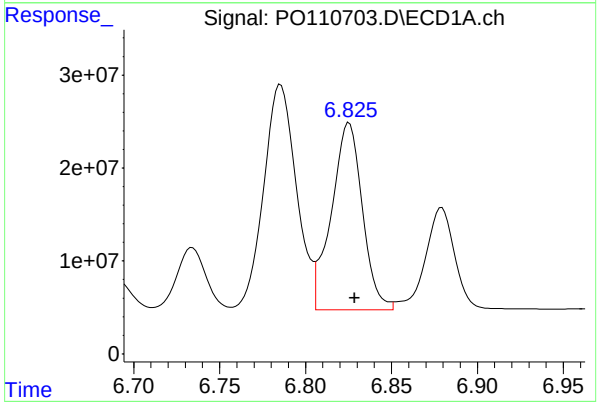
R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 303158836
Conc: 516.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



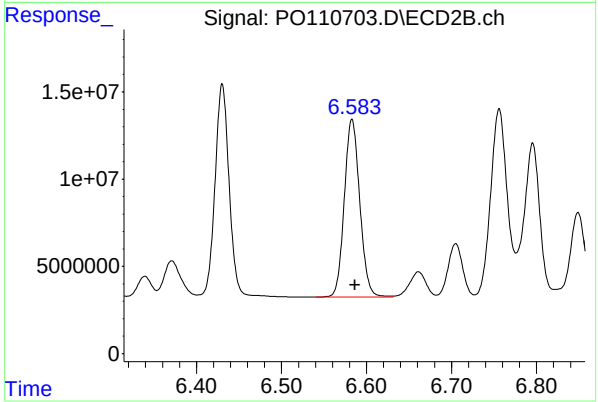
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 139935802
Conc: 479.64 ng/ml



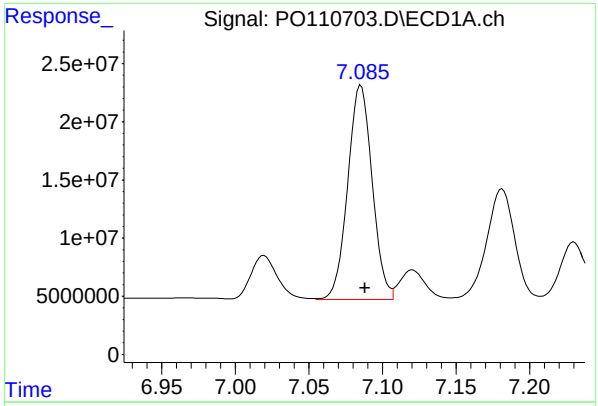
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.003 min
Response: 252559281
Conc: 512.42 ng/ml



#33 AR-1260-3

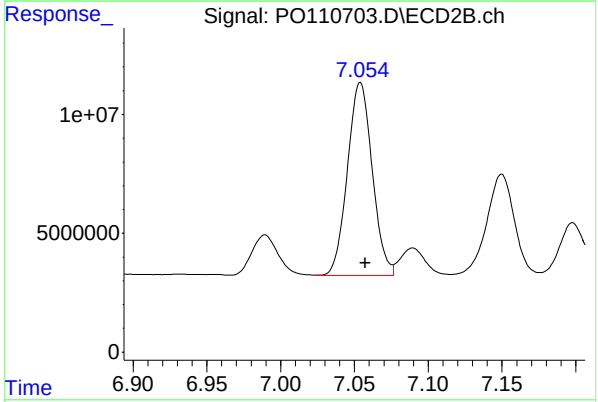
R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 128736740
Conc: 475.25 ng/ml



#34 AR-1260-4

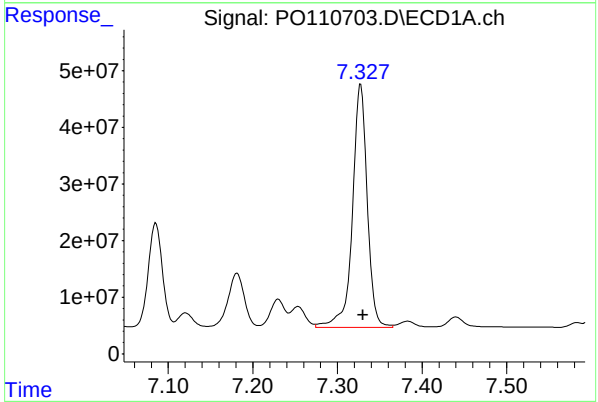
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 212923071
Conc: 501.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



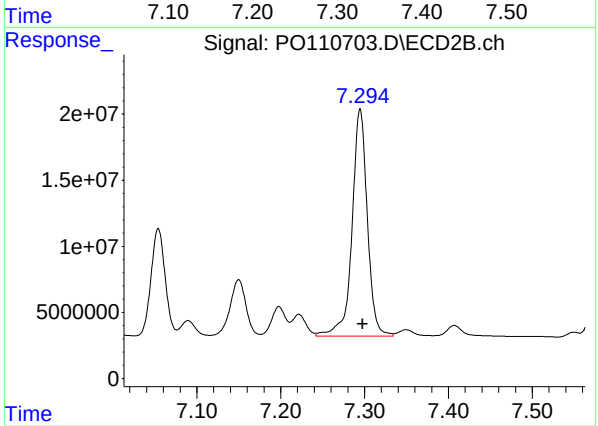
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 94883323
Conc: 472.90 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 521882902
Conc: 500.14 ng/ml



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 218532046
Conc: 476.25 ng/ml

Raw Data: **PO110714.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/25/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 04:38 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110714.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/25/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 04:38 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Raw Data: **PO110714.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110714.D **Time Analyzed:** 04:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	533.230	500.000	6.6
Aroclor-1016-2	4.795	4.698	4.898	539.670	500.000	7.9
Aroclor-1016-3	4.852	4.755	4.955	524.650	500.000	4.9
Aroclor-1016-4	4.972	4.875	5.075	534.760	500.000	7.0
Aroclor-1016-5	5.228	5.132	5.332	533.320	500.000	6.7
Aroclor-1260-1	6.269	6.172	6.372	552.460	500.000	10.5
Aroclor-1260-2	6.457	6.360	6.560	528.810	500.000	5.8
Aroclor-1260-3	6.825	6.729	6.929	522.060	500.000	4.4
Aroclor-1260-4	7.085	6.988	7.188	512.740	500.000	2.5
Aroclor-1260-5	7.327	7.230	7.430	517.050	500.000	3.4
Decachlorobiphenyl	8.727	8.632	8.832	46.830	50.000	-6.3
Tetrachloro-m-xylene	3.686	3.588	3.788	53.670	50.000	7.3

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL04 **Date Analyzed:** 04/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110714.D **Time Analyzed:** 04:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.763	4.666	4.866	499.230	500.000	-0.2
Aroclor-1016-2	4.782	4.684	4.884	500.630	500.000	0.1
Aroclor-1016-3	4.957	4.860	5.060	489.660	500.000	-2.1
Aroclor-1016-4	4.999	4.902	5.102	426.090	500.000	-14.8
Aroclor-1016-5	5.212	5.115	5.315	538.280	500.000	7.7
Aroclor-1260-1	6.243	6.146	6.346	498.320	500.000	-0.3
Aroclor-1260-2	6.431	6.334	6.534	486.000	500.000	-2.8
Aroclor-1260-3	6.583	6.487	6.687	477.710	500.000	-4.5
Aroclor-1260-4	7.054	6.957	7.157	475.560	500.000	-4.9
Aroclor-1260-5	7.295	7.197	7.397	479.150	500.000	-4.2
Decachlorobiphenyl	8.681	8.584	8.784	46.100	50.000	-7.8
Tetrachloro-m-xylene	3.683	3.586	3.786	51.400	50.000	2.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110714.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 04:38
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 06:58:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	469.5E6	256.5E6	53.667	51.402
2)	SA Decachlor...	8.727	8.681	369.7E6	88750264	46.833	46.104
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.763	175.0E6	87618928	533.232	499.226
4)	L1 AR-1016-2	4.795	4.782	245.5E6	125.9E6	539.674	500.634
5)	L1 AR-1016-3	4.852	4.957	169.2E6	66451737	524.649	489.657
6)	L1 AR-1016-4	4.972	4.999	133.2E6	48731517	534.757	426.094
7)	L1 AR-1016-5	5.228	5.212	143.5E6	80243551	533.316m	538.280
31)	L7 AR-1260-1	6.269	6.243	261.0E6	122.6E6	552.460	498.323
32)	L7 AR-1260-2	6.457	6.431	310.1E6	141.8E6	528.814	486.002
33)	L7 AR-1260-3	6.825	6.583	257.3E6	129.4E6	522.056	477.707
34)	L7 AR-1260-4	7.085	7.054	217.6E6	95415401	512.737	475.555
35)	L7 AR-1260-5	7.327	7.295	539.5E6	219.9E6	517.055	479.151

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110714.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 04:38
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

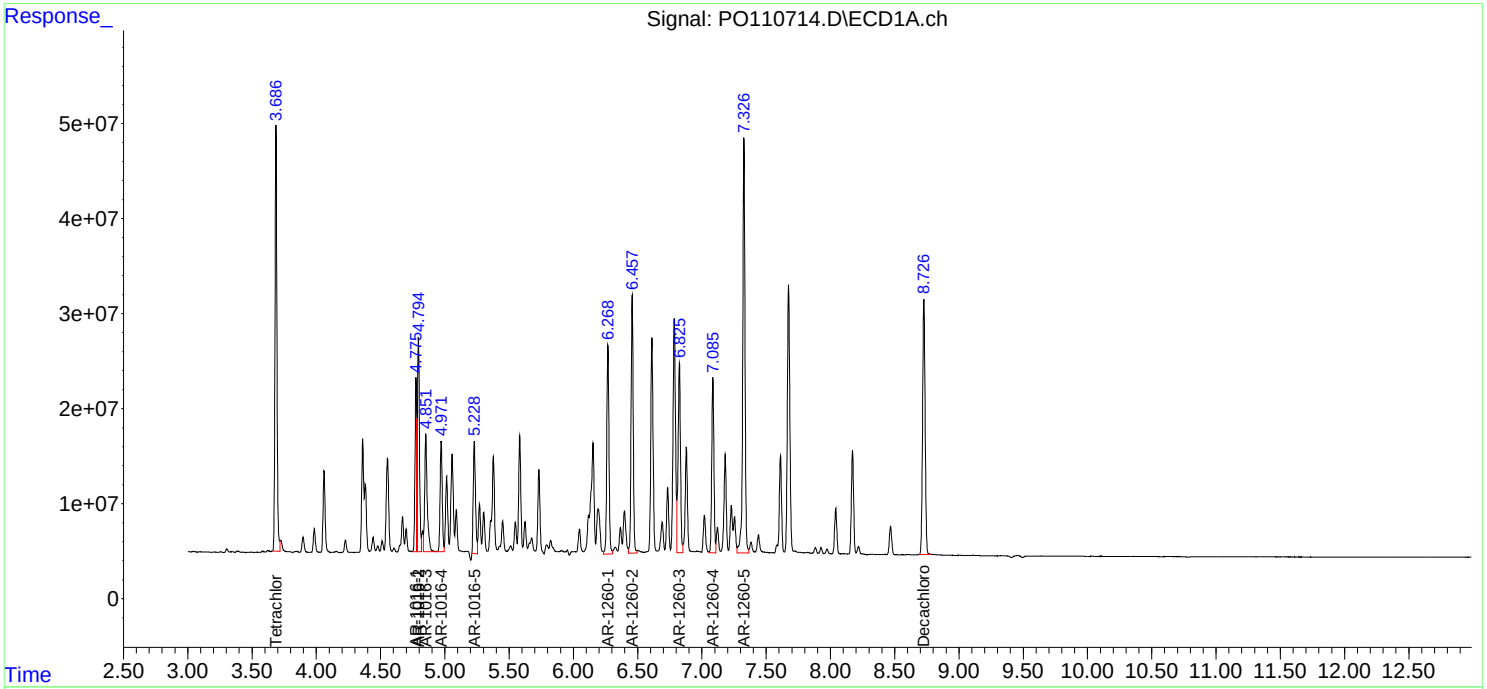
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

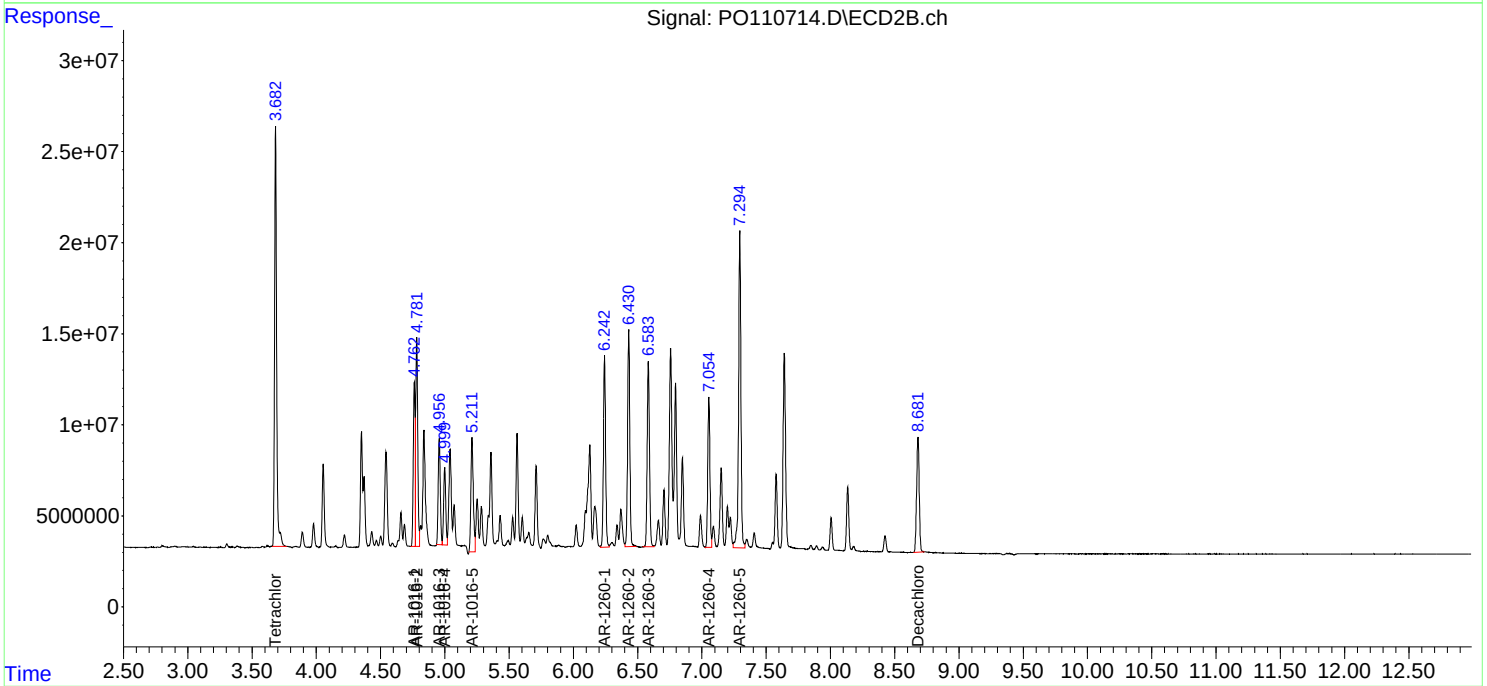
Manual Integrations APPROVED

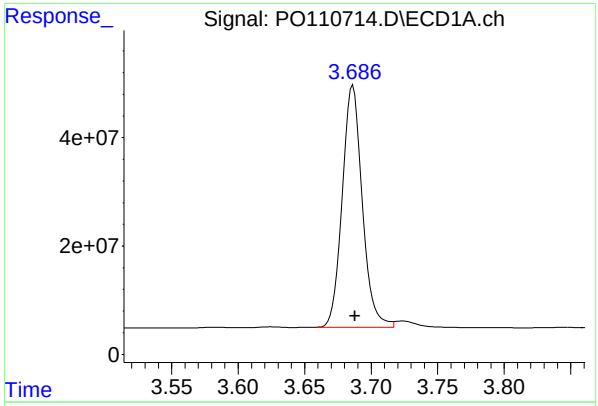
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 06:58:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







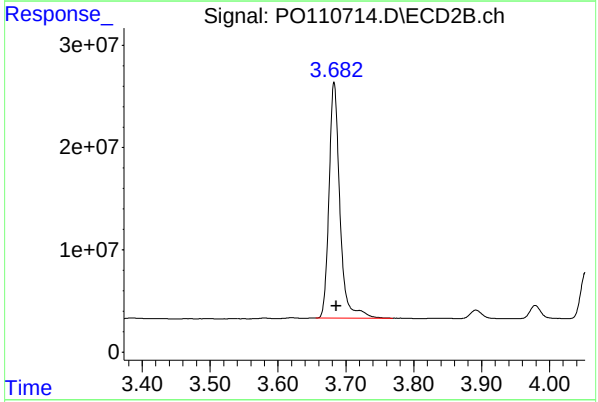
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 469532424
Conc: 53.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

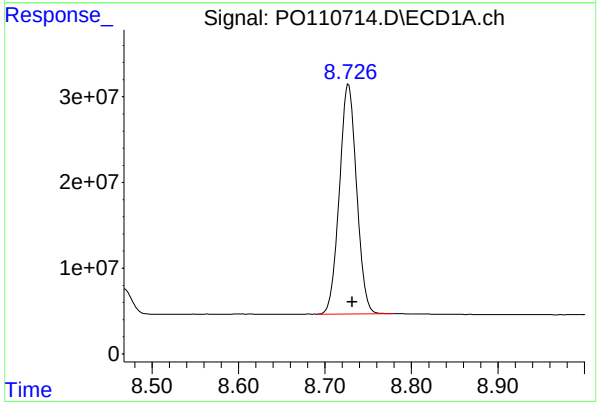
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



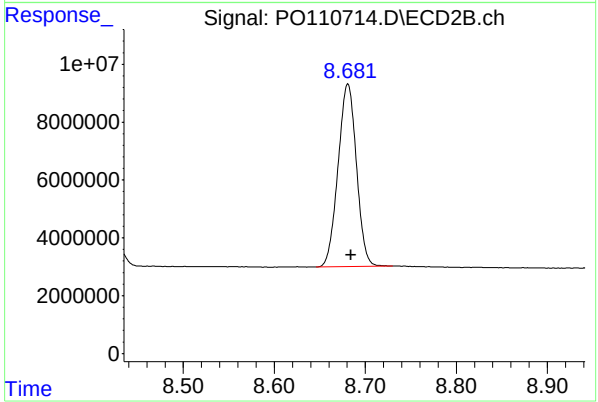
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 256484728
Conc: 51.40 ng/ml



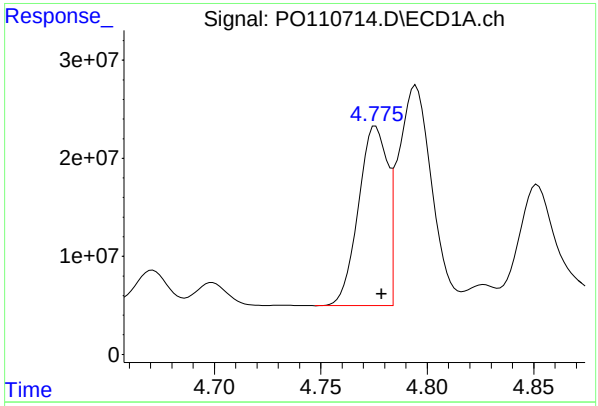
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 369746795
Conc: 46.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: -0.003 min
Response: 88750264
Conc: 46.10 ng/ml



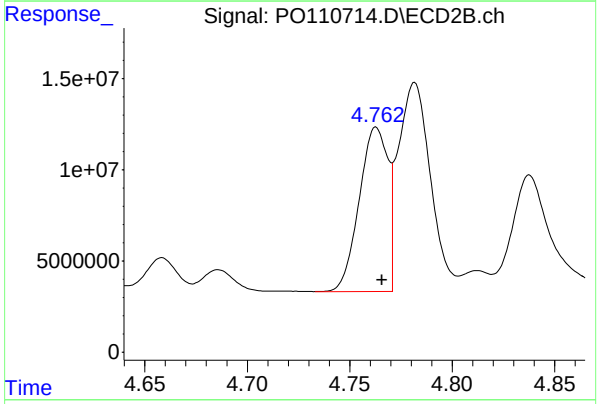
#3 AR-1016-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 174976671
Conc: 533.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

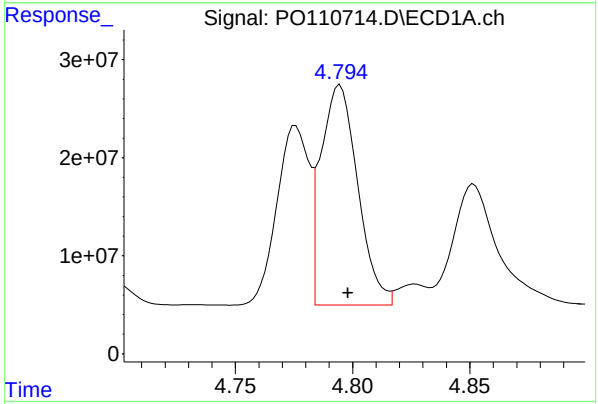
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



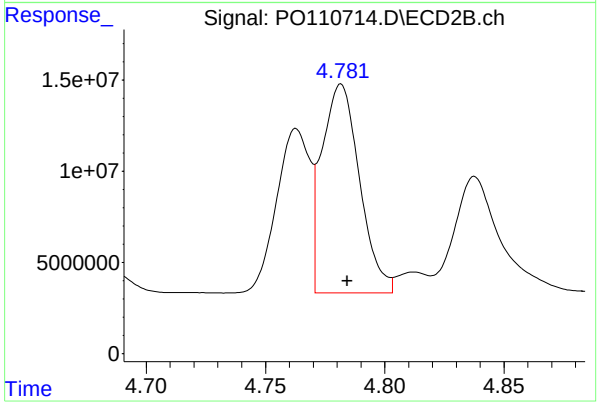
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 87618928
Conc: 499.23 ng/ml



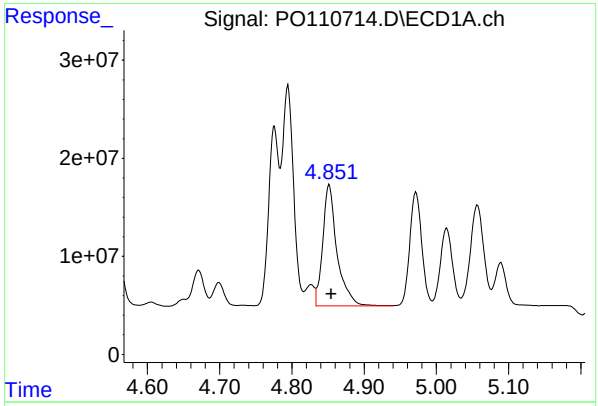
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 245523761
Conc: 539.67 ng/ml



#4 AR-1016-2

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 125891812
Conc: 500.63 ng/ml



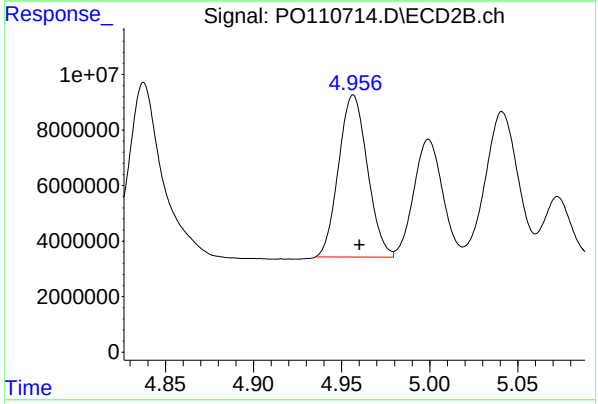
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 169213830
Conc: 524.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

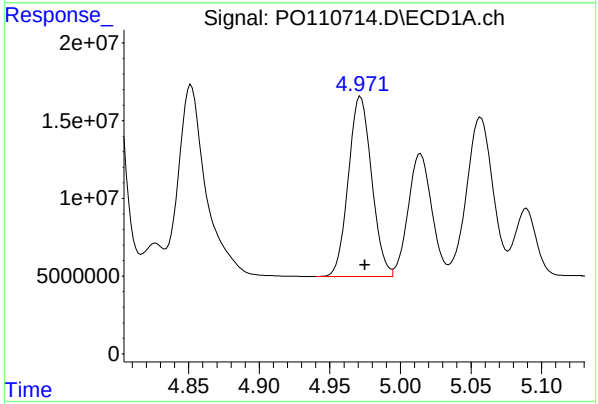
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



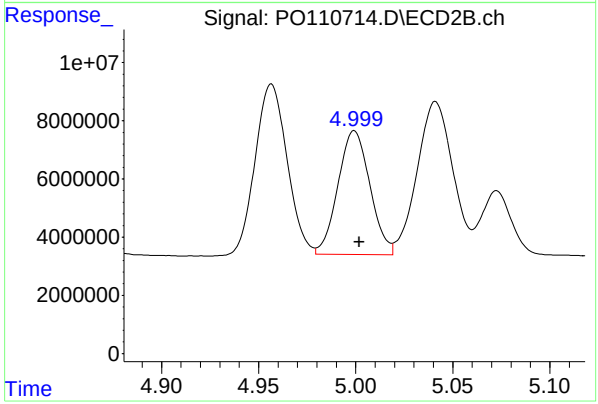
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 66451737
Conc: 489.66 ng/ml



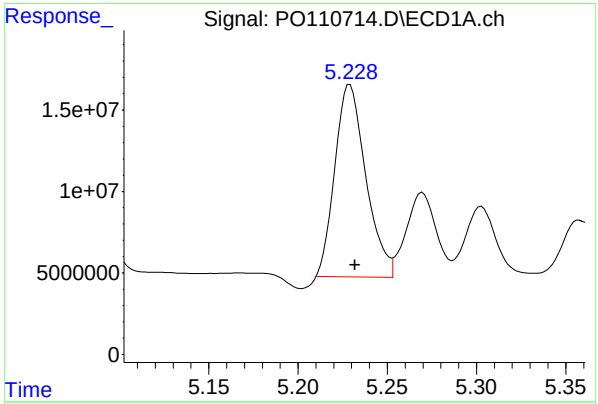
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 133242339
Conc: 534.76 ng/ml



#6 AR-1016-4

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 48731517
Conc: 426.09 ng/ml



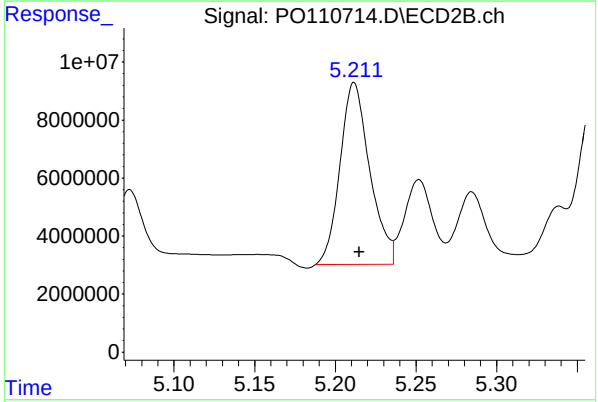
#7 AR-1016-5

R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 143468328
Conc: 533.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

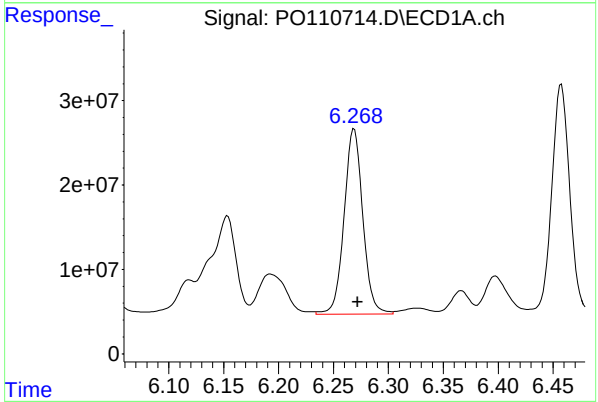
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



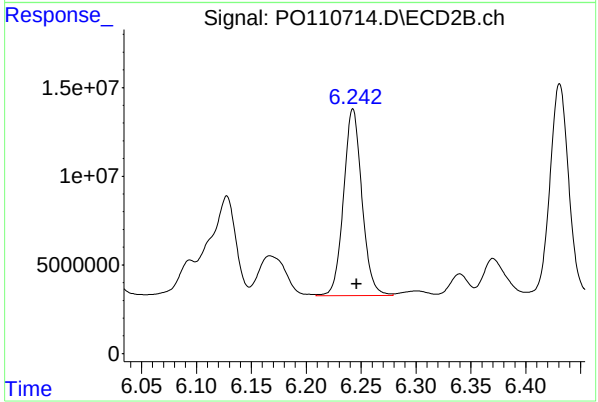
#7 AR-1016-5

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 80243551
Conc: 538.28 ng/ml



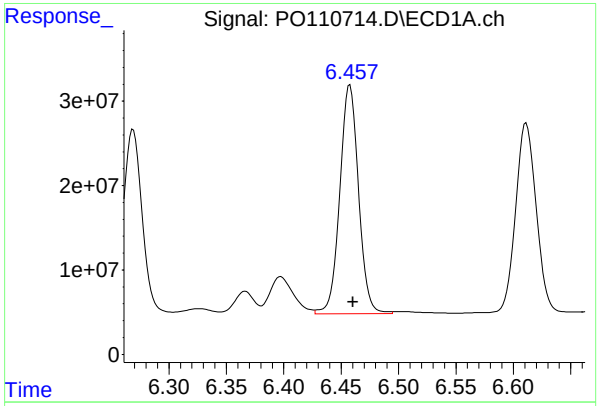
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 261007077
Conc: 552.46 ng/ml



#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 122569370
Conc: 498.32 ng/ml



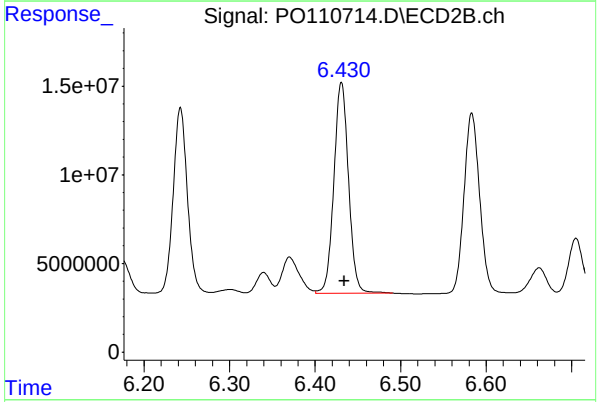
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 310109428
Conc: 528.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

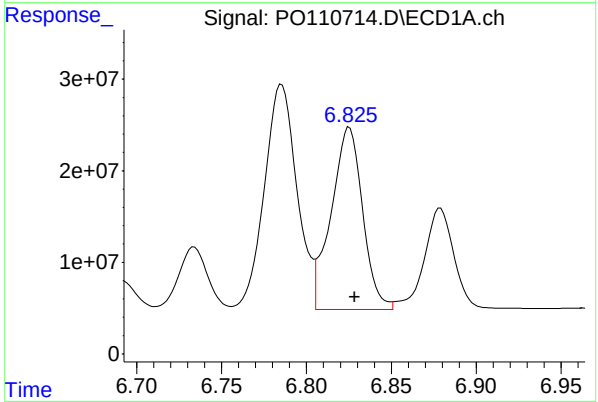
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



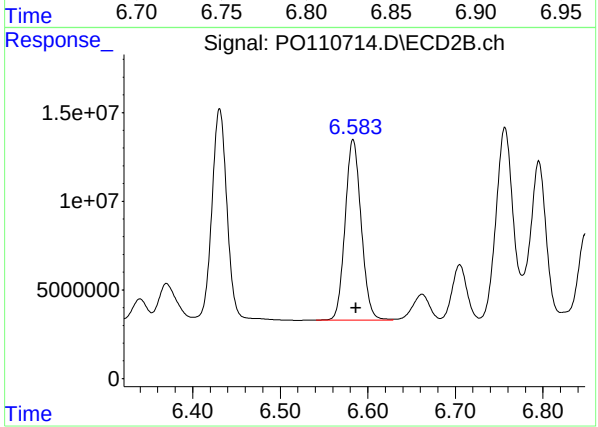
#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 141791493
Conc: 486.00 ng/ml



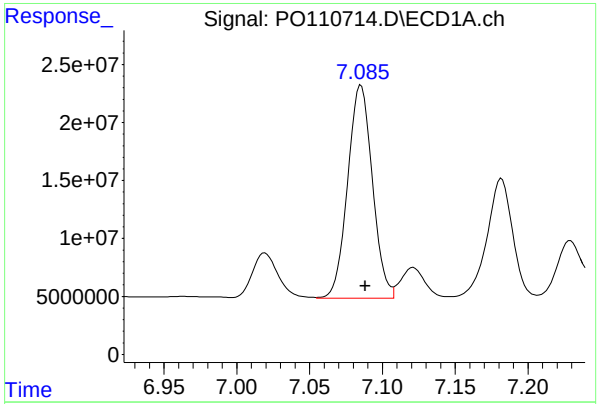
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.003 min
Response: 257306856
Conc: 522.06 ng/ml



#33 AR-1260-3

R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 129403233
Conc: 477.71 ng/ml



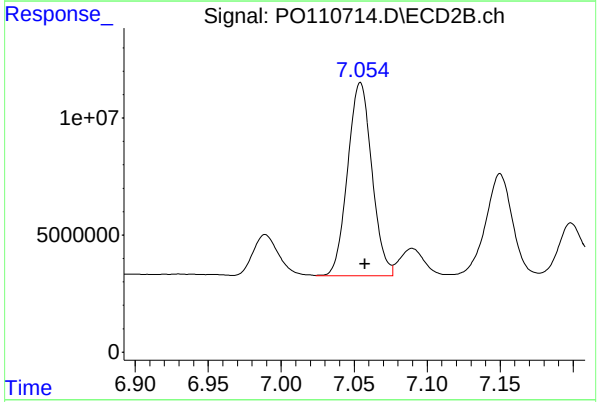
#34 AR-1260-4

R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 217617307
Conc: 512.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

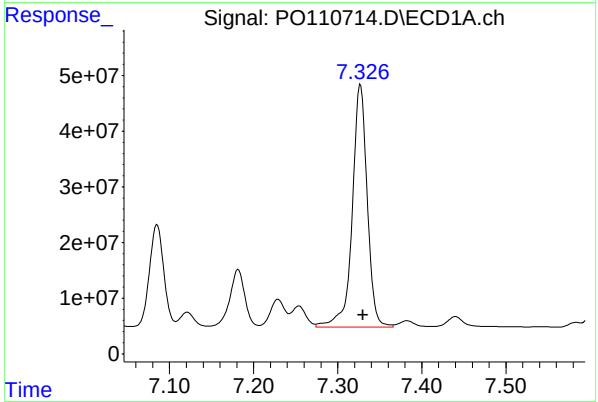
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



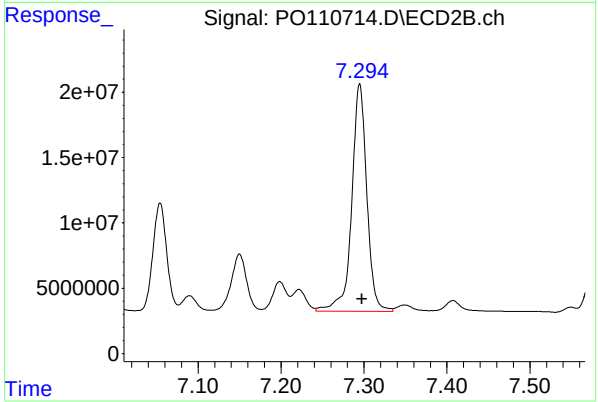
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 95415401
Conc: 475.56 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 539531898
Conc: 517.05 ng/ml



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 219861920
Conc: 479.15 ng/ml

Raw Data: **PO110720.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/25/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 09:24 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110720.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/25/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 09:24 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Raw Data: **PO110720.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL05 **Date Analyzed:** 04/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110720.D **Time Analyzed:** 09:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	519.800	500.000	4.0
Aroclor-1016-2	4.795	4.698	4.898	529.150	500.000	5.8
Aroclor-1016-3	4.852	4.755	4.955	515.150	500.000	3.0
Aroclor-1016-4	4.972	4.875	5.075	525.650	500.000	5.1
Aroclor-1016-5	5.230	5.132	5.332	522.090	500.000	4.4
Aroclor-1260-1	6.269	6.172	6.372	511.280	500.000	2.3
Aroclor-1260-2	6.458	6.360	6.560	502.580	500.000	0.5
Aroclor-1260-3	6.825	6.729	6.929	501.760	500.000	0.4
Aroclor-1260-4	7.085	6.988	7.188	497.560	500.000	-0.5
Aroclor-1260-5	7.327	7.230	7.430	495.450	500.000	-0.9
Decachlorobiphenyl	8.728	8.632	8.832	45.580	50.000	-8.8
Tetrachloro-m-xylene	3.686	3.588	3.788	53.220	50.000	6.4

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL05 **Date Analyzed:** 04/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110720.D **Time Analyzed:** 09:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	486.210	500.000	-2.8
Aroclor-1016-2	4.781	4.684	4.884	484.370	500.000	-3.1
Aroclor-1016-3	4.956	4.860	5.060	461.780	500.000	-7.6
Aroclor-1016-4	4.998	4.902	5.102	460.000	500.000	-8.0
Aroclor-1016-5	5.211	5.115	5.315	471.920	500.000	-5.6
Aroclor-1260-1	6.242	6.146	6.346	470.310	500.000	-5.9
Aroclor-1260-2	6.429	6.334	6.534	462.170	500.000	-7.6
Aroclor-1260-3	6.582	6.487	6.687	458.670	500.000	-8.3
Aroclor-1260-4	7.053	6.957	7.157	459.830	500.000	-8.0
Aroclor-1260-5	7.294	7.197	7.397	456.120	500.000	-8.8
Decachlorobiphenyl	8.679	8.584	8.784	43.970	50.000	-12.1
Tetrachloro-m-xylene	3.683	3.586	3.786	50.330	50.000	0.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 09:24
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:19:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	465.6E6	251.1E6	53.218	50.330
2)	SA Decachlor...	8.728	8.679	359.9E6	84648333	45.583	43.973
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.762	170.6E6	85334674	519.801	486.211
4)	L1 AR-1016-2	4.795	4.781	240.7E6	121.8E6	529.153	484.371
5)	L1 AR-1016-3	4.852	4.956	166.2E6	62668297	515.153	461.778
6)	L1 AR-1016-4	4.972	4.998	131.0E6	52609223	525.651	460.000
7)	L1 AR-1016-5	5.230	5.211	140.4E6	70350533	522.089	471.917
31)	L7 AR-1260-1	6.269	6.242	241.6E6	115.7E6	511.283	470.310
32)	L7 AR-1260-2	6.458	6.429	294.7E6	134.8E6	502.581	462.168
33)	L7 AR-1260-3	6.825	6.582	247.3E6	124.2E6	501.764	458.674
34)	L7 AR-1260-4	7.085	7.053	211.2E6	92261230	497.558	459.835
35)	L7 AR-1260-5	7.327	7.294	517.0E6	209.3E6	495.448	456.116

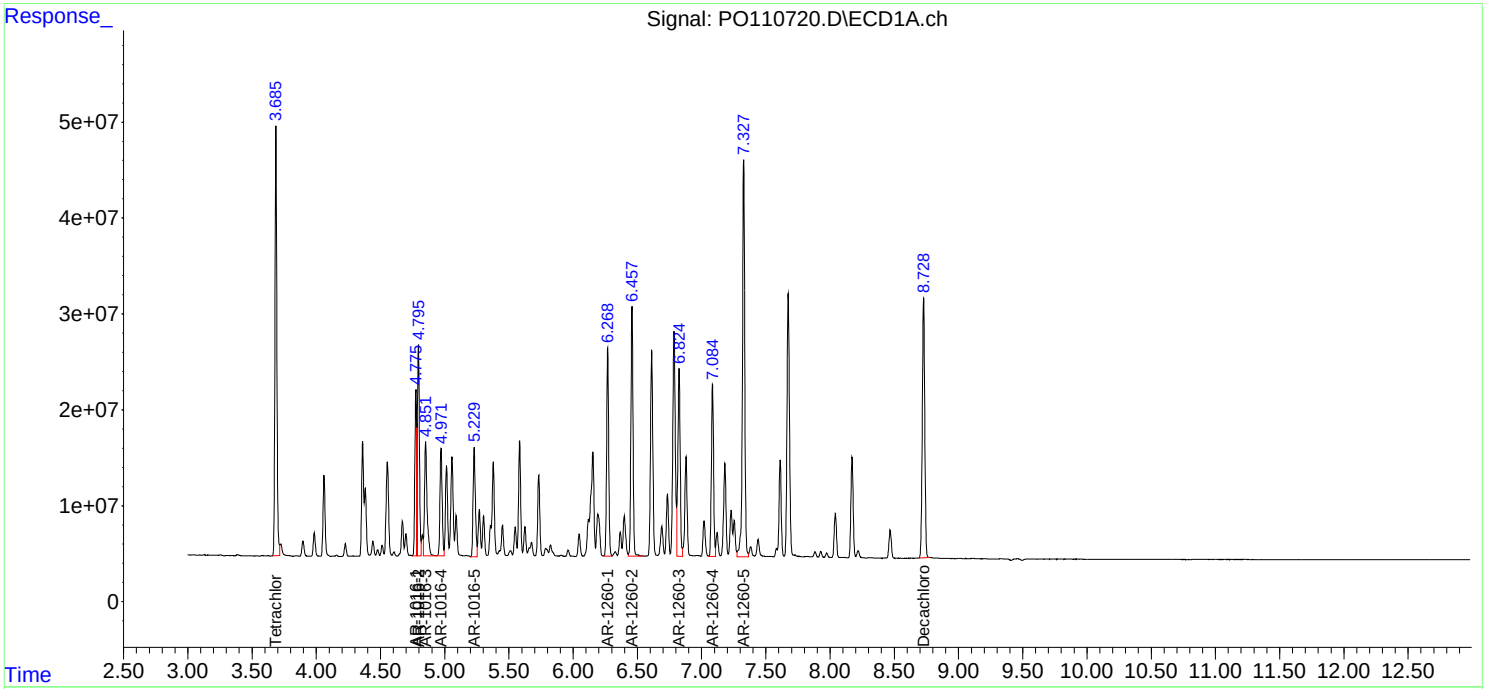
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

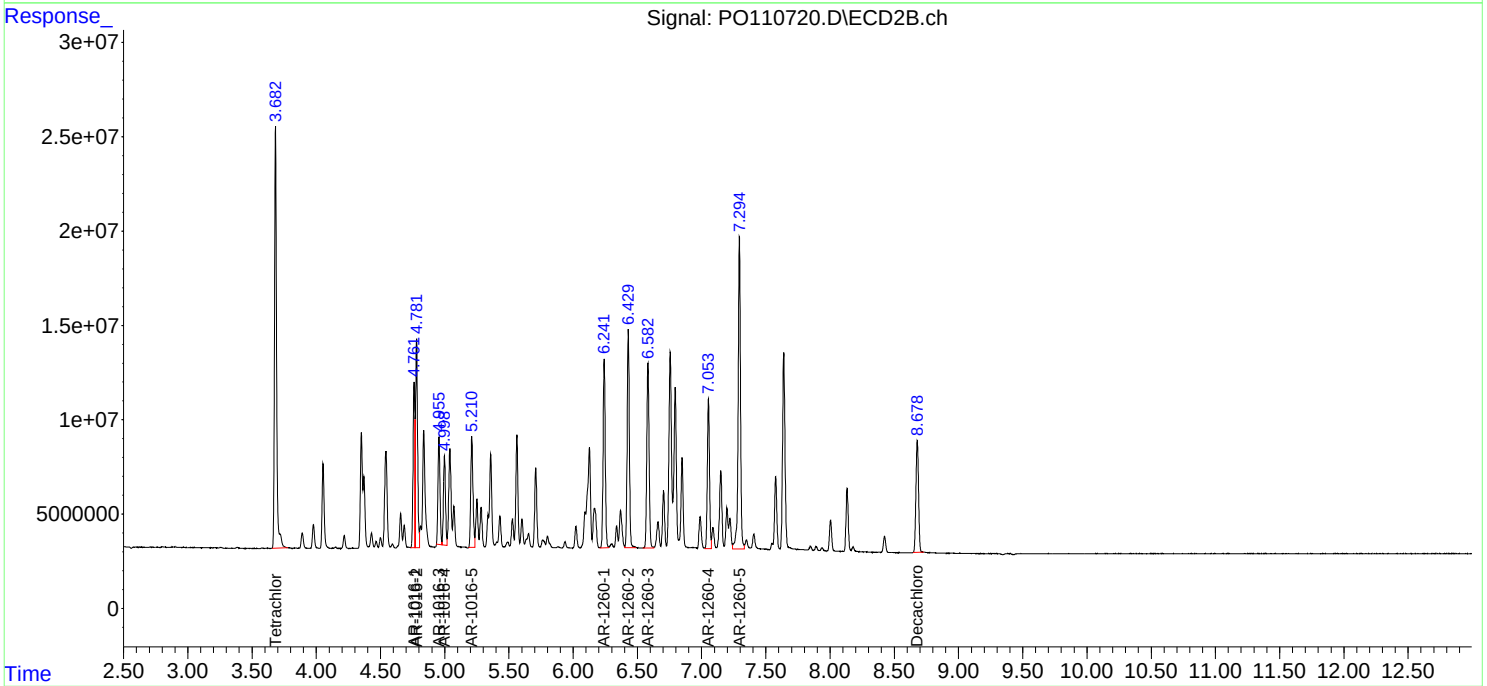
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 09:24
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

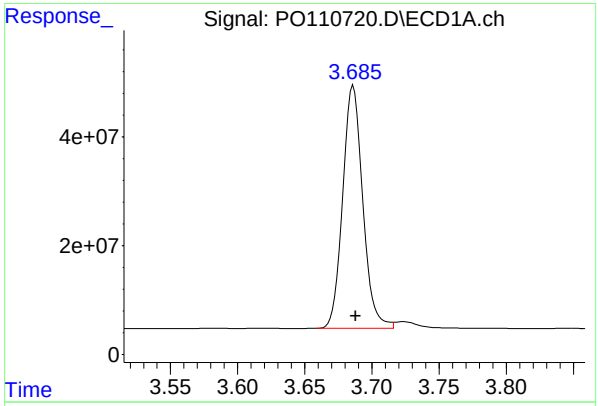
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:19:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



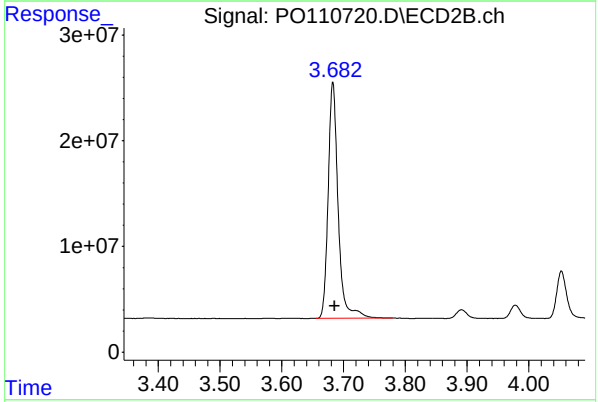




#1 Tetrachloro-m-xylene

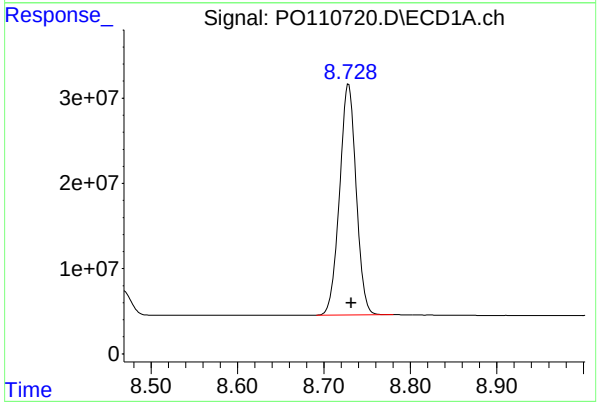
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 465604572
Conc: 53.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



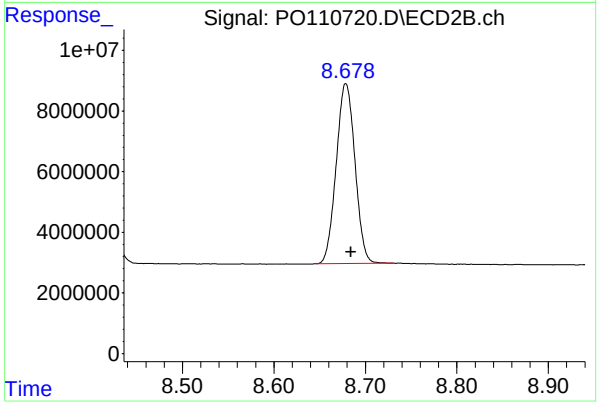
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 251134223
Conc: 50.33 ng/ml



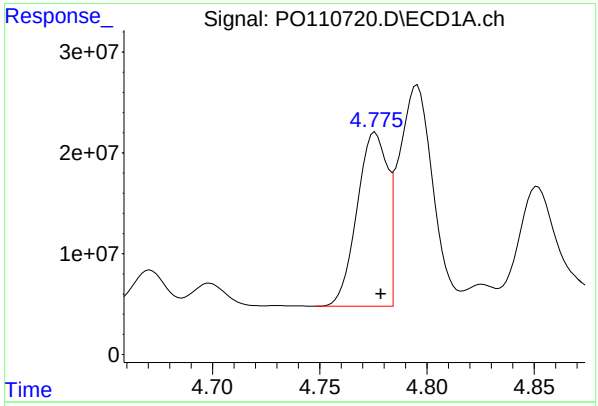
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.003 min
Response: 359876655
Conc: 45.58 ng/ml



#2 Decachlorobiphenyl

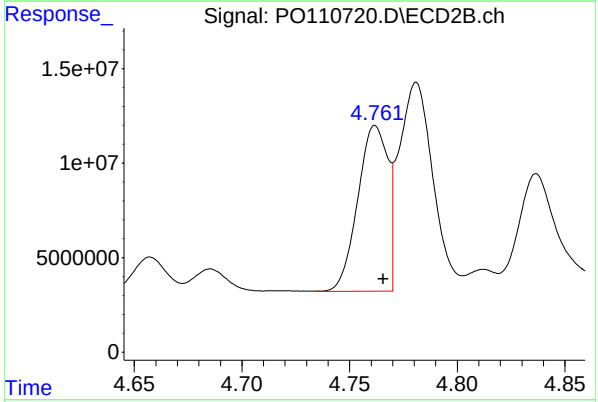
R.T.: 8.679 min
Delta R.T.: -0.006 min
Response: 84648333
Conc: 43.97 ng/ml



#3 AR-1016-1

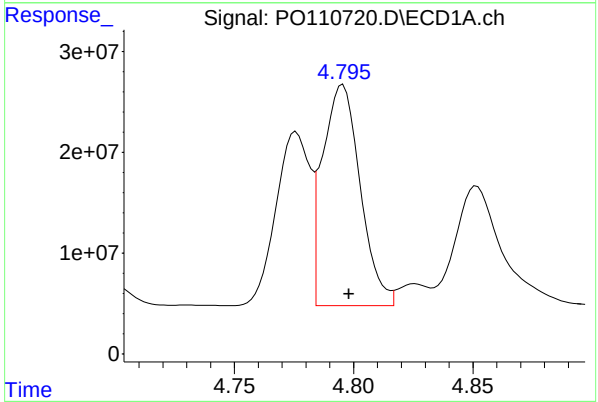
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 170569290
Conc: 519.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



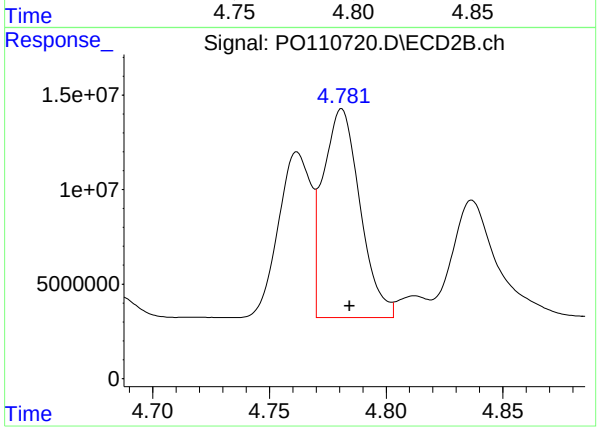
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 85334674
Conc: 486.21 ng/ml



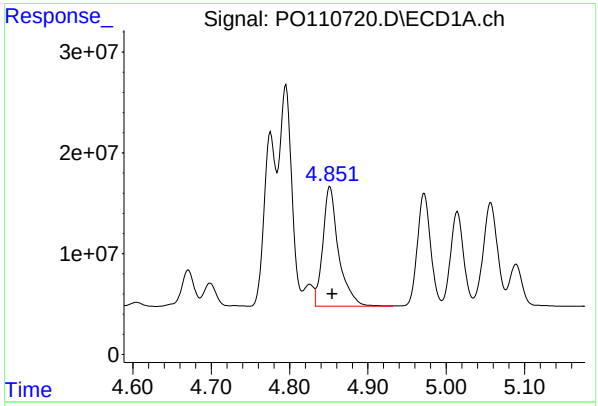
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 240737310
Conc: 529.15 ng/ml



#4 AR-1016-2

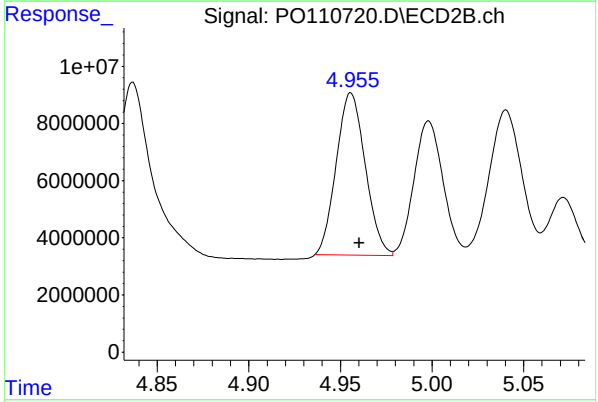
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 121802236
Conc: 484.37 ng/ml



#5 AR-1016-3

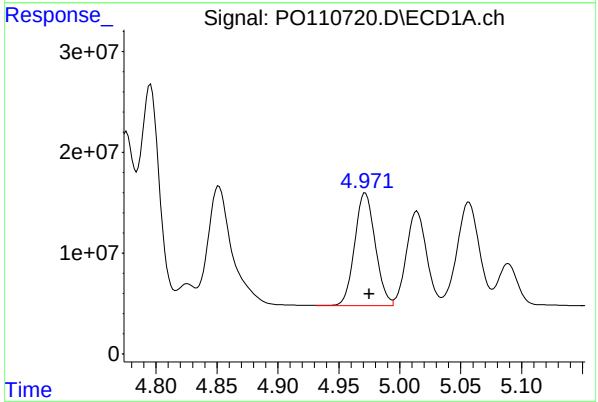
R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 166151050
Conc: 515.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



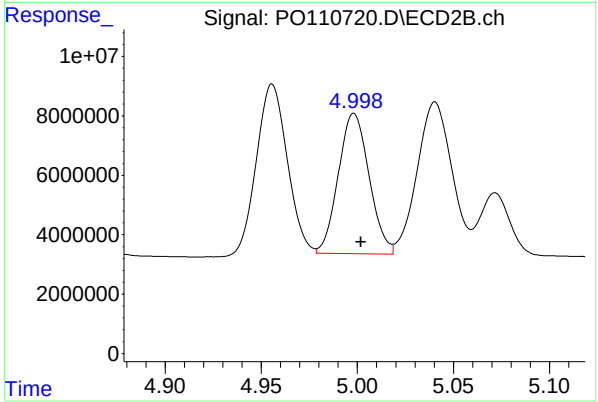
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 62668297
Conc: 461.78 ng/ml



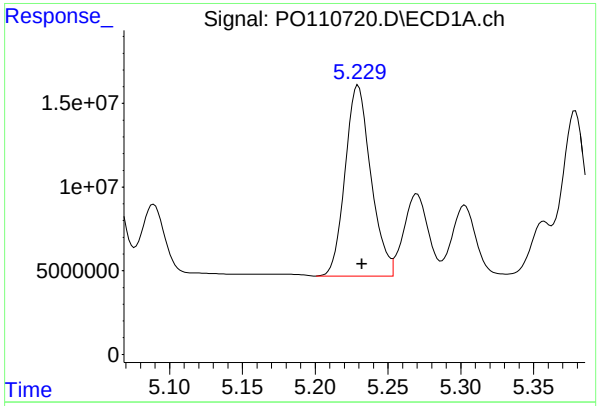
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 130973661
Conc: 525.65 ng/ml



#6 AR-1016-4

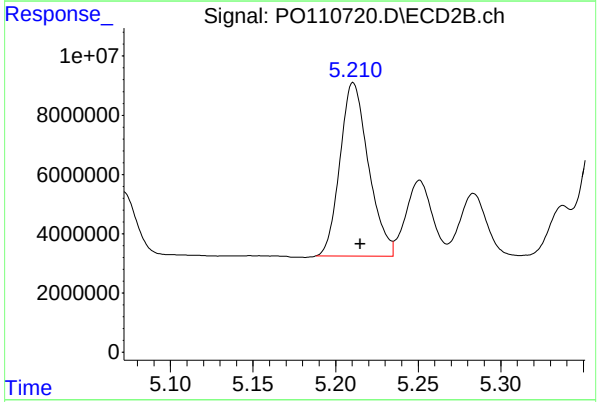
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 52609223
Conc: 460.00 ng/ml



#7 AR-1016-5

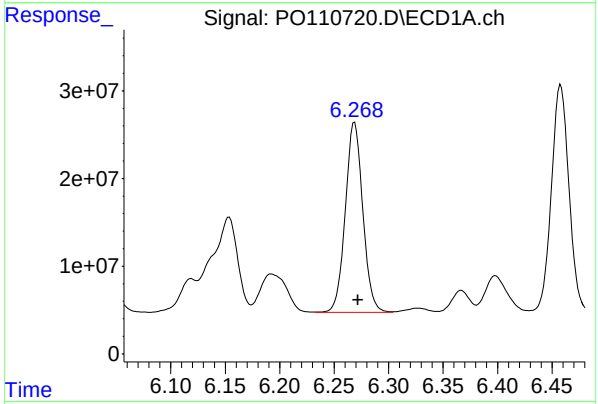
R.T.: 5.230 min
Delta R.T.: -0.003 min
Response: 140448095
Conc: 522.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



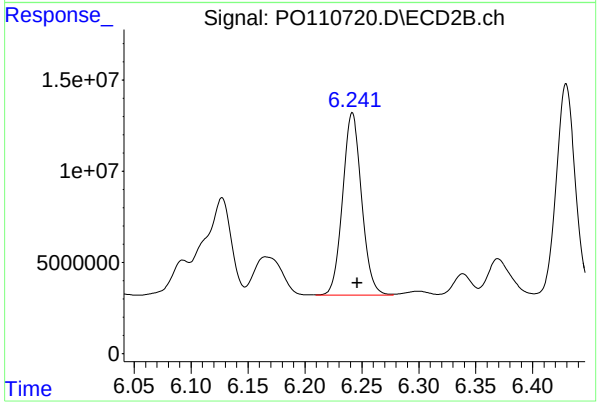
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 70350533
Conc: 471.92 ng/ml



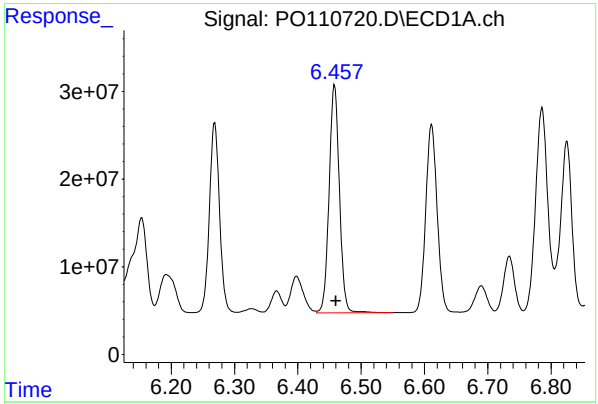
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 241553248
Conc: 511.28 ng/ml



#31 AR-1260-1

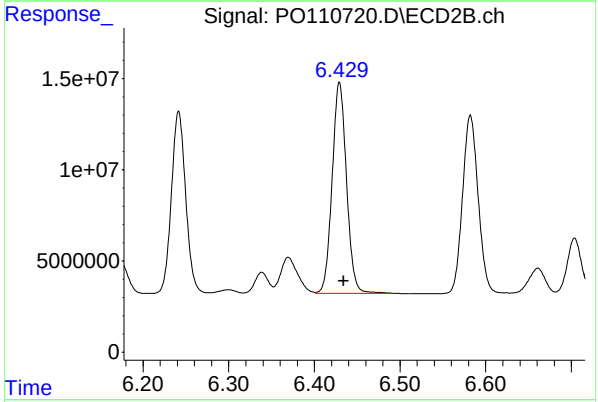
R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 115679222
Conc: 470.31 ng/ml



#32 AR-1260-2

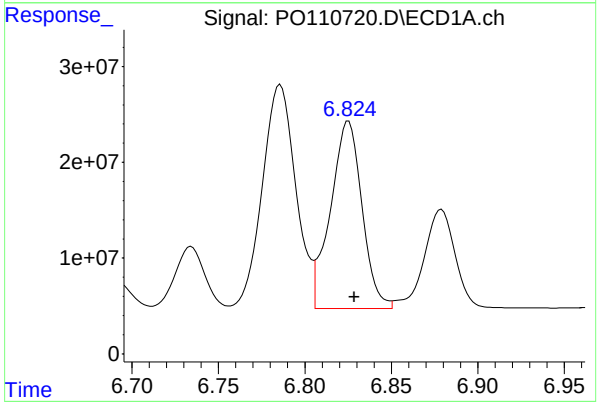
R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 294725590
Conc: 502.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



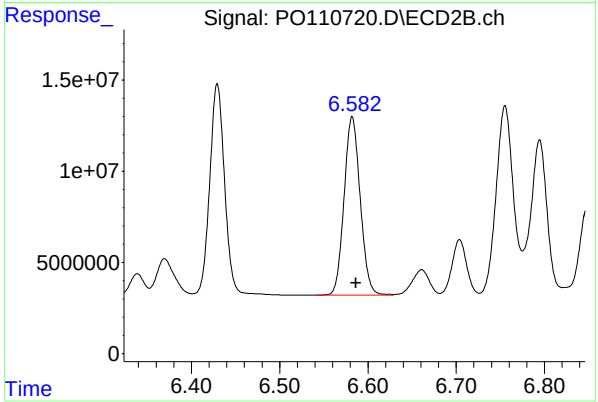
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 134837914
Conc: 462.17 ng/ml



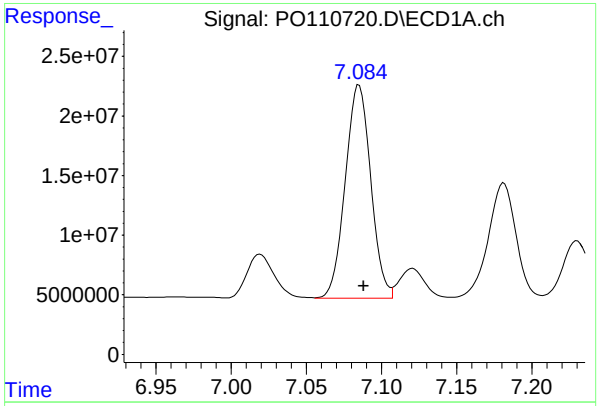
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.003 min
Response: 247305640
Conc: 501.76 ng/ml



#33 AR-1260-3

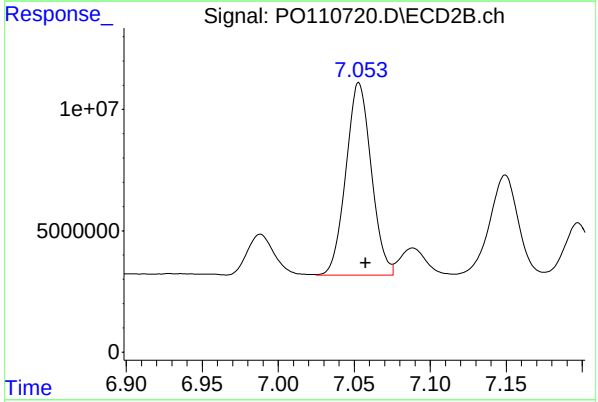
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 124247634
Conc: 458.67 ng/ml



#34 AR-1260-4

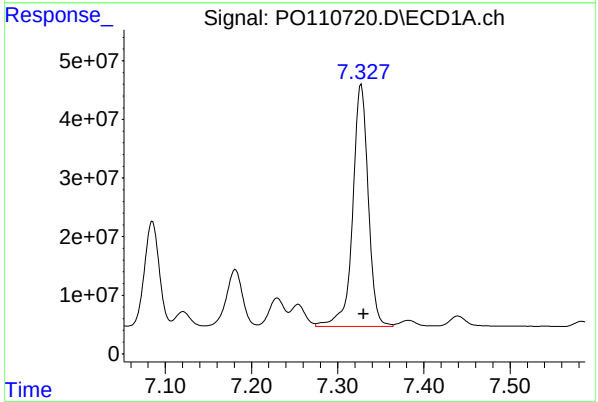
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 211175183
Conc: 497.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



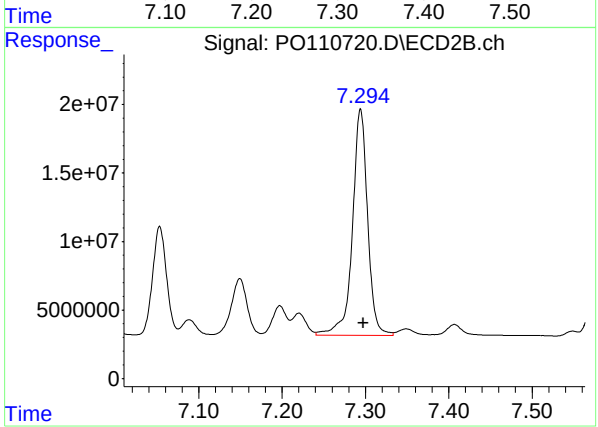
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 92261230
Conc: 459.83 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 516985692
Conc: 495.45 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 209292528
Conc: 456.12 ng/ml

Raw Data: **PO110735.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/25/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 16:18 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110735.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/25/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 16:18 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Raw Data: **PO110735.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 04/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110735.D **Time Analyzed:** 16:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	534.920	500.000	7.0
Aroclor-1016-2	4.795	4.698	4.898	532.880	500.000	6.6
Aroclor-1016-3	4.852	4.755	4.955	517.710	500.000	3.5
Aroclor-1016-4	4.972	4.875	5.075	526.810	500.000	5.4
Aroclor-1016-5	5.229	5.132	5.332	541.210	500.000	8.2
Aroclor-1260-1	6.269	6.172	6.372	497.380	500.000	-0.5
Aroclor-1260-2	6.458	6.360	6.560	484.730	500.000	-3.1
Aroclor-1260-3	6.825	6.729	6.929	475.890	500.000	-4.8
Aroclor-1260-4	7.085	6.988	7.188	457.890	500.000	-8.4
Aroclor-1260-5	7.327	7.230	7.430	454.240	500.000	-9.2
Decachlorobiphenyl	8.729	8.632	8.832	41.860	50.000	-16.3
Tetrachloro-m-xylene	3.686	3.588	3.788	53.220	50.000	6.4

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 04/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110735.D **Time Analyzed:** 16:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.763	4.666	4.866	494.120	500.000	-1.2
Aroclor-1016-2	4.782	4.684	4.884	494.850	500.000	-1.0
Aroclor-1016-3	4.957	4.860	5.060	488.260	500.000	-2.3
Aroclor-1016-4	5.000	4.902	5.102	470.700	500.000	-5.9
Aroclor-1016-5	5.212	5.115	5.315	493.770	500.000	-1.2
Aroclor-1260-1	6.242	6.146	6.346	465.260	500.000	-6.9
Aroclor-1260-2	6.431	6.334	6.534	454.720	500.000	-9.1
Aroclor-1260-3	6.583	6.487	6.687	447.240	500.000	-10.6
Aroclor-1260-4	7.054	6.957	7.157	441.500	500.000	-11.7
Aroclor-1260-5	7.295	7.197	7.397	439.600	500.000	-12.1
Decachlorobiphenyl	8.680	8.584	8.784	42.900	50.000	-14.2
Tetrachloro-m-xylene	3.684	3.586	3.786	50.750	50.000	1.5

Quantitation Report (QT Reviewed)

Sample Results: **PO110735.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110735.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 16:18
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:25:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.686	3.684	465.6E6	253.2E6	53.217	50.748
2) SA	Decachlor...	8.729	8.680	330.5E6	82582259	41.858	42.900
	Target Compounds						
3) L1	AR-1016-1	4.776	4.763	175.5E6	86723622	534.924	494.125
4) L1	AR-1016-2	4.795	4.782	242.4E6	124.4E6	532.877	494.849
5) L1	AR-1016-3	4.852	4.957	167.0E6	66262225	517.706	488.260
6) L1	AR-1016-4	4.972	5.000	131.3E6	53833421	526.813	470.704
7) L1	AR-1016-5	5.229	5.212	145.6E6	73607896	541.212	493.768
31) L7	AR-1260-1	6.269	6.242	235.0E6	114.4E6	497.377	465.255
32) L7	AR-1260-2	6.458	6.431	284.3E6	132.7E6	484.726	454.723
33) L7	AR-1260-3	6.825	6.583	234.6E6	121.2E6	475.895	447.240
34) L7	AR-1260-4	7.085	7.054	194.3E6	88582258	457.893	441.498
35) L7	AR-1260-5	7.327	7.295	474.0E6	201.7E6	454.239	439.596

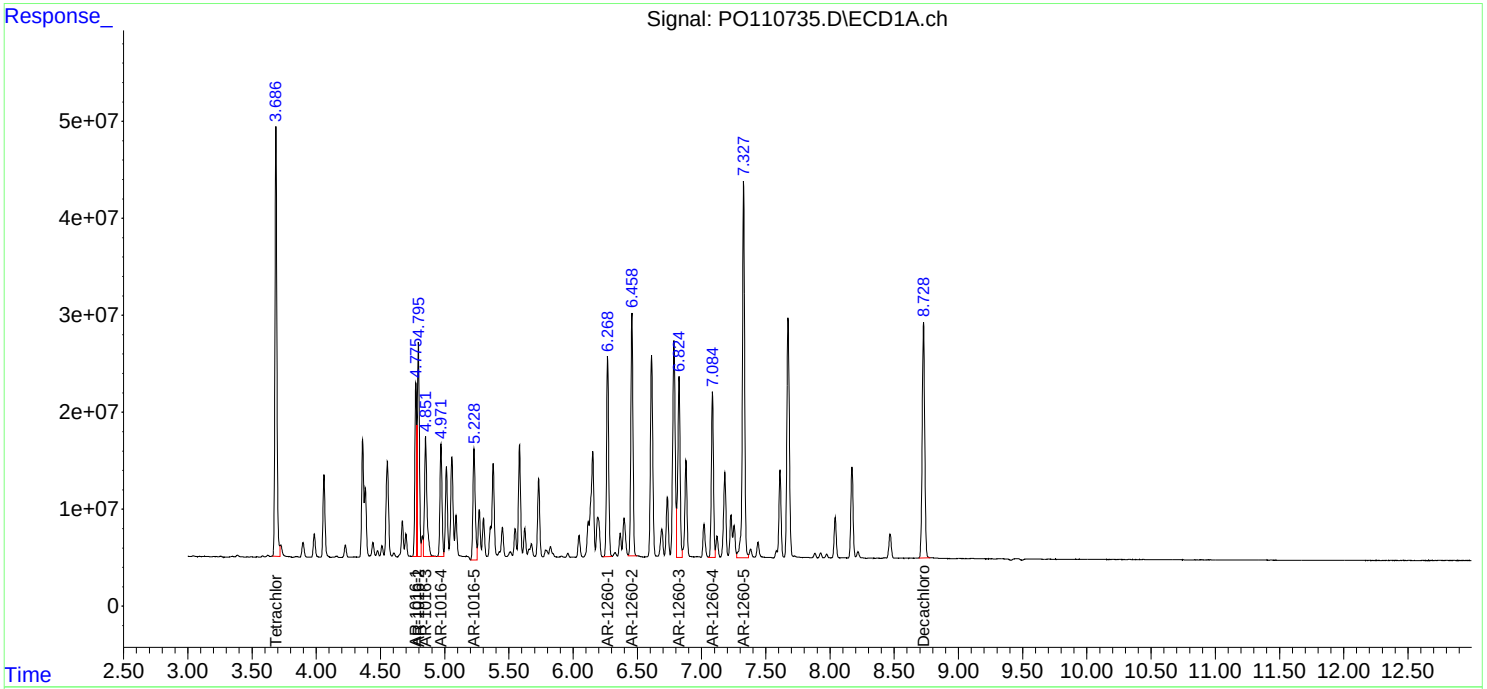
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

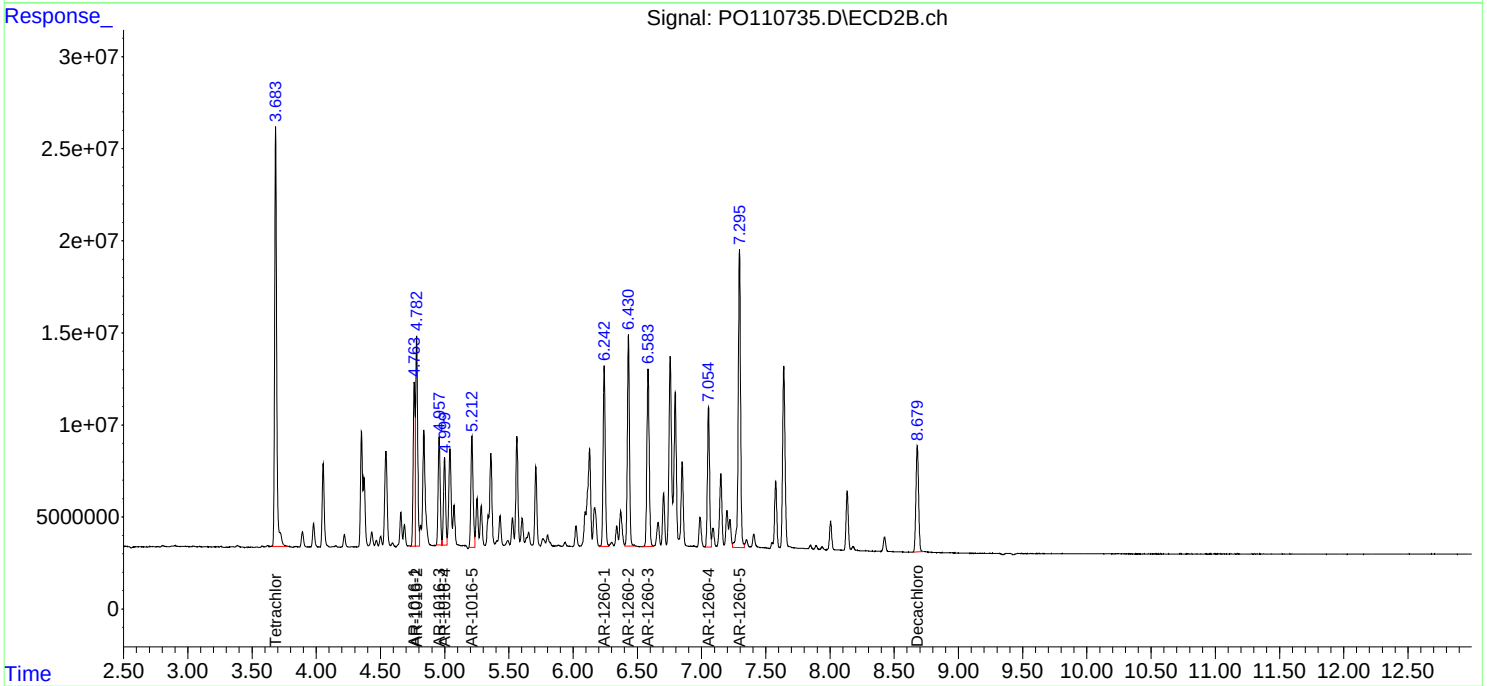
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110735.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 16:18
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

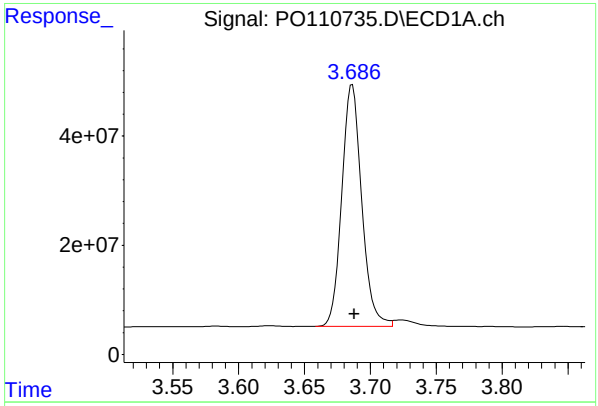
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:25:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



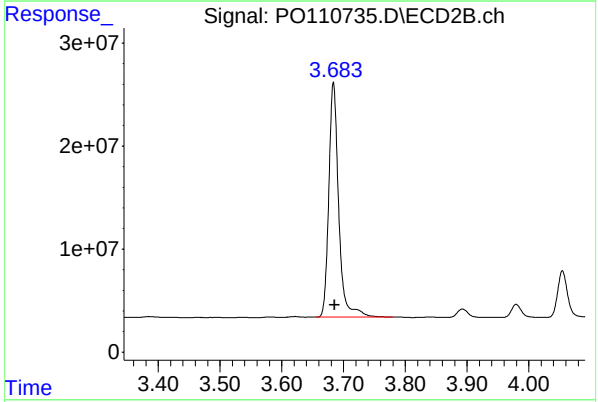




#1 Tetrachloro-m-xylene

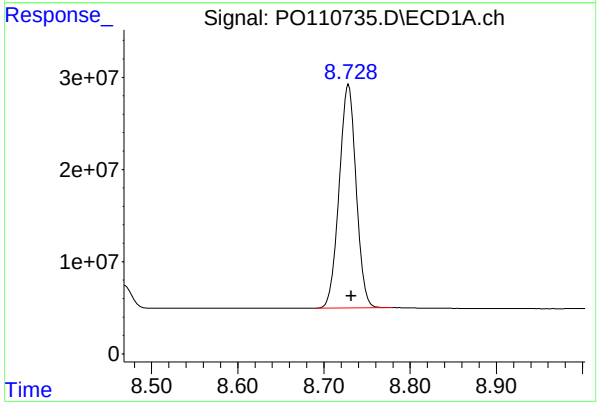
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 465595408
Conc: 53.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



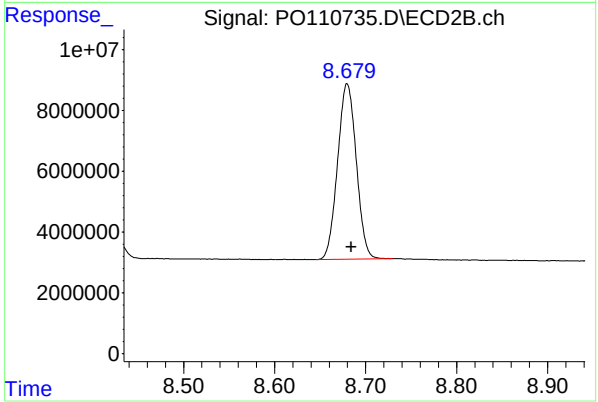
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 253220304
Conc: 50.75 ng/ml



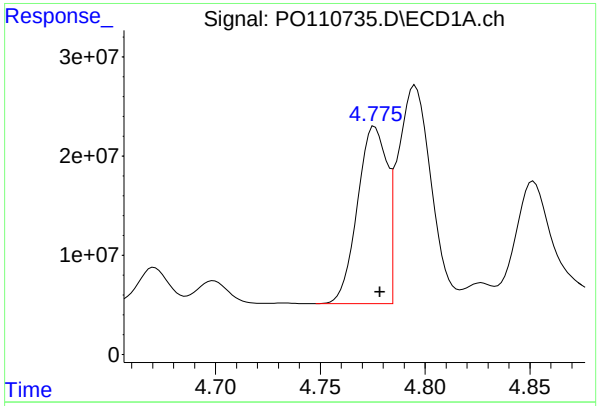
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 330469594
Conc: 41.86 ng/ml



#2 Decachlorobiphenyl

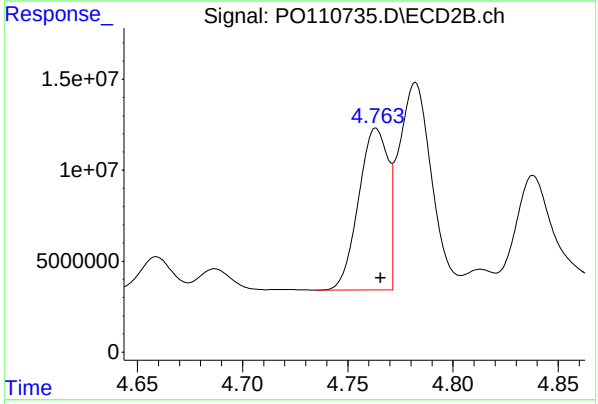
R.T.: 8.680 min
Delta R.T.: -0.005 min
Response: 82582259
Conc: 42.90 ng/ml



#3 AR-1016-1

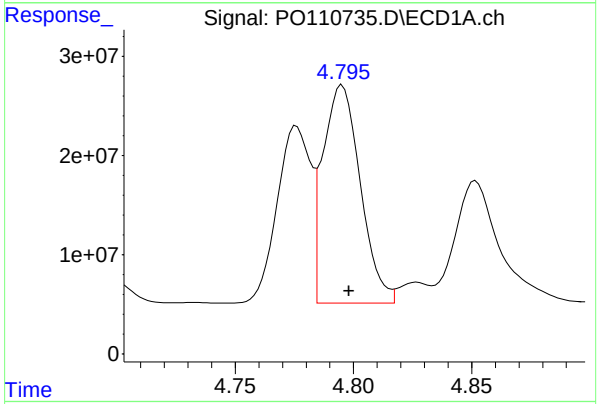
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 175531911
Conc: 534.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



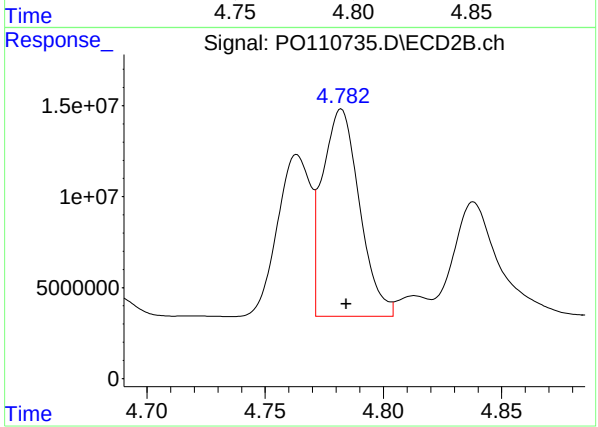
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 86723622
Conc: 494.12 ng/ml



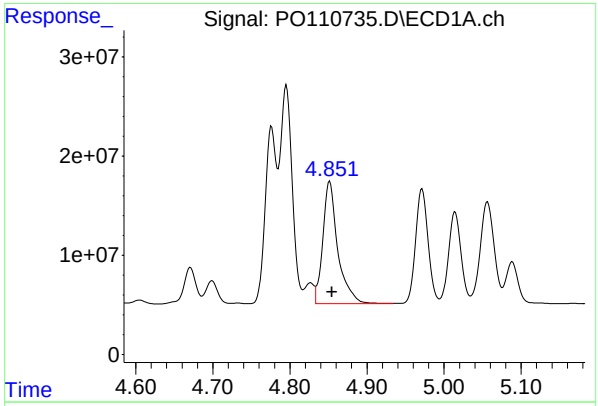
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 242431542
Conc: 532.88 ng/ml



#4 AR-1016-2

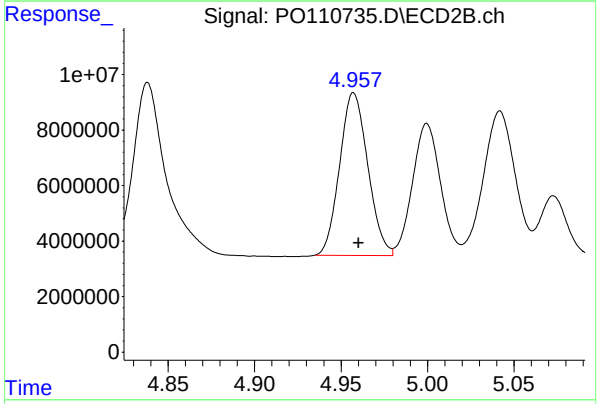
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 124437143
Conc: 494.85 ng/ml



#5 AR-1016-3

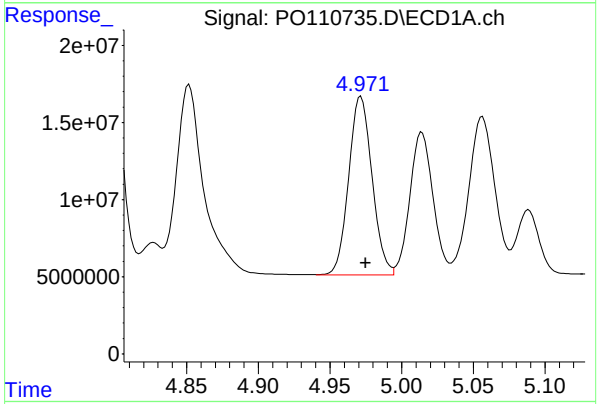
R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 166974371
Conc: 517.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



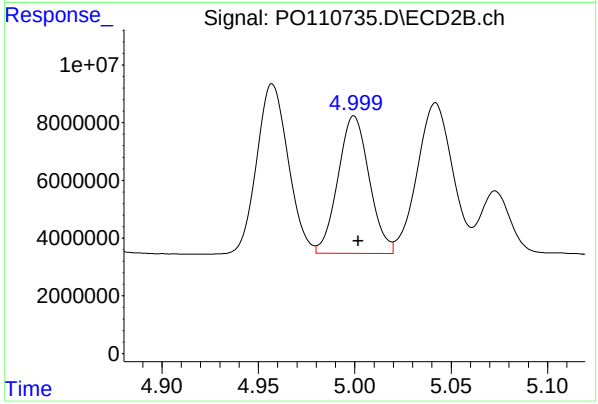
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 66262225
Conc: 488.26 ng/ml



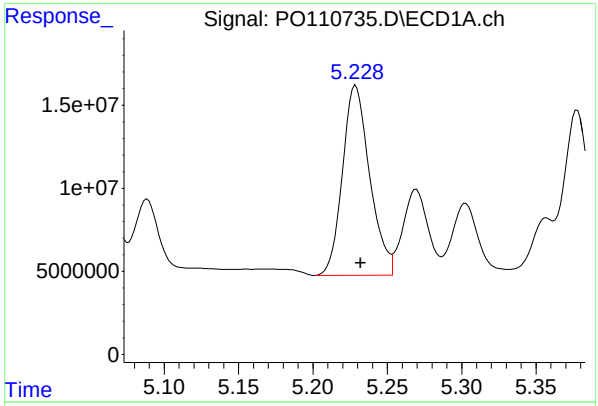
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 131263148
Conc: 526.81 ng/ml



#6 AR-1016-4

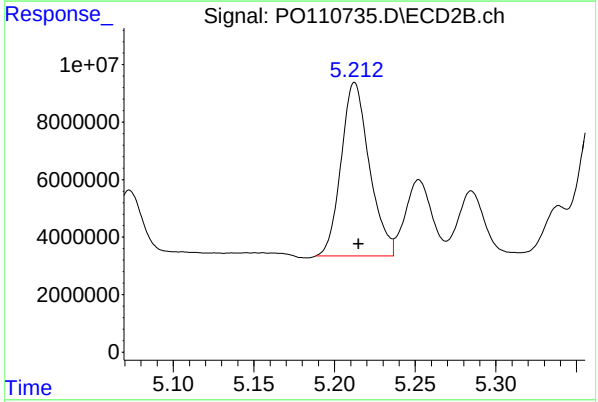
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 53833421
Conc: 470.70 ng/ml



#7 AR-1016-5

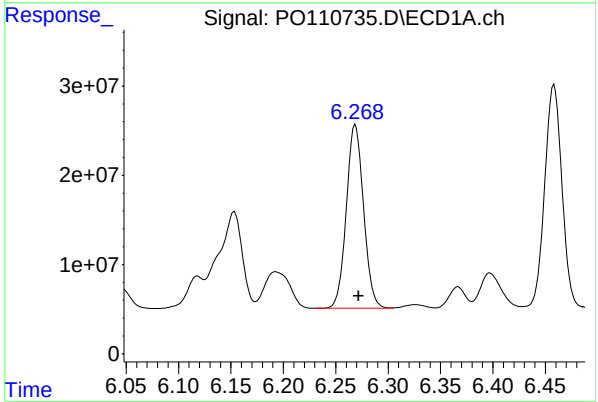
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 145592401
Conc: 541.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



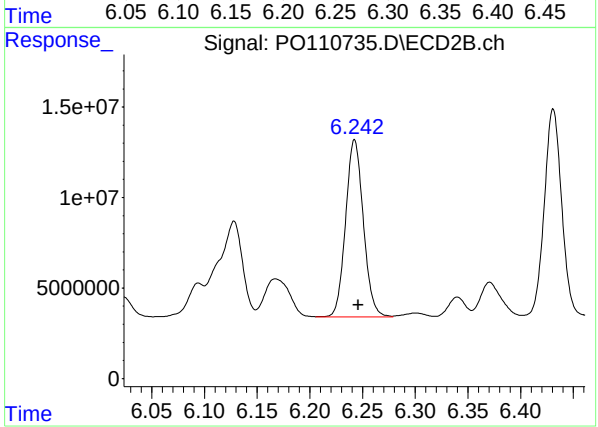
#7 AR-1016-5

R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 73607896
Conc: 493.77 ng/ml



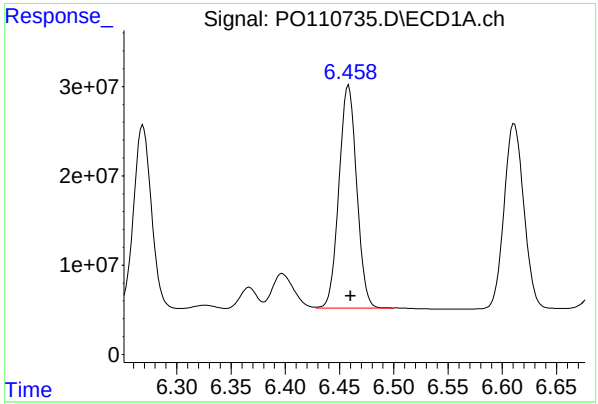
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 234983584
Conc: 497.38 ng/ml



#31 AR-1260-1

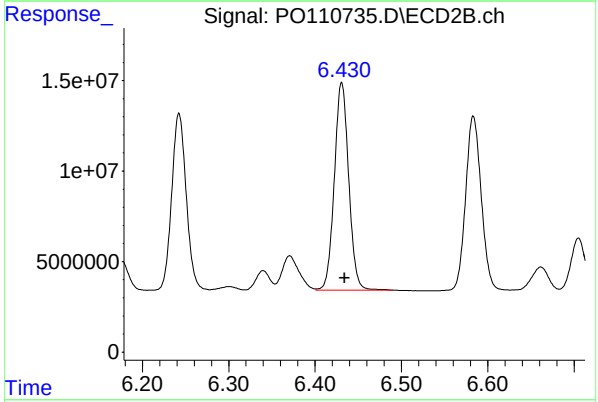
R.T.: 6.242 min
Delta R.T.: -0.003 min
Response: 114435794
Conc: 465.26 ng/ml



#32 AR-1260-2

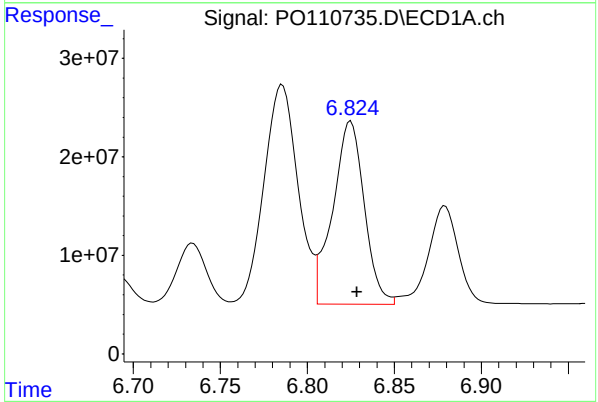
R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 284255142
Conc: 484.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



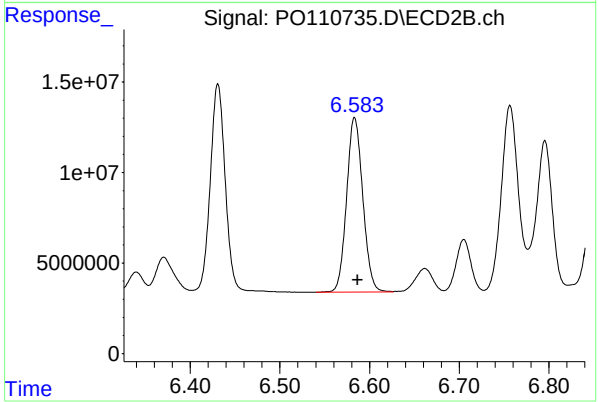
#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 132665724
Conc: 454.72 ng/ml



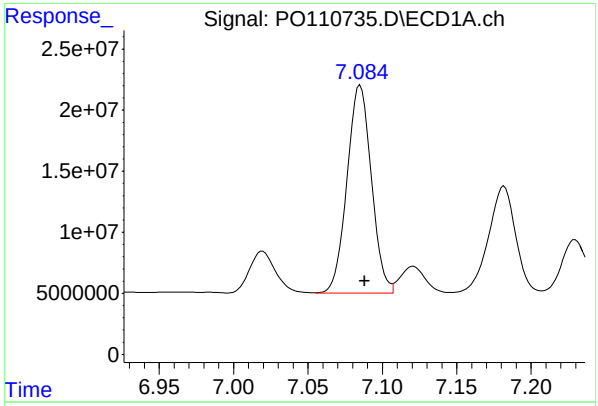
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 234555299
Conc: 475.89 ng/ml



#33 AR-1260-3

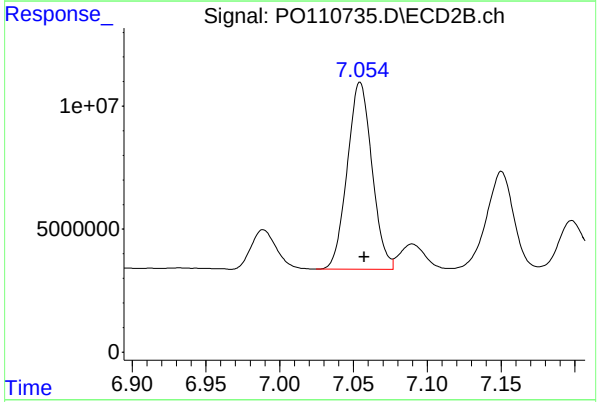
R.T.: 6.583 min
Delta R.T.: -0.003 min
Response: 121150112
Conc: 447.24 ng/ml



#34 AR-1260-4

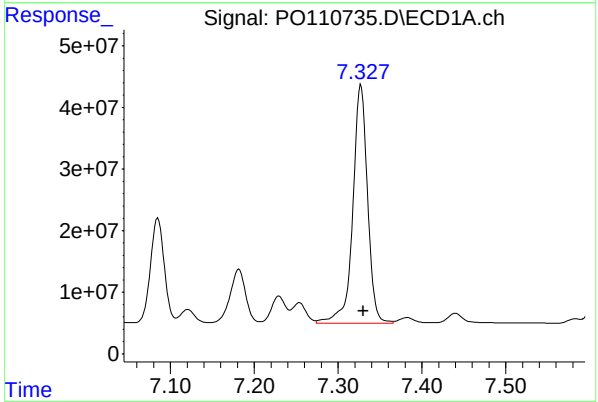
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 194340369
Conc: 457.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



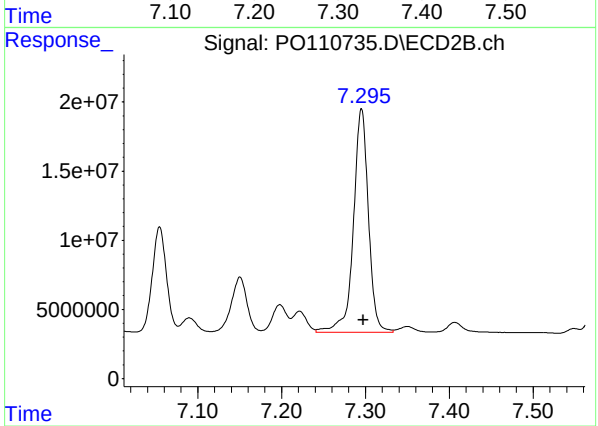
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 88582258
Conc: 441.50 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 473985596
Conc: 454.24 ng/ml



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 201712140
Conc: 439.60 ng/ml

Raw Data: **PO110750.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/25/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 23:07 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.00
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110750.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/25/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 23:07 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL07 **Date Analyzed:** 04/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110750.D **Time Analyzed:** 23:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	592.280	500.000	18.5
Aroclor-1016-2	4.795	4.698	4.898	601.570	500.000	20.3
Aroclor-1016-3	4.852	4.755	4.955	579.250	500.000	15.9
Aroclor-1016-4	4.972	4.875	5.075	591.810	500.000	18.4
Aroclor-1016-5	5.229	5.132	5.332	562.360	500.000	12.5
Aroclor-1260-1	6.269	6.172	6.372	535.110	500.000	7.0
Aroclor-1260-2	6.459	6.360	6.560	502.530	500.000	0.5
Aroclor-1260-3	6.826	6.729	6.929	515.560	500.000	3.1
Aroclor-1260-4	7.086	6.988	7.188	521.290	500.000	4.3
Aroclor-1260-5	7.329	7.230	7.430	497.400	500.000	-0.5
Decachlorobiphenyl	8.729	8.632	8.832	43.050	50.000	-13.9
Tetrachloro-m-xylene	3.687	3.588	3.788	60.850	50.000	21.7

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL07 **Date Analyzed:** 04/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110750.D **Time Analyzed:** 23:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.763	4.666	4.866	566.480	500.000	13.3
Aroclor-1016-2	4.782	4.684	4.884	564.460	500.000	12.9
Aroclor-1016-3	4.957	4.860	5.060	553.640	500.000	10.7
Aroclor-1016-4	5.000	4.902	5.102	463.690	500.000	-7.3
Aroclor-1016-5	5.212	5.115	5.315	541.520	500.000	8.3
Aroclor-1260-1	6.243	6.146	6.346	537.220	500.000	7.4
Aroclor-1260-2	6.431	6.334	6.534	516.220	500.000	3.2
Aroclor-1260-3	6.584	6.487	6.687	497.970	500.000	-0.4
Aroclor-1260-4	7.055	6.957	7.157	487.730	500.000	-2.5
Aroclor-1260-5	7.296	7.197	7.397	482.310	500.000	-3.5
Decachlorobiphenyl	8.681	8.584	8.784	46.320	50.000	-7.4
Tetrachloro-m-xylene	3.684	3.586	3.786	58.410	50.000	16.8

Quantitation Report (QT Reviewed)

Sample Results: **PO110750.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 23:07
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:31:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	532.4E6	291.4E6	60.851	58.407
2)	SA Decachlor...	8.729	8.681	339.8E6	89165623	43.046	46.320
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.763	194.4E6	99423445	592.280	566.485
4)	L1 AR-1016-2	4.795	4.782	273.7E6	141.9E6	601.572	564.457
5)	L1 AR-1016-3	4.852	4.957	186.8E6	75134484	579.251	553.636
6)	L1 AR-1016-4	4.972	5.000	147.5E6	53031667	591.812	463.694
7)	L1 AR-1016-5	5.229	5.212	151.3E6	80726160	562.362m	541.518m
31)	L7 AR-1260-1	6.269	6.243	252.8E6	132.1E6	535.111	537.220
32)	L7 AR-1260-2	6.459	6.431	294.7E6	150.6E6	502.527	516.221
33)	L7 AR-1260-3	6.826	6.584	254.1E6	134.9E6	515.560	497.968
34)	L7 AR-1260-4	7.086	7.055	221.2E6	97857579	521.290	487.727
35)	L7 AR-1260-5	7.329	7.296	519.0E6	221.3E6	497.398	482.315

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 23:07
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 98 Sample Multiplier: 1

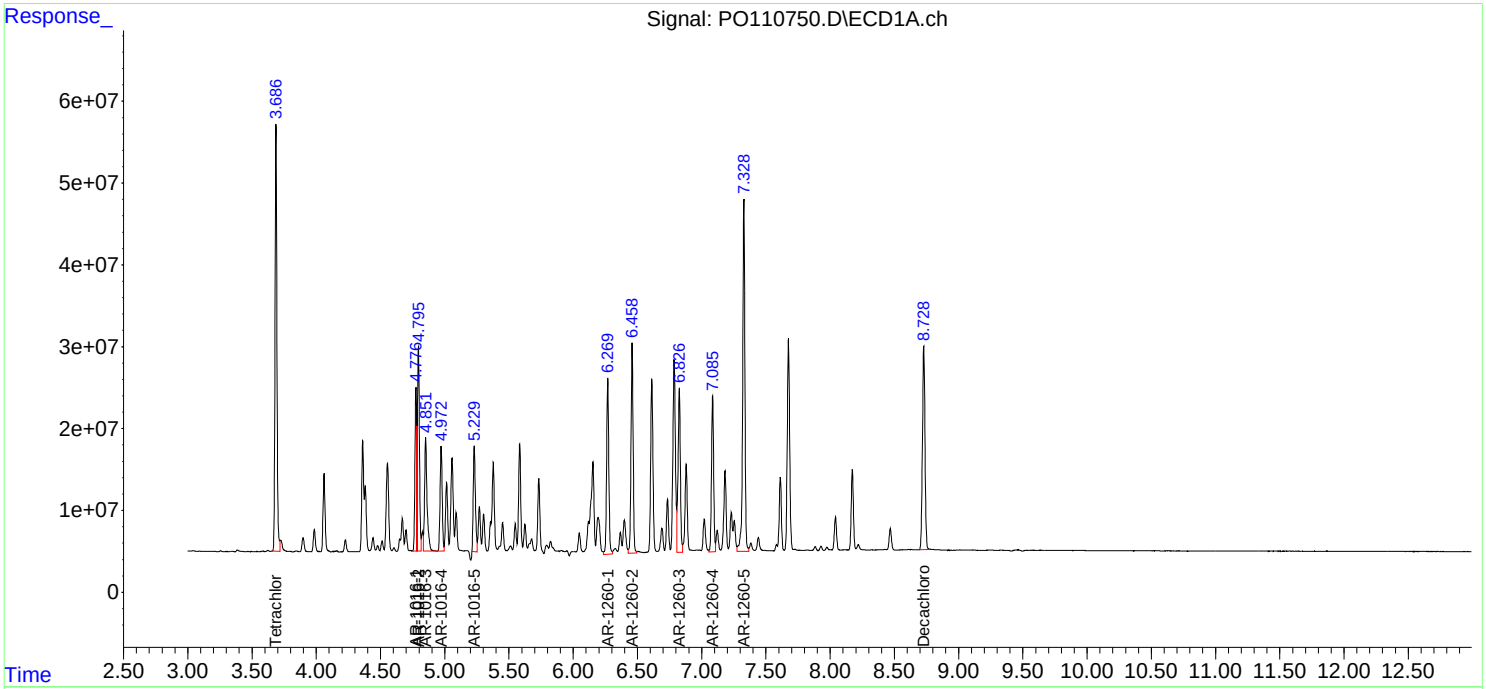
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

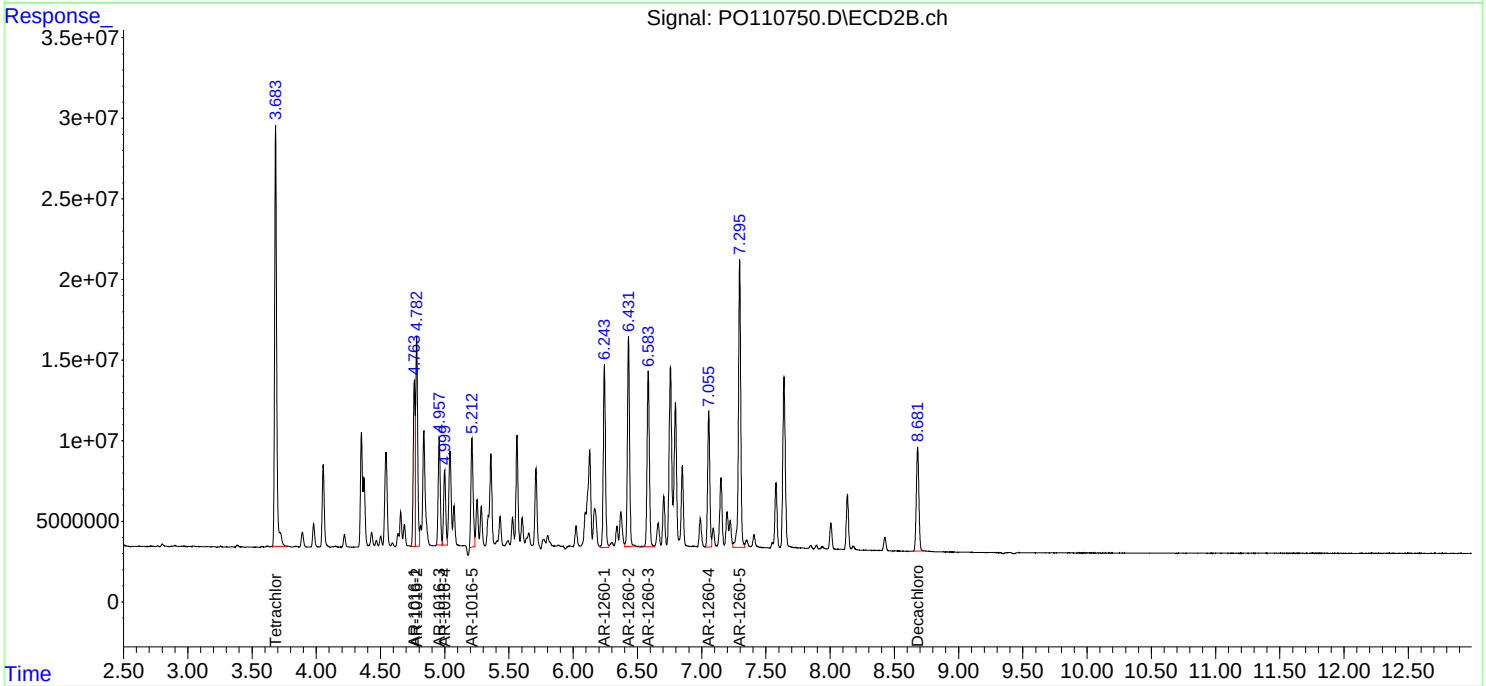
Manual Integrations APPROVED

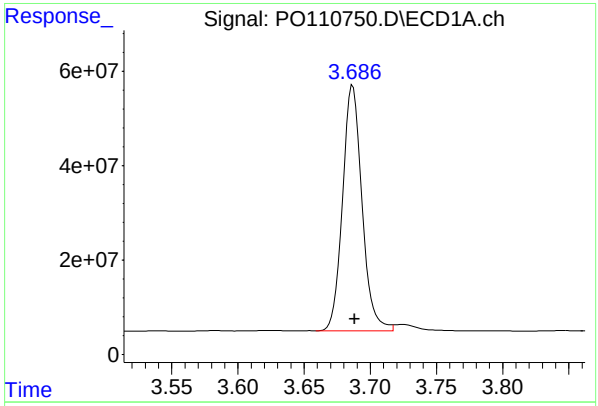
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:31:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







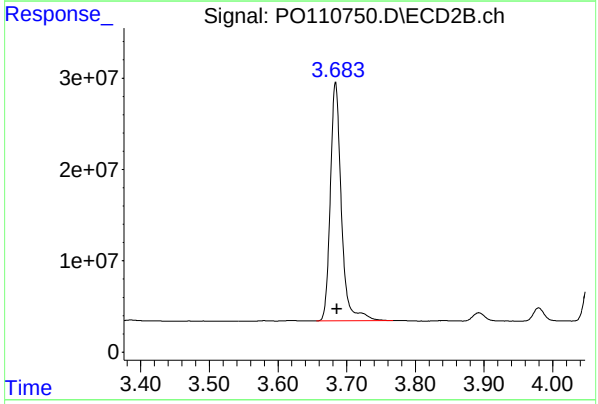
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 532388643
Conc: 60.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

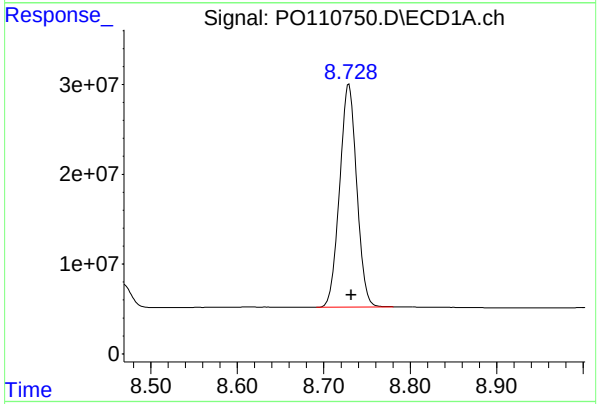
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



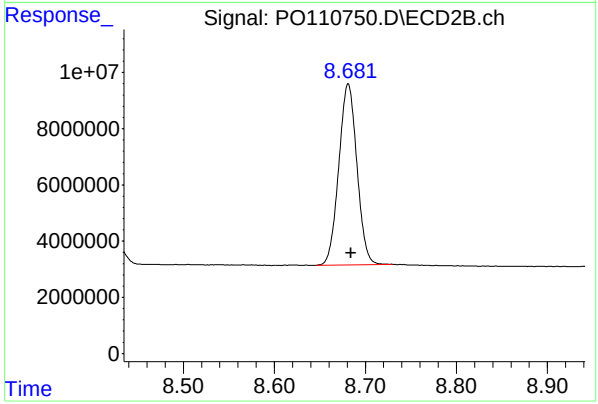
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 291439943
Conc: 58.41 ng/ml



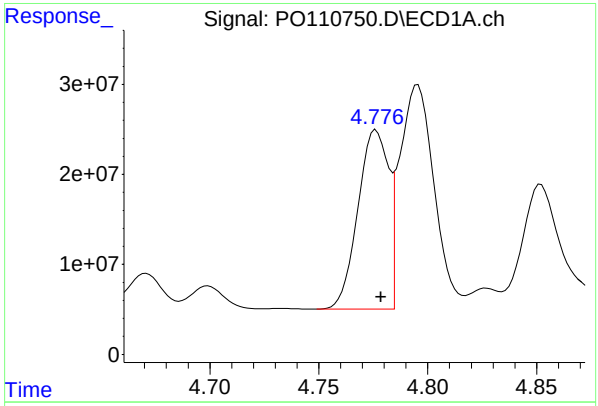
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 339848291
Conc: 43.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.681 min
Delta R.T.: -0.003 min
Response: 89165623
Conc: 46.32 ng/ml



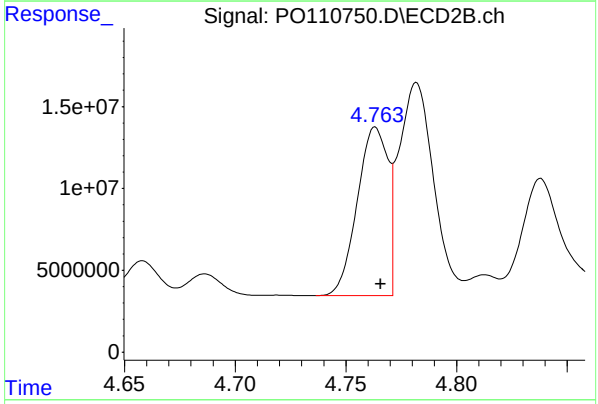
#3 AR-1016-1

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 194352826
Conc: 592.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

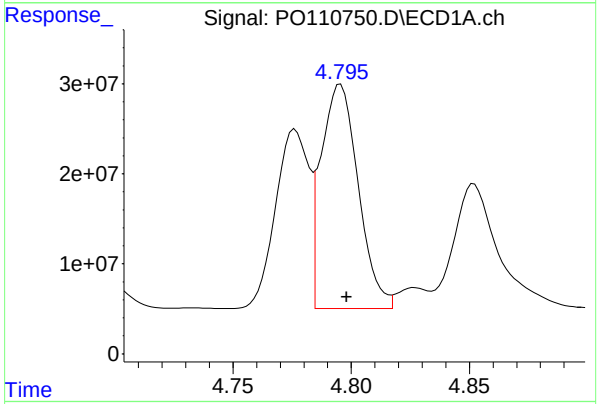
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



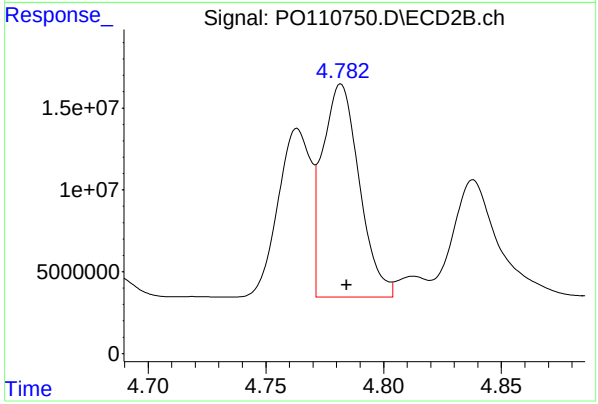
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 99423445
Conc: 566.48 ng/ml



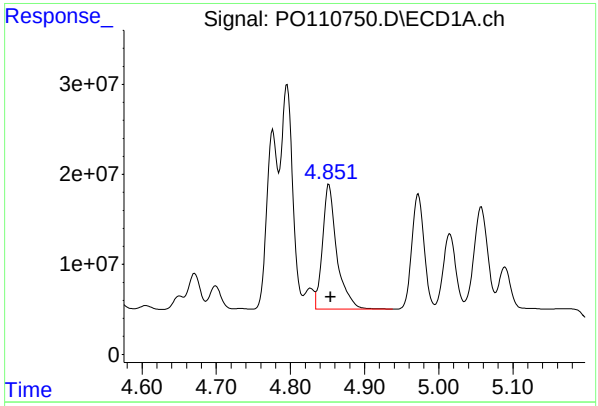
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 273684310
Conc: 601.57 ng/ml



#4 AR-1016-2

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 141941258
Conc: 564.46 ng/ml



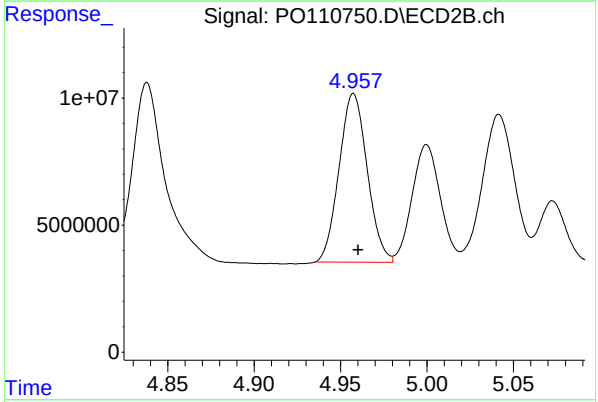
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 186824514
Conc: 579.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

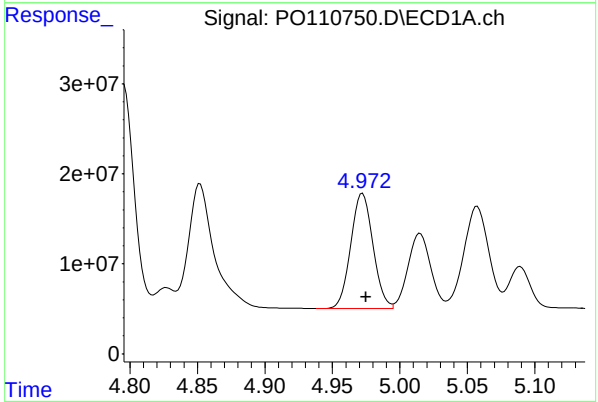
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



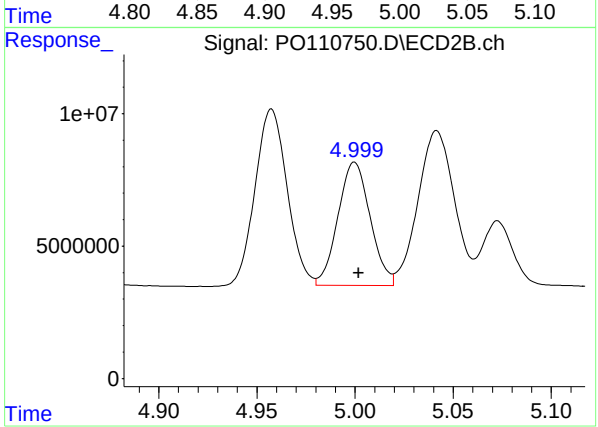
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 75134484
Conc: 553.64 ng/ml



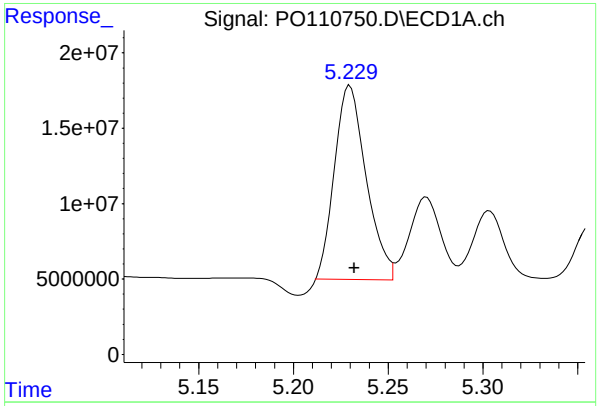
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 147458462
Conc: 591.81 ng/ml



#6 AR-1016-4

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 53031667
Conc: 463.69 ng/ml



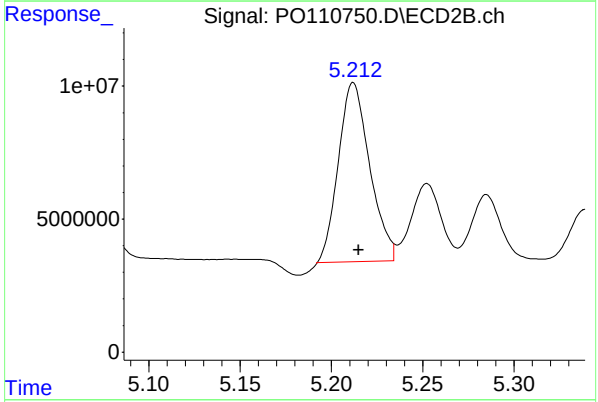
#7 AR-1016-5

R.T.: 5.229 min
Delta R.T.: -0.003 mi
Response: 151281915
Conc: 562.36 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

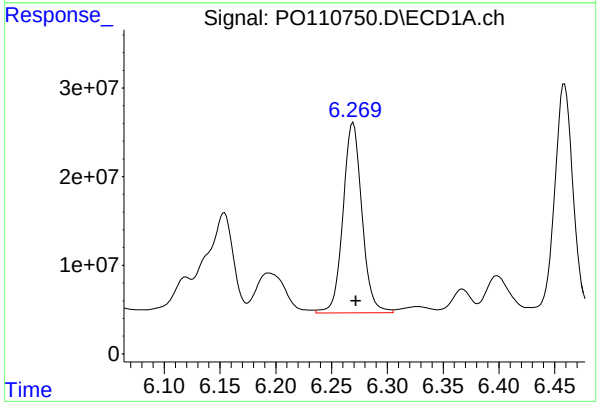
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



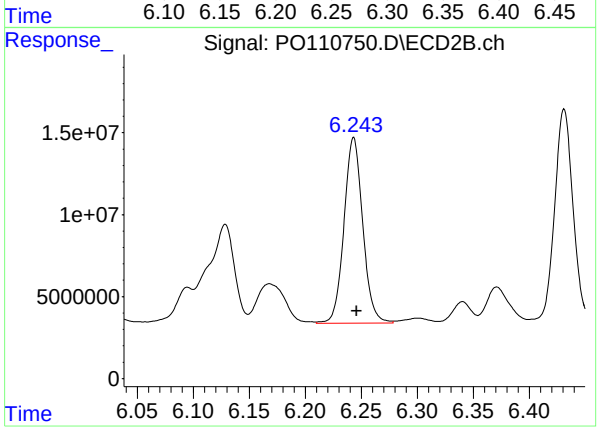
#7 AR-1016-5

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 80726160
Conc: 541.52 ng/ml m



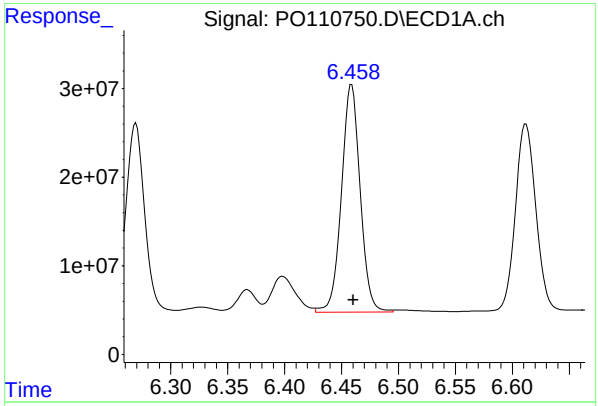
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 252810706
Conc: 535.11 ng/ml



#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 132136581
Conc: 537.22 ng/ml



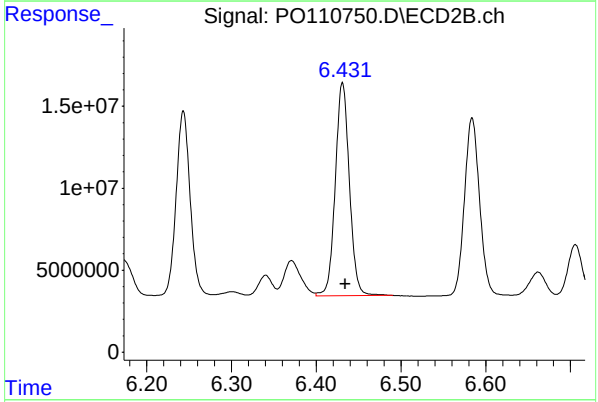
#32 AR-1260-2

R.T.: 6.459 min
Delta R.T.: -0.001 min
Response: 294694106
Conc: 502.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

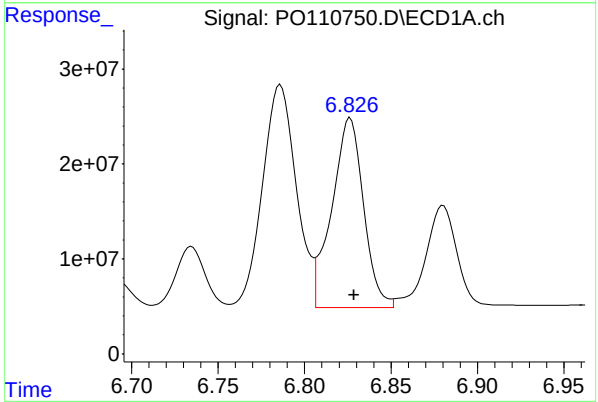
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



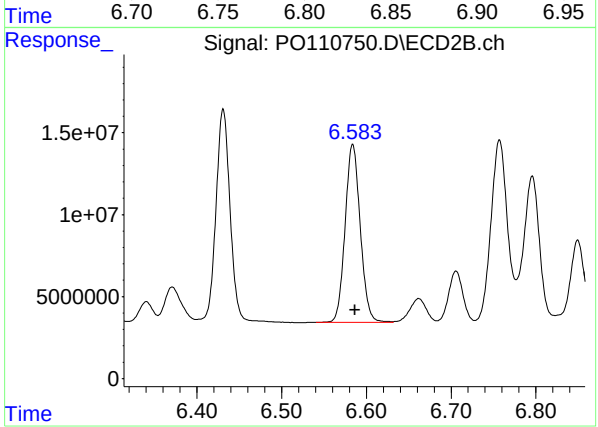
#32 AR-1260-2

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 150608016
Conc: 516.22 ng/ml



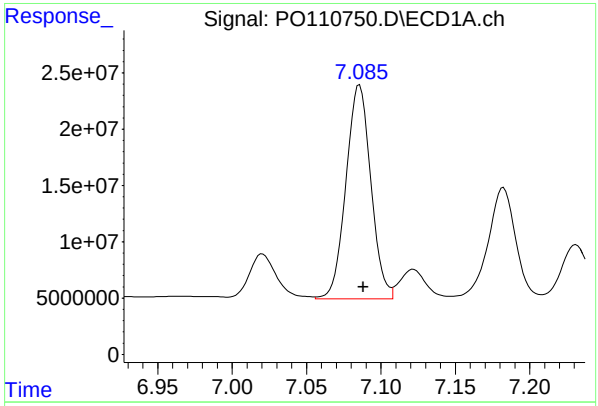
#33 AR-1260-3

R.T.: 6.826 min
Delta R.T.: -0.002 min
Response: 254105534
Conc: 515.56 ng/ml



#33 AR-1260-3

R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: 134891627
Conc: 497.97 ng/ml



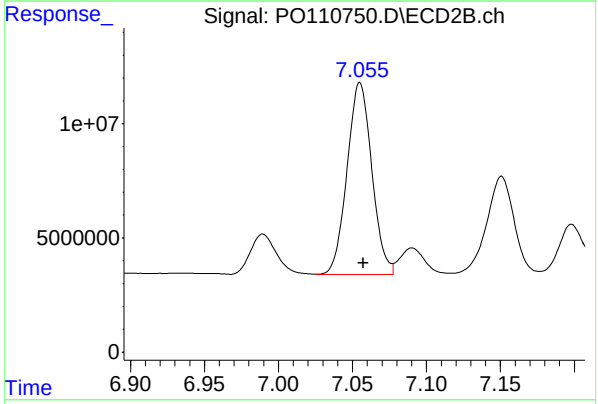
#34 AR-1260-4

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 221247440
Conc: 521.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

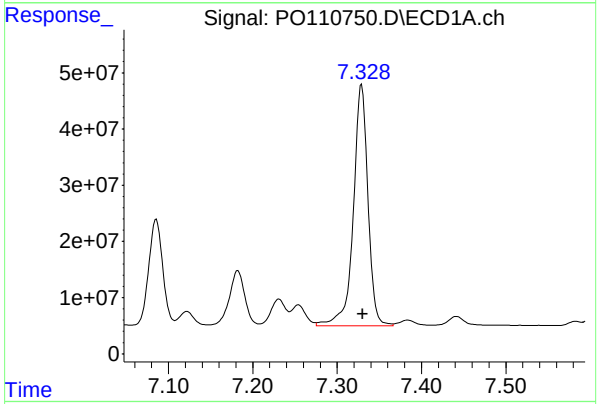
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



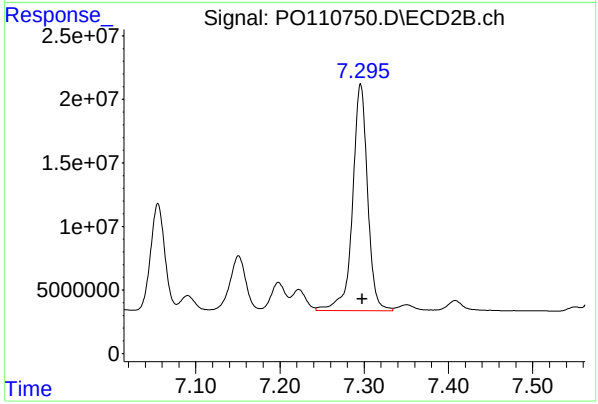
#34 AR-1260-4

R.T.: 7.055 min
Delta R.T.: -0.002 min
Response: 97857579
Conc: 487.73 ng/ml



#35 AR-1260-5

R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 519020686
Conc: 497.40 ng/ml



#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 221313747
Conc: 482.31 ng/ml

Raw Data: **PO110765.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/26/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 05:02 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.00
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110765.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/26/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 05:02 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.59	6.59	6.49	6.69	0.00
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.00
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL08 **Date Analyzed:** 04/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110765.D **Time Analyzed:** 05:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.777	4.679	4.879	547.010	500.000	9.4
Aroclor-1016-2	4.796	4.698	4.898	548.410	500.000	9.7
Aroclor-1016-3	4.853	4.755	4.955	532.670	500.000	6.5
Aroclor-1016-4	4.973	4.875	5.075	545.810	500.000	9.2
Aroclor-1016-5	5.230	5.132	5.332	572.870	500.000	14.6
Aroclor-1260-1	6.270	6.172	6.372	532.990	500.000	6.6
Aroclor-1260-2	6.459	6.360	6.560	513.020	500.000	2.6
Aroclor-1260-3	6.826	6.729	6.929	509.410	500.000	1.9
Aroclor-1260-4	7.086	6.988	7.188	492.120	500.000	-1.6
Aroclor-1260-5	7.328	7.230	7.430	475.800	500.000	-4.8
Decachlorobiphenyl	8.729	8.632	8.832	42.700	50.000	-14.6
Tetrachloro-m-xylene	3.687	3.588	3.788	54.780	50.000	9.6

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CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL08 **Date Analyzed:** 04/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110765.D **Time Analyzed:** 05:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.764	4.666	4.866	508.470	500.000	1.7
Aroclor-1016-2	4.783	4.684	4.884	511.570	500.000	2.3
Aroclor-1016-3	4.958	4.860	5.060	498.960	500.000	-0.2
Aroclor-1016-4	5.000	4.902	5.102	472.650	500.000	-5.5
Aroclor-1016-5	5.213	5.115	5.315	521.480	500.000	4.3
Aroclor-1260-1	6.244	6.146	6.346	492.430	500.000	-1.5
Aroclor-1260-2	6.432	6.334	6.534	480.940	500.000	-3.8
Aroclor-1260-3	6.585	6.487	6.687	477.240	500.000	-4.6
Aroclor-1260-4	7.056	6.957	7.157	469.790	500.000	-6.0
Aroclor-1260-5	7.296	7.197	7.397	471.610	500.000	-5.7
Decachlorobiphenyl	8.682	8.584	8.784	43.510	50.000	-13.0
Tetrachloro-m-xylene	3.685	3.586	3.786	52.590	50.000	5.2

Quantitation Report (QT Reviewed)

Sample Results: **PO110765.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2025 05:02
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 07:38:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.685	479.3E6	262.4E6	54.783	52.593
2)	SA Decachlor...	8.729	8.682	337.1E6	83752773	42.698	43.508
	Target Compounds						
3)	L1 AR-1016-1	4.777	4.764	179.5E6	89240499	547.008	508.465
4)	L1 AR-1016-2	4.796	4.783	249.5E6	128.6E6	548.414	511.566
5)	L1 AR-1016-3	4.853	4.958	171.8E6	67714876	532.674	498.964
6)	L1 AR-1016-4	4.973	5.000	136.0E6	54055508	545.807	472.646
7)	L1 AR-1016-5	5.230	5.213	154.1E6	77739700	572.866	521.484
31)	L7 AR-1260-1	6.270	6.244	251.8E6	121.1E6	532.990	492.434
32)	L7 AR-1260-2	6.459	6.432	300.8E6	140.3E6	513.016	480.935
33)	L7 AR-1260-3	6.826	6.585	251.1E6	129.3E6	509.411	477.244
34)	L7 AR-1260-4	7.086	7.056	208.9E6	94258897	492.123	469.791
35)	L7 AR-1260-5	7.328	7.296	496.5E6	216.4E6	475.801	471.609

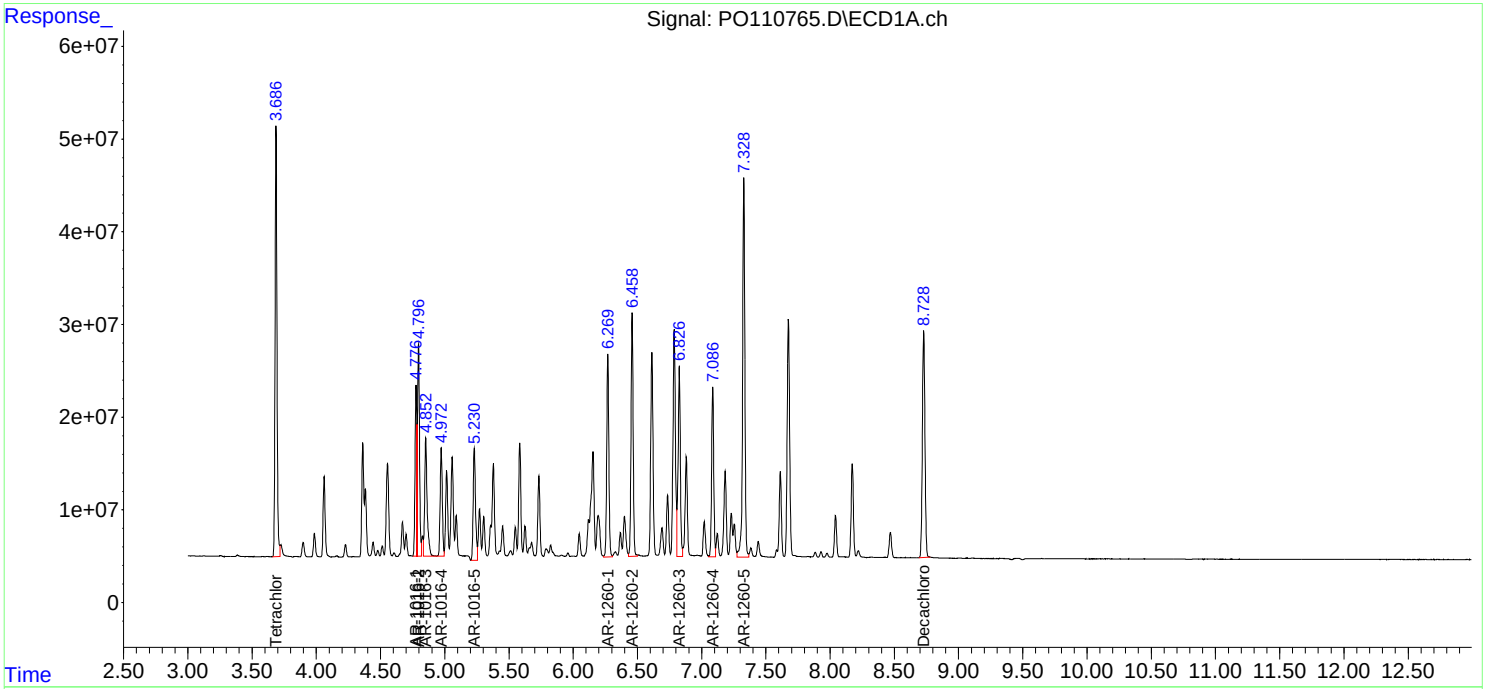
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

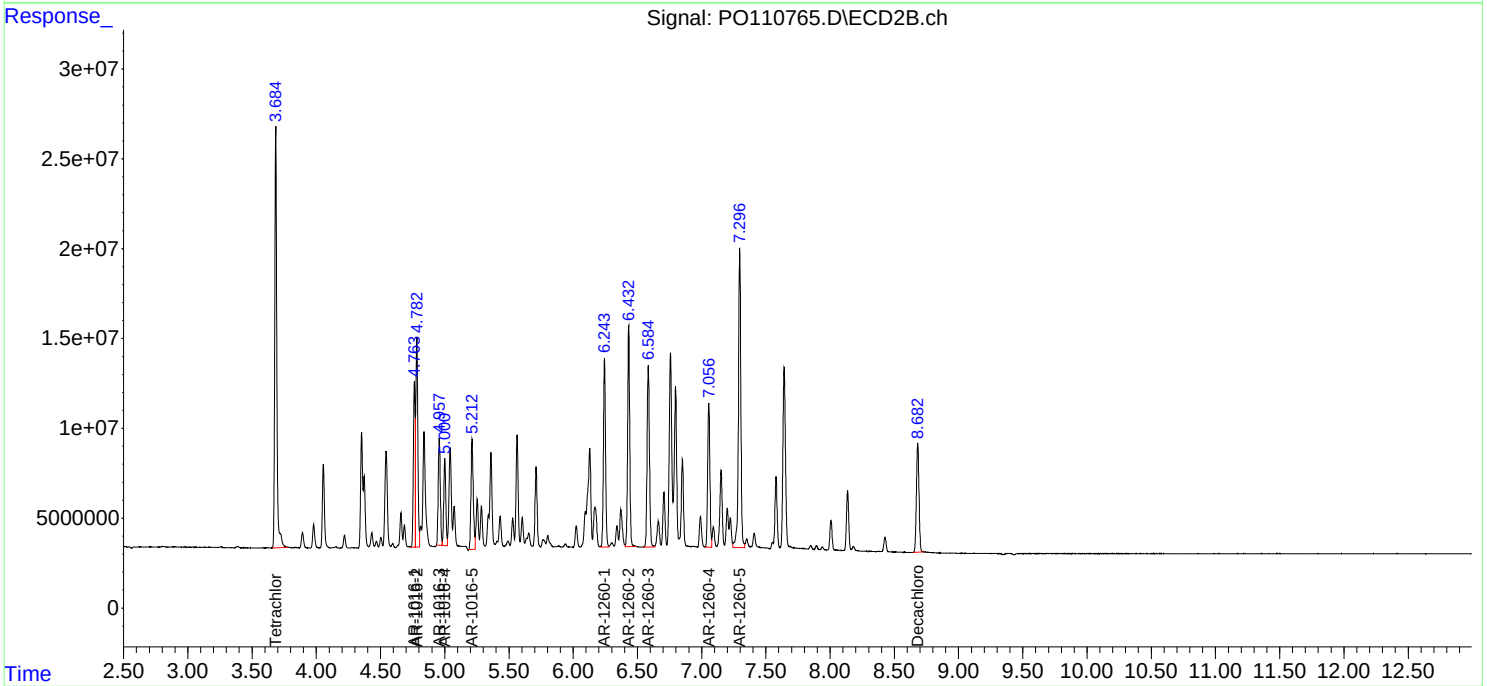
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2025 05:02
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

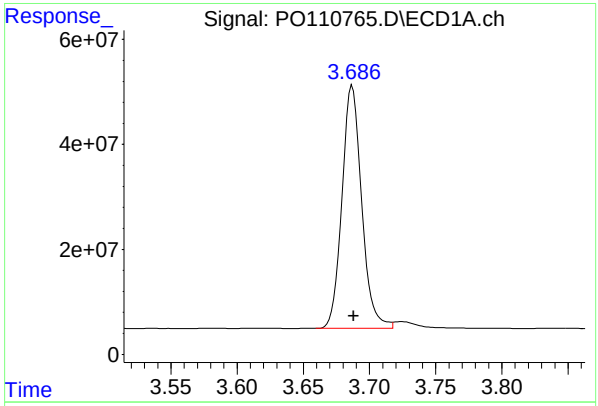
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 07:38:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



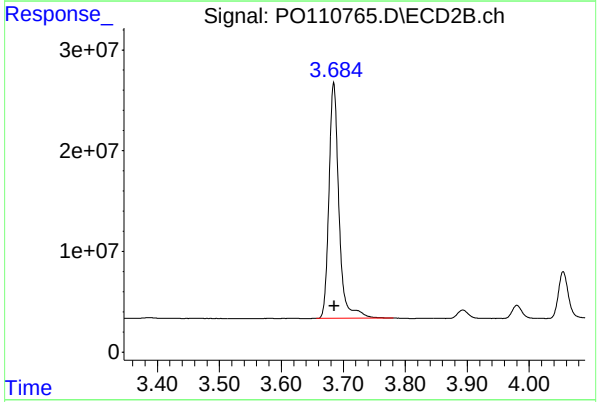




#1 Tetrachloro-m-xylene

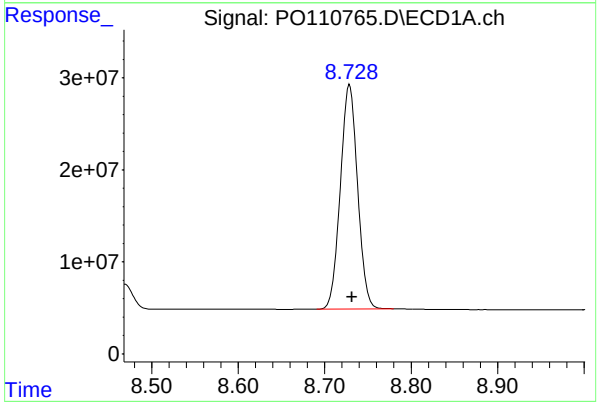
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 479300074
Conc: 54.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



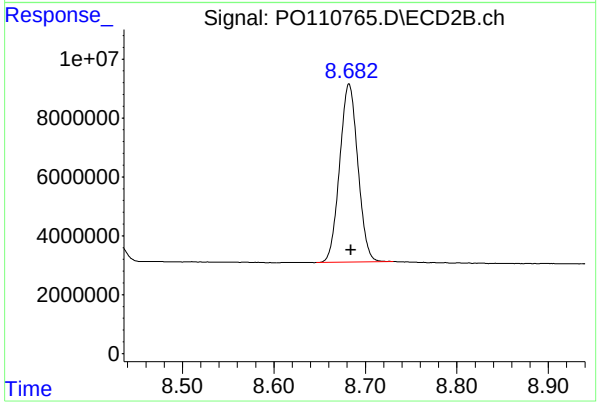
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.001 min
Response: 262428914
Conc: 52.59 ng/ml



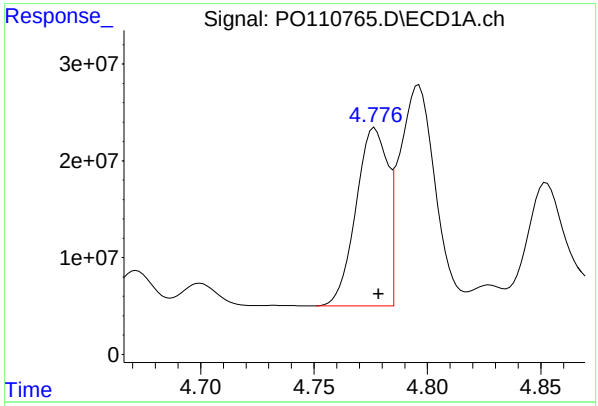
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 337097862
Conc: 42.70 ng/ml



#2 Decachlorobiphenyl

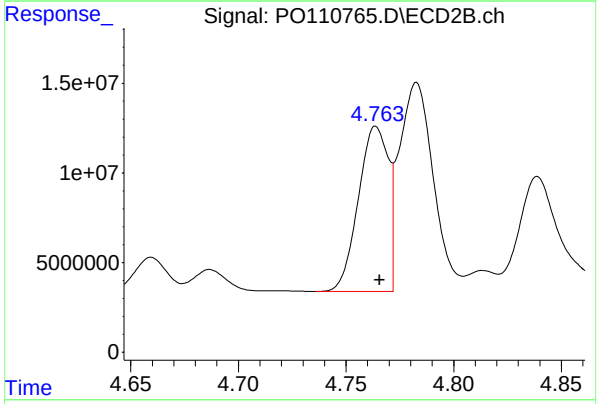
R.T.: 8.682 min
Delta R.T.: -0.002 min
Response: 83752773
Conc: 43.51 ng/ml



#3 AR-1016-1

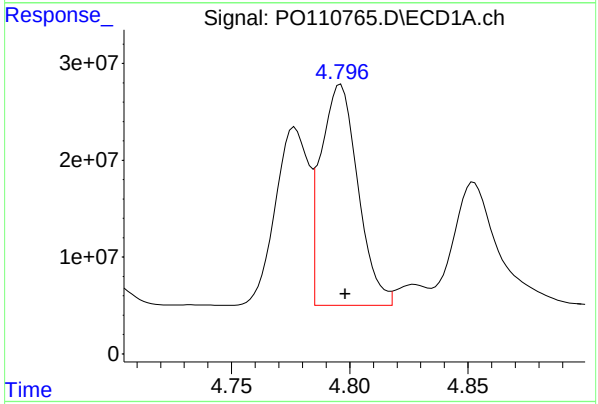
R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 179497131
Conc: 547.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



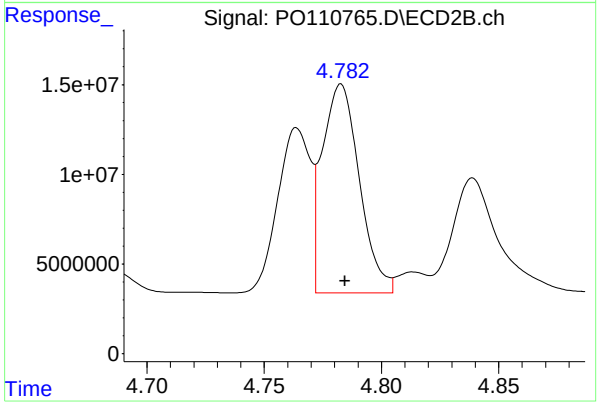
#3 AR-1016-1

R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 89240499
Conc: 508.47 ng/ml



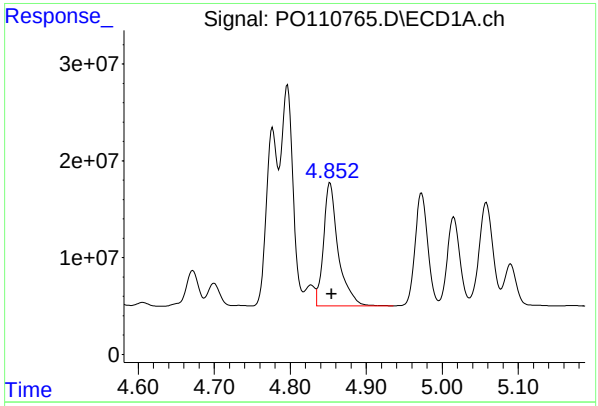
#4 AR-1016-2

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 249499795
Conc: 548.41 ng/ml



#4 AR-1016-2

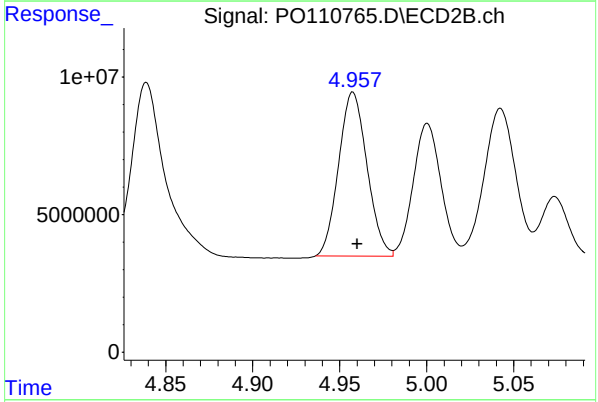
R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 128640967
Conc: 511.57 ng/ml



#5 AR-1016-3

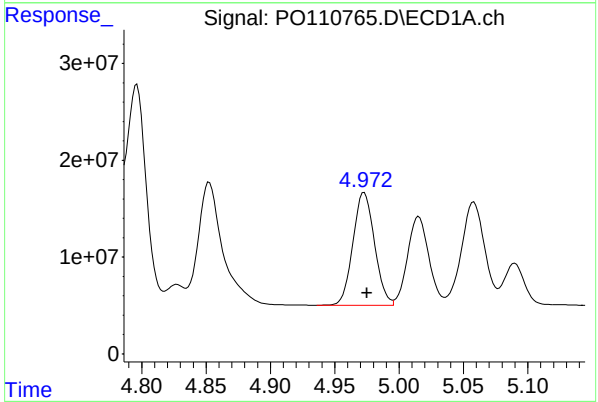
R.T.: 4.853 min
Delta R.T.: -0.002 mi
Response: 171801932
Conc: 532.67 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



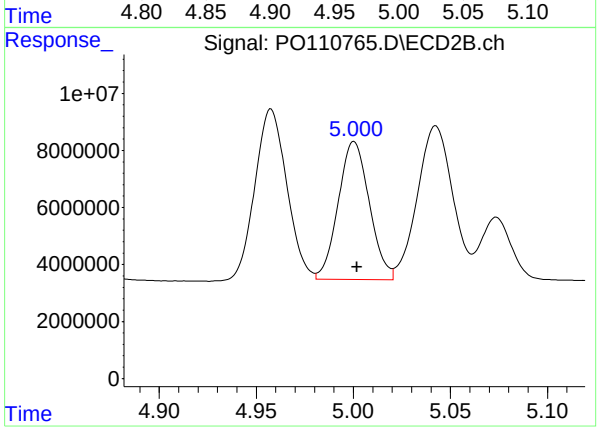
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.003 min
Response: 67714876
Conc: 498.96 ng/ml



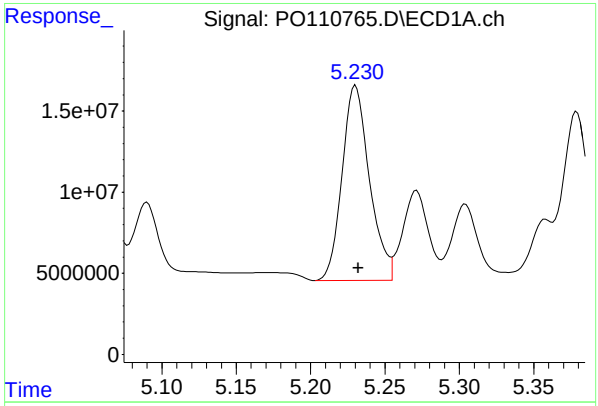
#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 135995625
Conc: 545.81 ng/ml



#6 AR-1016-4

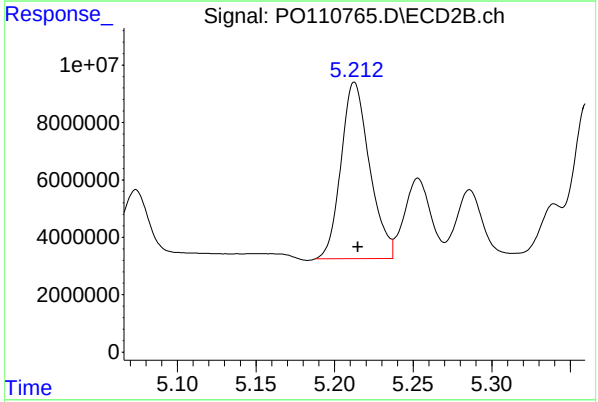
R.T.: 5.000 min
Delta R.T.: -0.001 min
Response: 54055508
Conc: 472.65 ng/ml



#7 AR-1016-5

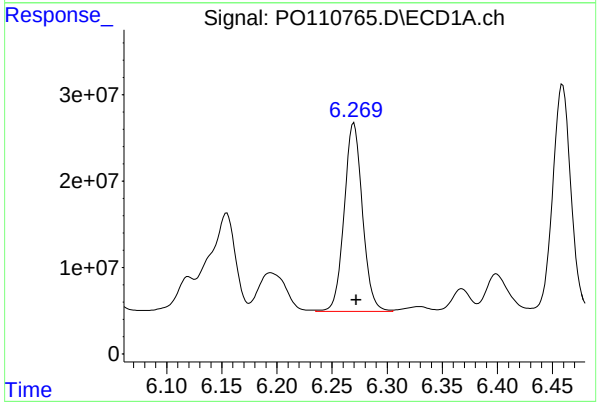
R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 154107713
Conc: 572.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



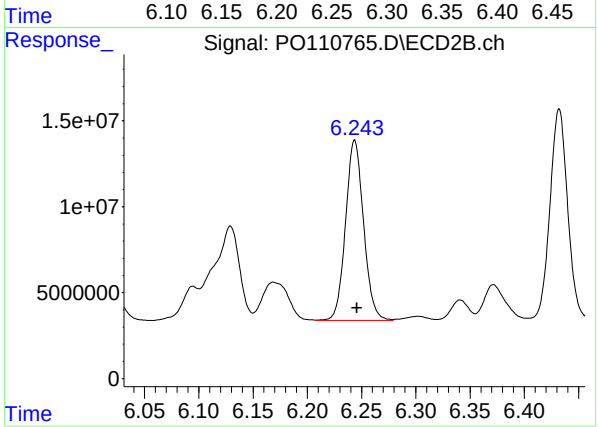
#7 AR-1016-5

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 77739700
Conc: 521.48 ng/ml



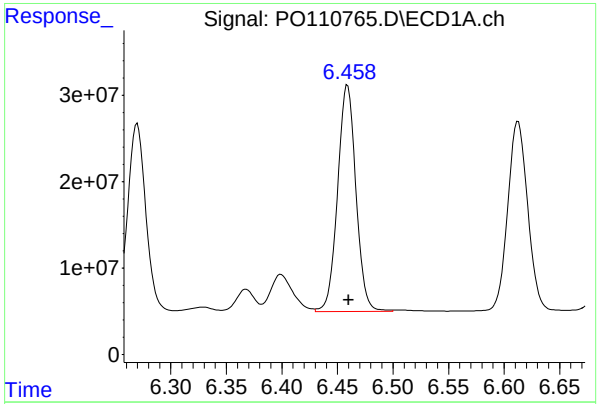
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 251808393
Conc: 532.99 ng/ml



#31 AR-1260-1

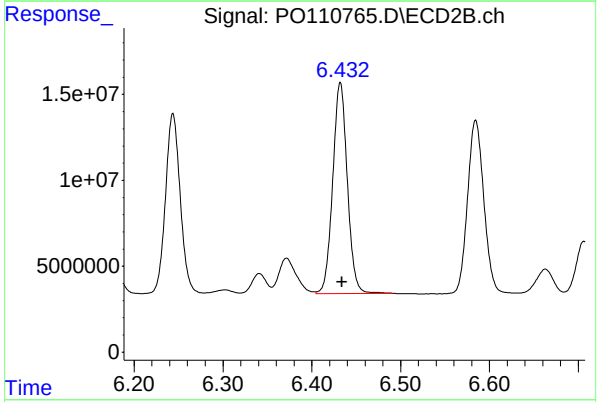
R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 121120801
Conc: 492.43 ng/ml



#32 AR-1260-2

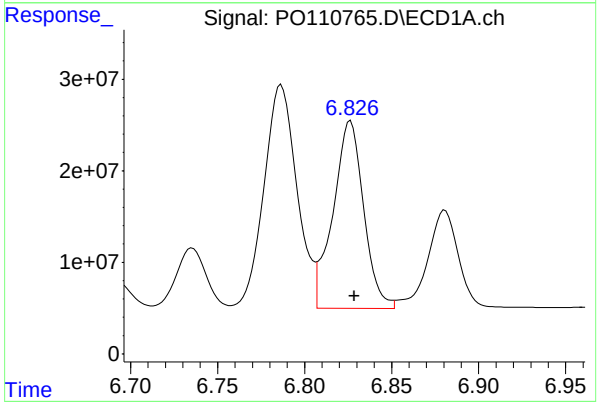
R.T.: 6.459 min
Delta R.T.: -0.001 min
Response: 300845082
Conc: 513.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



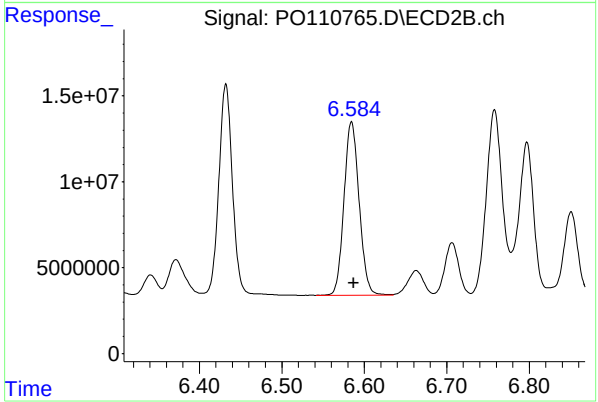
#32 AR-1260-2

R.T.: 6.432 min
Delta R.T.: -0.002 min
Response: 140313267
Conc: 480.94 ng/ml



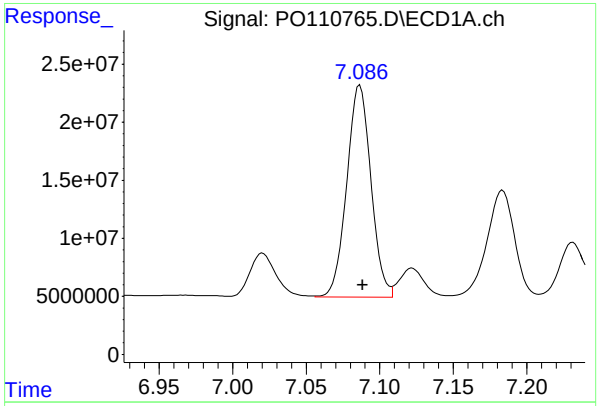
#33 AR-1260-3

R.T.: 6.826 min
Delta R.T.: -0.002 min
Response: 251074682
Conc: 509.41 ng/ml



#33 AR-1260-3

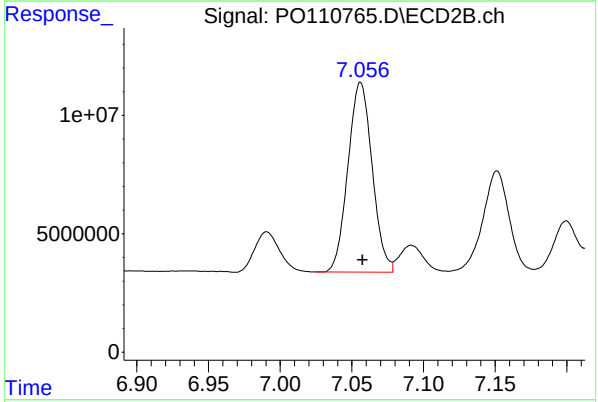
R.T.: 6.585 min
Delta R.T.: -0.002 min
Response: 129277753
Conc: 477.24 ng/ml



#34 AR-1260-4

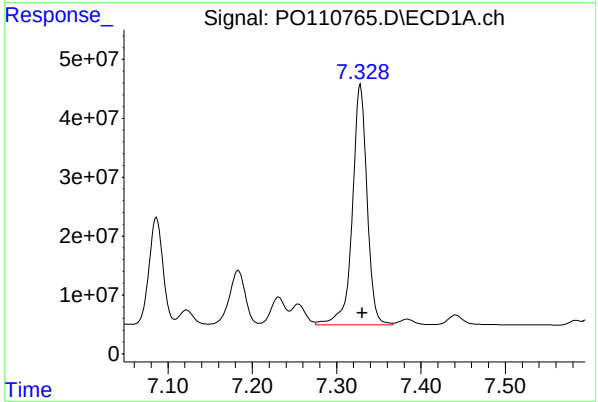
R.T.: 7.086 min
Delta R.T.: -0.002 min
Response: 208868507
Conc: 492.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



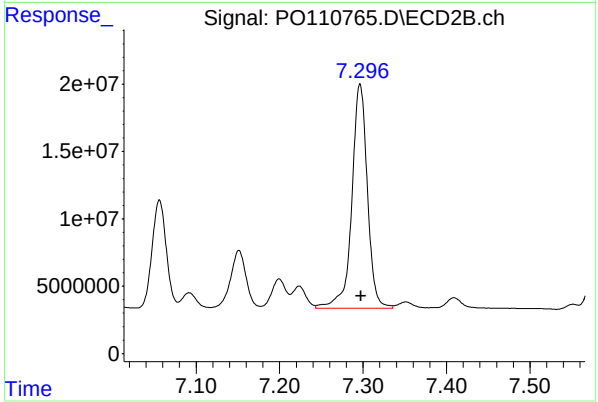
#34 AR-1260-4

R.T.: 7.056 min
Delta R.T.: -0.001 min
Response: 94258897
Conc: 469.79 ng/ml



#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 496484913
Conc: 475.80 ng/ml



#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.001 min
Response: 216401324
Conc: 471.61 ng/ml

Raw Data: **PO110783.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 08:50 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.82	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.08	7.09	6.99	7.19	0.01
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110783.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 08:50 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL09 **Date Analyzed:** 04/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110783.D **Time Analyzed:** 08:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	585.950	500.000	17.2
Aroclor-1016-2	4.795	4.698	4.898	597.980	500.000	19.6
Aroclor-1016-3	4.851	4.755	4.955	577.510	500.000	15.5
Aroclor-1016-4	4.971	4.875	5.075	590.620	500.000	18.1
Aroclor-1016-5	5.228	5.132	5.332	580.930	500.000	16.2
Aroclor-1260-1	6.268	6.172	6.372	563.280	500.000	12.7
Aroclor-1260-2	6.457	6.360	6.560	544.360	500.000	8.9
Aroclor-1260-3	6.824	6.729	6.929	541.920	500.000	8.4
Aroclor-1260-4	7.083	6.988	7.188	530.580	500.000	6.1
Aroclor-1260-5	7.326	7.230	7.430	539.380	500.000	7.9
Decachlorobiphenyl	8.727	8.632	8.832	47.350	50.000	-5.3
Tetrachloro-m-xylene	3.686	3.588	3.788	60.140	50.000	20.3

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL09 **Date Analyzed:** 04/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110783.D **Time Analyzed:** 08:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	532.110	500.000	6.4
Aroclor-1016-2	4.781	4.684	4.884	533.020	500.000	6.6
Aroclor-1016-3	4.956	4.860	5.060	520.740	500.000	4.1
Aroclor-1016-4	4.998	4.902	5.102	513.870	500.000	2.8
Aroclor-1016-5	5.211	5.115	5.315	514.310	500.000	2.9
Aroclor-1260-1	6.241	6.146	6.346	511.960	500.000	2.4
Aroclor-1260-2	6.429	6.334	6.534	502.140	500.000	0.4
Aroclor-1260-3	6.582	6.487	6.687	498.290	500.000	-0.3
Aroclor-1260-4	7.053	6.957	7.157	495.070	500.000	-1.0
Aroclor-1260-5	7.293	7.197	7.397	490.000	500.000	-2.0
Decachlorobiphenyl	8.679	8.584	8.784	46.180	50.000	-7.6
Tetrachloro-m-xylene	3.683	3.586	3.786	55.420	50.000	10.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110783.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 08:50
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:49:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	526.2E6	276.6E6	60.141	55.424
2)	SA Decachlor...	8.727	8.679	373.8E6	88901151	47.351	46.183
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.762	192.3E6	93390143	585.952	532.109
4)	L1 AR-1016-2	4.795	4.781	272.0E6	134.0E6	597.980	533.018
5)	L1 AR-1016-3	4.851	4.956	186.3E6	70669696	577.513	520.737
6)	L1 AR-1016-4	4.971	4.998	147.2E6	58769944	590.619	513.868
7)	L1 AR-1016-5	5.228	5.211	156.3E6	76670729	580.926	514.314
31)	L7 AR-1260-1	6.268	6.241	266.1E6	125.9E6	563.275	511.956
32)	L7 AR-1260-2	6.457	6.429	319.2E6	146.5E6	544.356	502.142
33)	L7 AR-1260-3	6.824	6.582	267.1E6	135.0E6	541.922	498.288
34)	L7 AR-1260-4	7.083	7.053	225.2E6	99331635	530.578	495.074
35)	L7 AR-1260-5	7.326	7.293	562.8E6	224.8E6	539.382	489.997

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

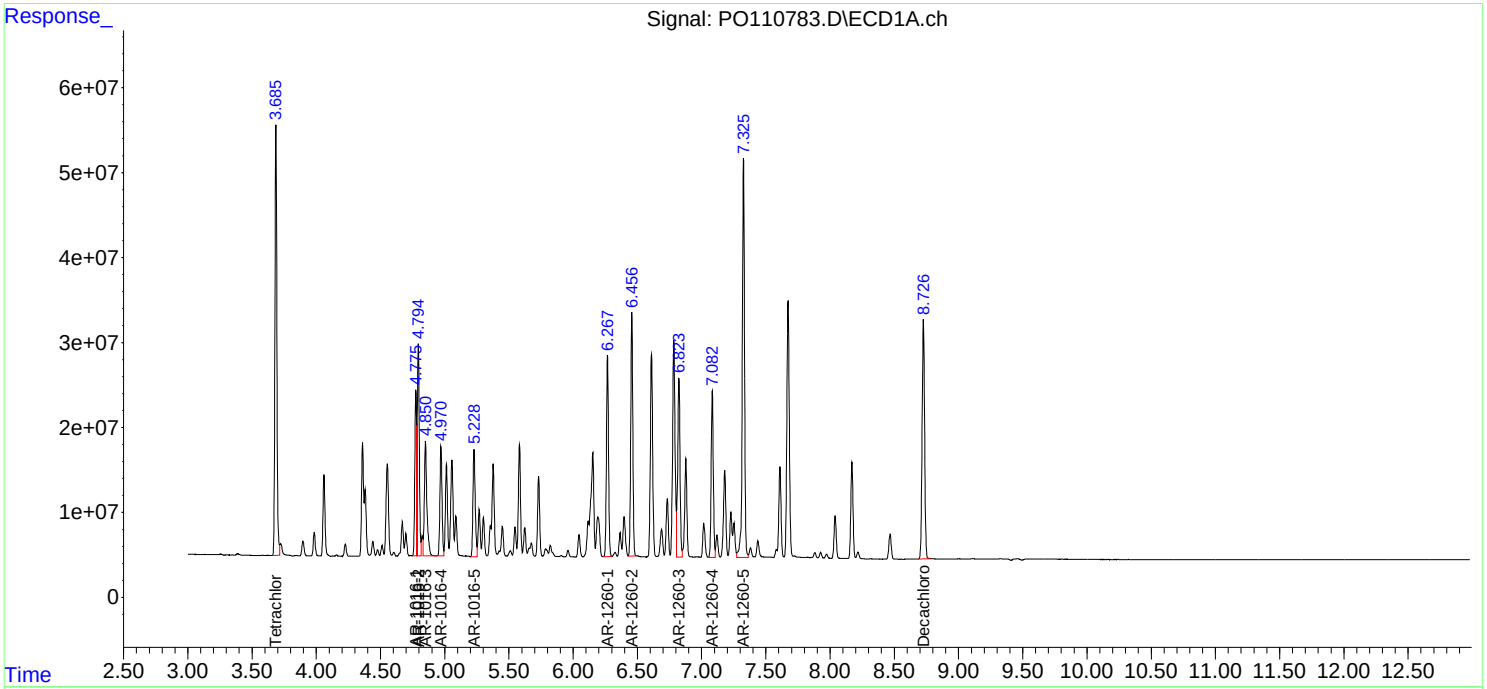
Sample Results: **PO110783.D**

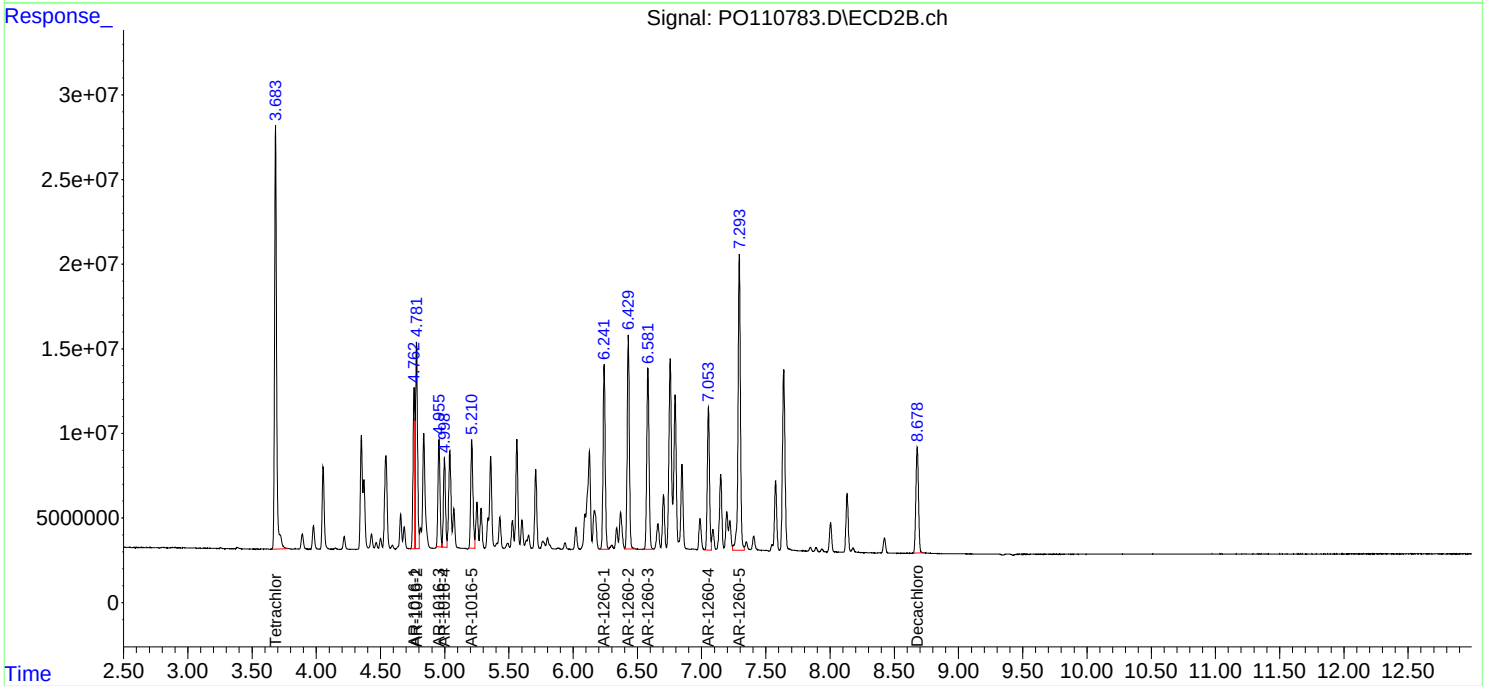
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110783.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 08:50
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

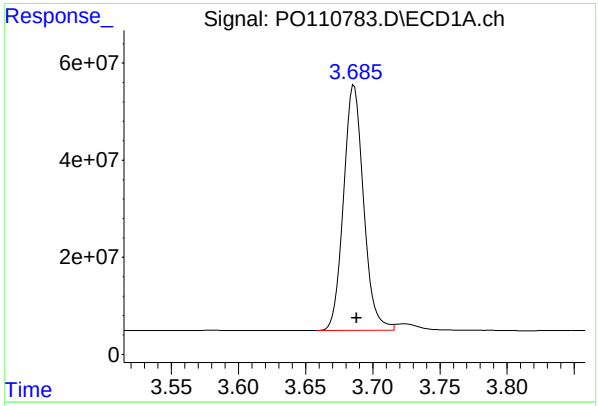
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:49:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



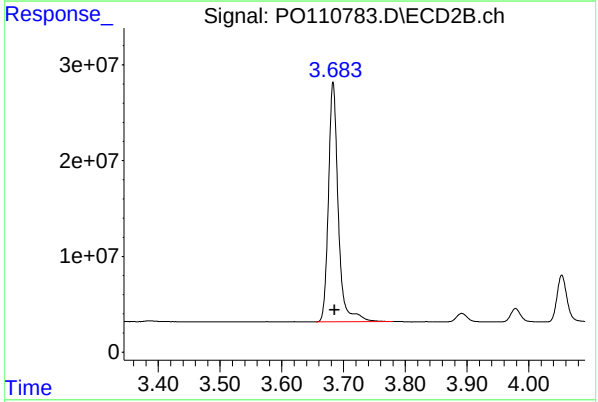




#1 Tetrachloro-m-xylene

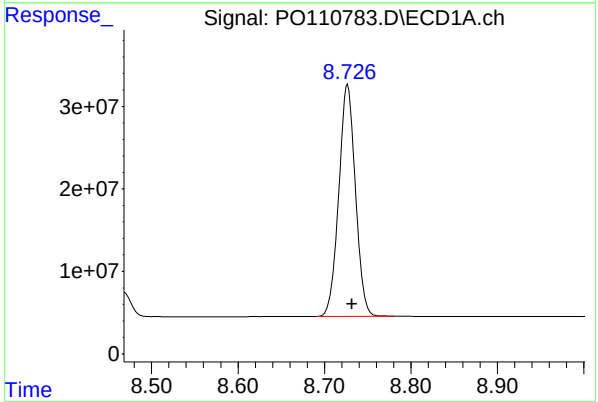
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 526178401
Conc: 60.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



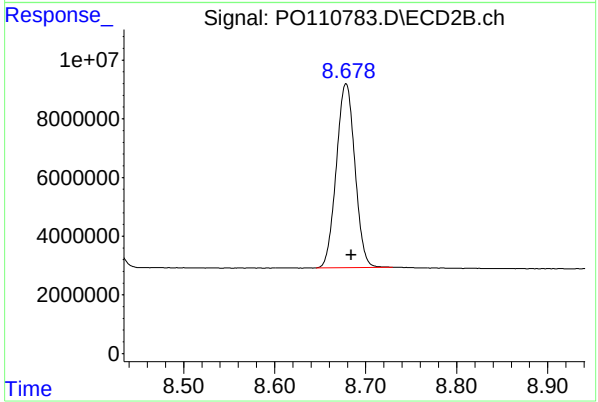
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 276555876
Conc: 55.42 ng/ml



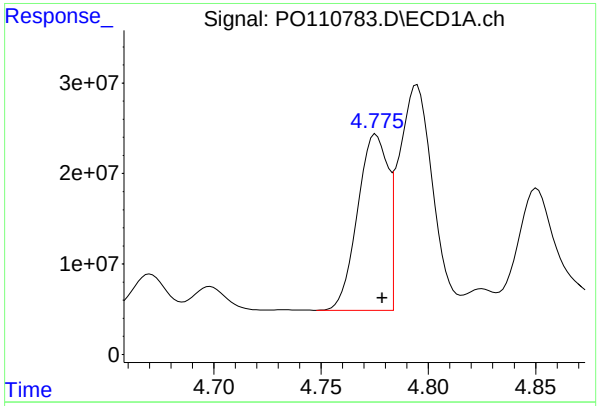
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 373834972
Conc: 47.35 ng/ml



#2 Decachlorobiphenyl

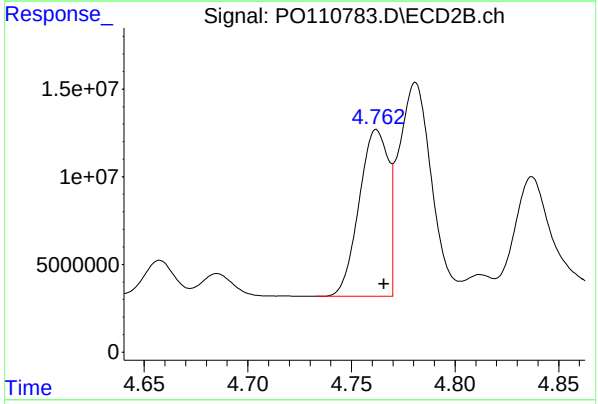
R.T.: 8.679 min
Delta R.T.: -0.006 min
Response: 88901151
Conc: 46.18 ng/ml



#3 AR-1016-1

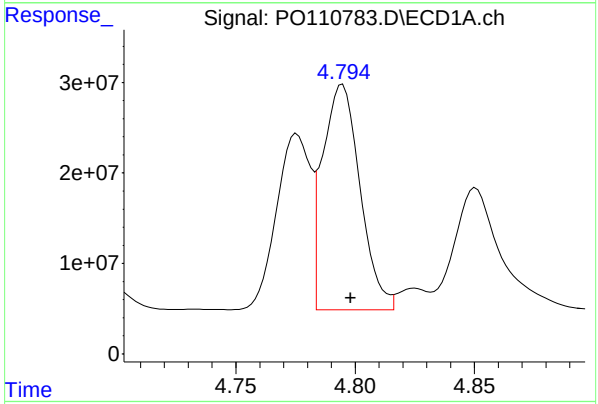
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 192276334
Conc: 585.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



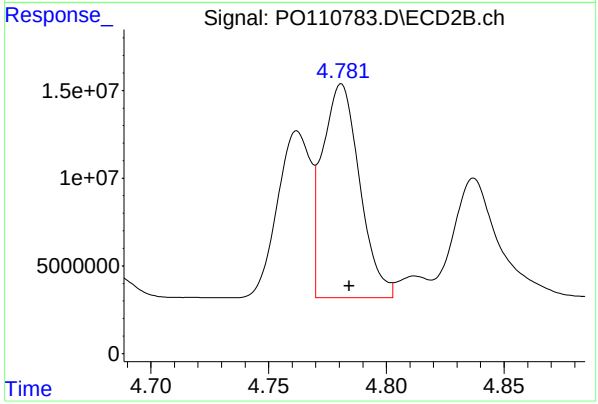
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 93390143
Conc: 532.11 ng/ml



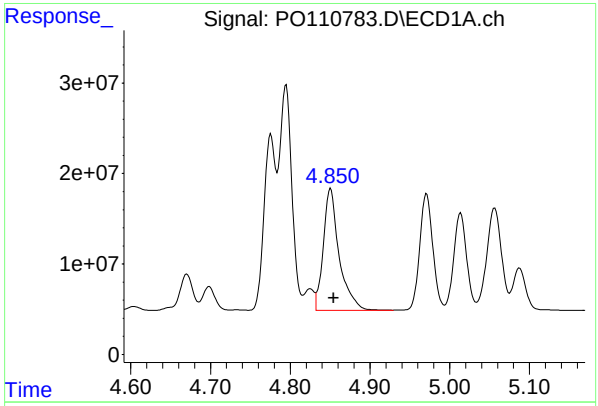
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 272049955
Conc: 597.98 ng/ml



#4 AR-1016-2

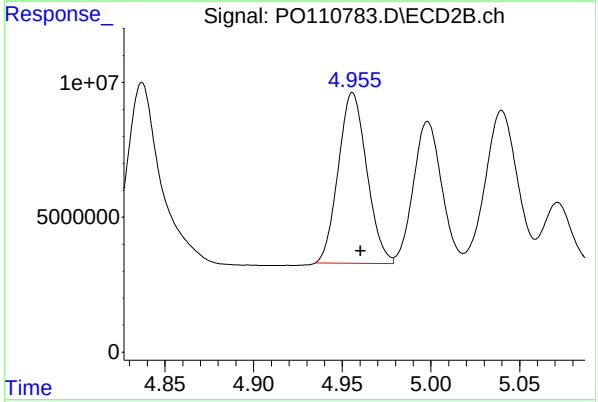
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 134035351
Conc: 533.02 ng/ml



#5 AR-1016-3

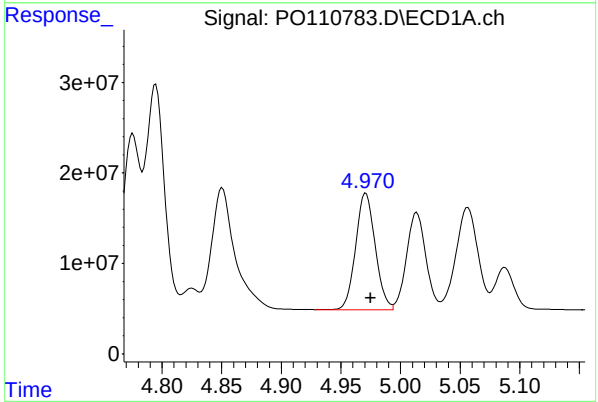
R.T.: 4.851 min
Delta R.T.: -0.004 min
Response: 186263769
Conc: 577.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



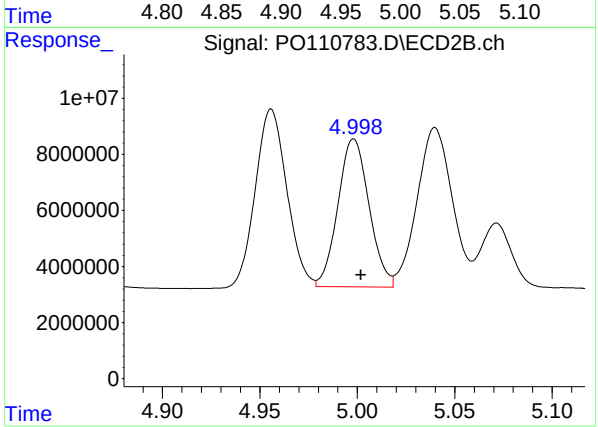
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 70669696
Conc: 520.74 ng/ml



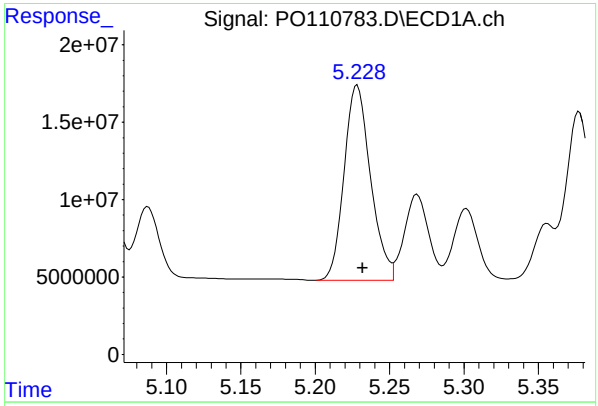
#6 AR-1016-4

R.T.: 4.971 min
Delta R.T.: -0.004 min
Response: 147161207
Conc: 590.62 ng/ml



#6 AR-1016-4

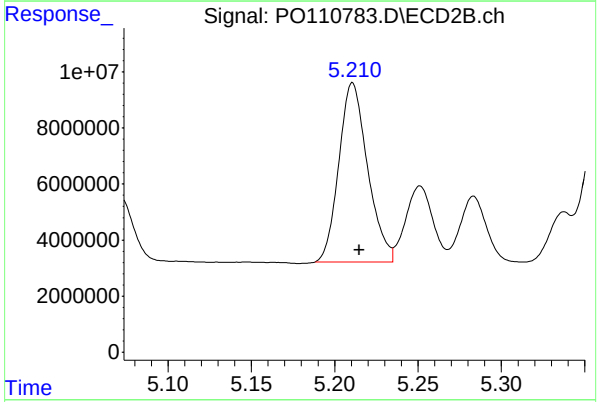
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 58769944
Conc: 513.87 ng/ml



