284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : R37108

TETRA TECH, EMI

240 Continental Drive, Suite 200

Newark, DE - 19713

Phone No: 302-738-7551

ORDER ID : Q3694

ATTENTION : Ava Heiss

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3694

Project ID : R37108

Client : Tetra Tech, EMI

Lab Sample Number	Client Sample Number
Q3694-01	C0AD8
Q3694-02	C0AE1
Q3694-03	C0AE2
Q3694-04	C0AE3
Q3694-05	C0AF3
Q3694-06	C0AF4
Q3694-07	C0AF5
Q3694-08	C0AF6
Q3694-09	C0AL8
Q3694-10	C0AL9
Q3694-11	C0AM0
Q3694-12	C0AM1
Q3694-13	C0AM2
Q3694-14	C0AM3
Q3694-15	C0AM4
Q3694-16	C0AM5

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: 12/3/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech, EMI
Project Name: R37108
Project # N/A
Order ID # Q3694
Test Name: PCB

A. Number of Samples and Date of Receipt:
16 Solid samples were received on 11/20/2025.

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_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 were met for all analysis except for C0AD8DL [Decachlorobiphenyl(2)185%], Due to high concentration of compounds, this sample required dilution Therefore, sample was reanalyzed with dilution and reported, C0AD8DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0% and Tetrachloro-m-xylene(2)0%]Surrogates were diluted out due to the high dilution, no further corrective action was taken.

The Retention Times were met for all analysis.

The MS {Q3694-01MS} with File ID: PO115470.D recoveries met the requirements for all compounds except for [AR1260(1)-8228% - AR1260(2)-7644%] due to matrix interference.

The MSD {Q3694-01MSD} with File ID: PO115471.D recoveries met the requirements for all compounds except for [AR1260(1)-8224% - AR1260(2)-7640%] due to matrix interference.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.

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The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID PO115365.D met the requirements except for Aroclor-1260(Peak-02) is failing in 1st column however it is passing in 2nd column AND Aroclor-1016(Peak-05) is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.

The Continuous Calibration File ID PO115479.D met the requirements except for Aroclor-1260(Peak-02) is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.

Samples C0AD8, C0AD8DL, C0AE1 and C0AM1 were diluted due to high concentrations.

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

F. 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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908-789-8900 Fax: 908-789-8922

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

ORDER ID: Q3694 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 PO115365.D met the requirements except for Aroclor-1260(Peak-02) is failing in 1st column however it is passing in 2nd column AND Aroclor-1016(Peak-05) is failing in 2nd column however it is passing in 1st column therefore no corrective action taken. The Continuous Calibration File ID PO115479.D met the requirements except for Aroclor-1260(Peak-02) is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries were met for all analysis except for C0AD8DL [Decachlorobiphenyl(2)185%], Due to high concentration of compounds, this sample required dilution Therefore, sample was reanalyzed with dilution and reported, C0AD8DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0% and Tetrachloro-m-xylene(2)0%]Surrogates were diluted out due to the high dilution, no further corrective action was taken.		✓	
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 {Q3694-01MS} with File ID: PO115470.D recoveries met the requirements for all compounds except for [AR1260(1)-8228% - AR1260(2)-7644%] due to matrix interference. The MSD {Q3694-01MSD} with File ID: PO115471.D recoveries met the requirements for all compounds except for [AR1260(1)-8224% - AR1260(2)-7640%] due to matrix interference. The Blank Spike met requirements for all compounds. The RPD were met for all analysis.		✓	

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
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 C0AD8, C0AD8DL, C0AE1 and C0AM1 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 #: Q3694

	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:** 12/03/2025

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LAB CHRONICLE

OrderID:	Q3694	**OrderDate:**	11/20/2025 11:12:00 AM
Client:	Tetra Tech, EMI	**Project:**	R37108
Contact:	Ava Heiss	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3694-01	**C0AD8**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3694-01DL	**C0AD8DL**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/25/25	
Q3694-01DL2	**C0AD8DL2**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/25/25	
Q3694-02	**C0AE1**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3694-02DL	**C0AE1DL**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/25/25	
Q3694-03	**C0AE2**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3694-04	**C0AE3**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3694-05	**C0AF3**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3694-06	**C0AF4**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3694-07	**C0AF5**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3694-08	**C0AF6**	**SOIL**			**11/14/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	

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LAB CHRONICLE

Q3694-09	**C0AL8**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	
Q3694-10	**C0AL9**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	
Q3694-11	**C0AM0**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	
Q3694-12	**C0AM1**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	
Q3694-12DL	**C0AM1DL**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/25/25	
Q3694-13	**C0AM2**	**SOIL**			**11/19/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	
Q3694-14	**C0AM3**	**SOIL**			**11/19/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	
Q3694-15	**C0AM4**	**SOIL**			**11/19/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	
Q3694-16	**C0AM5**	**SOIL**			**11/19/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3694 **Order ID:** Q3694

Client: Tetra Tech, EMI **Project ID:** R37108

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AD8								
Q3694-01	C0AD8	SOIL	Aroclor-1260	21000	E	4.00	21.0	ug/kg
			Total Concentration:	**21,000.000**				
Client ID : C0AD8DL								
Q3694-01DL	C0AD8DL	SOIL	Aroclor-1260	20000	ED	39.9	210	ug/kg
			Total Concentration:	**20,000.000**				
Client ID : C0AD8DL2								
Q3694-01DL2	C0AD8DL2	SOIL	Aroclor-1260	18000	D	399	2100	ug/kg
			Total Concentration:	**18,000.000**				
Client ID : C0AE1								
Q3694-02	C0AE1	SOIL	Aroclor-1260	539	E	3.80	20.2	ug/kg
			Total Concentration:	**539.000**				
Client ID : C0AE1DL								
Q3694-02DL	C0AE1DL	SOIL	Aroclor-1260	506	D	7.70	40.4	ug/kg
			Total Concentration:	**506.000**				
Client ID : C0AE2								
Q3694-03	C0AE2	SOIL	Aroclor-1260	131		4.10	21.3	ug/kg
			Total Concentration:	**131.000**				
Client ID : C0AE3								
Q3694-04	C0AE3	SOIL	Aroclor-1242	52.6		4.80	20.5	ug/kg
Q3694-04	C0AE3	SOIL	Aroclor-1260	11.1	J	3.90	20.5	ug/kg
			Total Concentration:	**63.700**				
Client ID : C0AF3								
Q3694-05	C0AF3	SOIL	Aroclor-1260	65.9		4.00	20.9	ug/kg
			Total Concentration:	**65.900**				
Client ID : C0AF4								
Q3694-06	C0AF4	SOIL	Aroclor-1260	47.6		4.00	21.1	ug/kg
			Total Concentration:	**47.600**				
Client ID : C0AF5								
Q3694-07	C0AF5	SOIL	Aroclor-1242	89.3		4.90	20.9	ug/kg

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Hit Summary Sheet
SW-846

SDG No.: Q3694 **Order ID:** Q3694

Client: Tetra Tech, EMI **Project ID:** R37108

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3694-07	C0AF5	SOIL	Aroclor-1254	90.2		3.90	20.9	ug/kg
Q3694-07	C0AF5	SOIL	Aroclor-1260	82.5		4.00	20.9	ug/kg
			Total Concentration:	**262.000**				
Client ID :	**C0AF6**							
Q3694-08	C0AF6	SOIL	Aroclor-1242	39.6		4.90	20.6	ug/kg
Q3694-08	C0AF6	SOIL	Aroclor-1260	33.1		3.90	20.6	ug/kg
			Total Concentration:	**72.700**				
Client ID :	**C0AL8**							
Q3694-09	C0AL8	SOIL	Aroclor-1260	46.7		3.80	20.0	ug/kg
			Total Concentration:	**46.700**				
Client ID :	**C0AL9**							
Q3694-10	C0AL9	SOIL	Aroclor-1254	251		3.90	20.4	ug/kg
Q3694-10	C0AL9	SOIL	Aroclor-1260	233		3.90	20.4	ug/kg
			Total Concentration:	**484.000**				
Client ID :	**C0AM0**							
Q3694-11	C0AM0	SOIL	Aroclor-1260	43.5		3.80	20.0	ug/kg
			Total Concentration:	**43.500**				
Client ID :	**C0AM1**							
Q3694-12	C0AM1	SOIL	Aroclor-1260	1100	E	3.90	20.8	ug/kg
			Total Concentration:	**1,100.000**				
Client ID :	**C0AM1DL**							
Q3694-12DL	C0AM1DL	SOIL	Aroclor-1260	1000	D	19.7	104	ug/kg
			Total Concentration:	**1,000.000**				
Client ID :	**C0AM2**							
Q3694-13	C0AM2	SOIL	Aroclor-1260	63.6		4.30	22.4	ug/kg
			Total Concentration:	**63.600**				
Client ID :	**C0AM3**							
Q3694-14	C0AM3	SOIL	Aroclor-1260	28.0		4.20	22.2	ug/kg
			Total Concentration:	**28.000**				
Client ID :	**C0AM4**							

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Hit Summary Sheet
SW-846

SDG No.: Q3694 **Order ID:** Q3694

Client: Tetra Tech, EMI **Project ID:** R37108

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3694-15	C0AM4	SOIL	Aroclor-1260	13.7	J	4.30	22.6	ug/kg
			Total Concentration:	**13.700**				
Client ID :	**C0AM5**							
Q3694-16	C0AM5	SOIL	Aroclor-1260	9.30	J	4.30	22.6	ug/kg
			Total Concentration:	**9.300**				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3694

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO114870.D	PIBLK-PO114870.D	Tetrachloro-m-xyl	1	20	15.5	77		60	140
		Decachlorobiphen	1	20	16.8	84		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	17.3	86		60	140
I.BLK-PO115329.D	PIBLK-PO115329.D	Tetrachloro-m-xyl	1	20	24.7	124		60	140
		Decachlorobiphen	1	20	25.4	127		60	140
		Tetrachloro-m-xyl	2	20	24.7	124		60	140
		Decachlorobiphen	2	20	25.0	125		60	140
PB170688BL	PB170688BL	Tetrachloro-m-xyl	1	20	24.4	122		21	165
		Decachlorobiphen	1	20	25.3	127		10	170
		Tetrachloro-m-xyl	2	20	24.1	120		21	165
		Decachlorobiphen	2	20	24.9	125		10	170
PB170688BS	PB170688BS	Tetrachloro-m-xyl	1	20	24.1	121		21	165
		Decachlorobiphen	1	20	25.4	127		10	170
		Tetrachloro-m-xyl	2	20	22.8	114		21	165
		Decachlorobiphen	2	20	25.7	128		10	170
Q3694-01	C0AD8	Tetrachloro-m-xyl	1	20	27.1	136		21	165
		Decachlorobiphen	1	20	32.6	163		10	170
		Tetrachloro-m-xyl	2	20	26.7	134		21	165
		Decachlorobiphen	2	20	31.6	158		10	170
Q3694-02	C0AE1	Tetrachloro-m-xyl	1	20	27.2	136		21	165
		Decachlorobiphen	1	20	26.2	131		10	170
		Tetrachloro-m-xyl	2	20	26.8	134		21	165
		Decachlorobiphen	2	20	26.2	131		10	170
I.BLK-PO115344.D	PIBLK-PO115344.D	Tetrachloro-m-xyl	1	20	24.8	124		60	140
		Decachlorobiphen	1	20	25.9	129		60	140
		Tetrachloro-m-xyl	2	20	24.3	121		60	140
		Decachlorobiphen	2	20	25.6	128		60	140
Q3694-03	C0AE2	Tetrachloro-m-xyl	1	20	26.8	134		21	165
		Decachlorobiphen	1	20	24.6	123		10	170
		Tetrachloro-m-xyl	2	20	27.1	135		21	165
		Decachlorobiphen	2	20	24.7	123		10	170
Q3694-04	C0AE3	Tetrachloro-m-xyl	1	20	27.7	138		21	165
		Decachlorobiphen	1	20	25.6	128		10	170
		Tetrachloro-m-xyl	2	20	27.4	137		21	165
		Decachlorobiphen	2	20	25.7	128		10	170
Q3694-05	C0AF3	Tetrachloro-m-xyl	1	20	24.4	122		21	165
		Decachlorobiphen	1	20	22.6	113		10	170
		Tetrachloro-m-xyl	2	20	24.5	123		21	165
		Decachlorobiphen	2	20	22.1	111		10	170
Q3694-06	C0AF4	Tetrachloro-m-xyl	1	20	22.3	111		21	165

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Surrogate Summary

SDG No.: Q3694

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3694-06	C0AF4	Decachlorobiphen	1	20	20.0	100		10	170
		Tetrachloro-m-xyl	2	20	22.6	113		21	165
		Decachlorobiphen	2	20	19.9	100		10	170
Q3694-07	C0AF5	Tetrachloro-m-xyl	1	20	24.8	124		21	165
		Decachlorobiphen	1	20	18.3	92		10	170
		Tetrachloro-m-xyl	2	20	24.9	125		21	165
		Decachlorobiphen	2	20	18.5	93		10	170
Q3694-08	C0AF6	Tetrachloro-m-xyl	1	20	24.2	121		21	165
		Decachlorobiphen	1	20	22.7	114		10	170
		Tetrachloro-m-xyl	2	20	24.4	122		21	165
		Decachlorobiphen	2	20	22.6	113		10	170
Q3694-09	C0AL8	Tetrachloro-m-xyl	1	20	22.5	113		21	165
		Decachlorobiphen	1	20	19.3	96		10	170
		Tetrachloro-m-xyl	2	20	22.4	112		21	165
		Decachlorobiphen	2	20	19.4	97		10	170
Q3694-10	C0AL9	Tetrachloro-m-xyl	1	20	21.8	109		21	165
		Decachlorobiphen	1	20	19.1	96		10	170
		Tetrachloro-m-xyl	2	20	21.8	109		21	165
		Decachlorobiphen	2	20	19.4	97		10	170
Q3694-11	C0AM0	Tetrachloro-m-xyl	1	20	22.1	110		21	165
		Decachlorobiphen	1	20	14.4	72		10	170
		Tetrachloro-m-xyl	2	20	22.0	110		21	165
		Decachlorobiphen	2	20	14.6	73		10	170
Q3694-12	C0AM1	Tetrachloro-m-xyl	1	20	22.9	114		21	165
		Decachlorobiphen	1	20	19.3	96		10	170
		Tetrachloro-m-xyl	2	20	22.4	112		21	165
		Decachlorobiphen	2	20	19.3	97		10	170
I.BLK-PO115359.D	PIBLK-PO115359.D	Tetrachloro-m-xyl	1	20	25.8	129		60	140
		Decachlorobiphen	1	20	27.0	135		60	140
		Tetrachloro-m-xyl	2	20	25.2	126		60	140
		Decachlorobiphen	2	20	26.5	133		60	140
Q3694-13	C0AM2	Tetrachloro-m-xyl	1	20	26.1	131		21	165
		Decachlorobiphen	1	20	22.4	112		10	170
		Tetrachloro-m-xyl	2	20	25.9	129		21	165
		Decachlorobiphen	2	20	22.1	111		10	170
Q3694-14	C0AM3	Tetrachloro-m-xyl	1	20	21.5	108		21	165
		Decachlorobiphen	1	20	16.7	84		10	170
		Tetrachloro-m-xyl	2	20	21.3	107		21	165
		Decachlorobiphen	2	20	16.8	84		10	170
Q3694-15	C0AM4	Tetrachloro-m-xyl	1	20	21.9	109		21	165
		Decachlorobiphen	1	20	18.9	95		10	170

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Surrogate Summary

SDG No.: Q3694

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3694-15	C0AM4	Tetrachloro-m-xyl	2	20	21.6	108		21	165
		Decachlorobiphen	2	20	19.1	96		10	170
Q3694-16	C0AM5	Tetrachloro-m-xyl	1	20	25.2	126		21	165
		Decachlorobiphen	1	20	24.4	122		10	170
		Tetrachloro-m-xyl	2	20	25.0	125		21	165
		Decachlorobiphen	2	20	24.2	121		10	170
I.BLK-PO115369.D	PIBLK-PO115369.D	Tetrachloro-m-xyl	1	20	26.9	134		60	140
		Decachlorobiphen	1	20	27.9	140		60	140
		Tetrachloro-m-xyl	2	20	26.0	130		60	140
		Decachlorobiphen	2	20	27.8	139		60	140
I.BLK-PO115392.D	PIBLK-PO115392.D	Tetrachloro-m-xyl	1	20	26.4	132		60	140
		Decachlorobiphen	1	20	27.8	139		60	140
		Tetrachloro-m-xyl	2	20	25.7	129		60	140
		Decachlorobiphen	2	20	27.1	135		60	140
Q3694-01DL	C0AD8DL	Tetrachloro-m-xyl	1	20	20.0	100		21	165
		Decachlorobiphen	1	20	25.9	130		10	170
		Tetrachloro-m-xyl	2	20	23.6	118		21	165
		Decachlorobiphen	2	20	37.0	185	*	10	170
Q3694-01DL2	C0AD8DL2	Tetrachloro-m-xyl	1	20	0	0	*	21	165
		Decachlorobiphen	1	20	0	0	*	10	170
		Tetrachloro-m-xyl	2	20	0	0	*	21	165
		Decachlorobiphen	2	20	0	0	*	10	170
Q3694-02DL	C0AE1DL	Tetrachloro-m-xyl	1	20	25.0	125		21	165
		Decachlorobiphen	1	20	23.8	119		10	170
		Tetrachloro-m-xyl	2	20	25.5	127		21	165
		Decachlorobiphen	2	20	25.1	125		10	170
I.BLK-PO115407.D	PIBLK-PO115407.D	Tetrachloro-m-xyl	1	20	26.0	130		60	140
		Decachlorobiphen	1	20	27.4	137		60	140
		Tetrachloro-m-xyl	2	20	25.4	127		60	140
		Decachlorobiphen	2	20	27.3	137		60	140
Q3694-12DL	C0AM1DL	Tetrachloro-m-xyl	1	20	22.2	111		21	165
		Decachlorobiphen	1	20	17.6	88		10	170
		Tetrachloro-m-xyl	2	20	21.9	110		21	165
		Decachlorobiphen	2	20	19.1	95		10	170
I.BLK-PO115422.D	PIBLK-PO115422.D	Tetrachloro-m-xyl	1	20	26.3	132		60	140
		Decachlorobiphen	1	20	27.5	137		60	140
		Tetrachloro-m-xyl	2	20	25.5	127		60	140
		Decachlorobiphen	2	20	27.1	135		60	140
I.BLK-PO115469.D	PIBLK-PO115469.D	Tetrachloro-m-xyl	1	20	26.2	131		60	140
		Decachlorobiphen	1	20	26.6	133		60	140
		Tetrachloro-m-xyl	2	20	25.4	127		60	140

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Surrogate Summary

SDG No.: Q3694

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO115469.D	PIBLK-PO115469.D	Decachlorobiphen	2	20	25.2	126		60	140
Q3694-01MS	C0AD8MS	Tetrachloro-m-xyl	1	20	27.9	139		21	165
		Decachlorobiphen	1	20	25.8	129		10	170
		Tetrachloro-m-xyl	2	20	25.9	130		21	165
		Decachlorobiphen	2	20	25.2	126		10	170
Q3694-01MSD	C0AD8MSD	Tetrachloro-m-xyl	1	20	28.0	140		21	165
		Decachlorobiphen	1	20	25.4	127		10	170
		Tetrachloro-m-xyl	2	20	26.1	130		21	165
		Decachlorobiphen	2	20	24.6	123		10	170
I.BLK-PO115483.D	PIBLK-PO115483.D	Tetrachloro-m-xyl	1	20	26.2	131		60	140
		Decachlorobiphen	1	20	26.8	134		60	140
		Tetrachloro-m-xyl	2	20	25.1	126		60	140
		Decachlorobiphen	2	20	25.1	126		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3694 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **DataFile :** PO115470.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3694-01MS (Column 1)**	**Client Sample ID:**		**C0AD8MS**								
	AR1016	205.4	0	219	ug/kg	107				39	159	
	AR1260	205.4	21000	4100	ug/kg	-8228	*			19	160	
Lab Sample ID:	**Q3694-01MS (Column 2)**	**Client Sample ID:**		**C0AD8MS**								
	AR1016	205.4	0	233	ug/kg	113				39	159	
	AR1260	205.4	19000	3300	ug/kg	-7644	*			19	160	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3694 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **DataFile :** PO115471.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3694-01MSD (Column 1)**	**Client Sample ID:**		**C0AD8MSD**								
	AR1016	205.5	0	219	ug/kg	107		0		39	159	21
	AR1260	205.5	21000	4100	ug/kg	-8224	*	0		19	160	15
Lab Sample ID:	**Q3694-01MSD (Column 2)**	**Client Sample ID:**		**C0AD8MSD**								
	AR1016	205.5	0	230	ug/kg	112		1		39	159	21
	AR1260	205.5	19000	3300	ug/kg	-7640	*	0		19	160	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3694 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **Datafile :** PO115331.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170688BS (Column 1)	AR1016	166.6	149	ug/kg	89				71	120	
	AR1260	166.6	135	ug/kg	81				65	130	
PB170688BS (Column 2)	AR1016	166.6	138	ug/kg	83				71	120	
	AR1260	166.6	125	ug/kg	75				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170688BL

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3694

Lab Sample ID: PB170688BL | Lab File ID: PO115330.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/21/2025

Date Analyzed (1): 11/21/2025 | Date Analyzed (2): 11/21/2025

Time Analyzed (1): 16:22 | Time Analyzed (2): 16:22

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)

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
PB170688BS	PB170688BS	PO115331.D	11/21/2025	11/21/2025
C0AD8	Q3694-01	PO115336.D	11/21/2025	11/21/2025
C0AE1	Q3694-02	PO115339.D	11/21/2025	11/21/2025
C0AE2	Q3694-03	PO115345.D	11/21/2025	11/21/2025
C0AE3	Q3694-04	PO115346.D	11/21/2025	11/21/2025
C0AF3	Q3694-05	PO115347.D	11/21/2025	11/21/2025
C0AF4	Q3694-06	PO115348.D	11/21/2025	11/21/2025
C0AF5	Q3694-07	PO115349.D	11/21/2025	11/21/2025
C0AF6	Q3694-08	PO115350.D	11/22/2025	11/22/2025
C0AL8	Q3694-09	PO115351.D	11/22/2025	11/22/2025
C0AL9	Q3694-10	PO115352.D	11/22/2025	11/22/2025
C0AM0	Q3694-11	PO115353.D	11/22/2025	11/22/2025
C0AM1	Q3694-12	PO115354.D	11/22/2025	11/22/2025
C0AM2	Q3694-13	PO115360.D	11/22/2025	11/22/2025
C0AM3	Q3694-14	PO115361.D	11/22/2025	11/22/2025
C0AM4	Q3694-15	PO115362.D	11/22/2025	11/22/2025
C0AM5	Q3694-16	PO115363.D	11/22/2025	11/22/2025
C0AD8MS	Q3694-01MS	PO115470.D	12/01/2025	12/01/2025
C0AD8MSD	Q3694-01MSD	PO115471.D	12/01/2025	12/01/2025

COMMENTS:

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AD8	SDG No.:	Q3694
Lab Sample ID:	Q3694-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.9
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21.0	U	1	4.90	21.0	ug/kg	11/21/25 18:13	PB170688
11104-28-2	Aroclor-1221	21.0	U	1	5.00	21.0	ug/kg	11/21/25 18:13	PB170688
11141-16-5	Aroclor-1232	21.0	U	1	4.60	21.0	ug/kg	11/21/25 18:13	PB170688
53469-21-9	Aroclor-1242	21.0	U	1	5.00	21.0	ug/kg	11/21/25 18:13	PB170688
12672-29-6	Aroclor-1248	21.0	U	1	7.30	21.0	ug/kg	11/21/25 18:13	PB170688
11097-69-1	Aroclor-1254	21.0	U	1	4.00	21.0	ug/kg	11/21/25 18:13	PB170688
37324-23-5	Aroclor-1262	21.0	U	1	6.20	21.0	ug/kg	11/21/25 18:13	PB170688
11100-14-4	Aroclor-1268	21.0	U	1	4.40	21.0	ug/kg	11/21/25 18:13	PB170688
11096-82-5	Aroclor-1260	21000	E	1	4.00	21.0	ug/kg	11/21/25 18:13	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.1			21 - 165	136%	SPK: 20		
2051-24-3	Decachlorobiphenyl	32.6			10 - 170	163%	SPK: 20		

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\PO112125\
Data File : PO115336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:13
Operator : YP/AJ
Sample : Q3694-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AD8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:47:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	190.9E6	119.3E6	27.130	26.714
2)	SA Decachlor...	9.919	8.630	144.0E6	123.2E6	32.567	31.556
	Target Compounds						
31)	L7 AR-1260-1	7.064	6.198	15091.7E6	14289.6E6	49378.436	48258.045
32)	L7 AR-1260-2	7.322	6.386	22980.8E6	20086.5E6	58050.203	46709.310
33)	L7 AR-1260-3	7.680	6.538	17549.7E6	17449.5E6	52889.472	49692.129
34)	L7 AR-1260-4	7.893	7.009	17222.2E6	14874.7E6	56462.495	49086.798
35)	L7 AR-1260-5	8.196	7.253	31113.3E6	34946.8E6	43623.739	42533.627

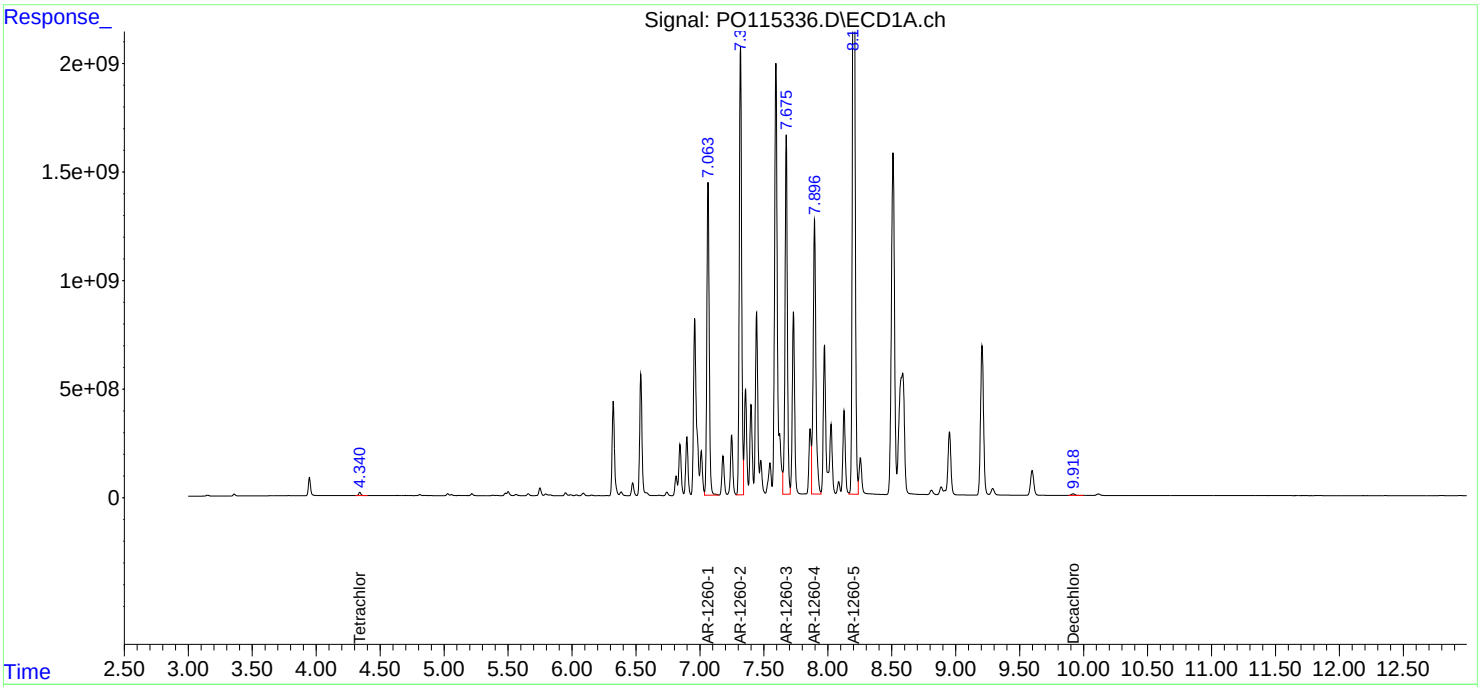
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

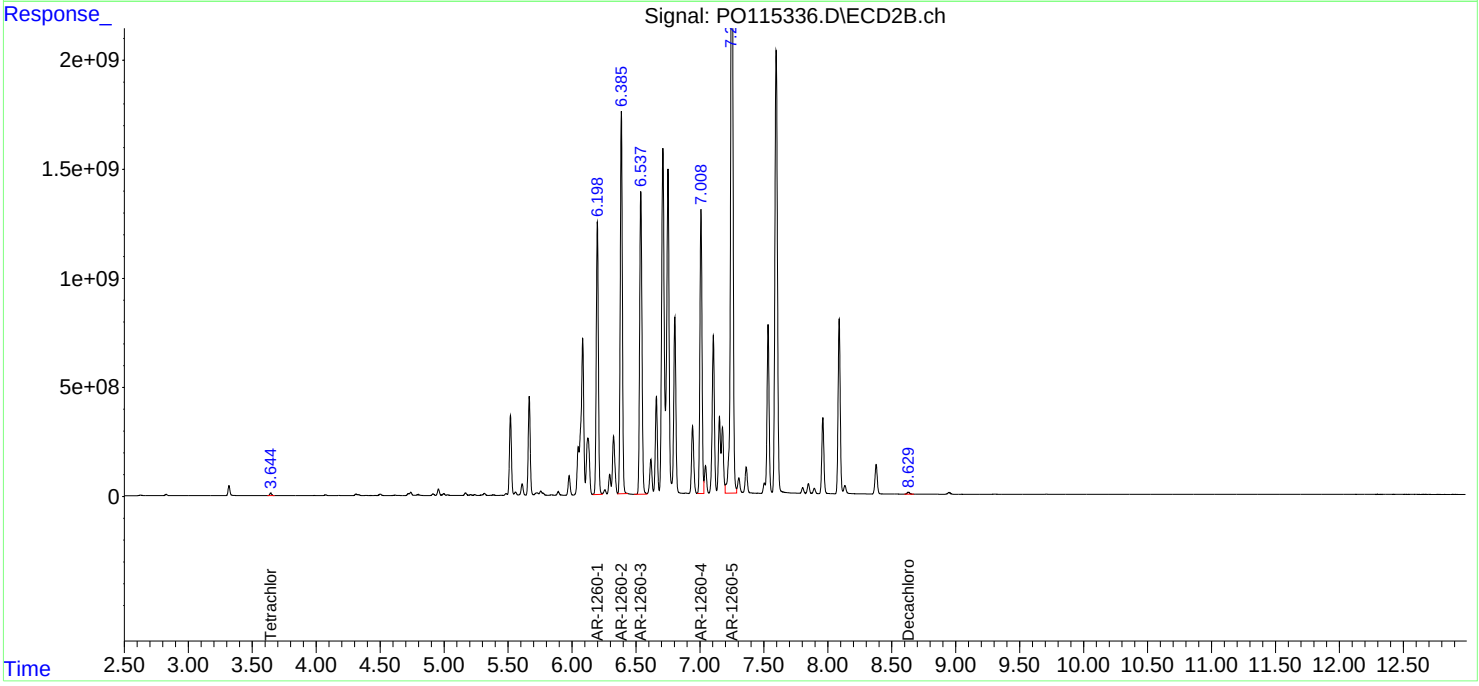
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:13
Operator : YP/AJ
Sample : Q3694-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

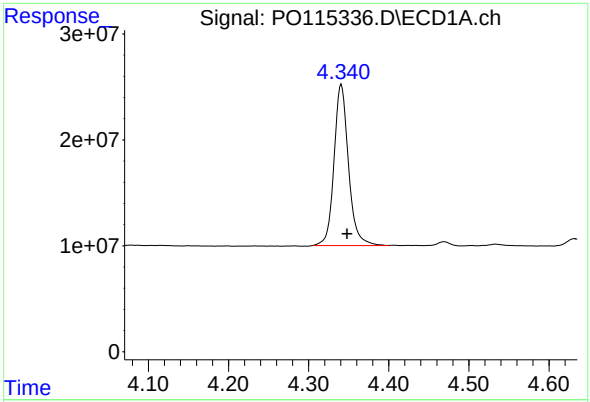
Instrument :
ECD_O
ClientSampleId :
C0AD8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:47:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



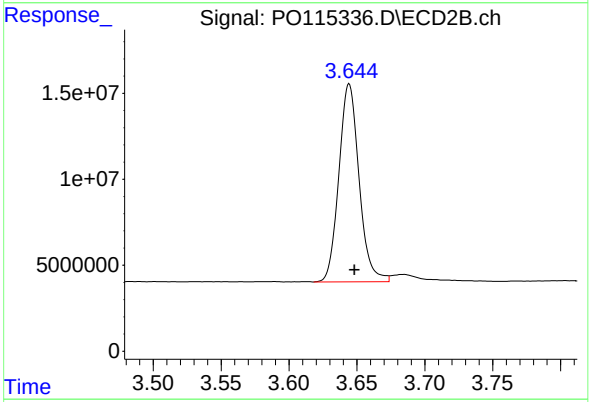




#1 Tetrachloro-m-xylene

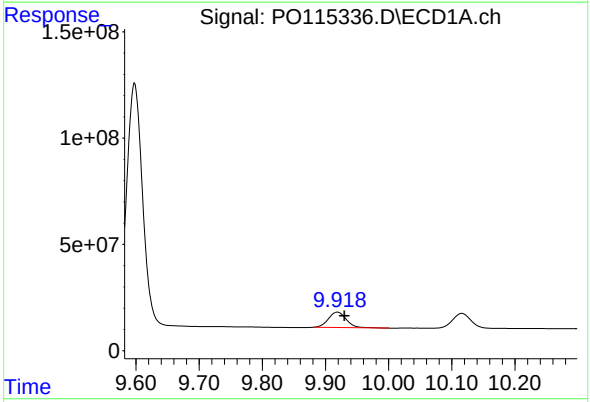
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 190945595
Conc: 27.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8



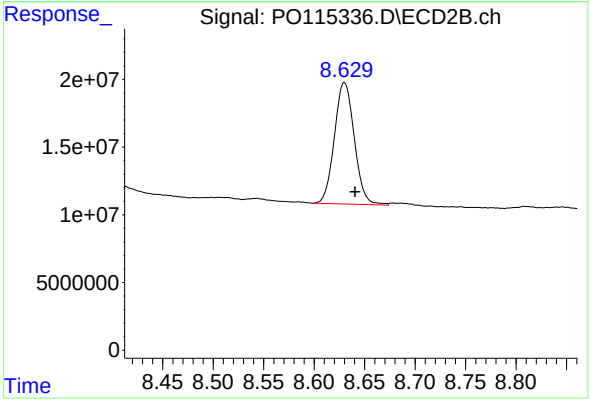
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 119324908
Conc: 26.71 ng/ml



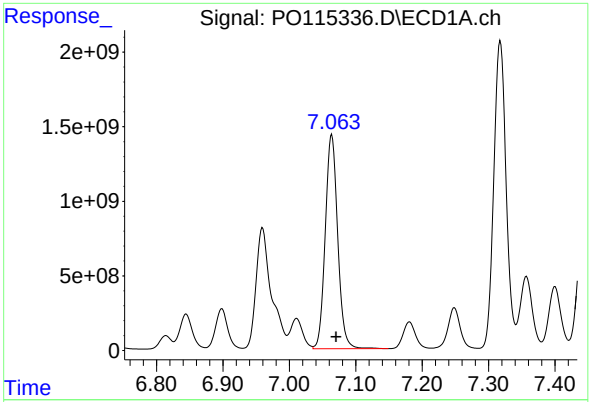
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 143954527
Conc: 32.57 ng/ml



#2 Decachlorobiphenyl

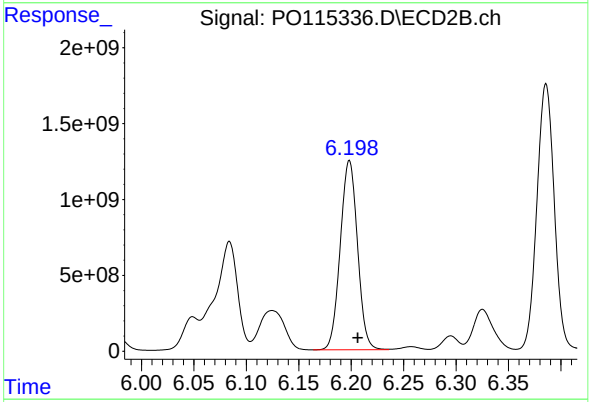
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 123189293
Conc: 31.56 ng/ml



#31 AR-1260-1

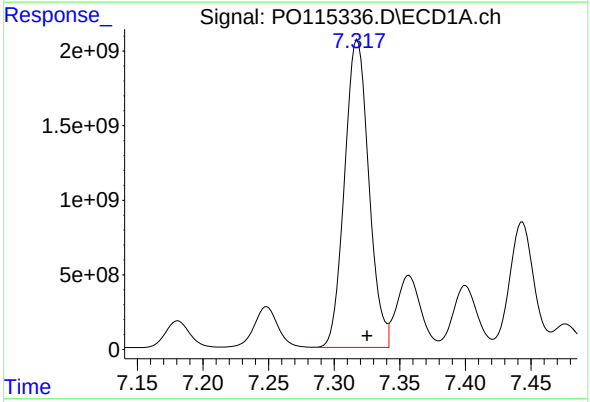
R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 15091701480
Conc: 49378.44 ng/

Instrument :
ECD_O
ClientSampleId :
C0AD8



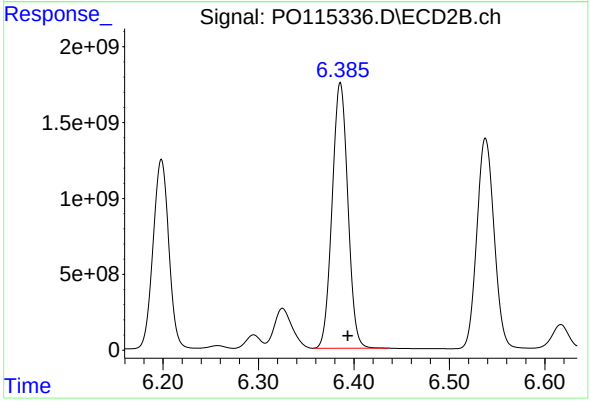
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.008 min
Response: 14289567733
Conc: 48258.04 ng/ml



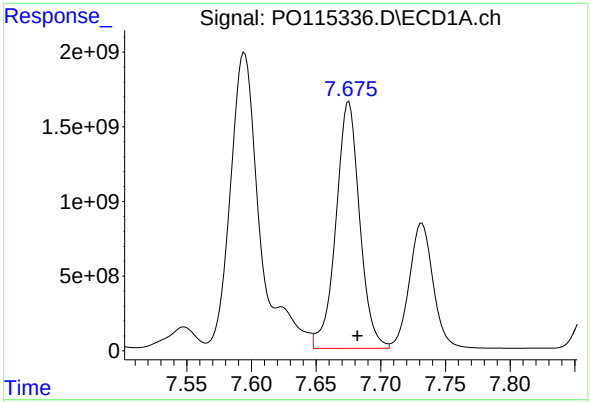
#32 AR-1260-2

R.T.: 7.322 min
Delta R.T.: -0.003 min
Response: 22980751804
Conc: 58050.20 ng/ml



#32 AR-1260-2

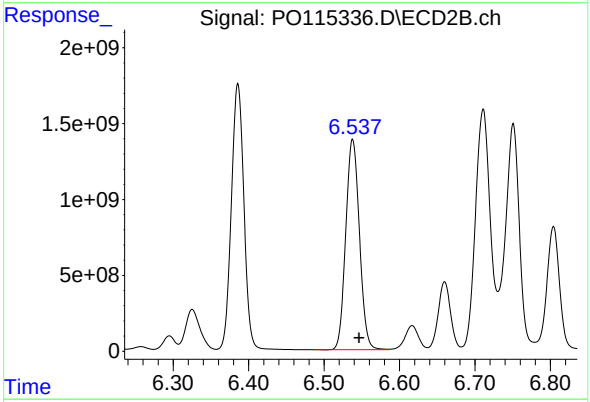
R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 20086461122
Conc: 46709.31 ng/ml



#33 AR-1260-3

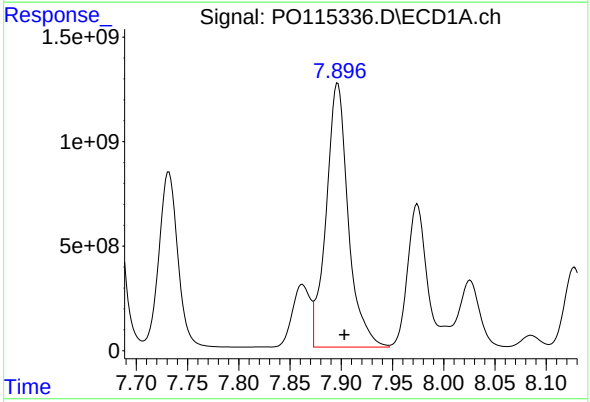
R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 17549677700
Conc: 52889.47 ng/

Instrument :
ECD_O
ClientSampleId :
C0AD8



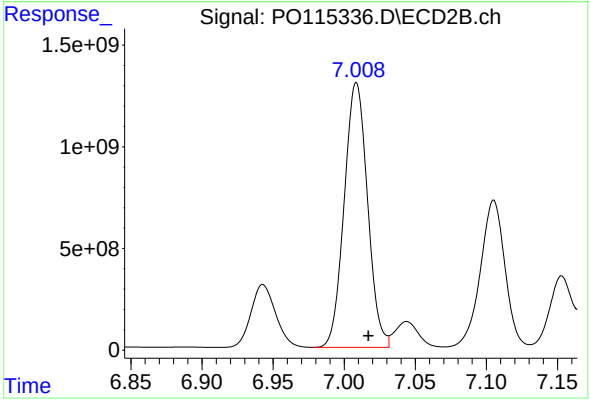
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.008 min
Response: 17449460571
Conc: 49692.13 ng/ml



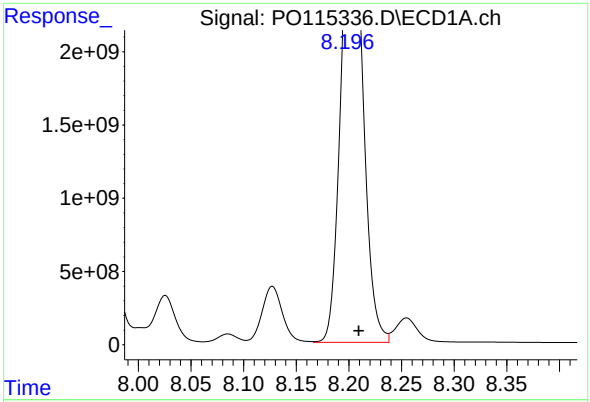
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 17222193295
Conc: 56462.49 ng/ml



#34 AR-1260-4

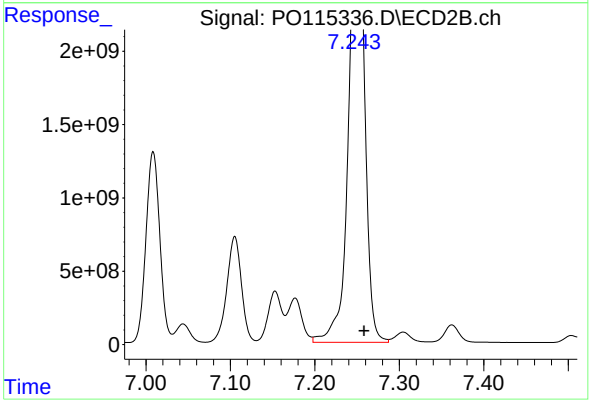
R.T.: 7.009 min
Delta R.T.: -0.008 min
Response: 14874707154
Conc: 49086.80 ng/ml



#35 AR-1260-5

R.T.: 8.196 min
Delta R.T.: -0.014 min
Response: 31113264432
Conc: 43623.74 ng/

Instrument :
ECD_O
ClientSampleId :
C0AD8



#35 AR-1260-5

R.T.: 7.253 min
Delta R.T.: -0.005 min
Response: 34946822275
Conc: 42533.63 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AD8DL	SDG No.:	Q3694
Lab Sample ID:	Q3694-01DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.9
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	210	UD	10	48.8	210	ug/kg	11/25/25 13:06	PB170688
11104-28-2	Aroclor-1221	210	UD	10	49.7	210	ug/kg	11/25/25 13:06	PB170688
11141-16-5	Aroclor-1232	210	UD	10	45.9	210	ug/kg	11/25/25 13:06	PB170688
53469-21-9	Aroclor-1242	210	UD	10	49.5	210	ug/kg	11/25/25 13:06	PB170688
12672-29-6	Aroclor-1248	210	UD	10	73.1	210	ug/kg	11/25/25 13:06	PB170688
11097-69-1	Aroclor-1254	210	UD	10	39.6	210	ug/kg	11/25/25 13:06	PB170688
37324-23-5	Aroclor-1262	210	UD	10	62.0	210	ug/kg	11/25/25 13:06	PB170688
11100-14-4	Aroclor-1268	210	UD	10	44.4	210	ug/kg	11/25/25 13:06	PB170688
11096-82-5	Aroclor-1260	20000	ED	10	39.9	210	ug/kg	11/25/25 13:06	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.6			21 - 165	118%	SPK: 20		
2051-24-3	Decachlorobiphenyl	37.0	*		10 - 170	185%	SPK: 20		

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\PO112525\
Data File : PO115400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 13:06
Operator : YP/AJ
Sample : Q3694-01DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AD8DL

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 18:28:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.337	3.641	14093371	10528481	2.002m	2.357
2)	SA Decachlor...	9.912	8.624	11459317	14428820	2.592	3.696 #
	Target Compounds						
31)	L7 AR-1260-1	7.060	6.194	1417.8E6	1183.9E6	4638.858	3998.173
32)	L7 AR-1260-2	7.315	6.382	2059.6E6	1665.0E6	5202.624	3871.826 #
33)	L7 AR-1260-3	7.671	6.534	1606.2E6	1403.4E6	4840.472	3996.441
34)	L7 AR-1260-4	7.892	7.005	1431.5E6	1169.6E6	4693.282	3859.854
35)	L7 AR-1260-5	8.199	7.245	3653.7E6	3434.4E6	5122.880	4180.018

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

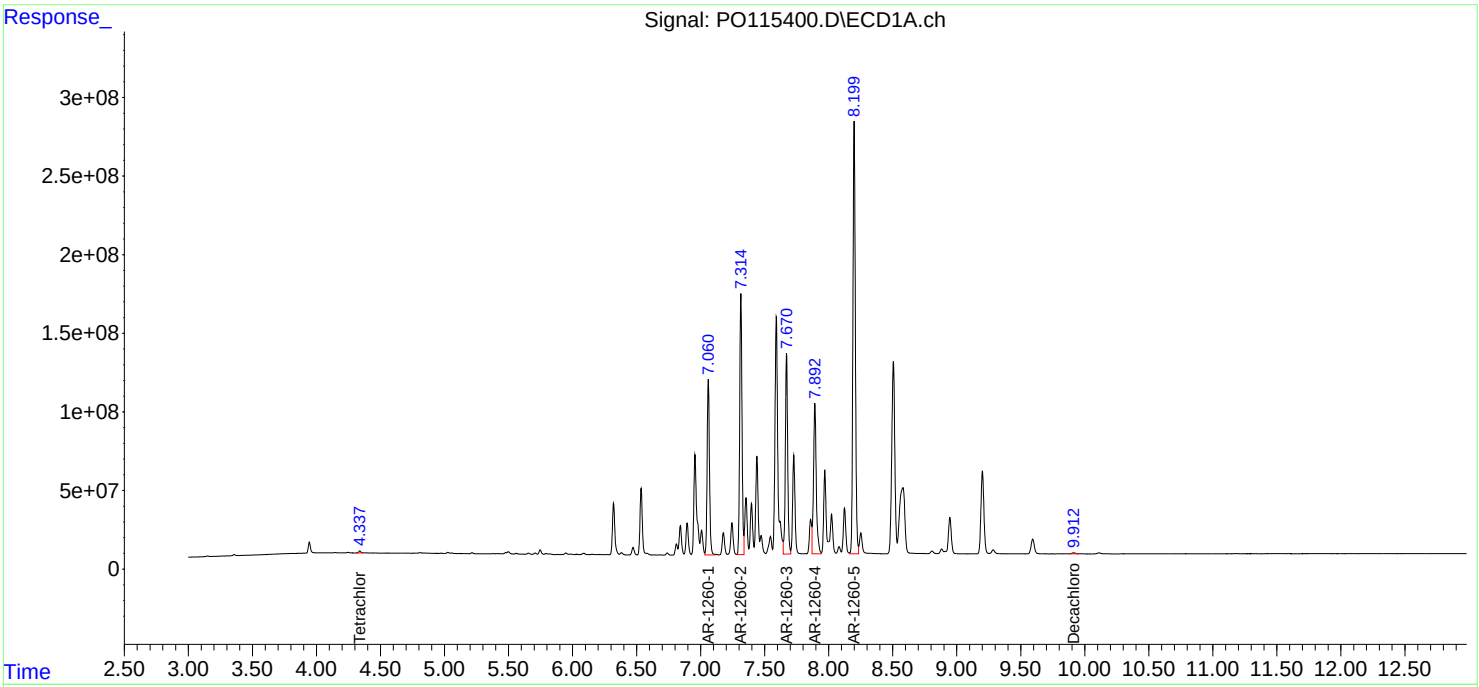
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 13:06
Operator : YP/AJ
Sample : Q3694-01DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

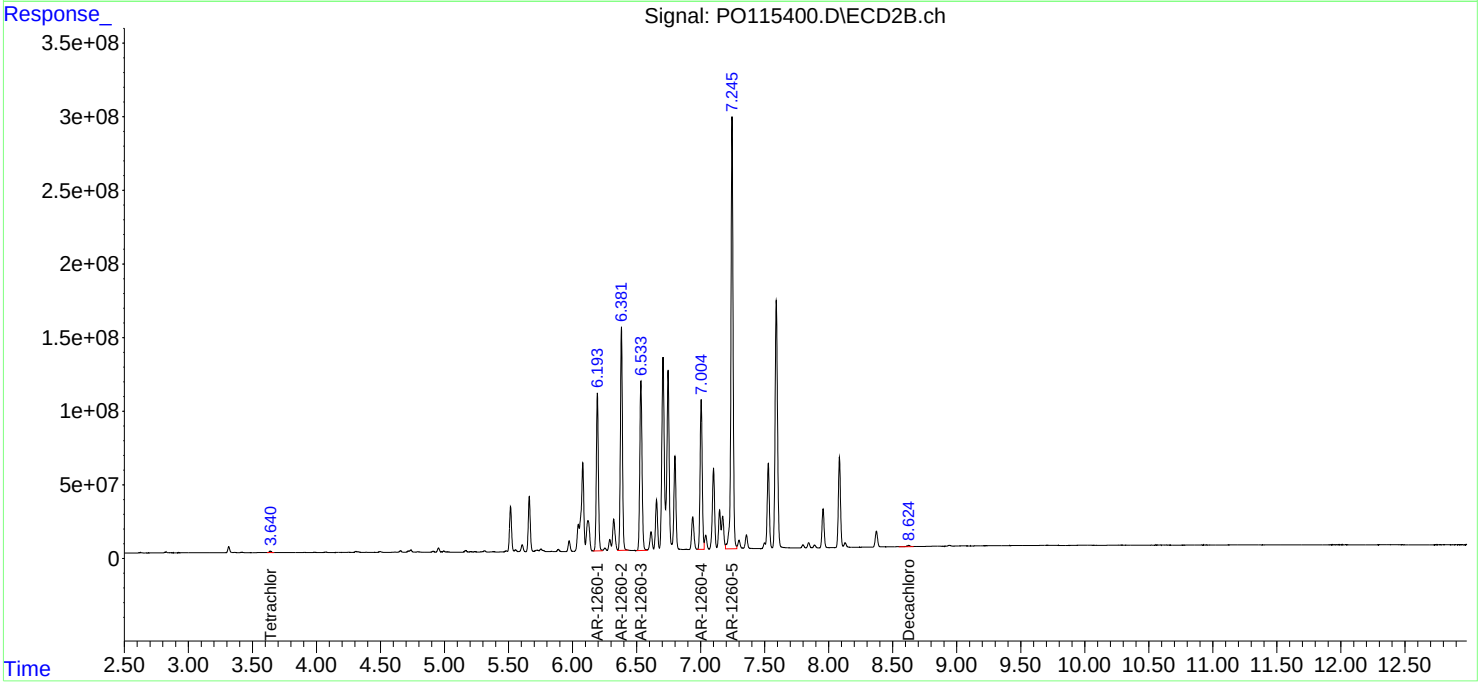
Instrument :
ECD_O
ClientSampleId :
C0AD8DL

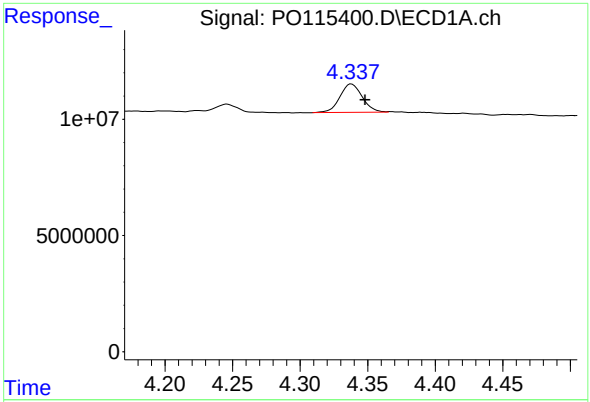
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 18:28:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







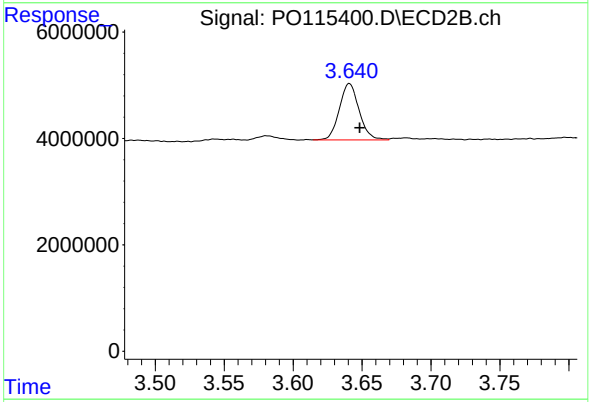
#1 Tetrachloro-m-xylene

R.T.: 4.337 min
Delta R.T.: -0.011 min
Response: 14093371
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8DL

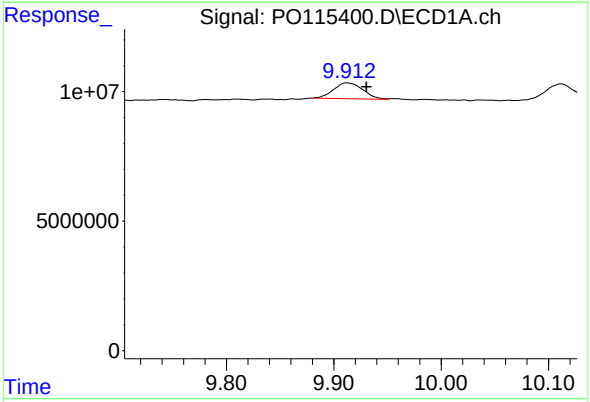
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



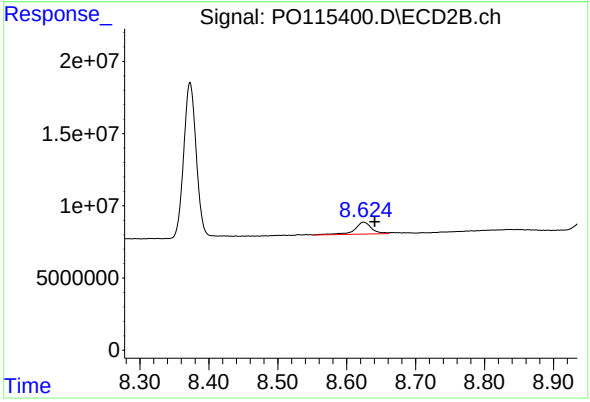
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: -0.007 min
Response: 10528481
Conc: 2.36 ng/ml



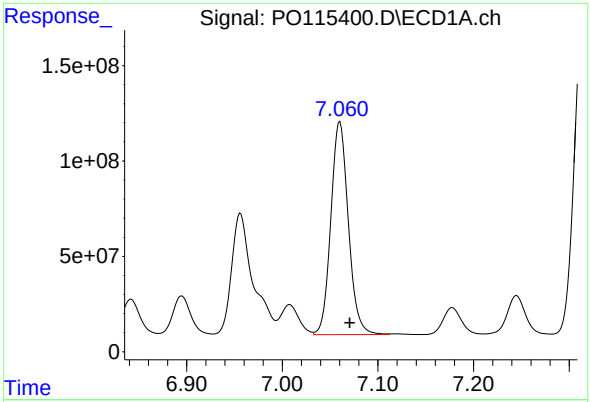
#2 Decachlorobiphenyl

R.T.: 9.912 min
Delta R.T.: -0.018 min
Response: 11459317
Conc: 2.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.624 min
Delta R.T.: -0.016 min
Response: 14428820
Conc: 3.70 ng/ml