#7 AR-1016-5

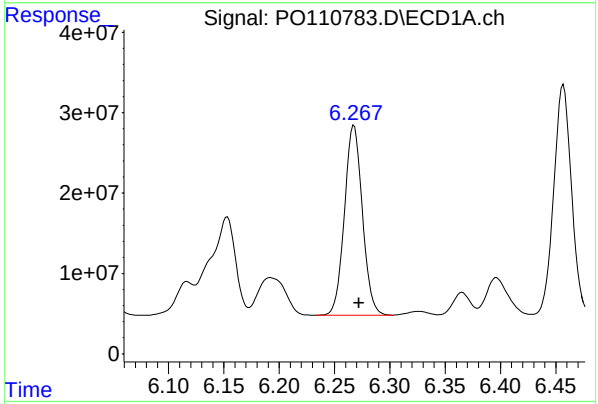
R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 156275760
Conc: 580.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



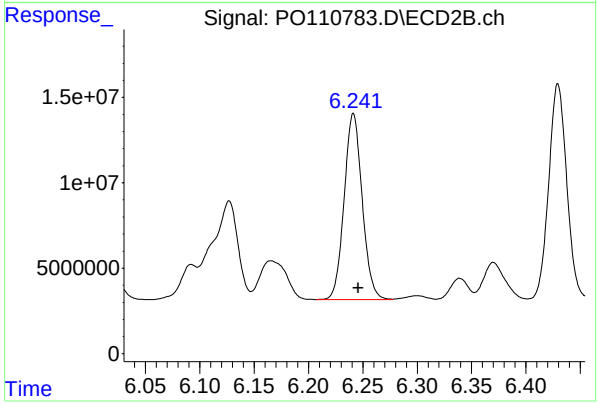
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 76670729
Conc: 514.31 ng/ml



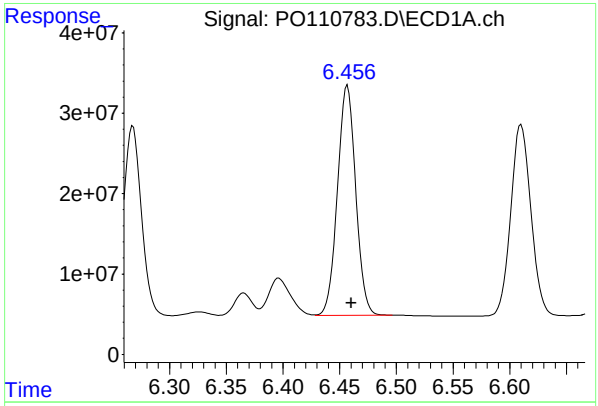
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 266116788
Conc: 563.28 ng/ml



#31 AR-1260-1

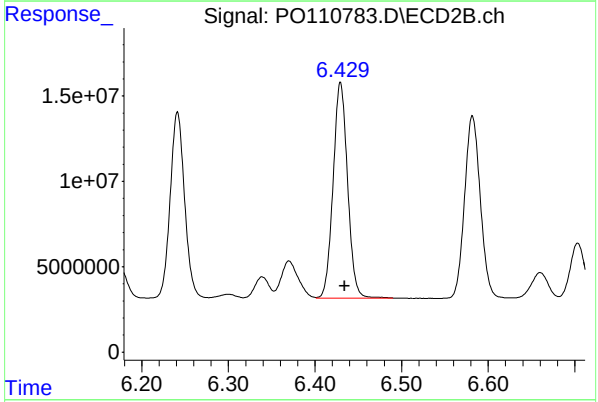
R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 125922602
Conc: 511.96 ng/ml



#32 AR-1260-2

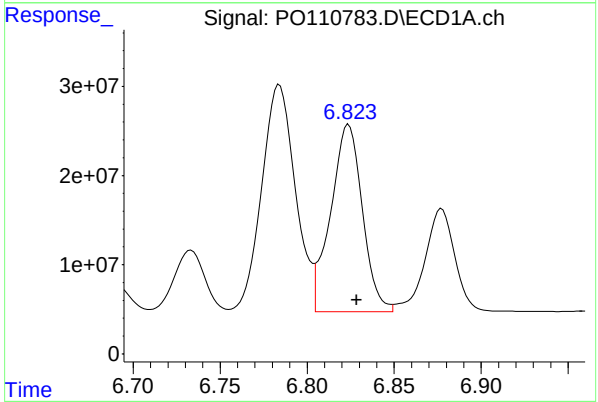
R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 319223779
Conc: 544.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



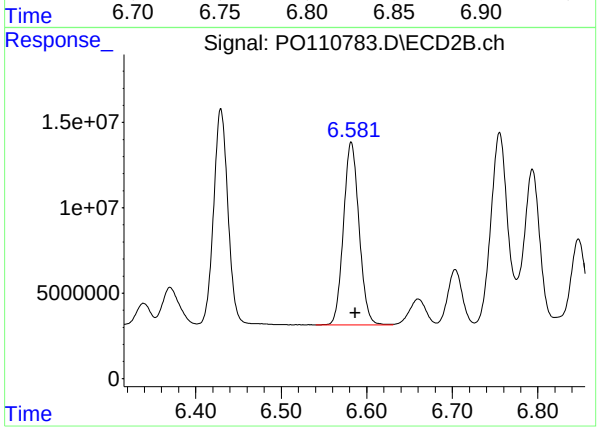
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 146500313
Conc: 502.14 ng/ml



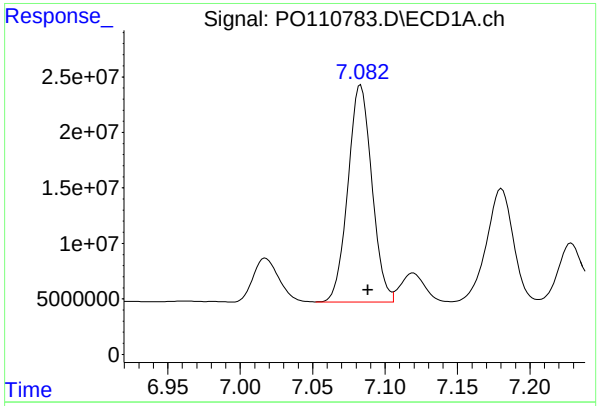
#33 AR-1260-3

R.T.: 6.824 min
Delta R.T.: -0.005 min
Response: 267098267
Conc: 541.92 ng/ml



#33 AR-1260-3

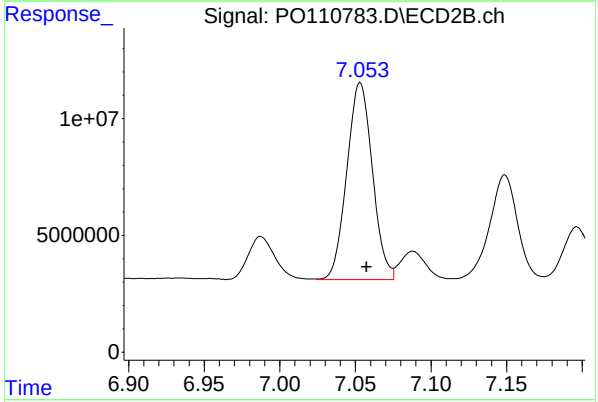
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 134978235
Conc: 498.29 ng/ml



#34 AR-1260-4

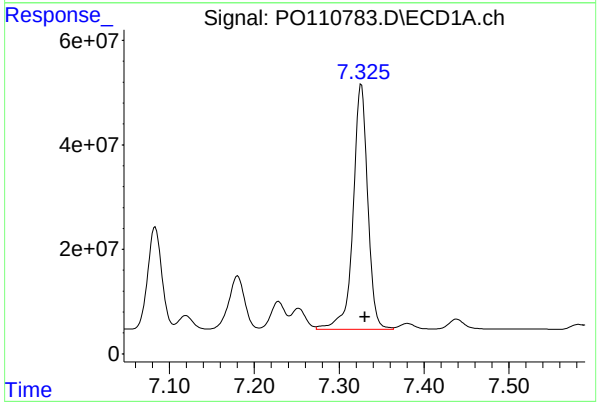
R.T.: 7.083 min
Delta R.T.: -0.005 min
Response: 225189427
Conc: 530.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



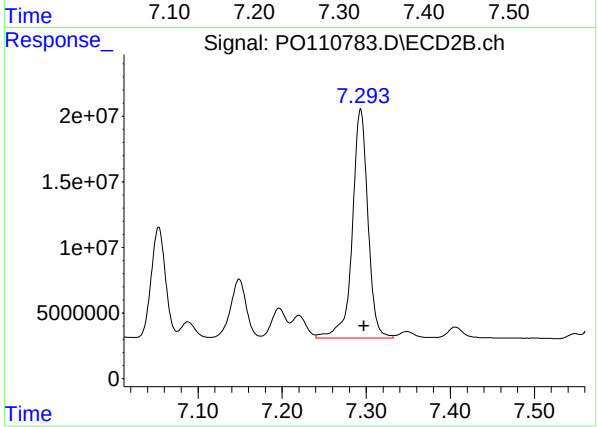
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 99331635
Conc: 495.07 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 562829865
Conc: 539.38 ng/ml



#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 224839086
Conc: 490.00 ng/ml

Raw Data: **PO110798.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 14:33 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.82	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.08	7.09	6.99	7.19	0.01
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110798.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 14:33 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL10 **Date Analyzed:** 04/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110798.D **Time Analyzed:** 14:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	525.390	500.000	5.1
Aroclor-1016-2	4.795	4.698	4.898	529.570	500.000	5.9
Aroclor-1016-3	4.852	4.755	4.955	516.130	500.000	3.2
Aroclor-1016-4	4.972	4.875	5.075	527.400	500.000	5.5
Aroclor-1016-5	5.229	5.132	5.332	573.980	500.000	14.8
Aroclor-1260-1	6.268	6.172	6.372	522.950	500.000	4.6
Aroclor-1260-2	6.457	6.360	6.560	505.960	500.000	1.2
Aroclor-1260-3	6.824	6.729	6.929	500.100	500.000	0.0
Aroclor-1260-4	7.084	6.988	7.188	492.520	500.000	-1.5
Aroclor-1260-5	7.326	7.230	7.430	486.490	500.000	-2.7
Decachlorobiphenyl	8.727	8.632	8.832	43.770	50.000	-12.5
Tetrachloro-m-xylene	3.686	3.588	3.788	53.480	50.000	7.0

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CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL10 **Date Analyzed:** 04/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110798.D **Time Analyzed:** 14:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	483.340	500.000	-3.3
Aroclor-1016-2	4.781	4.684	4.884	481.240	500.000	-3.8
Aroclor-1016-3	4.956	4.860	5.060	467.650	500.000	-6.5
Aroclor-1016-4	4.998	4.902	5.102	436.010	500.000	-12.8
Aroclor-1016-5	5.211	5.115	5.315	496.610	500.000	-0.7
Aroclor-1260-1	6.241	6.146	6.346	467.120	500.000	-6.6
Aroclor-1260-2	6.430	6.334	6.534	455.240	500.000	-9.0
Aroclor-1260-3	6.582	6.487	6.687	450.360	500.000	-9.9
Aroclor-1260-4	7.053	6.957	7.157	450.210	500.000	-10.0
Aroclor-1260-5	7.294	7.197	7.397	446.080	500.000	-10.8
Decachlorobiphenyl	8.679	8.584	8.784	42.340	50.000	-15.3
Tetrachloro-m-xylene	3.683	3.586	3.786	49.750	50.000	-0.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110798.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 14:33
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:54:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.686	3.683	467.9E6	248.2E6	53.477	49.750
2) SA	Decachlor...	8.727	8.679	345.5E6	81502267	43.768	42.339
	Target Compounds						
3) L1	AR-1016-1	4.776	4.762	172.4E6	84829947	525.386	483.335
4) L1	AR-1016-2	4.795	4.781	240.9E6	121.0E6	529.569	481.236
5) L1	AR-1016-3	4.852	4.956	166.5E6	63465475	516.129	467.652
6) L1	AR-1016-4	4.972	4.998	131.4E6	49865713	527.399	436.012
7) L1	AR-1016-5	5.229	5.211	154.4E6	74032227	573.982	496.614
31) L7	AR-1260-1	6.268	6.241	247.1E6	114.9E6	522.949	467.118
32) L7	AR-1260-2	6.457	6.430	296.7E6	132.8E6	505.958	455.236
33) L7	AR-1260-3	6.824	6.582	246.5E6	122.0E6	500.099	450.357
34) L7	AR-1260-4	7.084	7.053	209.0E6	90330152	492.524	450.210
35) L7	AR-1260-5	7.326	7.294	507.6E6	204.7E6	486.489	446.081

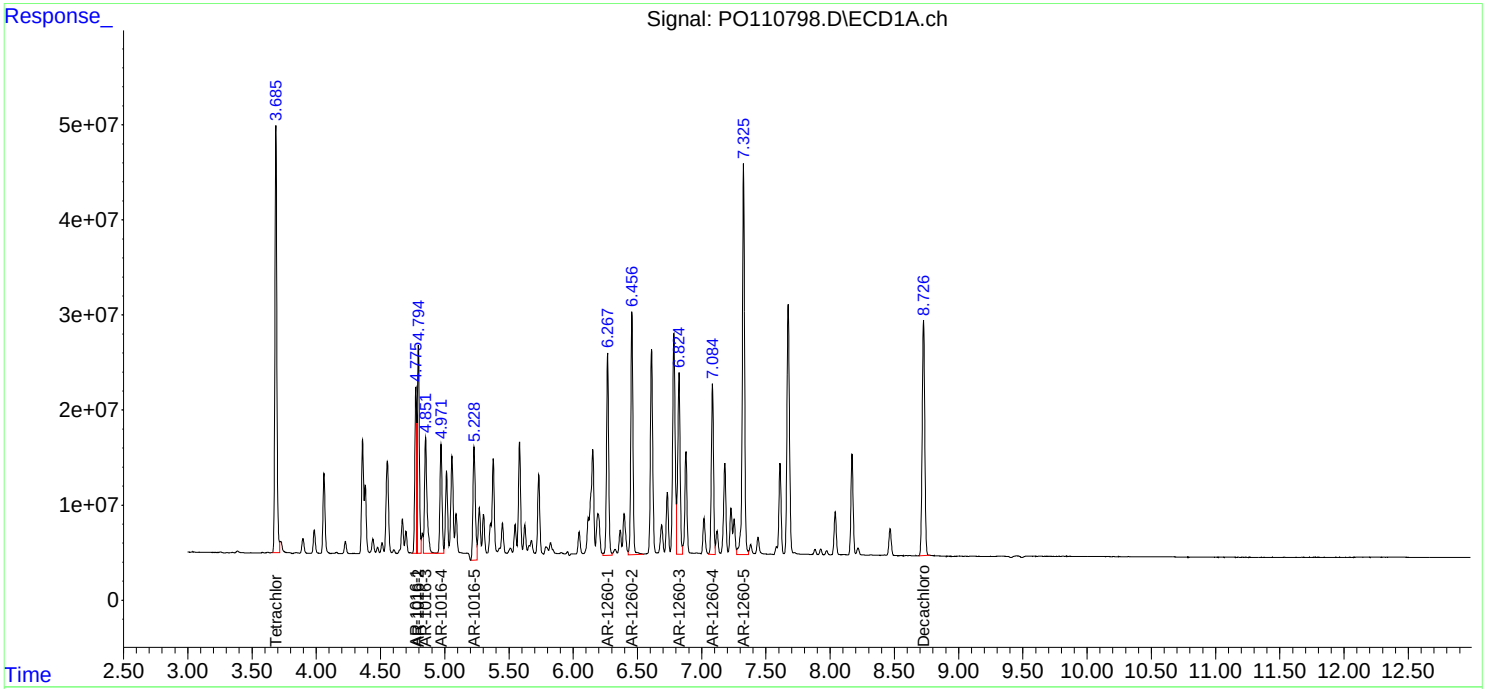
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

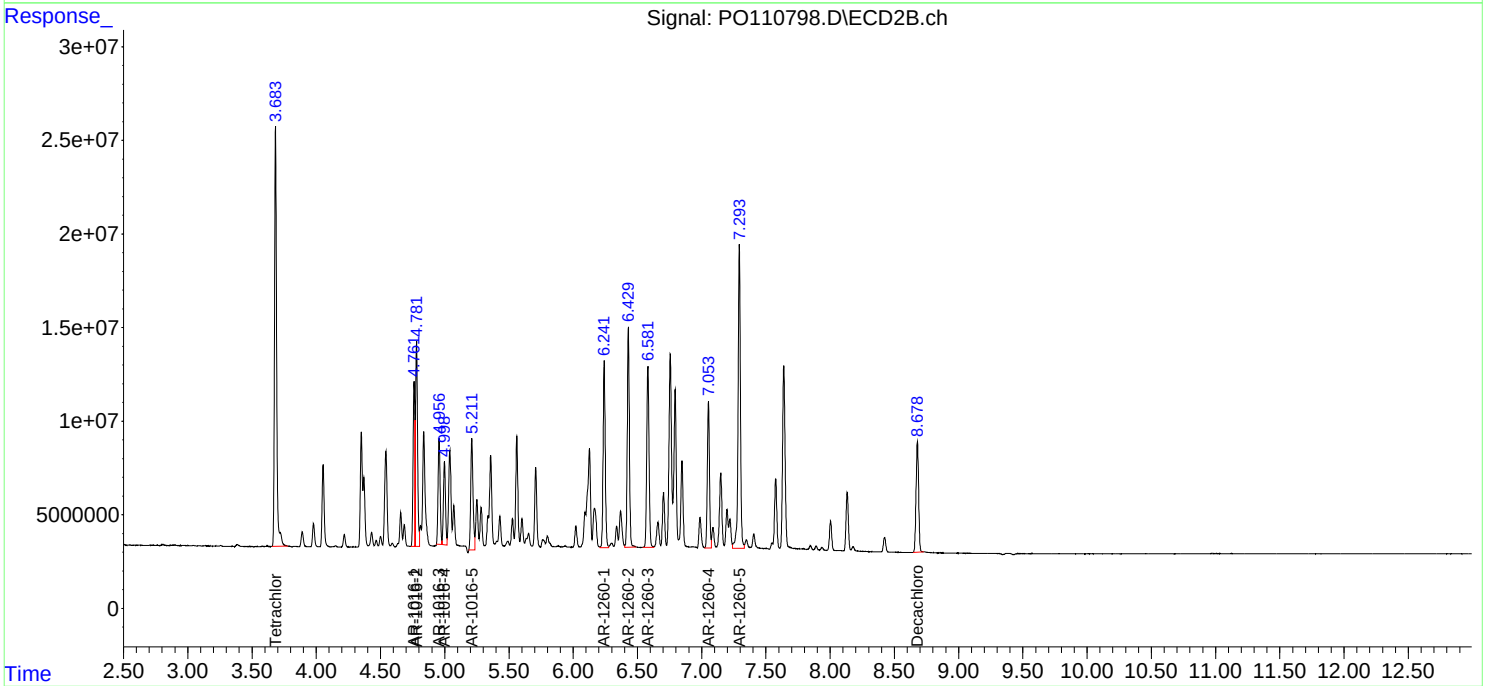
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110798.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 14:33
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

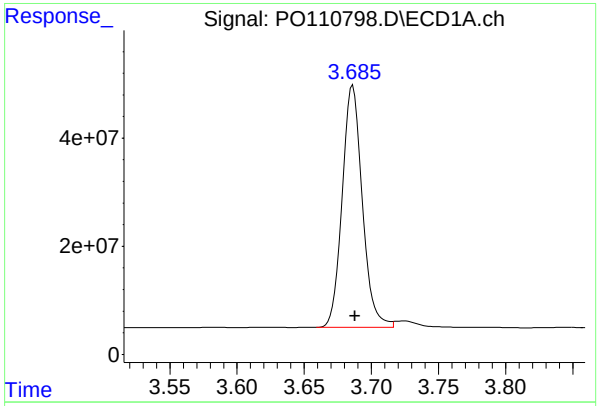
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:54:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



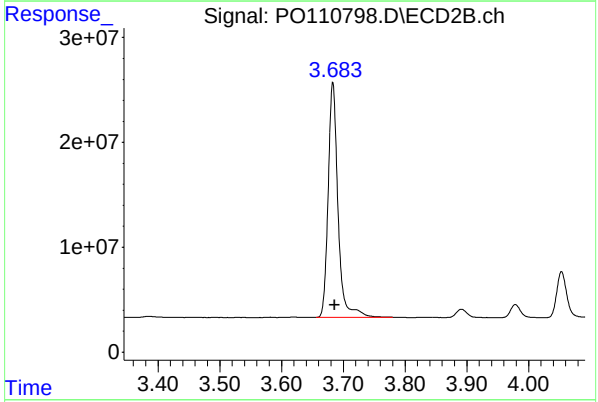




#1 Tetrachloro-m-xylene

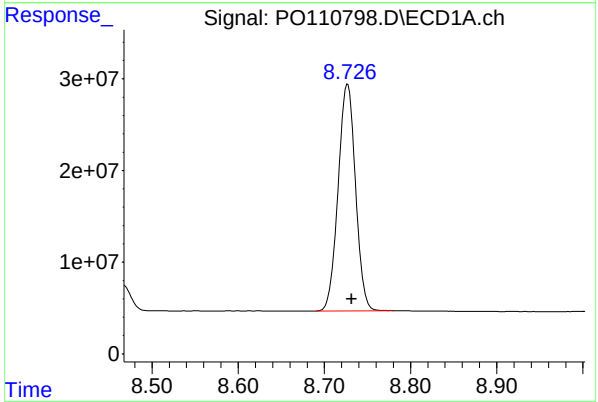
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 467877517
Conc: 53.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



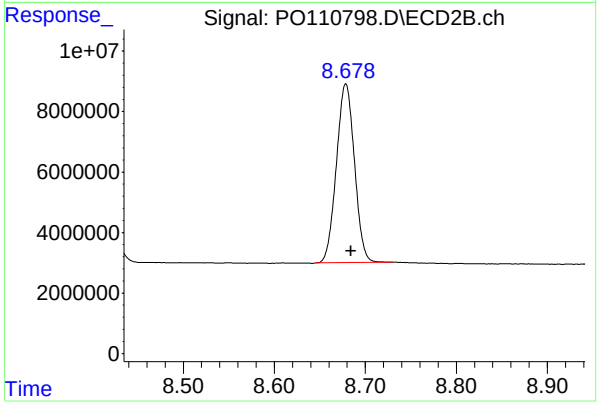
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 248239790
Conc: 49.75 ng/ml



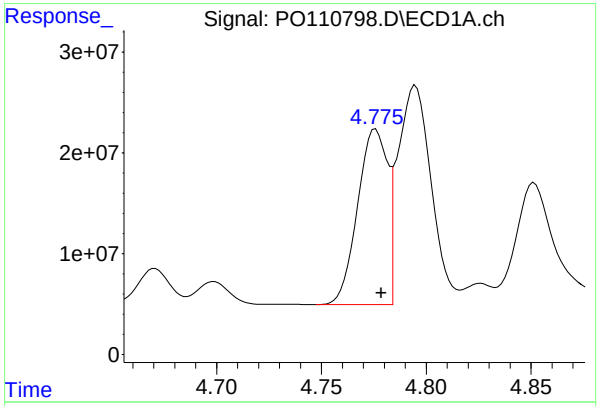
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 345548413
Conc: 43.77 ng/ml



#2 Decachlorobiphenyl

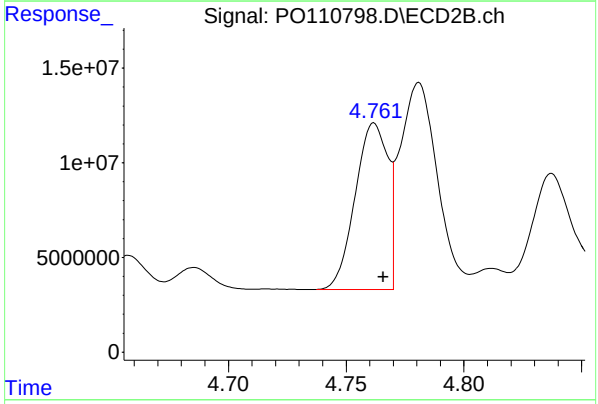
R.T.: 8.679 min
Delta R.T.: -0.006 min
Response: 81502267
Conc: 42.34 ng/ml



#3 AR-1016-1

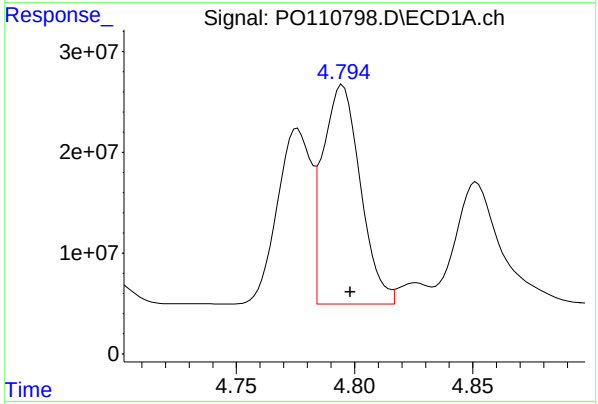
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 172401917
Conc: 525.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



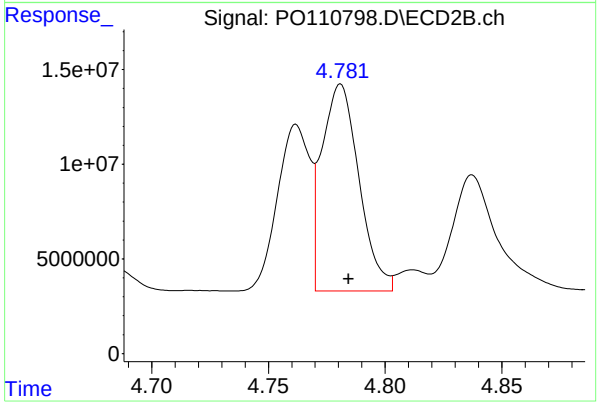
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 84829947
Conc: 483.34 ng/ml



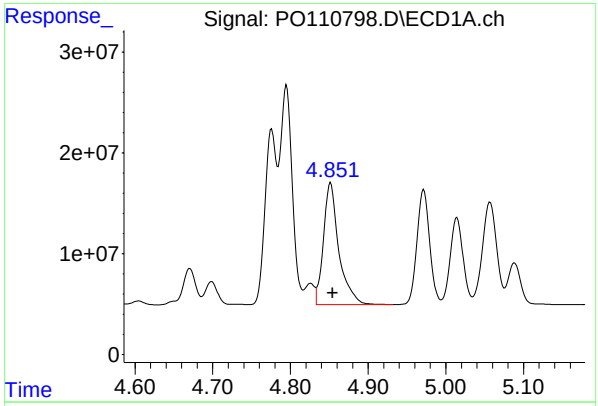
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 240926343
Conc: 529.57 ng/ml



#4 AR-1016-2

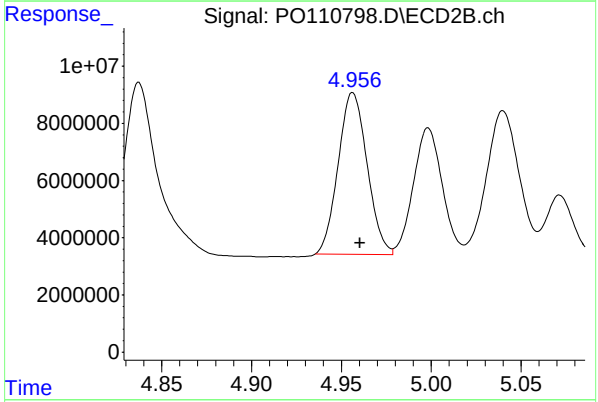
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 121013941
Conc: 481.24 ng/ml



#5 AR-1016-3

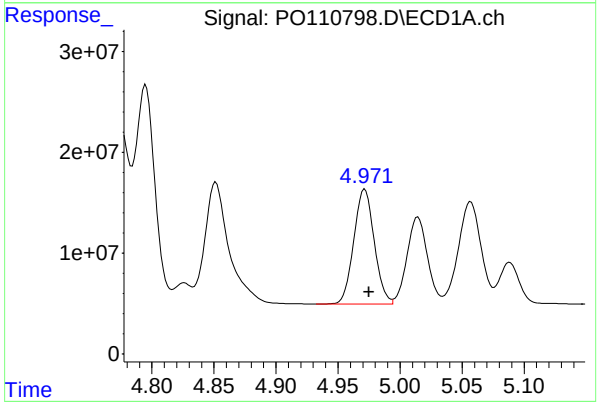
R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 166465966
Conc: 516.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



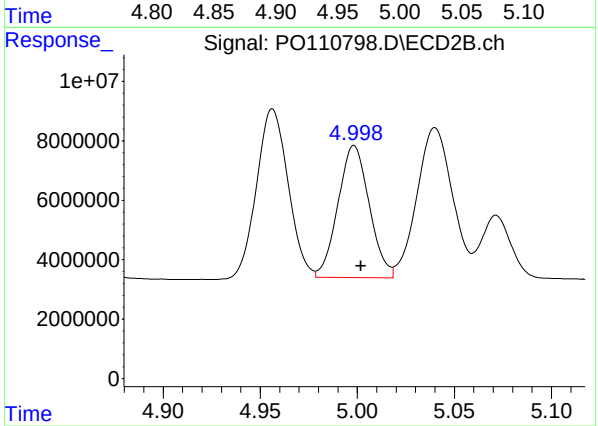
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 63465475
Conc: 467.65 ng/ml



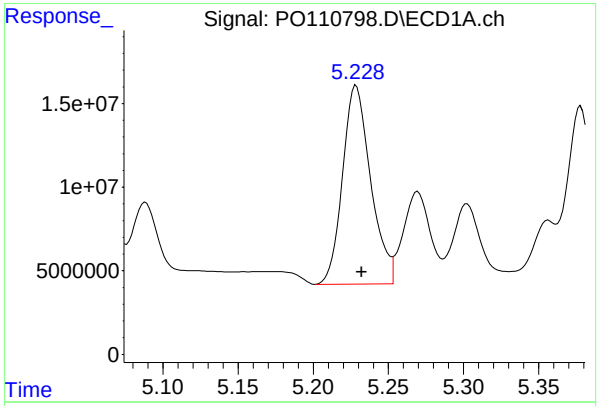
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 131409164
Conc: 527.40 ng/ml



#6 AR-1016-4

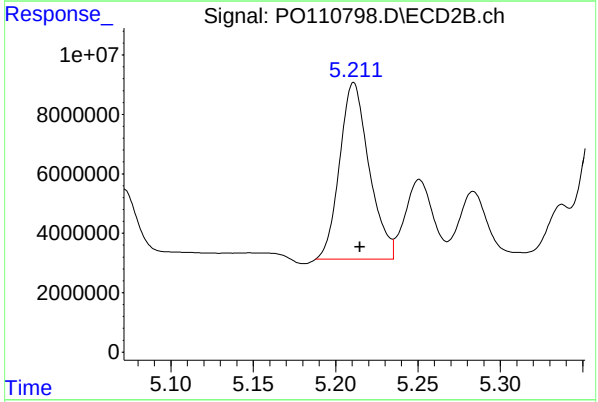
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 49865713
Conc: 436.01 ng/ml



#7 AR-1016-5

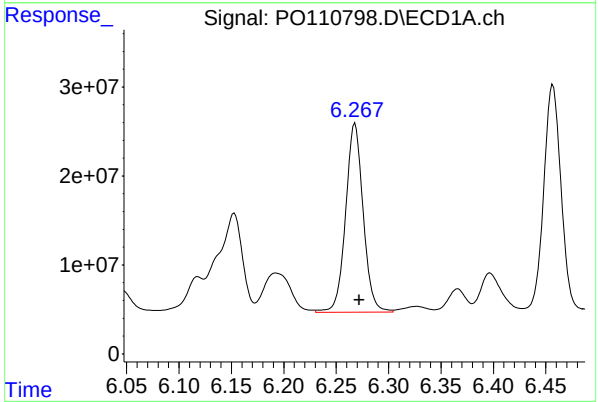
R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 154407897
Conc: 573.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



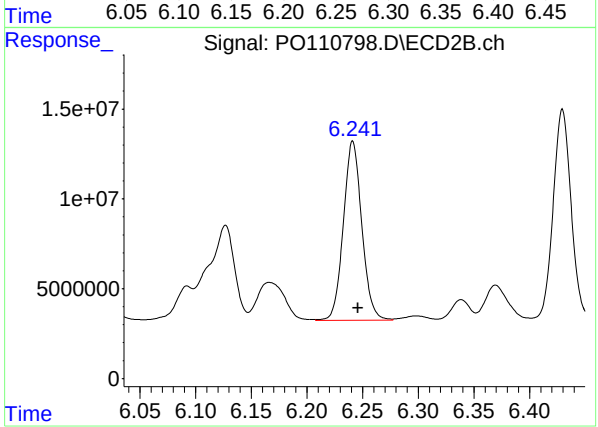
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 74032227
Conc: 496.61 ng/ml



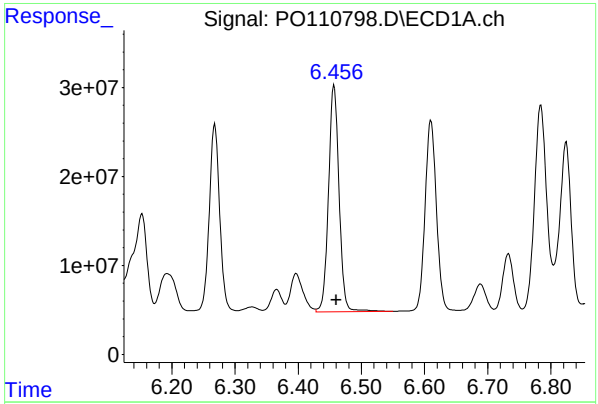
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 247064600
Conc: 522.95 ng/ml



#31 AR-1260-1

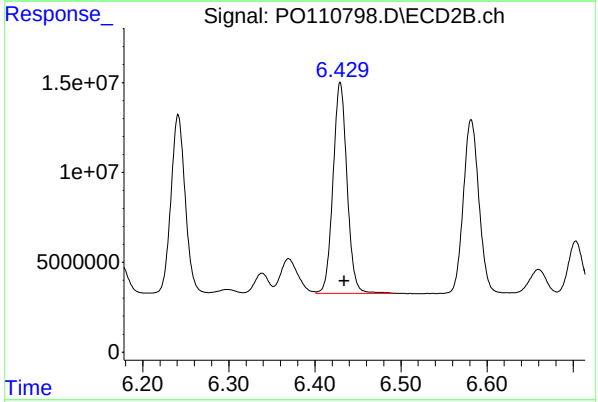
R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 114893917
Conc: 467.12 ng/ml



#32 AR-1260-2

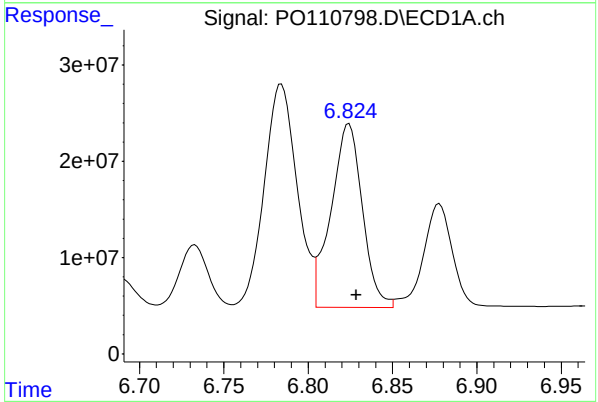
R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 296706263
Conc: 505.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



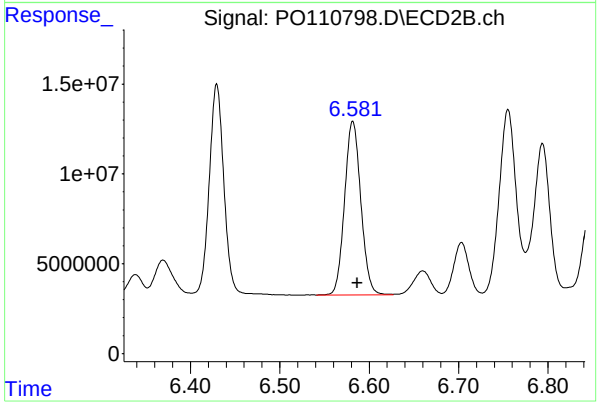
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 132815333
Conc: 455.24 ng/ml



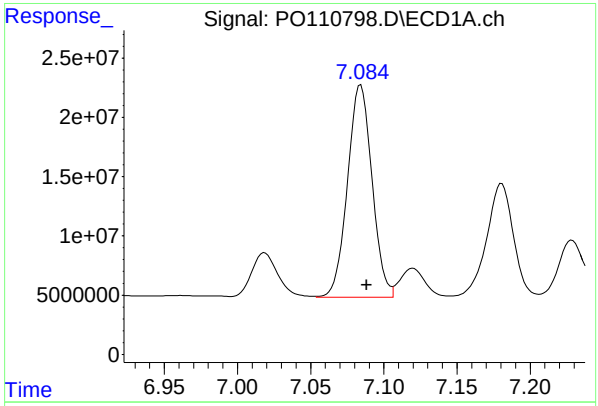
#33 AR-1260-3

R.T.: 6.824 min
Delta R.T.: -0.004 min
Response: 246484805
Conc: 500.10 ng/ml



#33 AR-1260-3

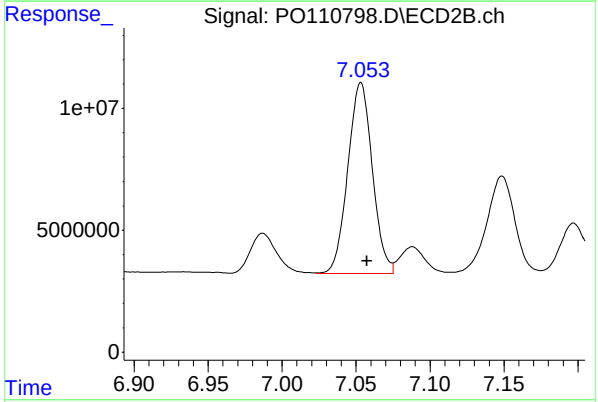
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 121994467
Conc: 450.36 ng/ml



#34 AR-1260-4

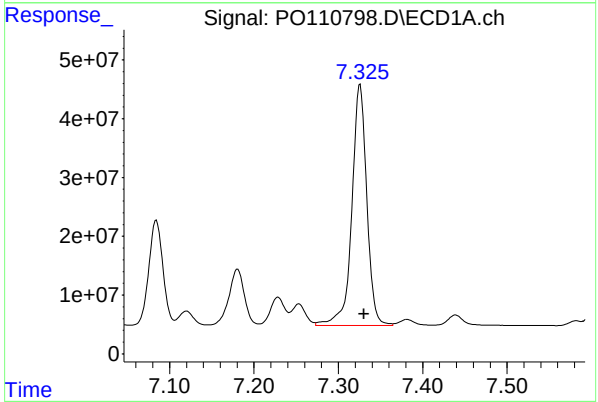
R.T.: 7.084 min
Delta R.T.: -0.004 min
Response: 209038672
Conc: 492.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



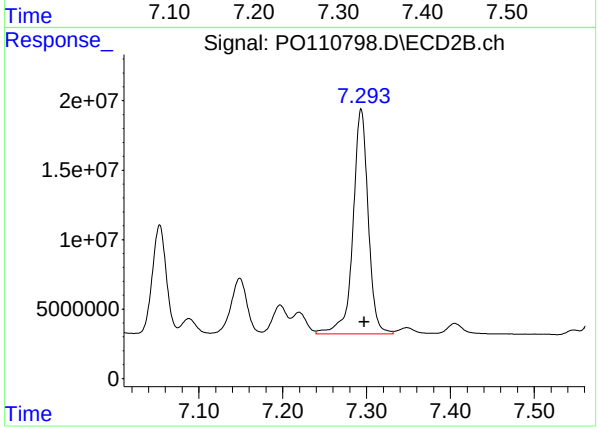
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 90330152
Conc: 450.21 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 507637082
Conc: 486.49 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 204687857
Conc: 446.08 ng/ml

Raw Data: **PO110813.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 19:58 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110813.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 19:58 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL11 **Date Analyzed:** 04/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110813.D **Time Analyzed:** 19:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.775	4.679	4.879	522.610	500.000	4.5
Aroclor-1016-2	4.794	4.698	4.898	523.190	500.000	4.6
Aroclor-1016-3	4.851	4.755	4.955	506.550	500.000	1.3
Aroclor-1016-4	4.971	4.875	5.075	518.260	500.000	3.7
Aroclor-1016-5	5.228	5.132	5.332	568.780	500.000	13.8
Aroclor-1260-1	6.269	6.172	6.372	505.510	500.000	1.1
Aroclor-1260-2	6.458	6.360	6.560	483.880	500.000	-3.2
Aroclor-1260-3	6.825	6.729	6.929	481.120	500.000	-3.8
Aroclor-1260-4	7.085	6.988	7.188	480.470	500.000	-3.9
Aroclor-1260-5	7.327	7.230	7.430	476.280	500.000	-4.7
Decachlorobiphenyl	8.727	8.632	8.832	42.700	50.000	-14.6
Tetrachloro-m-xylene	3.685	3.588	3.788	52.620	50.000	5.2

Raw Data: **PO110813.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL11 **Date Analyzed:** 04/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110813.D **Time Analyzed:** 19:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	482.910	500.000	-3.4
Aroclor-1016-2	4.781	4.684	4.884	481.530	500.000	-3.7
Aroclor-1016-3	4.956	4.860	5.060	462.860	500.000	-7.4
Aroclor-1016-4	4.998	4.902	5.102	426.070	500.000	-14.8
Aroclor-1016-5	5.211	5.115	5.315	496.540	500.000	-0.7
Aroclor-1260-1	6.242	6.146	6.346	462.680	500.000	-7.5
Aroclor-1260-2	6.430	6.334	6.534	452.580	500.000	-9.5
Aroclor-1260-3	6.583	6.487	6.687	442.880	500.000	-11.4
Aroclor-1260-4	7.053	6.957	7.157	445.230	500.000	-11.0
Aroclor-1260-5	7.294	7.197	7.397	441.430	500.000	-11.7
Decachlorobiphenyl	8.678	8.584	8.784	42.100	50.000	-15.8
Tetrachloro-m-xylene	3.683	3.586	3.786	49.720	50.000	-0.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110813.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 19:58
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:02:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.683	460.4E6	248.1E6	52.624	49.722
2)	SA Decachlor...	8.727	8.678	337.1E6	81050732	42.701	42.104
	Target Compounds						
3)	L1 AR-1016-1	4.775	4.762	171.5E6	84755657	522.610	482.912
4)	L1 AR-1016-2	4.794	4.781	238.0E6	121.1E6	523.191	481.531
5)	L1 AR-1016-3	4.851	4.956	163.4E6	62815104	506.553	462.860
6)	L1 AR-1016-4	4.971	4.998	129.1E6	48729123	518.255	426.074
7)	L1 AR-1016-5	5.228	5.211	153.0E6	74020735	568.776	496.537
31)	L7 AR-1260-1	6.269	6.242	238.8E6	113.8E6	505.510	462.681
32)	L7 AR-1260-2	6.458	6.430	283.8E6	132.0E6	483.876	452.585
33)	L7 AR-1260-3	6.825	6.583	237.1E6	120.0E6	481.124	442.884
34)	L7 AR-1260-4	7.085	7.053	203.9E6	89331453	480.469	445.232
35)	L7 AR-1260-5	7.327	7.294	497.0E6	202.6E6	476.276	441.431

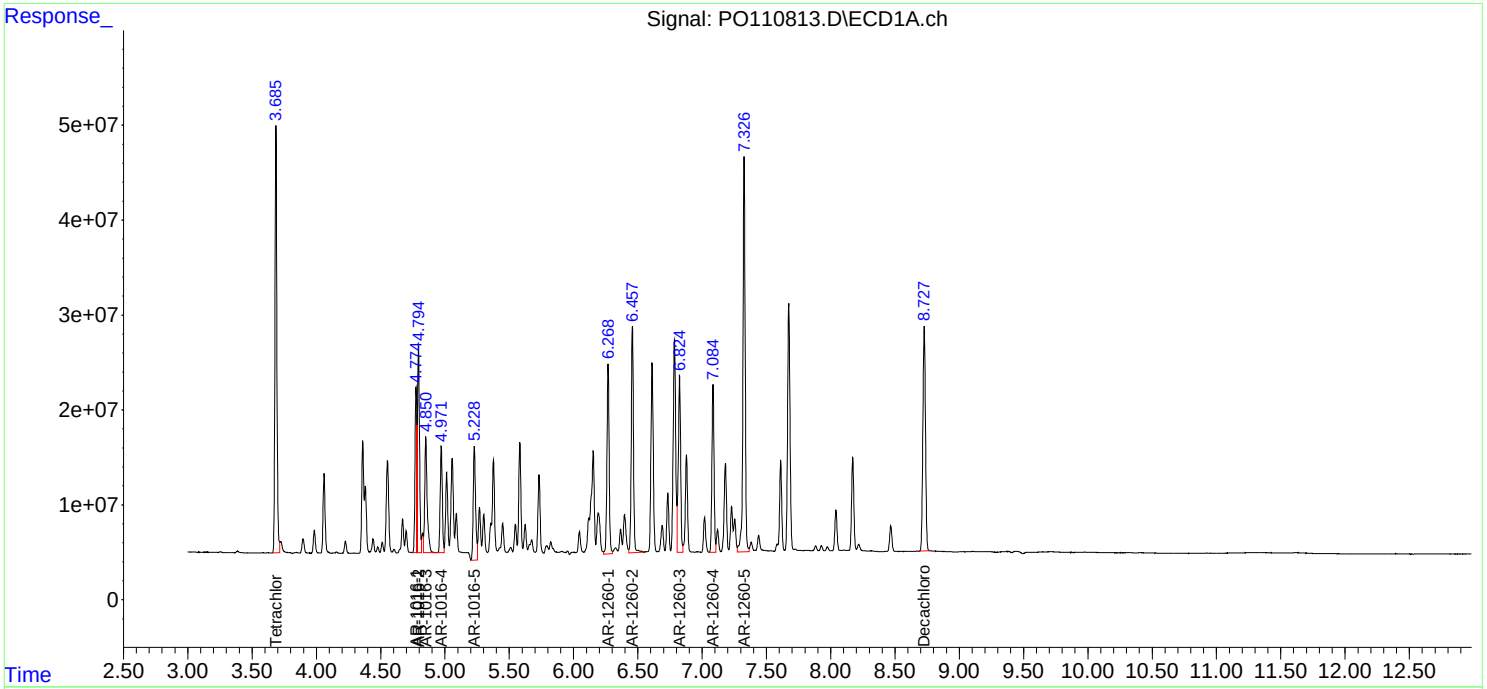
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

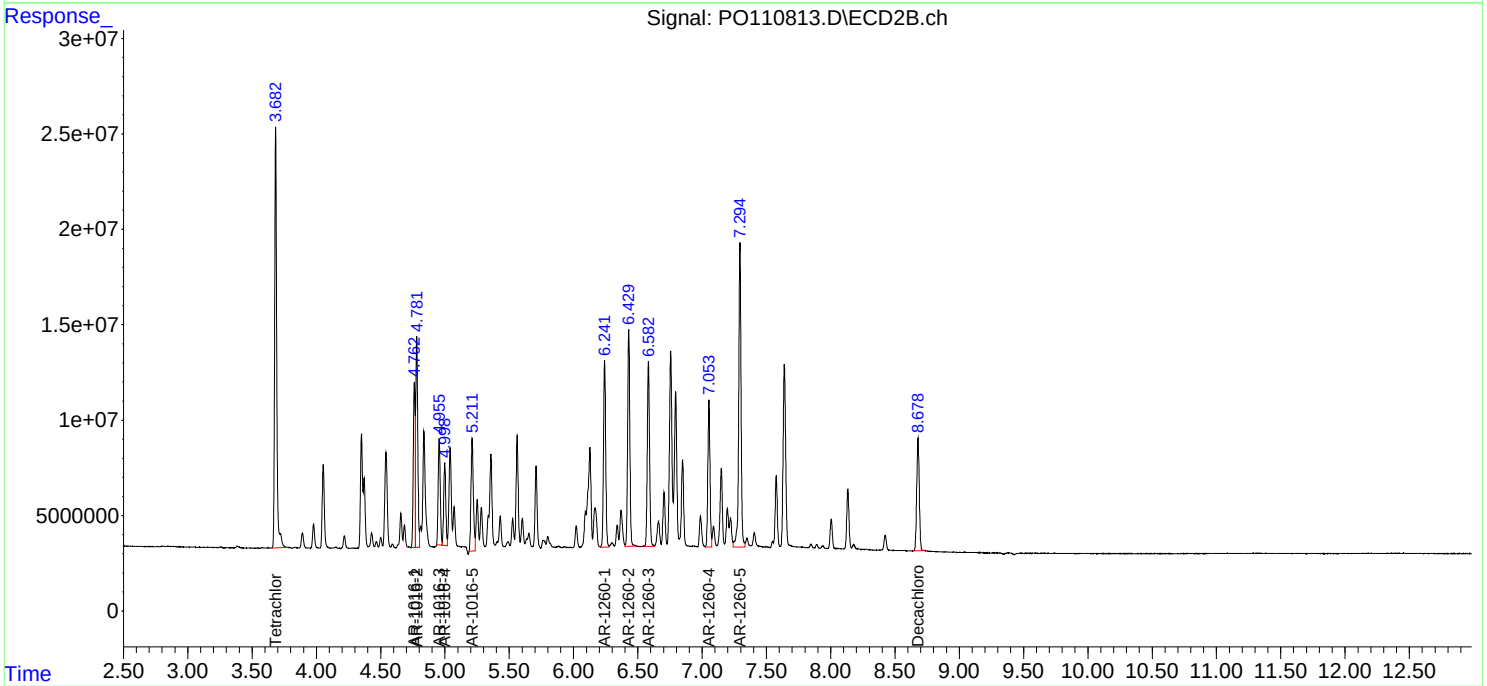
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110813.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 19:58
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

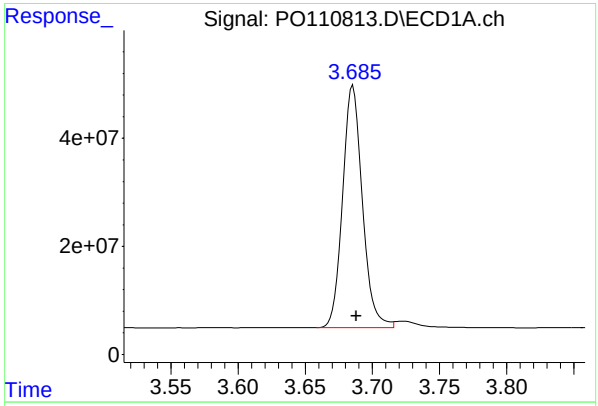
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:02:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



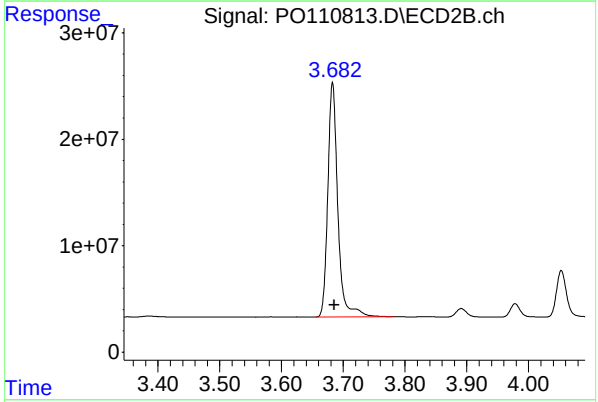




#1 Tetrachloro-m-xylene

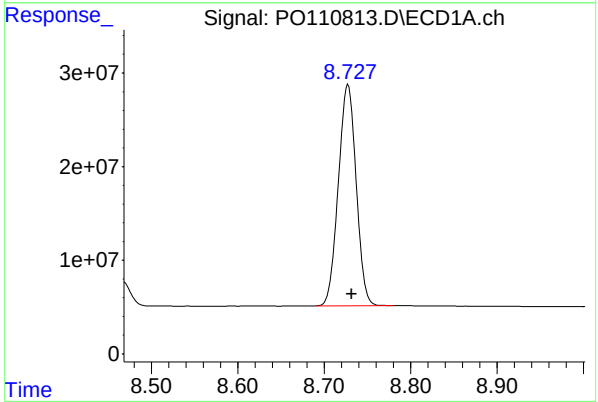
R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 460408261
Conc: 52.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



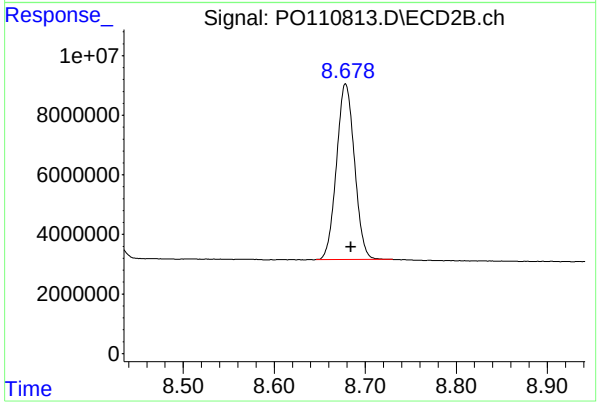
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 248101525
Conc: 49.72 ng/ml



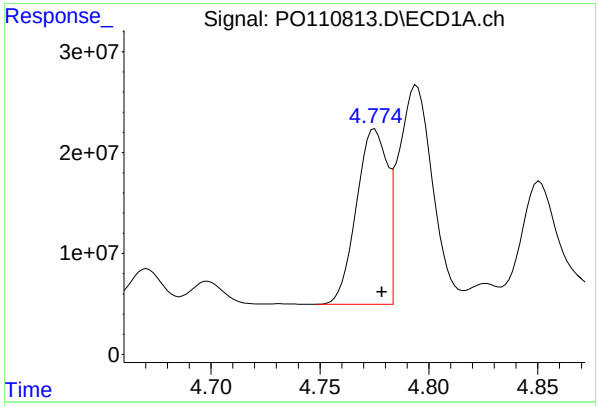
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 337121035
Conc: 42.70 ng/ml



#2 Decachlorobiphenyl

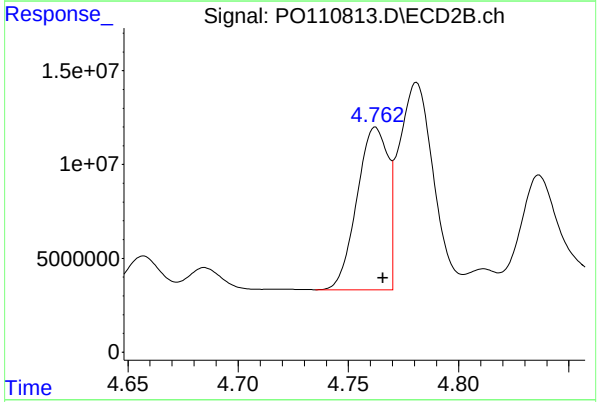
R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 81050732
Conc: 42.10 ng/ml



#3 AR-1016-1

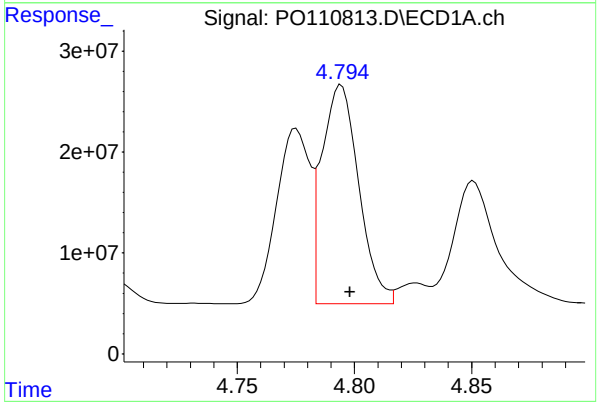
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 171491229
Conc: 522.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



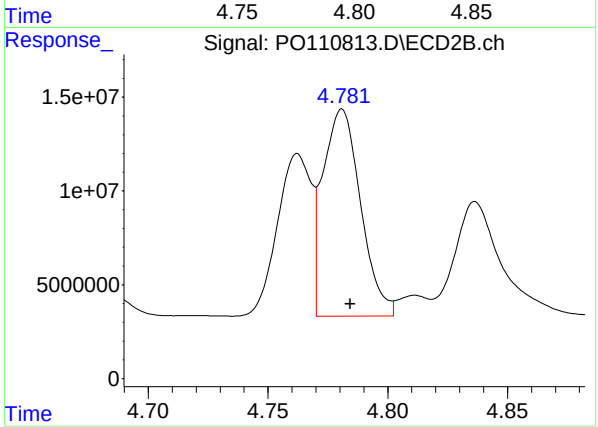
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 84755657
Conc: 482.91 ng/ml



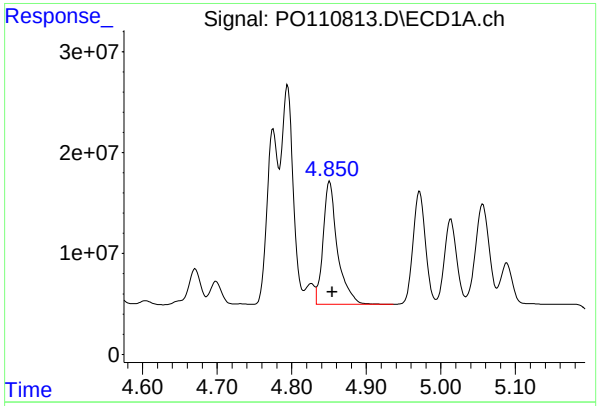
#4 AR-1016-2

R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 238024959
Conc: 523.19 ng/ml



#4 AR-1016-2

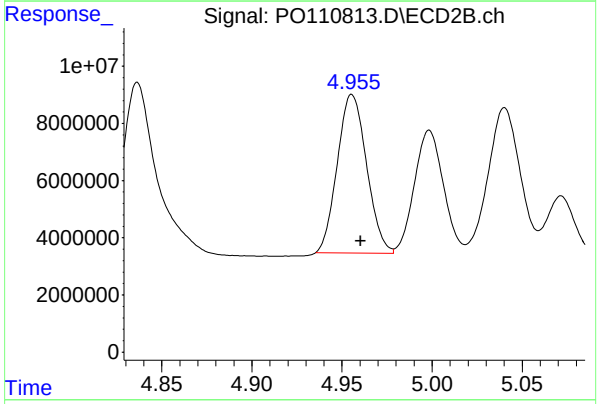
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 121088109
Conc: 481.53 ng/ml



#5 AR-1016-3

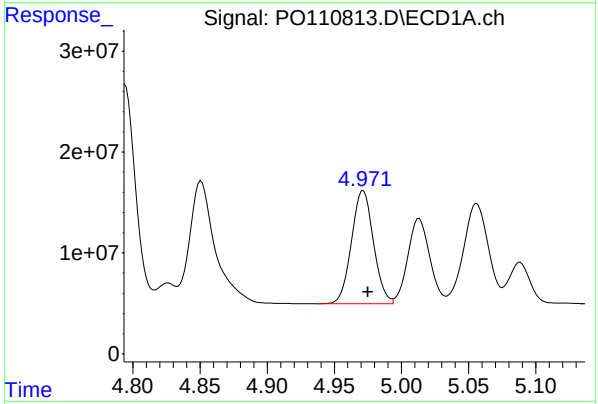
R.T.: 4.851 min
Delta R.T.: -0.004 min
Response: 163377175
Conc: 506.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



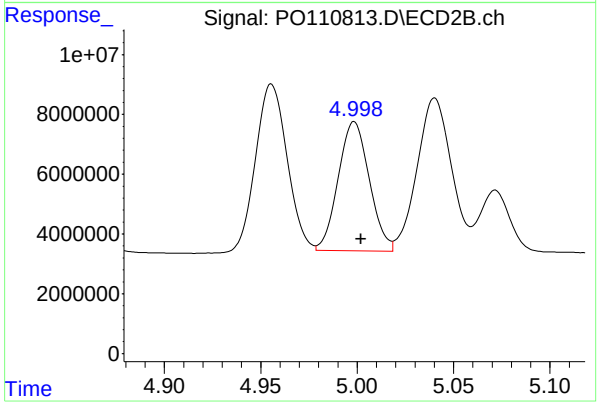
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.005 min
Response: 62815104
Conc: 462.86 ng/ml



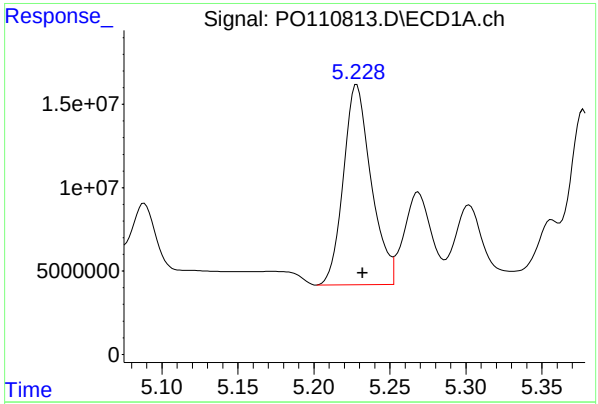
#6 AR-1016-4

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 129130826
Conc: 518.26 ng/ml



#6 AR-1016-4

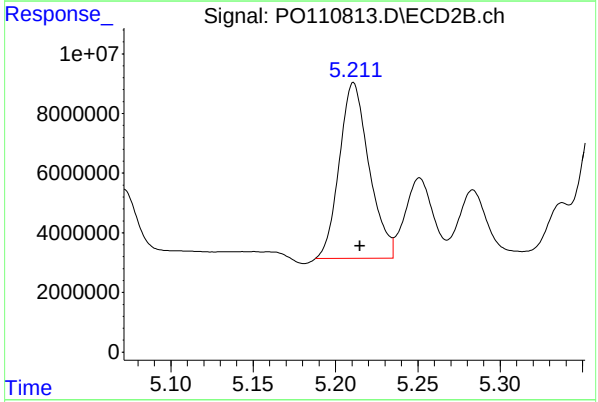
R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 48729123
Conc: 426.07 ng/ml



#7 AR-1016-5

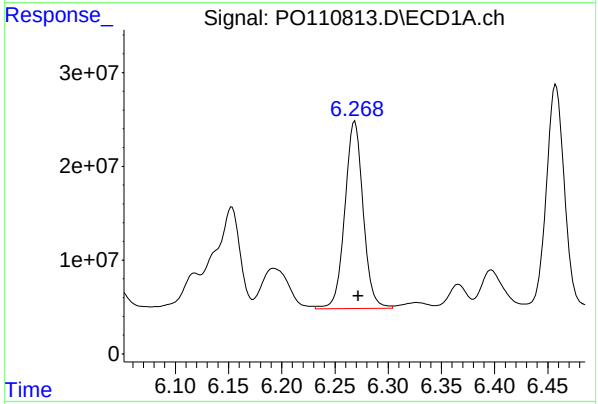
R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 153007235
Conc: 568.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



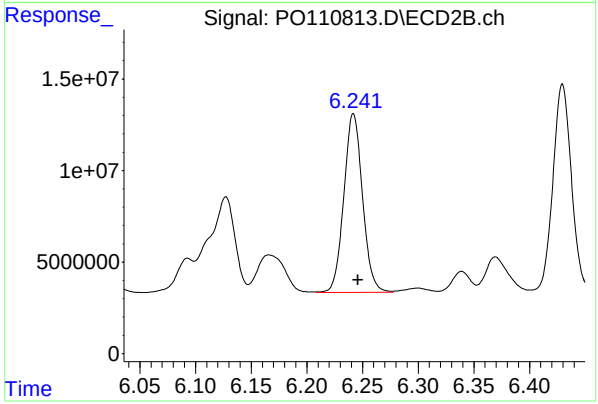
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 74020735
Conc: 496.54 ng/ml



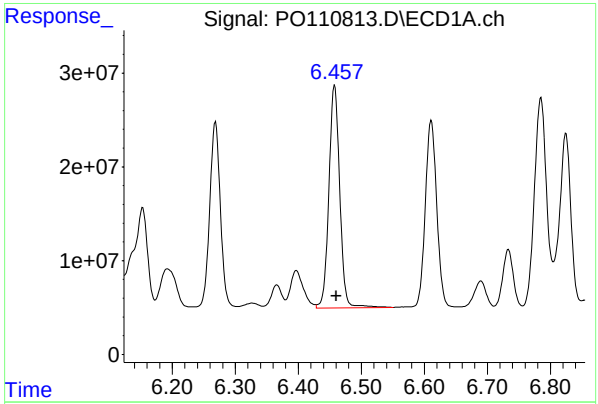
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 238825767
Conc: 505.51 ng/ml



#31 AR-1260-1

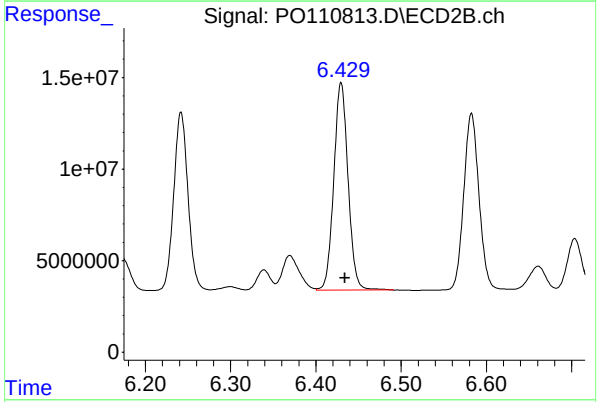
R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 113802772
Conc: 462.68 ng/ml



#32 AR-1260-2

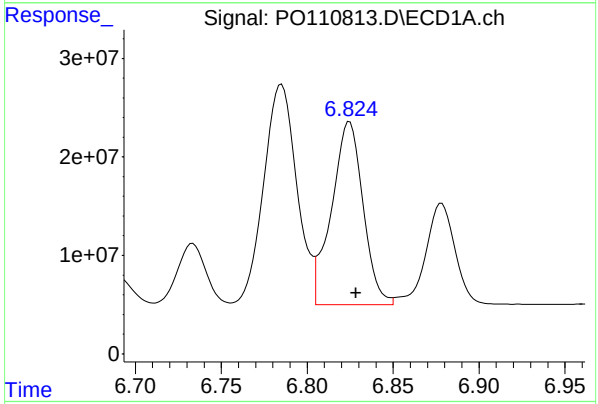
R.T.: 6.458 min
Delta R.T.: -0.003 min
Response: 283756900
Conc: 483.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



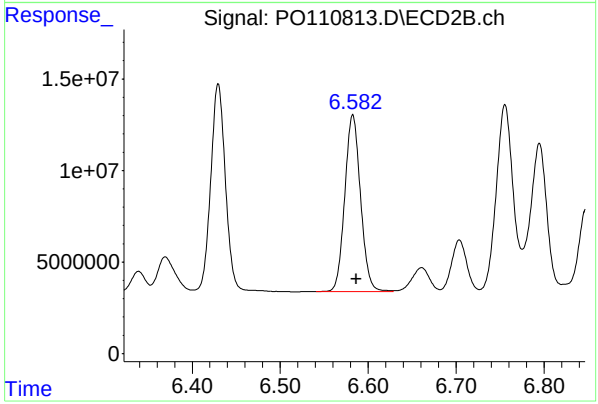
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 132041957
Conc: 452.58 ng/ml



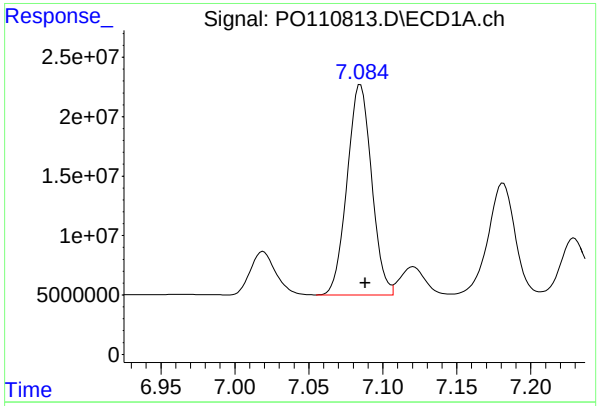
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 237132880
Conc: 481.12 ng/ml



#33 AR-1260-3

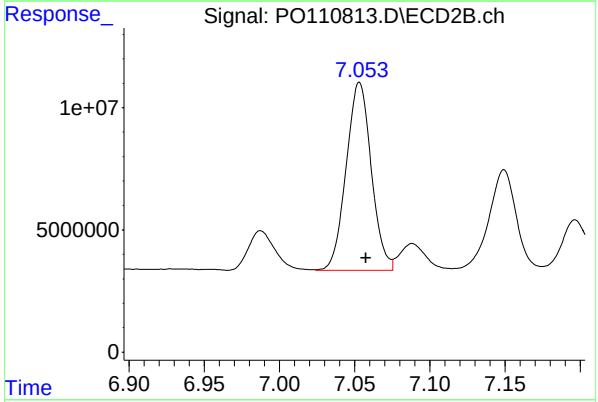
R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 119970371
Conc: 442.88 ng/ml



#34 AR-1260-4

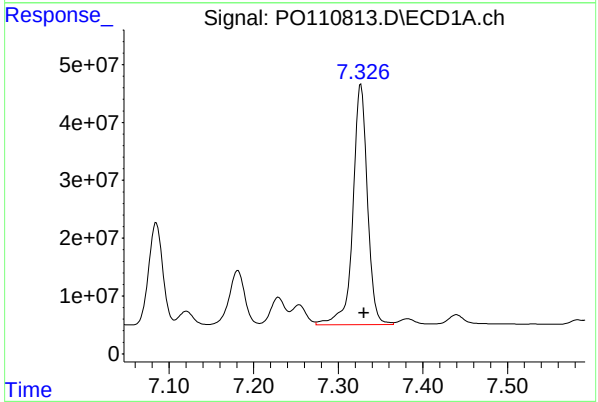
R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 203922096
Conc: 480.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



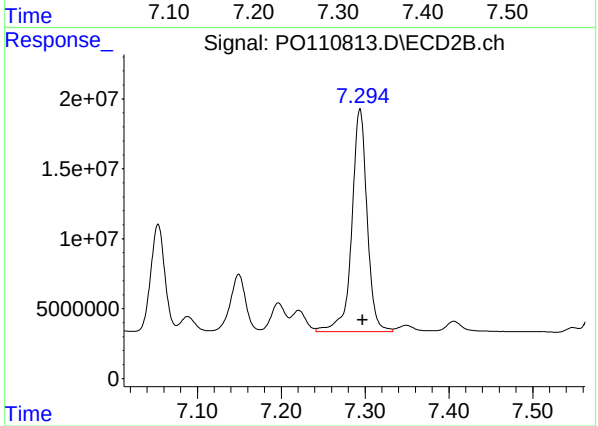
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 89331453
Conc: 445.23 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 496980121
Conc: 476.28 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 202554015
Conc: 441.43 ng/ml

Raw Data: **PO110828.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 01:54 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110828.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 01:54 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Raw Data: **PO110828.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL12 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110828.D **Time Analyzed:** 01:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	533.250	500.000	6.7
Aroclor-1016-2	4.795	4.698	4.898	530.720	500.000	6.1
Aroclor-1016-3	4.851	4.755	4.955	517.270	500.000	3.5
Aroclor-1016-4	4.972	4.875	5.075	528.730	500.000	5.7
Aroclor-1016-5	5.228	5.132	5.332	516.090	500.000	3.2
Aroclor-1260-1	6.268	6.172	6.372	501.350	500.000	0.3
Aroclor-1260-2	6.457	6.360	6.560	486.400	500.000	-2.7
Aroclor-1260-3	6.825	6.729	6.929	495.770	500.000	-0.8
Aroclor-1260-4	7.085	6.988	7.188	482.350	500.000	-3.5
Aroclor-1260-5	7.326	7.230	7.430	472.430	500.000	-5.5
Decachlorobiphenyl	8.726	8.632	8.832	42.980	50.000	-14.0
Tetrachloro-m-xylene	3.686	3.588	3.788	53.550	50.000	7.1

Raw Data: **PO110828.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL12 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110828.D **Time Analyzed:** 01:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	490.690	500.000	-1.9
Aroclor-1016-2	4.781	4.684	4.884	492.090	500.000	-1.6
Aroclor-1016-3	4.956	4.860	5.060	480.090	500.000	-4.0
Aroclor-1016-4	4.999	4.902	5.102	425.000	500.000	-15.0
Aroclor-1016-5	5.211	5.115	5.315	520.840	500.000	4.2
Aroclor-1260-1	6.242	6.146	6.346	474.070	500.000	-5.2
Aroclor-1260-2	6.429	6.334	6.534	460.340	500.000	-7.9
Aroclor-1260-3	6.582	6.487	6.687	452.580	500.000	-9.5
Aroclor-1260-4	7.053	6.957	7.157	448.210	500.000	-10.4
Aroclor-1260-5	7.294	7.197	7.397	444.750	500.000	-11.1
Decachlorobiphenyl	8.678	8.584	8.784	42.130	50.000	-15.7
Tetrachloro-m-xylene	3.683	3.586	3.786	50.480	50.000	1.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110828.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 01:54
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 06:08:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	468.5E6	251.9E6	53.550	50.481
2)	SA Decachlor...	8.726	8.678	339.3E6	81092609	42.979	42.126
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.762	175.0E6	86120819	533.254	490.690
4)	L1 AR-1016-2	4.795	4.781	241.4E6	123.7E6	530.715	492.093
5)	L1 AR-1016-3	4.851	4.956	166.8E6	65152808	517.272	480.085
6)	L1 AR-1016-4	4.972	4.999	131.7E6	48606579	528.730	425.002
7)	L1 AR-1016-5	5.228	5.211	138.8E6	77643904	516.095m	520.842
31)	L7 AR-1260-1	6.268	6.242	236.9E6	116.6E6	501.345	474.070
32)	L7 AR-1260-2	6.457	6.429	285.2E6	134.3E6	486.403	460.344
33)	L7 AR-1260-3	6.825	6.582	244.3E6	122.6E6	495.766	452.578
34)	L7 AR-1260-4	7.085	7.053	204.7E6	89928700	482.348	448.209
35)	L7 AR-1260-5	7.326	7.294	493.0E6	204.1E6	472.430	444.752

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110828.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 01:54
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

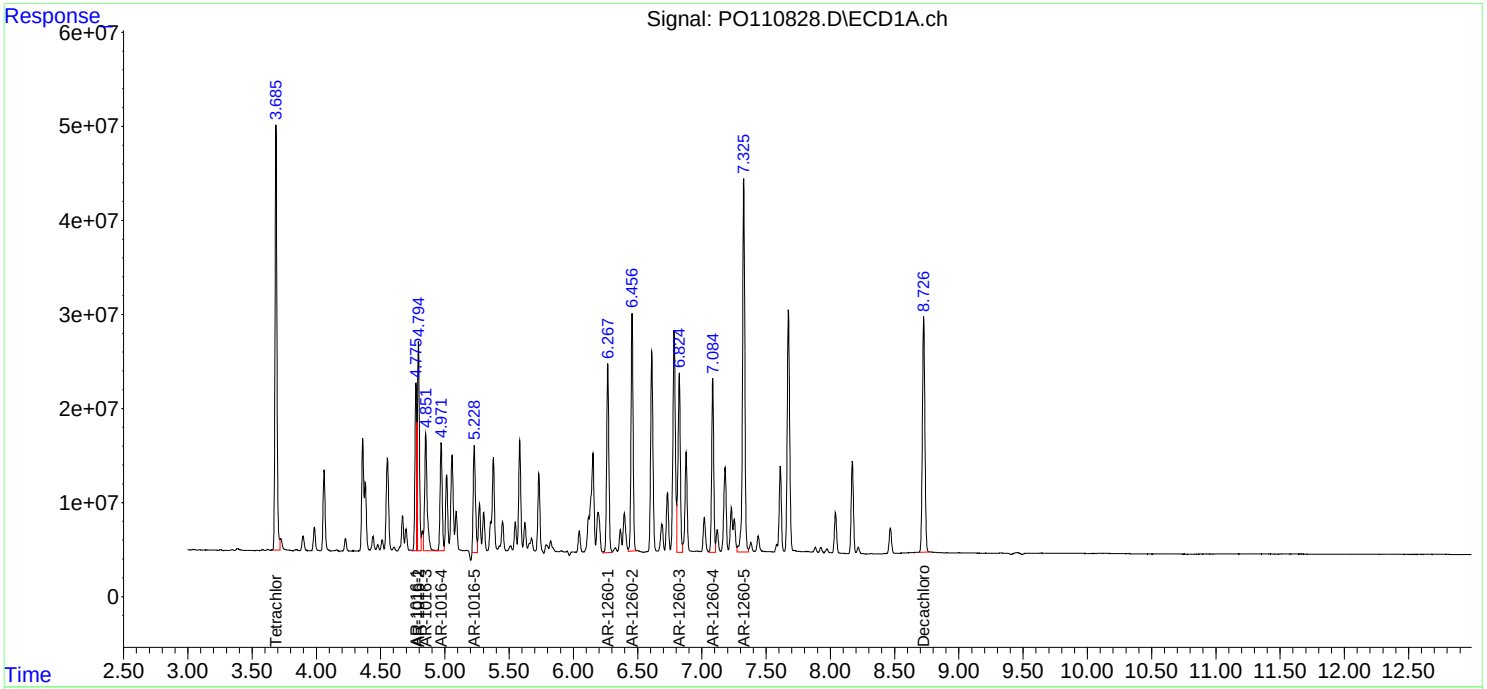
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

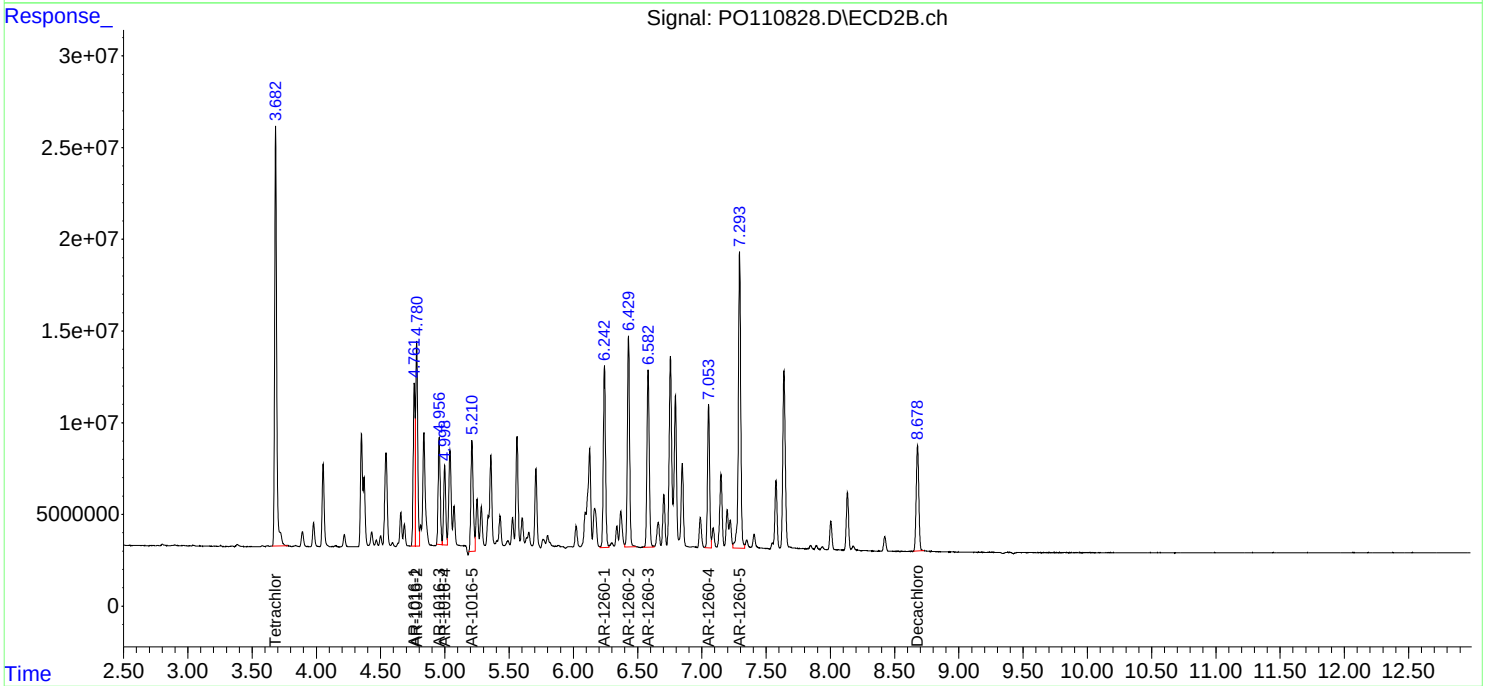
Manual Integrations APPROVED

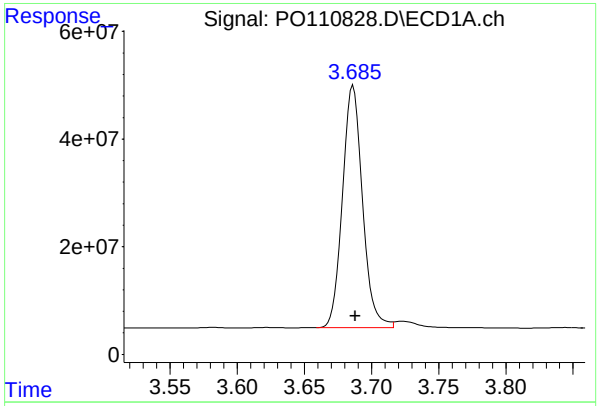
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 06:08:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







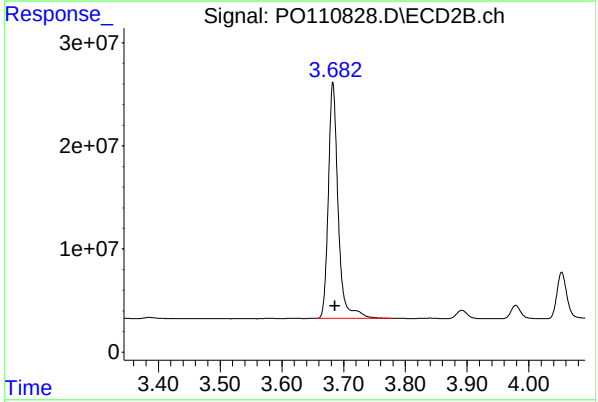
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 468512790
Conc: 53.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

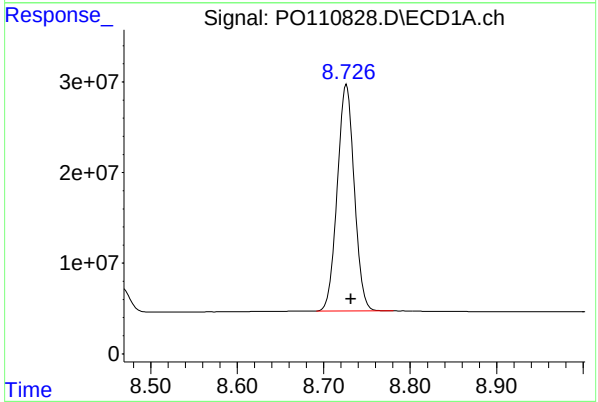
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



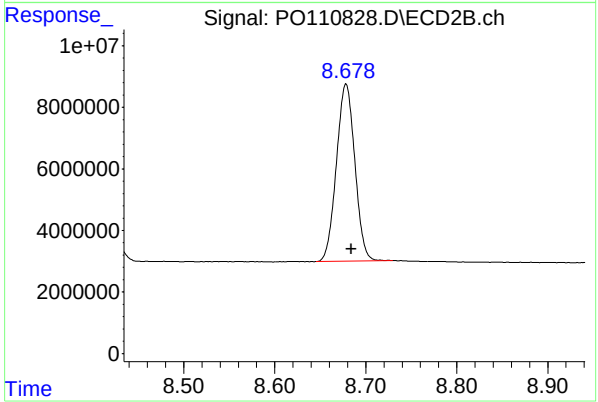
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 251886935
Conc: 50.48 ng/ml



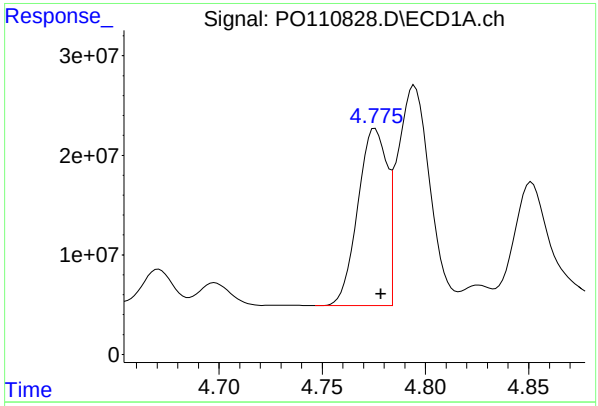
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.005 min
Response: 339316237
Conc: 42.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 81092609
Conc: 42.13 ng/ml



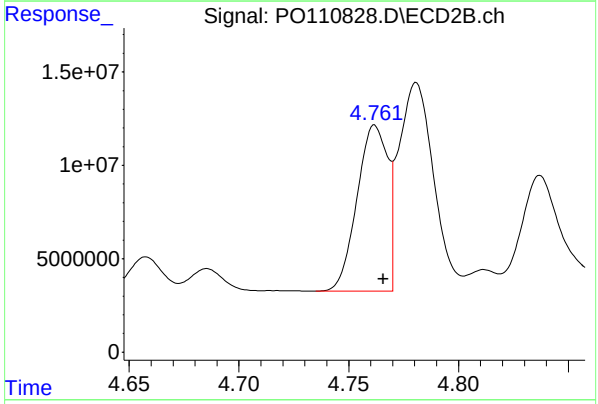
#3 AR-1016-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 174983850
Conc: 533.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

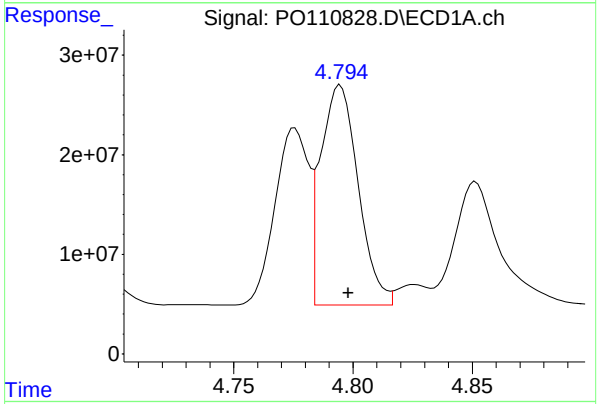
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



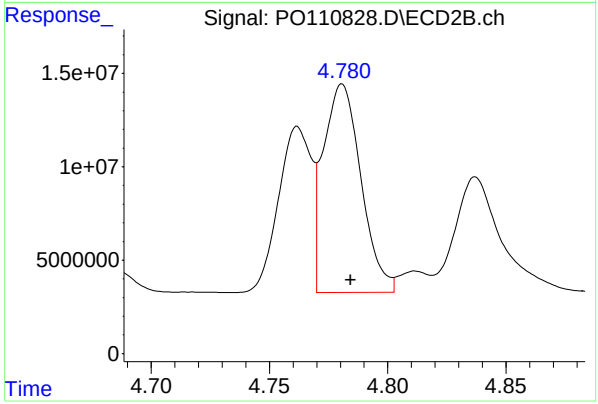
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 86120819
Conc: 490.69 ng/ml



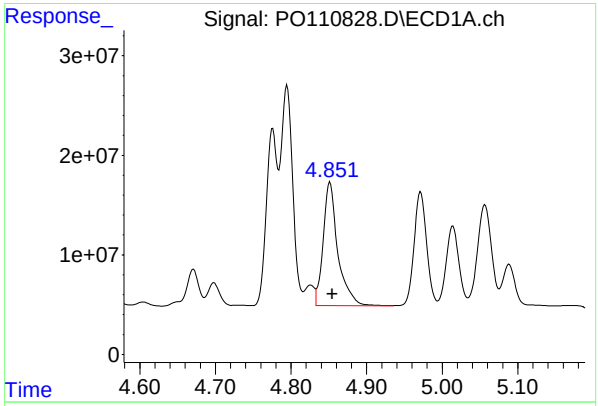
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 241447973
Conc: 530.72 ng/ml



#4 AR-1016-2

R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 123744068
Conc: 492.09 ng/ml



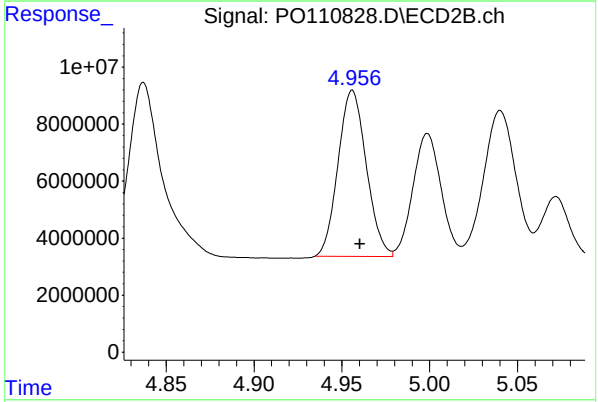
#5 AR-1016-3

R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 166834635
Conc: 517.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

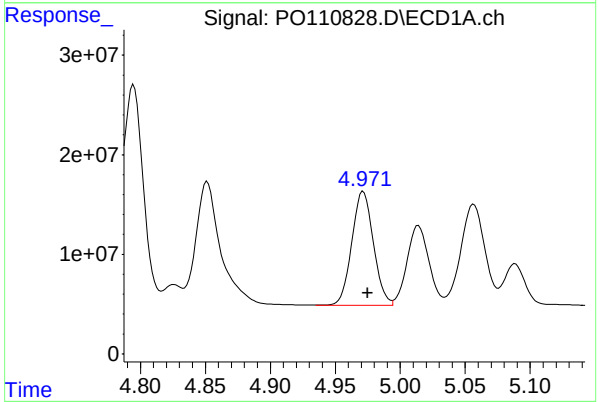
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



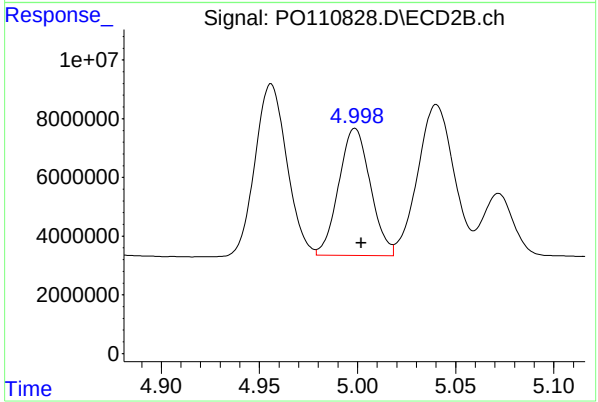
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 65152808
Conc: 480.09 ng/ml



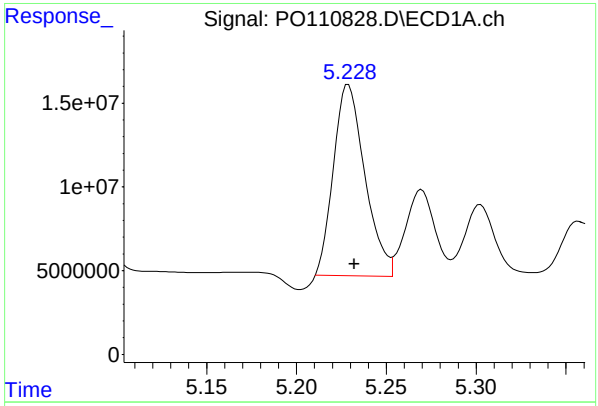
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 131740715
Conc: 528.73 ng/ml



#6 AR-1016-4

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 48606579
Conc: 425.00 ng/ml



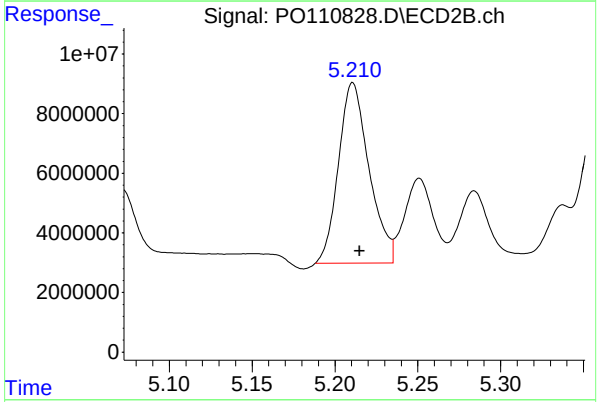
#7 AR-1016-5

R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 138835452
Conc: 516.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

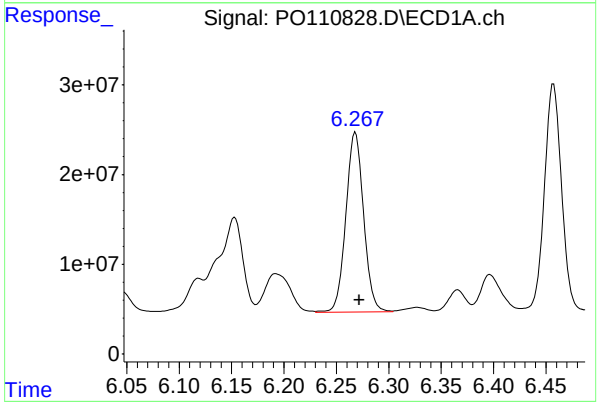
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



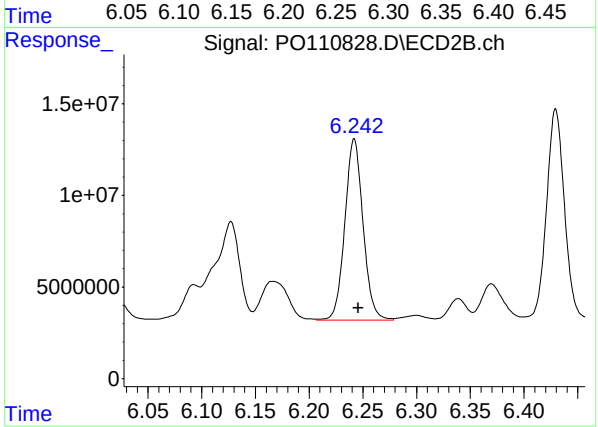
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 77643904
Conc: 520.84 ng/ml



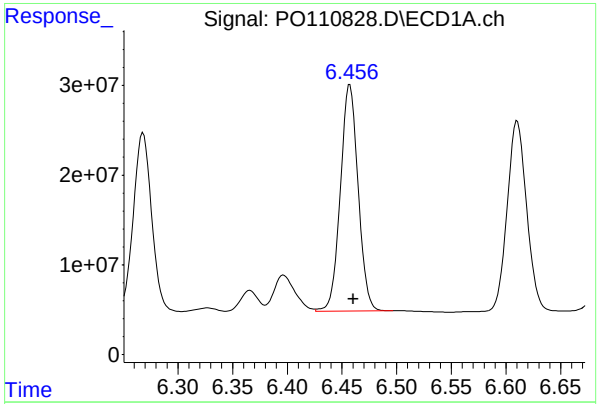
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 236858147
Conc: 501.35 ng/ml



#31 AR-1260-1

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 116604043
Conc: 474.07 ng/ml



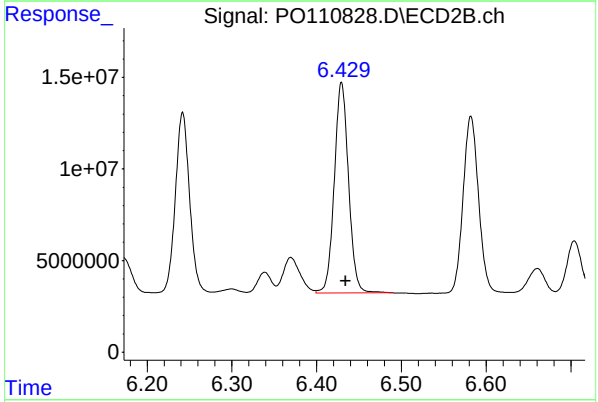
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 285238804
Conc: 486.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

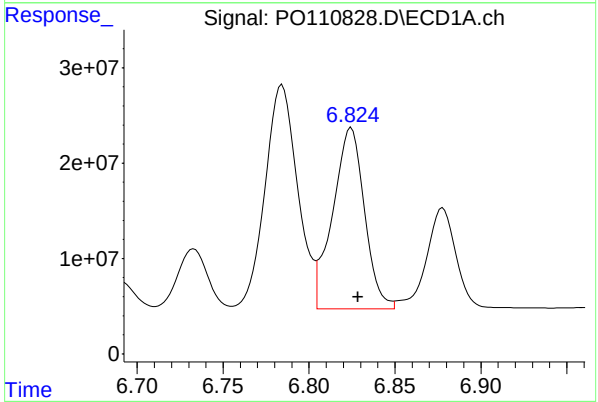
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



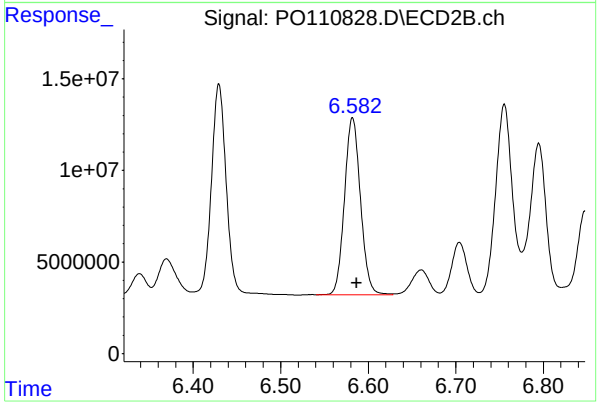
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 134305698
Conc: 460.34 ng/ml



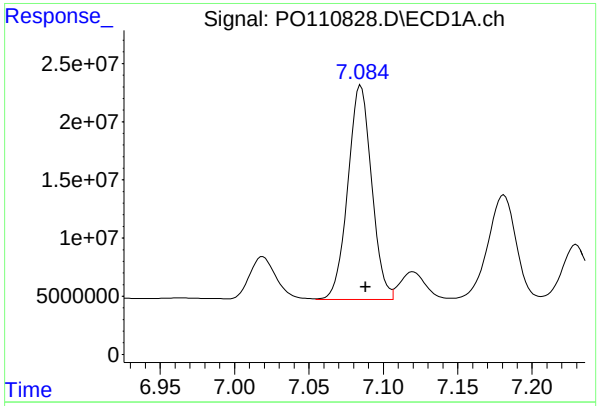
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 244349417
Conc: 495.77 ng/ml



#33 AR-1260-3

R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 122596124
Conc: 452.58 ng/ml



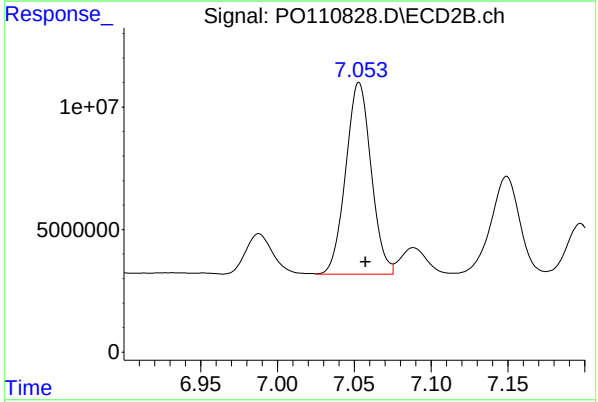
#34 AR-1260-4

R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 204719605
Conc: 482.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

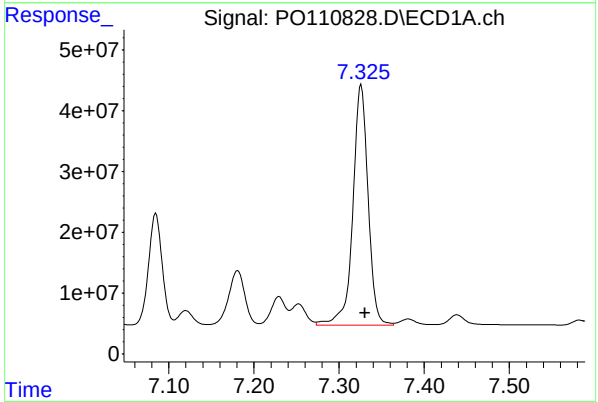
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



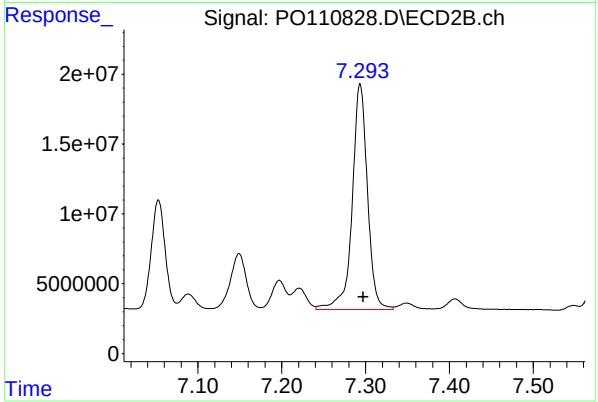
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 89928700
Conc: 448.21 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 492967509
Conc: 472.43 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 204077731
Conc: 444.75 ng/ml

Raw Data: **PO110840.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 06:57 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.82	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110840.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 06:57 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Raw Data: **PO110840.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL13 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110840.D **Time Analyzed:** 06:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	535.490	500.000	7.1
Aroclor-1016-2	4.795	4.698	4.898	538.890	500.000	7.8
Aroclor-1016-3	4.851	4.755	4.955	521.500	500.000	4.3
Aroclor-1016-4	4.972	4.875	5.075	531.460	500.000	6.3
Aroclor-1016-5	5.228	5.132	5.332	519.550	500.000	3.9
Aroclor-1260-1	6.269	6.172	6.372	538.450	500.000	7.7
Aroclor-1260-2	6.458	6.360	6.560	520.390	500.000	4.1
Aroclor-1260-3	6.824	6.729	6.929	508.610	500.000	1.7
Aroclor-1260-4	7.085	6.988	7.188	497.730	500.000	-0.5
Aroclor-1260-5	7.327	7.230	7.430	489.760	500.000	-2.0
Decachlorobiphenyl	8.727	8.632	8.832	44.710	50.000	-10.6
Tetrachloro-m-xylene	3.686	3.588	3.788	53.930	50.000	7.9

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL13 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110840.D **Time Analyzed:** 06:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	509.860	500.000	2.0
Aroclor-1016-2	4.781	4.684	4.884	514.080	500.000	2.8
Aroclor-1016-3	4.956	4.860	5.060	490.500	500.000	-1.9
Aroclor-1016-4	4.999	4.902	5.102	420.220	500.000	-16.0
Aroclor-1016-5	5.211	5.115	5.315	544.220	500.000	8.8
Aroclor-1260-1	6.242	6.146	6.346	496.360	500.000	-0.7
Aroclor-1260-2	6.430	6.334	6.534	486.020	500.000	-2.8
Aroclor-1260-3	6.583	6.487	6.687	471.250	500.000	-5.8
Aroclor-1260-4	7.053	6.957	7.157	470.770	500.000	-5.8
Aroclor-1260-5	7.294	7.197	7.397	480.410	500.000	-3.9
Decachlorobiphenyl	8.679	8.584	8.784	47.270	50.000	-5.5
Tetrachloro-m-xylene	3.683	3.586	3.786	51.790	50.000	3.6

Sample Results: **PO110840.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 06:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 07:18:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	471.9E6	258.4E6	53.935	51.788
2)	SA Decachlor...	8.727	8.679	352.9E6	90992484	44.705	47.269
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.762	175.7E6	89485642	535.491	509.862
4)	L1 AR-1016-2	4.795	4.781	245.2E6	129.3E6	538.890	514.085
5)	L1 AR-1016-3	4.851	4.956	168.2E6	66566796	521.501	490.504
6)	L1 AR-1016-4	4.972	4.999	132.4E6	48059417	531.459	420.218
7)	L1 AR-1016-5	5.228	5.211	139.8E6	81129608	519.554m	544.224
31)	L7 AR-1260-1	6.269	6.242	254.4E6	122.1E6	538.450	496.364
32)	L7 AR-1260-2	6.458	6.430	305.2E6	141.8E6	520.385	486.024
33)	L7 AR-1260-3	6.824	6.583	250.7E6	127.7E6	508.610	471.248
34)	L7 AR-1260-4	7.085	7.053	211.2E6	94455651	497.727	470.772
35)	L7 AR-1260-5	7.327	7.294	511.0E6	220.4E6	489.757	480.414

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 06:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

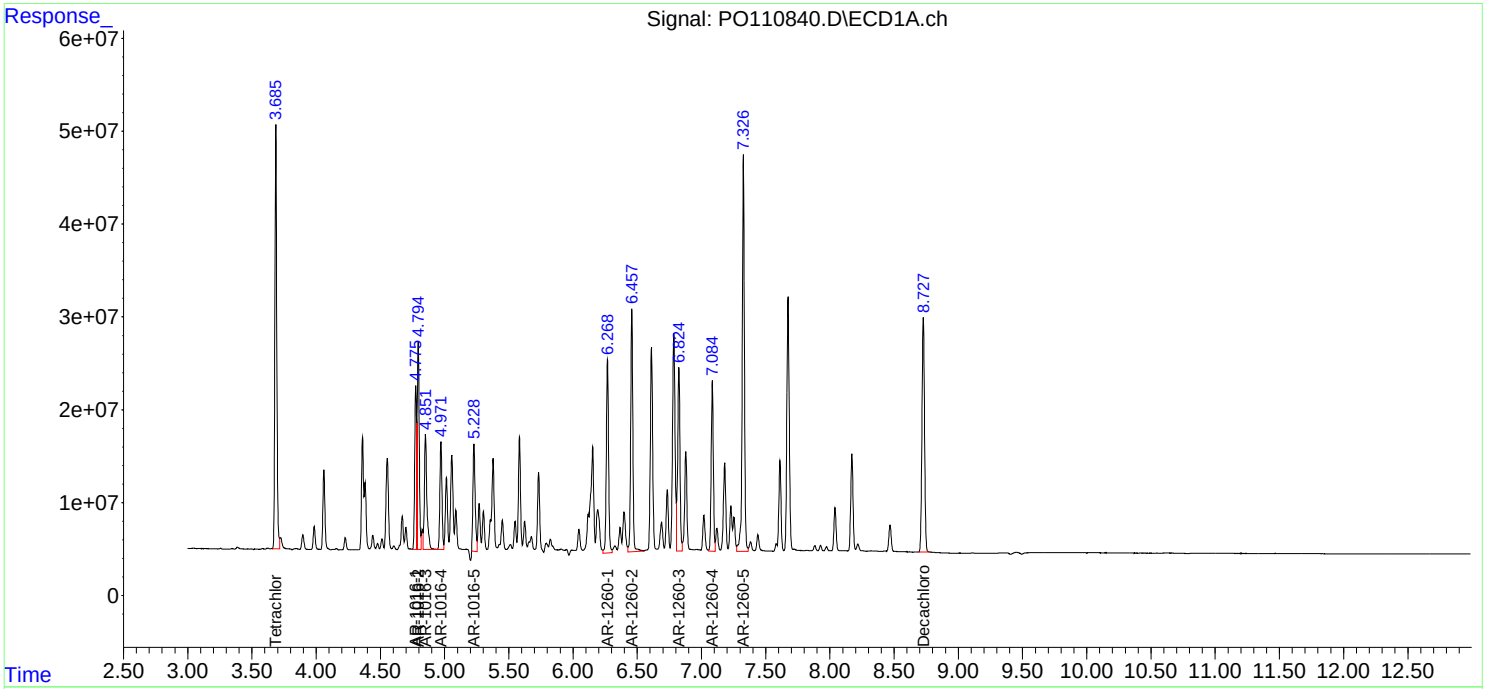
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

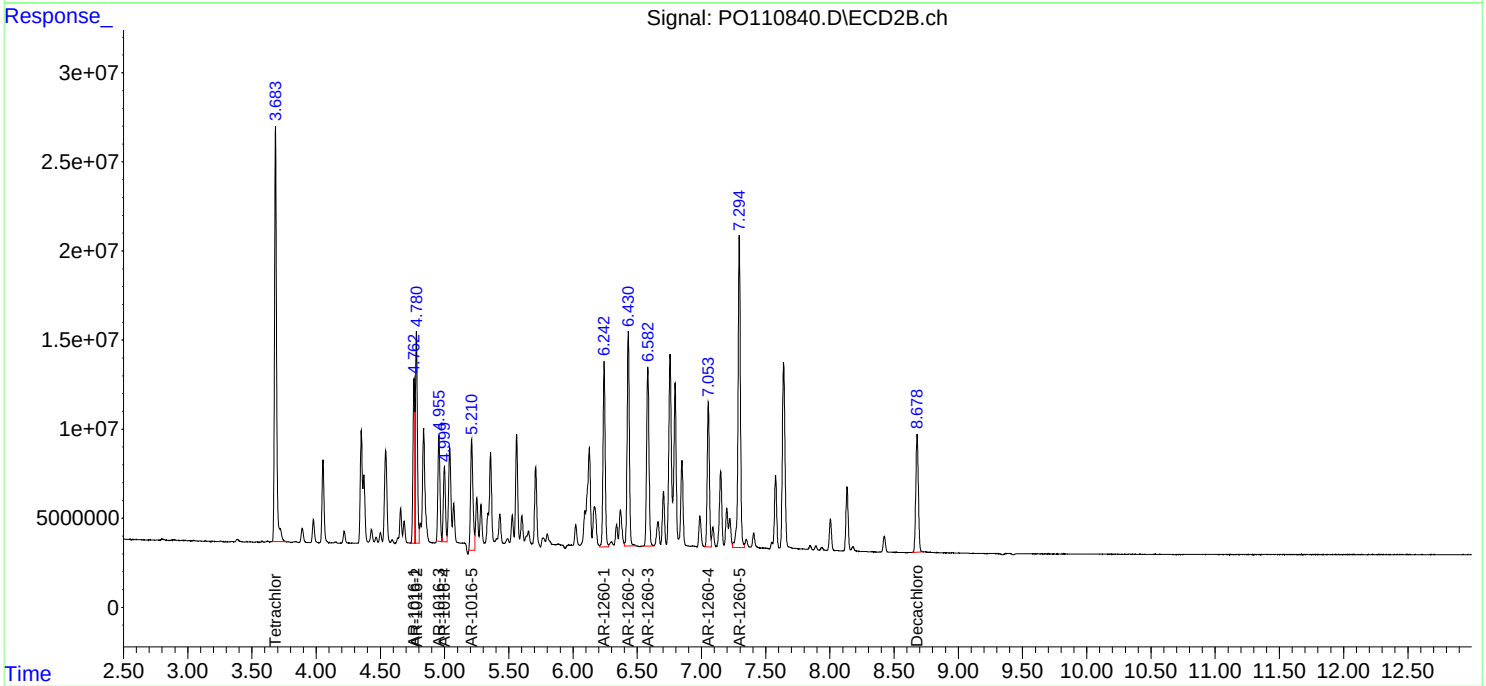
Manual Integrations APPROVED

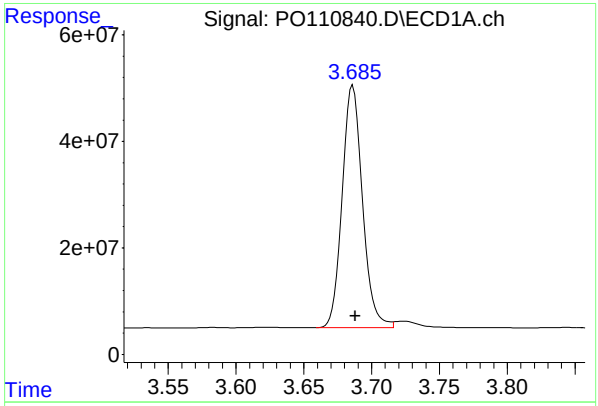
Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 07:18:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







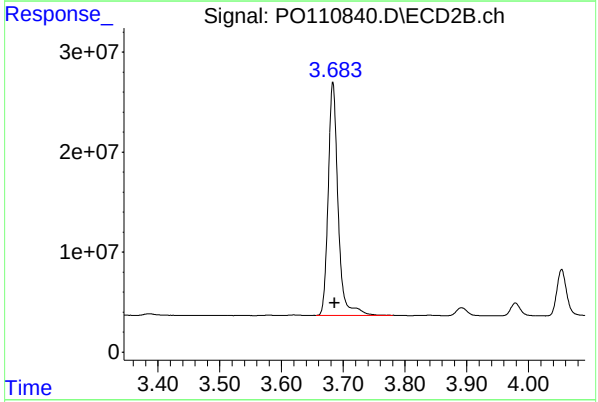
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 471876245
Conc: 53.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

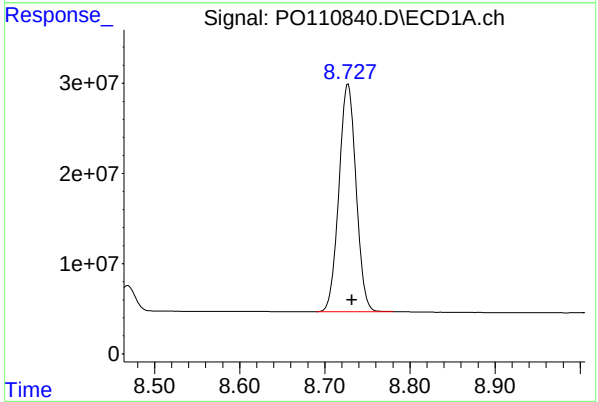
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



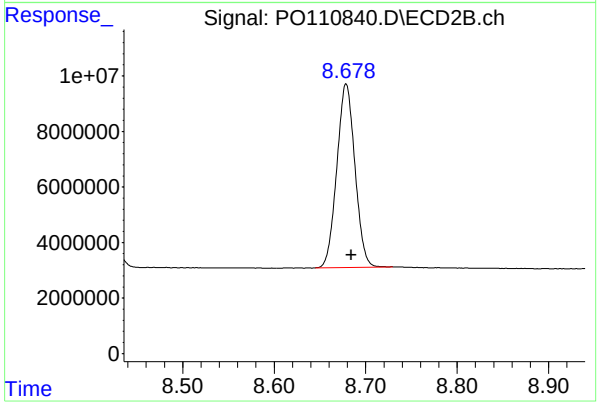
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 258412252
Conc: 51.79 ng/ml



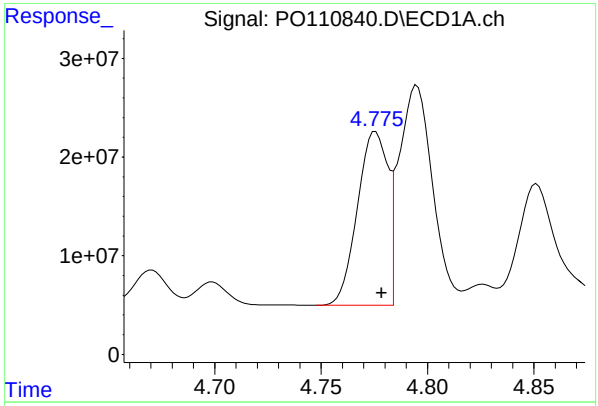
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 352944940
Conc: 44.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 90992484
Conc: 47.27 ng/ml



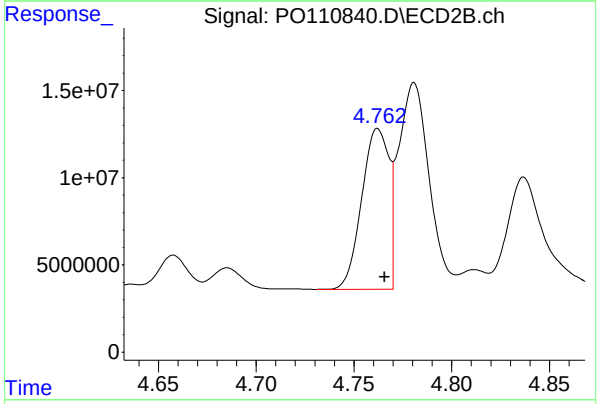
#3 AR-1016-1

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 175718061
Conc: 535.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

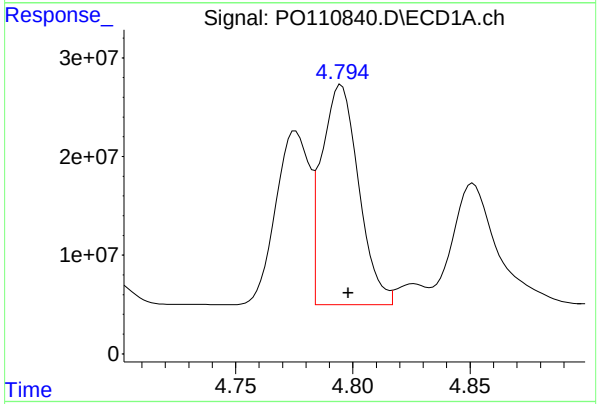
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



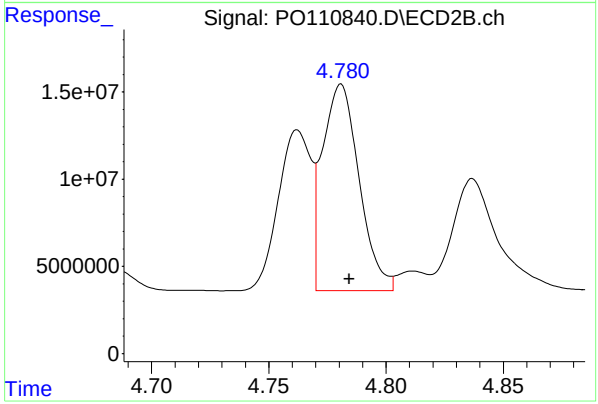
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 89485642
Conc: 509.86 ng/ml



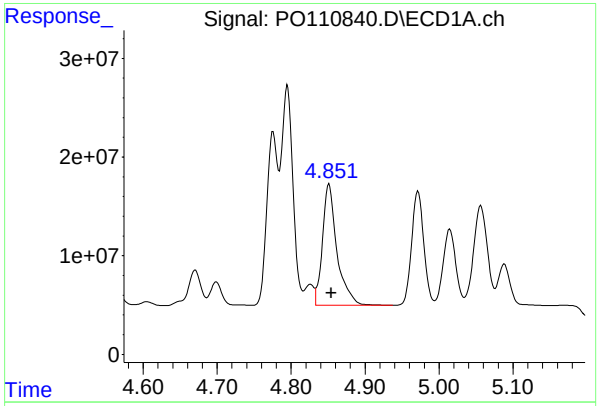
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 245167089
Conc: 538.89 ng/ml



#4 AR-1016-2

R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 129274272
Conc: 514.08 ng/ml



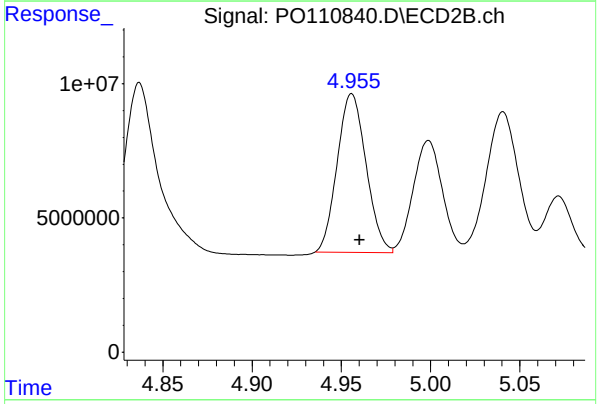
#5 AR-1016-3

R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 168198517
Conc: 521.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

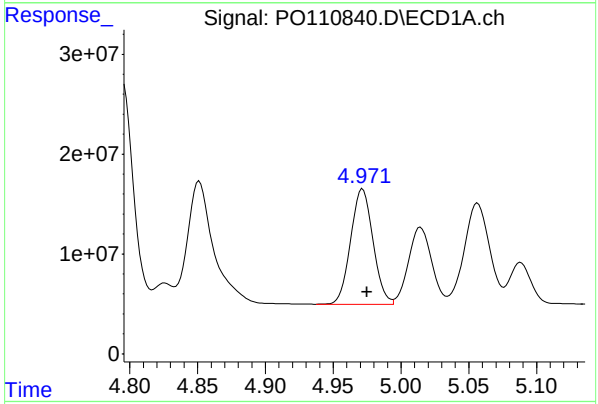
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



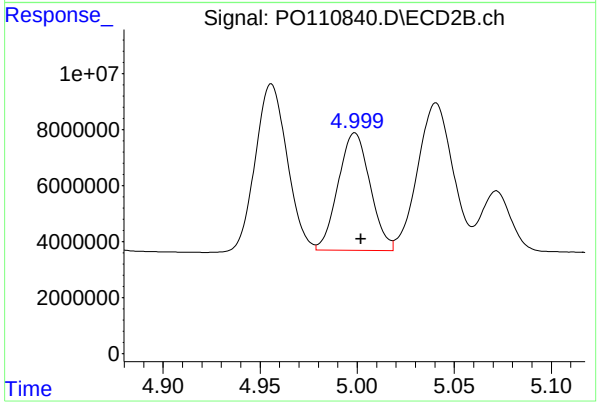
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 66566796
Conc: 490.50 ng/ml



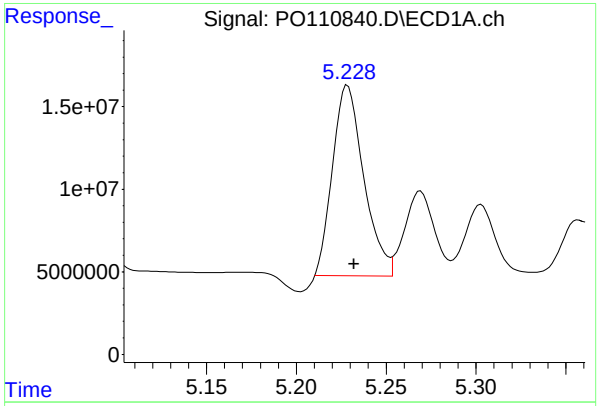
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 132420832
Conc: 531.46 ng/ml



#6 AR-1016-4

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 48059417
Conc: 420.22 ng/ml



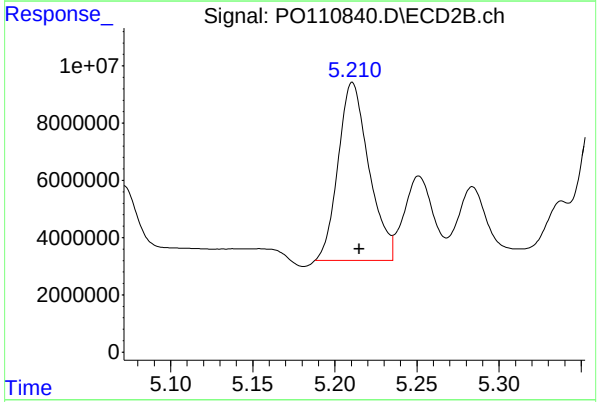
#7 AR-1016-5

R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 139766136
Conc: 519.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

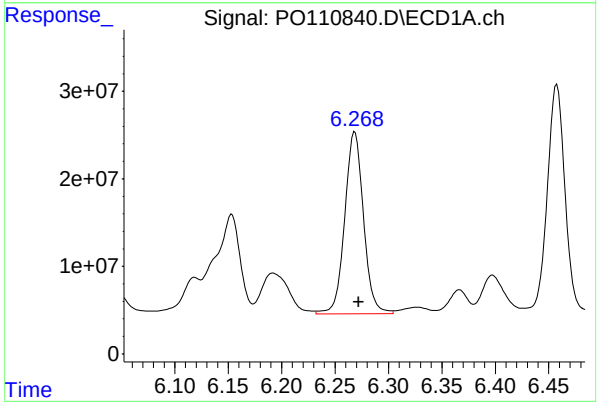
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



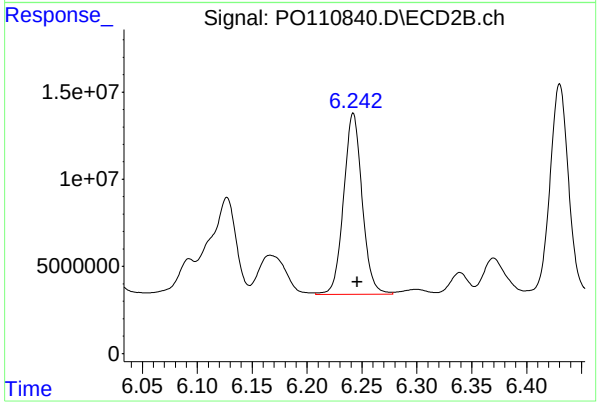
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 81129608
Conc: 544.22 ng/ml



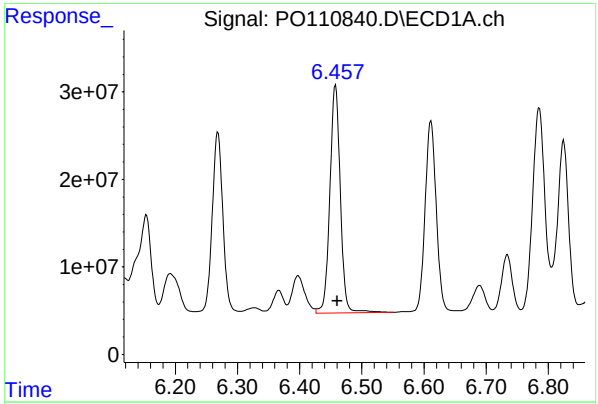
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 254388112
Conc: 538.45 ng/ml



#31 AR-1260-1

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 122087550
Conc: 496.36 ng/ml



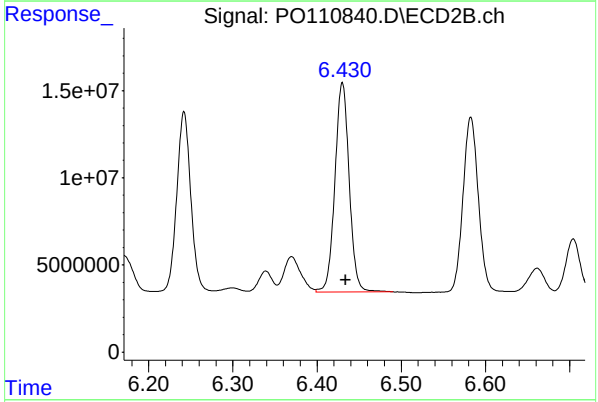
#32 AR-1260-2

R.T.: 6.458 min
Delta R.T.: -0.003 min
Response: 305166593
Conc: 520.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

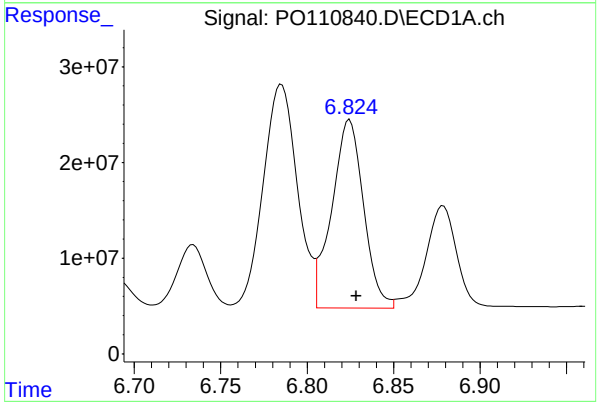
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



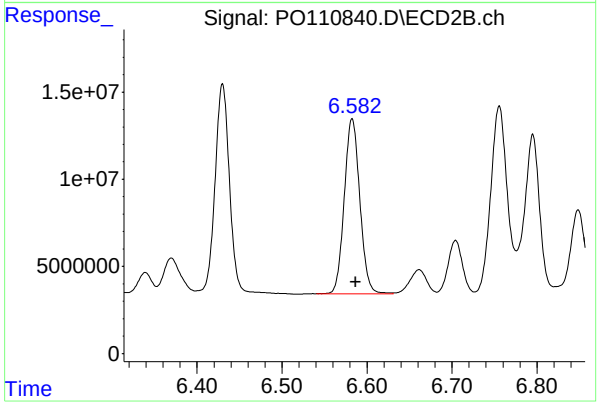
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 141797816
Conc: 486.02 ng/ml



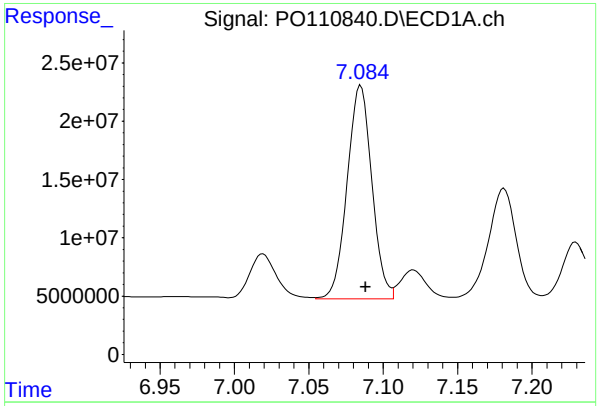
#33 AR-1260-3

R.T.: 6.824 min
Delta R.T.: -0.004 min
Response: 250679924
Conc: 508.61 ng/ml



#33 AR-1260-3

R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 127653670
Conc: 471.25 ng/ml



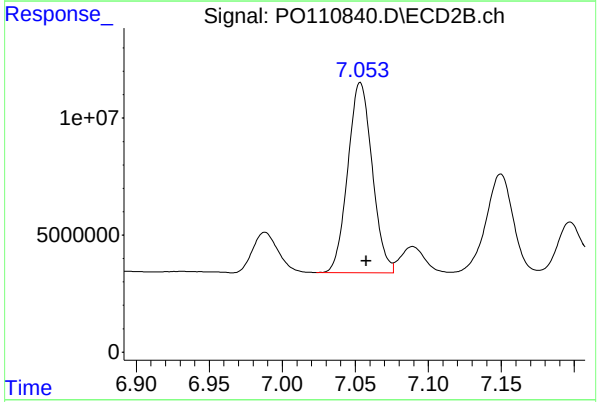
#34 AR-1260-4

R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 211246940
Conc: 497.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

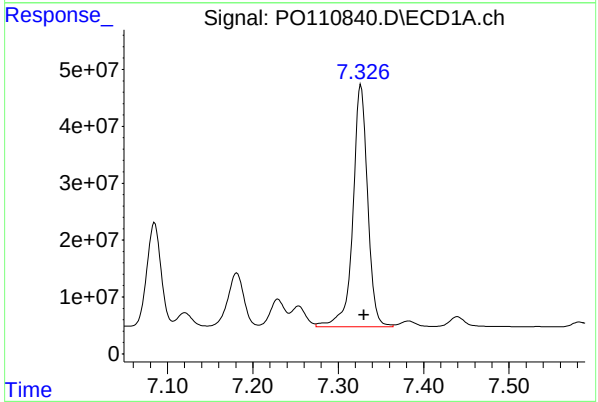
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



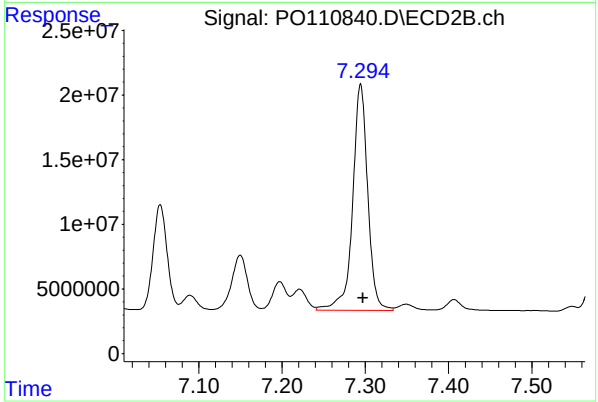
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 94455651
Conc: 470.77 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 511047764
Conc: 489.76 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 220441705
Conc: 480.41 ng/ml

Raw Data: **PO110846.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 09:24 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.82	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110846.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 09:24 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL14 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110846.D **Time Analyzed:** 09:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.775	4.679	4.879	554.440	500.000	10.9
Aroclor-1016-2	4.795	4.698	4.898	558.040	500.000	11.6
Aroclor-1016-3	4.851	4.755	4.955	542.460	500.000	8.5
Aroclor-1016-4	4.971	4.875	5.075	553.630	500.000	10.7
Aroclor-1016-5	5.228	5.132	5.332	543.180	500.000	8.6
Aroclor-1260-1	6.268	6.172	6.372	535.720	500.000	7.1
Aroclor-1260-2	6.457	6.360	6.560	519.830	500.000	4.0
Aroclor-1260-3	6.824	6.729	6.929	522.530	500.000	4.5
Aroclor-1260-4	7.085	6.988	7.188	513.390	500.000	2.7
Aroclor-1260-5	7.326	7.230	7.430	515.480	500.000	3.1
Decachlorobiphenyl	8.727	8.632	8.832	47.400	50.000	-5.2
Tetrachloro-m-xylene	3.686	3.588	3.788	56.210	50.000	12.4

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL14 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110846.D **Time Analyzed:** 09:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.762	4.666	4.866	520.260	500.000	4.1
Aroclor-1016-2	4.781	4.684	4.884	519.530	500.000	3.9
Aroclor-1016-3	4.956	4.860	5.060	502.490	500.000	0.5
Aroclor-1016-4	4.998	4.902	5.102	493.190	500.000	-1.4
Aroclor-1016-5	5.211	5.115	5.315	490.700	500.000	-1.9
Aroclor-1260-1	6.242	6.146	6.346	492.670	500.000	-1.5
Aroclor-1260-2	6.430	6.334	6.534	484.910	500.000	-3.0
Aroclor-1260-3	6.582	6.487	6.687	480.540	500.000	-3.9
Aroclor-1260-4	7.053	6.957	7.157	480.890	500.000	-3.8
Aroclor-1260-5	7.294	7.197	7.397	482.240	500.000	-3.6
Decachlorobiphenyl	8.679	8.584	8.784	46.500	50.000	-7.0
Tetrachloro-m-xylene	3.683	3.586	3.786	53.130	50.000	6.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 09:24
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:21:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	491.8E6	265.1E6	56.209	53.129
2)	SA Decachlor...	8.727	8.679	374.2E6	89516389	47.402	46.502
	Target Compounds						
3)	L1 AR-1016-1	4.775	4.762	181.9E6	91310307	554.436	520.258
4)	L1 AR-1016-2	4.795	4.781	253.9E6	130.6E6	558.043	519.530
5)	L1 AR-1016-3	4.851	4.956	175.0E6	68193575	542.456	502.491
6)	L1 AR-1016-4	4.971	4.998	137.9E6	56404722	553.628	493.187
7)	L1 AR-1016-5	5.228	5.211	146.1E6	73150003	543.178	490.696
31)	L7 AR-1260-1	6.268	6.242	253.1E6	121.2E6	535.716	492.669
32)	L7 AR-1260-2	6.457	6.430	304.8E6	141.5E6	519.834	484.907
33)	L7 AR-1260-3	6.824	6.582	257.5E6	130.2E6	522.531	480.536
34)	L7 AR-1260-4	7.085	7.053	217.9E6	96484957	513.388	480.886
35)	L7 AR-1260-5	7.326	7.294	537.9E6	221.3E6	515.484	482.241

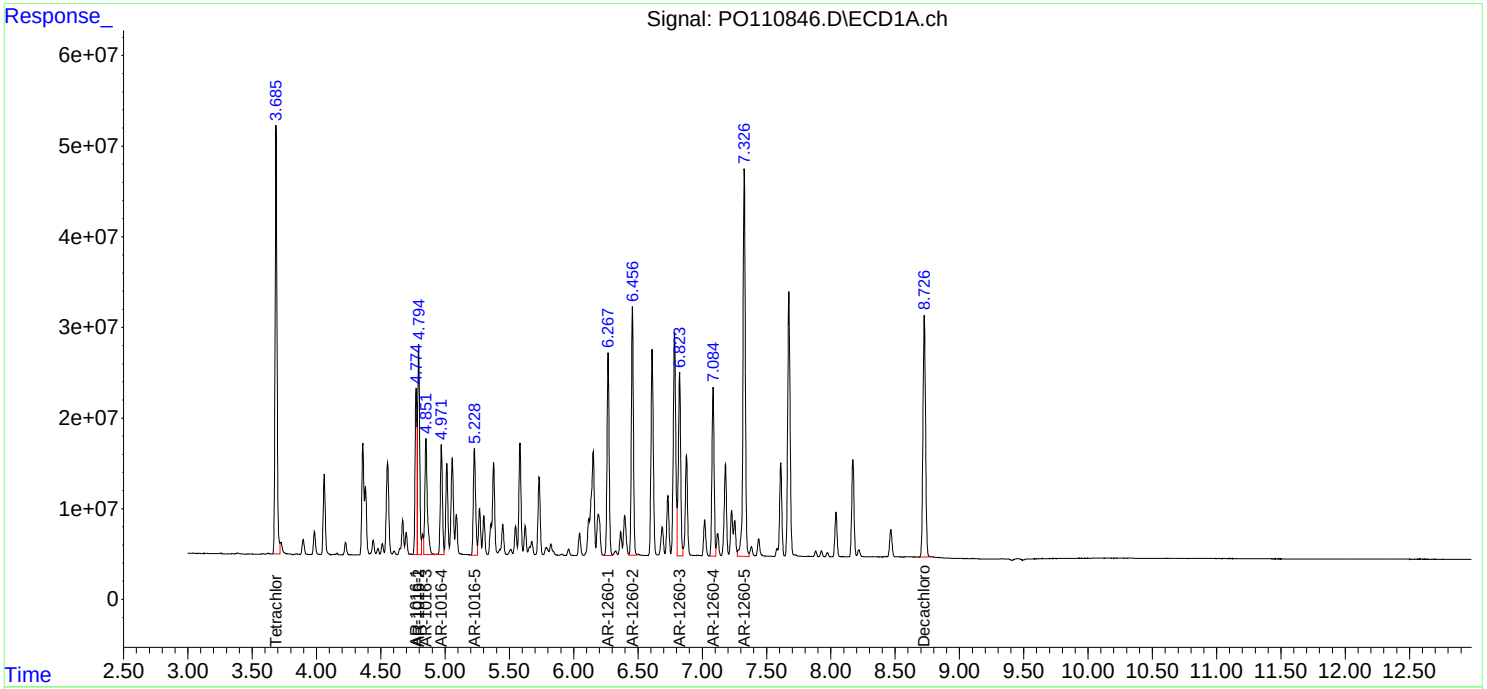
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

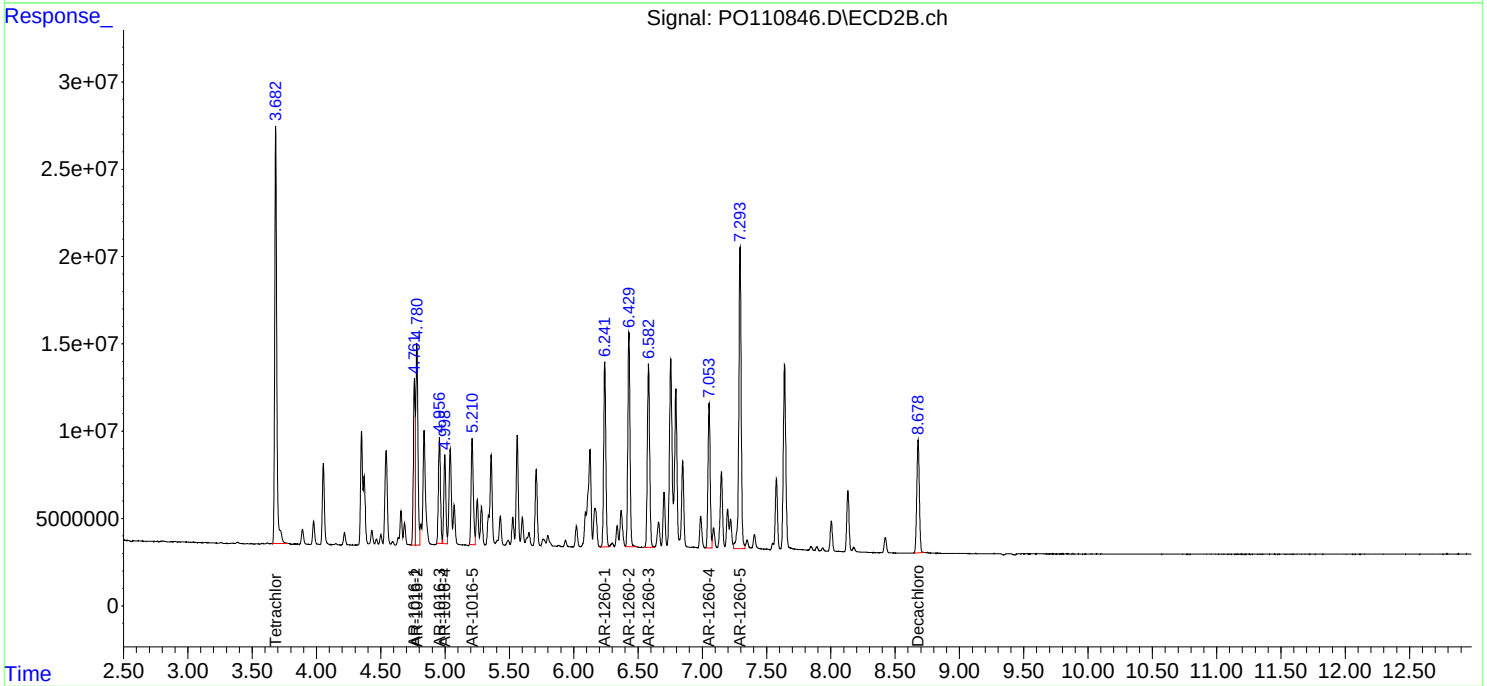
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 09:24
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

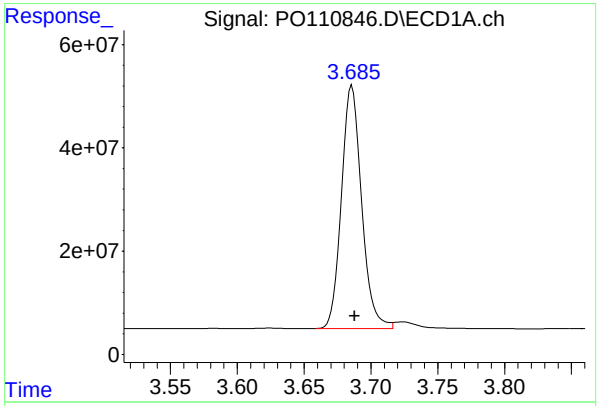
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:21:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



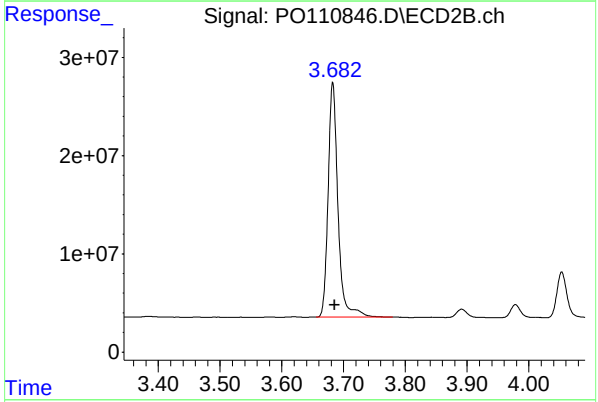




#1 Tetrachloro-m-xylene

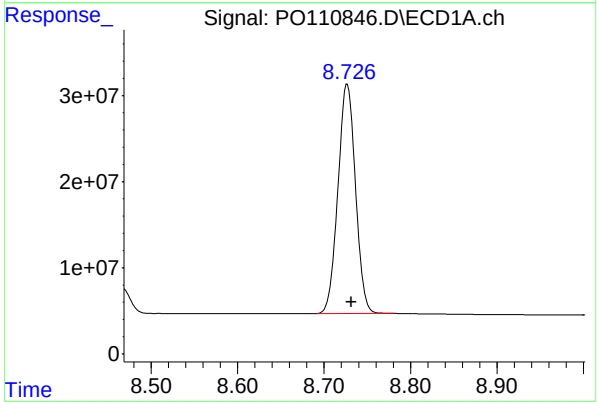
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 491775700
Conc: 56.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



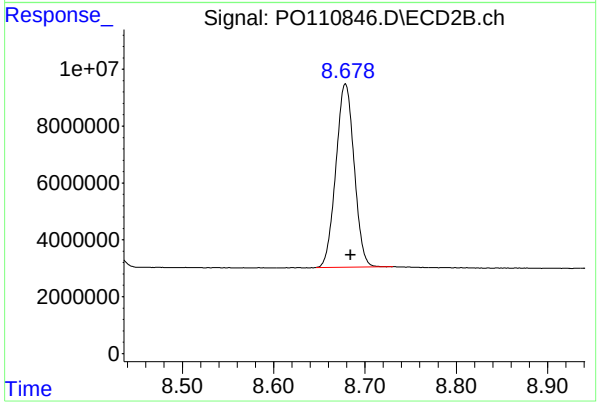
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 265100883
Conc: 53.13 ng/ml



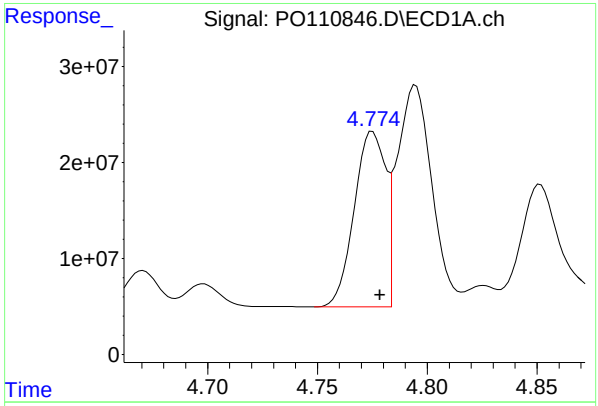
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 374237629
Conc: 47.40 ng/ml



#2 Decachlorobiphenyl

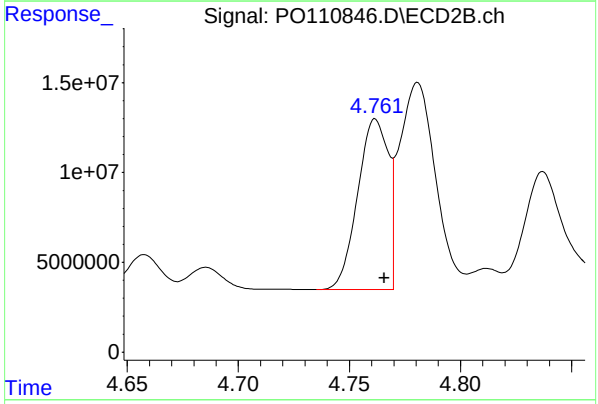
R.T.: 8.679 min
Delta R.T.: -0.006 min
Response: 89516389
Conc: 46.50 ng/ml



#3 AR-1016-1

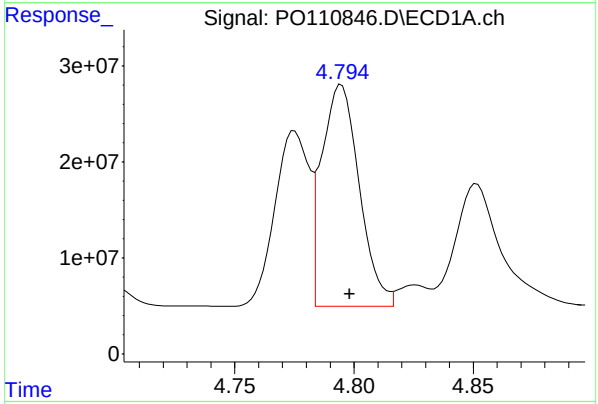
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 181934708
Conc: 554.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



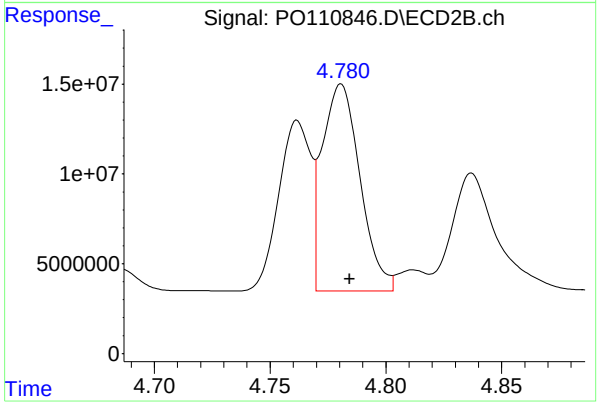
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 91310307
Conc: 520.26 ng/ml



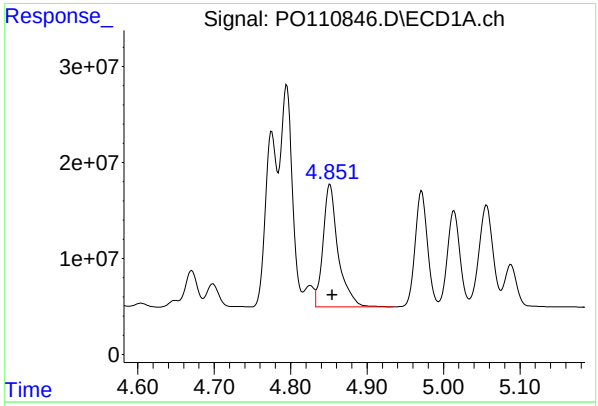
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 253880733
Conc: 558.04 ng/ml



#4 AR-1016-2

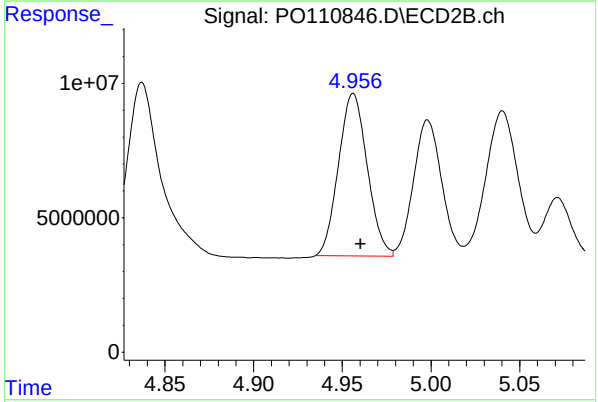
R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 130643641
Conc: 519.53 ng/ml



#5 AR-1016-3

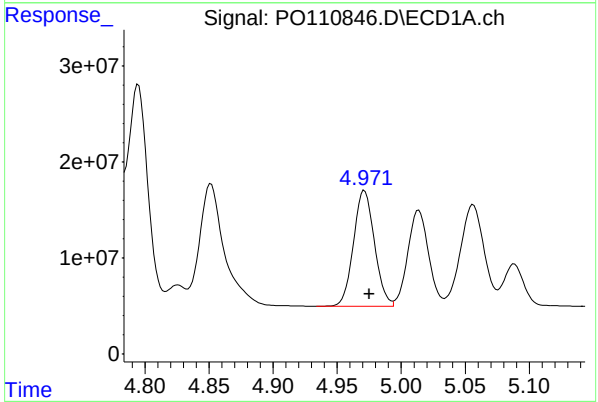
R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 174957072
Conc: 542.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



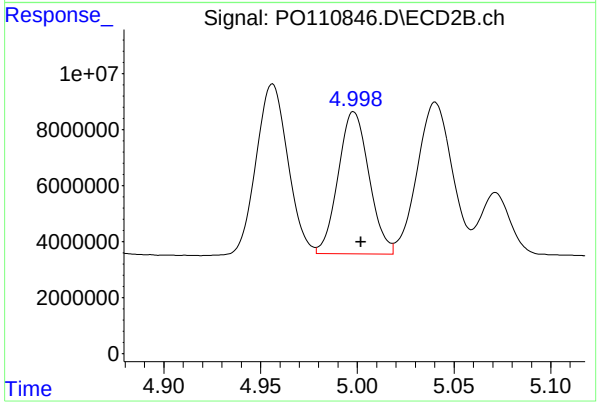
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 68193575
Conc: 502.49 ng/ml



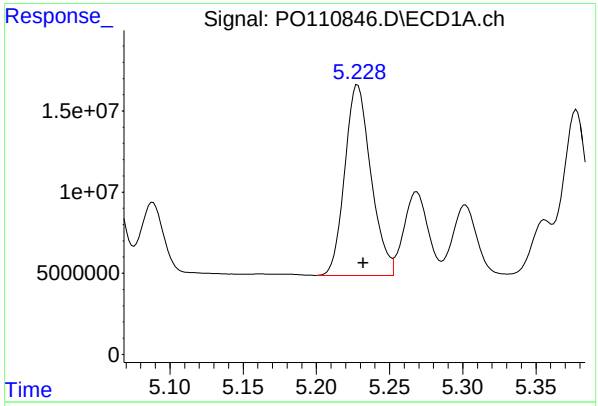
#6 AR-1016-4

R.T.: 4.971 min
Delta R.T.: -0.004 min
Response: 137944453
Conc: 553.63 ng/ml



#6 AR-1016-4

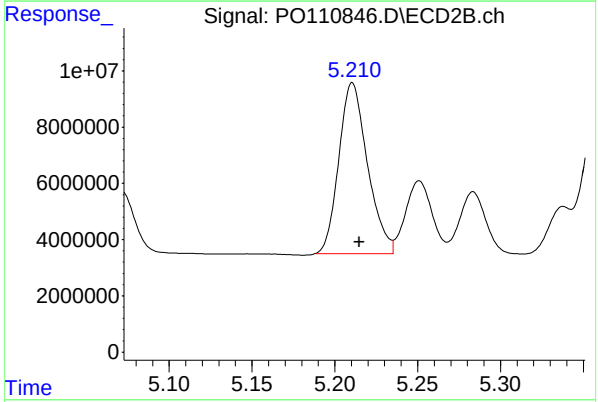
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 56404722
Conc: 493.19 ng/ml



#7 AR-1016-5

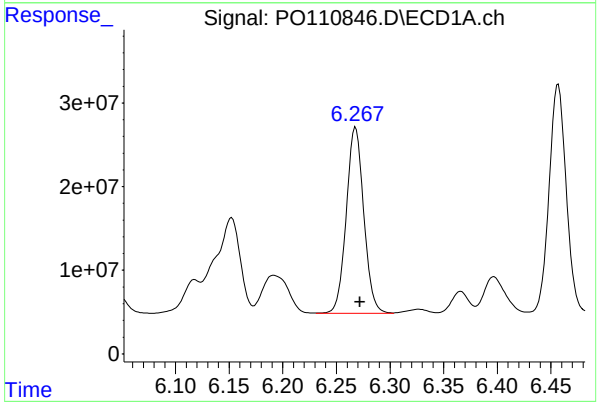
R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 146121301
Conc: 543.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



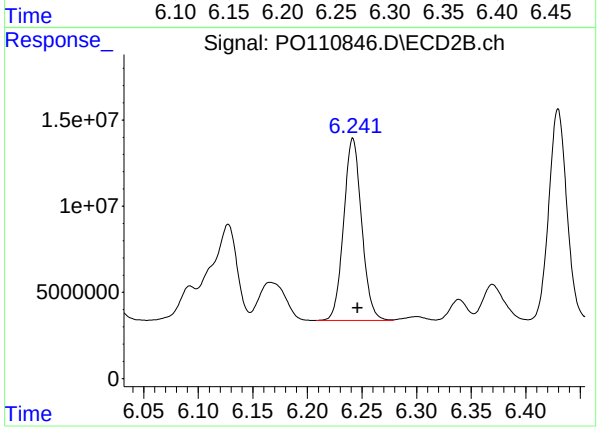
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 73150003
Conc: 490.70 ng/ml



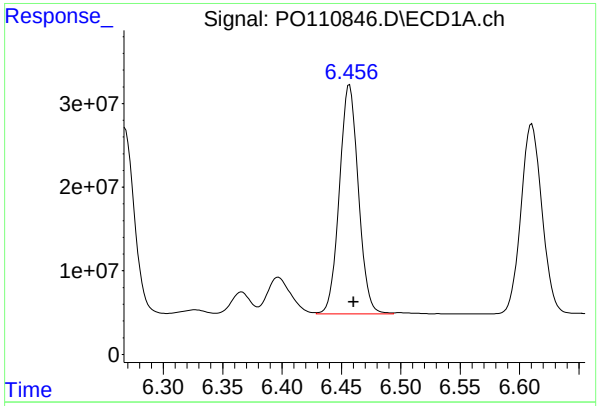
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 253096552
Conc: 535.72 ng/ml



#31 AR-1260-1

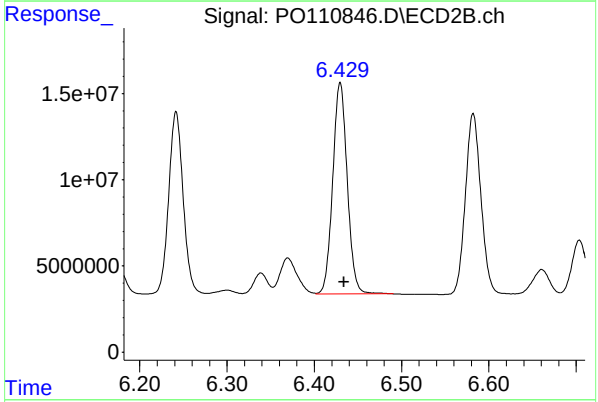
R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 121178736
Conc: 492.67 ng/ml



#32 AR-1260-2

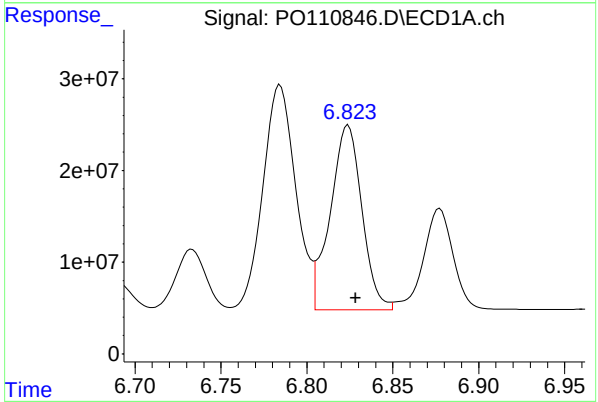
R.T.: 6.457 min
Delta R.T.: -0.003 mi
Response: 304843235
Conc: 519.83 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



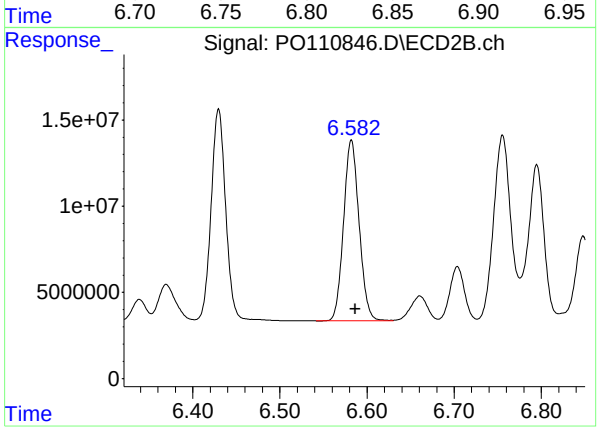
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 141472132
Conc: 484.91 ng/ml



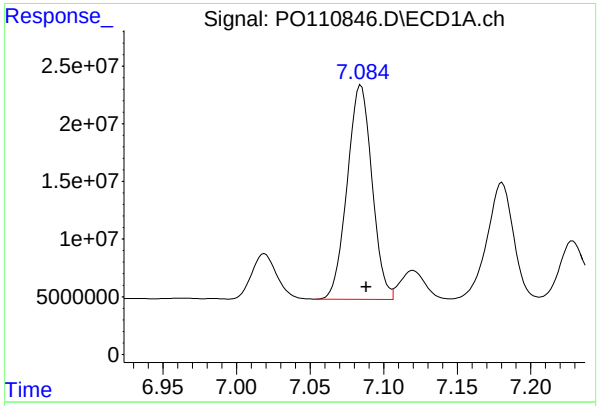
#33 AR-1260-3

R.T.: 6.824 min
Delta R.T.: -0.004 min
Response: 257540996
Conc: 522.53 ng/ml



#33 AR-1260-3

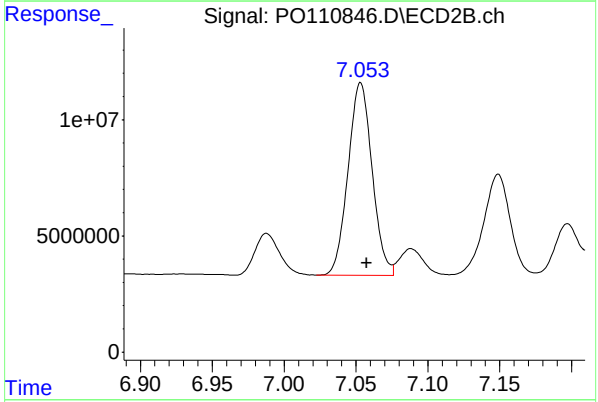
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 130169665
Conc: 480.54 ng/ml



#34 AR-1260-4

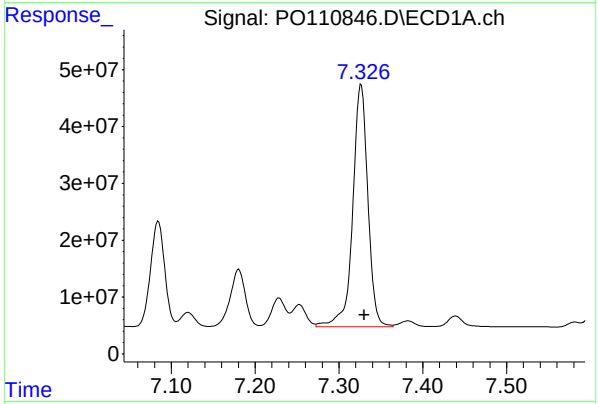
R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 217893666
Conc: 513.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



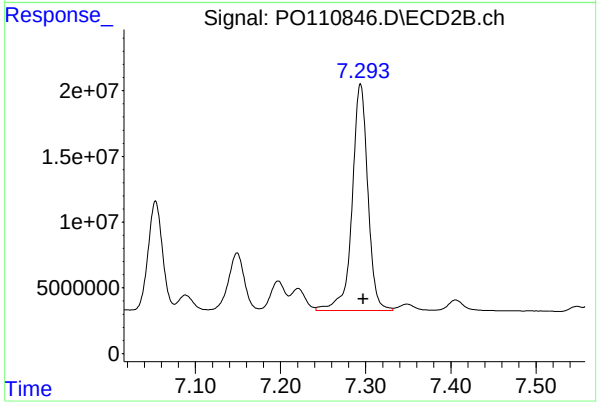
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 96484957
Conc: 480.89 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 537892944
Conc: 515.48 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 221279829
Conc: 482.24 ng/ml

Raw Data: **PO110861.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 15:58 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.83	6.73	6.93	0.01
Aroclor-1260-4	(4)	7.08	7.09	6.99	7.19	0.01
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110861.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/10/2025 04/10/2025

Continuing Calib Time: 15:58 **Initial Calibration Time(s):** 09:36 17:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.59	6.49	6.69	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.29	7.30	7.20	7.40	0.01
Tetrachloro-m-xylene		3.68	3.69	3.59	3.79	0.01
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Raw Data: **PO110861.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL15 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110861.D **Time Analyzed:** 15:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.776	4.679	4.879	567.510	500.000	13.5
Aroclor-1016-2	4.795	4.698	4.898	567.550	500.000	13.5
Aroclor-1016-3	4.851	4.755	4.955	552.160	500.000	10.4
Aroclor-1016-4	4.972	4.875	5.075	566.160	500.000	13.2
Aroclor-1016-5	5.229	5.132	5.332	568.900	500.000	13.8
Aroclor-1260-1	6.268	6.172	6.372	552.510	500.000	10.5
Aroclor-1260-2	6.457	6.360	6.560	540.900	500.000	8.2
Aroclor-1260-3	6.825	6.729	6.929	541.450	500.000	8.3
Aroclor-1260-4	7.084	6.988	7.188	532.720	500.000	6.5
Aroclor-1260-5	7.327	7.230	7.430	535.700	500.000	7.1
Decachlorobiphenyl	8.728	8.632	8.832	49.210	50.000	-1.6
Tetrachloro-m-xylene	3.686	3.588	3.788	57.430	50.000	14.9

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/10/2025 04/10/2025

Client Sample No.: CCAL15 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110861.D **Time Analyzed:** 15:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.763	4.666	4.866	533.100	500.000	6.6
Aroclor-1016-2	4.781	4.684	4.884	531.290	500.000	6.3
Aroclor-1016-3	4.956	4.860	5.060	513.330	500.000	2.7
Aroclor-1016-4	4.998	4.902	5.102	496.070	500.000	-0.8
Aroclor-1016-5	5.211	5.115	5.315	510.550	500.000	2.1
Aroclor-1260-1	6.242	6.146	6.346	502.200	500.000	0.4
Aroclor-1260-2	6.429	6.334	6.534	495.650	500.000	-0.9
Aroclor-1260-3	6.582	6.487	6.687	487.880	500.000	-2.4
Aroclor-1260-4	7.053	6.957	7.157	485.750	500.000	-2.9
Aroclor-1260-5	7.294	7.197	7.397	488.550	500.000	-2.3
Decachlorobiphenyl	8.679	8.584	8.784	46.590	50.000	-6.8
Tetrachloro-m-xylene	3.683	3.586	3.786	54.630	50.000	9.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 15:58
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:26:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	502.5E6	272.6E6	57.434	54.630
2)	SA Decachlor...	8.728	8.679	388.5E6	89691972	49.213	46.593
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.763	186.2E6	93564868	567.510	533.104
4)	L1 AR-1016-2	4.795	4.781	258.2E6	133.6E6	567.553	531.286
5)	L1 AR-1016-3	4.851	4.956	178.1E6	69663894	552.164	513.326
6)	L1 AR-1016-4	4.972	4.998	141.1E6	56734615	566.157	496.071
7)	L1 AR-1016-5	5.229	5.211	153.0E6	76109735	568.905	510.550
31)	L7 AR-1260-1	6.268	6.242	261.0E6	123.5E6	552.508	502.198
32)	L7 AR-1260-2	6.457	6.429	317.2E6	144.6E6	540.898	495.646
33)	L7 AR-1260-3	6.825	6.582	266.9E6	132.2E6	541.450	487.884
34)	L7 AR-1260-4	7.084	7.053	226.1E6	97461414	532.723	485.753
35)	L7 AR-1260-5	7.327	7.294	559.0E6	224.2E6	535.705	488.553

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

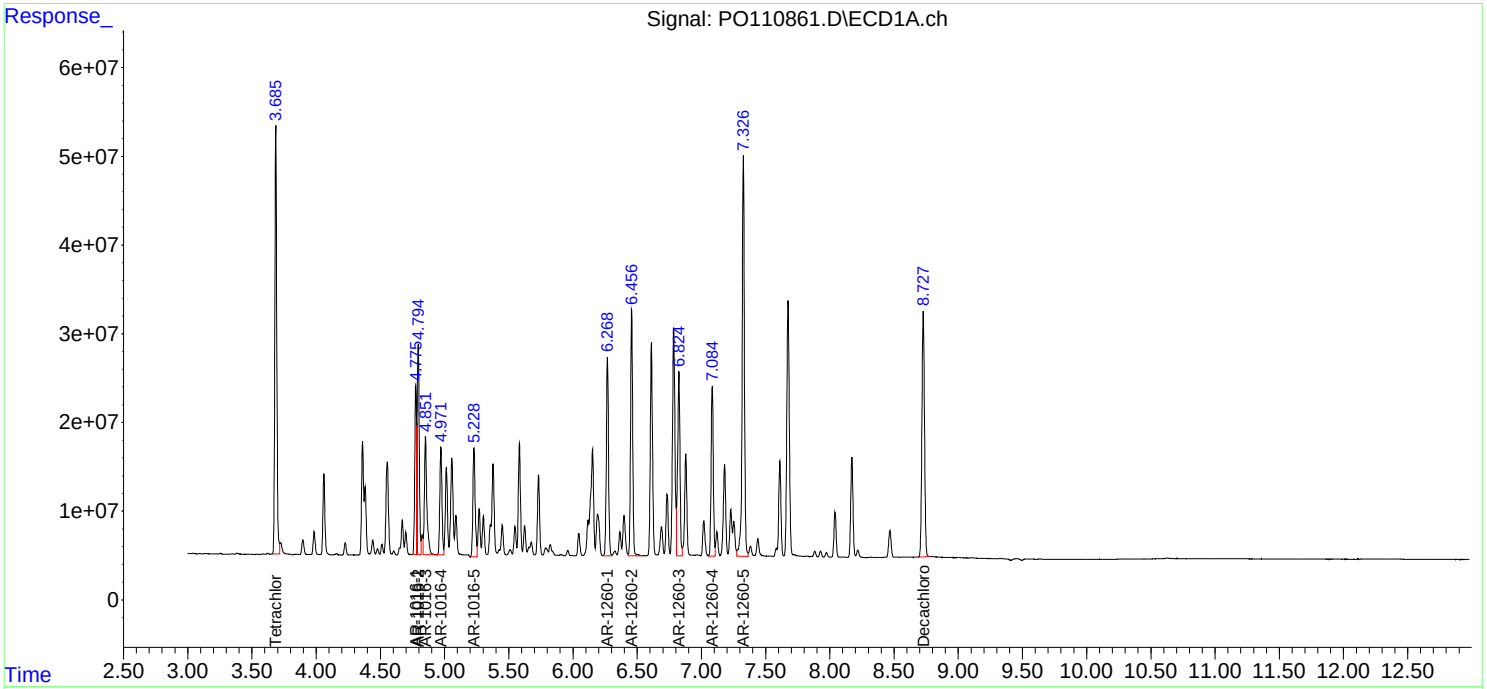
Sample Results: **PO110861.D**

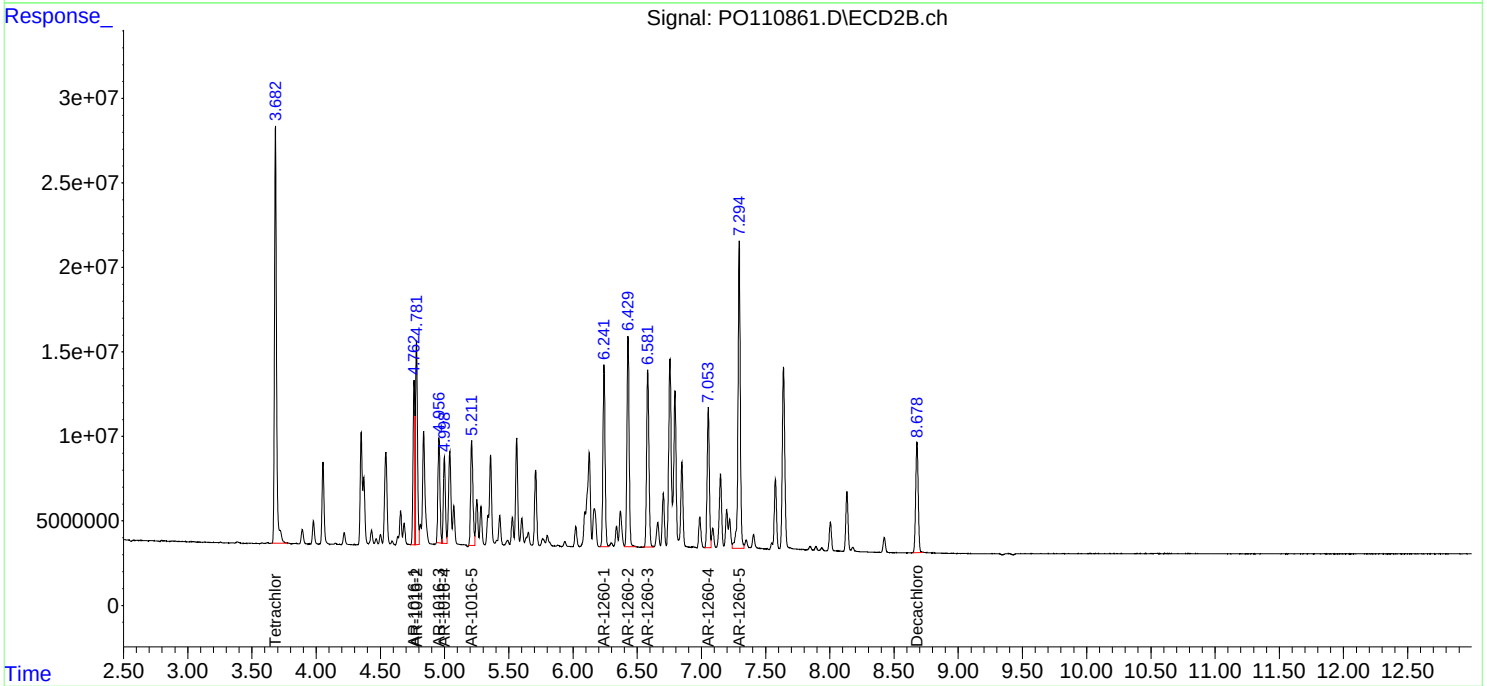
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 15:58
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

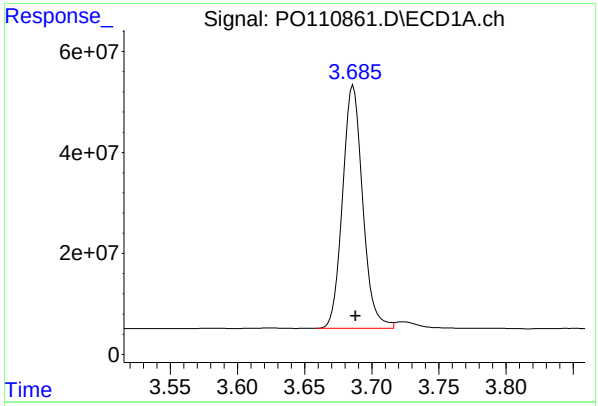
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:26:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



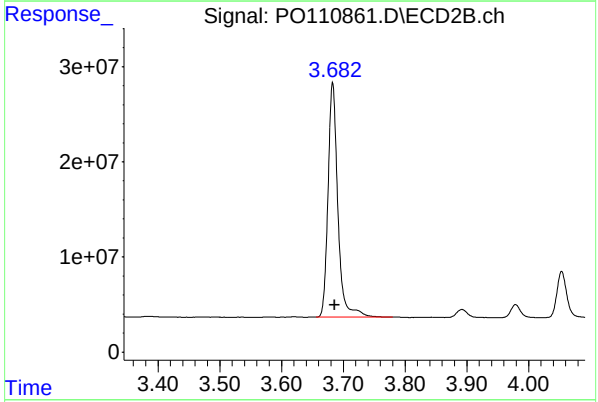




#1 Tetrachloro-m-xylene

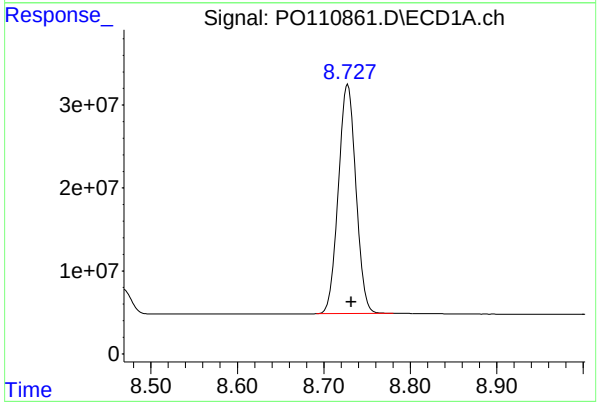
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 502496938
Conc: 57.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



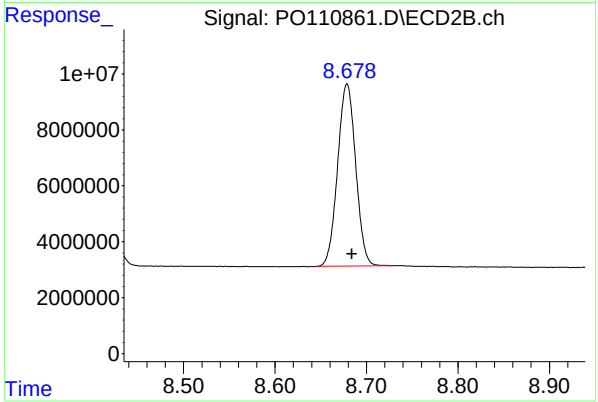
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 272589697
Conc: 54.63 ng/ml



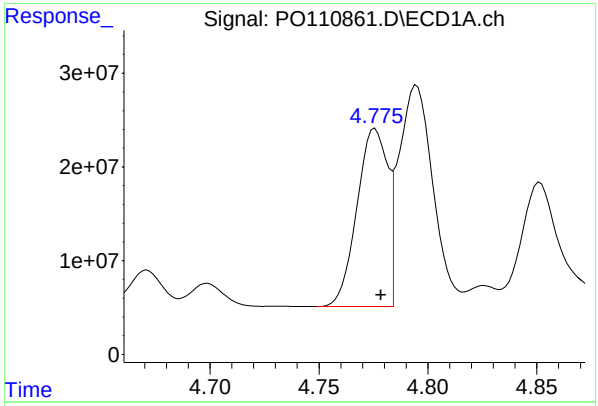
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.004 min
Response: 388536408
Conc: 49.21 ng/ml



#2 Decachlorobiphenyl

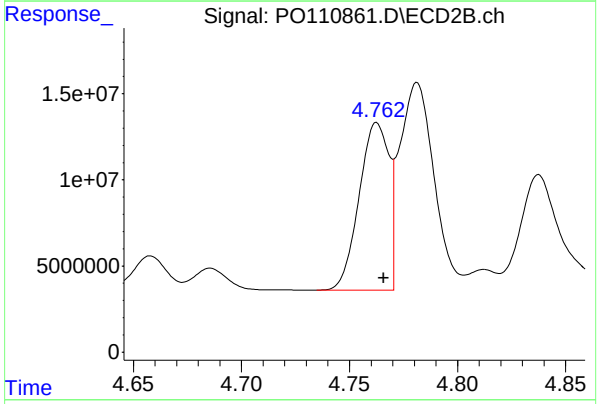
R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 89691972
Conc: 46.59 ng/ml



#3 AR-1016-1

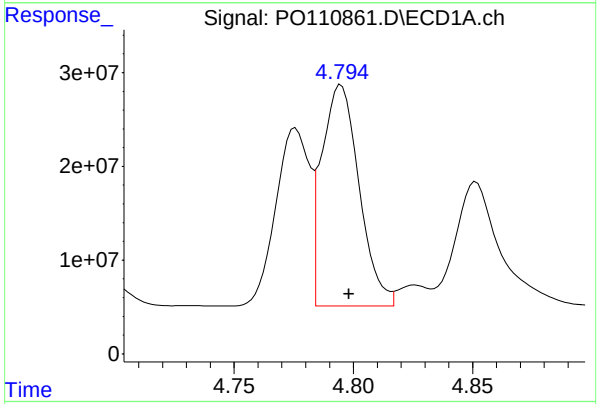
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 186224740
Conc: 567.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



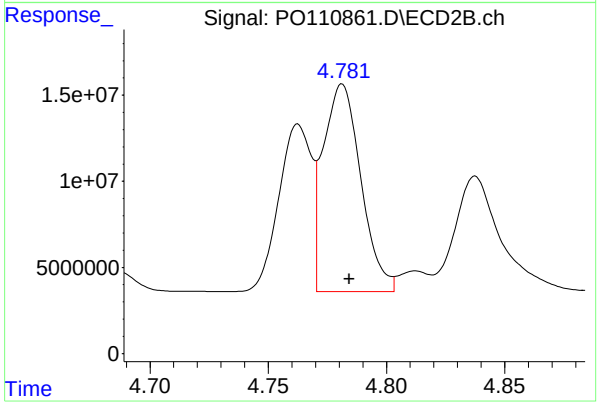
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 93564868
Conc: 533.10 ng/ml



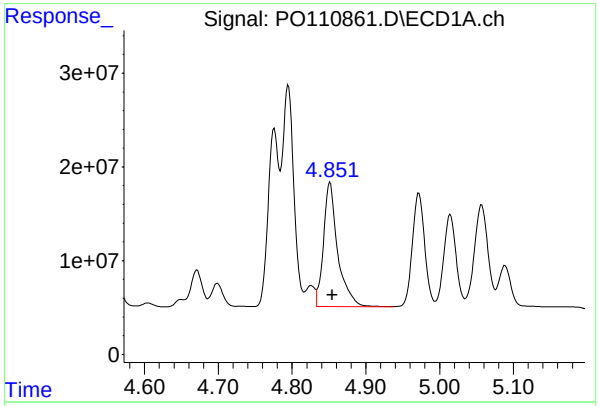
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 258207362
Conc: 567.55 ng/ml