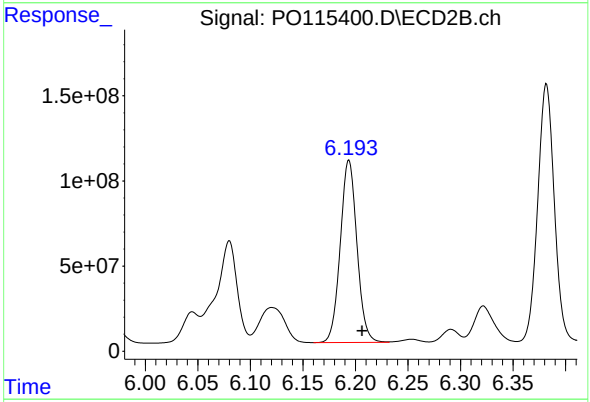
#31 AR-1260-1

R.T.: 7.060 min
Delta R.T.: -0.010 min
Response: 1417790144
Conc: 4638.86 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AD8DL

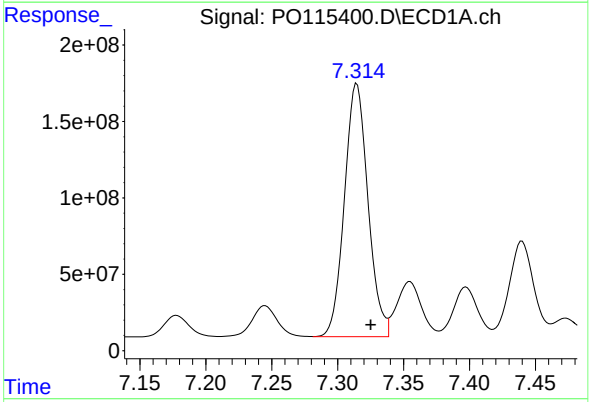
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



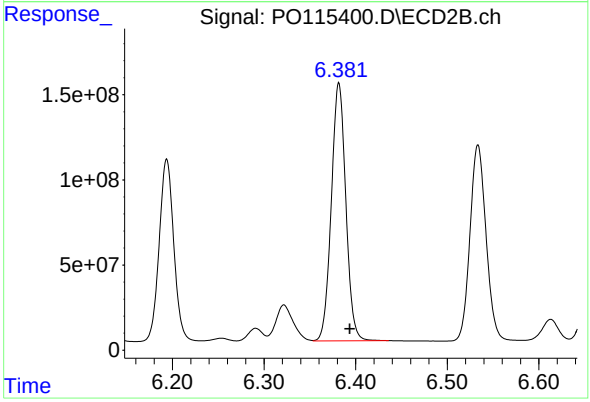
#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.012 min
Response: 1183888982
Conc: 3998.17 ng/ml



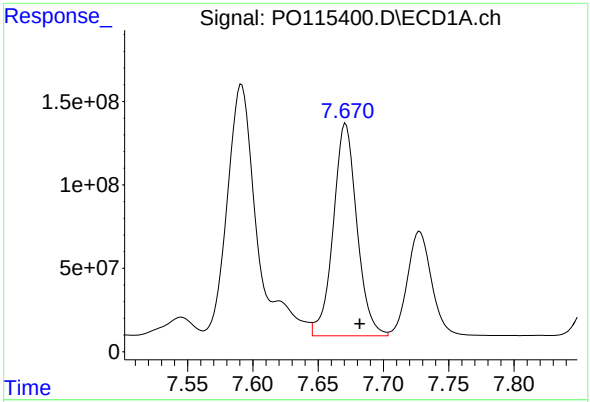
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: -0.011 min
Response: 2059600078
Conc: 5202.62 ng/ml



#32 AR-1260-2

R.T.: 6.382 min
Delta R.T.: -0.012 min
Response: 1665005988
Conc: 3871.83 ng/ml



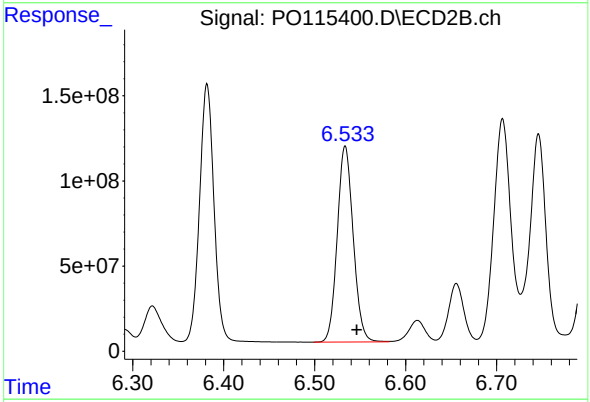
#33 AR-1260-3

R.T.: 7.671 min
Delta R.T.: -0.011 min
Response: 1606155506
Conc: 4840.47 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AD8DL

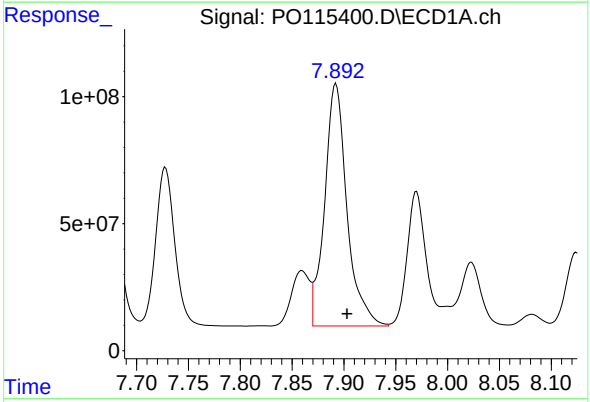
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



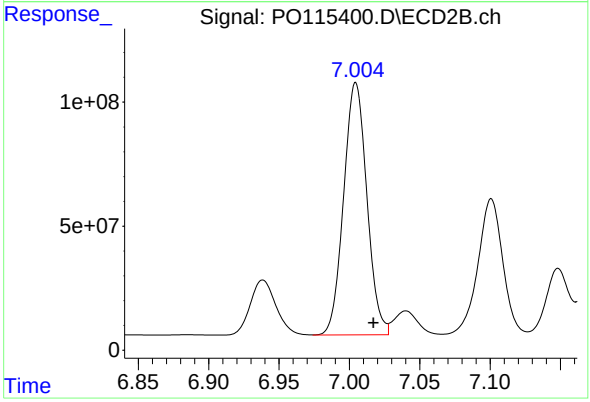
#33 AR-1260-3

R.T.: 6.534 min
Delta R.T.: -0.013 min
Response: 1403355796
Conc: 3996.44 ng/ml



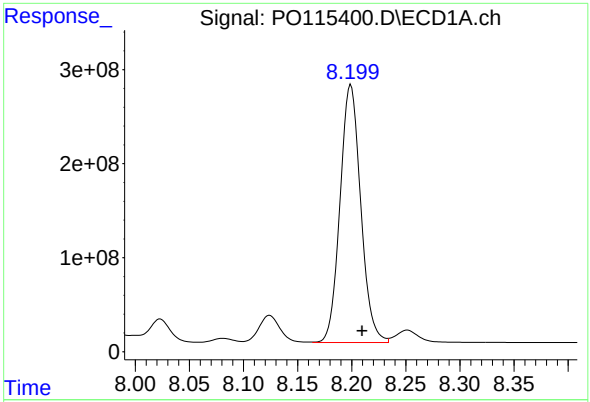
#34 AR-1260-4

R.T.: 7.892 min
Delta R.T.: -0.011 min
Response: 1431545185
Conc: 4693.28 ng/ml



#34 AR-1260-4

R.T.: 7.005 min
Delta R.T.: -0.013 min
Response: 1169646401
Conc: 3859.85 ng/ml



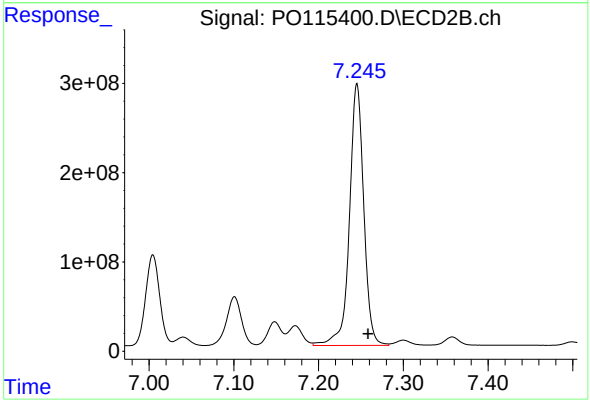
#35 AR-1260-5

R.T.: 8.199 min
Delta R.T.: -0.010 min
Response: 3653733277
Conc: 5122.88 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AD8DL

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.013 min
Response: 3434420046
Conc: 4180.02 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AD8DL2	SDG No.:	Q3694
Lab Sample ID:	Q3694-01DL2	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.9
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	2100	UD	100	488	2100	ug/kg	11/25/25 13:24	PB170688
11104-28-2	Aroclor-1221	2100	UD	100	497	2100	ug/kg	11/25/25 13:24	PB170688
11141-16-5	Aroclor-1232	2100	UD	100	459	2100	ug/kg	11/25/25 13:24	PB170688
53469-21-9	Aroclor-1242	2100	UD	100	495	2100	ug/kg	11/25/25 13:24	PB170688
12672-29-6	Aroclor-1248	2100	UD	100	731	2100	ug/kg	11/25/25 13:24	PB170688
11097-69-1	Aroclor-1254	2100	UD	100	396	2100	ug/kg	11/25/25 13:24	PB170688
37324-23-5	Aroclor-1262	2100	UD	100	620	2100	ug/kg	11/25/25 13:24	PB170688
11100-14-4	Aroclor-1268	2100	UD	100	444	2100	ug/kg	11/25/25 13:24	PB170688
11096-82-5	Aroclor-1260	18000	D	100	399	2100	ug/kg	11/25/25 13:24	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	0	*		21 - 165	0%	SPK: 20		
2051-24-3	Decachlorobiphenyl	0	*		10 - 170	0%	SPK: 20		

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\PO112525\
Data File : PO115401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 13:24
Operator : YP/AJ
Sample : Q3694-01DL2 100X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AD8DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 14:05:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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						
31)	L7 AR-1260-1	7.061	6.194	136.1E6	120.9E6	445.403	408.279
32)	L7 AR-1260-2	7.314	6.382	188.4E6	164.7E6	475.784	382.999
33)	L7 AR-1260-3	7.672	6.534	145.4E6	137.9E6	438.297	392.760
34)	L7 AR-1260-4	7.894	7.005	130.8E6	112.7E6	428.726	371.867
35)	L7 AR-1260-5	8.200	7.246	308.3E6	305.8E6	432.204	372.214

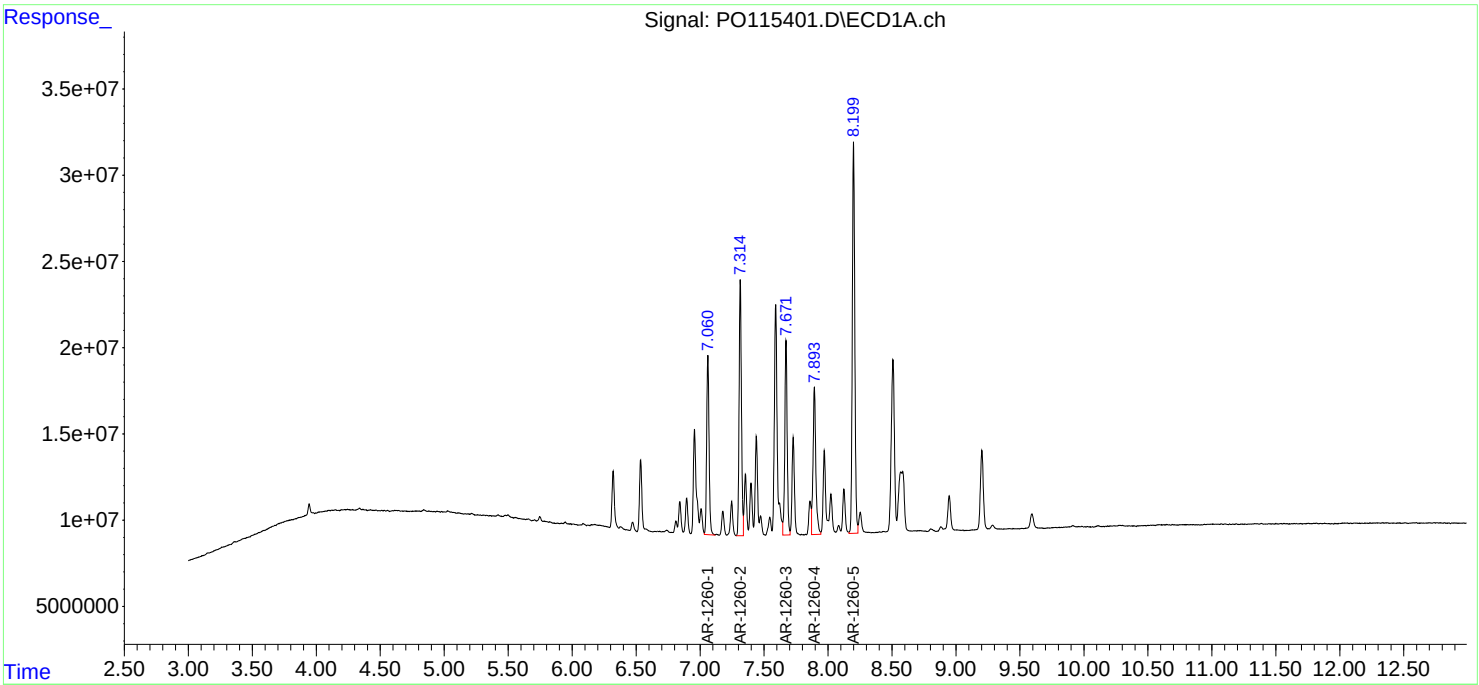
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

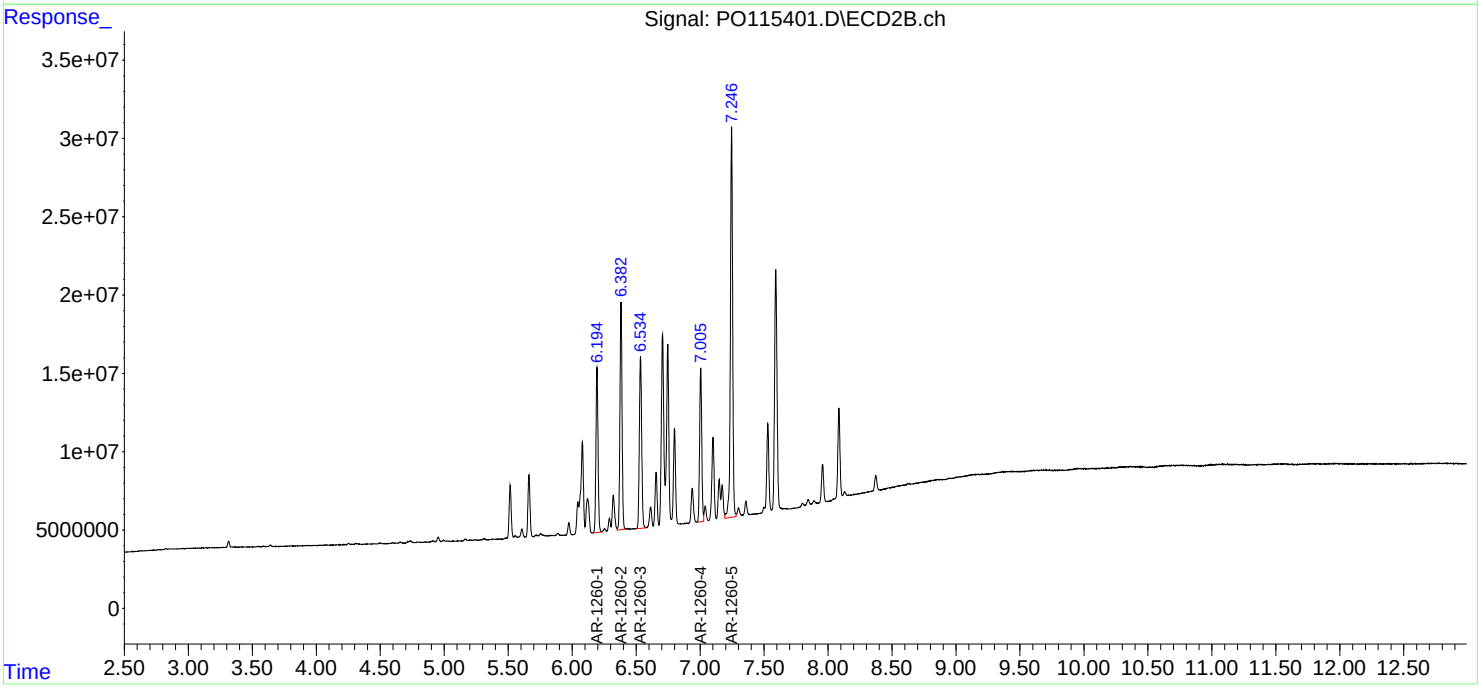
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 13:24
Operator : YP/AJ
Sample : Q3694-01DL2 100X
Misc :
ALS Vial : 15 Sample Multiplier: 1

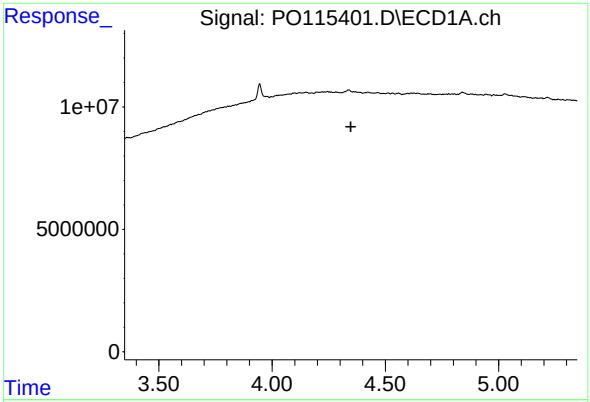
Instrument :
ECD_O
ClientSampleId :
C0AD8DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 14:05:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



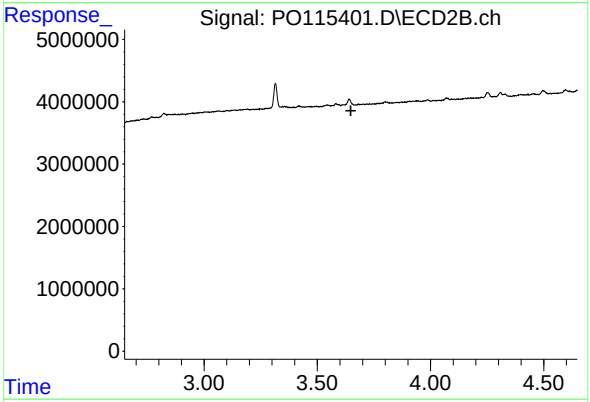




#1 Tetrachloro-m-xylene

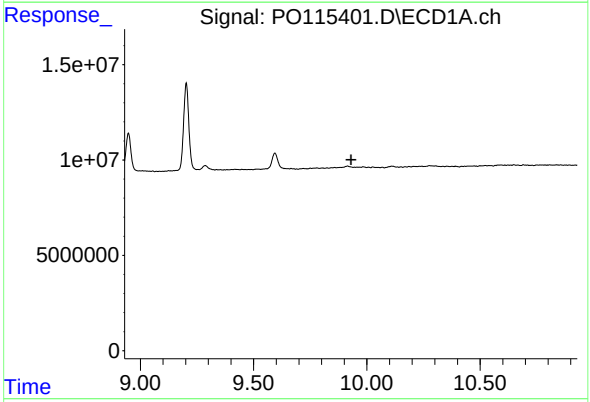
R.T.: 0.000 min
Exp R.T. : 4.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
C0AD8DL2



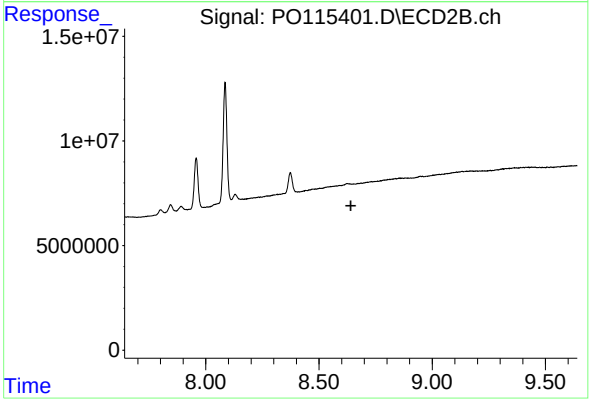
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.648 min
Response: 0
Conc: N.D.



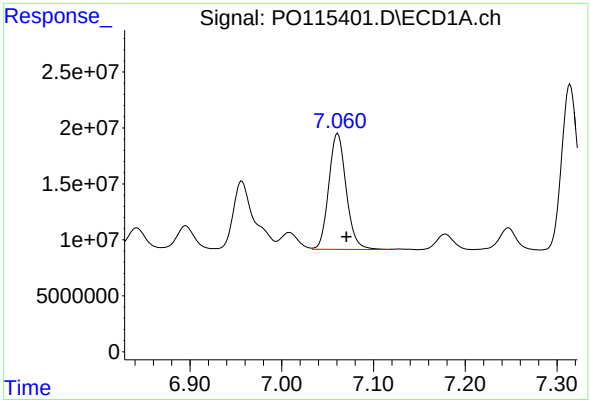
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 9.930 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

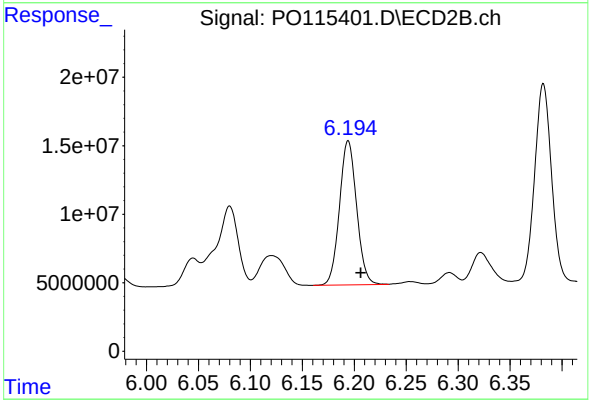
R.T.: 0.000 min
Exp R.T. : 8.641 min
Response: 0
Conc: N.D.



#31 AR-1260-1

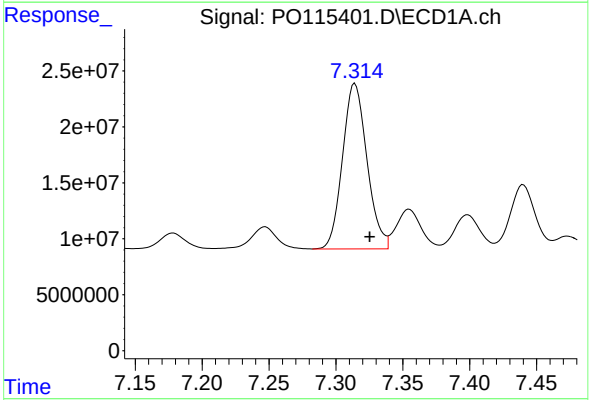
R.T.: 7.061 min
Delta R.T.: -0.010 min
Response: 136130020
Conc: 445.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8DL2



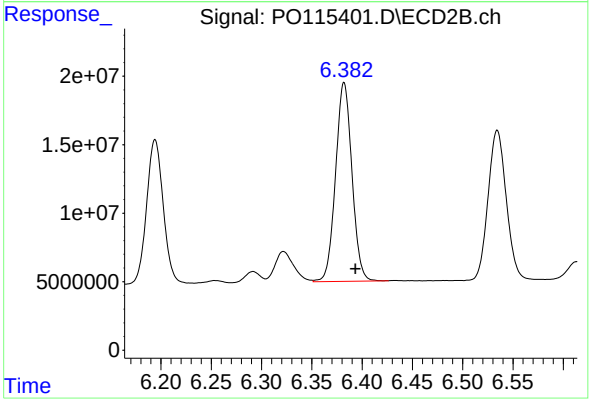
#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.012 min
Response: 120894335
Conc: 408.28 ng/ml



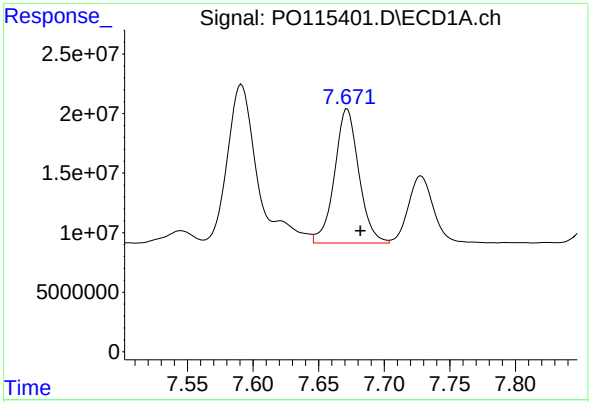
#32 AR-1260-2

R.T.: 7.314 min
Delta R.T.: -0.011 min
Response: 188352151
Conc: 475.78 ng/ml



#32 AR-1260-2

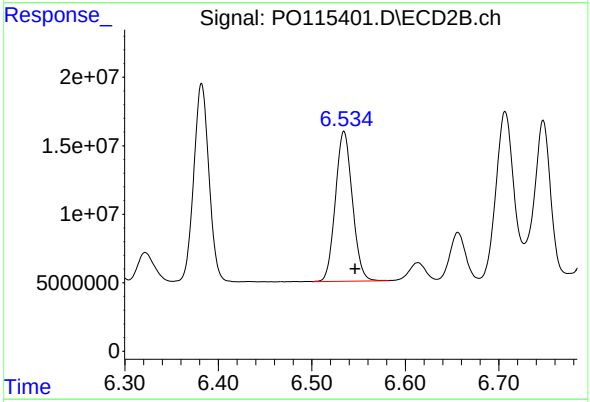
R.T.: 6.382 min
Delta R.T.: -0.011 min
Response: 164701334
Conc: 383.00 ng/ml



#33 AR-1260-3

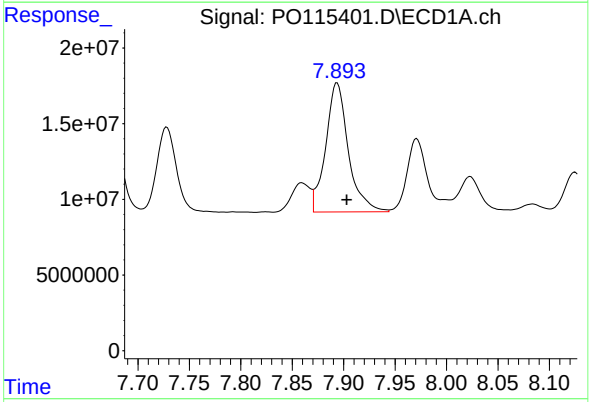
R.T.: 7.672 min
Delta R.T.: -0.010 min
Response: 145434833
Conc: 438.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8DL2



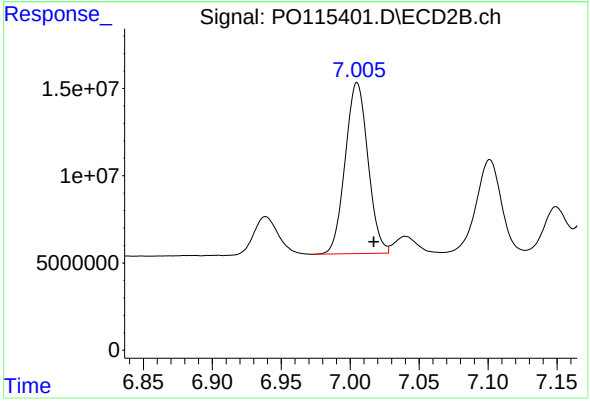
#33 AR-1260-3

R.T.: 6.534 min
Delta R.T.: -0.012 min
Response: 137918127
Conc: 392.76 ng/ml



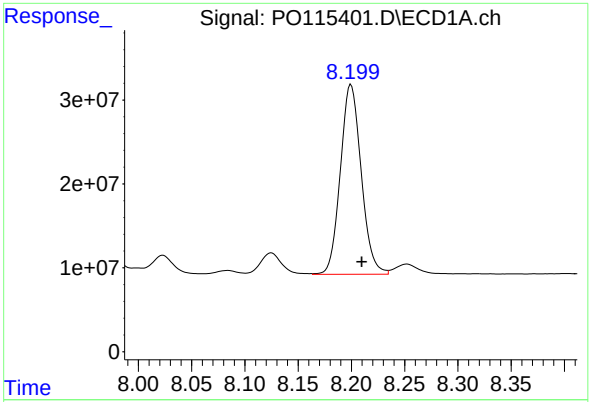
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 130770083
Conc: 428.73 ng/ml



#34 AR-1260-4

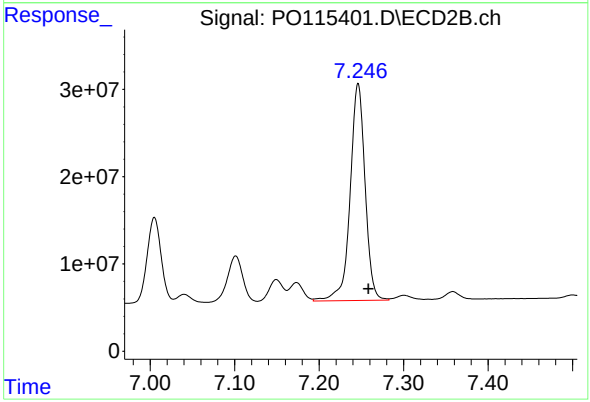
R.T.: 7.005 min
Delta R.T.: -0.012 min
Response: 112686323
Conc: 371.87 ng/ml



#35 AR-1260-5

R.T.: 8.200 min
Delta R.T.: -0.010 min
Response: 308255988
Conc: 432.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8DL2



#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.012 min
Response: 305821796
Conc: 372.21 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AE1	SDG No.:	Q3694
Lab Sample ID:	Q3694-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.2	U	1	4.70	20.2	ug/kg	11/21/25 19:08	PB170688
11104-28-2	Aroclor-1221	20.2	U	1	4.80	20.2	ug/kg	11/21/25 19:08	PB170688
11141-16-5	Aroclor-1232	20.2	U	1	4.40	20.2	ug/kg	11/21/25 19:08	PB170688
53469-21-9	Aroclor-1242	20.2	U	1	4.80	20.2	ug/kg	11/21/25 19:08	PB170688
12672-29-6	Aroclor-1248	20.2	U	1	7.00	20.2	ug/kg	11/21/25 19:08	PB170688
11097-69-1	Aroclor-1254	20.2	U	1	3.80	20.2	ug/kg	11/21/25 19:08	PB170688
37324-23-5	Aroclor-1262	20.2	U	1	6.00	20.2	ug/kg	11/21/25 19:08	PB170688
11100-14-4	Aroclor-1268	20.2	U	1	4.30	20.2	ug/kg	11/21/25 19:08	PB170688
11096-82-5	Aroclor-1260	539	E	1	3.80	20.2	ug/kg	11/21/25 19:08	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.2			21 - 165	136%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.2			10 - 170	131%	SPK: 20		

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\PO112125\
Data File : PO115339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:08
Operator : YP/AJ
Sample : Q3694-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AE1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:50:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.643	191.2E6	119.8E6	27.166	26.823
2)	SA Decachlor...	9.919	8.630	115.9E6	102.4E6	26.221	26.220
	Target Compounds						
31)	L7 AR-1260-1	7.062	6.197	410.9E6	361.7E6	1344.351	1221.541
32)	L7 AR-1260-2	7.317	6.384	574.1E6	510.3E6	1450.101	1186.758
33)	L7 AR-1260-3	7.674	6.537	447.2E6	417.5E6	1347.818	1188.843
34)	L7 AR-1260-4	7.896	7.007	403.0E6	349.2E6	1321.098	1152.433
35)	L7 AR-1260-5	8.202	7.249	948.9E6	977.4E6	1330.505	1189.558

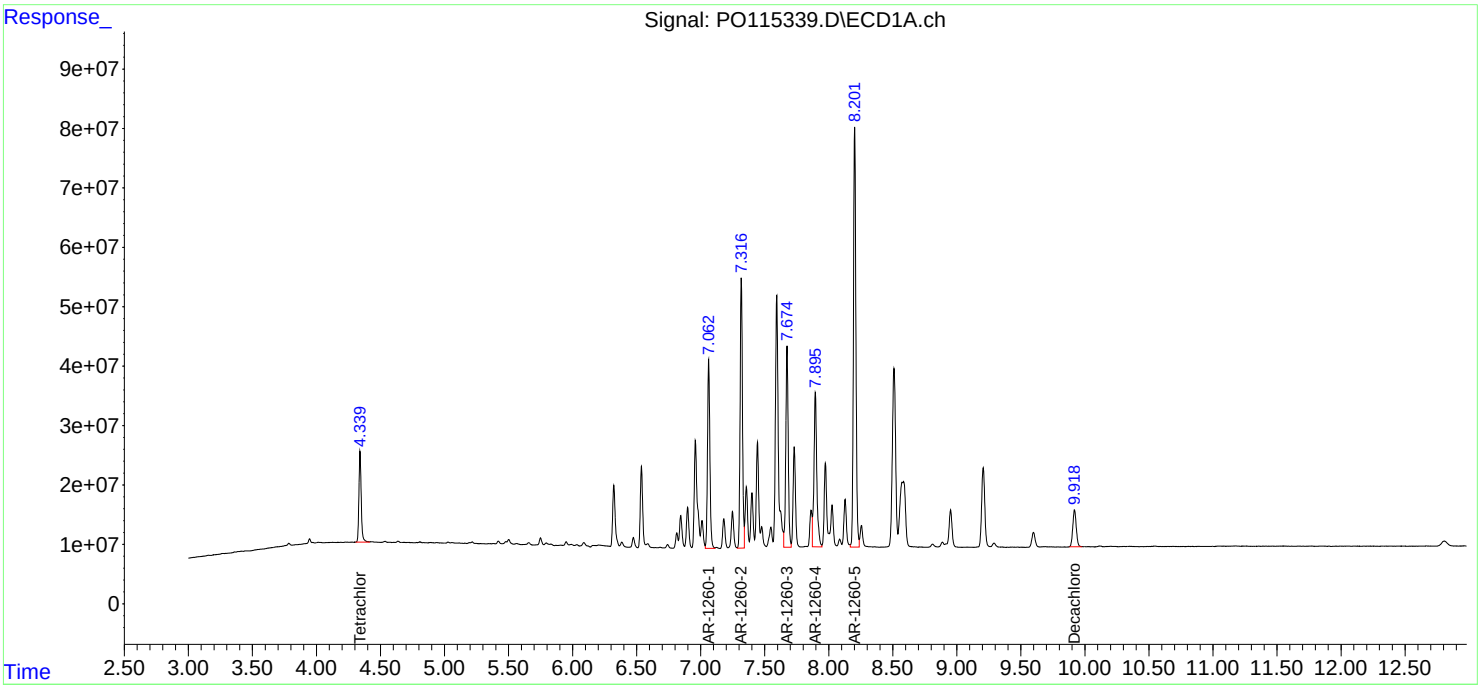
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

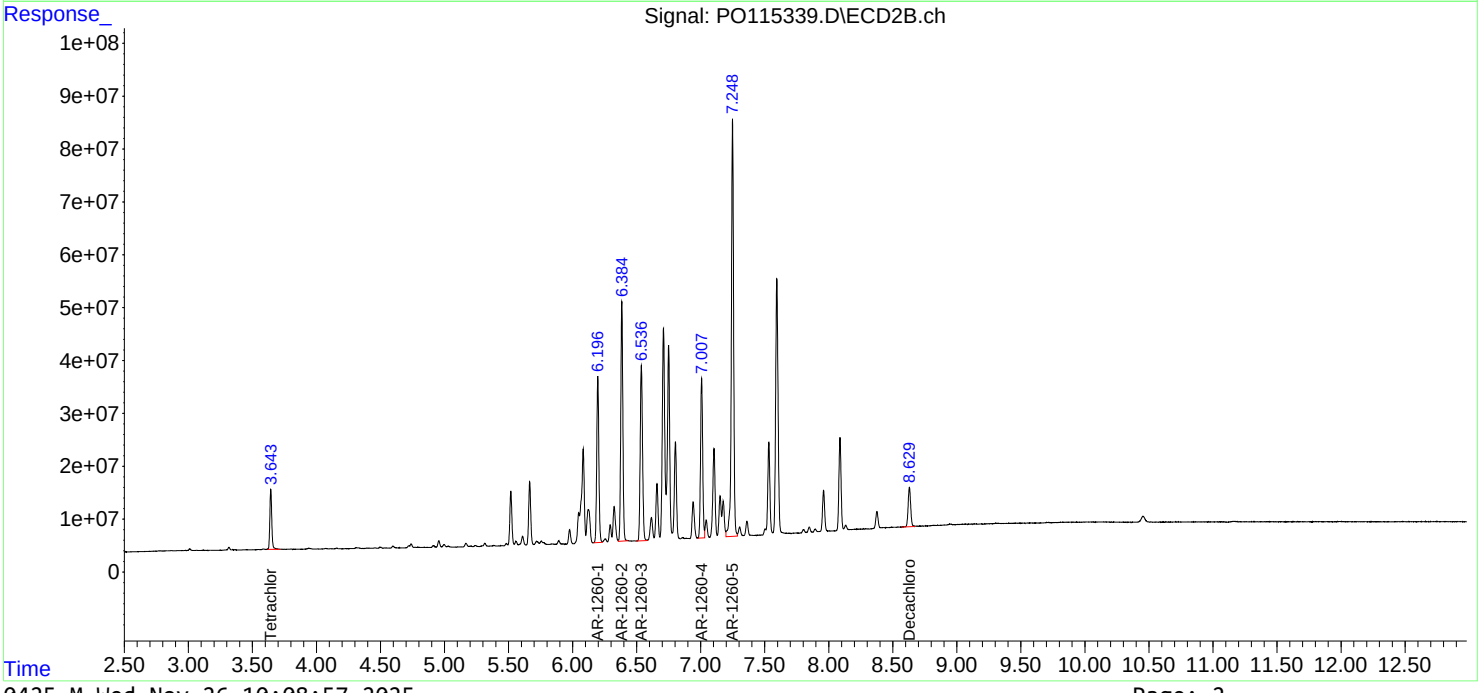
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:08
Operator : YP/AJ
Sample : Q3694-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

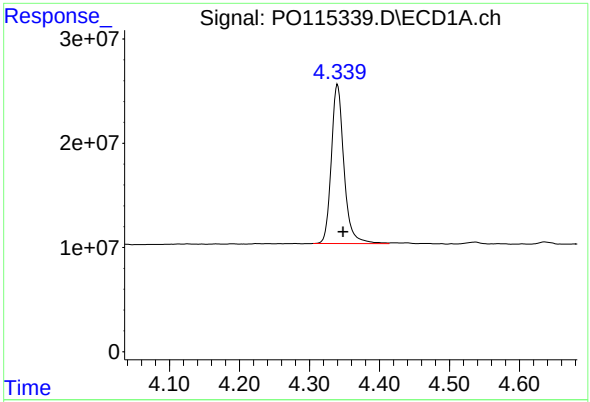
Instrument :
ECD_O
ClientSampleId :
C0AE1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:50:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



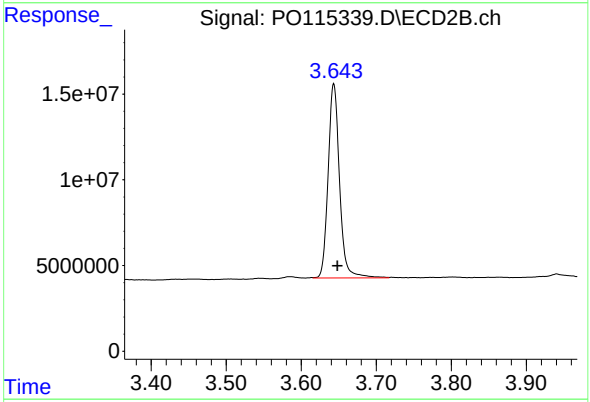




#1 Tetrachloro-m-xylene

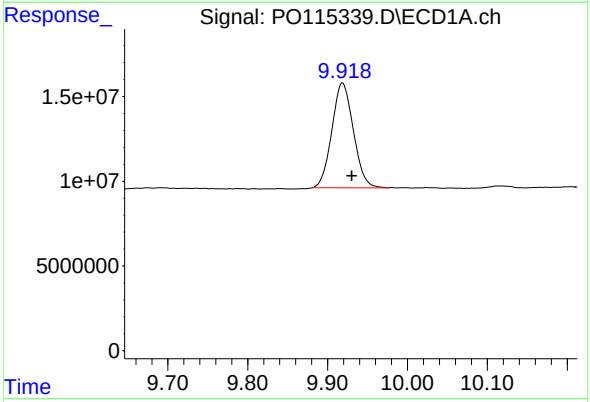
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 191197701
Conc: 27.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE1



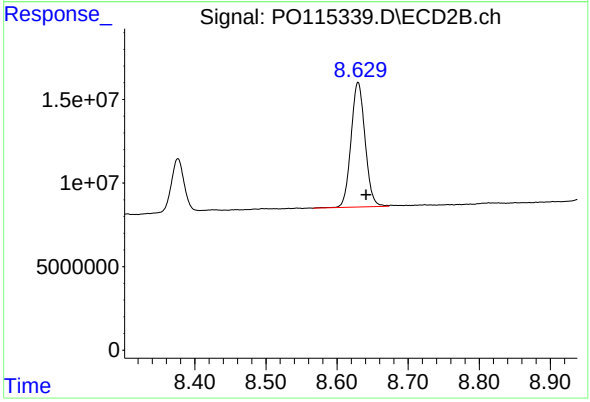
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.005 min
Response: 119811809
Conc: 26.82 ng/ml



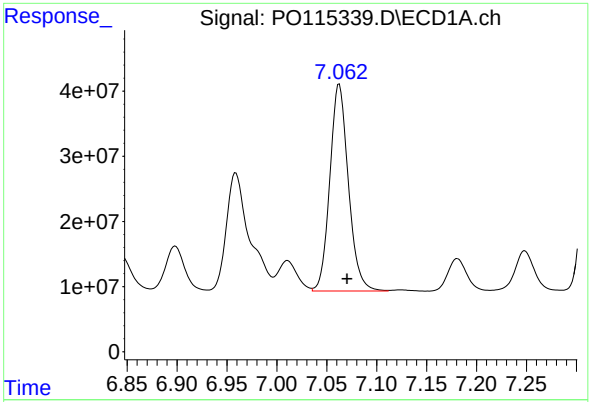
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 115902584
Conc: 26.22 ng/ml



#2 Decachlorobiphenyl

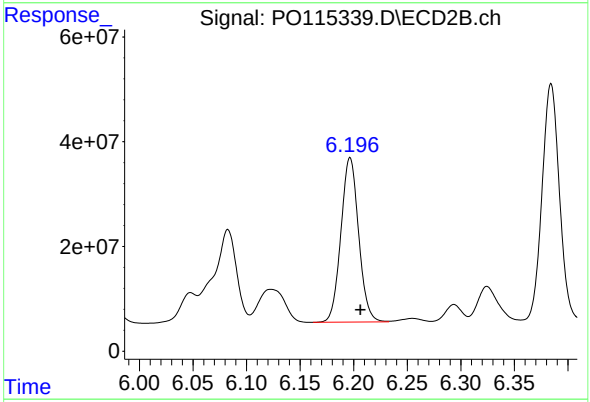
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 102356822
Conc: 26.22 ng/ml



#31 AR-1260-1

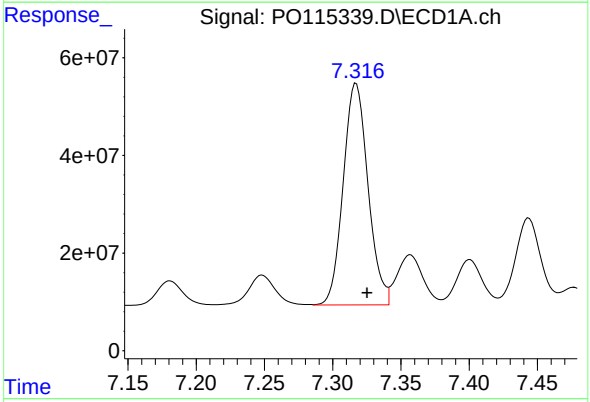
R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 410878555
Conc: 1344.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE1



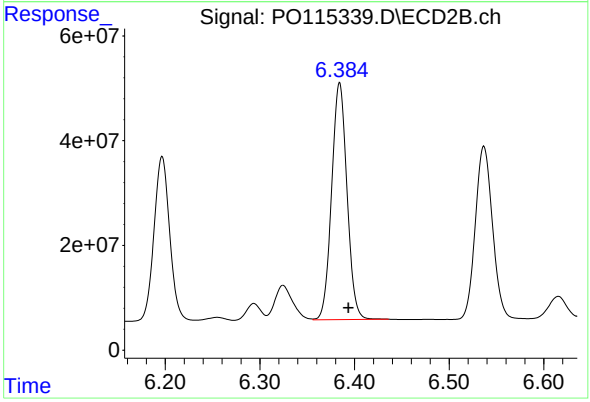
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 361707298
Conc: 1221.54 ng/ml



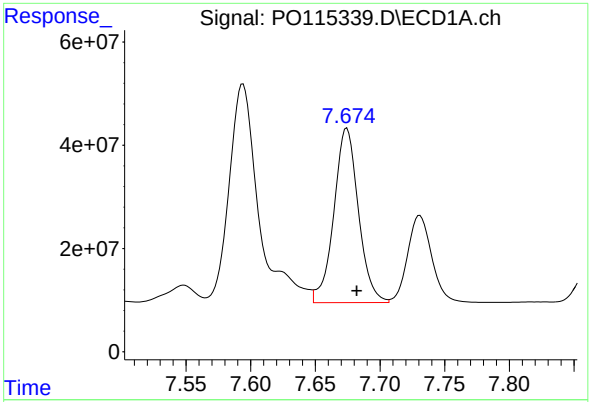
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 574061847
Conc: 1450.10 ng/ml



#32 AR-1260-2

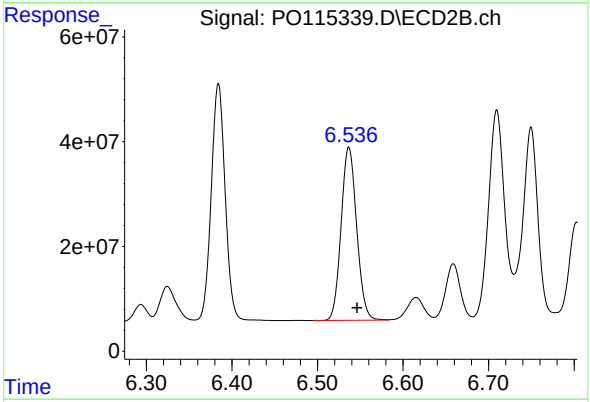
R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 510342905
Conc: 1186.76 ng/ml



#33 AR-1260-3

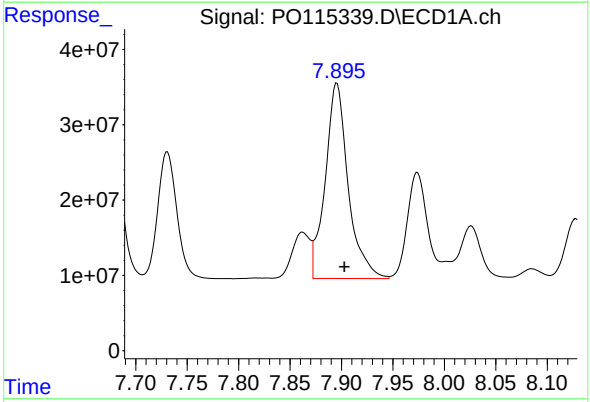
R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 447230241
Conc: 1347.82 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AE1



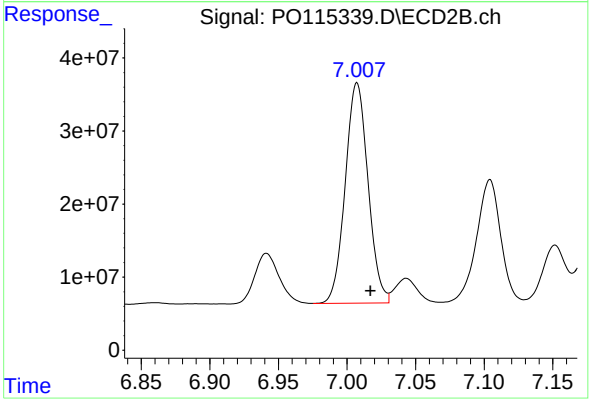
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.010 min
Response: 417463921
Conc: 1188.84 ng/ml



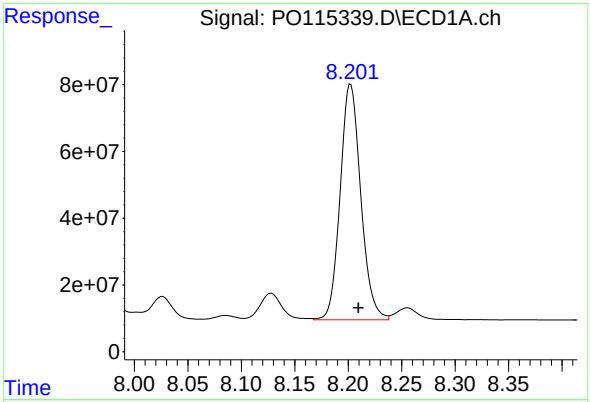
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 402961303
Conc: 1321.10 ng/ml



#34 AR-1260-4

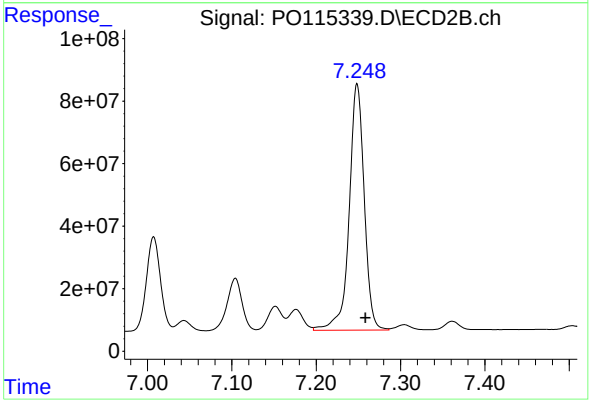
R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 349220208
Conc: 1152.43 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 948940932
Conc: 1330.50 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AE1



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 977374387
Conc: 1189.56 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AE1DL	SDG No.:	Q3694
Lab Sample ID:	Q3694-02DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	40.4	UD	2	9.40	40.4	ug/kg	11/25/25 13:43	PB170688
11104-28-2	Aroclor-1221	40.4	UD	2	9.60	40.4	ug/kg	11/25/25 13:43	PB170688
11141-16-5	Aroclor-1232	40.4	UD	2	8.80	40.4	ug/kg	11/25/25 13:43	PB170688
53469-21-9	Aroclor-1242	40.4	UD	2	9.50	40.4	ug/kg	11/25/25 13:43	PB170688
12672-29-6	Aroclor-1248	40.4	UD	2	14.1	40.4	ug/kg	11/25/25 13:43	PB170688
11097-69-1	Aroclor-1254	40.4	UD	2	7.60	40.4	ug/kg	11/25/25 13:43	PB170688
37324-23-5	Aroclor-1262	40.4	UD	2	11.9	40.4	ug/kg	11/25/25 13:43	PB170688
11100-14-4	Aroclor-1268	40.4	UD	2	8.60	40.4	ug/kg	11/25/25 13:43	PB170688
11096-82-5	Aroclor-1260	506	D	2	7.70	40.4	ug/kg	11/25/25 13:43	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.5			21 - 165	127%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.1			10 - 170	125%	SPK: 20		

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\PO112525\
Data File : PO115402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 13:43
Operator : YP/AJ
Sample : Q3694-02DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AE1DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 14:06:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.338	3.641	88043511	56873266	12.510	12.732
2)	SA Decachlor...	9.914	8.626	52657645	48905545	11.913	12.528
	Target Compounds						
31)	L7 AR-1260-1	7.060	6.194	193.6E6	171.3E6	633.527	578.556
32)	L7 AR-1260-2	7.315	6.382	276.2E6	237.2E6	697.806	551.614
33)	L7 AR-1260-3	7.672	6.535	210.4E6	193.9E6	633.956	552.198
34)	L7 AR-1260-4	7.893	7.005	187.0E6	160.0E6	612.931	527.884
35)	L7 AR-1260-5	8.200	7.246	436.5E6	440.3E6	612.069	535.932

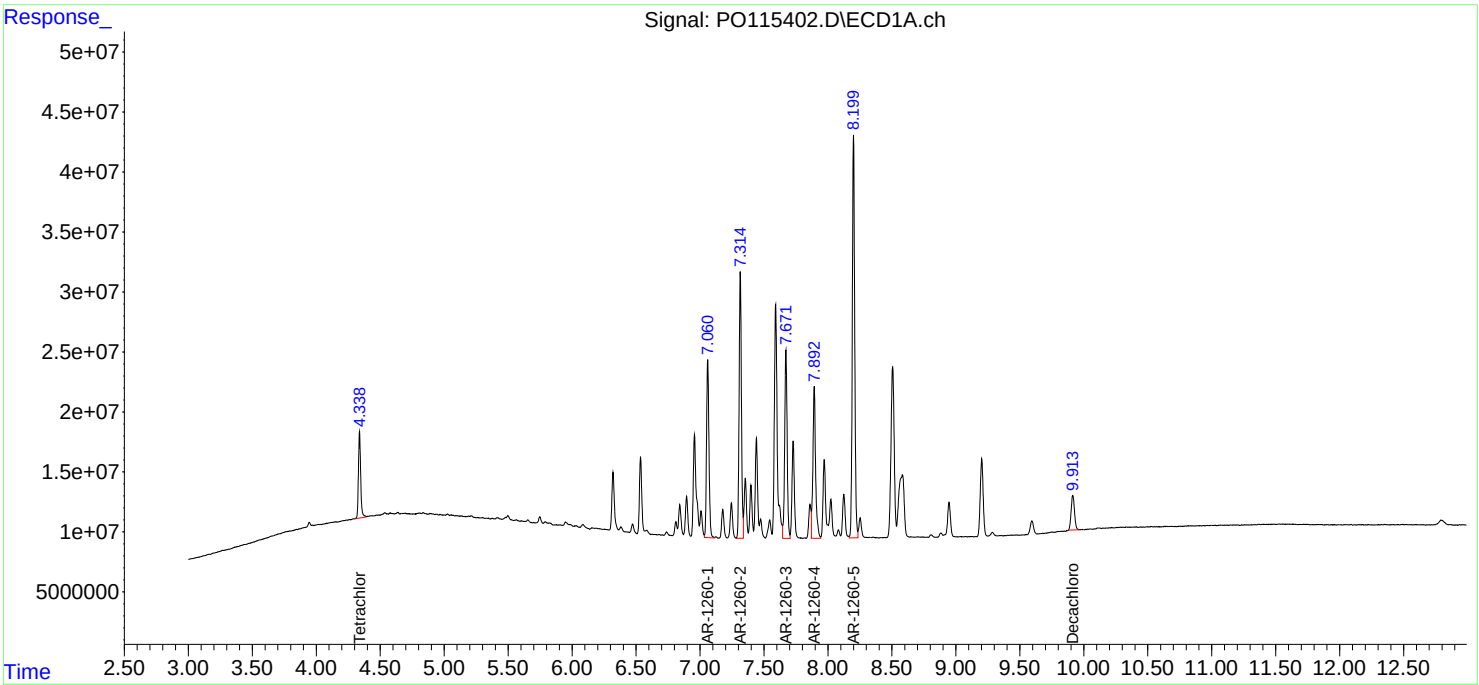
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

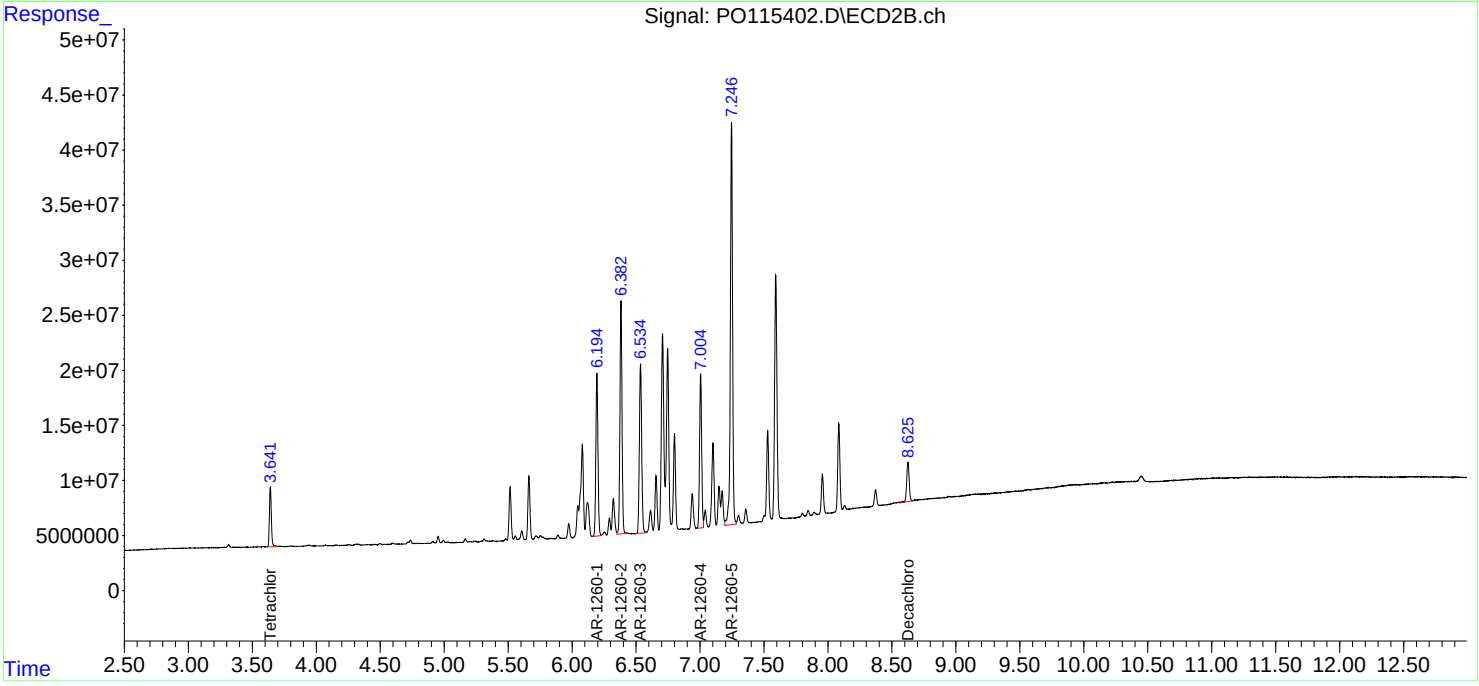
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 13:43
Operator : YP/AJ
Sample : Q3694-02DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