#4 AR-1016-2

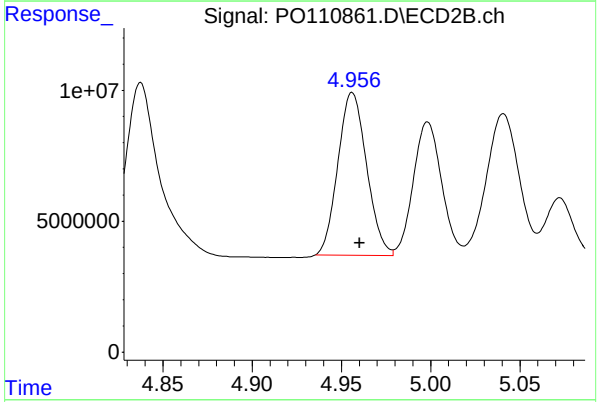
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 133599849
Conc: 531.29 ng/ml



#5 AR-1016-3

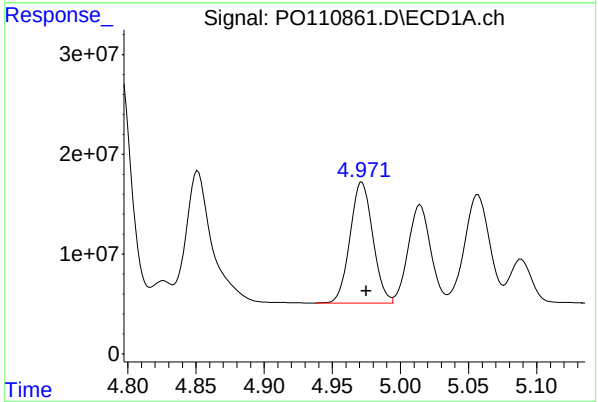
R.T.: 4.851 min
Delta R.T.: -0.003 min
Response: 178087994
Conc: 552.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



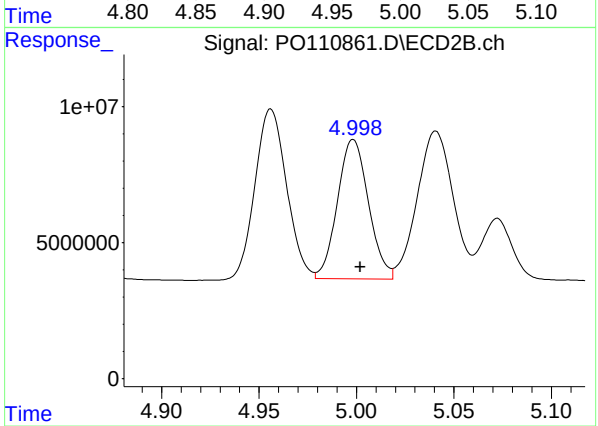
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 69663894
Conc: 513.33 ng/ml



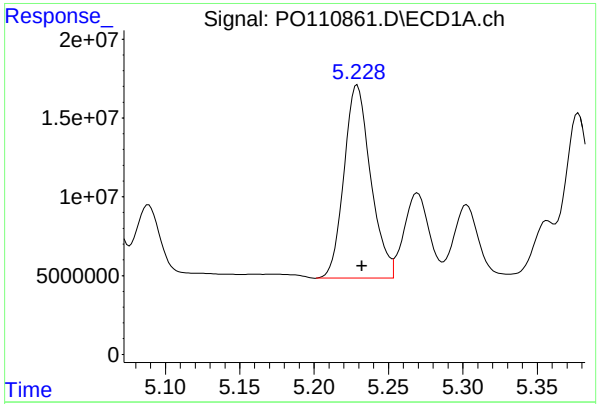
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 141066143
Conc: 566.16 ng/ml



#6 AR-1016-4

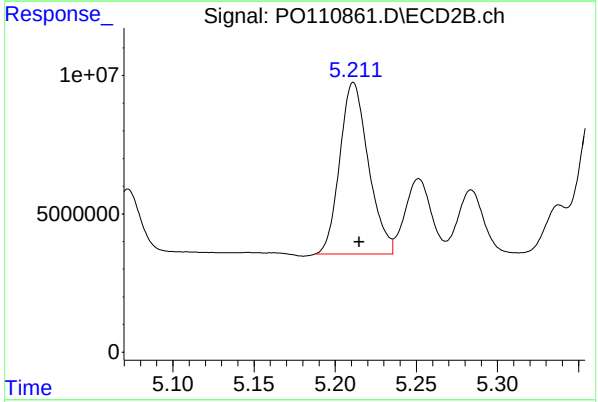
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 56734615
Conc: 496.07 ng/ml



#7 AR-1016-5

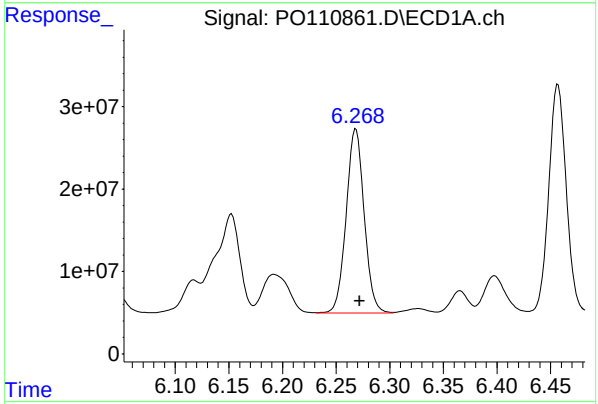
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 153041965
Conc: 568.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



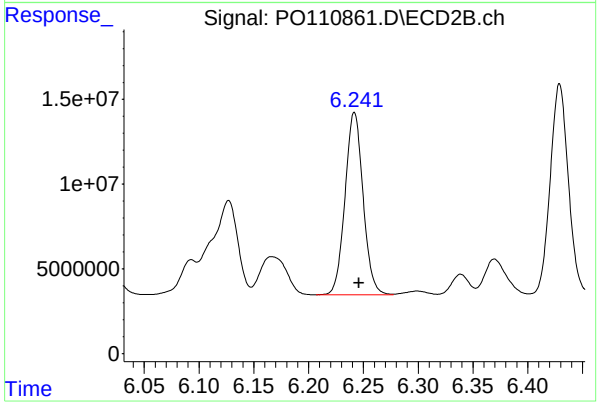
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 76109735
Conc: 510.55 ng/ml



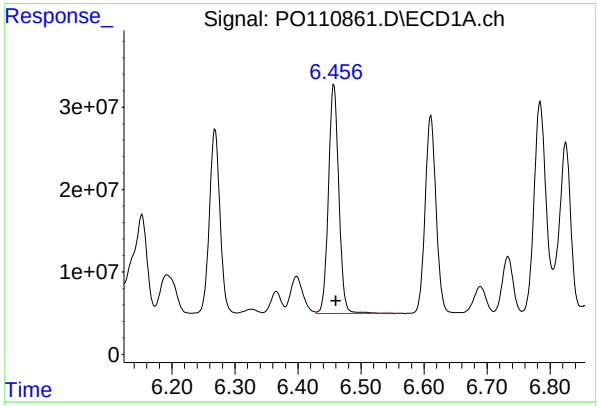
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 261029889
Conc: 552.51 ng/ml



#31 AR-1260-1

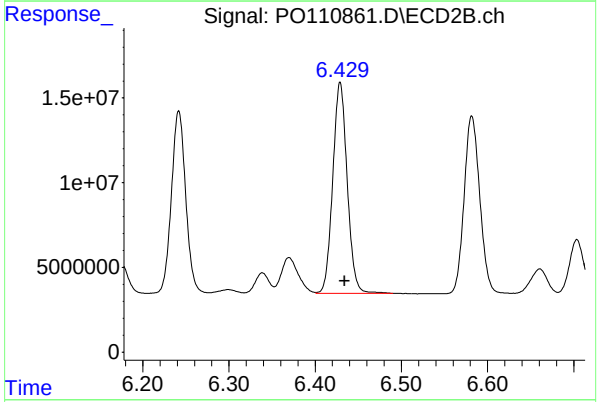
R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 123522395
Conc: 502.20 ng/ml



#32 AR-1260-2

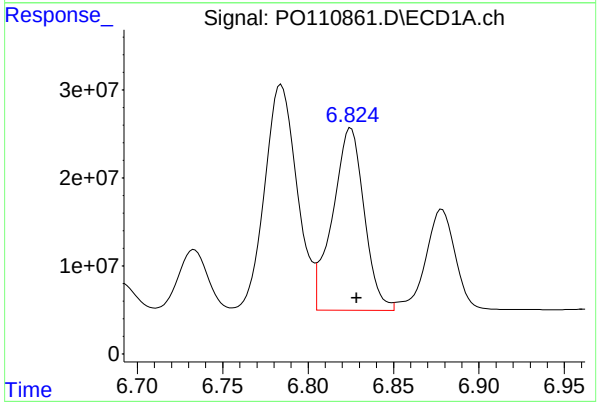
R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 317195671
Conc: 540.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



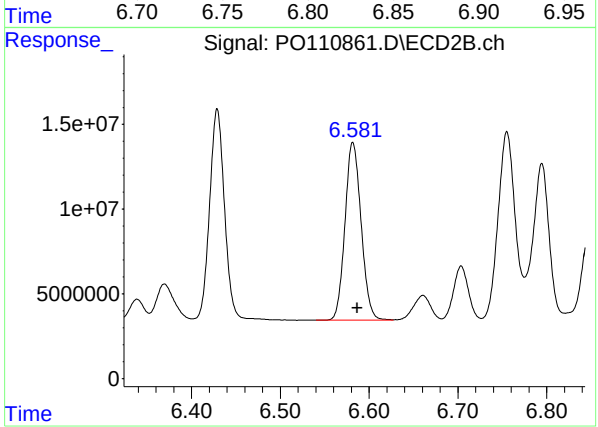
#32 AR-1260-2

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 144605151
Conc: 495.65 ng/ml



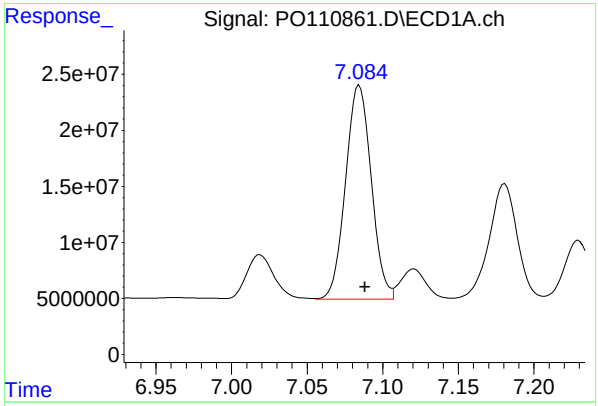
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 266865989
Conc: 541.45 ng/ml



#33 AR-1260-3

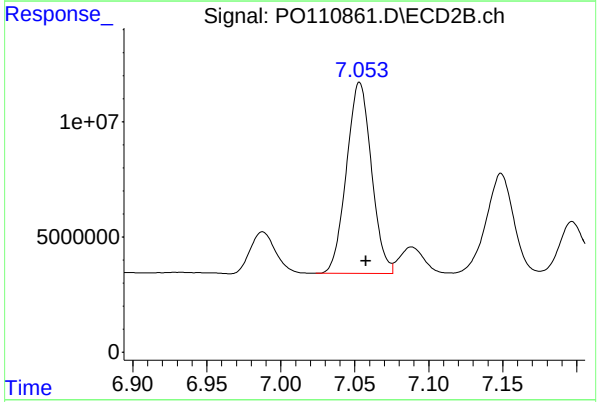
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 132160031
Conc: 487.88 ng/ml



#34 AR-1260-4

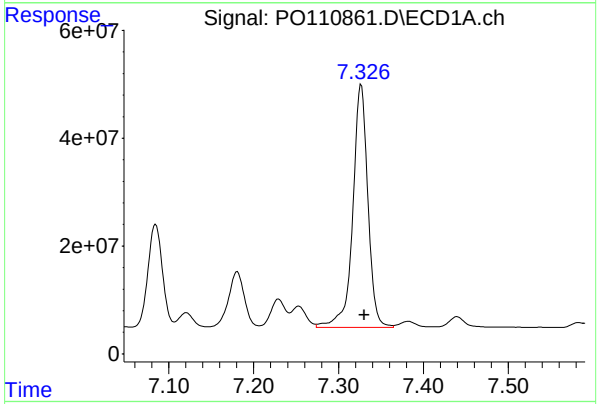
R.T.: 7.084 min
Delta R.T.: -0.004 min
Response: 226099797
Conc: 532.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



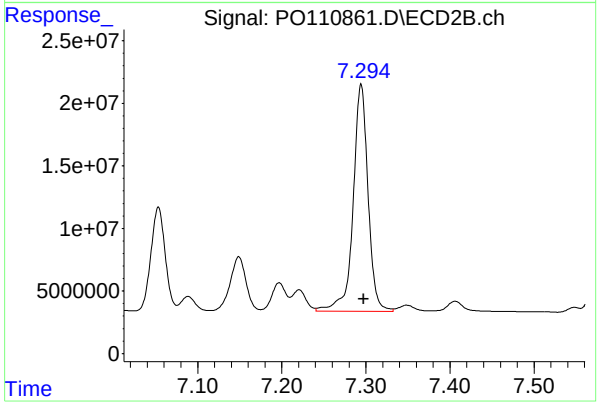
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 97461414
Conc: 485.75 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 558992942
Conc: 535.70 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 224176425
Conc: 488.55 ng/ml

Raw Data: **PP071423.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 09:22 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.84	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.22	10.24	10.14	10.34	0.02

Raw Data: **PP071423.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 09:22 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.35	5.35	5.25	5.45	0.00
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.44	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

Raw Data: **PP071423.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL16 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071423.D **Time Analyzed:** 09:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.662	5.571	5.771	521.590	500.000	4.3
Aroclor-1016-2	5.685	5.593	5.793	521.660	500.000	4.3
Aroclor-1016-3	5.746	5.654	5.854	525.790	500.000	5.2
Aroclor-1016-4	5.844	5.752	5.952	525.400	500.000	5.1
Aroclor-1016-5	6.136	6.045	6.245	524.180	500.000	4.8
Aroclor-1260-1	7.255	7.165	7.365	522.560	500.000	4.5
Aroclor-1260-2	7.509	7.418	7.618	527.350	500.000	5.5
Aroclor-1260-3	7.867	7.777	7.977	553.110	500.000	10.6
Aroclor-1260-4	8.091	8.002	8.202	540.030	500.000	8.0
Aroclor-1260-5	8.411	8.322	8.522	547.510	500.000	9.5
Decachlorobiphenyl	10.224	10.137	10.337	54.640	50.000	9.3
Tetrachloro-m-xylene	4.509	4.417	4.617	52.210	50.000	4.4

Raw Data: **PP071423.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL16 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071423.D **Time Analyzed:** 09:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.896	4.798	4.998	501.210	500.000	0.2
Aroclor-1016-2	4.914	4.816	5.016	503.100	500.000	0.6
Aroclor-1016-3	5.091	4.993	5.193	511.240	500.000	2.2
Aroclor-1016-4	5.133	5.036	5.236	518.420	500.000	3.7
Aroclor-1016-5	5.347	5.250	5.450	528.410	500.000	5.7
Aroclor-1260-1	6.381	6.285	6.485	490.940	500.000	-1.8
Aroclor-1260-2	6.570	6.473	6.673	494.440	500.000	-1.1
Aroclor-1260-3	6.723	6.627	6.827	498.920	500.000	-0.2
Aroclor-1260-4	7.194	7.098	7.298	495.060	500.000	-1.0
Aroclor-1260-5	7.435	7.339	7.539	500.940	500.000	0.2
Decachlorobiphenyl	8.844	8.749	8.949	52.040	50.000	4.1
Tetrachloro-m-xylene	3.811	3.712	3.912	46.690	50.000	-6.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 09:22
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:21:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.509	3.811	103.5E6	65772777	52.207	46.692
2)	SA Decachlor...	10.224	8.844	79116615	45641132	54.638	52.039
	Target Compounds						
3)	L1 AR-1016-1	5.662	4.896	34972412	26831587	521.588	501.210
4)	L1 AR-1016-2	5.685	4.914	53537486	38418789	521.664	503.103
5)	L1 AR-1016-3	5.746	5.091	32413317	21579773	525.788	511.243
6)	L1 AR-1016-4	5.844	5.133	26951997	17878077	525.399	518.416
7)	L1 AR-1016-5	6.136	5.347	25285786	23486218	524.184	528.406
31)	L7 AR-1260-1	7.255	6.381	50178995	35494694	522.564	490.941
32)	L7 AR-1260-2	7.509	6.570	75452162	43244354	527.352	494.439
33)	L7 AR-1260-3	7.867	6.723	62006212	39108925	553.113	498.917
34)	L7 AR-1260-4	8.091	7.194	60950481	31243759	540.031	495.063
35)	L7 AR-1260-5	8.411	7.435	124.1E6	75530644	547.514	500.942

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

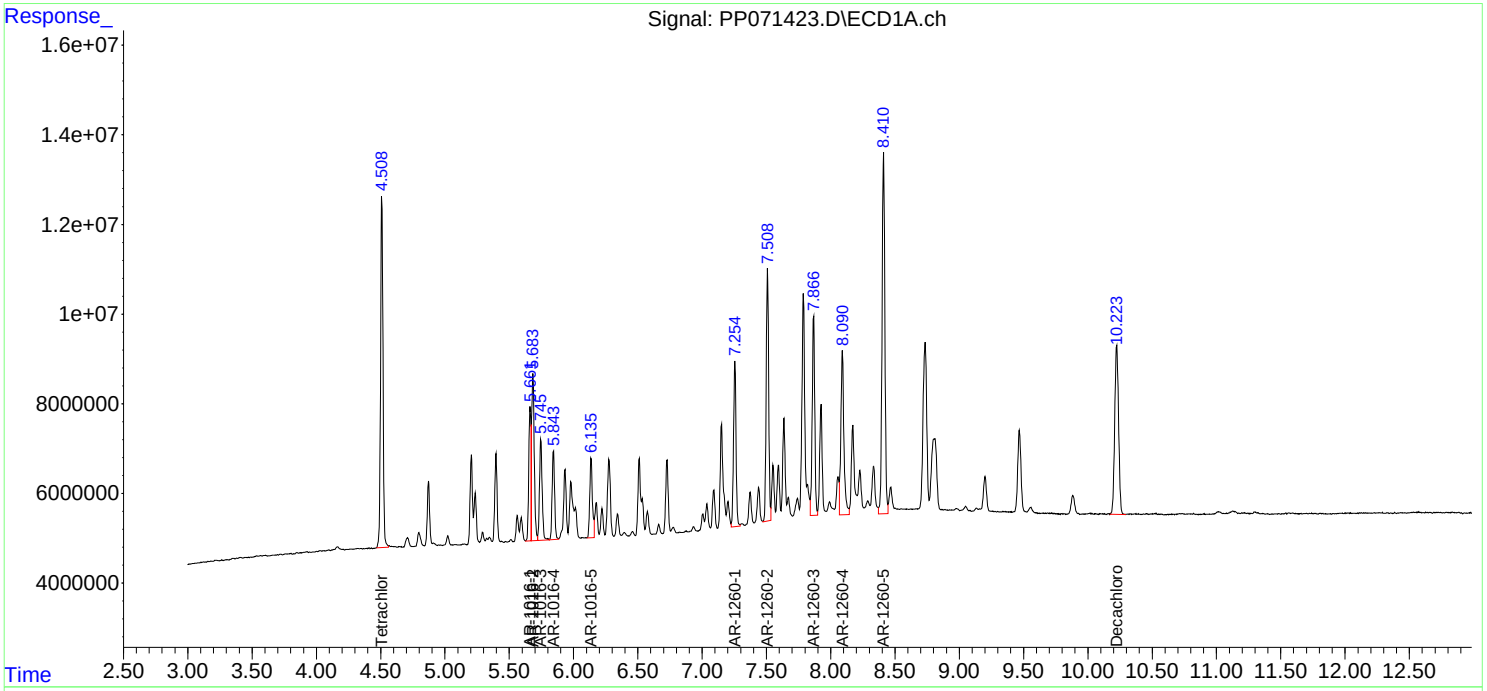
Sample Results: **PP071423.D**

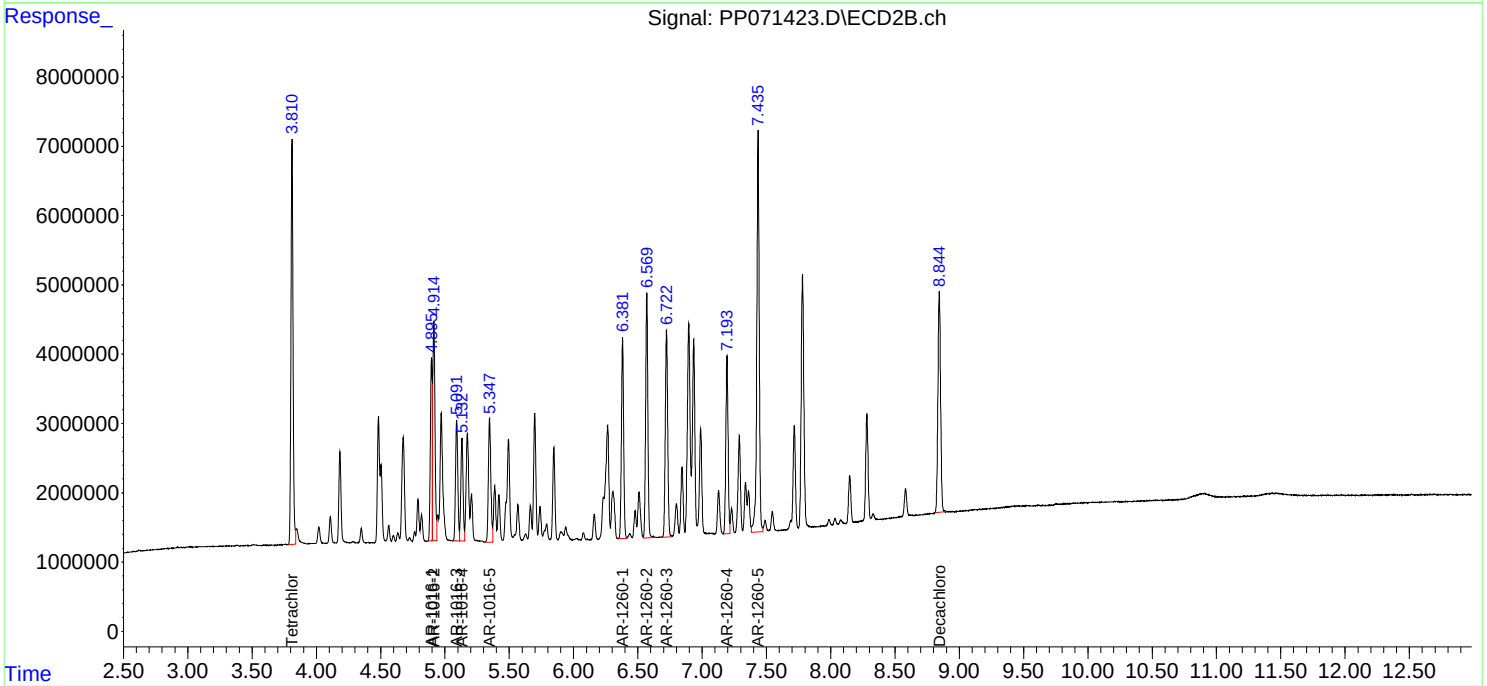
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 09:22
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

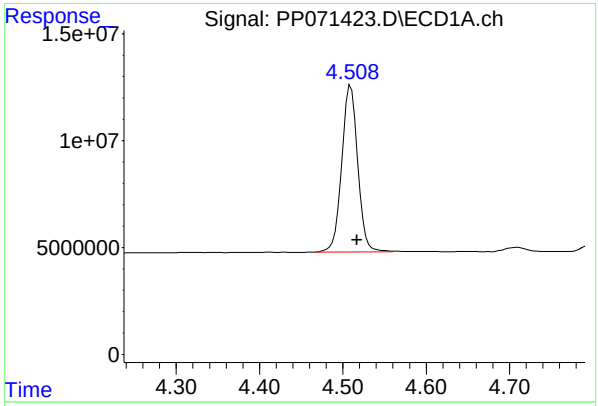
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:21:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



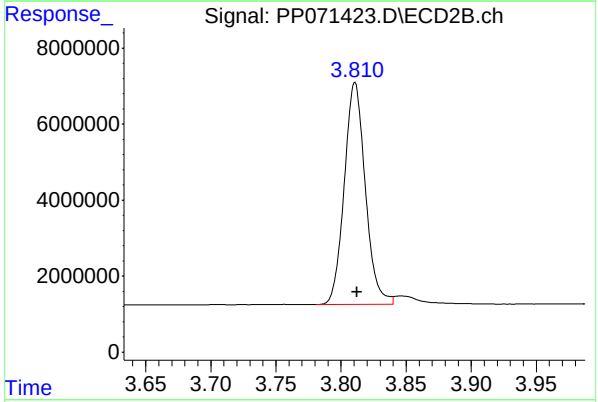




#1 Tetrachloro-m-xylene

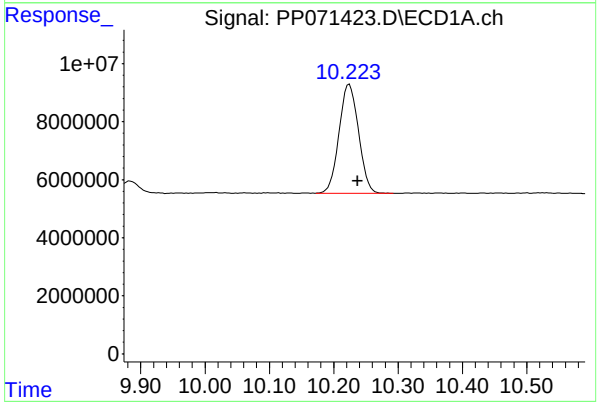
R.T.: 4.509 min
Delta R.T.: -0.008 min
Response: 103508086
Conc: 52.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



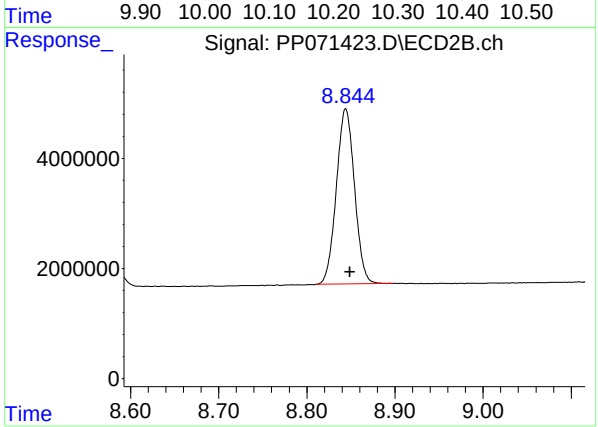
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 65772777
Conc: 46.69 ng/ml



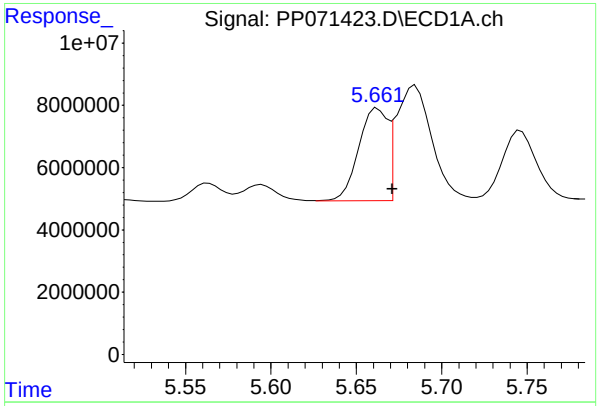
#2 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: -0.013 min
Response: 79116615
Conc: 54.64 ng/ml



#2 Decachlorobiphenyl

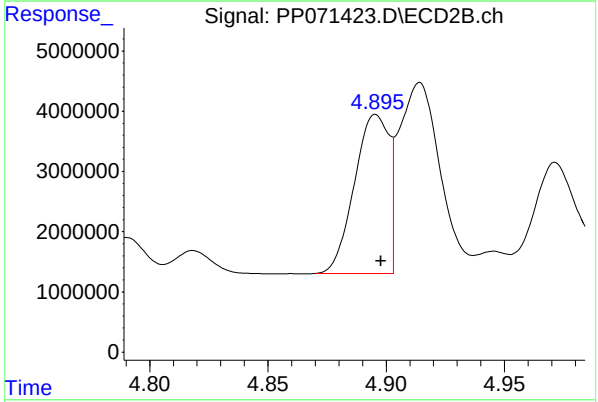
R.T.: 8.844 min
Delta R.T.: -0.005 min
Response: 45641132
Conc: 52.04 ng/ml



#3 AR-1016-1

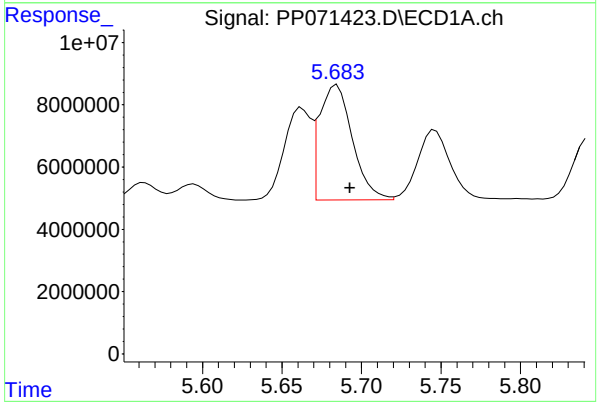
R.T.: 5.662 min
Delta R.T.: -0.009 min
Response: 34972412
Conc: 521.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



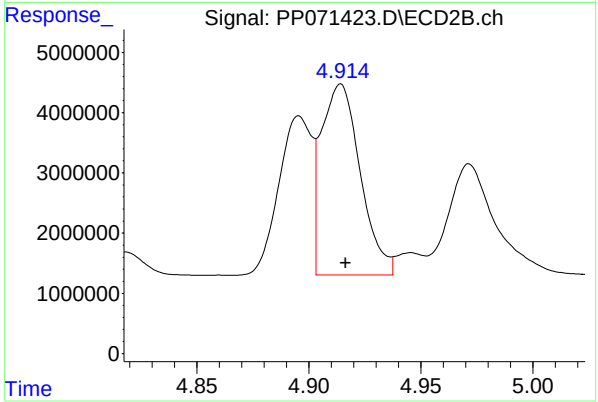
#3 AR-1016-1

R.T.: 4.896 min
Delta R.T.: -0.002 min
Response: 26831587
Conc: 501.21 ng/ml



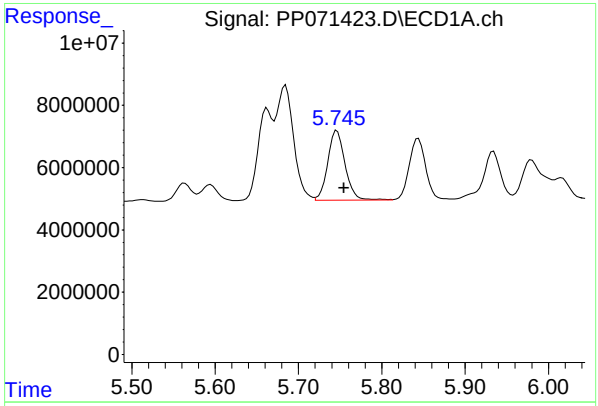
#4 AR-1016-2

R.T.: 5.685 min
Delta R.T.: -0.008 min
Response: 53537486
Conc: 521.66 ng/ml



#4 AR-1016-2

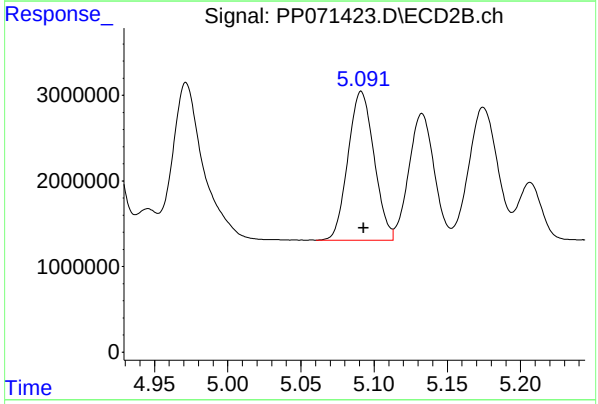
R.T.: 4.914 min
Delta R.T.: -0.002 min
Response: 38418789
Conc: 503.10 ng/ml



#5 AR-1016-3

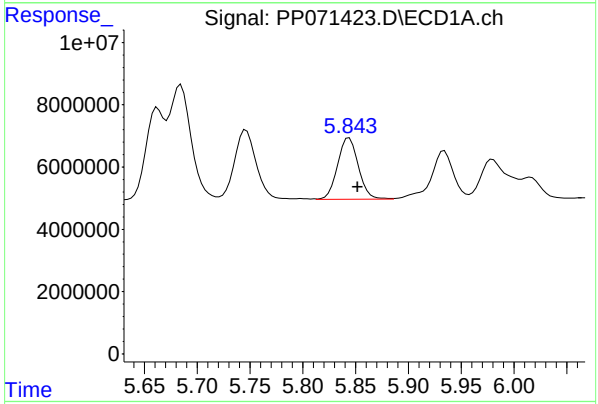
R.T.: 5.746 min
Delta R.T.: -0.008 min
Response: 32413317
Conc: 525.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



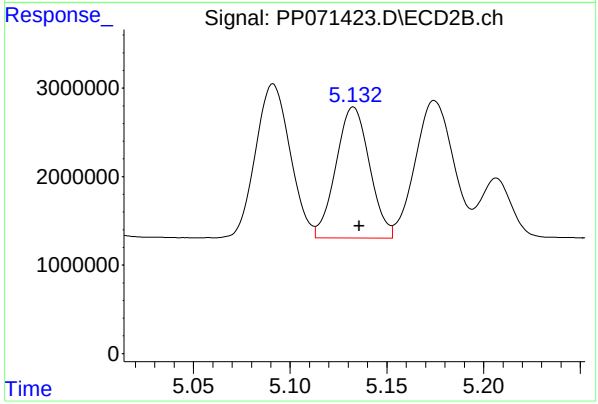
#5 AR-1016-3

R.T.: 5.091 min
Delta R.T.: -0.002 min
Response: 21579773
Conc: 511.24 ng/ml



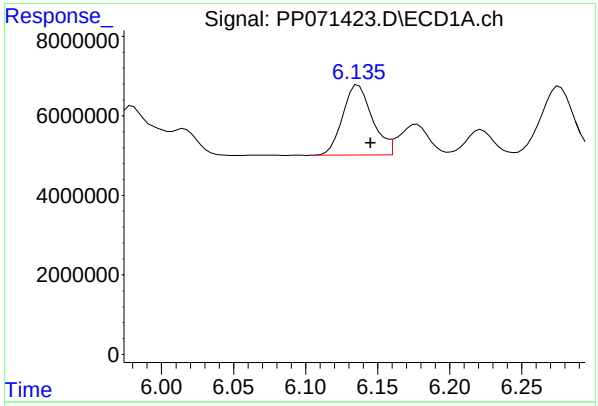
#6 AR-1016-4

R.T.: 5.844 min
Delta R.T.: -0.008 min
Response: 26951997
Conc: 525.40 ng/ml



#6 AR-1016-4

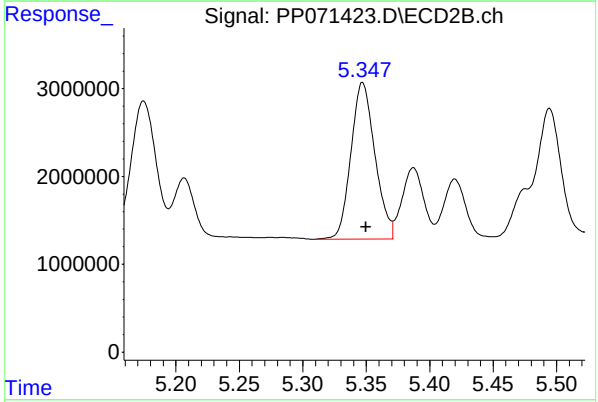
R.T.: 5.133 min
Delta R.T.: -0.003 min
Response: 17878077
Conc: 518.42 ng/ml



#7 AR-1016-5

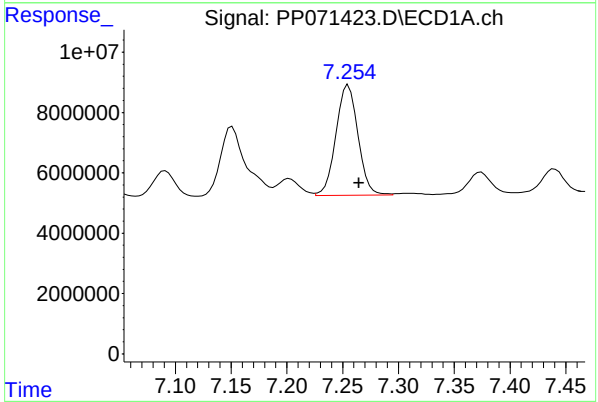
R.T.: 6.136 min
Delta R.T.: -0.009 min
Response: 25285786
Conc: 524.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



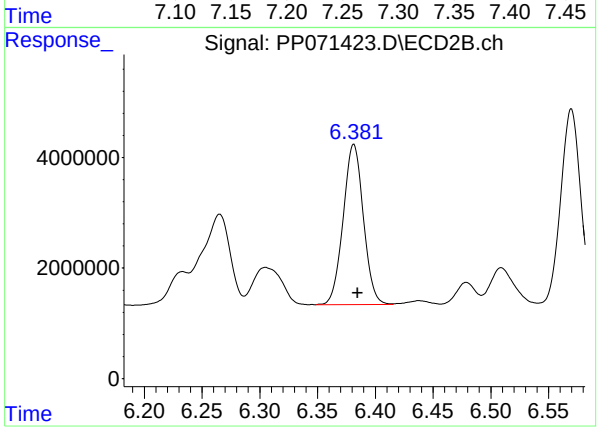
#7 AR-1016-5

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 23486218
Conc: 528.41 ng/ml



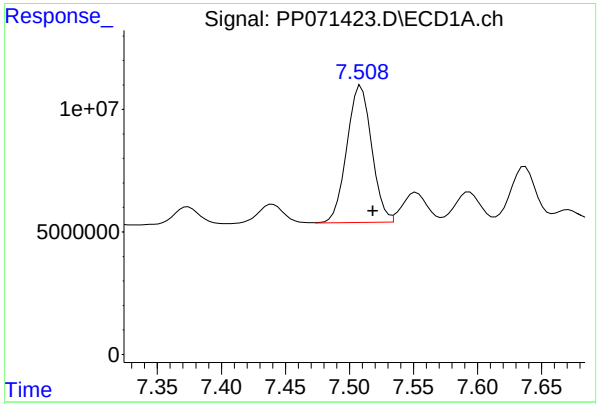
#31 AR-1260-1

R.T.: 7.255 min
Delta R.T.: -0.009 min
Response: 50178995
Conc: 522.56 ng/ml



#31 AR-1260-1

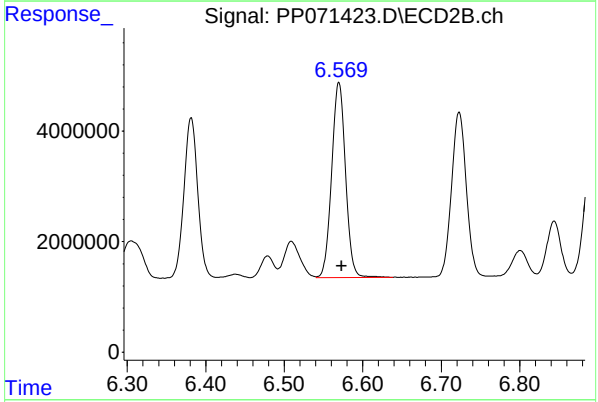
R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 35494694
Conc: 490.94 ng/ml



#32 AR-1260-2

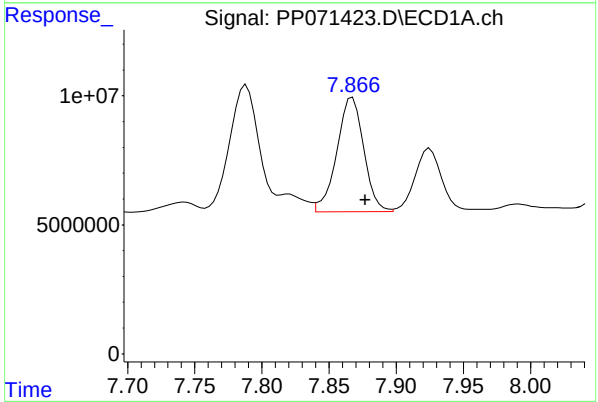
R.T.: 7.509 min
Delta R.T.: -0.009 min
Response: 75452162
Conc: 527.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



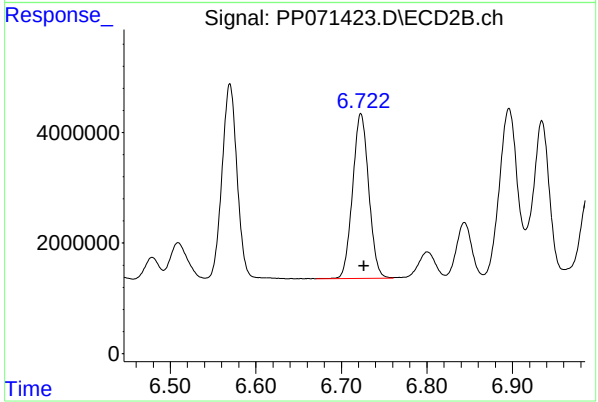
#32 AR-1260-2

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 43244354
Conc: 494.44 ng/ml



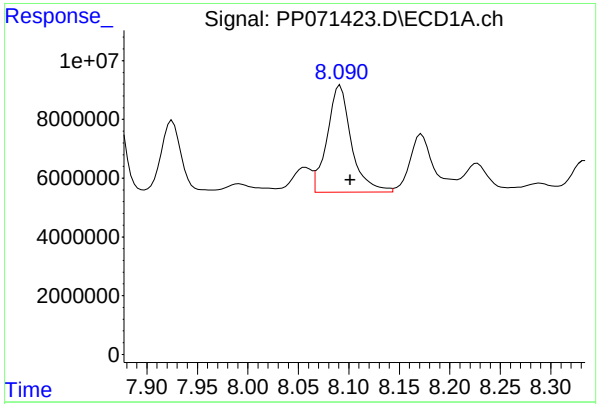
#33 AR-1260-3

R.T.: 7.867 min
Delta R.T.: -0.010 min
Response: 62006212
Conc: 553.11 ng/ml



#33 AR-1260-3

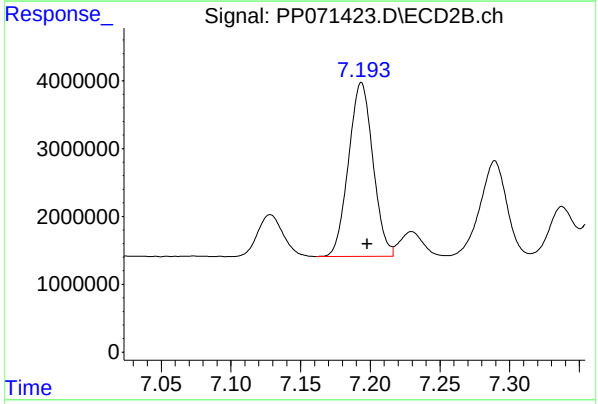
R.T.: 6.723 min
Delta R.T.: -0.004 min
Response: 39108925
Conc: 498.92 ng/ml



#34 AR-1260-4

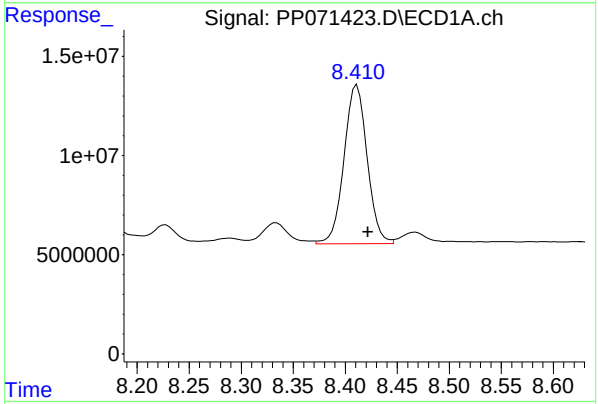
R.T.: 8.091 min
Delta R.T.: -0.010 min
Response: 60950481
Conc: 540.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



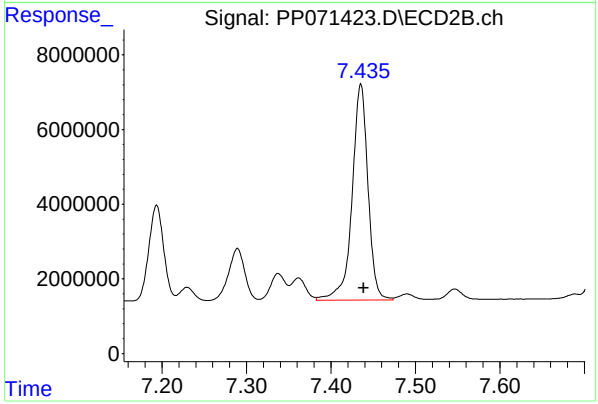
#34 AR-1260-4

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 31243759
Conc: 495.06 ng/ml



#35 AR-1260-5

R.T.: 8.411 min
Delta R.T.: -0.010 min
Response: 124051959
Conc: 547.51 ng/ml



#35 AR-1260-5

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 75530644
Conc: 500.94 ng/ml

Raw Data: **PP071438.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 17:02 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.52	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.42	8.32	8.52	0.00
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

Raw Data: **PP071438.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 17:02 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.92	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.35	5.35	5.25	5.45	0.00
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.20	7.20	7.10	7.30	0.00
Aroclor-1260-5	(5)	7.44	7.44	7.34	7.54	0.00
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.85	8.85	8.75	8.95	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL17 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071438.D **Time Analyzed:** 17:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.668	5.571	5.771	504.680	500.000	0.9
Aroclor-1016-2	5.689	5.593	5.793	505.520	500.000	1.1
Aroclor-1016-3	5.752	5.654	5.854	503.240	500.000	0.6
Aroclor-1016-4	5.849	5.752	5.952	508.940	500.000	1.8
Aroclor-1016-5	6.142	6.045	6.245	504.140	500.000	0.8
Aroclor-1260-1	7.260	7.165	7.365	504.540	500.000	0.9
Aroclor-1260-2	7.515	7.418	7.618	498.650	500.000	-0.3
Aroclor-1260-3	7.872	7.777	7.977	513.170	500.000	2.6
Aroclor-1260-4	8.097	8.002	8.202	501.280	500.000	0.3
Aroclor-1260-5	8.417	8.322	8.522	515.290	500.000	3.1
Decachlorobiphenyl	10.231	10.137	10.337	51.410	50.000	2.8
Tetrachloro-m-xylene	4.514	4.417	4.617	50.070	50.000	0.1

Raw Data: **PP071438.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL17 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071438.D **Time Analyzed:** 17:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.897	4.798	4.998	478.940	500.000	-4.2
Aroclor-1016-2	4.915	4.816	5.016	484.420	500.000	-3.1
Aroclor-1016-3	5.092	4.993	5.193	485.710	500.000	-2.9
Aroclor-1016-4	5.134	5.036	5.236	473.910	500.000	-5.2
Aroclor-1016-5	5.348	5.250	5.450	522.390	500.000	4.5
Aroclor-1260-1	6.383	6.285	6.485	492.880	500.000	-1.4
Aroclor-1260-2	6.572	6.473	6.673	515.400	500.000	3.1
Aroclor-1260-3	6.724	6.627	6.827	499.710	500.000	-0.1
Aroclor-1260-4	7.195	7.098	7.298	484.260	500.000	-3.1
Aroclor-1260-5	7.437	7.339	7.539	495.780	500.000	-0.8
Decachlorobiphenyl	8.847	8.749	8.949	51.230	50.000	2.5
Tetrachloro-m-xylene	3.813	3.712	3.912	49.370	50.000	-1.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 17:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:25:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.813	99271369	69548733	50.070	49.373
2)	SA Decachlor...	10.231	8.847	74438081	44932816	51.407	51.232
	Target Compounds						
3)	L1 AR-1016-1	5.668	4.897	33838387	25639418	504.675	478.941
4)	L1 AR-1016-2	5.689	4.915	51880334	36991886	505.517	484.417
5)	L1 AR-1016-3	5.752	5.092	31023541	20502116	503.244	485.712
6)	L1 AR-1016-4	5.849	5.134	26107718	16343357	508.941	473.914
7)	L1 AR-1016-5	6.142	5.348	24318775	23218647	504.137	522.386
31)	L7 AR-1260-1	7.260	6.383	48448276	35634897	504.540	492.881
32)	L7 AR-1260-2	7.515	6.572	71345798	45077234	498.652	515.396
33)	L7 AR-1260-3	7.872	6.724	57528052	39170989	513.166	499.709
34)	L7 AR-1260-4	8.097	7.195	56577292	30561931	501.284	484.260
35)	L7 AR-1260-5	8.417	7.437	116.8E6	74752864	515.294	495.783

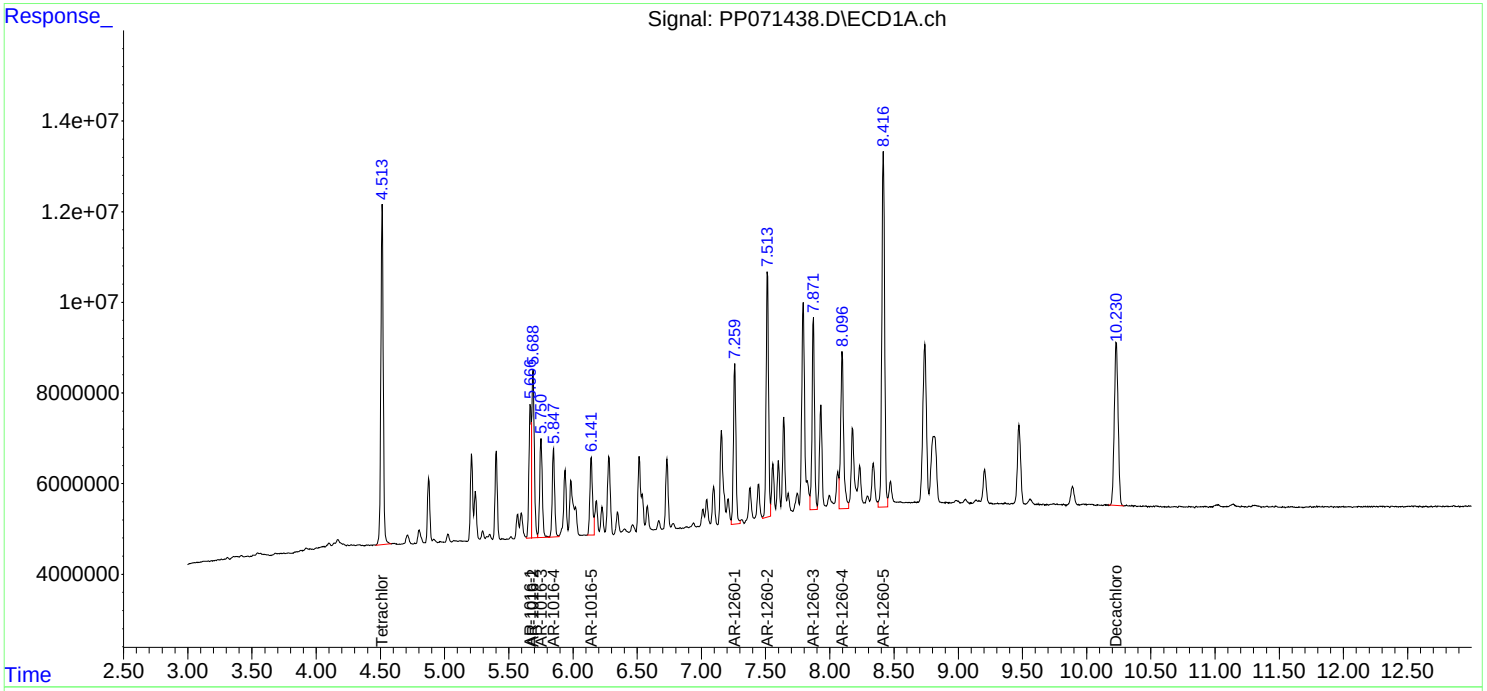
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

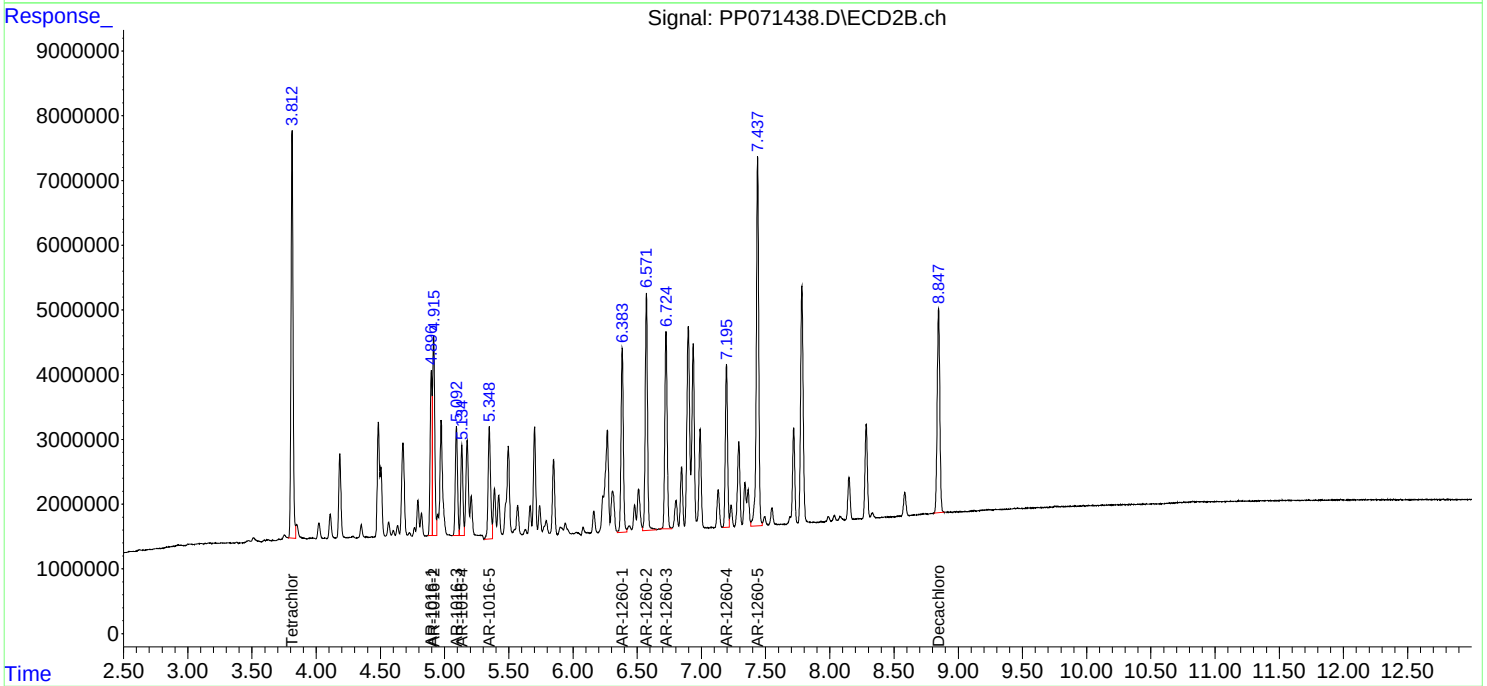
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 17:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

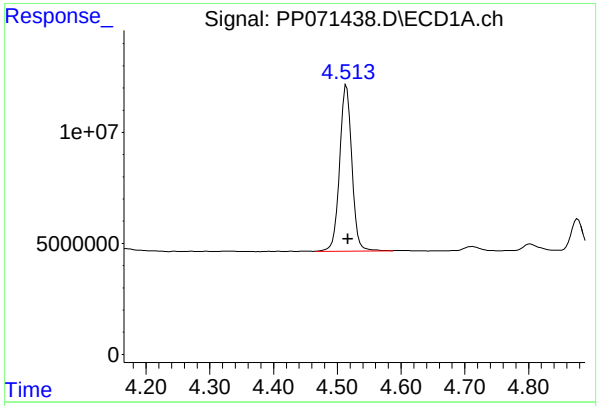
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:25:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



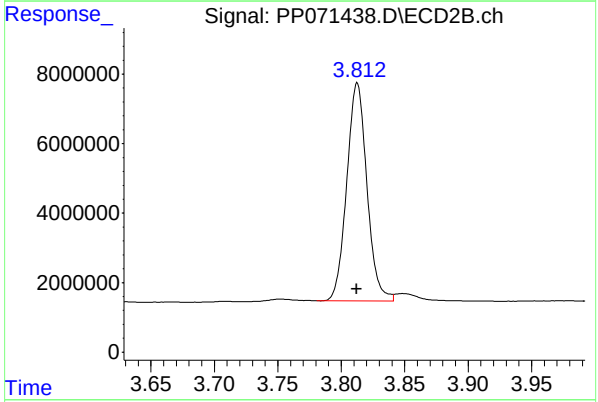




#1 Tetrachloro-m-xylene

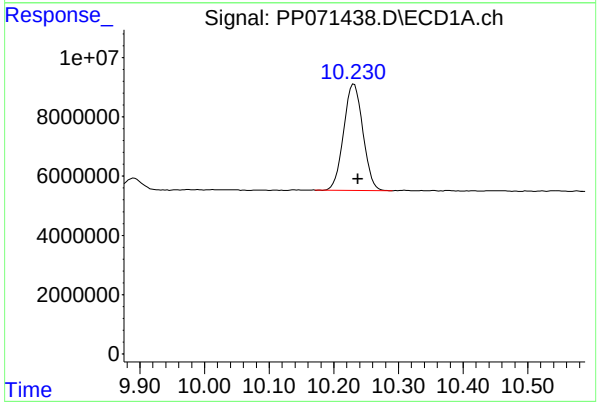
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 99271369
Conc: 50.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



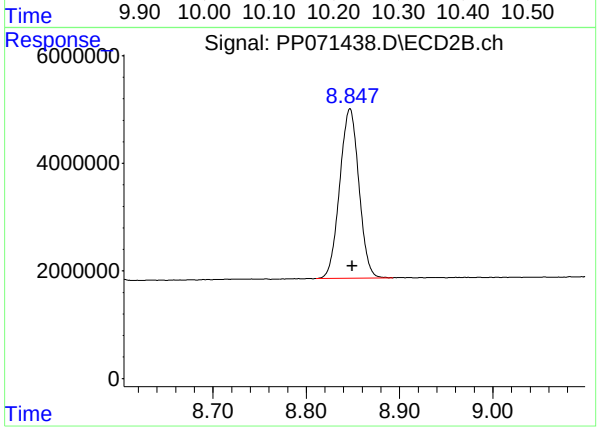
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 69548733
Conc: 49.37 ng/ml



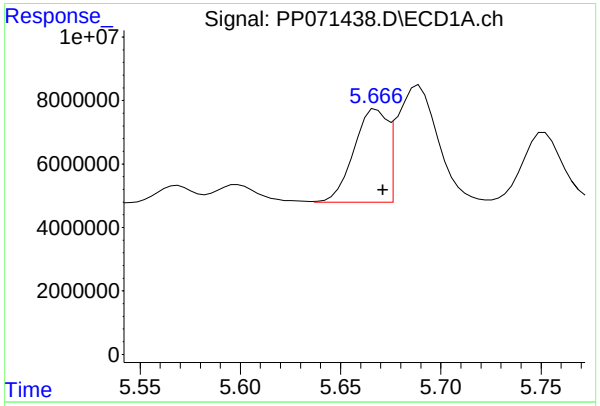
#2 Decachlorobiphenyl

R.T.: 10.231 min
Delta R.T.: -0.006 min
Response: 74438081
Conc: 51.41 ng/ml



#2 Decachlorobiphenyl

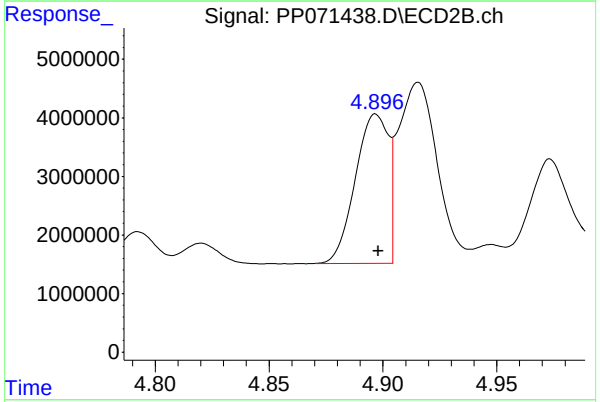
R.T.: 8.847 min
Delta R.T.: -0.002 min
Response: 44932816
Conc: 51.23 ng/ml



#3 AR-1016-1

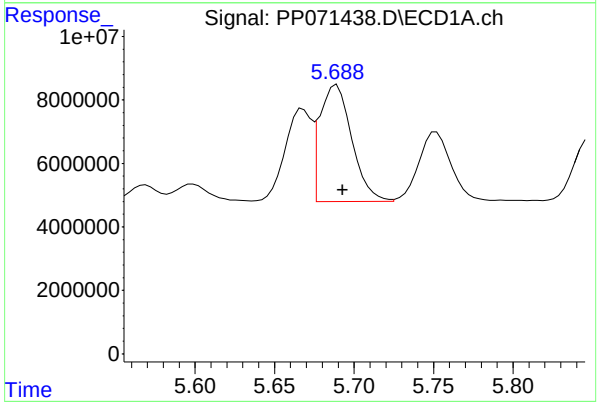
R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 33838387
Conc: 504.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



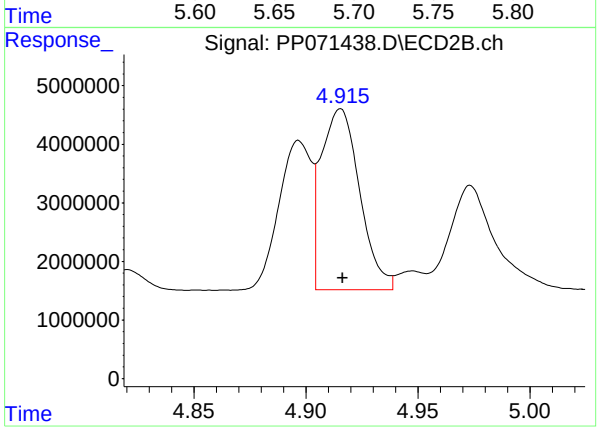
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 25639418
Conc: 478.94 ng/ml



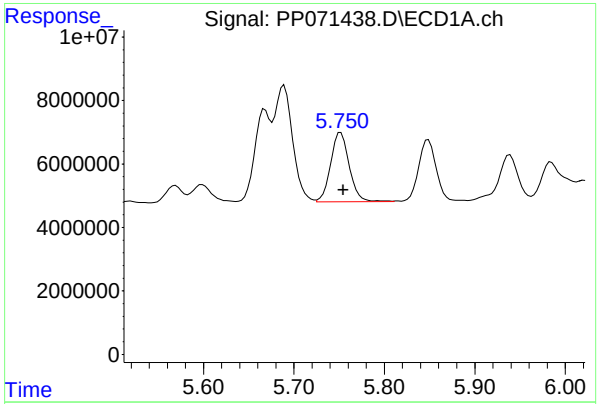
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: -0.004 min
Response: 51880334
Conc: 505.52 ng/ml



#4 AR-1016-2

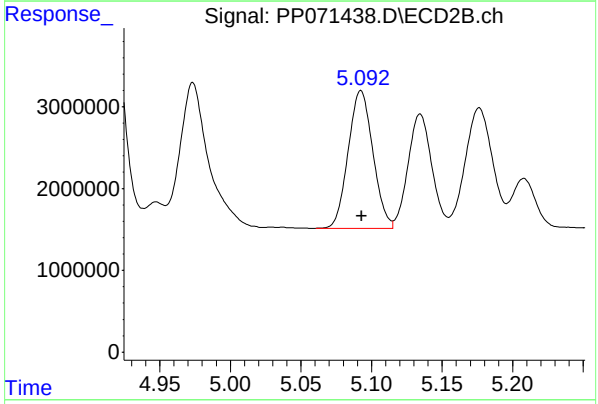
R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 36991886
Conc: 484.42 ng/ml



#5 AR-1016-3

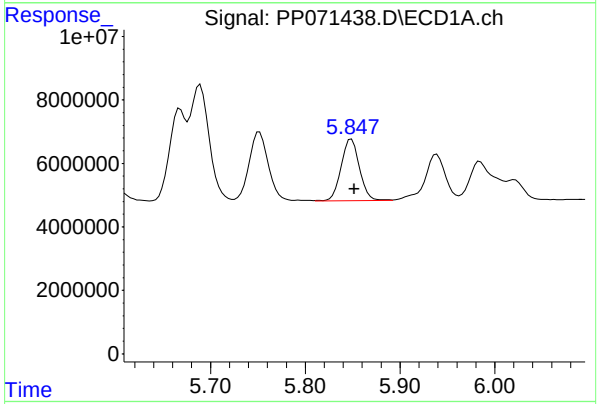
R.T.: 5.752 min
Delta R.T.: -0.003 min
Response: 31023541
Conc: 503.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



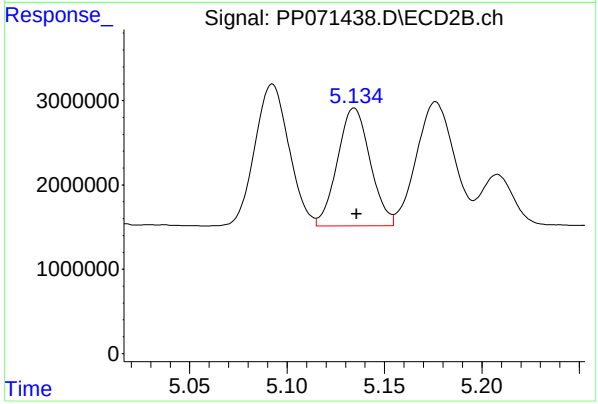
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 20502116
Conc: 485.71 ng/ml



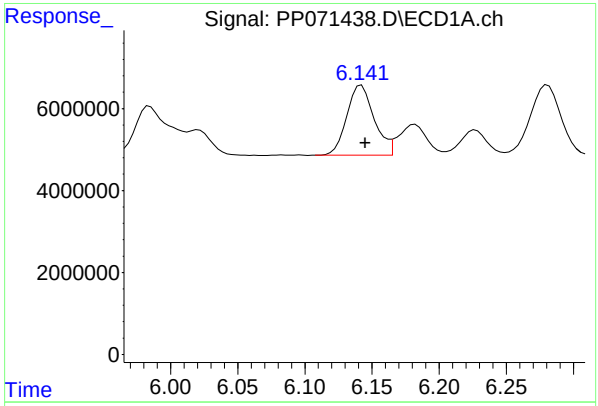
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 26107718
Conc: 508.94 ng/ml



#6 AR-1016-4

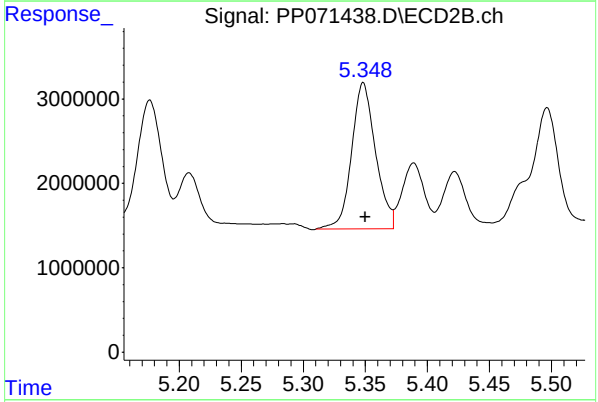
R.T.: 5.134 min
Delta R.T.: -0.001 min
Response: 16343357
Conc: 473.91 ng/ml



#7 AR-1016-5

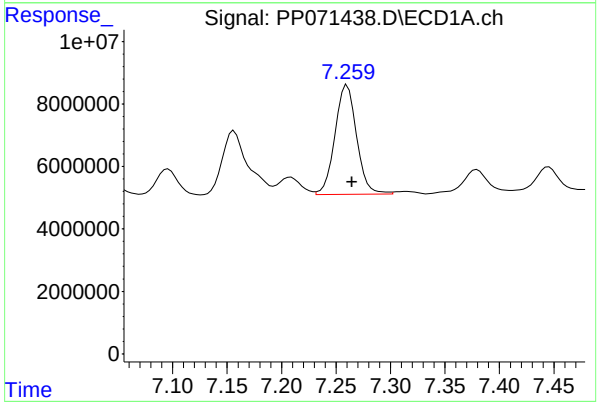
R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 24318775
Conc: 504.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



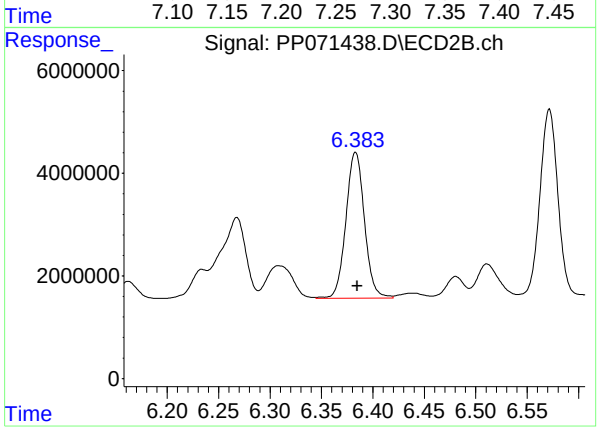
#7 AR-1016-5

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 23218647
Conc: 522.39 ng/ml



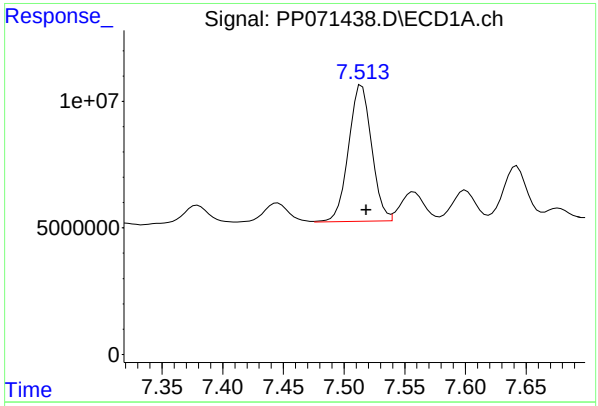
#31 AR-1260-1

R.T.: 7.260 min
Delta R.T.: -0.004 min
Response: 48448276
Conc: 504.54 ng/ml



#31 AR-1260-1

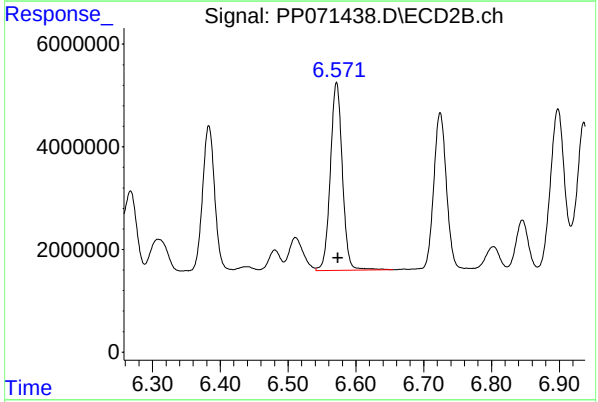
R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 35634897
Conc: 492.88 ng/ml



#32 AR-1260-2

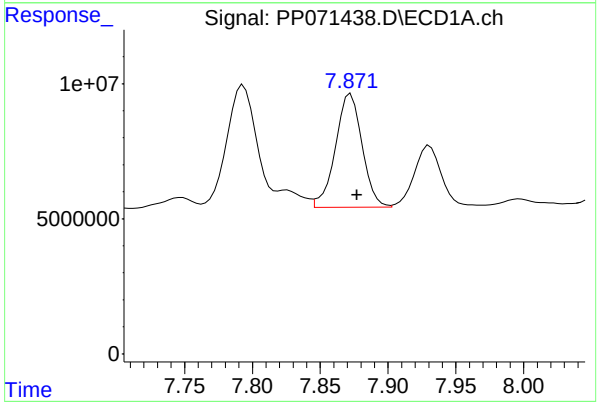
R.T.: 7.515 min
Delta R.T.: -0.004 min
Response: 71345798
Conc: 498.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



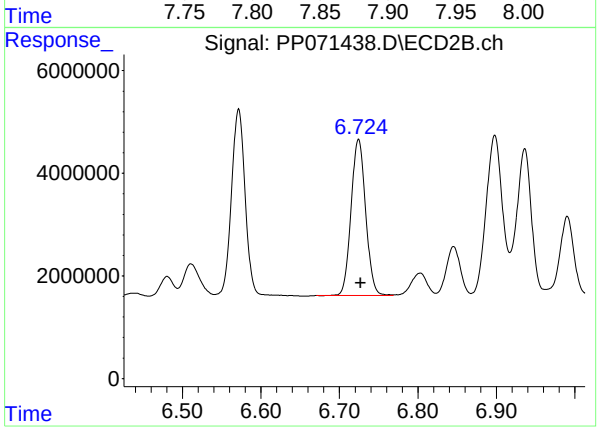
#32 AR-1260-2

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 45077234
Conc: 515.40 ng/ml



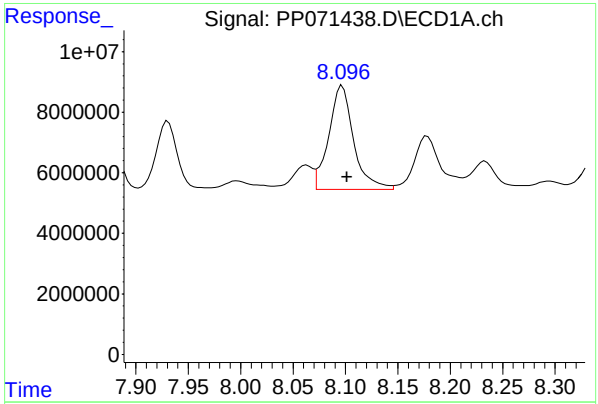
#33 AR-1260-3

R.T.: 7.872 min
Delta R.T.: -0.005 min
Response: 57528052
Conc: 513.17 ng/ml



#33 AR-1260-3

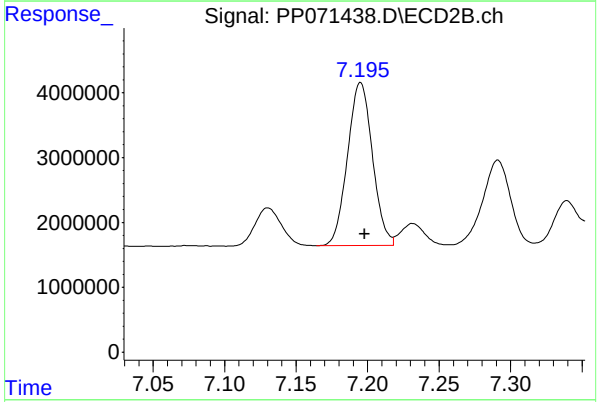
R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 39170989
Conc: 499.71 ng/ml



#34 AR-1260-4

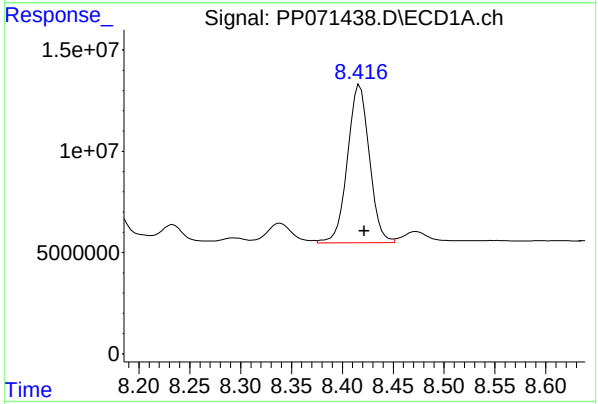
R.T.: 8.097 min
Delta R.T.: -0.005 min
Response: 56577292
Conc: 501.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



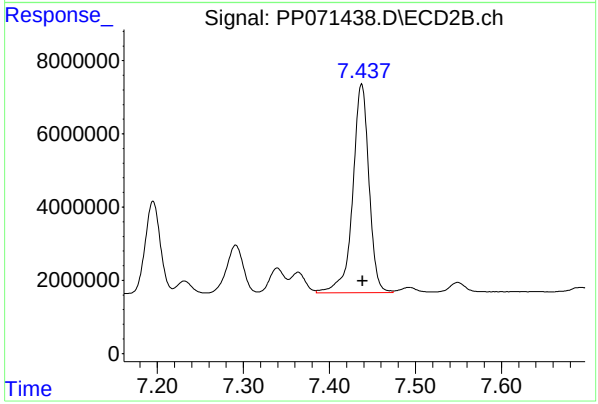
#34 AR-1260-4

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 30561931
Conc: 484.26 ng/ml



#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: -0.005 min
Response: 116751810
Conc: 515.29 ng/ml



#35 AR-1260-5

R.T.: 7.437 min
Delta R.T.: -0.001 min
Response: 74752864
Conc: 495.78 ng/ml

Raw Data: **PP071450.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 22:12 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.42	8.32	8.52	0.00
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

Raw Data: **PP071450.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/24/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 22:12 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.92	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.35	5.35	5.25	5.45	0.00
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.20	7.20	7.10	7.30	0.00
Aroclor-1260-5	(5)	7.44	7.44	7.34	7.54	0.00
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.85	8.85	8.75	8.95	0.00

Raw Data: **PP071450.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL18 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071450.D **Time Analyzed:** 22:12

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.667	5.571	5.771	525.270	500.000	5.1
Aroclor-1016-2	5.688	5.593	5.793	529.380	500.000	5.9
Aroclor-1016-3	5.750	5.654	5.854	526.390	500.000	5.3
Aroclor-1016-4	5.848	5.752	5.952	531.600	500.000	6.3
Aroclor-1016-5	6.141	6.045	6.245	533.350	500.000	6.7
Aroclor-1260-1	7.259	7.165	7.365	538.260	500.000	7.7
Aroclor-1260-2	7.513	7.418	7.618	518.160	500.000	3.6
Aroclor-1260-3	7.872	7.777	7.977	533.180	500.000	6.6
Aroclor-1260-4	8.095	8.002	8.202	514.460	500.000	2.9
Aroclor-1260-5	8.416	8.322	8.522	525.980	500.000	5.2
Decachlorobiphenyl	10.229	10.137	10.337	53.720	50.000	7.4
Tetrachloro-m-xylene	4.513	4.417	4.617	52.270	50.000	4.5

Raw Data: **PP071450.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL18 **Date Analyzed:** 04/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071450.D **Time Analyzed:** 22:12

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.896	4.798	4.998	516.820	500.000	3.4
Aroclor-1016-2	4.915	4.816	5.016	512.710	500.000	2.5
Aroclor-1016-3	5.091	4.993	5.193	521.130	500.000	4.2
Aroclor-1016-4	5.133	5.036	5.236	506.320	500.000	1.3
Aroclor-1016-5	5.348	5.250	5.450	557.360	500.000	11.5
Aroclor-1260-1	6.383	6.285	6.485	513.870	500.000	2.8
Aroclor-1260-2	6.571	6.473	6.673	506.840	500.000	1.4
Aroclor-1260-3	6.723	6.627	6.827	519.300	500.000	3.9
Aroclor-1260-4	7.195	7.098	7.298	530.720	500.000	6.1
Aroclor-1260-5	7.436	7.339	7.539	527.770	500.000	5.6
Decachlorobiphenyl	8.845	8.749	8.949	53.190	50.000	6.4
Tetrachloro-m-xylene	3.811	3.712	3.912	53.430	50.000	6.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 22:12
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:28:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.811	103.6E6	75262606	52.274	53.429
2)	SA Decachlor...	10.229	8.845	77786845	46653887	53.720	53.194
	Target Compounds						
3)	L1 AR-1016-1	5.667	4.896	35219380	27667072	525.272	516.817
4)	L1 AR-1016-2	5.688	4.915	54329640	39152691	529.383	512.713
5)	L1 AR-1016-3	5.750	5.091	32450337	21997183	526.389	521.132
6)	L1 AR-1016-4	5.848	5.133	27269840	17460903	531.595	506.319
7)	L1 AR-1016-5	6.141	5.348	25727889	24773014	533.349	557.357
31)	L7 AR-1260-1	7.259	6.383	51685851	37152486	538.256	513.871
32)	L7 AR-1260-2	7.513	6.571	74137266	44329006	518.162	506.841
33)	L7 AR-1260-3	7.872	6.723	59771423	40707034	533.178	519.305
34)	L7 AR-1260-4	8.095	7.195	58064528	33494291	514.461	530.724
35)	L7 AR-1260-5	8.416	7.436	119.2E6	79575867	525.975	527.771

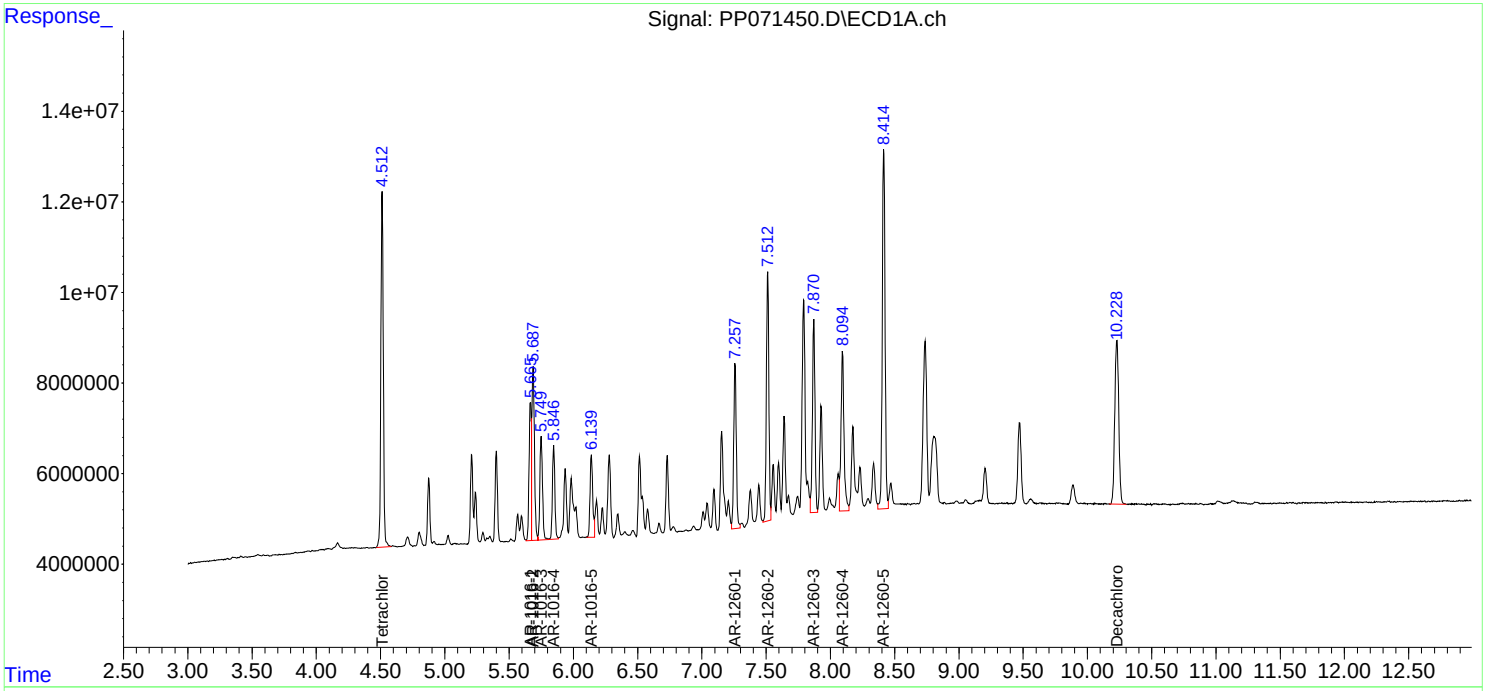
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

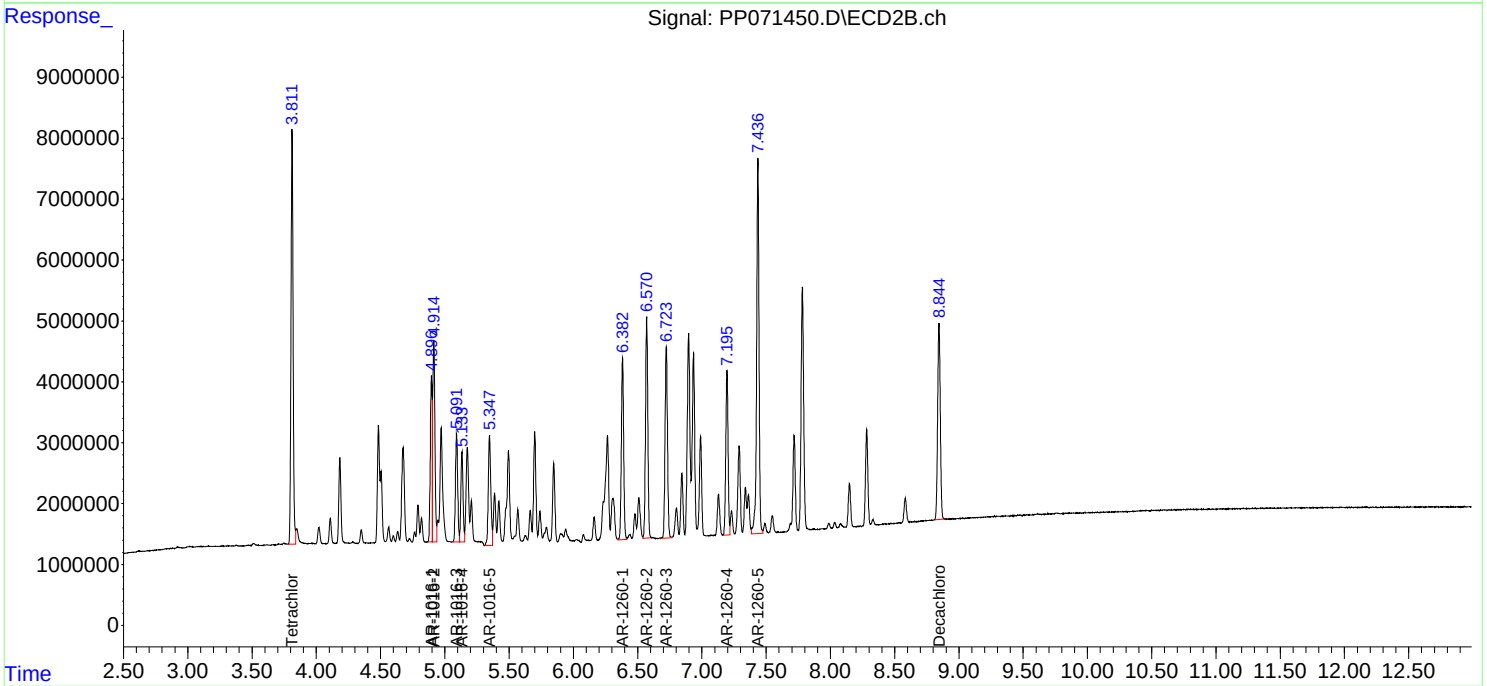
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 22:12
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

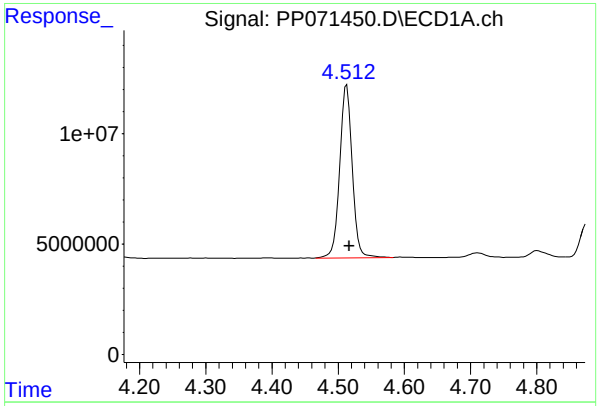
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:28:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



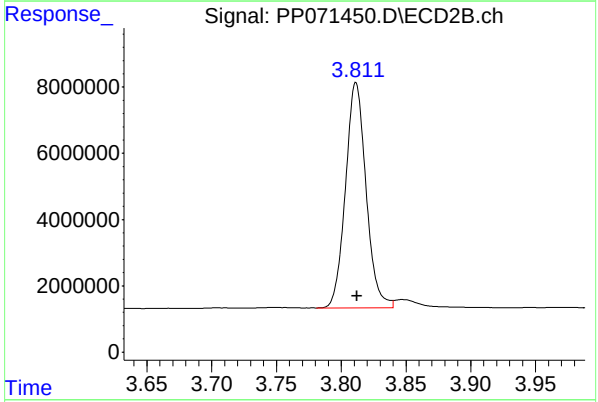




#1 Tetrachloro-m-xylene

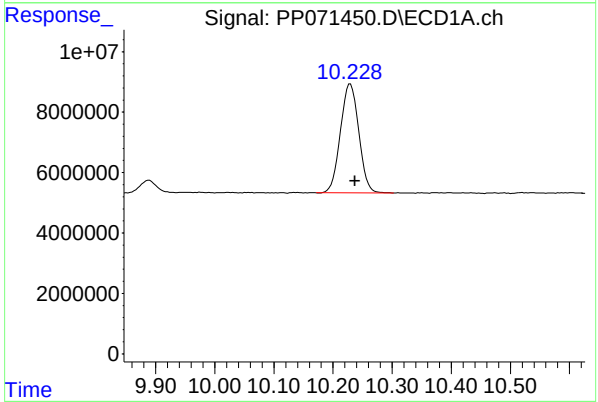
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 103640219
Conc: 52.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



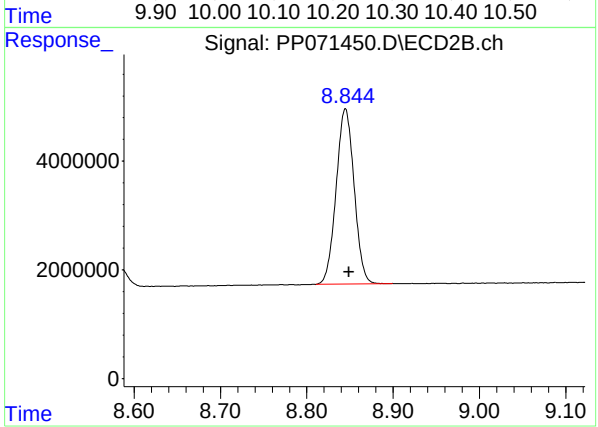
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 75262606
Conc: 53.43 ng/ml



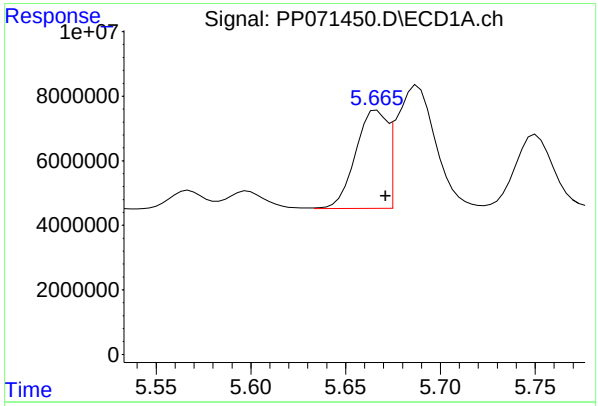
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: -0.008 min
Response: 77786845
Conc: 53.72 ng/ml



#2 Decachlorobiphenyl

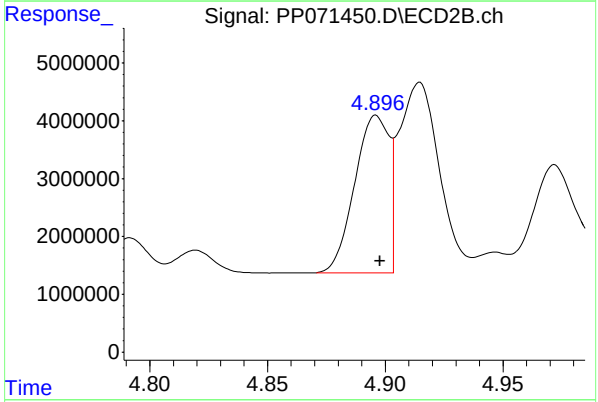
R.T.: 8.845 min
Delta R.T.: -0.004 min
Response: 46653887
Conc: 53.19 ng/ml



#3 AR-1016-1

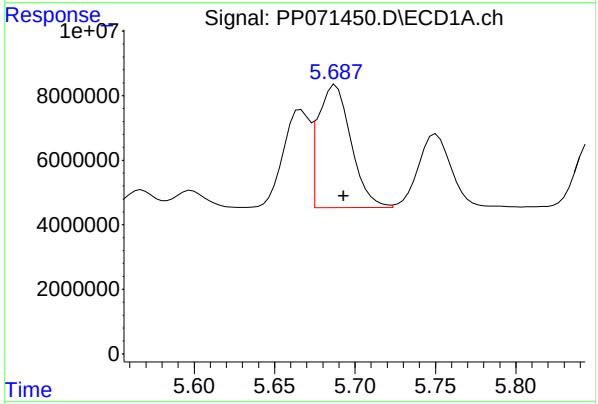
R.T.: 5.667 min
Delta R.T.: -0.004 min
Response: 35219380
Conc: 525.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



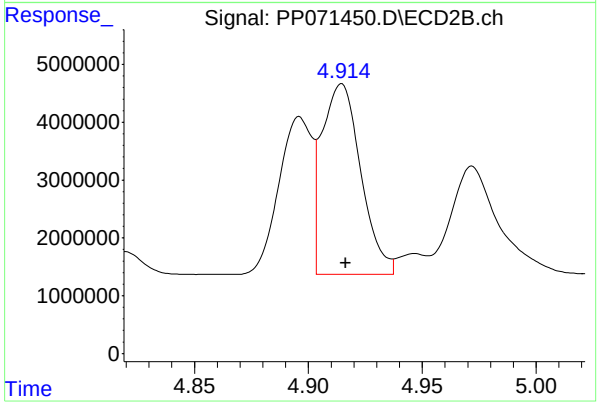
#3 AR-1016-1

R.T.: 4.896 min
Delta R.T.: -0.002 min
Response: 27667072
Conc: 516.82 ng/ml



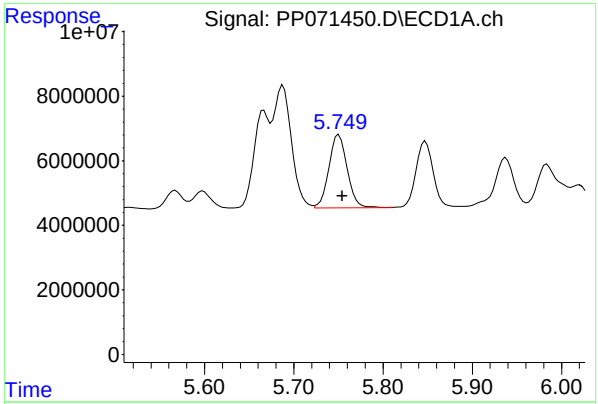
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 54329640
Conc: 529.38 ng/ml



#4 AR-1016-2

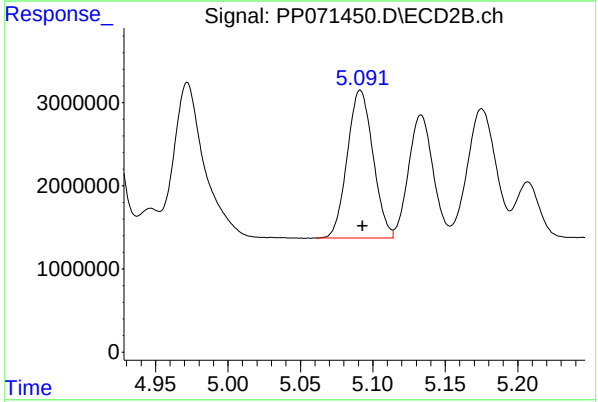
R.T.: 4.915 min
Delta R.T.: -0.002 min
Response: 39152691
Conc: 512.71 ng/ml



#5 AR-1016-3

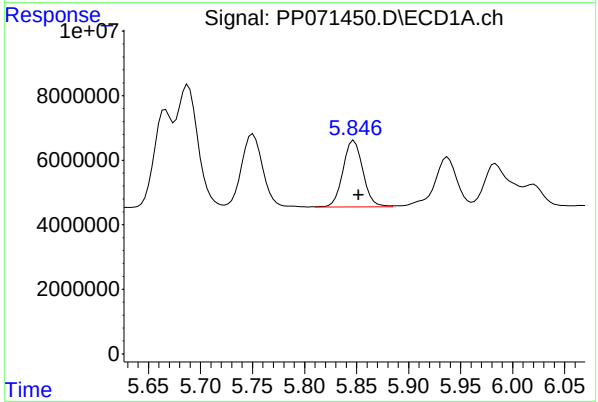
R.T.: 5.750 min
Delta R.T.: -0.004 min
Response: 32450337
Conc: 526.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



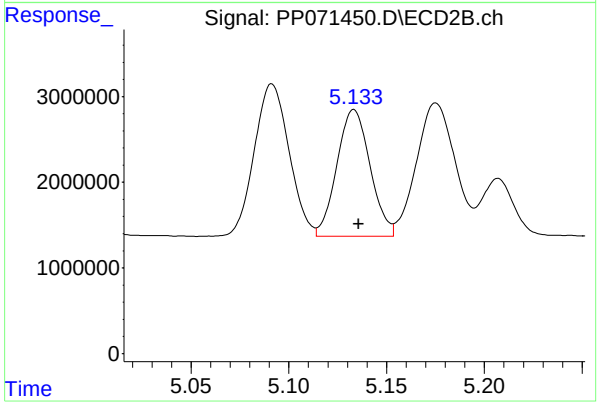
#5 AR-1016-3

R.T.: 5.091 min
Delta R.T.: -0.002 min
Response: 21997183
Conc: 521.13 ng/ml



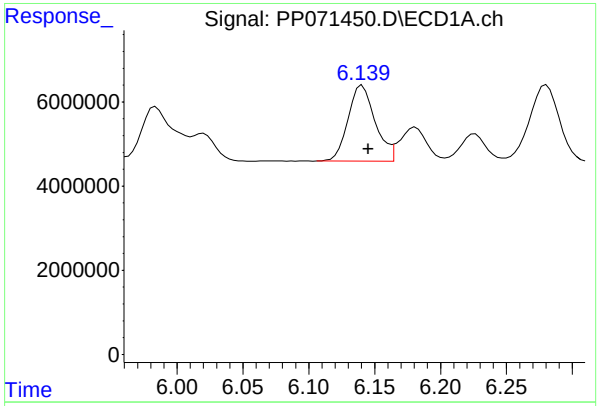
#6 AR-1016-4

R.T.: 5.848 min
Delta R.T.: -0.004 min
Response: 27269840
Conc: 531.60 ng/ml



#6 AR-1016-4

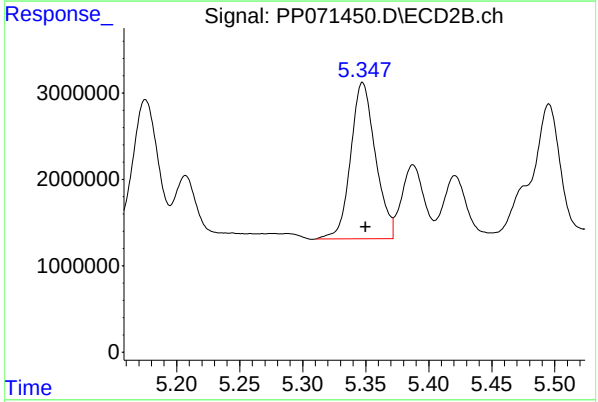
R.T.: 5.133 min
Delta R.T.: -0.002 min
Response: 17460903
Conc: 506.32 ng/ml



#7 AR-1016-5

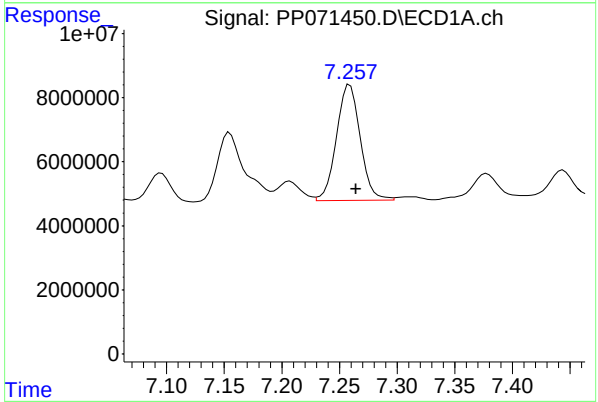
R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 25727889
Conc: 533.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



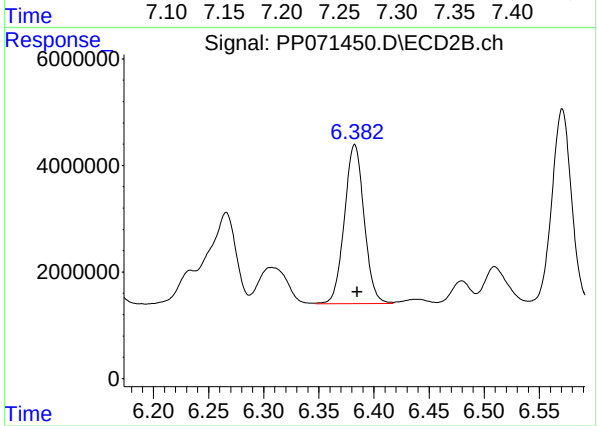
#7 AR-1016-5

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 24773014
Conc: 557.36 ng/ml



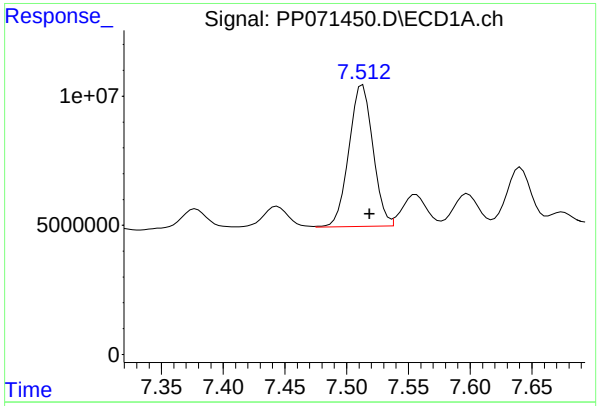
#31 AR-1260-1

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 51685851
Conc: 538.26 ng/ml



#31 AR-1260-1

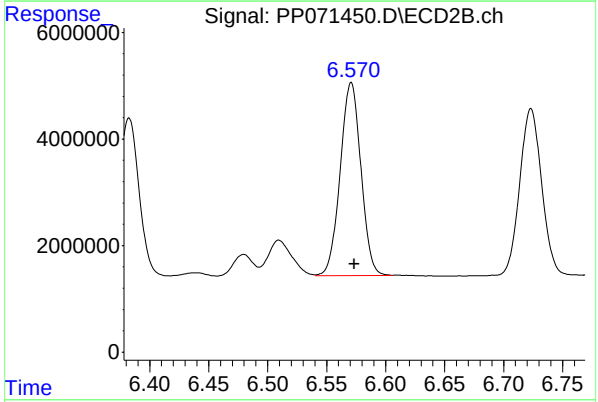
R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 37152486
Conc: 513.87 ng/ml



#32 AR-1260-2

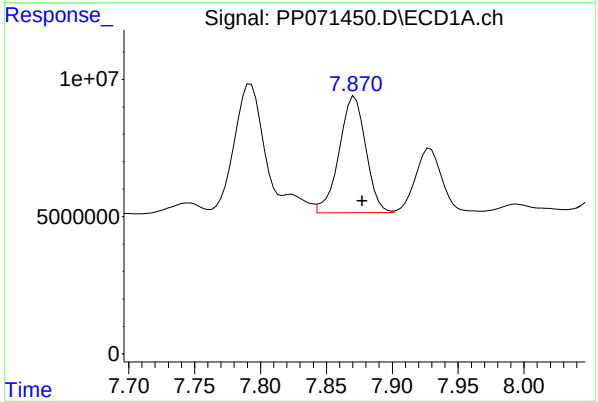
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 74137266
Conc: 518.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



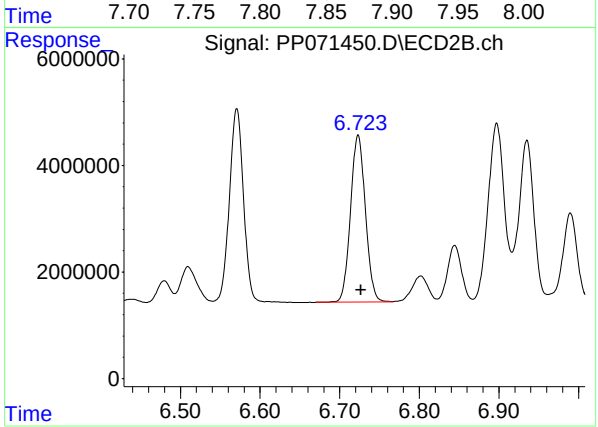
#32 AR-1260-2

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 44329006
Conc: 506.84 ng/ml



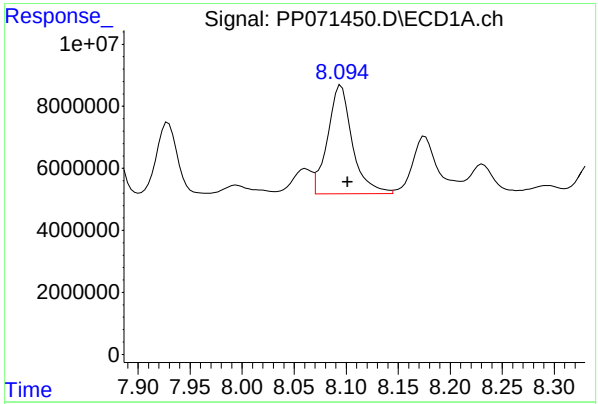
#33 AR-1260-3

R.T.: 7.872 min
Delta R.T.: -0.006 min
Response: 59771423
Conc: 533.18 ng/ml



#33 AR-1260-3

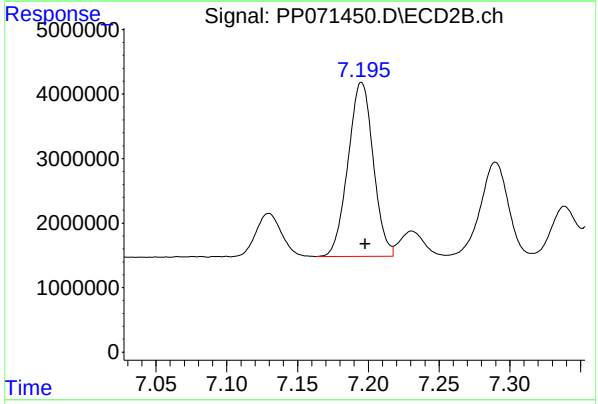
R.T.: 6.723 min
Delta R.T.: -0.004 min
Response: 40707034
Conc: 519.30 ng/ml



#34 AR-1260-4

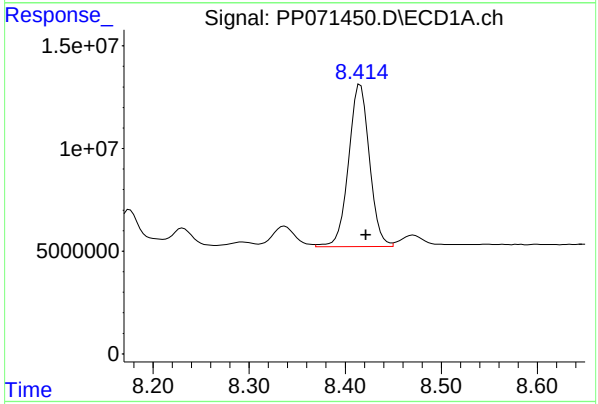
R.T.: 8.095 min
Delta R.T.: -0.007 mi
Response: 58064528
Conc: 514.46 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



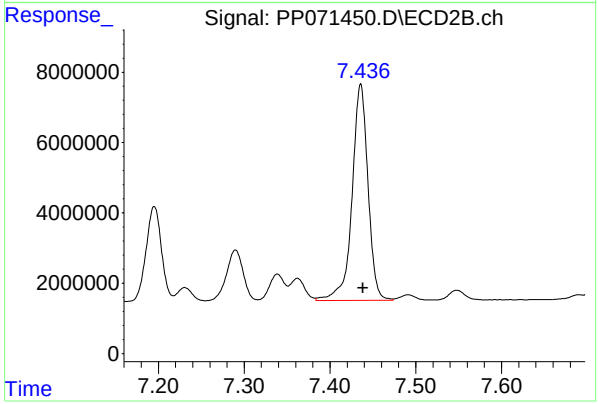
#34 AR-1260-4

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 33494291
Conc: 530.72 ng/ml



#35 AR-1260-5

R.T.: 8.416 min
Delta R.T.: -0.006 min
Response: 119171950
Conc: 525.98 ng/ml



#35 AR-1260-5

R.T.: 7.436 min
Delta R.T.: -0.003 min
Response: 79575867
Conc: 527.77 ng/ml

Raw Data: **PP071528.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 08:28 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

Raw Data: **PP071528.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 08:28 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

Raw Data: **PP071528.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL19 **Date Analyzed:** 04/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071528.D **Time Analyzed:** 08:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.667	5.571	5.771	479.640	500.000	-4.1
Aroclor-1016-2	5.688	5.593	5.793	494.560	500.000	-1.1
Aroclor-1016-3	5.750	5.654	5.854	482.000	500.000	-3.6
Aroclor-1016-4	5.848	5.752	5.952	483.910	500.000	-3.2
Aroclor-1016-5	6.140	6.045	6.245	489.670	500.000	-2.1
Aroclor-1260-1	7.259	7.165	7.365	474.390	500.000	-5.1
Aroclor-1260-2	7.513	7.418	7.618	484.300	500.000	-3.1
Aroclor-1260-3	7.871	7.777	7.977	505.470	500.000	1.1
Aroclor-1260-4	8.095	8.002	8.202	504.790	500.000	1.0
Aroclor-1260-5	8.415	8.322	8.522	502.570	500.000	0.5
Decachlorobiphenyl	10.228	10.137	10.337	50.380	50.000	0.8
Tetrachloro-m-xylene	4.514	4.417	4.617	50.770	50.000	1.5

Raw Data: **PP071528.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL19 **Date Analyzed:** 04/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071528.D **Time Analyzed:** 08:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.893	4.798	4.998	503.970	500.000	0.8
Aroclor-1016-2	4.911	4.816	5.016	511.280	500.000	2.3
Aroclor-1016-3	5.089	4.993	5.193	516.340	500.000	3.3
Aroclor-1016-4	5.129	5.036	5.236	523.840	500.000	4.8
Aroclor-1016-5	5.344	5.250	5.450	520.790	500.000	4.2
Aroclor-1260-1	6.379	6.285	6.485	507.560	500.000	1.5
Aroclor-1260-2	6.567	6.473	6.673	512.510	500.000	2.5
Aroclor-1260-3	6.720	6.627	6.827	518.030	500.000	3.6
Aroclor-1260-4	7.191	7.098	7.298	513.530	500.000	2.7
Aroclor-1260-5	7.432	7.339	7.539	516.680	500.000	3.3
Decachlorobiphenyl	8.840	8.749	8.949	48.920	50.000	-2.2
Tetrachloro-m-xylene	3.809	3.712	3.912	48.890	50.000	-2.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071528.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 08:28
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:04:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.809	100.7E6	68875061	50.769	48.895
2)	SA Decachlor...	10.228	8.840	72950451	42902492	50.380	48.917
	Target Compounds						
3)	L1 AR-1016-1	5.667	4.893	32159505	26979186	479.636	503.968
4)	L1 AR-1016-2	5.688	4.911	50756315	39043341	494.564	511.281
5)	L1 AR-1016-3	5.750	5.089	29714125	21794931	482.004	516.340
6)	L1 AR-1016-4	5.848	5.129	24823433	18065176	483.905	523.842
7)	L1 AR-1016-5	6.140	5.344	23620799	23147786	489.668	520.792
31)	L7 AR-1260-1	7.259	6.379	45553545	36696185	474.394	507.560
32)	L7 AR-1260-2	7.513	6.567	69292125	44824623	484.298	512.507
33)	L7 AR-1260-3	7.871	6.720	56665675	40606899	505.474	518.027
34)	L7 AR-1260-4	8.095	7.191	56973162	32409438	504.791	513.534
35)	L7 AR-1260-5	8.415	7.432	113.9E6	77903686	502.565	516.680

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

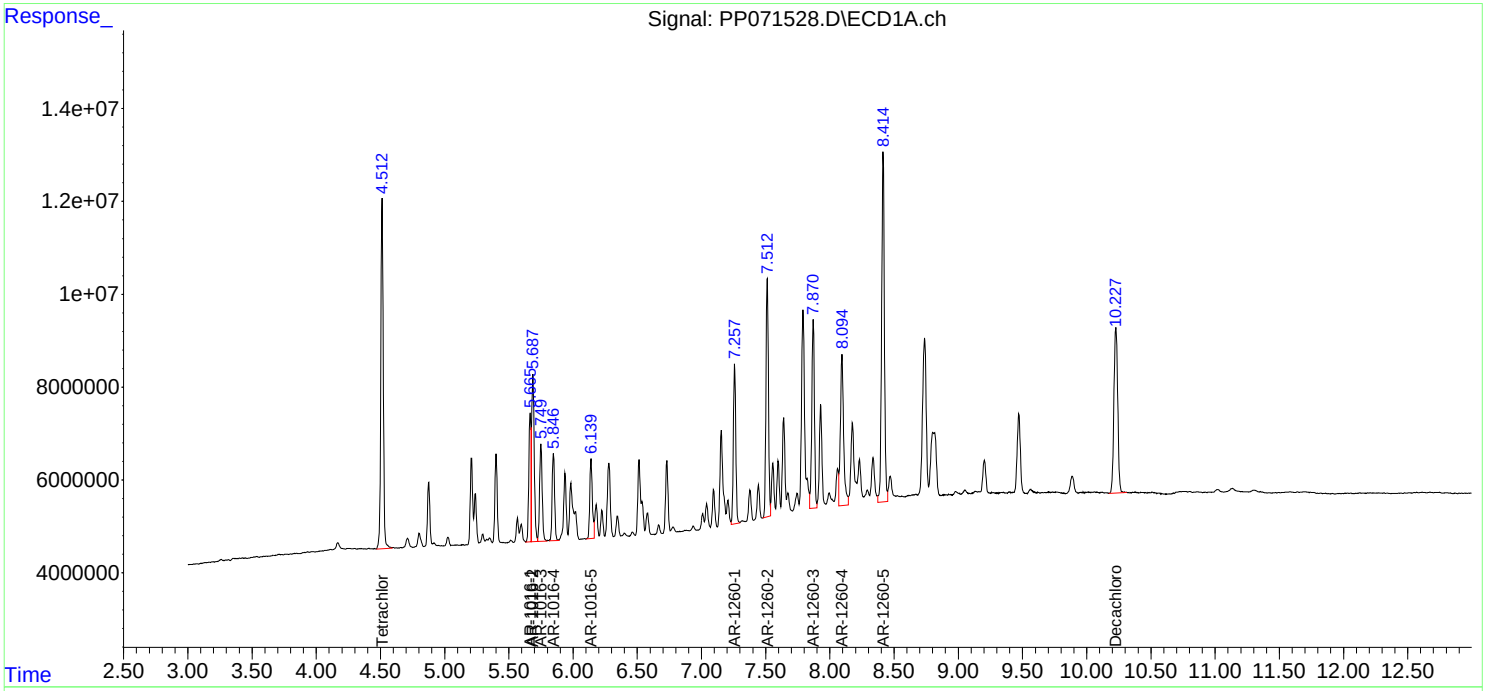
Sample Results: **PP071528.D**

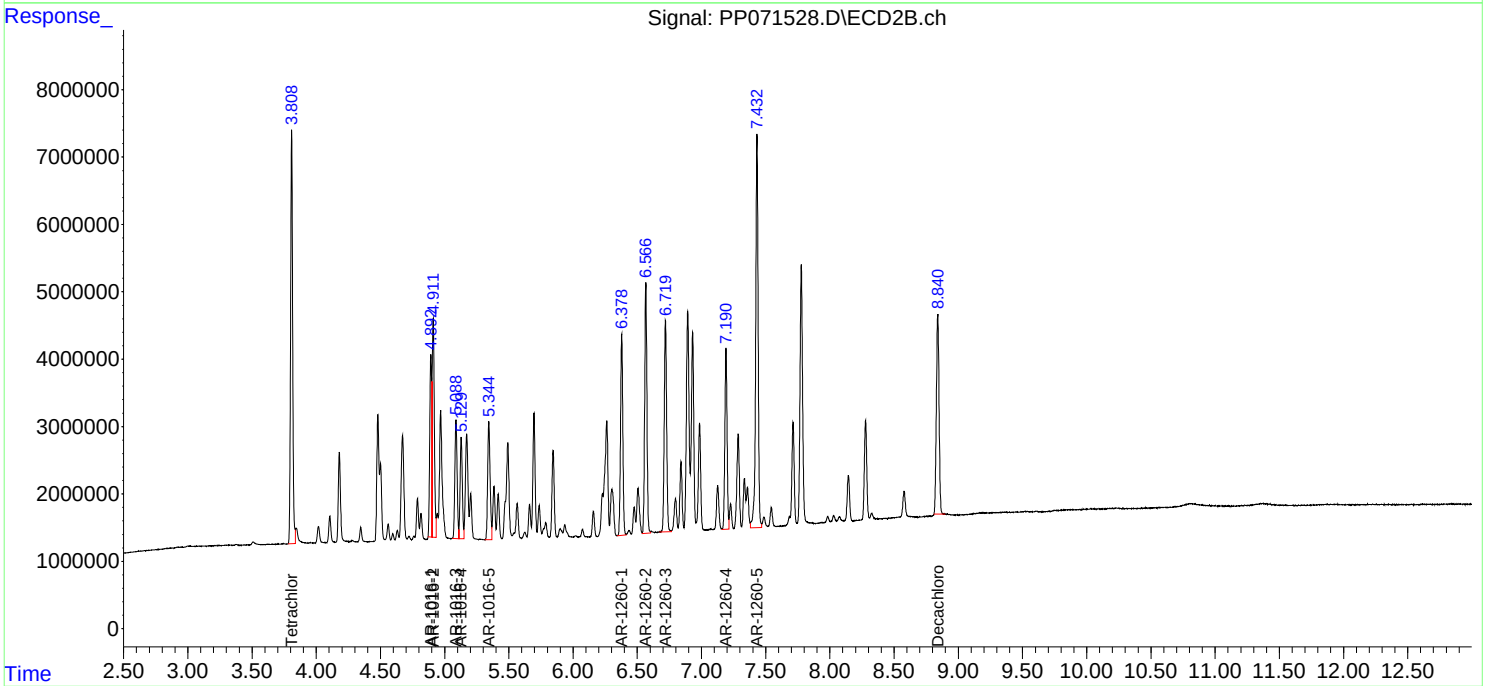
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071528.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 08:28
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

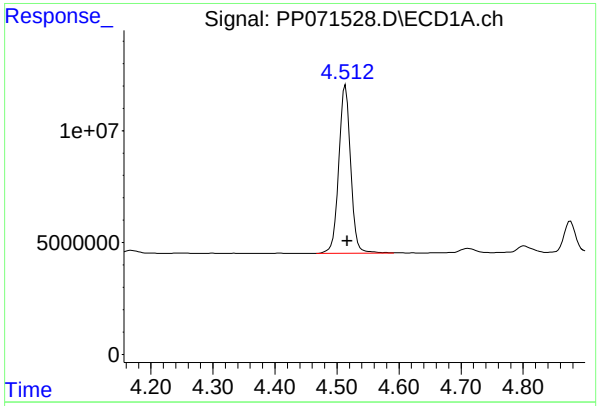
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:04:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



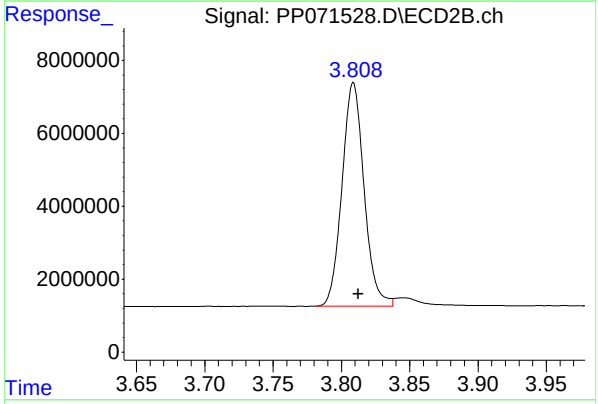




#1 Tetrachloro-m-xylene

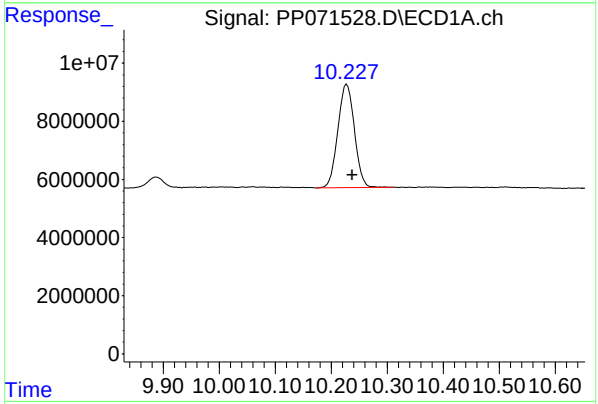
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 100656571
Conc: 50.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



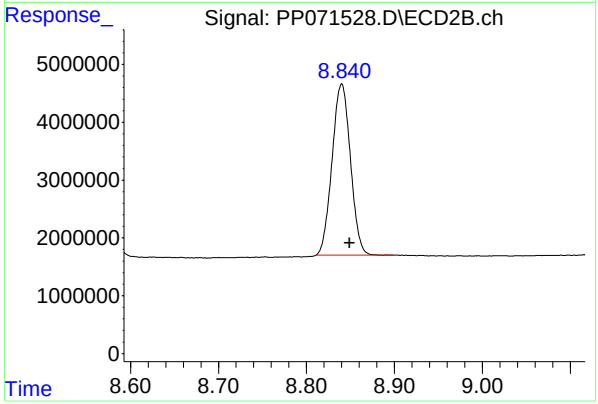
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 68875061
Conc: 48.89 ng/ml



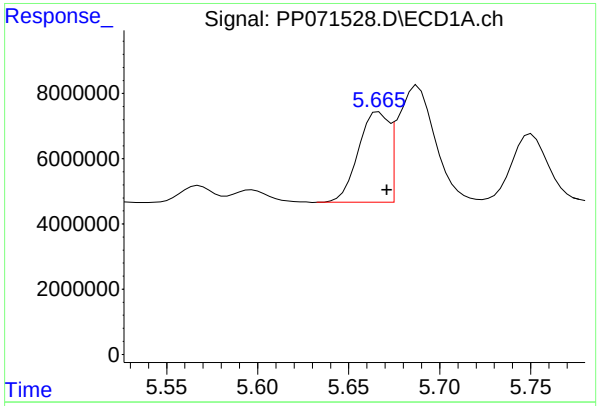
#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.009 min
Response: 72950451
Conc: 50.38 ng/ml



#2 Decachlorobiphenyl

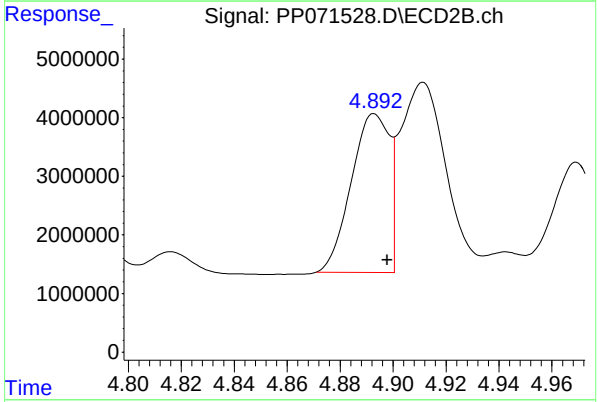
R.T.: 8.840 min
Delta R.T.: -0.009 min
Response: 42902492
Conc: 48.92 ng/ml



#3 AR-1016-1

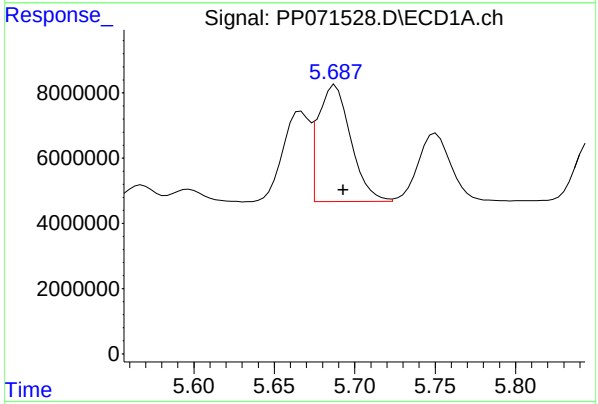
R.T.: 5.667 min
Delta R.T.: -0.004 min
Response: 32159505
Conc: 479.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



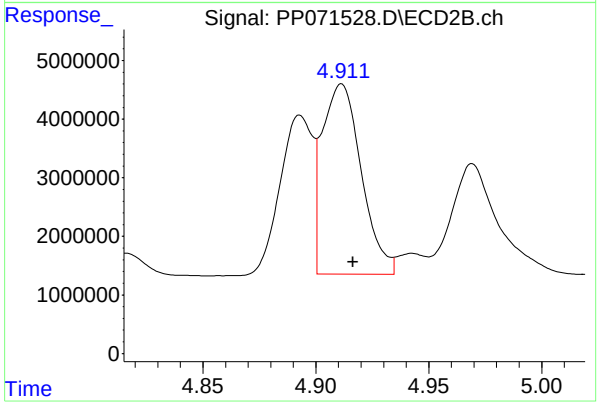
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.005 min
Response: 26979186
Conc: 503.97 ng/ml



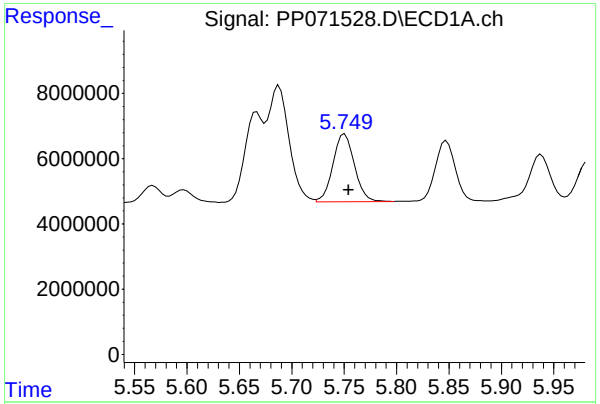
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 50756315
Conc: 494.56 ng/ml



#4 AR-1016-2

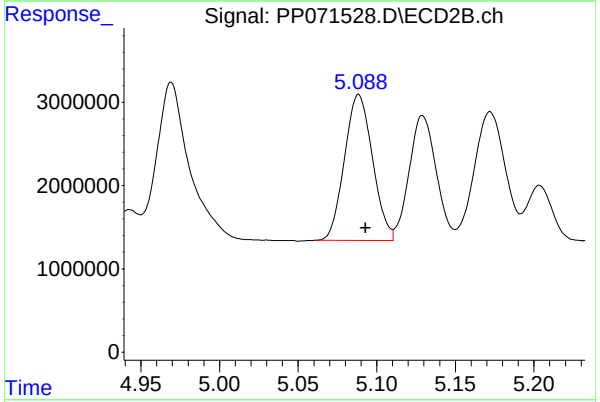
R.T.: 4.911 min
Delta R.T.: -0.005 min
Response: 39043341
Conc: 511.28 ng/ml



#5 AR-1016-3

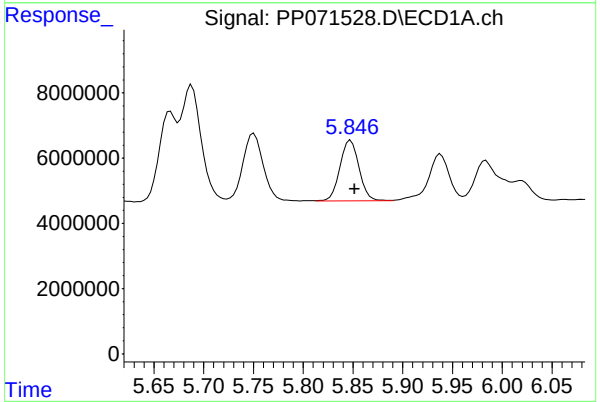
R.T.: 5.750 min
Delta R.T.: -0.004 min
Response: 29714125
Conc: 482.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



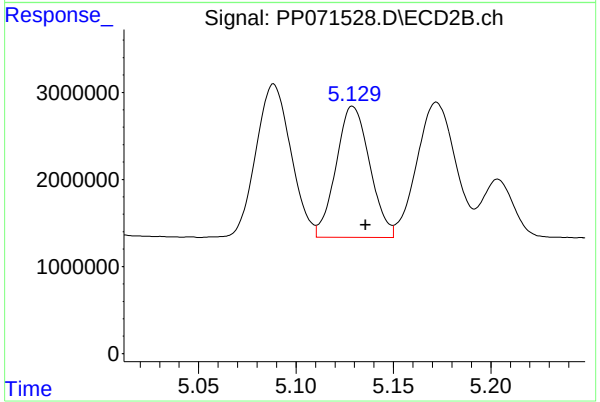
#5 AR-1016-3

R.T.: 5.089 min
Delta R.T.: -0.004 min
Response: 21794931
Conc: 516.34 ng/ml



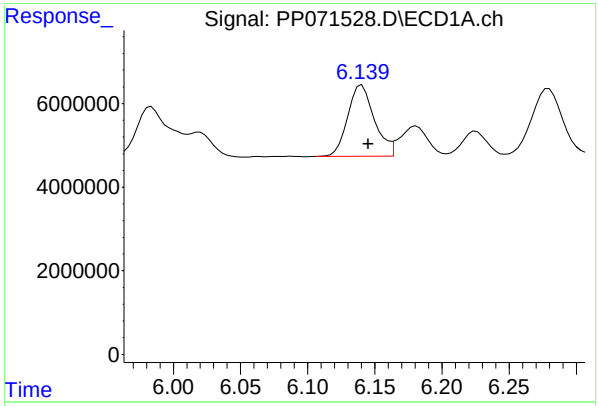
#6 AR-1016-4

R.T.: 5.848 min
Delta R.T.: -0.004 min
Response: 24823433
Conc: 483.91 ng/ml



#6 AR-1016-4

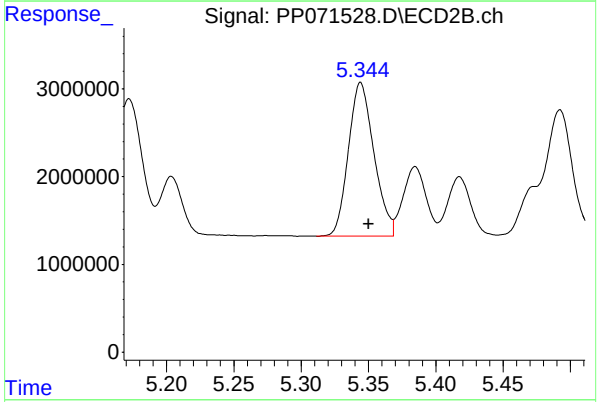
R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 18065176
Conc: 523.84 ng/ml



#7 AR-1016-5

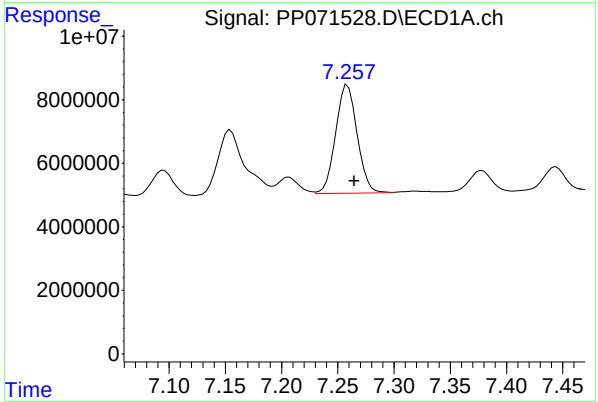
R.T.: 6.140 min
Delta R.T.: -0.005 min
Response: 23620799
Conc: 489.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



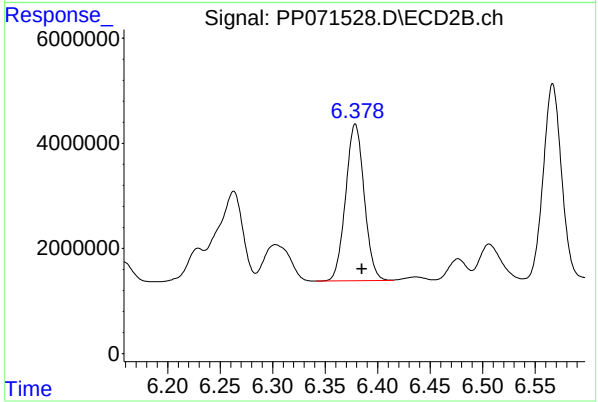
#7 AR-1016-5

R.T.: 5.344 min
Delta R.T.: -0.006 min
Response: 23147786
Conc: 520.79 ng/ml



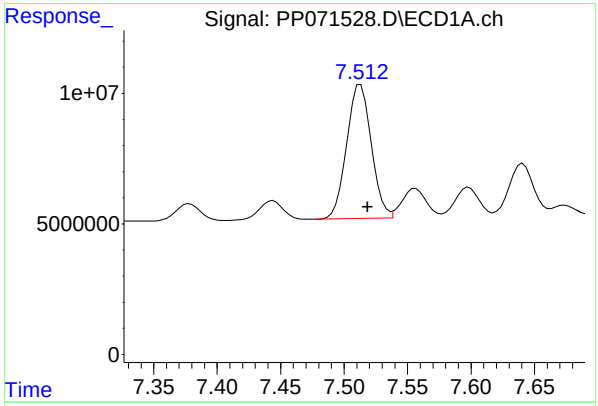
#31 AR-1260-1

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 45553545
Conc: 474.39 ng/ml



#31 AR-1260-1

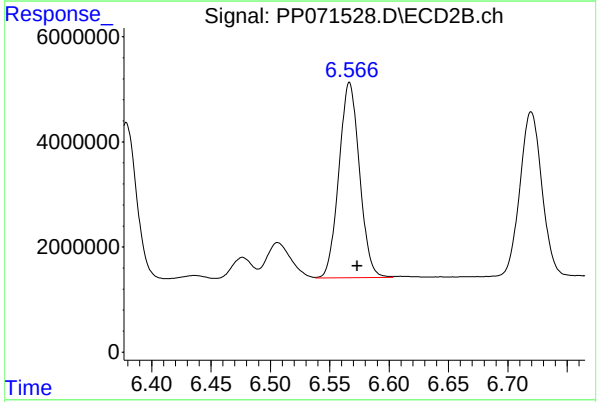
R.T.: 6.379 min
Delta R.T.: -0.006 min
Response: 36696185
Conc: 507.56 ng/ml



#32 AR-1260-2

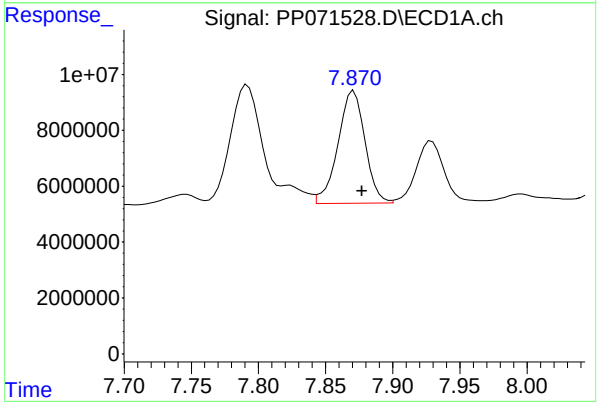
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 69292125
Conc: 484.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



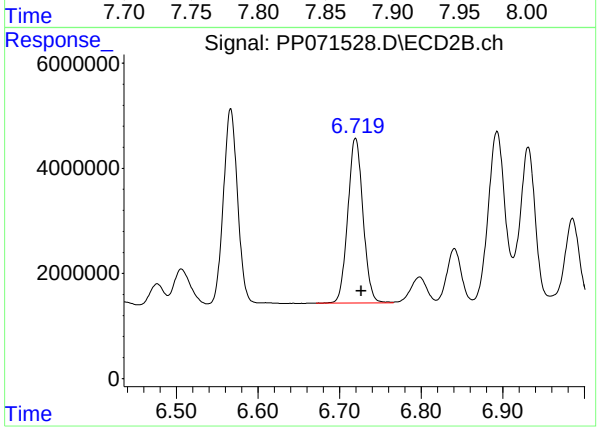
#32 AR-1260-2

R.T.: 6.567 min
Delta R.T.: -0.007 min
Response: 44824623
Conc: 512.51 ng/ml



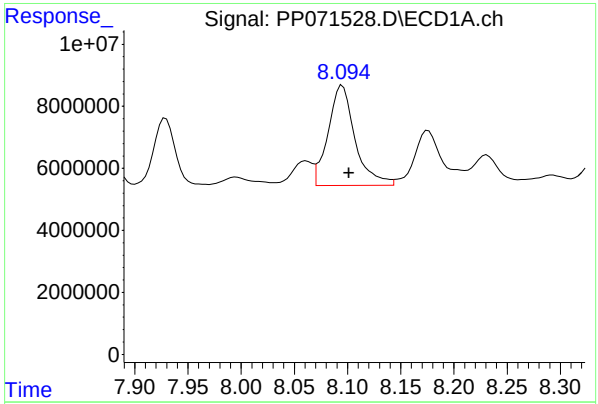
#33 AR-1260-3

R.T.: 7.871 min
Delta R.T.: -0.006 min
Response: 56665675
Conc: 505.47 ng/ml



#33 AR-1260-3

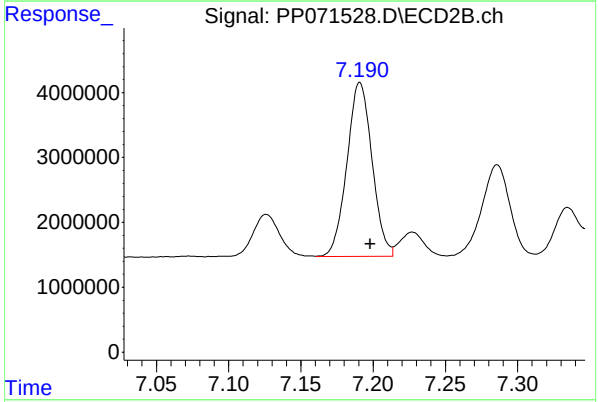
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 40606899
Conc: 518.03 ng/ml



#34 AR-1260-4

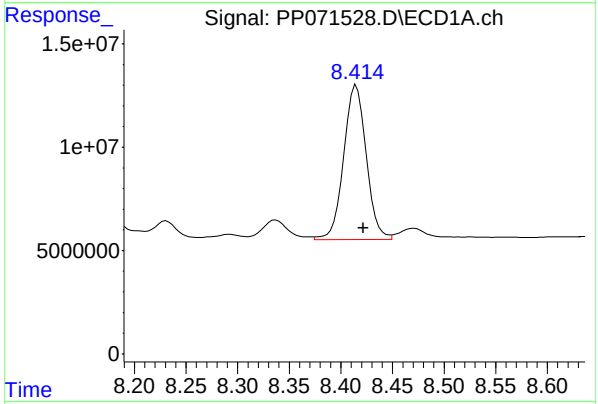
R.T.: 8.095 min
Delta R.T.: -0.006 min
Response: 56973162
Conc: 504.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



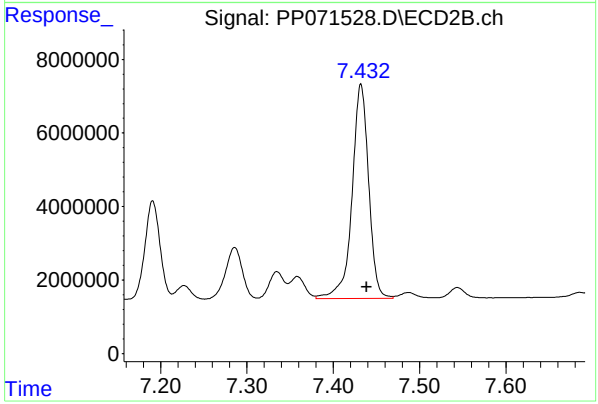
#34 AR-1260-4

R.T.: 7.191 min
Delta R.T.: -0.007 min
Response: 32409438
Conc: 513.53 ng/ml



#35 AR-1260-5

R.T.: 8.415 min
Delta R.T.: -0.007 min
Response: 113867791
Conc: 502.57 ng/ml



#35 AR-1260-5

R.T.: 7.432 min
Delta R.T.: -0.007 min
Response: 77903686
Conc: 516.68 ng/ml

Raw Data: **PP071542.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 12:53 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.01
Aroclor-1016-4	(4)	5.84	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.22	10.24	10.14	10.34	0.02

Raw Data: **PP071542.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/28/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 12:53 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.35	5.35	5.25	5.45	0.00
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

Raw Data: **PP071542.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL20 **Date Analyzed:** 04/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071542.D **Time Analyzed:** 12:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.662	5.571	5.771	472.400	500.000	-5.5
Aroclor-1016-2	5.684	5.593	5.793	469.150	500.000	-6.2
Aroclor-1016-3	5.745	5.654	5.854	465.430	500.000	-6.9
Aroclor-1016-4	5.843	5.752	5.952	472.130	500.000	-5.6
Aroclor-1016-5	6.136	6.045	6.245	465.790	500.000	-6.8
Aroclor-1260-1	7.255	7.165	7.365	453.340	500.000	-9.3
Aroclor-1260-2	7.508	7.418	7.618	459.620	500.000	-8.1
Aroclor-1260-3	7.867	7.777	7.977	480.840	500.000	-3.8
Aroclor-1260-4	8.091	8.002	8.202	461.550	500.000	-7.7
Aroclor-1260-5	8.411	8.322	8.522	479.340	500.000	-4.1
Decachlorobiphenyl	10.224	10.137	10.337	49.080	50.000	-1.8
Tetrachloro-m-xylene	4.509	4.417	4.617	49.030	50.000	-1.9

Raw Data: **PP071542.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL20 **Date Analyzed:** 04/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071542.D **Time Analyzed:** 12:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.894	4.798	4.998	507.840	500.000	1.6
Aroclor-1016-2	4.913	4.816	5.016	509.030	500.000	1.8
Aroclor-1016-3	5.090	4.993	5.193	515.210	500.000	3.0
Aroclor-1016-4	5.132	5.036	5.236	516.570	500.000	3.3
Aroclor-1016-5	5.346	5.250	5.450	515.930	500.000	3.2
Aroclor-1260-1	6.380	6.285	6.485	483.210	500.000	-3.4
Aroclor-1260-2	6.568	6.473	6.673	479.260	500.000	-4.1
Aroclor-1260-3	6.722	6.627	6.827	482.010	500.000	-3.6
Aroclor-1260-4	7.192	7.098	7.298	484.170	500.000	-3.2
Aroclor-1260-5	7.434	7.339	7.539	491.680	500.000	-1.7
Decachlorobiphenyl	8.842	8.749	8.949	49.250	50.000	-1.5
Tetrachloro-m-xylene	3.810	3.712	3.912	51.970	50.000	3.9

Quantitation Report (QT Reviewed)

Sample Results: **PP071542.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 12:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 13:03:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.509	3.810	97210220	73204565	49.031	51.968
2) SA	Decachlor...	10.224	8.842	71063997	43196224	49.077	49.252
	Target Compounds						
3) L1	AR-1016-1	5.662	4.894	31674026	27186439	472.395	507.839
4) L1	AR-1016-2	5.684	4.913	48147942	38871052	469.149	509.025
5) L1	AR-1016-3	5.745	5.090	28692415	21747257	465.430	515.211
6) L1	AR-1016-4	5.843	5.132	24219382	17814459	472.130	516.572
7) L1	AR-1016-5	6.136	5.346	22469142	22931704	465.794	515.930
31) L7	AR-1260-1	7.255	6.380	43531937	34936069	453.341	483.215
32) L7	AR-1260-2	7.508	6.568	65761347	41916850	459.621	479.261
33) L7	AR-1260-3	7.867	6.722	53903664	37783987	480.836	482.015
34) L7	AR-1260-4	8.091	7.192	52093018	30556195	461.552	484.169
35) L7	AR-1260-5	8.411	7.434	108.6E6	74134704	479.338	491.683

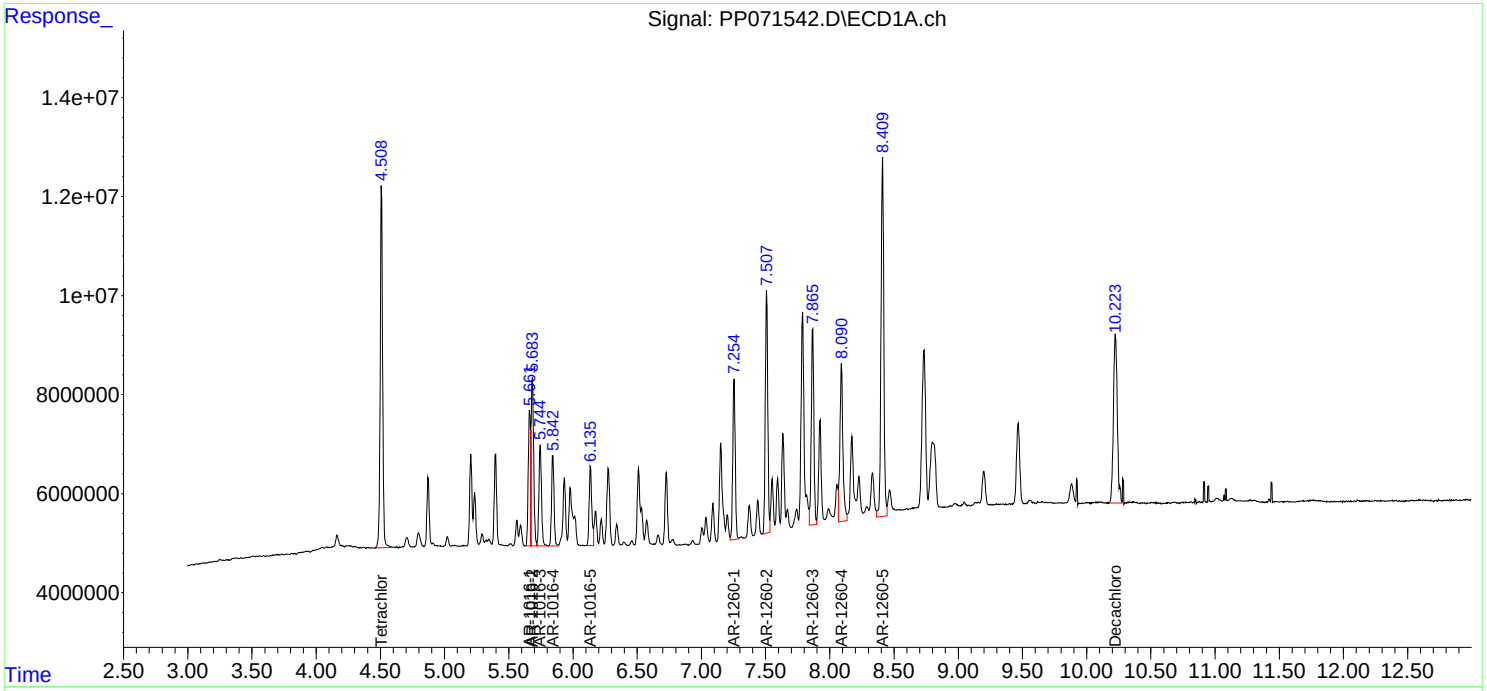
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

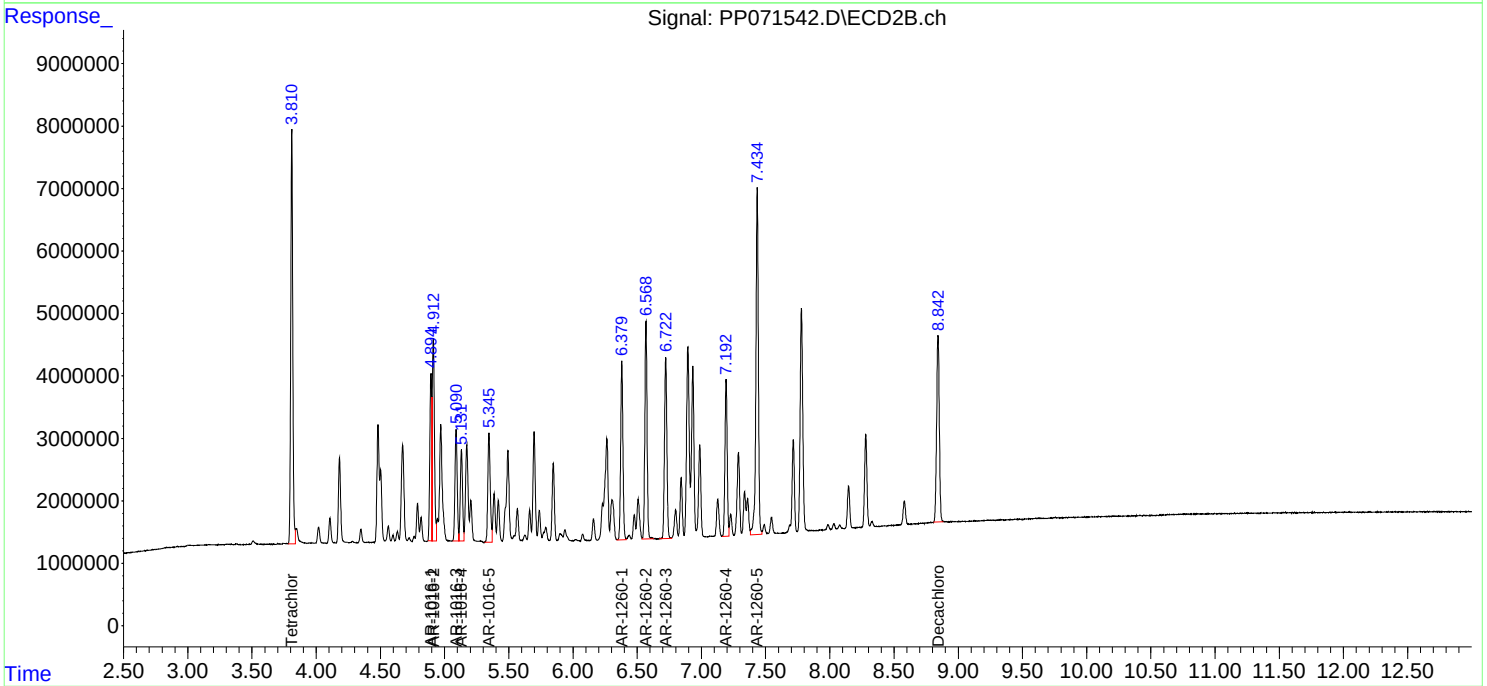
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 12:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

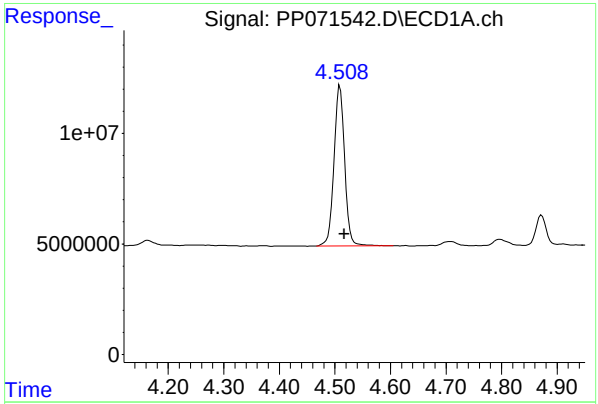
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 13:03:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



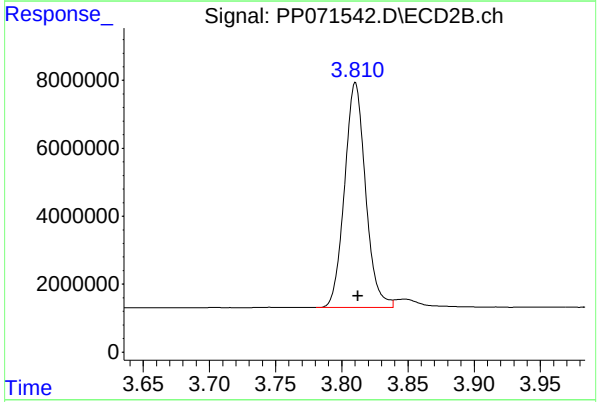




#1 Tetrachloro-m-xylene

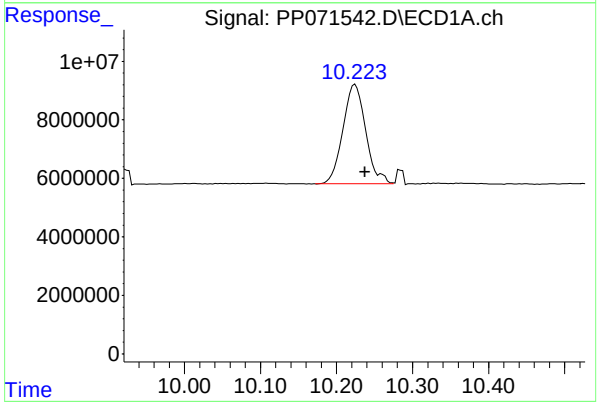
R.T.: 4.509 min
Delta R.T.: -0.008 min
Response: 97210220
Conc: 49.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



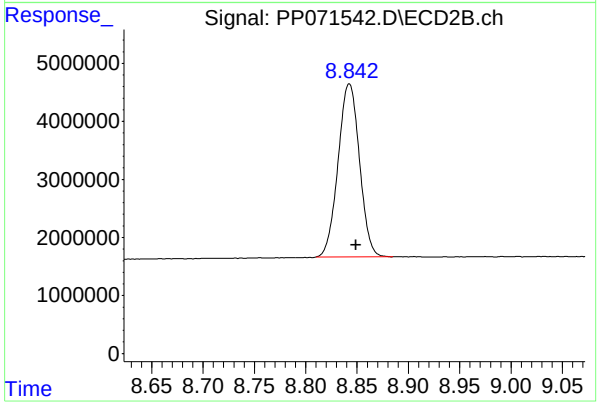
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 73204565
Conc: 51.97 ng/ml



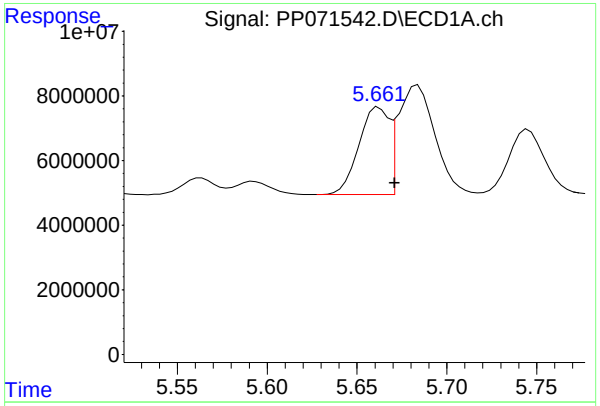
#2 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: -0.013 min
Response: 71063997
Conc: 49.08 ng/ml



#2 Decachlorobiphenyl

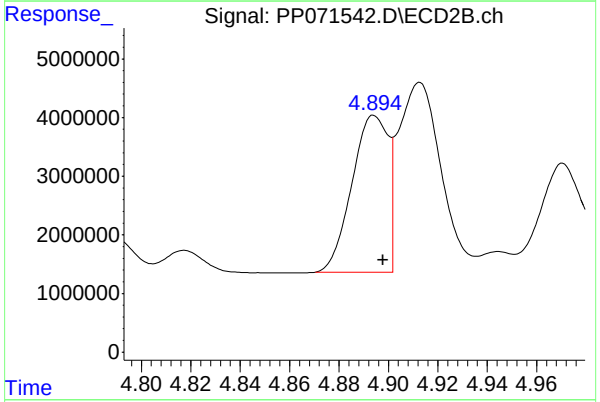
R.T.: 8.842 min
Delta R.T.: -0.007 min
Response: 43196224
Conc: 49.25 ng/ml



#3 AR-1016-1

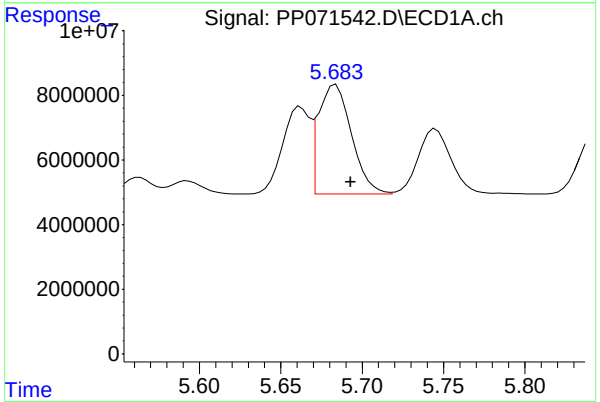
R.T.: 5.662 min
Delta R.T.: -0.009 min
Response: 31674026
Conc: 472.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



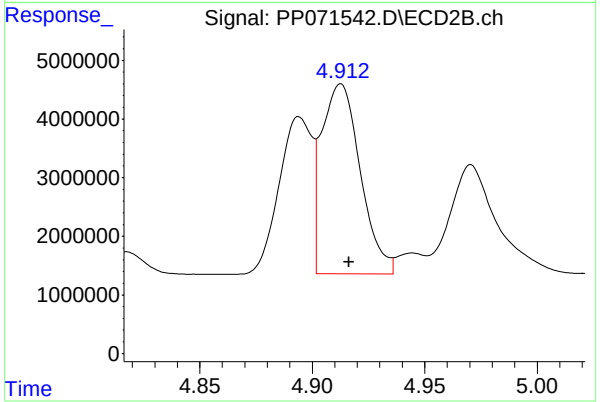
#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: -0.004 min
Response: 27186439
Conc: 507.84 ng/ml



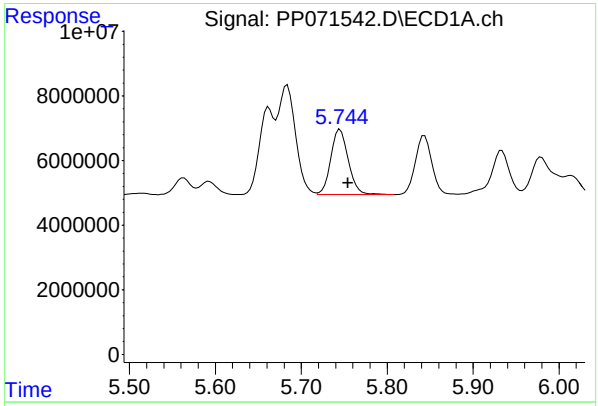
#4 AR-1016-2

R.T.: 5.684 min
Delta R.T.: -0.009 min
Response: 48147942
Conc: 469.15 ng/ml



#4 AR-1016-2

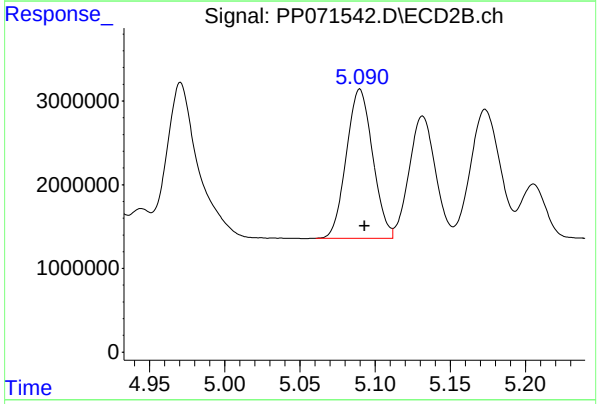
R.T.: 4.913 min
Delta R.T.: -0.004 min
Response: 38871052
Conc: 509.03 ng/ml



#5 AR-1016-3

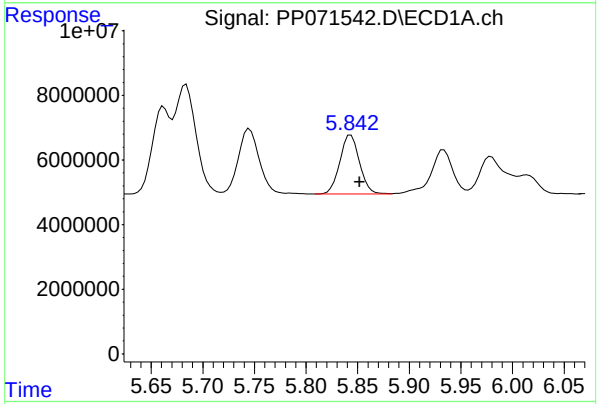
R.T.: 5.745 min
Delta R.T.: -0.009 min
Response: 28692415
Conc: 465.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



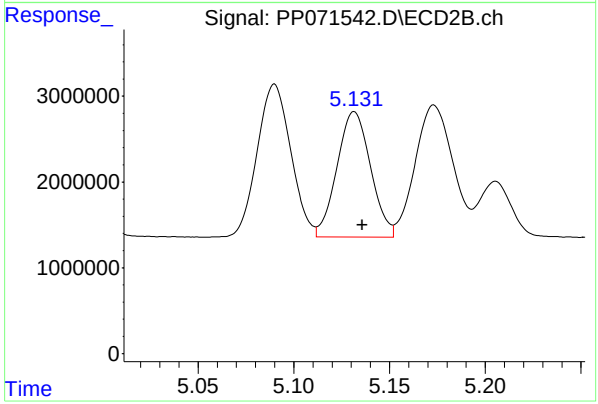
#5 AR-1016-3

R.T.: 5.090 min
Delta R.T.: -0.003 min
Response: 21747257
Conc: 515.21 ng/ml



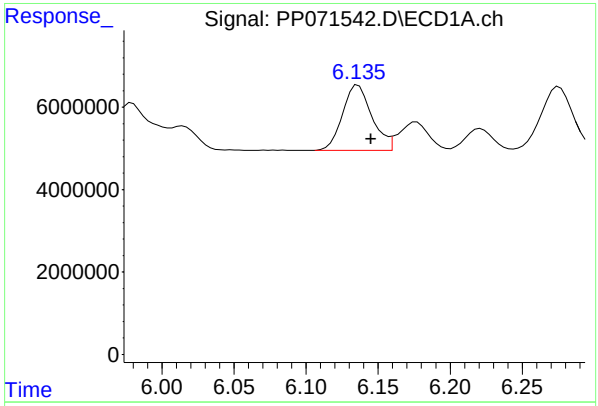
#6 AR-1016-4

R.T.: 5.843 min
Delta R.T.: -0.009 min
Response: 24219382
Conc: 472.13 ng/ml



#6 AR-1016-4

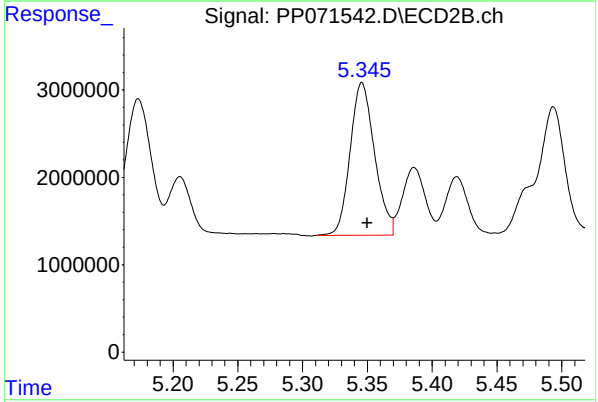
R.T.: 5.132 min
Delta R.T.: -0.004 min
Response: 17814459
Conc: 516.57 ng/ml



#7 AR-1016-5

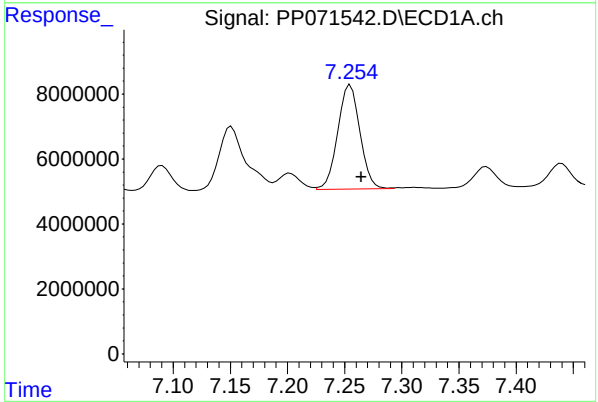
R.T.: 6.136 min
Delta R.T.: -0.009 min
Response: 22469142
Conc: 465.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



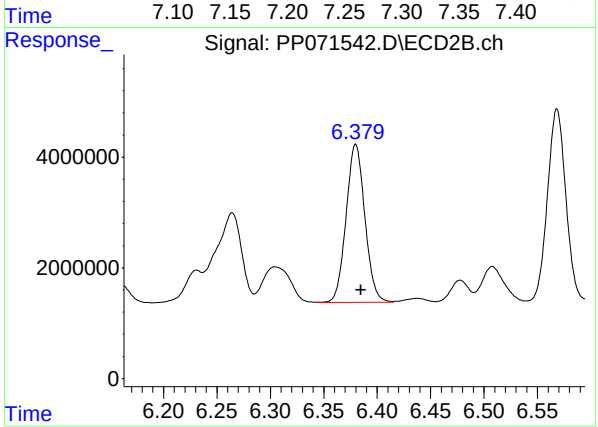
#7 AR-1016-5

R.T.: 5.346 min
Delta R.T.: -0.004 min
Response: 22931704
Conc: 515.93 ng/ml



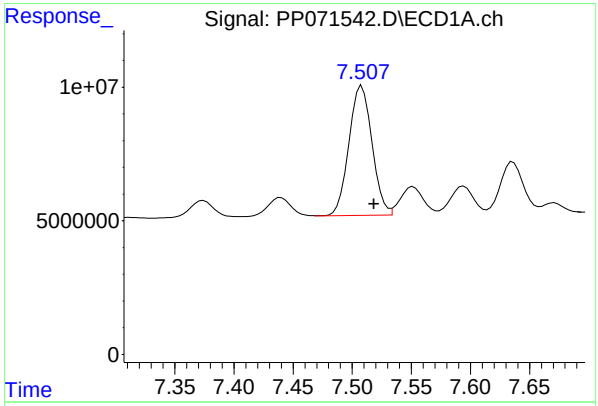
#31 AR-1260-1

R.T.: 7.255 min
Delta R.T.: -0.010 min
Response: 43531937
Conc: 453.34 ng/ml



#31 AR-1260-1

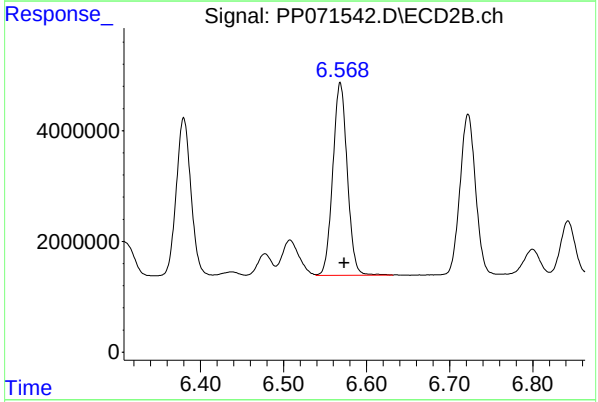
R.T.: 6.380 min
Delta R.T.: -0.005 min
Response: 34936069
Conc: 483.21 ng/ml



#32 AR-1260-2

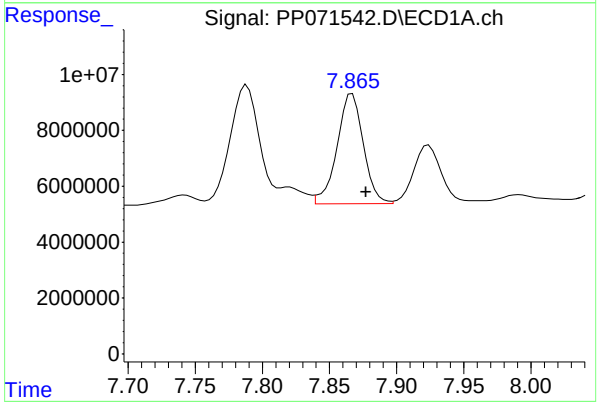
R.T.: 7.508 min
Delta R.T.: -0.010 min
Response: 65761347
Conc: 459.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



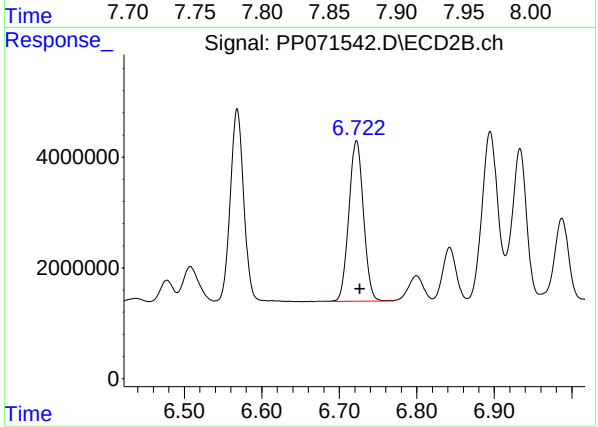
#32 AR-1260-2

R.T.: 6.568 min
Delta R.T.: -0.005 min
Response: 41916850
Conc: 479.26 ng/ml



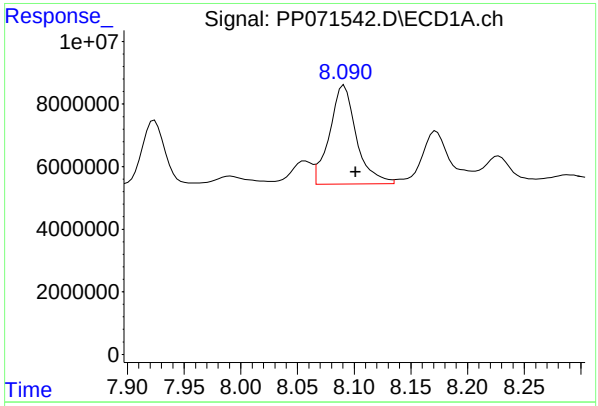
#33 AR-1260-3

R.T.: 7.867 min
Delta R.T.: -0.010 min
Response: 53903664
Conc: 480.84 ng/ml



#33 AR-1260-3

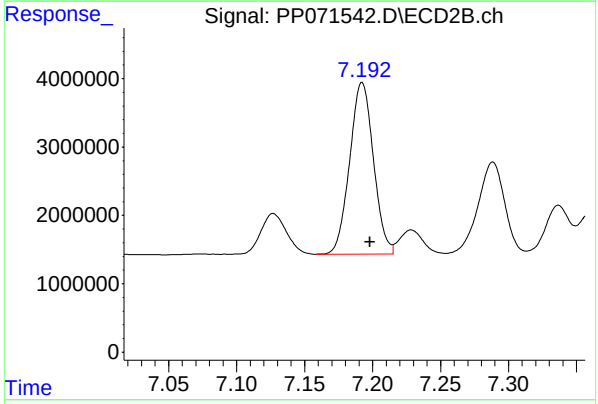
R.T.: 6.722 min
Delta R.T.: -0.005 min
Response: 37783987
Conc: 482.01 ng/ml



#34 AR-1260-4

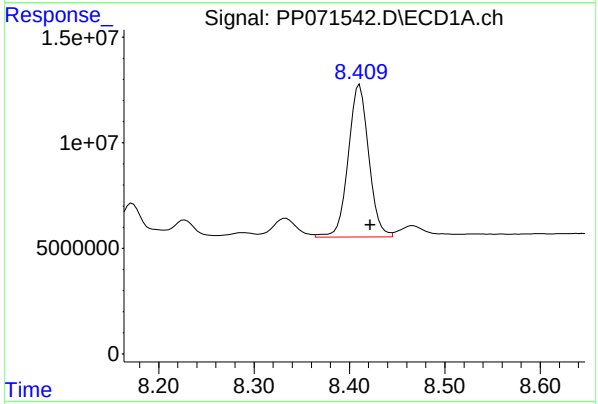
R.T.: 8.091 min
Delta R.T.: -0.010 min
Response: 52093018
Conc: 461.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



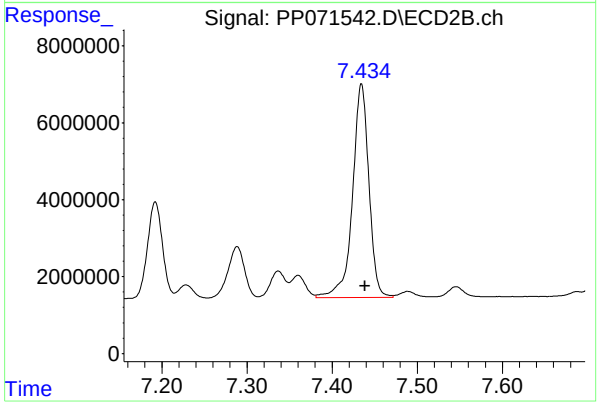
#34 AR-1260-4

R.T.: 7.192 min
Delta R.T.: -0.006 min
Response: 30556195
Conc: 484.17 ng/ml



#35 AR-1260-5

R.T.: 8.411 min
Delta R.T.: -0.011 min
Response: 108605066
Conc: 479.34 ng/ml



#35 AR-1260-5

R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 74134704
Conc: 491.68 ng/ml

Raw Data: **PP071599.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 10:33 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.84	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

Raw Data: **PP071599.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 10:33 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

Raw Data: **PP071599.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL21 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071599.D **Time Analyzed:** 10:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.663	5.571	5.771	514.370	500.000	2.9
Aroclor-1016-2	5.685	5.593	5.793	504.710	500.000	0.9
Aroclor-1016-3	5.747	5.654	5.854	510.290	500.000	2.1
Aroclor-1016-4	5.844	5.752	5.952	520.150	500.000	4.0
Aroclor-1016-5	6.137	6.045	6.245	506.180	500.000	1.2
Aroclor-1260-1	7.256	7.165	7.365	529.010	500.000	5.8
Aroclor-1260-2	7.509	7.418	7.618	515.870	500.000	3.2
Aroclor-1260-3	7.868	7.777	7.977	531.680	500.000	6.3
Aroclor-1260-4	8.092	8.002	8.202	513.780	500.000	2.8
Aroclor-1260-5	8.412	8.322	8.522	529.980	500.000	6.0
Decachlorobiphenyl	10.225	10.137	10.337	54.140	50.000	8.3
Tetrachloro-m-xylene	4.510	4.417	4.617	50.740	50.000	1.5

Raw Data: **PP071599.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL21 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071599.D **Time Analyzed:** 10:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.892	4.798	4.998	525.310	500.000	5.1
Aroclor-1016-2	4.911	4.816	5.016	530.190	500.000	6.0
Aroclor-1016-3	5.088	4.993	5.193	543.770	500.000	8.8
Aroclor-1016-4	5.130	5.036	5.236	528.260	500.000	5.7
Aroclor-1016-5	5.344	5.250	5.450	571.750	500.000	14.4
Aroclor-1260-1	6.378	6.285	6.485	556.170	500.000	11.2
Aroclor-1260-2	6.566	6.473	6.673	550.380	500.000	10.1
Aroclor-1260-3	6.720	6.627	6.827	543.580	500.000	8.7
Aroclor-1260-4	7.190	7.098	7.298	548.770	500.000	9.8
Aroclor-1260-5	7.432	7.339	7.539	538.670	500.000	7.7
Decachlorobiphenyl	8.840	8.749	8.949	53.370	50.000	6.7
Tetrachloro-m-xylene	3.808	3.712	3.912	56.790	50.000	13.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 10:33
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:21:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.510	3.808	100.6E6	79992653	50.742	56.787
2) SA	Decachlor...	10.225	8.840	78397179	46812312	54.141	53.375
	Target Compounds						
3) L1	AR-1016-1	5.663	4.892	34488678	28121480	514.374	525.305
4) L1	AR-1016-2	5.685	4.911	51797987	40487611	504.714	530.194
5) L1	AR-1016-3	5.747	5.088	31458115	22952658	510.293	543.768
6) L1	AR-1016-4	5.844	5.130	26682573	18217376	520.147	528.255
7) L1	AR-1016-5	6.137	5.344	24417182	25412541	506.177	571.746
31) L7	AR-1260-1	7.256	6.378	50797861	40210631	529.009	556.170
32) L7	AR-1260-2	7.509	6.566	73808673	48136859	515.865	550.378
33) L7	AR-1260-3	7.868	6.720	59603275	42609621	531.678	543.576
34) L7	AR-1260-4	8.092	7.190	57987345	34633280	513.777	548.771
35) L7	AR-1260-5	8.412	7.432	120.1E6	81219363	529.979	538.671

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

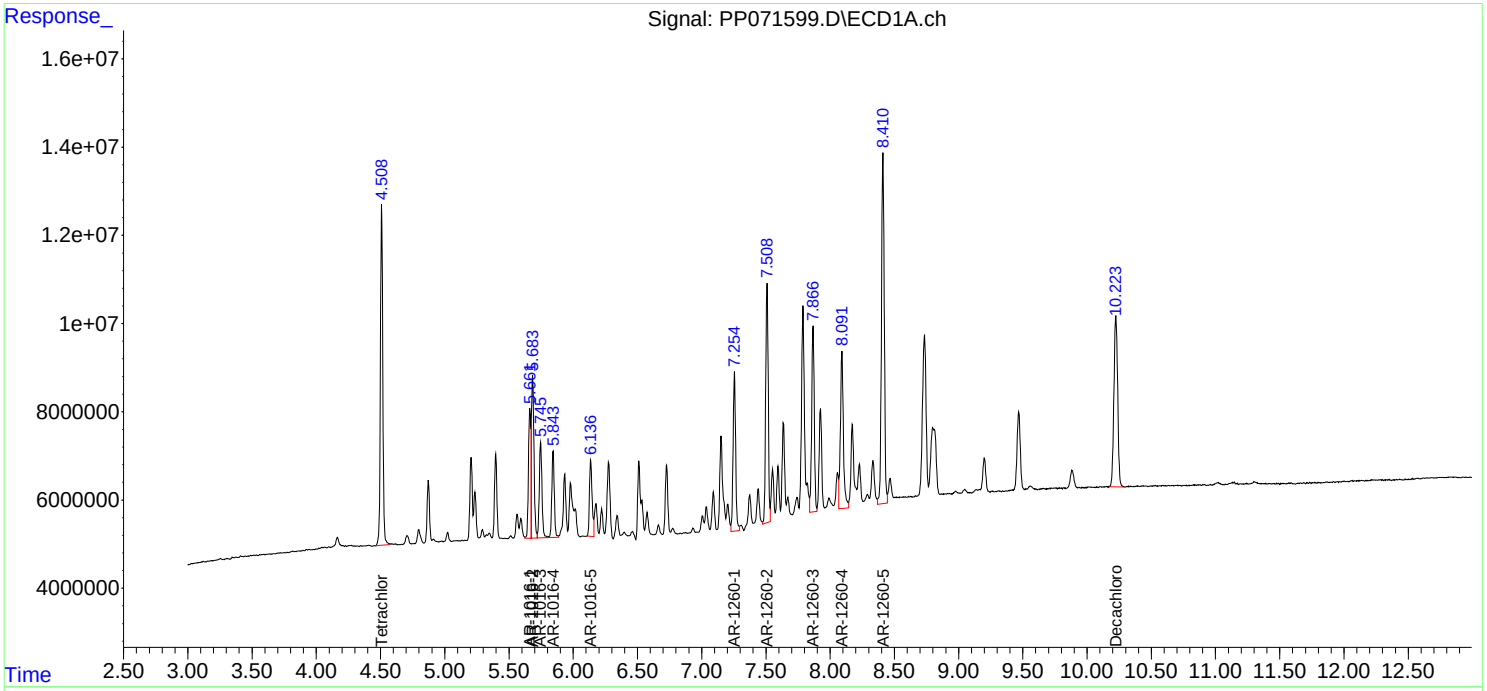
Sample Results: **PP071599.D**

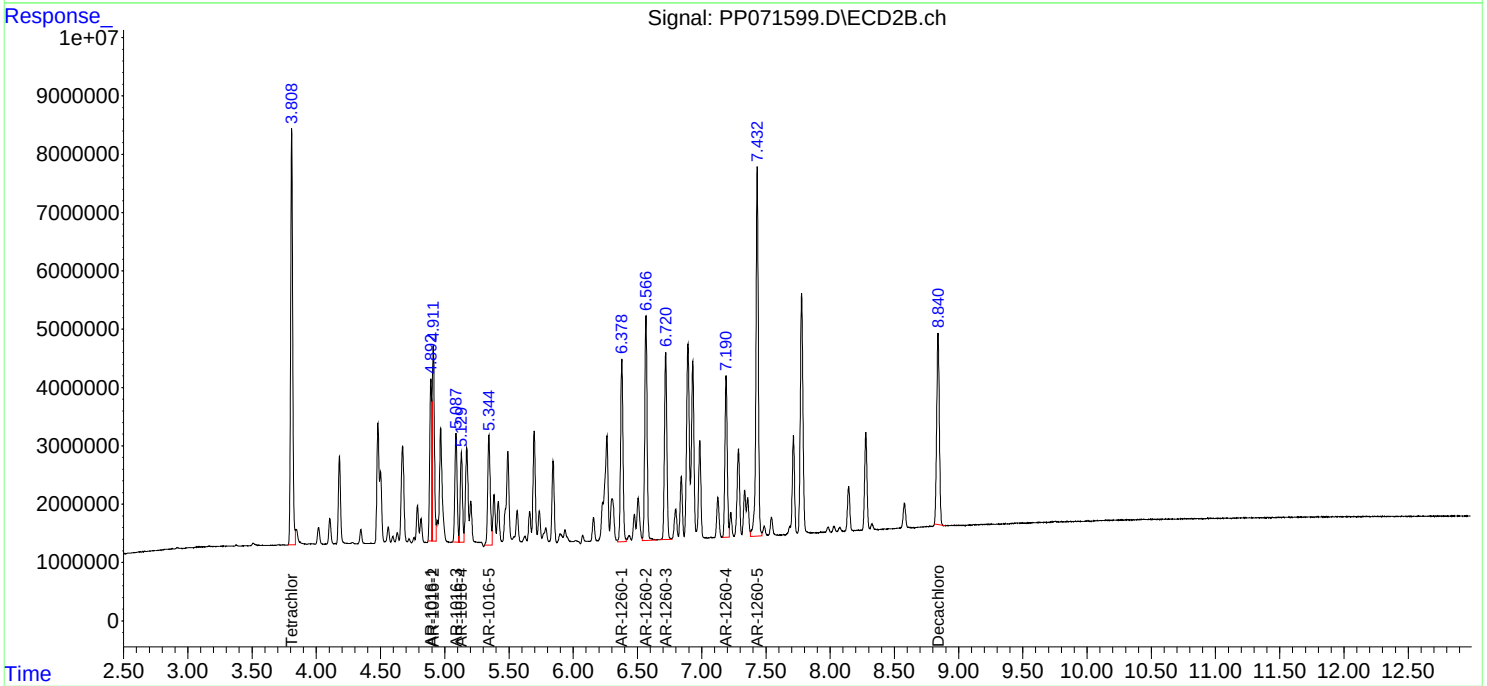
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 10:33
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

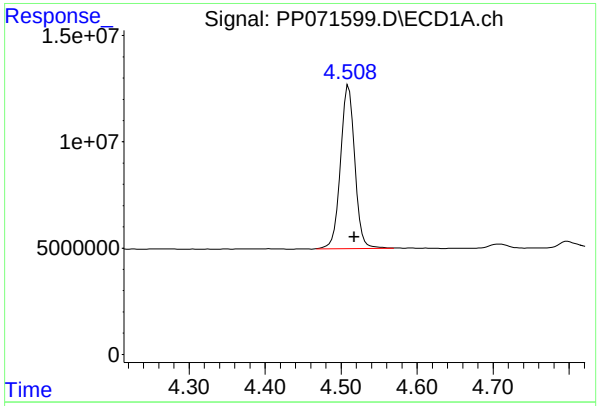
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:21:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



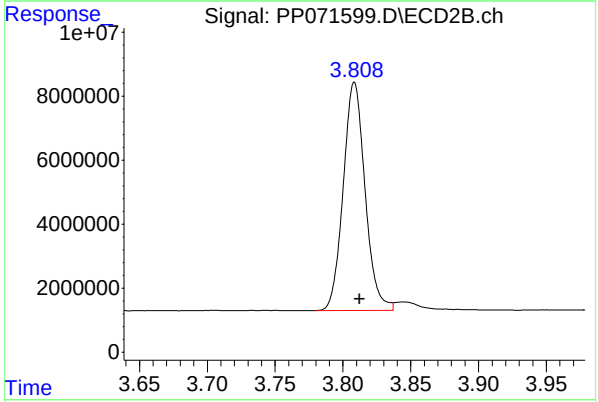




#1 Tetrachloro-m-xylene

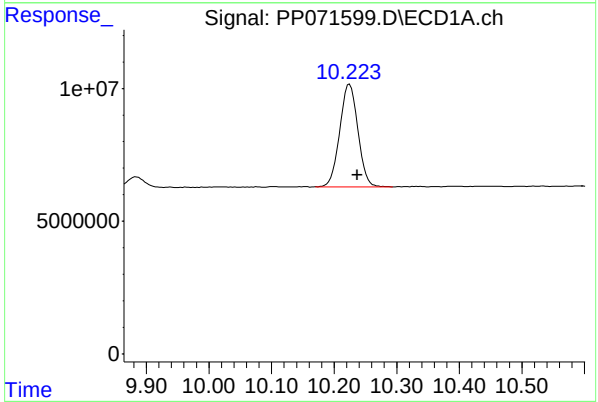
R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 100602059
Conc: 50.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



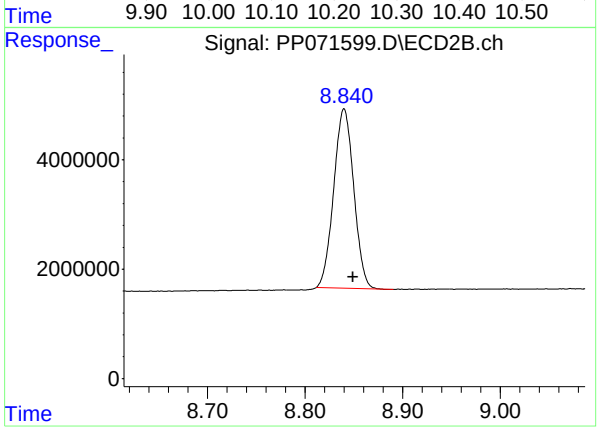
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: -0.004 min
Response: 79992653
Conc: 56.79 ng/ml



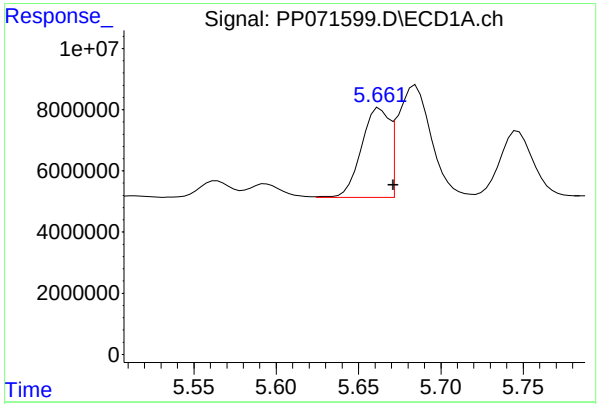
#2 Decachlorobiphenyl

R.T.: 10.225 min
Delta R.T.: -0.013 min
Response: 78397179
Conc: 54.14 ng/ml



#2 Decachlorobiphenyl

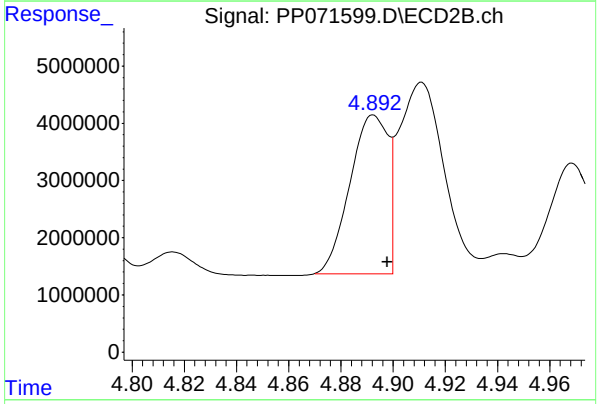
R.T.: 8.840 min
Delta R.T.: -0.009 min
Response: 46812312
Conc: 53.37 ng/ml



#3 AR-1016-1

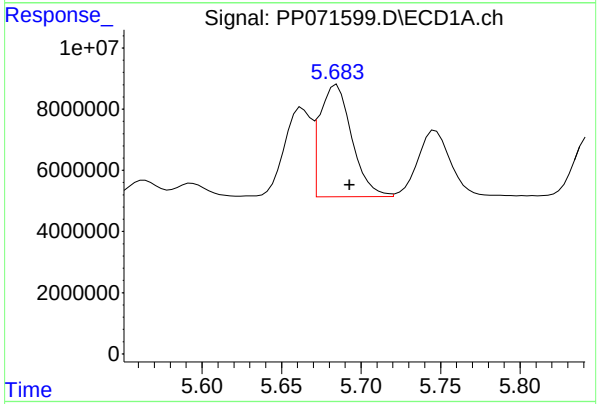
R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 34488678
Conc: 514.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



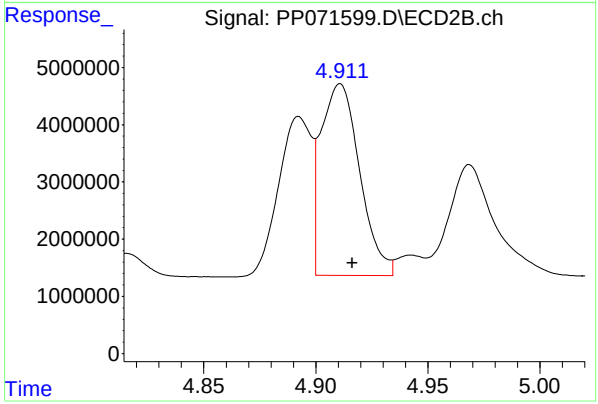
#3 AR-1016-1

R.T.: 4.892 min
Delta R.T.: -0.005 min
Response: 28121480
Conc: 525.31 ng/ml



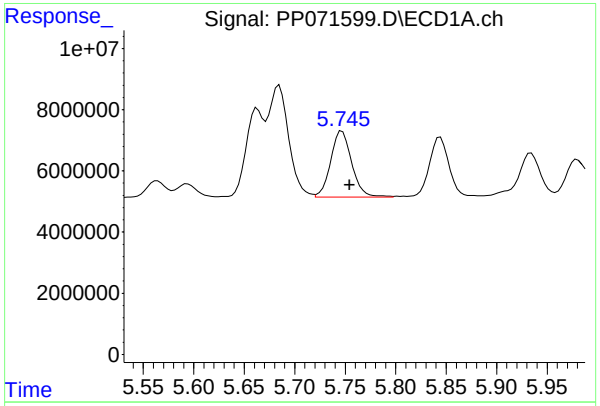
#4 AR-1016-2

R.T.: 5.685 min
Delta R.T.: -0.008 min
Response: 51797987
Conc: 504.71 ng/ml



#4 AR-1016-2

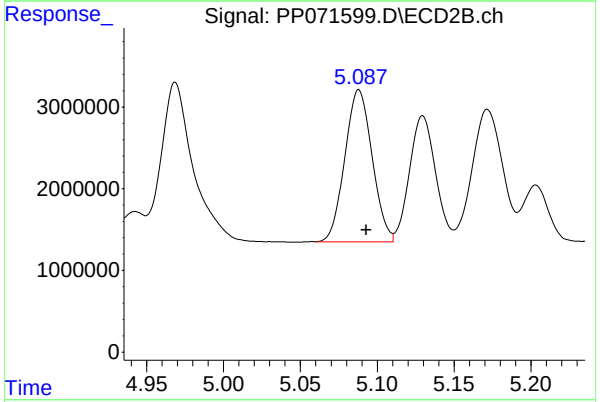
R.T.: 4.911 min
Delta R.T.: -0.005 min
Response: 40487611
Conc: 530.19 ng/ml



#5 AR-1016-3

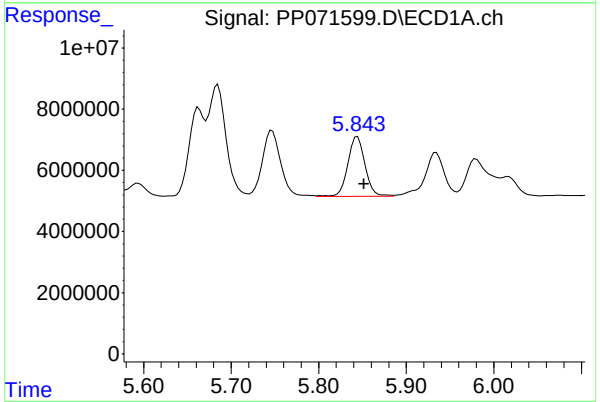
R.T.: 5.747 min
Delta R.T.: -0.008 min
Response: 31458115
Conc: 510.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



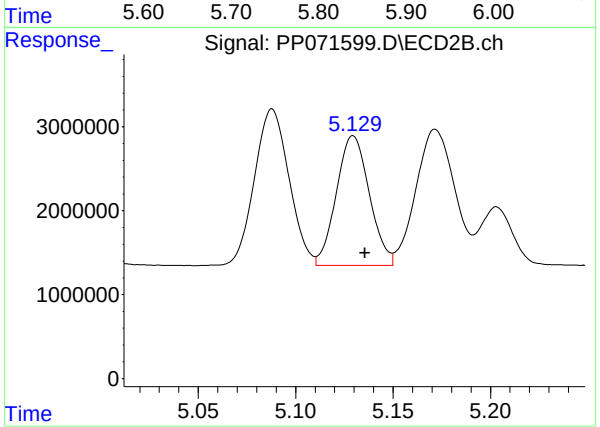
#5 AR-1016-3

R.T.: 5.088 min
Delta R.T.: -0.005 min
Response: 22952658
Conc: 543.77 ng/ml



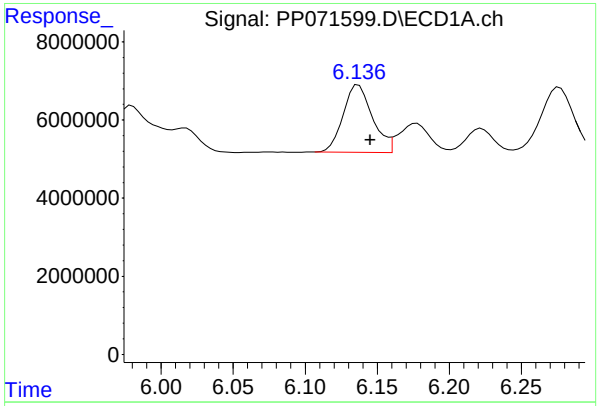
#6 AR-1016-4

R.T.: 5.844 min
Delta R.T.: -0.008 min
Response: 26682573
Conc: 520.15 ng/ml



#6 AR-1016-4

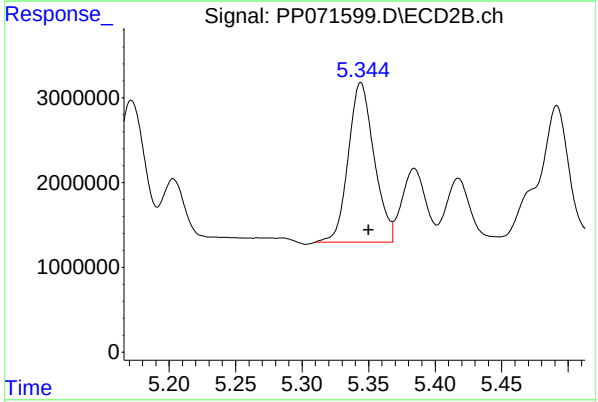
R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 18217376
Conc: 528.26 ng/ml



#7 AR-1016-5

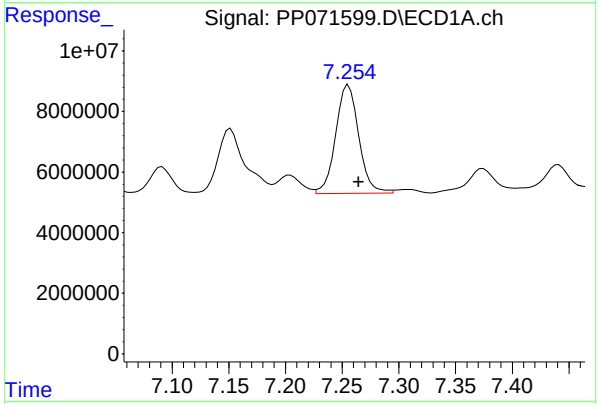
R.T.: 6.137 min
Delta R.T.: -0.008 min
Response: 24417182
Conc: 506.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



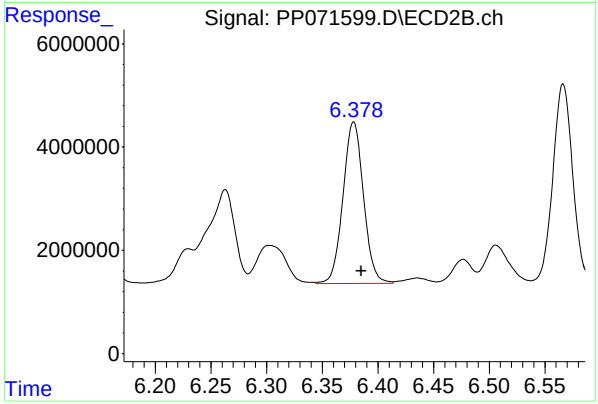
#7 AR-1016-5

R.T.: 5.344 min
Delta R.T.: -0.006 min
Response: 25412541
Conc: 571.75 ng/ml



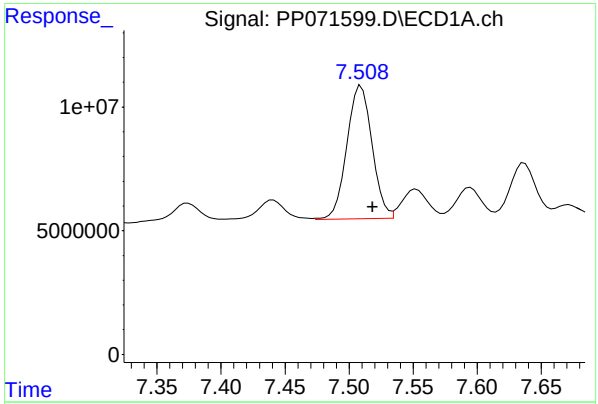
#31 AR-1260-1

R.T.: 7.256 min
Delta R.T.: -0.009 min
Response: 50797861
Conc: 529.01 ng/ml



#31 AR-1260-1

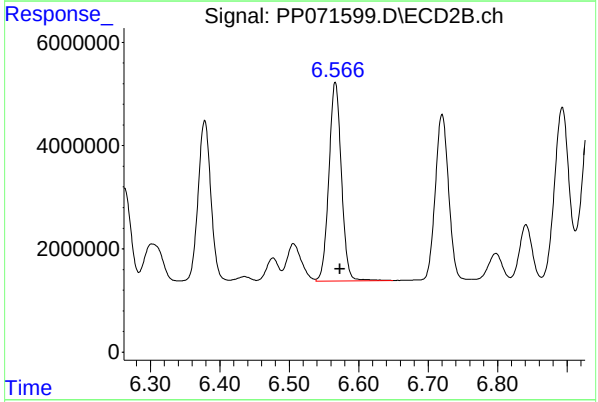
R.T.: 6.378 min
Delta R.T.: -0.007 min
Response: 40210631
Conc: 556.17 ng/ml



#32 AR-1260-2

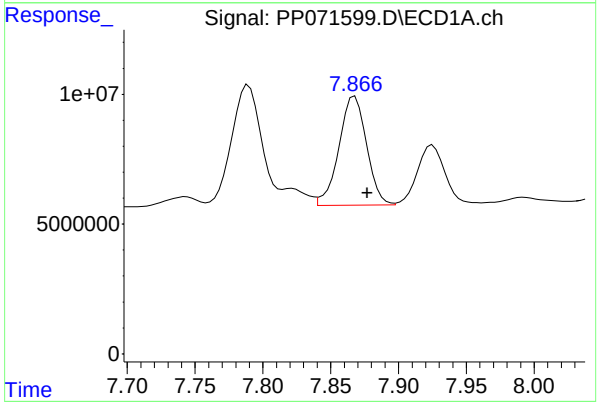
R.T.: 7.509 min
Delta R.T.: -0.009 min
Response: 73808673
Conc: 515.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



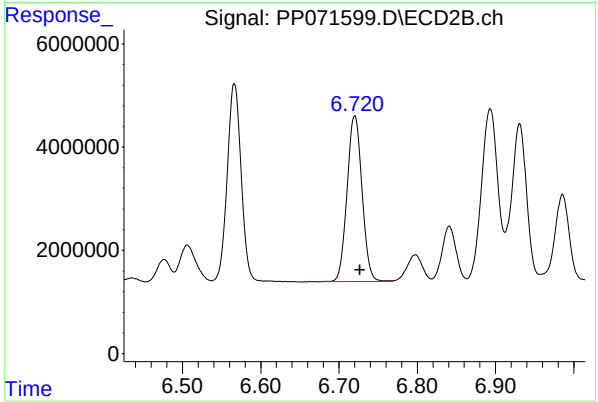
#32 AR-1260-2

R.T.: 6.566 min
Delta R.T.: -0.007 min
Response: 48136859
Conc: 550.38 ng/ml



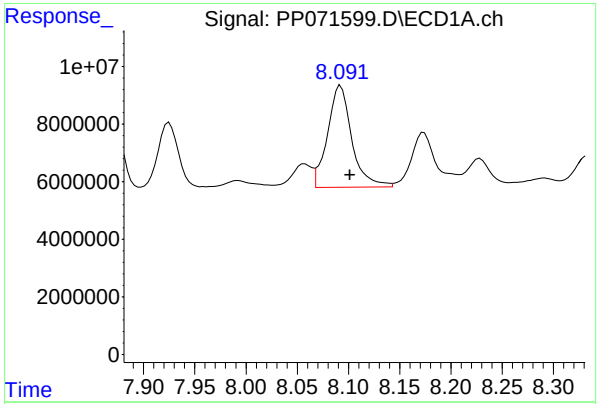
#33 AR-1260-3

R.T.: 7.868 min
Delta R.T.: -0.009 min
Response: 59603275
Conc: 531.68 ng/ml



#33 AR-1260-3

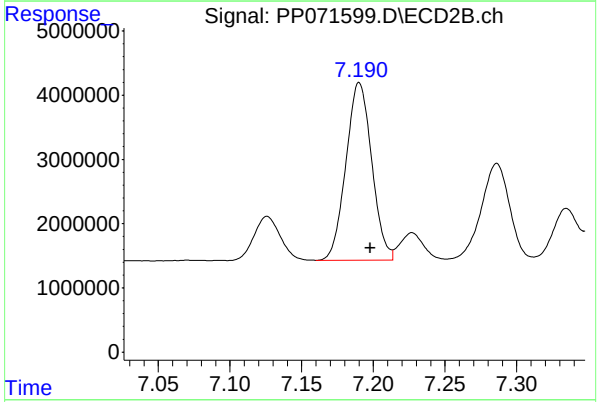
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 42609621
Conc: 543.58 ng/ml



#34 AR-1260-4

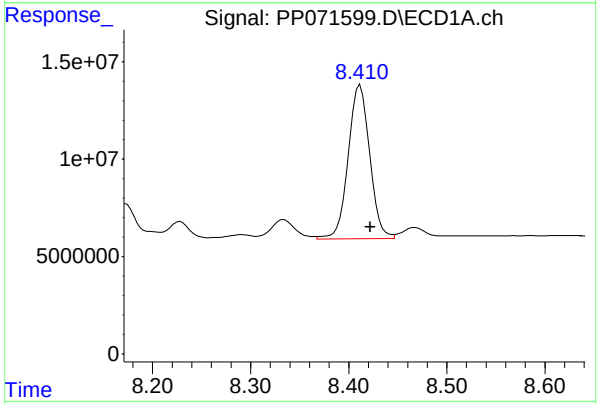
R.T.: 8.092 min
Delta R.T.: -0.009 min
Response: 57987345
Conc: 513.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



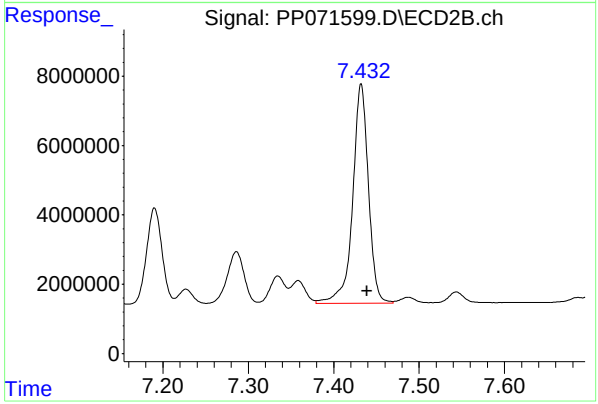
#34 AR-1260-4

R.T.: 7.190 min
Delta R.T.: -0.008 min
Response: 34633280
Conc: 548.77 ng/ml



#35 AR-1260-5

R.T.: 8.412 min
Delta R.T.: -0.010 min
Response: 120079146
Conc: 529.98 ng/ml



#35 AR-1260-5

R.T.: 7.432 min
Delta R.T.: -0.007 min
Response: 81219363
Conc: 538.67 ng/ml

Raw Data: **PP071614.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 16:29 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

Raw Data: **PP071614.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/29/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 16:29 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.35	5.35	5.25	5.45	0.00
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.44	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

Raw Data: **PP071614.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL22 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071614.D **Time Analyzed:** 16:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.665	5.571	5.771	519.380	500.000	3.9
Aroclor-1016-2	5.688	5.593	5.793	509.990	500.000	2.0
Aroclor-1016-3	5.750	5.654	5.854	509.200	500.000	1.8
Aroclor-1016-4	5.847	5.752	5.952	513.170	500.000	2.6
Aroclor-1016-5	6.140	6.045	6.245	520.600	500.000	4.1
Aroclor-1260-1	7.259	7.165	7.365	536.190	500.000	7.2
Aroclor-1260-2	7.512	7.418	7.618	518.580	500.000	3.7
Aroclor-1260-3	7.870	7.777	7.977	532.700	500.000	6.5
Aroclor-1260-4	8.095	8.002	8.202	515.410	500.000	3.1
Aroclor-1260-5	8.415	8.322	8.522	534.510	500.000	6.9
Decachlorobiphenyl	10.230	10.137	10.337	54.370	50.000	8.7
Tetrachloro-m-xylene	4.512	4.417	4.617	51.110	50.000	2.2

Raw Data: **PP071614.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL22 **Date Analyzed:** 04/29/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071614.D **Time Analyzed:** 16:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.895	4.798	4.998	517.640	500.000	3.5
Aroclor-1016-2	4.914	4.816	5.016	516.230	500.000	3.2
Aroclor-1016-3	5.090	4.993	5.193	534.980	500.000	7.0
Aroclor-1016-4	5.132	5.036	5.236	540.310	500.000	8.1
Aroclor-1016-5	5.347	5.250	5.450	579.870	500.000	16.0
Aroclor-1260-1	6.381	6.285	6.485	542.610	500.000	8.5
Aroclor-1260-2	6.569	6.473	6.673	540.120	500.000	8.0
Aroclor-1260-3	6.722	6.627	6.827	523.900	500.000	4.8
Aroclor-1260-4	7.193	7.098	7.298	538.880	500.000	7.8
Aroclor-1260-5	7.435	7.339	7.539	527.470	500.000	5.5
Decachlorobiphenyl	8.844	8.749	8.949	54.370	50.000	8.7
Tetrachloro-m-xylene	3.810	3.712	3.912	50.630	50.000	1.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 16:29
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:26:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.512	3.810	101.3E6	71321929	51.106	50.632
2) SA	Decachlor...	10.230	8.844	78726516	47683889	54.369	54.368
	Target Compounds						
3) L1	AR-1016-1	5.665	4.895	34824581	27710878	519.384	517.635
4) L1	AR-1016-2	5.688	4.914	52339642	39421205	509.992	516.230
5) L1	AR-1016-3	5.750	5.090	31390912	22581579	509.203	534.977
6) L1	AR-1016-4	5.847	5.132	26324537	18633073	513.167	540.309
7) L1	AR-1016-5	6.140	5.347	25112947	25773732	520.601	579.872
31) L7	AR-1260-1	7.259	6.381	51487888	39230370	536.195	542.611
32) L7	AR-1260-2	7.512	6.569	74197686	47239393	518.584	540.117
33) L7	AR-1260-3	7.870	6.722	59717629	41066978	532.698	523.896
34) L7	AR-1260-4	8.095	7.193	58171776	34009135	515.411	538.881
35) L7	AR-1260-5	8.415	7.435	121.1E6	79530384	534.513	527.469

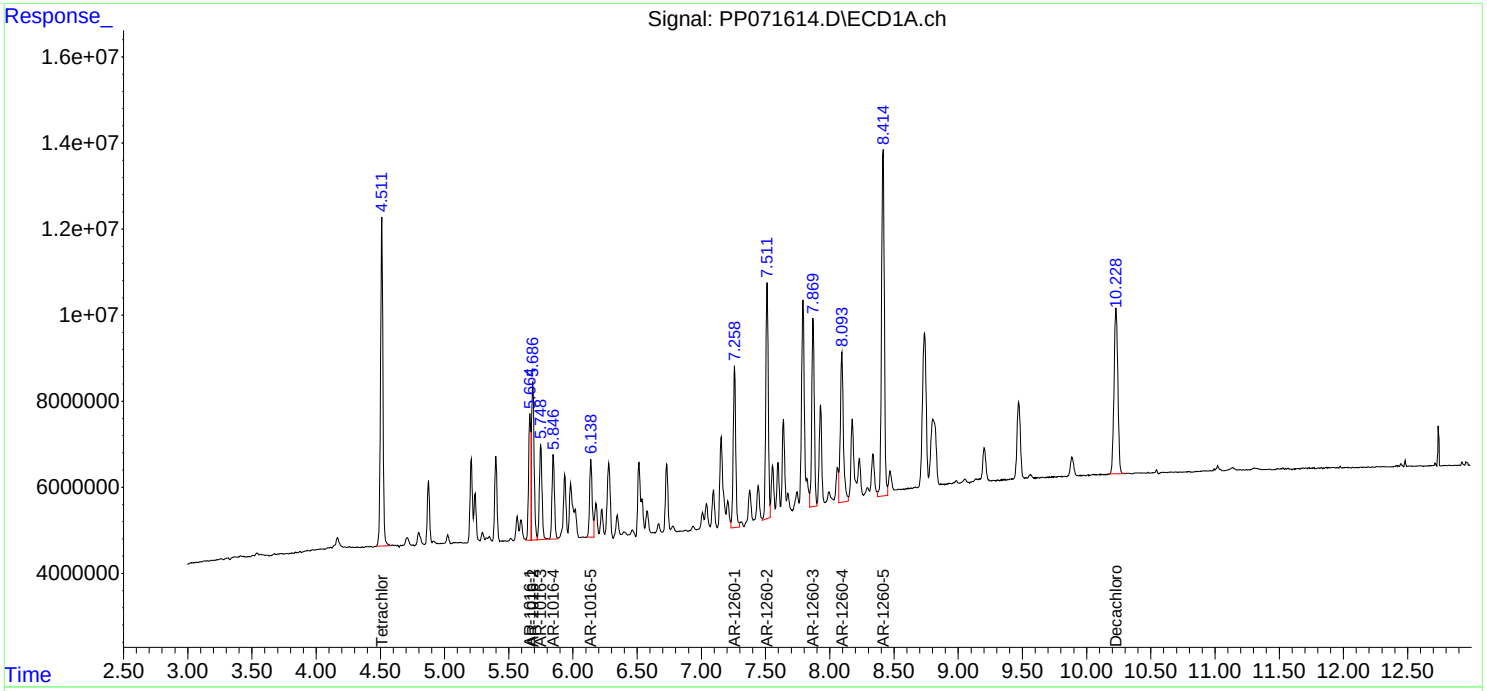
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

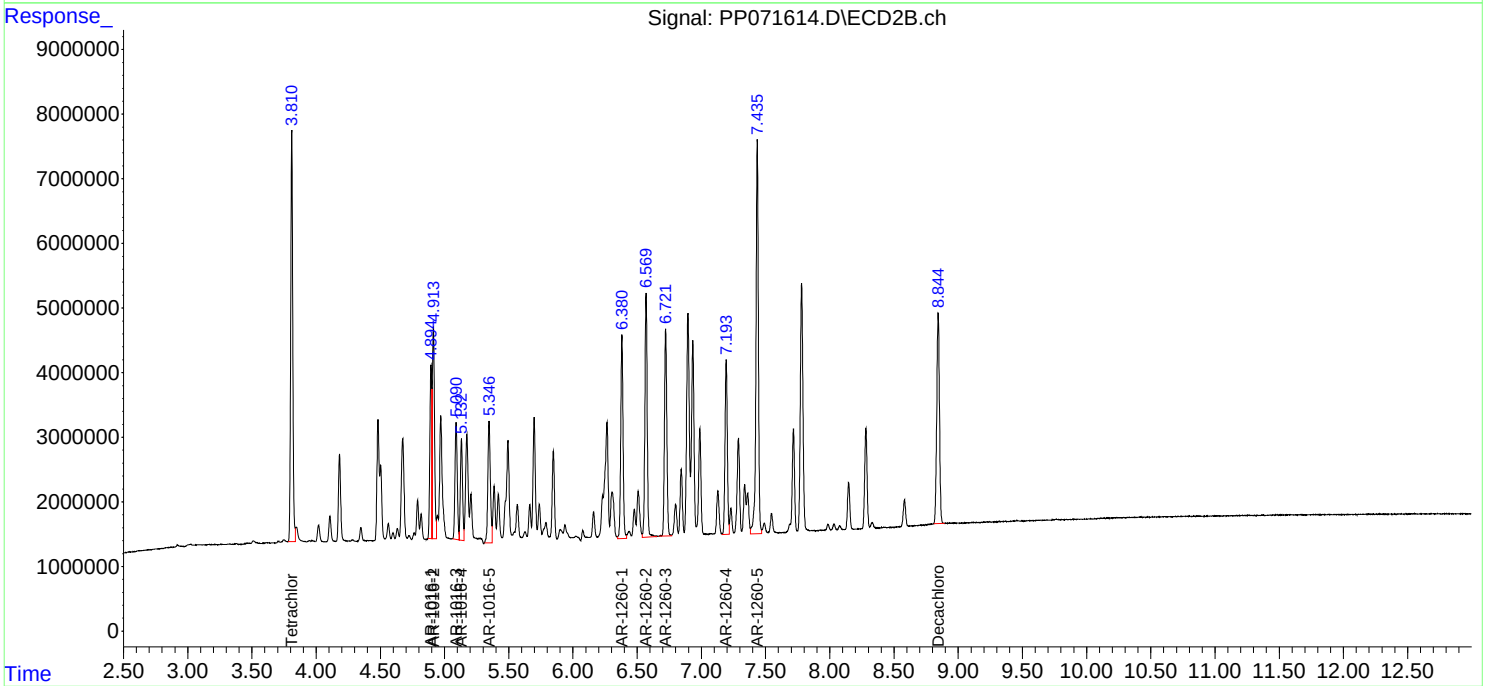
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 16:29
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

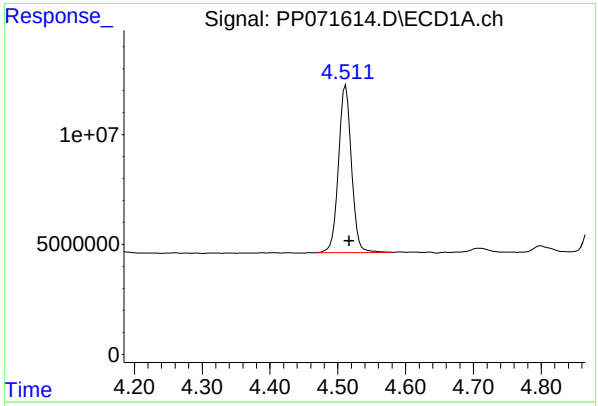
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:26:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



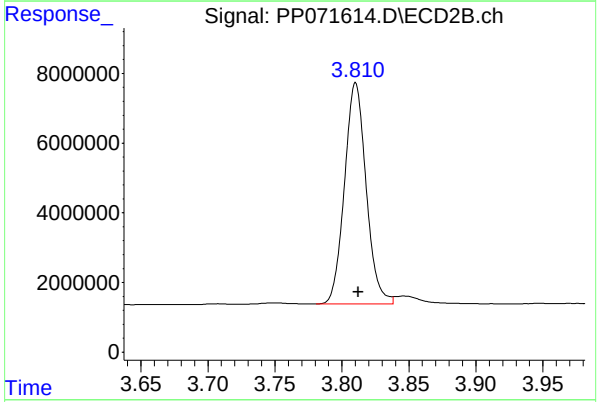




#1 Tetrachloro-m-xylene

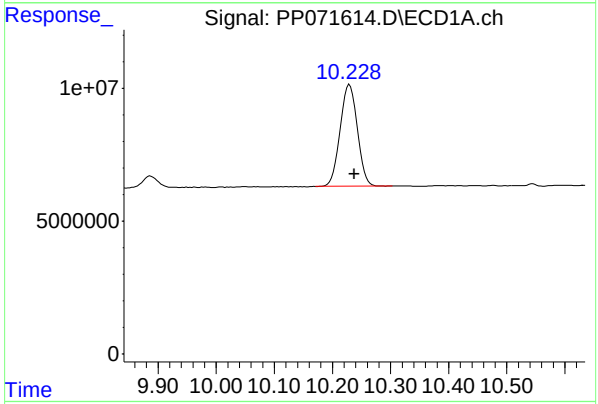
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 101324953
Conc: 51.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



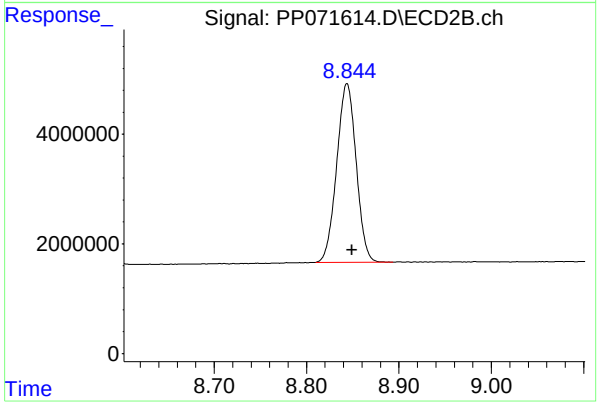
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 71321929
Conc: 50.63 ng/ml



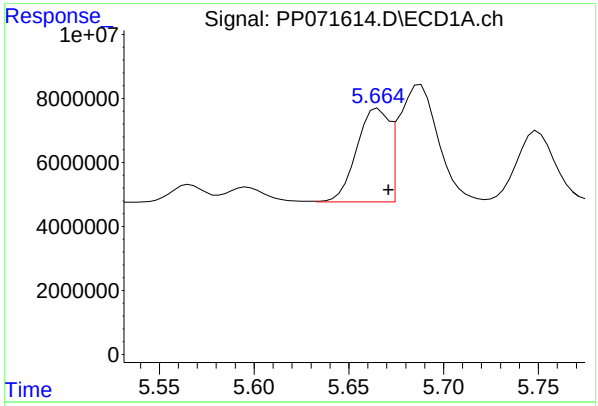
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: -0.008 min
Response: 78726516
Conc: 54.37 ng/ml



#2 Decachlorobiphenyl

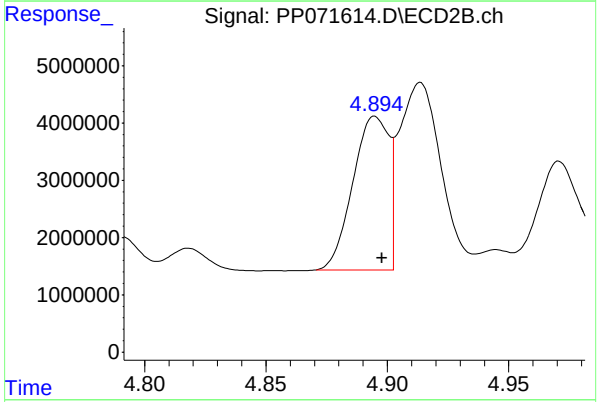
R.T.: 8.844 min
Delta R.T.: -0.005 min
Response: 47683889
Conc: 54.37 ng/ml



#3 AR-1016-1

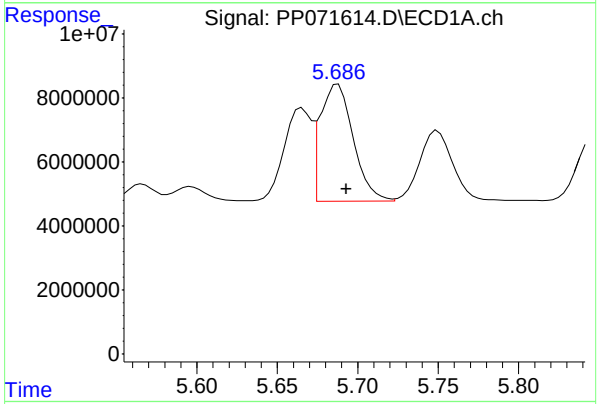
R.T.: 5.665 min
Delta R.T.: -0.006 min
Response: 34824581
Conc: 519.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



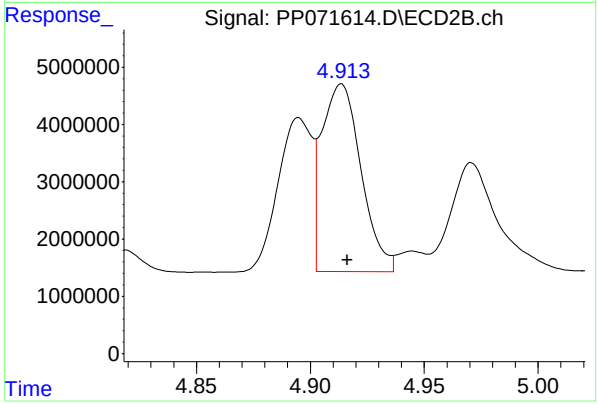
#3 AR-1016-1

R.T.: 4.895 min
Delta R.T.: -0.003 min
Response: 27710878
Conc: 517.64 ng/ml



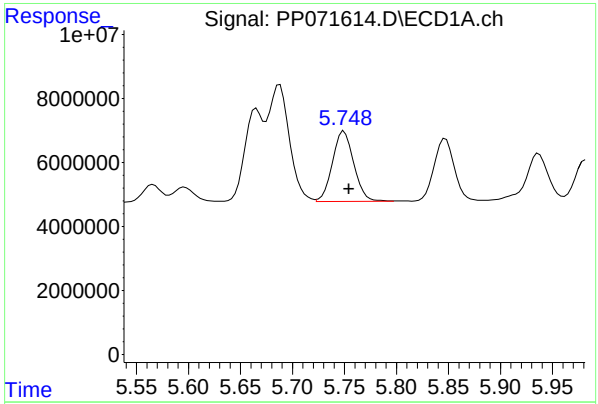
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 52339642
Conc: 509.99 ng/ml



#4 AR-1016-2

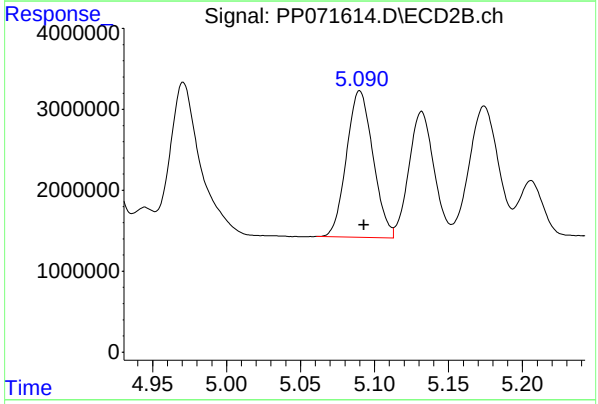
R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 39421205
Conc: 516.23 ng/ml



#5 AR-1016-3

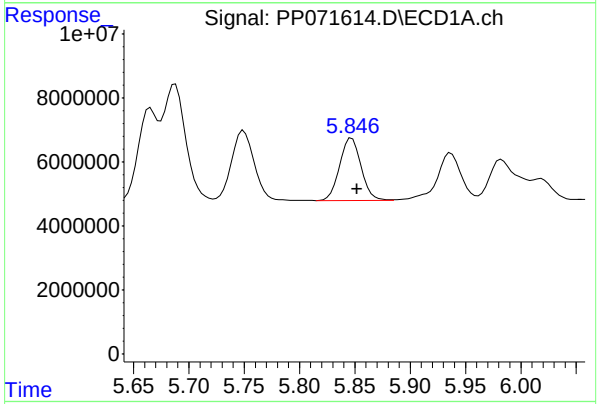
R.T.: 5.750 min
Delta R.T.: -0.005 mi
Response: 31390912
Conc: 509.20 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



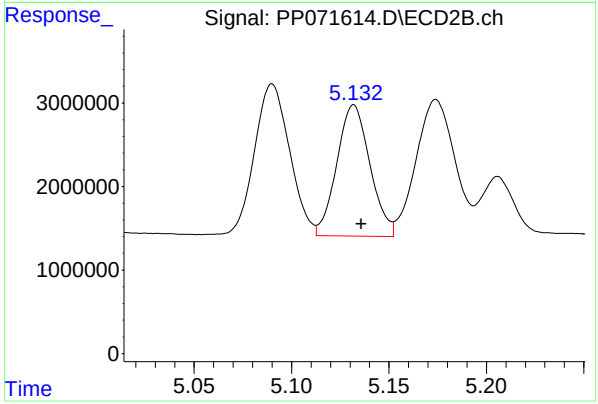
#5 AR-1016-3

R.T.: 5.090 min
Delta R.T.: -0.003 min
Response: 22581579
Conc: 534.98 ng/ml



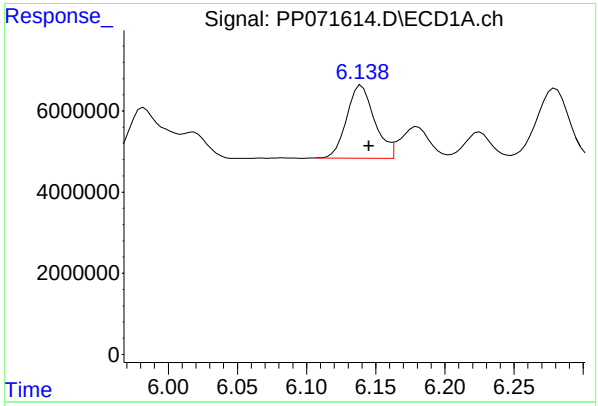
#6 AR-1016-4

R.T.: 5.847 min
Delta R.T.: -0.005 min
Response: 26324537
Conc: 513.17 ng/ml



#6 AR-1016-4

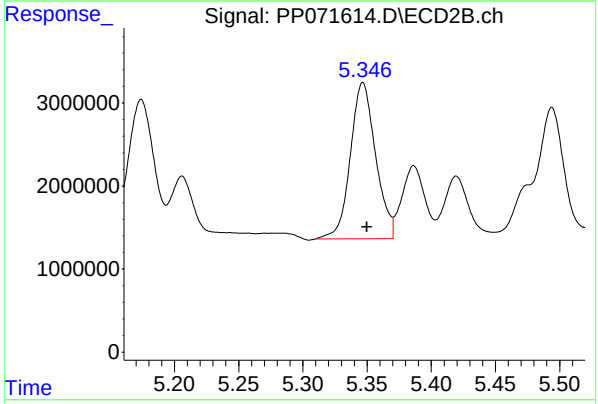
R.T.: 5.132 min
Delta R.T.: -0.004 min
Response: 18633073
Conc: 540.31 ng/ml



#7 AR-1016-5

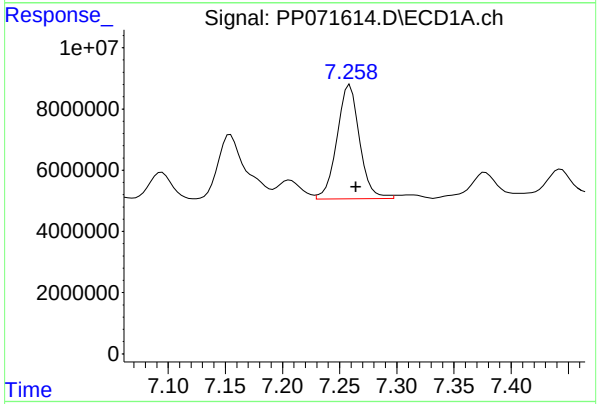
R.T.: 6.140 min
Delta R.T.: -0.005 min
Response: 25112947
Conc: 520.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



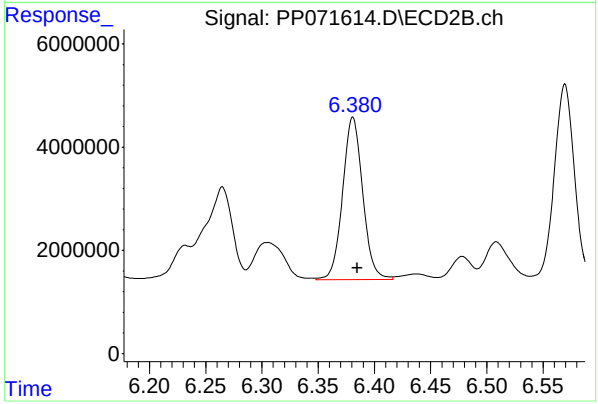
#7 AR-1016-5

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 25773732
Conc: 579.87 ng/ml



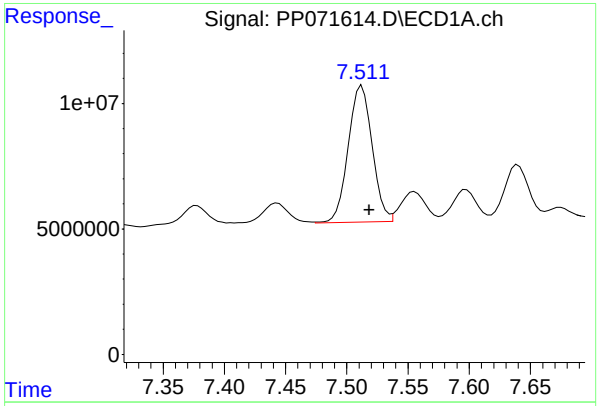
#31 AR-1260-1

R.T.: 7.259 min
Delta R.T.: -0.006 min
Response: 51487888
Conc: 536.19 ng/ml



#31 AR-1260-1

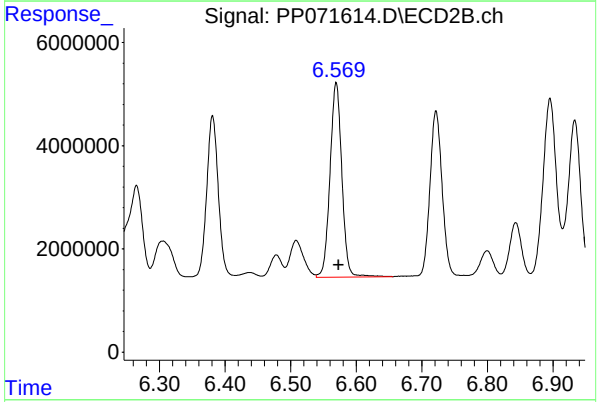
R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 39230370
Conc: 542.61 ng/ml



#32 AR-1260-2

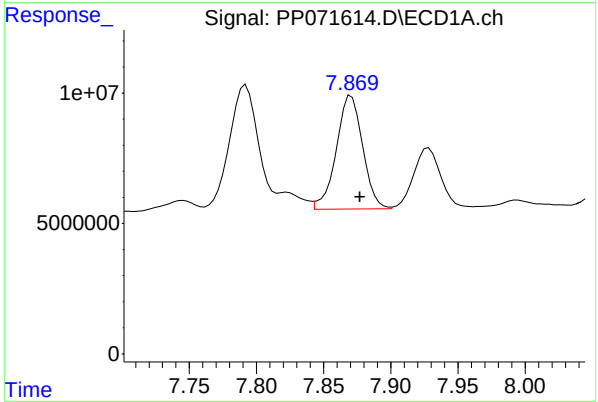
R.T.: 7.512 min
Delta R.T.: -0.006 min
Response: 74197686
Conc: 518.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



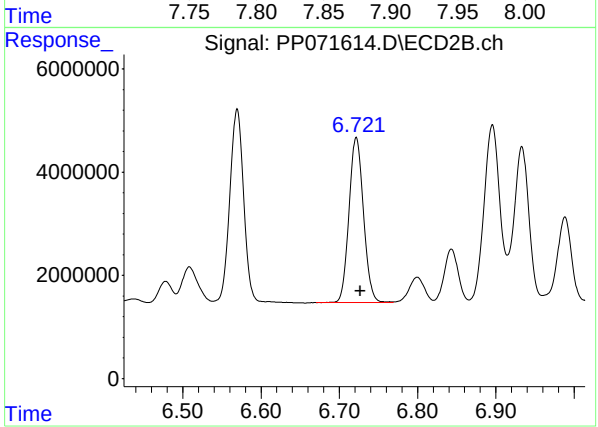
#32 AR-1260-2

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 47239393
Conc: 540.12 ng/ml



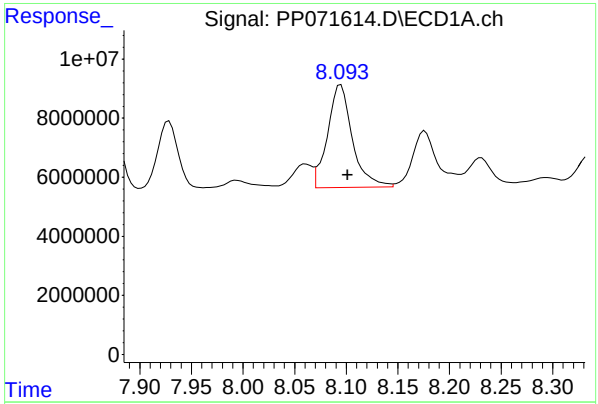
#33 AR-1260-3

R.T.: 7.870 min
Delta R.T.: -0.007 min
Response: 59717629
Conc: 532.70 ng/ml



#33 AR-1260-3

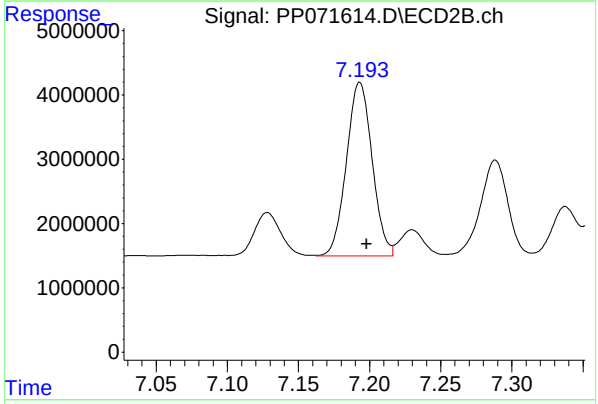
R.T.: 6.722 min
Delta R.T.: -0.005 min
Response: 41066978
Conc: 523.90 ng/ml



#34 AR-1260-4

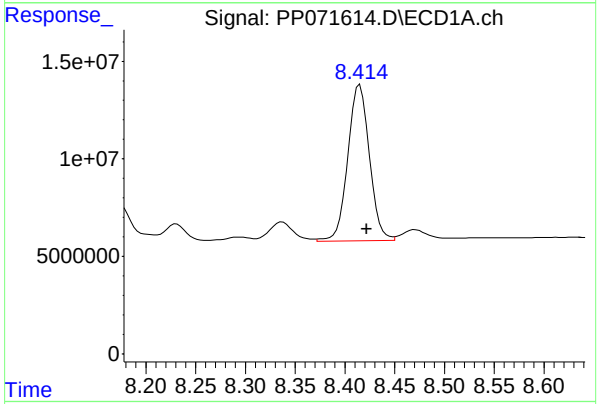
R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 58171776
Conc: 515.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



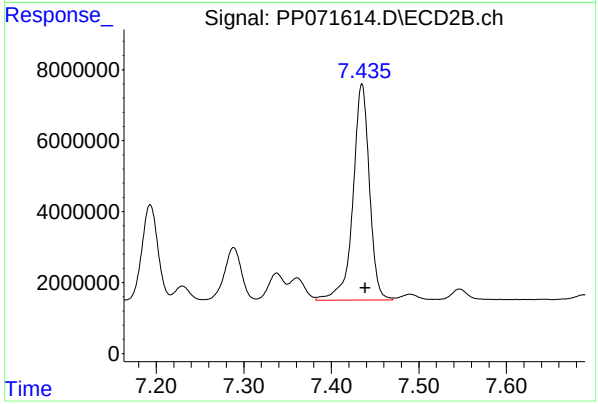
#34 AR-1260-4

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 34009135
Conc: 538.88 ng/ml



#35 AR-1260-5

R.T.: 8.415 min
Delta R.T.: -0.007 min
Response: 121106407
Conc: 534.51 ng/ml



#35 AR-1260-5

R.T.: 7.435 min
Delta R.T.: -0.004 min
Response: 79530384
Conc: 527.47 ng/ml

Raw Data: **PP071635.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/30/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 09:07 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

Raw Data: **PP071635.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/30/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 09:07 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

Raw Data: **PP071635.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL23 **Date Analyzed:** 04/30/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071635.D **Time Analyzed:** 09:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.663	5.571	5.771	524.250	500.000	4.9
Aroclor-1016-2	5.685	5.593	5.793	518.980	500.000	3.8
Aroclor-1016-3	5.747	5.654	5.854	519.680	500.000	3.9
Aroclor-1016-4	5.845	5.752	5.952	520.190	500.000	4.0
Aroclor-1016-5	6.137	6.045	6.245	521.930	500.000	4.4
Aroclor-1260-1	7.257	7.165	7.365	512.460	500.000	2.5
Aroclor-1260-2	7.510	7.418	7.618	515.560	500.000	3.1
Aroclor-1260-3	7.869	7.777	7.977	540.890	500.000	8.2
Aroclor-1260-4	8.093	8.002	8.202	525.430	500.000	5.1
Aroclor-1260-5	8.413	8.322	8.522	539.350	500.000	7.9
Decachlorobiphenyl	10.227	10.137	10.337	55.640	50.000	11.3
Tetrachloro-m-xylene	4.510	4.417	4.617	52.180	50.000	4.4

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL23 **Date Analyzed:** 04/30/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071635.D **Time Analyzed:** 09:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.893	4.798	4.998	504.250	500.000	0.9
Aroclor-1016-2	4.911	4.816	5.016	513.220	500.000	2.6
Aroclor-1016-3	5.088	4.993	5.193	524.120	500.000	4.8
Aroclor-1016-4	5.130	5.036	5.236	529.500	500.000	5.9
Aroclor-1016-5	5.344	5.250	5.450	521.420	500.000	4.3
Aroclor-1260-1	6.378	6.285	6.485	509.590	500.000	1.9
Aroclor-1260-2	6.567	6.473	6.673	513.540	500.000	2.7
Aroclor-1260-3	6.720	6.627	6.827	524.100	500.000	4.8
Aroclor-1260-4	7.191	7.098	7.298	525.010	500.000	5.0
Aroclor-1260-5	7.433	7.339	7.539	529.420	500.000	5.9
Decachlorobiphenyl	8.840	8.749	8.949	54.150	50.000	8.3
Tetrachloro-m-xylene	3.808	3.712	3.912	51.900	50.000	3.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071635.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 09:07
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 11:32:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.510	3.808	103.5E6	73114495	52.185	51.904
2)	SA Decachlor...	10.227	8.840	80565580	47493096	55.639	54.151
	Target Compounds						
3)	L1 AR-1016-1	5.663	4.893	35151194	26994486	524.255	504.253
4)	L1 AR-1016-2	5.685	4.911	53261543	39191184	518.975	513.217
5)	L1 AR-1016-3	5.747	5.088	32036915	22123454	519.682	524.123
6)	L1 AR-1016-4	5.845	5.130	26684805	18260257	520.190	529.499
7)	L1 AR-1016-5	6.137	5.344	25177087	23175742	521.931	521.421
31)	L7 AR-1260-1	7.257	6.378	49208921	36842785	512.462	509.587
32)	L7 AR-1260-2	7.510	6.567	73764798	44915285	515.559	513.544
33)	L7 AR-1260-3	7.869	6.720	60636416	41082881	540.894	524.099
34)	L7 AR-1260-4	8.093	7.191	59303028	33133632	525.434	525.009
35)	L7 AR-1260-5	8.413	7.433	122.2E6	79824335	539.346	529.419

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

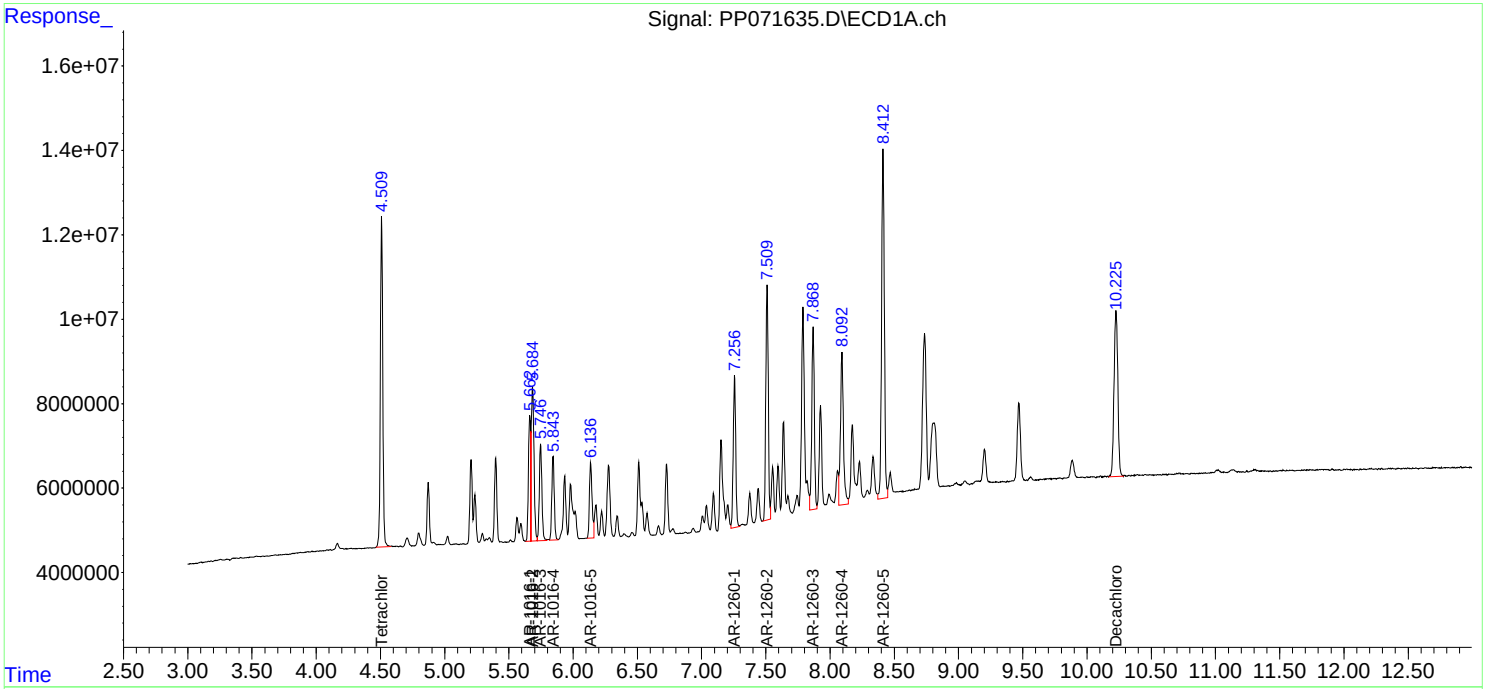
Sample Results: **PP071635.D**

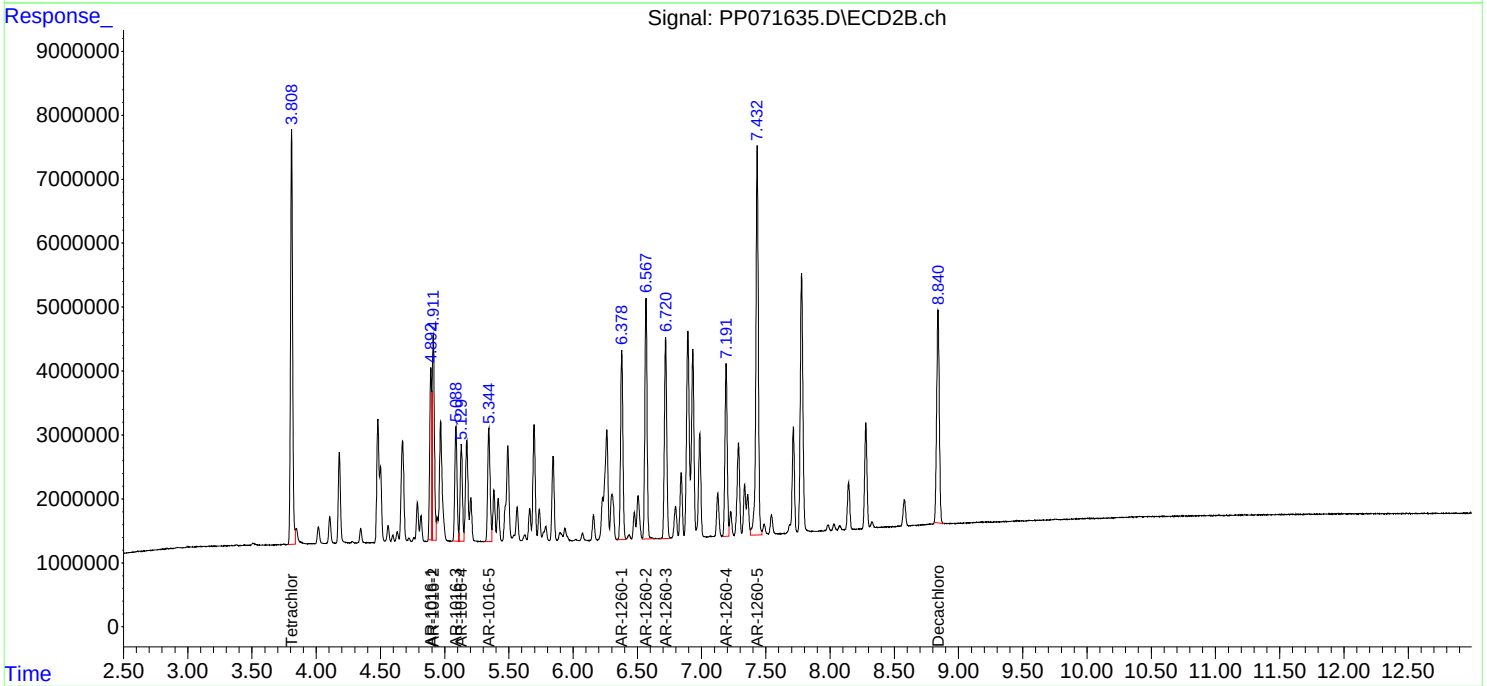
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071635.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 09:07
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

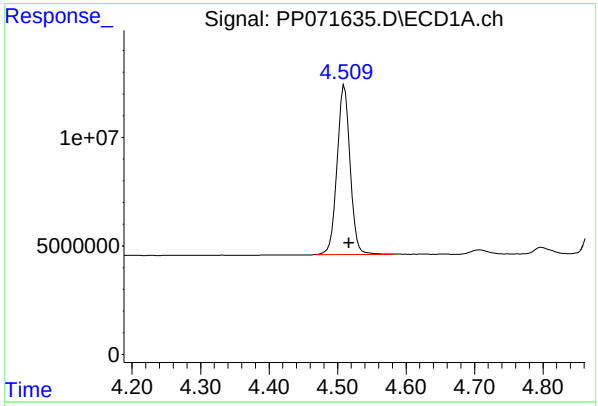
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 11:32:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



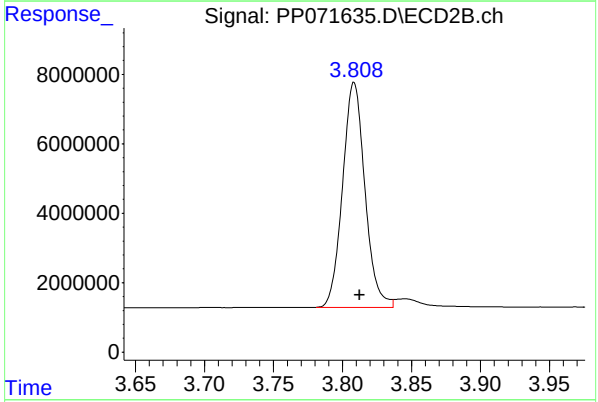




#1 Tetrachloro-m-xylene

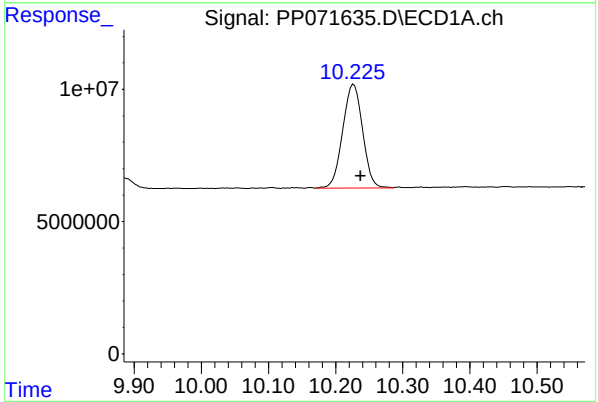
R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 103463423
Conc: 52.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



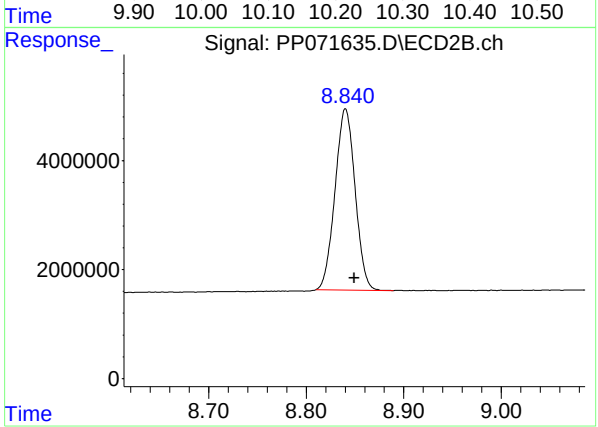
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: -0.004 min
Response: 73114495
Conc: 51.90 ng/ml



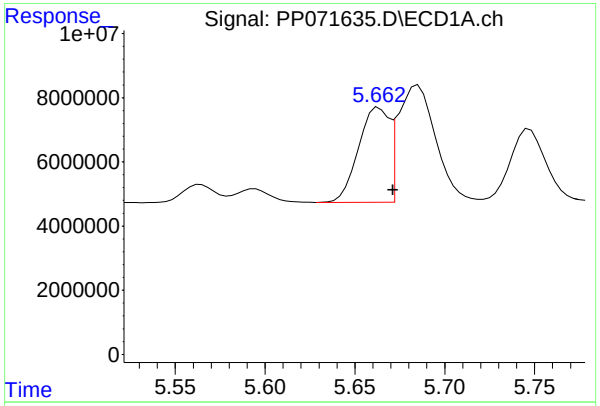
#2 Decachlorobiphenyl

R.T.: 10.227 min
Delta R.T.: -0.011 min
Response: 80565580
Conc: 55.64 ng/ml



#2 Decachlorobiphenyl

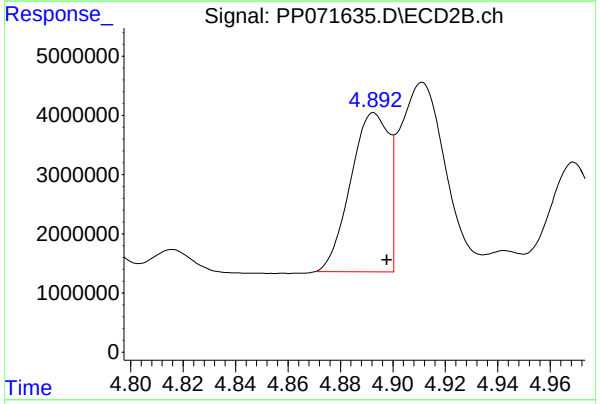
R.T.: 8.840 min
Delta R.T.: -0.009 min
Response: 47493096
Conc: 54.15 ng/ml



#3 AR-1016-1

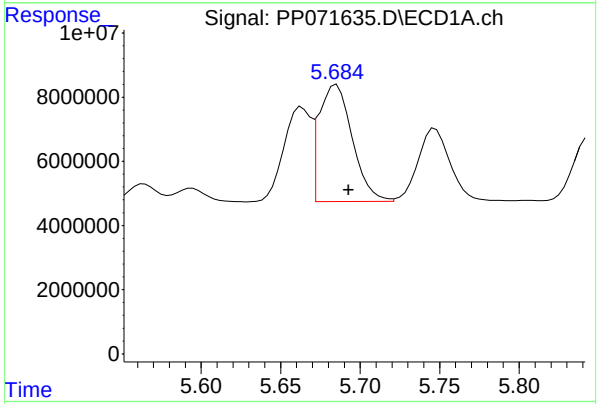
R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 35151194
Conc: 524.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



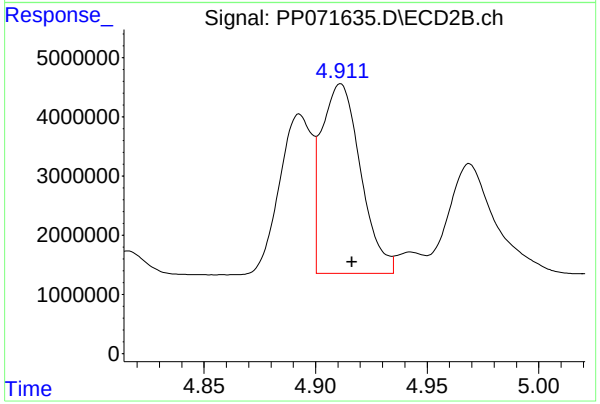
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.005 min
Response: 26994486
Conc: 504.25 ng/ml



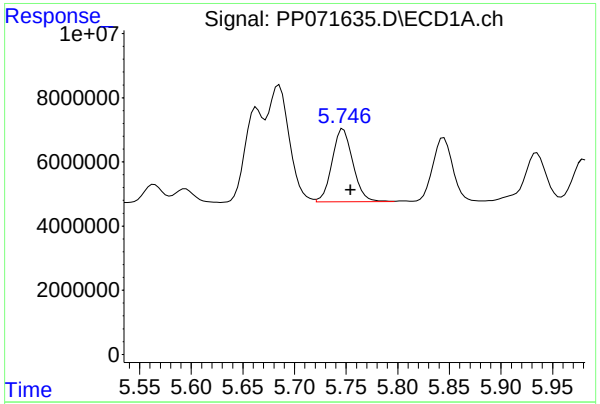
#4 AR-1016-2

R.T.: 5.685 min
Delta R.T.: -0.008 min
Response: 53261543
Conc: 518.98 ng/ml



#4 AR-1016-2

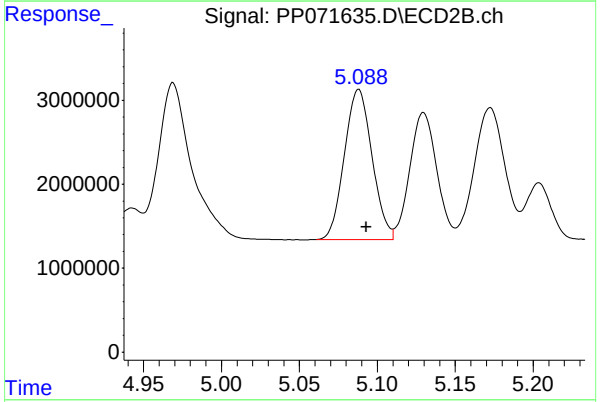
R.T.: 4.911 min
Delta R.T.: -0.005 min
Response: 39191184
Conc: 513.22 ng/ml



#5 AR-1016-3

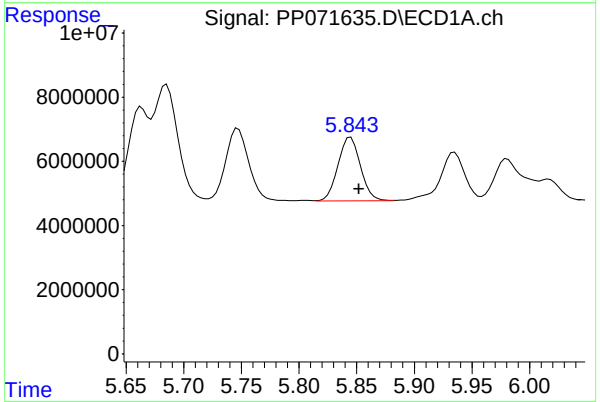
R.T.: 5.747 min
Delta R.T.: -0.007 min
Response: 32036915
Conc: 519.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



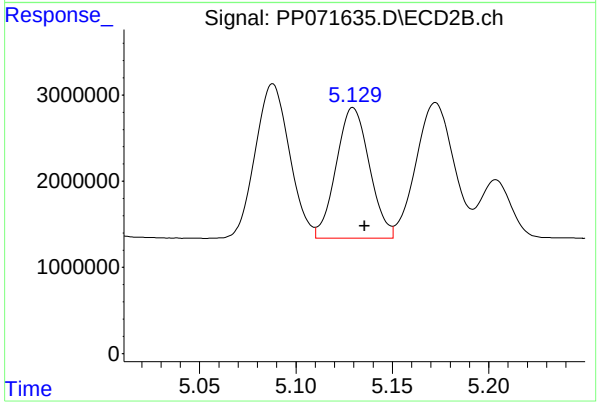
#5 AR-1016-3

R.T.: 5.088 min
Delta R.T.: -0.005 min
Response: 22123454
Conc: 524.12 ng/ml



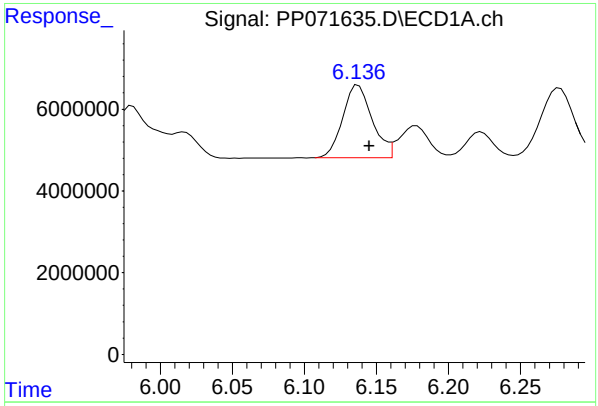
#6 AR-1016-4

R.T.: 5.845 min
Delta R.T.: -0.007 min
Response: 26684805
Conc: 520.19 ng/ml



#6 AR-1016-4

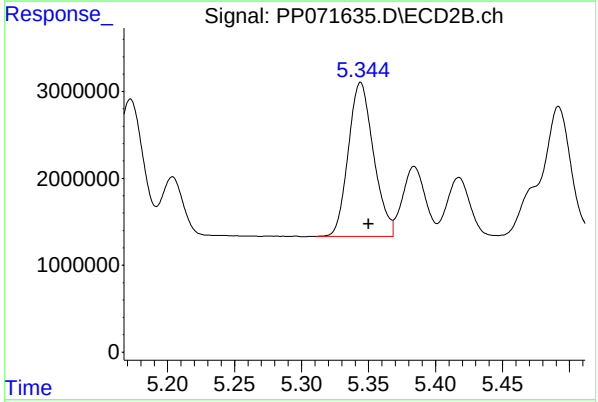
R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 18260257
Conc: 529.50 ng/ml



#7 AR-1016-5

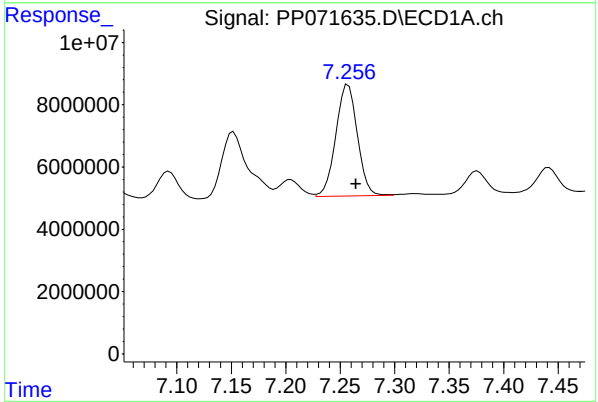
R.T.: 6.137 min
Delta R.T.: -0.008 min
Response: 25177087
Conc: 521.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



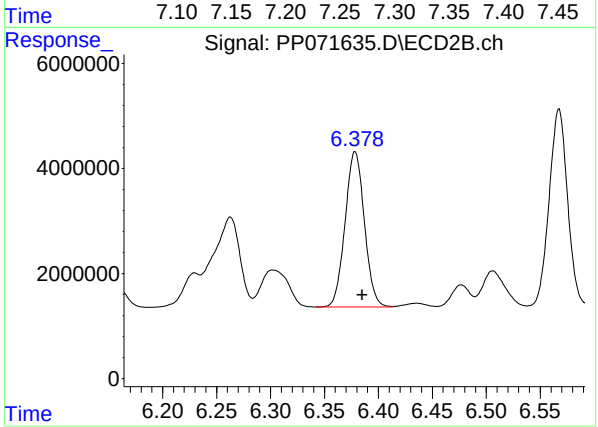
#7 AR-1016-5

R.T.: 5.344 min
Delta R.T.: -0.006 min
Response: 23175742
Conc: 521.42 ng/ml



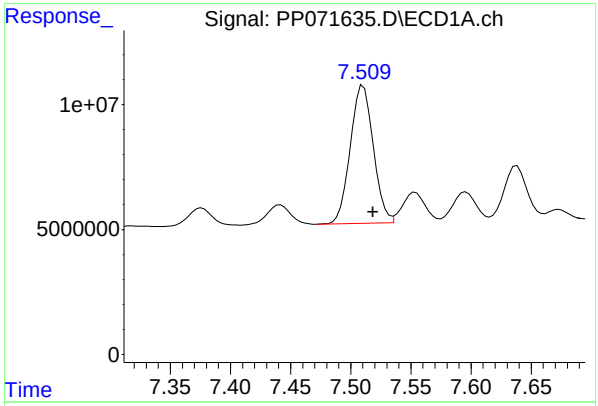
#31 AR-1260-1

R.T.: 7.257 min
Delta R.T.: -0.007 min
Response: 49208921
Conc: 512.46 ng/ml



#31 AR-1260-1

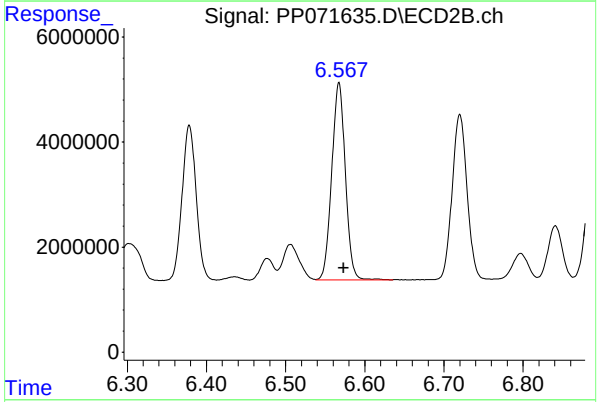
R.T.: 6.378 min
Delta R.T.: -0.006 min
Response: 36842785
Conc: 509.59 ng/ml



#32 AR-1260-2

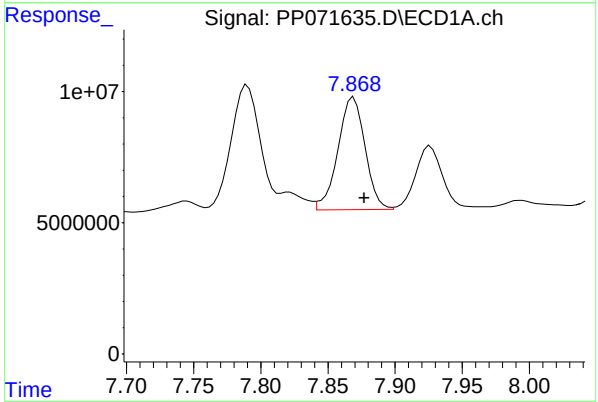
R.T.: 7.510 min
Delta R.T.: -0.008 min
Response: 73764798
Conc: 515.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



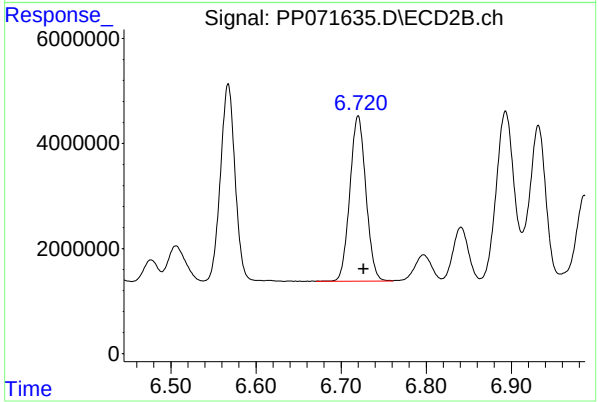
#32 AR-1260-2

R.T.: 6.567 min
Delta R.T.: -0.006 min
Response: 44915285
Conc: 513.54 ng/ml



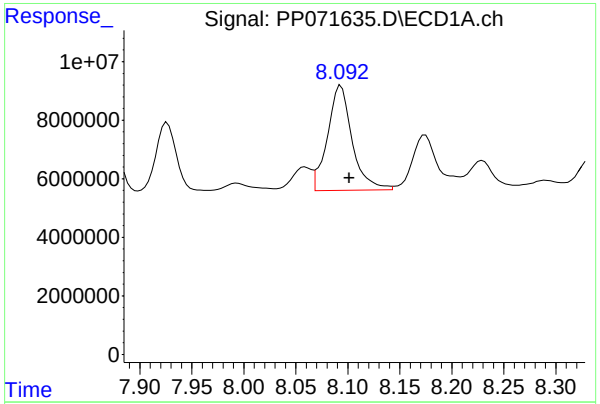
#33 AR-1260-3

R.T.: 7.869 min
Delta R.T.: -0.008 min
Response: 60636416
Conc: 540.89 ng/ml



#33 AR-1260-3

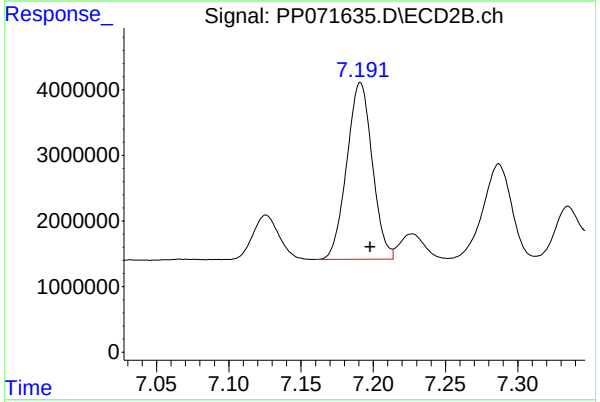
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 41082881
Conc: 524.10 ng/ml



#34 AR-1260-4

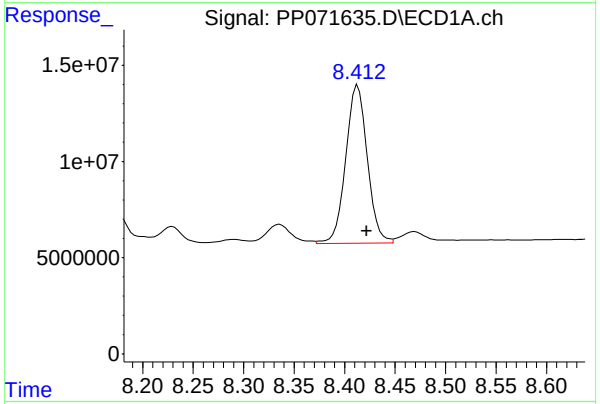
R.T.: 8.093 min
Delta R.T.: -0.008 min
Response: 59303028
Conc: 525.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



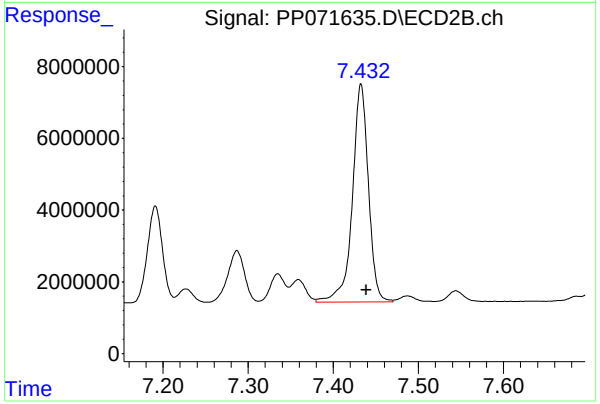
#34 AR-1260-4

R.T.: 7.191 min
Delta R.T.: -0.007 min
Response: 33133632
Conc: 525.01 ng/ml



#35 AR-1260-5

R.T.: 8.413 min
Delta R.T.: -0.009 min
Response: 122201328
Conc: 539.35 ng/ml



#35 AR-1260-5

R.T.: 7.433 min
Delta R.T.: -0.006 min
Response: 79824335
Conc: 529.42 ng/ml

Raw Data: **PP071650.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/30/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 16:11 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.84	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

Raw Data: **PP071650.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

Continuing Calib Date: 04/30/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 16:11 **Initial Calibration Time(s):** 10:29 17:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

Raw Data: **PP071650.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL24 **Date Analyzed:** 04/30/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071650.D **Time Analyzed:** 16:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.662	5.571	5.771	520.080	500.000	4.0
Aroclor-1016-2	5.683	5.593	5.793	514.850	500.000	3.0
Aroclor-1016-3	5.746	5.654	5.854	510.100	500.000	2.0
Aroclor-1016-4	5.843	5.752	5.952	517.690	500.000	3.5
Aroclor-1016-5	6.136	6.045	6.245	518.100	500.000	3.6
Aroclor-1260-1	7.255	7.165	7.365	514.390	500.000	2.9
Aroclor-1260-2	7.508	7.418	7.618	505.470	500.000	1.1
Aroclor-1260-3	7.867	7.777	7.977	530.650	500.000	6.1
Aroclor-1260-4	8.092	8.002	8.202	517.190	500.000	3.4
Aroclor-1260-5	8.411	8.322	8.522	531.830	500.000	6.4
Decachlorobiphenyl	10.225	10.137	10.337	54.080	50.000	8.2
Tetrachloro-m-xylene	4.509	4.417	4.617	51.770	50.000	3.5

Raw Data: **PP071650.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM **Case No.:** Q1860 **SAS No.:** Q1860 **SDG NO.:** Q1860

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL24 **Date Analyzed:** 04/30/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071650.D **Time Analyzed:** 16:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.893	4.798	4.998	547.990	500.000	9.6
Aroclor-1016-2	4.911	4.816	5.016	546.060	500.000	9.2
Aroclor-1016-3	5.088	4.993	5.193	558.800	500.000	11.8
Aroclor-1016-4	5.130	5.036	5.236	557.840	500.000	11.6
Aroclor-1016-5	5.344	5.250	5.450	553.040	500.000	10.6
Aroclor-1260-1	6.379	6.285	6.485	543.610	500.000	8.7
Aroclor-1260-2	6.567	6.473	6.673	540.470	500.000	8.1
Aroclor-1260-3	6.720	6.627	6.827	543.100	500.000	8.6
Aroclor-1260-4	7.191	7.098	7.298	539.760	500.000	8.0
Aroclor-1260-5	7.433	7.339	7.539	541.090	500.000	8.2
Decachlorobiphenyl	8.840	8.749	8.949	54.550	50.000	9.1
Tetrachloro-m-xylene	3.808	3.712	3.912	55.400	50.000	10.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071650.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 16:11
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 00:59:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.509	3.808	102.6E6	78040405	51.768	55.401
2)	SA Decachlor...	10.225	8.840	78303561	47846835	54.077	54.554
	Target Compounds						
3)	L1 AR-1016-1	5.662	4.893	34871034	29335905	520.076	547.991
4)	L1 AR-1016-2	5.683	4.911	52837877	41699170	514.847	546.060
5)	L1 AR-1016-3	5.746	5.088	31446375	23587011	510.103	558.796
6)	L1 AR-1016-4	5.843	5.130	26556295	19237643	517.685	557.840
7)	L1 AR-1016-5	6.136	5.344	24992148	24580962	518.097	553.036
31)	L7 AR-1260-1	7.255	6.379	49393935	39302777	514.388	543.613
32)	L7 AR-1260-2	7.508	6.567	72320995	47270304	505.468	540.470
33)	L7 AR-1260-3	7.867	6.720	59487775	42572429	530.648	543.102
34)	L7 AR-1260-4	8.092	7.191	58372273	34064307	517.187	539.756
35)	L7 AR-1260-5	8.411	7.433	120.5E6	81583804	531.830	541.088

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

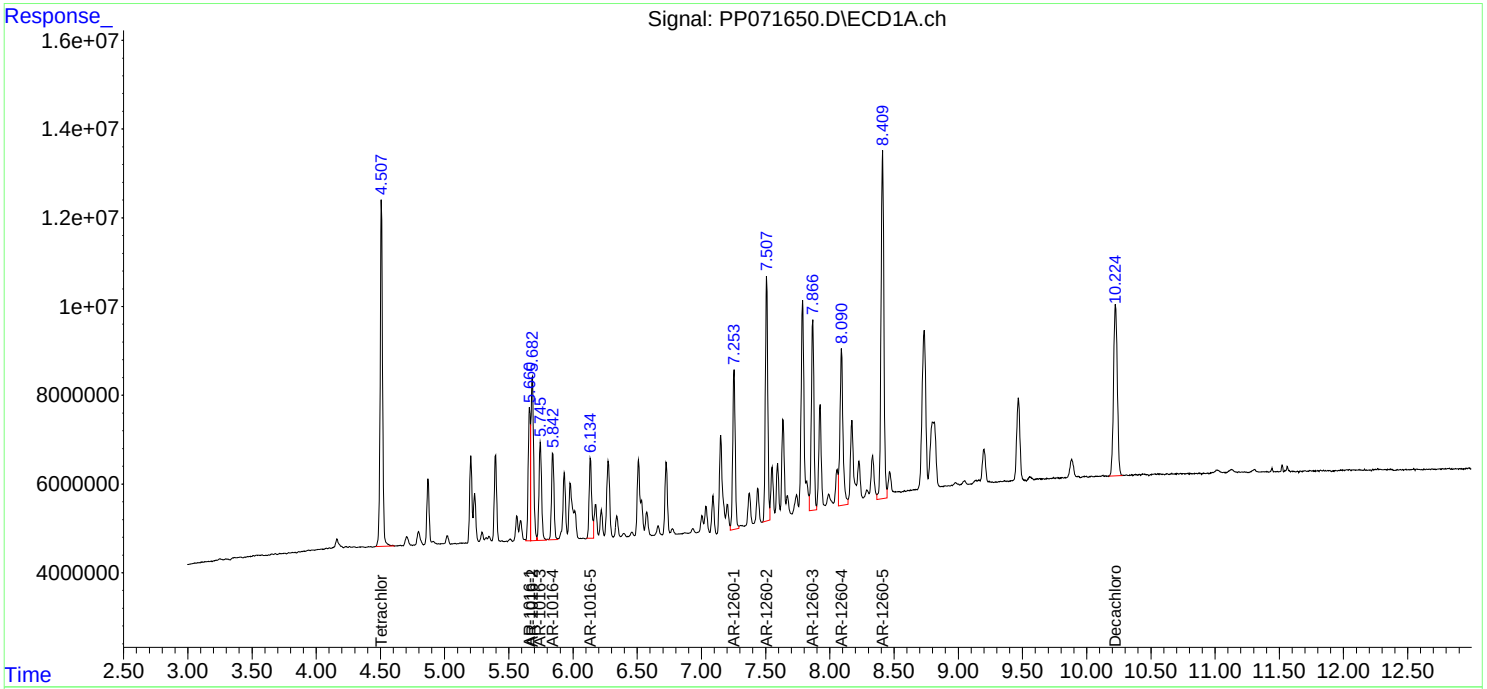
Sample Results: **PP071650.D**

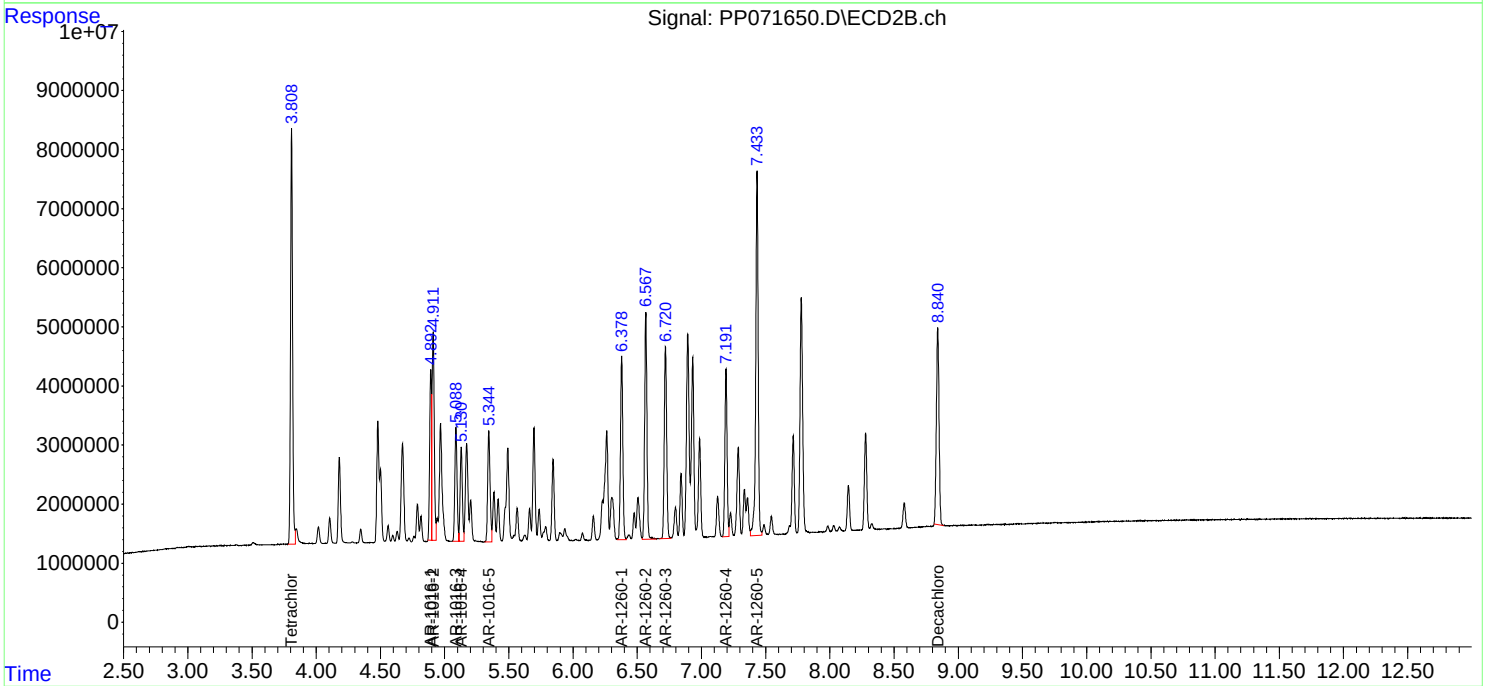
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071650.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 16:11
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

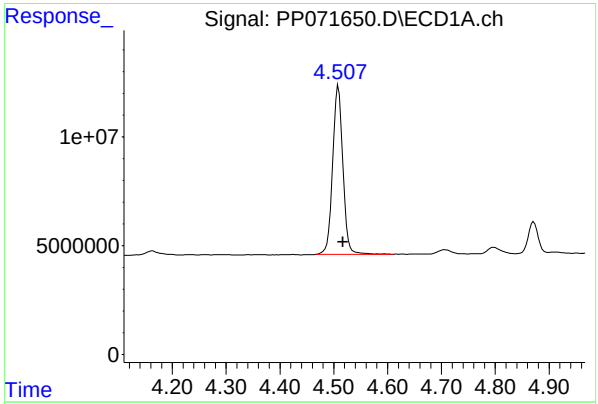
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 00:59:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



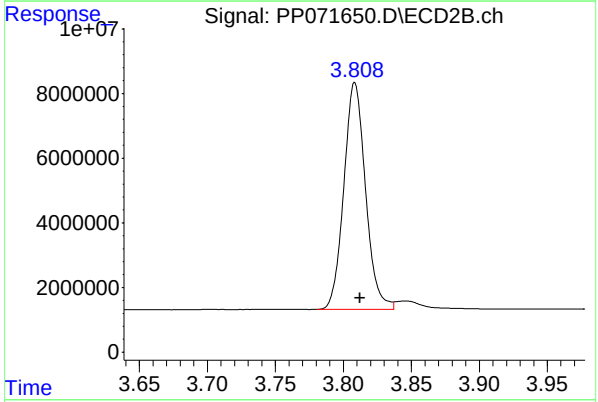




#1 Tetrachloro-m-xylene

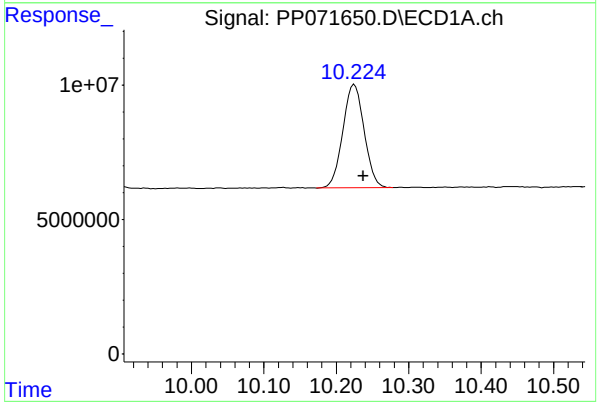
R.T.: 4.509 min
Delta R.T.: -0.008 min
Response: 102636673
Conc: 51.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



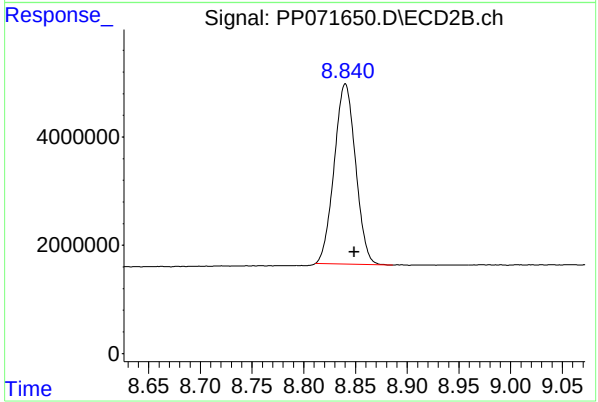
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: -0.004 min
Response: 78040405
Conc: 55.40 ng/ml



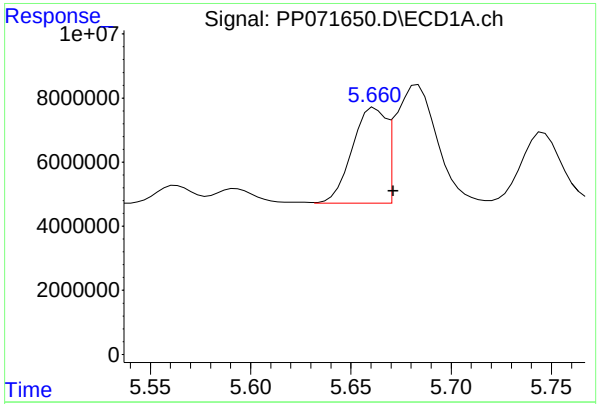
#2 Decachlorobiphenyl

R.T.: 10.225 min
Delta R.T.: -0.012 min
Response: 78303561
Conc: 54.08 ng/ml



#2 Decachlorobiphenyl

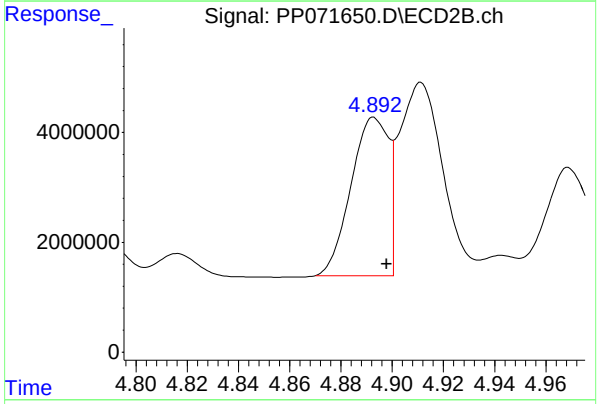
R.T.: 8.840 min
Delta R.T.: -0.009 min
Response: 47846835
Conc: 54.55 ng/ml



#3 AR-1016-1

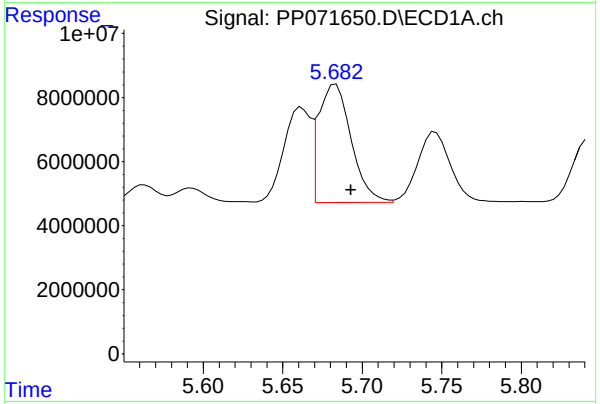
R.T.: 5.662 min
Delta R.T.: -0.009 min
Response: 34871034
Conc: 520.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



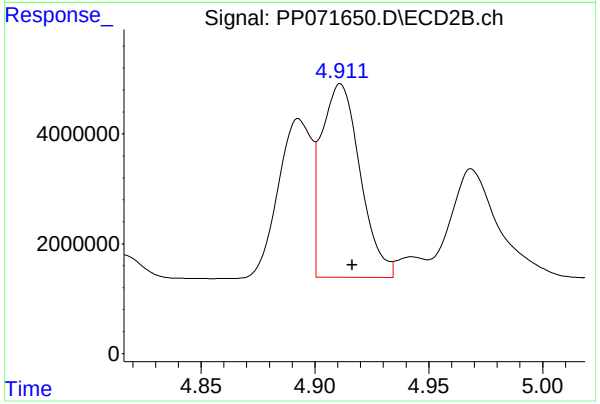
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.005 min
Response: 29335905
Conc: 547.99 ng/ml



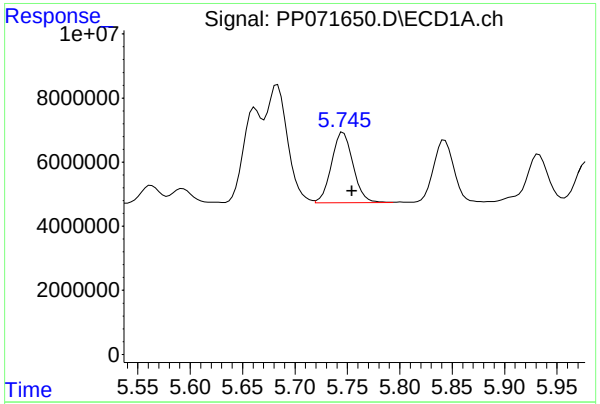
#4 AR-1016-2

R.T.: 5.683 min
Delta R.T.: -0.009 min
Response: 52837877
Conc: 514.85 ng/ml



#4 AR-1016-2

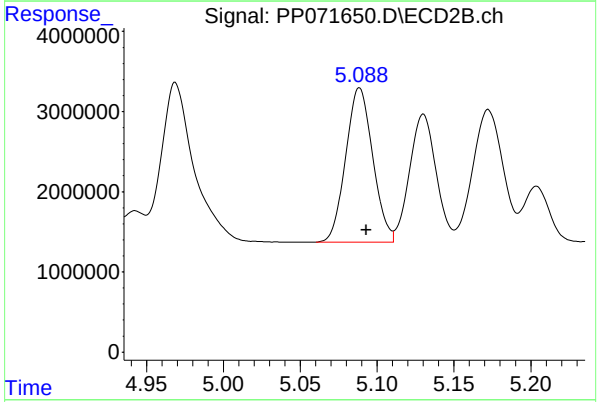
R.T.: 4.911 min
Delta R.T.: -0.005 min
Response: 41699170
Conc: 546.06 ng/ml



#5 AR-1016-3

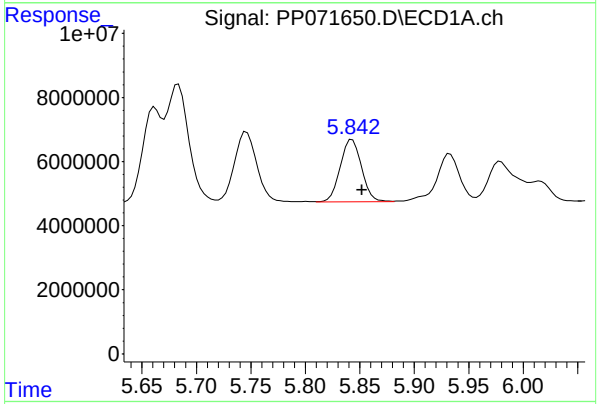
R.T.: 5.746 min
Delta R.T.: -0.008 min
Response: 31446375
Conc: 510.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



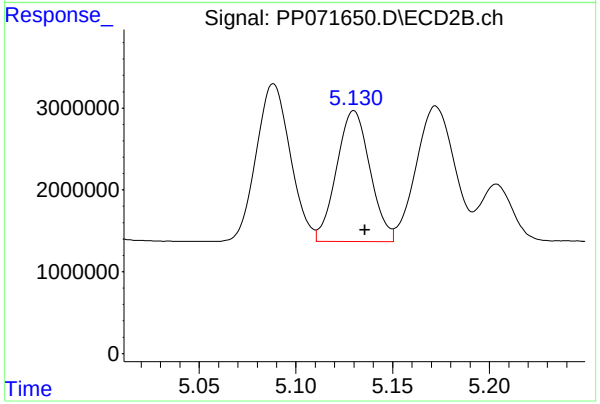
#5 AR-1016-3

R.T.: 5.088 min
Delta R.T.: -0.005 min
Response: 23587011
Conc: 558.80 ng/ml



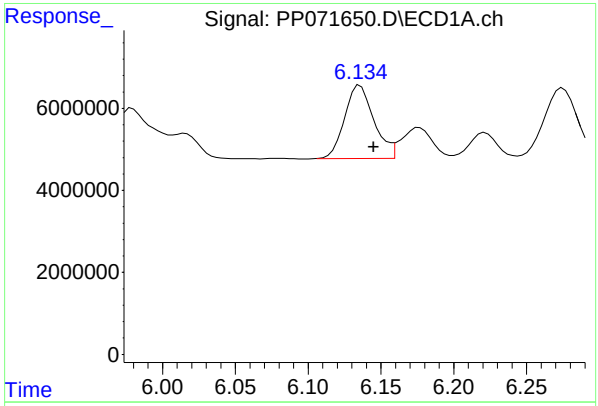
#6 AR-1016-4

R.T.: 5.843 min
Delta R.T.: -0.009 min
Response: 26556295
Conc: 517.69 ng/ml



#6 AR-1016-4

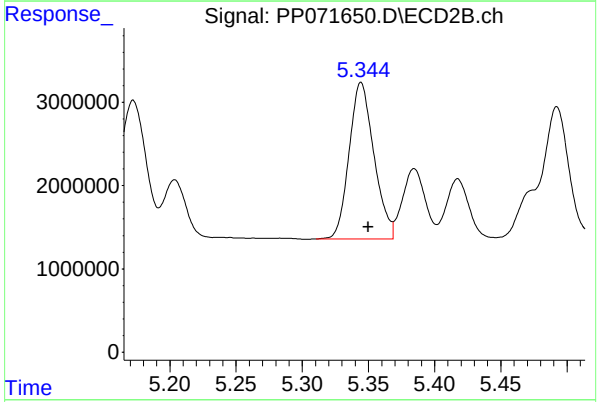
R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 19237643
Conc: 557.84 ng/ml



#7 AR-1016-5

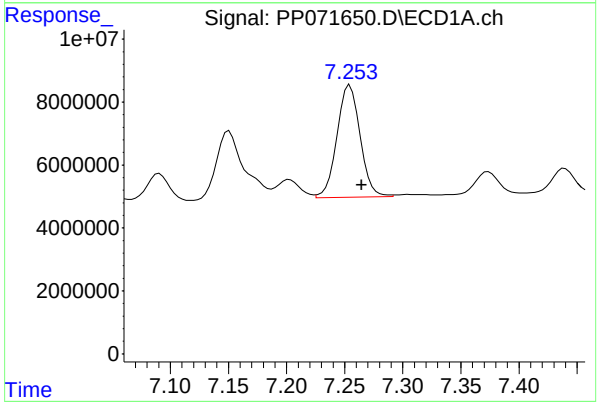
R.T.: 6.136 min
Delta R.T.: -0.009 min
Response: 24992148
Conc: 518.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



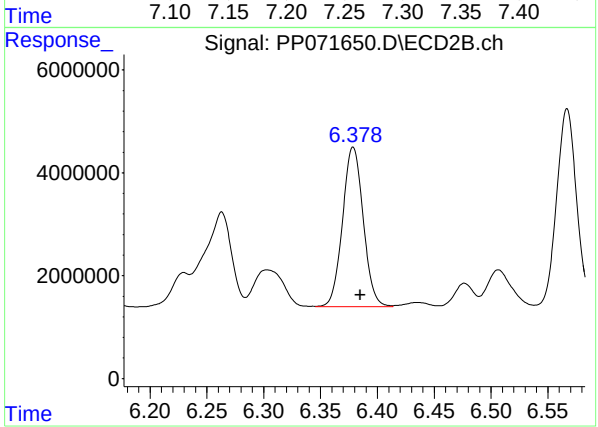
#7 AR-1016-5

R.T.: 5.344 min
Delta R.T.: -0.006 min
Response: 24580962
Conc: 553.04 ng/ml



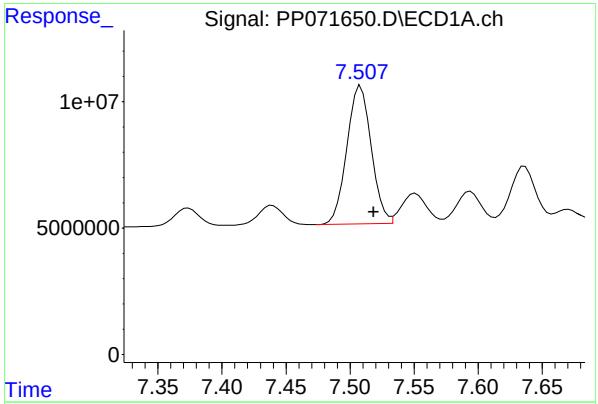
#31 AR-1260-1

R.T.: 7.255 min
Delta R.T.: -0.010 min
Response: 49393935
Conc: 514.39 ng/ml



#31 AR-1260-1

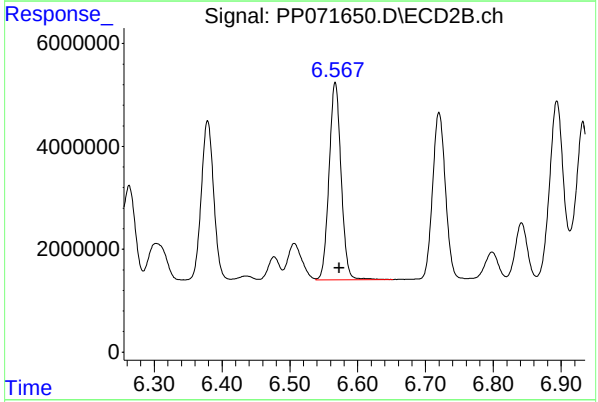
R.T.: 6.379 min
Delta R.T.: -0.006 min
Response: 39302777
Conc: 543.61 ng/ml



#32 AR-1260-2

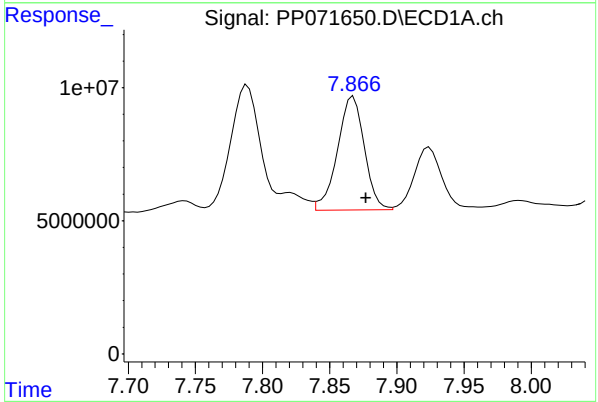
R.T.: 7.508 min
Delta R.T.: -0.010 min
Response: 72320995
Conc: 505.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



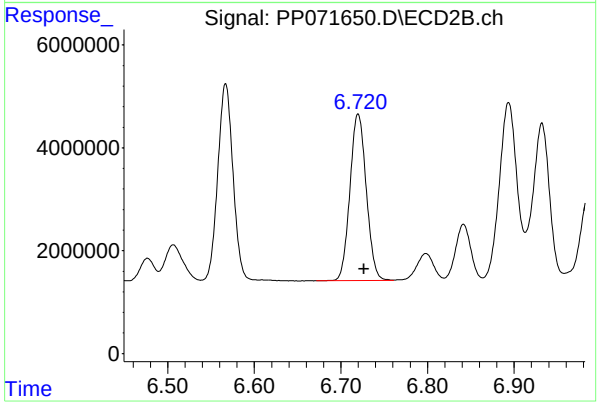
#32 AR-1260-2

R.T.: 6.567 min
Delta R.T.: -0.006 min
Response: 47270304
Conc: 540.47 ng/ml



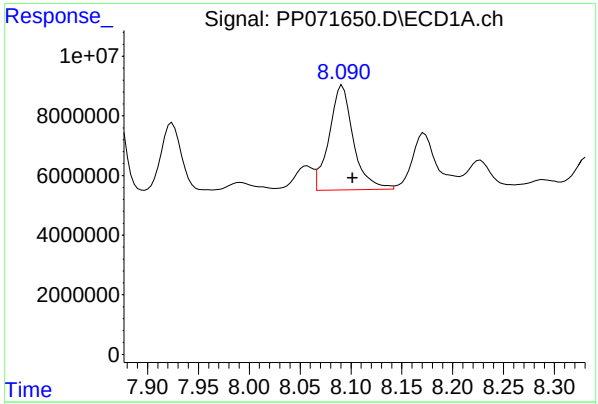
#33 AR-1260-3

R.T.: 7.867 min
Delta R.T.: -0.010 min
Response: 59487775
Conc: 530.65 ng/ml



#33 AR-1260-3

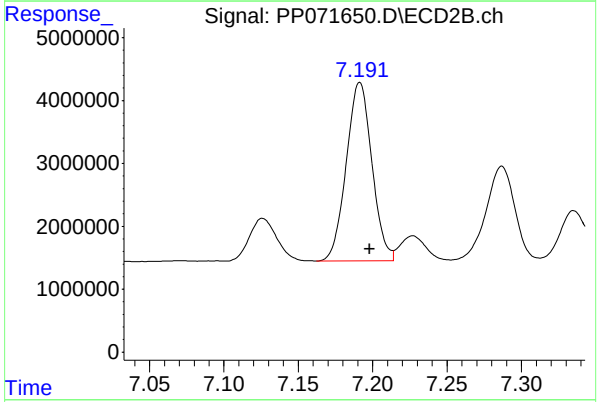
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 42572429
Conc: 543.10 ng/ml



#34 AR-1260-4

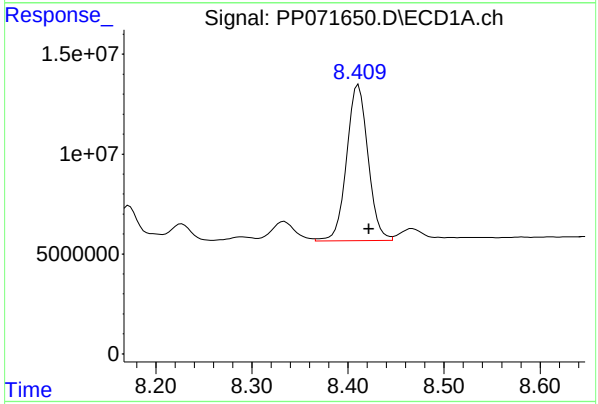
R.T.: 8.092 min
Delta R.T.: -0.010 min
Response: 58372273
Conc: 517.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



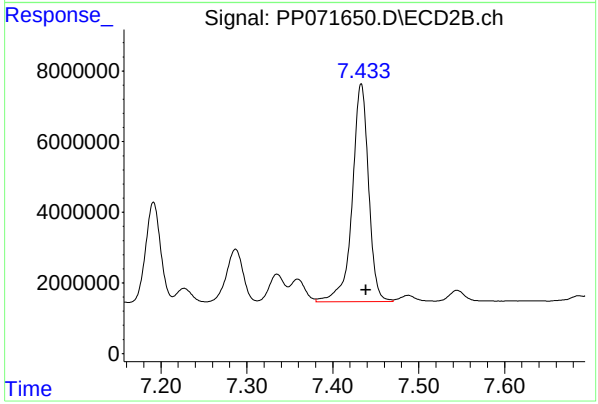
#34 AR-1260-4

R.T.: 7.191 min
Delta R.T.: -0.007 min
Response: 34064307
Conc: 539.76 ng/ml



#35 AR-1260-5

R.T.: 8.411 min
Delta R.T.: -0.011 min
Response: 120498343
Conc: 531.83 ng/ml



#35 AR-1260-5

R.T.: 7.433 min
Delta R.T.: -0.006 min
Response: 81583804
Conc: 541.09 ng/ml

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Analytical Sequence

Client: Weston Solutions, Inc. **SDG No.:** Q1860

Project: Q1908 **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/10/2025 04/10/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	04/10/2025	09:17	PO110348.D	8.73	3.69
AR1660ICC1000	AR1660ICC1000	04/10/2025	09:36	PO110349.D	8.73	3.69
AR1660ICC750	AR1660ICC750	04/10/2025	09:54	PO110350.D	8.73	3.69
AR1660ICC500	AR1660ICC500	04/10/2025	10:13	PO110351.D	8.73	3.69
AR1660ICC250	AR1660ICC250	04/10/2025	10:31	PO110352.D	8.73	3.69
AR1660ICC050	AR1660ICC050	04/10/2025	10:49	PO110353.D	8.73	3.69
AR1221ICC500	AR1221ICC500	04/10/2025	11:08	PO110354.D	8.73	3.69
AR1232ICC500	AR1232ICC500	04/10/2025	11:26	PO110355.D	8.73	3.69
AR1242ICC1000	AR1242ICC1000	04/10/2025	11:44	PO110356.D	8.73	3.69
AR1242ICC750	AR1242ICC750	04/10/2025	12:03	PO110357.D	8.73	3.69
AR1242ICC500	AR1242ICC500	04/10/2025	12:21	PO110358.D	8.73	3.69
AR1242ICC250	AR1242ICC250	04/10/2025	12:39	PO110359.D	8.73	3.69
AR1242ICC050	AR1242ICC050	04/10/2025	12:58	PO110360.D	8.73	3.69
AR1248ICC1000	AR1248ICC1000	04/10/2025	13:16	PO110361.D	8.73	3.69
AR1248ICC750	AR1248ICC750	04/10/2025	13:35	PO110362.D	8.73	3.69
AR1248ICC500	AR1248ICC500	04/10/2025	13:53	PO110363.D	8.73	3.69
AR1248ICC250	AR1248ICC250	04/10/2025	14:11	PO110364.D	8.73	3.69
AR1248ICC050	AR1248ICC050	04/10/2025	14:30	PO110365.D	8.73	3.69
AR1254ICC1000	AR1254ICC1000	04/10/2025	14:48	PO110366.D	8.73	3.69
AR1254ICC750	AR1254ICC750	04/10/2025	15:06	PO110367.D	8.73	3.69
AR1254ICC500	AR1254ICC500	04/10/2025	15:25	PO110368.D	8.73	3.69
AR1254ICC250	AR1254ICC250	04/10/2025	15:43	PO110369.D	8.73	3.69
AR1254ICC050	AR1254ICC050	04/10/2025	16:02	PO110370.D	8.73	3.69
AR1262ICC500	AR1262ICC500	04/10/2025	16:20	PO110371.D	8.73	3.69
AR1268ICC1000	AR1268ICC1000	04/10/2025	16:38	PO110372.D	8.73	3.69
AR1268ICC750	AR1268ICC750	04/10/2025	16:57	PO110373.D	8.73	3.69
AR1268ICC500	AR1268ICC500	04/10/2025	17:15	PO110374.D	8.73	3.69
AR1268ICC250	AR1268ICC250	04/10/2025	17:33	PO110375.D	8.73	3.69
AR1268ICC050	AR1268ICC050	04/10/2025	17:52	PO110376.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/24/2025	10:09	PO110673.D	8.73	3.69
I.BLK	I.BLK	04/24/2025	11:29	PO110677.D	8.73	3.69
P001-SS002-02	Q1860-05	04/24/2025	13:01	PO110678.D	8.72	3.69
P001-SS003-01	Q1860-06	04/24/2025	13:19	PO110679.D	8.73	3.69
P001-SS004-01	Q1860-07	04/24/2025	13:37	PO110680.D	8.73	3.69
P001-SS009-01	Q1860-12	04/24/2025	13:56	PO110681.D	8.72	3.69
P001-SS011-01	Q1860-14	04/24/2025	14:32	PO110683.D	8.73	3.69
P001-SS012-01	Q1860-15	04/24/2025	14:51	PO110684.D	8.73	3.69
P001-SS013-01	Q1860-16	04/24/2025	15:09	PO110685.D	8.72	3.69
P001-SS014-01	Q1860-17	04/24/2025	15:27	PO110686.D	8.73	3.69
P001-SS015-01	Q1860-18	04/24/2025	15:46	PO110687.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/24/2025	17:22	PO110688.D	8.73	3.69
I.BLK	I.BLK	04/24/2025	18:54	PO110692.D	8.73	3.69

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AR1660CCC500	AR1660CCC500	04/24/2025	23:35	PO110703.D	8.73	3.69
I.BLK	I.BLK	04/25/2025	01:25	PO110707.D	8.73	3.69
P001-SS010-01	Q1860-13	04/25/2025	01:43	PO110708.D	8.73	3.69
P001-SS009-01DL	Q1860-12DL	04/25/2025	02:02	PO110709.D	0.00	0.00
P001-SS012-01DL	Q1860-15DL	04/25/2025	02:20	PO110710.D	8.73	3.69
P001-SS013-01DL	Q1860-16DL	04/25/2025	02:57	PO110712.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/25/2025	04:38	PO110714.D	8.73	3.69
I.BLK	I.BLK	04/25/2025	06:28	PO110718.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/25/2025	09:24	PO110720.D	8.73	3.69
I.BLK	I.BLK	04/25/2025	11:14	PO110724.D	8.73	3.69
PB167737BS	PB167737BS	04/25/2025	12:13	PO110726.D	8.73	3.69
P001-SS016-01	Q1860-19	04/25/2025	12:31	PO110727.D	8.73	3.69
P001-SS016-01MS	Q1860-20MS	04/25/2025	12:49	PO110728.D	8.73	3.69
P001-SS016-01MSD	Q1860-21MSD	04/25/2025	13:08	PO110729.D	8.73	3.69
P001-SS020-01	Q1860-26	04/25/2025	13:26	PO110730.D	8.73	3.69
P001-SS021-01	Q1860-27	04/25/2025	13:44	PO110731.D	8.72	3.69
P001-SS022-01	Q1860-28	04/25/2025	14:03	PO110732.D	8.72	3.69
P001-SS023-01	Q1860-29	04/25/2025	14:21	PO110733.D	8.72	3.69
P001-SS024-01	Q1860-30	04/25/2025	14:39	PO110734.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/25/2025	16:18	PO110735.D	8.73	3.69
I.BLK	I.BLK	04/25/2025	17:49	PO110739.D	8.73	3.69
P001-SS025-01	Q1860-31	04/25/2025	18:08	PO110740.D	8.72	3.69
P001-SS026-01	Q1860-32	04/25/2025	18:26	PO110741.D	8.72	3.69
P001-SS028-01	Q1860-34	04/25/2025	19:03	PO110743.D	8.72	3.69
P001-SS030-01	Q1860-36	04/25/2025	19:39	PO110745.D	8.73	3.69
P001-SS031-01	Q1860-37	04/25/2025	19:58	PO110746.D	8.73	3.69
P001-SS032-01	Q1860-38	04/25/2025	20:16	PO110747.D	8.72	3.69
P001-SS033-01	Q1860-39	04/25/2025	20:34	PO110748.D	8.73	3.69
P001-SS034-01	Q1860-40	04/25/2025	20:53	PO110749.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/25/2025	23:07	PO110750.D	8.73	3.69
I.BLK	I.BLK	04/26/2025	00:20	PO110754.D	8.73	3.69
P001-SS035-01	Q1860-41	04/26/2025	01:34	PO110758.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/26/2025	05:02	PO110765.D	8.73	3.69
I.BLK	I.BLK	04/26/2025	06:52	PO110769.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/28/2025	08:50	PO110783.D	8.73	3.69
I.BLK	I.BLK	04/28/2025	10:21	PO110787.D	8.73	3.69
P001-SS016-01DL	Q1860-19DL	04/28/2025	10:39	PO110788.D	8.72	3.69
P001-SS020-01DL	Q1860-26DL	04/28/2025	10:57	PO110789.D	8.73	3.69
P001-SS021-01DL	Q1860-27DL	04/28/2025	11:16	PO110790.D	8.72	3.69
P001-SS023-01DL	Q1860-29DL	04/28/2025	11:34	PO110791.D	8.72	3.69
P001-SS025-01DL	Q1860-31DL	04/28/2025	11:53	PO110792.D	8.72	3.69
P001-SS026-01DL	Q1860-32DL	04/28/2025	12:29	PO110794.D	8.72	3.69
P001-SS030-01DL	Q1860-36DL	04/28/2025	13:24	PO110797.D	8.72	3.69
AR1660CCC500	AR1660CCC500	04/28/2025	14:33	PO110798.D	8.73	3.69
I.BLK	I.BLK	04/28/2025	15:47	PO110802.D	8.73	3.69
P001-SS032-01DL	Q1860-38DL	04/28/2025	16:41	PO110805.D	8.72	3.68
P001-SS032-01DL2	Q1860-38DL2	04/28/2025	16:59	PO110806.D	0.00	0.00
P001-SS033-01DL	Q1860-39DL	04/28/2025	17:17	PO110807.D	8.73	3.69
P001-SS034-01DL	Q1860-40DL	04/28/2025	17:36	PO110808.D	8.73	3.69
P001-SS035-01DL	Q1860-41DL	04/28/2025	17:53	PO110809.D	8.72	3.68
P001-SS035-01DL2	Q1860-41DL2	04/28/2025	18:12	PO110810.D	0.00	0.00
AR1660CCC500	AR1660CCC500	04/28/2025	19:58	PO110813.D	8.73	3.69

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I.BLK	I.BLK	04/28/2025	21:29	PO110817.D	8.73	3.69
P001-SS017-01	Q1860-22	04/28/2025	22:42	PO110821.D	8.72	3.68
P001-SS017-02	Q1860-23	04/28/2025	23:00	PO110822.D	8.73	3.69
P001-SS018-01	Q1860-24	04/28/2025	23:18	PO110823.D	8.73	3.69
P001-SS019-01	Q1860-25	04/28/2025	23:37	PO110824.D	8.73	3.69
P001-SS017-01DL	Q1860-22DL	04/29/2025	00:12	PO110826.D	8.72	3.69
P001-SS017-02DL	Q1860-23DL	04/29/2025	00:31	PO110827.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/29/2025	01:54	PO110828.D	8.73	3.69
I.BLK	I.BLK	04/29/2025	03:26	PO110832.D	8.73	3.69
P001-SS019-01DL	Q1860-25DL	04/29/2025	04:57	PO110837.D	8.73	3.69
P001-SS031-01DL	Q1860-37DL	04/29/2025	05:16	PO110838.D	8.72	3.69
P001-SS031-01DL2	Q1860-37DL2	04/29/2025	05:34	PO110839.D	0.00	0.00
AR1660CCC500	AR1660CCC500	04/29/2025	06:57	PO110840.D	8.73	3.69
I.BLK	I.BLK	04/29/2025	08:29	PO110844.D	8.73	3.69
AR1660CCC500	AR1660CCC500	04/29/2025	09:24	PO110846.D	8.73	3.69
I.BLK	I.BLK	04/29/2025	10:40	PO110850.D	8.73	3.69
P001-SS028-01DL	Q1860-34DL	04/29/2025	12:11	PO110855.D	8.72	3.69
AR1660CCC500	AR1660CCC500	04/29/2025	15:58	PO110861.D	8.73	3.69
I.BLK	I.BLK	04/29/2025	17:29	PO110865.D	8.73	3.69
I.BLK	I.BLK	04/22/2025	10:13	PP071388.D	10.23	4.51
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	10.23	4.51
AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	10.23	4.51
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	10.24	4.52
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	10.23	4.51
AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	10.24	4.52
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	10.23	4.51
AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	10.23	4.52
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	10.23	4.51
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	10.24	4.52
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	10.24	4.51
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	10.23	4.51
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	10.24	4.52
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	10.24	4.52
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	10.24	4.52
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	10.24	4.51
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	10.24	4.51
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	10.24	4.51
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	10.24	4.52
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	10.24	4.52
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	10.24	4.52
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	10.23	4.51
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	10.24	4.51
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	10.24	4.52
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	10.24	4.51
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	10.23	4.52
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	10.24	4.52
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	10.24	4.52
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	10.24	4.51
AR1660CCC500	AR1660CCC500	04/24/2025	09:22	PP071423.D	10.22	4.51
I.BLK	I.BLK	04/24/2025	10:27	PP071427.D	10.23	4.51
PB167721BL	PB167721BL	04/24/2025	12:58	PP071428.D	10.23	4.51
PB167721BS	PB167721BS	04/24/2025	13:14	PP071429.D	10.23	4.51

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P001-SS001-01	Q1860-01	04/24/2025	13:30	PP071430.D	10.23	4.52
P001-SS001-01MS	Q1860-02MS	04/24/2025	13:47	PP071431.D	10.23	4.51
P001-SS001-01MSD	Q1860-03MSD	04/24/2025	14:03	PP071432.D	10.23	4.51
P001-SS002-01	Q1860-04	04/24/2025	14:19	PP071433.D	10.23	4.52
P001-SS005-01	Q1860-08	04/24/2025	14:35	PP071434.D	10.23	4.51
P001-SS007-01	Q1860-10	04/24/2025	15:08	PP071436.D	10.23	4.51
P001-SS008-01	Q1860-11	04/24/2025	15:25	PP071437.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/24/2025	17:02	PP071438.D	10.23	4.51
I.BLK	I.BLK	04/24/2025	18:24	PP071442.D	10.23	4.51
P001-SS007-01DL	Q1860-10DL	04/24/2025	19:45	PP071447.D	10.23	4.52
P001-SS008-01DL	Q1860-11DL	04/24/2025	20:18	PP071449.D	0.00	0.00
AR1660CCC500	AR1660CCC500	04/24/2025	22:12	PP071450.D	10.23	4.51
I.BLK	I.BLK	04/24/2025	23:33	PP071454.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/28/2025	08:28	PP071528.D	10.23	4.51
I.BLK	I.BLK	04/28/2025	09:36	PP071532.D	10.22	4.51
PB167737BL	PB167737BL	04/28/2025	09:53	PP071533.D	10.23	4.51
P001-SS027-01	Q1860-33	04/28/2025	10:43	PP071536.D	10.23	4.51
P001-SS029-01	Q1860-35	04/28/2025	10:59	PP071537.D	10.23	4.51
P001-SS036-01	Q1860-42	04/28/2025	11:32	PP071539.D	10.22	4.51
AR1660CCC500	AR1660CCC500	04/28/2025	12:53	PP071542.D	10.22	4.51
I.BLK	I.BLK	04/28/2025	13:58	PP071546.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/29/2025	10:33	PP071599.D	10.23	4.51
I.BLK	I.BLK	04/29/2025	11:40	PP071603.D	10.23	4.51
P001-SS029-01DL	Q1860-35DL	04/29/2025	11:56	PP071604.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/29/2025	16:29	PP071614.D	10.23	4.51
I.BLK	I.BLK	04/29/2025	17:51	PP071618.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/30/2025	09:07	PP071635.D	10.23	4.51
I.BLK	I.BLK	04/30/2025	10:17	PP071639.D	10.22	4.51
P001-SS006-01	Q1860-09	04/30/2025	13:44	PP071645.D	10.23	4.51
P001-SS006-01DL	Q1860-09DL	04/30/2025	14:01	PP071646.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/30/2025	16:11	PP071650.D	10.23	4.51
I.BLK	I.BLK	04/30/2025	17:16	PP071654.D	10.23	4.51

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Analytical Sequence

Client: Weston Solutions, Inc. **SDG No.:** Q1860

Project: Q1908 **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/10/2025 04/10/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	04/10/2025	09:17	PO110348.D	8.68	3.68
AR1660ICC1000	AR1660ICC1000	04/10/2025	09:36	PO110349.D	8.69	3.69
AR1660ICC750	AR1660ICC750	04/10/2025	09:54	PO110350.D	8.69	3.69
AR1660ICC500	AR1660ICC500	04/10/2025	10:13	PO110351.D	8.68	3.69
AR1660ICC250	AR1660ICC250	04/10/2025	10:31	PO110352.D	8.68	3.69
AR1660ICC050	AR1660ICC050	04/10/2025	10:49	PO110353.D	8.68	3.69
AR1221ICC500	AR1221ICC500	04/10/2025	11:08	PO110354.D	8.68	3.69
AR1232ICC500	AR1232ICC500	04/10/2025	11:26	PO110355.D	8.68	3.69
AR1242ICC1000	AR1242ICC1000	04/10/2025	11:44	PO110356.D	8.68	3.69
AR1242ICC750	AR1242ICC750	04/10/2025	12:03	PO110357.D	8.68	3.69
AR1242ICC500	AR1242ICC500	04/10/2025	12:21	PO110358.D	8.68	3.68
AR1242ICC250	AR1242ICC250	04/10/2025	12:39	PO110359.D	8.68	3.69
AR1242ICC050	AR1242ICC050	04/10/2025	12:58	PO110360.D	8.68	3.68
AR1248ICC1000	AR1248ICC1000	04/10/2025	13:16	PO110361.D	8.68	3.69
AR1248ICC750	AR1248ICC750	04/10/2025	13:35	PO110362.D	8.69	3.69
AR1248ICC500	AR1248ICC500	04/10/2025	13:53	PO110363.D	8.69	3.69
AR1248ICC250	AR1248ICC250	04/10/2025	14:11	PO110364.D	8.68	3.69
AR1248ICC050	AR1248ICC050	04/10/2025	14:30	PO110365.D	8.68	3.68
AR1254ICC1000	AR1254ICC1000	04/10/2025	14:48	PO110366.D	8.68	3.69
AR1254ICC750	AR1254ICC750	04/10/2025	15:06	PO110367.D	8.68	3.69
AR1254ICC500	AR1254ICC500	04/10/2025	15:25	PO110368.D	8.68	3.69
AR1254ICC250	AR1254ICC250	04/10/2025	15:43	PO110369.D	8.68	3.68
AR1254ICC050	AR1254ICC050	04/10/2025	16:02	PO110370.D	8.68	3.69
AR1262ICC500	AR1262ICC500	04/10/2025	16:20	PO110371.D	8.68	3.69
AR1268ICC1000	AR1268ICC1000	04/10/2025	16:38	PO110372.D	8.68	3.68
AR1268ICC750	AR1268ICC750	04/10/2025	16:57	PO110373.D	8.68	3.68
AR1268ICC500	AR1268ICC500	04/10/2025	17:15	PO110374.D	8.68	3.69
AR1268ICC250	AR1268ICC250	04/10/2025	17:33	PO110375.D	8.68	3.69
AR1268ICC050	AR1268ICC050	04/10/2025	17:52	PO110376.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/24/2025	10:09	PO110673.D	8.68	3.68
I.BLK	I.BLK	04/24/2025	11:29	PO110677.D	8.68	3.68
P001-SS002-02	Q1860-05	04/24/2025	13:01	PO110678.D	8.67	3.68
P001-SS003-01	Q1860-06	04/24/2025	13:19	PO110679.D	8.68	3.68
P001-SS004-01	Q1860-07	04/24/2025	13:37	PO110680.D	8.68	3.68
P001-SS009-01	Q1860-12	04/24/2025	13:56	PO110681.D	8.68	3.69
P001-SS011-01	Q1860-14	04/24/2025	14:32	PO110683.D	8.68	3.68
P001-SS012-01	Q1860-15	04/24/2025	14:51	PO110684.D	8.68	3.68
P001-SS013-01	Q1860-16	04/24/2025	15:09	PO110685.D	8.68	3.68
P001-SS014-01	Q1860-17	04/24/2025	15:27	PO110686.D	8.68	3.68
P001-SS015-01	Q1860-18	04/24/2025	15:46	PO110687.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/24/2025	17:22	PO110688.D	8.68	3.68
I.BLK	I.BLK	04/24/2025	18:54	PO110692.D	8.68	3.68

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Analytical Sequence

AR1660CCC500	AR1660CCC500	04/24/2025	23:35	PO110703.D	8.68	3.68
I.BLK	I.BLK	04/25/2025	01:25	PO110707.D	8.68	3.68
P001-SS010-01	Q1860-13	04/25/2025	01:43	PO110708.D	8.68	3.68
P001-SS009-01DL	Q1860-12DL	04/25/2025	02:02	PO110709.D	0.00	0.00
P001-SS012-01DL	Q1860-15DL	04/25/2025	02:20	PO110710.D	8.68	3.68
P001-SS013-01DL	Q1860-16DL	04/25/2025	02:57	PO110712.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/25/2025	04:38	PO110714.D	8.68	3.68
I.BLK	I.BLK	04/25/2025	06:28	PO110718.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/25/2025	09:24	PO110720.D	8.68	3.68
I.BLK	I.BLK	04/25/2025	11:14	PO110724.D	8.68	3.68
PB167737BS	PB167737BS	04/25/2025	12:13	PO110726.D	8.68	3.68
P001-SS016-01	Q1860-19	04/25/2025	12:31	PO110727.D	8.68	3.68
P001-SS016-01MS	Q1860-20MS	04/25/2025	12:49	PO110728.D	8.68	3.68
P001-SS016-01MSD	Q1860-21MSD	04/25/2025	13:08	PO110729.D	8.68	3.68
P001-SS020-01	Q1860-26	04/25/2025	13:26	PO110730.D	8.68	3.68
P001-SS021-01	Q1860-27	04/25/2025	13:44	PO110731.D	8.67	3.68
P001-SS022-01	Q1860-28	04/25/2025	14:03	PO110732.D	8.67	3.68
P001-SS023-01	Q1860-29	04/25/2025	14:21	PO110733.D	8.67	3.68
P001-SS024-01	Q1860-30	04/25/2025	14:39	PO110734.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/25/2025	16:18	PO110735.D	8.68	3.68
I.BLK	I.BLK	04/25/2025	17:49	PO110739.D	8.68	3.68
P001-SS025-01	Q1860-31	04/25/2025	18:08	PO110740.D	8.67	3.68
P001-SS026-01	Q1860-32	04/25/2025	18:26	PO110741.D	8.67	3.68
P001-SS028-01	Q1860-34	04/25/2025	19:03	PO110743.D	8.68	3.69
P001-SS030-01	Q1860-36	04/25/2025	19:39	PO110745.D	8.68	3.68
P001-SS031-01	Q1860-37	04/25/2025	19:58	PO110746.D	8.68	3.68
P001-SS032-01	Q1860-38	04/25/2025	20:16	PO110747.D	8.68	3.68
P001-SS033-01	Q1860-39	04/25/2025	20:34	PO110748.D	8.68	3.68
P001-SS034-01	Q1860-40	04/25/2025	20:53	PO110749.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/25/2025	23:07	PO110750.D	8.68	3.68
I.BLK	I.BLK	04/26/2025	00:20	PO110754.D	8.68	3.68
P001-SS035-01	Q1860-41	04/26/2025	01:34	PO110758.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/26/2025	05:02	PO110765.D	8.68	3.69
I.BLK	I.BLK	04/26/2025	06:52	PO110769.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/28/2025	08:50	PO110783.D	8.68	3.68
I.BLK	I.BLK	04/28/2025	10:21	PO110787.D	8.68	3.68
P001-SS016-01DL	Q1860-19DL	04/28/2025	10:39	PO110788.D	8.68	3.68
P001-SS020-01DL	Q1860-26DL	04/28/2025	10:57	PO110789.D	8.68	3.68
P001-SS021-01DL	Q1860-27DL	04/28/2025	11:16	PO110790.D	8.67	3.68
P001-SS023-01DL	Q1860-29DL	04/28/2025	11:34	PO110791.D	8.67	3.68
P001-SS025-01DL	Q1860-31DL	04/28/2025	11:53	PO110792.D	8.67	3.68
P001-SS026-01DL	Q1860-32DL	04/28/2025	12:29	PO110794.D	8.67	3.68
P001-SS030-01DL	Q1860-36DL	04/28/2025	13:24	PO110797.D	8.67	3.68
AR1660CCC500	AR1660CCC500	04/28/2025	14:33	PO110798.D	8.68	3.68
I.BLK	I.BLK	04/28/2025	15:47	PO110802.D	8.68	3.68
P001-SS032-01DL	Q1860-38DL	04/28/2025	16:41	PO110805.D	8.67	3.68
P001-SS032-01DL2	Q1860-38DL2	04/28/2025	16:59	PO110806.D	0.00	0.00
P001-SS033-01DL	Q1860-39DL	04/28/2025	17:17	PO110807.D	8.68	3.68
P001-SS034-01DL	Q1860-40DL	04/28/2025	17:36	PO110808.D	8.68	3.68
P001-SS035-01DL	Q1860-41DL	04/28/2025	17:53	PO110809.D	8.68	3.68
P001-SS035-01DL2	Q1860-41DL2	04/28/2025	18:12	PO110810.D	0.00	0.00
AR1660CCC500	AR1660CCC500	04/28/2025	19:58	PO110813.D	8.68	3.68

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Analytical Sequence

I.BLK	I.BLK	04/28/2025	21:29	PO110817.D	8.68	3.68
P001-SS017-01	Q1860-22	04/28/2025	22:42	PO110821.D	8.68	3.68
P001-SS017-02	Q1860-23	04/28/2025	23:00	PO110822.D	8.68	3.68
P001-SS018-01	Q1860-24	04/28/2025	23:18	PO110823.D	8.68	3.68
P001-SS019-01	Q1860-25	04/28/2025	23:37	PO110824.D	8.68	3.68
P001-SS017-01DL	Q1860-22DL	04/29/2025	00:12	PO110826.D	8.68	3.68
P001-SS017-02DL	Q1860-23DL	04/29/2025	00:31	PO110827.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/29/2025	01:54	PO110828.D	8.68	3.68
I.BLK	I.BLK	04/29/2025	03:26	PO110832.D	8.68	3.68
P001-SS019-01DL	Q1860-25DL	04/29/2025	04:57	PO110837.D	8.68	3.68
P001-SS031-01DL	Q1860-37DL	04/29/2025	05:16	PO110838.D	8.68	3.68
P001-SS031-01DL2	Q1860-37DL2	04/29/2025	05:34	PO110839.D	0.00	0.00
AR1660CCC500	AR1660CCC500	04/29/2025	06:57	PO110840.D	8.68	3.68
I.BLK	I.BLK	04/29/2025	08:29	PO110844.D	8.68	3.68
AR1660CCC500	AR1660CCC500	04/29/2025	09:24	PO110846.D	8.68	3.68
I.BLK	I.BLK	04/29/2025	10:40	PO110850.D	8.68	3.68
P001-SS028-01DL	Q1860-34DL	04/29/2025	12:11	PO110855.D	8.67	3.68
AR1660CCC500	AR1660CCC500	04/29/2025	15:58	PO110861.D	8.68	3.68
I.BLK	I.BLK	04/29/2025	17:29	PO110865.D	8.68	3.68
I.BLK	I.BLK	04/22/2025	10:13	PP071388.D	8.85	3.81
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	8.85	3.81
AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	8.85	3.81
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	8.85	3.81
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	8.85	3.81
AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	8.85	3.81
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	8.85	3.81
AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	8.85	3.81
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	8.85	3.81
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	8.85	3.81
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	8.85	3.81
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	8.85	3.81
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	8.85	3.81
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	8.85	3.81
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	8.85	3.81
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	8.85	3.81
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	8.85	3.81
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	8.85	3.81
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	8.85	3.81
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	8.85	3.81
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	8.85	3.81
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	8.85	3.81
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	8.85	3.81
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	8.85	3.81
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	8.85	3.81
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	8.85	3.81
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	8.85	3.81
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	8.85	3.81
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	8.85	3.81
AR1660CCC500	AR1660CCC500	04/24/2025	09:22	PP071423.D	8.84	3.81
I.BLK	I.BLK	04/24/2025	10:27	PP071427.D	8.84	3.81
PB167721BL	PB167721BL	04/24/2025	12:58	PP071428.D	8.84	3.81
PB167721BS	PB167721BS	04/24/2025	13:14	PP071429.D	8.85	3.81

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Analytical Sequence

P001-SS001-01	Q1860-01	04/24/2025	13:30	PP071430.D	8.84	3.81
P001-SS001-01MS	Q1860-02MS	04/24/2025	13:47	PP071431.D	8.85	3.81
P001-SS001-01MSD	Q1860-03MSD	04/24/2025	14:03	PP071432.D	8.84	3.81
P001-SS002-01	Q1860-04	04/24/2025	14:19	PP071433.D	8.84	3.81
P001-SS005-01	Q1860-08	04/24/2025	14:35	PP071434.D	8.85	3.81
P001-SS007-01	Q1860-10	04/24/2025	15:08	PP071436.D	8.84	3.81
P001-SS008-01	Q1860-11	04/24/2025	15:25	PP071437.D	8.84	3.82
AR1660CCC500	AR1660CCC500	04/24/2025	17:02	PP071438.D	8.85	3.81
I.BLK	I.BLK	04/24/2025	18:24	PP071442.D	8.85	3.81
P001-SS007-01DL	Q1860-10DL	04/24/2025	19:45	PP071447.D	8.84	3.81
P001-SS008-01DL	Q1860-11DL	04/24/2025	20:18	PP071449.D	0.00	0.00
AR1660CCC500	AR1660CCC500	04/24/2025	22:12	PP071450.D	8.85	3.81
I.BLK	I.BLK	04/24/2025	23:33	PP071454.D	8.85	3.81
AR1660CCC500	AR1660CCC500	04/28/2025	08:28	PP071528.D	8.84	3.81
I.BLK	I.BLK	04/28/2025	09:36	PP071532.D	8.84	3.81
PB167737BL	PB167737BL	04/28/2025	09:53	PP071533.D	8.84	3.81
P001-SS027-01	Q1860-33	04/28/2025	10:43	PP071536.D	8.84	3.81
P001-SS029-01	Q1860-35	04/28/2025	10:59	PP071537.D	8.84	3.81
P001-SS036-01	Q1860-42	04/28/2025	11:32	PP071539.D	8.84	3.81
AR1660CCC500	AR1660CCC500	04/28/2025	12:53	PP071542.D	8.84	3.81
I.BLK	I.BLK	04/28/2025	13:58	PP071546.D	8.84	3.81
AR1660CCC500	AR1660CCC500	04/29/2025	10:33	PP071599.D	8.84	3.81
I.BLK	I.BLK	04/29/2025	11:40	PP071603.D	8.84	3.81
P001-SS029-01DL	Q1860-35DL	04/29/2025	11:56	PP071604.D	8.84	3.81
AR1660CCC500	AR1660CCC500	04/29/2025	16:29	PP071614.D	8.84	3.81
I.BLK	I.BLK	04/29/2025	17:51	PP071618.D	8.84	3.81
AR1660CCC500	AR1660CCC500	04/30/2025	09:07	PP071635.D	8.84	3.81
I.BLK	I.BLK	04/30/2025	10:17	PP071639.D	8.84	3.81
P001-SS006-01	Q1860-09	04/30/2025	13:44	PP071645.D	8.84	3.81
P001-SS006-01DL	Q1860-09DL	04/30/2025	14:01	PP071646.D	8.84	3.81
AR1660CCC500	AR1660CCC500	04/30/2025	16:11	PP071650.D	8.84	3.81
I.BLK	I.BLK	04/30/2025	17:16	PP071654.D	8.84	3.81

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS002-02

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-05 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110678.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.584	5.534	5.634	246		
	2	5.732	5.682	5.782	270		
	3	6.137	6.087	6.187	305		
COLUMN 1	4	6.367	6.317	6.417	253		
	5	6.785	6.735	6.835	405	296	
	1	5.562	5.512	5.612	235		
	2	5.71	5.66	5.76	256		
	3	6.112	6.062	6.162	301		
	4	6.339	6.289	6.389	253		
COLUMN 2	5	6.756	6.706	6.806	462	302	2.01

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS003-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-06 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110679.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.584	5.534	5.634	109		
	2	5.733	5.683	5.783	123		
	3	6.138	6.088	6.188	158		
COLUMN 1	4	6.367	6.317	6.417	136		
	5	6.786	6.736	6.836	219	149	
	1	5.562	5.512	5.612	110		
	2	5.71	5.66	5.76	122		
	3	6.112	6.062	6.162	167		
	4	6.34	6.29	6.39	142		
COLUMN 2	5	6.756	6.706	6.806	226	154	3.3
Aroclor-1260	1	6.269	6.219	6.319	161		
	2	6.458	6.408	6.508	130		
	3	6.824	6.774	6.874	88.7		
COLUMN 1	4	7.085	7.035	7.135	84.2		
	5	7.328	7.278	7.378	82.3	109	
	1	6.243	6.193	6.293	159		
	2	6.43	6.38	6.48	126		
	3	6.582	6.532	6.632	129		
	4	7.053	7.003	7.103	82.5		
COLUMN 2	5	7.294	7.244	7.344	133	126	14.47

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS004-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-07 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110680.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.584	5.534	5.634	111		
	2	5.733	5.683	5.783	133		
	3	6.138	6.088	6.188	203		
COLUMN 1	4	6.367	6.317	6.417	157		
	5	6.786	6.736	6.836	292	179	
	1	5.563	5.513	5.613	111		
	2	5.71	5.66	5.76	128		
	3	6.112	6.062	6.162	204		
	4	6.34	6.29	6.39	160		
COLUMN 2	5	6.757	6.707	6.807	290	179	0
Aroclor-1260	1	6.27	6.22	6.32	238		
	2	6.458	6.408	6.508	196		
	3	6.826	6.776	6.876	170		
COLUMN 1	4	7.085	7.035	7.135	179		
	5	7.328	7.278	7.378	208	198	
	1	6.243	6.193	6.293	231		
	2	6.431	6.381	6.481	188		
	3	6.583	6.533	6.633	192		
	4	7.055	7.005	7.105	171		
COLUMN 2	5	7.295	7.245	7.345	207	198	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS009-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-12 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110681.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	6810		
	2	5.015	4.965	5.065	7070		
	3	5.23	5.18	5.28	6870		
COLUMN 1	4	5.584	5.534	5.634	8170		
	5	5.625	5.575	5.675	7670	7300	
	1	4.763	4.713	4.813	6690		
	2	4.999	4.949	5.049	6860		
	3	5.041	4.991	5.091	6180		
	4	5.211	5.161	5.261	6890		
COLUMN 2	5	5.604	5.554	5.654	7590	6800	7.09
Aroclor-1254	1	5.584	5.534	5.634	7610		
	2	5.733	5.683	5.783	4570		
	3	6.138	6.088	6.188	5450		
COLUMN 1	4	6.367	6.317	6.417	4530		
	5	6.786	6.736	6.836	6090	5700	
	1	5.563	5.513	5.613	7450		
	2	5.711	5.661	5.761	4330		
	3	6.113	6.063	6.163	5480		
	4	6.34	6.29	6.39	4710		
COLUMN 2	5	6.756	6.706	6.806	6080	5600	1.77

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS011-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-14 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110683.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	296		
	2	5.014	4.964	5.064	333		
	3	5.229	5.179	5.279	297		
COLUMN 1	4	5.584	5.534	5.634	376		
	5	5.625	5.575	5.675	326	325	
	1	4.763	4.713	4.813	295		
	2	4.999	4.949	5.049	327		
	3	5.041	4.991	5.091	284		
	4	5.211	5.161	5.261	295		
COLUMN 2	5	5.603	5.553	5.653	321	304	6.68
Aroclor-1254	1	5.584	5.534	5.634	350		
	2	5.732	5.682	5.782	238		
	3	6.137	6.087	6.187	303		
COLUMN 1	4	6.367	6.317	6.417	204		
	5	6.786	6.736	6.836	313	282	
	1	5.562	5.512	5.612	344		
	2	5.71	5.66	5.76	226		
	3	6.112	6.062	6.162	308		
	4	6.34	6.29	6.39	216		
COLUMN 2	5	6.757	6.707	6.807	313	281	0.36

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS012-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-15 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110684.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.777	4.727	4.827	7500		
	2	5.016	4.966	5.066	5890		
	3	5.23	5.18	5.28	6290		
COLUMN 1	4	5.585	5.535	5.635	6410		
	5	5.626	5.576	5.676	6520	6500	
	1	4.764	4.714	4.814	7280		
	2	5	4.95	5.05	5790		
	3	5.042	4.992	5.092	5880		
	4	5.213	5.163	5.263	6340		
COLUMN 2	5	5.604	5.554	5.654	6510	6400	1.55
Aroclor-1254	1	5.585	5.535	5.635	5970		
	2	5.734	5.684	5.784	3100		
	3	6.139	6.089	6.189	3770		
COLUMN 1	4	6.368	6.318	6.418	2960		
	5	6.787	6.737	6.837	3500	3900	
	1	5.563	5.513	5.613	5950		
	2	5.712	5.662	5.762	2970		
	3	6.114	6.064	6.164	3800		
	4	6.342	6.292	6.392	3100		
COLUMN 2	5	6.758	6.708	6.808	3480	3900	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS013-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-16 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110685.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.777	4.727	4.827	4100		
	2	5.015	4.965	5.065	3950		
	3	5.229	5.179	5.279	3970		
COLUMN 1	4	5.584	5.534	5.634	4750		
	5	5.625	5.575	5.675	4520	4300	
	1	4.763	4.713	4.813	4040		
	2	4.999	4.949	5.049	3950		
	3	5.041	4.991	5.091	3690		
	4	5.212	5.162	5.262	3990		
COLUMN 2	5	5.604	5.554	5.654	4510	4000	7.23
Aroclor-1254	1	5.584	5.534	5.634	4430		
	2	5.732	5.682	5.782	2640		
	3	6.138	6.088	6.188	3130		
COLUMN 1	4	6.367	6.317	6.417	2580		
	5	6.787	6.737	6.837	2950	3100	
	1	5.563	5.513	5.613	4430		
	2	5.711	5.661	5.761	2490		
	3	6.113	6.063	6.163	3170		
	4	6.341	6.291	6.391	2690		
COLUMN 2	5	6.758	6.708	6.808	2990	3200	3.17

Alliance TECHNICAL GROUP
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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
P001-SS014-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-17 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110686.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	344		
	2	5.015	4.965	5.065	348		
	3	5.229	5.179	5.279	326		
COLUMN 1	4	5.584	5.534	5.634	495		
	5	5.625	5.575	5.675	477	398	
	1	4.763	4.713	4.813	323		
	2	4.999	4.949	5.049	353		
	3	5.041	4.991	5.091	329		
	4	5.212	5.162	5.262	284		
COLUMN 2	5	5.603	5.553	5.653	459	350	12.83
Aroclor-1254	1	5.584	5.534	5.634	462		
	2	5.733	5.683	5.783	377		
	3	6.137	6.087	6.187	394		
COLUMN 1	4	6.366	6.316	6.416	307		
	5	6.786	6.736	6.836	519	412	
	1	5.562	5.512	5.612	454		
	2	5.71	5.66	5.76	297		
	3	6.112	6.062	6.162	401		
	4	6.34	6.29	6.39	312		
COLUMN 2	5	6.756	6.706	6.806	501	393	4.72

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS015-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-18 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110687.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	47.7		
	2	5.015	4.965	5.065	87.7		
	3	5.229	5.179	5.279	60.8		
COLUMN 1	4	5.584	5.534	5.634	105		
	5	5.625	5.575	5.675	57.3	71.7	
	1	4.762	4.712	4.812	47.1		
	2	4.999	4.949	5.049	88.1		
	3	5.04	4.99	5.09	55.6		
	4	5.211	5.161	5.261	57.2		
COLUMN 2	5	5.603	5.553	5.653	52.6	60.1	17.6
Aroclor-1254	1	5.584	5.534	5.634	98.0		
	2	5.733	5.683	5.783	105		
	3	6.138	6.088	6.188	125		
COLUMN 1	4	6.367	6.317	6.417	50.6		
	5	6.786	6.736	6.836	129	102	
	1	5.563	5.513	5.613	96.5		
	2	5.71	5.66	5.76	93.0		
	3	6.113	6.063	6.163	128		
	4	6.34	6.29	6.39	54.8		
COLUMN 2	5	6.757	6.707	6.807	126	99.7	2.28

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS010-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-13 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110708.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.583	5.533	5.633	46.5		
	2	5.732	5.682	5.782	40.8		
	3	6.136	6.086	6.186	65.4		
COLUMN 1	4	6.365	6.315	6.415	37.0		
	5	6.785	6.735	6.835	92.5	56.4	
	1	5.562	5.512	5.612	45.2		
	2	5.71	5.66	5.76	41.8		
	3	6.111	6.061	6.161	66.5		
	4	6.339	6.289	6.389	42.5		
COLUMN 2	5	6.757	6.707	6.807	91.3	57.4	1.76
Aroclor-1260	1	6.269	6.219	6.319	83.4		
	2	6.458	6.408	6.508	61.4		
	3	6.824	6.774	6.874	40.2		
COLUMN 1	4	7.084	7.034	7.134	47.6		
	5	7.326	7.276	7.376	40.5	54.6	
	1	6.243	6.193	6.293	81.1		
	2	6.43	6.38	6.48	54.9		
	3	6.582	6.532	6.632	54.8		
	4	7.054	7.004	7.104	41.6		
COLUMN 2	5	7.295	7.245	7.345	40.7	54.6	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS009-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-12DL Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110709.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	8810		
	2	5.014	4.964	5.064	9730		
	3	5.229	5.179	5.279	8910		
COLUMN 1	4	5.583	5.533	5.633	10000		
	5	5.625	5.575	5.675	9390	9400	
	1	4.763	4.713	4.813	8360		
	2	4.999	4.949	5.049	9300		
	3	5.041	4.991	5.091	8520		
	4	5.211	5.161	5.261	8240		
COLUMN 2	5	5.603	5.553	5.653	8800	8600	8.89
Aroclor-1254	1	5.583	5.533	5.633	9350		
	2	5.732	5.682	5.782	6530		
	3	6.137	6.087	6.187	6480		
COLUMN 1	4	6.367	6.317	6.417	5360		
	5	6.786	6.736	6.836	6020	6700	
	1	5.562	5.512	5.612	8800		
	2	5.711	5.661	5.761	5620		
	3	6.112	6.062	6.162	6300		
	4	6.34	6.29	6.39	5340		
COLUMN 2	5	6.757	6.707	6.807	5870	6400	4.58

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS012-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-15DL Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110710.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.777	4.727	4.827	8080		
	2	5.015	4.965	5.065	6770		
	3	5.229	5.179	5.279	6880		
COLUMN 1	4	5.584	5.534	5.634	6730		
	5	5.625	5.575	5.675	6790	7000	
	1	4.762	4.712	4.812	7540		
	2	4.998	4.948	5.048	6420		
	3	5.04	4.99	5.09	6440		
	4	5.211	5.161	5.261	6550		
COLUMN 2	5	5.603	5.553	5.653	6400	6700	4.38
Aroclor-1254	1	5.584	5.534	5.634	6270		
	2	5.733	5.683	5.783	3530		
	3	6.138	6.088	6.188	3830		
COLUMN 1	4	6.367	6.317	6.417	3000		
	5	6.786	6.736	6.836	3110	3900	
	1	5.562	5.512	5.612	5910		
	2	5.71	5.66	5.76	3250		
	3	6.112	6.062	6.162	3690		
	4	6.34	6.29	6.39	3000		
COLUMN 2	5	6.756	6.706	6.806	3020	3800	2.6

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS013-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-16DL Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110712.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	4880		
	2	5.014	4.964	5.064	5010		
	3	5.229	5.179	5.279	4830		
COLUMN 1	4	5.583	5.533	5.633	5460		
	5	5.625	5.575	5.675	5180	5100	
	1	4.762	4.712	4.812	4620		
	2	4.999	4.949	5.049	4700		
	3	5.04	4.99	5.09	4440		
	4	5.211	5.161	5.261	4640		
COLUMN 2	5	5.603	5.553	5.653	4870	4700	8.16
Aroclor-1254	1	5.583	5.533	5.633	5090		
	2	5.733	5.683	5.783	3210		
	3	6.137	6.087	6.187	3510		
COLUMN 1	4	6.367	6.317	6.417	2870		
	5	6.786	6.736	6.836	2920	3500	
	1	5.562	5.512	5.612	4790		
	2	5.71	5.66	5.76	2970		
	3	6.112	6.062	6.162	3370		
	4	6.34	6.29	6.39	2880		
COLUMN 2	5	6.756	6.706	6.806	2860	3400	2.9

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167737BS

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: PB167737BS Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110726.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.776	4.726	4.826	157		
	2	4.795	4.745	4.845	158		
	3	4.852	4.802	4.902	154		
COLUMN 1	4	4.972	4.922	5.022	157		
	5	5.23	5.18	5.28	150	155	
	1	4.762	4.712	4.812	143		
	2	4.781	4.731	4.831	144		
	3	4.956	4.906	5.006	140		
	4	4.998	4.948	5.048	137		
COLUMN 2	5	5.211	5.161	5.261	135	140	10.17
Aroclor-1260	1	6.269	6.219	6.319	162		
	2	6.458	6.408	6.508	159		
	3	6.826	6.776	6.876	136		
COLUMN 1	4	7.086	7.036	7.136	146		
	5	7.328	7.278	7.378	139	148	
	1	6.242	6.192	6.292	148		
	2	6.43	6.38	6.48	145		
	3	6.582	6.532	6.632	145		
	4	7.053	7.003	7.103	133		
COLUMN 2	5	7.295	7.245	7.345	127	140	5.56

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS016-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-19 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110727.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	776		
	2	5.015	4.965	5.065	979		
	3	5.229	5.179	5.279	893		
COLUMN 1	4	5.584	5.534	5.634	1060		
	5	5.625	5.575	5.675	955	932	
	1	4.763	4.713	4.813	741		
	2	4.999	4.949	5.049	925		
	3	5.041	4.991	5.091	802		
	4	5.212	5.162	5.262	871		
COLUMN 2	5	5.604	5.554	5.654	918	851	9.09
Aroclor-1254	1	5.584	5.534	5.634	984		
	2	5.733	5.683	5.783	620		
	3	6.138	6.088	6.188	728		
COLUMN 1	4	6.367	6.317	6.417	582		
	5	6.786	6.736	6.836	758	734	
	1	5.563	5.513	5.613	937		
	2	5.711	5.661	5.761	579		
	3	6.113	6.063	6.163	712		
	4	6.34	6.29	6.39	590		
COLUMN 2	5	6.757	6.707	6.807	743	712	3.04

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
P001-SS016-01MS

Contract: ROYF02
Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860
Lab Sample ID: Q1860-20MS Date(s) Analyzed: 04/25/2025 04/25/2025
Instrument ID (1): ECD_O Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO110728.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.777	4.727	4.827	804		
	2	4.796	4.746	4.846	1180		
	3	4.852	4.802	4.902	355		
COLUMN 1	4	4.973	4.923	5.023	1150		
	5	5.23	5.18	5.28	1740	1000	
	1	4.763	4.713	4.813	770		
	2	4.782	4.732	4.832	1150		
	3	4.958	4.908	5.008	1100		
	4	4.999	4.949	5.049	1870		
COLUMN 2	5	5.211	5.161	5.261	1660	1300	26.09
Aroclor-1248	1	4.777	4.727	4.827	1240		
	2	5.015	4.965	5.065	1360		
	3	5.23	5.18	5.28	1270		
COLUMN 1	4	5.584	5.534	5.634	1520		
	5	5.625	5.575	5.675	1380	1400	
	1	4.763	4.713	4.813	1170		
	2	4.999	4.949	5.049	1310		
	3	5.041	4.991	5.091	1160		
	4	5.211	5.161	5.261	1210		
COLUMN 2	5	5.604	5.554	5.654	1340	1200	15.38

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1254	1	5.584	5.534	5.634	1420		
	2	5.733	5.683	5.783	904		
	3	6.138	6.088	6.188	1050		
COLUMN 1	4	6.368	6.318	6.418	794		
	5	6.786	6.736	6.836	1040	1000	
	1	5.563	5.513	5.613	1360		
	2	5.71	5.66	5.76	829		
	3	6.113	6.063	6.163	1030		
	4	6.34	6.29	6.39	807		
COLUMN 2	5	6.757	6.707	6.807	1010	1000	0
Aroclor-1260	1	6.27	6.22	6.32	965		
	2	6.459	6.409	6.509	677		
	3	6.825	6.775	6.875	406		
COLUMN 1	4	7.085	7.035	7.135	392		
	5	7.327	7.277	7.377	460	580	
	1	6.243	6.193	6.293	918		
	2	6.43	6.38	6.48	622		
	3	6.583	6.533	6.633	658		
	4	7.054	7.004	7.104	363		
COLUMN 2	5	7.295	7.245	7.345	602	633	8.74

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS016-01MSD

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-21MSD Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110729.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.775	4.725	4.825	796		
	2	4.795	4.745	4.845	1230		
	3	4.85	4.8	4.9	309		
COLUMN 1	4	4.972	4.922	5.022	1190		
	5	5.229	5.179	5.279	1870	1100	
	1	4.762	4.712	4.812	779		
	2	4.781	4.731	4.831	1200		
	3	4.958	4.908	5.008	1150		
	4	4.998	4.948	5.048	2040		
COLUMN 2	5	5.211	5.161	5.261	1800	1400	24
Aroclor-1248	1	4.775	4.725	4.825	1230		
	2	5.014	4.964	5.064	1480		
	3	5.229	5.179	5.279	1360		
COLUMN 1	4	5.583	5.533	5.633	1700		
	5	5.624	5.574	5.674	1420	1400	
	1	4.762	4.712	4.812	1190		
	2	4.998	4.948	5.048	1430		
	3	5.04	4.99	5.09	1220		
	4	5.211	5.161	5.261	1330		
COLUMN 2	5	5.603	5.553	5.653	1380	1300	7.41

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1254	1	5.583	5.533	5.633	1590		
	2	5.732	5.682	5.782	1020		
	3	6.136	6.086	6.186	1140		
COLUMN 1	4	6.366	6.316	6.416	870		
	5	6.785	6.735	6.835	1100	1100	
	1	5.562	5.512	5.612	1550		
	2	5.71	5.66	5.76	938		
	3	6.112	6.062	6.162	1130		
	4	6.339	6.289	6.389	886		
COLUMN 2	5	6.756	6.706	6.806	1080	1100	0
Aroclor-1260	1	6.269	6.219	6.319	1010		
	2	6.457	6.407	6.507	699		
	3	6.823	6.773	6.873	388		
COLUMN 1	4	7.084	7.034	7.134	373		
	5	7.327	7.277	7.377	378	570	
	1	6.243	6.193	6.293	971		
	2	6.43	6.38	6.48	636		
	3	6.582	6.532	6.632	669		
	4	7.053	7.003	7.103	347		
COLUMN 2	5	7.294	7.244	7.344	588	643	12.04

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS020-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-26 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110730.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.583	5.533	5.633	1630		
	2	5.731	5.681	5.781	2050		
	3	6.137	6.087	6.187	2320		
COLUMN 1	4	6.366	6.316	6.416	1910		
	5	6.78	6.73	6.83	14600	4500	
	1	5.562	5.512	5.612	1600		
	2	5.709	5.659	5.759	1950		
	3	6.112	6.062	6.162	2260		
	4	6.338	6.288	6.388	1890		
COLUMN 2	5	6.755	6.705	6.805	21700	5900	26.92

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS021-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-27 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110731.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.584	5.534	5.634	282		
	2	5.733	5.683	5.783	288		
	3	6.137	6.087	6.187	420		
COLUMN 1	4	6.367	6.317	6.417	258		
	5	6.786	6.736	6.836	656	381	
	1	5.563	5.513	5.613	278		
	2	5.71	5.66	5.76	263		
	3	6.112	6.062	6.162	423		
	4	6.339	6.289	6.389	257		
COLUMN 2	5	6.756	6.706	6.806	656	376	1.32

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS022-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-28 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110732.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.584	5.534	5.634	142		
	2	5.733	5.683	5.783	141		
	3	6.137	6.087	6.187	219		
COLUMN 1	4	6.366	6.316	6.416	113		
	5	6.786	6.736	6.836	368	196	
	1	5.563	5.513	5.613	146		
	2	5.71	5.66	5.76	132		
	3	6.112	6.062	6.162	231		
	4	6.34	6.29	6.39	122		
COLUMN 2	5	6.756	6.706	6.806	383	203	3.51

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS023-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-29 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110733.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.583	5.533	5.633	253		
	2	5.732	5.682	5.782	268		
	3	6.137	6.087	6.187	391		
COLUMN 1	4	6.366	6.316	6.416	215		
	5	6.785	6.735	6.835	903	406	
	1	5.562	5.512	5.612	257		
	2	5.71	5.66	5.76	234		
	3	6.112	6.062	6.162	405		
	4	6.34	6.29	6.39	231		
COLUMN 2	5	6.756	6.706	6.806	922	410	0.98

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS024-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-30 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110734.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.583	5.533	5.633	233		
	2	5.732	5.682	5.782	327		
	3	6.137	6.087	6.187	375		
COLUMN 1	4	6.367	6.317	6.417	299		
	5	6.785	6.735	6.835	501	347	
	1	5.562	5.512	5.612	226		
	2	5.71	5.66	5.76	261		
	3	6.112	6.062	6.162	381		
	4	6.339	6.289	6.389	315		
COLUMN 2	5	6.756	6.706	6.806	503	337	2.92

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS025-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-31 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110740.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.584	5.534	5.634	772		
	2	5.733	5.683	5.783	861		
	3	6.138	6.088	6.188	1320		
COLUMN 1	4	6.368	6.318	6.418	801		
	5	6.787	6.737	6.837	2130	1200	
	1	5.563	5.513	5.613	777		
	2	5.711	5.661	5.761	840		
	3	6.113	6.063	6.163	1340		
	4	6.341	6.291	6.391	839		
COLUMN 2	5	6.757	6.707	6.807	2130	1200	0
Aroclor-1260	1	6.27	6.22	6.32	1460		
	2	6.459	6.409	6.509	1400		
	3	6.825	6.775	6.875	971		
COLUMN 1	4	7.086	7.036	7.136	938		
	5	7.328	7.278	7.378	1210	1200	
	1	6.243	6.193	6.293	1430		
	2	6.431	6.381	6.481	1340		
	3	6.583	6.533	6.633	1280		
	4	7.055	7.005	7.105	862		
COLUMN 2	5	7.296	7.246	7.346	1100	1200	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS026-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-32 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110741.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.583	5.533	5.633	1510		
	2	5.734	5.684	5.784	3480		
	3	6.138	6.088	6.188	2370		
COLUMN 1	4	6.368	6.318	6.418	1620		
	5	6.787	6.737	6.837	8940	3600	
	1	5.563	5.513	5.613	1470		
	2	5.711	5.661	5.761	2270		
	3	6.113	6.063	6.163	2390		
	4	6.342	6.292	6.392	1710		
COLUMN 2	5	6.756	6.706	6.806	11400	3800	5.41

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS028-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-34 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110743.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	1180		
	2	5.015	4.965	5.065	1960		
	3	5.229	5.179	5.279	1700		
COLUMN 1	4	5.584	5.534	5.634	2480		
	5	5.625	5.575	5.675	1930	1800	
	1	4.763	4.713	4.813	1160		
	2	4.999	4.949	5.049	1940		
	3	5.04	4.99	5.09	1580		
	4	5.211	5.161	5.261	1630		
COLUMN 2	5	5.604	5.554	5.654	1960	1700	5.71
Aroclor-1254	1	5.584	5.534	5.634	2310		
	2	5.733	5.683	5.783	1830		
	3	6.138	6.088	6.188	2450		
COLUMN 1	4	6.368	6.318	6.418	1380		
	5	6.786	6.736	6.836	6800	3000	
	1	5.563	5.513	5.613	2310		
	2	5.711	5.661	5.761	1750		
	3	6.113	6.063	6.163	2540		
	4	6.34	6.29	6.39	1470		
COLUMN 2	5	6.757	6.707	6.807	6880	3000	0

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.27	6.22	6.32	2600		
	2	6.459	6.409	6.509	2320		
	3	6.826	6.776	6.876	1600		
COLUMN 1	4	7.085	7.035	7.135	1590		
	5	7.328	7.278	7.378	1820	2000	
	1	6.243	6.193	6.293	2540		
	2	6.431	6.381	6.481	2130		
	3	6.583	6.533	6.633	2070		
	4	7.055	7.005	7.105	1470		
COLUMN 2	5	7.296	7.246	7.346	2220	2100	4.88

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS030-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-36 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110745.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.774	4.724	4.824	1440		
	2	5.015	4.965	5.065	2260		
	3	5.23	5.18	5.28	2110		
COLUMN 1	4	5.584	5.534	5.634	3060		
	5	5.625	5.575	5.675	1810	2100	
	1	4.76	4.71	4.81	1420		
	2	4.999	4.949	5.049	2440		
	3	5.041	4.991	5.091	1690		
	4	5.212	5.162	5.262	1920		
COLUMN 2	5	5.604	5.554	5.654	1850	1900	10
Aroclor-1254	1	5.584	5.534	5.634	2860		
	2	5.734	5.684	5.784	2860		
	3	6.139	6.089	6.189	3580		
COLUMN 1	4	6.367	6.317	6.417	2070		
	5	6.787	6.737	6.837	4600	3200	
	1	5.564	5.514	5.614	2910		
	2	5.711	5.661	5.761	2660		
	3	6.114	6.064	6.164	3690		
	4	6.341	6.291	6.391	2250		
COLUMN 2	5	6.758	6.708	6.808	4780	3300	3.08

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.27	6.22	6.32	3910		
	2	6.46	6.41	6.51	3600		
	3	6.826	6.776	6.876	2580		
COLUMN 1	4	7.086	7.036	7.136	2450		
	5	7.328	7.278	7.378	2780	3100	
	1	6.244	6.194	6.294	3920		
	2	6.431	6.381	6.481	3540		
	3	6.584	6.534	6.634	3270		
	4	7.056	7.006	7.106	2390		
COLUMN 2	5	7.297	7.247	7.347	4350	3500	12.12

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS031-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-37 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110746.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.584	5.534	5.634	6890		
	2	5.734	5.684	5.784	6730		
	3	6.138	6.088	6.188	7420		
COLUMN 1	4	6.368	6.318	6.418	6700		
	5	6.788	6.738	6.838	8230	7200	
	1	5.563	5.513	5.613	6980		
	2	5.711	5.661	5.761	6540		
	3	6.114	6.064	6.164	8520		
	4	6.342	6.292	6.392	7200		
COLUMN 2	5	6.758	6.708	6.808	9450	7700	6.71

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS032-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-38 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110747.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.777	4.727	4.827	1330		
	2	5.015	4.965	5.065	2230		
	3	5.23	5.18	5.28	1870		
COLUMN 1	4	5.584	5.534	5.634	3090		
	5	5.625	5.575	5.675	2220	2100	
	1	4.763	4.713	4.813	1360		
	2	4.999	4.949	5.049	2250		
	3	5.041	4.991	5.091	1770		
	4	5.211	5.161	5.261	1880		
COLUMN 2	5	5.603	5.553	5.653	2210	1900	10
Aroclor-1254	1	5.584	5.534	5.634	2880		
	2	5.733	5.683	5.783	2600		
	3	6.138	6.088	6.188	3210		
COLUMN 1	4	6.367	6.317	6.417	2620		
	5	6.787	6.737	6.837	12400	4700	
	1	5.563	5.513	5.613	2860		
	2	5.711	5.661	5.761	2420		
	3	6.113	6.063	6.163	3320		
	4	6.341	6.291	6.391	2770		
COLUMN 2	5	6.757	6.707	6.807	15100	5300	12

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
P001-SS033-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-39 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110748.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	3330		
	2	5.014	4.964	5.064	3670		
	3	5.23	5.18	5.28	3570		
COLUMN 1	4	5.584	5.534	5.634	4790		
	5	5.625	5.575	5.675	4400	3900	
	1	4.763	4.713	4.813	3300		
	2	4.999	4.949	5.049	3800		
	3	5.041	4.991	5.091	3380		
	4	5.211	5.161	5.261	3560		
COLUMN 2	5	5.604	5.554	5.654	4310	3700	5.26
Aroclor-1254	1	5.584	5.534	5.634	4460		
	2	5.733	5.683	5.783	3160		
	3	6.138	6.088	6.188	3590		
COLUMN 1	4	6.367	6.317	6.417	2740		
	5	6.786	6.736	6.836	4220	3600	
	1	5.563	5.513	5.613	4420		
	2	5.711	5.661	5.761	2800		
	3	6.112	6.062	6.162	3650		
	4	6.341	6.291	6.391	2930		
COLUMN 2	5	6.757	6.707	6.807	4280	3600	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS034-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-40 Date(s) Analyzed: 04/25/2025 04/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110749.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.777	4.727	4.827	835		
	2	5.015	4.965	5.065	1960		
	3	5.23	5.18	5.28	1430		
COLUMN 1	4	5.584	5.534	5.634	2650		
	5	5.625	5.575	5.675	1830	1700	
	1	4.763	4.713	4.813	812		
	2	4.999	4.949	5.049	1920		
	3	5.04	4.99	5.09	1530		
	4	5.212	5.162	5.262	1430		
COLUMN 2	5	5.604	5.554	5.654	1820	1500	12.5
Aroclor-1254	1	5.584	5.534	5.634	2470		
	2	5.734	5.684	5.784	2480		
	3	6.138	6.088	6.188	3120		
COLUMN 1	4	6.368	6.318	6.418	2220		
	5	6.787	6.737	6.837	2960	2700	
	1	5.563	5.513	5.613	2460		
	2	5.711	5.661	5.761	2320		
	3	6.113	6.063	6.163	3120		
	4	6.341	6.291	6.391	2310		
COLUMN 2	5	6.758	6.708	6.808	2990	2600	3.77