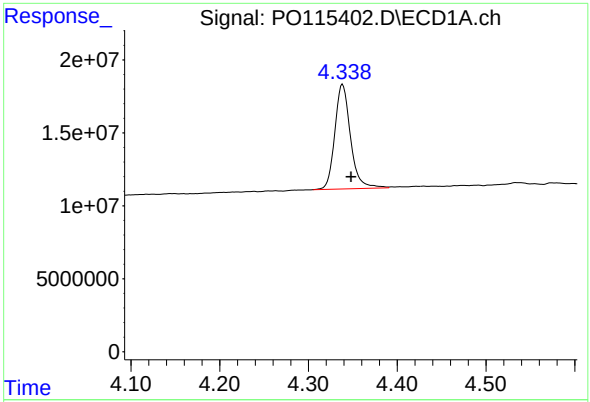
Instrument :
ECD_O
ClientSampleId :
C0AE1DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 14:06:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



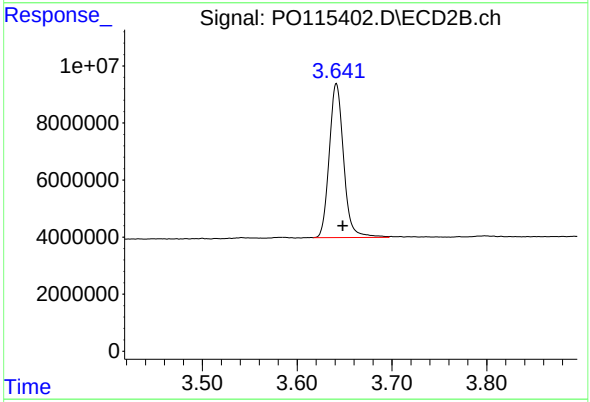




#1 Tetrachloro-m-xylene

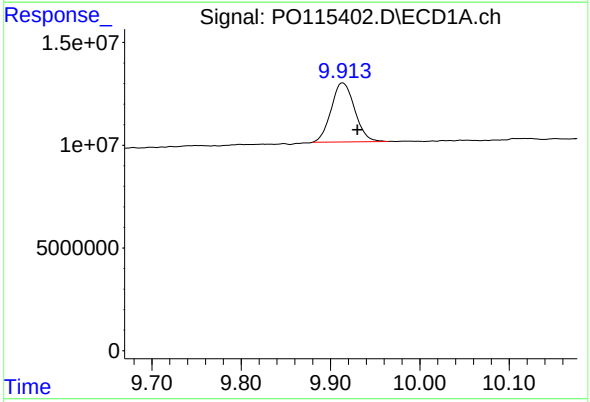
R.T.: 4.338 min
Delta R.T.: -0.010 min
Response: 88043511
Conc: 12.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE1DL



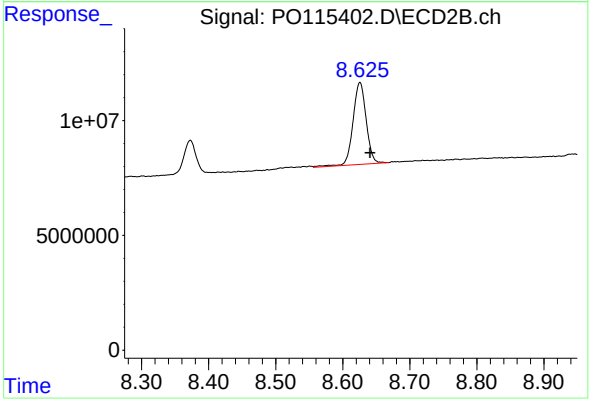
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: -0.007 min
Response: 56873266
Conc: 12.73 ng/ml



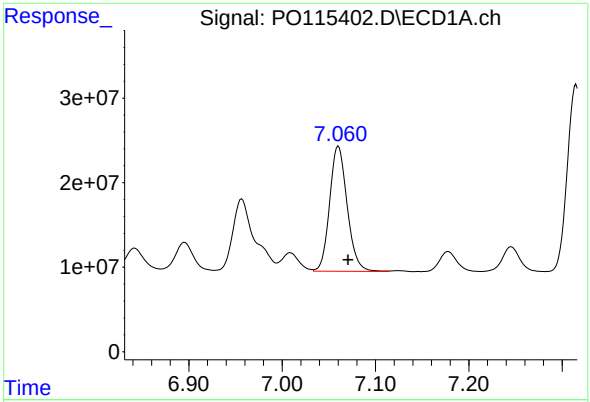
#2 Decachlorobiphenyl

R.T.: 9.914 min
Delta R.T.: -0.016 min
Response: 52657645
Conc: 11.91 ng/ml



#2 Decachlorobiphenyl

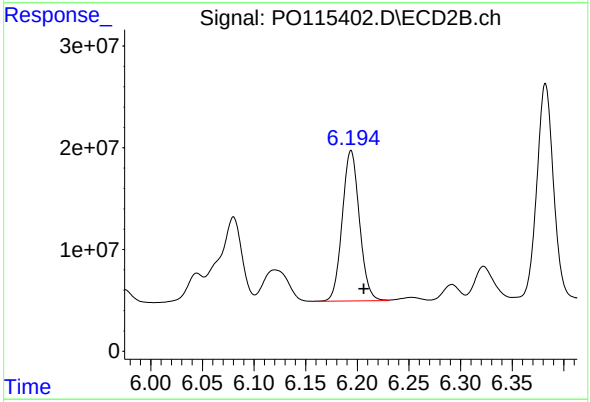
R.T.: 8.626 min
Delta R.T.: -0.015 min
Response: 48905545
Conc: 12.53 ng/ml



#31 AR-1260-1

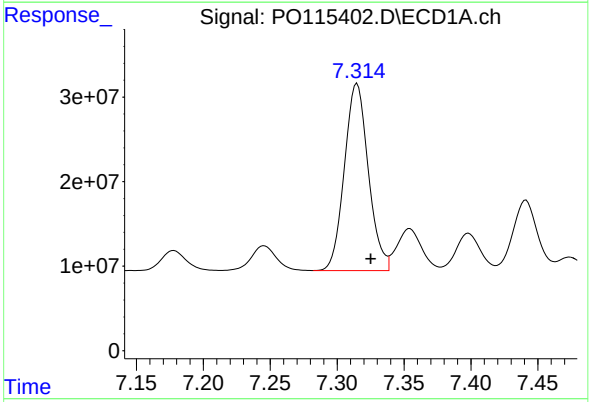
R.T.: 7.060 min
Delta R.T.: -0.010 min
Response: 193627083
Conc: 633.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE1DL



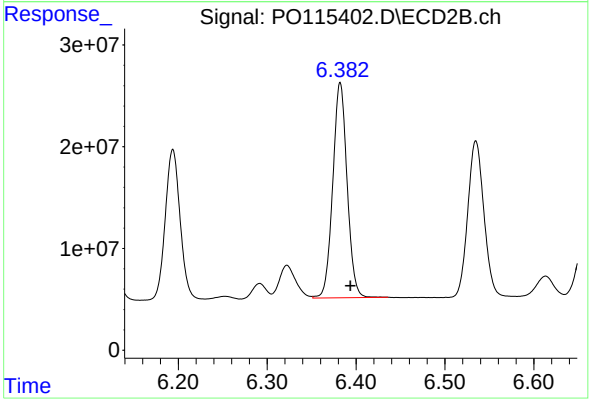
#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.012 min
Response: 171314700
Conc: 578.56 ng/ml



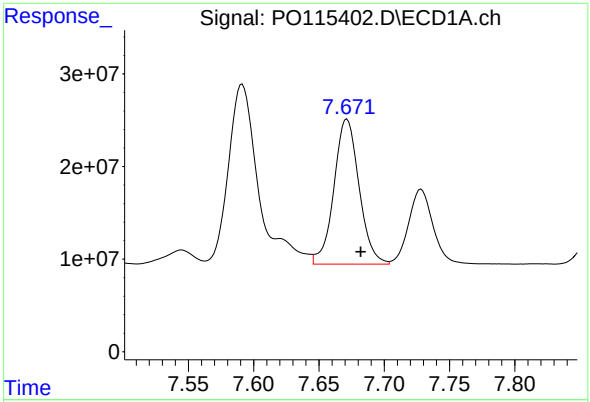
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 276245644
Conc: 697.81 ng/ml



#32 AR-1260-2

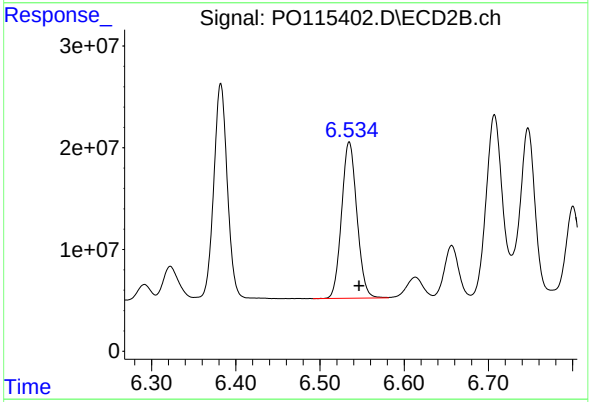
R.T.: 6.382 min
Delta R.T.: -0.011 min
Response: 237211429
Conc: 551.61 ng/ml



#33 AR-1260-3

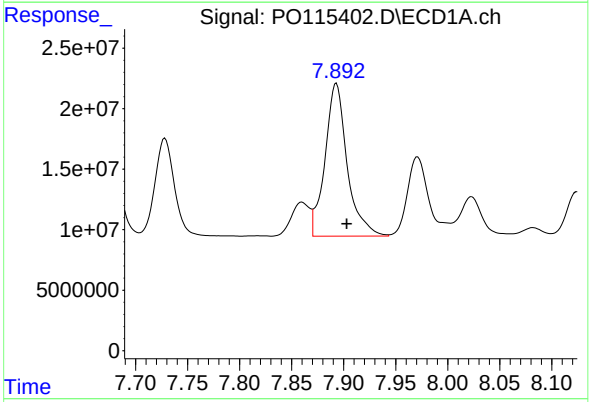
R.T.: 7.672 min
Delta R.T.: -0.010 min
Response: 210357847
Conc: 633.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE1DL



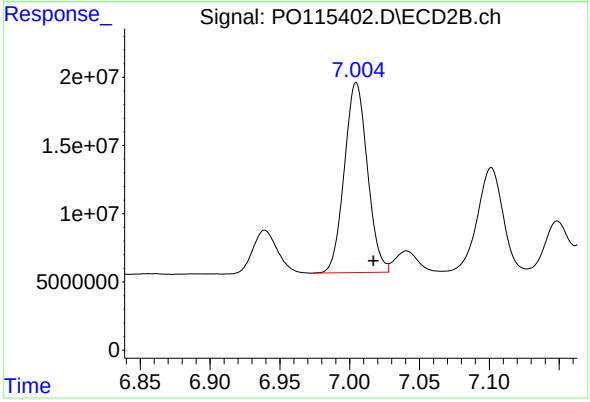
#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: -0.011 min
Response: 193904951
Conc: 552.20 ng/ml



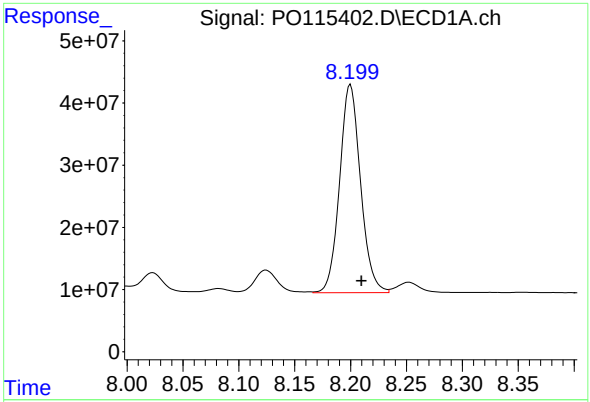
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 186956319
Conc: 612.93 ng/ml



#34 AR-1260-4

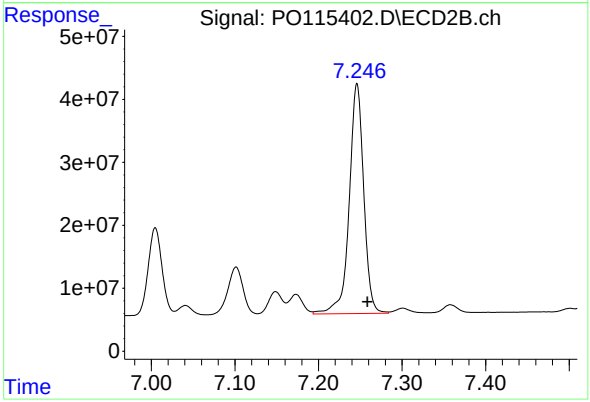
R.T.: 7.005 min
Delta R.T.: -0.012 min
Response: 159963900
Conc: 527.88 ng/ml



#35 AR-1260-5

R.T.: 8.200 min
Delta R.T.: -0.010 min
Response: 436538766
Conc: 612.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE1DL



#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.012 min
Response: 440337182
Conc: 535.93 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AE2	SDG No.:	Q3694
Lab Sample ID:	Q3694-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	79.6
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21.3	U	1	5.00	21.3	ug/kg	11/21/25 22:30	PB170688
11104-28-2	Aroclor-1221	21.3	U	1	5.10	21.3	ug/kg	11/21/25 22:30	PB170688
11141-16-5	Aroclor-1232	21.3	U	1	4.70	21.3	ug/kg	11/21/25 22:30	PB170688
53469-21-9	Aroclor-1242	21.3	U	1	5.00	21.3	ug/kg	11/21/25 22:30	PB170688
12672-29-6	Aroclor-1248	21.3	U	1	7.40	21.3	ug/kg	11/21/25 22:30	PB170688
11097-69-1	Aroclor-1254	21.3	U	1	4.00	21.3	ug/kg	11/21/25 22:30	PB170688
37324-23-5	Aroclor-1262	21.3	U	1	6.30	21.3	ug/kg	11/21/25 22:30	PB170688
11100-14-4	Aroclor-1268	21.3	U	1	4.50	21.3	ug/kg	11/21/25 22:30	PB170688
11096-82-5	Aroclor-1260	131		1	4.10	21.3	ug/kg	11/21/25 22:30	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.1			21 - 165	135%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.7			10 - 170	123%	SPK: 20		

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\PO112125\
Data File : PO115345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:30
Operator : YP/AJ
Sample : Q3694-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AE2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:50:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.644	188.9E6	121.0E6	26.841	27.083
2)	SA Decachlor...	9.918	8.630	108.8E6	96305837	24.619	24.670
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.197	92652140	85260540	303.148	287.938
32)	L7 AR-1260-2	7.317	6.385	130.0E6	118.4E6	328.268	275.222
33)	L7 AR-1260-3	7.674	6.537	101.0E6	98271512	304.249	279.855
34)	L7 AR-1260-4	7.896	7.008	96759138	84712324	317.222	279.552
35)	L7 AR-1260-5	8.203	7.249	220.4E6	230.4E6	309.001	280.477

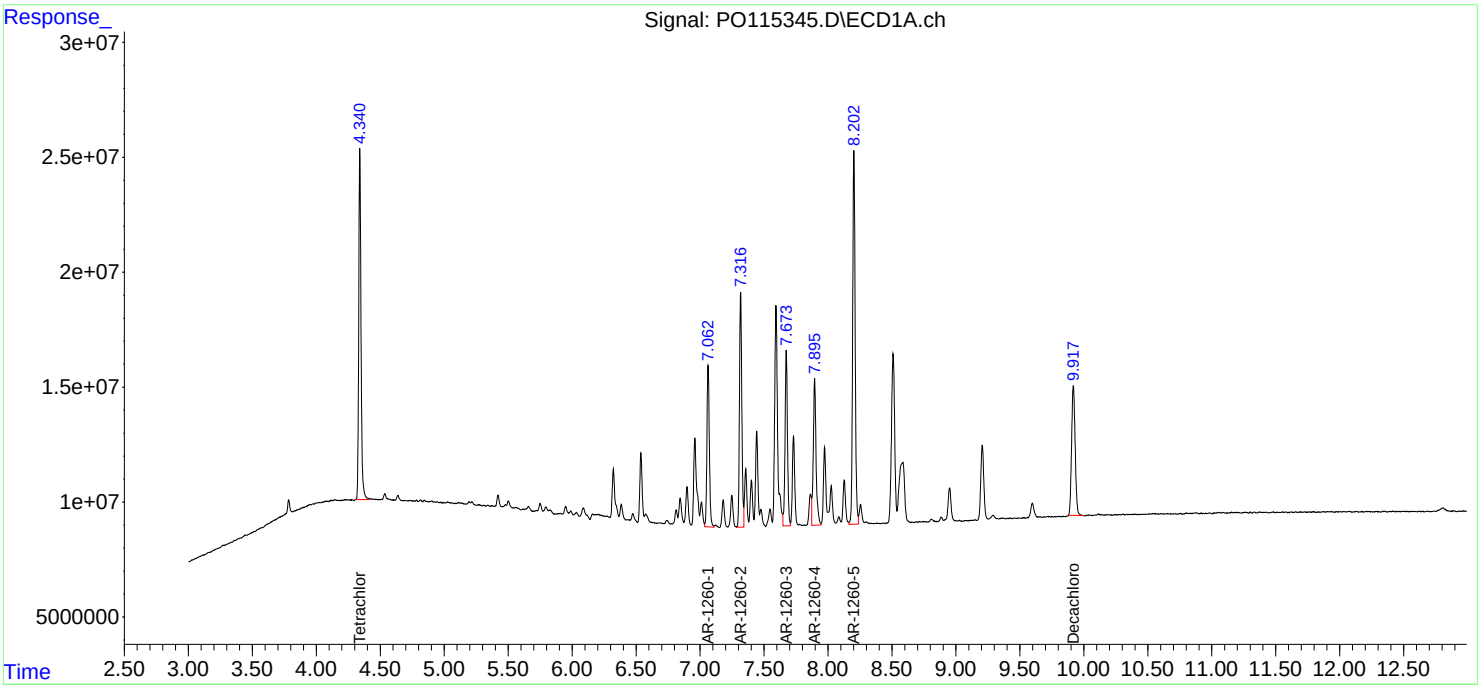
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

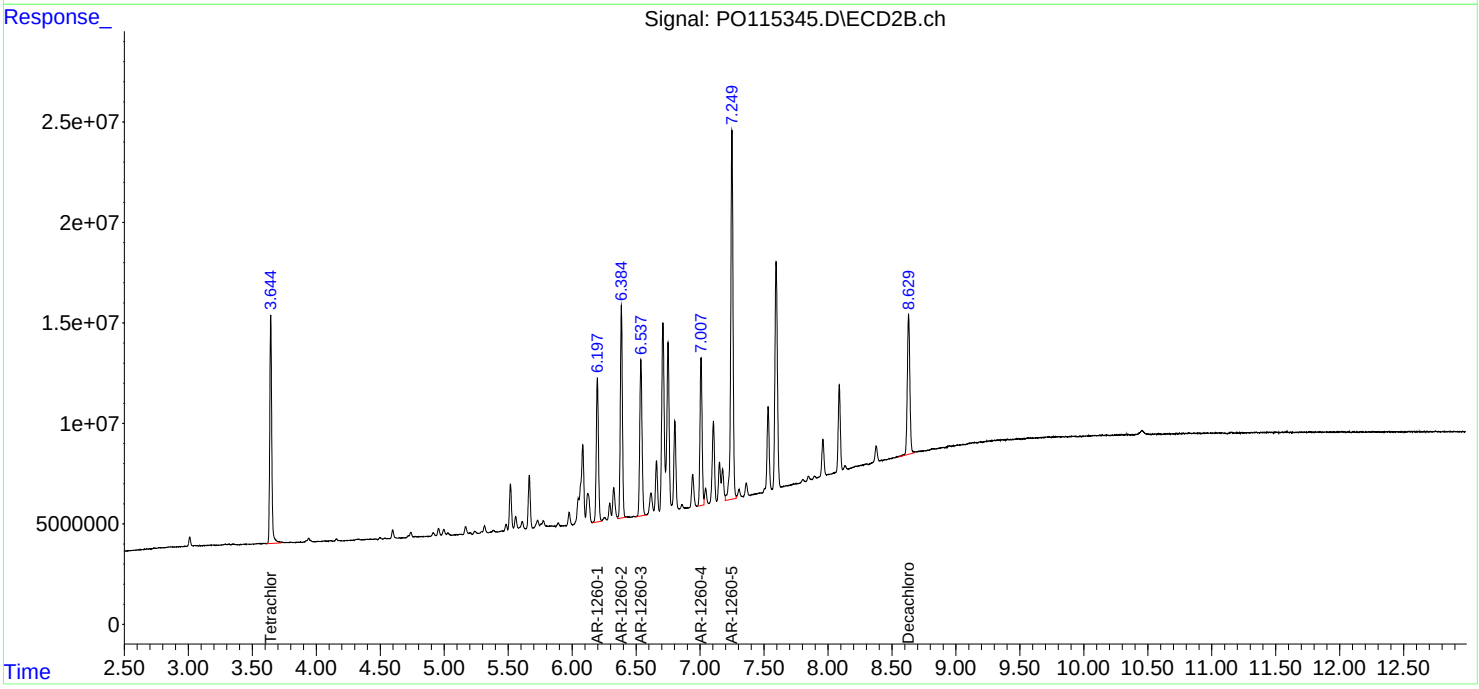
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:30
Operator : YP/AJ
Sample : Q3694-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

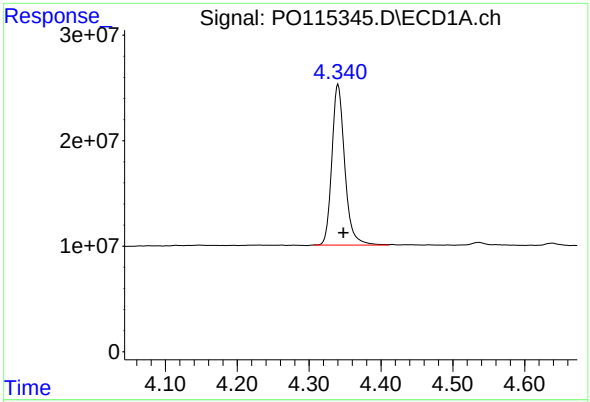
Instrument :
ECD_O
ClientSampleId :
C0AE2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:50:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



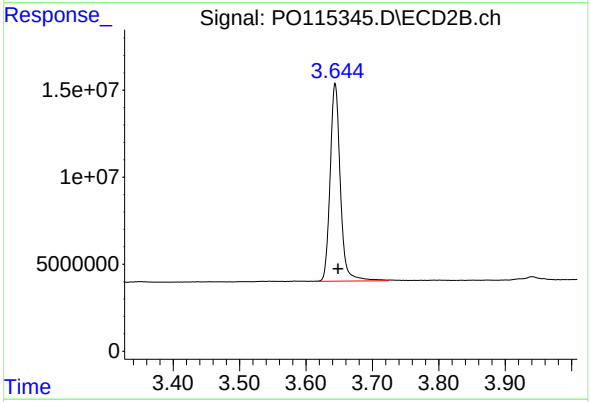




#1 Tetrachloro-m-xylene

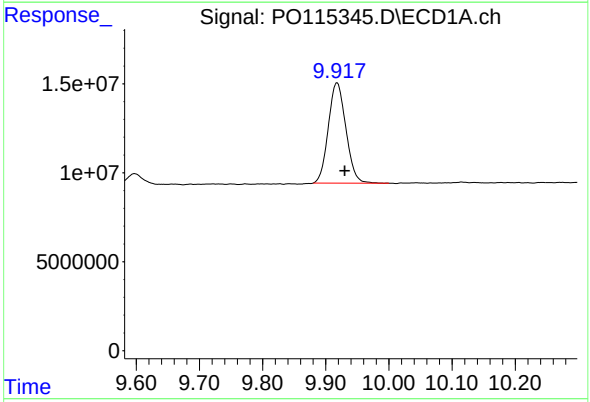
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 188910678
Conc: 26.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE2



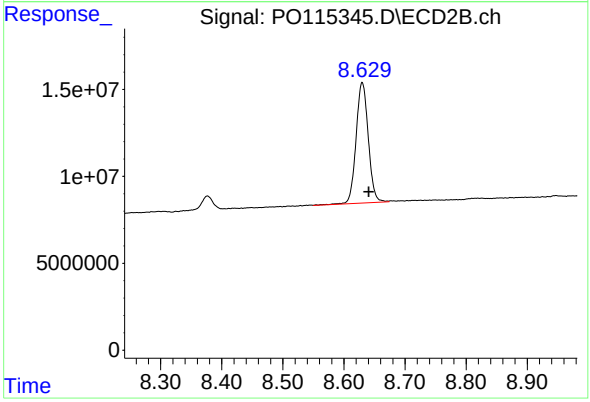
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 120973747
Conc: 27.08 ng/ml



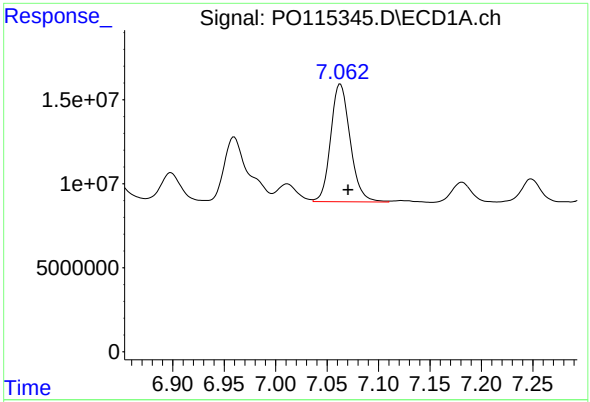
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 108822717
Conc: 24.62 ng/ml



#2 Decachlorobiphenyl

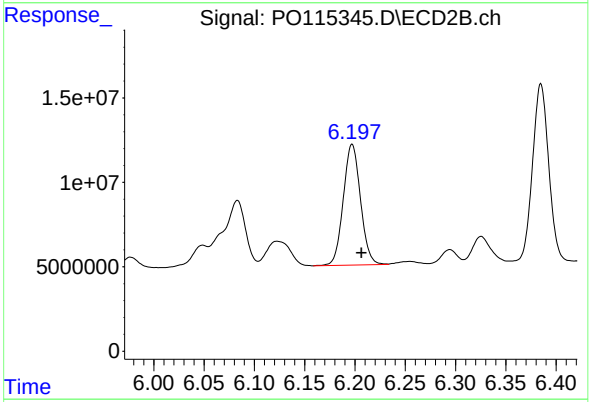
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 96305837
Conc: 24.67 ng/ml



#31 AR-1260-1

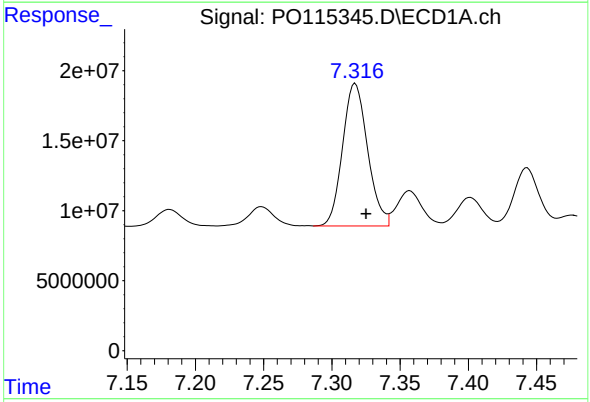
R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 92652140
Conc: 303.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE2



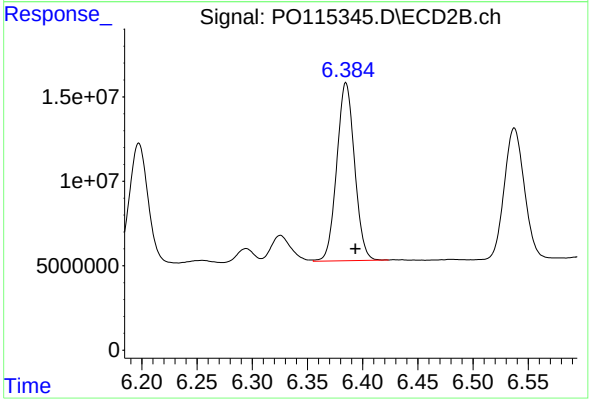
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 85260540
Conc: 287.94 ng/ml



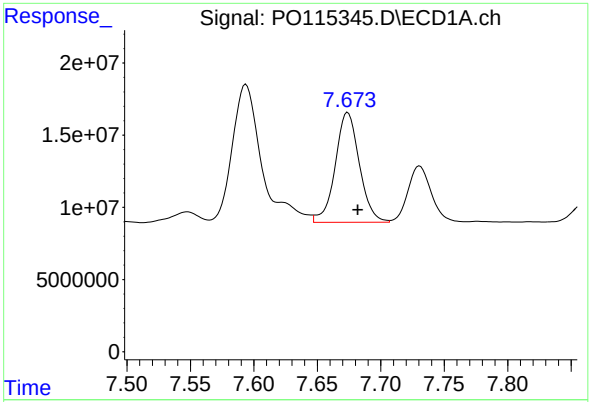
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 129953797
Conc: 328.27 ng/ml



#32 AR-1260-2

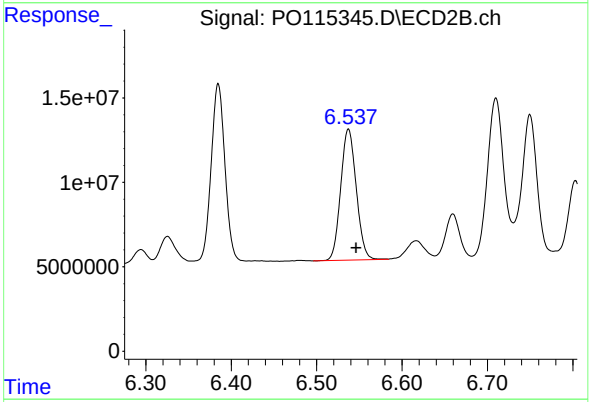
R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 118354264
Conc: 275.22 ng/ml



#33 AR-1260-3

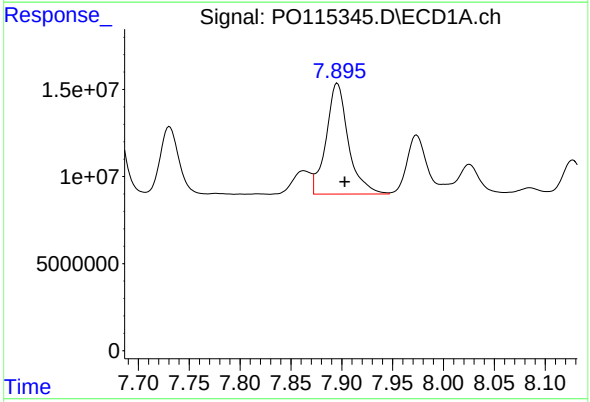
R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 100955142
Conc: 304.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE2



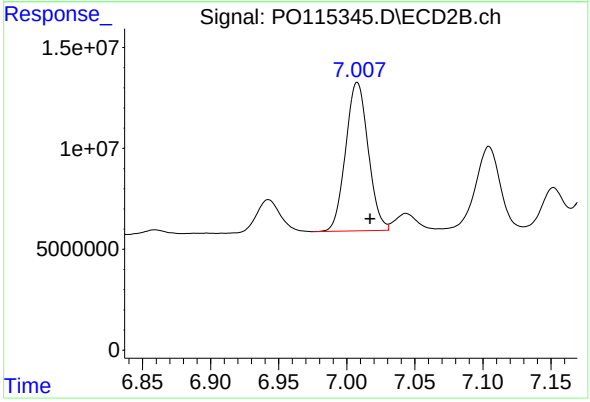
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 98271512
Conc: 279.86 ng/ml



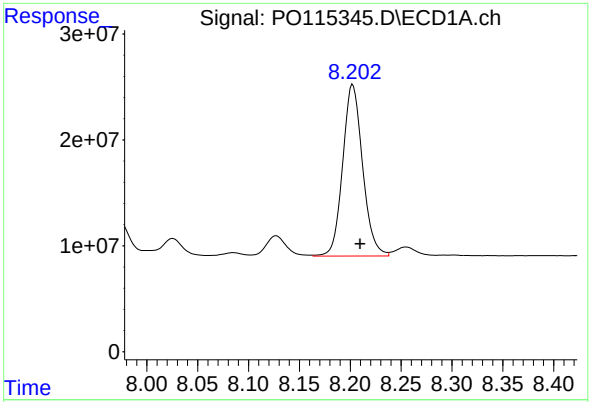
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 96759138
Conc: 317.22 ng/ml



#34 AR-1260-4

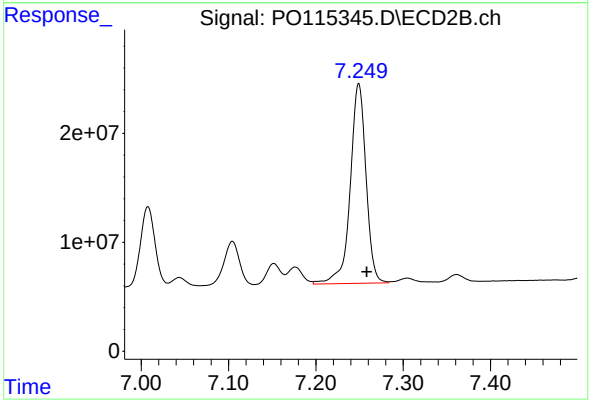
R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 84712324
Conc: 279.55 ng/ml



#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 220385065
Conc: 309.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE2



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 230448162
Conc: 280.48 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AE3	SDG No.:	Q3694
Lab Sample ID:	Q3694-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.7
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.5	U	1	4.80	20.5	ug/kg	11/21/25 22:49	PB170688
11104-28-2	Aroclor-1221	20.5	U	1	4.90	20.5	ug/kg	11/21/25 22:49	PB170688
11141-16-5	Aroclor-1232	20.5	U	1	4.50	20.5	ug/kg	11/21/25 22:49	PB170688
53469-21-9	Aroclor-1242	52.6		1	4.80	20.5	ug/kg	11/21/25 22:49	PB170688
12672-29-6	Aroclor-1248	20.5	U	1	7.20	20.5	ug/kg	11/21/25 22:49	PB170688
11097-69-1	Aroclor-1254	20.5	U	1	3.90	20.5	ug/kg	11/21/25 22:49	PB170688
37324-23-5	Aroclor-1262	20.5	U	1	6.10	20.5	ug/kg	11/21/25 22:49	PB170688
11100-14-4	Aroclor-1268	20.5	U	1	4.40	20.5	ug/kg	11/21/25 22:49	PB170688
11096-82-5	Aroclor-1260	11.1	J	1	3.90	20.5	ug/kg	11/21/25 22:49	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.7			21 - 165	138%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.7			10 - 170	128%	SPK: 20		

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\PO112125\
Data File : PO115346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:49
Operator : YP/AJ
Sample : Q3694-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AE3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:51:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	194.6E6	122.6E6	27.656	27.454
2)	SA Decachlor...	9.917	8.630	112.9E6	100.2E6	25.545	25.667
	Target Compounds						
16)	L4 AR-1242-1	5.479	4.720	19279141	15484525	103.517	105.898m
17)	L4 AR-1242-2	5.501	4.739	50284339	32206458	168.301	155.476m
18)	L4 AR-1242-3	5.570	4.913	6604276	16523267	38.538	147.559 #
19)	L4 AR-1242-4	5.658	4.997	24347756	13986203	170.046	130.552
20)	L4 AR-1242-5	6.385	5.517	17535341	16200441	124.402	113.355
31)	L7 AR-1260-1	7.063	6.197	8150118	10722198	26.666	36.210 #
32)	L7 AR-1260-2	7.317	6.384	10372919	10897568	26.202	25.341
33)	L7 AR-1260-3	7.673	6.536	7987156	6893841	24.071	19.632
34)	L7 AR-1260-4	7.893	7.007	9953533	6008684	32.632m	19.829 #
35)	L7 AR-1260-5	8.202	7.248	20102067	17886944	28.185	21.770

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

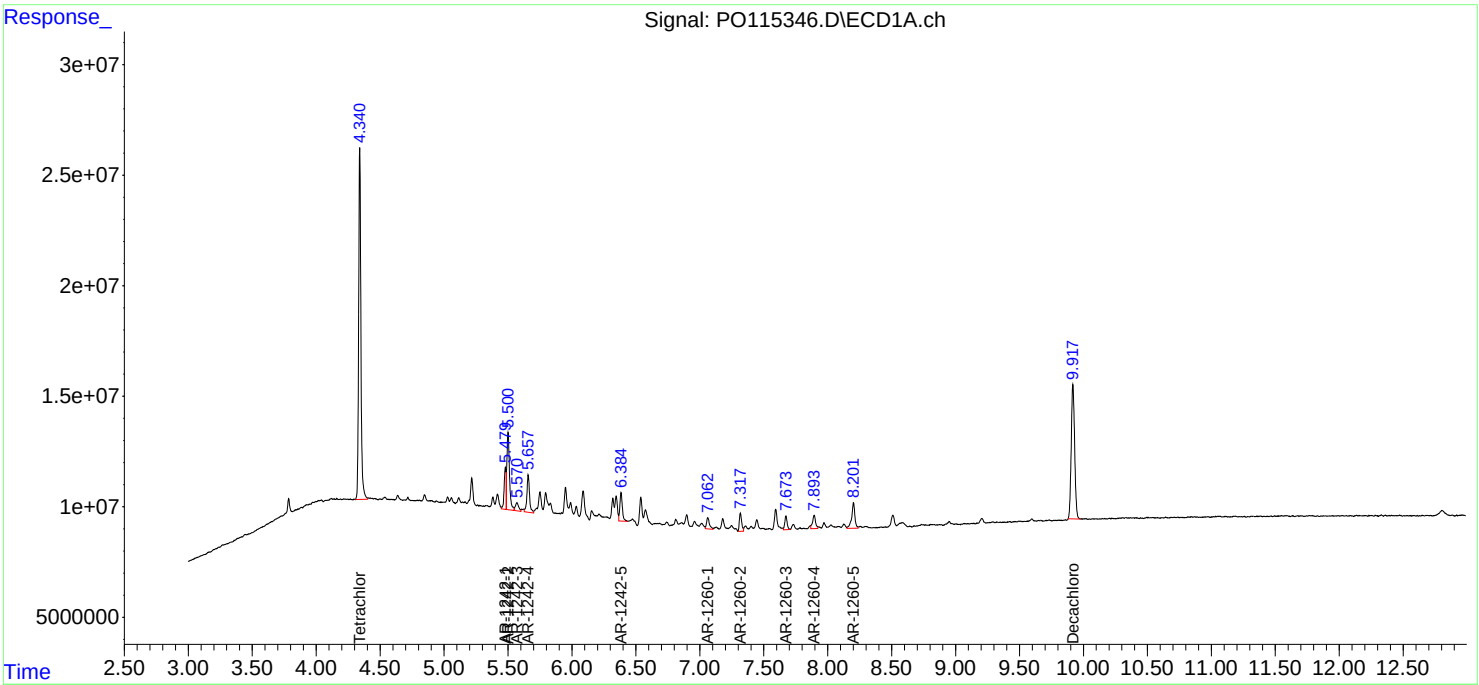
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:49
Operator : YP/AJ
Sample : Q3694-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

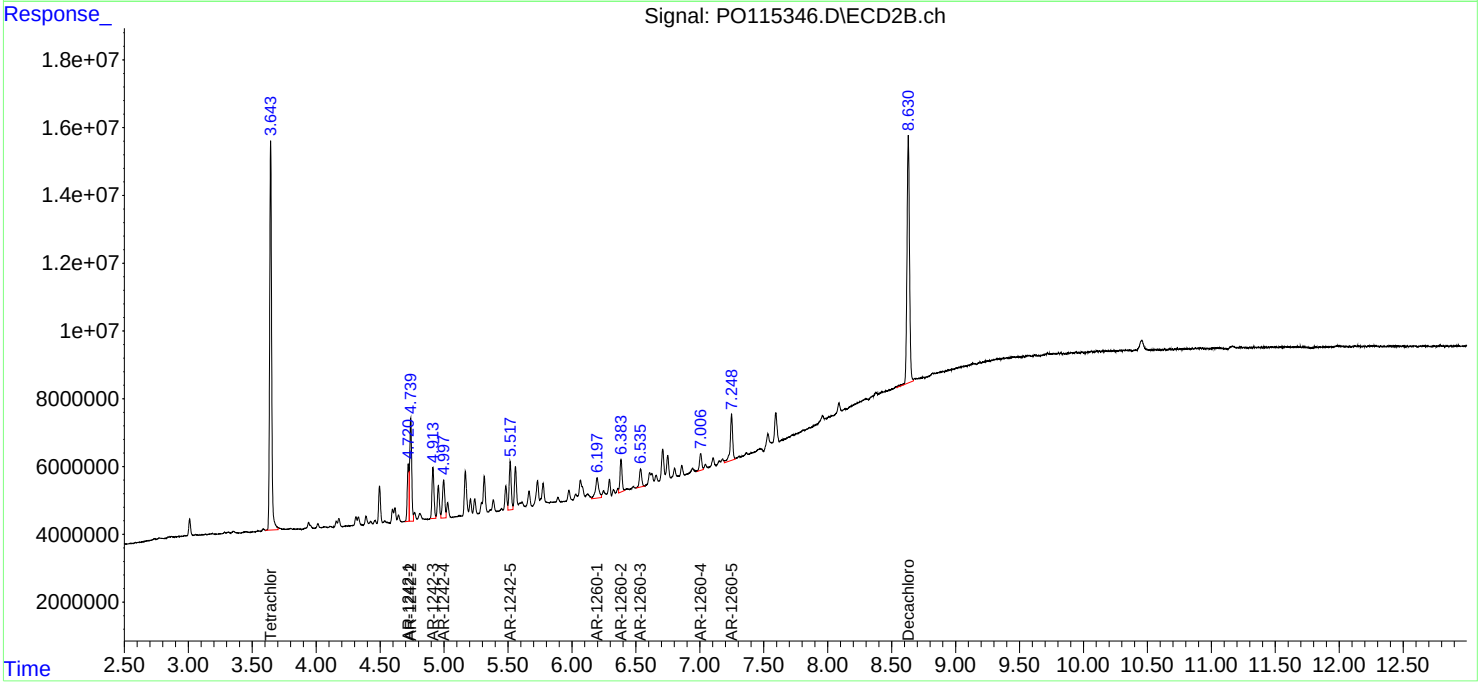
Instrument :
ECD_O
ClientSampleId :
C0AE3

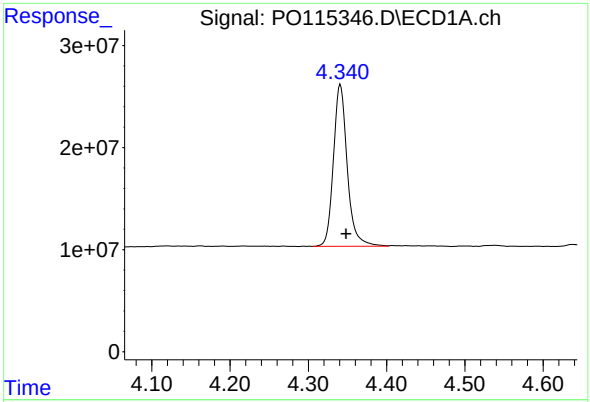
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:51:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







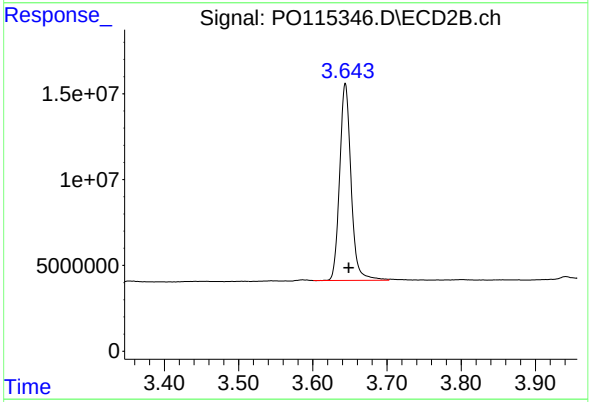
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 194649082
Conc: 27.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE3

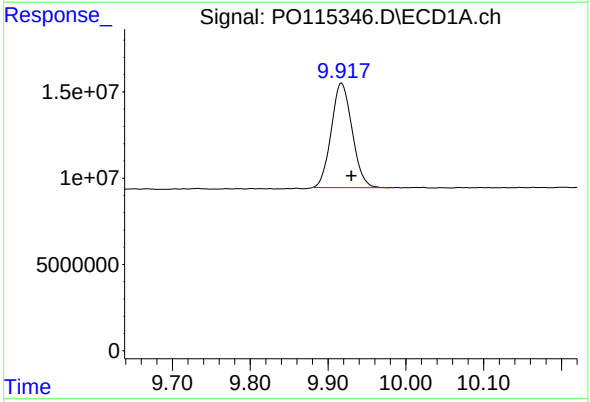
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



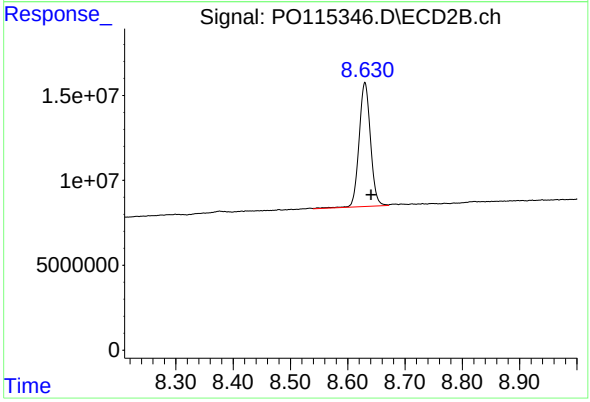
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 122629131
Conc: 27.45 ng/ml



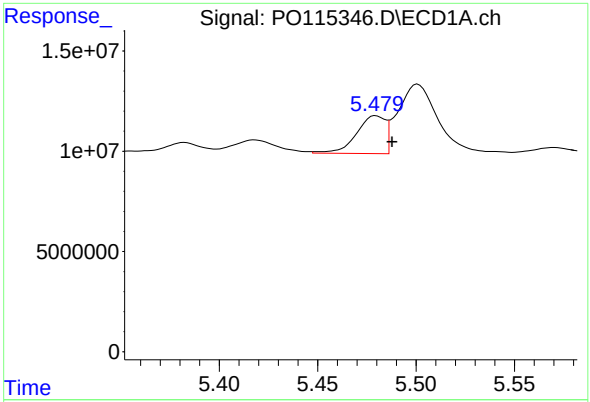
#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.013 min
Response: 112916639
Conc: 25.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 100200335
Conc: 25.67 ng/ml



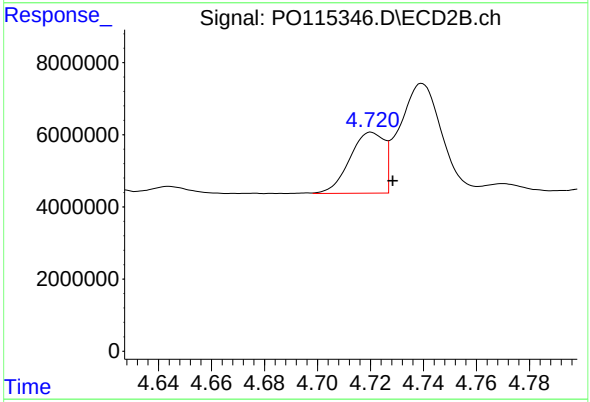
#16 AR-1242-1

R.T.: 5.479 min
Delta R.T.: -0.008 min
Response: 19279141
Conc: 103.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE3

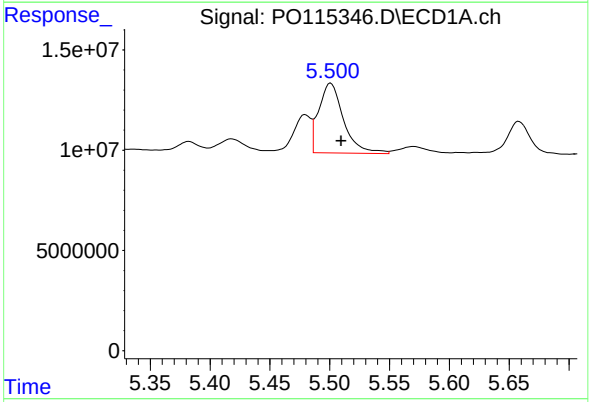
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



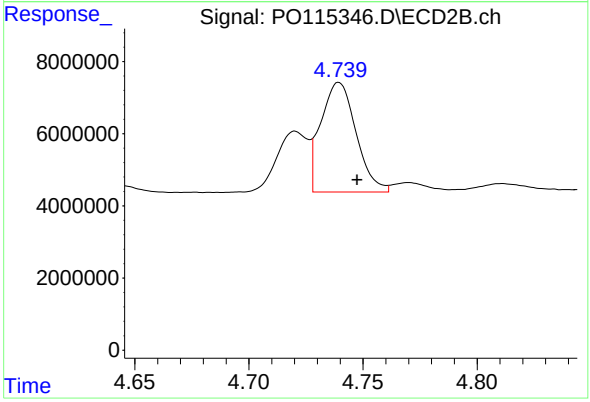
#16 AR-1242-1

R.T.: 4.720 min
Delta R.T.: -0.009 min
Response: 15484525
Conc: 105.90 ng/ml m



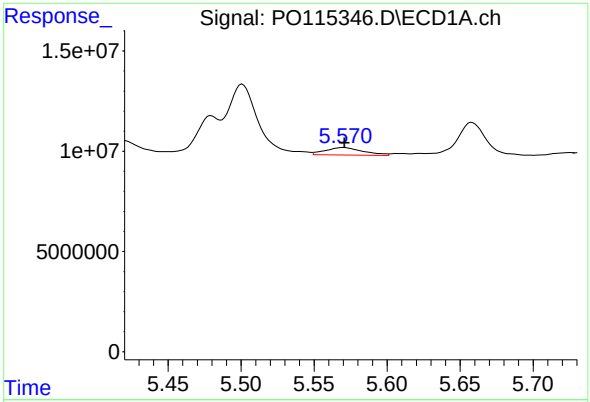
#17 AR-1242-2

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 50284339
Conc: 168.30 ng/ml



#17 AR-1242-2

R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 32206458
Conc: 155.48 ng/ml m



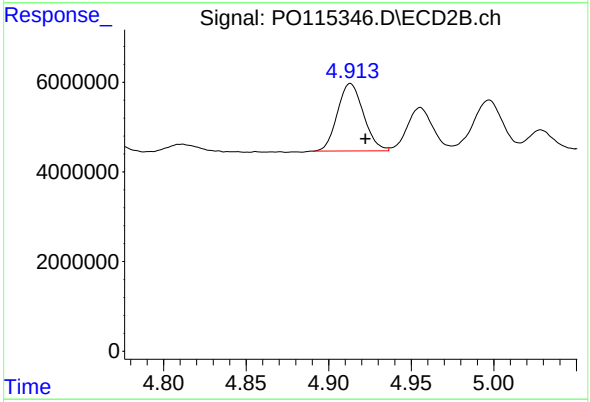
#18 AR-1242-3

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 6604276
Conc: 38.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE3

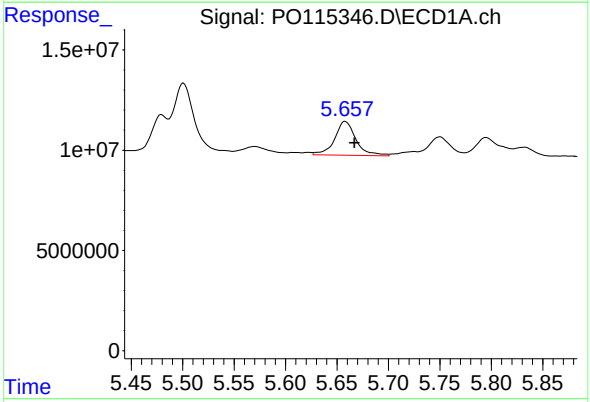
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



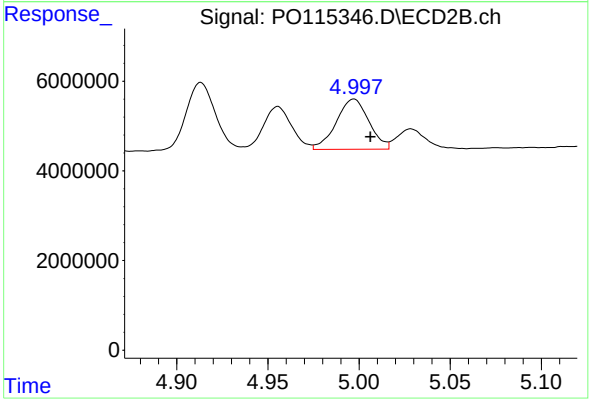
#18 AR-1242-3

R.T.: 4.913 min
Delta R.T.: -0.009 min
Response: 16523267
Conc: 147.56 ng/ml



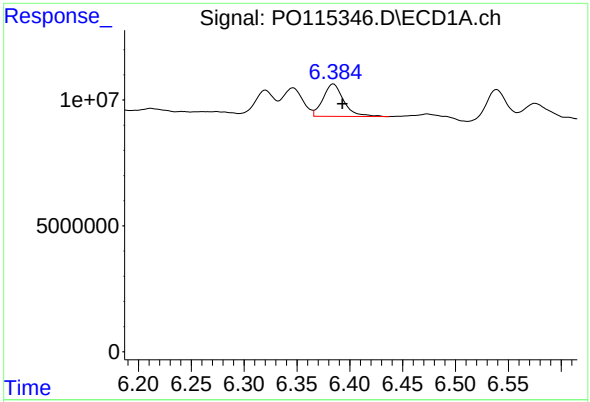
#19 AR-1242-4

R.T.: 5.658 min
Delta R.T.: -0.009 min
Response: 24347756
Conc: 170.05 ng/ml



#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.009 min
Response: 13986203
Conc: 130.55 ng/ml



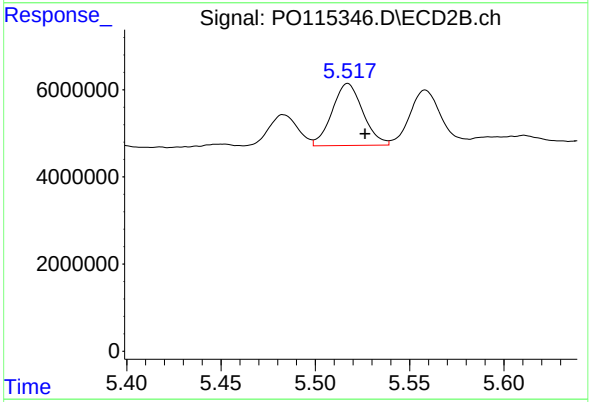
#20 AR-1242-5

R.T.: 6.385 min
Delta R.T.: -0.008 min
Response: 17535341
Conc: 124.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE3

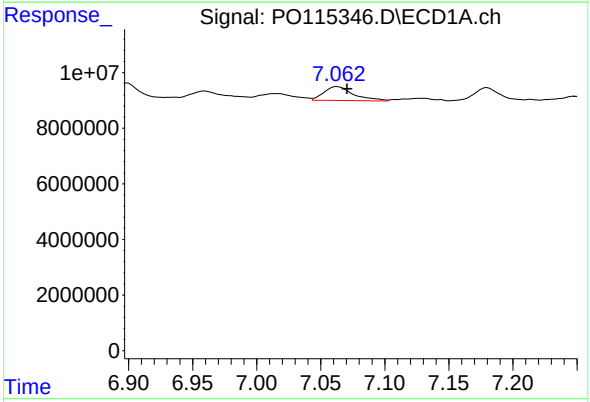
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



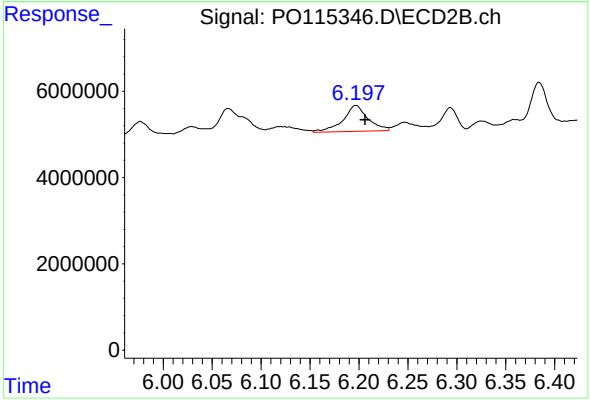
#20 AR-1242-5

R.T.: 5.517 min
Delta R.T.: -0.009 min
Response: 16200441
Conc: 113.35 ng/ml



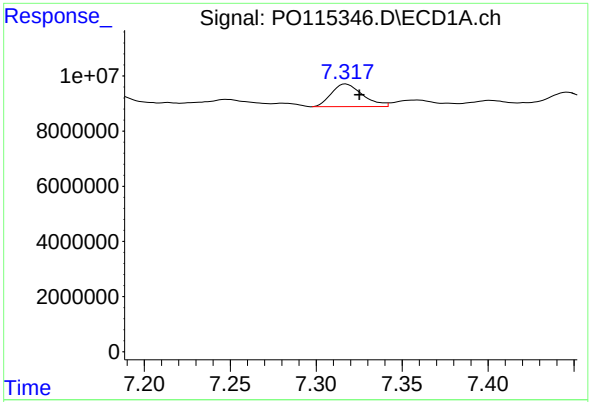
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 8150118
Conc: 26.67 ng/ml