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS035-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-41 Date(s) Analyzed: 04/26/2025 04/26/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110758.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	1420		
	2	5.014	4.964	5.064	2810		
	3	5.229	5.179	5.279	2110		
COLUMN 1	4	5.583	5.533	5.633	3880		
	5	5.624	5.574	5.674	2420	2500	
	1	4.762	4.712	4.812	1420		
	2	4.998	4.948	5.048	2790		
	3	5.041	4.991	5.091	1910		
	4	5.211	5.161	5.261	2230		
COLUMN 2	5	5.603	5.553	5.653	2390	2100	17.39
Aroclor-1254	1	5.583	5.533	5.633	3610		
	2	5.732	5.682	5.782	3020		
	3	6.137	6.087	6.187	3590		
COLUMN 1	4	6.367	6.317	6.417	2890		
	5	6.786	6.736	6.836	6290	3900	
	1	5.562	5.512	5.612	3590		
	2	5.71	5.66	5.76	2880		
	3	6.113	6.063	6.163	3600		
	4	6.34	6.29	6.39	3000		
COLUMN 2	5	6.757	6.707	6.807	6450	3900	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS016-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-19DL Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110788.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	835		
	2	5.013	4.963	5.063	1110		
	3	5.227	5.177	5.277	949		
COLUMN 1	4	5.581	5.531	5.631	1060		
	5	5.623	5.573	5.673	976	986	
	1	4.761	4.711	4.811	758		
	2	4.997	4.947	5.047	996		
	3	5.038	4.988	5.088	835		
	4	5.209	5.159	5.259	874		
COLUMN 2	5	5.601	5.551	5.651	889	870	12.5
Aroclor-1254	1	5.581	5.531	5.631	989		
	2	5.731	5.681	5.781	664		
	3	6.135	6.085	6.185	723		
COLUMN 1	4	6.364	6.314	6.414	594		
	5	6.783	6.733	6.833	654	725	
	1	5.56	5.51	5.61	902		
	2	5.708	5.658	5.758	600		
	3	6.109	6.059	6.159	678		
	4	6.337	6.287	6.387	572		
COLUMN 2	5	6.754	6.704	6.804	629	676	7

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS020-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-26DL Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110789.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.583	5.533	5.633	1780		
	2	5.732	5.682	5.782	2420		
	3	6.137	6.087	6.187	2100		
COLUMN 1	4	6.366	6.316	6.416	1920		
	5	6.784	6.734	6.834	14500	4500	
	1	5.562	5.512	5.612	1620		
	2	5.709	5.659	5.759	2140		
	3	6.112	6.062	6.162	1970		
	4	6.339	6.289	6.389	1820		
COLUMN 2	5	6.755	6.705	6.805	13500	4200	6.9

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS021-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-27DL Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110790.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.583	5.533	5.633	315		
	2	5.731	5.681	5.781	324		
	3	6.137	6.087	6.187	456		
COLUMN 1	4	6.366	6.316	6.416	291		
	5	6.785	6.735	6.835	614	400	
	1	5.561	5.511	5.611	293		
	2	5.709	5.659	5.759	294		
	3	6.111	6.061	6.161	432		
	4	6.338	6.288	6.388	271		
COLUMN 2	5	6.755	6.705	6.805	585	375	6.45

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS023-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-29DL Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110791.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.583	5.533	5.633	261		
	2	5.732	5.682	5.782	282		
	3	6.137	6.087	6.187	384		
COLUMN 1	4	6.366	6.316	6.416	219		
	5	6.785	6.735	6.835	660	361	
	1	5.561	5.511	5.611	242		
	2	5.709	5.659	5.759	248		
	3	6.111	6.061	6.161	375		
	4	6.339	6.289	6.389	209		
COLUMN 2	5	6.755	6.705	6.805	640	343	5.11

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS025-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-31DL Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110792.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.582	5.532	5.632	848		
	2	5.731	5.681	5.781	983		
	3	6.137	6.087	6.187	1380		
COLUMN 1	4	6.366	6.316	6.416	849		
	5	6.785	6.735	6.835	2090	1200	
	1	5.561	5.511	5.611	818		
	2	5.709	5.659	5.759	904		
	3	6.11	6.06	6.16	1350		
	4	6.338	6.288	6.388	856		
COLUMN 2	5	6.755	6.705	6.805	2010	1200	0
Aroclor-1260	1	6.268	6.218	6.318	1560		
	2	6.457	6.407	6.507	1490		
	3	6.824	6.774	6.874	1010		
COLUMN 1	4	7.084	7.034	7.134	969		
	5	7.326	7.276	7.376	1130	1200	
	1	6.241	6.191	6.291	1480		
	2	6.429	6.379	6.479	1360		
	3	6.581	6.531	6.631	1300		
	4	7.052	7.002	7.102	905		
COLUMN 2	5	7.293	7.243	7.343	1370	1300	8

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS026-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-32DL Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110794.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.582	5.532	5.632	3290		
	2	5.732	5.682	5.782	3710		
	3	6.137	6.087	6.187	3320		
COLUMN 1	4	6.367	6.317	6.417	1890		
	5	6.784	6.734	6.834	11800	4800	
	1	5.562	5.512	5.612	2440		
	2	5.71	5.66	5.76	3060		
	3	6.112	6.062	6.162	3090		
	4	6.339	6.289	6.389	1830		
COLUMN 2	5	6.755	6.705	6.805	11100	4300	10.99

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS030-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-36DL Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110797.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.773	4.723	4.823	2140		
	2	5.013	4.963	5.063	2630		
	3	5.228	5.178	5.278	2710		
COLUMN 1	4	5.582	5.532	5.632	4040		
	5	5.623	5.573	5.673	2540	2800	
	1	4.759	4.709	4.809	1870		
	2	4.998	4.948	5.048	2560		
	3	5.039	4.989	5.089	2080		
	4	5.21	5.16	5.26	2440		
COLUMN 2	5	5.601	5.551	5.651	2210	2200	24
Aroclor-1254	1	5.582	5.532	5.632	3760		
	2	5.731	5.681	5.781	3980		
	3	6.137	6.087	6.187	4540		
COLUMN 1	4	6.366	6.316	6.416	2720		
	5	6.784	6.734	6.834	5350	4100	
	1	5.561	5.511	5.611	3420		
	2	5.709	5.659	5.759	3240		
	3	6.111	6.061	6.161	4190		
	4	6.338	6.288	6.388	2510		
COLUMN 2	5	6.755	6.705	6.805	4980	3700	10.26

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.268	6.218	6.318	5080		
	2	6.457	6.407	6.507	4710		
	3	6.823	6.773	6.873	3400		
COLUMN 1	4	7.083	7.033	7.133	3100		
	5	7.325	7.275	7.375	3290	3900	
	1	6.241	6.191	6.291	4550		
	2	6.429	6.379	6.479	4140		
	3	6.581	6.531	6.631	3730		
	4	7.052	7.002	7.102	2860		
COLUMN 2	5	7.293	7.243	7.343	3700	3800	2.6

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS032-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-38DL Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110805.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.773	4.723	4.823	1440		
	2	5.011	4.961	5.061	1950		
	3	5.226	5.176	5.276	1680		
COLUMN 1	4	5.58	5.53	5.63	2540		
	5	5.621	5.571	5.671	1830	1900	
	1	4.761	4.711	4.811	1390		
	2	4.997	4.947	5.047	1950		
	3	5.039	4.989	5.089	1660		
	4	5.21	5.16	5.26	1680		
COLUMN 2	5	5.601	5.551	5.651	1940	1700	11.11
Aroclor-1254	1	5.58	5.53	5.63	2360		
	2	5.73	5.68	5.78	2140		
	3	6.134	6.084	6.184	2690		
COLUMN 1	4	6.364	6.314	6.414	2150		
	5	6.782	6.732	6.832	9330	3700	
	1	5.561	5.511	5.611	2480		
	2	5.708	5.658	5.758	2170		
	3	6.111	6.061	6.161	2780		
	4	6.338	6.288	6.388	2370		
COLUMN 2	5	6.755	6.705	6.805	10000	4000	7.79

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS032-01DL2

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-38DL2 Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110806.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	1630		
	2	5.014	4.964	5.064	2500		
	3	5.229	5.179	5.279	2140		
COLUMN 1	4	5.584	5.534	5.634	3080		
	5	5.624	5.574	5.674	2630	2400	
	1	4.762	4.712	4.812	1370		
	2	4.998	4.948	5.048	2580		
	3	5.04	4.99	5.09	2510		
	4	5.211	5.161	5.261	1610		
COLUMN 2	5	5.603	5.553	5.653	2160	2000	18.18
Aroclor-1254	1	5.584	5.534	5.634	2870		
	2	5.733	5.683	5.783	3900		
	3	6.137	6.087	6.187	3130		
COLUMN 1	4	6.366	6.316	6.416	2280		
	5	6.784	6.734	6.834	8980	4200	
	1	5.561	5.511	5.611	2800		
	2	5.709	5.659	5.759	2510		
	3	6.111	6.061	6.161	3050		
	4	6.338	6.288	6.388	2990		
COLUMN 2	5	6.754	6.704	6.804	8640	4000	4.88

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
P001-SS033-01DL

Contract: ROYF02
Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860
Lab Sample ID: Q1860-39DL Date(s) Analyzed: 04/28/2025 04/28/2025
Instrument ID (1): ECD_O Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO110807.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	4090		
	2	5.014	4.964	5.064	4730		
	3	5.229	5.179	5.279	4630		
COLUMN 1	4	5.583	5.533	5.633	5710		
	5	5.624	5.574	5.674	5190	4900	
	1	4.762	4.712	4.812	3880		
	2	4.999	4.949	5.049	4480		
	3	5.04	4.99	5.09	3950		
	4	5.211	5.161	5.261	4220		
COLUMN 2	5	5.603	5.553	5.653	4720	4300	13.04
Aroclor-1254	1	5.583	5.533	5.633	5320		
	2	5.732	5.682	5.782	3700		
	3	6.137	6.087	6.187	3870		
COLUMN 1	4	6.367	6.317	6.417	3020		
	5	6.786	6.736	6.836	3860	4000	
	1	5.562	5.512	5.612	4860		
	2	5.71	5.66	5.76	3240		
	3	6.111	6.061	6.161	3900		
	4	6.339	6.289	6.389	3220		
COLUMN 2	5	6.756	6.706	6.806	3900	3800	5.13

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS034-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-40DL Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110808.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.776	4.726	4.826	1370		
	2	5.014	4.964	5.064	2790		
	3	5.229	5.179	5.279	2200		
COLUMN 1	4	5.583	5.533	5.633	3870		
	5	5.624	5.574	5.674	2800	2600	
	1	4.762	4.712	4.812	1370		
	2	4.998	4.948	5.048	2800		
	3	5.04	4.99	5.09	2400		
	4	5.211	5.161	5.261	2120		
COLUMN 2	5	5.602	5.552	5.652	2590	2300	12.24
Aroclor-1254	1	5.583	5.533	5.633	3600		
	2	5.732	5.682	5.782	3760		
	3	6.136	6.086	6.186	4140		
COLUMN 1	4	6.366	6.316	6.416	3000		
	5	6.785	6.735	6.835	3490	3600	
	1	5.561	5.511	5.611	3420		
	2	5.71	5.66	5.76	3340		
	3	6.112	6.062	6.162	4030		
	4	6.339	6.289	6.389	3060		
COLUMN 2	5	6.756	6.706	6.806	3560	3500	2.82

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS035-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-41DL Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110809.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.773	4.723	4.823	1800		
	2	5.011	4.961	5.061	3250		
	3	5.226	5.176	5.276	2520		
COLUMN 1	4	5.581	5.531	5.631	4310		
	5	5.622	5.572	5.672	2760	2900	
	1	4.761	4.711	4.811	1770		
	2	4.998	4.948	5.048	3140		
	3	5.039	4.989	5.089	2330		
	4	5.21	5.16	5.26	2550		
COLUMN 2	5	5.602	5.552	5.652	2640	2500	14.81
Aroclor-1254	1	5.581	5.531	5.631	4010		
	2	5.73	5.68	5.78	3460		
	3	6.135	6.085	6.185	4000		
COLUMN 1	4	6.364	6.314	6.414	3140		
	5	6.783	6.733	6.833	5740	4100	
	1	5.562	5.512	5.612	3860		
	2	5.709	5.659	5.759	3160		
	3	6.111	6.061	6.161	3750		
	4	6.339	6.289	6.389	3080		
COLUMN 2	5	6.755	6.705	6.805	5610	3900	5

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS035-01DL2

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-41DL2 Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110810.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.775	4.725	4.825	963		
	2	5.014	4.964	5.064	1920		
	3	5.228	5.178	5.278	1390		
COLUMN 1	4	5.584	5.534	5.634	3980		
	5	5.626	5.576	5.676	5530	2800	
	1	4.767	4.717	4.817	1430		
	2	5.003	4.953	5.053	3100		
	3	5.04	4.99	5.09	8260		
	4	5.21	5.16	5.26	1920		
COLUMN 2	5	5.603	5.553	5.653	1420	3200	13.33
Aroclor-1254	1	5.584	5.534	5.634	5050		
	2	5.734	5.684	5.784	9260		
	3	6.136	6.086	6.186	2230		
COLUMN 1	4	6.366	6.316	6.416	1620		
	5	6.784	6.734	6.834	2710	4200	
	1	5.562	5.512	5.612	2080		
	2	5.71	5.66	5.76	1620		
	3	6.111	6.061	6.161	1860		
	4	6.339	6.289	6.389	1490		
COLUMN 2	5	6.755	6.705	6.805	2360	1900	75.41

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
P001-SS017-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-22 Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110821.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.773	4.723	4.823	653		
	2	5.011	4.961	5.061	592		
	3	5.226	5.176	5.276	738		
COLUMN 1	4	5.58	5.53	5.63	1010		
	5	5.622	5.572	5.672	860	770	
	1	4.761	4.711	4.811	632		
	2	4.998	4.948	5.048	582		
	3	5.039	4.989	5.089	705		
	4	5.21	5.16	5.26	695		
COLUMN 2	5	5.601	5.551	5.651	836	690	10.96
Aroclor-1254	1	5.58	5.53	5.63	938		
	2	5.729	5.679	5.779	597		
	3	6.134	6.084	6.184	753		
COLUMN 1	4	6.363	6.313	6.413	615		
	5	6.782	6.732	6.832	893	759	
	1	5.561	5.511	5.611	906		
	2	5.709	5.659	5.759	579		
	3	6.111	6.061	6.161	742		
	4	6.338	6.288	6.388	591		
COLUMN 2	5	6.755	6.705	6.805	882	740	2.54

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS017-02

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-23 Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110822.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.775	4.725	4.825	538		
	2	5.014	4.964	5.064	432		
	3	5.229	5.179	5.279	609		
COLUMN 1	4	5.582	5.532	5.632	824		
	5	5.637	5.587	5.687	2220	925	
	1	4.762	4.712	4.812	500		
	2	4.999	4.949	5.049	424		
	3	5.04	4.99	5.09	592		
	4	5.211	5.161	5.261	600		
COLUMN 2	5	5.616	5.566	5.666	2150	853	8.1
Aroclor-1254	1	5.582	5.532	5.632	768		
	2	5.731	5.681	5.781	600		
	3	6.136	6.086	6.186	617		
COLUMN 1	4	6.366	6.316	6.416	478		
	5	6.784	6.734	6.834	693	631	
	1	5.562	5.512	5.612	729		
	2	5.71	5.66	5.76	458		
	3	6.111	6.061	6.161	586		
	4	6.339	6.289	6.389	435		
COLUMN 2	5	6.755	6.705	6.805	628	567	10.68

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS018-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-24 Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110823.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.582	5.532	5.632	66.6		
	2	5.731	5.681	5.781	74.7		
	3	6.136	6.086	6.186	77.0		
COLUMN 1	4	6.365	6.315	6.415	54.8		
	5	6.784	6.734	6.834	109	76.3	
	1	5.561	5.511	5.611	64.2		
	2	5.71	5.66	5.76	78.3		
	3	6.111	6.061	6.161	72.7		
	4	6.339	6.289	6.389	55.9		
COLUMN 2	5	6.755	6.705	6.805	110	76.3	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS019-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-25 Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110824.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.582	5.532	5.632	272		
	2	5.731	5.681	5.781	317		
	3	6.136	6.086	6.186	422		
COLUMN 1	4	6.366	6.316	6.416	297		
	5	6.784	6.734	6.834	865	435	
	1	5.561	5.511	5.611	267		
	2	5.709	5.659	5.759	295		
	3	6.111	6.061	6.161	423		
	4	6.339	6.289	6.389	307		
COLUMN 2	5	6.755	6.705	6.805	868	432	0.69
Aroclor-1260	1	6.268	6.218	6.318	391		
	2	6.457	6.407	6.507	331		
	3	6.823	6.773	6.873	178		
COLUMN 1	4	7.084	7.034	7.134	190		
	5	7.326	7.276	7.376	240	266	
	1	6.241	6.191	6.291	377		
	2	6.429	6.379	6.479	309		
	3	6.581	6.531	6.631	325		
	4	7.052	7.002	7.102	181		
COLUMN 2	5	7.293	7.243	7.343	291	297	11.01

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS017-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-22DL Date(s) Analyzed: 04/29/2025 04/29/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110826.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.775	4.725	4.825	605		
	2	5.012	4.962	5.062	609		
	3	5.227	5.177	5.277	793		
COLUMN 1	4	5.581	5.531	5.631	924		
	5	5.623	5.573	5.673	814	749	
	1	4.761	4.711	4.811	581		
	2	4.998	4.948	5.048	606		
	3	5.04	4.99	5.09	657		
	4	5.211	5.161	5.261	696		
COLUMN 2	5	5.601	5.551	5.651	733	655	13.39
Aroclor-1254	1	5.581	5.531	5.631	861		
	2	5.731	5.681	5.781	611		
	3	6.136	6.086	6.186	643		
COLUMN 1	4	6.365	6.315	6.415	523		
	5	6.784	6.734	6.834	675	663	
	1	5.56	5.51	5.61	786		
	2	5.708	5.658	5.758	541		
	3	6.11	6.06	6.16	617		
	4	6.338	6.288	6.388	496		
COLUMN 2	5	6.754	6.704	6.804	661	620	6.7

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS017-02DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-23DL Date(s) Analyzed: 04/29/2025 04/29/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110827.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248							
	1	4.775	4.725	4.825	510		
	2	5.014	4.964	5.064	459		
	3	5.228	5.178	5.278	574		
COLUMN 1	4	5.582	5.532	5.632	805		
	5	5.637	5.587	5.687	2040	878	
	1	4.762	4.712	4.812	482		
	2	4.999	4.949	5.049	460		
	3	5.04	4.99	5.09	565		
	4	5.21	5.16	5.26	525		
COLUMN 2	5	5.616	5.566	5.666	1830	773	12.72
Aroclor-1254							
	1	5.582	5.532	5.632	656		
	2	5.731	5.681	5.781	523		
	3	6.136	6.086	6.186	505		
COLUMN 1	4	6.365	6.315	6.415	399		
	5	6.785	6.735	6.835	540	525	
	1	5.561	5.511	5.611	667		
	2	5.709	5.659	5.759	458		
	3	6.111	6.061	6.161	510		
	4	6.339	6.289	6.389	382		
COLUMN 2	5	6.755	6.705	6.805	491	501	4.68

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS019-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-25DL Date(s) Analyzed: 04/29/2025 04/29/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110837.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.583	5.533	5.633	304		
	2	5.732	5.682	5.782	353		
	3	6.137	6.087	6.187	449		
COLUMN 1	4	6.366	6.316	6.416	322		
	5	6.785	6.735	6.835	746	435	
	1	5.562	5.512	5.612	282		
	2	5.709	5.659	5.759	322		
	3	6.112	6.062	6.162	429		
	4	6.339	6.289	6.389	313		
COLUMN 2	5	6.755	6.705	6.805	740	417	4.23
Aroclor-1260	1	6.268	6.218	6.318	435		
	2	6.457	6.407	6.507	360		
	3	6.823	6.773	6.873	209		
COLUMN 1	4	7.084	7.034	7.134	200		
	5	7.326	7.276	7.376	237	288	
	1	6.242	6.192	6.292	405		
	2	6.43	6.38	6.48	318		
	3	6.581	6.531	6.631	337		
	4	7.053	7.003	7.103	194		
COLUMN 2	5	7.294	7.244	7.344	236	298	3.41

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS031-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-37DL Date(s) Analyzed: 04/29/2025 04/29/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110838.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.583	5.533	5.633	8740		
	2	5.731	5.681	5.781	8630		
	3	6.137	6.087	6.187	10100		
COLUMN 1	4	6.366	6.316	6.416	8320		
	5	6.785	6.735	6.835	9890	9100	
	1	5.561	5.511	5.611	8240		
	2	5.709	5.659	5.759	7860		
	3	6.111	6.061	6.161	9600		
	4	6.339	6.289	6.389	8070		
COLUMN 2	5	6.755	6.705	6.805	9770	8700	4.49

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS031-01DL2

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-37DL2 Date(s) Analyzed: 04/29/2025 04/29/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO110839.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.582	5.532	5.632	8570		
	2	5.731	5.681	5.781	9420		
	3	6.136	6.086	6.186	9850		
COLUMN 1	4	6.365	6.315	6.415	8100		
	5	6.785	6.735	6.835	9670	9100	
	1	5.561	5.511	5.611	8160		
	2	5.709	5.659	5.759	7840		
	3	6.111	6.061	6.161	9060		
	4	6.339	6.289	6.389	7550		
COLUMN 2	5	6.755	6.705	6.805	8850	8300	9.2

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
P001-SS028-01DL

Contract: ROYF02
Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860
Lab Sample ID: Q1860-34DL Date(s) Analyzed: 04/29/2025 04/29/2025
Instrument ID (1): ECD_O Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO110855.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.775	4.725	4.825	1480		
	2	5.013	4.963	5.063	2130		
	3	5.228	5.178	5.278	2040		
COLUMN 1	4	5.582	5.532	5.632	2820		
	5	5.624	5.574	5.674	2210	2100	
	1	4.761	4.711	4.811	1410		
	2	4.998	4.948	5.048	2080		
	3	5.039	4.989	5.089	1870		
	4	5.21	5.16	5.26	1970		
COLUMN 2	5	5.602	5.552	5.652	2120	1900	10
Aroclor-1254	1	5.582	5.532	5.632	2620		
	2	5.731	5.681	5.781	2130		
	3	6.136	6.086	6.186	2740		
COLUMN 1	4	6.366	6.316	6.416	1590		
	5	6.784	6.734	6.834	5340	2900	
	1	5.561	5.511	5.611	2490		
	2	5.709	5.659	5.759	2010		
	3	6.11	6.06	6.16	2630		
	4	6.338	6.288	6.388	1540		
COLUMN 2	5	6.754	6.704	6.804	5080	2800	3.51

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.267	6.217	6.317	3080		
	2	6.457	6.407	6.507	2720		
	3	6.823	6.773	6.873	1880		
COLUMN 1	4	7.084	7.034	7.134	1800		
	5	7.326	7.276	7.376	1880	2300	
	1	6.241	6.191	6.291	2840		
	2	6.428	6.378	6.478	2330		
	3	6.58	6.53	6.63	2270		
	4	7.051	7.001	7.101	1690		
COLUMN 2	5	7.293	7.243	7.343	1780	2200	4.44

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167721BS

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: PB167721BS Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071429.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.666	5.616	5.716	141		
	2	5.688	5.638	5.738	141		
	3	5.75	5.7	5.8	139		
COLUMN 1	4	5.847	5.797	5.897	141		
	5	6.14	6.09	6.19	136	140	
	1	4.897	4.847	4.947	133		
	2	4.916	4.866	4.966	135		
	3	5.092	5.042	5.142	135		
	4	5.134	5.084	5.184	136		
COLUMN 2	5	5.348	5.298	5.398	131	134	4.38
Aroclor-1260	1	7.258	7.208	7.308	147		
	2	7.512	7.462	7.562	147		
	3	7.871	7.821	7.921	131		
COLUMN 1	4	8.095	8.045	8.145	138		
	5	8.415	8.365	8.465	134	139	
	1	6.383	6.333	6.433	145		
	2	6.571	6.521	6.621	145		
	3	6.724	6.674	6.774	146		
	4	7.195	7.145	7.245	130		
COLUMN 2	5	7.436	7.386	7.486	129	139	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS001-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-01 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071430.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.258	7.208	7.308	45.9		
	2	7.513	7.463	7.563	81.7		
	3	7.872	7.822	7.922	36.7		
COLUMN 1	4	8.082	8.032	8.132	94.4		
	5	8.415	8.365	8.465	34.4	58.6	
	1	6.383	6.333	6.433	52.9		
	2	6.57	6.52	6.62	64.9		
	3	6.722	6.672	6.772	57.5		
	4	7.194	7.144	7.244	34.5		
COLUMN 2	5	7.435	7.385	7.485	32.4	48.4	19.07

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS001-01MS

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-02MS Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071431.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.667	5.617	5.717	160		
	2	5.688	5.638	5.738	175		
	3	5.75	5.7	5.8	170		
COLUMN 1	4	5.847	5.797	5.897	224		
	5	6.139	6.089	6.189	198	185	
	1	4.896	4.846	4.946	154		
	2	4.915	4.865	4.965	149		
	3	5.092	5.042	5.142	150		
	4	5.134	5.084	5.184	160		
COLUMN 2	5	5.347	5.297	5.397	157	154	18.29
Aroclor-1260	1	7.258	7.208	7.308	203		
	2	7.511	7.461	7.561	229		
	3	7.871	7.821	7.921	149		
COLUMN 1	4	8.094	8.044	8.144	227		
	5	8.416	8.366	8.466	175	197	
	1	6.383	6.333	6.433	223		
	2	6.571	6.521	6.621	198		
	3	6.724	6.674	6.774	186		
	4	7.195	7.145	7.245	152		
COLUMN 2	5	7.436	7.386	7.486	161	184	6.82

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS001-01MSD

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-03MSD Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071432.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.665	5.615	5.715	159		
	2	5.686	5.636	5.736	175		
	3	5.748	5.698	5.798	172		
COLUMN 1	4	5.845	5.795	5.895	220		
	5	6.136	6.086	6.186	199	185	
	1	4.896	4.846	4.946	154		
	2	4.914	4.864	4.964	148		
	3	5.092	5.042	5.142	148		
	4	5.133	5.083	5.183	160		
COLUMN 2	5	5.347	5.297	5.397	160	154	18.29
Aroclor-1260	1	7.256	7.206	7.306	207		
	2	7.509	7.459	7.559	229		
	3	7.87	7.82	7.92	149		
COLUMN 1	4	8.093	8.043	8.143	226		
	5	8.413	8.363	8.463	174	197	
	1	6.383	6.333	6.433	223		
	2	6.57	6.52	6.62	195		
	3	6.723	6.673	6.773	184		
	4	7.194	7.144	7.244	151		
COLUMN 2	5	7.436	7.386	7.486	160	183	7.37

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS002-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-04 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071433.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.517	6.467	6.567	171		
	2	6.734	6.684	6.784	165		
	3	7.098	7.048	7.148	173		
COLUMN 1	4	7.38	7.33	7.43	155		
	5	7.797	7.747	7.847	338	200	
	1	5.7	5.65	5.75	138		
	2	5.848	5.798	5.898	137		
	3	6.251	6.201	6.301	173		
	4	6.479	6.429	6.529	135		
COLUMN 2	5	6.897	6.847	6.947	279	172	15.05

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS005-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-08 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071434.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.26	7.21	7.31	257		
	2	7.514	7.464	7.564	222		
	3	7.873	7.823	7.923	309		
COLUMN 1	4	8.095	8.045	8.145	344		
	5	8.417	8.367	8.467	362	299	
	1	6.383	6.333	6.433	242		
	2	6.571	6.521	6.621	206		
	3	6.724	6.674	6.774	224		
	4	7.195	7.145	7.245	298		
COLUMN 2	5	7.437	7.387	7.487	320	258	14.72

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS007-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-10 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071436.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	6.669	5.619	5.719	3920		
	2	5.939	5.889	5.989	4030		
	3	6.14	6.09	6.19	4760		
COLUMN 1	4	6.541	6.491	6.591	3760		
	5	6.58	6.53	6.63	4700	4200	
	1	4.897	4.847	4.947	3740		
	2	5.134	5.084	5.184	4110		
	3	5.176	5.126	5.226	3630		
	4	5.348	5.298	5.398	3930		
COLUMN 2	5	5.741	5.691	5.791	4230	3900	7.41
Aroclor-1254	1	6.516	6.466	6.566	4050		
	2	6.735	6.685	6.785	4200		
	3	7.097	7.047	7.147	3270		
COLUMN 1	4	7.379	7.329	7.429	2990		
	5	7.796	7.746	7.846	5080	3900	
	1	5.701	5.651	5.751	4280		
	2	5.849	5.799	5.899	2510		
	3	6.253	6.203	6.303	3060		
	4	6.481	6.431	6.531	2450		
COLUMN 2	5	6.898	6.848	6.948	3210	3100	22.86

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS008-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-11 Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071437.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	5.666	5.616	5.716	5420		
	2	5.938	5.888	5.988	7010		
	3	6.139	6.089	6.189	8140		
COLUMN 1	4	6.539	6.489	6.589	6640		
	5	6.579	6.529	6.629	8390	7100	
	1	4.897	4.847	4.947	6880		
	2	5.135	5.085	5.185	7860		
	3	5.176	5.126	5.226	6770		
	4	5.349	5.299	5.399	7120		
COLUMN 2	5	5.742	5.692	5.792	7320	7200	1.4
Aroclor-1254	1	6.515	6.465	6.565	7160		
	2	6.733	6.683	6.783	7400		
	3	7.095	7.045	7.145	5890		
COLUMN 1	4	7.377	7.327	7.427	5460		
	5	7.795	7.745	7.845	9050	7000	
	1	5.701	5.651	5.751	7520		
	2	5.85	5.8	5.9	4670		
	3	6.253	6.203	6.303	5580		
	4	6.481	6.431	6.531	4600		
COLUMN 2	5	6.899	6.849	6.949	5610	5600	22.22

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS007-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-10DL Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071447.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	5.667	5.617	5.717	3480		
	2	5.939	5.889	5.989	3870		
	3	6.14	6.09	6.19	4290		
COLUMN 1	4	6.54	6.49	6.59	3420		
	5	6.58	6.53	6.63	4230	3900	
	1	4.896	4.846	4.946	3860		
	2	5.133	5.083	5.183	4400		
	3	5.175	5.125	5.225	3840		
	4	5.347	5.297	5.397	3910		
COLUMN 2	5	5.741	5.691	5.791	4020	4000	2.53
Aroclor-1254	1	6.516	6.466	6.566	3740		
	2	6.734	6.684	6.784	4000		
	3	7.097	7.047	7.147	2860		
COLUMN 1	4	7.379	7.329	7.429	2550		
	5	7.795	7.745	7.845	3890	3400	
	1	5.699	5.649	5.749	4000		
	2	5.848	5.798	5.898	2500		
	3	6.252	6.202	6.302	2970		
	4	6.48	6.43	6.53	2520		
COLUMN 2	5	6.897	6.847	6.947	2670	2900	15.87

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS008-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-11DL Date(s) Analyzed: 04/24/2025 04/24/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071449.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	5.667	5.617	5.717	7240		
	2	5.939	5.889	5.989	8920		
	3	6.14	6.09	6.19	10000		
COLUMN 1	4	6.54	6.49	6.59	7950		
	5	6.58	6.53	6.63	9900	8800	
	1	4.897	4.847	4.947	9540		
	2	5.133	5.083	5.183	11300		
	3	5.175	5.125	5.225	9600		
	4	5.347	5.297	5.397	9390		
COLUMN 2	5	5.74	5.69	5.79	9740	9900	11.76
Aroclor-1254	1	6.515	6.465	6.565	8800		
	2	6.734	6.684	6.784	8770		
	3	7.096	7.046	7.146	6790		
COLUMN 1	4	7.379	7.329	7.429	6110		
	5	7.795	7.745	7.845	8870	7900	
	1	5.699	5.649	5.749	10000		
	2	5.848	5.798	5.898	6540		
	3	6.252	6.202	6.302	7070		
	4	6.48	6.43	6.53	6270		
COLUMN 2	5	6.897	6.847	6.947	6030	7200	9.27

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS027-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-33 Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071536.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	5.672	5.622	5.722	81.8		
	2	5.937	5.887	5.987	123		
	3	6.138	6.088	6.188	115		
COLUMN 1	4	6.539	6.489	6.589	95.0		
	5	6.579	6.529	6.629	145	112	
	1	4.893	4.843	4.943	75.4		
	2	5.13	5.08	5.18	160		
	3	5.172	5.122	5.222	96.1		
	4	5.344	5.294	5.394	116		
COLUMN 2	5	5.738	5.688	5.788	123	114	1.77
Aroclor-1254	1	6.514	6.464	6.564	182		
	2	6.732	6.682	6.782	183		
	3	7.095	7.045	7.145	188		
COLUMN 1	4	7.377	7.327	7.427	153		
	5	7.794	7.744	7.844	418	225	
	1	5.697	5.647	5.747	183		
	2	5.845	5.795	5.895	150		
	3	6.249	6.199	6.299	222		
	4	6.477	6.427	6.527	145		
COLUMN 2	5	6.894	6.844	6.944	268	193	15.31

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.258	7.208	7.308	188		
	2	7.511	7.461	7.561	219		
	3	7.871	7.821	7.921	129		
COLUMN 1	4	8.092	8.042	8.142	207		
	5	8.414	8.364	8.464	129	174	
	1	6.38	6.33	6.43	229		
	2	6.568	6.518	6.618	188		
	3	6.72	6.67	6.77	188		
	4	7.192	7.142	7.242	127		
COLUMN 2	5	7.433	7.383	7.483	146	176	1.14

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
P001-SS029-01

Contract: ROYF02
Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860
Lab Sample ID: Q1860-35 Date(s) Analyzed: 04/28/2025 04/28/2025
Instrument ID (1): ECD_P Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP071537.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	6.665	5.615	5.715	153		
	2	5.936	5.886	5.986	350		
	3	6.137	6.087	6.187	329		
COLUMN 1	4	6.536	6.486	6.586	339		
	5	6.578	6.528	6.628	417	317	
	1	4.894	4.844	4.944	158		
	2	5.13	5.08	5.18	391		
	3	5.172	5.122	5.222	228		
	4	5.344	5.294	5.394	257		
COLUMN 2	5	5.739	5.689	5.789	318	270	16.01
Aroclor-1254	1	6.513	6.463	6.563	604		
	2	6.73	6.68	6.78	623		
	3	7.093	7.043	7.143	685		
COLUMN 1	4	7.375	7.325	7.425	620		
	5	7.793	7.743	7.843	1380	781	
	1	5.697	5.647	5.747	512		
	2	5.845	5.795	5.895	484		
	3	6.249	6.199	6.299	758		
	4	6.477	6.427	6.527	560		
COLUMN 2	5	6.895	6.845	6.945	886	640	19.85

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.257	7.207	7.307	589		
	2	7.51	7.46	7.56	736		
	3	7.869	7.819	7.919	359		
COLUMN 1	4	8.089	8.039	8.139	603		
	5	8.414	8.364	8.464	370	532	
	1	6.38	6.33	6.43	740		
	2	6.568	6.518	6.618	579		
	3	6.72	6.67	6.77	540		
	4	7.192	7.142	7.242	338		
COLUMN 2	5	7.433	7.383	7.483	458	531	0.19

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS036-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-42 Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071539.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.51	6.46	6.56	10.7		
	2	6.727	6.677	6.777	11.7		
	3	7.092	7.042	7.142	15.3		
COLUMN 1	4	7.374	7.324	7.424	10.4		
	5	7.789	7.739	7.839	23.2	14.3	
	1	5.698	5.648	5.748	17.6		
	2	5.846	5.796	5.896	13.1		
	3	6.25	6.2	6.3	13.8		
	4	6.475	6.425	6.525	39.6		
COLUMN 2	5	6.895	6.845	6.945	13.8	19.6	31.27

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS029-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-35DL Date(s) Analyzed: 04/29/2025 04/29/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071604.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	5.667	5.617	5.717	142		
	2	5.937	5.887	5.987	288		
	3	6.138	6.088	6.188	242		
COLUMN 1	4	6.538	6.488	6.588	276		
	5	6.579	6.529	6.629	328	255	
	1	4.894	4.844	4.944	172		
	2	5.13	5.08	5.18	409		
	3	5.172	5.122	5.222	239		
	4	5.344	5.294	5.394	302		
COLUMN 2	5	5.738	5.688	5.788	349	294	14.21
Aroclor-1254	1	6.515	6.465	6.565	481		
	2	6.732	6.682	6.782	540		
	3	7.095	7.045	7.145	588		
COLUMN 1	4	7.378	7.328	7.428	553		
	5	7.794	7.744	7.844	1160	665	
	1	5.697	5.647	5.747	538		
	2	5.846	5.796	5.896	515		
	3	6.249	6.199	6.299	683		
	4	6.477	6.427	6.527	561		
COLUMN 2	5	6.895	6.845	6.945	766	613	8.14

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.259	7.209	7.309	469		
	2	7.511	7.461	7.561	666		
	3	7.87	7.82	7.92	342		
COLUMN 1	4	8.089	8.039	8.139	501		
	5	8.413	8.363	8.463	340	464	
	1	6.379	6.329	6.429	680		
	2	6.568	6.518	6.618	574		
	3	6.72	6.67	6.77	530		
	4	7.191	7.141	7.241	329		
COLUMN 2	5	7.433	7.383	7.483	406	504	8.26

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS006-01

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-09 Date(s) Analyzed: 04/30/2025 04/30/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071645.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.26	7.21	7.31	341		
	2	7.513	7.463	7.563	325		
	3	7.872	7.822	7.922	451		
COLUMN 1	4	8.094	8.044	8.144	523		
	5	8.415	8.365	8.465	553	439	
	1	6.38	6.33	6.43	369		
	2	6.568	6.518	6.618	348		
	3	6.721	6.671	6.771	379		
	4	7.193	7.143	7.243	500		
COLUMN 2	5	7.434	7.384	7.484	560	431	1.84

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-SS006-01DL

Contract: ROYF02

Lab Code: CHEM Case No.: Q1860 SAS No.: Q1860 SDG NO.: Q1860

Lab Sample ID: Q1860-09DL Date(s) Analyzed: 04/30/2025 04/30/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP071646.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.255	7.205	7.305	280		
	2	7.509	7.459	7.559	272		
	3	7.868	7.818	7.918	399		
COLUMN 1	4	8.09	8.04	8.14	452		
	5	8.412	8.362	8.462	475	375	
	1	6.378	6.328	6.428	357		
	2	6.566	6.516	6.616	306		
	3	6.719	6.669	6.769	327		
	4	7.19	7.14	7.24	433		
COLUMN 2	5	7.433	7.383	7.483	451	375	0

QC SAMPLE DATA

Raw Data: **PP071428.D**

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 911	Date Received:	
Client Sample ID:	PB167721BL	SDG No.:	Q1860
Lab Sample ID:	PB167721BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071428.D	1	04/24/25 08:32	04/24/25 12:58	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		32 - 175	99%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071428.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 12:58
Operator : YP\AJ
Sample : PB167721BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167721BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:23:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.810	37855302	26045634	19.093	18.490
2)	SA Decachlor...	10.230	8.844	28224717	17296713	19.492	19.721
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

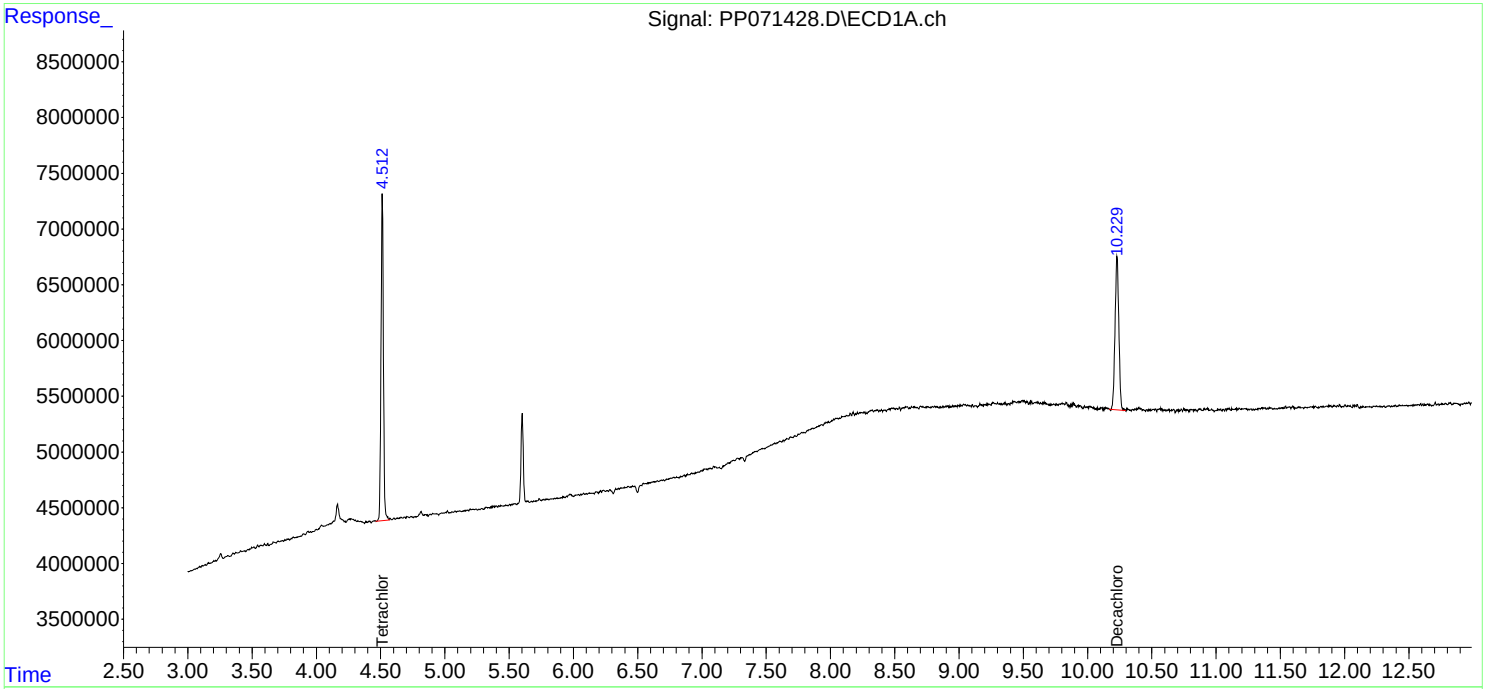
Sample Results: **PP071428.D**

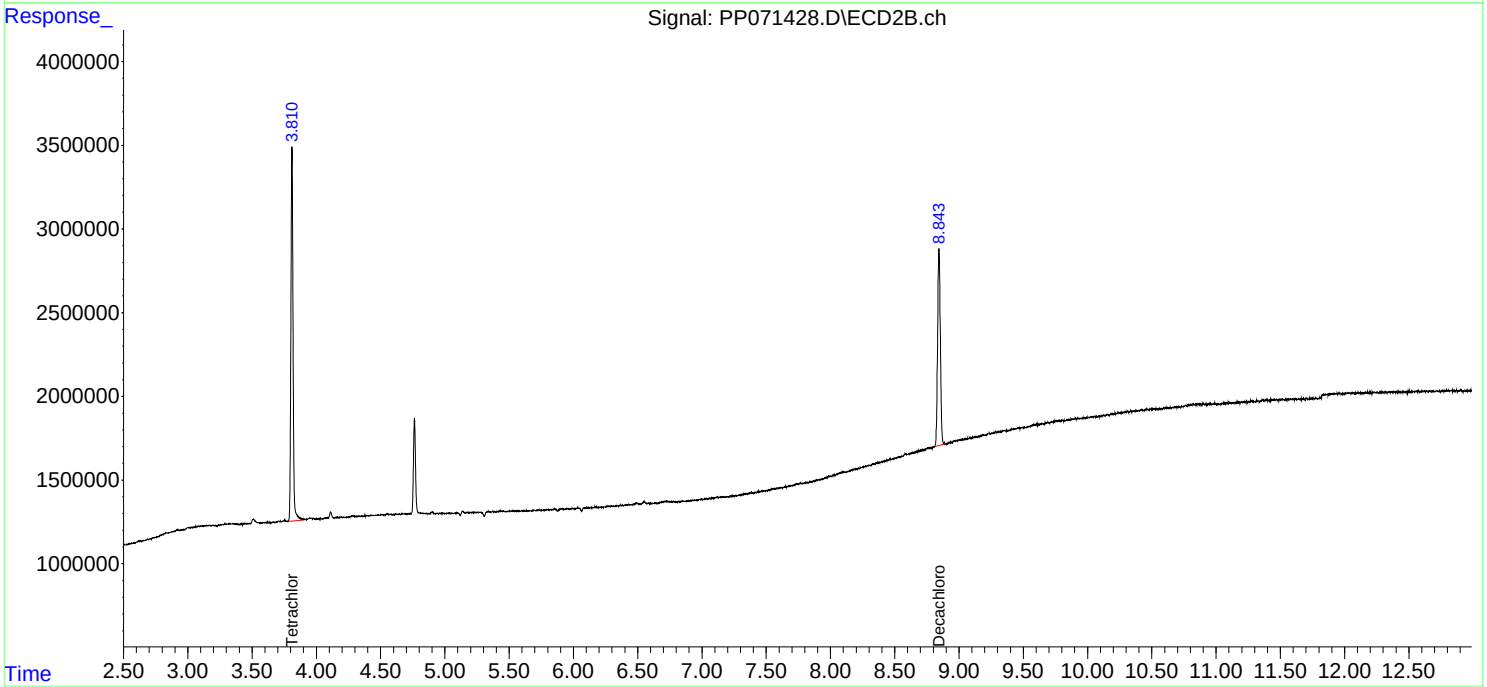
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 12:58
Operator : YP\AJ
Sample : PB167721BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

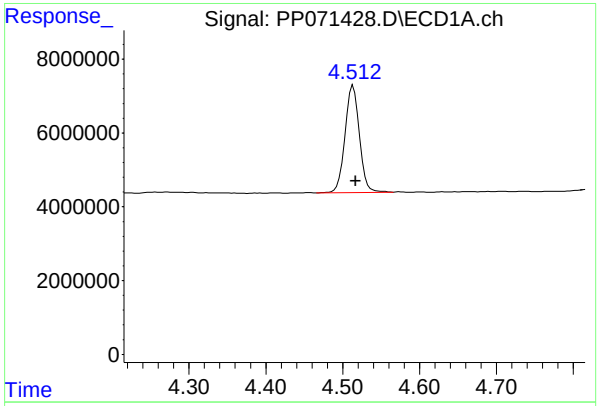
Instrument :
ECD_P
ClientSampleId :
PB167721BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:23:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



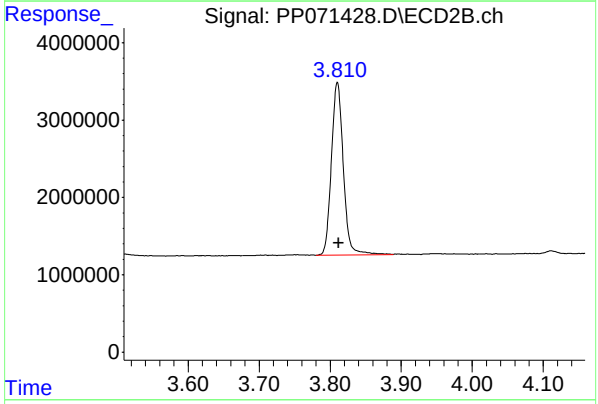




#1 Tetrachloro-m-xylene

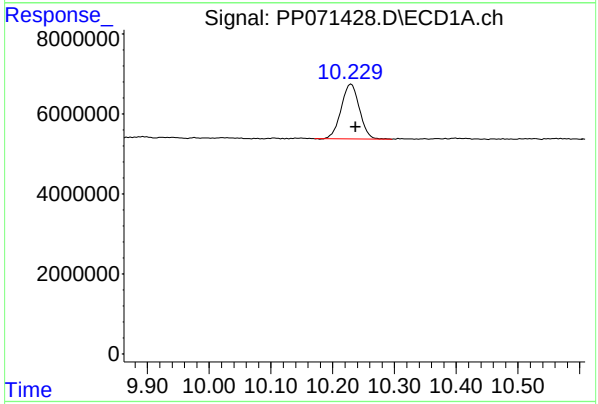
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 37855302
Conc: 19.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167721BL



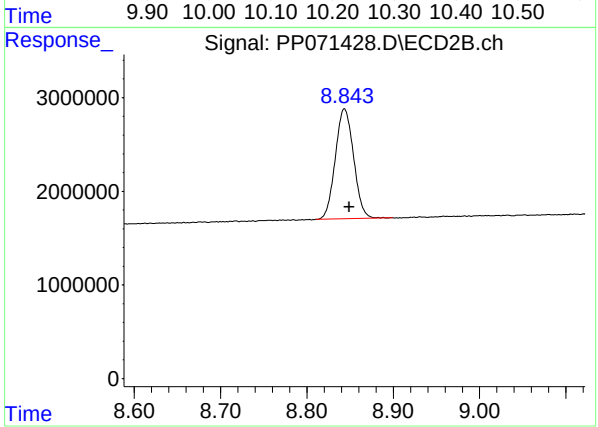
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 26045634
Conc: 18.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: -0.007 min
Response: 28224717
Conc: 19.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.844 min
Delta R.T.: -0.006 min
Response: 17296713
Conc: 19.72 ng/ml

Raw Data: **PP071533.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 911		Date Received:		
Client Sample ID:	PB167737BL		SDG No.:	Q1860	
Lab Sample ID:	PB167737BL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071533.D	1	04/25/25 08:20	04/28/25 09:53	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		32 - 144	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		32 - 175	96%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071533.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 09:53
Operator : YP\AJ
Sample : PB167737BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167737BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:08:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.809	35908125	24693046	18.111	17.530
2)	SA Decachlor...	10.228	8.840	26887459	16875077	18.569	19.241
	Target Compounds						

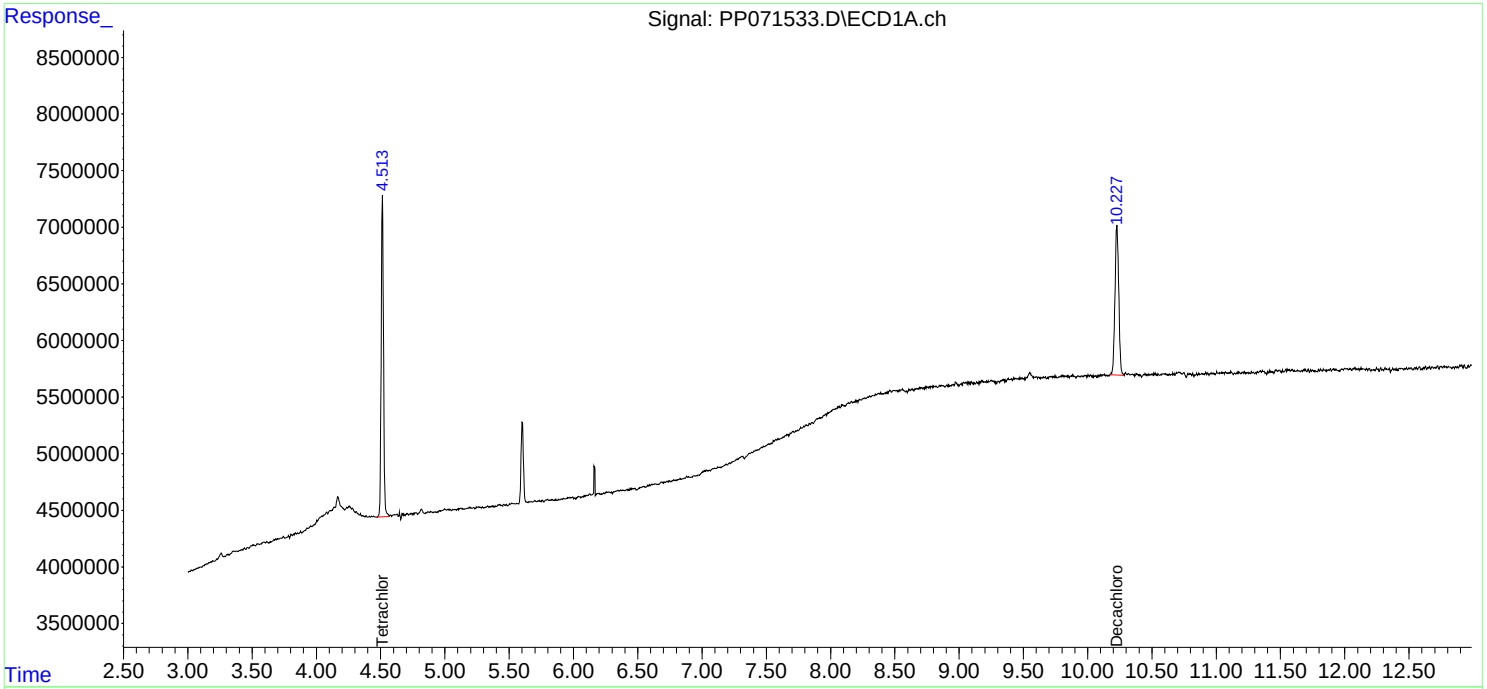
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

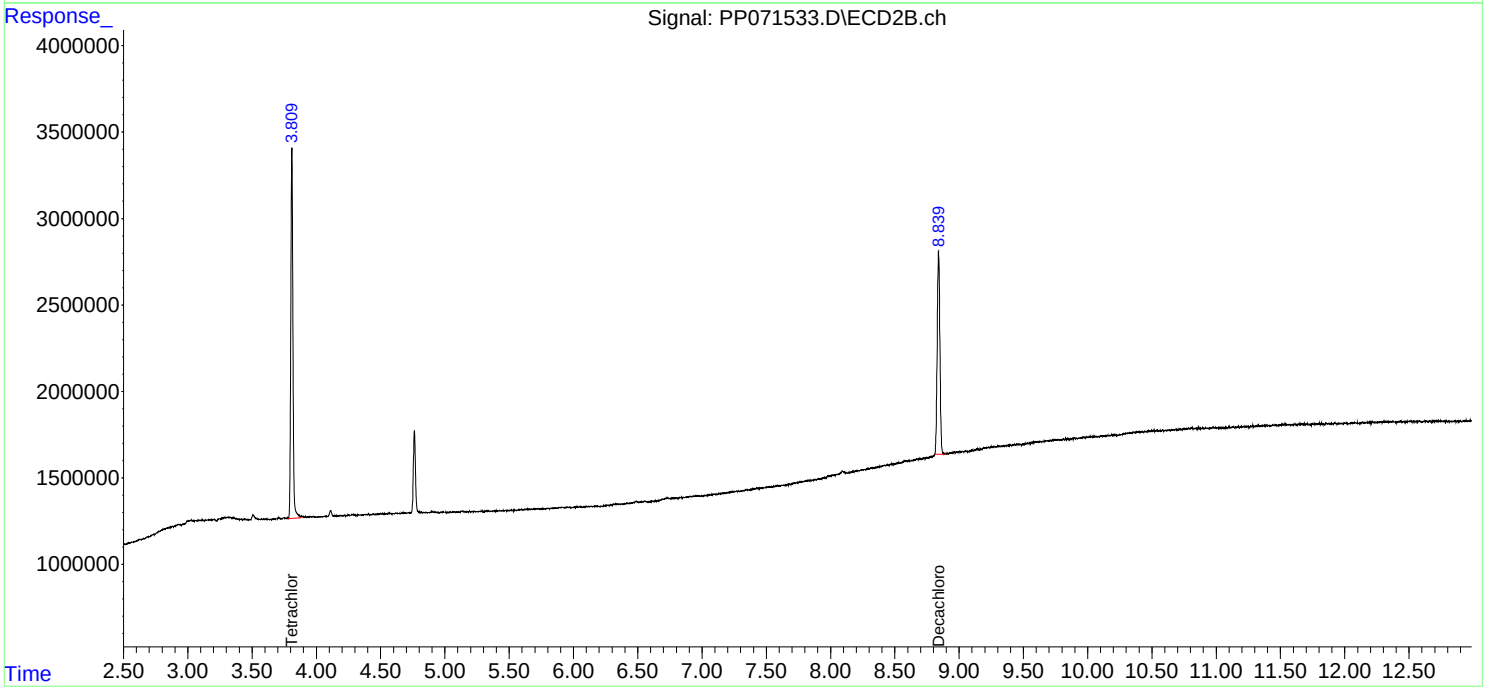
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 09:53
Operator : YP\AJ
Sample : PB167737BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

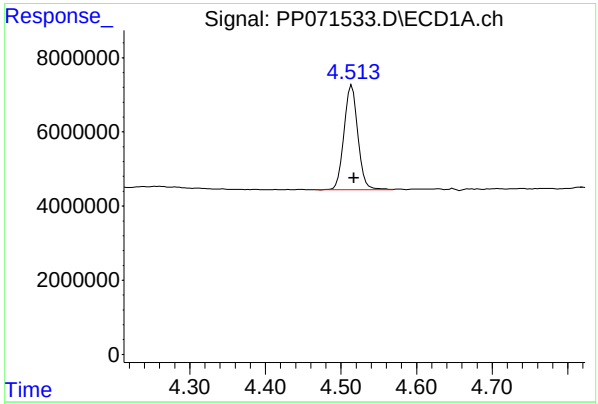
Instrument :
ECD_P
ClientSampleId :
PB167737BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:08:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



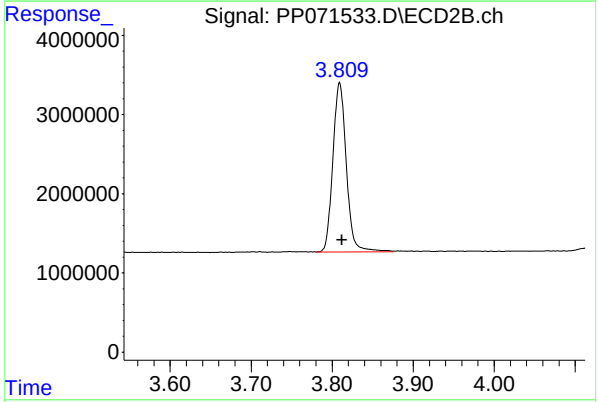




#1 Tetrachloro-m-xylene

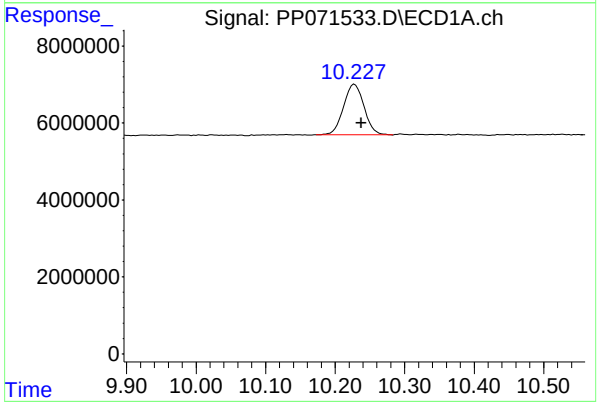
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 35908125
Conc: 18.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167737BL



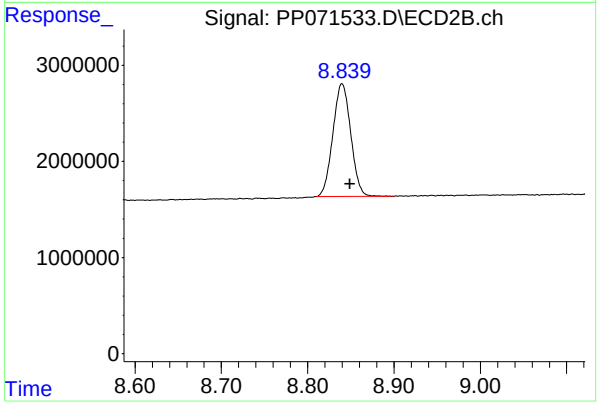
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 24693046
Conc: 17.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.009 min
Response: 26887459
Conc: 18.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.840 min
Delta R.T.: -0.009 min
Response: 16875077
Conc: 19.24 ng/ml

Raw Data: **PO110348.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/10/25
Project:	RFP 911	Date Received:	04/10/25
Client Sample ID:	PIBLK-PO110348.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110348.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110348.D	1		04/10/25	PO041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		60 - 140	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		60 - 140	96%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110348.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:17
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 19:25:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	158.3E6	90605960	18.096	18.158
2)	SA Decachlor...	8.732	8.683	151.3E6	38875455	19.165	20.195
	Target Compounds						

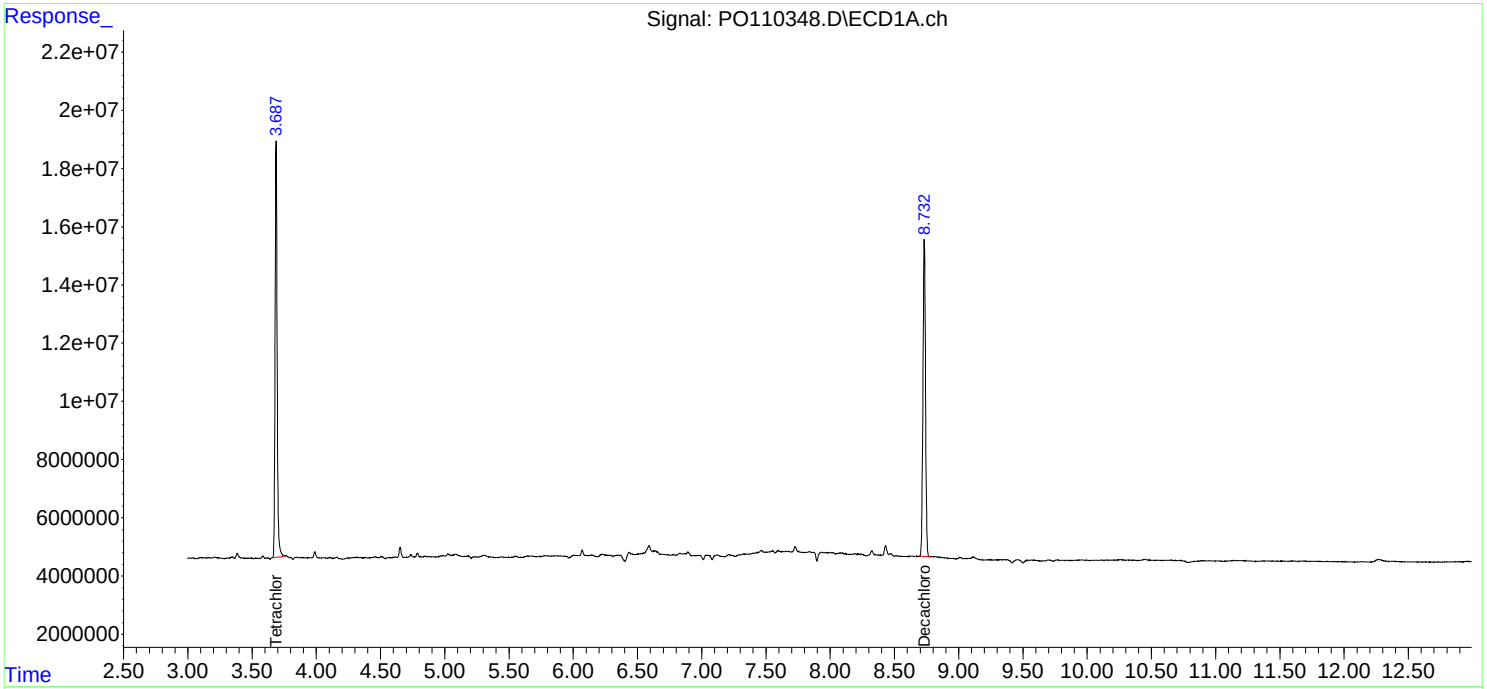
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

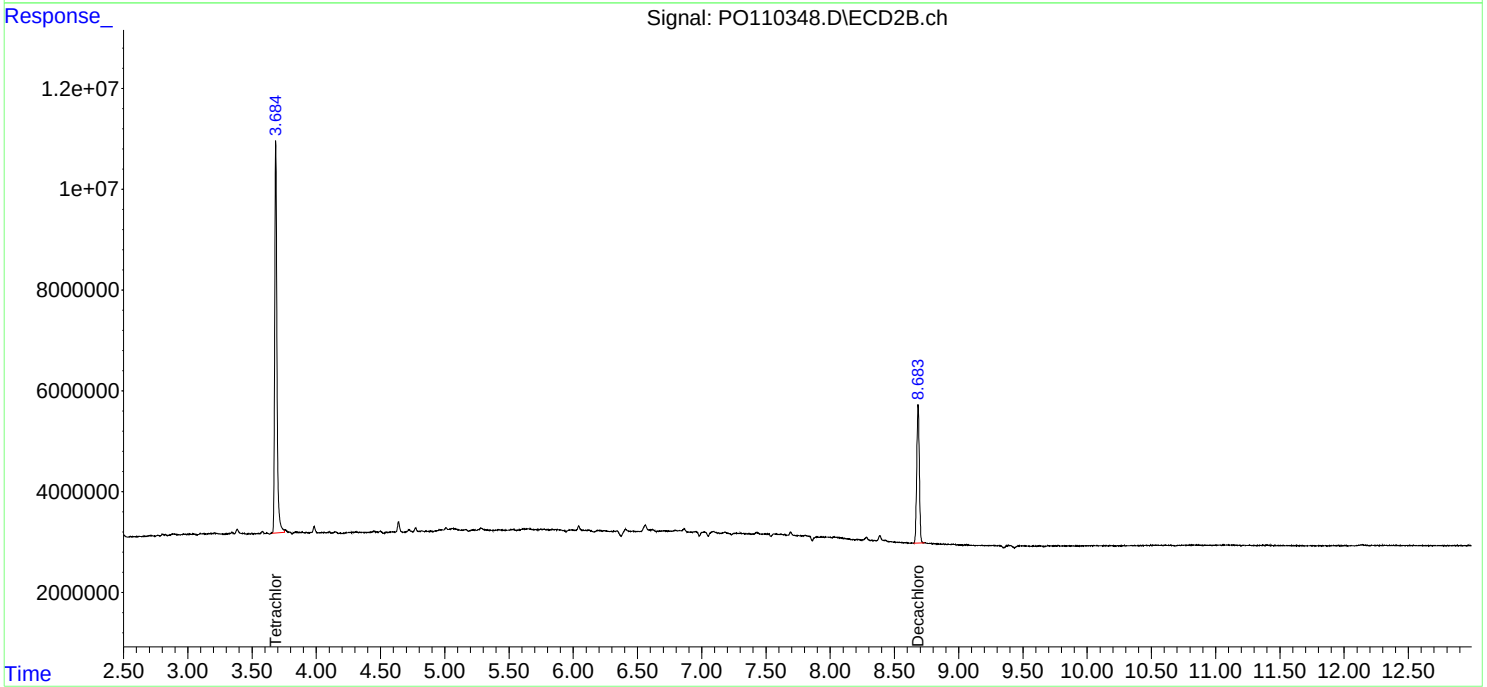
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO041025\
Data File : PO110348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 09:17
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

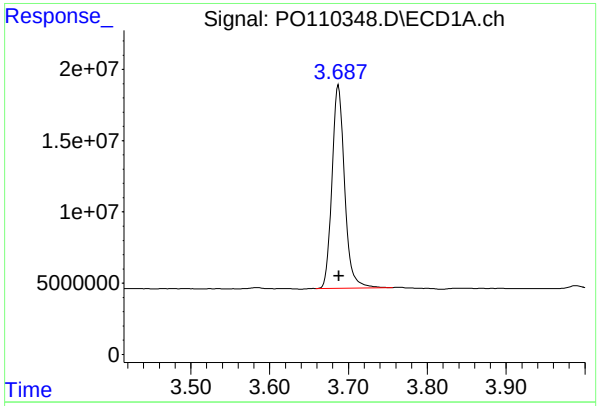
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 19:25:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 18:44:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



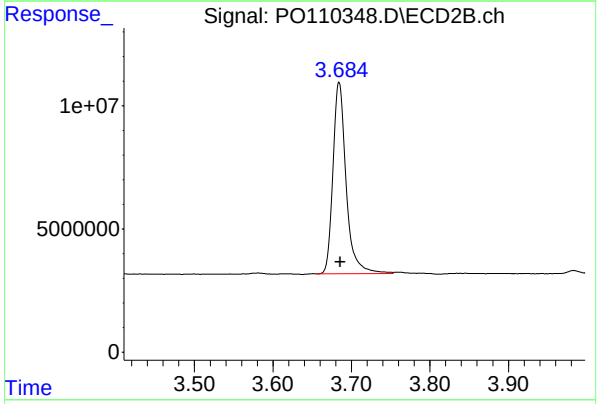




#1 Tetrachloro-m-xylene

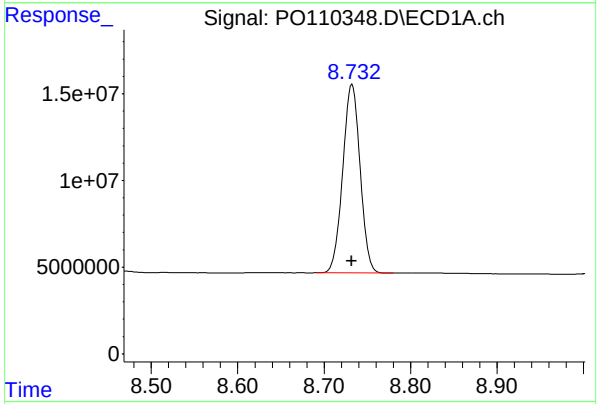
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 158319301
Conc: 18.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



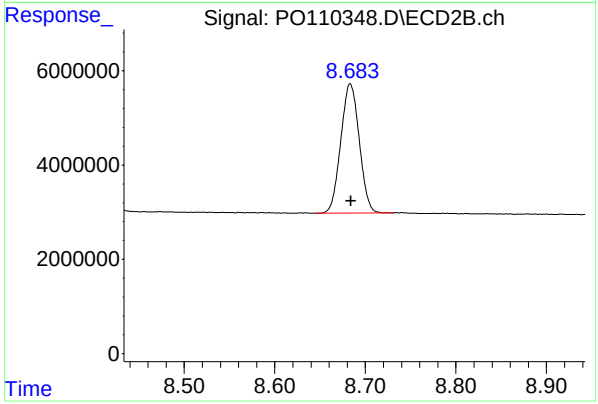
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.001 min
Response: 90605960
Conc: 18.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 151304209
Conc: 19.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 38875455
Conc: 20.20 ng/ml

Raw Data: **PO110677.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/24/25
Project:	RFP 911	Date Received:	04/24/25
Client Sample ID:	PIBLK-PO110677.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110677.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110677.D	1		04/24/25	PO042425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.1		60 - 140	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.3		60 - 140	76%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110677.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110677.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 11:29
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:24:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	141.9E6	75110800	16.214	15.053
2)	SA Decachlor...	8.727	8.680	120.7E6	29754347	15.290	15.457
	Target Compounds						

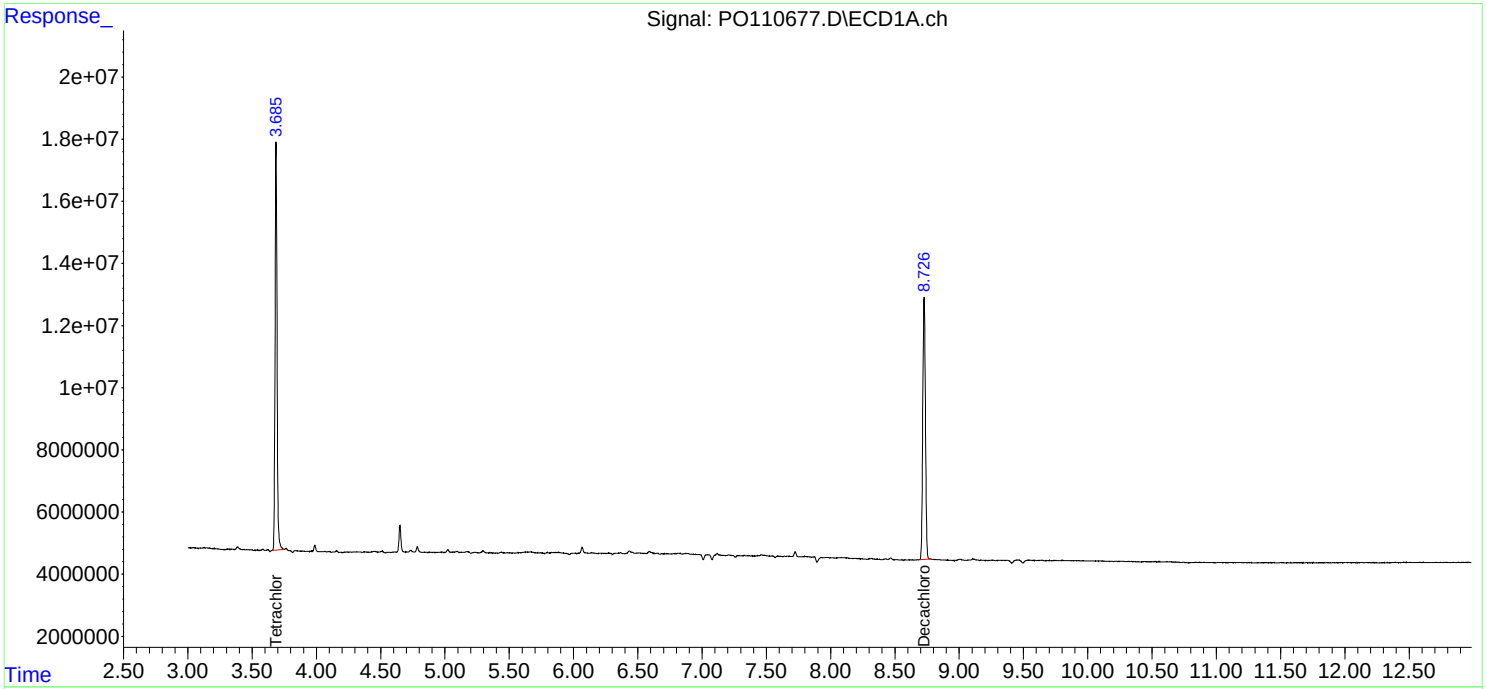
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

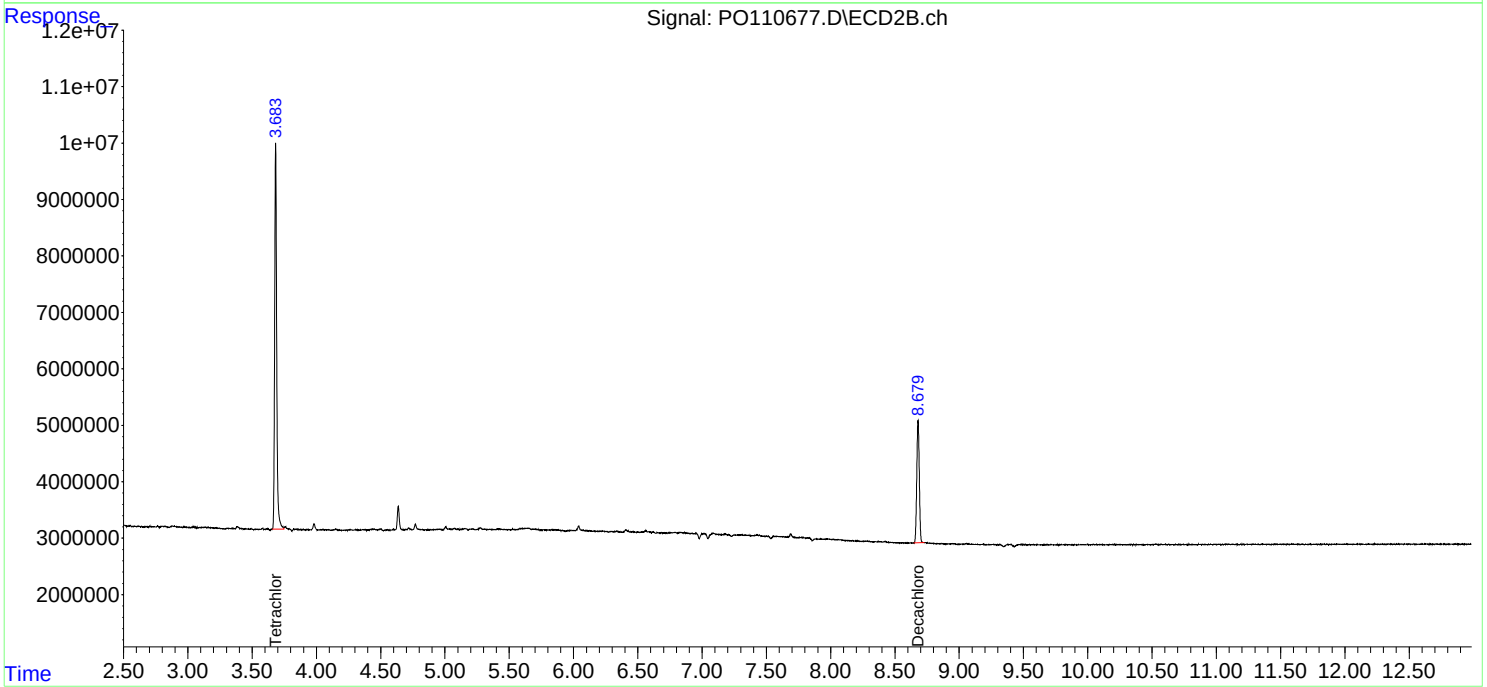
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110677.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 11:29
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

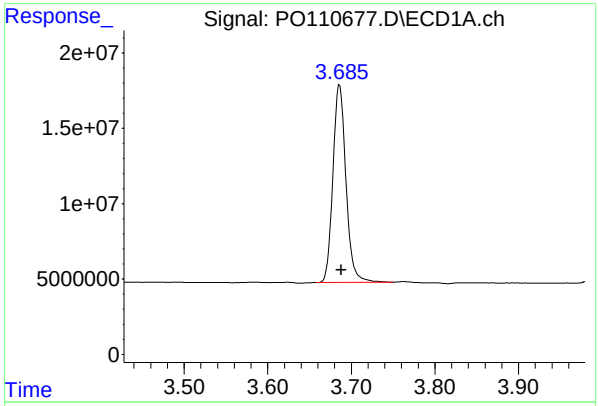
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:24:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



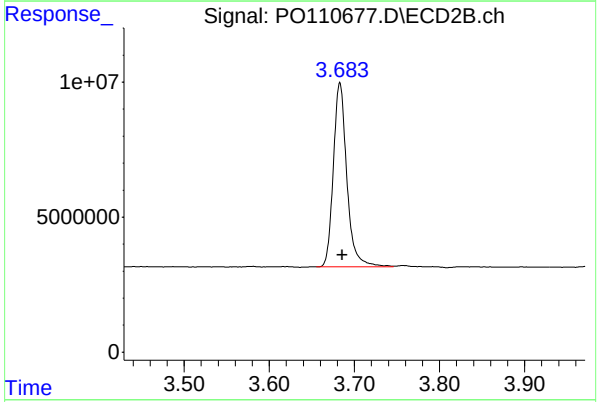




#1 Tetrachloro-m-xylene

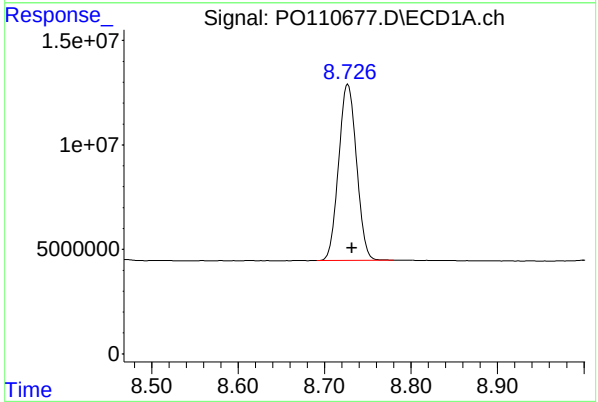
R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 141858806
Conc: 16.21 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



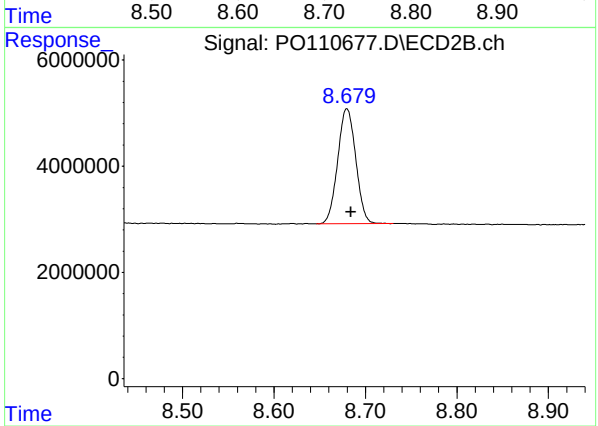
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 75110800
Conc: 15.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 120712512
Conc: 15.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 29754347
Conc: 15.46 ng/ml

Raw Data: **PO110692.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/24/25
Project:	RFP 911	Date Received:	04/24/25
Client Sample ID:	PIBLK-PO110692.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110692.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110692.D	1		04/24/25	PO042425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.1		60 - 140	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.5		60 - 140	73%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110692.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 18:54
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:28:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.684	140.2E6	75463235	16.020	15.124
2)	SA Decachlor...	8.728	8.679	114.5E6	30078073	14.509	15.625
	Target Compounds						

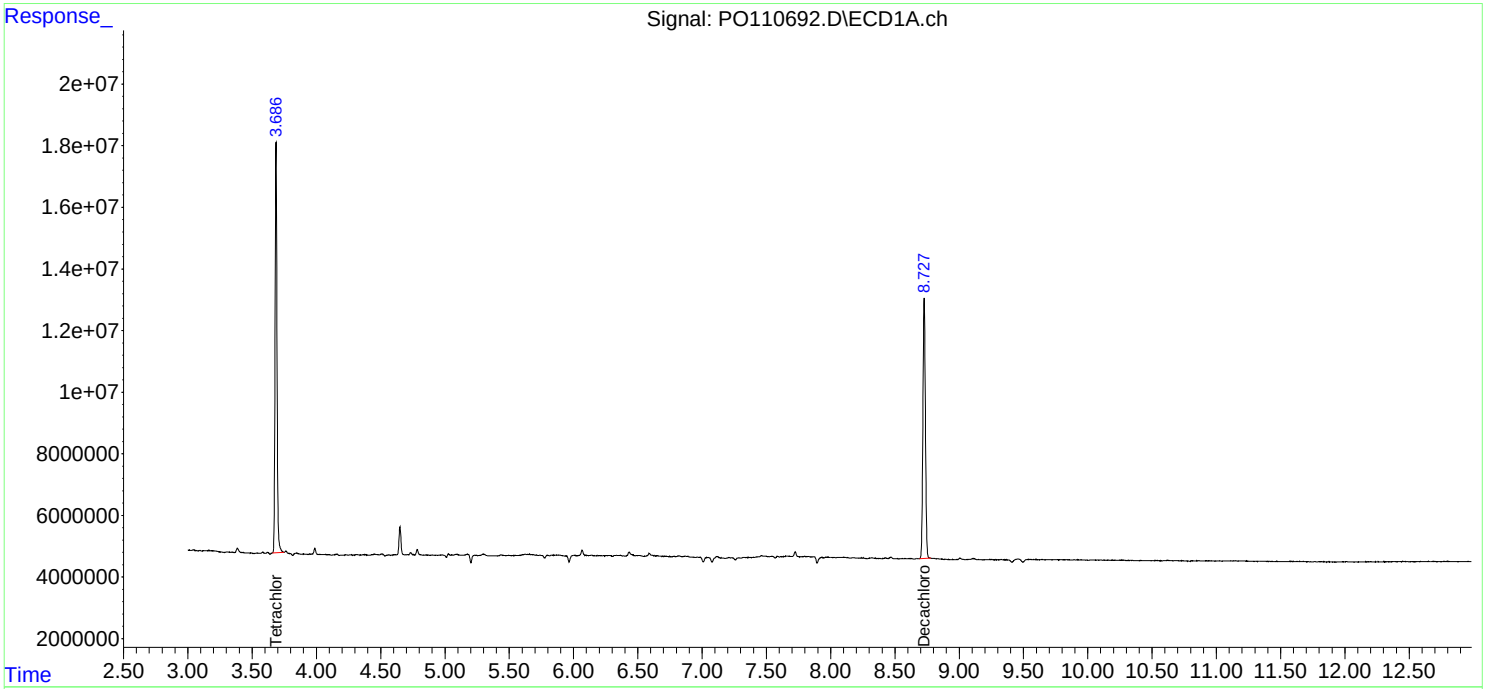
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

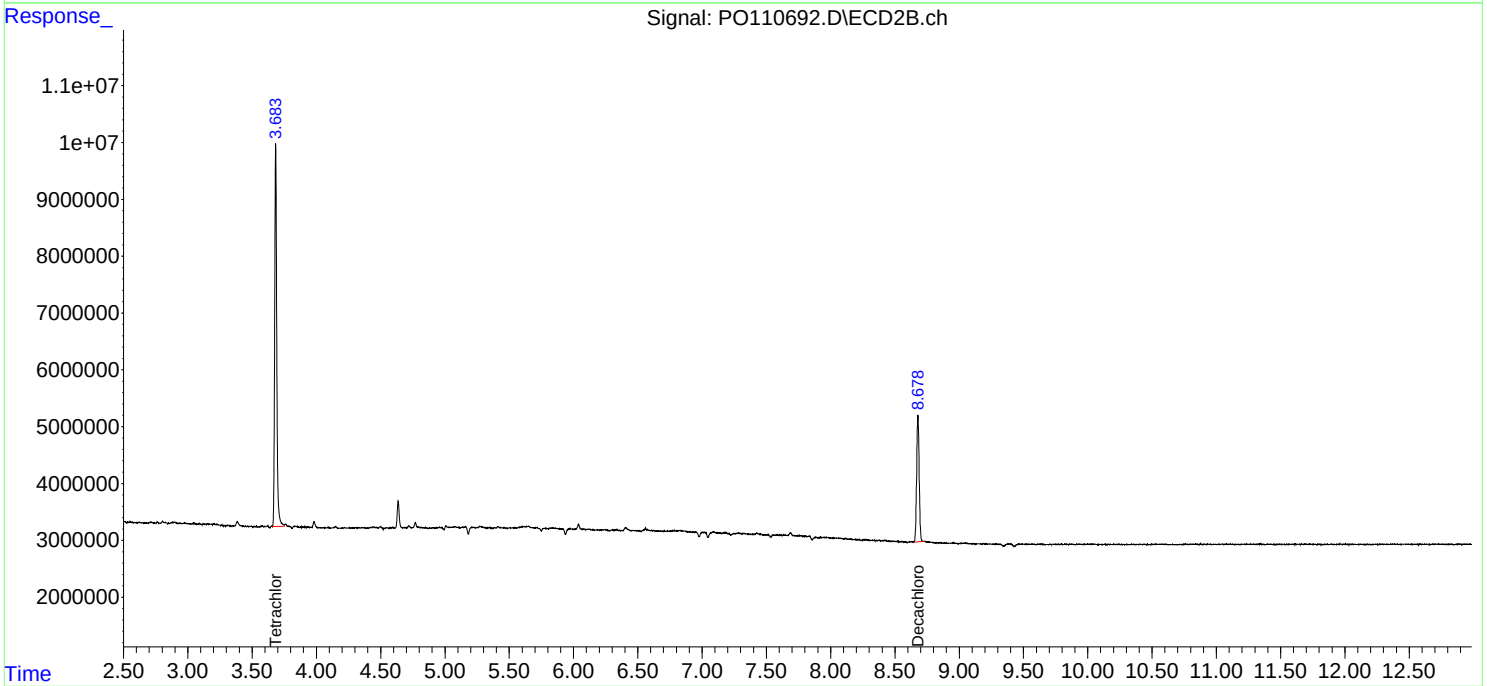
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 18:54
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

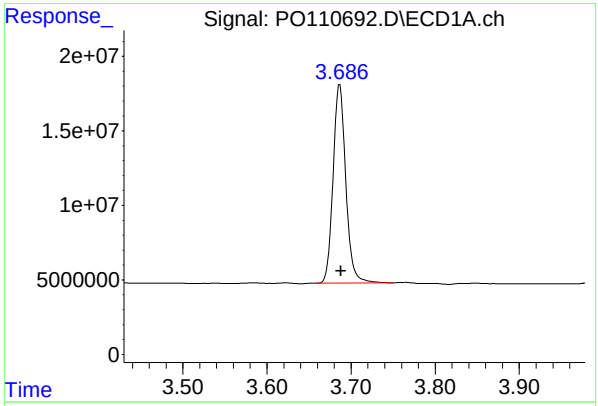
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:28:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



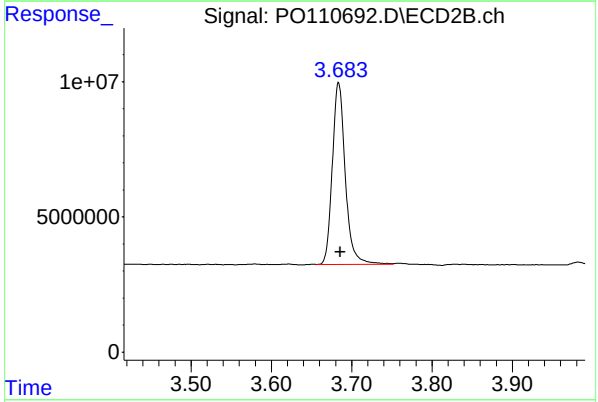




#1 Tetrachloro-m-xylene

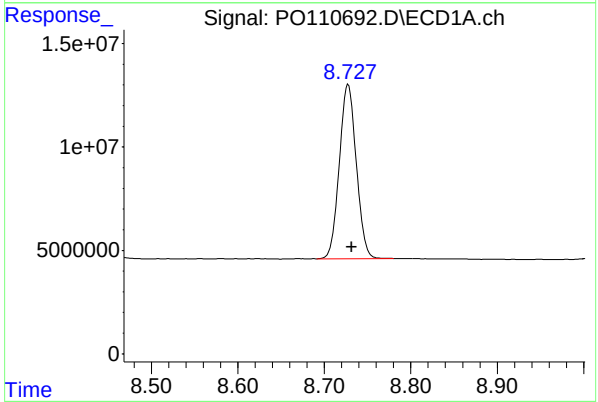
R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 140163352
Conc: 16.02 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



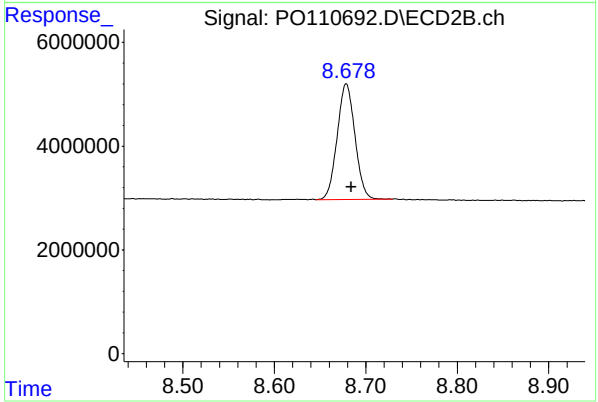
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 75463235
Conc: 15.12 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.004 min
Response: 114545867
Conc: 14.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.006 min
Response: 30078073
Conc: 15.63 ng/ml

Raw Data: **PO110707.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/25/25
Project:	RFP 911	Date Received:	04/25/25
Client Sample ID:	PIBLK-PO110707.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110707.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110707.D	1		04/25/25	PO042425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.2		60 - 140	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		60 - 140	77%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110707.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 01:25
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:48:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	141.8E6	75605989	16.209	15.152
2)	SA Decachlor...	8.728	8.679	121.6E6	30662292	15.396	15.929
	Target Compounds						

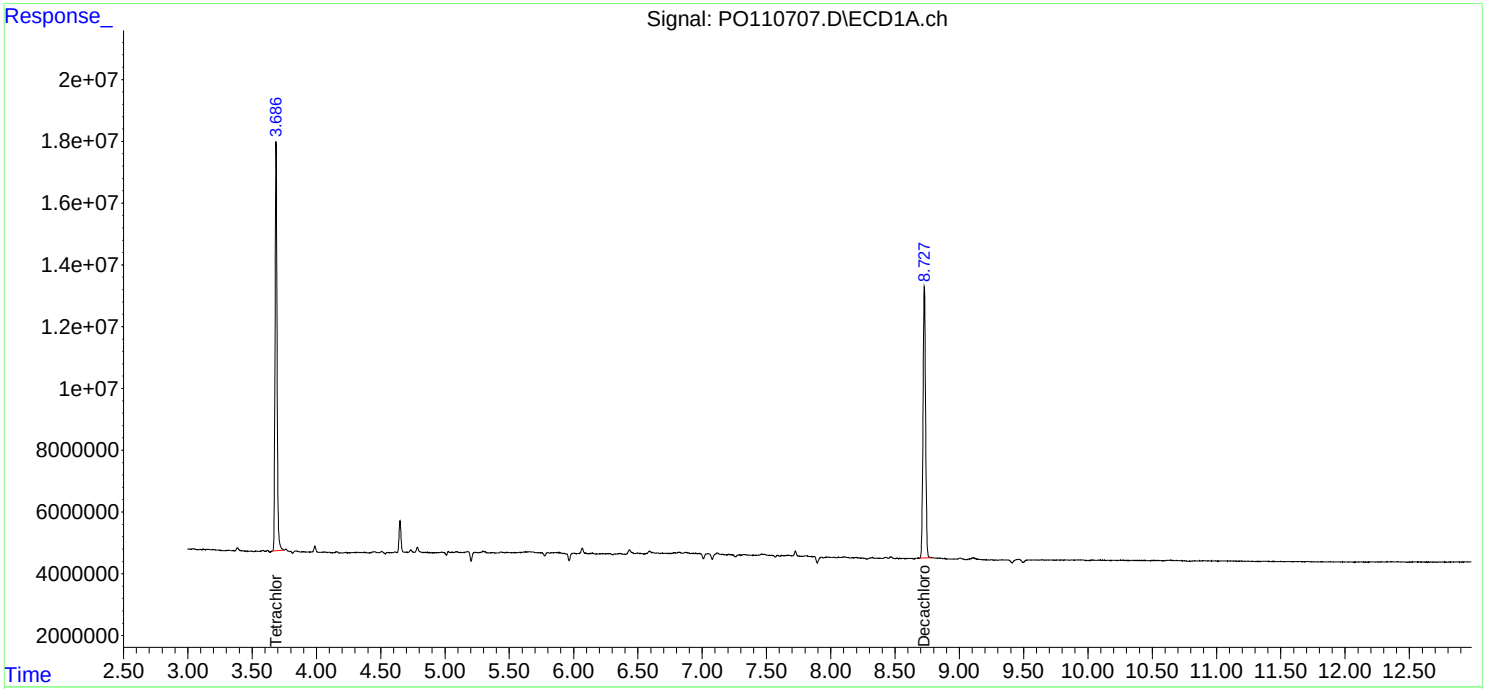
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

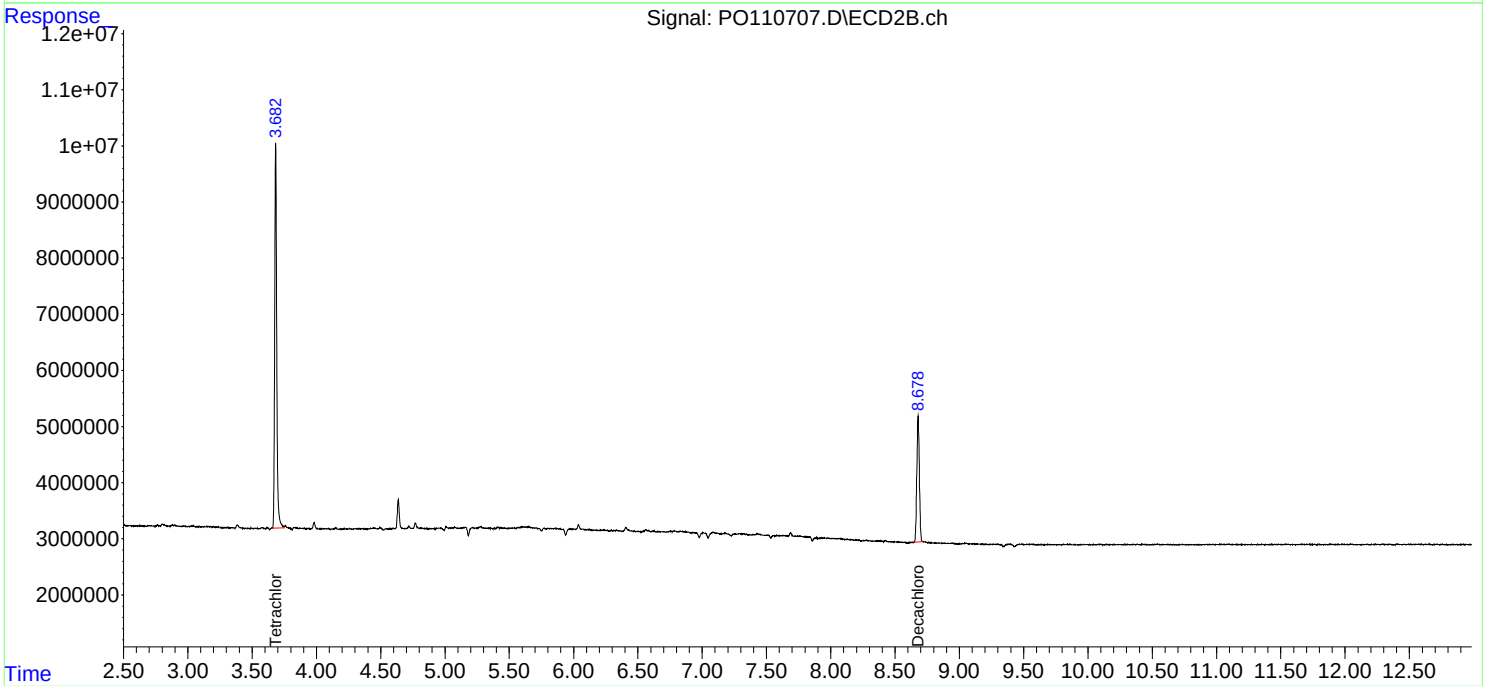
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 01:25
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

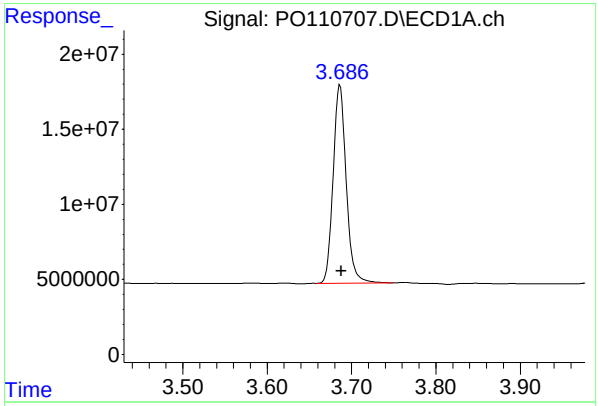
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:48:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



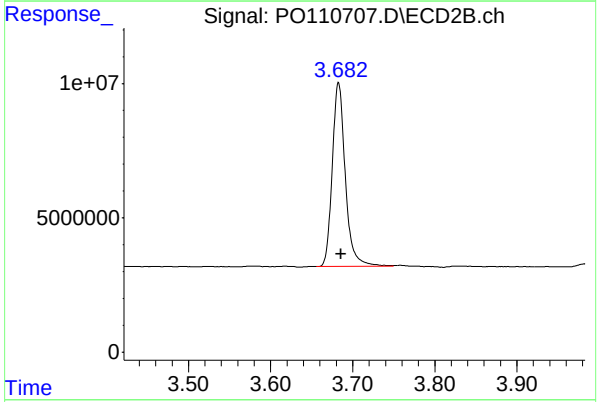




#1 Tetrachloro-m-xylene

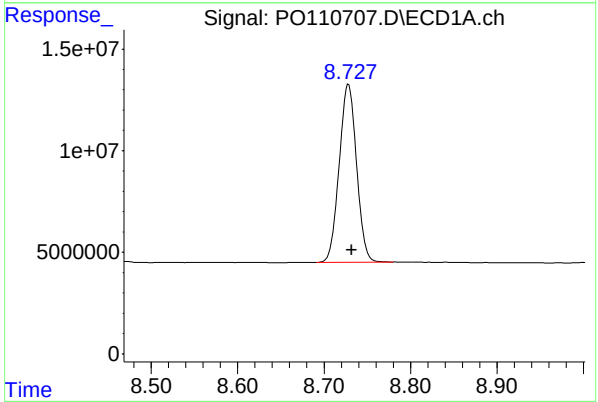
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 141811057
Conc: 16.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



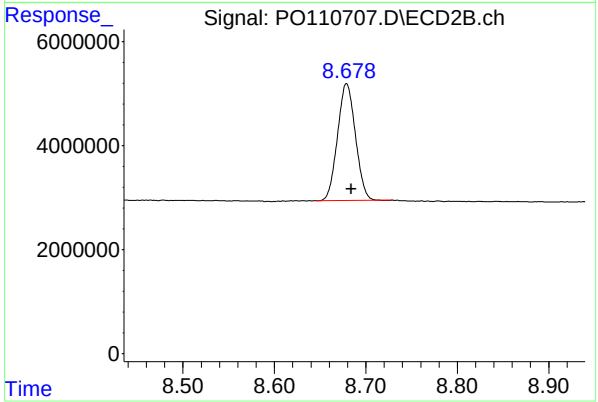
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 75605989
Conc: 15.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.004 min
Response: 121552316
Conc: 15.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 30662292
Conc: 15.93 ng/ml

Raw Data: **PO110718.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/25/25
Project:	RFP 911	Date Received:	04/25/25
Client Sample ID:	PIBLK-PO110718.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110718.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110718.D	1		04/25/25	PO042425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.7		60 - 140	74%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.7		60 - 140	78%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110718.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110718.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 06:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 07:00:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.683	138.5E6	73476098	15.828	14.725
2)	SA Decachlor...	8.729	8.679	123.7E6	30193548	15.670	15.685
	Target Compounds						

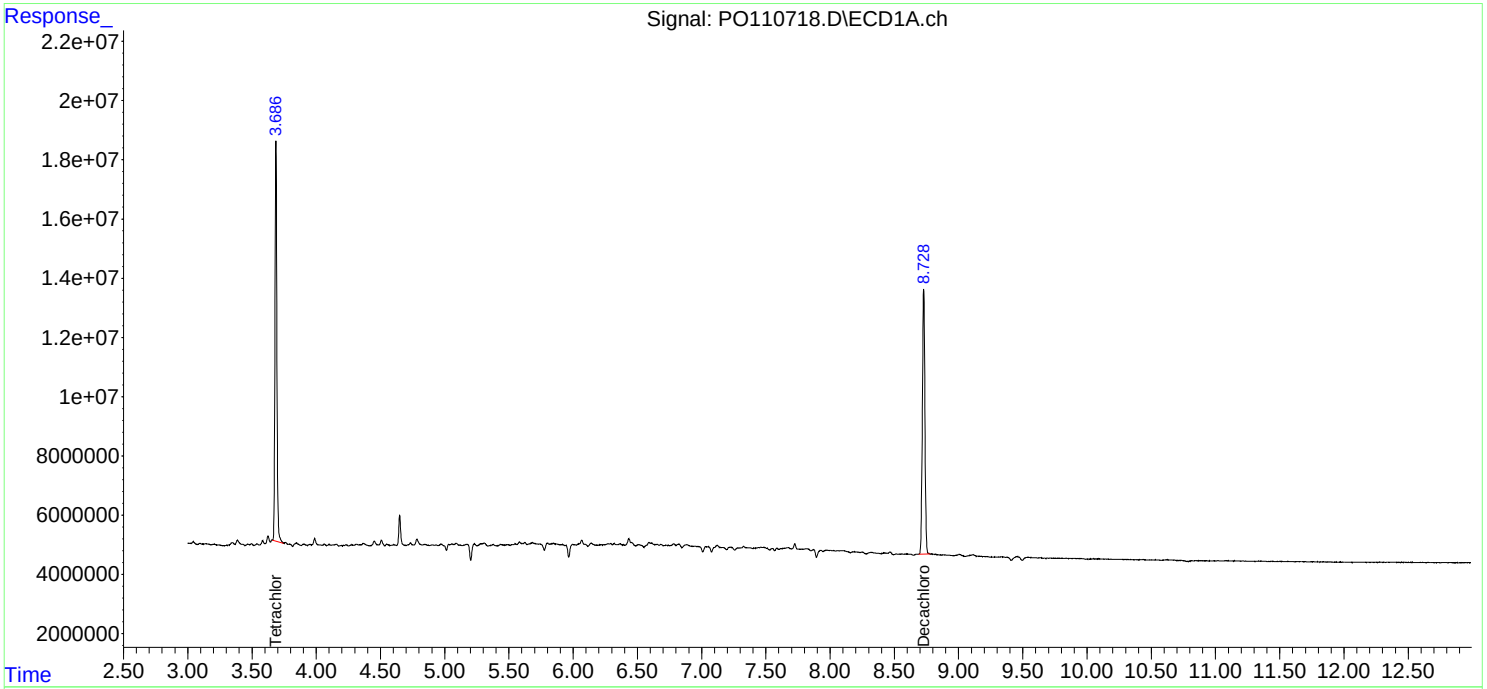
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

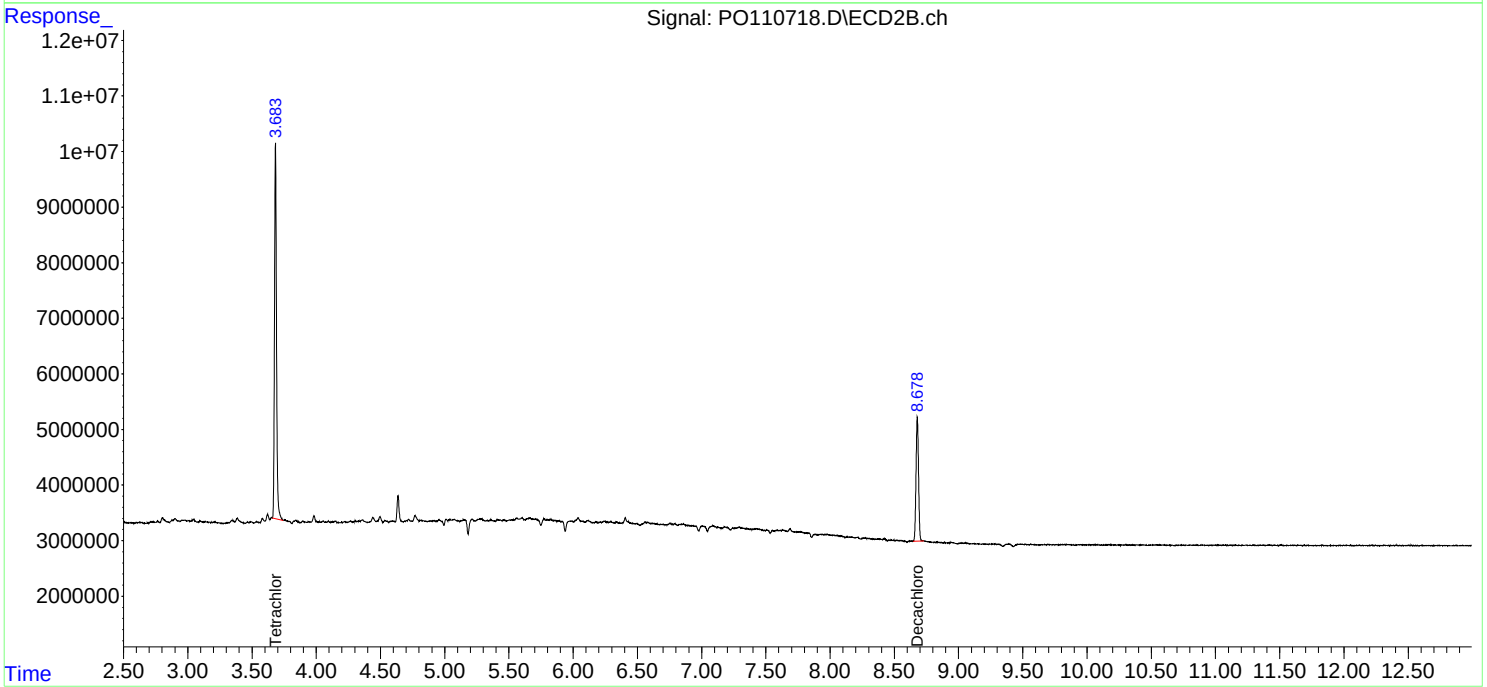
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042425\
Data File : PO110718.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 06:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

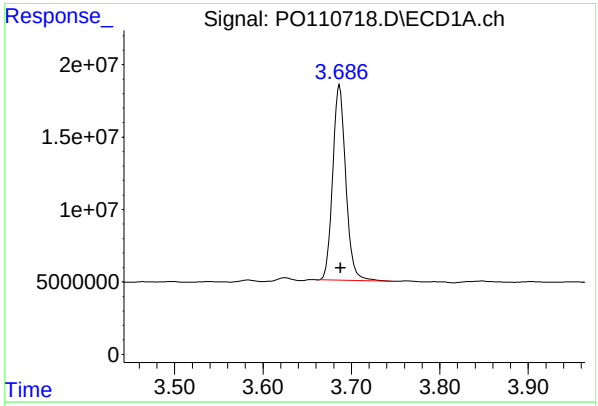
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 07:00:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



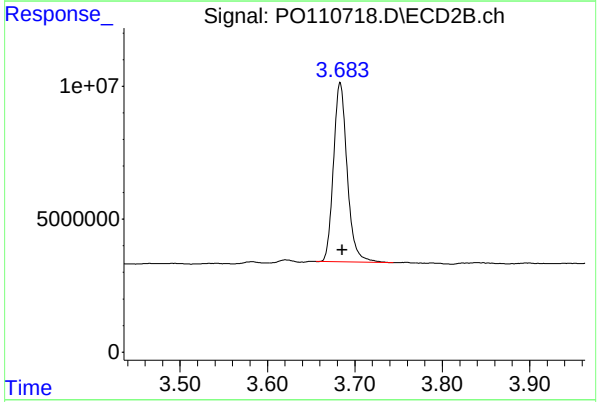




#1 Tetrachloro-m-xylene

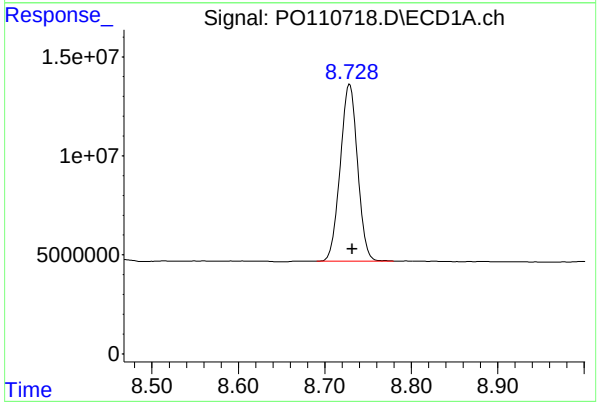
R.T.: 3.687 min
Delta R.T.: -0.002 min
Response: 138479897
Conc: 15.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



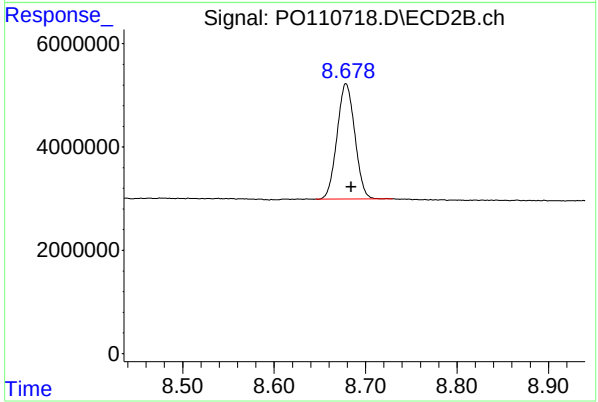
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 73476098
Conc: 14.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 123711665
Conc: 15.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 30193548
Conc: 15.69 ng/ml

Raw Data: **PO110724.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/25/25
Project:	RFP 911	Date Received:	04/25/25
Client Sample ID:	PIBLK-PO110724.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110724.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110724.D	1		04/25/25	PO042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.2		60 - 140	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		60 - 140	80%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110724.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110724.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 11:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:21:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	143.2E6	75620440	16.363	15.155
2)	SA Decachlor...	8.728	8.679	125.6E6	32034660	15.912	16.641
	Target Compounds						

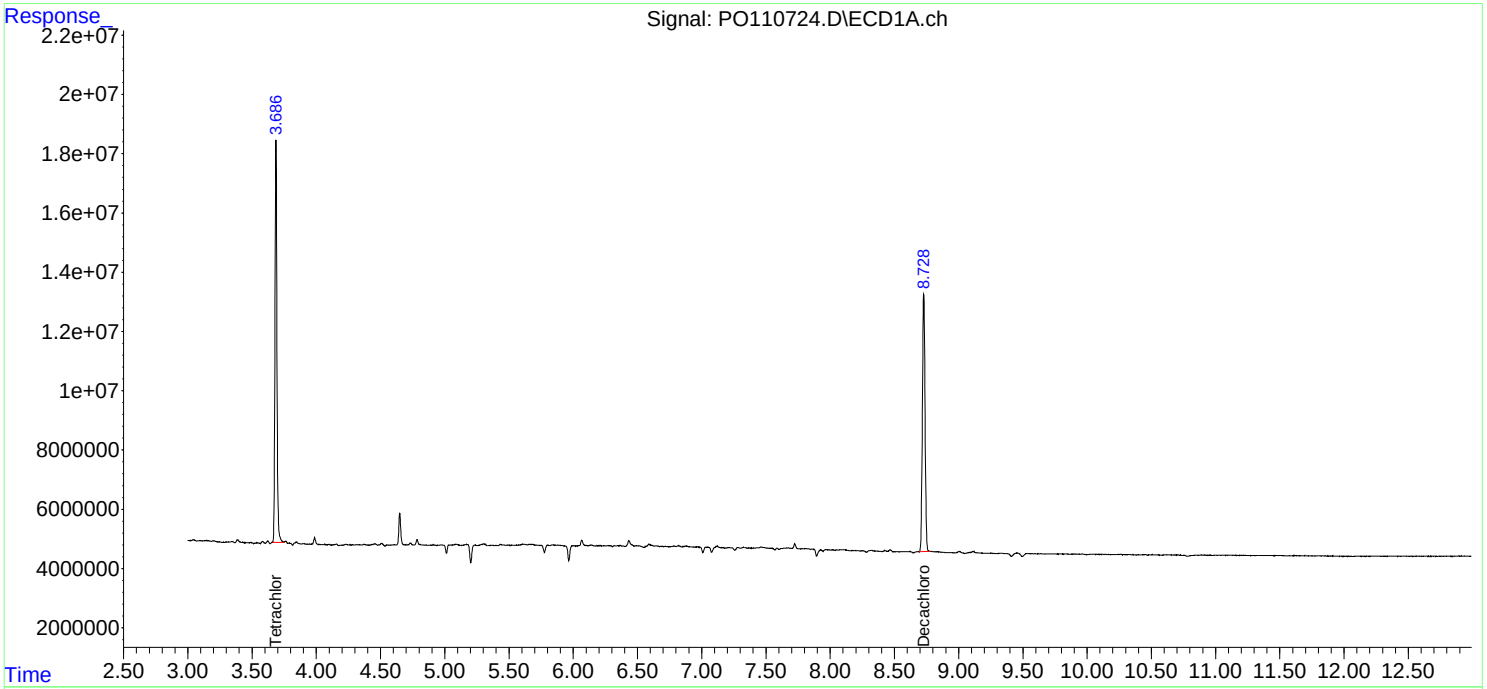
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

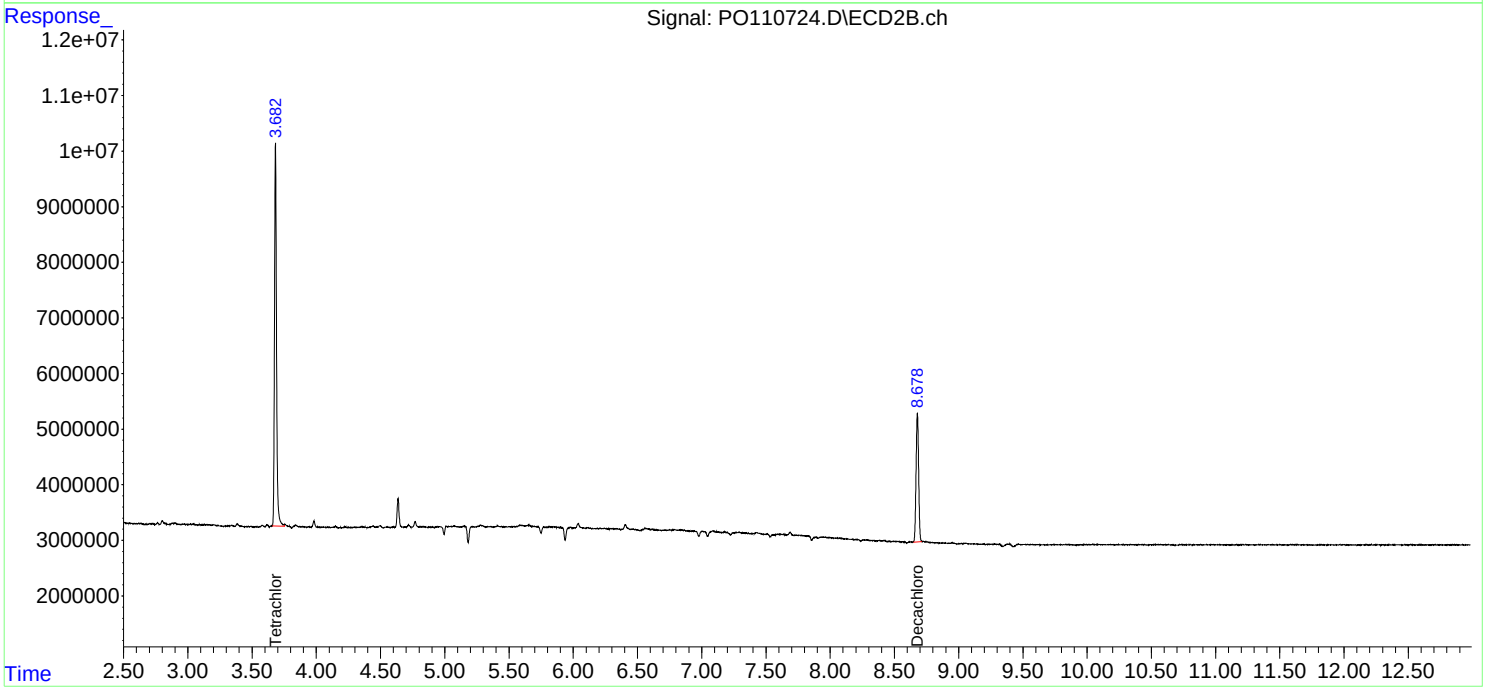
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110724.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 11:14
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

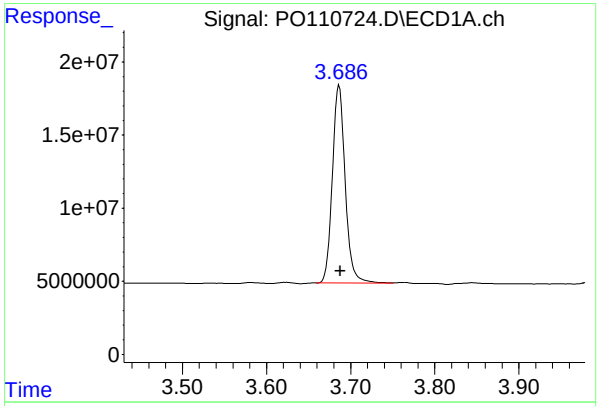
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:21:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



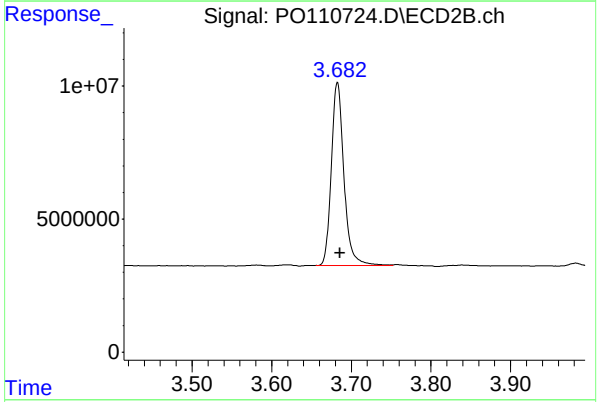




#1 Tetrachloro-m-xylene

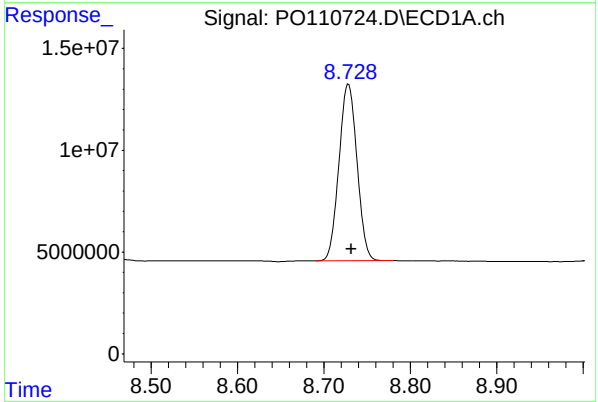
R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 143161569
Conc: 16.36 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



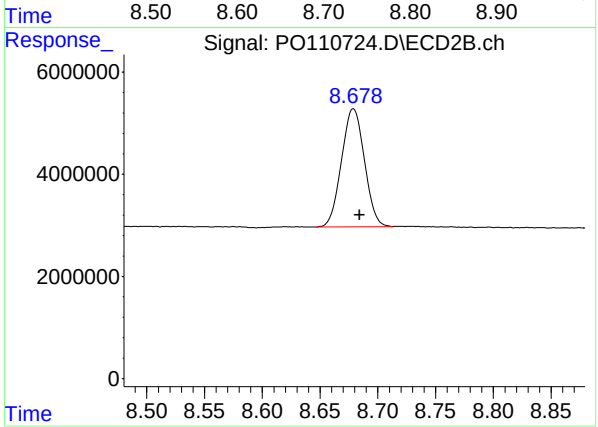
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 75620440
Conc: 15.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.003 min
Response: 125626550
Conc: 15.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 32034660
Conc: 16.64 ng/ml

Raw Data: **PO110739.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/25/25
Project:	RFP 911	Date Received:	04/25/25
Client Sample ID:	PIBLK-PO110739.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110739.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110739.D	1		04/25/25	PO042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.7		60 - 140	73%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.6		60 - 140	73%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110739.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 17:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:26:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.683	137.6E6	73153212	15.731	14.661
2)	SA Decachlor...	8.727	8.680	115.4E6	29319731	14.622	15.231
	Target Compounds						

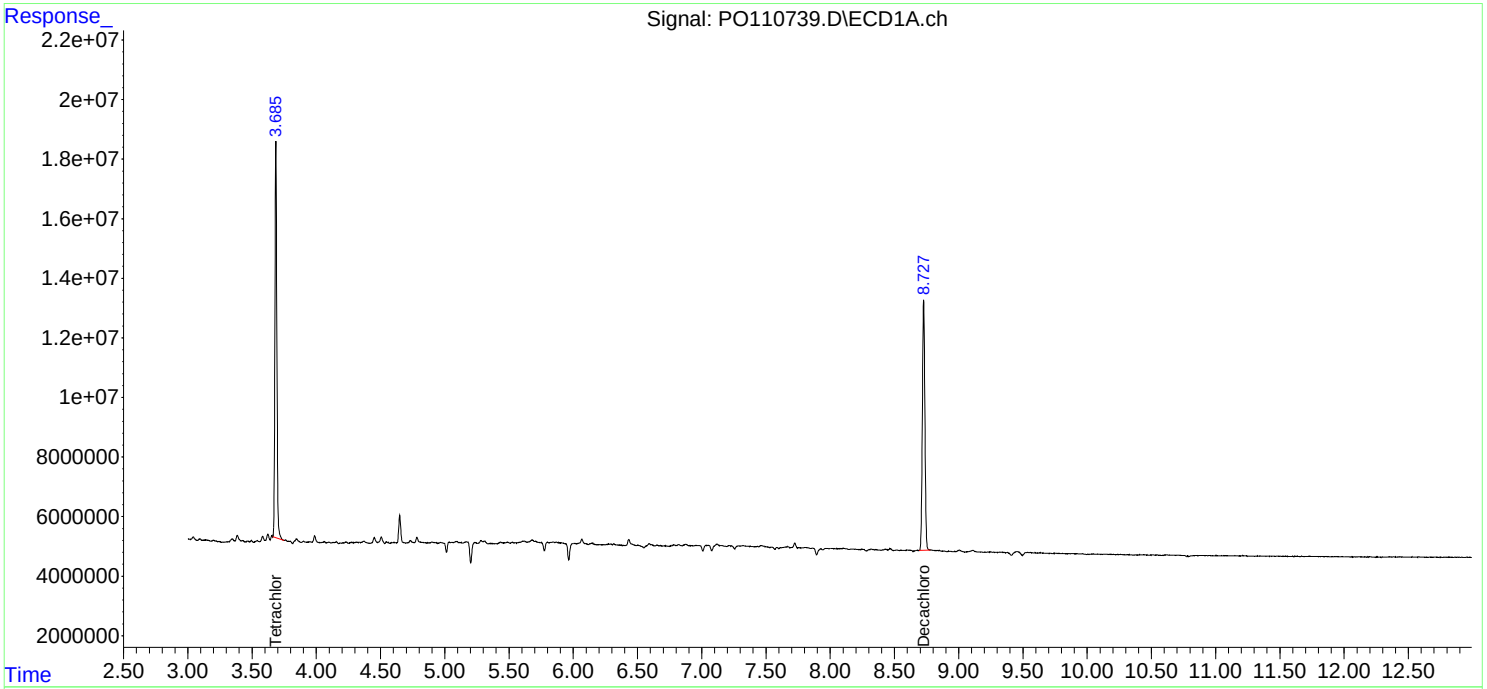
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

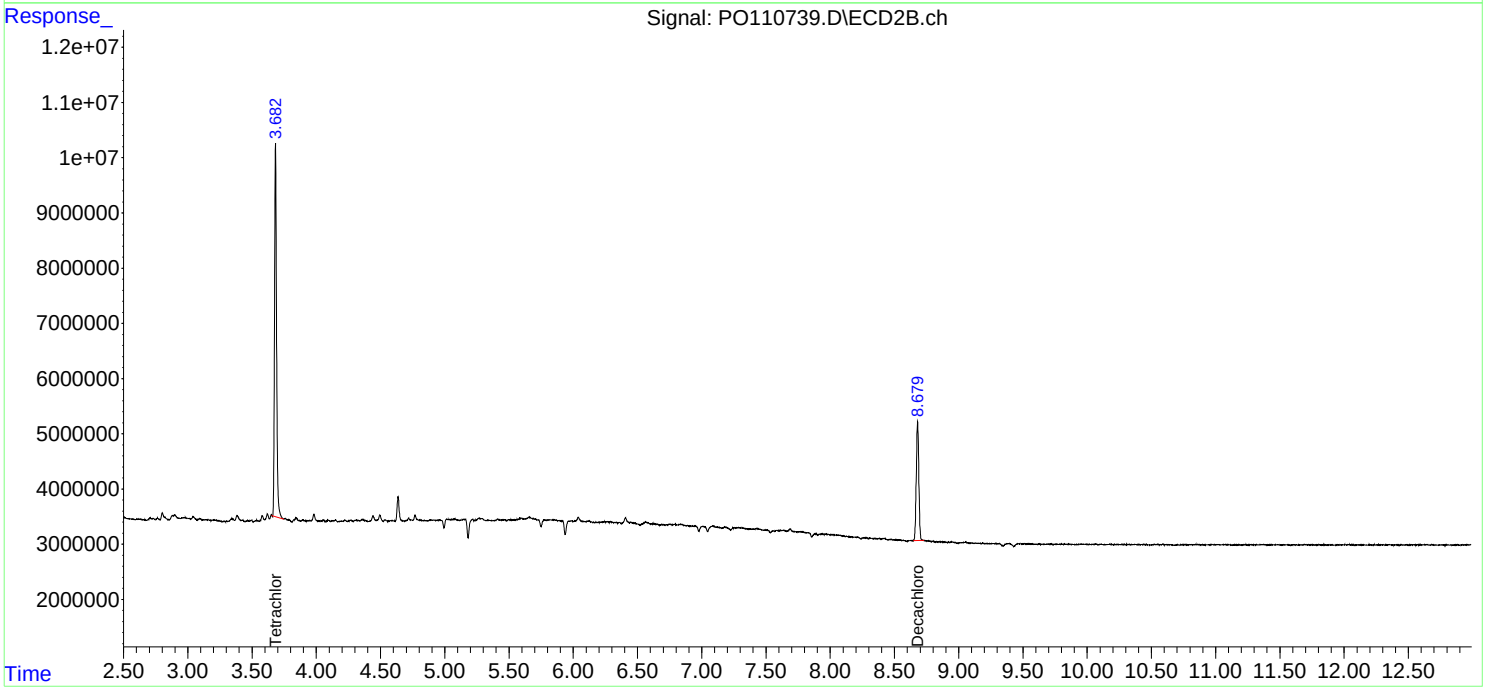
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 17:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

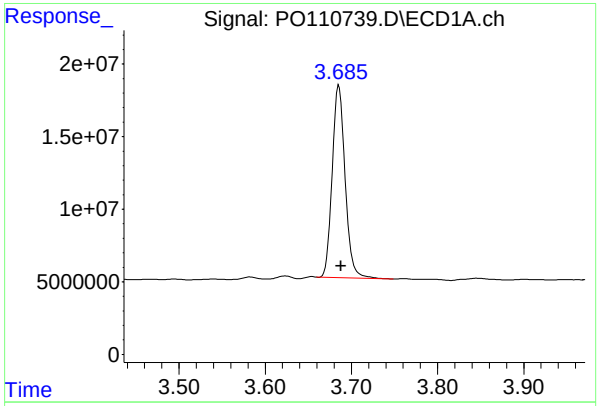
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:26:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



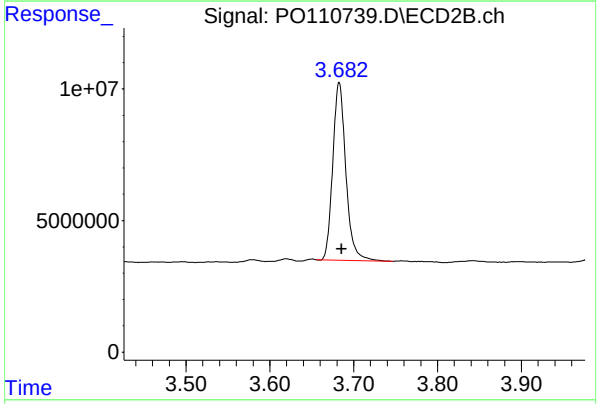




#1 Tetrachloro-m-xylene

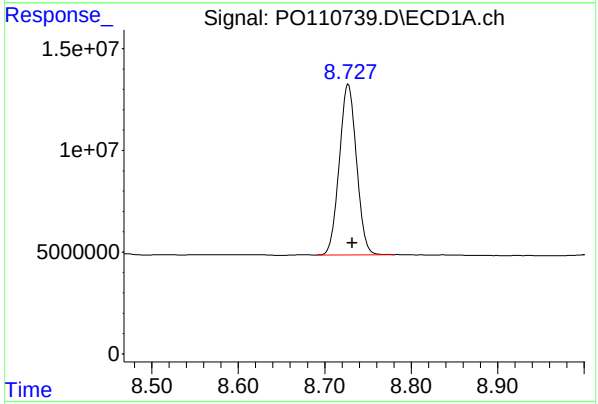
R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 137635070
Conc: 15.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



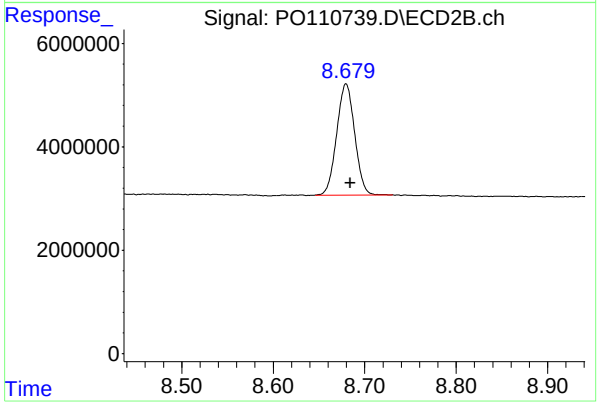
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 73153212
Conc: 14.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 115436565
Conc: 14.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.005 min
Response: 29319731
Conc: 15.23 ng/ml

Raw Data: **PO110754.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/26/25
Project:	RFP 911	Date Received:	04/26/25
Client Sample ID:	PIBLK-PO110754.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110754.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110754.D	1		04/26/25	PO042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.3		60 - 140	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.0		60 - 140	65%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110754.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110754.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2025 00:20
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 02:17:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.684	143.3E6	76219689	16.375	15.275
2)	SA Decachlor...	8.728	8.680	102.5E6	28214045	12.987	14.657
	Target Compounds						

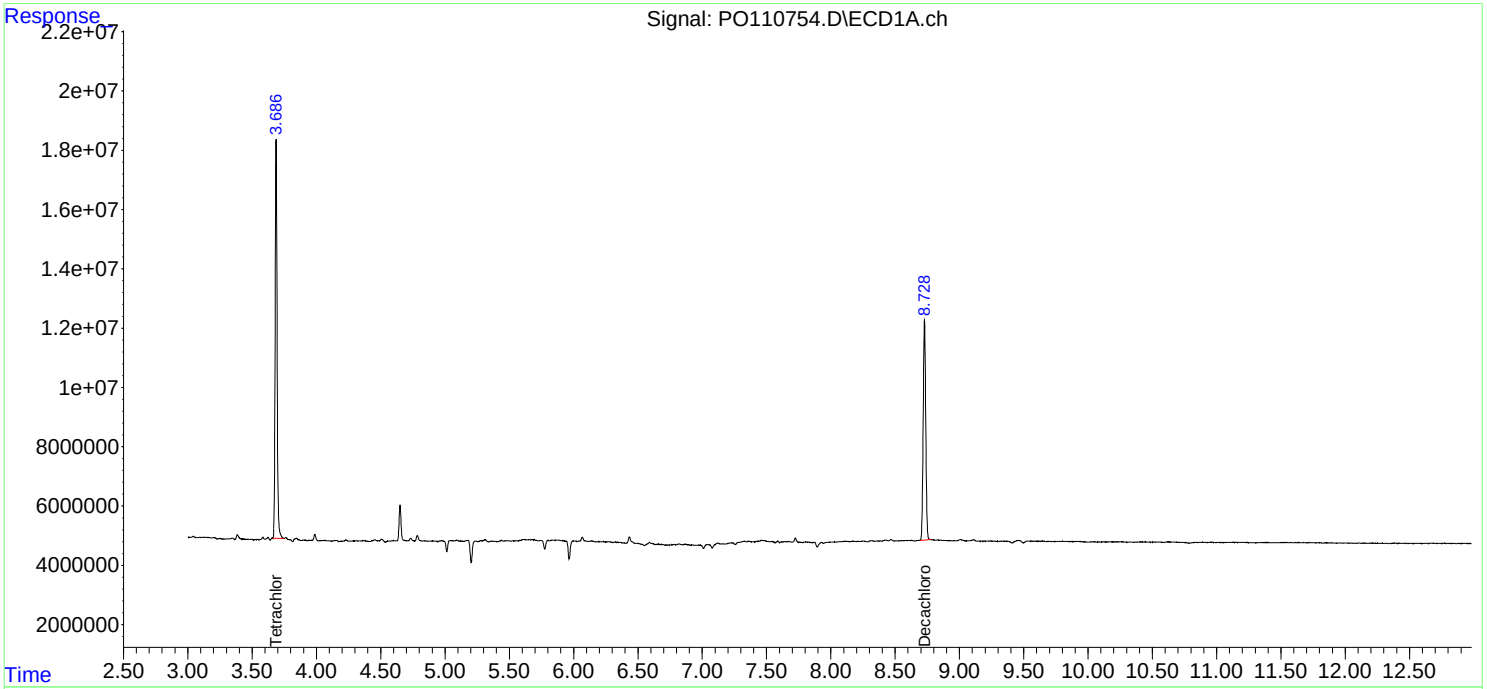
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

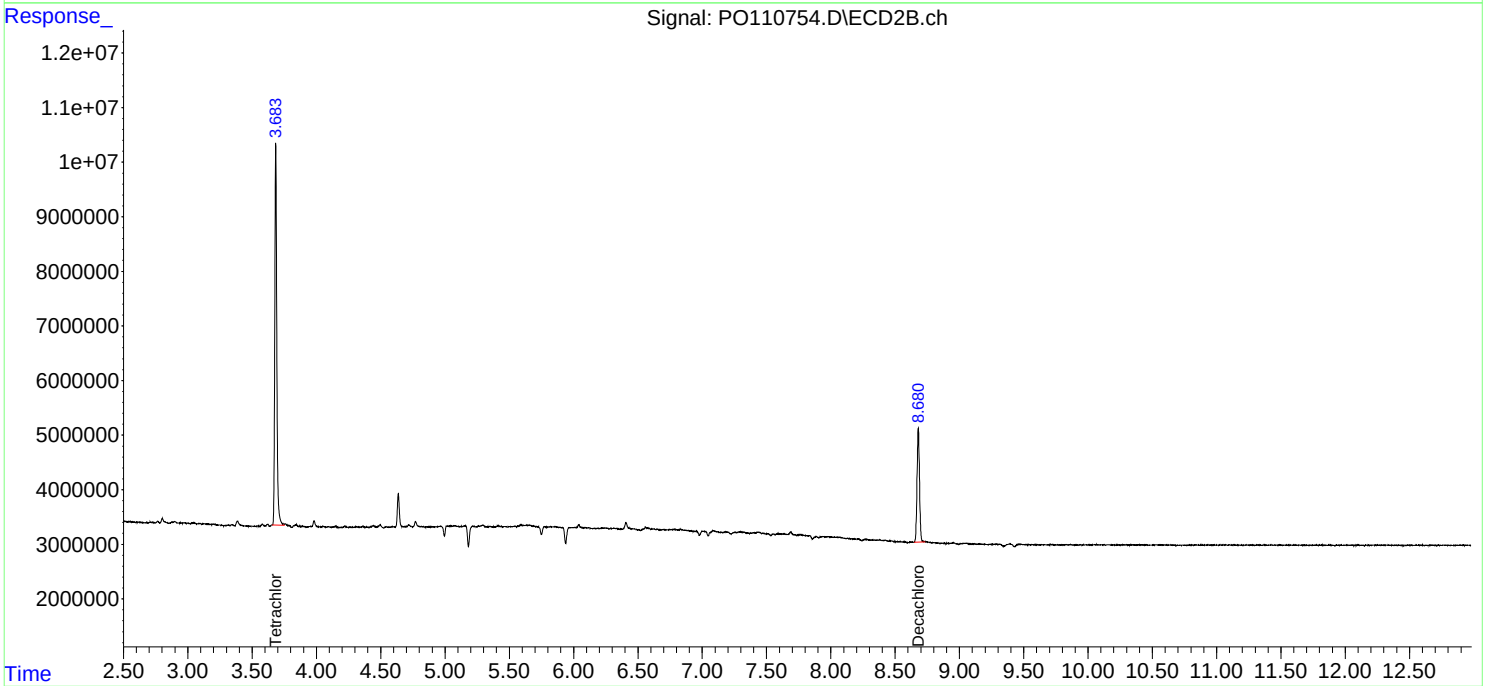
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110754.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2025 00:20
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

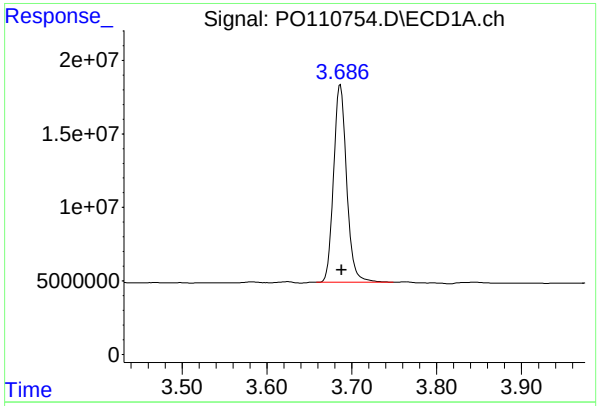
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 02:17:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



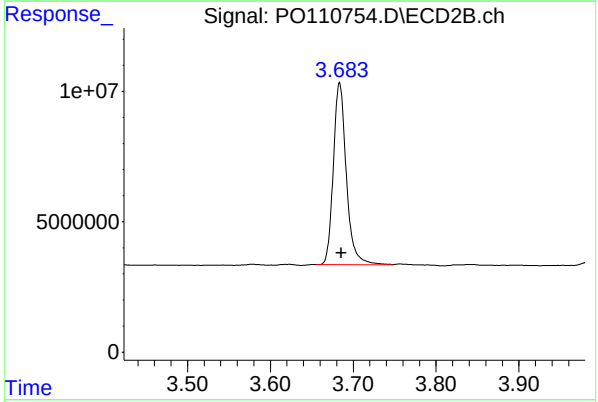




#1 Tetrachloro-m-xylene

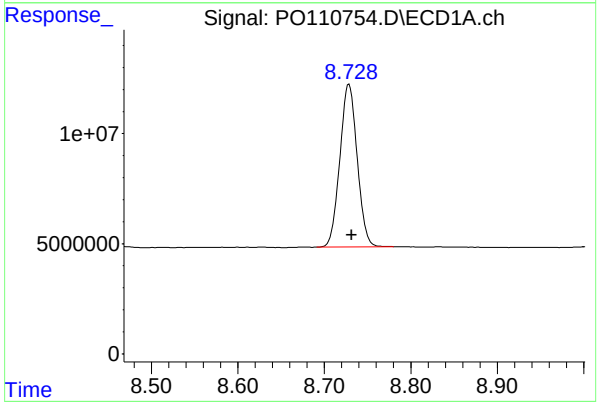
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 143266454
Conc: 16.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



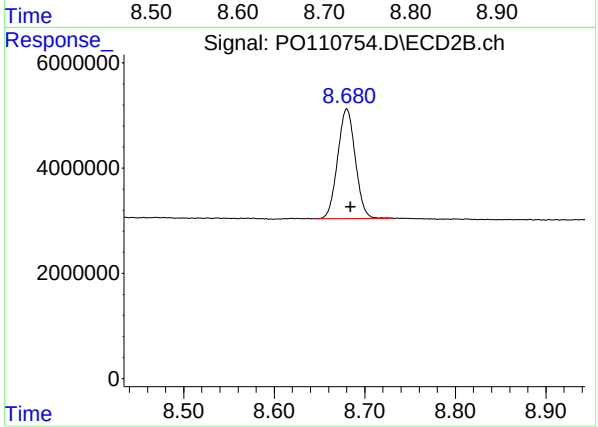
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 76219689
Conc: 15.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.003 min
Response: 102530832
Conc: 12.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 28214045
Conc: 14.66 ng/ml

Raw Data: **PO110769.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/26/25
Project:	RFP 911	Date Received:	04/26/25
Client Sample ID:	PIBLK-PO110769.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110769.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110769.D	1		04/26/25	PO042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.5		60 - 140	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		60 - 140	77%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2025 06:52
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 07:39:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.683	144.5E6	77219525	16.516	15.476
2)	SA Decachlor...	8.729	8.680	121.7E6	30151989	15.417	15.663
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

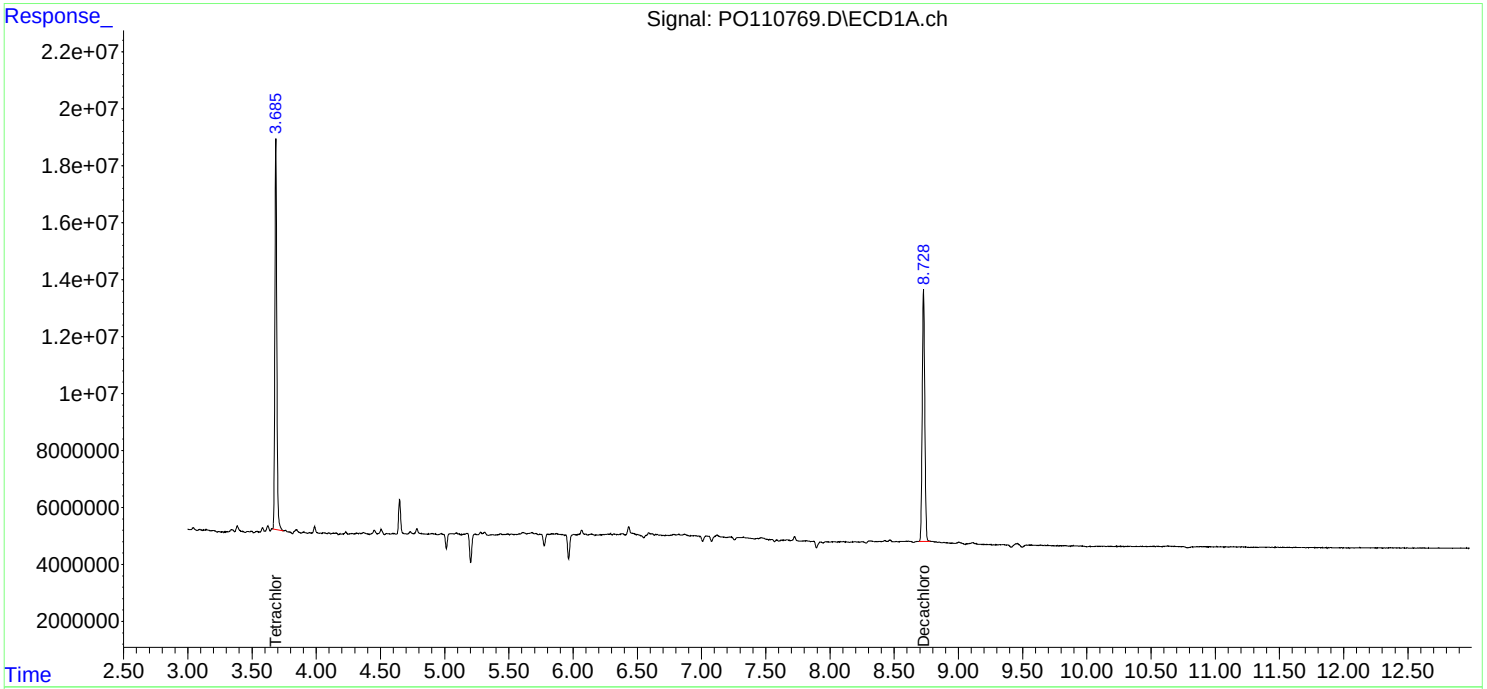
Sample Results: **PO110769.D**

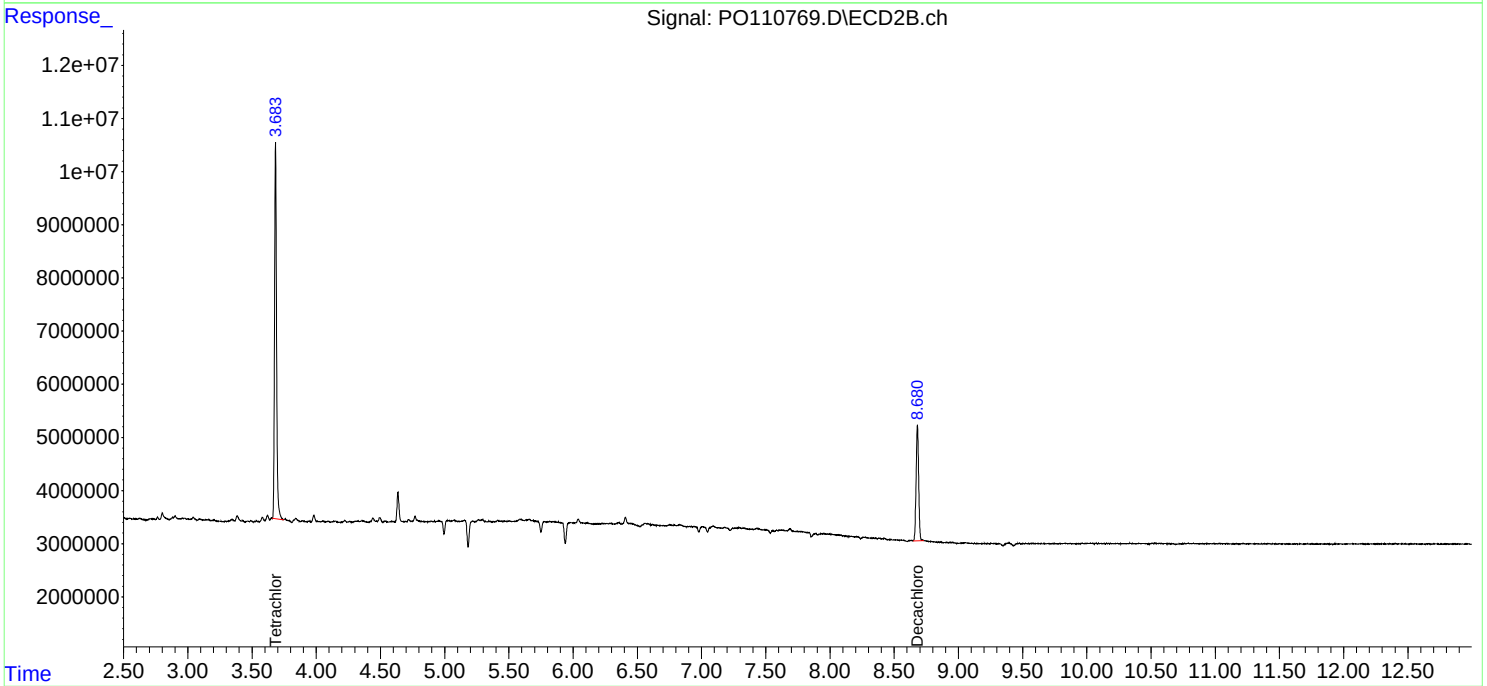
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2025 06:52
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

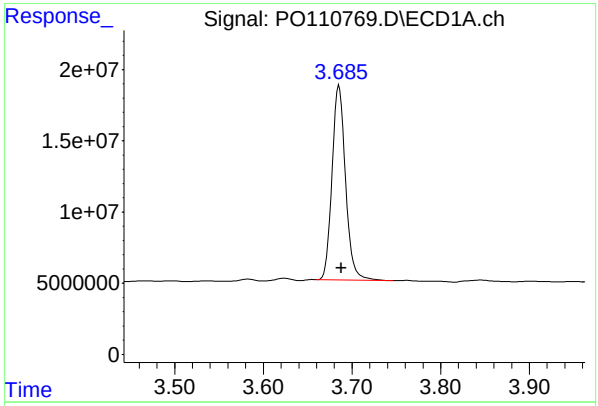
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 07:39:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



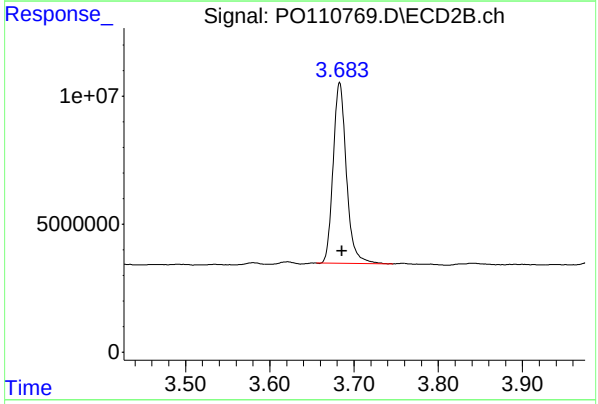




#1 Tetrachloro-m-xylene

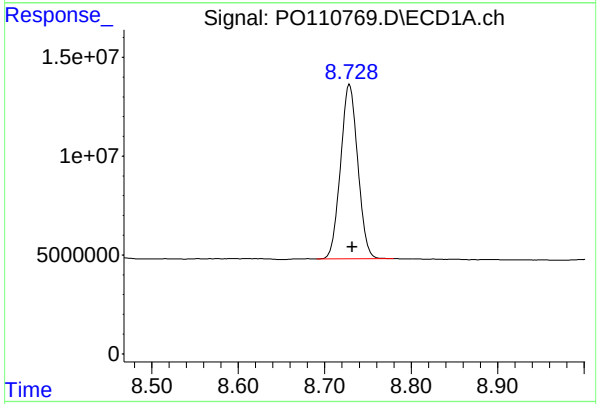
R.T.: 3.685 min
Delta R.T.: -0.003 mi
Response: 144497098
Conc: 16.52 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



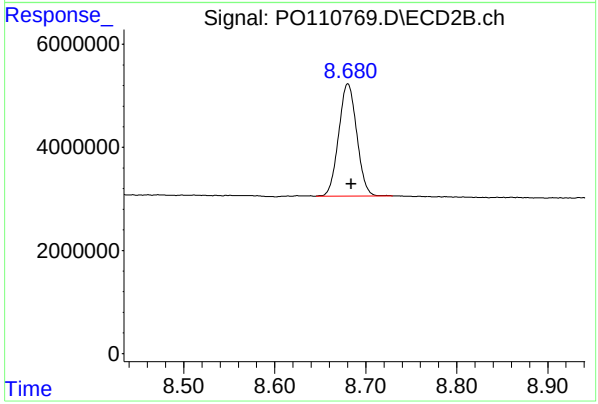
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 77219525
Conc: 15.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 121718552
Conc: 15.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 30151989
Conc: 15.66 ng/ml

Raw Data: **PO110787.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/28/25
Project:	RFP 911	Date Received:	04/28/25
Client Sample ID:	PIBLK-PO110787.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110787.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110787.D	1		04/28/25	PO042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.0		60 - 140	80%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110787.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:21
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:50:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.682	156.8E6	80384642	17.918	16.110
2)	SA Decachlor...	8.727	8.678	126.1E6	32616319	15.976	16.944
	Target Compounds						

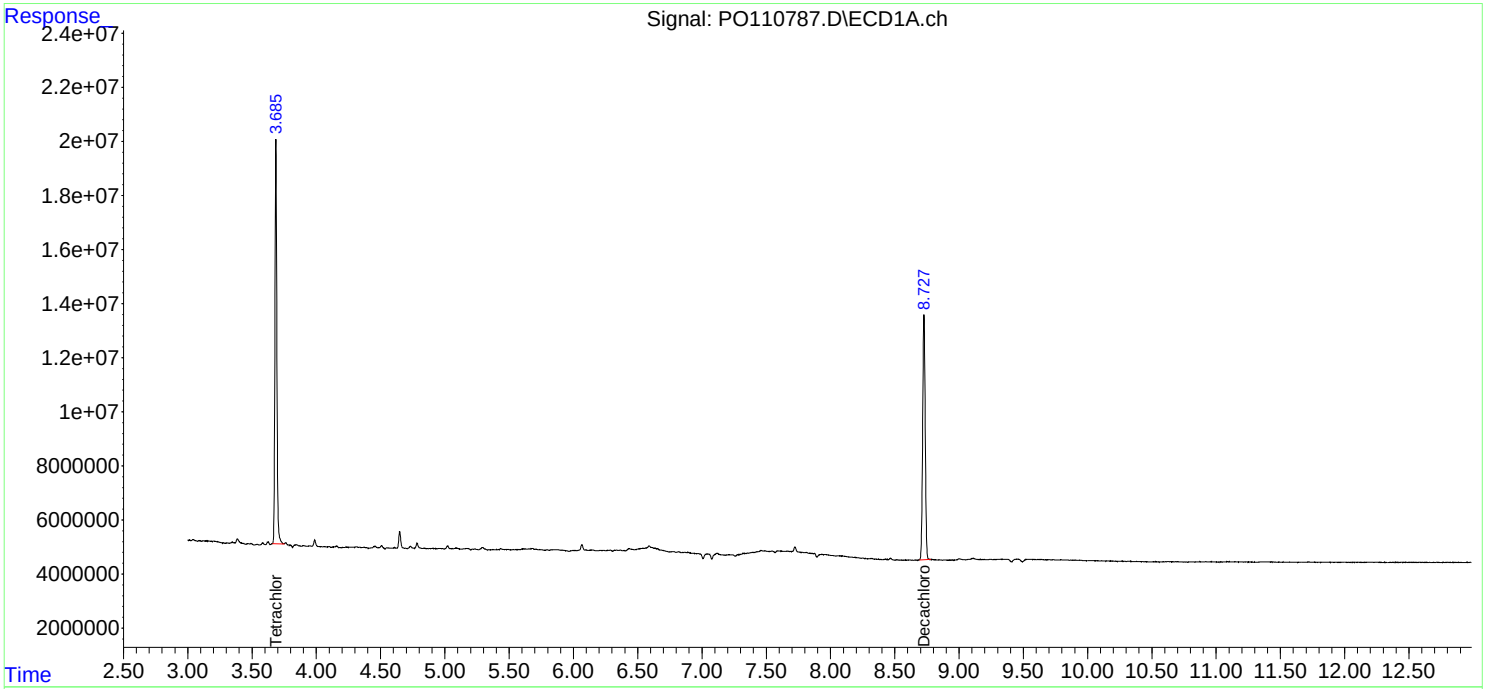
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

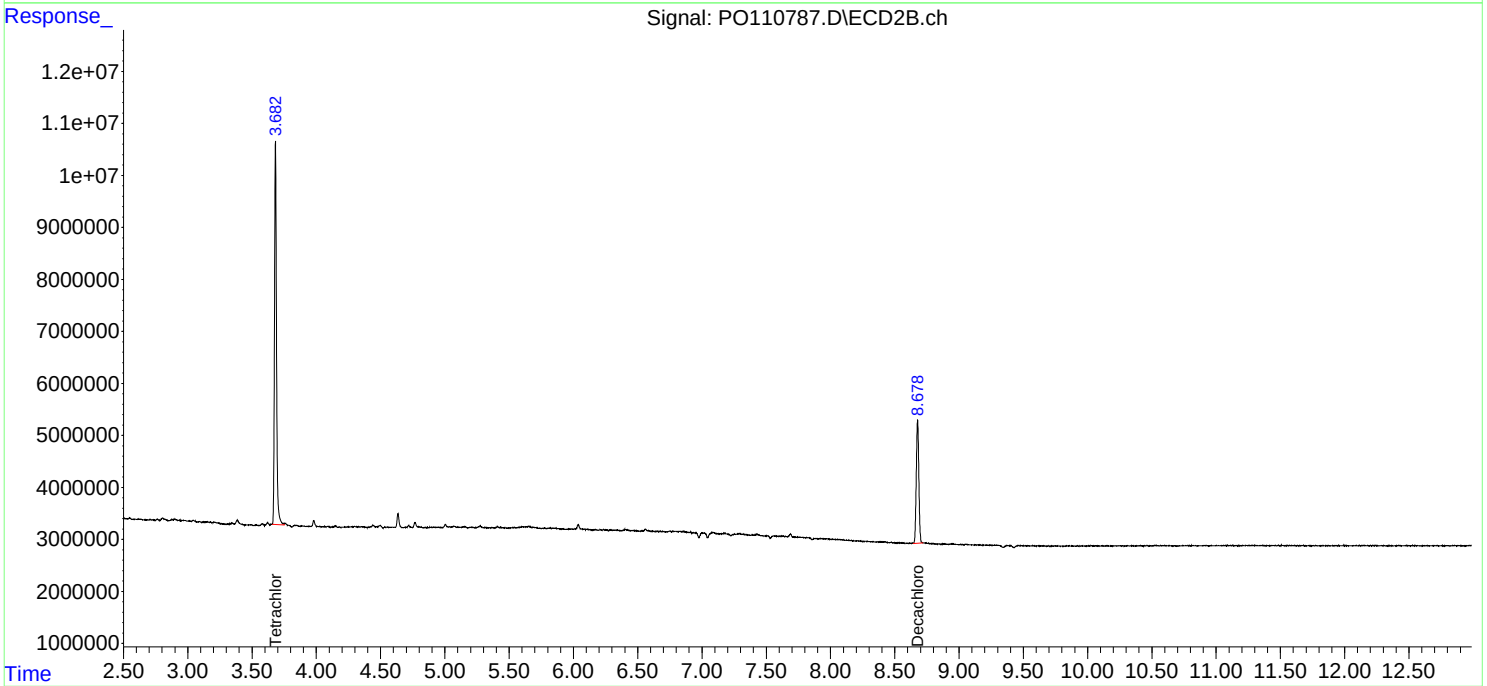
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 10:21
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

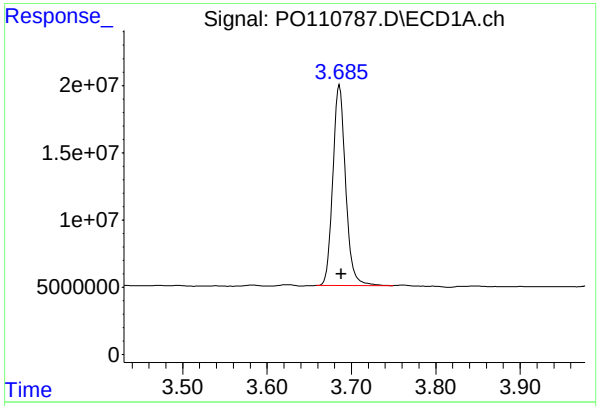
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:50:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



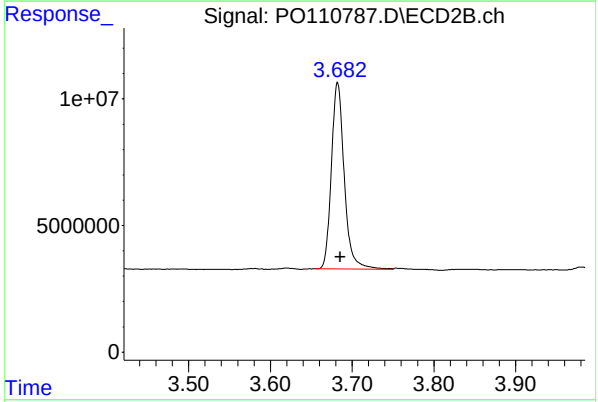




#1 Tetrachloro-m-xylene

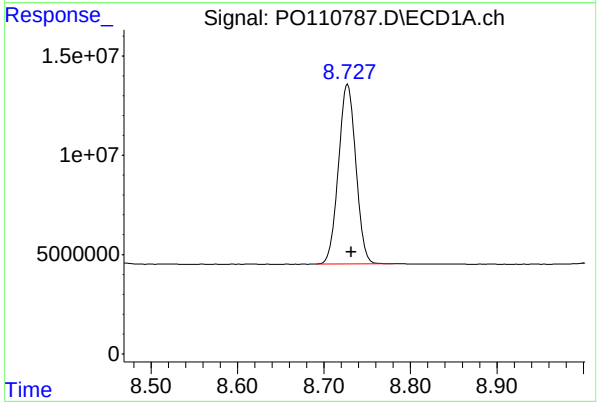
R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 156765110
Conc: 17.92 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



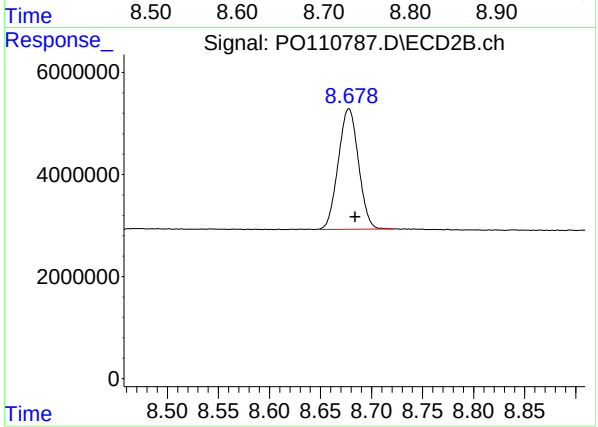
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 80384642
Conc: 16.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 126128033
Conc: 15.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 32616319
Conc: 16.94 ng/ml

Raw Data: **PO110802.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/28/25
Project:	RFP 911	Date Received:	04/28/25
Client Sample ID:	PIBLK-PO110802.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110802.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110802.D	1		04/28/25	PO042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 140	82%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110802.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 15:47
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:55:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.683	155.7E6	80568186	17.796	16.147
2)	SA Decachlor...	8.728	8.679	128.9E6	31641729	16.328	16.437
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

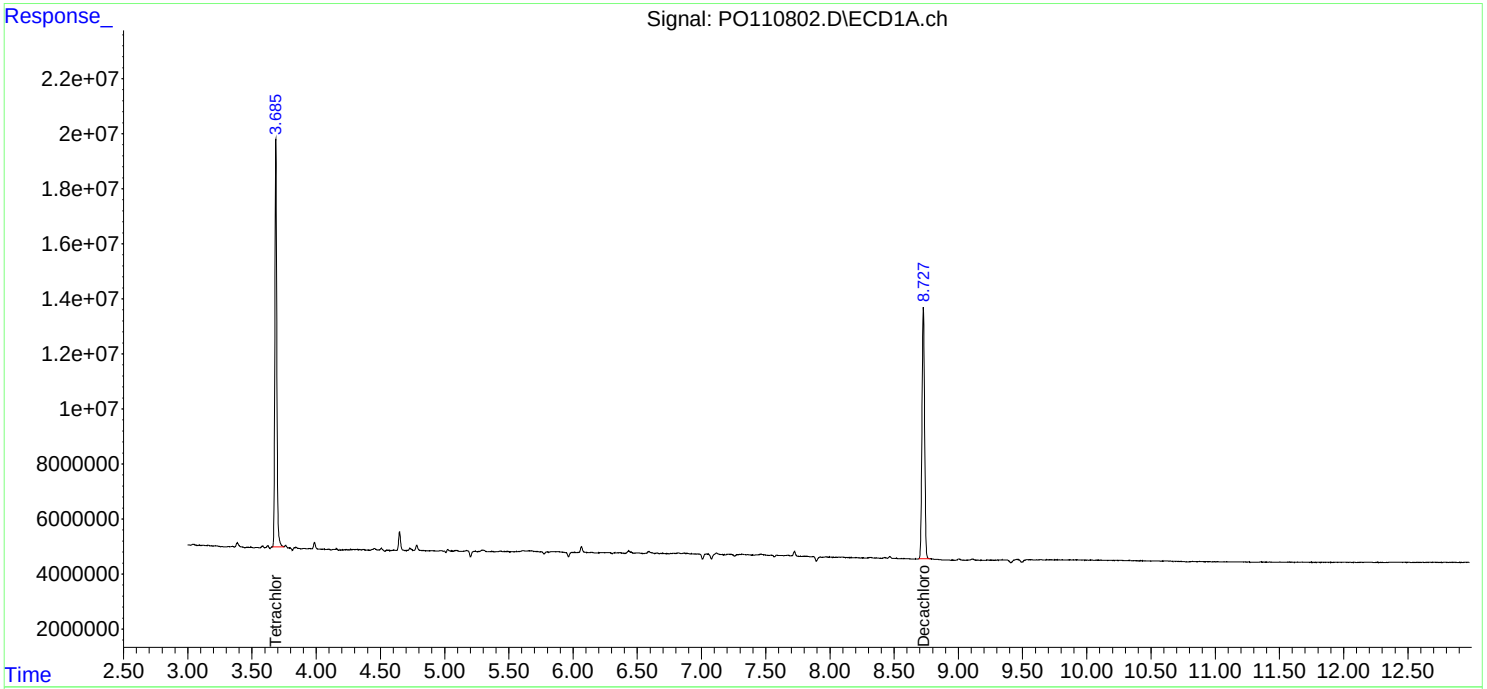
Sample Results: **PO110802.D**

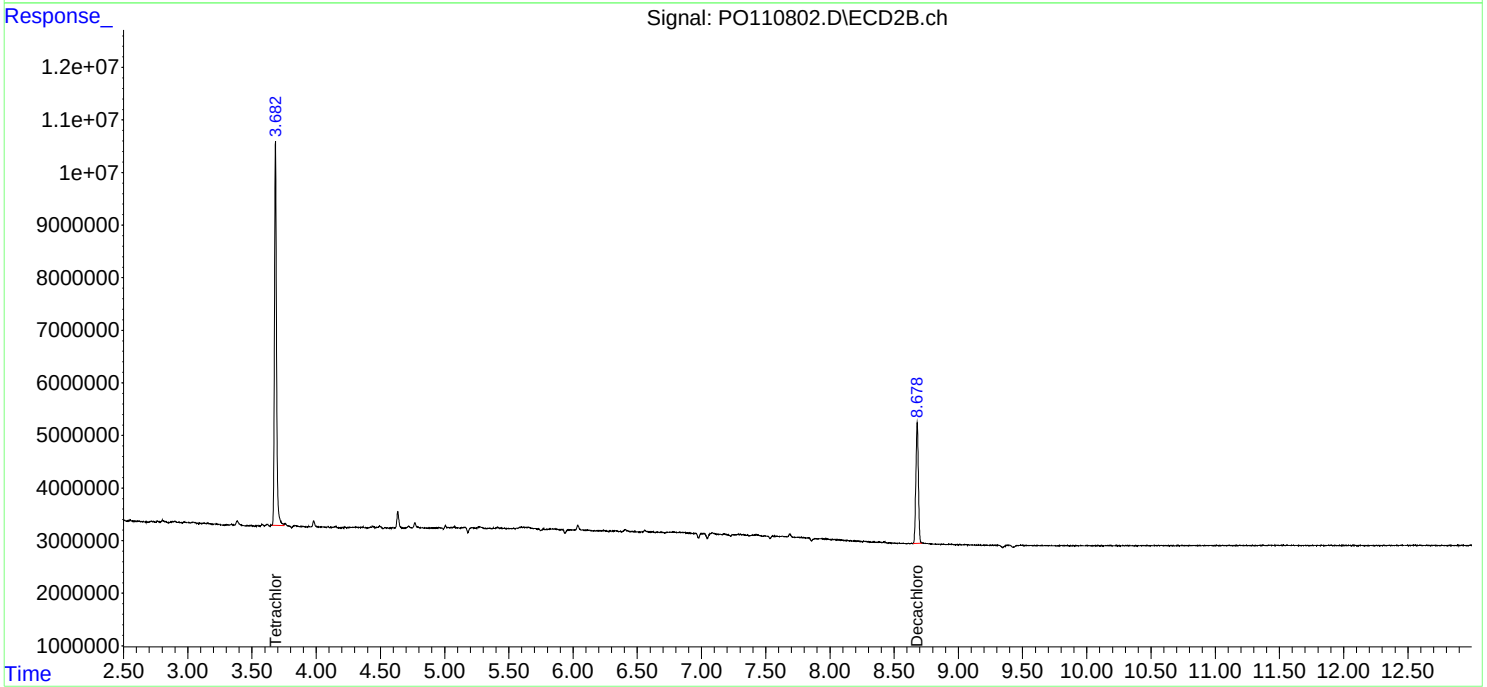
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 15:47
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

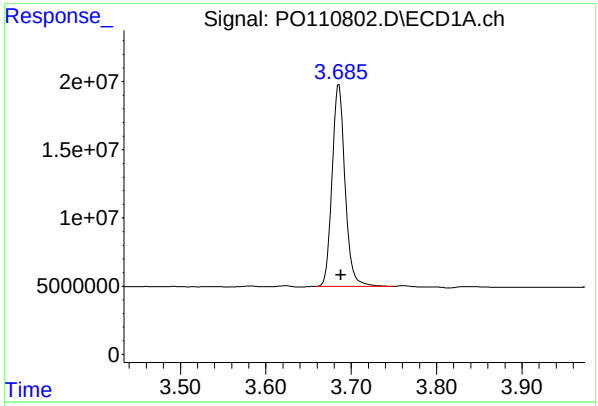
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 00:55:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



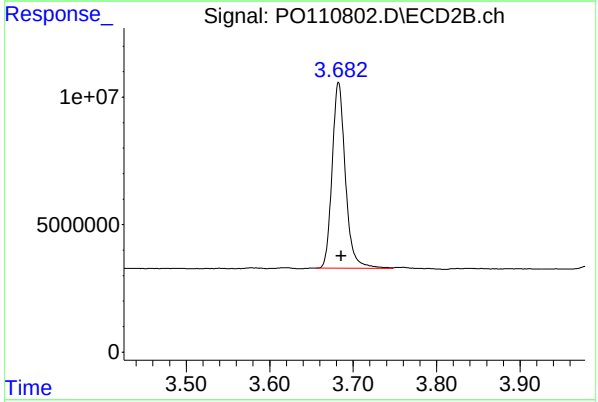




#1 Tetrachloro-m-xylene

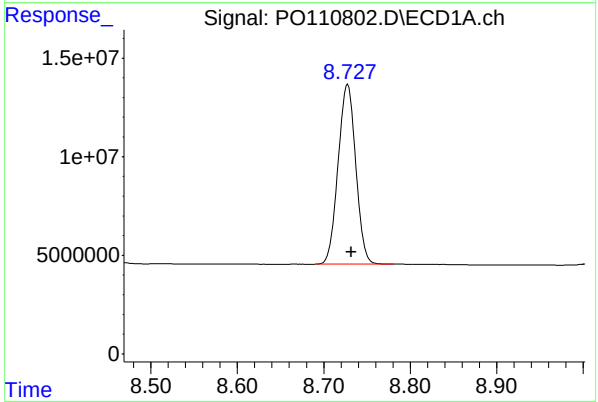
R.T.: 3.685 min
Delta R.T.: -0.003 mi
Response: 155702071
Conc: 17.80 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



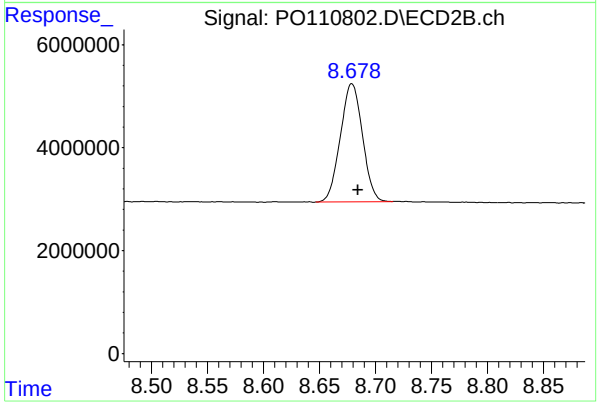
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 80568186
Conc: 16.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.004 min
Response: 128905537
Conc: 16.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 31641729
Conc: 16.44 ng/ml

Raw Data: **PO110817.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/28/25
Project:	RFP 911	Date Received:	04/28/25
Client Sample ID:	PIBLK-PO110817.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110817.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110817.D	1		04/28/25	PO042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.2		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		60 - 140	80%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110817.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110817.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 21:29
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:04:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.682	155.1E6	81046679	17.723	16.243
2)	SA Decachlor...	8.726	8.677	125.6E6	30953597	15.910	16.080
	Target Compounds						

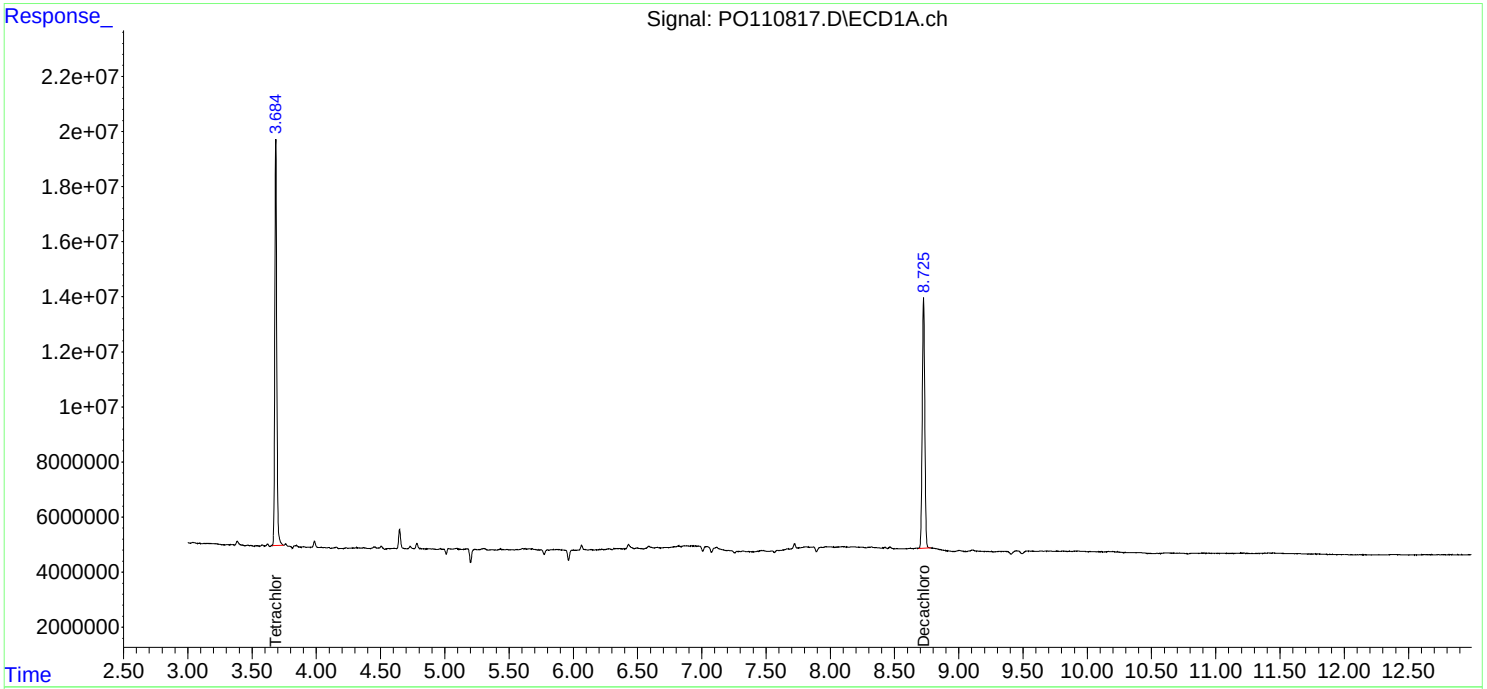
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

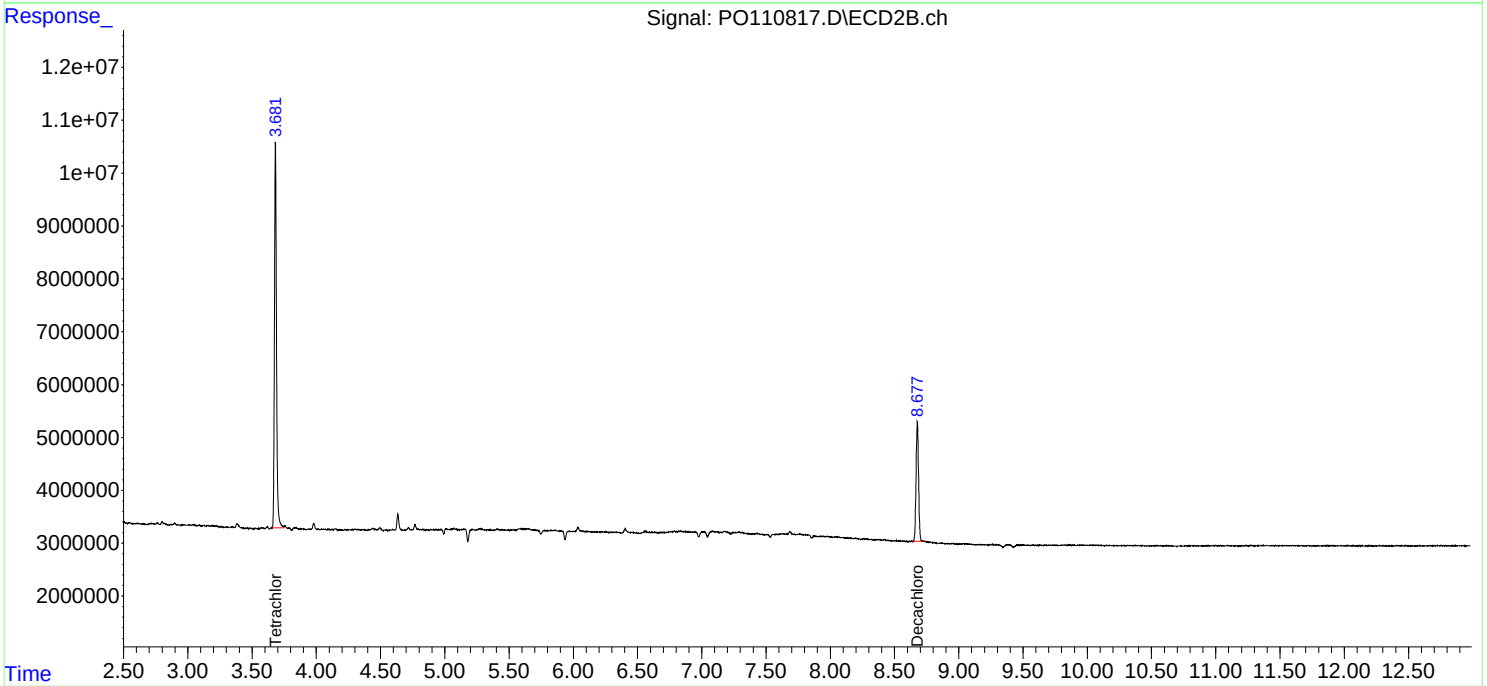
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110817.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 21:29
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