#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 10722198
Conc: 36.21 ng/ml



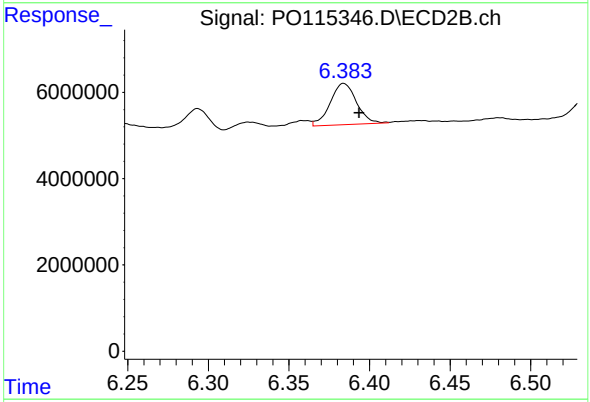
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 10372919
Conc: 26.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE3

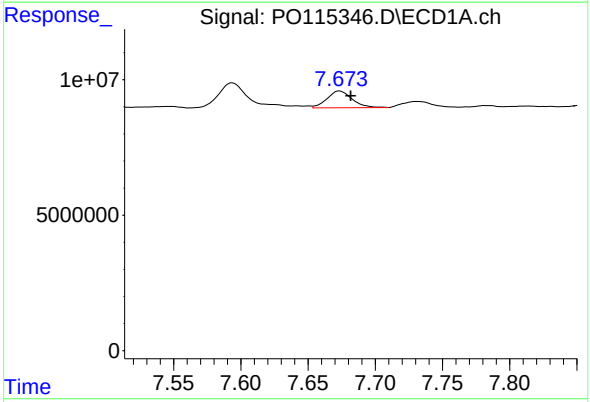
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



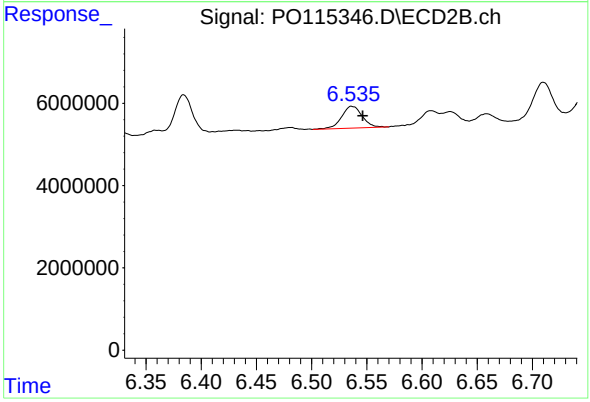
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 10897568
Conc: 25.34 ng/ml



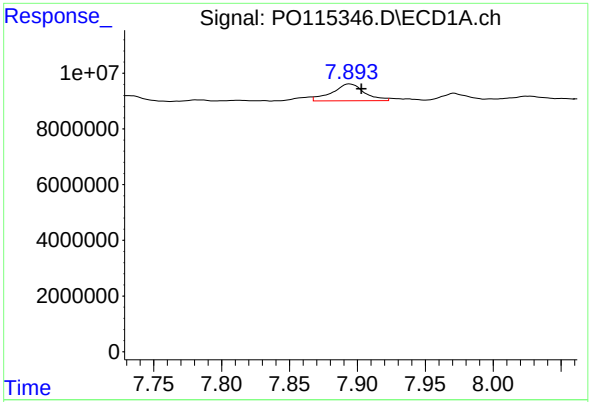
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.008 min
Response: 7987156
Conc: 24.07 ng/ml



#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.010 min
Response: 6893841
Conc: 19.63 ng/ml



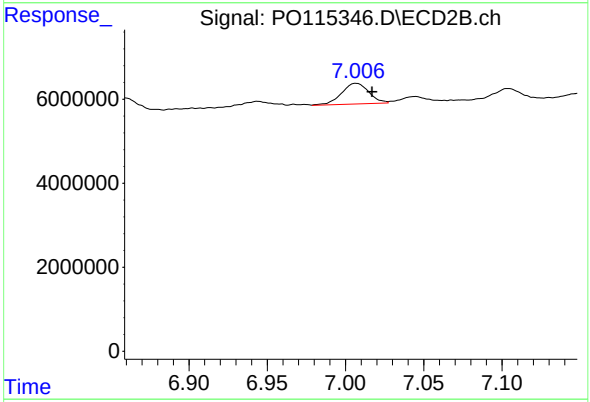
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.009 min
Response: 9953533
Conc: 32.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AE3

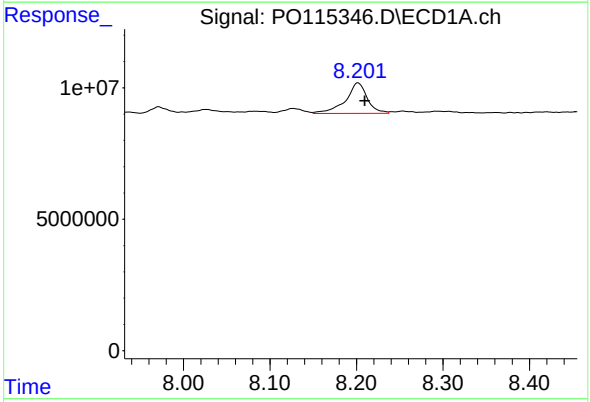
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



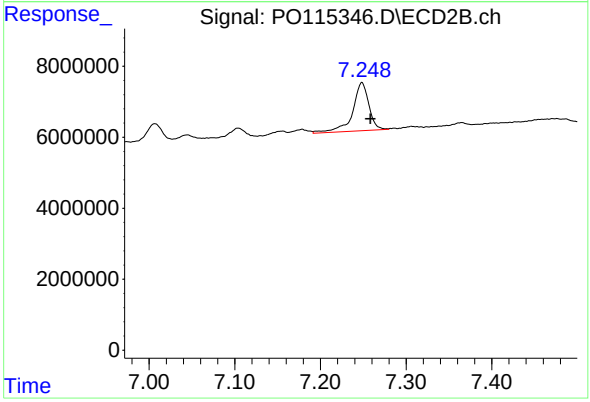
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 6008684
Conc: 19.83 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.008 min
Response: 20102067
Conc: 28.18 ng/ml



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 17886944
Conc: 21.77 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AF3	SDG No.:	Q3694
Lab Sample ID:	Q3694-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.2
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.9	U	1	4.90	20.9	ug/kg	11/21/25 23:07	PB170688
11104-28-2	Aroclor-1221	20.9	U	1	5.00	20.9	ug/kg	11/21/25 23:07	PB170688
11141-16-5	Aroclor-1232	20.9	U	1	4.60	20.9	ug/kg	11/21/25 23:07	PB170688
53469-21-9	Aroclor-1242	20.9	U	1	4.90	20.9	ug/kg	11/21/25 23:07	PB170688
12672-29-6	Aroclor-1248	20.9	U	1	7.30	20.9	ug/kg	11/21/25 23:07	PB170688
11097-69-1	Aroclor-1254	20.9	U	1	3.90	20.9	ug/kg	11/21/25 23:07	PB170688
37324-23-5	Aroclor-1262	20.9	U	1	6.20	20.9	ug/kg	11/21/25 23:07	PB170688
11100-14-4	Aroclor-1268	20.9	U	1	4.40	20.9	ug/kg	11/21/25 23:07	PB170688
11096-82-5	Aroclor-1260	65.9		1	4.00	20.9	ug/kg	11/21/25 23:07	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.5			21 - 165	123%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.6			10 - 170	113%	SPK: 20		

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\PO112125\
Data File : PO115347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:07
Operator : YP/AJ
Sample : Q3694-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AF3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:52:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	171.9E6	109.6E6	24.429	24.532
2)	SA Decachlor...	9.920	8.631	99704021	86304447	22.556	22.108
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.197	45091641	42105725	147.535	142.197
32)	L7 AR-1260-2	7.318	6.385	69242186	64957666	174.908	151.053
33)	L7 AR-1260-3	7.675	6.538	58529270	46595857	176.390	132.694
34)	L7 AR-1260-4	7.896	7.008	49904888	42932361	163.612	141.678
35)	L7 AR-1260-5	8.203	7.249	100.7E6	104.6E6	141.201	127.291

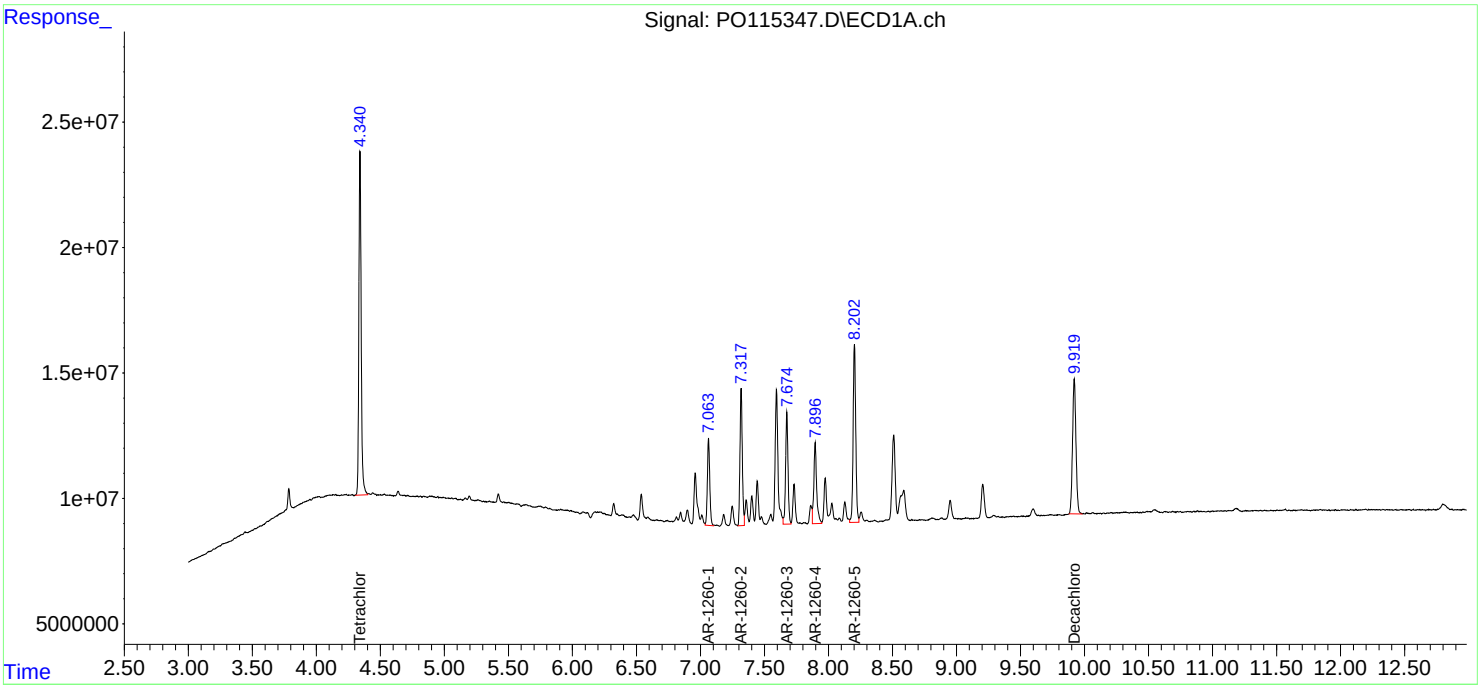
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

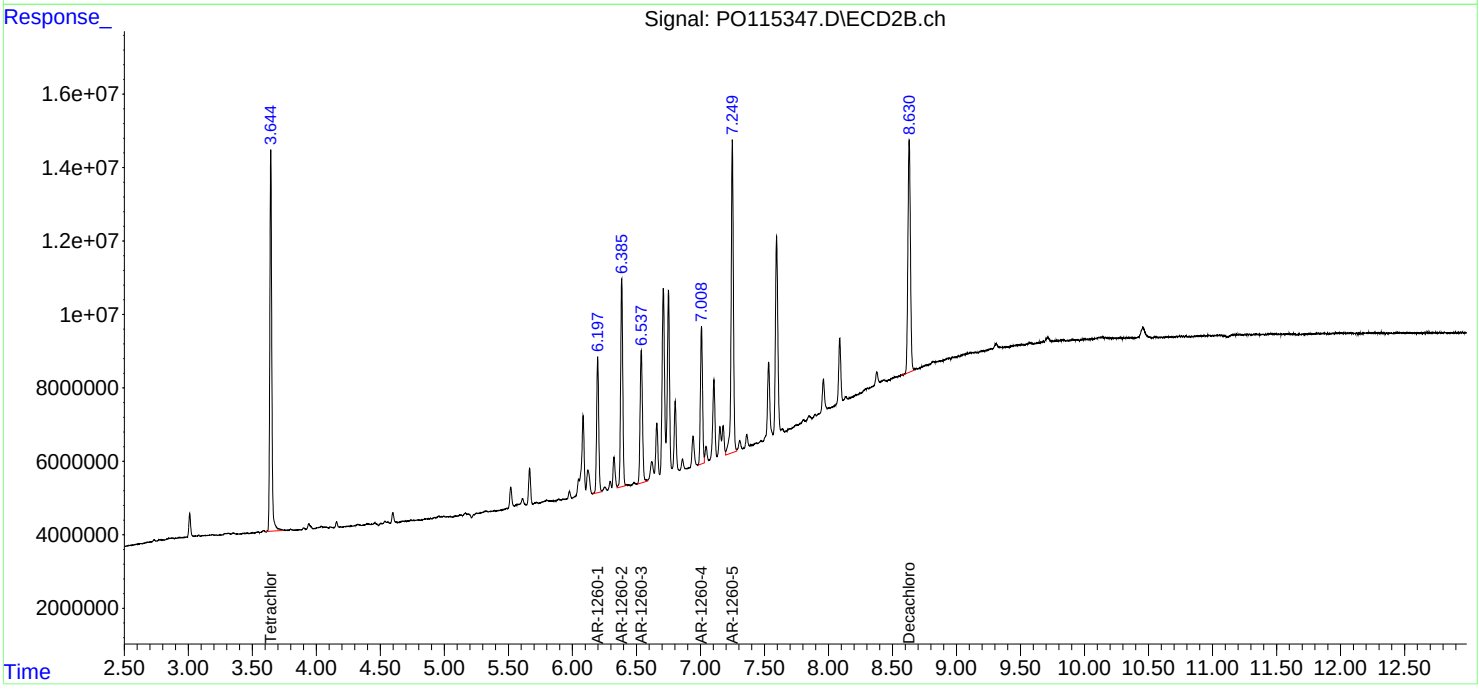
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:07
Operator : YP/AJ
Sample : Q3694-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

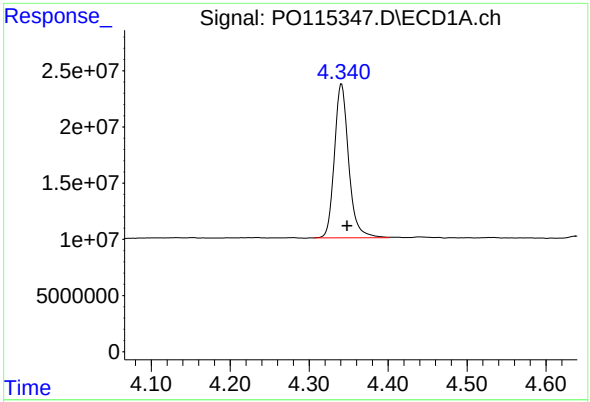
Instrument :
ECD_O
ClientSampleId :
C0AF3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:52:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



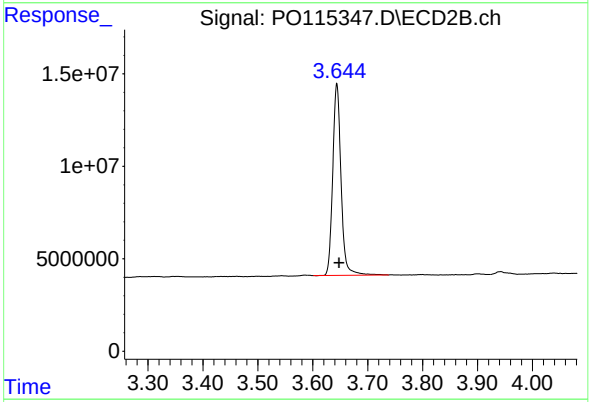




#1 Tetrachloro-m-xylene

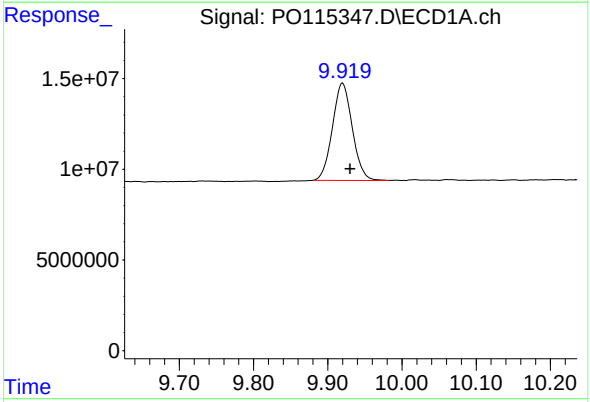
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 171932658
Conc: 24.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF3



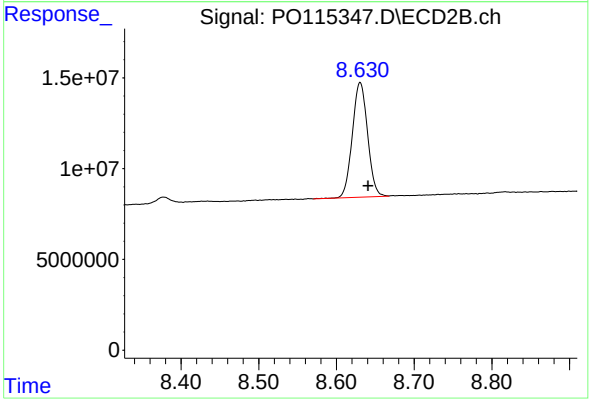
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 109579475
Conc: 24.53 ng/ml



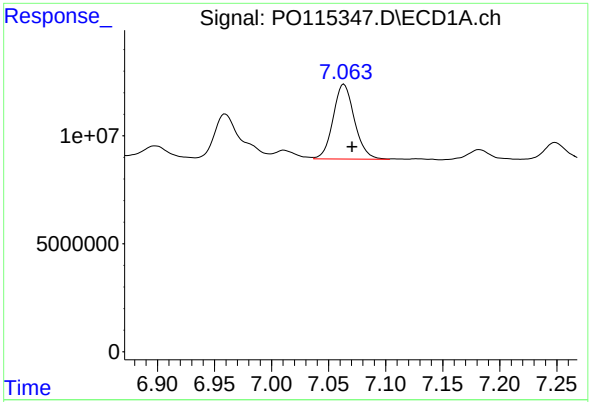
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 99704021
Conc: 22.56 ng/ml



#2 Decachlorobiphenyl

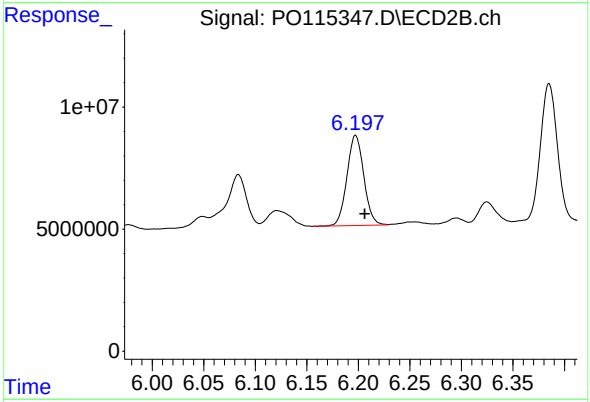
R.T.: 8.631 min
Delta R.T.: -0.010 min
Response: 86304447
Conc: 22.11 ng/ml



#31 AR-1260-1

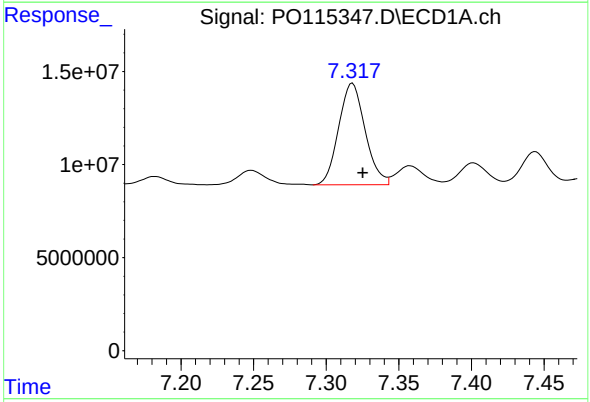
R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 45091641
Conc: 147.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF3



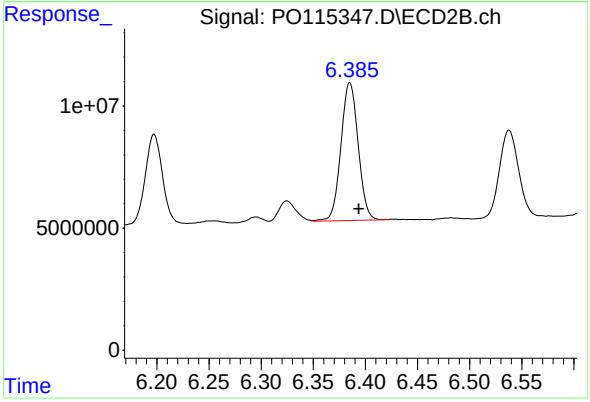
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 42105725
Conc: 142.20 ng/ml



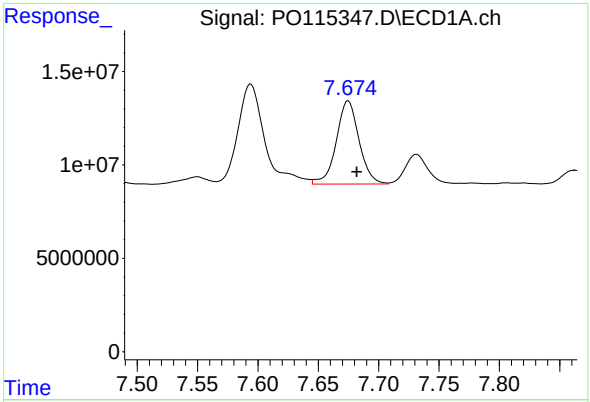
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 69242186
Conc: 174.91 ng/ml



#32 AR-1260-2

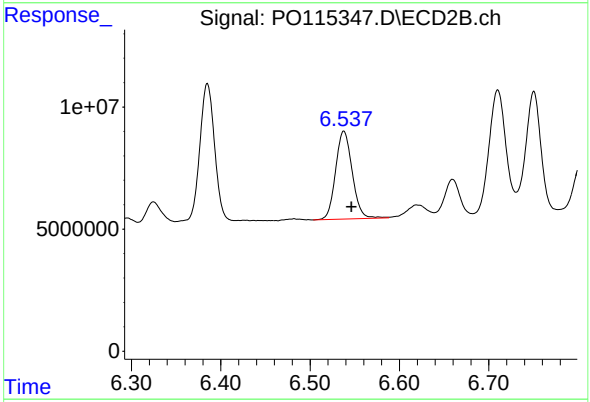
R.T.: 6.385 min
Delta R.T.: -0.008 min
Response: 64957666
Conc: 151.05 ng/ml



#33 AR-1260-3

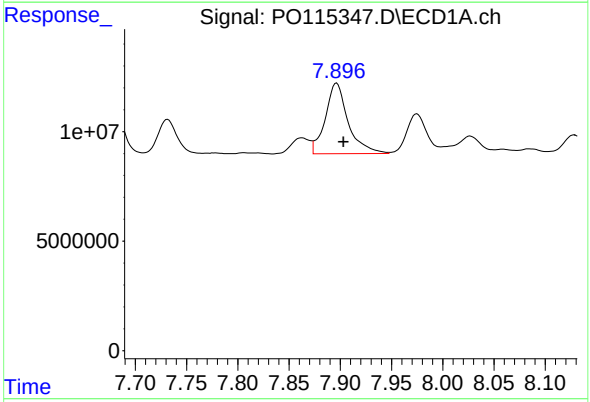
R.T.: 7.675 min
Delta R.T.: -0.007 min
Response: 58529270
Conc: 176.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF3



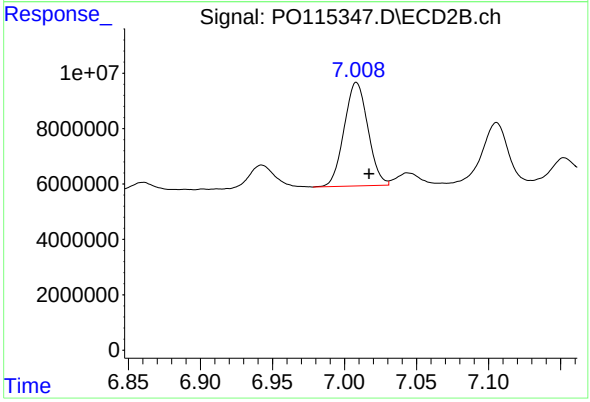
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 46595857
Conc: 132.69 ng/ml



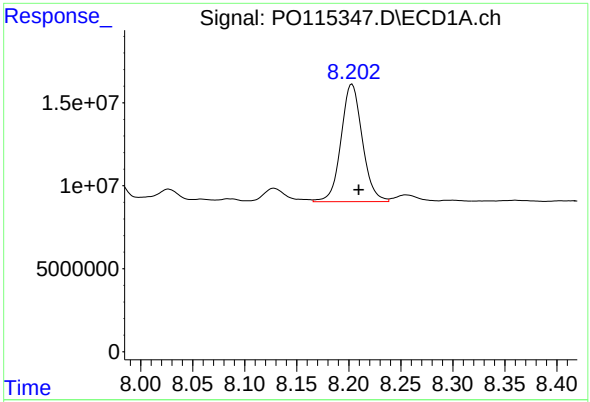
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 49904888
Conc: 163.61 ng/ml



#34 AR-1260-4

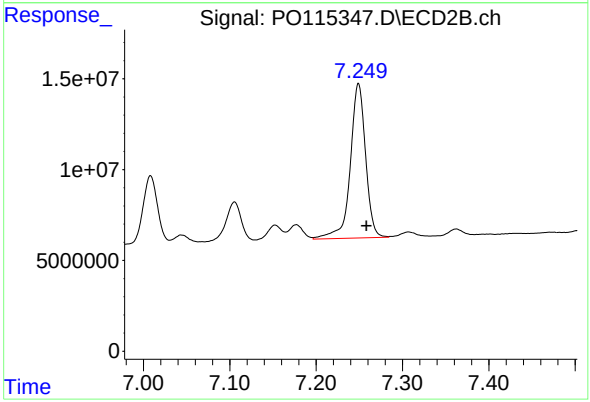
R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 42932361
Conc: 141.68 ng/ml



#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.006 min
Response: 100707427
Conc: 141.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF3



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 104585827
Conc: 127.29 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AF4	SDG No.:	Q3694
Lab Sample ID:	Q3694-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.6
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21.1	U	1	4.90	21.1	ug/kg	11/21/25 23:26	PB170688
11104-28-2	Aroclor-1221	21.1	U	1	5.00	21.1	ug/kg	11/21/25 23:26	PB170688
11141-16-5	Aroclor-1232	21.1	U	1	4.60	21.1	ug/kg	11/21/25 23:26	PB170688
53469-21-9	Aroclor-1242	21.1	U	1	5.00	21.1	ug/kg	11/21/25 23:26	PB170688
12672-29-6	Aroclor-1248	21.1	U	1	7.30	21.1	ug/kg	11/21/25 23:26	PB170688
11097-69-1	Aroclor-1254	21.1	U	1	4.00	21.1	ug/kg	11/21/25 23:26	PB170688
37324-23-5	Aroclor-1262	21.1	U	1	6.20	21.1	ug/kg	11/21/25 23:26	PB170688
11100-14-4	Aroclor-1268	21.1	U	1	4.50	21.1	ug/kg	11/21/25 23:26	PB170688
11096-82-5	Aroclor-1260	47.6		1	4.00	21.1	ug/kg	11/21/25 23:26	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.6			21 - 165	113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.0			10 - 170	100%	SPK: 20		

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\PO112125\
Data File : PO115348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:26
Operator : YP/AJ
Sample : Q3694-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AF4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:53:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.644	156.9E6	100.7E6	22.288	22.547
2)	SA Decachlor...	9.919	8.629	88548325	77728430	20.032	19.911
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.197	31652320	31552594	103.563	106.558
32)	L7 AR-1260-2	7.316	6.384	50325909	48542395	127.125	112.881
33)	L7 AR-1260-3	7.674	6.537	41076532	34000646	123.792	96.826
34)	L7 AR-1260-4	7.896	7.007	35747765	30688423	117.198	101.272
35)	L7 AR-1260-5	8.203	7.248	74172747	77328564	103.997	94.116