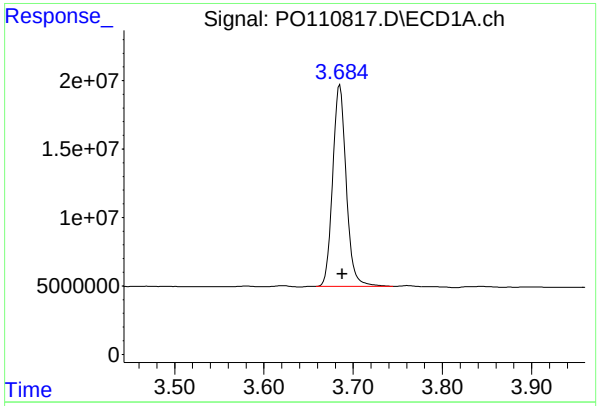
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:04:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



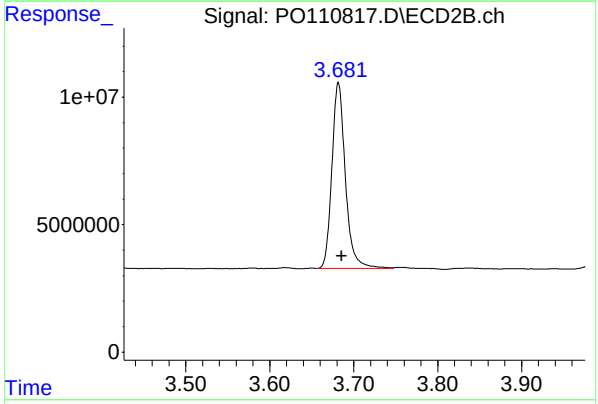




#1 Tetrachloro-m-xylene

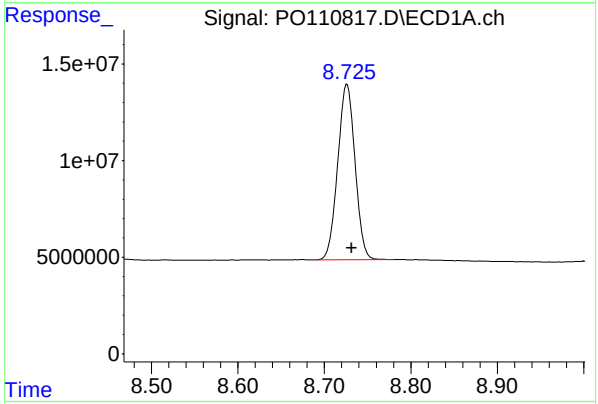
R.T.: 3.685 min
Delta R.T.: -0.003 mi
Response: 155060043
Conc: 17.72 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



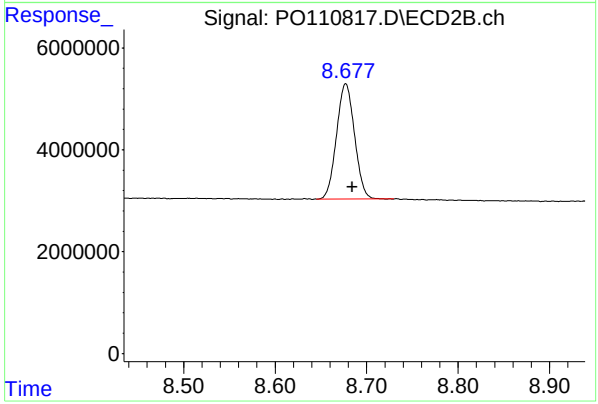
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 81046679
Conc: 16.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.006 min
Response: 125608855
Conc: 15.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.007 min
Response: 30953597
Conc: 16.08 ng/ml

Raw Data: **PO110832.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/29/25
Project:	RFP 911	Date Received:	04/29/25
Client Sample ID:	PIBLK-PO110832.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110832.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110832.D	1		04/29/25	PO042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		60 - 140	80%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110832.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 03:26
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 06:09:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	153.4E6	80079019	17.530	16.049
2)	SA Decachlor...	8.727	8.678	127.3E6	30707384	16.124	15.952
	Target Compounds						

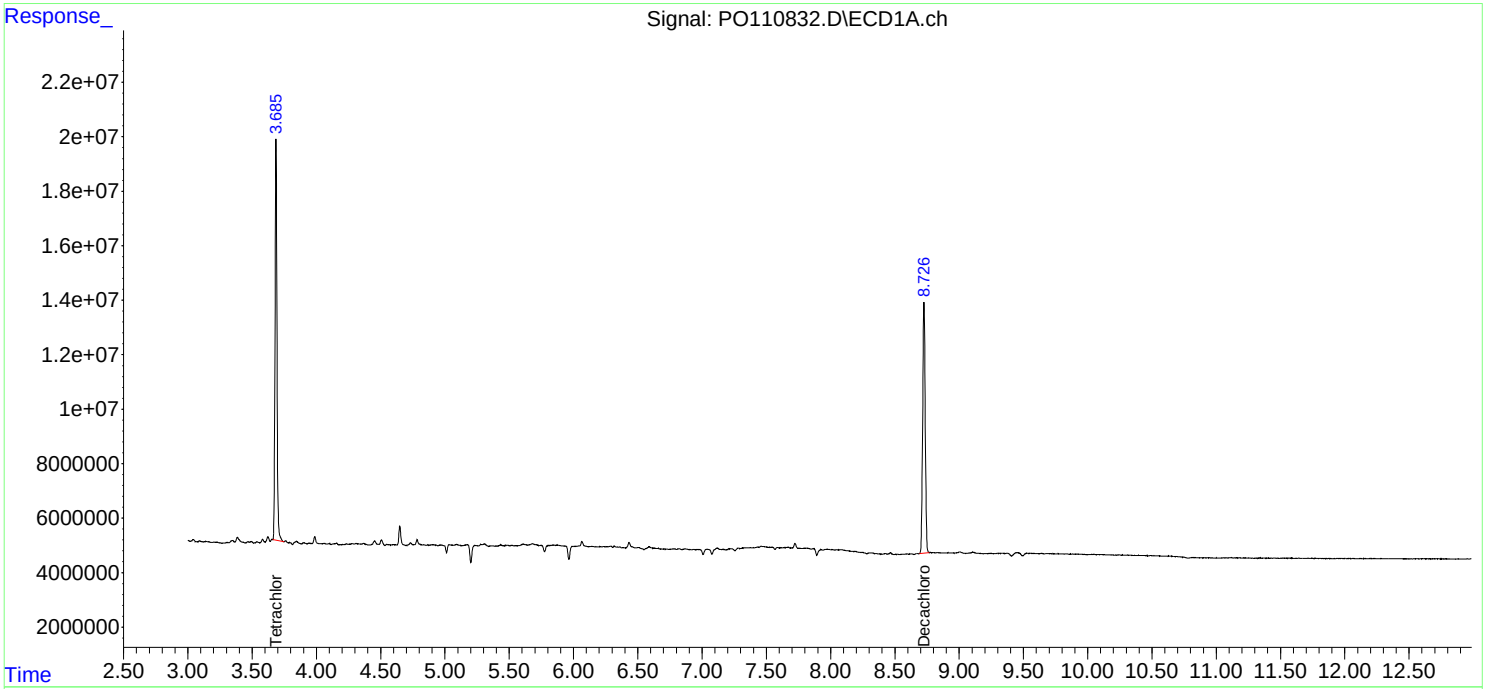
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

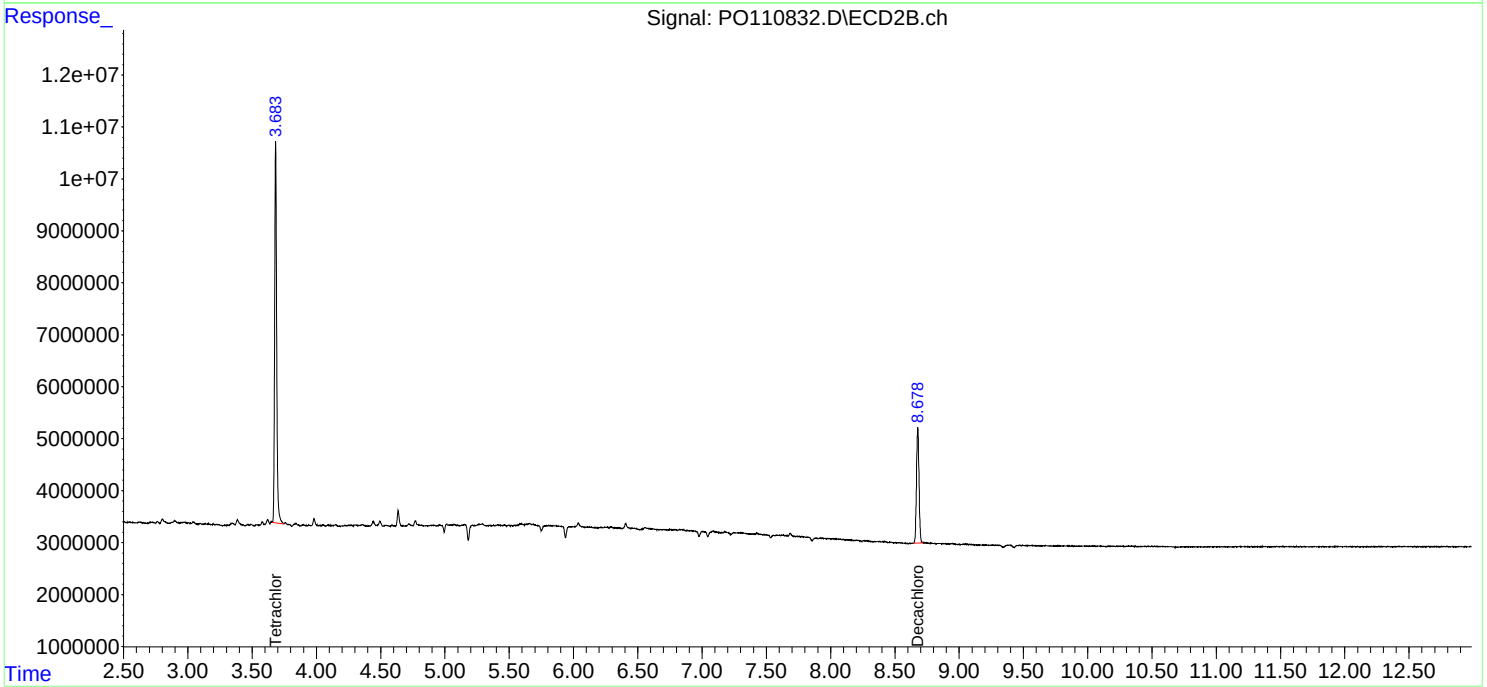
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 03:26
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

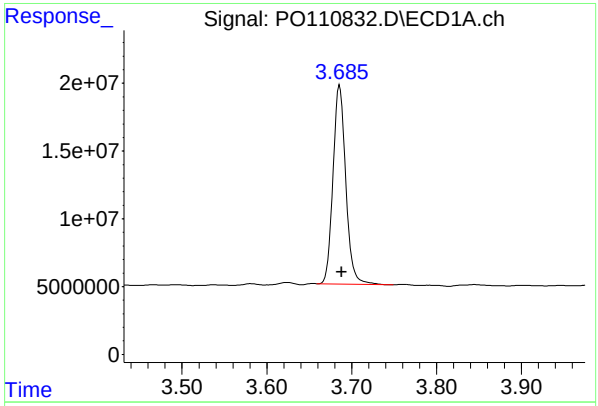
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 06:09:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



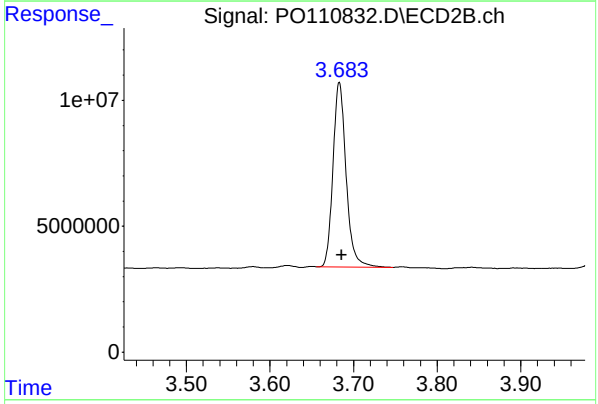




#1 Tetrachloro-m-xylene

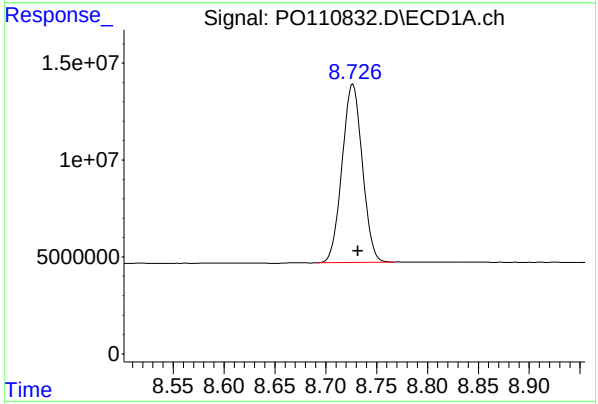
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 153372721
Conc: 17.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



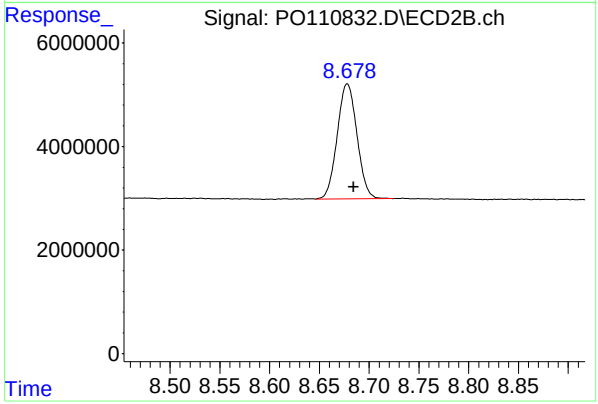
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 80079019
Conc: 16.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 127297720
Conc: 16.12 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 30707384
Conc: 15.95 ng/ml

Raw Data: **PO110844.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/29/25
Project:	RFP 911	Date Received:	04/29/25
Client Sample ID:	PIBLK-PO110844.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110844.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110844.D	1		04/29/25	PO042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.5		60 - 140	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		60 - 140	83%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110844.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 08:29
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 08:47:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	157.2E6	82500707	17.970	16.534
2)	SA Decachlor...	8.727	8.678	130.6E6	33115121	16.543	17.203
	Target Compounds						

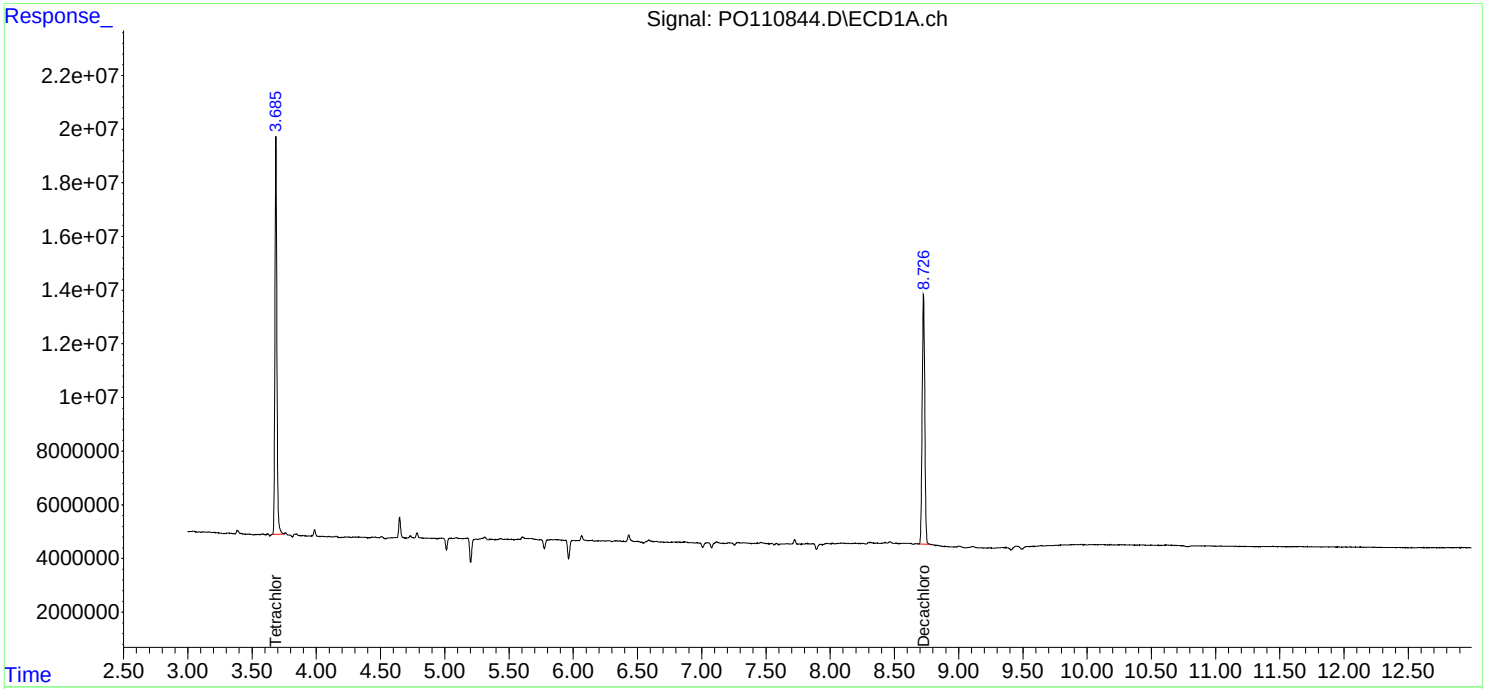
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

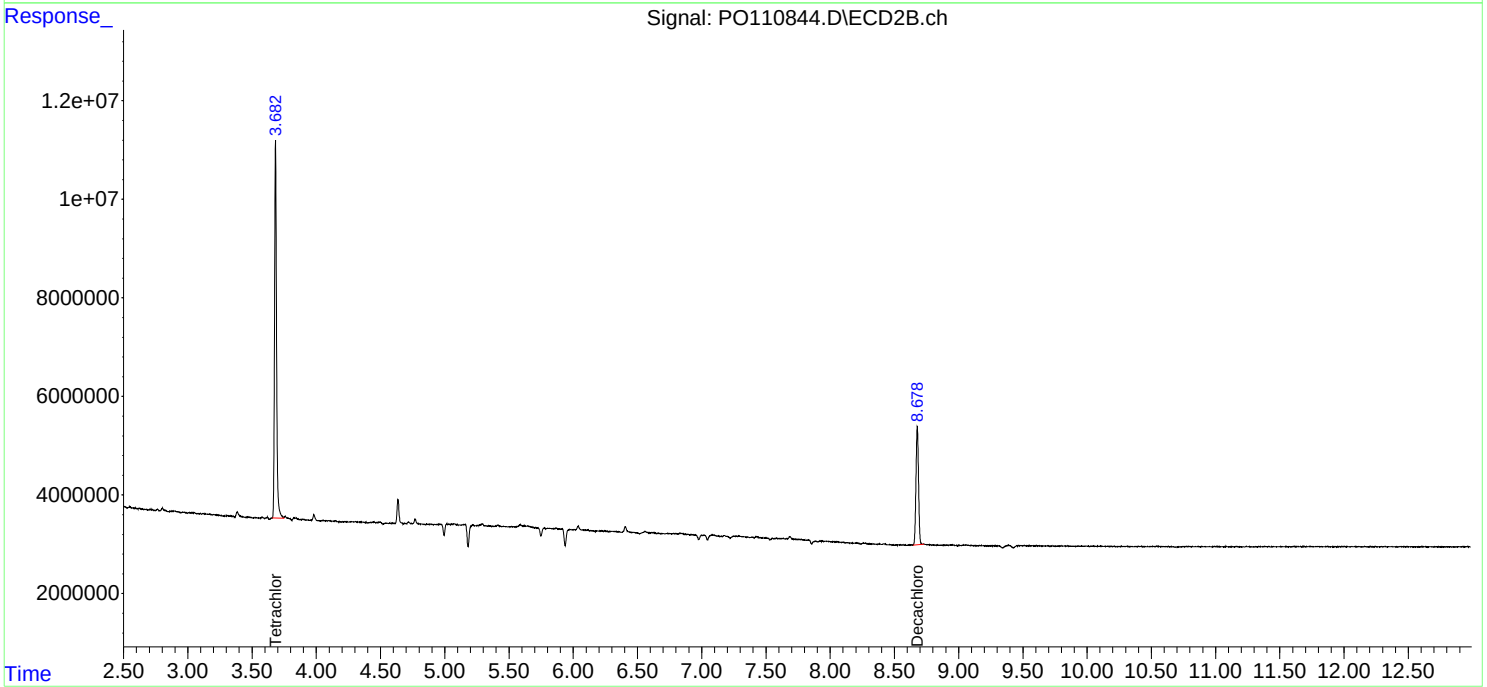
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042825\
Data File : PO110844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 08:29
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

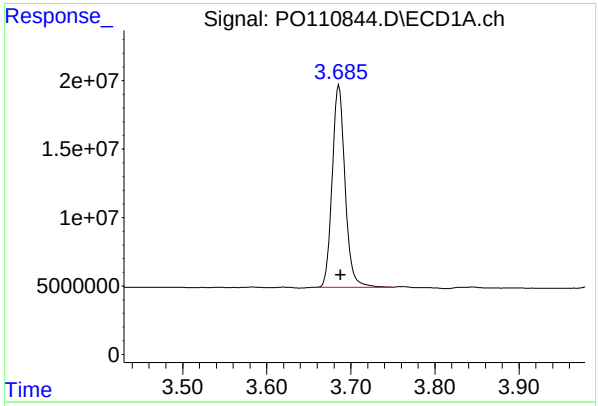
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 08:47:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



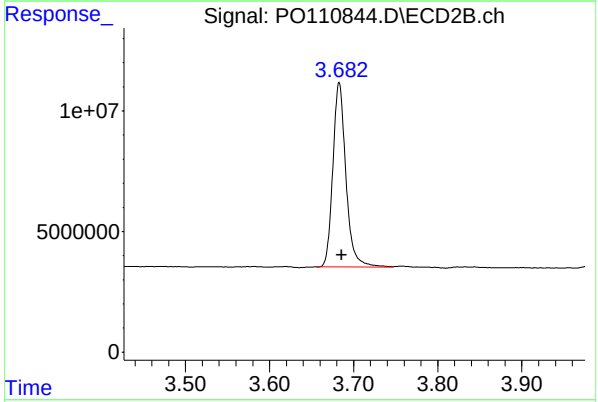




#1 Tetrachloro-m-xylene

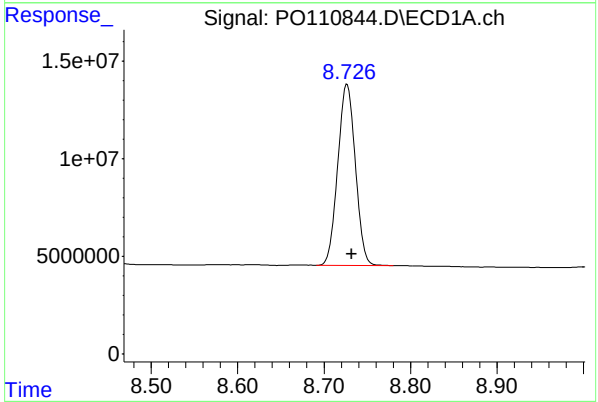
R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 157224321
Conc: 17.97 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



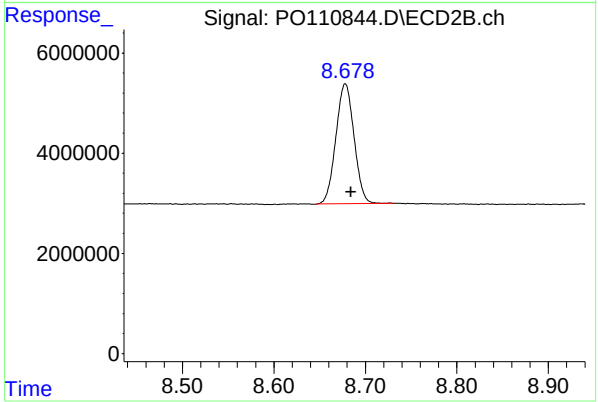
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 82500707
Conc: 16.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 130606030
Conc: 16.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 33115121
Conc: 17.20 ng/ml

Raw Data: **PO110850.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/29/25
Project:	RFP 911	Date Received:	04/29/25
Client Sample ID:	PIBLK-PO110850.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110850.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110850.D	1		04/29/25	PO042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.6		60 - 140	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		60 - 140	84%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110850.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110850.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 10:40
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:23:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.682	157.3E6	82558016	17.974	16.545
2)	SA Decachlor...	8.726	8.678	133.5E6	32185923	16.914	16.720
	Target Compounds						

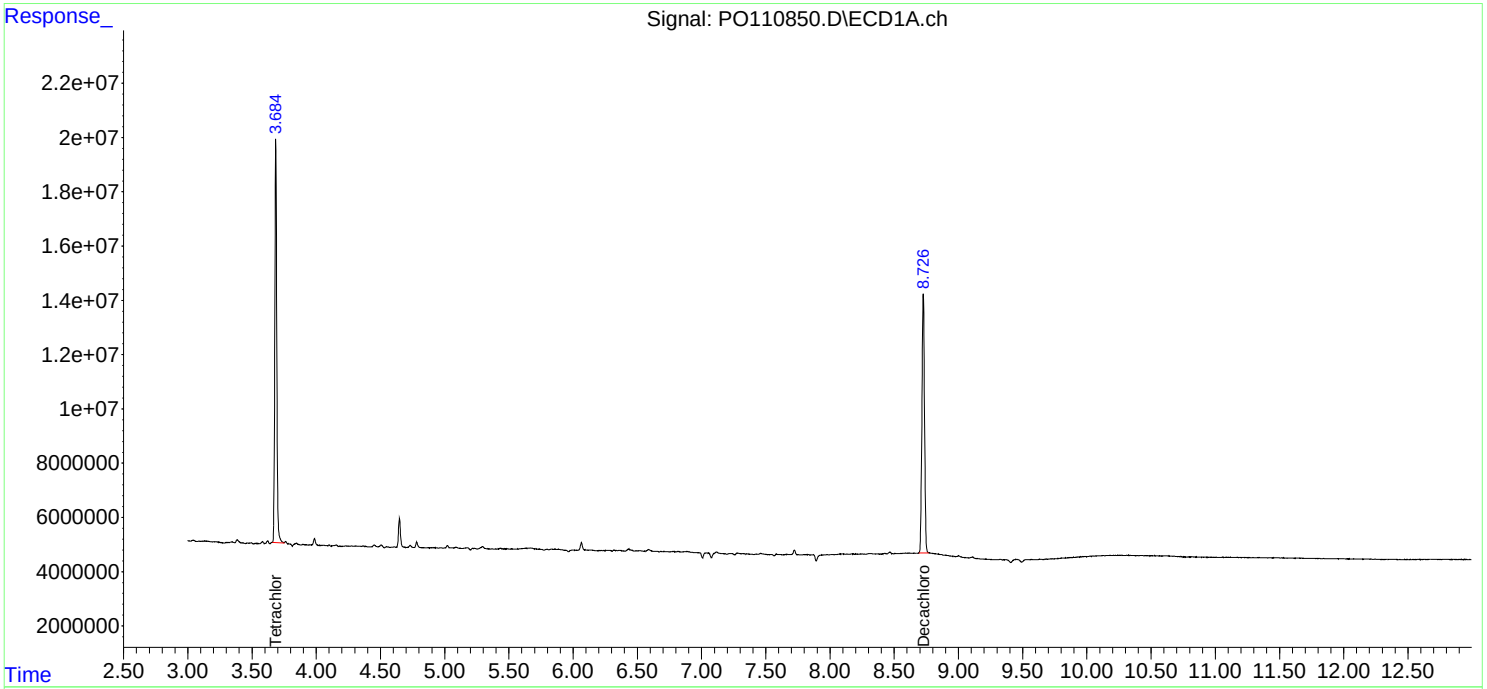
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

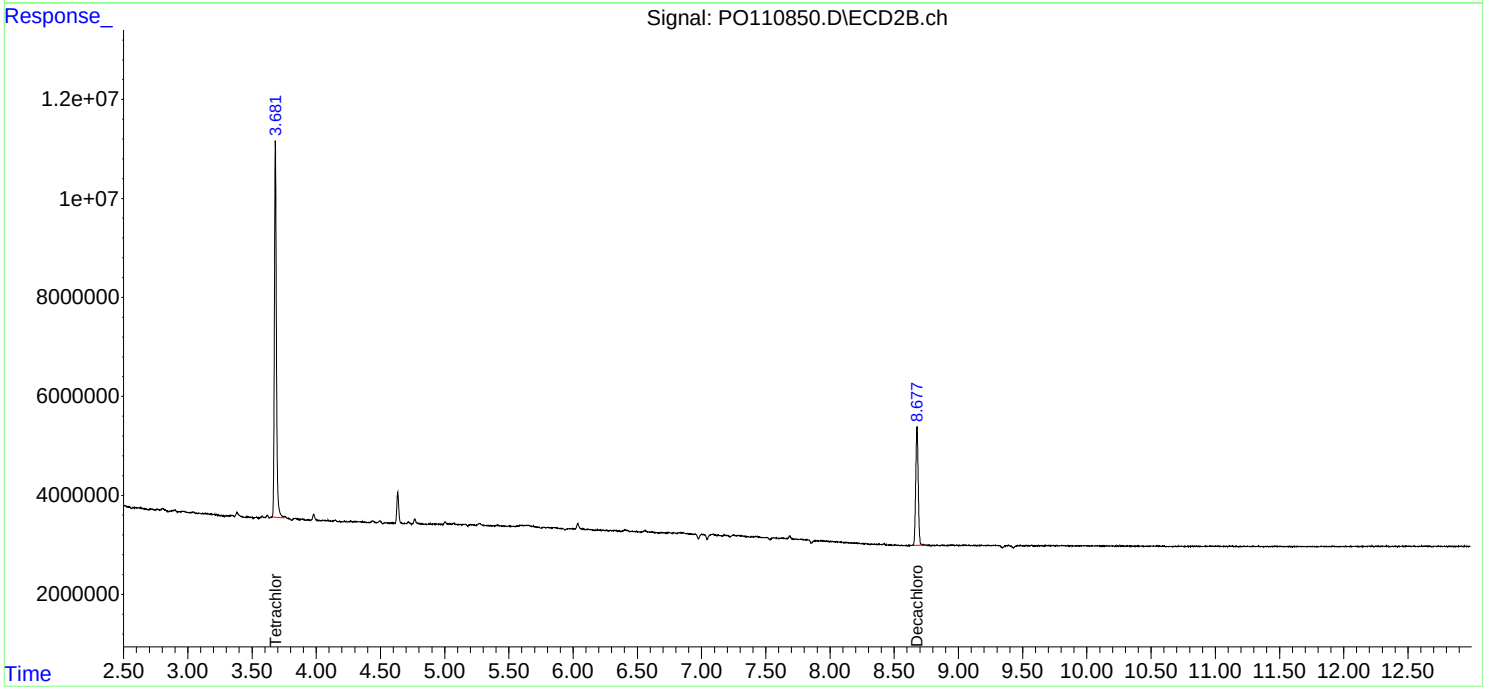
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110850.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 10:40
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

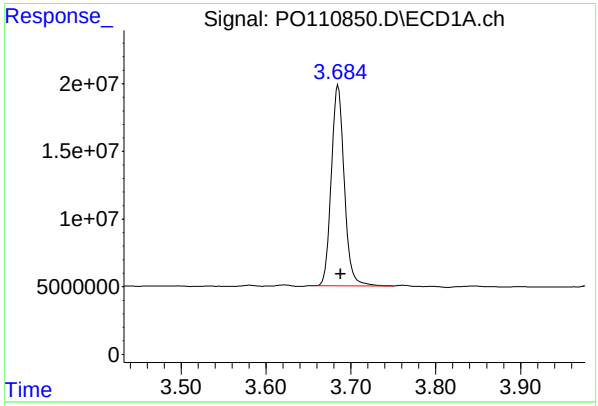
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:23:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



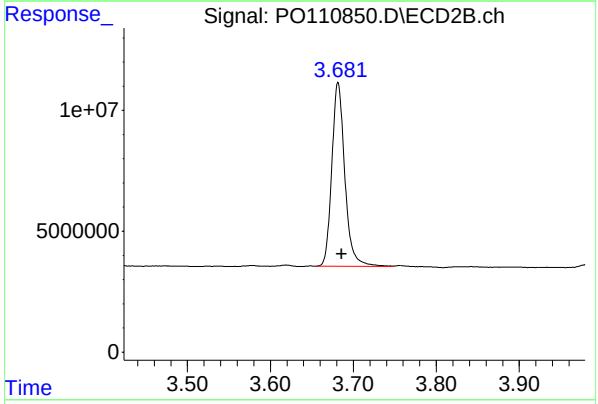




#1 Tetrachloro-m-xylene

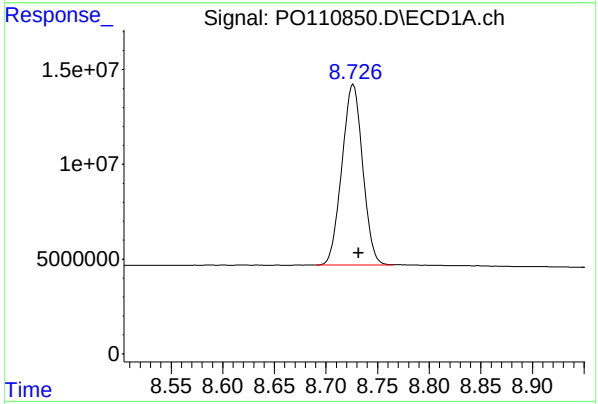
R.T.: 3.685 min
Delta R.T.: -0.003 min
Response: 157253270
Conc: 17.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



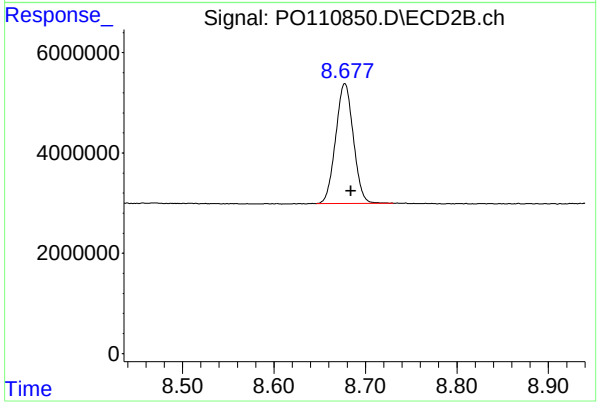
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.004 min
Response: 82558016
Conc: 16.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.005 min
Response: 133536169
Conc: 16.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.007 min
Response: 32185923
Conc: 16.72 ng/ml

Raw Data: **PO110865.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/29/25
Project:	RFP 911	Date Received:	04/29/25
Client Sample ID:	PIBLK-PO110865.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PO110865.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110865.D	1		04/29/25	PO042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.9		60 - 140	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		60 - 140	85%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PO110865.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 17:29
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.683	161.0E6	84295389	18.397	16.894
2)	SA Decachlor...	8.729	8.680	138.3E6	32608782	17.513	16.940
	Target Compounds						

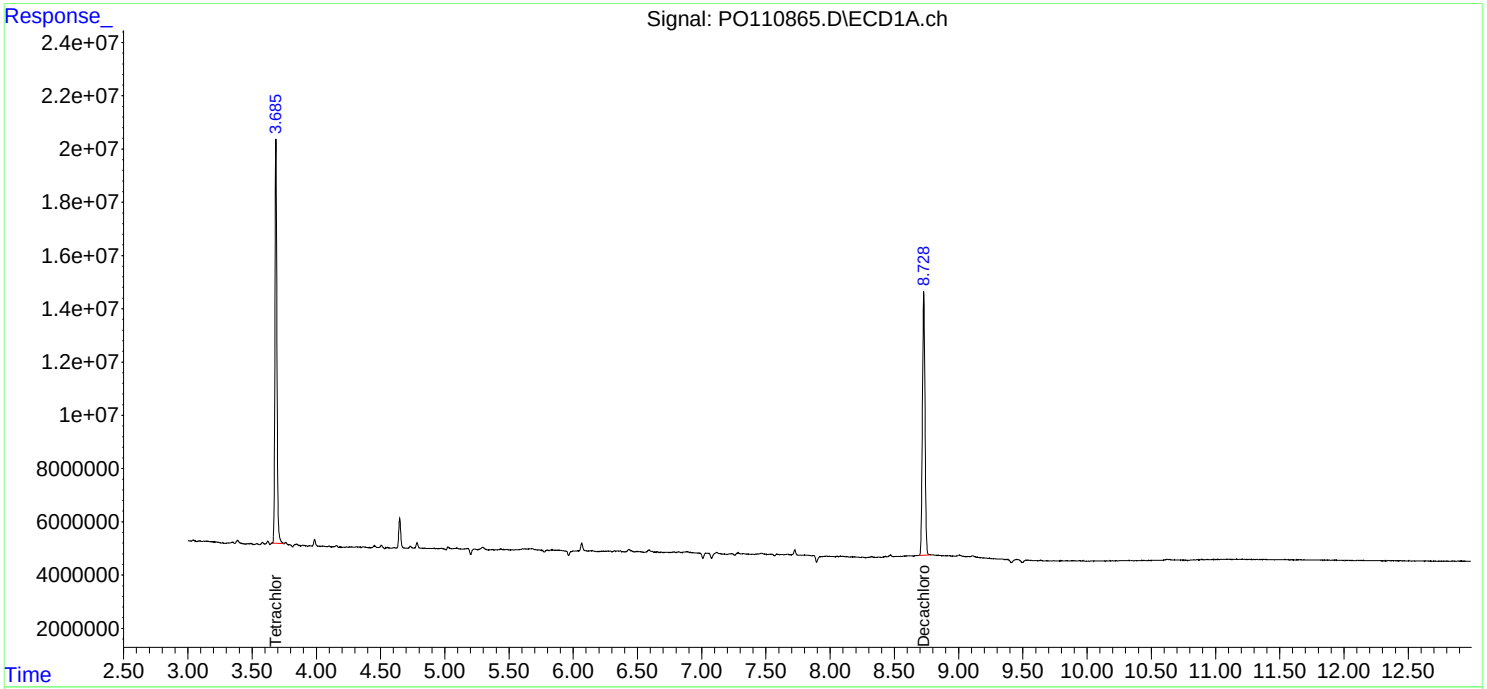
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

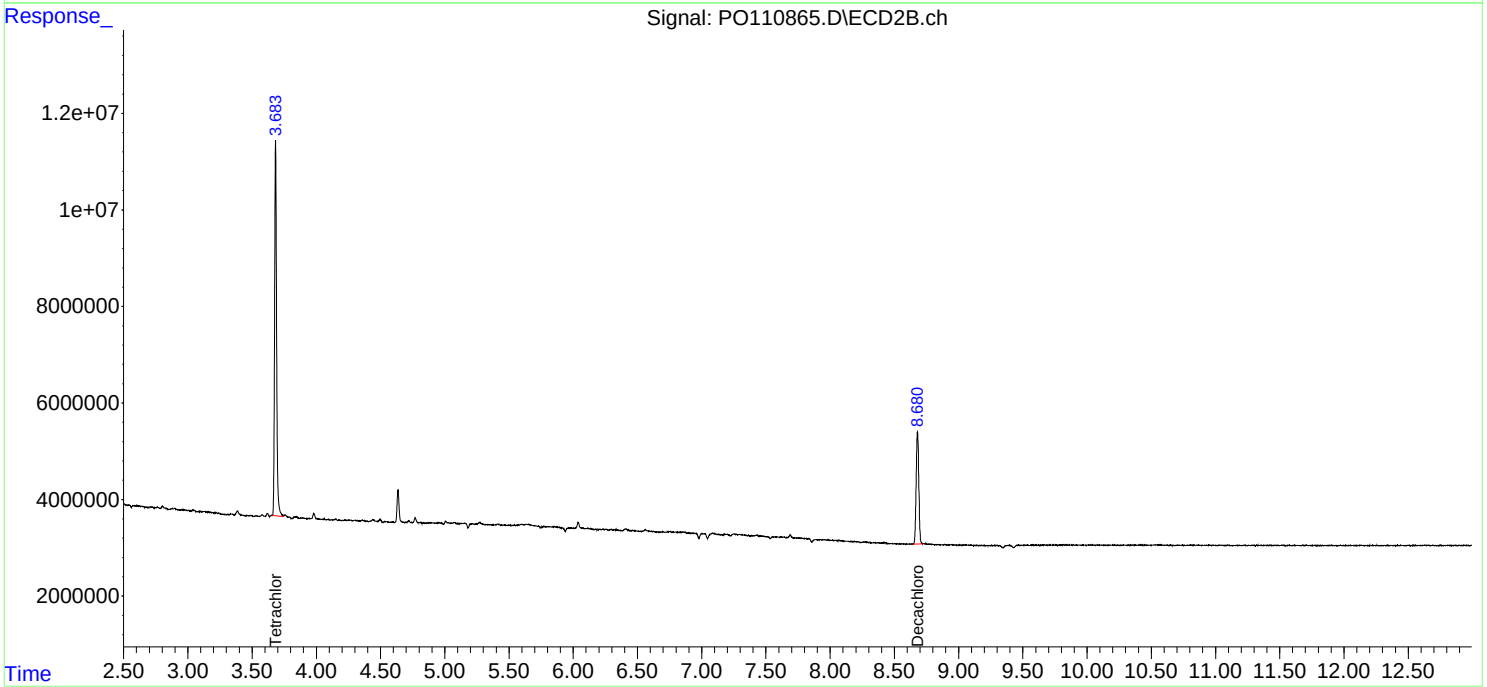
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042925\
Data File : PO110865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 17:29
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

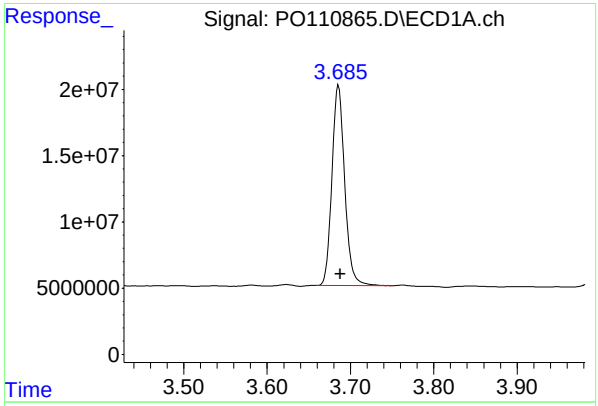
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



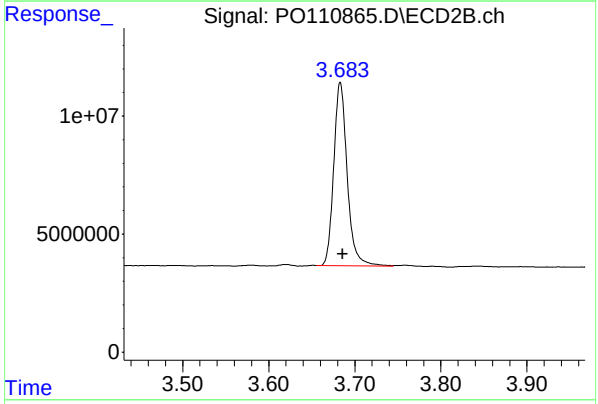




#1 Tetrachloro-m-xylene

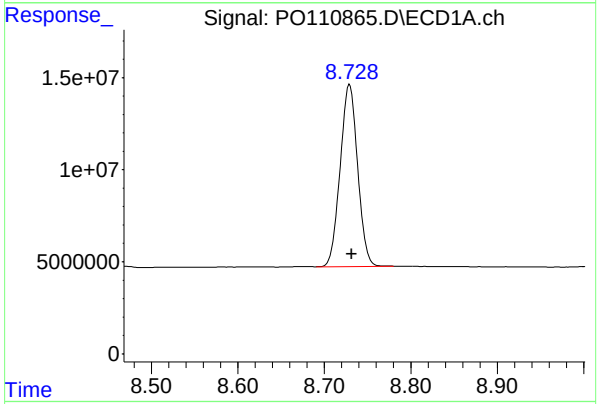
R.T.: 3.686 min
Delta R.T.: -0.002 mi
Response: 160952706
Conc: 18.40 ng/m

Instrument :
ECD_O
ClientSampleId :
I.BLK



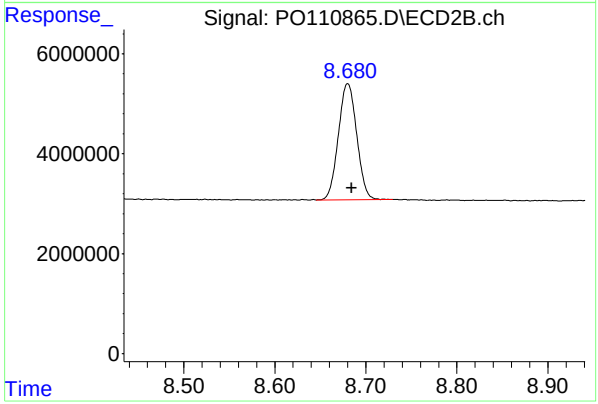
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 84295389
Conc: 16.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 138260960
Conc: 17.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 32608782
Conc: 16.94 ng/ml

Raw Data: **PP071388.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/22/25
Project:	RFP 911	Date Received:	04/22/25
Client Sample ID:	PIBLK-PP071388.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PP071388.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071388.D	1		04/22/25	PP042225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.1		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 140	88%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071388.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:13
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:33:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.811	33865777	24238749	17.081	17.207
2)	SA Decachlor...	10.233	8.847	25533987	15462668	17.634	17.630
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

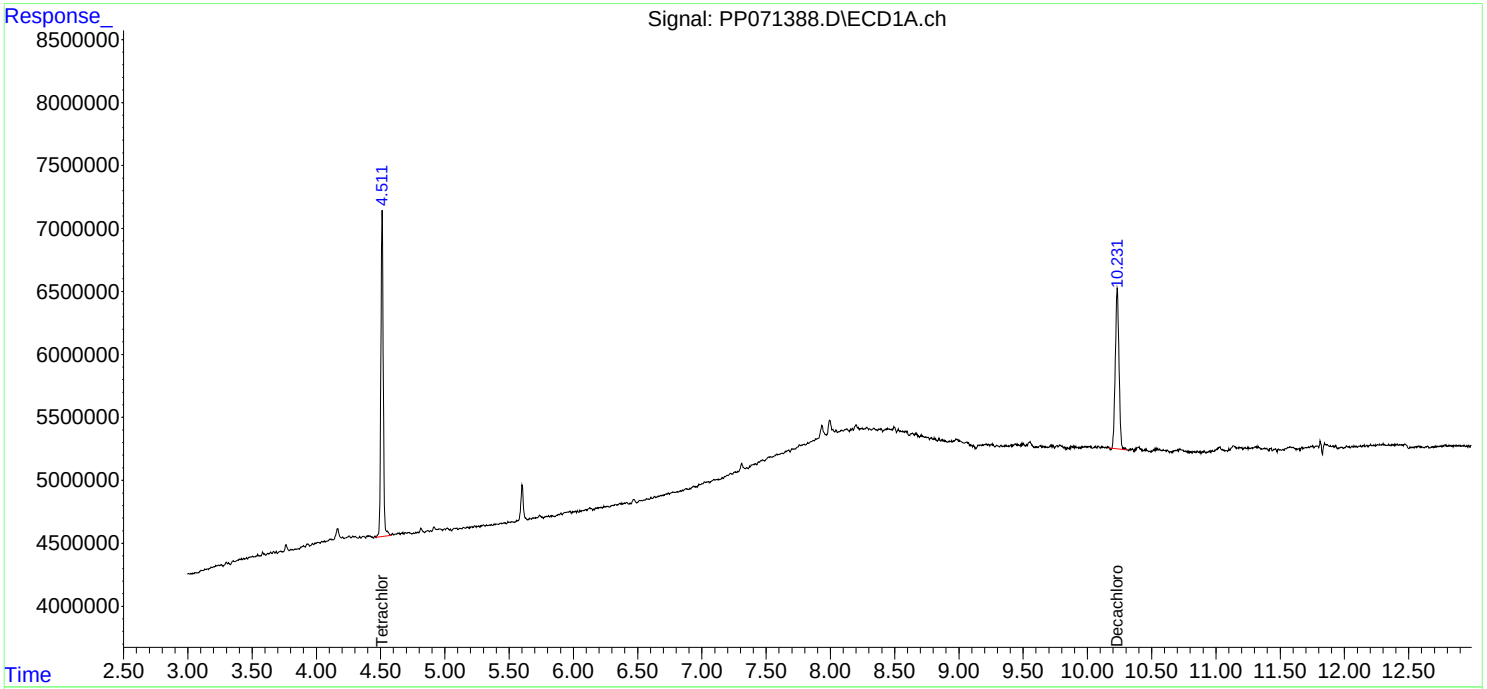
Sample Results: **PP071388.D**

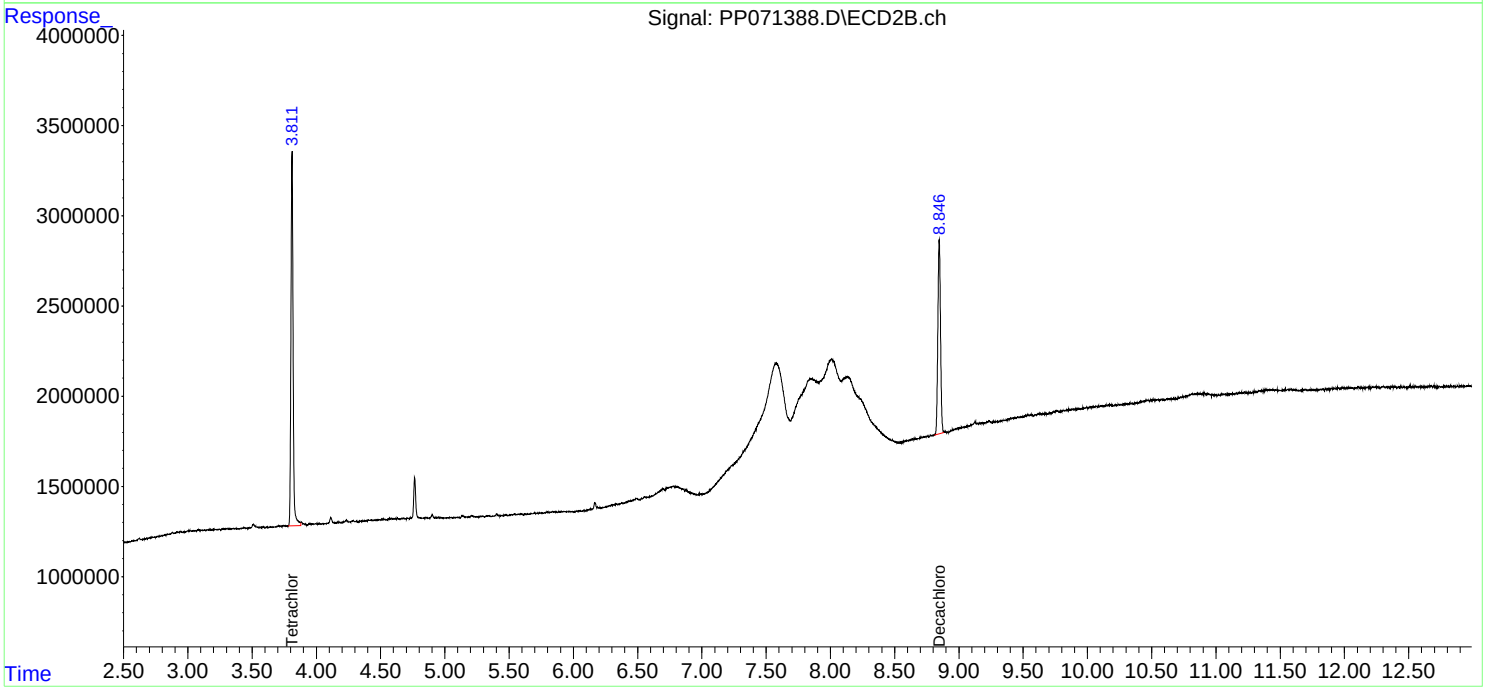
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:13
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

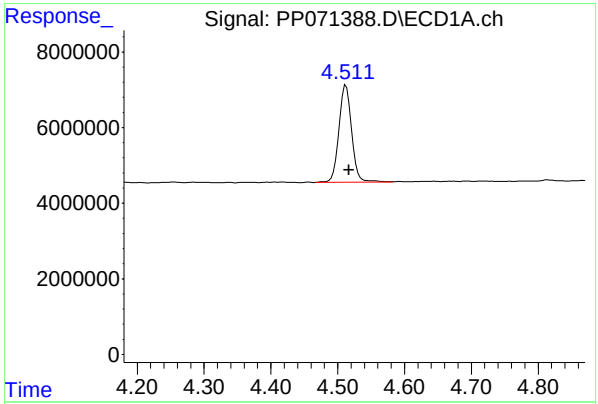
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:33:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



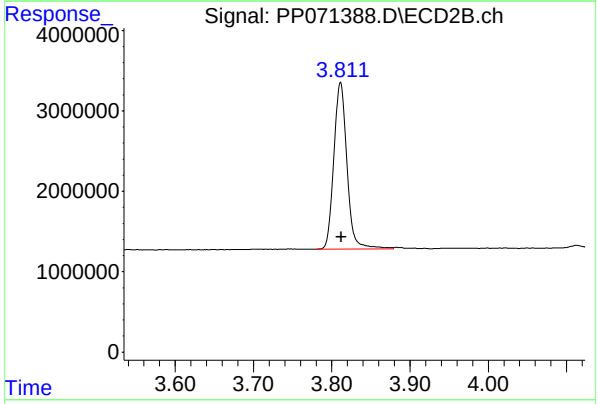




#1 Tetrachloro-m-xylene

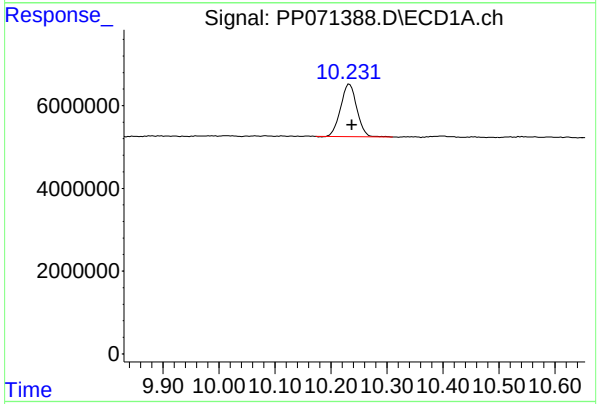
R.T.: 4.512 min
Delta R.T.: -0.005 mi
Response: 33865777
Conc: 17.08 ng/m

Instrument :
ECD_P
ClientSampleId :
I.BLK



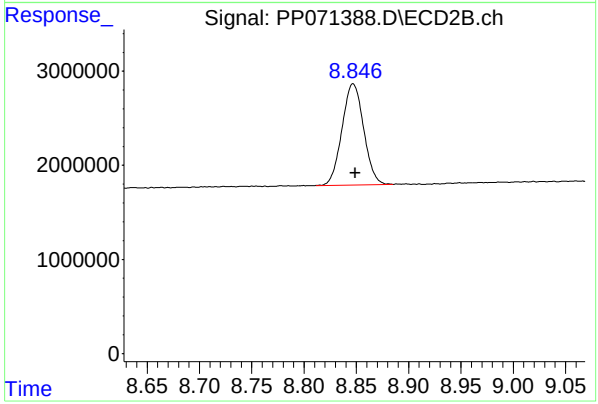
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: -0.001 min
Response: 24238749
Conc: 17.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: -0.005 min
Response: 25533987
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.847 min
Delta R.T.: -0.002 min
Response: 15462668
Conc: 17.63 ng/ml

Raw Data: **PP071427.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/24/25
Project:	RFP 911	Date Received:	04/24/25
Client Sample ID:	PIBLK-PP071427.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PP071427.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071427.D	1		04/24/25	PP042425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.9		60 - 140	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 140	81%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071427.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 10:27
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:22:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	29650153	21597389	14.955	15.332
2)	SA Decachlor...	10.229	8.844	23583042	14640135	16.287	16.692
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

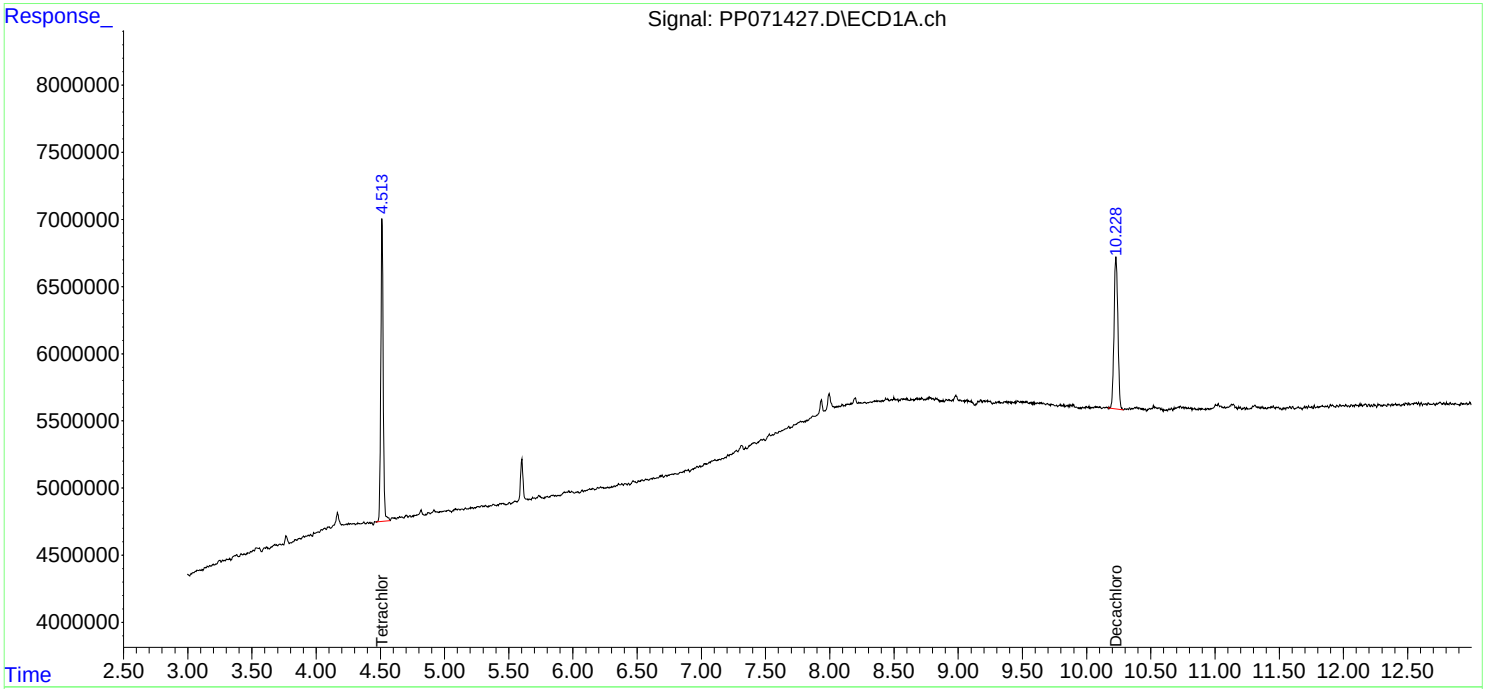
Sample Results: **PP071427.D**

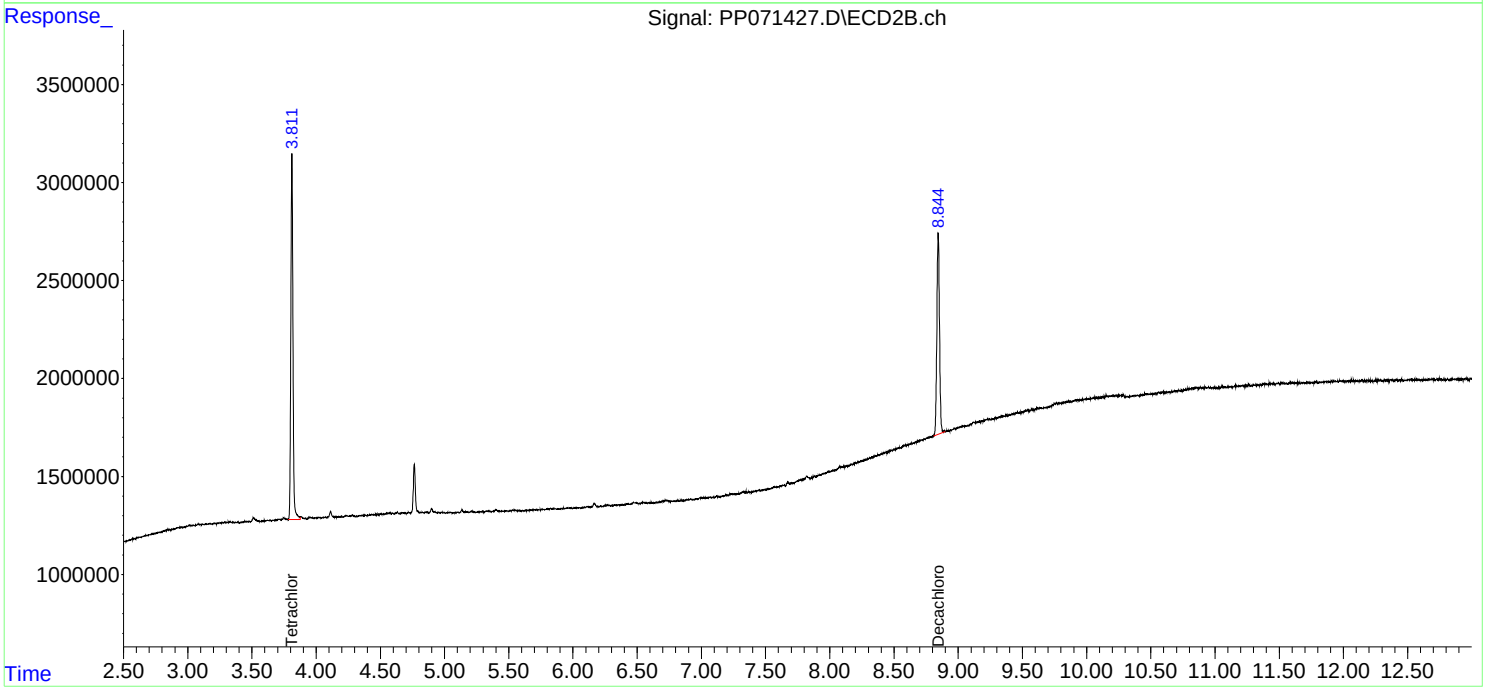
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 10:27
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

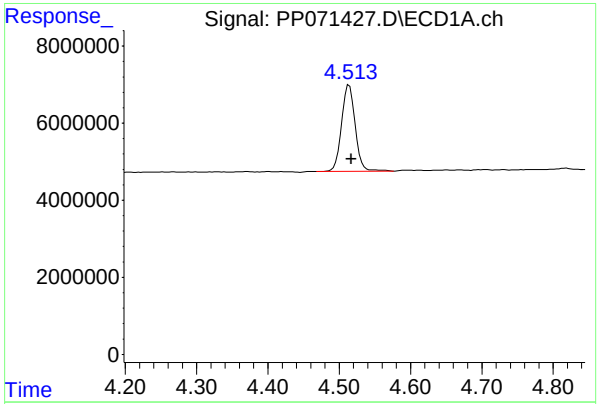
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:22:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



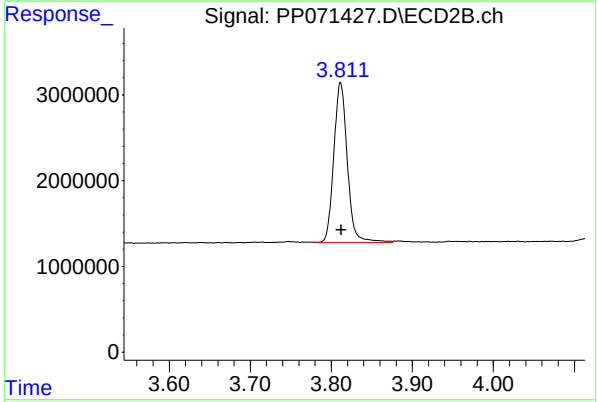




#1 Tetrachloro-m-xylene

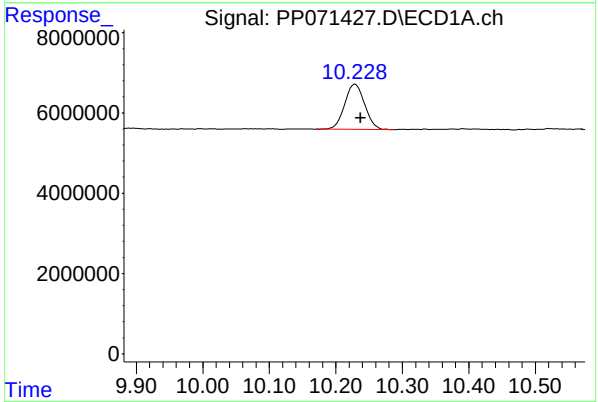
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 29650153
Conc: 14.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



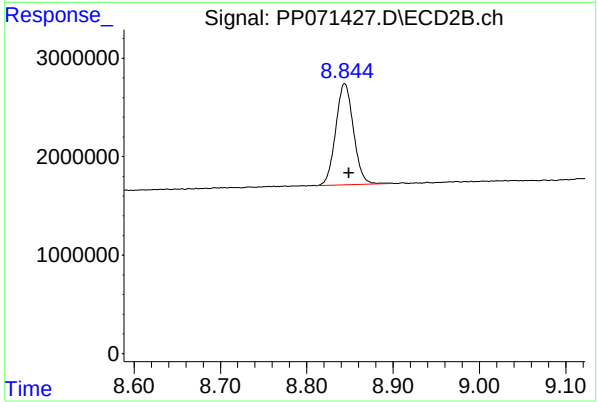
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 21597389
Conc: 15.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: -0.008 min
Response: 23583042
Conc: 16.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.844 min
Delta R.T.: -0.005 min
Response: 14640135
Conc: 16.69 ng/ml

Raw Data: **PP071442.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/24/25
Project:	RFP 911	Date Received:	04/24/25
Client Sample ID:	PIBLK-PP071442.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PP071442.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071442.D	1		04/24/25	PP042425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.1		60 - 140	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.0		60 - 140	80%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071442.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 18:24
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:26:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	29922988	22233918	15.093	15.784
2)	SA Decachlor...	10.230	8.846	23199122	14820391	16.021	16.898
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

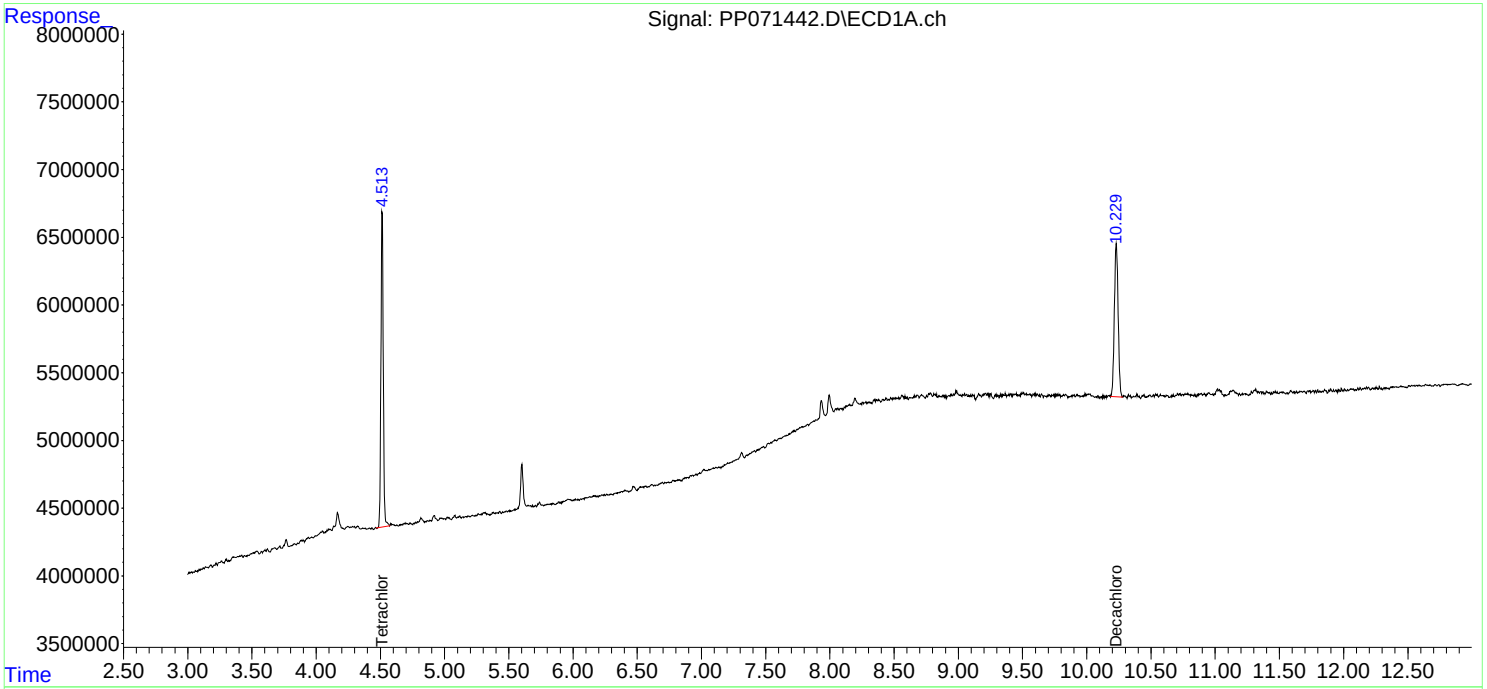
Sample Results: **PP071442.D**

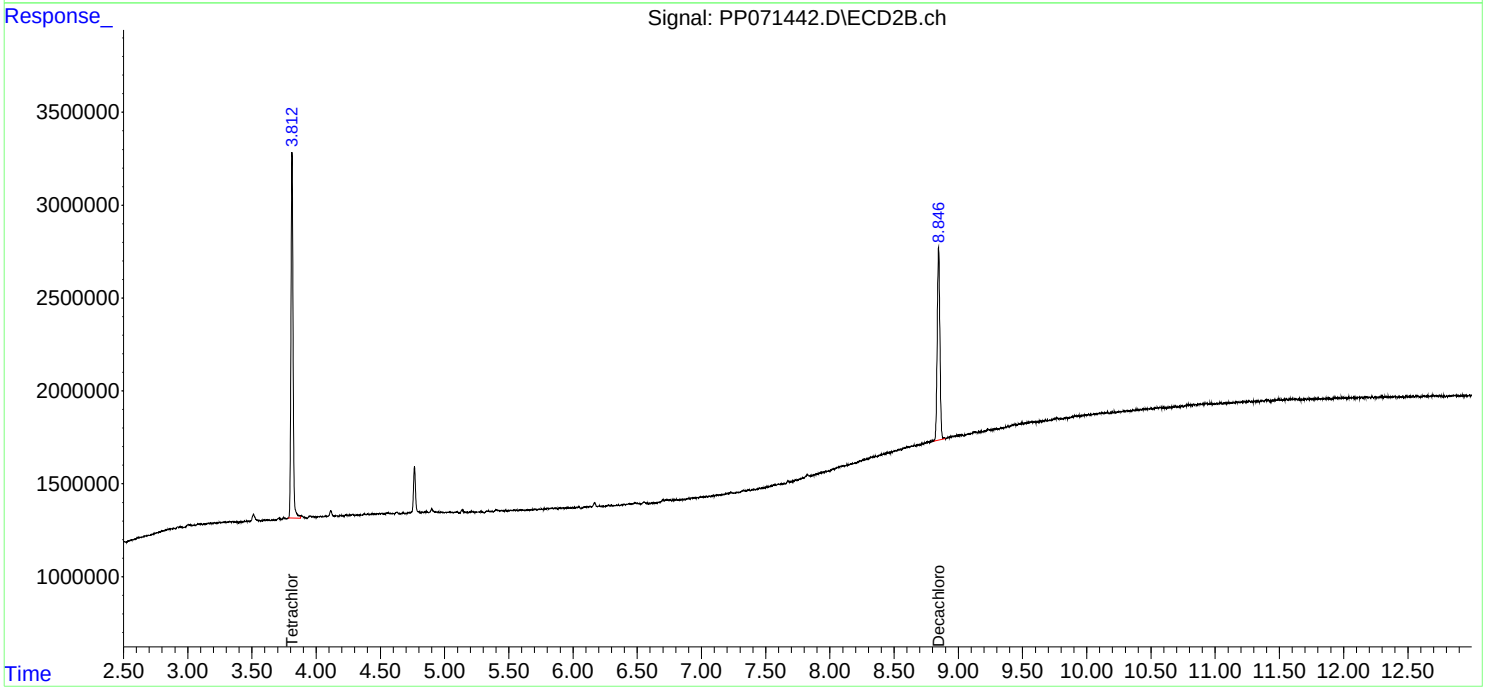
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 18:24
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

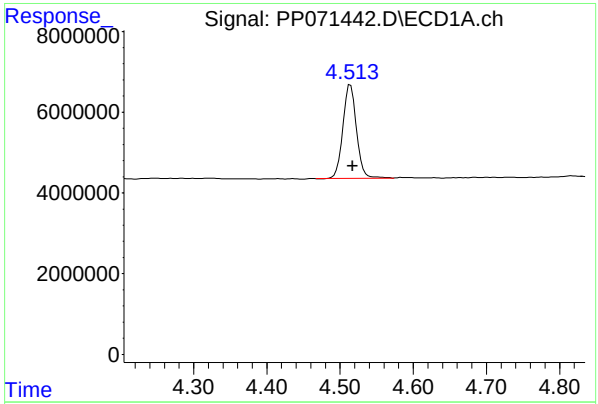
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:26:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



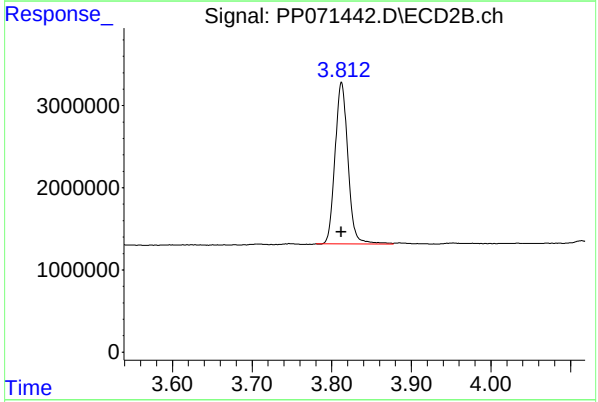




#1 Tetrachloro-m-xylene

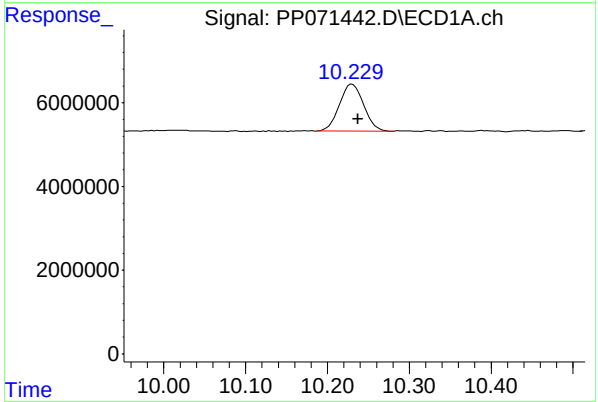
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 29922988
Conc: 15.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



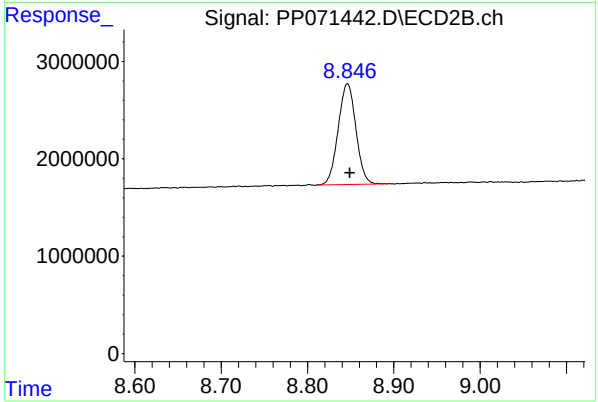
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 22233918
Conc: 15.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: -0.007 min
Response: 23199122
Conc: 16.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.846 min
Delta R.T.: -0.003 min
Response: 14820391
Conc: 16.90 ng/ml

Raw Data: **PP071454.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/24/25
Project:	RFP 911	Date Received:	04/24/25
Client Sample ID:	PIBLK-PP071454.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PP071454.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071454.D	1		04/24/25	PP042425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.3		60 - 140	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 140	82%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071454.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 23:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:29:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.811	30233613	21689762	15.249	15.398
2)	SA Decachlor...	10.228	8.845	23666310	14981534	16.344	17.082
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

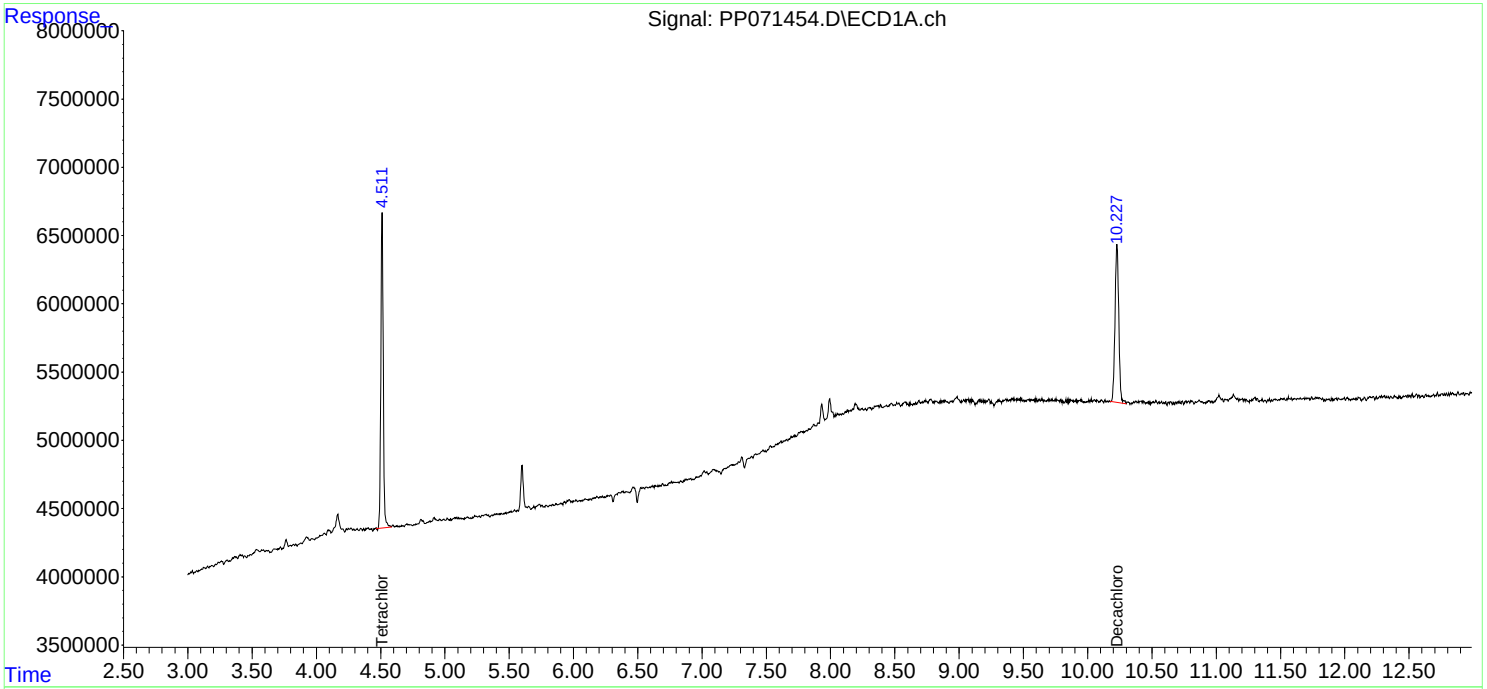
Sample Results: **PP071454.D**

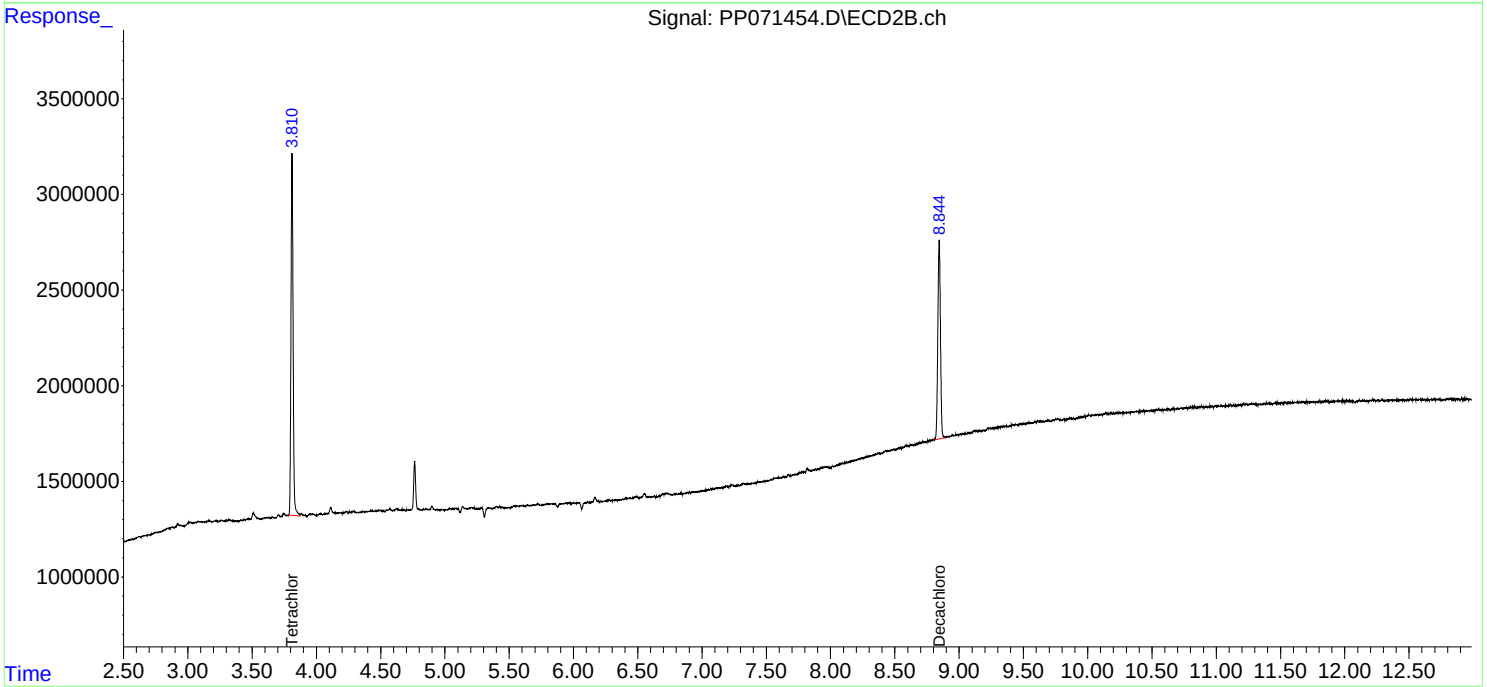
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 23:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

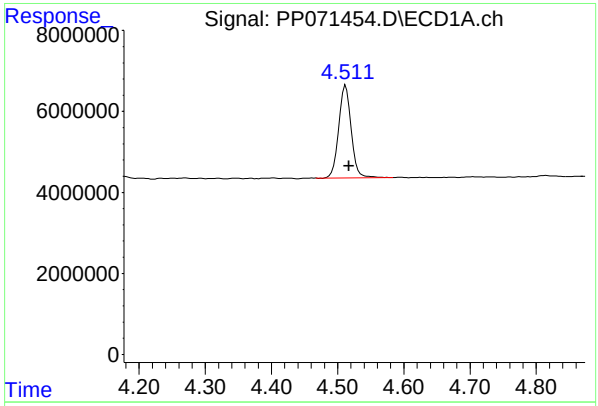
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:29:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



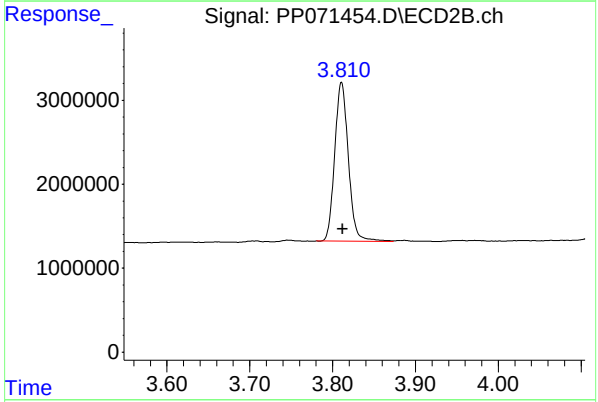




#1 Tetrachloro-m-xylene

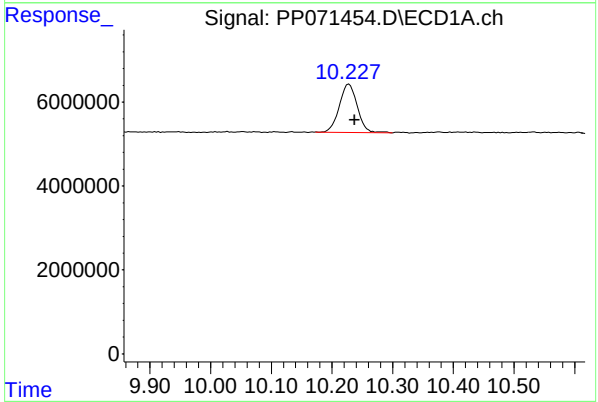
R.T.: 4.512 min
Delta R.T.: -0.005 mi
Response: 30233613
Conc: 15.25 ng/m

Instrument :
ECD_P
ClientSampleId :
I.BLK



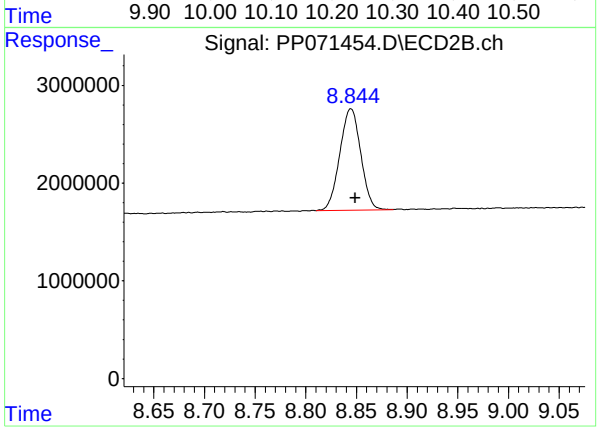
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 21689762
Conc: 15.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.009 min
Response: 23666310
Conc: 16.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.845 min
Delta R.T.: -0.005 min
Response: 14981534
Conc: 17.08 ng/ml

Raw Data: **PP071532.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/28/25
Project:	RFP 911	Date Received:	04/28/25
Client Sample ID:	PIBLK-PP071532.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PP071532.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071532.D	1		04/28/25	PP042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		60 - 140	83%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071532.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 09:36
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:07:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.510	3.809	31837782	23393011	16.058	16.607
2)	SA Decachlor...	10.221	8.840	24169418	15113920	16.691	17.233
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

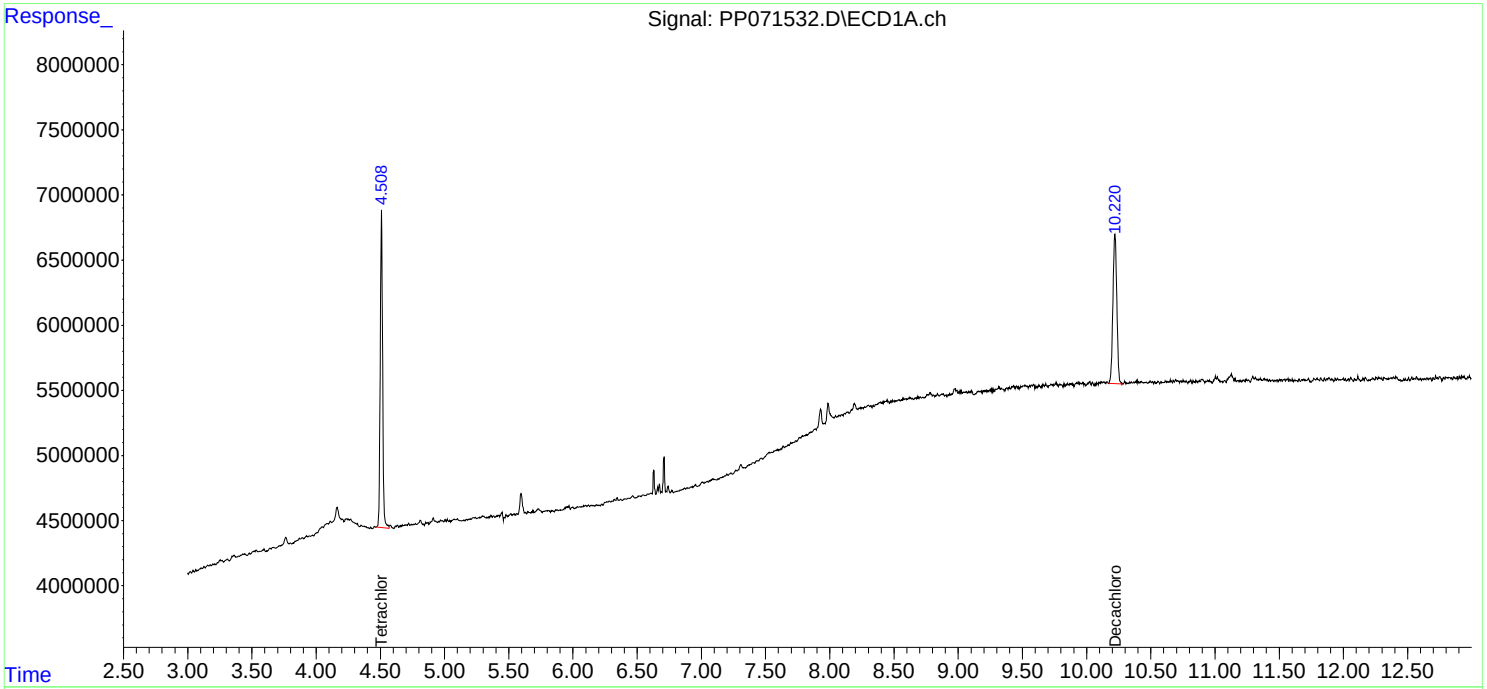
Sample Results: **PP071532.D**

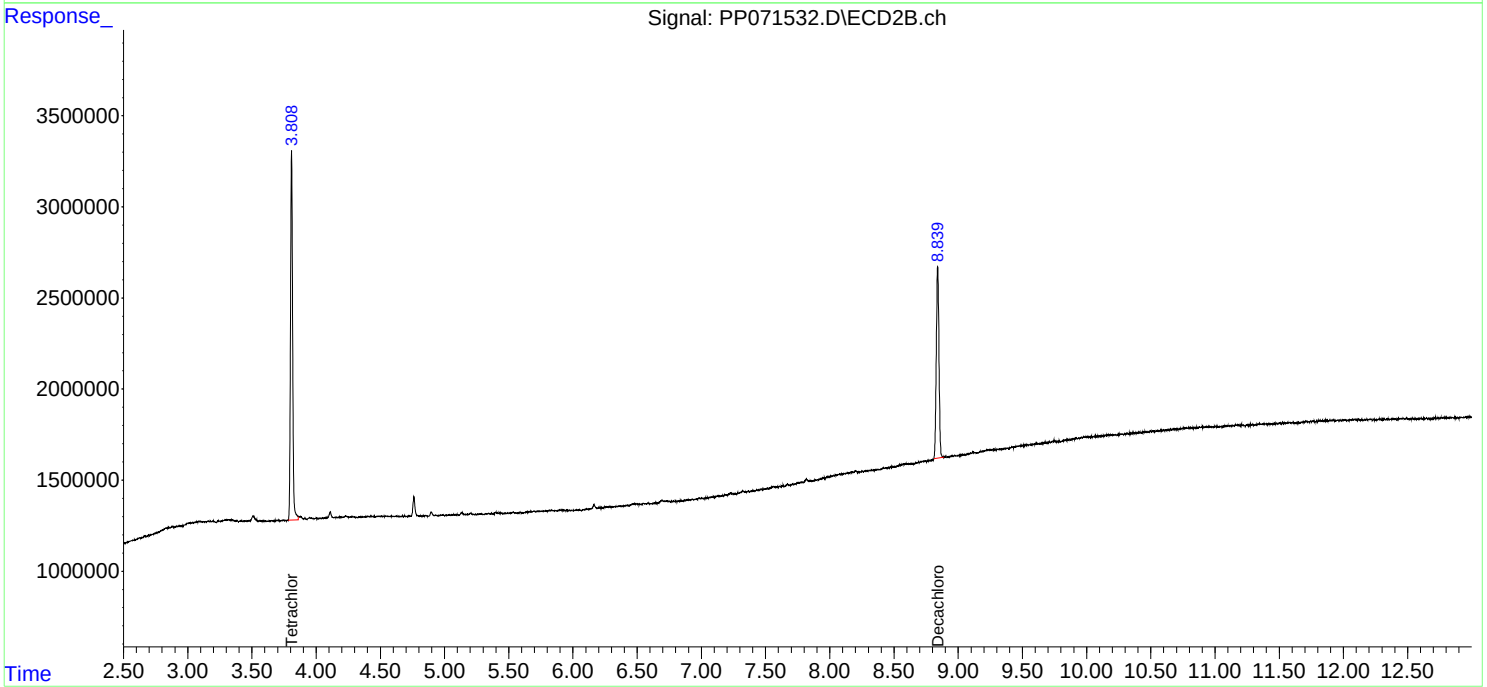
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 09:36
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

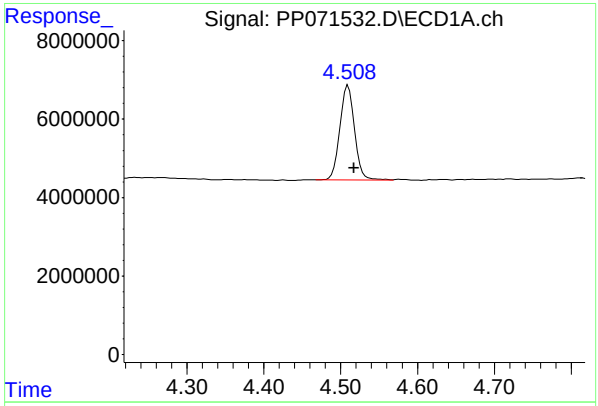
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:07:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



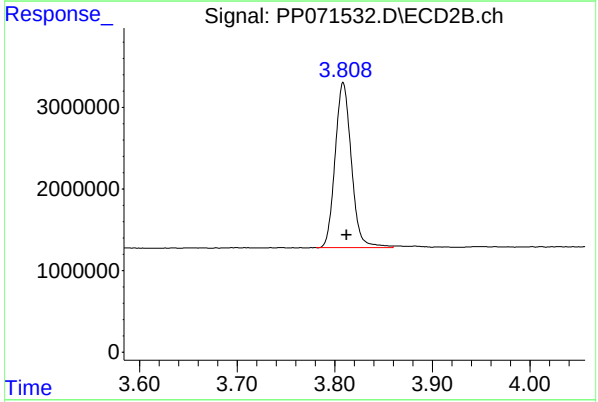




#1 Tetrachloro-m-xylene

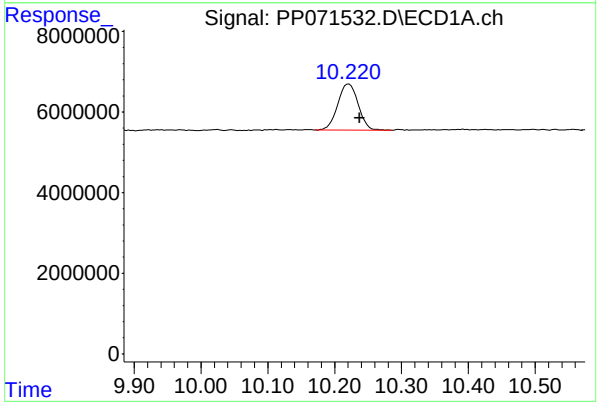
R.T.: 4.510 min
Delta R.T.: -0.008 min
Response: 31837782
Conc: 16.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



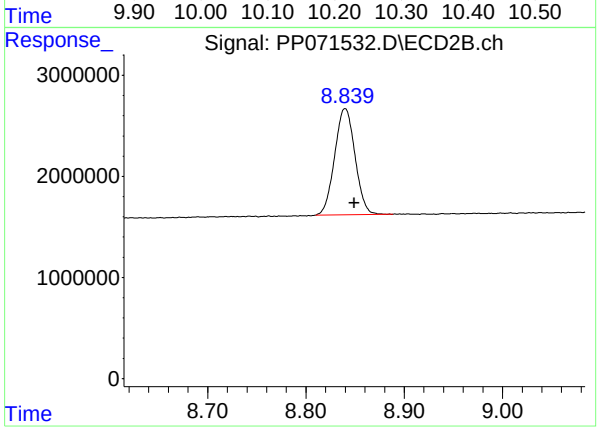
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 23393011
Conc: 16.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.221 min
Delta R.T.: -0.016 min
Response: 24169418
Conc: 16.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.840 min
Delta R.T.: -0.009 min
Response: 15113920
Conc: 17.23 ng/ml

Raw Data: **PP071546.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/28/25
Project:	RFP 911	Date Received:	04/28/25
Client Sample ID:	PIBLK-PP071546.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PP071546.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071546.D	1		04/28/25	PP042825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.7		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.2		60 - 140	81%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071546.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 13:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:27:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.810	31146968	25158227	15.710	17.860
2)	SA Decachlor...	10.226	8.841	23408907	15053456	16.166	17.164
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

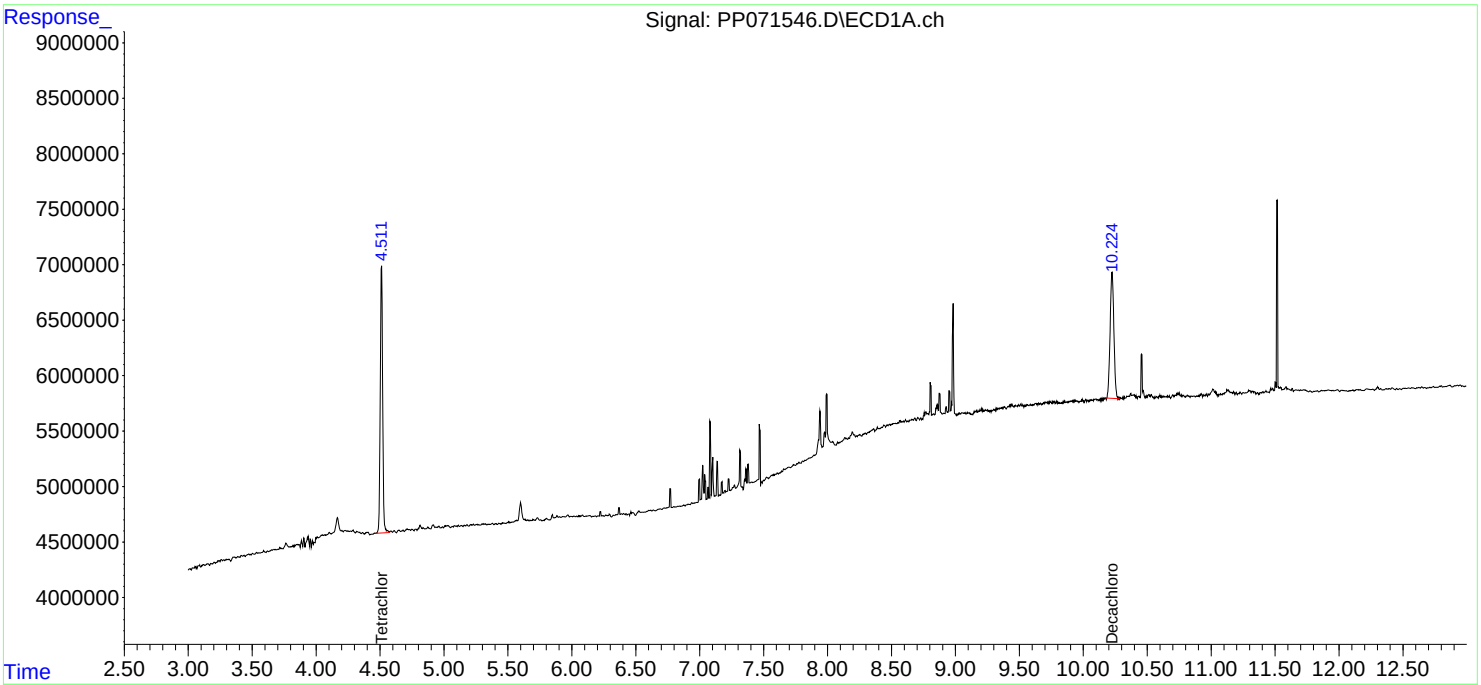
Sample Results: **PP071546.D**

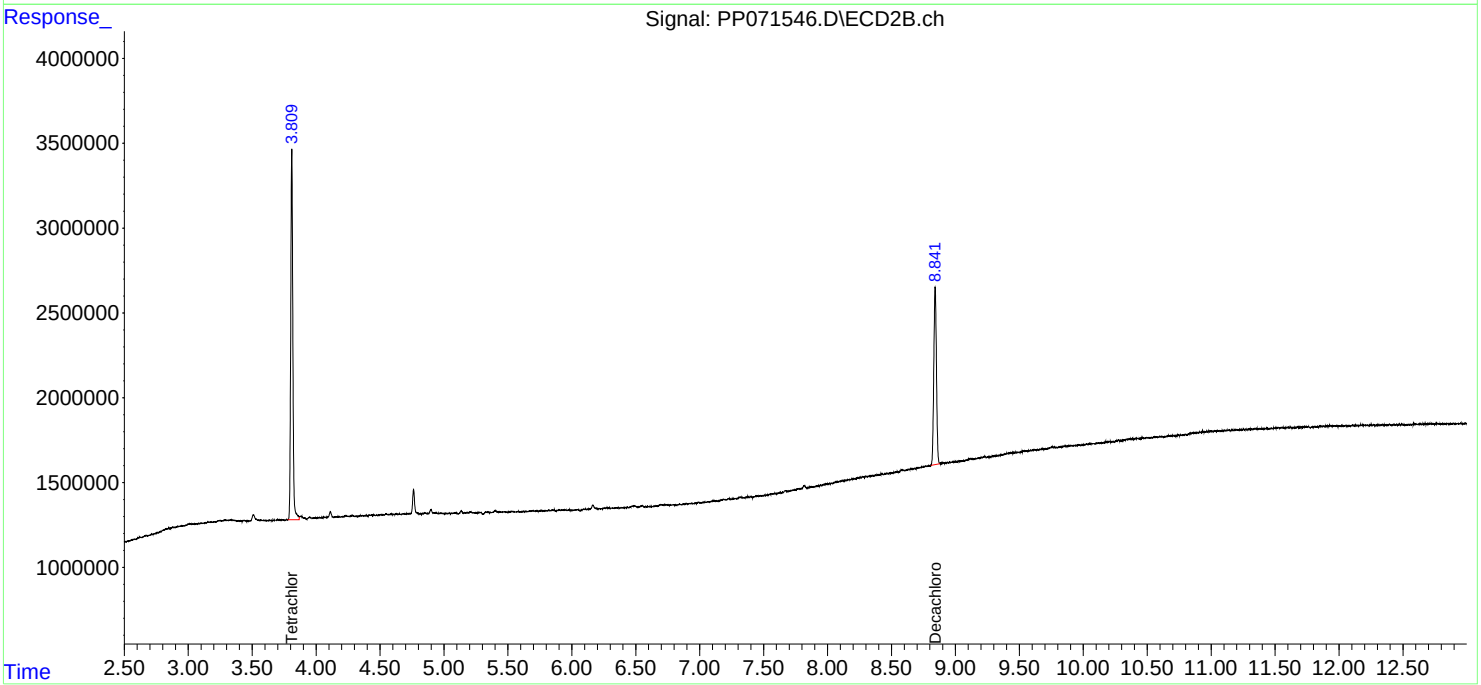
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042825\
Data File : PP071546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 13:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

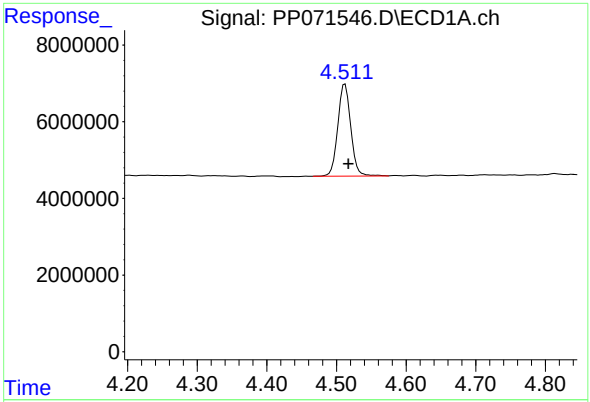
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 14:27:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



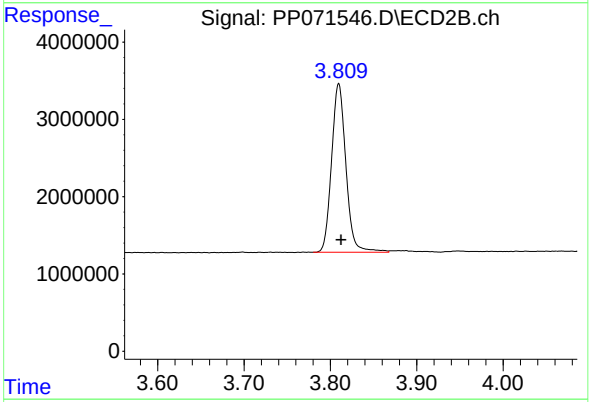




#1 Tetrachloro-m-xylene

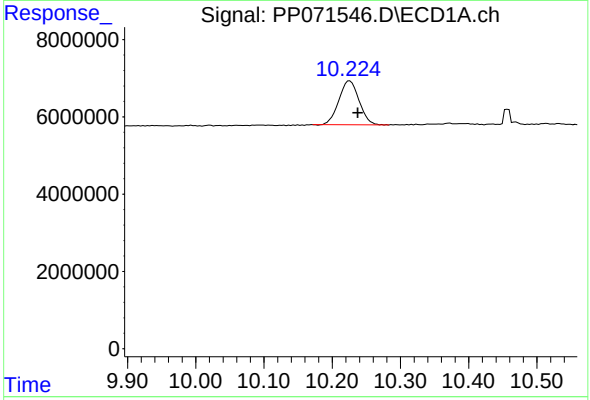
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 31146968
Conc: 15.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



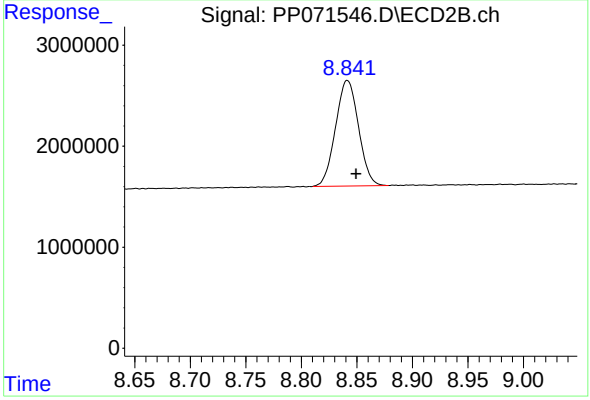
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 25158227
Conc: 17.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: -0.012 min
Response: 23408907
Conc: 16.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 15053456
Conc: 17.16 ng/ml

Raw Data: **PP071603.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/29/25
Project:	RFP 911	Date Received:	04/29/25
Client Sample ID:	PIBLK-PP071603.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PP071603.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071603.D	1		04/29/25	PP042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.9		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	86%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071603.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 11:40
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:23:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.810	31514881	25751652	15.895	18.281
2)	SA Decachlor...	10.229	8.841	25049096	16336236	17.299	18.626
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

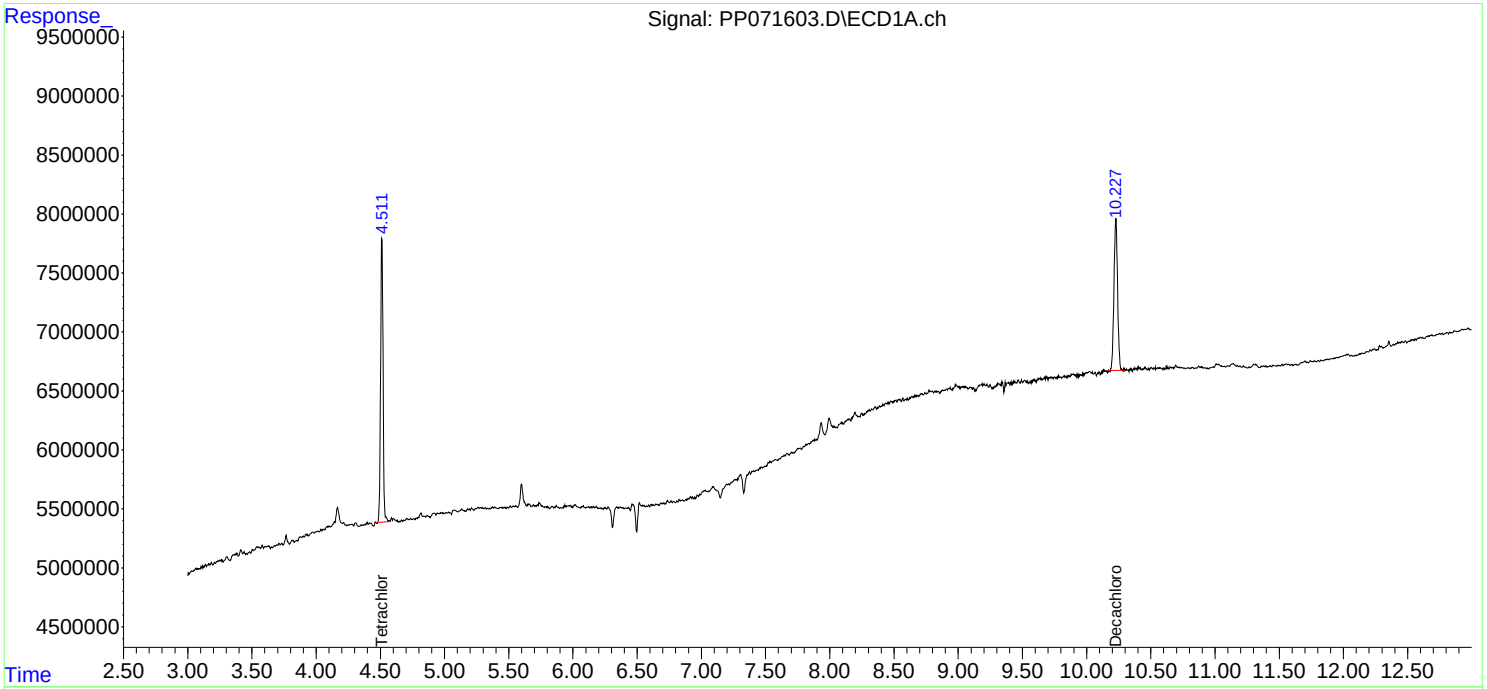
Sample Results: **PP071603.D**

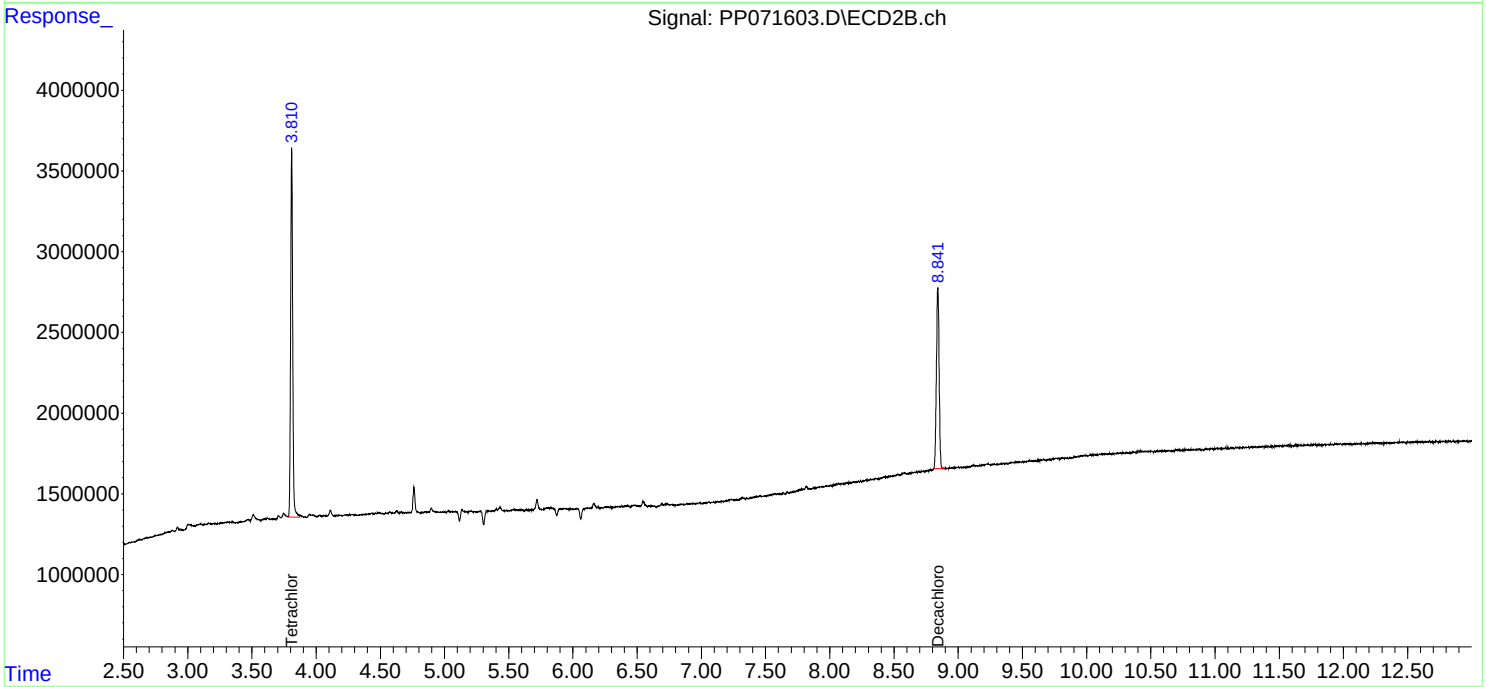
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 11:40
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

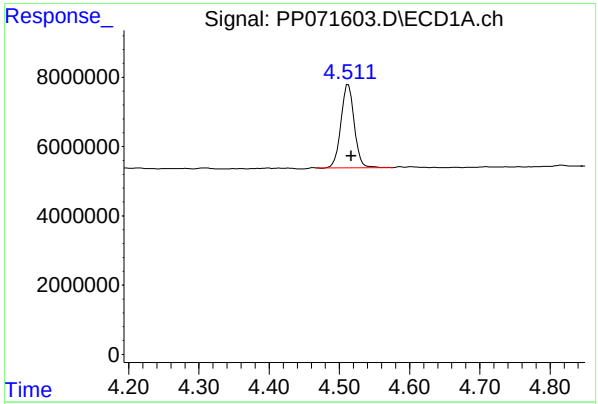
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:23:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



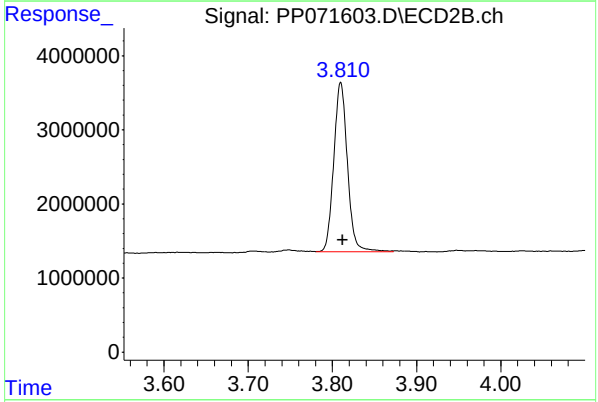




#1 Tetrachloro-m-xylene

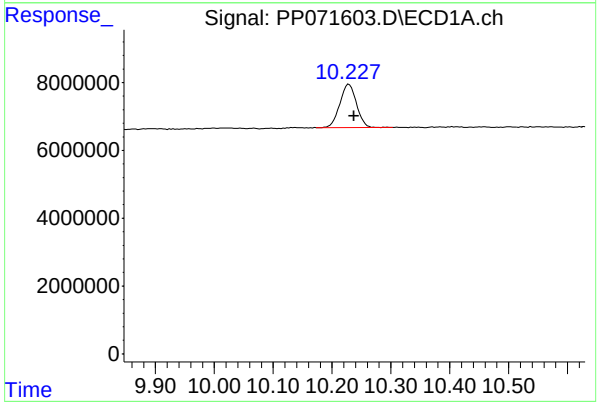
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 31514881
Conc: 15.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



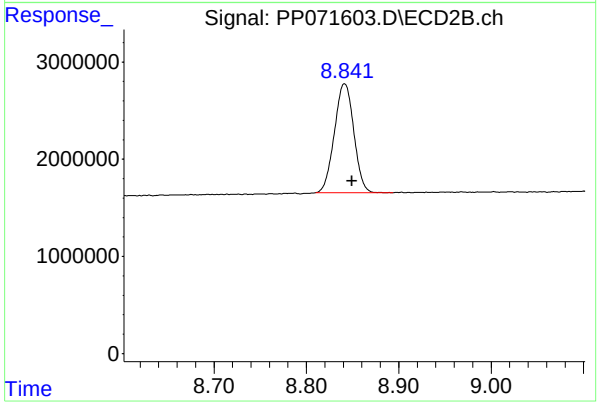
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 25751652
Conc: 18.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: -0.009 min
Response: 25049096
Conc: 17.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 16336236
Conc: 18.63 ng/ml

Raw Data: **PP071618.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/29/25
Project:	RFP 911	Date Received:	04/29/25
Client Sample ID:	PIBLK-PP071618.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PP071618.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071618.D	1		04/29/25	PP042925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.0		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		60 - 140	90%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071618.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 17:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.511	3.810	31687452	24292520	15.982	17.245
2)	SA Decachlor...	10.228	8.842	26119160	16903953	18.038	19.274
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

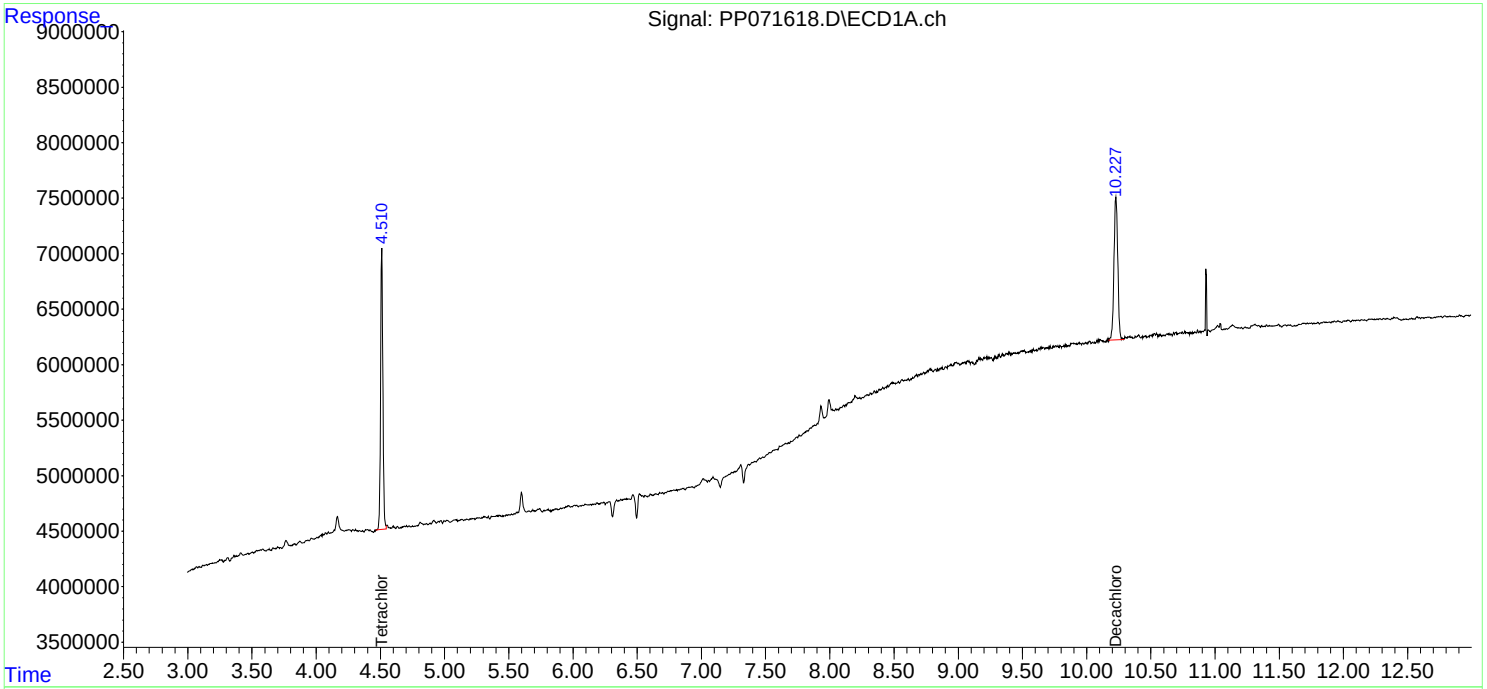
Sample Results: **PP071618.D**

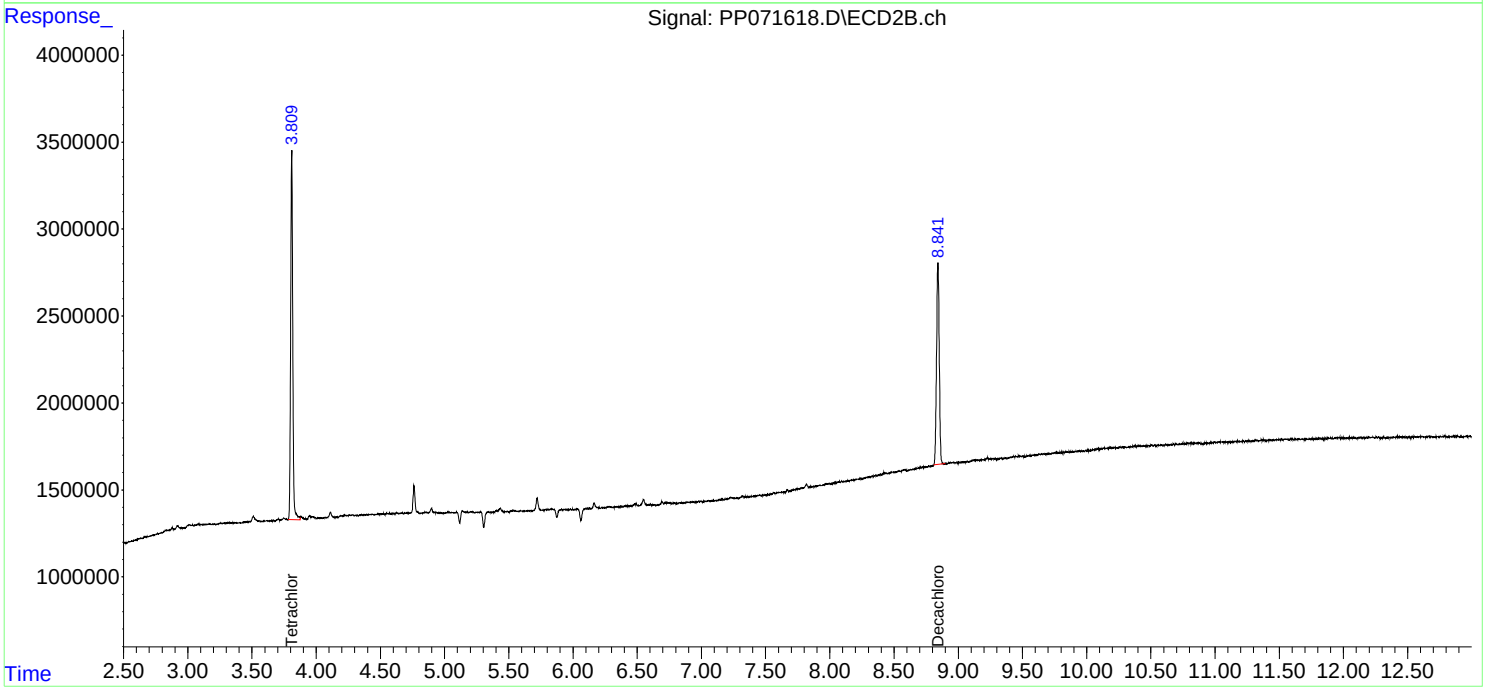
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042925\
Data File : PP071618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 17:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

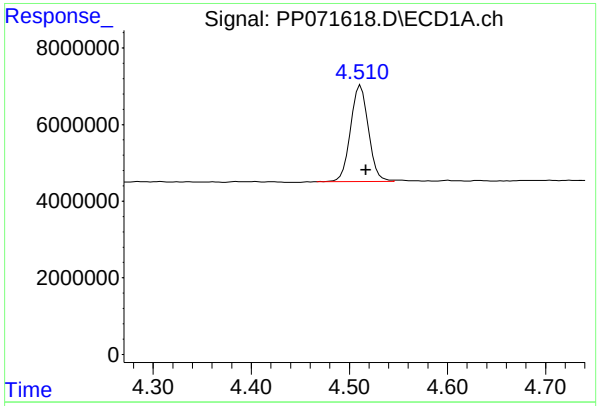
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 02:27:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



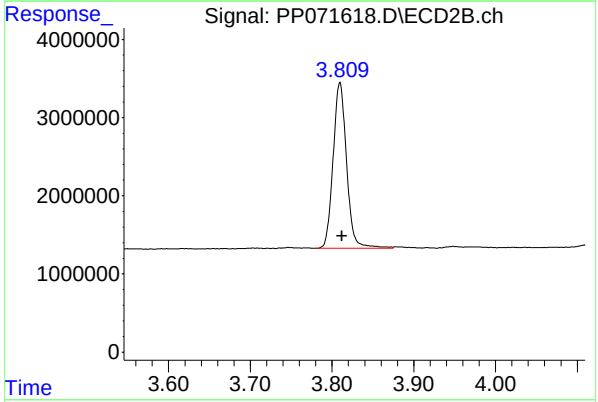




#1 Tetrachloro-m-xylene

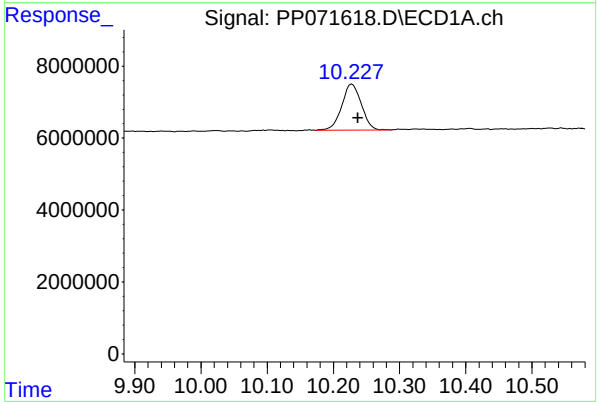
R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 31687452
Conc: 15.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



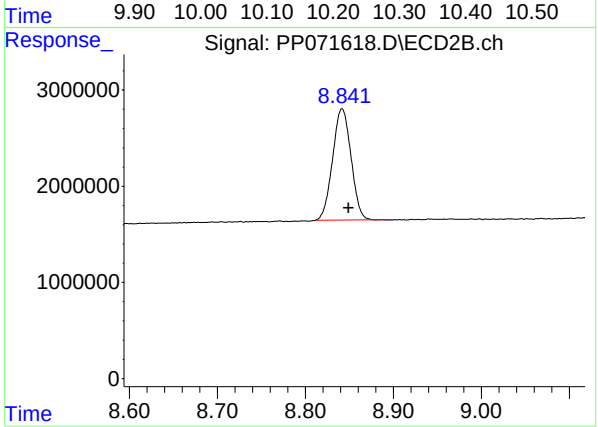
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 24292520
Conc: 17.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.009 min
Response: 26119160
Conc: 18.04 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.842 min
Delta R.T.: -0.007 min
Response: 16903953
Conc: 19.27 ng/ml

Raw Data: **PP071639.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/30/25
Project:	RFP 911	Date Received:	04/30/25
Client Sample ID:	PIBLK-PP071639.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PP071639.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071639.D	1		04/30/25	PP043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.2		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		60 - 140	87%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 10:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 11:35:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.509	3.809	32099404	23118283	16.190	16.412
2)	SA Decachlor...	10.224	8.839	25274933	15430633	17.455	17.594
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

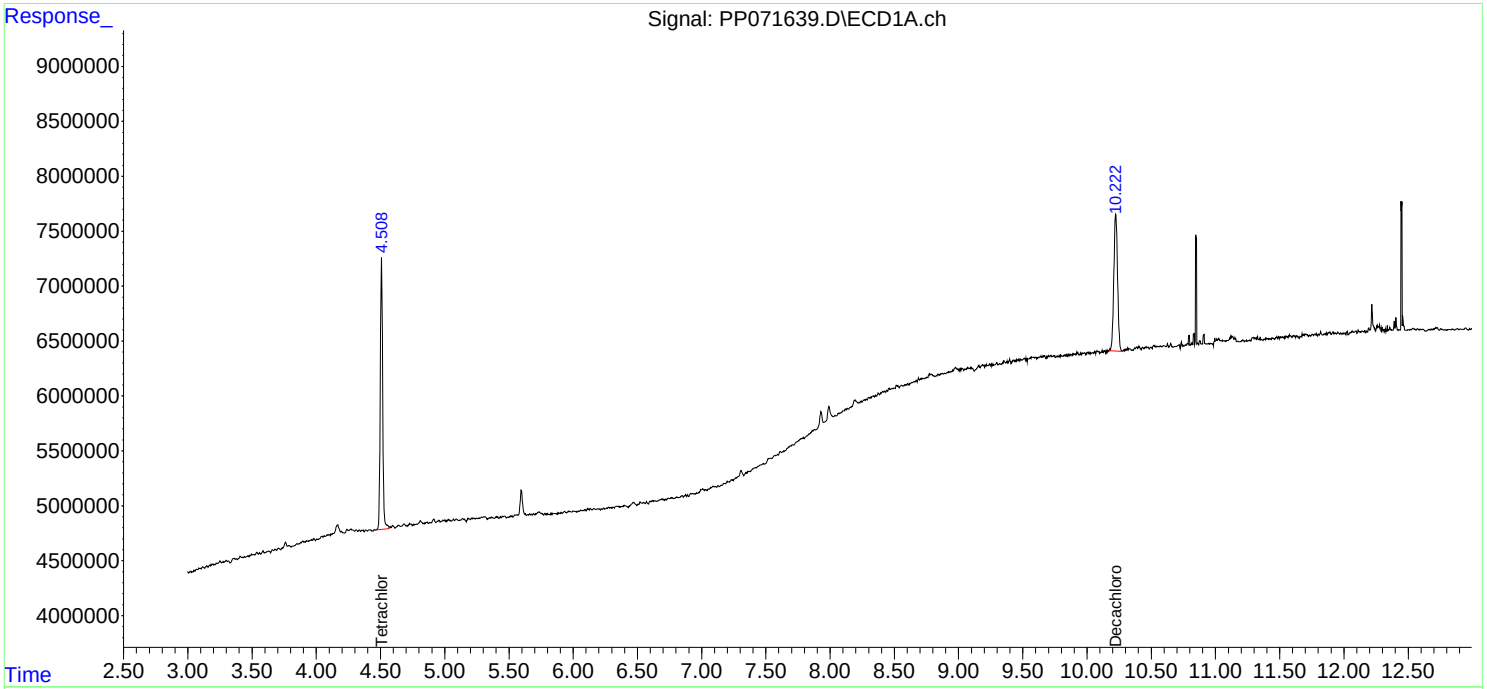
Sample Results: **PP071639.D**

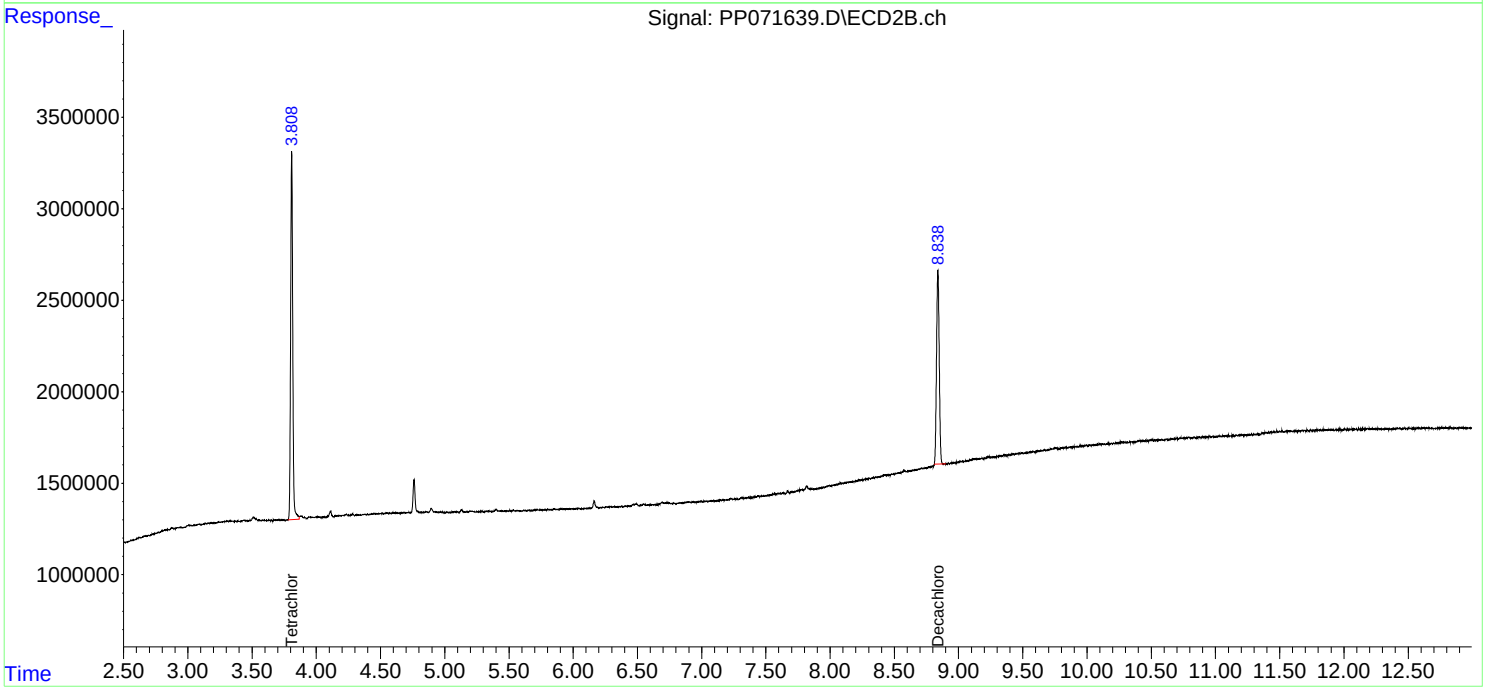
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 10:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

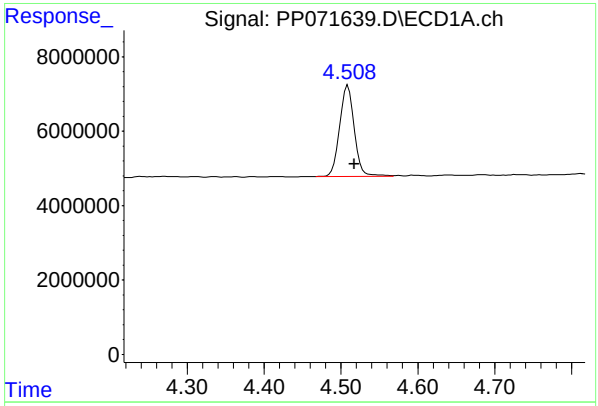
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 11:35:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



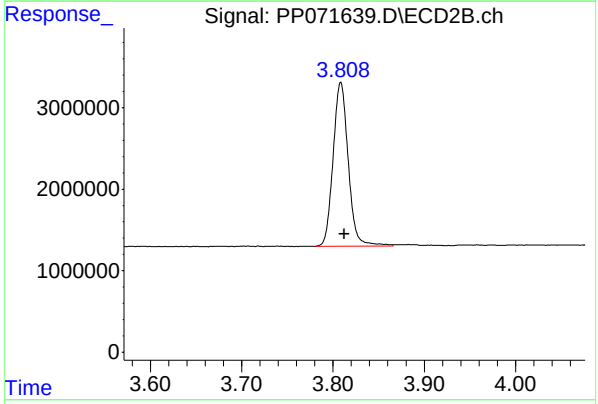




#1 Tetrachloro-m-xylene

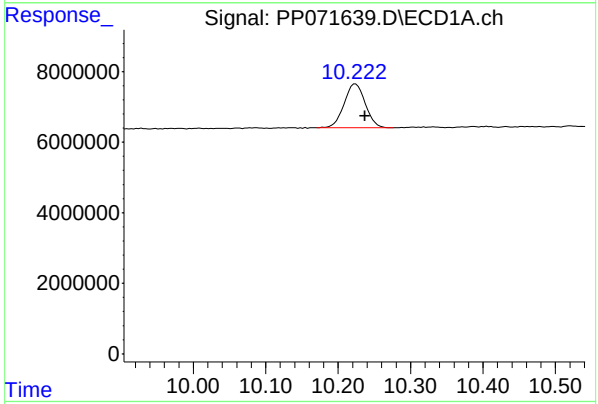
R.T.: 4.509 min
Delta R.T.: -0.008 min
Response: 32099404
Conc: 16.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



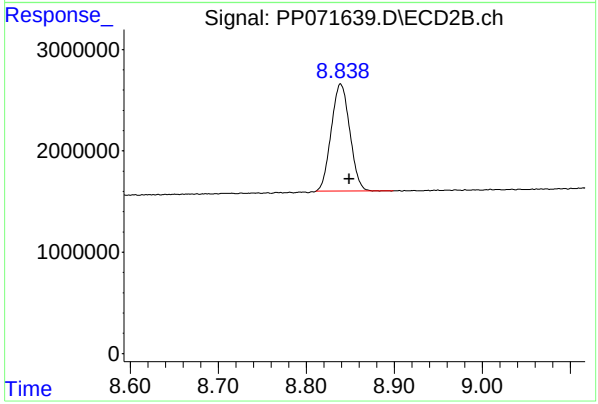
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 23118283
Conc: 16.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: -0.013 min
Response: 25274933
Conc: 17.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.839 min
Delta R.T.: -0.010 min
Response: 15430633
Conc: 17.59 ng/ml

Raw Data: **PP071654.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/30/25
Project:	RFP 911	Date Received:	04/30/25
Client Sample ID:	PIBLK-PP071654.D	SDG No.:	Q1860
Lab Sample ID:	I.BLK-PP071654.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071654.D	1		04/30/25	pp043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.9		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 140	85%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071654.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 17:16
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 01:01:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.810	31624449	23488588	15.951	16.675
2)	SA Decachlor...	10.228	8.841	24720611	16101382	17.072	18.359
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

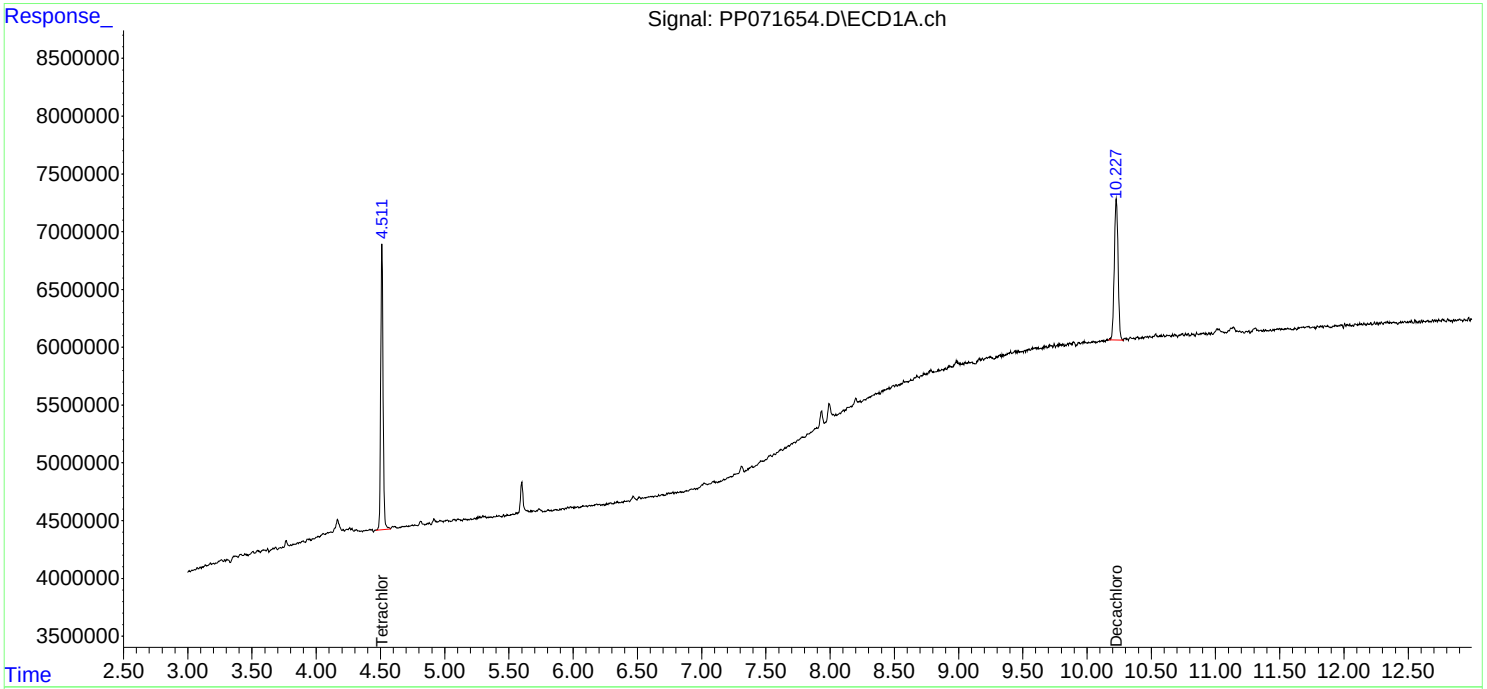
Sample Results: **PP071654.D**

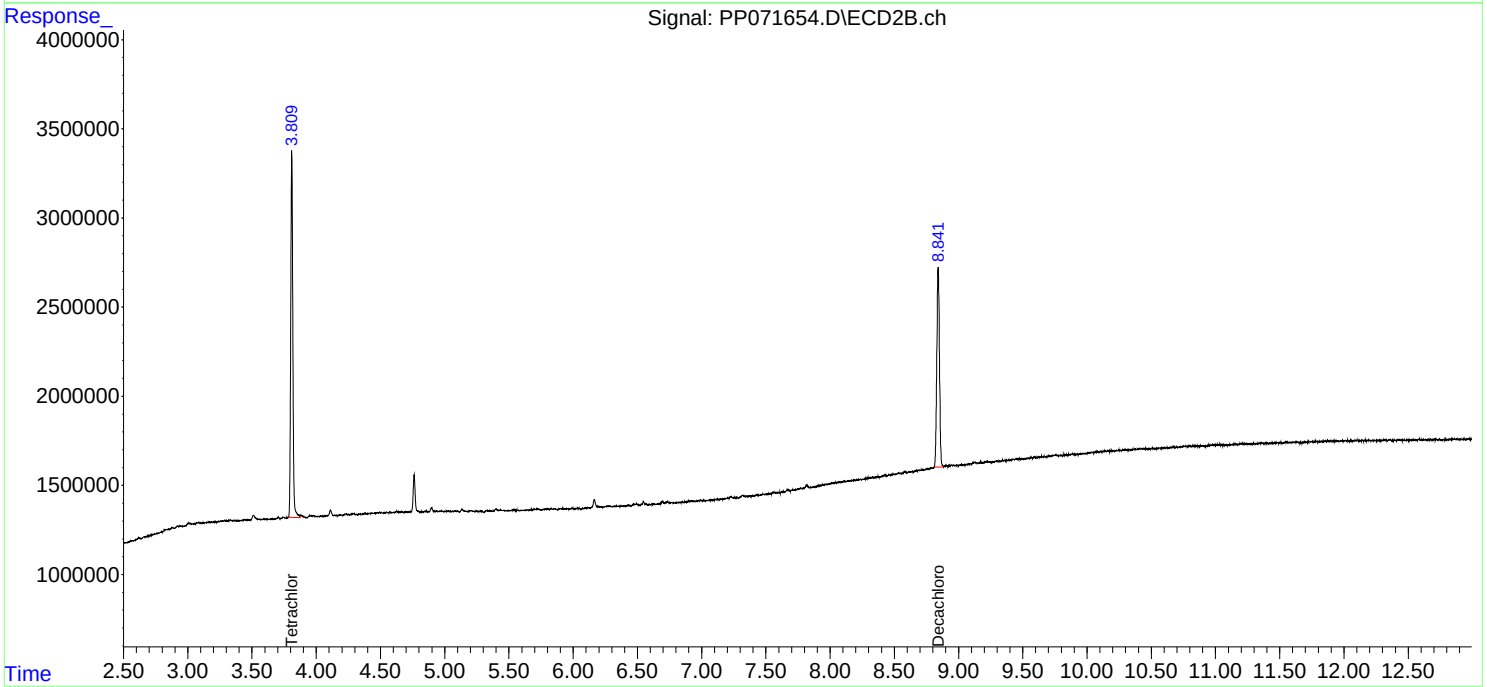
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP043025\
Data File : PP071654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 17:16
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

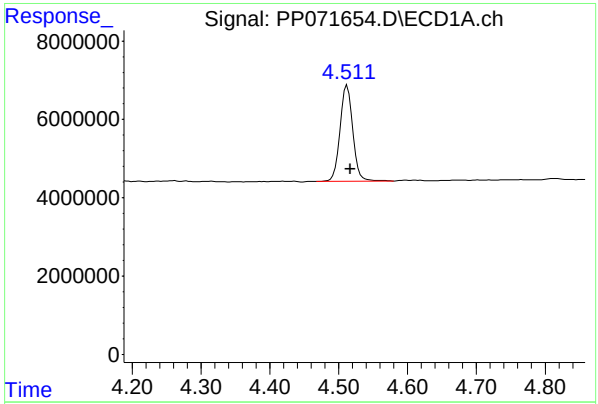
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 01:01:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



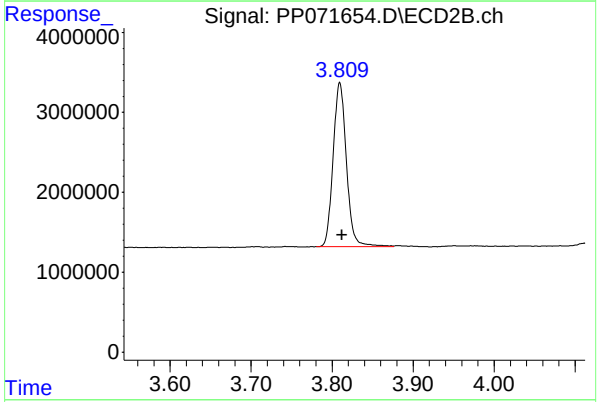




#1 Tetrachloro-m-xylene

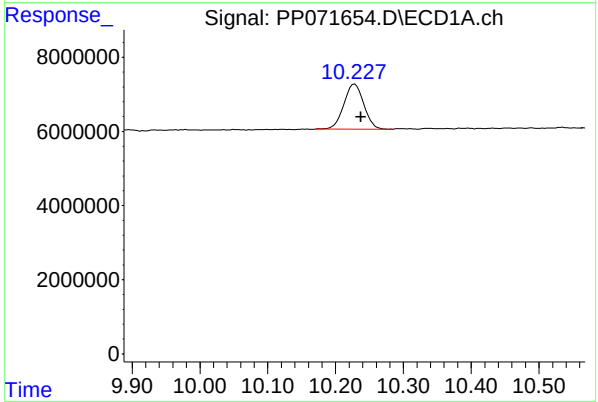
R.T.: 4.512 min
Delta R.T.: -0.005 mi
Response: 31624449
Conc: 15.95 ng/m

Instrument :
ECD_P
ClientSampleId :
I.BLK



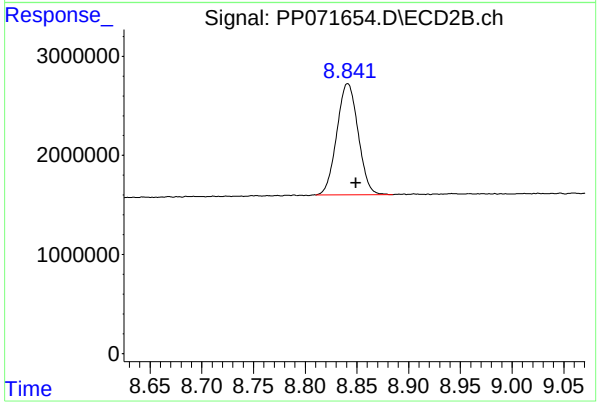
#1 Tetrachloro-m-xylene

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 23488588
Conc: 16.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.009 min
Response: 24720611
Conc: 17.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.008 min
Response: 16101382
Conc: 18.36 ng/ml

Raw Data: **PP071429.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 911	Date Received:	
Client Sample ID:	PB167721BS	SDG No.:	Q1860
Lab Sample ID:	PB167721BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071429.D	1	04/24/25 08:32	04/24/25 13:14	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	140		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	139		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		32 - 175	99%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PP071429.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:14
Operator : YP\AJ
Sample : PB167721BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167721BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:23:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.812	37424003	25864624	18.876	18.361
2)	SA Decachlor...	10.229	8.845	28248381	17361700	19.508	19.796
	Target Compounds						
3)	L1 AR-1016-1	5.666	4.897	28454559	21403064	424.379	399.806
4)	L1 AR-1016-2	5.688	4.916	43419322	30978143	423.073	405.666
5)	L1 AR-1016-3	5.750	5.092	25788373	17174372	418.323	406.875
6)	L1 AR-1016-4	5.847	5.134	21650108	14050134	422.045	407.416
7)	L1 AR-1016-5	6.140	5.348	19747049	17519143	409.364	394.156
31)	L7 AR-1260-1	7.258	6.383	42310554	31472670	440.622	435.311
32)	L7 AR-1260-2	7.512	6.571	63055909	38130713	440.712	435.972
33)	L7 AR-1260-3	7.871	6.724	43988999	34352029	392.394	438.233
34)	L7 AR-1260-4	8.095	7.195	46685969	24680322	413.645	391.065
35)	L7 AR-1260-5	8.415	7.436	91096514	58325283	402.062	386.831

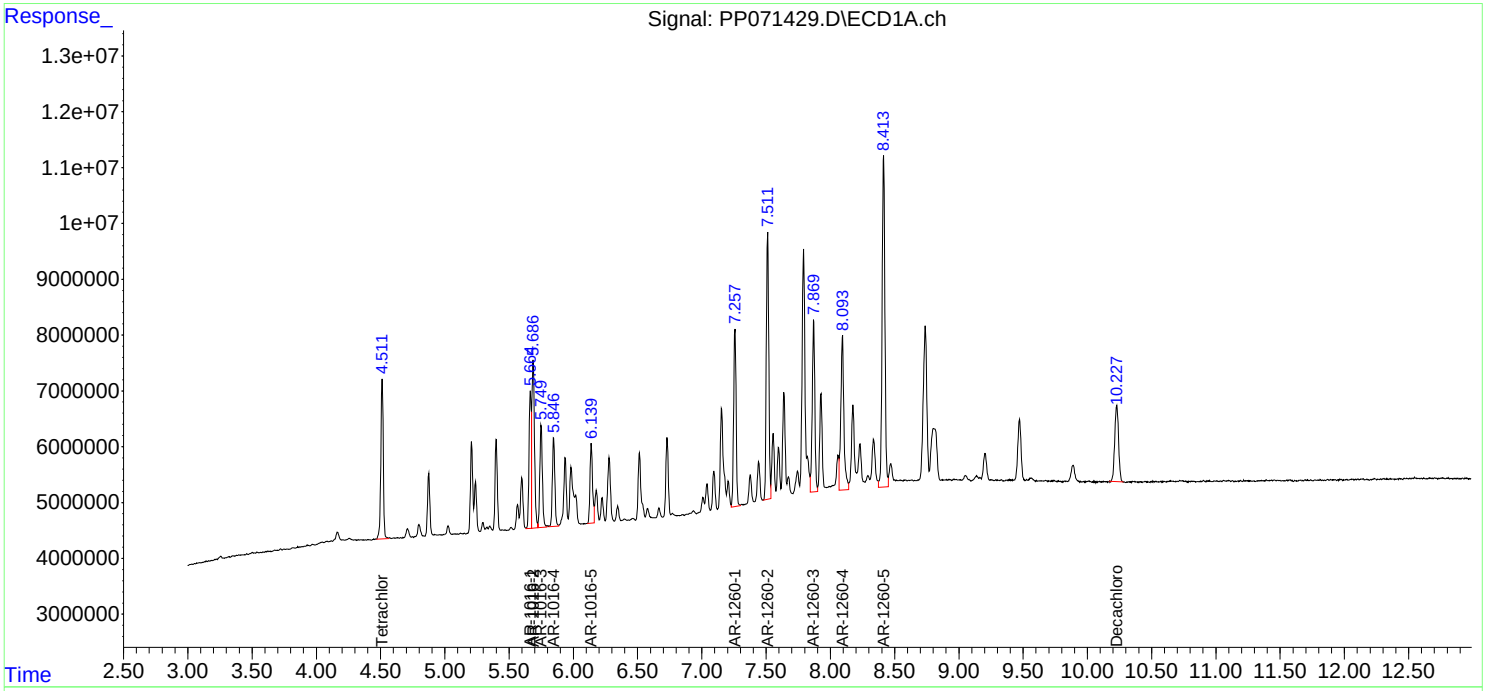
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

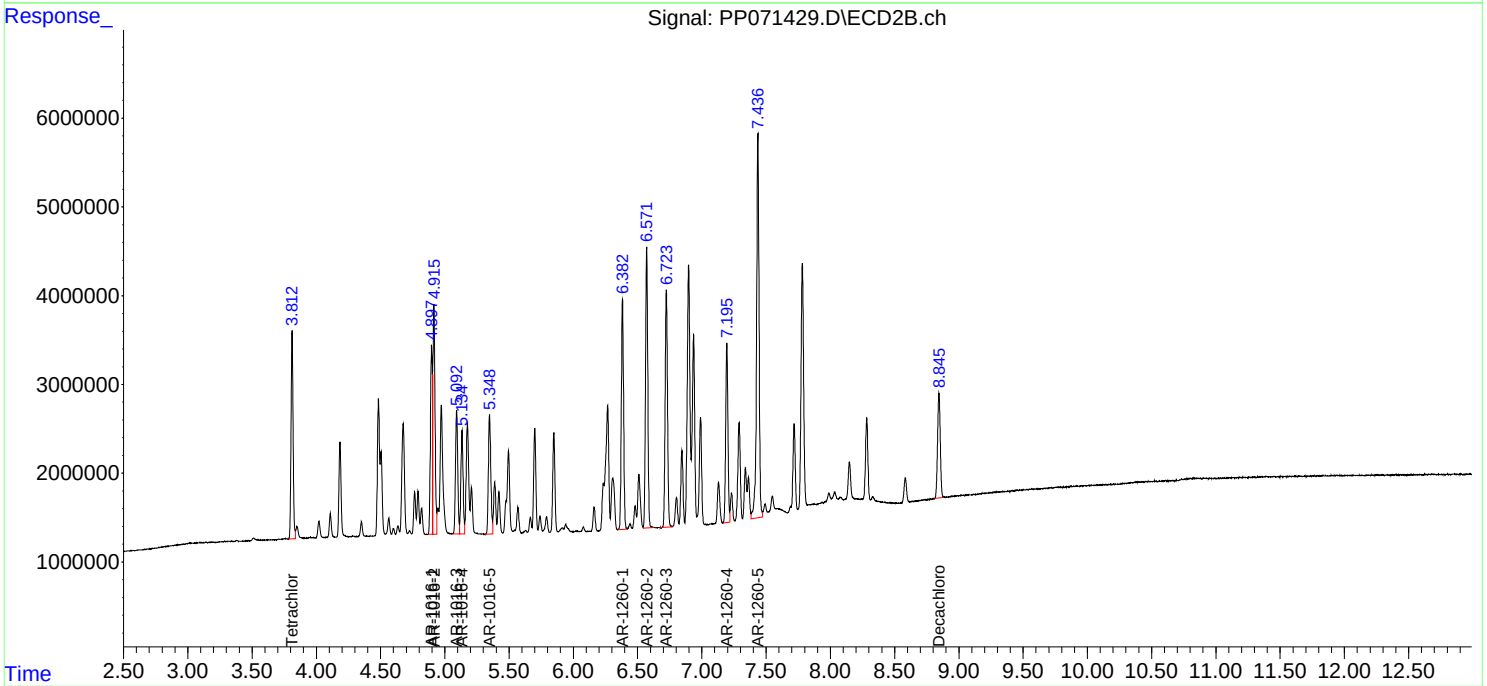
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:14
Operator : YP\AJ
Sample : PB167721BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

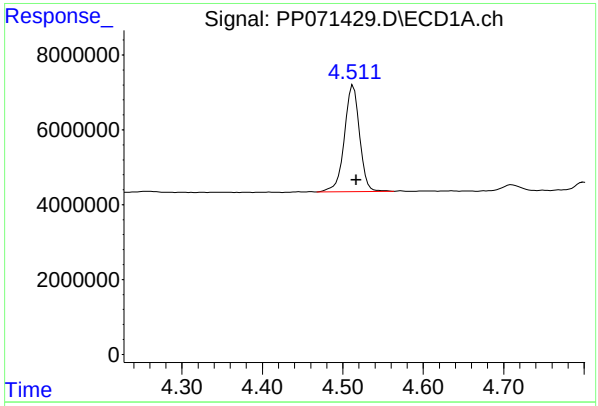
Instrument :
ECD_P
ClientSampleId :
PB167721BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:23:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



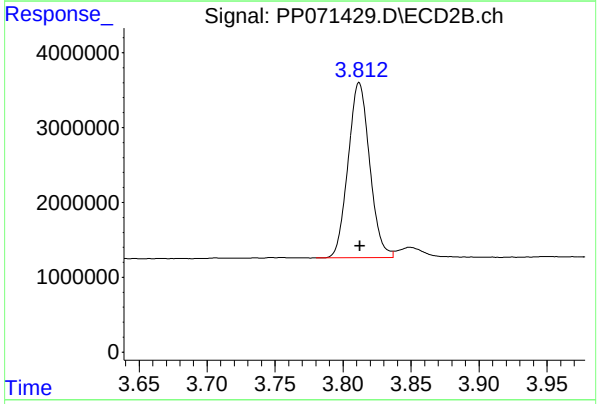




#1 Tetrachloro-m-xylene

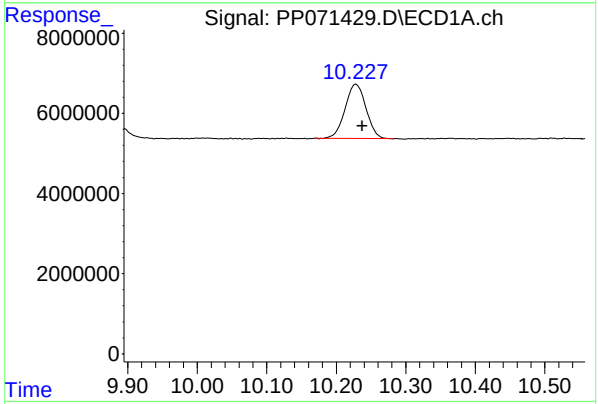
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 37424003
Conc: 18.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167721BS



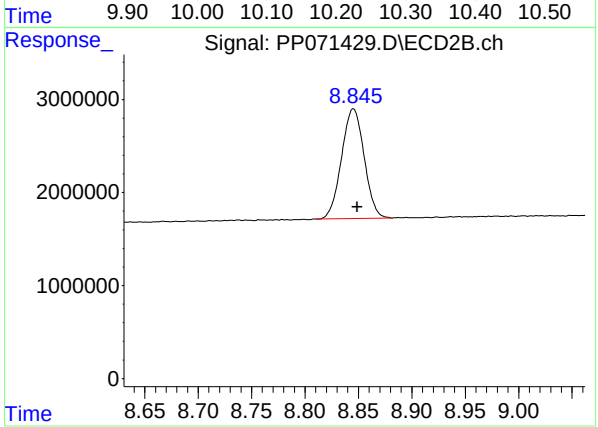
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 25864624
Conc: 18.36 ng/ml



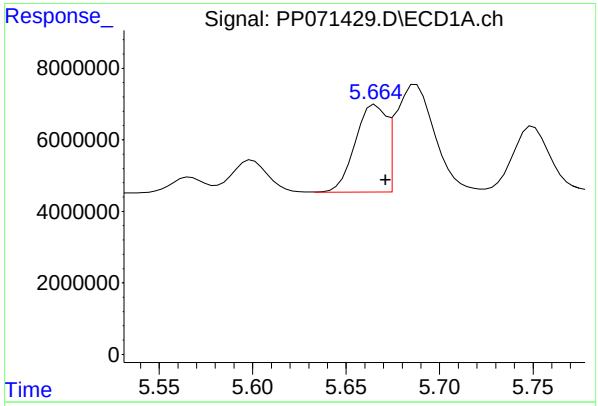
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: -0.009 min
Response: 28248381
Conc: 19.51 ng/ml



#2 Decachlorobiphenyl

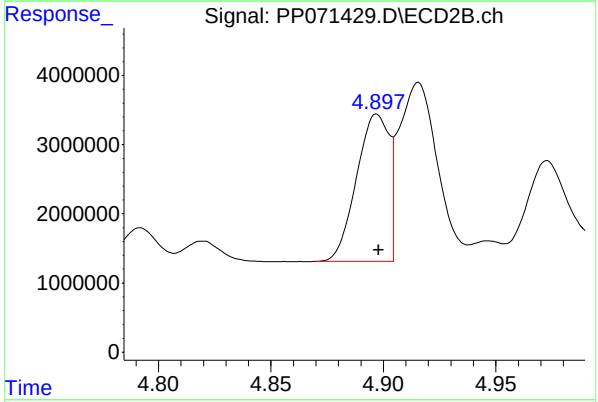
R.T.: 8.845 min
Delta R.T.: -0.004 min
Response: 17361700
Conc: 19.80 ng/ml



#3 AR-1016-1

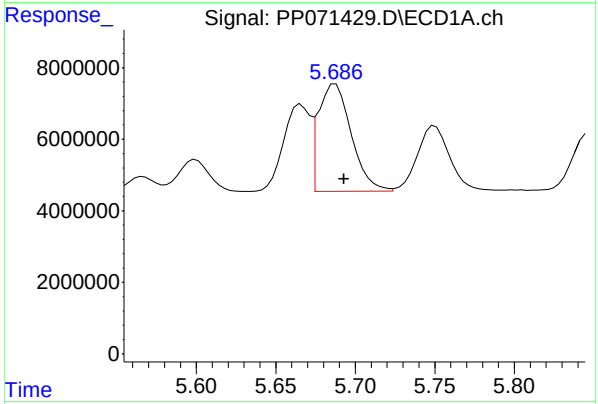
R.T.: 5.666 min
Delta R.T.: -0.005 min
Response: 28454559
Conc: 424.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167721BS



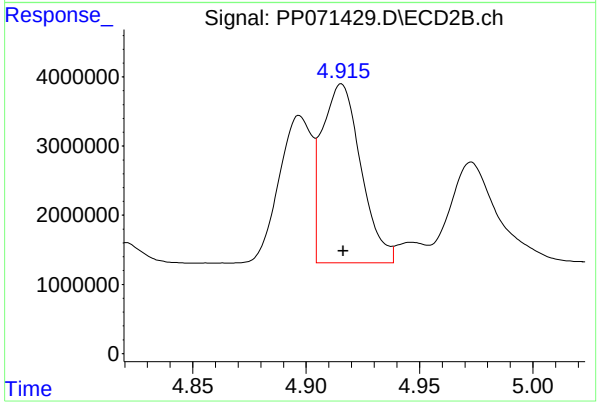
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 21403064
Conc: 399.81 ng/ml



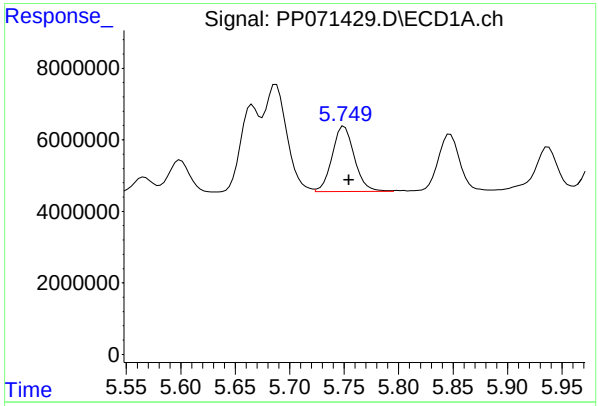
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 43419322
Conc: 423.07 ng/ml



#4 AR-1016-2

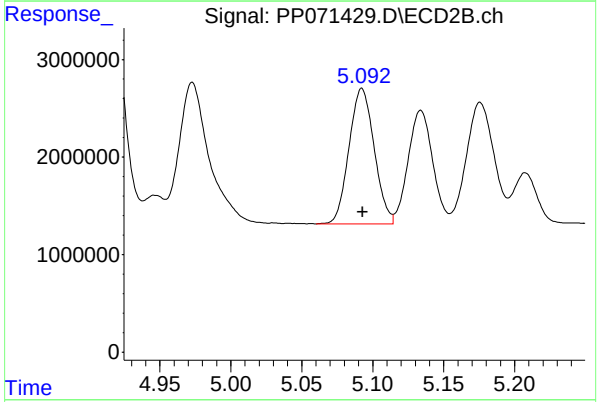
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 30978143
Conc: 405.67 ng/ml



#5 AR-1016-3

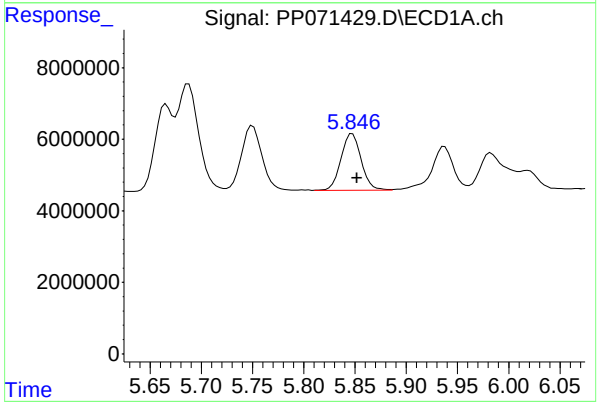
R.T.: 5.750 min
Delta R.T.: -0.004 mi
Response: 25788373
Conc: 418.32 ng/m

Instrument :
ECD_P
ClientSampleId :
PB167721BS



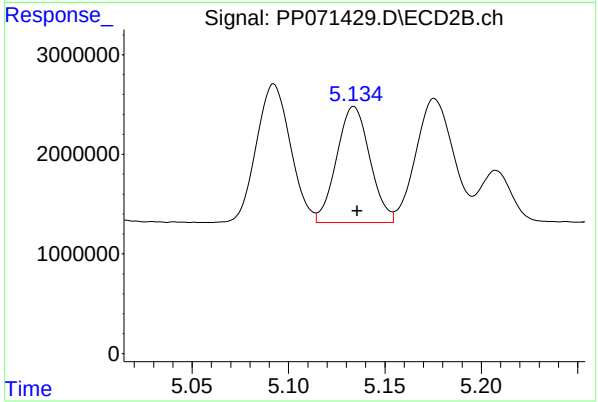
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 17174372
Conc: 406.88 ng/ml



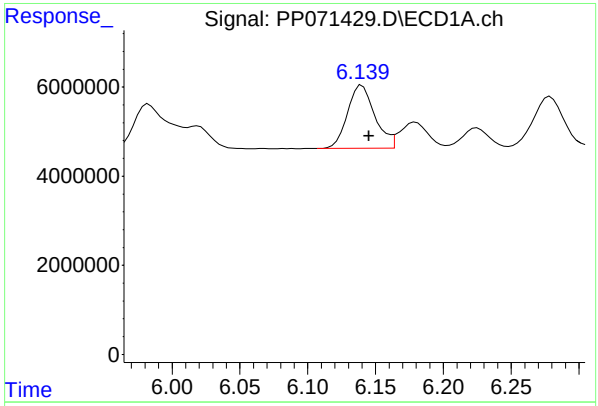
#6 AR-1016-4

R.T.: 5.847 min
Delta R.T.: -0.004 min
Response: 21650108
Conc: 422.04 ng/ml



#6 AR-1016-4

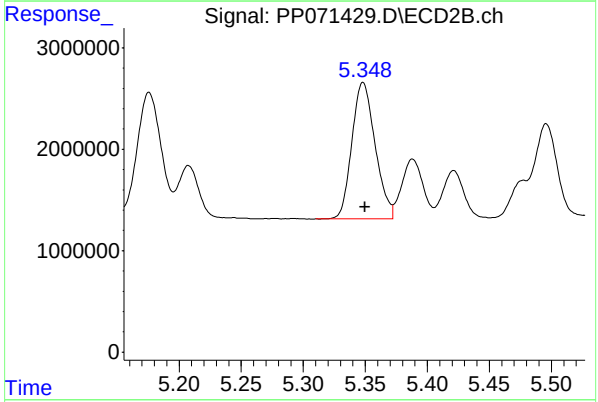
R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 14050134
Conc: 407.42 ng/ml



#7 AR-1016-5

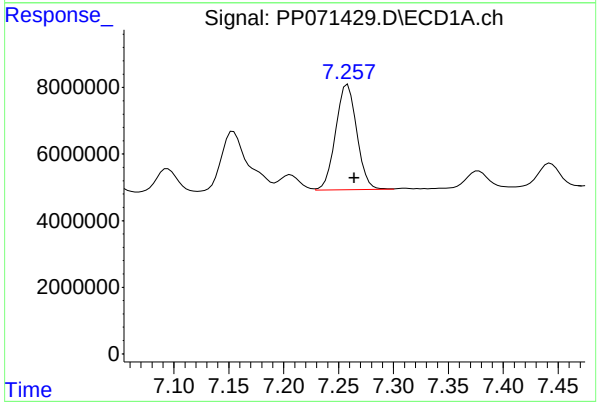
R.T.: 6.140 min
Delta R.T.: -0.005 min
Response: 19747049
Conc: 409.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167721BS



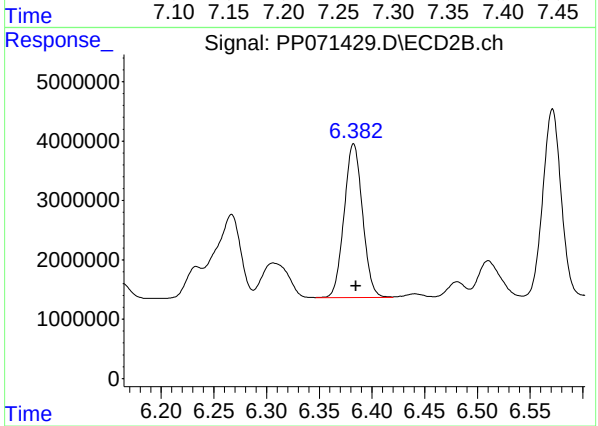
#7 AR-1016-5

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 17519143
Conc: 394.16 ng/ml



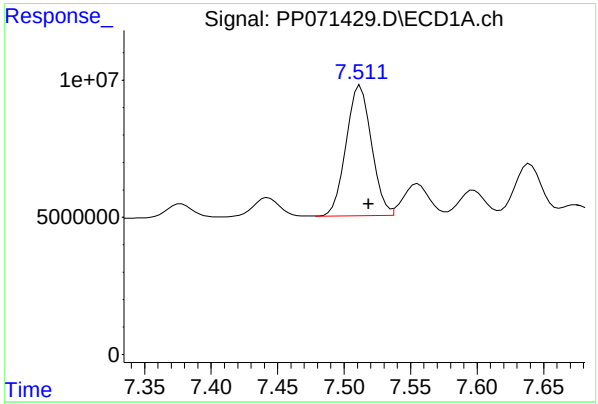
#31 AR-1260-1

R.T.: 7.258 min
Delta R.T.: -0.006 min
Response: 42310554
Conc: 440.62 ng/ml



#31 AR-1260-1

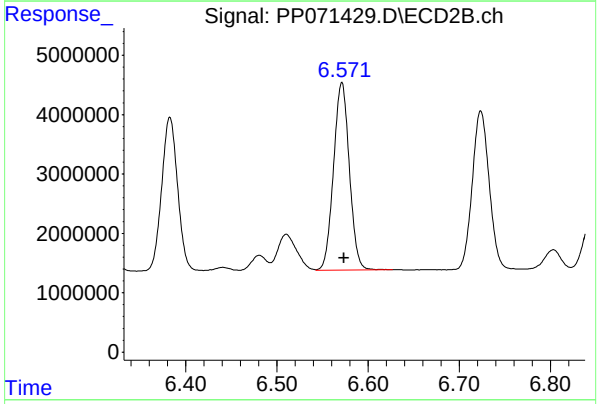
R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 31472670
Conc: 435.31 ng/ml



#32 AR-1260-2

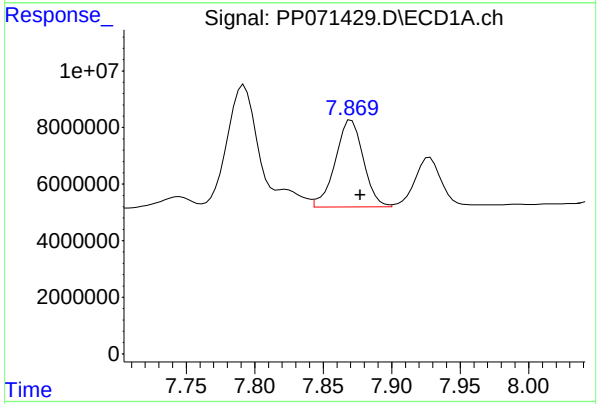
R.T.: 7.512 min
Delta R.T.: -0.006 min
Response: 63055909
Conc: 440.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167721BS



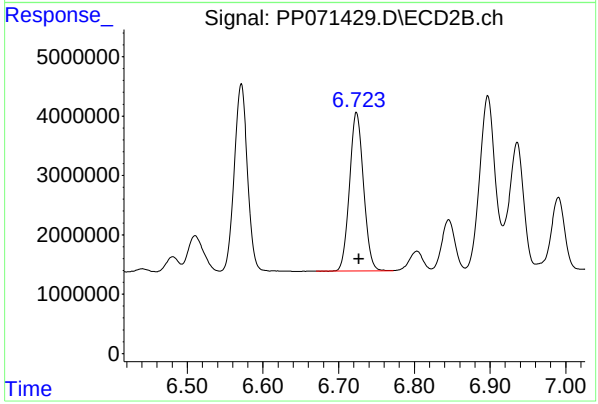
#32 AR-1260-2

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 38130713
Conc: 435.97 ng/ml



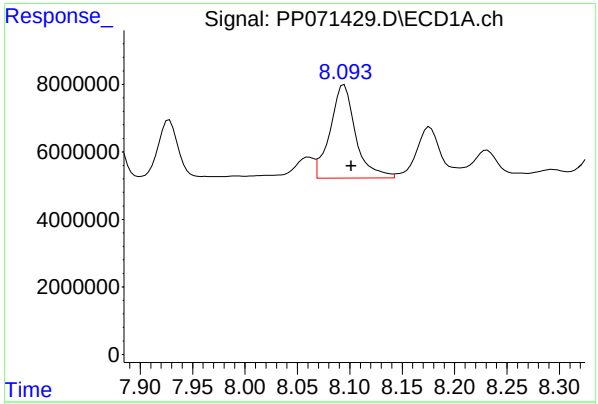
#33 AR-1260-3

R.T.: 7.871 min
Delta R.T.: -0.007 min
Response: 43988999
Conc: 392.39 ng/ml



#33 AR-1260-3

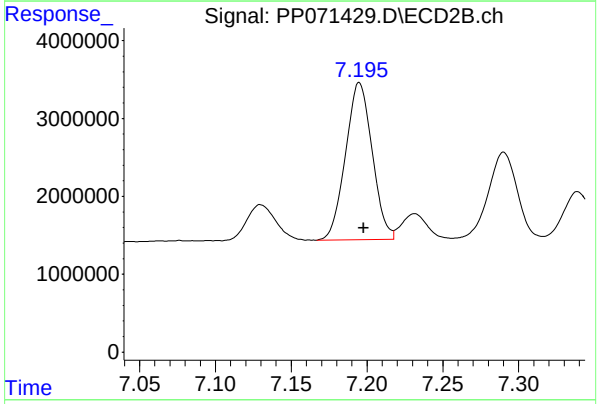
R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 34352029
Conc: 438.23 ng/ml



#34 AR-1260-4

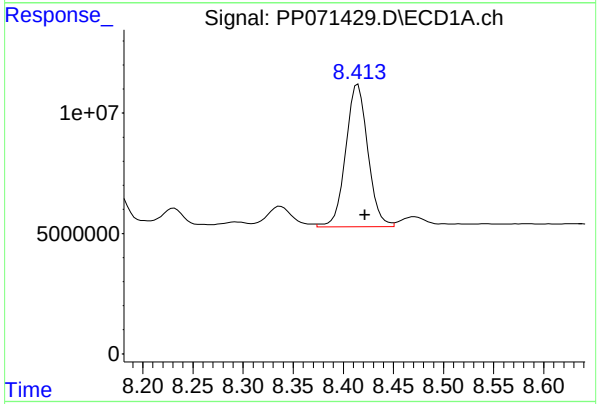
R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 46685969
Conc: 413.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167721BS



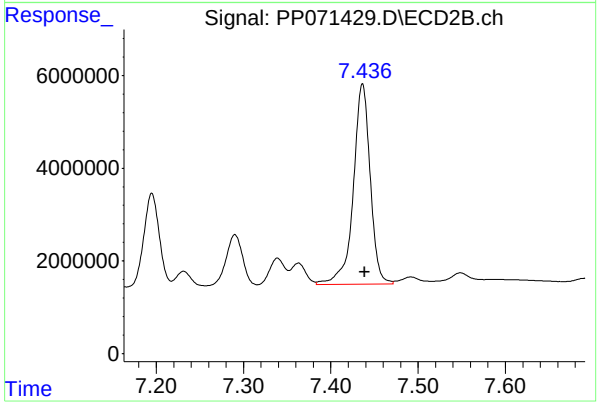
#34 AR-1260-4

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 24680322
Conc: 391.06 ng/ml



#35 AR-1260-5

R.T.: 8.415 min
Delta R.T.: -0.007 min
Response: 91096514
Conc: 402.06 ng/ml



#35 AR-1260-5

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 58325283
Conc: 386.83 ng/ml

Raw Data: **PO110726.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 911		Date Received:		
Client Sample ID:	PB167737BS		SDG No.:	Q1860	
Lab Sample ID:	PB167737BS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02 Units: g		Final Vol:	10000	uL
Soil Aliquot Vol:	uL		Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0 PH :				
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110726.D	1	04/25/25 08:20	04/25/25 12:13	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	155		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	148		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		32 - 175	98%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 12:13
Operator : YP/AJ
Sample : PB167737BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167737BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:21:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.687	3.683	166.9E6	86375513	19.074	17.310
2)	SA Decachlor...	8.729	8.679	151.5E6	37683248	19.193	19.576
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.762	154.6E6	75543907	471.200	430.426
4)	L1 AR-1016-2	4.795	4.781	216.0E6	108.4E6	474.805	430.991
5)	L1 AR-1016-3	4.852	4.956	148.9E6	56993318	461.689	419.961
6)	L1 AR-1016-4	4.972	4.998	117.2E6	47125844	470.360	412.055
7)	L1 AR-1016-5	5.230	5.211	121.2E6	60552920	450.519	406.194
31)	L7 AR-1260-1	6.269	6.242	230.1E6	109.4E6	486.961	444.846
32)	L7 AR-1260-2	6.458	6.430	279.2E6	127.2E6	476.127	436.044
33)	L7 AR-1260-3	6.826	6.582	201.2E6	117.7E6	408.196	434.320
34)	L7 AR-1260-4	7.086	7.053	185.6E6	80358969	437.219	400.513
35)	L7 AR-1260-5	7.328	7.295	434.3E6	175.6E6	416.184	382.626

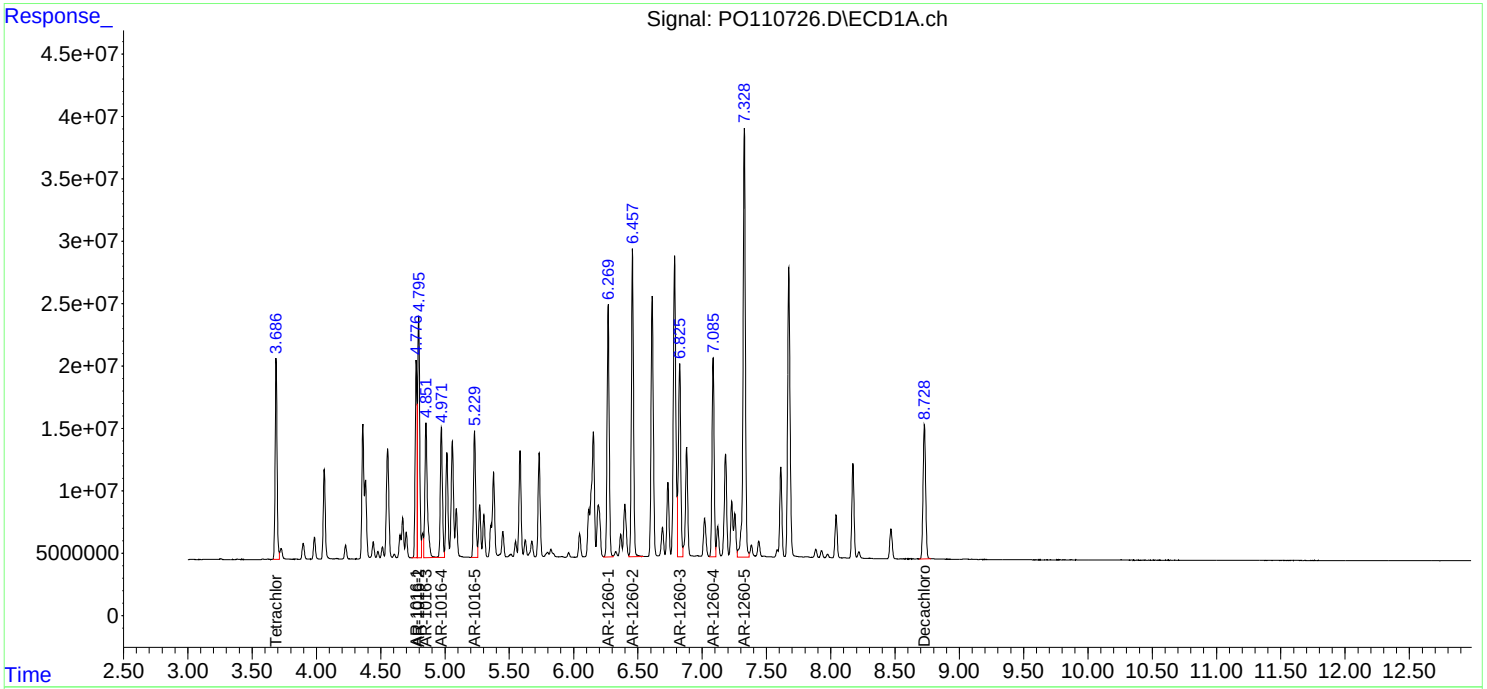
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

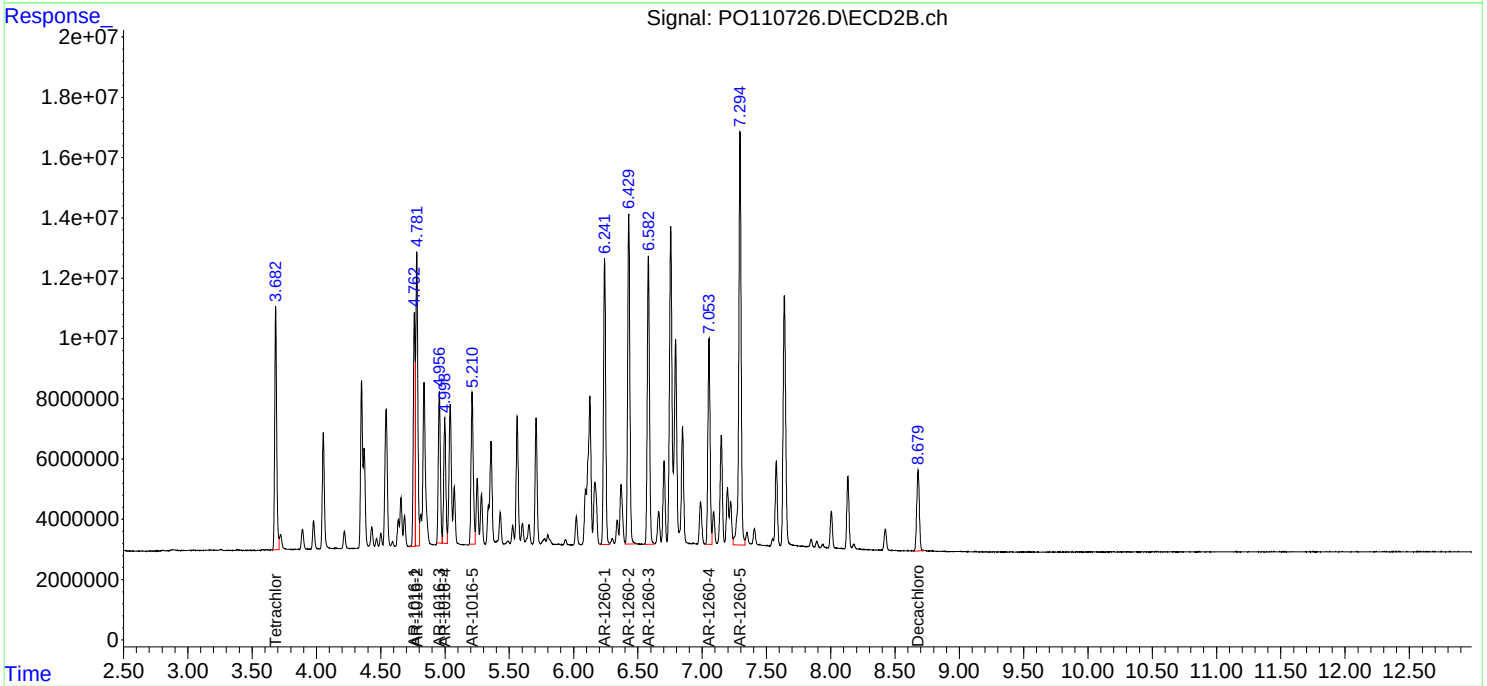
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 12:13
Operator : YP/AJ
Sample : PB167737BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

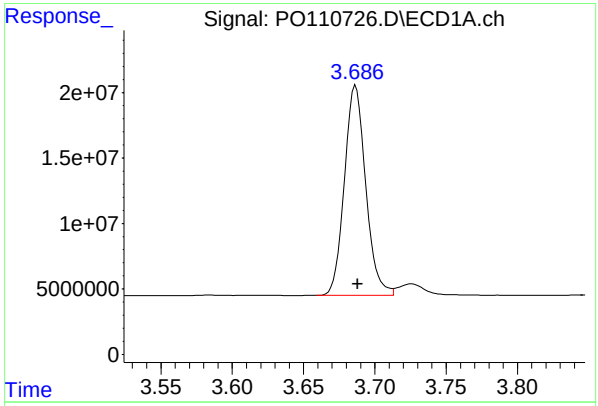
Instrument :
ECD_O
ClientSampleId :
PB167737BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 00:21:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



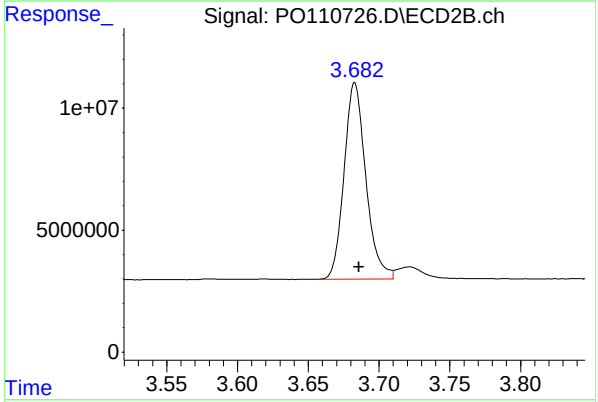




#1 Tetrachloro-m-xylene

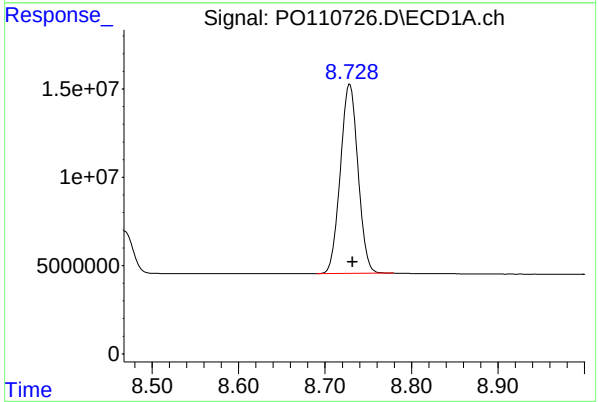
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 166879655
Conc: 19.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167737BS



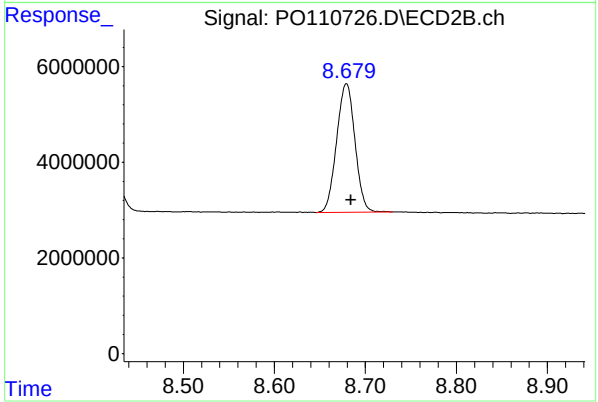
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.003 min
Response: 86375513
Conc: 17.31 ng/ml



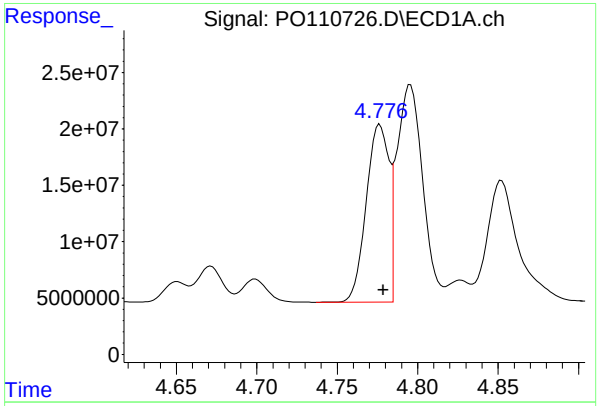
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 151529950
Conc: 19.19 ng/ml



#2 Decachlorobiphenyl

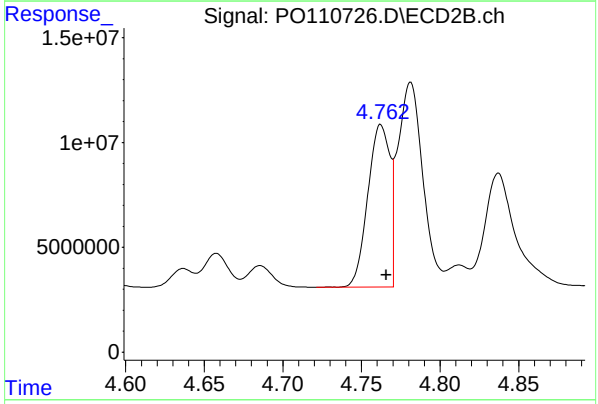
R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 37683248
Conc: 19.58 ng/ml



#3 AR-1016-1

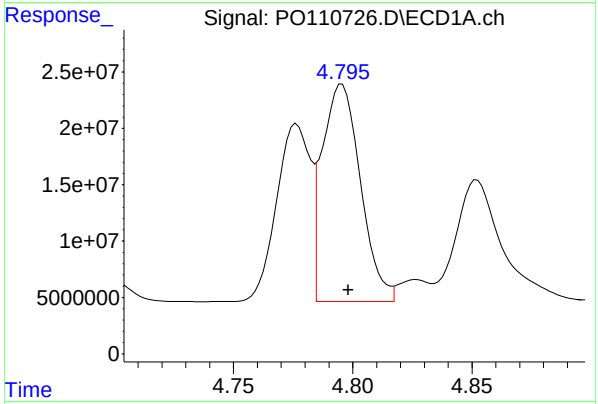
R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 154621139
Conc: 471.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167737BS



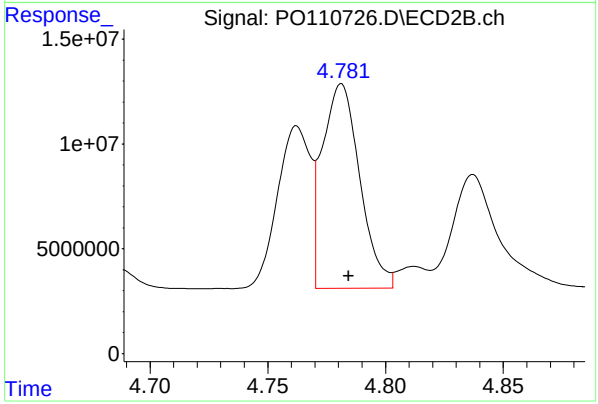
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 75543907
Conc: 430.43 ng/ml



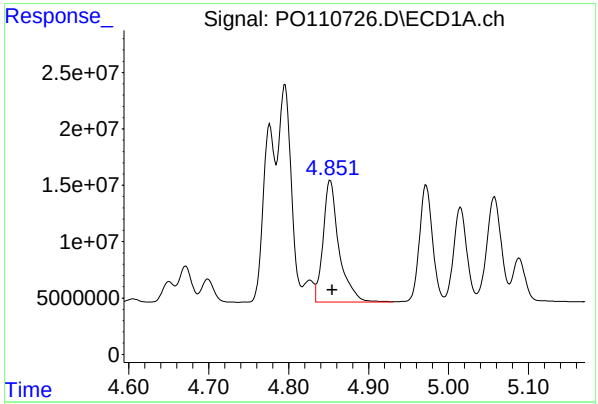
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 216011796
Conc: 474.81 ng/ml



#4 AR-1016-2

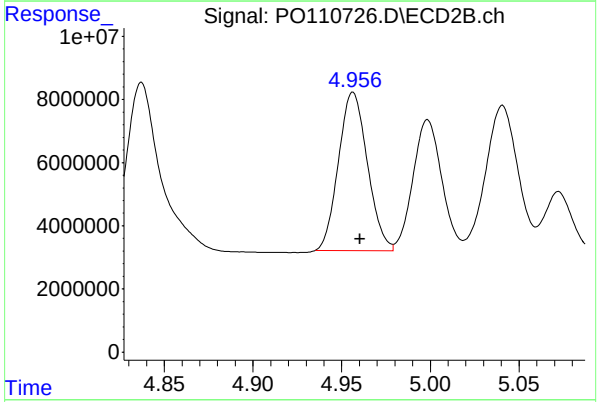
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 108379189
Conc: 430.99 ng/ml



#5 AR-1016-3

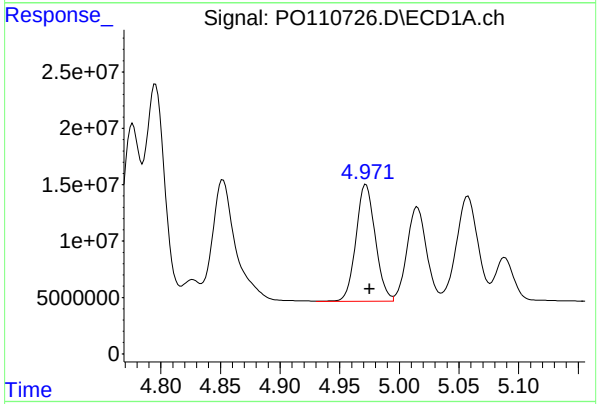
R.T.: 4.852 min
Delta R.T.: -0.002 min
Response: 148907420
Conc: 461.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167737BS



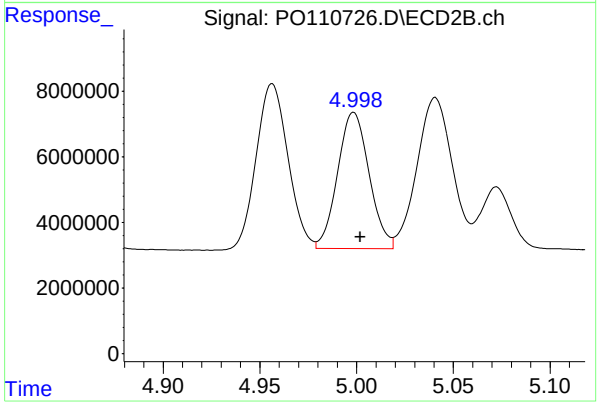
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 56993318
Conc: 419.96 ng/ml



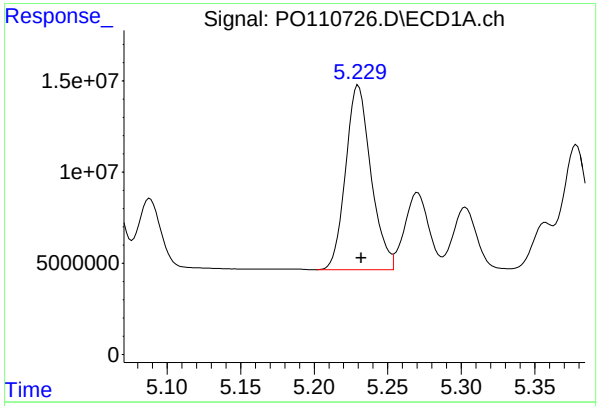
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 117196996
Conc: 470.36 ng/ml



#6 AR-1016-4

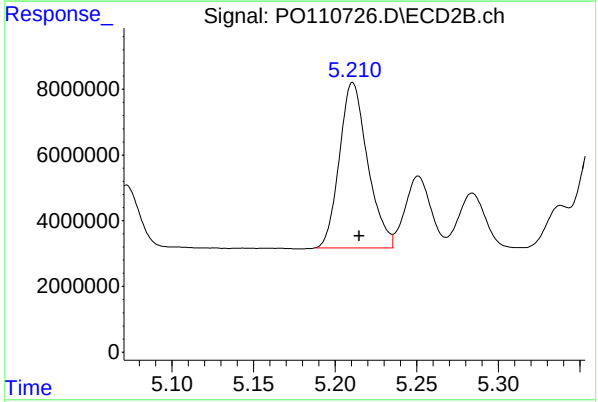
R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 47125844
Conc: 412.05 ng/ml



#7 AR-1016-5

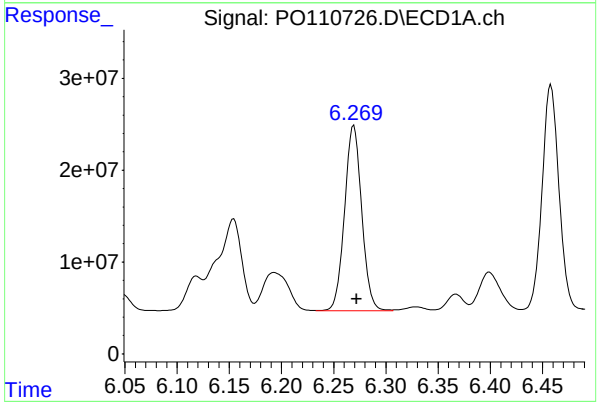
R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 121194847
Conc: 450.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167737BS



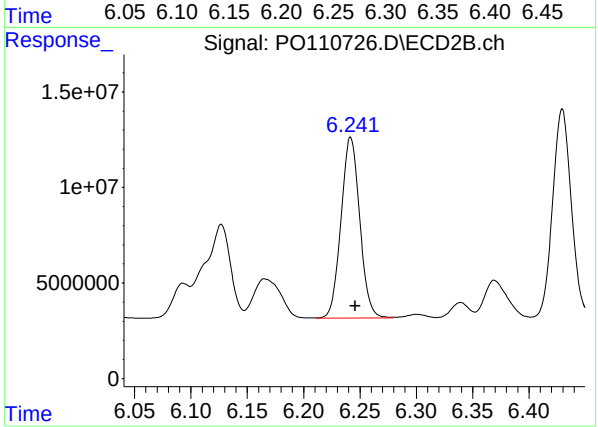
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 60552920
Conc: 406.19 ng/ml



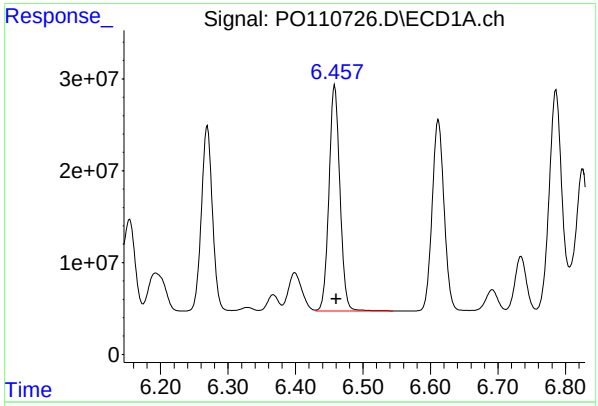
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 230062214
Conc: 486.96 ng/ml



#31 AR-1260-1

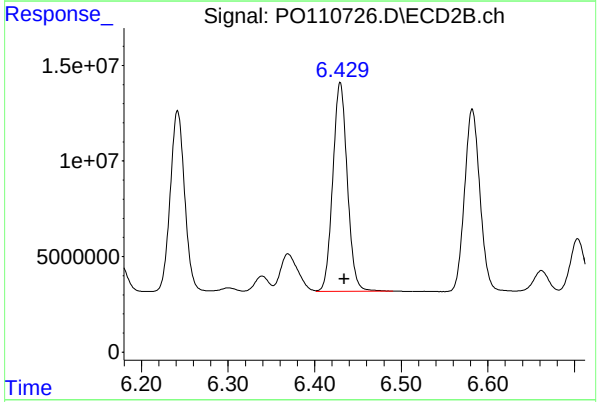
R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 109415901
Conc: 444.85 ng/ml



#32 AR-1260-2

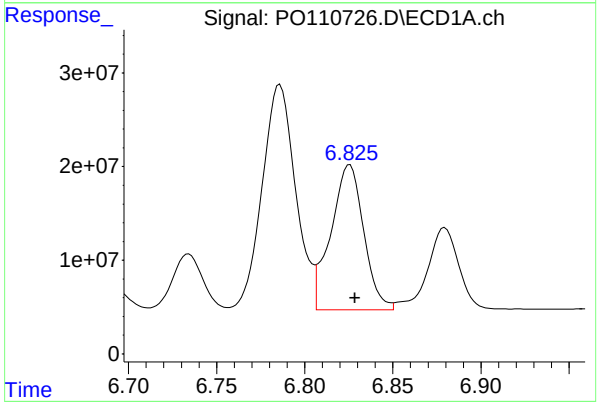
R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 279212201
Conc: 476.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167737BS



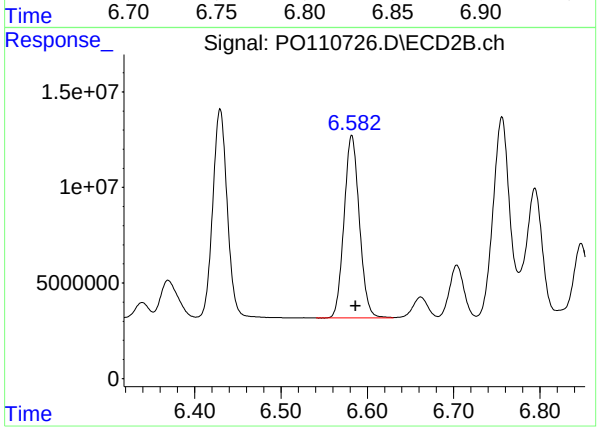
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 127216127
Conc: 436.04 ng/ml



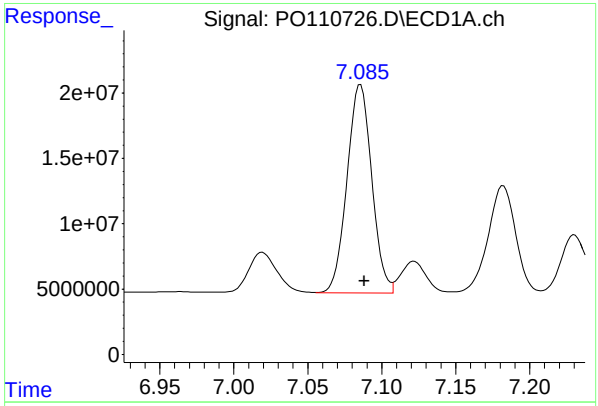
#33 AR-1260-3

R.T.: 6.826 min
Delta R.T.: -0.003 min
Response: 201188428
Conc: 408.20 ng/ml



#33 AR-1260-3

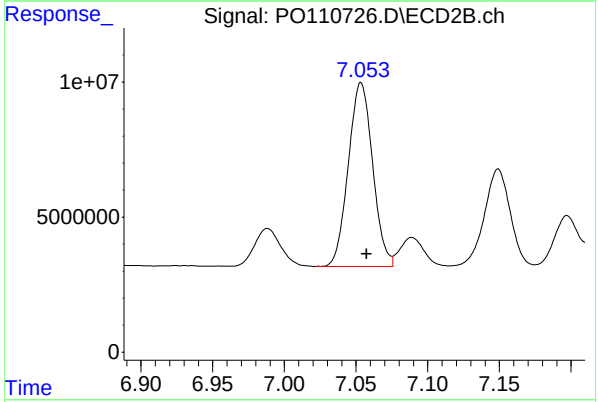
R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 117650328
Conc: 434.32 ng/ml



#34 AR-1260-4

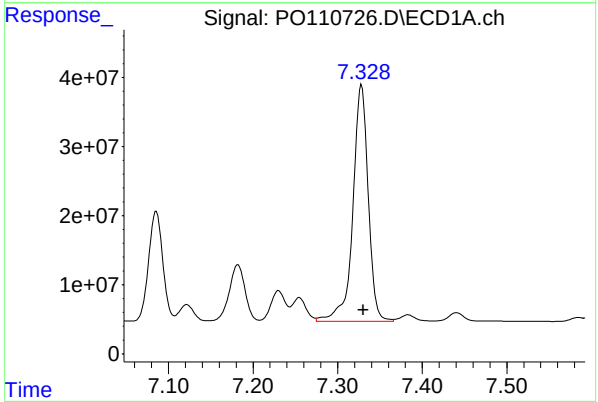
R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 185565689
Conc: 437.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167737BS



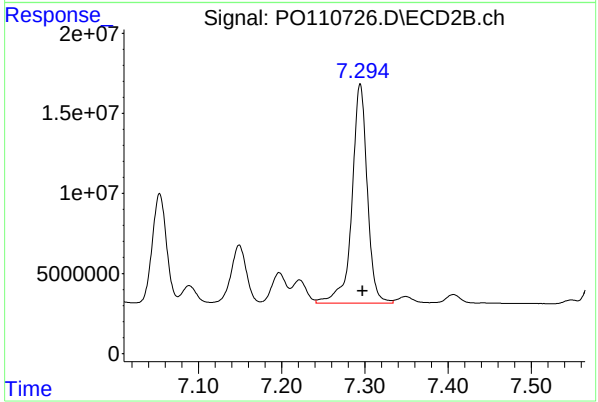
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 80358969
Conc: 400.51 ng/ml



#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 434275936
Conc: 416.18 ng/ml



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 175571044
Conc: 382.63 ng/ml

Raw Data: **PP071431.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS001-01MS	SDG No.:	Q1860
Lab Sample ID:	Q1860-02MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.7 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071431.D	1	04/24/25 08:32	04/24/25 13:47	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	185		4.50	19.6	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.6	ug/kg
11096-82-5	Aroclor-1260	197		3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.4		32 - 144	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.2		32 - 175	81%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP071431.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:47
Operator : YP\AJ
Sample : Q1860-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:23:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.812	32729509	24475087	16.508	17.375
2)	SA Decachlor...	10.230	8.845	22712883	14183884	15.686	16.172
	Target Compounds						
3)	L1 AR-1016-1	5.667	4.896	27902872	21436393	416.151	400.429
4)	L1 AR-1016-2	5.688	4.915	46727737	29594346	455.310	387.545
5)	L1 AR-1016-3	5.750	5.092	27365620	16439489	443.908	389.465
6)	L1 AR-1016-4	5.847	5.134	29903868	14358299	582.942	416.352 #
7)	L1 AR-1016-5	6.139	5.347	24916171	18186834	516.522m	409.178m
31)	L7 AR-1260-1	7.258	6.383	50760573	41936841	528.620m	580.045
32)	L7 AR-1260-2	7.511	6.571	85242703	45194939	595.780m	516.741
33)	L7 AR-1260-3	7.871	6.724	43612084	37972979	389.032	484.426
34)	L7 AR-1260-4	8.094	7.195	66793003	24934295	591.796	395.089 #
35)	L7 AR-1260-5	8.416	7.436	103.0E6	63404375	454.682	420.517

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP071431.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 13:47
Operator : YP\AJ
Sample : Q1860-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

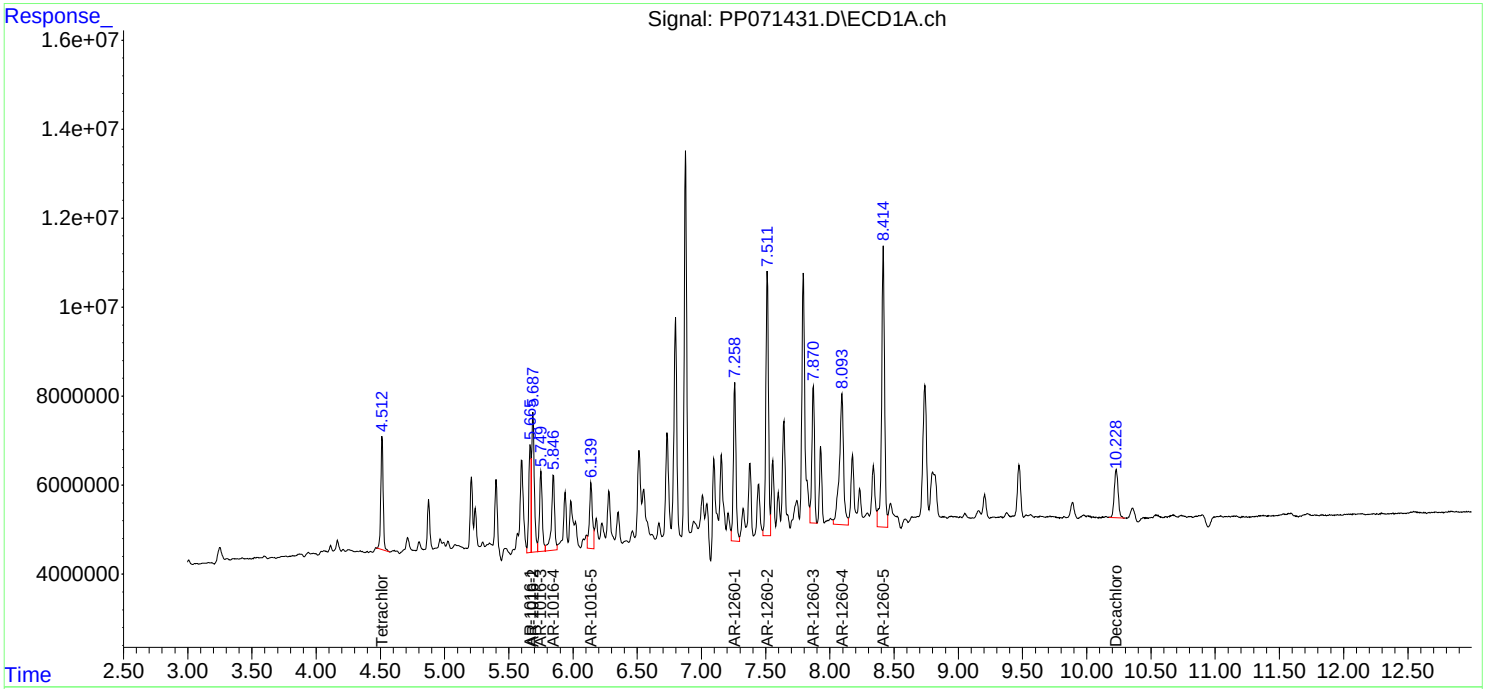
Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MS

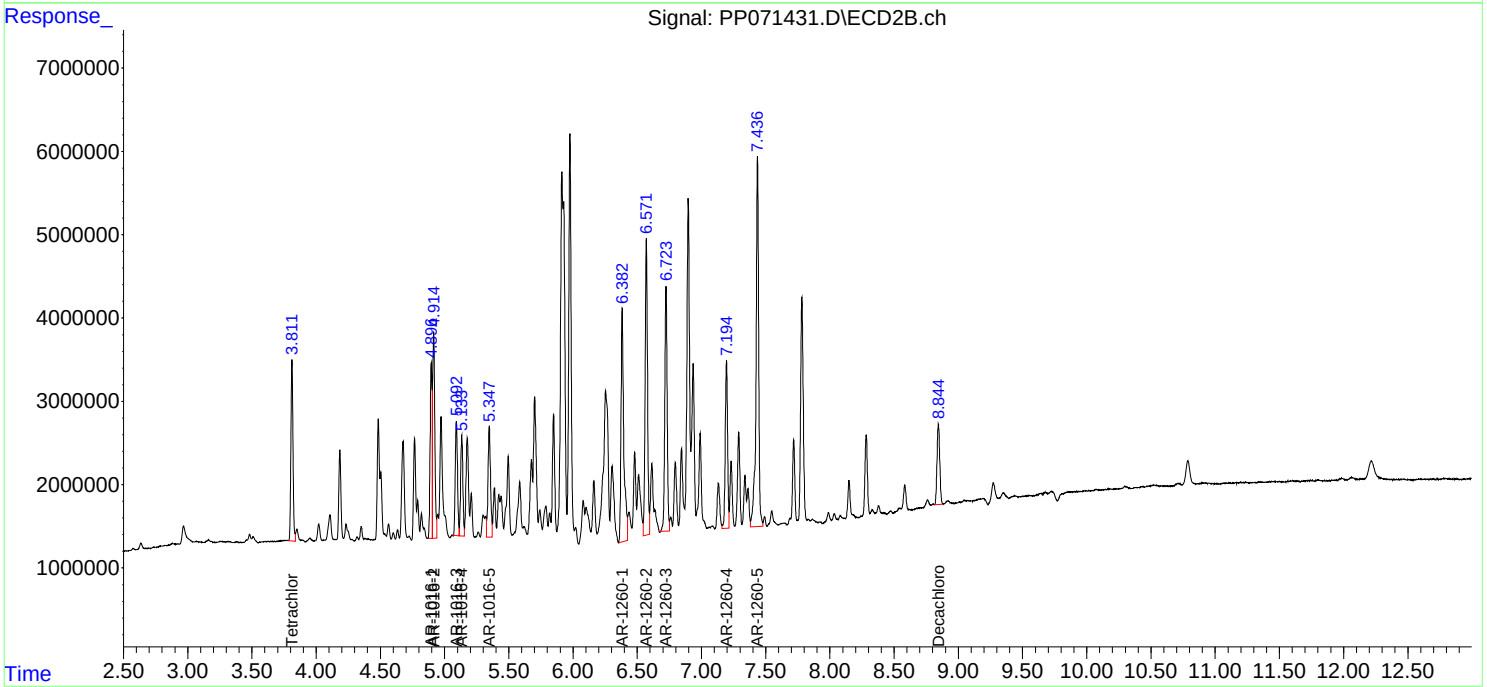
Manual Integrations APPROVED

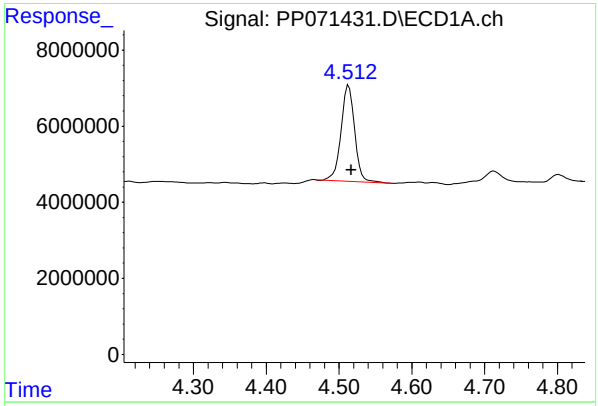
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:23:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







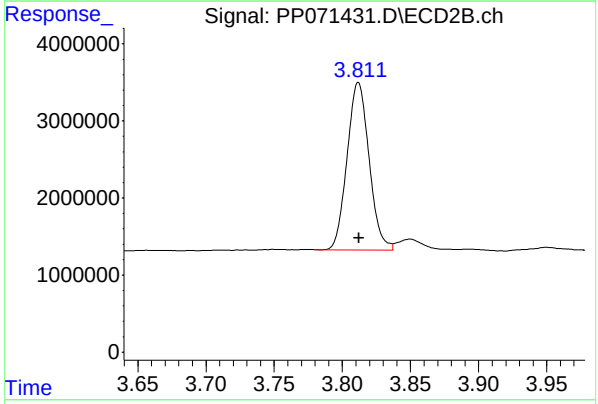
#1 Tetrachloro-m-xylene

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 32729509
Conc: 16.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MS

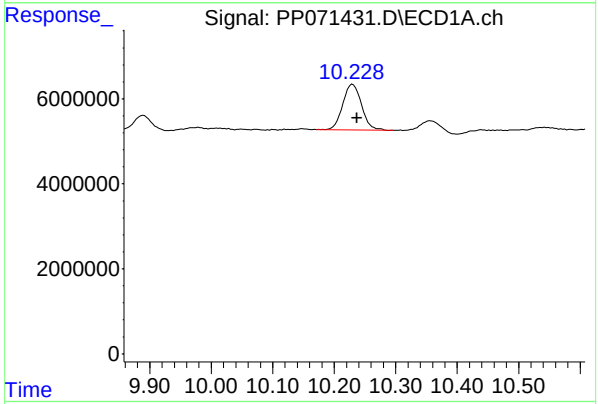
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



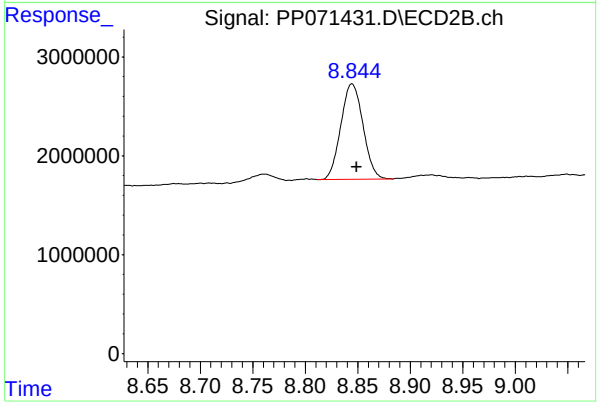
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 24475087
Conc: 17.37 ng/ml



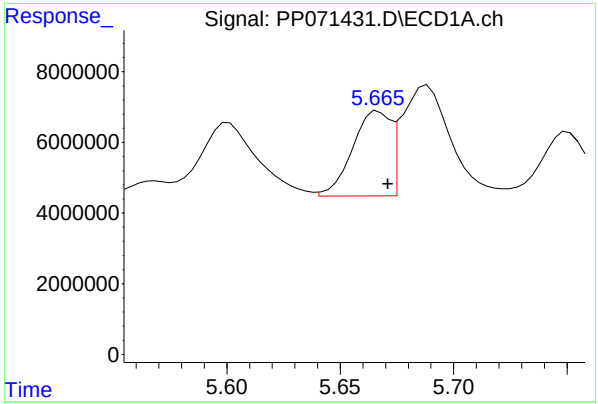
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: -0.008 min
Response: 22712883
Conc: 15.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.845 min
Delta R.T.: -0.005 min
Response: 14183884
Conc: 16.17 ng/ml



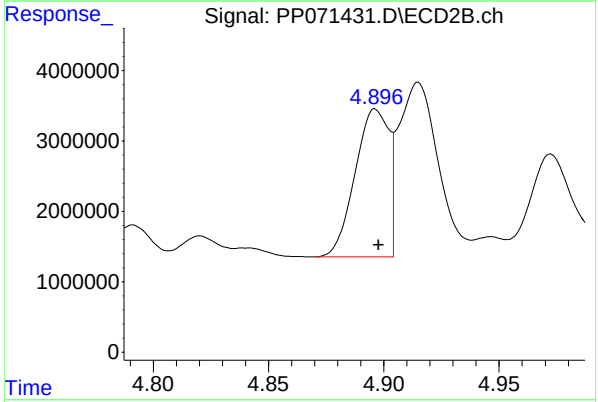
#3 AR-1016-1

R.T.: 5.667 min
Delta R.T.: -0.004 min
Response: 27902872
Conc: 416.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MS

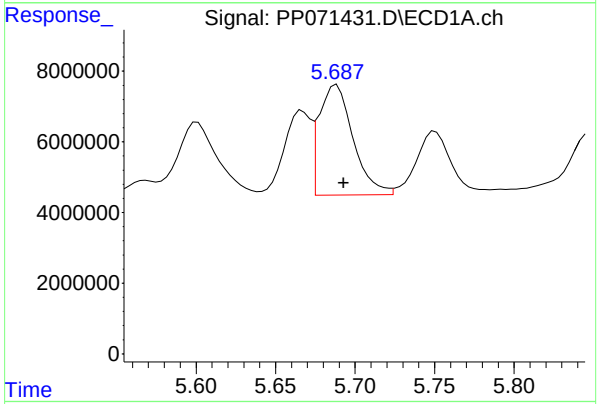
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



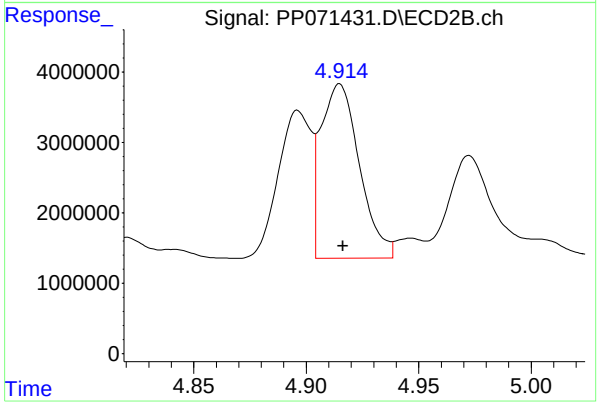
#3 AR-1016-1

R.T.: 4.896 min
Delta R.T.: -0.002 min
Response: 21436393
Conc: 400.43 ng/ml



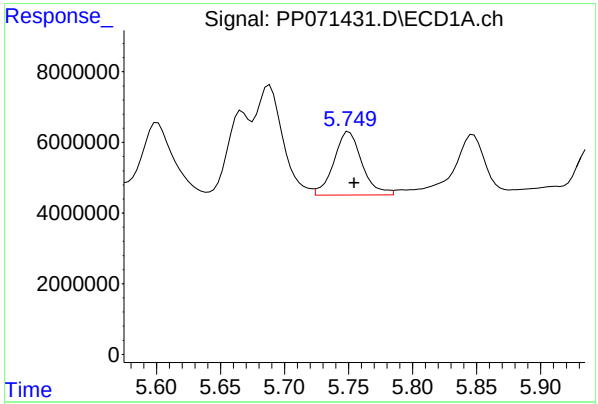
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 46727737
Conc: 455.31 ng/ml



#4 AR-1016-2

R.T.: 4.915 min
Delta R.T.: -0.001 min
Response: 29594346
Conc: 387.54 ng/ml



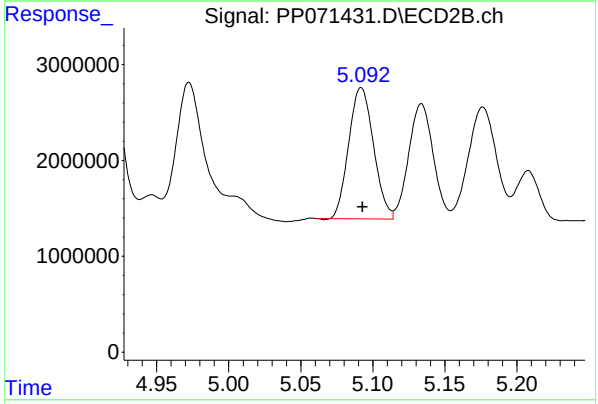
#5 AR-1016-3

R.T.: 5.750 min
Delta R.T.: -0.004 min
Response: 27365620
Conc: 443.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MS

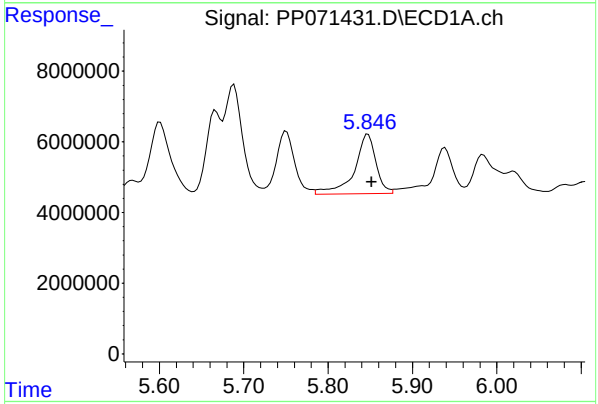
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



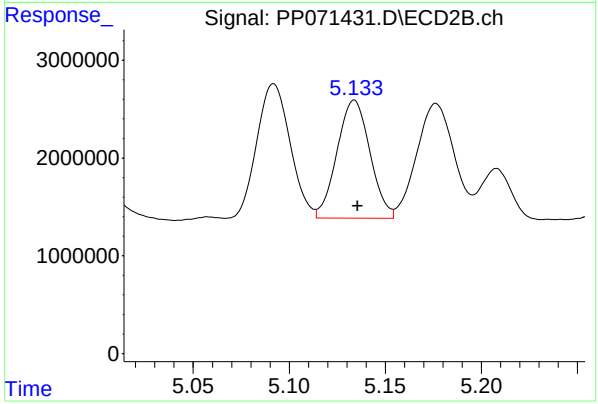
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 16439489
Conc: 389.47 ng/ml



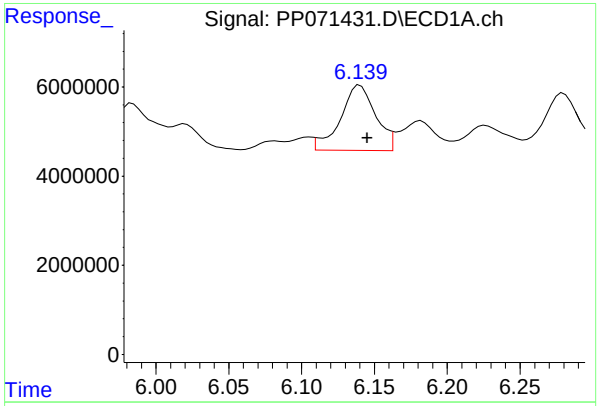
#6 AR-1016-4

R.T.: 5.847 min
Delta R.T.: -0.004 min
Response: 29903868
Conc: 582.94 ng/ml



#6 AR-1016-4

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 14358299
Conc: 416.35 ng/ml



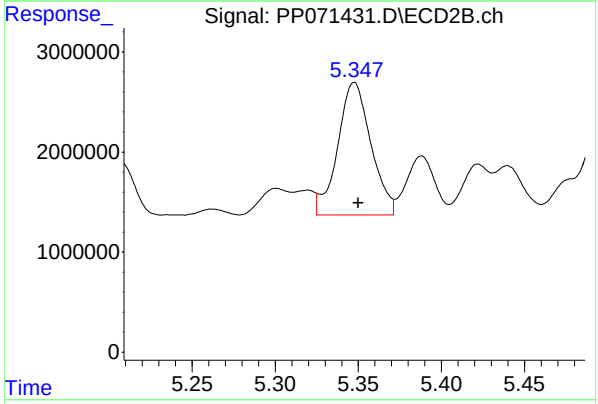
#7 AR-1016-5

R.T.: 6.139 min
Delta R.T.: -0.006 mi
Response: 24916171
Conc: 516.52 ng/m

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MS

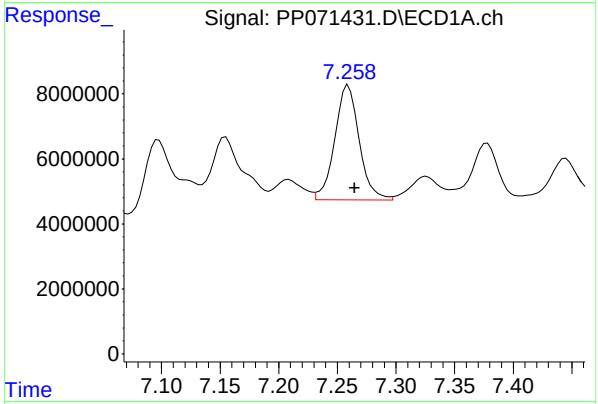
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



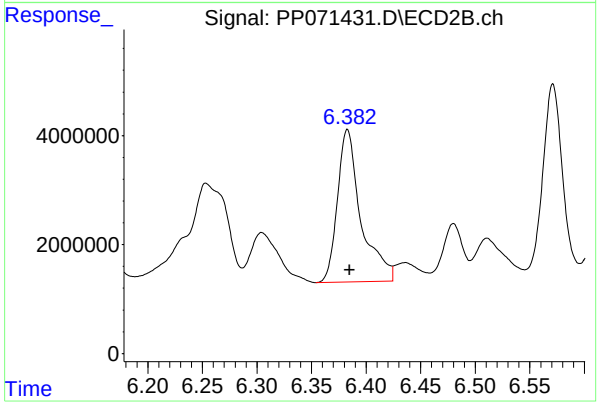
#7 AR-1016-5

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 18186834
Conc: 409.18 ng/ml m



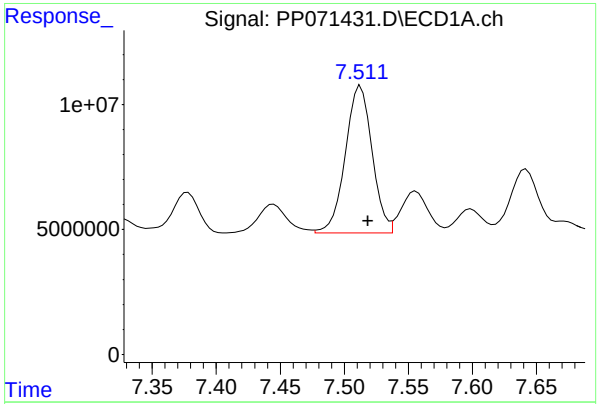
#31 AR-1260-1

R.T.: 7.258 min
Delta R.T.: -0.006 min
Response: 50760573
Conc: 528.62 ng/ml m



#31 AR-1260-1

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 41936841
Conc: 580.05 ng/ml



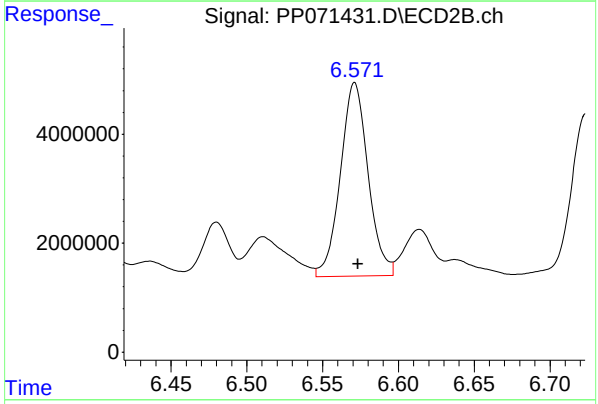
#32 AR-1260-2

R.T.: 7.511 min
Delta R.T.: -0.007 min
Response: 85242703
Conc: 595.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MS

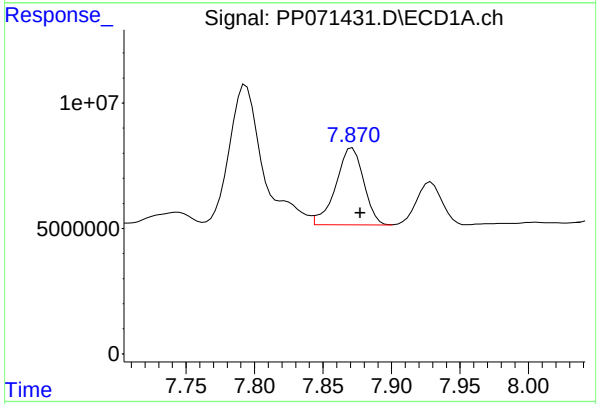
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



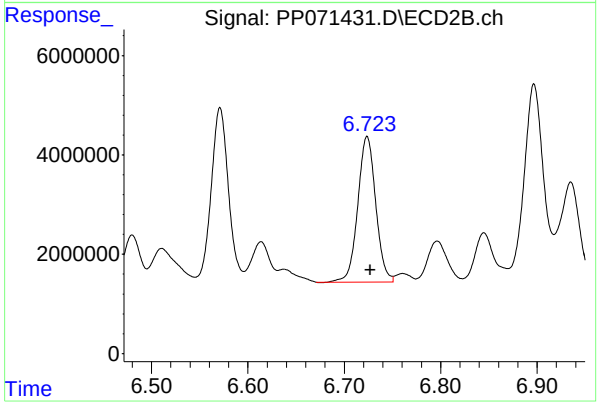
#32 AR-1260-2

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 45194939
Conc: 516.74 ng/ml



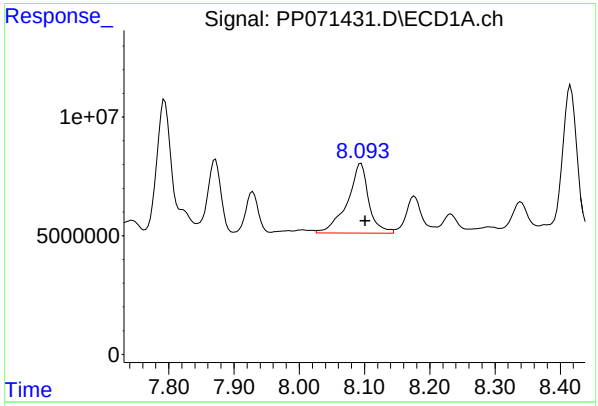
#33 AR-1260-3

R.T.: 7.871 min
Delta R.T.: -0.006 min
Response: 43612084
Conc: 389.03 ng/ml



#33 AR-1260-3

R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 37972979
Conc: 484.43 ng/ml



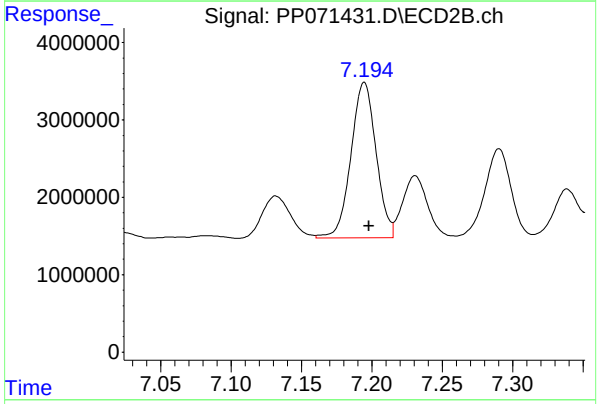
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: -0.007 min
Response: 66793003
Conc: 591.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MS

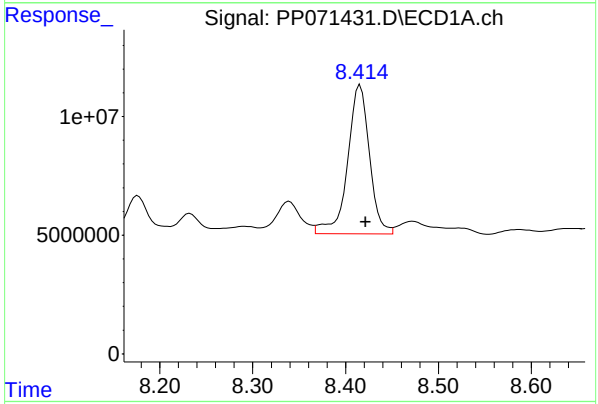
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



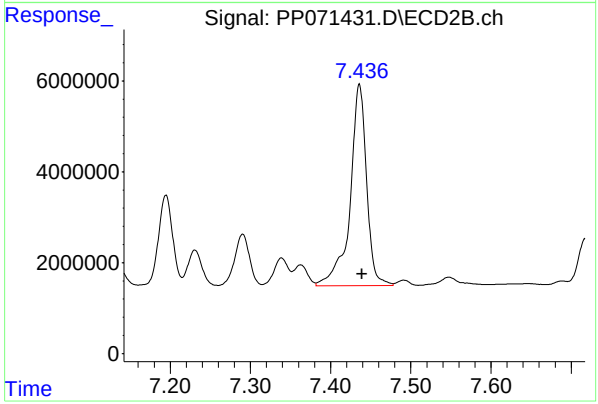
#34 AR-1260-4

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 24934295
Conc: 395.09 ng/ml



#35 AR-1260-5

R.T.: 8.416 min
Delta R.T.: -0.006 min
Response: 103018855
Conc: 454.68 ng/ml



#35 AR-1260-5

R.T.: 7.436 min
Delta R.T.: -0.003 min
Response: 63404375
Conc: 420.52 ng/ml

Raw Data: **PO110728.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS016-01MS	SDG No.:	Q1860
Lab Sample ID:	Q1860-20MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.1 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110728.D	1	04/25/25 08:20	04/25/25 12:49	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	1300	EP	4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	1400	E	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	1000	E	3.90	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	633	E	3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.8		32 - 144	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		32 - 175	94%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PO110728.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 12:49
Operator : YP/AJ
Sample : Q1860-20MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 06:53:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.687	3.683	155.9E6	84648255	17.817	16.964	
2)	SA Decachlor...	8.726	8.678	135.1E6	36223980	17.112	18.818	
	Target Compounds							
3)	L1 AR-1016-1	4.777	4.763	658.8E6	337.3E6	2007.735	1921.621	
4)	L1 AR-1016-2	4.796	4.782	1342.2E6	721.3E6	2950.126	2868.516	
5)	L1 AR-1016-3	4.852	4.958	285.8E6	373.7E6	886.146m	2753.310	#
6)	L1 AR-1016-4	4.973	4.999	713.2E6	532.8E6	2862.562	4659.070	#
7)	L1 AR-1016-5	5.230	5.211	1170.7E6	616.2E6	4351.837	4133.631m	
21)	L5 AR-1248-1	4.777	4.763	658.8E6	337.3E6	3095.455	2929.358	
22)	L5 AR-1248-2	5.015	4.999	1004.3E6	532.8E6	3393.863	3271.362	
23)	L5 AR-1248-3	5.230	5.041	1170.7E6	511.4E6	3164.370	2907.998	
24)	L5 AR-1248-4	5.584	5.211	1973.7E6	617.2E6	3795.291	3030.089m	
25)	L5 AR-1248-5	5.625	5.604	1272.8E6	658.5E6	3445.438	3336.150	
26)	L6 AR-1254-1	5.584	5.563	1973.7E6	1025.8E6	3537.109	3402.238	
27)	L6 AR-1254-2	5.733	5.710	1096.1E6	547.5E6	2256.812	2068.333	
28)	L6 AR-1254-3	6.138	6.113	2055.9E6	1041.5E6	2624.864	2581.671	
29)	L6 AR-1254-4	6.368	6.340	966.0E6	462.8E6	1981.158	2014.637	
30)	L6 AR-1254-5	6.786	6.757	1811.4E6	837.2E6	2584.335	2519.477	
31)	L7 AR-1260-1	6.270	6.243	1138.3E6	563.5E6	2409.450	2290.826	
32)	L7 AR-1260-2	6.459	6.430	990.6E6	453.4E6	1689.239	1553.916	
33)	L7 AR-1260-3	6.825	6.583	499.8E6	444.9E6	1014.048	1642.224	#
34)	L7 AR-1260-4	7.085	7.054	415.6E6	181.8E6	979.135	905.926	
35)	L7 AR-1260-5	7.327	7.295	1197.6E6	689.7E6	1147.712	1502.996	#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 12:49
Operator : YP/AJ
Sample : Q1860-20MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

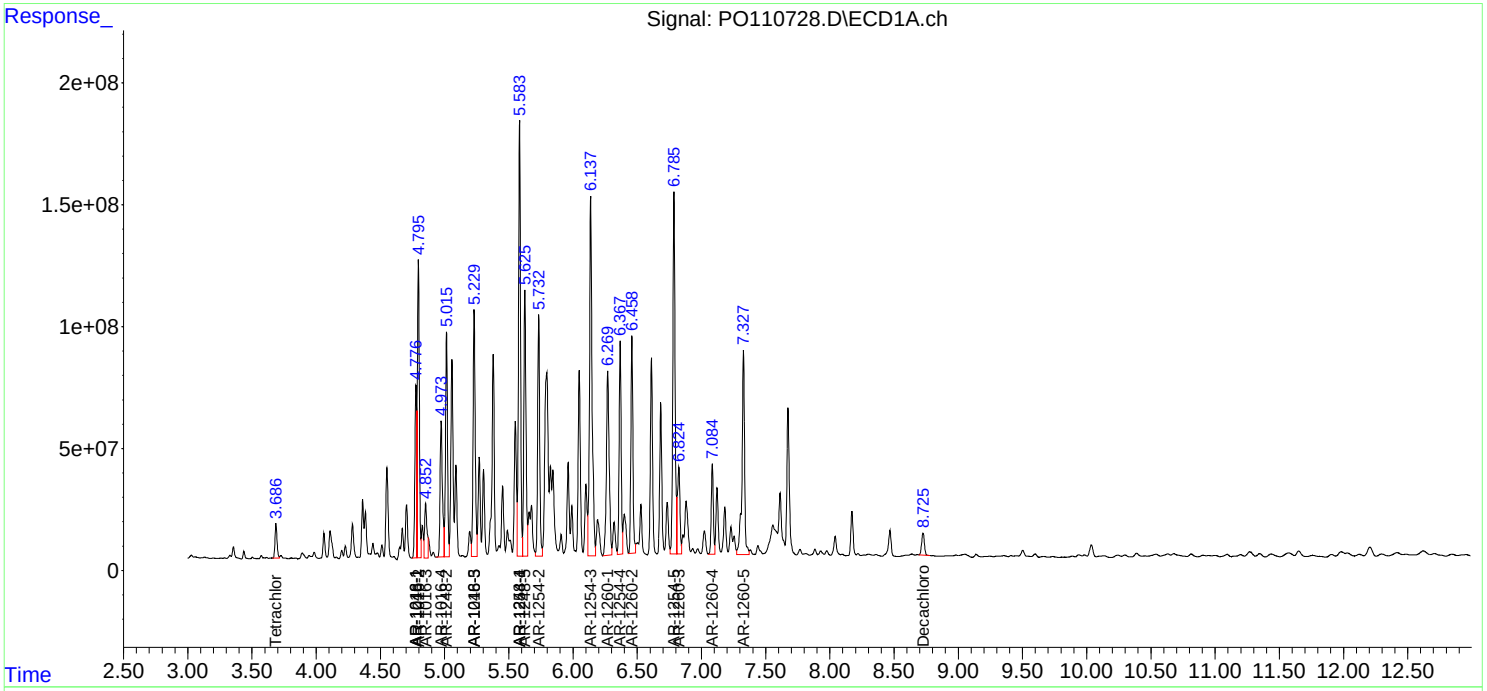
Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

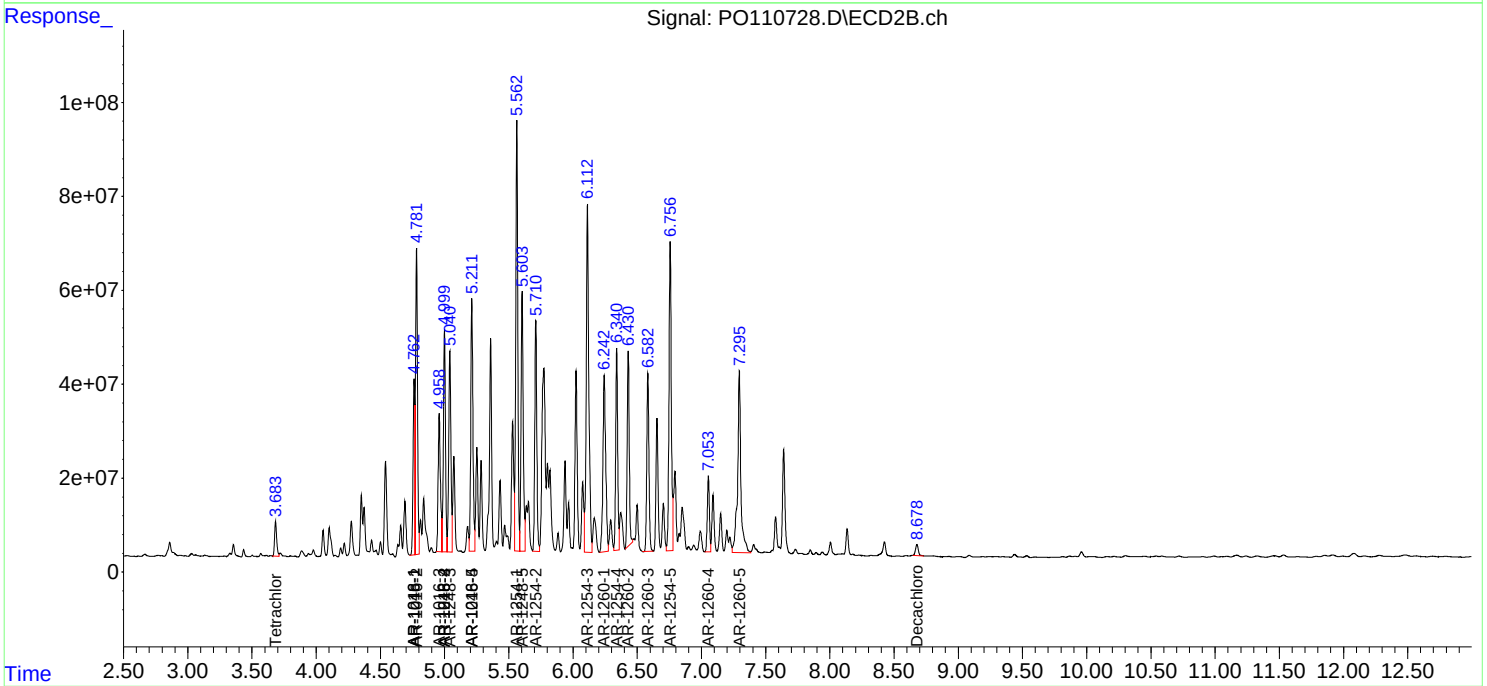
Manual Integrations APPROVED

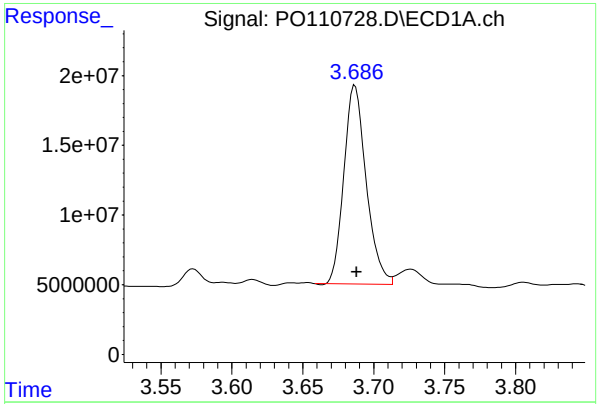
Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 06:53:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







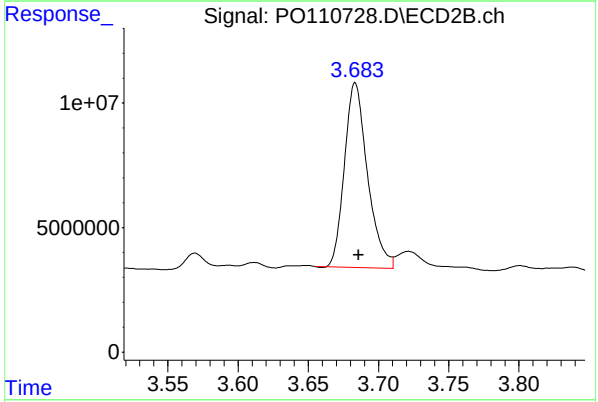
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 155885341
Conc: 17.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

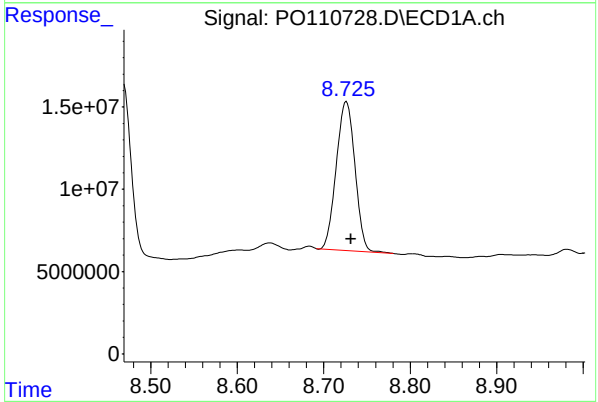
Manual Integrations
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Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



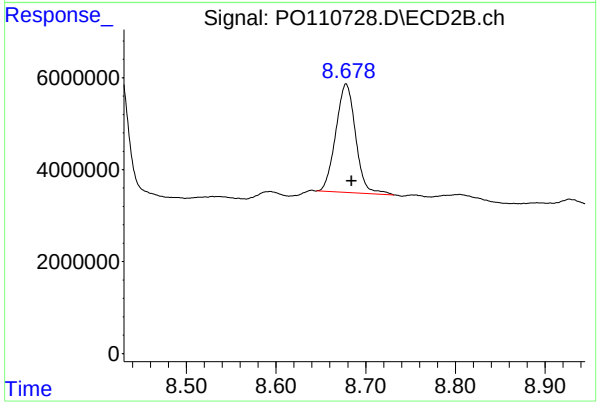
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 84648255
Conc: 16.96 ng/ml



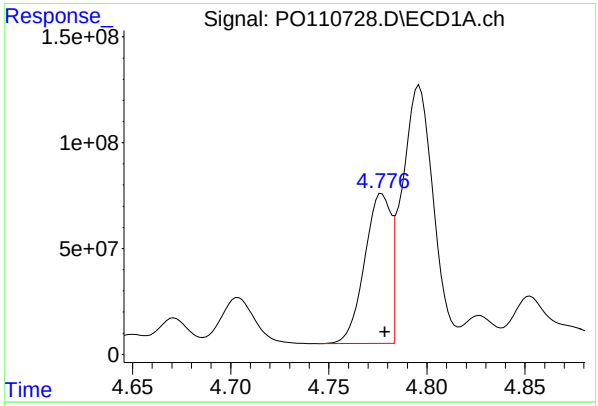
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.006 min
Response: 135094582
Conc: 17.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: -0.006 min
Response: 36223980
Conc: 18.82 ng/ml



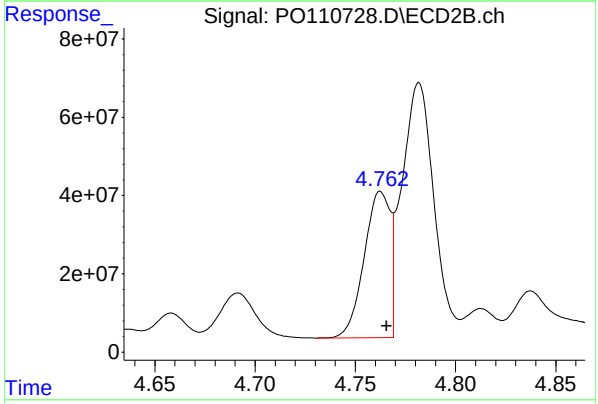
#3 AR-1016-1

R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 658825293
Conc: 2007.74 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

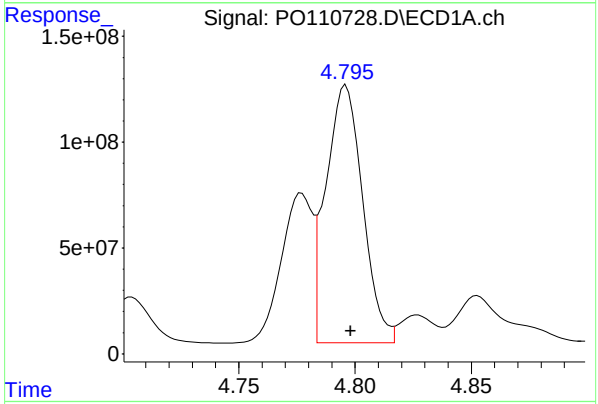
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



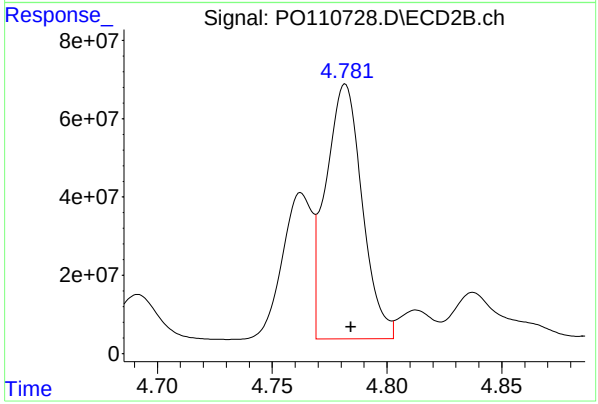
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 337262724
Conc: 1921.62 ng/ml



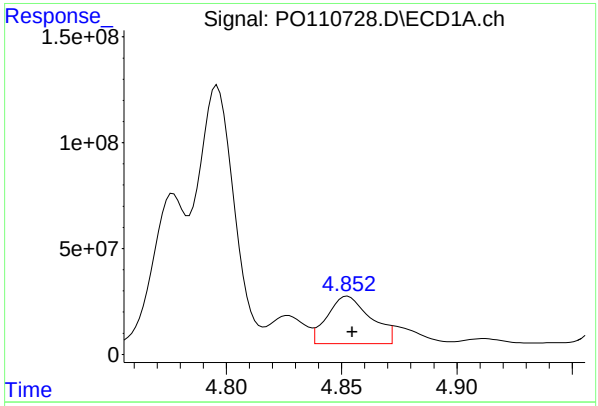
#4 AR-1016-2

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 1342154744
Conc: 2950.13 ng/ml



#4 AR-1016-2

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 721331259
Conc: 2868.52 ng/ml



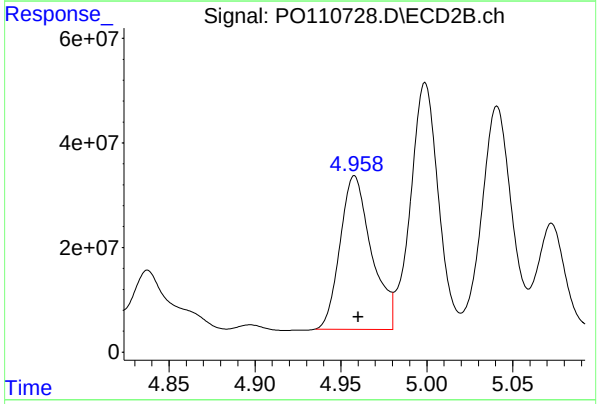
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 285806511
Conc: 886.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

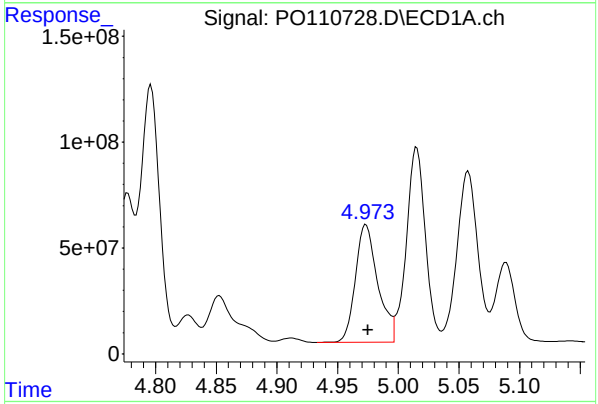
Manual Integrations
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Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



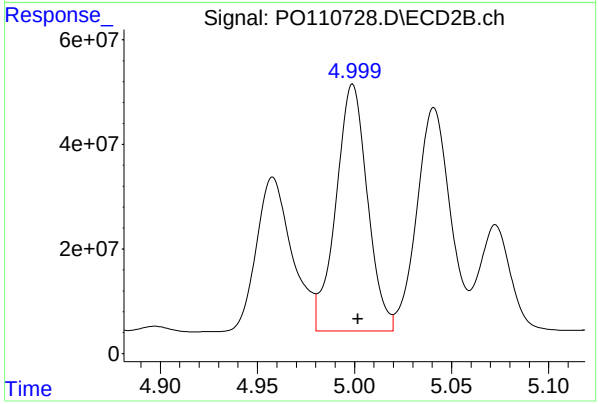
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 373654166
Conc: 2753.31 ng/ml



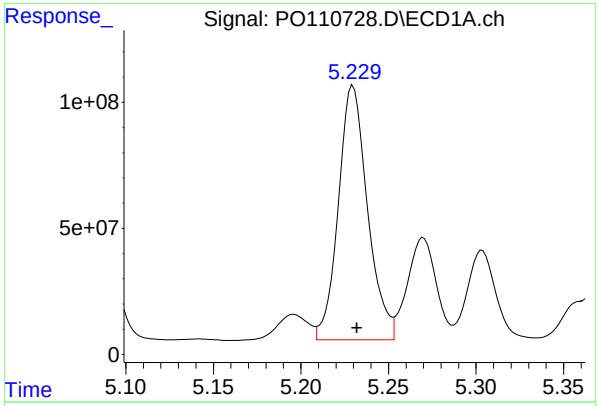
#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 713248701
Conc: 2862.56 ng/ml



#6 AR-1016-4

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 532847884
Conc: 4659.07 ng/ml



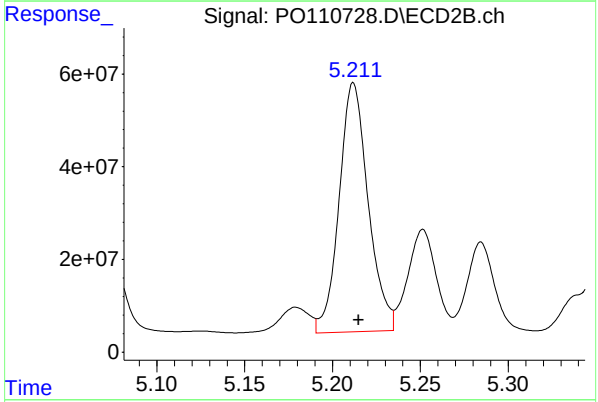
#7 AR-1016-5

R.T.: 5.230 min
Delta R.T.: -0.002 mi
Response: 1170694907
Conc: 4351.84 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

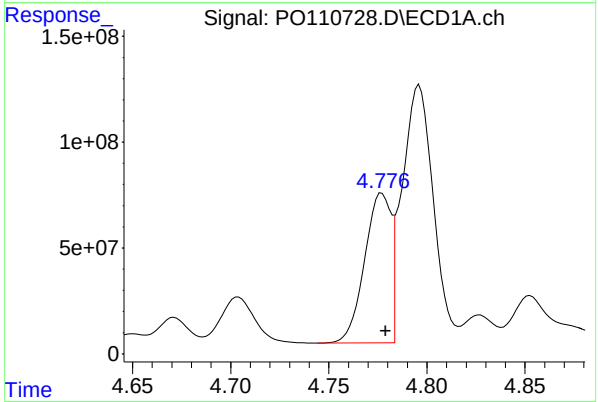
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



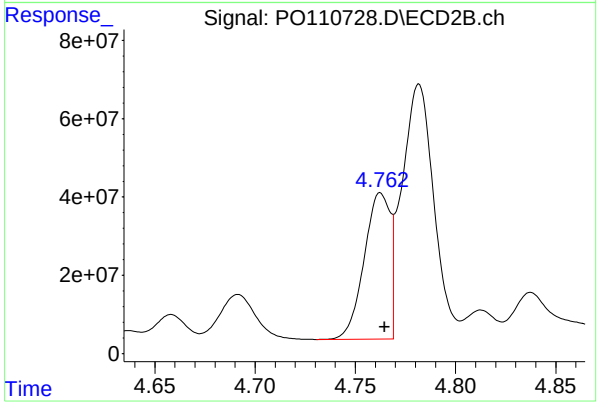
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 616216428
Conc: 4133.63 ng/ml m



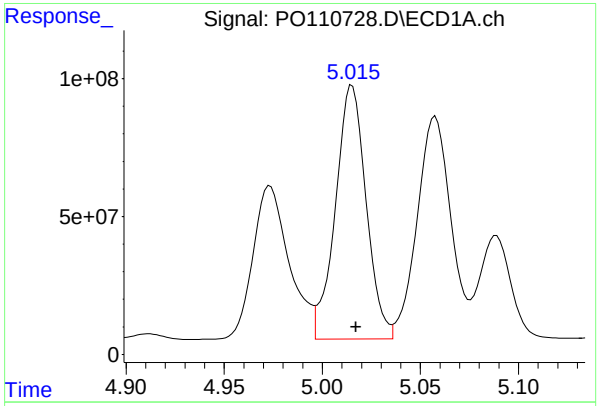
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 658825293
Conc: 3095.46 ng/ml



#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 337262724
Conc: 2929.36 ng/ml



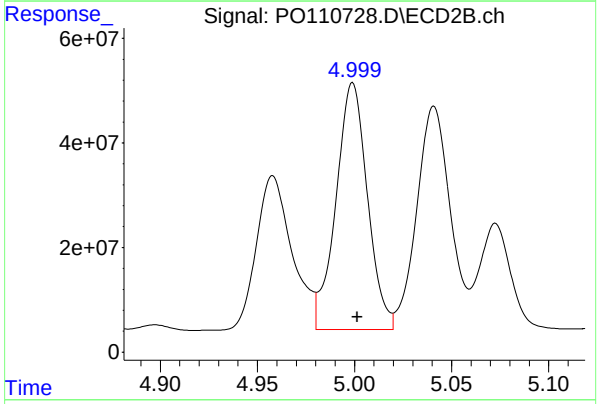
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 1004328878
Conc: 3393.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

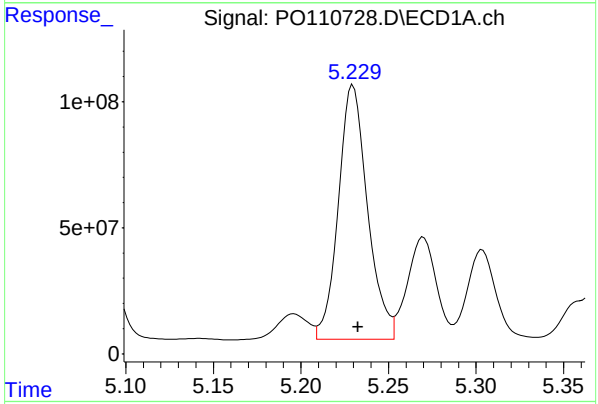
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



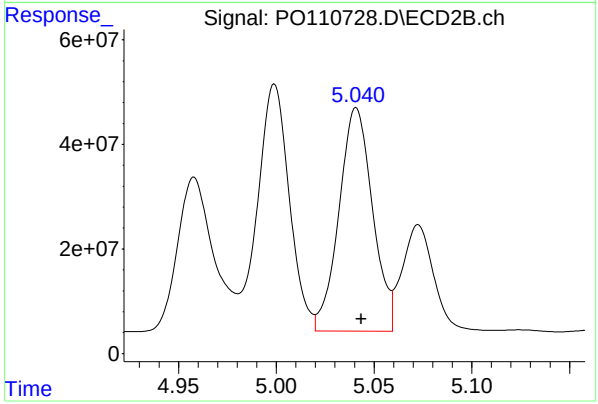
#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 532847884
Conc: 3271.36 ng/ml



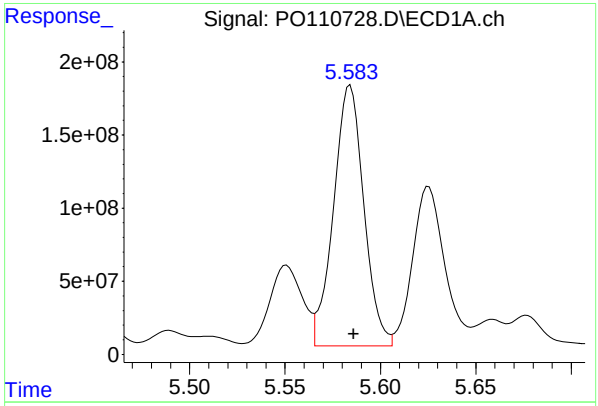
#23 AR-1248-3

R.T.: 5.230 min
Delta R.T.: -0.003 min
Response: 1170694907
Conc: 3164.37 ng/ml



#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 511389188
Conc: 2908.00 ng/ml



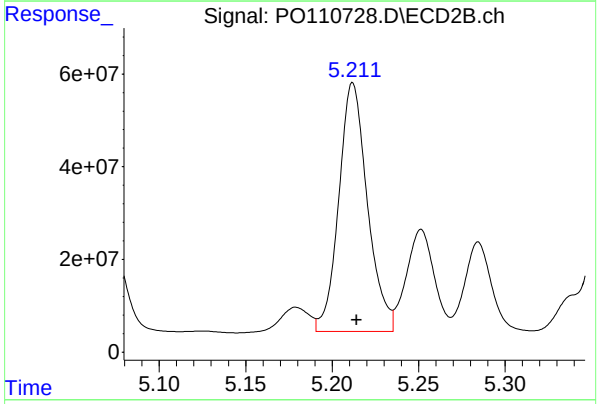
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 mi
Response: 1973668254
Conc: 3795.29 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

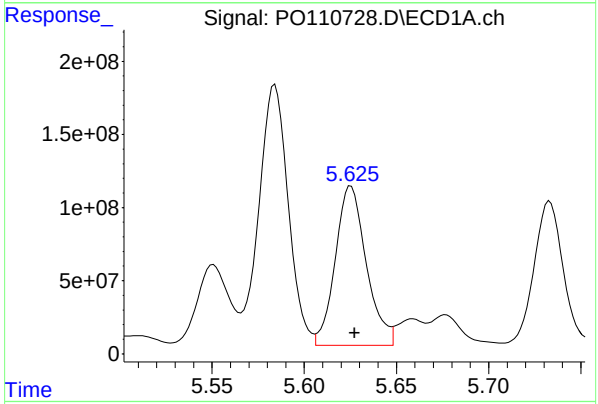
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



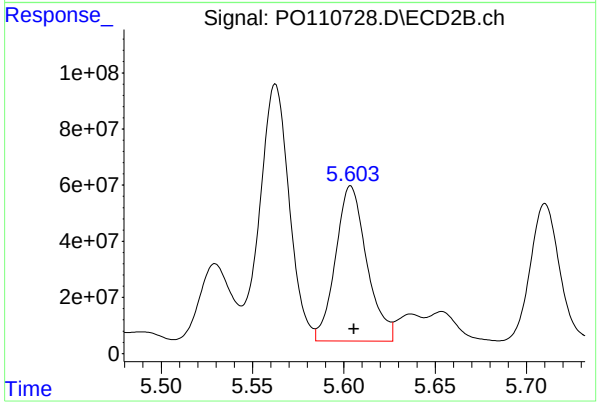
#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 617164671
Conc: 3030.09 ng/ml m



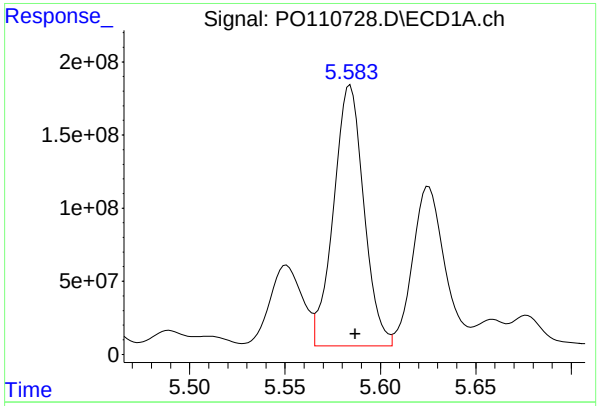
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 1272833654
Conc: 3445.44 ng/ml



#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 658541977
Conc: 3336.15 ng/ml



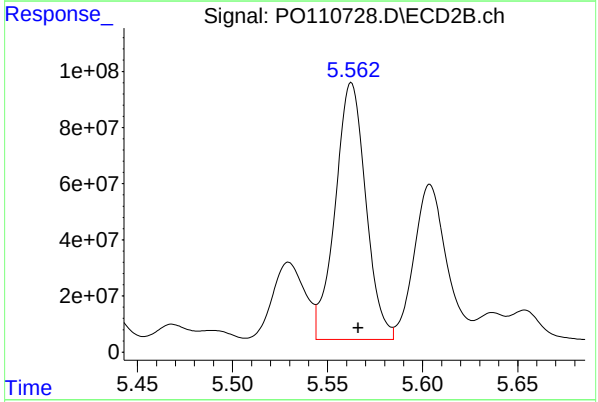
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 1973668254
Conc: 3537.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

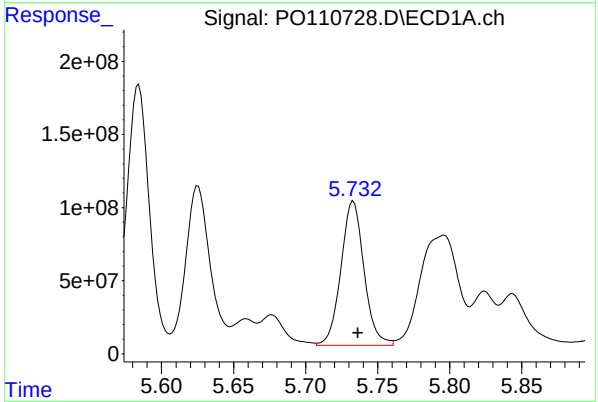
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



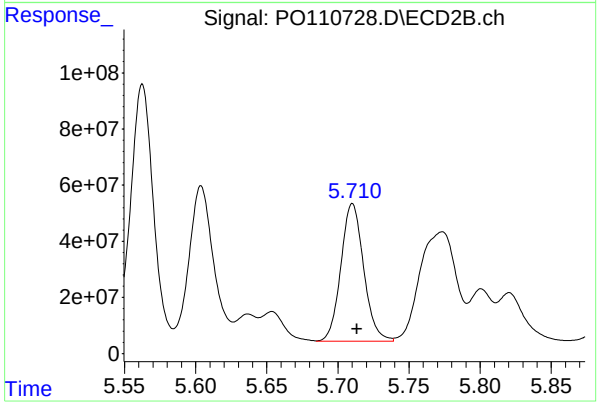
#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 1025771599
Conc: 3402.24 ng/ml



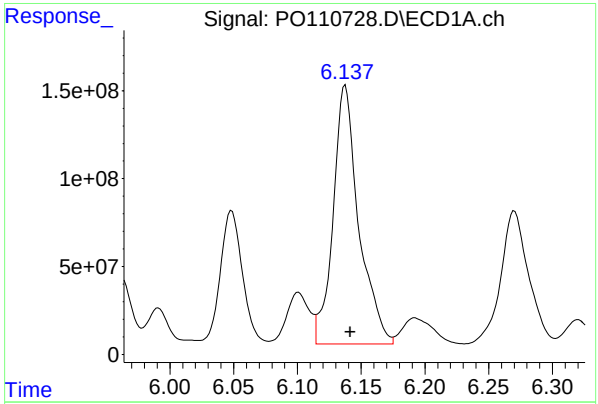
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: -0.003 min
Response: 1096139148
Conc: 2256.81 ng/ml



#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 547457289
Conc: 2068.33 ng/ml



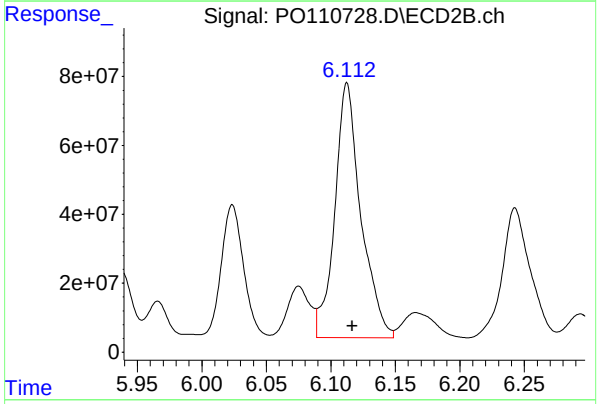
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 2055850441
Conc: 2624.86 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

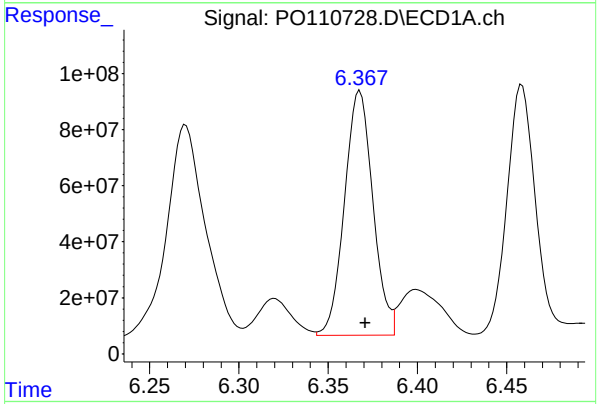
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



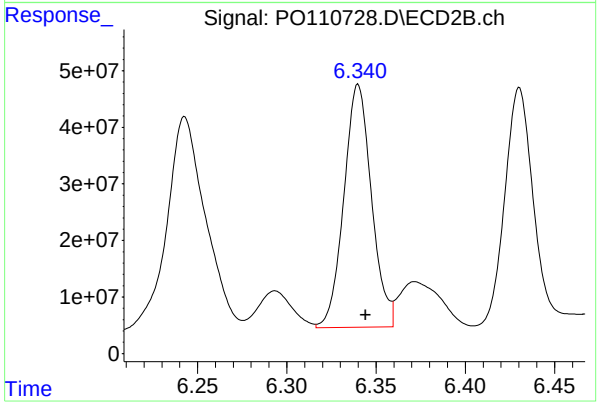
#28 AR-1254-3

R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 1041487743
Conc: 2581.67 ng/ml



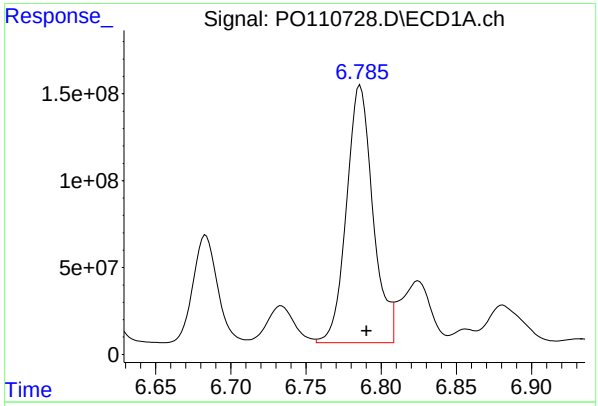
#29 AR-1254-4

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 966023238
Conc: 1981.16 ng/ml



#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 462788098
Conc: 2014.64 ng/ml



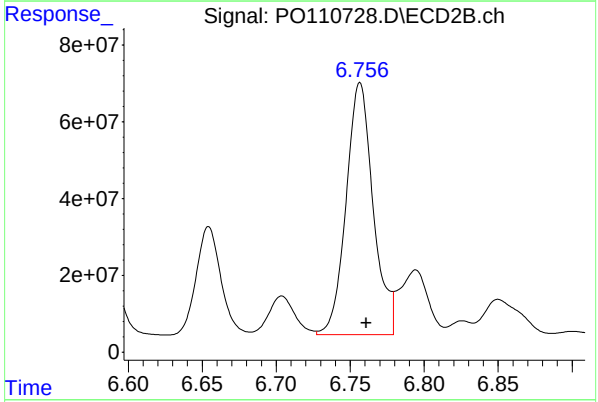
#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 1811360131
Conc: 2584.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

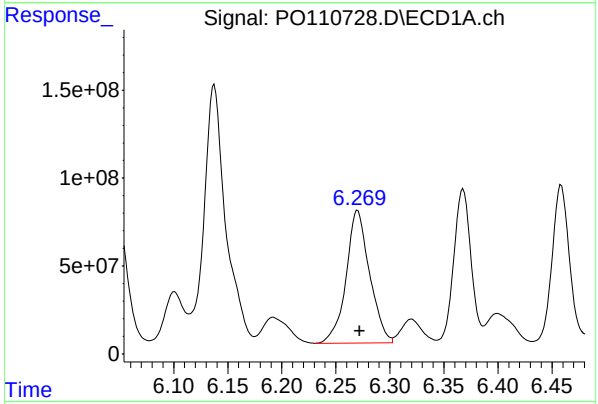
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



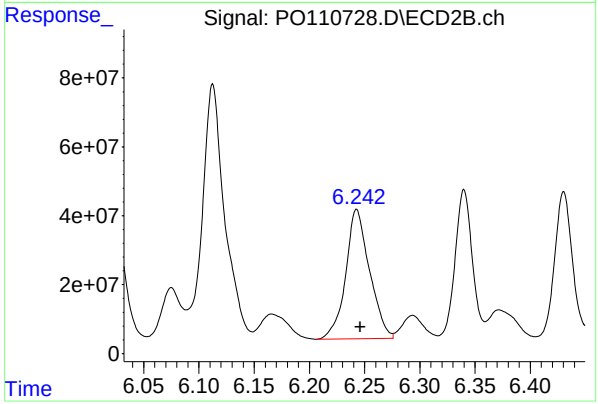
#30 AR-1254-5

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 837201233
Conc: 2519.48 ng/ml



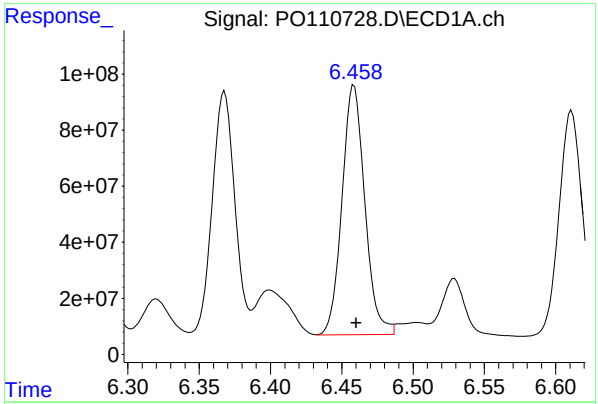
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 1138333162
Conc: 2409.45 ng/ml



#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 563459640
Conc: 2290.83 ng/ml



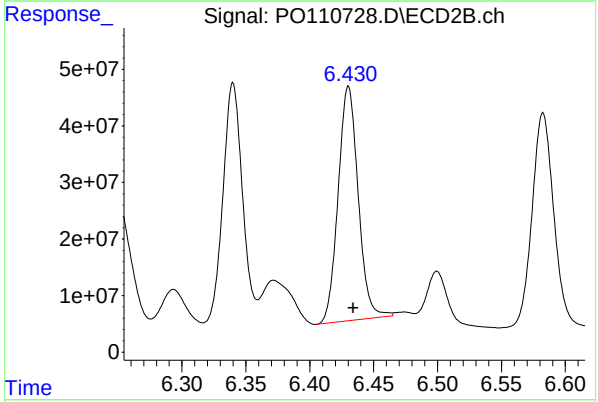
#32 AR-1260-2

R.T.: 6.459 min
Delta R.T.: -0.002 mi
Response: 990611156
Conc: 1689.24 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

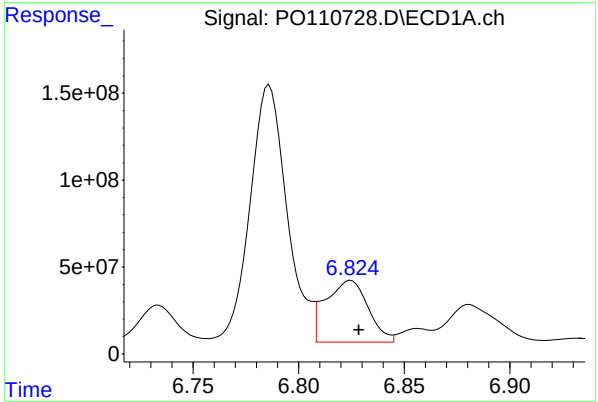
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



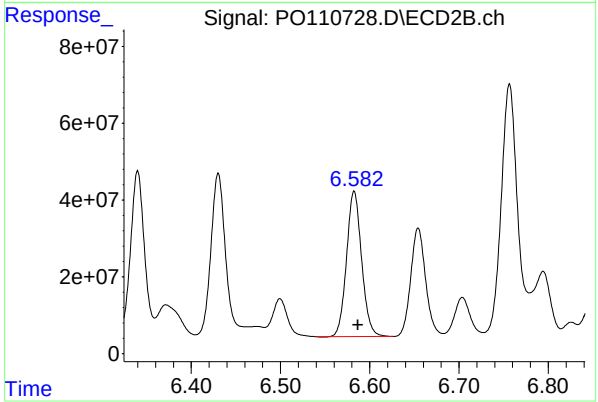
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 453356217
Conc: 1553.92 ng/ml



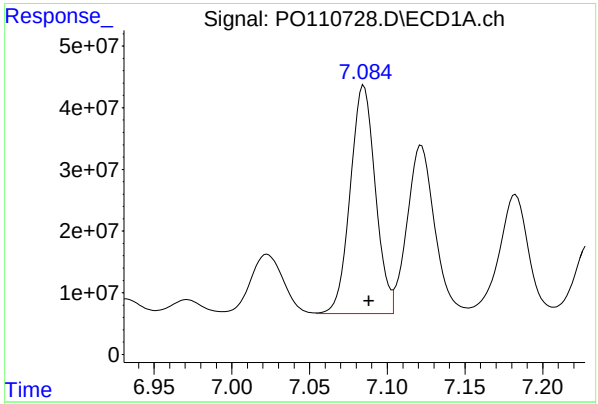
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 499796237
Conc: 1014.05 ng/ml



#33 AR-1260-3

R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 444852313
Conc: 1642.22 ng/ml



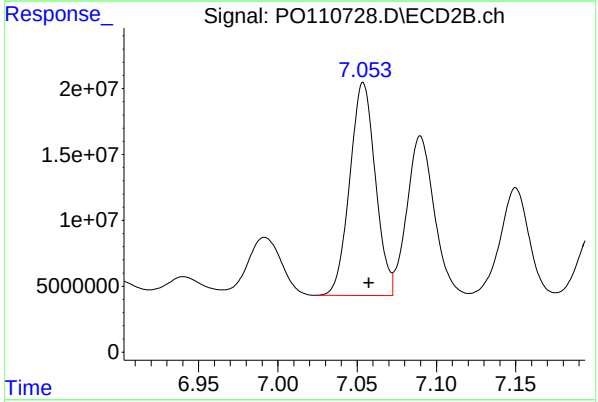
#34 AR-1260-4

R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 415567375
Conc: 979.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MS

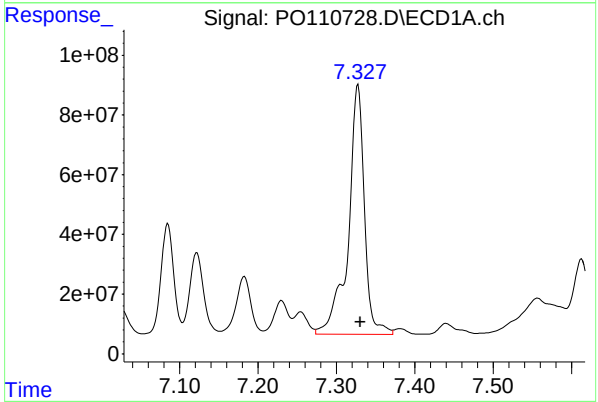
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



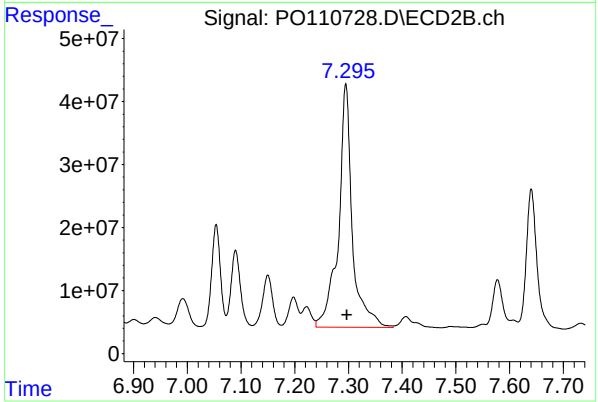
#34 AR-1260-4

R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 181764946
Conc: 905.93 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 1197604594
Conc: 1147.71 ng/ml



#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 689661199
Conc: 1503.00 ng/ml

Raw Data: **PP071432.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/16/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS001-01MSD	SDG No.:	Q1860
Lab Sample ID:	Q1860-03MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071432.D	1	04/24/25 08:32	04/24/25 14:03	PB167721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	185		4.50	19.6	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.6	ug/kg
11096-82-5	Aroclor-1260	197		3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.4		32 - 144	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.2		32 - 175	81%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP071432.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:03
Operator : YP\AJ
Sample : Q1860-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:24:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.511	3.811	32899214	24493405	16.594	17.388
2)	SA Decachlor...	10.228	8.844	22192966	14215592	15.327	16.208
	Target Compounds						
3)	L1 AR-1016-1	5.665	4.896	27785685	21422665	414.404	400.172
4)	L1 AR-1016-2	5.686	4.914	46891848	29515399	456.909	386.511
5)	L1 AR-1016-3	5.748	5.092	27603132	16316299	447.760	386.547
6)	L1 AR-1016-4	5.845	5.133	29376905	14346175	572.670	416.001 #
7)	L1 AR-1016-5	6.136	5.347	25068765	18558460	519.685m	417.539m
31)	L7 AR-1260-1	7.256	6.383	51749398	42056425	538.918m	581.699
32)	L7 AR-1260-2	7.509	6.570	85497678	44445871	597.562m	508.177
33)	L7 AR-1260-3	7.870	6.723	43456579	37634996	387.645	480.114
34)	L7 AR-1260-4	8.093	7.194	66498299	24792962	589.185	392.849 #
35)	L7 AR-1260-5	8.413	7.436	103.0E6	62866677	454.552	416.950

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PP071432.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042425\
Data File : PP071432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:03
Operator : YP\AJ
Sample : Q1860-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

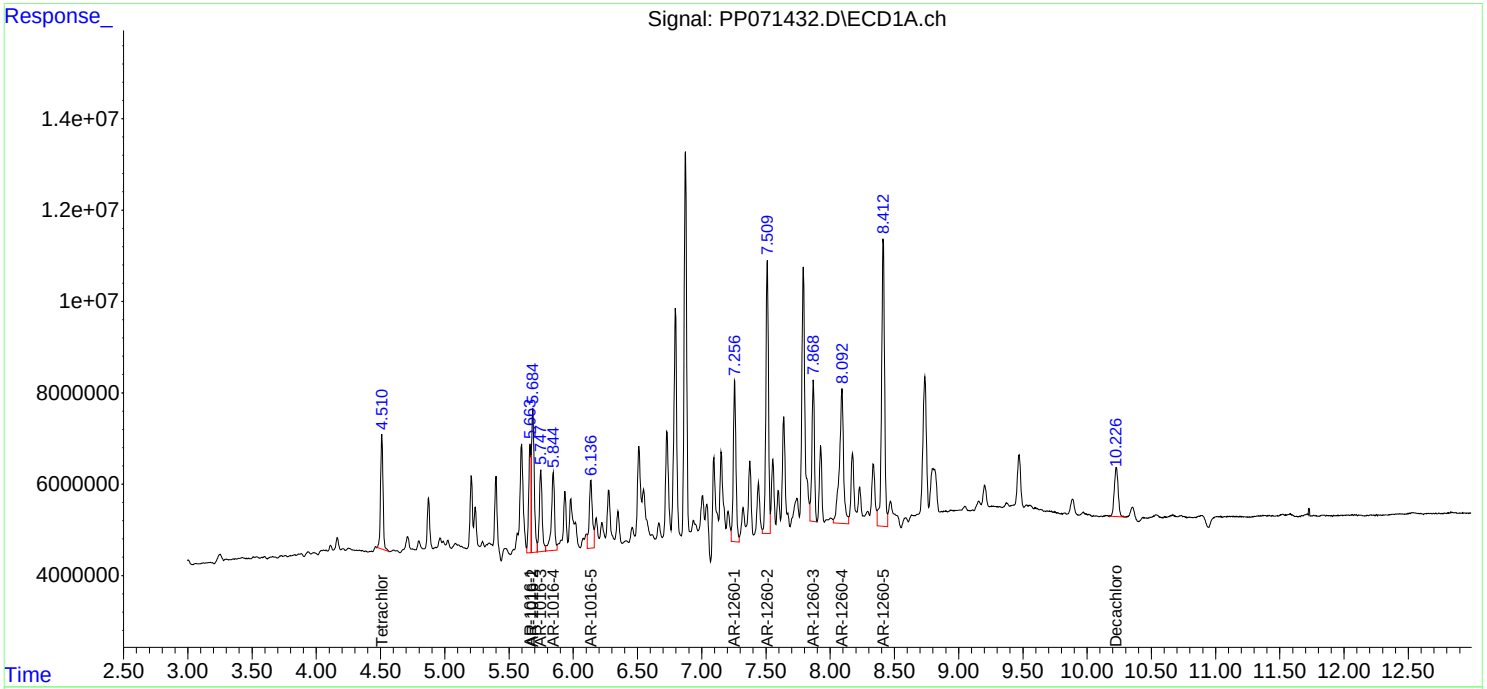
Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MSD

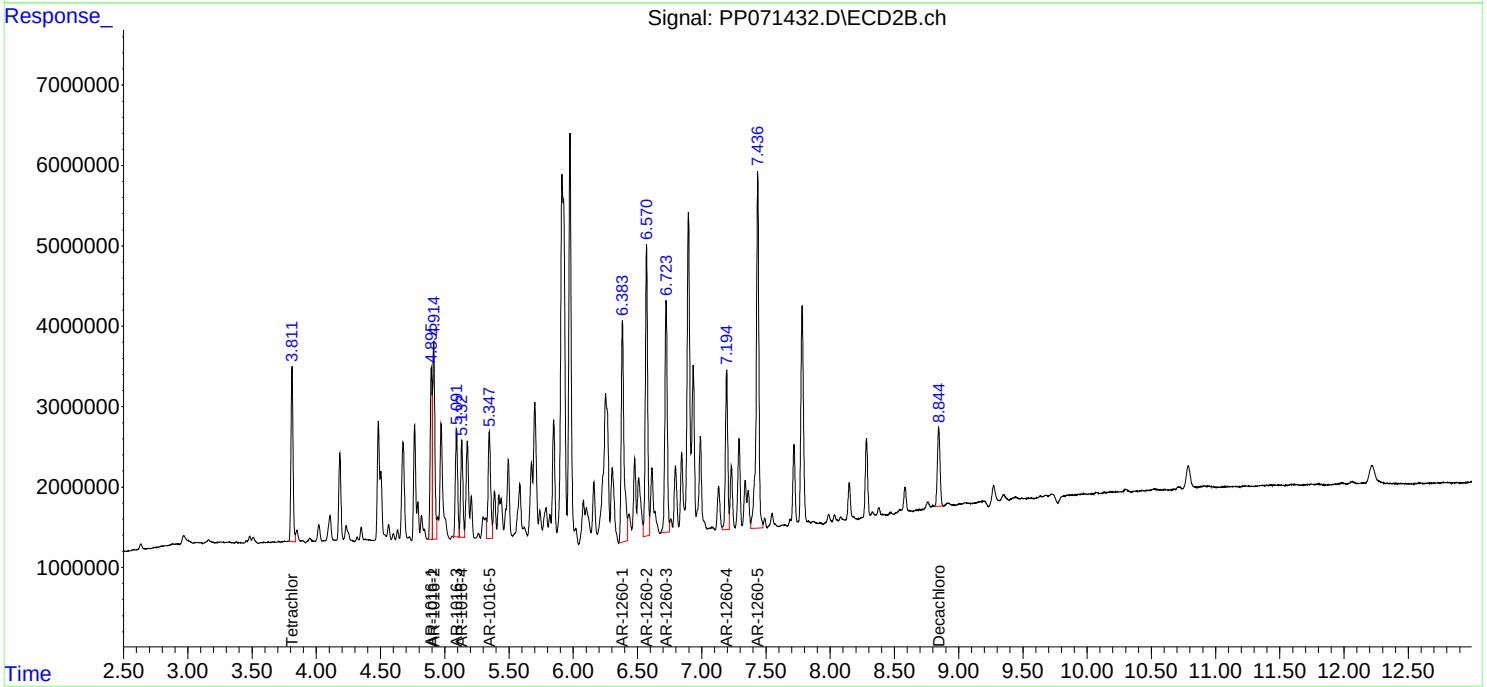
Manual Integrations APPROVED

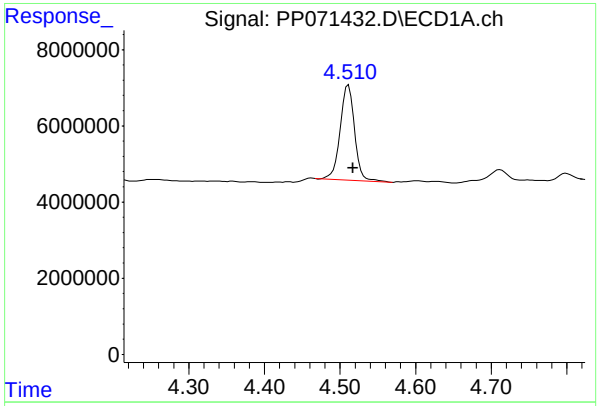
Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:24:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







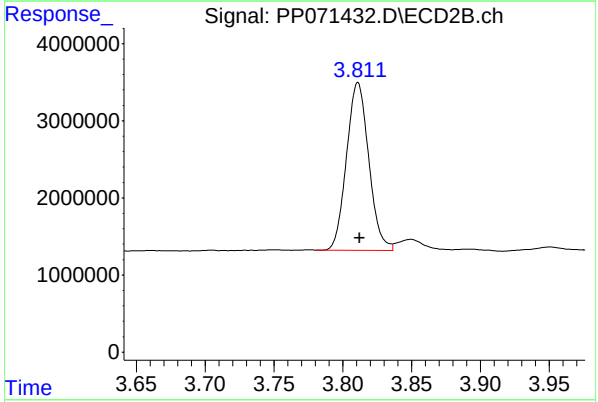
#1 Tetrachloro-m-xylene

R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 32899214
Conc: 16.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MSD

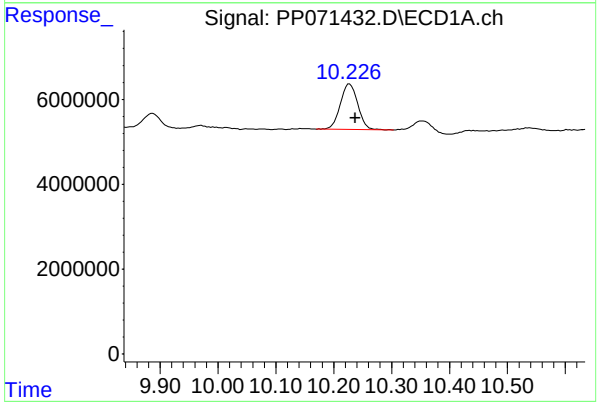
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



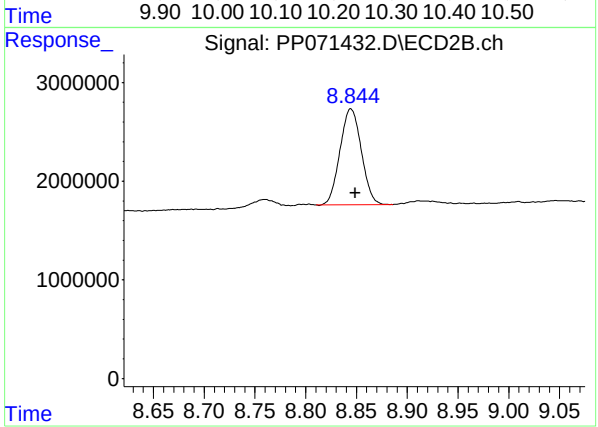
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: -0.001 min
Response: 24493405
Conc: 17.39 ng/ml



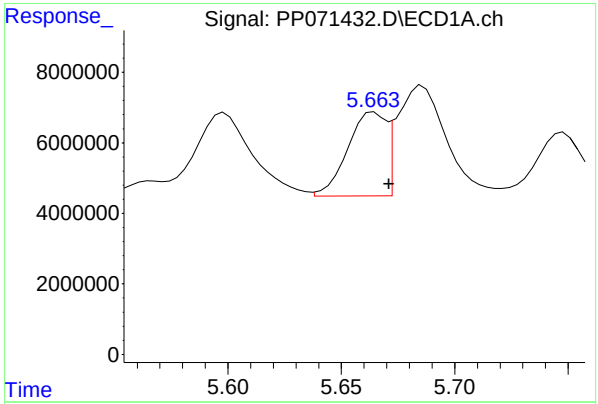
#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: -0.010 min
Response: 22192966
Conc: 15.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.844 min
Delta R.T.: -0.005 min
Response: 14215592
Conc: 16.21 ng/ml



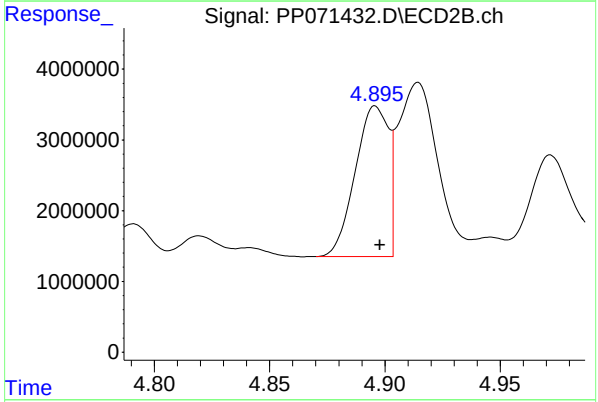
#3 AR-1016-1

R.T.: 5.665 min
Delta R.T.: -0.007 min
Response: 27785685
Conc: 414.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MSD

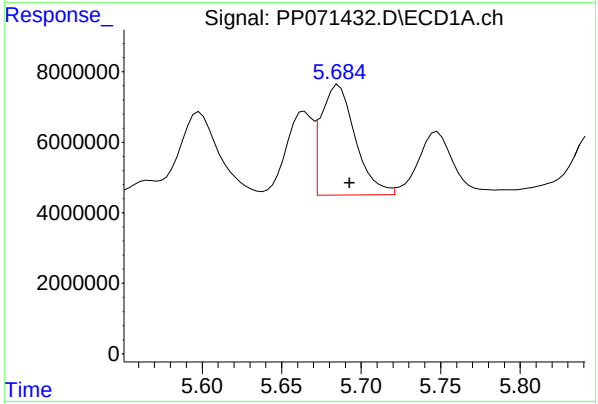
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



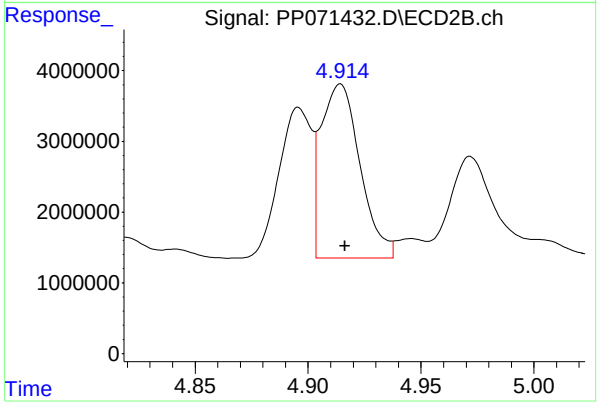
#3 AR-1016-1

R.T.: 4.896 min
Delta R.T.: -0.002 min
Response: 21422665
Conc: 400.17 ng/ml



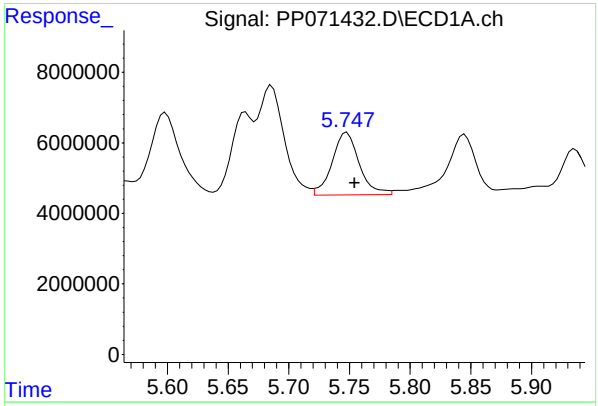
#4 AR-1016-2

R.T.: 5.686 min
Delta R.T.: -0.007 min
Response: 46891848
Conc: 456.91 ng/ml



#4 AR-1016-2

R.T.: 4.914 min
Delta R.T.: -0.002 min
Response: 29515399
Conc: 386.51 ng/ml



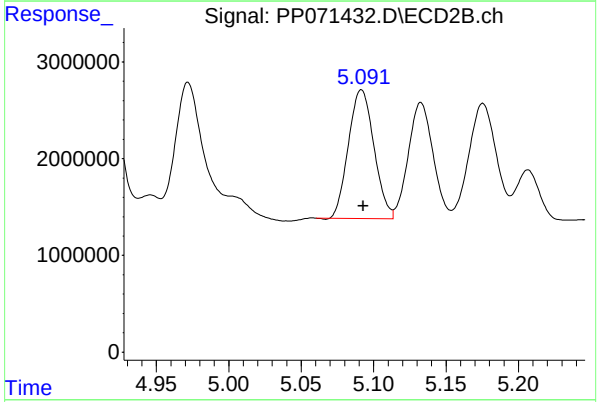
#5 AR-1016-3

R.T.: 5.748 min
Delta R.T.: -0.007 min
Response: 27603132
Conc: 447.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MSD

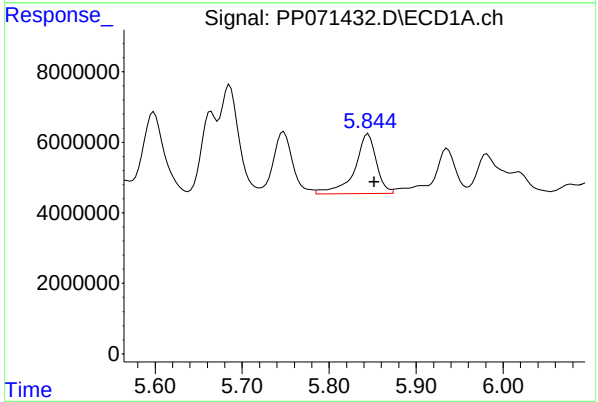
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



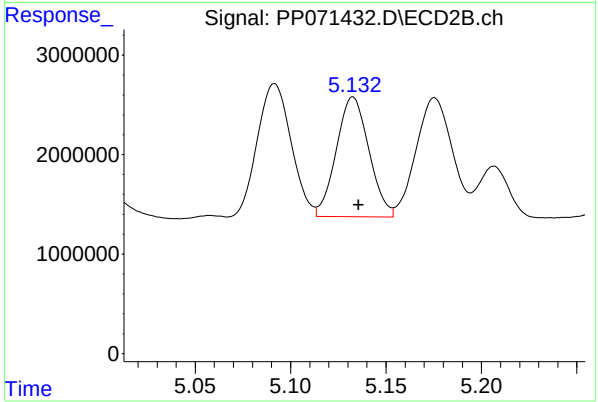
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 16316299
Conc: 386.55 ng/ml



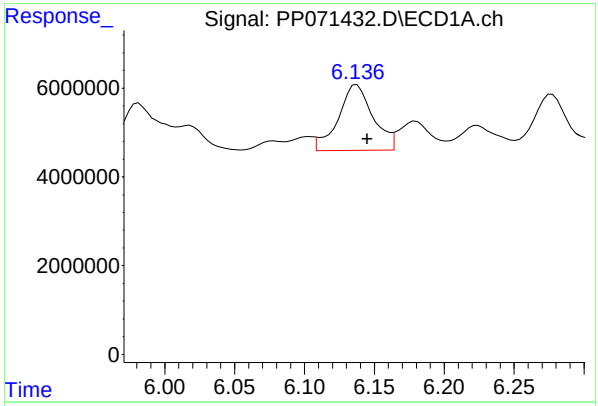
#6 AR-1016-4

R.T.: 5.845 min
Delta R.T.: -0.007 min
Response: 29376905
Conc: 572.67 ng/ml



#6 AR-1016-4

R.T.: 5.133 min
Delta R.T.: -0.003 min
Response: 14346175
Conc: 416.00 ng/ml



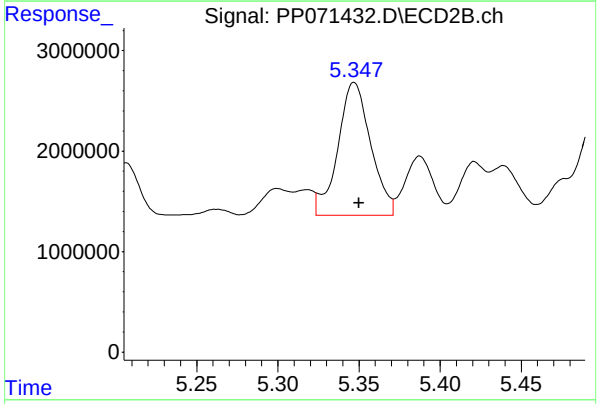
#7 AR-1016-5

R.T.: 6.136 min
Delta R.T.: -0.009 min
Response: 25068765
Conc: 519.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MSD

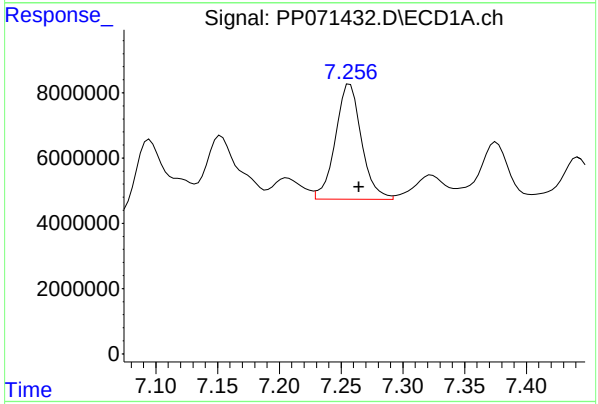
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



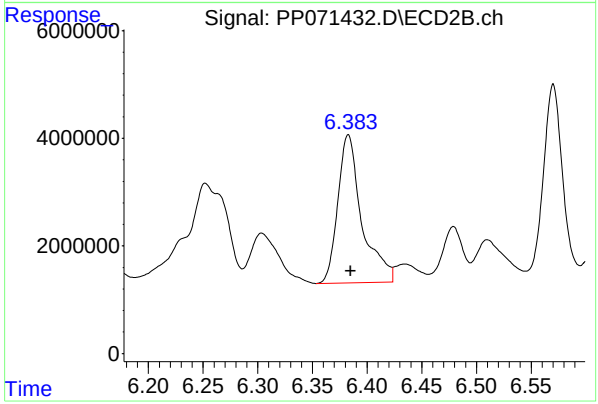
#7 AR-1016-5

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 18558460
Conc: 417.54 ng/ml m



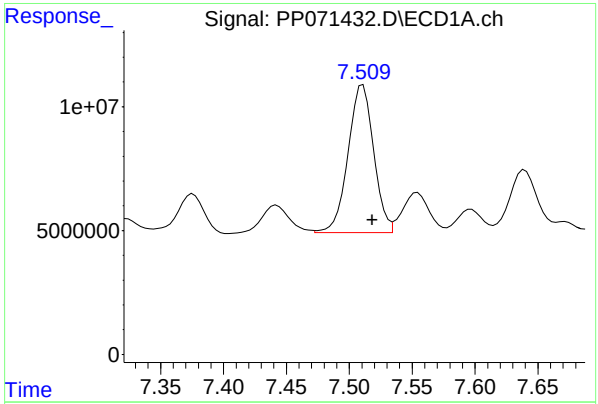
#31 AR-1260-1

R.T.: 7.256 min
Delta R.T.: -0.009 min
Response: 51749398
Conc: 538.92 ng/ml m



#31 AR-1260-1

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 42056425
Conc: 581.70 ng/ml



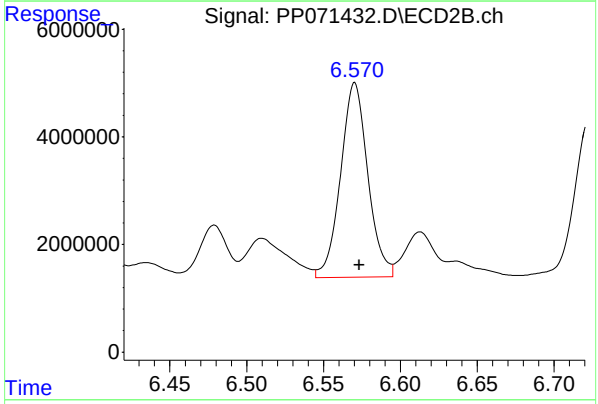
#32 AR-1260-2

R.T.: 7.509 min
Delta R.T.: -0.009 min
Response: 85497678
Conc: 597.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MSD

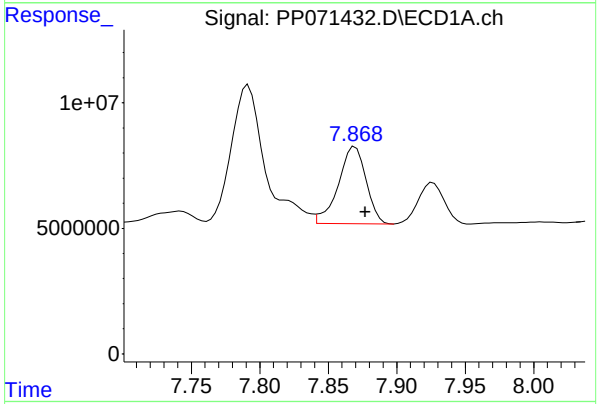
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



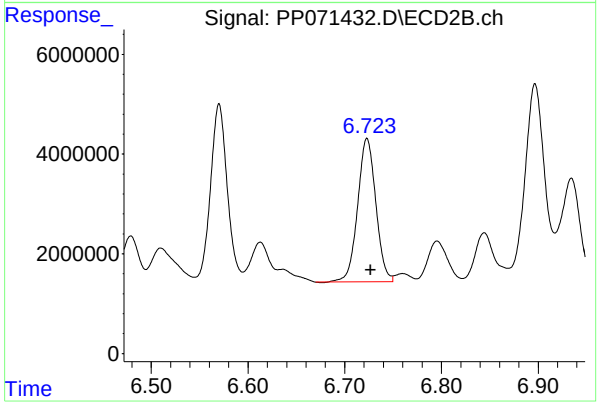
#32 AR-1260-2

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 44445871
Conc: 508.18 ng/ml



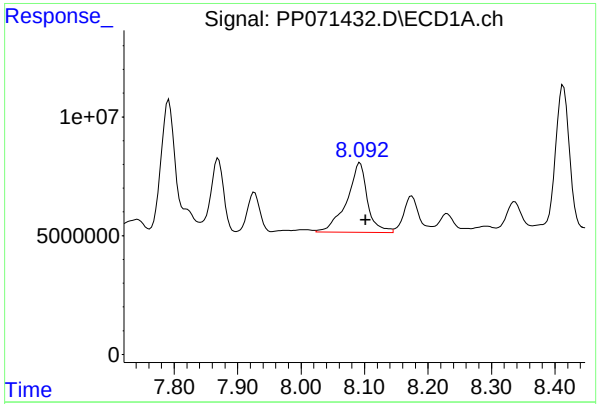
#33 AR-1260-3

R.T.: 7.870 min
Delta R.T.: -0.008 min
Response: 43456579
Conc: 387.64 ng/ml



#33 AR-1260-3

R.T.: 6.723 min
Delta R.T.: -0.004 min
Response: 37634996
Conc: 480.11 ng/ml



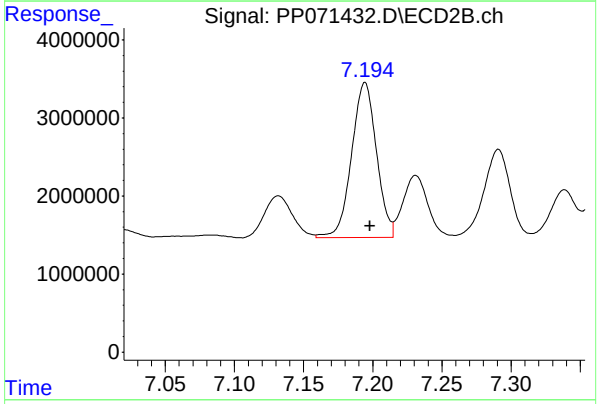
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.009 min
Response: 66498299
Conc: 589.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-SS001-01MSD

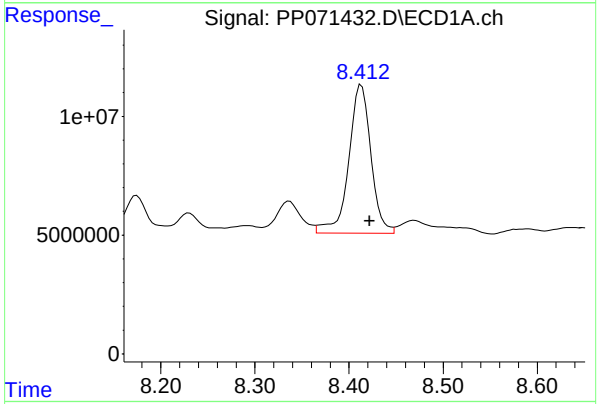
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



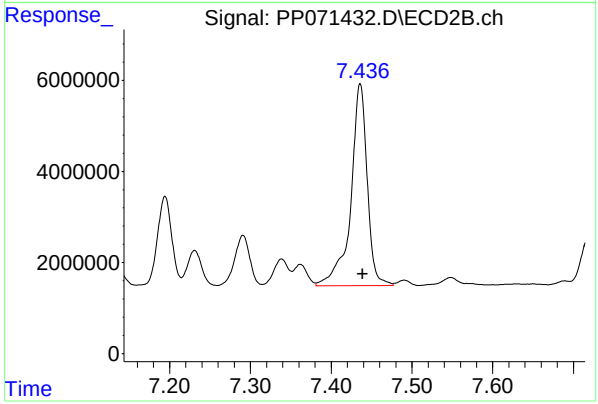
#34 AR-1260-4

R.T.: 7.194 min
Delta R.T.: -0.003 min
Response: 24792962
Conc: 392.85 ng/ml



#35 AR-1260-5

R.T.: 8.413 min
Delta R.T.: -0.009 min
Response: 102989236
Conc: 454.55 ng/ml



#35 AR-1260-5

R.T.: 7.436 min
Delta R.T.: -0.003 min
Response: 62866677
Conc: 416.95 ng/ml

Raw Data: **PO110729.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	04/17/25
Project:	RFP 911	Date Received:	04/23/25
Client Sample ID:	P001-SS016-01MSD	SDG No.:	Q1860
Lab Sample ID:	Q1860-21MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.1 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO110729.D	1	04/25/25 08:20	04/25/25 13:08	PB167737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	1400	E	4.80	20.5	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.5	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.5	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.5	ug/kg
12672-29-6	Aroclor-1248	1400	E	7.10	20.5	ug/kg
11097-69-1	Aroclor-1254	1100	E	3.90	20.5	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.5	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.5	ug/kg
11096-82-5	Aroclor-1260	643	E	3.90	20.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.2		32 - 144	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		32 - 175	77%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110729.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 13:08
Operator : YP/AJ
Sample : Q1860-21MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 06:49:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.686	3.682	141.3E6	77750255	16.156	15.582	
2)	SA Decachlor...	8.725	8.677	112.4E6	29606516	14.234	15.380	
	Target Compounds							
3)	L1 AR-1016-1	4.775	4.762	651.1E6	341.2E6	1984.183	1943.870	
4)	L1 AR-1016-2	4.795	4.781	1399.8E6	754.3E6	3076.764	2999.736	
5)	L1 AR-1016-3	4.850	4.958	248.6E6	389.2E6	770.805m	2867.719	#
6)	L1 AR-1016-4	4.972	4.998	741.9E6	582.5E6	2977.459	5093.540	#
7)	L1 AR-1016-5	5.229	5.211	1257.1E6	668.5E6	4673.217	4484.110m	
21)	L5 AR-1248-1	4.775	4.762	651.1E6	341.2E6	3059.143	2963.275	
22)	L5 AR-1248-2	5.014	4.998	1090.1E6	582.5E6	3683.659	3576.424	
23)	L5 AR-1248-3	5.229	5.040	1257.1E6	535.1E6	3398.057	3043.009	
24)	L5 AR-1248-4	5.583	5.211	2210.8E6	677.3E6	4251.324	3325.123m	
25)	L5 AR-1248-5	5.624	5.603	1311.2E6	678.4E6	3549.191	3436.521	
26)	L6 AR-1254-1	5.583	5.562	2210.8E6	1161.7E6	3962.119	3852.965	
27)	L6 AR-1254-2	5.732	5.710	1240.4E6	619.1E6	2553.923	2339.192	
28)	L6 AR-1254-3	6.136	6.112	2227.5E6	1132.0E6	2844.036	2806.007	
29)	L6 AR-1254-4	6.366	6.339	1057.4E6	507.3E6	2168.650	2208.441	
30)	L6 AR-1254-5	6.785	6.756	1914.7E6	896.0E6	2731.767	2696.400	
31)	L7 AR-1260-1	6.269	6.243	1195.1E6	595.9E6	2529.590	2422.701	
32)	L7 AR-1260-2	6.457	6.430	1022.5E6	463.0E6	1743.585	1586.837	
33)	L7 AR-1260-3	6.823	6.582	476.8E6	452.1E6	967.448	1668.940	#
34)	L7 AR-1260-4	7.084	7.053	394.9E6	173.8E6	930.493	866.173	
35)	L7 AR-1260-5	7.327	7.294	983.2E6	673.2E6	942.192	1467.208	#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO042525\
Data File : PO110729.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 13:08
Operator : YP/AJ
Sample : Q1860-21MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

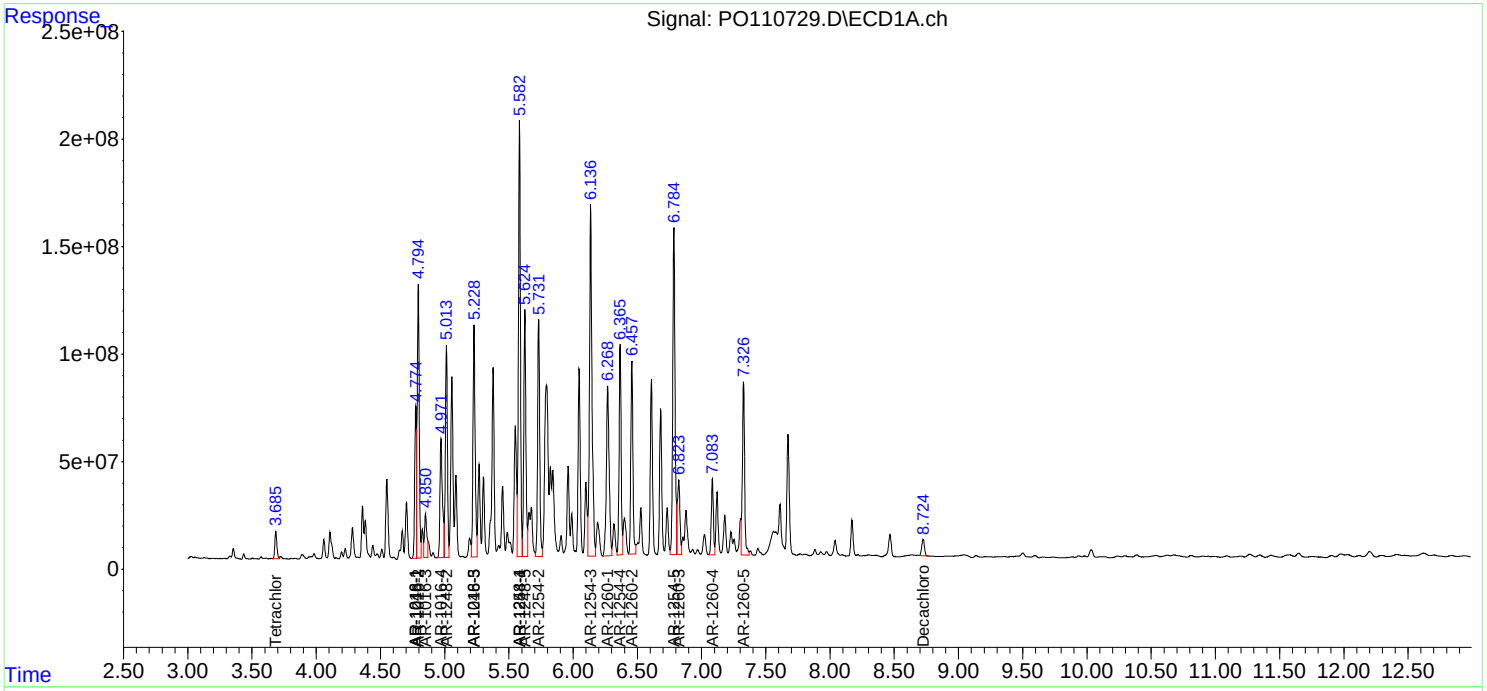
Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

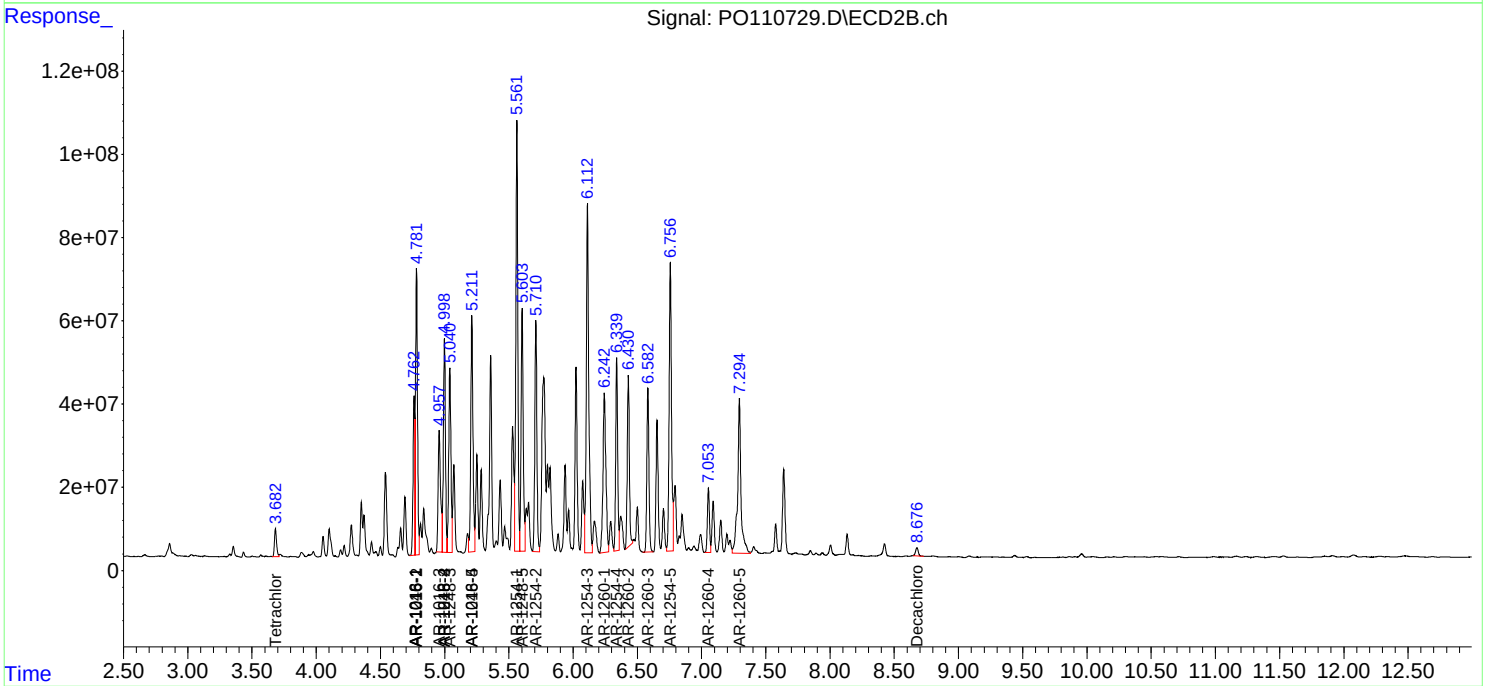
Manual Integrations APPROVED

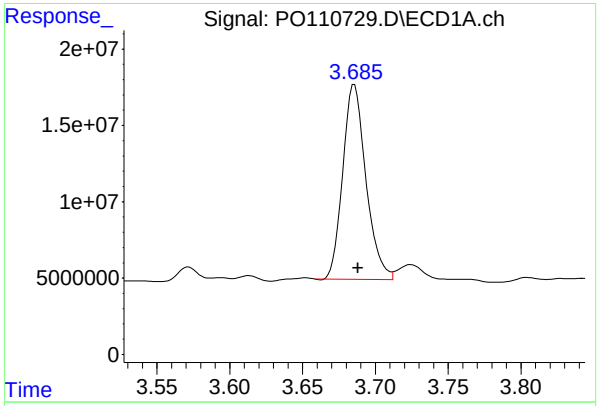
Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 28 06:49:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







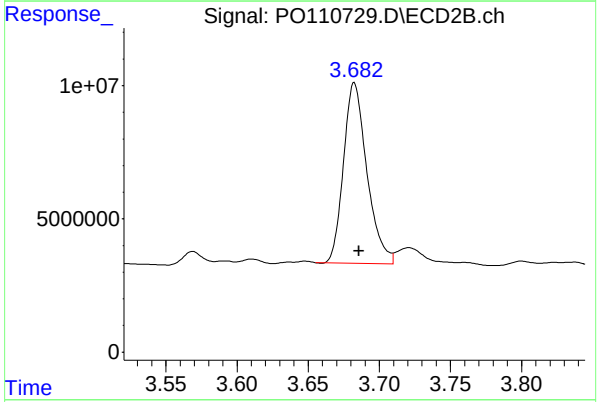
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 141348061
Conc: 16.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

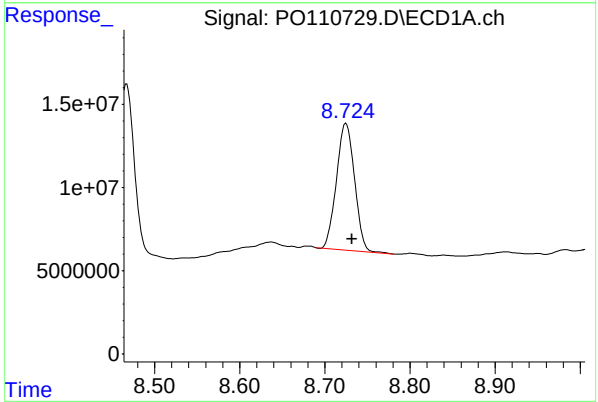
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



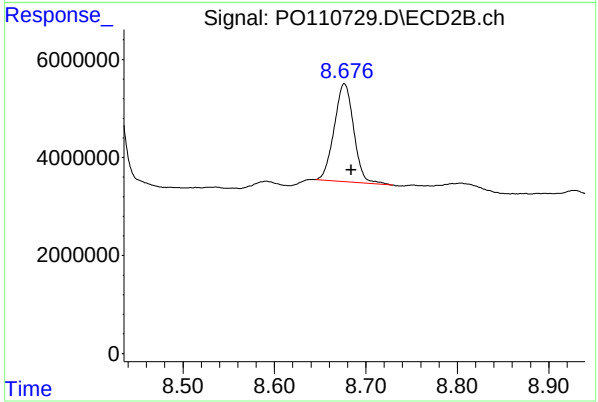
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.003 min
Response: 77750255
Conc: 15.58 ng/ml



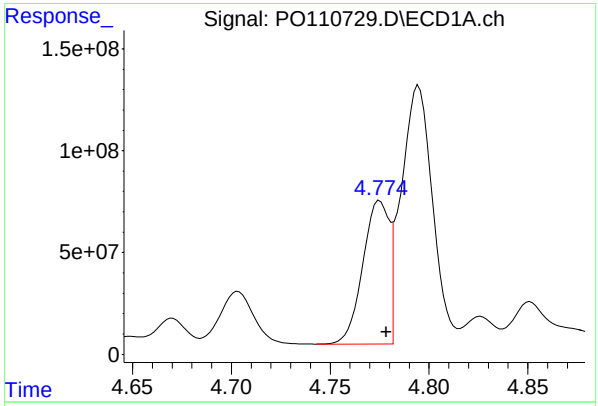
#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.007 min
Response: 112378757
Conc: 14.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: -0.008 min
Response: 29606516
Conc: 15.38 ng/ml



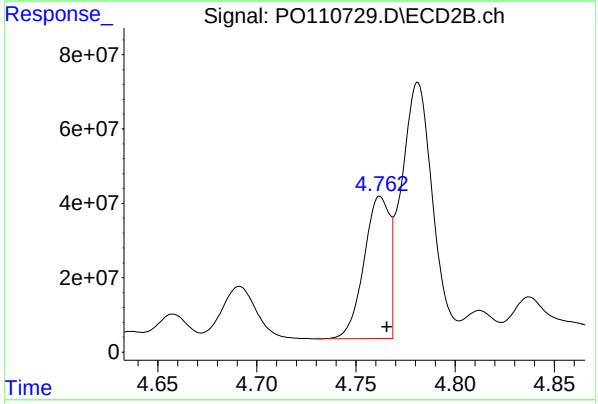
#3 AR-1016-1

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 651096696
Conc: 1984.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

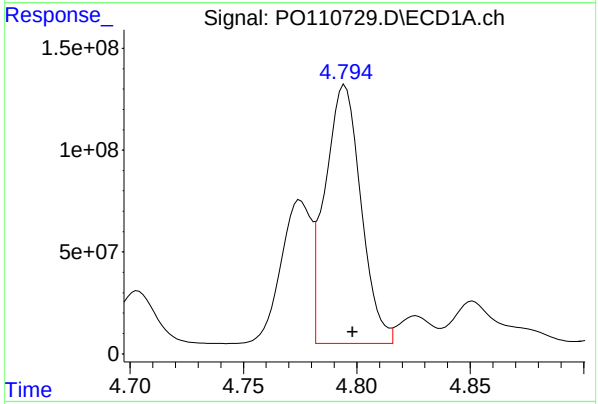
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



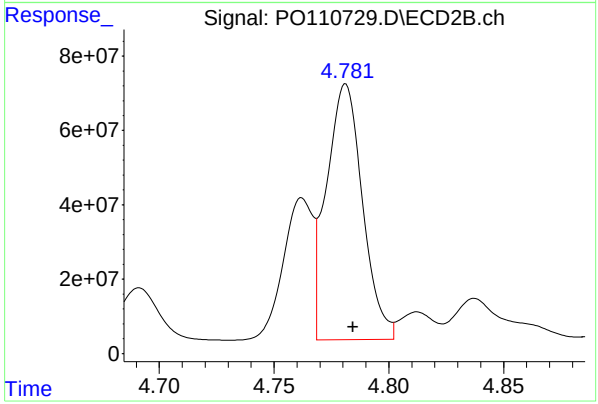
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 341167707
Conc: 1943.87 ng/ml



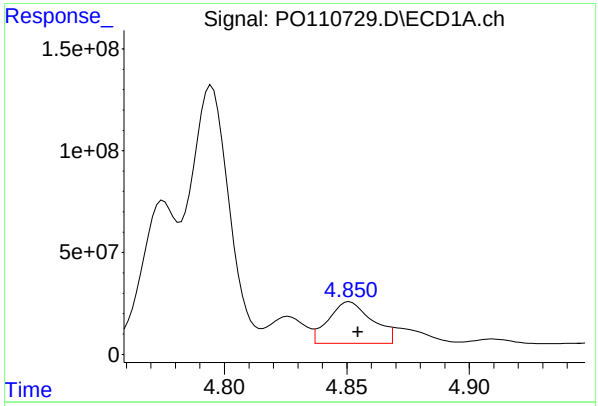
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 1399768641
Conc: 3076.76 ng/ml



#4 AR-1016-2

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 754328495
Conc: 2999.74 ng/ml



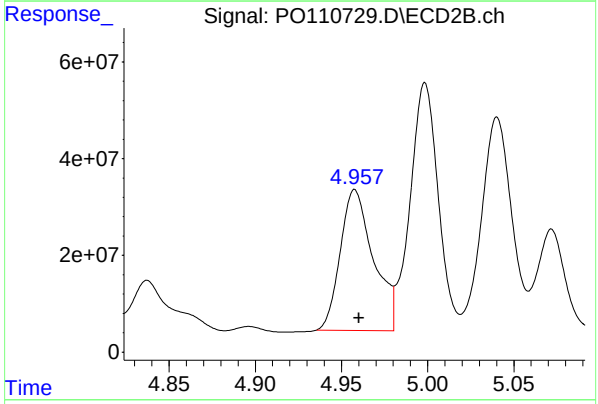
#5 AR-1016-3

R.T.: 4.850 min
Delta R.T.: -0.004 min
Response: 248605900
Conc: 770.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

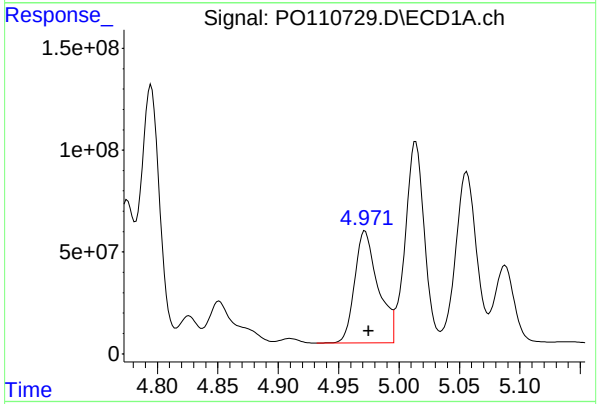
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



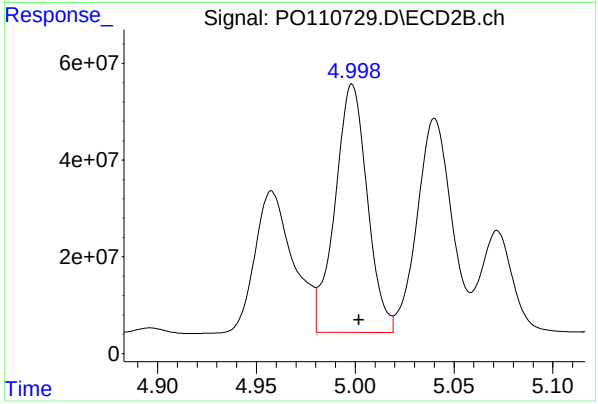
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 389180807
Conc: 2867.72 ng/ml



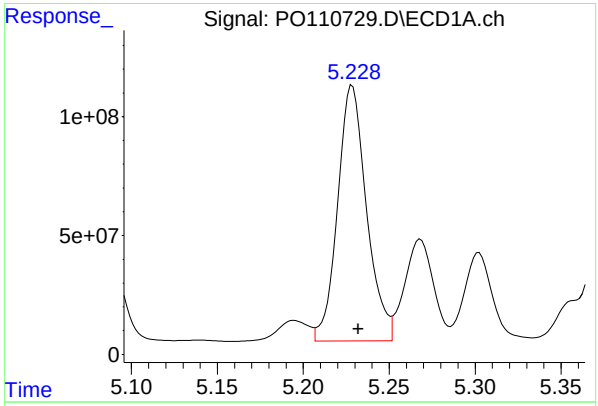
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 741876957
Conc: 2977.46 ng/ml



#6 AR-1016-4

R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 582537254
Conc: 5093.54 ng/ml



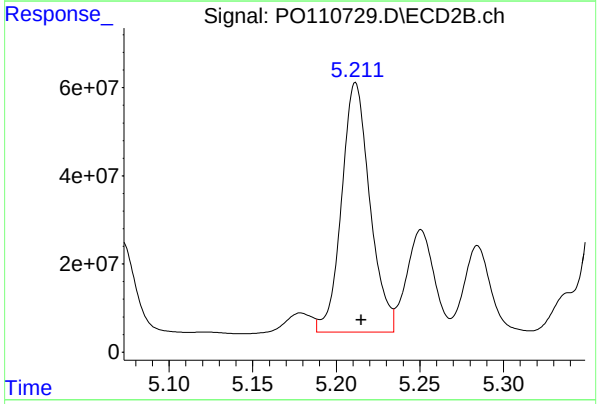
#7 AR-1016-5

R.T.: 5.229 min
Delta R.T.: -0.003 mi
Response: 1257149897
Conc: 4673.22 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

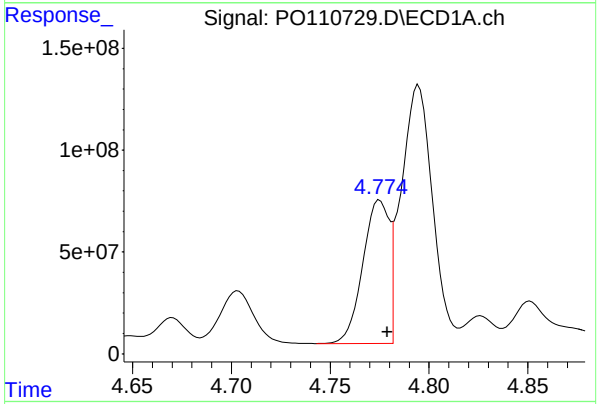
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



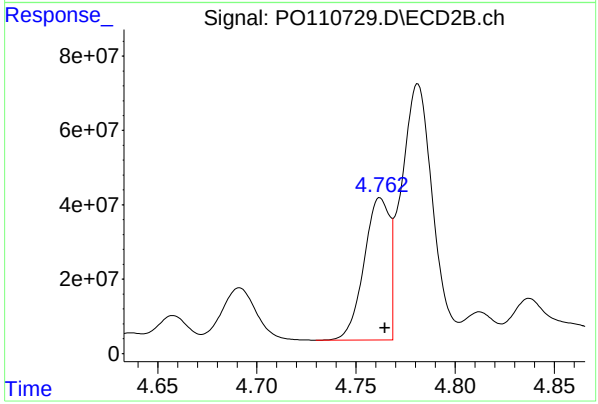
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 668463659
Conc: 4484.11 ng/ml m



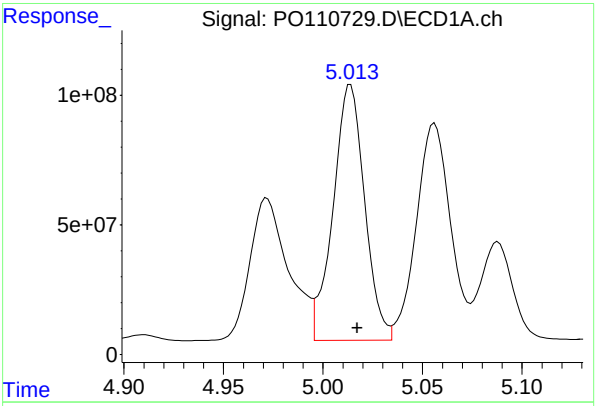
#21 AR-1248-1

R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 651096696
Conc: 3059.14 ng/ml



#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 341167707
Conc: 2963.28 ng/ml



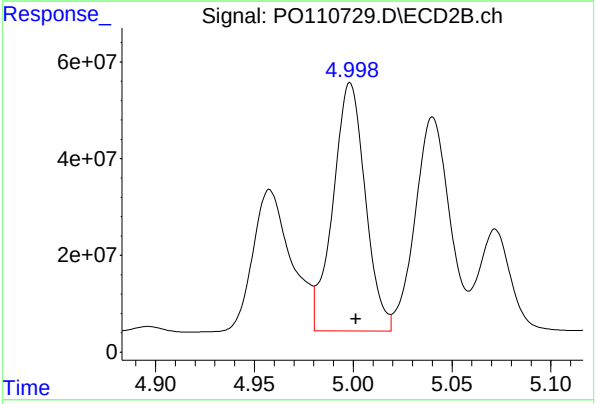
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 mi
Response: 1090086953
Conc: 3683.66 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

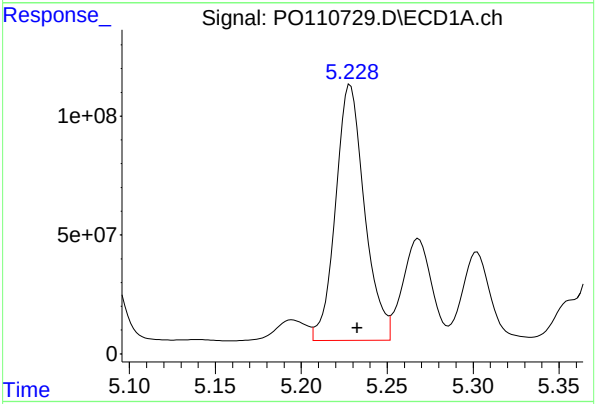
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



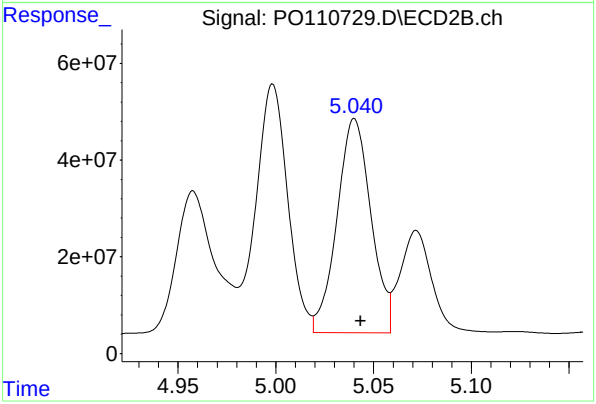
#22 AR-1248-2

R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 582537254
Conc: 3576.42 ng/ml



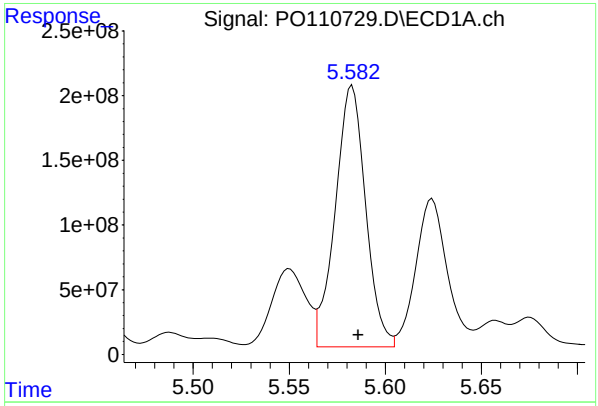
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 1257149897
Conc: 3398.06 ng/ml



#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 535131763
Conc: 3043.01 ng/ml



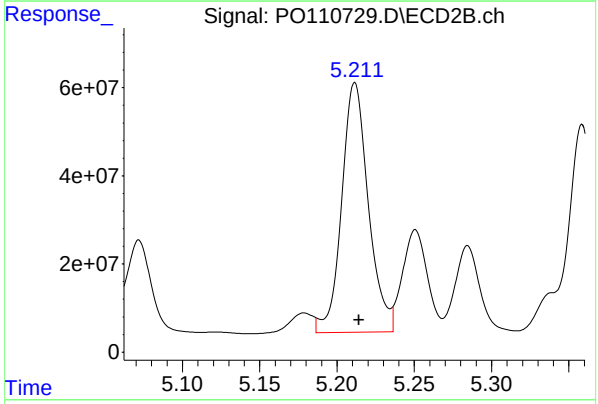
#24 AR-1248-4

R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 2210819482
Conc: 4251.32 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

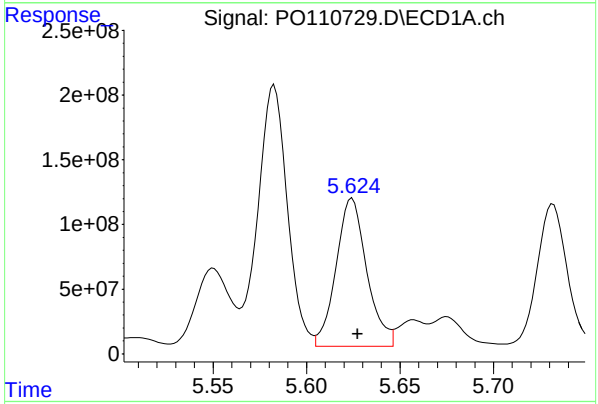
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



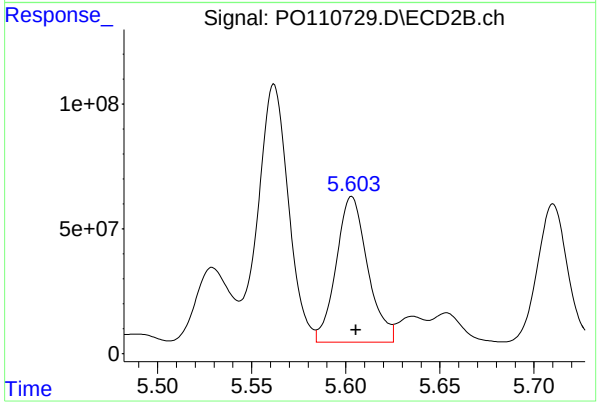
#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 677256809
Conc: 3325.12 ng/ml m



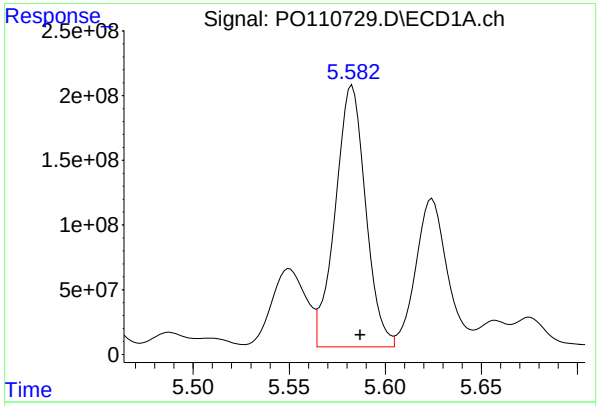
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: -0.003 min
Response: 1311162528
Conc: 3549.19 ng/ml



#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 678354866
Conc: 3436.52 ng/ml



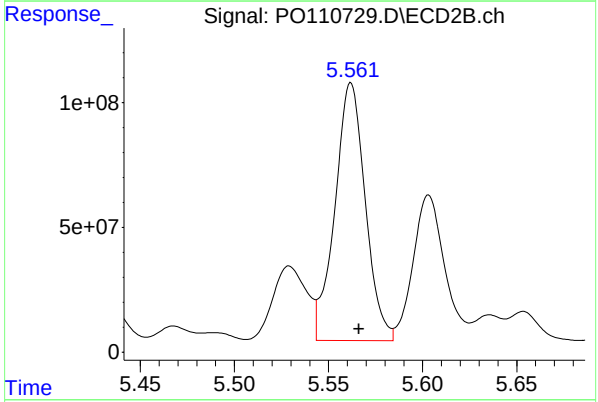
#26 AR-1254-1

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 2210819482
Conc: 3962.12 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

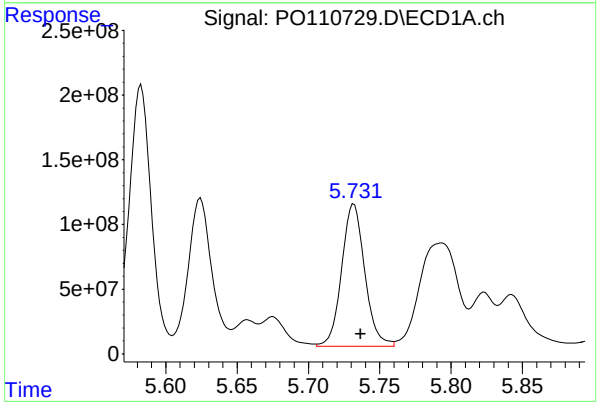
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



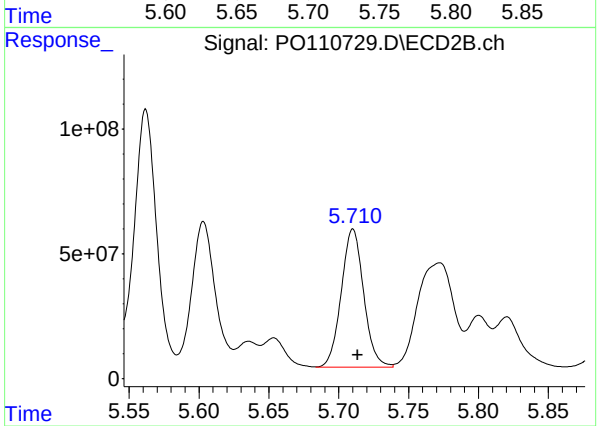
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 1161665431
Conc: 3852.96 ng/ml



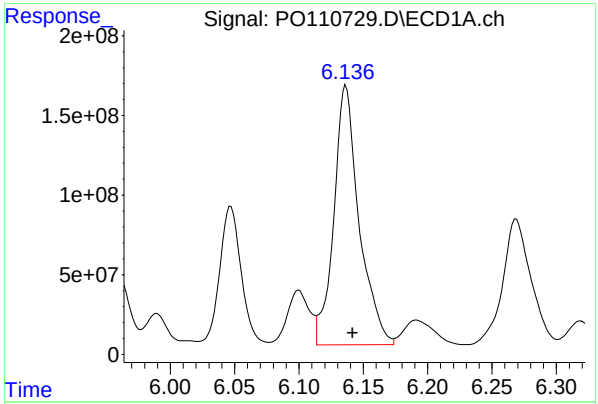
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.005 min
Response: 1240446806
Conc: 2553.92 ng/ml



#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 619149833
Conc: 2339.19 ng/ml



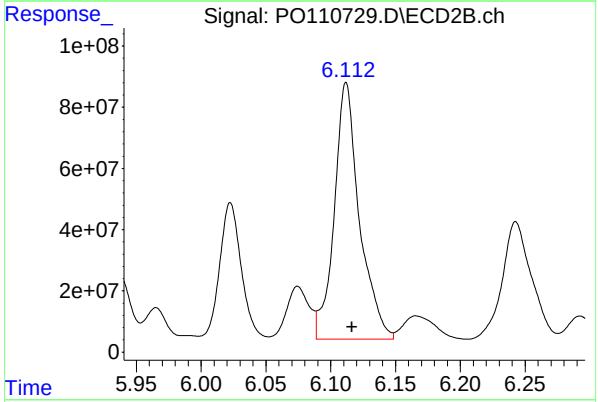
#28 AR-1254-3

R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 2227510841
Conc: 2844.04 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

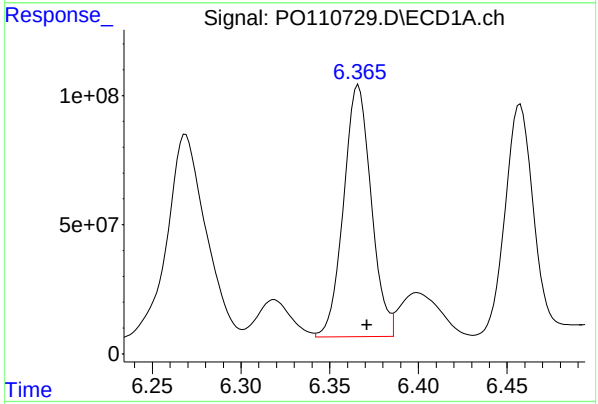
Manual Integrations
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Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



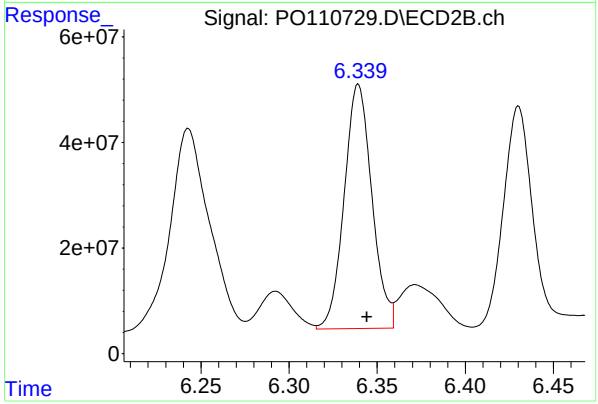
#28 AR-1254-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 1131988180
Conc: 2806.01 ng/ml



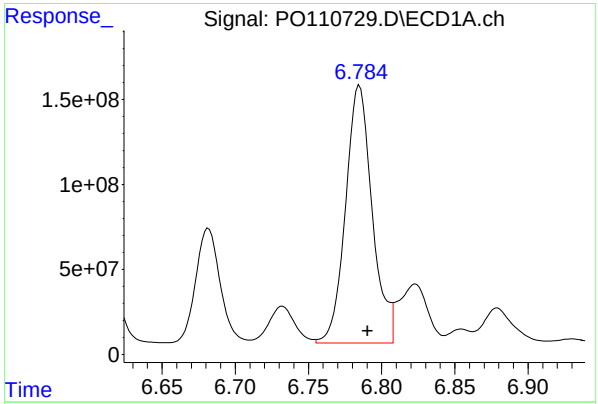
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 1057445220
Conc: 2168.65 ng/ml



#29 AR-1254-4

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 507307406
Conc: 2208.44 ng/ml



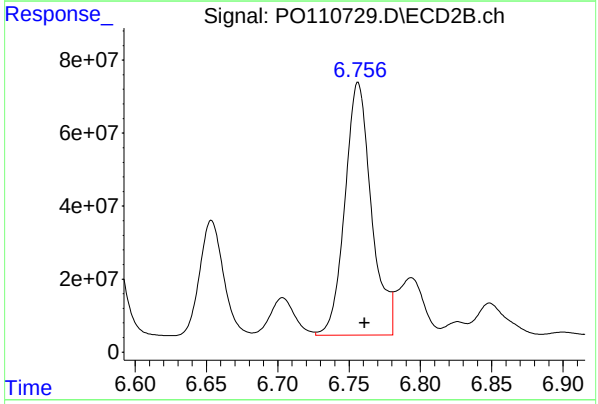
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 1914695199
Conc: 2731.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

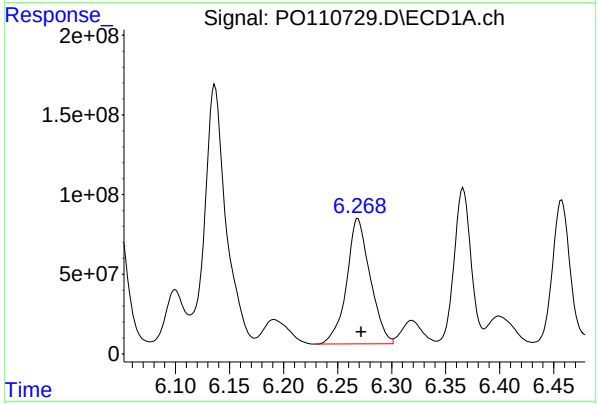
Manual Integrations
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Supervised By :mohammad ahmed 05/02/2025



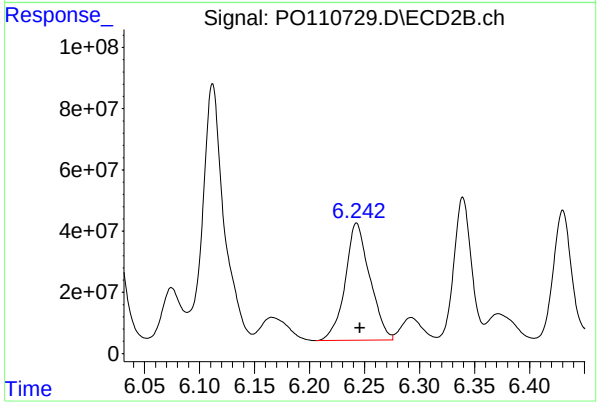
#30 AR-1254-5

R.T.: 6.756 min
Delta R.T.: -0.005 min
Response: 895991441
Conc: 2696.40 ng/ml



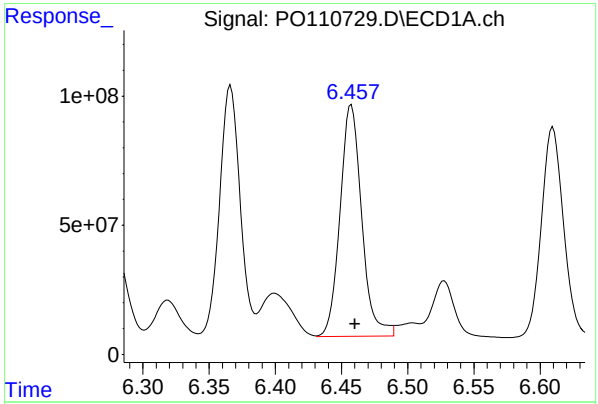
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 1195092810
Conc: 2529.59 ng/ml



#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 595896159
Conc: 2422.70 ng/ml



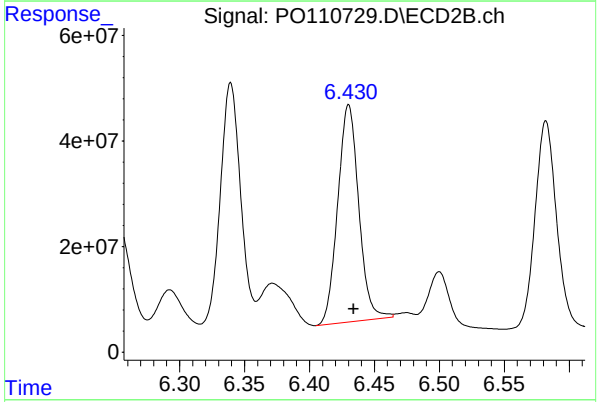
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.003 mi
Response: 1022480637
Conc: 1743.58 ng/m

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

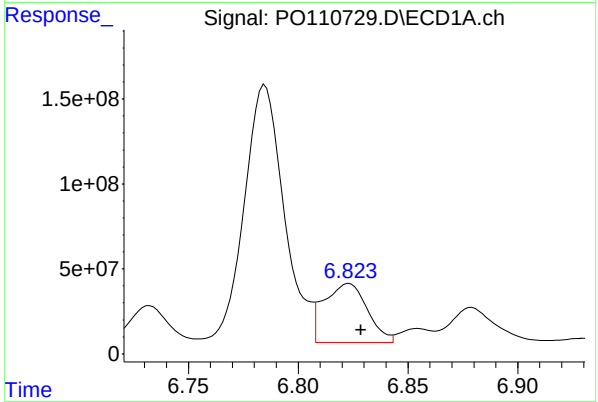
Manual Integrations
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Supervised By :mohammad ahmed 05/02/2025



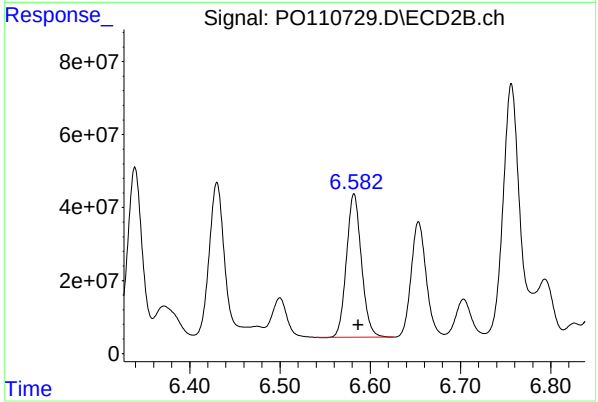
#32 AR-1260-2

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 462961029
Conc: 1586.84 ng/ml



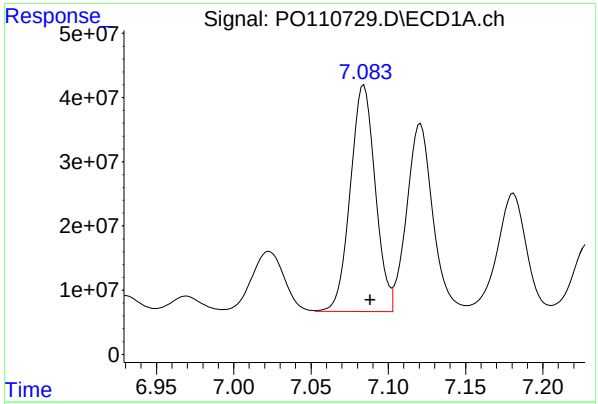
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: -0.005 min
Response: 476828567
Conc: 967.45 ng/ml



#33 AR-1260-3

R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 452089454
Conc: 1668.94 ng/ml



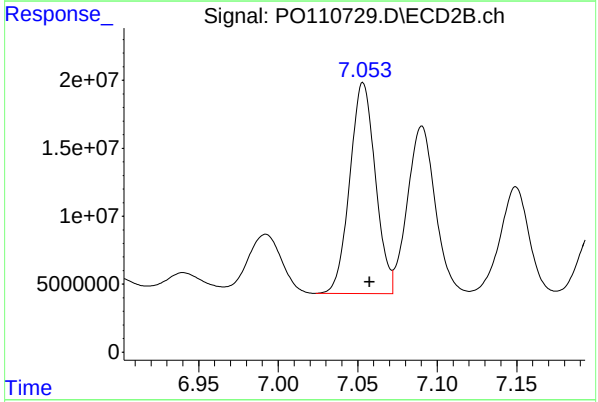
#34 AR-1260-4

R.T.: 7.084 min
Delta R.T.: -0.004 min
Response: 394922548
Conc: 930.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
P001-SS016-01MSD

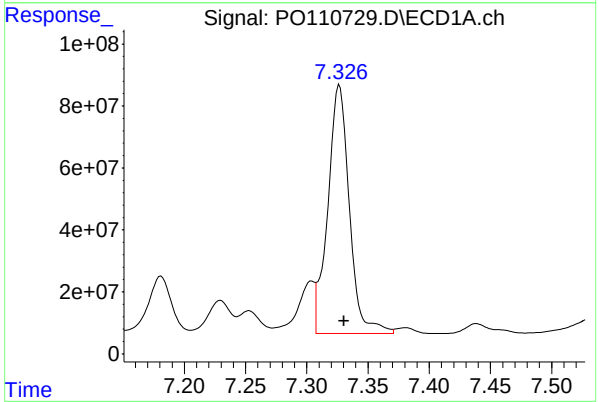
Manual Integrations
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Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025



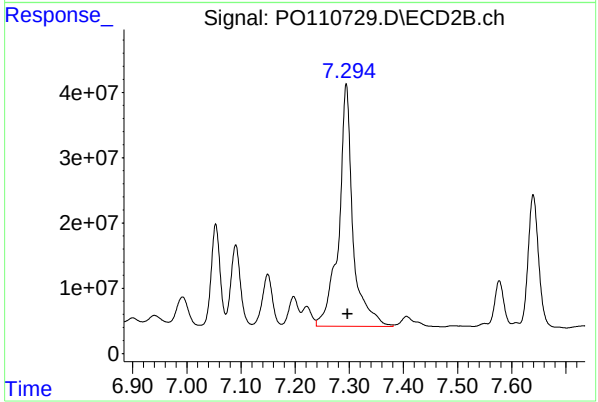
#34 AR-1260-4

R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 173788931
Conc: 866.17 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 983151016
Conc: 942.19 ng/ml



#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 673239657
Conc: 1467.21 ng/ml

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Manual Integration Report

Sequence:	PO041025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	PO042425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-05	PO110678.D	AR-1254-5	yogesh	4/25/2025 8:13:51 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-05	PO110678.D	Decachlorobiphenyl #2	yogesh	4/25/2025 8:13:51 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-12	PO110681.D	AR-1248-4 #2	yogesh	4/25/2025 8:14:09 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-14	PO110683.D	AR-1248-4 #2	yogesh	4/25/2025 8:14:11 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-15	PO110684.D	AR-1248-4 #2	yogesh	4/25/2025 8:14:13 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-16	PO110685.D	AR-1248-4 #2	yogesh	4/25/2025 8:14:15 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-17	PO110686.D	Decachlorobiphenyl	yogesh	4/25/2025 8:14:17 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-17	PO110686.D	Decachlorobiphenyl #2	yogesh	4/25/2025 8:14:17 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-18	PO110687.D	AR-1248-4 #2	yogesh	4/25/2025 8:14:20 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1248-1 #2	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1248-4	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1248-4 #2	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1248-5	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO042425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-13	PO110708.D	AR-1248-5 #2	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1254-1	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1254-1 #2	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1254-2	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1254-2 #2	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1254-3	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1254-3 #2	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1254-4	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1254-4 #2	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-13	PO110708.D	AR-1260-5	yogesh	4/25/2025 8:14:33 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-12DL	PO110709.D	AR-1248-4 #2	yogesh	4/25/2025 8:48:45 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-15DL	PO110710.D	AR-1248-4 #2	yogesh	4/25/2025 8:14:37 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software
Q1860-16DL	PO110712.D	AR-1248-4 #2	yogesh	4/25/2025 8:14:40 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO042425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO110714.D	AR-1016-5	yogesh	4/25/2025 8:14:44 AM	mohammad	4/26/2025 2:18:54	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO042525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-19	PO110727.D	AR-1248-4 #2	yogesh	4/28/2025 8:24:07 AM	mohammad	5/2/2025 2:17:15	Peak Integrated by Software
Q1860-20MS	PO110728.D	AR-1016-3	yogesh	4/30/2025 8:37:04 AM	mohammad	5/2/2025 2:17:19	Peak Integrated by Software
Q1860-20MS	PO110728.D	AR-1016-5 #2	yogesh	4/30/2025 8:37:04 AM	mohammad	5/2/2025 2:17:19	Peak Integrated by Software
Q1860-20MS	PO110728.D	AR-1248-4 #2	yogesh	4/30/2025 8:37:04 AM	mohammad	5/2/2025 2:17:19	Peak Integrated by Software
Q1860-21MSD	PO110729.D	AR-1016-3	yogesh	4/28/2025 9:19:59 AM	mohammad	5/2/2025 2:17:21	Peak Integrated by Software
Q1860-21MSD	PO110729.D	AR-1016-5 #2	yogesh	4/28/2025 9:19:59 AM	mohammad	5/2/2025 2:17:21	Peak Integrated by Software
Q1860-21MSD	PO110729.D	AR-1248-4 #2	yogesh	4/28/2025 9:19:59 AM	mohammad	5/2/2025 2:17:21	Peak Integrated by Software
Q1860-26	PO110730.D	AR-1254-3	yogesh	4/28/2025 8:24:34 AM	mohammad	5/2/2025 2:17:24	Peak Integrated by Software
Q1860-26	PO110730.D	AR-1254-3 #2	yogesh	4/28/2025 8:24:34 AM	mohammad	5/2/2025 2:17:24	Peak Integrated by Software
Q1860-26	PO110730.D	Decachlorobiphenyl	yogesh	4/28/2025 8:24:34 AM	mohammad	5/2/2025 2:17:24	Peak Integrated by Software
Q1860-27	PO110731.D	Decachlorobiphenyl	yogesh	4/28/2025 8:24:36 AM	mohammad	5/2/2025 2:17:26	Peak Integrated by Software
Q1860-27	PO110731.D	Decachlorobiphenyl #2	yogesh	4/28/2025 8:24:36 AM	mohammad	5/2/2025 2:17:26	Peak Integrated by Software
Q1860-30	PO110734.D	AR-1254-5 #2	yogesh	4/28/2025 8:24:41 AM	mohammad	5/2/2025 2:17:29	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-34	PO110743.D	AR-1248-4 #2	yogesh	4/28/2025 8:24:48 AM	mohammad	5/2/2025 2:18:09	Peak Integrated by Software
Q1860-36	PO110745.D	AR-1248-4 #2	yogesh	4/28/2025 8:24:53 AM	mohammad	5/2/2025 2:18:10	Peak Integrated by Software
Q1860-37	PO110746.D	Decachlorobiphenyl	yogesh	4/30/2025 8:37:05 AM	mohammad	5/2/2025 2:18:12	Peak Integrated by Software
Q1860-37	PO110746.D	Decachlorobiphenyl #2	yogesh	4/30/2025 8:37:05 AM	mohammad	5/2/2025 2:18:12	Peak Integrated by Software
Q1860-37	PO110746.D	Tetrachloro-m-xylene	yogesh	4/30/2025 8:37:05 AM	mohammad	5/2/2025 2:18:12	Peak Integrated by Software
Q1860-37	PO110746.D	Tetrachloro-m-xylene #2	yogesh	4/30/2025 8:37:05 AM	mohammad	5/2/2025 2:18:12	Peak Integrated by Software
Q1860-38	PO110747.D	AR-1248-4 #2	yogesh	4/28/2025 8:25:09 AM	mohammad	5/2/2025 2:18:17	Peak Integrated by Software
Q1860-39	PO110748.D	AR-1248-4 #2	yogesh	4/28/2025 8:25:11 AM	mohammad	5/2/2025 2:18:19	Peak Integrated by Software
Q1860-40	PO110749.D	AR-1248-4 #2	yogesh	4/28/2025 8:25:13 AM	mohammad	5/2/2025 2:18:23	Peak Integrated by Software
AR1660CCC500	PO110750.D	AR-1016-5	yogesh	4/28/2025 8:25:14 AM	mohammad	5/2/2025 2:18:28	Peak Integrated by Software
AR1660CCC500	PO110750.D	AR-1016-5 #2	yogesh	4/28/2025 8:25:14 AM	mohammad	5/2/2025 2:18:28	Peak Integrated by Software
Q1860-41	PO110758.D	AR-1248-4 #2	yogesh	4/28/2025 8:25:16 AM	mohammad	5/2/2025 2:19:21	Peak Integrated by Software
AR1242CCC500	PO110781.D	AR-1242-5	yogesh	4/28/2025 8:25:34 AM	mohammad	5/2/2025 2:19:44	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-19DL	PO110788.D	AR-1248-4 #2	yogesh	4/29/2025 10:14:36 AM	mohammad	5/2/2025 2:28:18	Peak Integrated by Software
Q1860-19DL	PO110788.D	Tetrachloro-m-xylene #2	yogesh	4/29/2025 10:14:36 AM	mohammad	5/2/2025 2:28:18	Peak Integrated by Software
Q1860-27DL	PO110790.D	Decachlorobiphenyl	yogesh	4/29/2025 10:14:40 AM	mohammad	5/2/2025 2:28:21	Peak Integrated by Software
Q1860-27DL	PO110790.D	Decachlorobiphenyl #2	yogesh	4/29/2025 10:14:40 AM	mohammad	5/2/2025 2:28:21	Peak Integrated by Software
Q1860-32DL	PO110794.D	AR-1254-1	yogesh	4/30/2025 8:37:21 AM	mohammad	5/2/2025 2:28:23	Peak Integrated by Software
Q1860-32DL	PO110794.D	AR-1254-2	yogesh	4/30/2025 8:37:21 AM	mohammad	5/2/2025 2:28:23	Peak Integrated by Software
Q1860-36DL	PO110796.D	AR-1248-2 #2	yogesh	4/29/2025 10:14:49 AM	mohammad	5/2/2025 2:28:27	Peak Integrated by Software
Q1860-36DL	PO110796.D	AR-1248-3 #2	yogesh	4/29/2025 10:14:49 AM	mohammad	5/2/2025 2:28:27	Peak Integrated by Software
Q1860-36DL	PO110796.D	AR-1254-2	yogesh	4/29/2025 10:14:49 AM	mohammad	5/2/2025 2:28:27	Peak Integrated by Software
Q1860-36DL	PO110796.D	Decachlorobiphenyl	yogesh	4/29/2025 10:14:49 AM	mohammad	5/2/2025 2:28:27	Peak Integrated by Software
Q1860-36DL	PO110796.D	Decachlorobiphenyl #2	yogesh	4/29/2025 10:14:49 AM	mohammad	5/2/2025 2:28:27	Peak Integrated by Software
Q1860-36DL	PO110797.D	AR-1248-4 #2	yogesh	5/5/2025 9:02:15 AM	mohammad	5/6/2025 4:42:28	Peak Integrated by Software
Q1860-38DL	PO110805.D	AR-1248-4 #2	yogesh	4/29/2025 10:14:52 AM	mohammad	5/2/2025 2:28:34	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-39DL	PO110807.D	AR-1248-4 #2	yogesh	4/29/2025 10:14:54 AM	mohammad	5/2/2025 2:28:37	Peak Integrated by Software
Q1860-40DL	PO110808.D	Tetrachloro-m-xylene	yogesh	4/29/2025 10:14:55 AM	mohammad	5/2/2025 2:28:39	Peak Integrated by Software
Q1860-40DL	PO110808.D	Tetrachloro-m-xylene #2	yogesh	4/29/2025 10:14:55 AM	mohammad	5/2/2025 2:28:39	Peak Integrated by Software
Q1860-41DL	PO110809.D	AR-1248-4 #2	yogesh	4/29/2025 10:14:57 AM	mohammad	5/2/2025 2:28:44	Peak Integrated by Software
Q1860-41DL2	PO110810.D	AR-1248-1 #2	yogesh	4/29/2025 10:14:59 AM	mohammad	5/2/2025 2:28:46	Peak Integrated by Software
Q1860-41DL2	PO110810.D	AR-1248-2 #2	yogesh	4/29/2025 10:14:59 AM	mohammad	5/2/2025 2:28:46	Peak Integrated by Software
Q1860-41DL2	PO110810.D	AR-1248-3 #2	yogesh	4/29/2025 10:14:59 AM	mohammad	5/2/2025 2:28:46	Peak Integrated by Software
Q1860-41DL2	PO110810.D	AR-1248-4	yogesh	4/29/2025 10:14:59 AM	mohammad	5/2/2025 2:28:46	Peak Integrated by Software
Q1860-41DL2	PO110810.D	AR-1248-4 #2	yogesh	4/29/2025 10:14:59 AM	mohammad	5/2/2025 2:28:46	Peak Integrated by Software
Q1860-41DL2	PO110810.D	AR-1248-5	yogesh	4/29/2025 10:14:59 AM	mohammad	5/2/2025 2:28:46	Peak Integrated by Software
Q1860-41DL2	PO110810.D	AR-1254-1	yogesh	4/29/2025 10:14:59 AM	mohammad	5/2/2025 2:28:46	Peak Integrated by Software
Q1860-41DL2	PO110810.D	AR-1254-2	yogesh	4/29/2025 10:14:59 AM	mohammad	5/2/2025 2:28:46	Peak Integrated by Software
Q1860-24	PO110823.D	AR-1254-1	yogesh	4/29/2025 10:15:01 AM	mohammad	5/2/2025 2:29:48	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-24	PO110823.D	AR-1254-1 #2	yogesh	4/29/2025 10:15:01 AM	mohammad	5/2/2025 2:29:48	Peak Integrated by Software
Q1860-24	PO110823.D	AR-1254-2	yogesh	4/29/2025 10:15:01 AM	mohammad	5/2/2025 2:29:48	Peak Integrated by Software
Q1860-24	PO110823.D	AR-1254-3	yogesh	4/29/2025 10:15:01 AM	mohammad	5/2/2025 2:29:48	Peak Integrated by Software
Q1860-24	PO110823.D	AR-1254-3 #2	yogesh	4/29/2025 10:15:01 AM	mohammad	5/2/2025 2:29:48	Peak Integrated by Software
Q1860-24	PO110823.D	AR-1254-4	yogesh	4/29/2025 10:15:01 AM	mohammad	5/2/2025 2:29:48	Peak Integrated by Software
Q1860-24	PO110823.D	AR-1254-5	yogesh	4/29/2025 10:15:01 AM	mohammad	5/2/2025 2:29:48	Peak Integrated by Software
Q1860-23DL	PO110827.D	AR-1248-3	yogesh	4/29/2025 10:15:02 AM	mohammad	5/2/2025 2:29:50	Peak Integrated by Software
Q1860-23DL	PO110827.D	AR-1248-4 #2	yogesh	4/29/2025 10:15:02 AM	mohammad	5/2/2025 2:29:50	Peak Integrated by Software
Q1860-23DL	PO110827.D	AR-1254-1	yogesh	4/29/2025 10:15:02 AM	mohammad	5/2/2025 2:29:50	Peak Integrated by Software
Q1860-23DL	PO110827.D	AR-1254-2	yogesh	4/29/2025 10:15:02 AM	mohammad	5/2/2025 2:29:50	Peak Integrated by Software
Q1860-23DL	PO110827.D	AR-1254-3	yogesh	4/29/2025 10:15:02 AM	mohammad	5/2/2025 2:29:50	Peak Integrated by Software
Q1860-23DL	PO110827.D	AR-1254-4	yogesh	4/29/2025 10:15:02 AM	mohammad	5/2/2025 2:29:50	Peak Integrated by Software
AR1660CCC500	PO110828.D	AR-1016-5	yogesh	4/29/2025 10:15:04 AM	mohammad	5/2/2025 2:29:54	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-25DL	PO110837.D	Tetrachloro-m-xylene	yogesh	5/1/2025 3:35:08 PM	mohammad	5/2/2025 2:29:59	Peak Integrated by Software
Q1860-25DL	PO110837.D	Tetrachloro-m-xylene #2	yogesh	5/1/2025 3:35:08 PM	mohammad	5/2/2025 2:29:59	Peak Integrated by Software
AR1660CCC500	PO110840.D	AR-1016-5	yogesh	4/29/2025 10:15:11 AM	mohammad	5/2/2025 2:30:06	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-34DL	PO110855.D	AR-1248-4 #2	yogesh	5/5/2025 9:02:25 AM	mohammad	5/6/2025 4:42:49	Peak Integrated by Software
Q1860-34DL	PO110855.D	Tetrachloro-m-xylene	yogesh	5/5/2025 9:02:25 AM	mohammad	5/6/2025 4:42:49	Peak Integrated by Software
Q1860-34DL	PO110855.D	Tetrachloro-m-xylene #2	yogesh	5/5/2025 9:02:25 AM	mohammad	5/6/2025 4:42:49	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP071393.D	AR-1260-3	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1660ICC050	PP071393.D	AR-1260-4	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1660ICC050	PP071393.D	AR-1260-5	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1254ICC750	PP071407.D	AR-1254-5	yogesh	4/23/2025 7:32:40 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1254ICC050	PP071410.D	Tetrachloro-m-xylene	yogesh	4/23/2025 7:32:41 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC1000	PP071412.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:43 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC750	PP071413.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:44 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC500	PP071414.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:46 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC250	PP071415.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:48 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-1	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-2	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICV500	PP071421.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:52 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP071426.D	AR-1254-1	yogesh	4/25/2025 8:11:50 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-01	PP071430.D	AR-1260-1	yogesh	4/25/2025 8:11:51 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-01	PP071430.D	AR-1260-2	yogesh	4/25/2025 8:11:51 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-01	PP071430.D	AR-1260-4	yogesh	4/25/2025 8:11:51 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-01	PP071430.D	AR-1260-5	yogesh	4/25/2025 8:11:51 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-02MS	PP071431.D	AR-1016-5	yogesh	4/25/2025 8:11:53 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-02MS	PP071431.D	AR-1016-5 #2	yogesh	4/25/2025 8:11:53 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-02MS	PP071431.D	AR-1260-1	yogesh	4/25/2025 8:11:53 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-02MS	PP071431.D	AR-1260-2	yogesh	4/25/2025 8:11:53 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-03MSD	PP071432.D	AR-1016-5	yogesh	4/25/2025 8:11:54 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-03MSD	PP071432.D	AR-1016-5 #2	yogesh	4/25/2025 8:11:54 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-03MSD	PP071432.D	AR-1260-1	yogesh	4/25/2025 8:11:54 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-03MSD	PP071432.D	AR-1260-2	yogesh	4/25/2025 8:11:54 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software

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Q1860-04	PP071433.D	Decachlorobiphenyl #2	yogesh	4/25/2025 8:11:56 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-08	PP071434.D	AR-1260-4	yogesh	4/25/2025 8:11:58 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-10	PP071436.D	AR-1248-3	yogesh	4/25/2025 8:12:02 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-10	PP071436.D	AR-1248-4 #2	yogesh	4/25/2025 8:12:02 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-11	PP071437.D	AR-1242-1	yogesh	4/25/2025 8:12:04 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-11	PP071437.D	AR-1242-2	yogesh	4/25/2025 8:12:04 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-11	PP071437.D	AR-1248-1	yogesh	4/25/2025 8:12:04 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-11	PP071437.D	AR-1248-3	yogesh	4/25/2025 8:12:04 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-11	PP071437.D	AR-1248-4 #2	yogesh	4/25/2025 8:12:04 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-11	PP071437.D	Decachlorobiphenyl #2	yogesh	4/25/2025 8:12:04 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-10DL	PP071447.D	AR-1242-1	yogesh	4/25/2025 8:12:08 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-10DL	PP071447.D	AR-1242-2	yogesh	4/25/2025 8:12:08 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-10DL	PP071447.D	AR-1248-1	yogesh	4/25/2025 8:12:08 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-10DL	PP071447.D	AR-1248-3	yogesh	4/25/2025 8:12:08 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-10DL	PP071447.D	AR-1248-4 #2	yogesh	4/25/2025 8:12:08 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-11DL	PP071449.D	AR-1248-1	yogesh	4/25/2025 8:12:11 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-11DL	PP071449.D	AR-1248-3	yogesh	4/25/2025 8:12:11 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software
Q1860-11DL	PP071449.D	AR-1248-4 #2	yogesh	4/25/2025 8:12:11 AM	mohammad	4/26/2025 2:18:47	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-33	PP071536.D	AR-1248-1	yogesh	4/29/2025 8:18:58 AM	mohammad	5/2/2025 2:32:28	Peak Integrated by Software
Q1860-33	PP071536.D	AR-1248-3	yogesh	4/29/2025 8:18:58 AM	mohammad	5/2/2025 2:32:28	Peak Integrated by Software
Q1860-33	PP071536.D	AR-1248-4 #2	yogesh	4/29/2025 8:18:58 AM	mohammad	5/2/2025 2:32:28	Peak Integrated by Software
Q1860-35	PP071537.D	AR-1248-1	yogesh	4/29/2025 8:18:59 AM	mohammad	5/2/2025 2:32:32	Peak Integrated by Software
Q1860-35	PP071537.D	AR-1248-3	yogesh	4/29/2025 8:18:59 AM	mohammad	5/2/2025 2:32:32	Peak Integrated by Software
Q1860-35	PP071537.D	AR-1248-4 #2	yogesh	4/29/2025 8:18:59 AM	mohammad	5/2/2025 2:32:32	Peak Integrated by Software
Q1860-42	PP071539.D	AR-1254-2	yogesh	4/29/2025 8:19:01 AM	mohammad	5/2/2025 2:32:34	Peak Integrated by Software
Q1860-42	PP071539.D	AR-1254-4 #2	yogesh	4/29/2025 8:19:01 AM	mohammad	5/2/2025 2:32:34	Peak Integrated by Software
Q1860-42	PP071539.D	AR-1254-5	yogesh	4/29/2025 8:19:01 AM	mohammad	5/2/2025 2:32:34	Peak Integrated by Software
AR1254CCC500	PP071545.D	AR-1254-5	yogesh	4/29/2025 8:19:06 AM	mohammad	5/2/2025 2:34:32	Peak Integrated by Software
AR1254CCC500	PP071560.D	AR-1254-5	yogesh	4/29/2025 10:16:08 AM	mohammad	5/2/2025 2:32:52	Peak Integrated by Software
AR1254CCC500	PP071575.D	AR-1254-5	yogesh	4/29/2025 10:15:52 AM	mohammad	5/2/2025 2:34:57	Peak Integrated by Software
AR1254CCC500	PP071596.D	AR-1254-5	yogesh	4/29/2025 10:15:57 AM	mohammad	5/2/2025 2:33:09	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP042825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	PP042925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1860-35DL	PP071604.D	AR-1248-1	yogesh	4/30/2025 8:57:07 AM	mohammad	5/2/2025 2:52:42	Peak Integrated by Software
Q1860-35DL	PP071604.D	AR-1248-3	yogesh	4/30/2025 8:57:07 AM	mohammad	5/2/2025 2:52:42	Peak Integrated by Software
Q1860-35DL	PP071604.D	AR-1248-4 #2	yogesh	4/30/2025 8:57:07 AM	mohammad	5/2/2025 2:52:42	Peak Integrated by Software
Q1860-35DL	PP071604.D	AR-1260-4	yogesh	4/30/2025 8:57:07 AM	mohammad	5/2/2025 2:52:42	Peak Integrated by Software
Q1860-35DL	PP071604.D	AR-1260-5	yogesh	4/30/2025 8:57:07 AM	mohammad	5/2/2025 2:52:42	Peak Integrated by Software
AR1254CCC500	PP071632.D	AR-1254-5	yogesh	4/30/2025 8:57:17 AM	mohammad	5/2/2025 2:53:02	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP043025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP071638.D	AR-1254-5	yogesh	5/1/2025 7:49:14 AM	mohammad	5/2/2025 3:16:35	Peak Integrated by Software
Q1860-09	PP071645.D	AR-1260-4	yogesh	5/1/2025 7:49:20 AM	mohammad	5/2/2025 3:15:58	Peak Integrated by Software
Q1860-09	PP071645.D	Tetrachloro-m-xylene	yogesh	5/1/2025 7:49:20 AM	mohammad	5/2/2025 3:15:58	Peak Integrated by Software
Q1860-09DL	PP071646.D	AR-1260-4	yogesh	5/1/2025 7:49:21 AM	mohammad	5/2/2025 3:15:55	Peak Integrated by Software
AR1254CCC500	PP071653.D	AR-1254-5	yogesh	5/1/2025 7:49:29 AM	mohammad	5/2/2025 3:15:43	Peak Integrated by Software
AR1254CCC500	PP071653.D	Decachlorobiphenyl #2	yogesh	5/1/2025 7:49:29 AM	mohammad	5/2/2025 3:15:43	Peak Integrated by Software
AR1254CCC500	PP071668.D	AR-1254-5	yogesh	5/1/2025 8:35:35 AM	mohammad	5/2/2025 3:17:31	Peak Integrated by Software
AR1254CCC500	PP071668.D	Decachlorobiphenyl #2	yogesh	5/1/2025 8:35:35 AM	mohammad	5/2/2025 3:17:31	Peak Integrated by Software
I.BLK	PP071669.D	Decachlorobiphenyl #2	yogesh	5/1/2025 8:35:37 AM	mohammad	5/2/2025 3:17:33	Peak Integrated by Software
AR1242CCC500	PP071676.D	Decachlorobiphenyl #2	yogesh	5/1/2025 7:49:57 AM	mohammad	5/2/2025 3:17:42	Peak Integrated by Software
AR1254CCC500	PP071678.D	Decachlorobiphenyl #2	yogesh	5/1/2025 7:50:02 AM	mohammad	5/2/2025 3:17:45	Peak Integrated by Software
I.BLK	PP071679.D	Decachlorobiphenyl #2	yogesh	5/1/2025 7:50:03 AM	mohammad	5/2/2025 3:17:48	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP043025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO041025

Review By	yogesh	Review On	4/10/2025 11:27:35 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:40:29 AM		
SubDirectory	PO041025	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO110347.D	10 Apr 2025 08:59	YP/AJ	Ok
2	I.BLK	PO110348.D	10 Apr 2025 09:17	YP/AJ	Ok
3	AR1660ICC1000	PO110349.D	10 Apr 2025 09:36	YP/AJ	Ok
4	AR1660ICC750	PO110350.D	10 Apr 2025 09:54	YP/AJ	Ok
5	AR1660ICC500	PO110351.D	10 Apr 2025 10:13	YP/AJ	Ok
6	AR1660ICC250	PO110352.D	10 Apr 2025 10:31	YP/AJ	Ok
7	AR1660ICC050	PO110353.D	10 Apr 2025 10:49	YP/AJ	Ok
8	AR1221ICC500	PO110354.D	10 Apr 2025 11:08	YP/AJ	Ok
9	AR1232ICC500	PO110355.D	10 Apr 2025 11:26	YP/AJ	Ok
10	AR1242ICC1000	PO110356.D	10 Apr 2025 11:44	YP/AJ	Ok
11	AR1242ICC750	PO110357.D	10 Apr 2025 12:03	YP/AJ	Ok
12	AR1242ICC500	PO110358.D	10 Apr 2025 12:21	YP/AJ	Ok
13	AR1242ICC250	PO110359.D	10 Apr 2025 12:39	YP/AJ	Ok
14	AR1242ICC050	PO110360.D	10 Apr 2025 12:58	YP/AJ	Ok
15	AR1248ICC1000	PO110361.D	10 Apr 2025 13:16	YP/AJ	Ok
16	AR1248ICC750	PO110362.D	10 Apr 2025 13:35	YP/AJ	Ok
17	AR1248ICC500	PO110363.D	10 Apr 2025 13:53	YP/AJ	Ok
18	AR1248ICC250	PO110364.D	10 Apr 2025 14:11	YP/AJ	Ok
19	AR1248ICC050	PO110365.D	10 Apr 2025 14:30	YP/AJ	Ok
20	AR1254ICC1000	PO110366.D	10 Apr 2025 14:48	YP/AJ	Ok
21	AR1254ICC750	PO110367.D	10 Apr 2025 15:06	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO041025

Review By	yogesh	Review On	4/10/2025 11:27:35 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:40:29 AM		
SubDirectory	PO041025	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO110368.D	10 Apr 2025 15:25	YP/AJ	Ok
23	AR1254ICC250	PO110369.D	10 Apr 2025 15:43	YP/AJ	Ok
24	AR1254ICC050	PO110370.D	10 Apr 2025 16:02	YP/AJ	Ok
25	AR1262ICC500	PO110371.D	10 Apr 2025 16:20	YP/AJ	Ok
26	AR1268ICC1000	PO110372.D	10 Apr 2025 16:38	YP/AJ	Ok
27	AR1268ICC750	PO110373.D	10 Apr 2025 16:57	YP/AJ	Ok
28	AR1268ICC500	PO110374.D	10 Apr 2025 17:15	YP/AJ	Ok
29	AR1268ICC250	PO110375.D	10 Apr 2025 17:33	YP/AJ	Ok
30	AR1268ICC050	PO110376.D	10 Apr 2025 17:52	YP/AJ	Ok
31	PO041025ICV500	PO110377.D	10 Apr 2025 18:09	YP/AJ	Ok
32	AR1242ICV500	PO110378.D	10 Apr 2025 18:46	YP/AJ	Ok
33	AR1248ICV500	PO110379.D	10 Apr 2025 19:22	YP/AJ	Ok
34	AR1254ICV500	PO110380.D	10 Apr 2025 19:58	YP/AJ	Ok
35	AR1268ICV500	PO110381.D	10 Apr 2025 20:35	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042425

Review By	yogesh	Review On	4/24/2025 12:16:32 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:18:54 AM		
SubDirectory	PO042425	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO110672.D	24 Apr 2025 09:33	YP/AJ	Ok
2	AR1660CCC500	PO110673.D	24 Apr 2025 10:09	YP/AJ	Ok
3	AR1242CCC500	PO110674.D	24 Apr 2025 10:34	YP/AJ	Ok
4	AR1248CCC500	PO110675.D	24 Apr 2025 10:53	YP/AJ	Ok
5	AR1254CCC500	PO110676.D	24 Apr 2025 11:11	YP/AJ	Ok
6	I.BLK	PO110677.D	24 Apr 2025 11:29	YP/AJ	Ok
7	Q1860-05	PO110678.D	24 Apr 2025 13:01	YP/AJ	Ok,M
8	Q1860-06	PO110679.D	24 Apr 2025 13:19	YP/AJ	Ok
9	Q1860-07	PO110680.D	24 Apr 2025 13:37	YP/AJ	Ok
10	Q1860-12	PO110681.D	24 Apr 2025 13:56	YP/AJ	Dilution
11	Q1860-13	PO110682.D	24 Apr 2025 14:14	YP/AJ	Not Ok
12	Q1860-14	PO110683.D	24 Apr 2025 14:32	YP/AJ	Ok,M
13	Q1860-15	PO110684.D	24 Apr 2025 14:51	YP/AJ	Dilution
14	Q1860-16	PO110685.D	24 Apr 2025 15:09	YP/AJ	Dilution
15	Q1860-17	PO110686.D	24 Apr 2025 15:27	YP/AJ	Ok,M
16	Q1860-18	PO110687.D	24 Apr 2025 15:46	YP/AJ	Ok,M
17	AR1660CCC500	PO110688.D	24 Apr 2025 17:22	YP/AJ	Ok
18	AR1242CCC500	PO110689.D	24 Apr 2025 17:59	YP/AJ	Ok
19	AR1248CCC500	PO110690.D	24 Apr 2025 18:17	YP/AJ	Ok
20	AR1254CCC500	PO110691.D	24 Apr 2025 18:36	YP/AJ	Ok
21	I.BLK	PO110692.D	24 Apr 2025 18:54	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042425

Review By	yogesh	Review On	4/24/2025 12:16:32 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:18:54 AM		
SubDirectory	PO042425	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB167719BL	PO110693.D	24 Apr 2025 19:13	YP/AJ	Not Ok
23	PB167719BS	PO110694.D	24 Apr 2025 19:31	YP/AJ	Ok
24	Q1860-22	PO110695.D	24 Apr 2025 19:49	YP/AJ	Not Ok
25	Q1860-23	PO110696.D	24 Apr 2025 20:08	YP/AJ	Not Ok
26	Q1860-24	PO110697.D	24 Apr 2025 20:26	YP/AJ	Not Ok
27	Q1860-25	PO110698.D	24 Apr 2025 20:44	YP/AJ	Not Ok
28	Q1865-02	PO110699.D	24 Apr 2025 21:03	YP/AJ	Ok,M
29	Q1865-03	PO110700.D	24 Apr 2025 21:21	YP/AJ	Ok
30	Q1865-04	PO110701.D	24 Apr 2025 21:39	YP/AJ	Ok
31	Q1865-01	PO110702.D	24 Apr 2025 21:57	YP/AJ	Ok,M
32	AR1660CCC500	PO110703.D	24 Apr 2025 23:35	YP/AJ	Ok
33	AR1242CCC500	PO110704.D	25 Apr 2025 00:30	YP/AJ	Ok
34	AR1248CCC500	PO110705.D	25 Apr 2025 00:48	YP/AJ	Ok
35	AR1254CCC500	PO110706.D	25 Apr 2025 01:07	YP/AJ	Ok
36	I.BLK	PO110707.D	25 Apr 2025 01:25	YP/AJ	Ok
37	Q1860-13	PO110708.D	25 Apr 2025 01:43	YP/AJ	Ok,M
38	Q1860-12DL	PO110709.D	25 Apr 2025 02:02	YP/AJ	Ok,M
39	Q1860-15DL	PO110710.D	25 Apr 2025 02:20	YP/AJ	Ok,M
40	Q1860-15DL2	PO110711.D	25 Apr 2025 02:38	YP/AJ	Not Ok
41	Q1860-16DL	PO110712.D	25 Apr 2025 02:57	YP/AJ	Ok,M
42	Q1860-16DL2	PO110713.D	25 Apr 2025 03:15	YP/AJ	Not Ok
43	AR1660CCC500	PO110714.D	25 Apr 2025 04:38	YP/AJ	Ok,M
44	AR1242CCC500	PO110715.D	25 Apr 2025 05:33	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042425

Review By	yogesh	Review On	4/24/2025 12:16:32 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:18:54 AM		
SubDirectory	PO042425	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	AR1248CCC500	PO110716.D	25 Apr 2025 05:51	YP/AJ	Ok
46	AR1254CCC500	PO110717.D	25 Apr 2025 06:10	YP/AJ	Ok
47	I.BLK	PO110718.D	25 Apr 2025 06:28	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042525

Review By	yogesh	Review On	4/25/2025 12:46:37 PM		
Supervise By	mohammad	Supervise On	5/2/2025 2:20:23 AM		
SubDirectory	PO042525	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO110719.D	25 Apr 2025 09:05	YP/AJ	Ok
2	AR1660CCC500	PO110720.D	25 Apr 2025 09:24	YP/AJ	Ok
3	AR1242CCC500	PO110721.D	25 Apr 2025 10:19	YP/AJ	Ok
4	AR1248CCC500	PO110722.D	25 Apr 2025 10:37	YP/AJ	Ok
5	AR1254CCC500	PO110723.D	25 Apr 2025 10:56	YP/AJ	Ok
6	I.BLK	PO110724.D	25 Apr 2025 11:14	YP/AJ	Ok
7	PB167737BL	PO110725.D	25 Apr 2025 11:54	YP/AJ	Not Ok
8	PB167737BS	PO110726.D	25 Apr 2025 12:13	YP/AJ	Ok
9	Q1860-19	PO110727.D	25 Apr 2025 12:31	YP/AJ	Dilution
10	Q1860-20MS	PO110728.D	25 Apr 2025 12:49	YP/AJ	Ok,M
11	Q1860-21MSD	PO110729.D	25 Apr 2025 13:08	YP/AJ	Ok,M
12	Q1860-26	PO110730.D	25 Apr 2025 13:26	YP/AJ	Dilution
13	Q1860-27	PO110731.D	25 Apr 2025 13:44	YP/AJ	Dilution
14	Q1860-28	PO110732.D	25 Apr 2025 14:03	YP/AJ	Ok
15	Q1860-29	PO110733.D	25 Apr 2025 14:21	YP/AJ	Dilution
16	Q1860-30	PO110734.D	25 Apr 2025 14:39	YP/AJ	Ok,M
17	AR1660CCC500	PO110735.D	25 Apr 2025 16:18	YP/AJ	Ok
18	AR1242CCC500	PO110736.D	25 Apr 2025 16:54	YP/AJ	Ok
19	AR1248CCC500	PO110737.D	25 Apr 2025 17:13	YP/AJ	Ok
20	AR1254CCC500	PO110738.D	25 Apr 2025 17:31	YP/AJ	Ok
21	I.BLK	PO110739.D	25 Apr 2025 17:49	YP/AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042525

Review By	yogesh	Review On	4/25/2025 12:46:37 PM		
Supervise By	mohammad	Supervise On	5/2/2025 2:20:23 AM		
SubDirectory	PO042525	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1860-31	PO110740.D	25 Apr 2025 18:08	YP/AJ	Dilution
23	Q1860-32	PO110741.D	25 Apr 2025 18:26	YP/AJ	Dilution
24	Q1860-33	PO110742.D	25 Apr 2025 18:44	YP/AJ	Not Ok
25	Q1860-34	PO110743.D	25 Apr 2025 19:03	YP/AJ	Dilution
26	Q1860-35	PO110744.D	25 Apr 2025 19:21	YP/AJ	Not Ok
27	Q1860-36	PO110745.D	25 Apr 2025 19:39	YP/AJ	Dilution
28	Q1860-37	PO110746.D	25 Apr 2025 19:58	YP/AJ	Dilution
29	Q1860-38	PO110747.D	25 Apr 2025 20:16	YP/AJ	Dilution
30	Q1860-39	PO110748.D	25 Apr 2025 20:34	YP/AJ	Dilution
31	Q1860-40	PO110749.D	25 Apr 2025 20:53	YP/AJ	Dilution
32	AR1660CCC500	PO110750.D	25 Apr 2025 23:07	YP/AJ	Ok,M
33	AR1242CCC500	PO110751.D	25 Apr 2025 23:25	YP/AJ	Ok
34	AR1248CCC500	PO110752.D	25 Apr 2025 23:44	YP/AJ	Ok
35	AR1254CCC500	PO110753.D	26 Apr 2025 00:02	YP/AJ	Ok
36	I.BLK	PO110754.D	26 Apr 2025 00:20	YP/AJ	Ok
37	PB167740BL	PO110755.D	26 Apr 2025 00:39	YP/AJ	Ok
38	PB167740BS	PO110756.D	26 Apr 2025 00:57	YP/AJ	Ok
39	PB167740BSD	PO110757.D	26 Apr 2025 01:16	YP/AJ	Ok
40	Q1860-41	PO110758.D	26 Apr 2025 01:34	YP/AJ	Dilution
41	Q1860-42	PO110759.D	26 Apr 2025 01:52	YP/AJ	Not Ok
42	Q1855-06	PO110760.D	26 Apr 2025 02:11	YP/AJ	Ok,M
43	Q1861-02	PO110761.D	26 Apr 2025 02:29	YP/AJ	Ok
44	Q1861-05	PO110762.D	26 Apr 2025 02:47	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042525

Review By	yogesh	Review On	4/25/2025 12:46:37 PM		
Supervise By	mohammad	Supervise On	5/2/2025 2:20:23 AM		
SubDirectory	PO042525	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q1875-05	PO110763.D	26 Apr 2025 03:06	YP/AJ	Ok
46	Q1875-06	PO110764.D	26 Apr 2025 03:24	YP/AJ	Ok,M
47	AR1660CCC500	PO110765.D	26 Apr 2025 05:02	YP/AJ	Ok
48	AR1242CCC500	PO110766.D	26 Apr 2025 05:57	YP/AJ	Ok
49	AR1248CCC500	PO110767.D	26 Apr 2025 06:15	YP/AJ	Ok
50	AR1254CCC500	PO110768.D	26 Apr 2025 06:34	YP/AJ	Ok
51	I.BLK	PO110769.D	26 Apr 2025 06:52	YP/AJ	Ok
52	PB167719BL	PO110770.D	26 Apr 2025 07:28	YP/AJ	Not Ok
53	Q1875-07	PO110771.D	26 Apr 2025 07:45	YP/AJ	Not Ok
54	Q1875-08	PO110772.D	26 Apr 2025 08:03	YP/AJ	Not Ok
55	Q1861-01	PO110773.D	26 Apr 2025 08:22	YP/AJ	Not Ok
56	Q1860-22	PO110774.D	26 Apr 2025 08:40	YP/AJ	Not Ok
57	Q1860-23	PO110775.D	26 Apr 2025 08:58	YP/AJ	Not Ok
58	Q1860-24	PO110776.D	26 Apr 2025 09:17	YP/AJ	Not Ok
59	Q1860-25	PO110777.D	26 Apr 2025 09:35	YP/AJ	Not Ok
60	Q1874-05	PO110778.D	26 Apr 2025 09:53	YP/AJ	Not Ok
61	Q1875-01	PO110779.D	26 Apr 2025 10:12	YP/AJ	Not Ok
62	AR1660CCC500	PO110780.D	26 Apr 2025 11:50	YP/AJ	Ok
63	AR1242CCC500	PO110781.D	26 Apr 2025 12:45	YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042825

Review By	yogesh	Review On	4/29/2025 11:07:05 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:30:39 AM		
SubDirectory	PO042825	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO110782.D	28 Apr 2025 08:31	YP/AJ	Ok
2	AR1660CCC500	PO110783.D	28 Apr 2025 08:50	YP/AJ	Ok
3	AR1242CCC500	PO110784.D	28 Apr 2025 09:08	YP/AJ	Ok
4	AR1248CCC500	PO110785.D	28 Apr 2025 09:44	YP/AJ	Ok
5	AR1254CCC500	PO110786.D	28 Apr 2025 10:02	YP/AJ	Ok
6	I.BLK	PO110787.D	28 Apr 2025 10:21	YP/AJ	Ok
7	Q1860-19DL	PO110788.D	28 Apr 2025 10:39	YP/AJ	Ok,M
8	Q1860-26DL	PO110789.D	28 Apr 2025 10:57	YP/AJ	Ok
9	Q1860-27DL	PO110790.D	28 Apr 2025 11:16	YP/AJ	Ok,M
10	Q1860-29DL	PO110791.D	28 Apr 2025 11:34	YP/AJ	Ok
11	Q1860-31DL	PO110792.D	28 Apr 2025 11:53	YP/AJ	Ok
12	Q1860-32DL	PO110793.D	28 Apr 2025 12:11	YP/AJ	Not Ok
13	Q1860-32DL	PO110794.D	28 Apr 2025 12:29	YP/AJ	Ok,M
14	Q1860-34DL	PO110795.D	28 Apr 2025 12:48	YP/AJ	Not Ok
15	Q1860-36DL	PO110796.D	28 Apr 2025 13:06	YP/AJ	Not Ok
16	Q1860-36DL	PO110797.D	28 Apr 2025 13:24	YP/AJ	Ok,M
17	AR1660CCC500	PO110798.D	28 Apr 2025 14:33	YP/AJ	Ok
18	AR1242CCC500	PO110799.D	28 Apr 2025 14:52	YP/AJ	Ok
19	AR1248CCC500	PO110800.D	28 Apr 2025 15:10	YP/AJ	Ok
20	AR1254CCC500	PO110801.D	28 Apr 2025 15:28	YP/AJ	Ok
21	I.BLK	PO110802.D	28 Apr 2025 15:47	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042825

Review By	yogesh	Review On	4/29/2025 11:07:05 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:30:39 AM		
SubDirectory	PO042825	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1893-01	PO110803.D	28 Apr 2025 16:05	YP/AJ	Ok,M
23	Q1893-02	PO110804.D	28 Apr 2025 16:23	YP/AJ	Ok
24	Q1860-38DL	PO110805.D	28 Apr 2025 16:41	YP/AJ	Dilution
25	Q1860-38DL2	PO110806.D	28 Apr 2025 16:59	YP/AJ	Ok
26	Q1860-39DL	PO110807.D	28 Apr 2025 17:17	YP/AJ	Ok,M
27	Q1860-40DL	PO110808.D	28 Apr 2025 17:36	YP/AJ	Ok,M
28	Q1860-41DL	PO110809.D	28 Apr 2025 17:53	YP/AJ	Dilution
29	Q1860-41DL2	PO110810.D	28 Apr 2025 18:12	YP/AJ	Ok,M
30	Q1875-07	PO110811.D	28 Apr 2025 18:30	YP/AJ	Ok
31	Q1861-01	PO110812.D	28 Apr 2025 18:48	YP/AJ	Ok
32	AR1660CCC500	PO110813.D	28 Apr 2025 19:58	YP/AJ	Ok
33	AR1242CCC500	PO110814.D	28 Apr 2025 20:34	YP/AJ	Ok
34	AR1248CCC500	PO110815.D	28 Apr 2025 20:53	YP/AJ	Ok
35	AR1254CCC500	PO110816.D	28 Apr 2025 21:11	YP/AJ	Ok
36	I.BLK	PO110817.D	28 Apr 2025 21:29	YP/AJ	Ok
37	PB167750BL	PO110818.D	28 Apr 2025 21:48	YP/AJ	Ok
38	Q1875-01	PO110819.D	28 Apr 2025 22:06	YP/AJ	Ok
39	Q1875-08	PO110820.D	28 Apr 2025 22:24	YP/AJ	Ok
40	Q1860-22	PO110821.D	28 Apr 2025 22:42	YP/AJ	Dilution
41	Q1860-23	PO110822.D	28 Apr 2025 23:00	YP/AJ	Dilution
42	Q1860-24	PO110823.D	28 Apr 2025 23:18	YP/AJ	Ok,M
43	Q1860-25	PO110824.D	28 Apr 2025 23:37	YP/AJ	Dilution
44	Q1874-05	PO110825.D	28 Apr 2025 23:54	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042825

Review By	yogesh	Review On	4/29/2025 11:07:05 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:30:39 AM		
SubDirectory	PO042825	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q1860-22DL	PO110826.D	29 Apr 2025 00:12	YP/AJ	Ok
46	Q1860-23DL	PO110827.D	29 Apr 2025 00:31	YP/AJ	Ok,M
47	AR1660CCC500	PO110828.D	29 Apr 2025 01:54	YP/AJ	Ok,M
48	AR1242CCC500	PO110829.D	29 Apr 2025 02:31	YP/AJ	Ok
49	AR1248CCC500	PO110830.D	29 Apr 2025 02:49	YP/AJ	Ok
50	AR1254CCC500	PO110831.D	29 Apr 2025 03:07	YP/AJ	Ok
51	I.BLK	PO110832.D	29 Apr 2025 03:26	YP/AJ	Ok
52	Q1896-01	PO110833.D	29 Apr 2025 03:44	YP/AJ	Ok
53	Q1900-01	PO110834.D	29 Apr 2025 04:02	YP/AJ	Ok,M
54	Q1900-05	PO110835.D	29 Apr 2025 04:21	YP/AJ	Ok
55	Q1900-09	PO110836.D	29 Apr 2025 04:39	YP/AJ	Ok
56	Q1860-25DL	PO110837.D	29 Apr 2025 04:57	YP/AJ	Ok,M
57	Q1860-37DL	PO110838.D	29 Apr 2025 05:16	YP/AJ	Dilution
58	Q1860-37DL2	PO110839.D	29 Apr 2025 05:34	YP/AJ	Ok
59	AR1660CCC500	PO110840.D	29 Apr 2025 06:57	YP/AJ	Ok,M
60	AR1242CCC500	PO110841.D	29 Apr 2025 07:34	YP/AJ	Ok
61	AR1248CCC500	PO110842.D	29 Apr 2025 07:53	YP/AJ	Ok
62	AR1254CCC500	PO110843.D	29 Apr 2025 08:11	YP/AJ	Ok
63	I.BLK	PO110844.D	29 Apr 2025 08:29	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO110845.D	29 Apr 2025 09:06	YP/AJ	Ok
2	AR1660CCC500	PO110846.D	29 Apr 2025 09:24	YP/AJ	Ok
3	AR1242CCC500	PO110847.D	29 Apr 2025 09:45	YP/AJ	Ok
4	AR1248CCC500	PO110848.D	29 Apr 2025 10:03	YP/AJ	Ok
5	AR1254CCC500	PO110849.D	29 Apr 2025 10:21	YP/AJ	Ok
6	I.BLK	PO110850.D	29 Apr 2025 10:40	YP/AJ	Ok
7	PB167765BL	PO110851.D	29 Apr 2025 10:58	YP/AJ	Not Ok
8	Q1889-01	PO110852.D	29 Apr 2025 11:16	YP/AJ	Ok
9	Q1889-01MS	PO110853.D	29 Apr 2025 11:35	YP/AJ	Ok
10	Q1889-01MSD	PO110854.D	29 Apr 2025 11:53	YP/AJ	Ok
11	Q1860-34DL	PO110855.D	29 Apr 2025 12:11	YP/AJ	Ok,M
12	Q1904-01	PO110856.D	29 Apr 2025 13:36	YP/AJ	Not Ok
13	Q1902-02	PO110857.D	29 Apr 2025 13:54	YP/AJ	Ok,M
14	Q1903-01	PO110858.D	29 Apr 2025 14:12	YP/AJ	Ok
15	Q1903-02	PO110859.D	29 Apr 2025 14:31	YP/AJ	Ok
16	Q1903-03	PO110860.D	29 Apr 2025 14:49	YP/AJ	Ok
17	AR1660CCC500	PO110861.D	29 Apr 2025 15:58	YP/AJ	Ok
18	AR1242CCC500	PO110862.D	29 Apr 2025 16:35	YP/AJ	Ok
19	AR1248CCC500	PO110863.D	29 Apr 2025 16:53	YP/AJ	Ok
20	AR1254CCC500	PO110864.D	29 Apr 2025 17:11	YP/AJ	Ok
21	I.BLK	PO110865.D	29 Apr 2025 17:29	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1904-01	PO110866.D	29 Apr 2025 17:48	YP/AJ	Ok
23	Q1904-01MS	PO110867.D	29 Apr 2025 18:05	YP/AJ	Ok
24	Q1904-01MSD	PO110868.D	29 Apr 2025 18:23	YP/AJ	Ok
25	Q1906-01	PO110869.D	29 Apr 2025 18:42	YP/AJ	Ok
26	Q1906-05	PO110870.D	29 Apr 2025 19:00	YP/AJ	Ok
27	Q1906-09	PO110871.D	29 Apr 2025 19:19	YP/AJ	Ok,M
28	Q1906-13	PO110872.D	29 Apr 2025 19:37	YP/AJ	Ok
29	Q1897-01	PO110873.D	29 Apr 2025 19:55	YP/AJ	Ok,M
30	Q1901-06	PO110874.D	29 Apr 2025 20:14	YP/AJ	Ok
31	Q1897-02	PO110875.D	29 Apr 2025 20:32	YP/AJ	Ok,M
32	AR1660CCC500	PO110876.D	29 Apr 2025 22:00	YP/AJ	Ok
33	AR1242CCC500	PO110877.D	29 Apr 2025 22:36	YP/AJ	Ok
34	AR1248CCC500	PO110878.D	29 Apr 2025 22:55	YP/AJ	Ok
35	AR1254CCC500	PO110879.D	29 Apr 2025 23:13	YP/AJ	Ok
36	I.BLK	PO110880.D	29 Apr 2025 23:31	YP/AJ	Ok
37	PB167790BL	PO110881.D	29 Apr 2025 23:50	YP/AJ	Ok
38	PB167790BS	PO110882.D	30 Apr 2025 00:08	YP/AJ	Ok
39	Q1909-01	PO110883.D	30 Apr 2025 00:26	YP/AJ	Ok,M
40	Q1909-02	PO110884.D	30 Apr 2025 00:45	YP/AJ	Ok,M
41	AR1660CCC500	PO110885.D	30 Apr 2025 02:11	YP/AJ	Ok
42	AR1242CCC500	PO110886.D	30 Apr 2025 02:48	YP/AJ	Ok
43	AR1248CCC500	PO110887.D	30 Apr 2025 03:06	YP/AJ	Ok
44	AR1254CCC500	PO110888.D	30 Apr 2025 03:25	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	I.BLK	PO110889.D	30 Apr 2025 03:43	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071387.D	22 Apr 2025 09:56	YP\AJ	Ok
2	I.BLK	PP071388.D	22 Apr 2025 10:13	YP\AJ	Ok
3	AR1660ICC1000	PP071389.D	22 Apr 2025 10:29	YP\AJ	Ok
4	AR1660ICC750	PP071390.D	22 Apr 2025 10:45	YP\AJ	Ok
5	AR1660ICC500	PP071391.D	22 Apr 2025 11:02	YP\AJ	Ok
6	AR1660ICC250	PP071392.D	22 Apr 2025 11:18	YP\AJ	Ok
7	AR1660ICC050	PP071393.D	22 Apr 2025 11:34	YP\AJ	Ok,M
8	AR1221ICC500	PP071394.D	22 Apr 2025 11:51	YP\AJ	Ok
9	AR1232ICC500	PP071395.D	22 Apr 2025 12:07	YP\AJ	Ok
10	AR1242ICC1000	PP071396.D	22 Apr 2025 12:23	YP\AJ	Ok
11	AR1242ICC750	PP071397.D	22 Apr 2025 12:39	YP\AJ	Ok
12	AR1242ICC500	PP071398.D	22 Apr 2025 12:56	YP\AJ	Ok
13	AR1242ICC250	PP071399.D	22 Apr 2025 13:12	YP\AJ	Ok
14	AR1242ICC050	PP071400.D	22 Apr 2025 13:28	YP\AJ	Ok
15	AR1248ICC1000	PP071401.D	22 Apr 2025 13:45	YP\AJ	Ok
16	AR1248ICC750	PP071402.D	22 Apr 2025 14:01	YP\AJ	Ok
17	AR1248ICC500	PP071403.D	22 Apr 2025 14:17	YP\AJ	Ok
18	AR1248ICC250	PP071404.D	22 Apr 2025 14:33	YP\AJ	Ok
19	AR1248ICC050	PP071405.D	22 Apr 2025 14:50	YP\AJ	Ok
20	AR1254ICC1000	PP071406.D	22 Apr 2025 15:06	YP\AJ	Ok
21	AR1254ICC750	PP071407.D	22 Apr 2025 15:22	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP071408.D	22 Apr 2025 15:38	YP\AJ	Ok
23	AR1254ICC250	PP071409.D	22 Apr 2025 15:55	YP\AJ	Ok
24	AR1254ICC050	PP071410.D	22 Apr 2025 16:11	YP\AJ	Ok,M
25	AR1262ICC500	PP071411.D	22 Apr 2025 16:27	YP\AJ	Ok
26	AR1268ICC1000	PP071412.D	22 Apr 2025 16:44	YP\AJ	Ok,M
27	AR1268ICC750	PP071413.D	22 Apr 2025 17:00	YP\AJ	Ok,M
28	AR1268ICC500	PP071414.D	22 Apr 2025 17:16	YP\AJ	Ok,M
29	AR1268ICC250	PP071415.D	22 Apr 2025 17:33	YP\AJ	Ok,M
30	AR1268ICC050	PP071416.D	22 Apr 2025 17:49	YP\AJ	Ok,M
31	PP042225ICV500	PP071417.D	22 Apr 2025 18:05	YP\AJ	Ok
32	AR1242ICV500	PP071418.D	22 Apr 2025 18:38	YP\AJ	Ok
33	AR1248ICV500	PP071419.D	22 Apr 2025 19:27	YP\AJ	Ok
34	AR1254ICV500	PP071420.D	22 Apr 2025 19:43	YP\AJ	Ok
35	AR1268ICV500	PP071421.D	22 Apr 2025 20:16	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042425

Review By	yogesh	Review On	4/24/2025 12:15:27 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:18:47 AM		
SubDirectory	PP042425	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071422.D	24 Apr 2025 09:06	YP\AJ	Ok
2	AR1660CCC500	PP071423.D	24 Apr 2025 09:22	YP\AJ	Ok
3	AR1242CCC500	PP071424.D	24 Apr 2025 09:38	YP\AJ	Ok
4	AR1248CCC500	PP071425.D	24 Apr 2025 09:55	YP\AJ	Ok
5	AR1254CCC500	PP071426.D	24 Apr 2025 10:11	YP\AJ	Ok,M
6	I.BLK	PP071427.D	24 Apr 2025 10:27	YP\AJ	Ok
7	PB167721BL	PP071428.D	24 Apr 2025 12:58	YP\AJ	Ok
8	PB167721BS	PP071429.D	24 Apr 2025 13:14	YP\AJ	Ok
9	Q1860-01	PP071430.D	24 Apr 2025 13:30	YP\AJ	Ok,M
10	Q1860-02MS	PP071431.D	24 Apr 2025 13:47	YP\AJ	Ok,M
11	Q1860-03MSD	PP071432.D	24 Apr 2025 14:03	YP\AJ	Ok,M
12	Q1860-04	PP071433.D	24 Apr 2025 14:19	YP\AJ	Ok,M
13	Q1860-08	PP071434.D	24 Apr 2025 14:35	YP\AJ	Ok,M
14	Q1860-09	PP071435.D	24 Apr 2025 14:52	YP\AJ	Not Ok
15	Q1860-10	PP071436.D	24 Apr 2025 15:08	YP\AJ	Dilution
16	Q1860-11	PP071437.D	24 Apr 2025 15:25	YP\AJ	Dilution
17	AR1660CCC500	PP071438.D	24 Apr 2025 17:02	YP\AJ	Ok
18	AR1242CCC500	PP071439.D	24 Apr 2025 17:35	YP\AJ	Ok
19	AR1248CCC500	PP071440.D	24 Apr 2025 17:51	YP\AJ	Ok
20	AR1254CCC500	PP071441.D	24 Apr 2025 18:08	YP\AJ	Ok
21	I.BLK	PP071442.D	24 Apr 2025 18:24	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042425

Review By	yogesh	Review On	4/24/2025 12:15:27 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:18:47 AM		
SubDirectory	PP042425	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1867-01	PP071443.D	24 Apr 2025 18:40	YP\AJ	Dilution
23	Q1867-01MS	PP071444.D	24 Apr 2025 18:56	YP\AJ	Ok
24	Q1867-01MSD	PP071445.D	24 Apr 2025 19:13	YP\AJ	Ok
25	Q1867-03	PP071446.D	24 Apr 2025 19:29	YP\AJ	Ok,M
26	Q1860-10DL	PP071447.D	24 Apr 2025 19:45	YP\AJ	Ok,M
27	Q1860-10DL2	PP071448.D	24 Apr 2025 20:01	YP\AJ	Not Ok
28	Q1860-11DL	PP071449.D	24 Apr 2025 20:18	YP\AJ	Ok,M
29	AR1660CCC500	PP071450.D	24 Apr 2025 22:12	YP\AJ	Ok
30	AR1242CCC500	PP071451.D	24 Apr 2025 22:44	YP\AJ	Ok
31	AR1248CCC500	PP071452.D	24 Apr 2025 23:01	YP\AJ	Ok
32	AR1254CCC500	PP071453.D	24 Apr 2025 23:17	YP\AJ	Ok
33	I.BLK	PP071454.D	24 Apr 2025 23:33	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042825

Review By	yogesh	Review On	4/28/2025 11:52:03 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:36:20 AM		
SubDirectory	PP042825	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071527.D	28 Apr 2025 08:12	YP\AJ	Ok
2	AR1660CCC500	PP071528.D	28 Apr 2025 08:28	YP\AJ	Ok
3	AR1242CCC500	PP071529.D	28 Apr 2025 08:47	YP\AJ	Ok
4	AR1248CCC500	PP071530.D	28 Apr 2025 09:03	YP\AJ	Ok
5	AR1254CCC500	PP071531.D	28 Apr 2025 09:20	YP\AJ	Ok
6	I.BLK	PP071532.D	28 Apr 2025 09:36	YP\AJ	Ok
7	PB167737BL	PP071533.D	28 Apr 2025 09:53	YP\AJ	Ok
8	PB167750BL	PP071534.D	28 Apr 2025 10:10	YP\AJ	Ok
9	PB167741BS	PP071535.D	28 Apr 2025 10:26	YP\AJ	Ok
10	Q1860-33	PP071536.D	28 Apr 2025 10:43	YP\AJ	Ok,M
11	Q1860-35	PP071537.D	28 Apr 2025 10:59	YP\AJ	Dilution
12	Q1875-04	PP071538.D	28 Apr 2025 11:16	YP\AJ	Ok
13	Q1860-42	PP071539.D	28 Apr 2025 11:32	YP\AJ	Ok,M
14	Q1876-04DL	PP071540.D	28 Apr 2025 11:48	YP\AJ	Ok,M
15	Q1876-09DL	PP071541.D	28 Apr 2025 12:04	YP\AJ	Ok,M
16	AR1660CCC500	PP071542.D	28 Apr 2025 12:53	YP\AJ	Ok
17	AR1242CCC500	PP071543.D	28 Apr 2025 13:09	YP\AJ	Ok
18	AR1248CCC500	PP071544.D	28 Apr 2025 13:26	YP\AJ	Ok
19	AR1254CCC500	PP071545.D	28 Apr 2025 13:42	YP\AJ	Ok,M
20	I.BLK	PP071546.D	28 Apr 2025 13:58	YP\AJ	Ok
21	Q1893-03	PP071547.D	28 Apr 2025 14:14	YP\AJ	Dilution

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042825

Review By	yogesh	Review On	4/28/2025 11:52:03 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:36:20 AM		
SubDirectory	PP042825	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1893-04	PP071548.D	28 Apr 2025 14:31	YP\AJ	Ok,M
23	Q1893-05	PP071549.D	28 Apr 2025 14:47	YP\AJ	Dilution
24	Q1893-06	PP071550.D	28 Apr 2025 15:03	YP\AJ	Ok,M
25	Q1893-07	PP071551.D	28 Apr 2025 15:19	YP\AJ	Dilution
26	Q1893-03DL	PP071552.D	28 Apr 2025 15:35	YP\AJ	Ok
27	Q1893-05DL	PP071553.D	28 Apr 2025 15:52	YP\AJ	Ok
28	Q1893-07DL	PP071554.D	28 Apr 2025 16:08	YP\AJ	Ok
29	Q1898-01	PP071555.D	28 Apr 2025 16:41	YP\AJ	Ok,M
30	Q1898-02	PP071556.D	28 Apr 2025 16:58	YP\AJ	Ok
31	AR1660CCC500	PP071557.D	28 Apr 2025 18:03	YP\AJ	Ok
32	AR1242CCC500	PP071558.D	28 Apr 2025 18:36	YP\AJ	Ok
33	AR1248CCC500	PP071559.D	28 Apr 2025 18:53	YP\AJ	Ok
34	AR1254CCC500	PP071560.D	28 Apr 2025 19:09	YP\AJ	Ok,M
35	I.BLK	PP071561.D	28 Apr 2025 19:25	YP\AJ	Ok
36	PB167754BL	PP071562.D	28 Apr 2025 19:42	YP\AJ	Ok
37	PB167754BS	PP071563.D	28 Apr 2025 19:58	YP\AJ	Ok
38	PB167765BL	PP071564.D	28 Apr 2025 20:15	YP\AJ	Ok
39	PB167765BS	PP071565.D	28 Apr 2025 20:31	YP\AJ	Ok
40	Q1884-01	PP071566.D	28 Apr 2025 20:47	YP\AJ	Dilution
41	Q1884-02	PP071567.D	28 Apr 2025 21:04	YP\AJ	Dilution
42	Q1889-01	PP071568.D	28 Apr 2025 21:20	YP\AJ	Not Ok
43	Q1889-01MS	PP071569.D	28 Apr 2025 21:36	YP\AJ	Not Ok
44	Q1889-01MSD	PP071570.D	28 Apr 2025 21:53	YP\AJ	Not Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042825

Review By	yogesh	Review On	4/28/2025 11:52:03 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:36:20 AM		
SubDirectory	PP042825	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q1889-02	PP071571.D	28 Apr 2025 22:09	YP\AJ	Ok
46	AR1660CCC500	PP071572.D	28 Apr 2025 23:31	YP\AJ	Ok
47	AR1242CCC500	PP071573.D	29 Apr 2025 00:03	YP\AJ	Ok
48	AR1248CCC500	PP071574.D	29 Apr 2025 00:20	YP\AJ	Ok
49	AR1254CCC500	PP071575.D	29 Apr 2025 00:36	YP\AJ	Ok,M
50	I.BLK	PP071576.D	29 Apr 2025 00:52	YP\AJ	Ok
51	Q1889-03	PP071577.D	29 Apr 2025 01:09	YP\AJ	Ok
52	Q1891-01	PP071578.D	29 Apr 2025 01:25	YP\AJ	Ok,M
53	Q1891-05	PP071579.D	29 Apr 2025 01:42	YP\AJ	Ok,M
54	Q1892-01	PP071580.D	29 Apr 2025 01:58	YP\AJ	Ok
55	Q1892-05	PP071581.D	29 Apr 2025 02:14	YP\AJ	Ok
56	Q1892-09	PP071582.D	29 Apr 2025 02:31	YP\AJ	Ok
57	Q1895-01	PP071583.D	29 Apr 2025 02:47	YP\AJ	Ok
58	Q1895-03	PP071584.D	29 Apr 2025 03:03	YP\AJ	Ok
59	Q1895-05	PP071585.D	29 Apr 2025 03:20	YP\AJ	Ok,M
60	Q1898-04	PP071586.D	29 Apr 2025 03:36	YP\AJ	Ok
61	AR1660CCC500	PP071587.D	29 Apr 2025 04:58	YP\AJ	Ok
62	AR1242CCC500	PP071588.D	29 Apr 2025 05:31	YP\AJ	Ok
63	AR1248CCC500	PP071589.D	29 Apr 2025 05:47	YP\AJ	Ok
64	AR1254CCC500	PP071590.D	29 Apr 2025 06:03	YP\AJ	Ok
65	I.BLK	PP071591.D	29 Apr 2025 06:20	YP\AJ	Ok
66	Q1898-03	PP071592.D	29 Apr 2025 06:36	YP\AJ	Ok
67	AR1660CCC500	PP071593.D	29 Apr 2025 07:58	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042825

Review By	yogesh	Review On	4/28/2025 11:52:03 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:36:20 AM		
SubDirectory	PP042825	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

68	AR1242CCC500	PP071594.D	29 Apr 2025 08:31	YP\AJ	Ok
69	AR1248CCC500	PP071595.D	29 Apr 2025 08:47	YP\AJ	Ok
70	AR1254CCC500	PP071596.D	29 Apr 2025 09:04	YP\AJ	Ok,M
71	I.BLK	PP071597.D	29 Apr 2025 09:20	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042925

Review By	yogesh	Review On	4/29/2025 11:08:35 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:54:00 AM		
SubDirectory	PP042925	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071598.D	29 Apr 2025 10:16	YP\AJ	Ok
2	AR1660CCC500	PP071599.D	29 Apr 2025 10:33	YP\AJ	Ok
3	AR1242CCC500	PP071600.D	29 Apr 2025 10:51	YP\AJ	Ok
4	AR1248CCC500	PP071601.D	29 Apr 2025 11:07	YP\AJ	Ok
5	AR1254CCC500	PP071602.D	29 Apr 2025 11:24	YP\AJ	Ok
6	I.BLK	PP071603.D	29 Apr 2025 11:40	YP\AJ	Ok
7	Q1860-35DL	PP071604.D	29 Apr 2025 11:56	YP\AJ	Ok,M
8	Q1884-01DL	PP071605.D	29 Apr 2025 12:12	YP\AJ	Ok,M
9	Q1884-02DL	PP071606.D	29 Apr 2025 12:29	YP\AJ	Ok,M
10	PB167776BL	PP071607.D	29 Apr 2025 13:30	YP\AJ	Ok
11	PB167776BS	PP071608.D	29 Apr 2025 13:46	YP\AJ	Ok
12	Q1883-01	PP071609.D	29 Apr 2025 14:02	YP\AJ	Ok,M
13	Q1883-03	PP071610.D	29 Apr 2025 14:19	YP\AJ	Ok
14	Q1883-05	PP071611.D	29 Apr 2025 14:35	YP\AJ	Ok
15	Q1883-07	PP071612.D	29 Apr 2025 14:51	YP\AJ	Ok
16	Q1883-09	PP071613.D	29 Apr 2025 15:08	YP\AJ	Ok
17	AR1660CCC500	PP071614.D	29 Apr 2025 16:29	YP\AJ	Ok
18	AR1242CCC500	PP071615.D	29 Apr 2025 17:02	YP\AJ	Ok
19	AR1248CCC500	PP071616.D	29 Apr 2025 17:18	YP\AJ	Ok
20	AR1254CCC500	PP071617.D	29 Apr 2025 17:34	YP\AJ	Ok
21	I.BLK	PP071618.D	29 Apr 2025 17:51	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042925

Review By	yogesh	Review On	4/29/2025 11:08:35 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:54:00 AM		
SubDirectory	PP042925	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1883-11	PP071619.D	29 Apr 2025 18:07	YP\AJ	Ok
23	Q1883-13	PP071620.D	29 Apr 2025 18:23	YP\AJ	Ok
24	Q1883-15	PP071621.D	29 Apr 2025 18:40	YP\AJ	Ok
25	Q1901-02	PP071622.D	29 Apr 2025 18:56	YP\AJ	Ok,M
26	Q1901-04	PP071623.D	29 Apr 2025 19:12	YP\AJ	Ok
27	PB167782BL	PP071624.D	29 Apr 2025 19:29	YP\AJ	Ok
28	PB167782BS	PP071625.D	29 Apr 2025 19:45	YP\AJ	Ok
29	PB167782BSD	PP071626.D	29 Apr 2025 20:01	YP\AJ	Ok
30	Q1890-01	PP071627.D	29 Apr 2025 20:18	YP\AJ	Ok
31	Q1896-03	PP071628.D	29 Apr 2025 20:34	YP\AJ	Ok,M
32	AR1660CCC500	PP071629.D	29 Apr 2025 21:55	YP\AJ	Ok
33	AR1242CCC500	PP071630.D	29 Apr 2025 22:28	YP\AJ	Ok
34	AR1248CCC500	PP071631.D	29 Apr 2025 22:44	YP\AJ	Ok
35	AR1254CCC500	PP071632.D	29 Apr 2025 23:01	YP\AJ	Ok,M
36	I.BLK	PP071633.D	29 Apr 2025 23:17	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP043025

Review By	yogesh	Review On	4/30/2025 11:33:57 AM		
Supervise By	mohammad	Supervise On	5/2/2025 3:18:29 AM		
SubDirectory	PP043025	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071634.D	30 Apr 2025 08:51	YP\AJ	Ok
2	AR1660CCC500	PP071635.D	30 Apr 2025 09:07	YP\AJ	Ok
3	AR1242CCC500	PP071636.D	30 Apr 2025 09:28	YP\AJ	Ok
4	AR1248CCC500	PP071637.D	30 Apr 2025 09:45	YP\AJ	Ok
5	AR1254CCC500	PP071638.D	30 Apr 2025 10:01	YP\AJ	Ok,M
6	I.BLK	PP071639.D	30 Apr 2025 10:17	YP\AJ	Ok
7	Q1867-01DL	PP071640.D	30 Apr 2025 11:09	YP\AJ	Ok,M
8	PB167794BL	PP071641.D	30 Apr 2025 12:39	YP\AJ	Ok
9	PB167794BS	PP071642.D	30 Apr 2025 12:56	YP\AJ	Ok
10	Q1901-03	PP071643.D	30 Apr 2025 13:12	YP\AJ	Ok,M
11	Q1905-01	PP071644.D	30 Apr 2025 13:28	YP\AJ	Ok,M
12	Q1860-09	PP071645.D	30 Apr 2025 13:44	YP\AJ	Dilution
13	Q1860-09DL	PP071646.D	30 Apr 2025 14:01	YP\AJ	Ok,M
14	Q1910-01	PP071647.D	30 Apr 2025 14:33	YP\AJ	Ok,M
15	Q1910-01MS	PP071648.D	30 Apr 2025 14:49	YP\AJ	Ok,M
16	Q1910-01MSD	PP071649.D	30 Apr 2025 15:05	YP\AJ	Ok,M
17	AR1660CCC500	PP071650.D	30 Apr 2025 16:11	YP\AJ	Ok
18	AR1242CCC500	PP071651.D	30 Apr 2025 16:27	YP\AJ	Ok
19	AR1248CCC500	PP071652.D	30 Apr 2025 16:43	YP\AJ	Ok
20	AR1254CCC500	PP071653.D	30 Apr 2025 17:00	YP\AJ	Ok,M
21	I.BLK	PP071654.D	30 Apr 2025 17:16	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP043025

Review By	yogesh	Review On	4/30/2025 11:33:57 AM		
Supervise By	mohammad	Supervise On	5/2/2025 3:18:29 AM		
SubDirectory	PP043025	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1911-01	PP071655.D	30 Apr 2025 17:33	YP\AJ	Ok,M
23	Q1912-01	PP071656.D	30 Apr 2025 17:49	YP\AJ	Ok,M
24	Q1912-05	PP071657.D	30 Apr 2025 18:06	YP\AJ	Ok,M
25	Q1905-05	PP071658.D	30 Apr 2025 18:22	YP\AJ	Ok,M
26	Q1907-01	PP071659.D	30 Apr 2025 18:38	YP\AJ	Ok,M
27	Q1921-01	PP071660.D	30 Apr 2025 18:55	YP\AJ	Ok,M
28	Q1921-02	PP071661.D	30 Apr 2025 19:11	YP\AJ	Ok,M
29	Q1921-03	PP071662.D	30 Apr 2025 19:27	YP\AJ	Ok,M
30	Q1921-04	PP071663.D	30 Apr 2025 19:44	YP\AJ	Ok,M
31	Q1921-05	PP071664.D	30 Apr 2025 20:00	YP\AJ	Ok,M
32	AR1660CCC500	PP071665.D	30 Apr 2025 21:38	YP\AJ	Ok
33	AR1242CCC500	PP071666.D	30 Apr 2025 22:11	YP\AJ	Ok
34	AR1248CCC500	PP071667.D	30 Apr 2025 22:27	YP\AJ	Ok
35	AR1254CCC500	PP071668.D	30 Apr 2025 22:44	YP\AJ	Ok,M
36	I.BLK	PP071669.D	30 Apr 2025 23:00	YP\AJ	Ok,M
37	PB167809BL	PP071670.D	30 Apr 2025 23:16	YP\AJ	Ok
38	PB167809BS	PP071671.D	30 Apr 2025 23:33	YP\AJ	Ok
39	Q1921-06	PP071672.D	30 Apr 2025 23:49	YP\AJ	Ok
40	Q1921-07	PP071673.D	01 May 2025 00:05	YP\AJ	Ok,M
41	Q1921-08	PP071674.D	01 May 2025 00:22	YP\AJ	Ok,M
42	AR1660CCC500	PP071675.D	01 May 2025 02:00	YP\AJ	Ok
43	AR1242CCC500	PP071676.D	01 May 2025 02:49	YP\AJ	Ok,M
44	AR1248CCC500	PP071677.D	01 May 2025 03:05	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP043025

Review By	yogesh	Review On	4/30/2025 11:33:57 AM		
Supervise By	mohammad	Supervise On	5/2/2025 3:18:29 AM		
SubDirectory	PP043025	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	AR1254CCC500	PP071678.D	01 May 2025 03:21	YP\AJ	Ok,M
46	I.BLK	PP071679.D	01 May 2025 03:38	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO041025

Review By	yogesh	Review On	4/10/2025 11:27:35 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:40:29 AM		
SubDirectory	PO041025	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO110347.D	10 Apr 2025 08:59		YP/AJ	Ok
2	I.BLK	I.BLK	PO110348.D	10 Apr 2025 09:17		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO110349.D	10 Apr 2025 09:36		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO110350.D	10 Apr 2025 09:54		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO110351.D	10 Apr 2025 10:13		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO110352.D	10 Apr 2025 10:31		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO110353.D	10 Apr 2025 10:49		YP/AJ	Ok
8	AR1221ICC500	AR1221ICC500	PO110354.D	10 Apr 2025 11:08		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO110355.D	10 Apr 2025 11:26		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO110356.D	10 Apr 2025 11:44		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO110357.D	10 Apr 2025 12:03		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO110358.D	10 Apr 2025 12:21		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO110359.D	10 Apr 2025 12:39		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO110360.D	10 Apr 2025 12:58		YP/AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PO110361.D	10 Apr 2025 13:16		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO110362.D	10 Apr 2025 13:35		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO110363.D	10 Apr 2025 13:53		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO110364.D	10 Apr 2025 14:11		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO041025

Review By	yogesh	Review On	4/10/2025 11:27:35 AM		
Supervise By	mohammad	Supervise On	4/14/2025 12:40:29 AM		
SubDirectory	PO041025	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO110365.D	10 Apr 2025 14:30		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO110366.D	10 Apr 2025 14:48		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO110367.D	10 Apr 2025 15:06		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO110368.D	10 Apr 2025 15:25		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO110369.D	10 Apr 2025 15:43		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO110370.D	10 Apr 2025 16:02		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO110371.D	10 Apr 2025 16:20		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO110372.D	10 Apr 2025 16:38		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO110373.D	10 Apr 2025 16:57		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO110374.D	10 Apr 2025 17:15		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO110375.D	10 Apr 2025 17:33		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO110376.D	10 Apr 2025 17:52		YP/AJ	Ok
31	PO041025ICV500	ICVPO041025	PO110377.D	10 Apr 2025 18:09		YP/AJ	Ok
32	AR1242ICV500	ICVPO041025AR1242	PO110378.D	10 Apr 2025 18:46		YP/AJ	Ok
33	AR1248ICV500	ICVPO041025AR1248	PO110379.D	10 Apr 2025 19:22		YP/AJ	Ok
34	AR1254ICV500	ICVPO041025AR1254	PO110380.D	10 Apr 2025 19:58		YP/AJ	Ok
35	AR1268ICV500	ICVPO041025AR1268	PO110381.D	10 Apr 2025 20:35		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042425

Review By	yogesh	Review On	4/24/2025 12:16:32 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:18:54 AM		
SubDirectory	PO042425	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO110672.D	24 Apr 2025 09:33		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO110673.D	24 Apr 2025 10:09		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO110674.D	24 Apr 2025 10:34		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO110675.D	24 Apr 2025 10:53		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO110676.D	24 Apr 2025 11:11		YP/AJ	Ok
6	I.BLK	I.BLK	PO110677.D	24 Apr 2025 11:29		YP/AJ	Ok
7	Q1860-05	P001-SS002-02	PO110678.D	24 Apr 2025 13:01	AR1254 Hit	YP/AJ	Ok,M
8	Q1860-06	P001-SS003-01	PO110679.D	24 Apr 2025 13:19	AR1254 + AR1260 Hit	YP/AJ	Ok
9	Q1860-07	P001-SS004-01	PO110680.D	24 Apr 2025 13:37	AR1254 + AR1260 Hit	YP/AJ	Ok
10	Q1860-12	P001-SS009-01	PO110681.D	24 Apr 2025 13:56	AR1248 + AR1254 Hit, Need 100X Dilution, DCB High in both column,	YP/AJ	Dilution
11	Q1860-13	P001-SS010-01	PO110682.D	24 Apr 2025 14:14	May possible carryover	YP/AJ	Not Ok
12	Q1860-14	P001-SS011-01	PO110683.D	24 Apr 2025 14:32	AR1248 + AR1254 Hit,	YP/AJ	Ok,M
13	Q1860-15	P001-SS012-01	PO110684.D	24 Apr 2025 14:51	AR1248 + AR1254 Hit, Need 25X Dilution, DCB High in both column	YP/AJ	Dilution
14	Q1860-16	P001-SS013-01	PO110685.D	24 Apr 2025 15:09	AR1248 + AR1254 Hit, Need 25X Dilution	YP/AJ	Dilution
15	Q1860-17	P001-SS014-01	PO110686.D	24 Apr 2025 15:27	AR1248 + AR1254 Hit,	YP/AJ	Ok,M
16	Q1860-18	P001-SS015-01	PO110687.D	24 Apr 2025 15:46	AR1248 + AR1254 Hit,	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042425

Review By	yogesh	Review On	4/24/2025 12:16:32 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:18:54 AM		
SubDirectory	PO042425	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	AR1660CCC500	AR1660CCC500	PO110688.D	24 Apr 2025 17:22		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO110689.D	24 Apr 2025 17:59		YP/AJ	Ok
19	AR1248CCC500	AR1248CCC500	PO110690.D	24 Apr 2025 18:17		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO110691.D	24 Apr 2025 18:36		YP/AJ	Ok
21	I.BLK	I.BLK	PO110692.D	24 Apr 2025 18:54		YP/AJ	Ok
22	PB167719BL	PB167719BL	PO110693.D	24 Apr 2025 19:13	Contamination	YP/AJ	Not Ok
23	PB167719BS	PB167719BS	PO110694.D	24 Apr 2025 19:31		YP/AJ	Ok
24	Q1860-22	P001-SS017-01	PO110695.D	24 Apr 2025 19:49	AR1248 + AR1254 Hit,	YP/AJ	Not Ok
25	Q1860-23	P001-SS017-02	PO110696.D	24 Apr 2025 20:08	AR1248 + AR1254 Hit,	YP/AJ	Not Ok
26	Q1860-24	P001-SS018-01	PO110697.D	24 Apr 2025 20:26	AR1254 Hit,	YP/AJ	Not Ok
27	Q1860-25	P001-SS019-01	PO110698.D	24 Apr 2025 20:44	AR1254 + AR1260 Hit,	YP/AJ	Not Ok
28	Q1865-02	COMP-2	PO110699.D	24 Apr 2025 21:03		YP/AJ	Ok,M
29	Q1865-03	COMP-3	PO110700.D	24 Apr 2025 21:21		YP/AJ	Ok
30	Q1865-04	COMP-4	PO110701.D	24 Apr 2025 21:39		YP/AJ	Ok
31	Q1865-01	COMP-1	PO110702.D	24 Apr 2025 21:57		YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO110703.D	24 Apr 2025 23:35		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO110704.D	25 Apr 2025 00:30		YP/AJ	Ok
34	AR1248CCC500	AR1248CCC500	PO110705.D	25 Apr 2025 00:48		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO110706.D	25 Apr 2025 01:07		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042425

Review By	yogesh	Review On	4/24/2025 12:16:32 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:18:54 AM		
SubDirectory	PO042425	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	I.BLK	I.BLK	PO110707.D	25 Apr 2025 01:25		YP/AJ	Ok
37	Q1860-13	P001-SS010-01	PO110708.D	25 Apr 2025 01:43	AR1254 + AR1260 Hit	YP/AJ	Ok,M
38	Q1860-12DL	P001-SS009-01DL	PO110709.D	25 Apr 2025 02:02	AR1248 + AR1254 Hit	YP/AJ	Ok,M
39	Q1860-15DL	P001-SS012-01DL	PO110710.D	25 Apr 2025 02:20	AR1248 + AR1254 Hit, DCB High in both column	YP/AJ	Ok,M
40	Q1860-15DL2	P001-SS012-01DL2	PO110711.D	25 Apr 2025 02:38	AR1248 + AR1254 Hit,	YP/AJ	Not Ok
41	Q1860-16DL	P001-SS013-01DL	PO110712.D	25 Apr 2025 02:57	AR1248 + AR1254 Hit, DCB High in 2nd column	YP/AJ	Ok,M
42	Q1860-16DL2	P001-SS013-01DL2	PO110713.D	25 Apr 2025 03:15	AR1248 + AR1254 Hit,	YP/AJ	Not Ok
43	AR1660CCC500	AR1660CCC500	PO110714.D	25 Apr 2025 04:38		YP/AJ	Ok,M
44	AR1242CCC500	AR1242CCC500	PO110715.D	25 Apr 2025 05:33		YP/AJ	Ok
45	AR1248CCC500	AR1248CCC500	PO110716.D	25 Apr 2025 05:51		YP/AJ	Ok
46	AR1254CCC500	AR1254CCC500	PO110717.D	25 Apr 2025 06:10		YP/AJ	Ok
47	I.BLK	I.BLK	PO110718.D	25 Apr 2025 06:28		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042525

Review By	yogesh	Review On	4/25/2025 12:46:37 PM		
Supervise By	mohammad	Supervise On	5/2/2025 2:20:23 AM		
SubDirectory	PO042525	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO110719.D	25 Apr 2025 09:05		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO110720.D	25 Apr 2025 09:24		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO110721.D	25 Apr 2025 10:19		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO110722.D	25 Apr 2025 10:37		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO110723.D	25 Apr 2025 10:56		YP/AJ	Ok
6	I.BLK	I.BLK	PO110724.D	25 Apr 2025 11:14		YP/AJ	Ok
7	PB167737BL	PB167737BL	PO110725.D	25 Apr 2025 11:54	reanalyzed with cleanup	YP/AJ	Not Ok
8	PB167737BS	PB167737BS	PO110726.D	25 Apr 2025 12:13		YP/AJ	Ok
9	Q1860-19	P001-SS016-01	PO110727.D	25 Apr 2025 12:31	AR1248 + AR1254 Hit, Need 4X Dilution	YP/AJ	Dilution
10	Q1860-20MS	P001-SS016-01MS	PO110728.D	25 Apr 2025 12:49	1016 & 1260 Recovery High	YP/AJ	Ok,M
11	Q1860-21MSD	P001-SS016-01MSD	PO110729.D	25 Apr 2025 13:08	1016 & 1260 Recovery High	YP/AJ	Ok,M
12	Q1860-26	P001-SS020-01	PO110730.D	25 Apr 2025 13:26	AR1254 Hit, Need Dilution	YP/AJ	Dilution
13	Q1860-27	P001-SS021-01	PO110731.D	25 Apr 2025 13:44	AR1254 Hit, Need Dilution, DCB High in both column	YP/AJ	Dilution
14	Q1860-28	P001-SS022-01	PO110732.D	25 Apr 2025 14:03	AR1254 Hit,	YP/AJ	Ok
15	Q1860-29	P001-SS023-01	PO110733.D	25 Apr 2025 14:21	AR1254 Hit, Need Dilution	YP/AJ	Dilution
16	Q1860-30	P001-SS024-01	PO110734.D	25 Apr 2025 14:39	AR1254 Hit,	YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO110735.D	25 Apr 2025 16:18		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042525

Review By	yogesh	Review On	4/25/2025 12:46:37 PM		
Supervise By	mohammad	Supervise On	5/2/2025 2:20:23 AM		
SubDirectory	PO042525	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1242CCC500	AR1242CCC500	PO110736.D	25 Apr 2025 16:54		YP/AJ	Ok
19	AR1248CCC500	AR1248CCC500	PO110737.D	25 Apr 2025 17:13		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO110738.D	25 Apr 2025 17:31		YP/AJ	Ok
21	I.BLK	I.BLK	PO110739.D	25 Apr 2025 17:49		YP/AJ	Ok
22	Q1860-31	P001-SS025-01	PO110740.D	25 Apr 2025 18:08	AR1254 + AR1260 Hit, Need Dilution, DCB high in both column;Need 5X	YP/AJ	Dilution
23	Q1860-32	P001-SS026-01	PO110741.D	25 Apr 2025 18:26	AR1254 Hit, Need Dilution, DCB high in both column	YP/AJ	Dilution
24	Q1860-33	P001-SS027-01	PO110742.D	25 Apr 2025 18:44	Cleanup Needed	YP/AJ	Not Ok
25	Q1860-34	P001-SS028-01	PO110743.D	25 Apr 2025 19:03	AR1248 + AR1254 + AR1260 Hit, Need 4X Dilution, DCBhigh in both column	YP/AJ	Dilution
26	Q1860-35	P001-SS029-01	PO110744.D	25 Apr 2025 19:21	TCMX high in both column, Check for cleanup	YP/AJ	Not Ok
27	Q1860-36	P001-SS030-01	PO110745.D	25 Apr 2025 19:39	AR1248 + AR1254 + AR1260 Hit, Need dilution	YP/AJ	Dilution
28	Q1860-37	P001-SS031-01	PO110746.D	25 Apr 2025 19:58	AR1254 Hit, Need dilution, DCB High in 2nd column	YP/AJ	Dilution
29	Q1860-38	P001-SS032-01	PO110747.D	25 Apr 2025 20:16	AR1248 + AR1254 Hit, Need Dilution	YP/AJ	Dilution
30	Q1860-39	P001-SS033-01	PO110748.D	25 Apr 2025 20:34	AR1248 + AR1254 Hit, Need Dilution	YP/AJ	Dilution
31	Q1860-40	P001-SS034-01	PO110749.D	25 Apr 2025 20:53	AR1248 + AR1254 Hit, Need Dilution	YP/AJ	Dilution
32	AR1660CCC500	AR1660CCC500	PO110750.D	25 Apr 2025 23:07		YP/AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PO110751.D	25 Apr 2025 23:25		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042525

Review By	yogesh	Review On	4/25/2025 12:46:37 PM		
Supervise By	mohammad	Supervise On	5/2/2025 2:20:23 AM		
SubDirectory	PO042525	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

34	AR1248CCC500	AR1248CCC500	PO110752.D	25 Apr 2025 23:44		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO110753.D	26 Apr 2025 00:02		YP/AJ	Ok
36	I.BLK	I.BLK	PO110754.D	26 Apr 2025 00:20		YP/AJ	Ok
37	PB167740BL	PB167740BL	PO110755.D	26 Apr 2025 00:39		YP/AJ	Ok
38	PB167740BS	PB167740BS	PO110756.D	26 Apr 2025 00:57		YP/AJ	Ok
39	PB167740BSD	PB167740BSD	PO110757.D	26 Apr 2025 01:16		YP/AJ	Ok
40	Q1860-41	P001-SS035-01	PO110758.D	26 Apr 2025 01:34	AR1248 + AR1254 Hit, Need Dilution, DCB Hgih in both column	YP/AJ	Dilution
41	Q1860-42	P001-SS036-01	PO110759.D	26 Apr 2025 01:52	Cleanup Needed	YP/AJ	Not Ok
42	Q1855-06	60452	PO110760.D	26 Apr 2025 02:11		YP/AJ	Ok,M
43	Q1861-02	0411-A-0411-B-COMP	PO110761.D	26 Apr 2025 02:29		YP/AJ	Ok
44	Q1861-05	0416A-0416B-0416C-C	PO110762.D	26 Apr 2025 02:47		YP/AJ	Ok
45	Q1875-05	AUD-25-0051	PO110763.D	26 Apr 2025 03:06		YP/AJ	Ok
46	Q1875-06	AUD-25-0052	PO110764.D	26 Apr 2025 03:24		YP/AJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PO110765.D	26 Apr 2025 05:02		YP/AJ	Ok
48	AR1242CCC500	AR1242CCC500	PO110766.D	26 Apr 2025 05:57		YP/AJ	Ok
49	AR1248CCC500	AR1248CCC500	PO110767.D	26 Apr 2025 06:15		YP/AJ	Ok
50	AR1254CCC500	AR1254CCC500	PO110768.D	26 Apr 2025 06:34		YP/AJ	Ok
51	I.BLK	I.BLK	PO110769.D	26 Apr 2025 06:52		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042525

Review By	yogesh	Review On	4/25/2025 12:46:37 PM		
Supervise By	mohammad	Supervise On	5/2/2025 2:20:23 AM		
SubDirectory	PO042525	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

52	PB167719BL	PB167719BL	PO110770.D	26 Apr 2025 07:28	CCC Missing	YP/AJ	Not Ok
53	Q1875-07	AUD-25-0055	PO110771.D	26 Apr 2025 07:45	CCC Missing	YP/AJ	Not Ok
54	Q1875-08	AUD-25-0056	PO110772.D	26 Apr 2025 08:03	CCC Missing	YP/AJ	Not Ok
55	Q1861-01	50622	PO110773.D	26 Apr 2025 08:22	DCB low in 1st col & TCMX High in 1 col, CCC Missing	YP/AJ	Not Ok
56	Q1860-22	P001-SS017-01	PO110774.D	26 Apr 2025 08:40	AR1248 + AR1254 Hit, Need 20X Dilution, CCC Missing	YP/AJ	Not Ok
57	Q1860-23	P001-SS017-02	PO110775.D	26 Apr 2025 08:58	AR1248 + AR1254 Hit, Need 20X Dilution,CCC Missing	YP/AJ	Not Ok
58	Q1860-24	P001-SS018-01	PO110776.D	26 Apr 2025 09:17	AR1254 + AR1260 Hit, CCC Missing	YP/AJ	Not Ok
59	Q1860-25	P001-SS019-01	PO110777.D	26 Apr 2025 09:35	AR1254 + AR1260 Hit, Need 2X Dilution, CCC Missing	YP/AJ	Not Ok
60	Q1874-05	HT3727	PO110778.D	26 Apr 2025 09:53	Check for cleanup, CCC Missing	YP/AJ	Not Ok
61	Q1875-01	AUD-25-0053	PO110779.D	26 Apr 2025 10:12	CCC Missing	YP/AJ	Not Ok
62	AR1660CCC500	AR1660CCC500	PO110780.D	26 Apr 2025 11:50		YP/AJ	Ok
63	AR1242CCC500	AR1242CCC500	PO110781.D	26 Apr 2025 12:45		YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042825

Review By	yogesh	Review On	4/29/2025 11:07:05 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:30:39 AM		
SubDirectory	PO042825	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO110782.D	28 Apr 2025 08:31		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO110783.D	28 Apr 2025 08:50		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO110784.D	28 Apr 2025 09:08		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO110785.D	28 Apr 2025 09:44		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO110786.D	28 Apr 2025 10:02		YP/AJ	Ok
6	I.BLK	I.BLK	PO110787.D	28 Apr 2025 10:21		YP/AJ	Ok
7	Q1860-19DL	P001-SS016-01DL	PO110788.D	28 Apr 2025 10:39	AR1248 + AR1254 Hit	YP/AJ	Ok,M
8	Q1860-26DL	P001-SS020-01DL	PO110789.D	28 Apr 2025 10:57	AR1254 Hit	YP/AJ	Ok
9	Q1860-27DL	P001-SS021-01DL	PO110790.D	28 Apr 2025 11:16	AR1254 Hit, DCB High in 2nd column	YP/AJ	Ok,M
10	Q1860-29DL	P001-SS023-01DL	PO110791.D	28 Apr 2025 11:34	AR1254 Hit	YP/AJ	Ok
11	Q1860-31DL	P001-SS025-01DL	PO110792.D	28 Apr 2025 11:53	AR1254 + AR1260 Hit, DCB high in both column	YP/AJ	Ok
12	Q1860-32DL	P001-SS026-01DL	PO110793.D	28 Apr 2025 12:11	AR1254 Hit, Need Dilution, DCB high in both column	YP/AJ	Not Ok
13	Q1860-32DL	P001-SS026-01DL	PO110794.D	28 Apr 2025 12:29	AR1254 hits, DCB high in both column	YP/AJ	Ok,M
14	Q1860-34DL	P001-SS028-01DL	PO110795.D	28 Apr 2025 12:48	AR1248 + AR1254 + AR1260 Hit, Need 2X Dilution, DCB high in both column	YP/AJ	Not Ok
15	Q1860-36DL	P001-SS030-01DL	PO110796.D	28 Apr 2025 13:06	AR1248 + AR1254 + AR1260 Hit, Need Dilution, DCB High in 2nd column	YP/AJ	Not Ok
16	Q1860-36DL	P001-SS030-01DL	PO110797.D	28 Apr 2025 13:24	AR1248 + AR1254 + AR1260 Hit	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042825

Review By	yogesh	Review On	4/29/2025 11:07:05 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:30:39 AM		
SubDirectory	PO042825	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	AR1660CCC500	AR1660CCC500	PO110798.D	28 Apr 2025 14:33		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO110799.D	28 Apr 2025 14:52		YP/AJ	Ok
19	AR1248CCC500	AR1248CCC500	PO110800.D	28 Apr 2025 15:10		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO110801.D	28 Apr 2025 15:28		YP/AJ	Ok
21	I.BLK	I.BLK	PO110802.D	28 Apr 2025 15:47		YP/AJ	Ok
22	Q1893-01	UGGP-1	PO110803.D	28 Apr 2025 16:05		YP/AJ	Ok,M
23	Q1893-02	UGGP-2	PO110804.D	28 Apr 2025 16:23	AR1248 + AR1254 Hit,	YP/AJ	Ok
24	Q1860-38DL	P001-SS032-01DL	PO110805.D	28 Apr 2025 16:41	AR1248 + AR1254 Hit, Need Further Dilution	YP/AJ	Dilution
25	Q1860-38DL2	P001-SS032-01DL2	PO110806.D	28 Apr 2025 16:59	AR1248 + AR1254 Hit,	YP/AJ	Ok
26	Q1860-39DL	P001-SS033-01DL	PO110807.D	28 Apr 2025 17:17	AR1248 + AR1254 Hit, DCB High in both col	YP/AJ	Ok,M
27	Q1860-40DL	P001-SS034-01DL	PO110808.D	28 Apr 2025 17:36	AR1248 + AR1254 Hit, DCB High in both col	YP/AJ	Ok,M
28	Q1860-41DL	P001-SS035-01DL	PO110809.D	28 Apr 2025 17:53	AR1248 + AR1254 Hit, Need Further Dilution, DCB Hgih in both column	YP/AJ	Dilution
29	Q1860-41DL2	P001-SS035-01DL2	PO110810.D	28 Apr 2025 18:12	AR1248 + AR1254 Hit,	YP/AJ	Ok,M
30	Q1875-07	AUD-25-0055	PO110811.D	28 Apr 2025 18:30		YP/AJ	Ok
31	Q1861-01	50622	PO110812.D	28 Apr 2025 18:48		YP/AJ	Ok
32	AR1660CCC500	AR1660CCC500	PO110813.D	28 Apr 2025 19:58		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO110814.D	28 Apr 2025 20:34		YP/AJ	Ok
34	AR1248CCC500	AR1248CCC500	PO110815.D	28 Apr 2025 20:53		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042825

Review By	yogesh	Review On	4/29/2025 11:07:05 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:30:39 AM		
SubDirectory	PO042825	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

35	AR1254CCC500	AR1254CCC500	PO110816.D	28 Apr 2025 21:11		YP/AJ	Ok
36	I.BLK	I.BLK	PO110817.D	28 Apr 2025 21:29		YP/AJ	Ok
37	PB167750BL	PB167750BL	PO110818.D	28 Apr 2025 21:48		YP/AJ	Ok
38	Q1875-01	AUD-25-0053	PO110819.D	28 Apr 2025 22:06		YP/AJ	Ok
39	Q1875-08	AUD-25-0056	PO110820.D	28 Apr 2025 22:24		YP/AJ	Ok
40	Q1860-22	P001-SS017-01	PO110821.D	28 Apr 2025 22:42	AR1248 + AR1254 Hit, Need 5X Dilution	YP/AJ	Dilution
41	Q1860-23	P001-SS017-02	PO110822.D	28 Apr 2025 23:00	AR1248 + AR1254 Hit, Need 5X Dilution	YP/AJ	Dilution
42	Q1860-24	P001-SS018-01	PO110823.D	28 Apr 2025 23:18	AR1254 Hit	YP/AJ	Ok,M
43	Q1860-25	P001-SS019-01	PO110824.D	28 Apr 2025 23:37	AR1254 + AR1260 Hit, Need 5X Dilution	YP/AJ	Dilution
44	Q1874-05	HT3727	PO110825.D	28 Apr 2025 23:54		YP/AJ	Ok
45	Q1860-22DL	P001-SS017-01DL	PO110826.D	29 Apr 2025 00:12	AR1248 + AR1254 Hit,	YP/AJ	Ok
46	Q1860-23DL	P001-SS017-02DL	PO110827.D	29 Apr 2025 00:31	AR1248 + AR1254 Hit,	YP/AJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PO110828.D	29 Apr 2025 01:54		YP/AJ	Ok,M
48	AR1242CCC500	AR1242CCC500	PO110829.D	29 Apr 2025 02:31		YP/AJ	Ok
49	AR1248CCC500	AR1248CCC500	PO110830.D	29 Apr 2025 02:49		YP/AJ	Ok
50	AR1254CCC500	AR1254CCC500	PO110831.D	29 Apr 2025 03:07		YP/AJ	Ok
51	I.BLK	I.BLK	PO110832.D	29 Apr 2025 03:26		YP/AJ	Ok
52	Q1896-01	295-BERGEN-RO	PO110833.D	29 Apr 2025 03:44	AR1254 Hit	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042825

Review By	yogesh	Review On	4/29/2025 11:07:05 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:30:39 AM		
SubDirectory	PO042825	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

53	Q1900-01	WC-1	PO110834.D	29 Apr 2025 04:02		YP/AJ	Ok,M
54	Q1900-05	WC-2	PO110835.D	29 Apr 2025 04:21		YP/AJ	Ok
55	Q1900-09	WC-3	PO110836.D	29 Apr 2025 04:39		YP/AJ	Ok
56	Q1860-25DL	P001-SS019-01DL	PO110837.D	29 Apr 2025 04:57	AR1254 + AR1260 Hit,	YP/AJ	Ok,M
57	Q1860-37DL	P001-SS031-01DL	PO110838.D	29 Apr 2025 05:16	AR1254 Hit, Need Further dilution, DCB High in both column	YP/AJ	Dilution
58	Q1860-37DL2	P001-SS031-01DL2	PO110839.D	29 Apr 2025 05:34	AR1254 Hit	YP/AJ	Ok
59	AR1660CCC500	AR1660CCC500	PO110840.D	29 Apr 2025 06:57		YP/AJ	Ok,M
60	AR1242CCC500	AR1242CCC500	PO110841.D	29 Apr 2025 07:34		YP/AJ	Ok
61	AR1248CCC500	AR1248CCC500	PO110842.D	29 Apr 2025 07:53		YP/AJ	Ok
62	AR1254CCC500	AR1254CCC500	PO110843.D	29 Apr 2025 08:11		YP/AJ	Ok
63	I.BLK	I.BLK	PO110844.D	29 Apr 2025 08:29		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO110845.D	29 Apr 2025 09:06		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO110846.D	29 Apr 2025 09:24		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO110847.D	29 Apr 2025 09:45		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO110848.D	29 Apr 2025 10:03		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO110849.D	29 Apr 2025 10:21		YP/AJ	Ok
6	I.BLK	I.BLK	PO110850.D	29 Apr 2025 10:40		YP/AJ	Ok
7	PB167765BL	PB167765BL	PO110851.D	29 Apr 2025 10:58		YP/AJ	Not Ok
8	Q1889-01	COMP-1	PO110852.D	29 Apr 2025 11:16		YP/AJ	Ok
9	Q1889-01MS	COMP-1MS	PO110853.D	29 Apr 2025 11:35		YP/AJ	Ok
10	Q1889-01MSD	COMP-1MSD	PO110854.D	29 Apr 2025 11:53		YP/AJ	Ok
11	Q1860-34DL	P001-SS028-01DL	PO110855.D	29 Apr 2025 12:11	AR1248 + AR1254 + AR1260 Hit, DCB High in both column	YP/AJ	Ok,M
12	Q1904-01	VNJ-210	PO110856.D	29 Apr 2025 13:36		YP/AJ	Not Ok
13	Q1902-02	343	PO110857.D	29 Apr 2025 13:54		YP/AJ	Ok,M
14	Q1903-01	COMP-4	PO110858.D	29 Apr 2025 14:12		YP/AJ	Ok
15	Q1903-02	COMP-5	PO110859.D	29 Apr 2025 14:31		YP/AJ	Ok
16	Q1903-03	COMP-6	PO110860.D	29 Apr 2025 14:49		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO110861.D	29 Apr 2025 15:58		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1242CCC500	AR1242CCC500	PO110862.D	29 Apr 2025 16:35		YP/AJ	Ok
19	AR1248CCC500	AR1248CCC500	PO110863.D	29 Apr 2025 16:53		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO110864.D	29 Apr 2025 17:11		YP/AJ	Ok
21	I.BLK	I.BLK	PO110865.D	29 Apr 2025 17:29		YP/AJ	Ok
22	Q1904-01	VNJ-210	PO110866.D	29 Apr 2025 17:48		YP/AJ	Ok
23	Q1904-01MS	VNJ-210MS	PO110867.D	29 Apr 2025 18:05		YP/AJ	Ok
24	Q1904-01MSD	VNJ-210MSD	PO110868.D	29 Apr 2025 18:23		YP/AJ	Ok
25	Q1906-01	WC-4	PO110869.D	29 Apr 2025 18:42		YP/AJ	Ok
26	Q1906-05	WC-5	PO110870.D	29 Apr 2025 19:00		YP/AJ	Ok
27	Q1906-09	WC-6	PO110871.D	29 Apr 2025 19:19		YP/AJ	Ok,M
28	Q1906-13	WC-7	PO110872.D	29 Apr 2025 19:37		YP/AJ	Ok
29	Q1897-01	40125	PO110873.D	29 Apr 2025 19:55	AR1242 Hit	YP/AJ	Ok,M
30	Q1901-06	FB04262025	PO110874.D	29 Apr 2025 20:14		YP/AJ	Ok
31	Q1897-02	41425	PO110875.D	29 Apr 2025 20:32		YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO110876.D	29 Apr 2025 22:00		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO110877.D	29 Apr 2025 22:36		YP/AJ	Ok
34	AR1248CCC500	AR1248CCC500	PO110878.D	29 Apr 2025 22:55		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO110879.D	29 Apr 2025 23:13		YP/AJ	Ok
36	I.BLK	I.BLK	PO110880.D	29 Apr 2025 23:31		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO042925

Review By	yogesh	Review On	4/29/2025 11:07:42 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:51:07 AM		
SubDirectory	PO042925	HP Acquire Method		HP Processing Method	PO041025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	PB167790BL	PB167790BL	PO110881.D	29 Apr 2025 23:50		YP/AJ	Ok
38	PB167790BS	PB167790BS	PO110882.D	30 Apr 2025 00:08		YP/AJ	Ok
39	Q1909-01	KMH358F-1-1	PO110883.D	30 Apr 2025 00:26	AR1254 Hit	YP/AJ	Ok,M
40	Q1909-02	KMH358F-1-2	PO110884.D	30 Apr 2025 00:45	AR1254 Hit	YP/AJ	Ok,M
41	AR1660CCC500	AR1660CCC500	PO110885.D	30 Apr 2025 02:11		YP/AJ	Ok
42	AR1242CCC500	AR1242CCC500	PO110886.D	30 Apr 2025 02:48		YP/AJ	Ok
43	AR1248CCC500	AR1248CCC500	PO110887.D	30 Apr 2025 03:06		YP/AJ	Ok
44	AR1254CCC500	AR1254CCC500	PO110888.D	30 Apr 2025 03:25		YP/AJ	Ok
45	I.BLK	I.BLK	PO110889.D	30 Apr 2025 03:43		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071387.D	22 Apr 2025 09:56		YP\AJ	Ok
2	I.BLK	I.BLK	PP071388.D	22 Apr 2025 10:13		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP071389.D	22 Apr 2025 10:29		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP071390.D	22 Apr 2025 10:45		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP071391.D	22 Apr 2025 11:02		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP071392.D	22 Apr 2025 11:18		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP071393.D	22 Apr 2025 11:34		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP071394.D	22 Apr 2025 11:51		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP071395.D	22 Apr 2025 12:07		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP071396.D	22 Apr 2025 12:23		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP071397.D	22 Apr 2025 12:39		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP071398.D	22 Apr 2025 12:56		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP071399.D	22 Apr 2025 13:12		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP071400.D	22 Apr 2025 13:28		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP071401.D	22 Apr 2025 13:45		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP071402.D	22 Apr 2025 14:01		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP071403.D	22 Apr 2025 14:17		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP071404.D	22 Apr 2025 14:33		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP071405.D	22 Apr 2025 14:50		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP071406.D	22 Apr 2025 15:06		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP071407.D	22 Apr 2025 15:22		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP071408.D	22 Apr 2025 15:38		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP071409.D	22 Apr 2025 15:55		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP071410.D	22 Apr 2025 16:11		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP071411.D	22 Apr 2025 16:27		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP071412.D	22 Apr 2025 16:44		YP\AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP071413.D	22 Apr 2025 17:00		YP\AJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP071414.D	22 Apr 2025 17:16		YP\AJ	Ok,M
29	AR1268ICC250	AR1268ICC250	PP071415.D	22 Apr 2025 17:33		YP\AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP071416.D	22 Apr 2025 17:49		YP\AJ	Ok,M
31	PP042225ICV500	ICVPP042225	PP071417.D	22 Apr 2025 18:05		YP\AJ	Ok
32	AR1242ICV500	ICVPP042225AR1242	PP071418.D	22 Apr 2025 18:38		YP\AJ	Ok
33	AR1248ICV500	ICVPP042225AR1248	PP071419.D	22 Apr 2025 19:27		YP\AJ	Ok
34	AR1254ICV500	ICVPP042225AR1254	PP071420.D	22 Apr 2025 19:43		YP\AJ	Ok
35	AR1268ICV500	ICVPP042225AR1268	PP071421.D	22 Apr 2025 20:16		YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042425

Review By	yogesh	Review On	4/24/2025 12:15:27 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:18:47 AM		
SubDirectory	PP042425	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071422.D	24 Apr 2025 09:06		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP071423.D	24 Apr 2025 09:22		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP071424.D	24 Apr 2025 09:38		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP071425.D	24 Apr 2025 09:55		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP071426.D	24 Apr 2025 10:11		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP071427.D	24 Apr 2025 10:27		YP\AJ	Ok
7	PB167721BL	PB167721BL	PP071428.D	24 Apr 2025 12:58		YP\AJ	Ok
8	PB167721BS	PB167721BS	PP071429.D	24 Apr 2025 13:14		YP\AJ	Ok
9	Q1860-01	P001-SS001-01	PP071430.D	24 Apr 2025 13:30	AR1260 Hit	YP\AJ	Ok,M
10	Q1860-02MS	P001-SS001-01MS	PP071431.D	24 Apr 2025 13:47		YP\AJ	Ok,M
11	Q1860-03MSD	P001-SS001-01MSD	PP071432.D	24 Apr 2025 14:03		YP\AJ	Ok,M
12	Q1860-04	P001-SS002-01	PP071433.D	24 Apr 2025 14:19	AR1254 Hit	YP\AJ	Ok,M
13	Q1860-08	P001-SS005-01	PP071434.D	24 Apr 2025 14:35	AR1260 Hit	YP\AJ	Ok,M
14	Q1860-09	P001-SS006-01	PP071435.D	24 Apr 2025 14:52	AR1260 Hit, Need 2X Dilution	YP\AJ	Not Ok
15	Q1860-10	P001-SS007-01	PP071436.D	24 Apr 2025 15:08	AR1248 + AR1254 Hit, Need 25X Dilution, DCB High in 2nd column	YP\AJ	Dilution
16	Q1860-11	P001-SS008-01	PP071437.D	24 Apr 2025 15:25	AR1248 + AR1254 Hit, Need 100X Dilution, DCB High in both column, TCMX High in 1st colum	YP\AJ	Dilution

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042425

Review By	yogesh	Review On	4/24/2025 12:15:27 PM		
Supervise By	mohammad	Supervise On	4/26/2025 2:18:47 AM		
SubDirectory	PP042425	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	AR1660CCC500	AR1660CCC500	PP071438.D	24 Apr 2025 17:02		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP071439.D	24 Apr 2025 17:35		YP\AJ	Ok
19	AR1248CCC500	AR1248CCC500	PP071440.D	24 Apr 2025 17:51		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP071441.D	24 Apr 2025 18:08		YP\AJ	Ok
21	I.BLK	I.BLK	PP071442.D	24 Apr 2025 18:24		YP\AJ	Ok
22	Q1867-01	RBR200059	PP071443.D	24 Apr 2025 18:40	AR1248 + AR1254 Hit, Need 2X Dilution	YP\AJ	Dilution
23	Q1867-01MS	RBR200059MS	PP071444.D	24 Apr 2025 18:56	Recovery Fail for AR1016 & AR1260	YP\AJ	Ok
24	Q1867-01MSD	RBR200059MSD	PP071445.D	24 Apr 2025 19:13	Recovery Fail for AR1016 & AR1260	YP\AJ	Ok
25	Q1867-03	VNJ211	PP071446.D	24 Apr 2025 19:29	AR1254 Hit	YP\AJ	Ok,M
26	Q1860-10DL	P001-SS007-01DL	PP071447.D	24 Apr 2025 19:45	AR1248 + AR1254 Hit, DCB High in 1st column	YP\AJ	Ok,M
27	Q1860-10DL2	P001-SS007-01DL2	PP071448.D	24 Apr 2025 20:01	AR1248 + AR1254 Hit,	YP\AJ	Not Ok
28	Q1860-11DL	P001-SS008-01DL	PP071449.D	24 Apr 2025 20:18	AR1248 + AR1254 Hit	YP\AJ	Ok,M
29	AR1660CCC500	AR1660CCC500	PP071450.D	24 Apr 2025 22:12		YP\AJ	Ok
30	AR1242CCC500	AR1242CCC500	PP071451.D	24 Apr 2025 22:44		YP\AJ	Ok
31	AR1248CCC500	AR1248CCC500	PP071452.D	24 Apr 2025 23:01		YP\AJ	Ok
32	AR1254CCC500	AR1254CCC500	PP071453.D	24 Apr 2025 23:17		YP\AJ	Ok
33	I.BLK	I.BLK	PP071454.D	24 Apr 2025 23:33		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042825

Review By	yogesh	Review On	4/28/2025 11:52:03 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:36:20 AM		
SubDirectory	PP042825	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071527.D	28 Apr 2025 08:12		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP071528.D	28 Apr 2025 08:28		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP071529.D	28 Apr 2025 08:47		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP071530.D	28 Apr 2025 09:03		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP071531.D	28 Apr 2025 09:20		YP\AJ	Ok
6	I.BLK	I.BLK	PP071532.D	28 Apr 2025 09:36		YP\AJ	Ok
7	PB167737BL	PB167737BL	PP071533.D	28 Apr 2025 09:53		YP\AJ	Ok
8	PB167750BL	PB167750BL	PP071534.D	28 Apr 2025 10:10		YP\AJ	Ok
9	PB167741BS	PB167741BS	PP071535.D	28 Apr 2025 10:26		YP\AJ	Ok
10	Q1860-33	P001-SS027-01	PP071536.D	28 Apr 2025 10:43	AR1248+AR1254+AR1260 Hit	YP\AJ	Ok,M
11	Q1860-35	P001-SS029-01	PP071537.D	28 Apr 2025 10:59	AR1248+AR1254+AR1260 Hit, Need dil, TCMX high in both column	YP\AJ	Dilution
12	Q1875-04	AUD-25-0024	PP071538.D	28 Apr 2025 11:16		YP\AJ	Ok
13	Q1860-42	P001-SS036-01	PP071539.D	28 Apr 2025 11:32	AR1254 Hit	YP\AJ	Ok,M
14	Q1876-04DL	AUD-25-0061DL	PP071540.D	28 Apr 2025 11:48	AR1254 Hit	YP\AJ	Ok,M
15	Q1876-09DL	AUD-25-0066DL	PP071541.D	28 Apr 2025 12:04	AR1254 Hit	YP\AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PP071542.D	28 Apr 2025 12:53		YP\AJ	Ok
17	AR1242CCC500	AR1242CCC500	PP071543.D	28 Apr 2025 13:09		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042825

Review By	yogesh	Review On	4/28/2025 11:52:03 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:36:20 AM		
SubDirectory	PP042825	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1248CCC500	AR1248CCC500	PP071544.D	28 Apr 2025 13:26		YP\AJ	Ok
19	AR1254CCC500	AR1254CCC500	PP071545.D	28 Apr 2025 13:42		YP\AJ	Ok,M
20	I.BLK	I.BLK	PP071546.D	28 Apr 2025 13:58		YP\AJ	Ok
21	Q1893-03	INTERIOR-1	PP071547.D	28 Apr 2025 14:14	AR1248 Hit, Need 20X	YP\AJ	Dilution
22	Q1893-04	INTERIOR-2	PP071548.D	28 Apr 2025 14:31	AR1248 Hit	YP\AJ	Ok,M
23	Q1893-05	INTERIOR-3	PP071549.D	28 Apr 2025 14:47	AR1248 Hit, Need 50X, TCMX high 2nd column	YP\AJ	Dilution
24	Q1893-06	INTERIOR-4	PP071550.D	28 Apr 2025 15:03	AR1248 Hit	YP\AJ	Ok,M
25	Q1893-07	EXTERIOR-1	PP071551.D	28 Apr 2025 15:19	AR1248 Hit, Need 10X	YP\AJ	Dilution
26	Q1893-03DL	INTERIOR-1DL	PP071552.D	28 Apr 2025 15:35	AR1248 Hit	YP\AJ	Ok
27	Q1893-05DL	INTERIOR-3DL	PP071553.D	28 Apr 2025 15:52	AR1248 Hit	YP\AJ	Ok
28	Q1893-07DL	EXTERIOR-1DL	PP071554.D	28 Apr 2025 16:08	AR1248 Hit	YP\AJ	Ok
29	Q1898-01	41525A	PP071555.D	28 Apr 2025 16:41		YP\AJ	Ok,M
30	Q1898-02	41525B	PP071556.D	28 Apr 2025 16:58		YP\AJ	Ok
31	AR1660CCC500	AR1660CCC500	PP071557.D	28 Apr 2025 18:03		YP\AJ	Ok
32	AR1242CCC500	AR1242CCC500	PP071558.D	28 Apr 2025 18:36		YP\AJ	Ok
33	AR1248CCC500	AR1248CCC500	PP071559.D	28 Apr 2025 18:53		YP\AJ	Ok
34	AR1254CCC500	AR1254CCC500	PP071560.D	28 Apr 2025 19:09		YP\AJ	Ok,M
35	I.BLK	I.BLK	PP071561.D	28 Apr 2025 19:25		YP\AJ	Ok
36	PB167754BL	PB167754BL	PP071562.D	28 Apr 2025 19:42		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042825

Review By	yogesh	Review On	4/28/2025 11:52:03 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:36:20 AM		
SubDirectory	PP042825	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	PB167754BS	PB167754BS	PP071563.D	28 Apr 2025 19:58		YP\AJ	Ok
38	PB167765BL	PB167765BL	PP071564.D	28 Apr 2025 20:15		YP\AJ	Ok
39	PB167765BS	PB167765BS	PP071565.D	28 Apr 2025 20:31		YP\AJ	Ok
40	Q1884-01	P001-SS037-01	PP071566.D	28 Apr 2025 20:47	AR1248 + AR1254 + AR1260 Hit, Need Dilution, DCB High in both col	YP\AJ	Dilution
41	Q1884-02	P001-SS038-01	PP071567.D	28 Apr 2025 21:04	AR1254 + AR1260 Hit, Need dilution, DCB High in both column	YP\AJ	Dilution
42	Q1889-01	COMP-1	PP071568.D	28 Apr 2025 21:20	Check Chromatogram	YP\AJ	Not Ok
43	Q1889-01MS	COMP-1MS	PP071569.D	28 Apr 2025 21:36		YP\AJ	Not Ok
44	Q1889-01MSD	COMP-1MSD	PP071570.D	28 Apr 2025 21:53		YP\AJ	Not Ok
45	Q1889-02	COMP-2	PP071571.D	28 Apr 2025 22:09		YP\AJ	Ok
46	AR1660CCC500	AR1660CCC500	PP071572.D	28 Apr 2025 23:31		YP\AJ	Ok
47	AR1242CCC500	AR1242CCC500	PP071573.D	29 Apr 2025 00:03		YP\AJ	Ok
48	AR1248CCC500	AR1248CCC500	PP071574.D	29 Apr 2025 00:20		YP\AJ	Ok
49	AR1254CCC500	AR1254CCC500	PP071575.D	29 Apr 2025 00:36		YP\AJ	Ok,M
50	I.BLK	I.BLK	PP071576.D	29 Apr 2025 00:52		YP\AJ	Ok
51	Q1889-03	COMP-3	PP071577.D	29 Apr 2025 01:09		YP\AJ	Ok
52	Q1891-01	MH-C	PP071578.D	29 Apr 2025 01:25		YP\AJ	Ok,M
53	Q1891-05	MH-D	PP071579.D	29 Apr 2025 01:42		YP\AJ	Ok,M
54	Q1892-01	MH-G	PP071580.D	29 Apr 2025 01:58		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042825

Review By	yogesh	Review On	4/28/2025 11:52:03 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:36:20 AM		
SubDirectory	PP042825	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

55	Q1892-05	MH-H	PP071581.D	29 Apr 2025 02:14		YP\AJ	Ok
56	Q1892-09	MH-U2	PP071582.D	29 Apr 2025 02:31		YP\AJ	Ok
57	Q1895-01	COMP-1	PP071583.D	29 Apr 2025 02:47		YP\AJ	Ok
58	Q1895-03	COMP-2	PP071584.D	29 Apr 2025 03:03		YP\AJ	Ok
59	Q1895-05	COMP-3	PP071585.D	29 Apr 2025 03:20	AR1254 Hit	YP\AJ	Ok,M
60	Q1898-04	42525B	PP071586.D	29 Apr 2025 03:36		YP\AJ	Ok
61	AR1660CCC500	AR1660CCC500	PP071587.D	29 Apr 2025 04:58		YP\AJ	Ok
62	AR1242CCC500	AR1242CCC500	PP071588.D	29 Apr 2025 05:31		YP\AJ	Ok
63	AR1248CCC500	AR1248CCC500	PP071589.D	29 Apr 2025 05:47		YP\AJ	Ok
64	AR1254CCC500	AR1254CCC500	PP071590.D	29 Apr 2025 06:03		YP\AJ	Ok
65	I.BLK	I.BLK	PP071591.D	29 Apr 2025 06:20		YP\AJ	Ok
66	Q1898-03	42525A	PP071592.D	29 Apr 2025 06:36		YP\AJ	Ok
67	AR1660CCC500	AR1660CCC500	PP071593.D	29 Apr 2025 07:58		YP\AJ	Ok
68	AR1242CCC500	AR1242CCC500	PP071594.D	29 Apr 2025 08:31		YP\AJ	Ok
69	AR1248CCC500	AR1248CCC500	PP071595.D	29 Apr 2025 08:47		YP\AJ	Ok
70	AR1254CCC500	AR1254CCC500	PP071596.D	29 Apr 2025 09:04		YP\AJ	Ok,M
71	I.BLK	I.BLK	PP071597.D	29 Apr 2025 09:20		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042925

Review By	yogesh	Review On	4/29/2025 11:08:35 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:54:00 AM		
SubDirectory	PP042925	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071598.D	29 Apr 2025 10:16		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP071599.D	29 Apr 2025 10:33		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP071600.D	29 Apr 2025 10:51		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP071601.D	29 Apr 2025 11:07		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP071602.D	29 Apr 2025 11:24		YP\AJ	Ok
6	I.BLK	I.BLK	PP071603.D	29 Apr 2025 11:40		YP\AJ	Ok
7	Q1860-35DL	P001-SS029-01DL	PP071604.D	29 Apr 2025 11:56	AR1248+AR1254+AR1260 Hit	YP\AJ	Ok,M
8	Q1884-01DL	P001-SS037-01DL	PP071605.D	29 Apr 2025 12:12	AR1248 + AR1254 + AR1260 Hit, DCB High in both col, TCMX High in 2nd col	YP\AJ	Ok,M
9	Q1884-02DL	P001-SS038-01DL	PP071606.D	29 Apr 2025 12:29	AR1254 + AR1260 Hit, DCB High in both col	YP\AJ	Ok,M
10	PB167776BL	PB167776BL	PP071607.D	29 Apr 2025 13:30		YP\AJ	Ok
11	PB167776BS	PB167776BS	PP071608.D	29 Apr 2025 13:46		YP\AJ	Ok
12	Q1883-01	OU4-PCS-TC-27-04232	PP071609.D	29 Apr 2025 14:02		YP\AJ	Ok,M
13	Q1883-03	OU4-PCS-TC-28-04232	PP071610.D	29 Apr 2025 14:19		YP\AJ	Ok
14	Q1883-05	OU4-PCS-TC-29-04232	PP071611.D	29 Apr 2025 14:35		YP\AJ	Ok
15	Q1883-07	OU4-PCS-TC-30-04232	PP071612.D	29 Apr 2025 14:51		YP\AJ	Ok
16	Q1883-09	OU4-PCS-TC-31-04232	PP071613.D	29 Apr 2025 15:08		YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP071614.D	29 Apr 2025 16:29		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042925

Review By	yogesh	Review On	4/29/2025 11:08:35 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:54:00 AM		
SubDirectory	PP042925	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1242CCC500	AR1242CCC500	PP071615.D	29 Apr 2025 17:02		YP\AJ	Ok
19	AR1248CCC500	AR1248CCC500	PP071616.D	29 Apr 2025 17:18		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP071617.D	29 Apr 2025 17:34		YP\AJ	Ok
21	I.BLK	I.BLK	PP071618.D	29 Apr 2025 17:51		YP\AJ	Ok
22	Q1883-11	OU4-PCS-TC-32-04232	PP071619.D	29 Apr 2025 18:07		YP\AJ	Ok
23	Q1883-13	OU4-VSL-18-042325	PP071620.D	29 Apr 2025 18:23		YP\AJ	Ok
24	Q1883-15	OU4-VSL-19-042325	PP071621.D	29 Apr 2025 18:40		YP\AJ	Ok
25	Q1901-02	B-167-SB01	PP071622.D	29 Apr 2025 18:56		YP\AJ	Ok,M
26	Q1901-04	B-167-SB02	PP071623.D	29 Apr 2025 19:12		YP\AJ	Ok
27	PB167782BL	PB167782BL	PP071624.D	29 Apr 2025 19:29		YP\AJ	Ok
28	PB167782BS	PB167782BS	PP071625.D	29 Apr 2025 19:45		YP\AJ	Ok
29	PB167782BSD	PB167782BSD	PP071626.D	29 Apr 2025 20:01		YP\AJ	Ok
30	Q1890-01	TW-WTS-07	PP071627.D	29 Apr 2025 20:18		YP\AJ	Ok
31	Q1896-03	295-BERGEN-FRAC	PP071628.D	29 Apr 2025 20:34		YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP071629.D	29 Apr 2025 21:55		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP071630.D	29 Apr 2025 22:28		YP\AJ	Ok
34	AR1248CCC500	AR1248CCC500	PP071631.D	29 Apr 2025 22:44		YP\AJ	Ok
35	AR1254CCC500	AR1254CCC500	PP071632.D	29 Apr 2025 23:01		YP\AJ	Ok,M
36	I.BLK	I.BLK	PP071633.D	29 Apr 2025 23:17		YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042925

Review By	yogesh	Review On	4/29/2025 11:08:35 AM		
Supervise By	mohammad	Supervise On	5/2/2025 2:54:00 AM		
SubDirectory	PP042925	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP043025

Review By	yogesh	Review On	4/30/2025 11:33:57 AM		
Supervise By	mohammad	Supervise On	5/2/2025 3:18:29 AM		
SubDirectory	PP043025	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071634.D	30 Apr 2025 08:51		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP071635.D	30 Apr 2025 09:07		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP071636.D	30 Apr 2025 09:28		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP071637.D	30 Apr 2025 09:45		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP071638.D	30 Apr 2025 10:01		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP071639.D	30 Apr 2025 10:17		YP\AJ	Ok
7	Q1867-01DL	RBR200059DL	PP071640.D	30 Apr 2025 11:09	AR1248 + AR1254 Hit	YP\AJ	Ok,M
8	PB167794BL	PB167794BL	PP071641.D	30 Apr 2025 12:39		YP\AJ	Ok
9	PB167794BS	PB167794BS	PP071642.D	30 Apr 2025 12:56		YP\AJ	Ok
10	Q1901-03	B-170-SB01	PP071643.D	30 Apr 2025 13:12		YP\AJ	Ok,M
11	Q1905-01	MH-G	PP071644.D	30 Apr 2025 13:28		YP\AJ	Ok,M
12	Q1860-09	P001-SS006-01	PP071645.D	30 Apr 2025 13:44	AR1260 Hit, Need 5X Dilution	YP\AJ	Dilution
13	Q1860-09DL	P001-SS006-01DL	PP071646.D	30 Apr 2025 14:01	AR1260 Hit	YP\AJ	Ok,M
14	Q1910-01	MOO-25-0123-27	PP071647.D	30 Apr 2025 14:33		YP\AJ	Ok,M
15	Q1910-01MS	MOO-25-0123-27MS	PP071648.D	30 Apr 2025 14:49		YP\AJ	Ok,M
16	Q1910-01MSD	MOO-25-0123-27MSD	PP071649.D	30 Apr 2025 15:05		YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP071650.D	30 Apr 2025 16:11		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP071651.D	30 Apr 2025 16:27		YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP043025

Review By	yogesh	Review On	4/30/2025 11:33:57 AM		
Supervise By	mohammad	Supervise On	5/2/2025 3:18:29 AM		
SubDirectory	PP043025	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PP071652.D	30 Apr 2025 16:43		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP071653.D	30 Apr 2025 17:00		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP071654.D	30 Apr 2025 17:16		YP\AJ	Ok
22	Q1911-01	EO-03-04292025	PP071655.D	30 Apr 2025 17:33		YP\AJ	Ok,M
23	Q1912-01	MH-E	PP071656.D	30 Apr 2025 17:49		YP\AJ	Ok,M
24	Q1912-05	MH-F	PP071657.D	30 Apr 2025 18:06		YP\AJ	Ok,M
25	Q1905-05	MH-H	PP071658.D	30 Apr 2025 18:22		YP\AJ	Ok,M
26	Q1907-01	CO-8R-WC	PP071659.D	30 Apr 2025 18:38	AR1254 & AR1260 hits	YP\AJ	Ok,M
27	Q1921-01	BC226751-1-1	PP071660.D	30 Apr 2025 18:55		YP\AJ	Ok,M
28	Q1921-02	BC226751-1-2	PP071661.D	30 Apr 2025 19:11		YP\AJ	Ok,M
29	Q1921-03	BC274768-1-1	PP071662.D	30 Apr 2025 19:27		YP\AJ	Ok,M
30	Q1921-04	BC274768-1-2	PP071663.D	30 Apr 2025 19:44		YP\AJ	Ok,M
31	Q1921-05	BC271327-1-1	PP071664.D	30 Apr 2025 20:00		YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP071665.D	30 Apr 2025 21:38		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP071666.D	30 Apr 2025 22:11		YP\AJ	Ok
34	AR1248CCC500	AR1248CCC500	PP071667.D	30 Apr 2025 22:27		YP\AJ	Ok
35	AR1254CCC500	AR1254CCC500	PP071668.D	30 Apr 2025 22:44		YP\AJ	Ok,M
36	I.BLK	I.BLK	PP071669.D	30 Apr 2025 23:00		YP\AJ	Ok,M
37	PB167809BL	PB167809BL	PP071670.D	30 Apr 2025 23:16		YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP043025

Review By	yogesh	Review On	4/30/2025 11:33:57 AM		
Supervise By	mohammad	Supervise On	5/2/2025 3:18:29 AM		
SubDirectory	PP043025	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PB167809BS	PB167809BS	PP071671.D	30 Apr 2025 23:33		YP\AJ	Ok
39	Q1921-06	BC271327-1-2	PP071672.D	30 Apr 2025 23:49		YP\AJ	Ok
40	Q1921-07	BC248150-1-1	PP071673.D	01 May 2025 00:05	DCB high in 1st column	YP\AJ	Ok,M
41	Q1921-08	BC248150-1-2	PP071674.D	01 May 2025 00:22	DCB high in 2nd column	YP\AJ	Ok,M
42	AR1660CCC500	AR1660CCC500	PP071675.D	01 May 2025 02:00		YP\AJ	Ok
43	AR1242CCC500	AR1242CCC500	PP071676.D	01 May 2025 02:49		YP\AJ	Ok,M
44	AR1248CCC500	AR1248CCC500	PP071677.D	01 May 2025 03:05		YP\AJ	Ok
45	AR1254CCC500	AR1254CCC500	PP071678.D	01 May 2025 03:21		YP\AJ	Ok,M
46	I.BLK	I.BLK	PP071679.D	01 May 2025 03:38		YP\AJ	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 04/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:29
Out Date: 04/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135528

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1860-01	P001-SS001-01	1	1.15	10.10	11.25	9.91	86.7	
Q1860-02	Q1860-01MS	2	1.15	10.10	11.25	9.91	86.7	
Q1860-03	Q1860-01MSD	3	1.15	10.10	11.25	9.91	86.7	
Q1860-04	P001-SS002-01	4	1.16	10.20	11.36	9.5	81.8	
Q1860-05	P001-SS002-02	5	1.18	10.48	11.66	9.99	84.1	
Q1860-06	P001-SS003-01	6	1.15	10.03	11.18	9.94	87.6	
Q1860-07	P001-SS004-01	7	1.12	10.22	11.34	9.96	86.5	
Q1860-08	P001-SS005-01	8	1.18	10.14	11.32	9.92	86.2	
Q1860-09	P001-SS006-01	9	1.17	10.44	11.61	10.51	89.5	
Q1860-10	P001-SS007-01	10	1.13	10.56	11.69	10.36	87.4	
Q1860-11	P001-SS008-01	11	1.14	10.27	11.41	10.26	88.8	
Q1860-12	P001-SS009-01	12	1.19	10.15	11.34	9.97	86.5	
Q1860-13	P001-SS010-01	13	1.19	10.09	11.28	9.33	80.7	
Q1860-14	P001-SS011-01	14	1.12	10.38	11.5	9.71	82.8	
Q1860-15	P001-SS012-01	15	1.19	10.31	11.5	9.57	81.3	
Q1860-16	P001-SS013-01	16	1.19	10.52	11.71	10.15	85.2	
Q1860-17	P001-SS014-01	17	1.19	10.35	11.54	9.45	79.8	
Q1860-18	P001-SS015-01	18	1.19	9.75	10.94	8.49	74.9	
Q1860-19	P001-SS016-01	19	1.14	10.38	11.52	9.77	83.1	
Q1860-20	Q1860-19MS	20	1.14	10.38	11.52	9.77	83.1	
Q1860-21	Q1860-19MSD	21	1.14	10.38	11.52	9.77	83.1	
Q1860-22	P001-SS017-01	22	1.13	10.81	11.94	10.26	84.5	
Q1860-23	P001-SS017-02	23	1.17	10.31	11.48	9.69	82.6	
Q1860-24	P001-SS018-01	24	1.12	9.77	10.89	9.87	89.6	
Q1860-25	P001-SS019-01	25	1.15	10.12	11.27	10.09	88.3	
Q1860-26	P001-SS020-01	26	1.14	9.88	11.02	9.54	85.0	
Q1860-27	P001-SS021-01	27	1.19	10.13	11.32	10.15	88.5	
Q1860-28	P001-SS022-01	28	1.17	9.41	10.58	9.03	83.5	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 04/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:29
Out Date: 04/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135528

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1860-29	P001-SS023-01	29	1.18	10.06	11.24	9.63	84.0	
Q1860-30	P001-SS024-01	30	1.18	10.02	11.2	9.66	84.6	
Q1860-31	P001-SS025-01	31	1.16	9.87	11.03	9.74	86.9	
Q1860-32	P001-SS026-01	32	1.15	9.72	10.87	8.85	79.2	
Q1860-33	P001-SS027-01	33	1.17	10.28	11.45	10.06	86.5	
Q1860-34	P001-SS028-01	34	1.15	10.17	11.32	9.05	77.7	
Q1860-35	P001-SS029-01	35	1.17	10.36	11.53	9.52	80.6	
Q1860-36	P001-SS030-01	36	1.14	10.13	11.27	9.62	83.7	
Q1860-37	P001-SS031-01	37	1.19	10.07	11.26	10.14	88.9	
Q1860-38	P001-SS032-01	38	1.17	9.98	11.15	9.85	87.0	
Q1860-39	P001-SS033-01	39	1.18	9.63	10.81	9.63	87.7	
Q1860-40	P001-SS034-01	40	1.17	10.18	11.35	10.12	87.9	
Q1860-41	P001-SS035-01	41	1.18	10.50	11.68	11.05	94.0	
Q1860-42	P001-SS036-01	42	1.12	10.23	11.35	10.78	94.4	
Q1862-01	50669	43	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1862-02	50670	44	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1862-03	50671	45	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1862-04	50674	46	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1862-05	50675	47	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1865-01	COMP-1	48	1.00	1.00	2.00	2.00	100.0	debris
Q1865-02	COMP-2	49	1.00	1.00	2.00	2.00	100.0	debris
Q1865-03	COMP-3	50	1.00	1.00	2.00	2.00	100.0	debris
Q1865-04	COMP-4	51	1.00	1.00	2.00	2.00	100.0	debris
Q1865-05	SOM-25-00051	52	1.15	9.97	11.12	10.04	89.2	
Q1866-01	BC238852LOK-1-1	53	1.00	1.00	2.00	2.00	100.0	pilc
Q1866-02	BC238852LOK-1-2	54	1.00	1.00	2.00	2.00	100.0	pilc
Q1867-01	RBR200059	55	1.14	9.92	11.06	10.16	90.9	
Q1867-02	RBR200059	56	1.19	10.26	11.45	10.11	86.9	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 04/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:29
Out Date: 04/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135528

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1867-03	VNJ211	57	1.19	10.43	11.62	9.63	80.9	
Q1867-04	VNJ211	58	1.18	10.75	11.93	9.89	81.0	
Q1868-01	HAEFELY-HIPOTRONICS	59	1.00	1.00	2.00	2.00	100.0	wipe sample

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

AB 135228

WorkList Name : %1-042325 **WorkList ID :** 189091 **Department :** Wet-Chemistry **Date :** 04-23-2025 08:11:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1860-01	P001-SS001-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-02	Q1860-01MS	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-03	Q1860-01MSD	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-04	P001-SS002-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-05	P001-SS002-02	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-06	P001-SS003-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-07	P001-SS004-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-08	P001-SS005-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-09	P001-SS006-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-10	P001-SS007-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-11	P001-SS008-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-12	P001-SS009-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/16/2025	Chemtech -SO
Q1860-13	P001-SS010-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/17/2025	Chemtech -SO
Q1860-14	P001-SS011-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/17/2025	Chemtech -SO
Q1860-15	P001-SS012-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/17/2025	Chemtech -SO
Q1860-16	P001-SS013-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/17/2025	Chemtech -SO
Q1860-17	P001-SS014-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/17/2025	Chemtech -SO
Q1860-18	P001-SS015-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/17/2025	Chemtech -SO
Q1860-19	P001-SS016-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/17/2025	Chemtech -SO
Q1860-20	Q1860-19MS	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/17/2025	Chemtech -SO
Q1860-21	Q1860-19MSD	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/17/2025	Chemtech -SO

Date/Time 04/23/25 15:25

Raw Sample Received by: JB (WC)

Raw Sample Relinquished by: AJ SH

Date/Time 04/23/25 17:20

Raw Sample Received by: AJ SH

Raw Sample Relinquished by: JB (WC)

WORKLIST(Hardcopy Internal Chain)

1313526

WorkList Name : %1-042325 **WorkList ID :** 189091 **Department :** Wet-Chemistry **Date :** 04-23-2025 08:11:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1860-22	P001-SS017-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-23	P001-SS017-02	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-24	P001-SS018-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-25	P001-SS019-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-26	P001-SS020-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-27	P001-SS021-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-28	P001-SS022-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-29	P001-SS02301	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-30	P001-SS024-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-31	P001-SS025-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-32	P001-SS026-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-33	P001-SS027-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-34	P001-SS028-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-35	P001-SS029-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-36	P001-SS030-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-37	P001-SS031-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-38	P001-SS032-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-39	P001-SS033-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-40	P001-SS034-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-41	P001-SS035-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO
Q1860-42	P001-SS036-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/21/2025	Chemtech -SO

Date/Time 04/23/25 1525

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 04/23/25 1720

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

NB35228

WorkList Name : %1-042325 **WorkList ID :** 189091 **Department :** Wet-Chemistry **Date :** 04-23-2025 08:11:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1862-01	50669	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/23/2025	Chemtech -SO
Q1862-02	50670	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/23/2025	Chemtech -SO
Q1862-03	50671	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/23/2025	Chemtech -SO
Q1862-04	50674	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/23/2025	Chemtech -SO
Q1862-05	50675	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/23/2025	Chemtech -SO
Q1865-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/23/2025	Chemtech -SO
Q1865-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/23/2025	Chemtech -SO
Q1865-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/23/2025	Chemtech -SO
Q1865-04	COMP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/23/2025	Chemtech -SO
Q1865-05	SOM-25-00051	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/23/2025	Chemtech -SO
Q1866-01	BC238852LOK-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/23/2025	Chemtech -SO
Q1866-02	BC238852LOK-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/22/2025	Chemtech -SO
Q1867-01	RBR200059	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/22/2025	Chemtech -SO
Q1867-02	RBR200059	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/23/2025	Chemtech -SO
Q1867-03	VNJ211	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/23/2025	Chemtech -SO
Q1867-04	VNJ211	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/23/2025	Chemtech -SO
Q1868-01	HAEFELY-HIPOTRONICS	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/23/2025	Chemtech -SO

Date/Time 04/23/25 15:25
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

Date/Time 04/23/25 17:20
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167721

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	04/24/2025
Matrix :	Solid			**Extraction Start Time :**	08:32
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	04/24/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:35
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24461
Surrogate	1.0ML	200 PPB	PP24460
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2601
Baked Na2SO4	N/A	EP2604
Sand	N/A	E2865
Hexane	N/A	E3916
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS723.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/24/25	RS (EXT lab)	R. Pest/PCB Lab
11:40	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167721

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 04/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167721BL	ABLK721	PCB	30.02	N/A	ritesh	Evelyn	10			U6-1
PB167721BS	ALCS721	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q1860-01	P001-SS001-01	PCB	30.07	N/A	ritesh	Evelyn	10			3
Q1860-02	Q1860-01MS	PCB	30.04	N/A	ritesh	Evelyn	10			4
Q1860-03	Q1860-01MSD	PCB	30.05	N/A	ritesh	Evelyn	10			5
Q1860-04	P001-SS002-01	PCB	30.02	N/A	ritesh	Evelyn	10			6
Q1860-05	P001-SS002-02	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
Q1860-06	P001-SS003-01	PCB	30.06	N/A	ritesh	Evelyn	10			2
Q1860-07	P001-SS004-01	PCB	30.03	N/A	ritesh	Evelyn	10			3
Q1860-08	P001-SS005-01	PCB	30.07	N/A	ritesh	Evelyn	10			4
Q1860-09	P001-SS006-01	PCB	30.08	N/A	ritesh	Evelyn	10			5
Q1860-10	P001-SS007-01	PCB	30.06	N/A	ritesh	Evelyn	10			6
Q1860-11	P001-SS008-01	PCB	30.03	N/A	ritesh	Evelyn	10			U1-1
Q1860-12	P001-SS009-01	PCB	30.01	N/A	ritesh	Evelyn	10			2
Q1860-13	P001-SS010-01	PCB	30.04	N/A	ritesh	Evelyn	10			3
Q1860-14	P001-SS011-01	PCB	30.06	N/A	ritesh	Evelyn	10			4
Q1860-15	P001-SS012-01	PCB	30.03	N/A	ritesh	Evelyn	10			5
Q1860-16	P001-SS013-01	PCB	30.05	N/A	ritesh	Evelyn	10			6
Q1860-17	P001-SS014-01	PCB	30.01	N/A	ritesh	Evelyn	10			U3-1
Q1860-18	P001-SS015-01	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q1860-22	P001-SS017-01	PCB	30.08	N/A	ritesh	Evelyn	10			3
Q1860-23	P001-SS017-02	PCB	30.04	N/A	ritesh	Evelyn	10			4
Q1860-24	P001-SS018-01	PCB	30.07	N/A	ritesh	Evelyn	10			5
Q1860-25	P001-SS019-01	PCB	30.06	N/A	ritesh	Evelyn	10			6

RS 4/24

* **Extracts relinguished on the same date as received.**

167721
8:32

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1860 **WorkList ID :** 189119 **Department :** Extraction **Date :** 04-24-2025 08:26:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1860-01	P001-SS001-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-02	Q1860-01MS	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-03	Q1860-01MSD	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-04	P001-SS002-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-05	P001-SS002-02	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-06	P001-SS003-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-07	P001-SS004-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-08	P001-SS005-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-09	P001-SS006-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-10	P001-SS007-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-11	P001-SS008-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/16/2025	8082A
Q1860-12	P001-SS009-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/17/2025	8082A
Q1860-13	P001-SS010-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/17/2025	8082A
Q1860-14	P001-SS011-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/17/2025	8082A
Q1860-15	P001-SS012-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/17/2025	8082A
Q1860-16	P001-SS013-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/17/2025	8082A
Q1860-17	P001-SS014-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/17/2025	8082A
Q1860-18	P001-SS015-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/17/2025	8082A
Q1860-22	P001-SS017-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-23	P001-SS017-02	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-24	P001-SS018-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A

Date/Time 4/24/25 8:27
Raw Sample Received by: RJ (Ext-(26)
Raw Sample Relinquished by: SM

Date/Time 4/24/25 9:10
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ext-(26)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1860 **WorkList ID :** 189119 **Department :** Extraction **Date :** 04-24-2025 08:26:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1860-25	P001-SS019-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A

Date/Time 4/24/25 8:27
Raw Sample Received by: RJ (Ext lab)
Raw Sample Relinquished by: [signature]

Date/Time 4/24/25 9:10
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RJ (Ext lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167737

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	04/25/2025
Matrix :	Solid			**Extraction Start Time :**	08:20
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	04/25/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:20
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24461
Surrogate	1.0ML	200 PPB	PP24460
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2601
Baked Na2SO4	N/A	EP2604
Sand	N/A	E2865
Hexane	N/A	E3928
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS723.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/25/25	RS (Ext- lab)	Y-P-Pest-IPCB.
11:25	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167737

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 04/25/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167737BL	ABLK737	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB167737BS	ALCS737	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q1860-19	P001-SS016-01	PCB	30.05	N/A	ritesh	Evelyn	10			3
Q1860-20	Q1860-19MS	PCB	30.04	N/A	ritesh	Evelyn	10			4
Q1860-21	Q1860-19MSD	PCB	30.01	N/A	ritesh	Evelyn	10			5
Q1860-26	P001-SS020-01	PCB	30.02	N/A	ritesh	Evelyn	10			6
Q1860-27	P001-SS021-01	PCB	30.04	N/A	ritesh	Evelyn	10			U3-1
Q1860-28	P001-SS022-01	PCB	30.06	N/A	ritesh	Evelyn	10			2
Q1860-29	P001-SS023-01	PCB	30.09	N/A	ritesh	Evelyn	10			3
Q1860-30	P001-SS024-01	PCB	30.05	N/A	ritesh	Evelyn	10			4
Q1860-31	P001-SS025-01	PCB	30.03	N/A	ritesh	Evelyn	10			5
Q1860-32	P001-SS026-01	PCB	30.01	N/A	ritesh	Evelyn	10			6
Q1860-33	P001-SS027-01	PCB	30.04	N/A	ritesh	Evelyn	10			U6-1
Q1860-34	P001-SS028-01	PCB	30.05	N/A	ritesh	Evelyn	10			2
Q1860-35	P001-SS029-01	PCB	30.02	N/A	ritesh	Evelyn	10			3
Q1860-36	P001-SS030-01	PCB	30.06	N/A	ritesh	Evelyn	10			4
Q1860-37	P001-SS031-01	PCB	30.09	N/A	ritesh	Evelyn	10			5
Q1860-38	P001-SS032-01	PCB	30.02	N/A	ritesh	Evelyn	10			6
Q1860-39	P001-SS033-01	PCB	30.05	N/A	ritesh	Evelyn	10			U1-1
Q1860-40	P001-SS034-01	PCB	30.04	N/A	ritesh	Evelyn	10			2
Q1860-41	P001-SS035-01	PCB	30.01	N/A	ritesh	Evelyn	10			3
Q1860-42	P001-SS036-01	PCB	30.07	N/A	ritesh	Evelyn	10			4

RS
4/25

* **Extracts relinguished on the same date as received.**

16773
8:29

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1860P **WorkList ID :** 189141 **Department :** Extraction **Date :** 04-25-2025 08:15:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1860-19	P001-SS016-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/17/2025	8082A
Q1860-20	Q1860-19MS	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/17/2025	8082A
Q1860-21	Q1860-19MSD	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/17/2025	8082A
Q1860-26	P001-SS020-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-27	P001-SS021-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-28	P001-SS022-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-29	P001-SS023-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-30	P001-SS024-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-31	P001-SS025-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-32	P001-SS026-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-33	P001-SS027-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-34	P001-SS028-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-35	P001-SS029-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-36	P001-SS030-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-37	P001-SS031-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-38	P001-SS032-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-39	P001-SS033-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-40	P001-SS034-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-41	P001-SS035-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A
Q1860-42	P001-SS036-01	Solid	PCB	Cool 4 deg C	ROYF02	L51	04/21/2025	8082A

Date/Time 04/25/25 8:15
Raw Sample Received by: RJ (LEA-Lab)
Raw Sample Relinquished by: SM

Date/Time 04/25/25 9:45
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (LEA-Lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q1860

Test : PCB

Prepbatch ID : PB167721,PB167737,

Sequence ID/Qc Batch ID: PO042425,PO042525,PO042825,PO042925,PP042425,PP042825,PP042925,PP043025,

Standard ID :

EP2565,EP2601,EP2604,PP24329,PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369,PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387,PP24460,PP24461,

Chemical ID :

E2865,E3551,E3804,E3877,E3916,E3917,E3928,M5173,P11522,P12699,P12702,P12931,P12936,P12949,P12955,P12957,P13355,P13356,P13373,P13381,P13589,P13591,P13697,P13702,P13830,P13878,P13883,W3112,W3177,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2601	04/07/2025	10/03/2025	Rajesh Parikh	None	None	Riteshkumar Patel 04/07/2025

FROM 8000.00000ml of E3916 + 8000.00000ml of E3917 = Final Quantity: 8000.000 ml

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2604	04/16/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 04/16/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP24331	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	PP24332	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP24333	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	PP24334	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24332 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP24335	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13702 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP24336	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP24337	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24335 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP24338	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP24339	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24337 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP24340	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13878 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP24341	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP24342	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24340 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP24343	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP24344	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24342 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP24345	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12931 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP24346	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.75000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP24347	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24345 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP24348	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP24349	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24347 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP24350	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12936 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP24351	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24350 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP24352	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24350 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP24353	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24350 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP24354	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24352 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP24355	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13830 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP24356	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP24357	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24355 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP24358	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP24359	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24357 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP24360	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13883 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP24361	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP24362	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24360 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP24363	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP24364	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24362 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP24365	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13381 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP24366	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP24367	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24365 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP24368	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP24369	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24367 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP24370	03/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12949 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP24371	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 98.50000ml of W3177 + 0.50000ml of PP24329 + 1.00000ml of PP24370 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP24372	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24371 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24373	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13373 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1886	AR1221 500 PPB ICV	PP24374	03/18/2025	08/12/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of E3877 + 0.50000ml of W3177 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24375	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12699 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP24376	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24375 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24377	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13589 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP24378	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24377 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24379	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13591 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP24380	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24379 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP24382	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP24384	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12702 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP24385	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24384 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24386	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P11522 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP24387	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24386 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24460	04/11/2025	10/03/2025	Abdul Mirza	None	None	Yogesh Patel 04/16/2025

FROM 1.00000ml of P13355 + 999.00000ml of E3917 = Final Quantity: 1000.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24461	04/11/2025	10/03/2025	Abdul Mirza	None	None	Yogesh Patel 04/16/2025

FROM 0.50000ml of P12955 + 99.50000ml of E3917 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	0000243821	06/30/2025	04/30/2020 / RAJESH	04/28/2020 / RAJESH	E2865

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	11/05/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	10/03/2025	04/03/2025 / Rajesh	03/31/2025 / Rajesh	E3916

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	10/03/2025	04/03/2025 / Rajesh	03/31/2025 / Rajesh	E3917

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	10/22/2025	04/18/2025 / RUPESH	04/16/2025 / RUPESH	E3928

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	0000281827	06/02/2025	06/01/2022 /	04/05/2022 / william	M5173

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	09/18/2025	03/18/2025 / yogesh	02/21/2022 / Ankita	P11522

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	91867 / Aroclor 1232 100 ug/mL	020823	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12699

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	x9166 / Aroclor 1262 100 ug/mL	060523	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12702

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	a0203672	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12931

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	a0202803	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12936

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	09/18/2025	03/18/2025 / yogesh	12/20/2023 / Yogesh	P12949

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	10/11/2025	04/11/2025 / Abdul	12/20/2023 / Yogesh	P12955

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	10/11/2025	04/11/2025 / Abdul	04/22/2024 / Abdul	P13355

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0207475	09/18/2025	03/18/2025 / yogesh	05/03/2024 / Abdul	P13381

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13589

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13591

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0210629	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0215270	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13702

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0217391	09/18/2025	03/18/2025 / yogesh	12/09/2024 / Ankita	P13830

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0219655	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13878

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0220950	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13883

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

Sand
Purified
Washed and Ignited

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Material No.: 3382-05
Batch No.: 0000243821
Manufactured Date: 2018/04/09
Retest Date: 2025/04/07
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Substances Soluble in HCl	<= 0.16 %	0.01

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC

E 2865

James T Ethier

Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RB on 7/24/23 E3551

Acetone
CMOS

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Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

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Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

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Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd by RP on 2/12/25

E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

Certificate of Analysis

ThermoFisher SCIENTIFIC

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Harout Sahagian - Quality Control Manager - Fair Lawn

Rec'd by RP on 3/31/25

E3916

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 03/31/25

E3917

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3928

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

Material No.: 9530-33
Batch No.: 0000281827
Manufactured Date: 2021/03/30
Retest Date: 2026/03/29
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.189
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	< 1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	0.5
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	15.0
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Material No.: 9530-33
Batch No.: 0000281827

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	3.0
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	1.0
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	< 0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.2
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	18.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.4
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC



For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refere

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Aceton

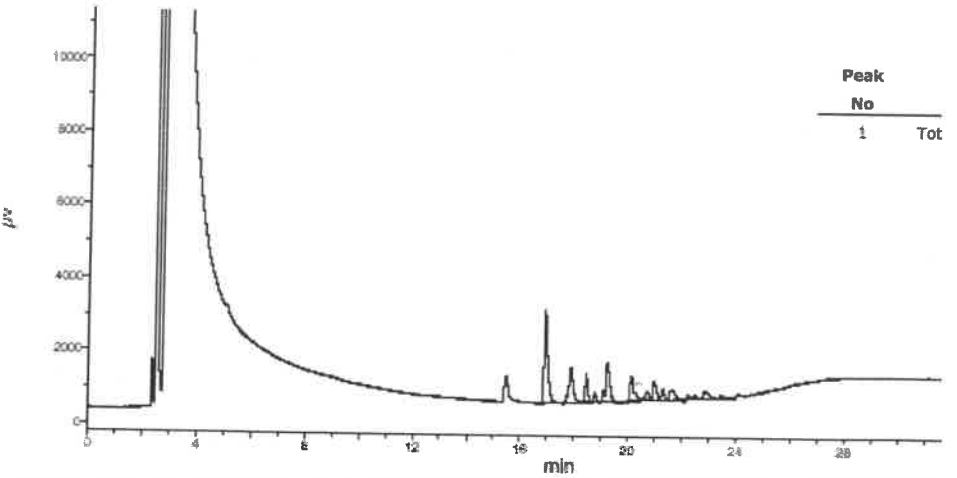
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0203672

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12928
↓
P12932
AJ
12/07/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

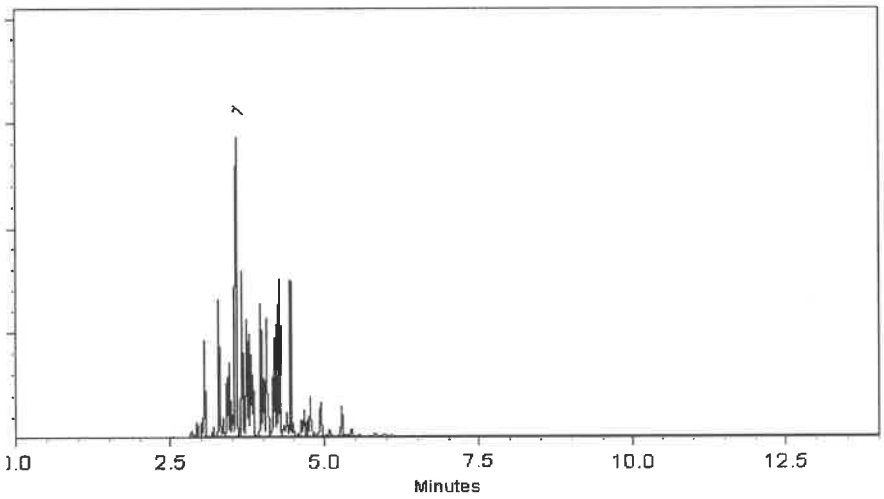
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12933 ↓ P12937 AJ 12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

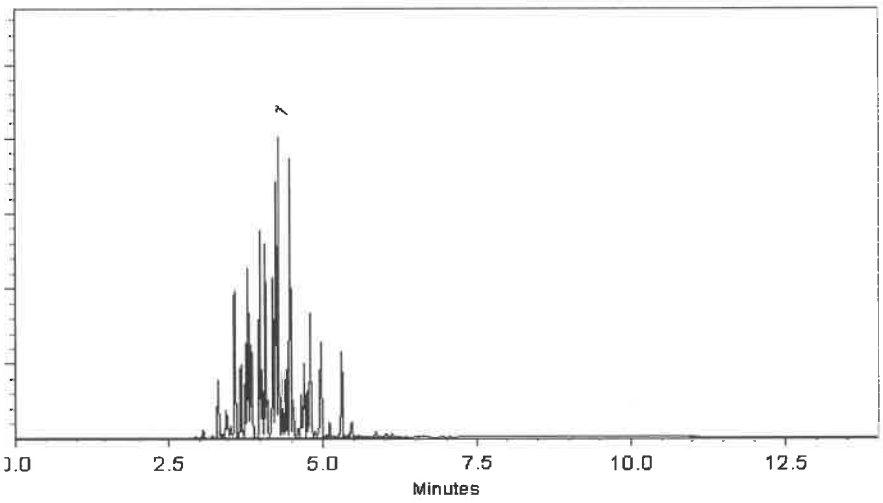
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

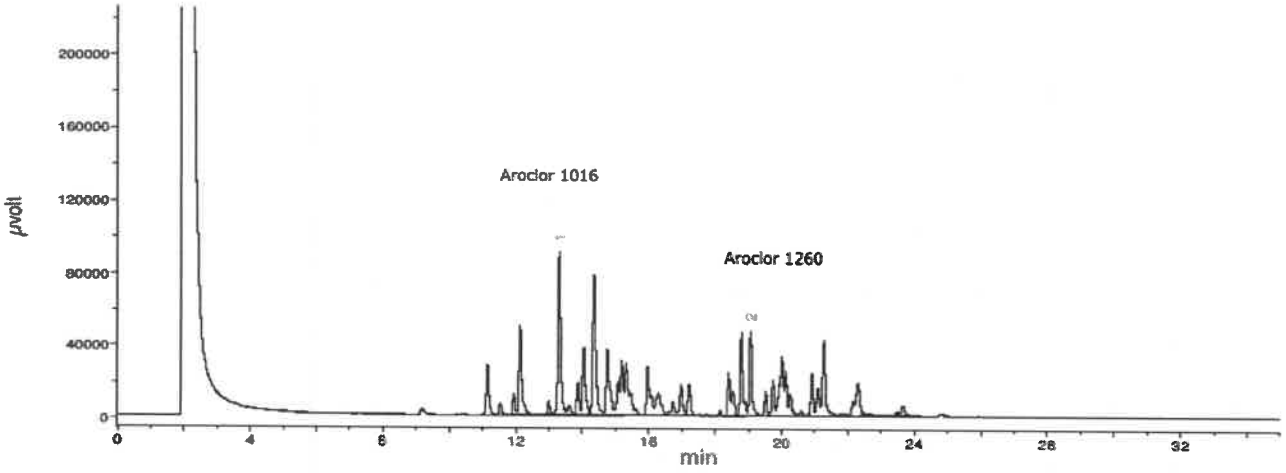
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

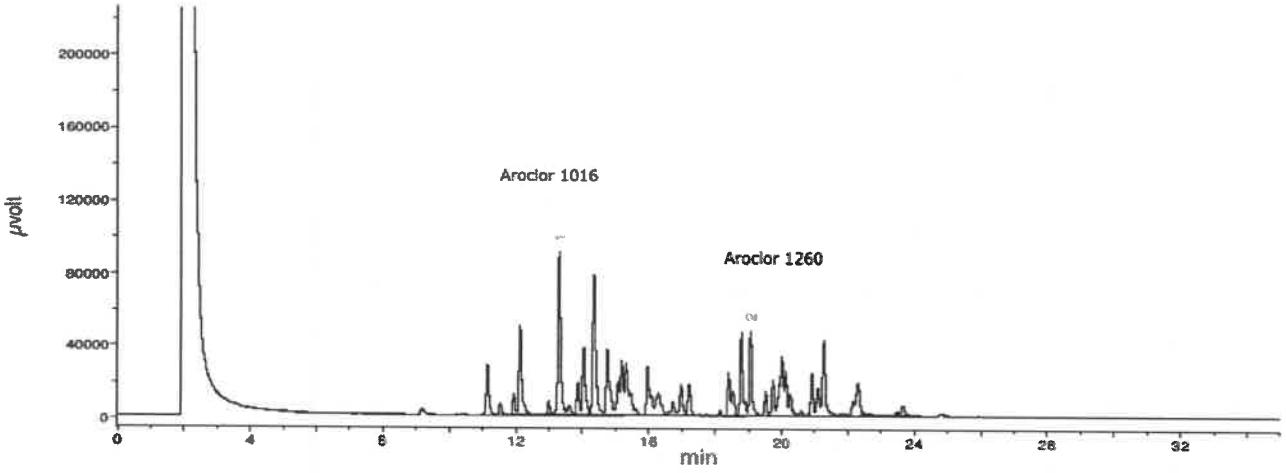
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y.P. 12/20/23

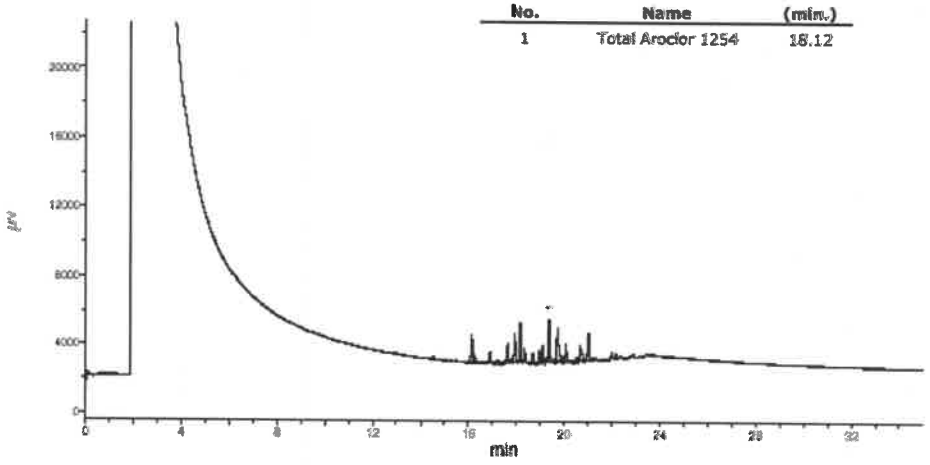
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 ↓ P13357 (10)

04/25/2024

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

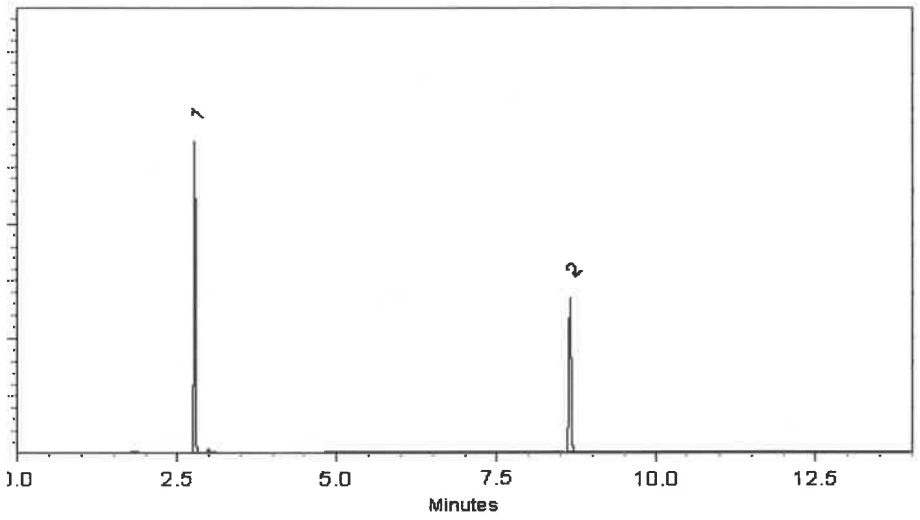
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13348 (10)

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P13357

04/25/2025

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110 Benner Circle
Bellefonte, PA 16823-8812
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 ↓ P13357 (10)

04/25/2024

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

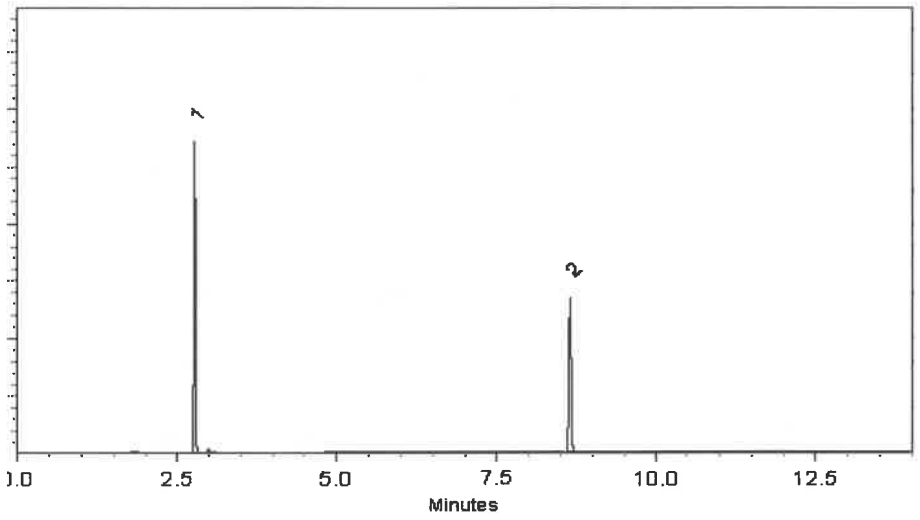
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13348 (10)

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P13357

04/25/2025

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Aroclor 1221 Standard	**Lot Number:**	0006783205
Product Number:	PP-292-1	**Lot Issue Date:**	20-Feb-2024
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Mar-2032

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1221	100.3	±	0.5 µg/mL	011104-28-2	NT01017

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P133f2
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P133f3

AJ
05106124

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Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois

QMS Representative

ANAB ANSI National Accreditation Board ACCREDITED REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

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CSD-QA-015.2

ISO 17025
Cert No. AT-1937

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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0207475

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1268	11100-14-4	10947000	----%	1,000.0 µg/mL	+/- 55.4925

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13380 2
P 13381
1
05/6/2024

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

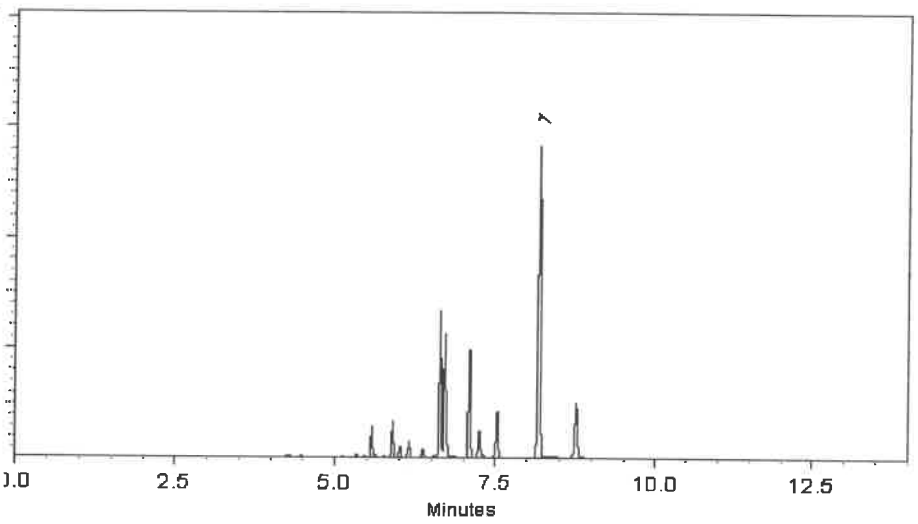
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 500:1

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 06-Feb-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

Date Passed: 09-Feb-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13380 (2)
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P13381
1

05/6/2024

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4	±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589
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P13590

AJ
10/14/24

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Aroclor 1248 Standard
Product Number: PP-342-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006726317
Lot Issue Date: 27-Jan-2023
Expiration Date: 28-Feb-2031

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3	±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591
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P13592

AJ
10/14/2024

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Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0210629

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13697 ↓ P13701 } Y.P. 10/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

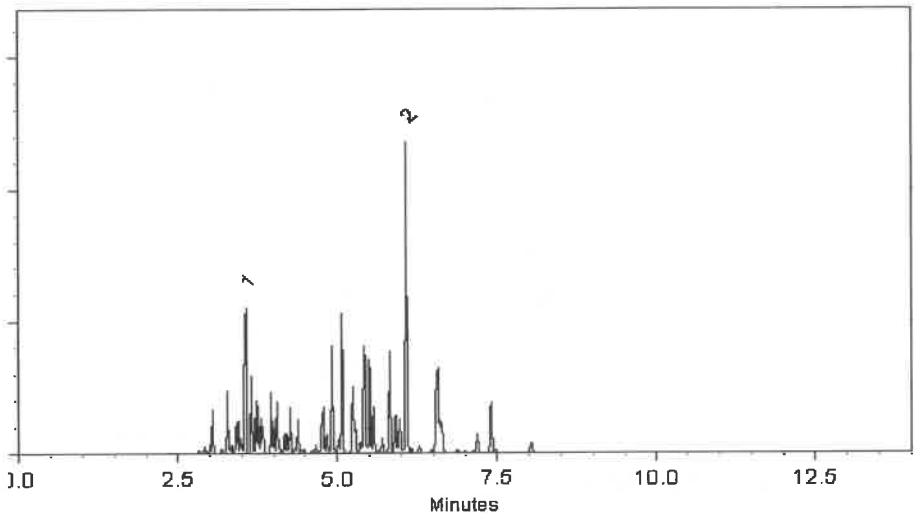
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0215270

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13702 & P13703 } Y.P. 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	14969200	----%	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

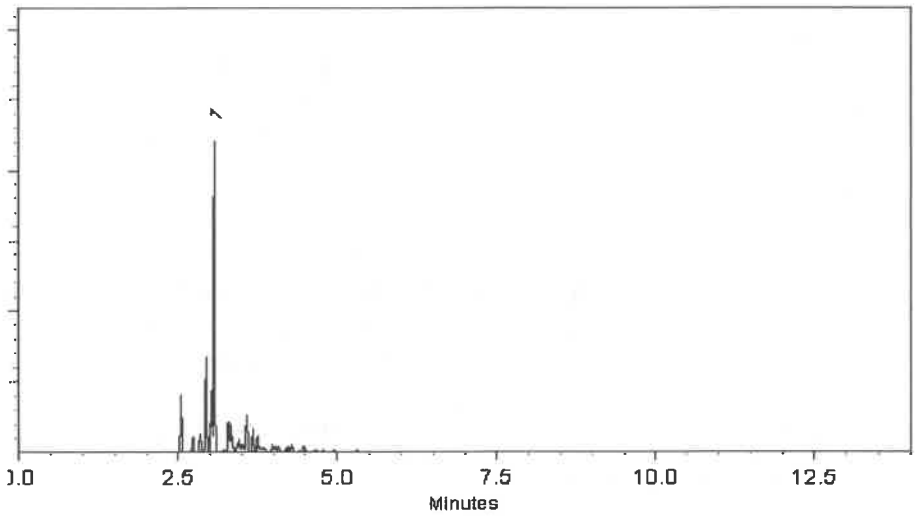
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 16-Aug-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 20-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13830
↓
P13832

AJ
12/09/24

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

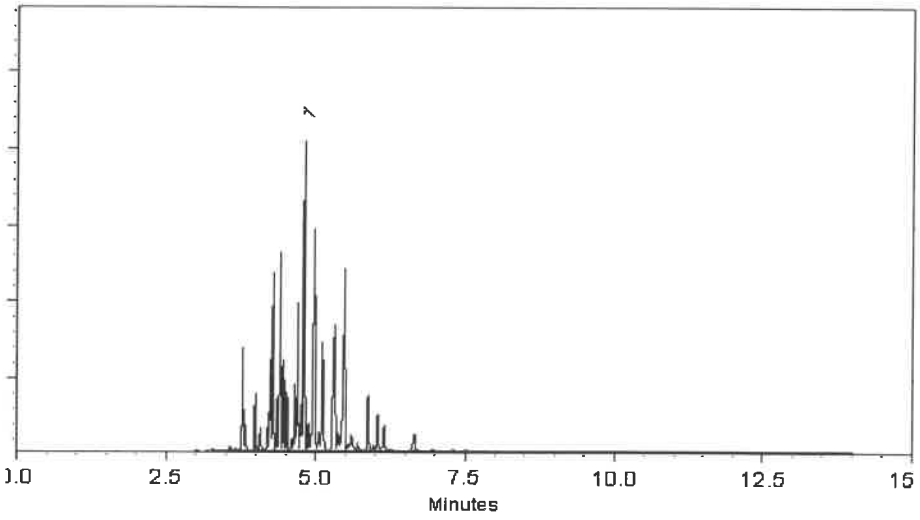
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I **Date Mixed:** 02-Oct-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 07-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0219655

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	----%	1,007.0 µg/mL	+/- 55.8810

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

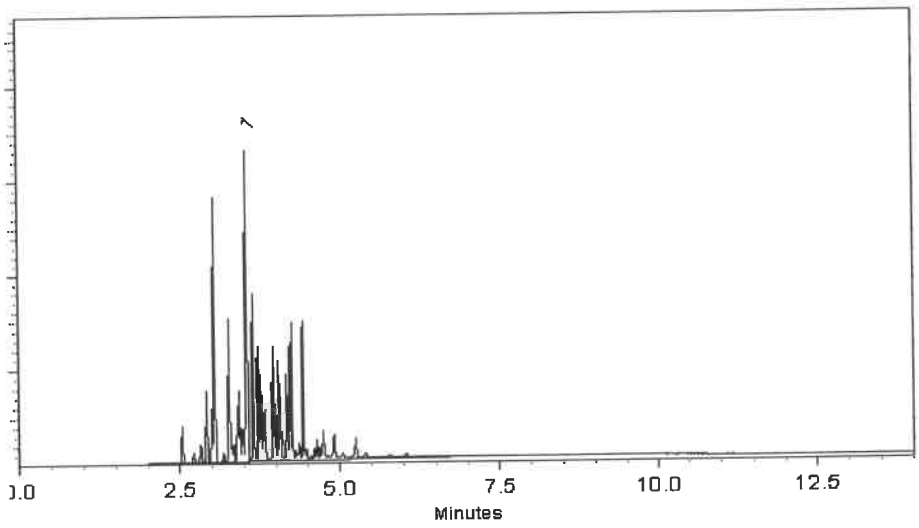
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0220950

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1262	37324-23-5	10849100	----%	1,002.0 µg/mL	+/- 55.6035

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P138852
↓
P138853

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

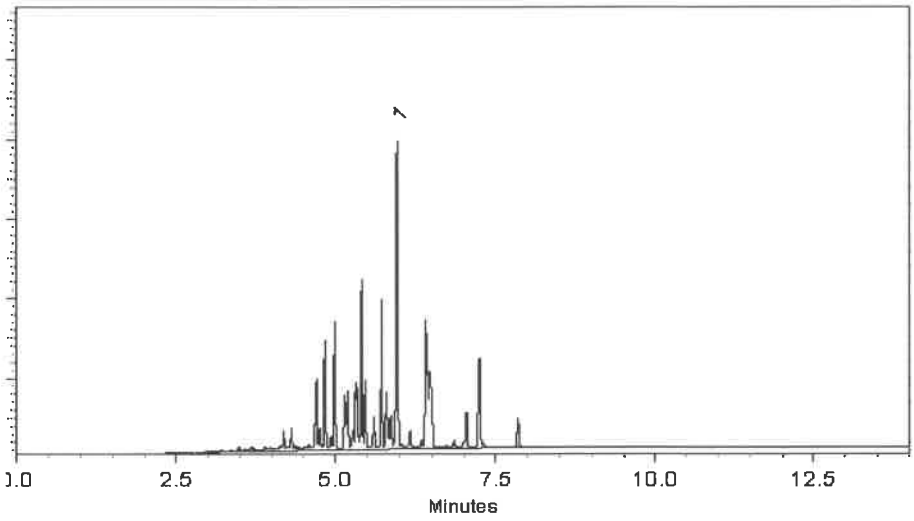
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 09-Jan-2025 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 14-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

W3147

W3147 update. 02/03/2025 JP

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production



SHIPPING DOCUMENTS

Q1860

USEPA

DateShipped: 4/22/2025

CarrierName: FedEx

AirbillNo: 880713748116

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-042225-0004-0037-01

TAT 5 Days

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-SS001-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/16/2025	11:15	2	8 oz glass	4 C	Y
	P001-SS002-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/16/2025	11:30	1	8 oz glass	4 C	N
	P001-SS002-02	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/16/2025	11:30	1	8 oz glass	4 C	N
	P001-SS003-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/16/2025	11:45	1	8 oz glass	4 C	N
	P001-SS004-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/16/2025	11:50	1	8 oz glass	4 C	N
	P001-SS005-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/16/2025	12:00	1	8 oz glass	4 C	N
	P001-SS006-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/16/2025	16:10	1	8 oz glass	4 C	N
	P001-SS007-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/16/2025	16:15	1	8 oz glass	4 C	N
	P001-SS008-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/16/2025	16:30	1	8 oz glass	4 C	N
	P001-SS009-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/17/2025	12:45	1	8 oz glass	4 C	N
	P001-SS010-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/17/2025	12:50	1	8 oz glass	4 C	N
	P001-SS011-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/17/2025	15:35	1	8 oz glass	4 C	N
	P001-SS012-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/17/2025	15:40	1	8 oz glass	4 C	N
	P001-SS013-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/17/2025	15:45	1	8 oz glass	4 C	N
	P001-SS014-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/17/2025	15:50	1	8 oz glass	4 C	N
	P001-SS015-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/17/2025	15:55	1	8 oz glass	4 C	N
	P001-SS016-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/17/2025	16:05	2	8 oz glass	4 C	Y
	P001-SS017-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/17/2025	16:15	1	8 oz glass	4 C	N

Special Instructions: Please email results to S.Sumbaly@WestonSolutions.com and Josh.Frizzell@WestonSolutions.com. TAT 5 days.

RFP#911

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Weston	4-22-25/0900		0935 4-23-25	IR Gun #1 Temp 3.2°C Custody Seal intact Temp blank present

Q1860

USEPA

DateShipped: 4/22/2025

CarrierName: FedEx

AirbillNo: 880713748116

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-042225-0004-0037-01

TAT 5 Days

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-SS017-02	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/17/2025	16:15	1	8 oz glass	4 C	N
	P001-SS018-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	08:00	1	8 oz glass	4 C	N
	P001-SS019-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	08:15	1	8 oz glass	4 C	N
	P001-SS020-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	08:17	1	8 oz glass	4 C	N
	P001-SS021-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	08:20	1	8 oz glass	4 C	N
	P001-SS022-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	08:25	1	8 oz glass	4 C	N
	P001-SS023-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	08:30	1	8 oz glass	4 C	N
	P001-SS024-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	08:40	1	8 oz glass	4 C	N
	P001-SS025-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	08:45	1	8 oz glass	4 C	N
	P001-SS026-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	08:50	1	8 oz glass	4 C	N
	P001-SS027-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	09:00	1	8 oz glass	4 C	N
	P001-SS028-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	09:08	1	8 oz glass	4 C	N
	P001-SS029-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	09:06	1	8 oz glass	4 C	N
	P001-SS030-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	09:30	1	8 oz glass	4 C	N
	P001-SS031-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	09:50	1	8 oz glass	4 C	N
	P001-SS032-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	10:00	1	8 oz glass	4 C	N
	P001-SS033-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	10:05	1	8 oz glass	4 C	N
	P001-SS034-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	10:10	1	8 oz glass	4 C	N

Special Instructions: Please email results to S.Sumbaly@WestonSolutions.com and Josh.Frizzell@WestonSolutions.com. TAT 5 days.

RFP # 911

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All samples All Analyses	Weston	4-22-25/0900		0935 4-23-25	IR Gun #1 Temp 3.2 C Custody Seal intact Temp blank present

Q1860

USEPA
DateShipped: 4/22/2025
CarrierName: FedEx
AirbillNo: 880713748116

CHAIN OF CUSTODY RECORD
Site #: 02FP
Contact Name Josh Frizzell
(470) 277-4600

No: 2-042225-0004-0037-01
TAT 5 Days
Lab: Alliance Technical Group, LLC - Non CLP
Lab Phone: 908-728-3144

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-SS035-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	10:20	1	8 oz glass	4 C	N
	P001-SS036-01	FHG West	TAL PCBs (TAT 5 Days)	Soil	4/21/2025	10:25	1	8 oz glass	4 C	N

JDF
4-22-2025

Special Instructions: Please email results to S.Sumbaly@WestonSolutions.com and Josh.Frizzell@WestonSolutions.com. TAT 5 days.
RFP #911

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Weston	4-22-25/0900		0935 4-23-25	IR Gun #1 Temp 3.2C Custody Seal intact Temp blank present

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148