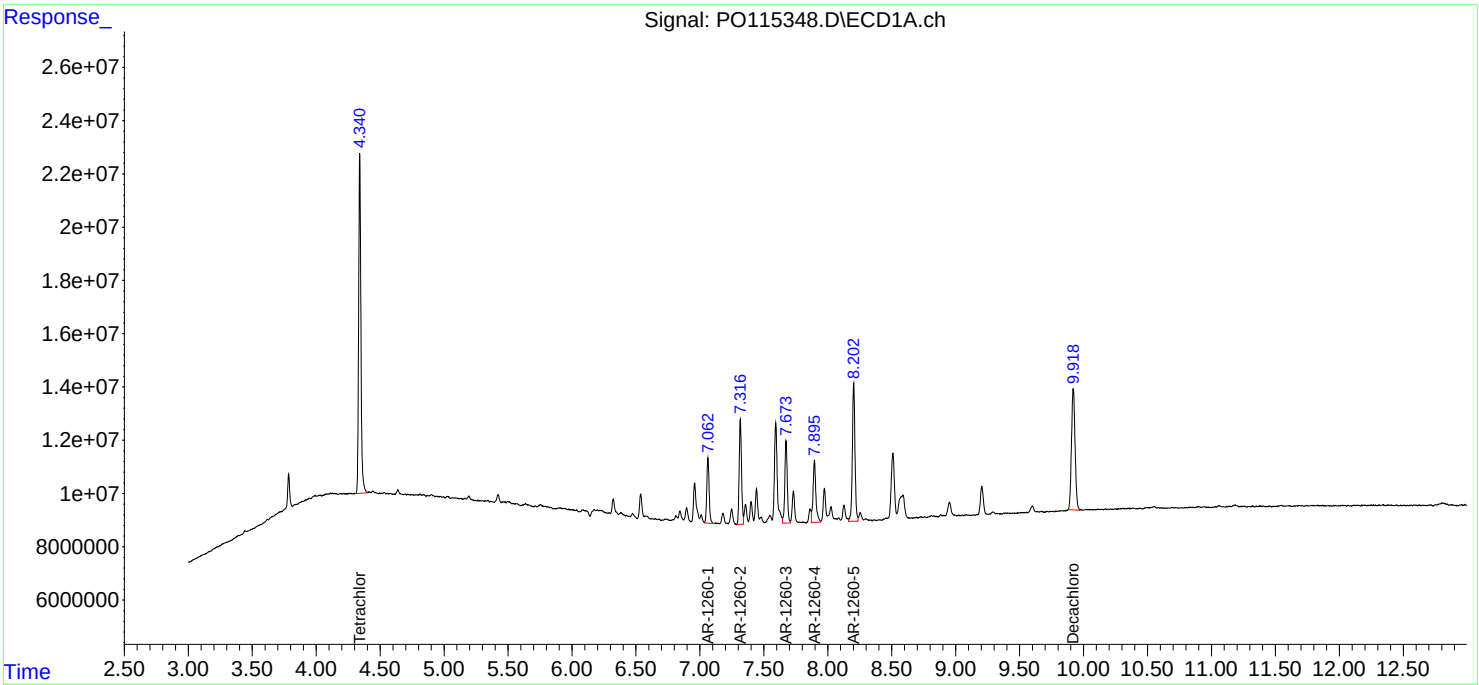
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

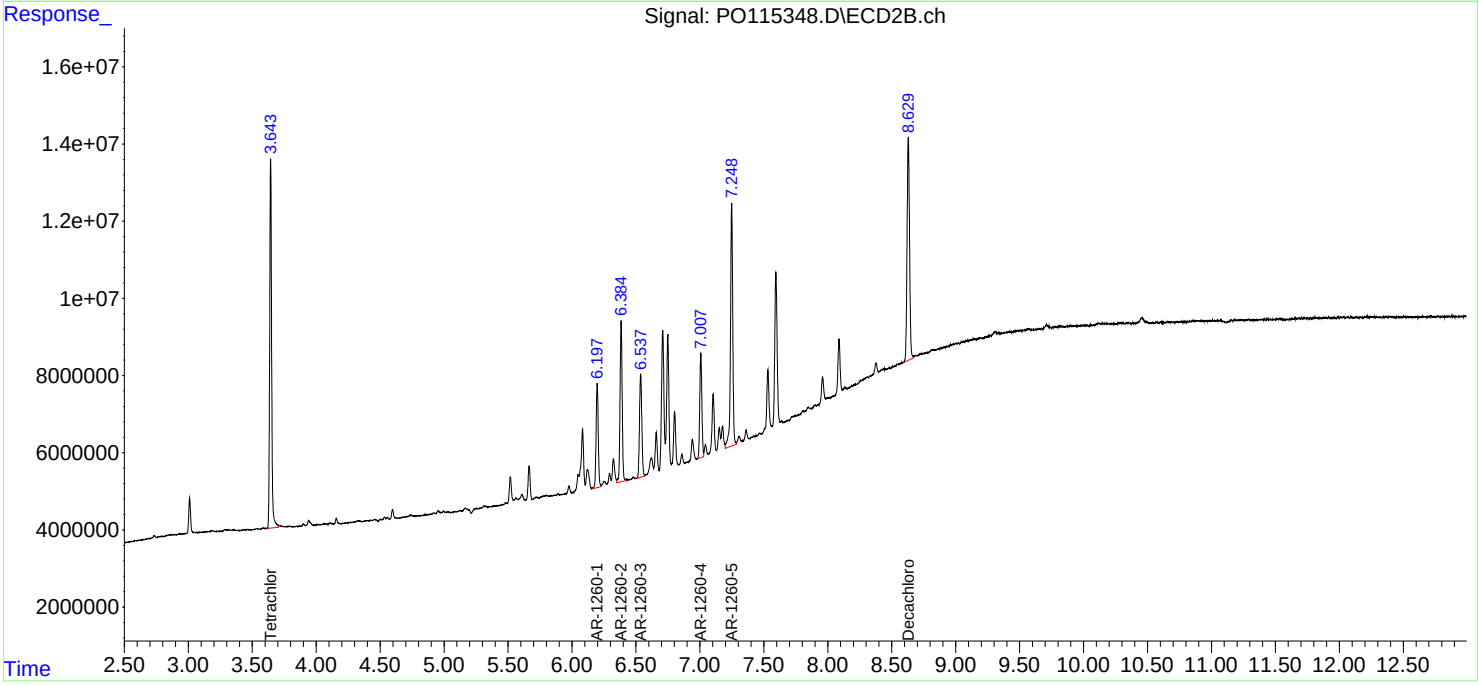
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:26
Operator : YP/AJ
Sample : Q3694-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

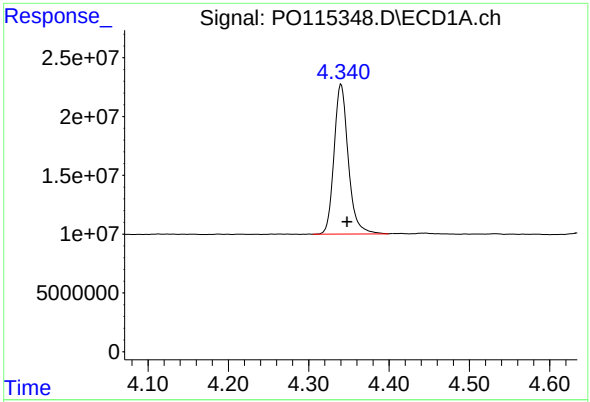
Instrument :
ECD_O
ClientSampleId :
C0AF4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:53:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



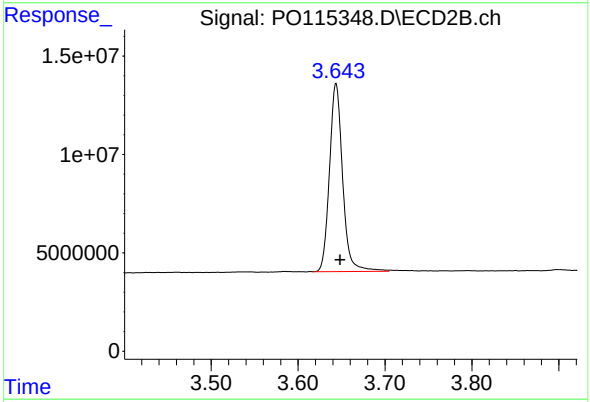




#1 Tetrachloro-m-xylene

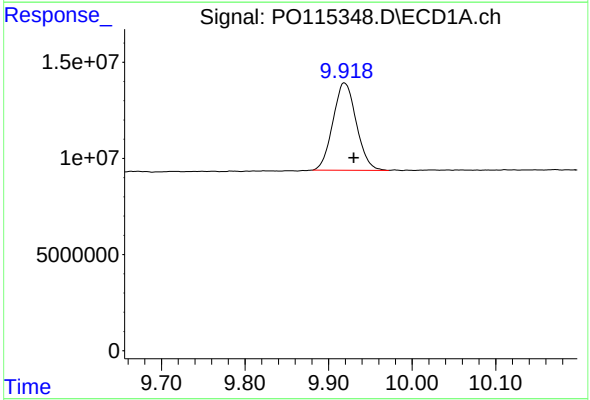
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 156867552
Conc: 22.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF4



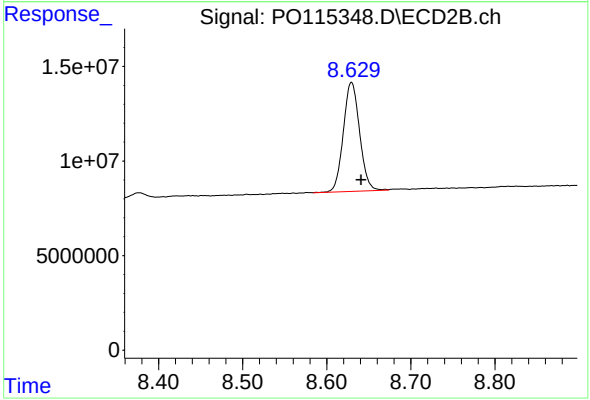
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 100711259
Conc: 22.55 ng/ml



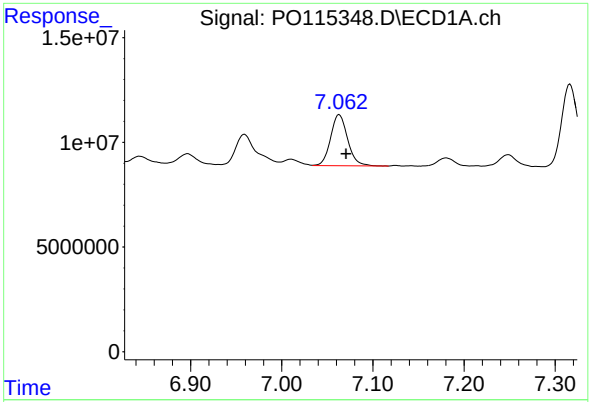
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 88548325
Conc: 20.03 ng/ml



#2 Decachlorobiphenyl

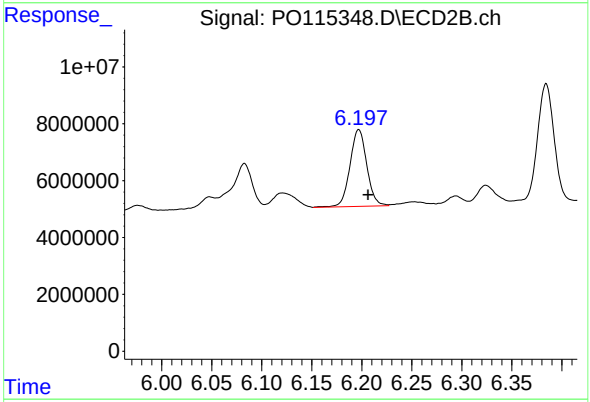
R.T.: 8.629 min
Delta R.T.: -0.011 min
Response: 77728430
Conc: 19.91 ng/ml



#31 AR-1260-1

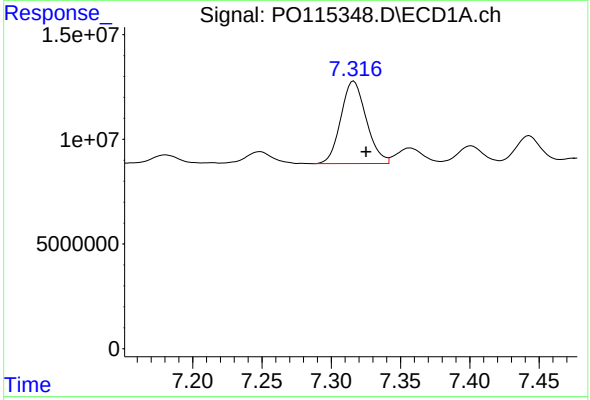
R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 31652320
Conc: 103.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF4



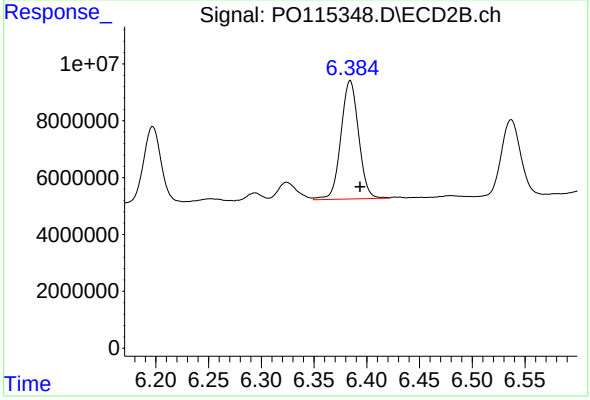
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 31552594
Conc: 106.56 ng/ml



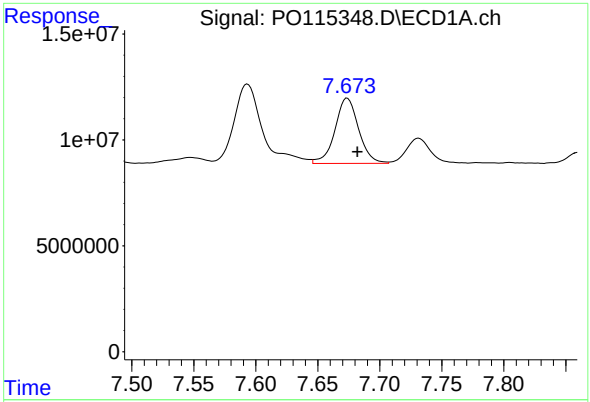
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 50325909
Conc: 127.13 ng/ml



#32 AR-1260-2

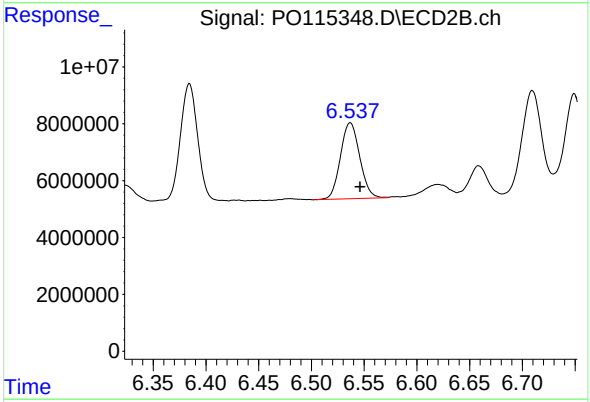
R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 48542395
Conc: 112.88 ng/ml



#33 AR-1260-3

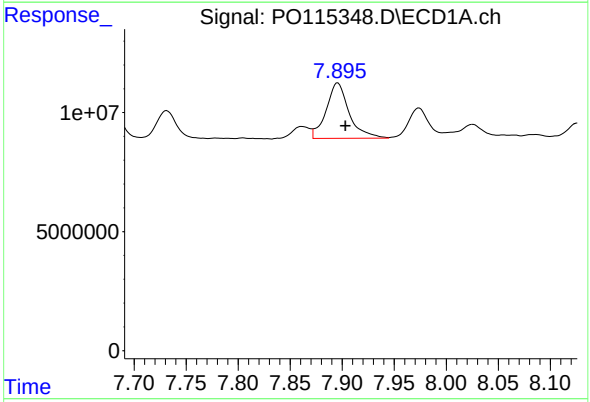
R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 41076532
Conc: 123.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF4



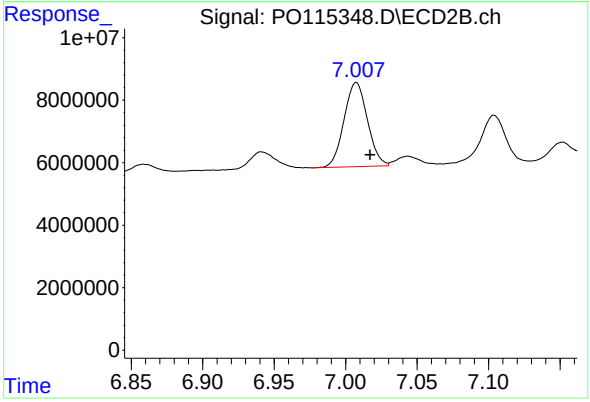
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 34000646
Conc: 96.83 ng/ml



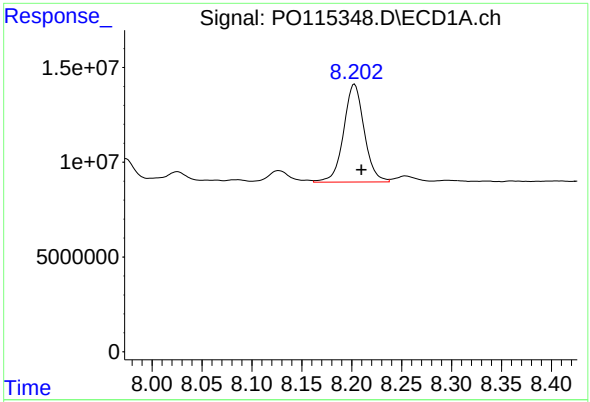
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 35747765
Conc: 117.20 ng/ml



#34 AR-1260-4

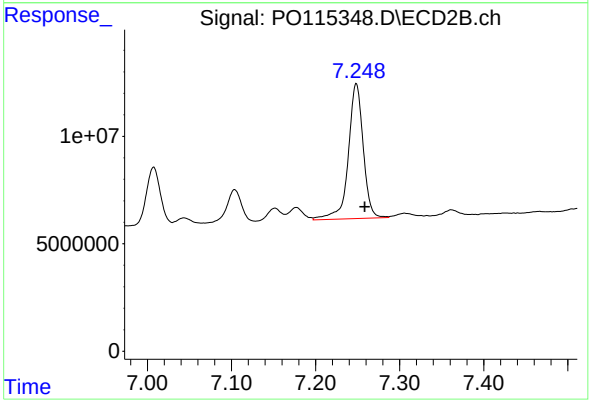
R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 30688423
Conc: 101.27 ng/ml



#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 74172747
Conc: 104.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF4



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 77328564
Conc: 94.12 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AF5	SDG No.:	Q3694
Lab Sample ID:	Q3694-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.2
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.9	U	1	4.80	20.9	ug/kg	11/21/25 23:44	PB170688
11104-28-2	Aroclor-1221	20.9	U	1	4.90	20.9	ug/kg	11/21/25 23:44	PB170688
11141-16-5	Aroclor-1232	20.9	U	1	4.60	20.9	ug/kg	11/21/25 23:44	PB170688
53469-21-9	Aroclor-1242	89.3		1	4.90	20.9	ug/kg	11/21/25 23:44	PB170688
12672-29-6	Aroclor-1248	20.9	U	1	7.30	20.9	ug/kg	11/21/25 23:44	PB170688
11097-69-1	Aroclor-1254	90.2		1	3.90	20.9	ug/kg	11/21/25 23:44	PB170688
37324-23-5	Aroclor-1262	20.9	U	1	6.20	20.9	ug/kg	11/21/25 23:44	PB170688
11100-14-4	Aroclor-1268	20.9	U	1	4.40	20.9	ug/kg	11/21/25 23:44	PB170688
11096-82-5	Aroclor-1260	82.5		1	4.00	20.9	ug/kg	11/21/25 23:44	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.9			21 - 165	125%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.5			10 - 170	93%	SPK: 20		

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\PO112125\
Data File : PO115349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:44
Operator : YP/AJ
Sample : Q3694-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AF5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:54:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.644	174.7E6	111.4E6	24.826	24.938
2)	SA Decachlor...	9.919	8.630	81010611	72332147	18.327	18.529
	Target Compounds						
16)	L4 AR-1242-1	5.480	4.720	23783748	17446016	127.704	119.312m
17)	L4 AR-1242-2	5.501	4.739	63437829	43229574	212.326	208.689m
18)	L4 AR-1242-3	5.567	4.914	7840055	22671191	45.750	202.462 #
19)	L4 AR-1242-4	5.658	4.997	30827673	24156885	215.302	225.489
20)	L4 AR-1242-5	6.385	5.518	25435695	47960581	180.450	335.582 #
26)	L6 AR-1254-1	6.322	5.518	45837089	47960581	180.867	159.773
27)	L6 AR-1254-2	6.537	5.665	63704028	43182977	171.967m	160.170
28)	L6 AR-1254-3	6.899	6.067	63733026	88071850	165.599	208.580 #
29)	L6 AR-1254-4	7.181	6.294	57699763	46333388	175.531	155.798
30)	L6 AR-1254-5	7.595	6.710	123.1E6	115.9E6	407.736	291.666 #
31)	L7 AR-1260-1	7.064	6.197	62028793	64708990	202.952	218.532
32)	L7 AR-1260-2	7.317	6.385	93635741	84177500	236.527	195.747
33)	L7 AR-1260-3	7.675	6.536	58521133	64831882	176.365	184.627
34)	L7 AR-1260-4	7.896	7.008	73791976	42679028	241.925	140.842 #
35)	L7 AR-1260-5	8.203	7.249	106.9E6	127.3E6	149.855	154.988

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

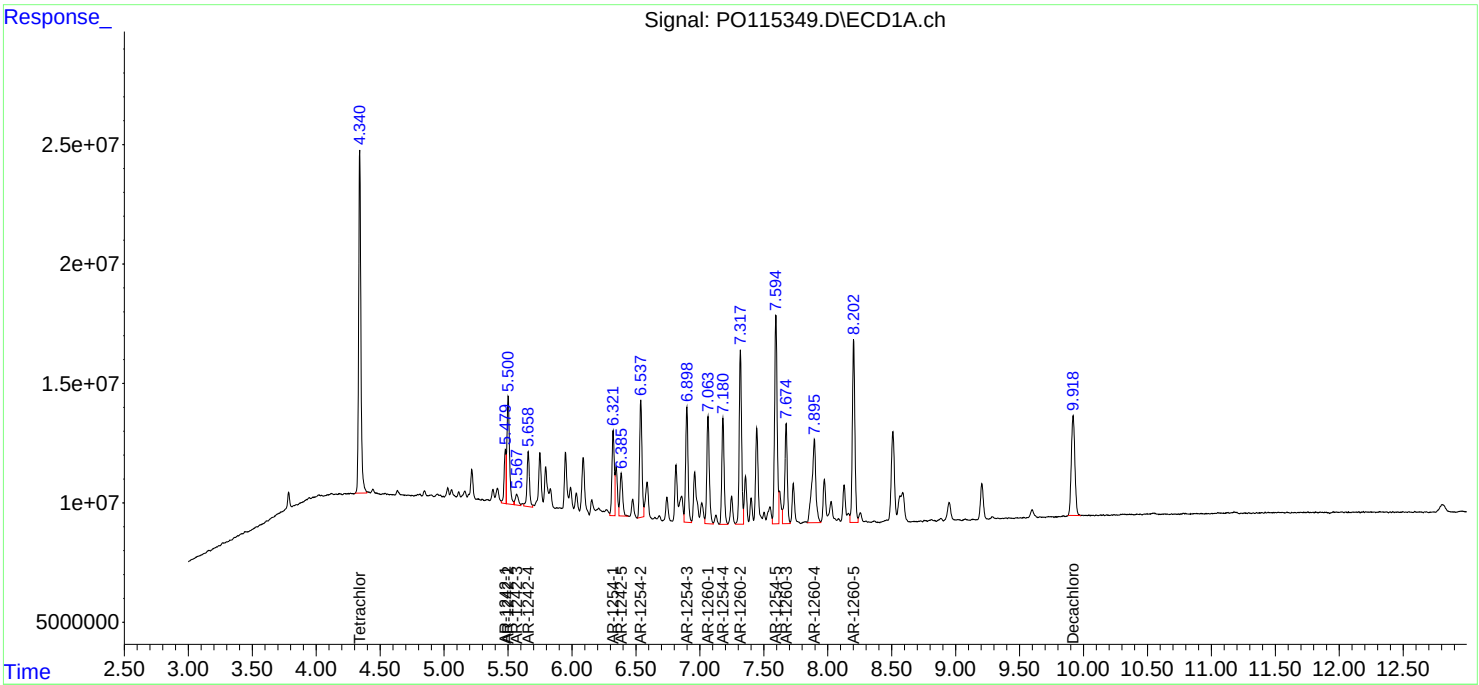
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:44
Operator : YP/AJ
Sample : Q3694-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

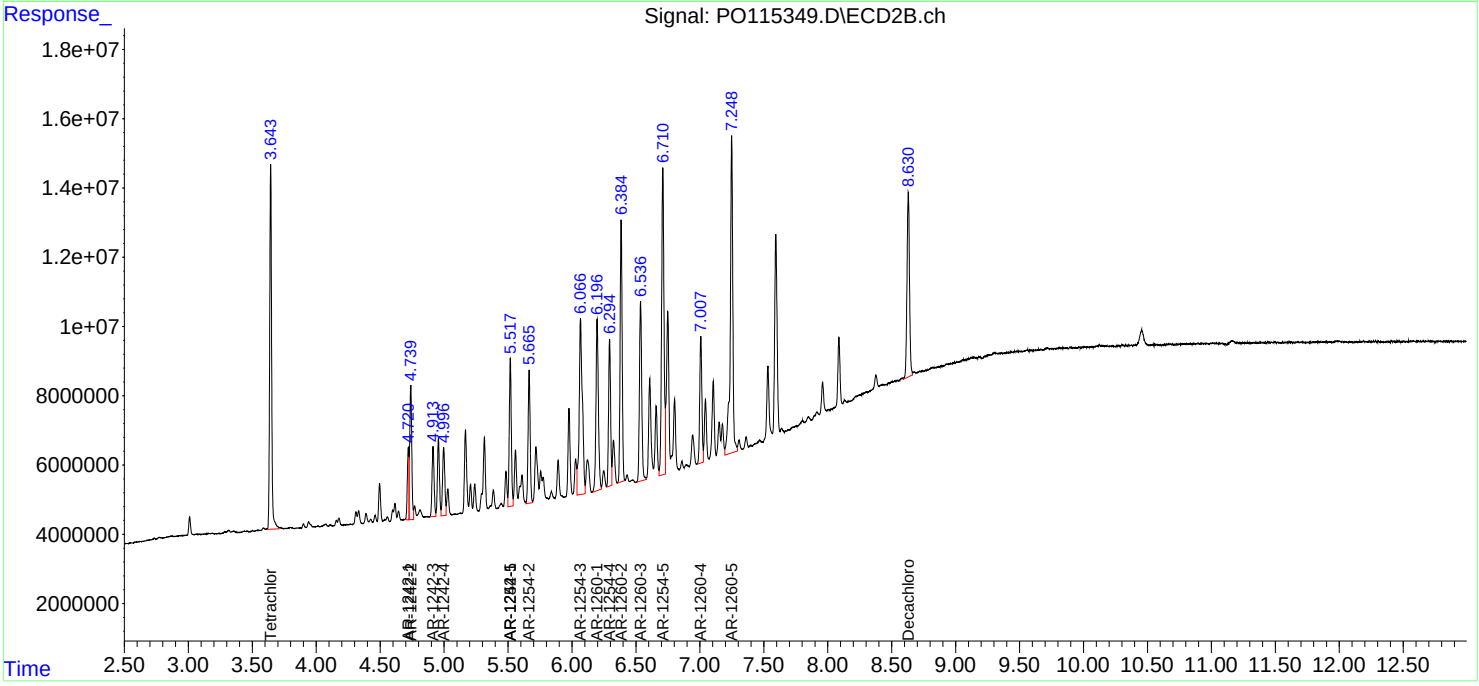
Instrument :
ECD_O
ClientSampleId :
C0AF5

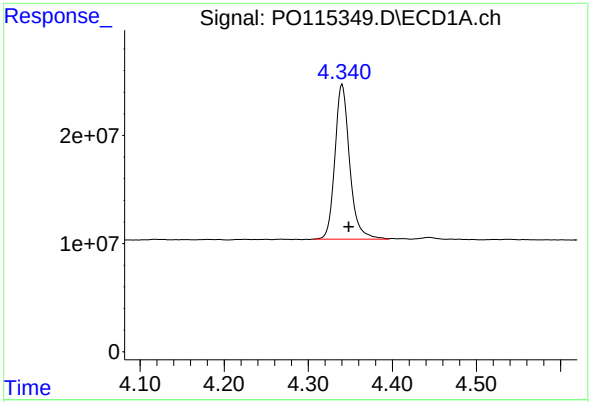
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:54:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







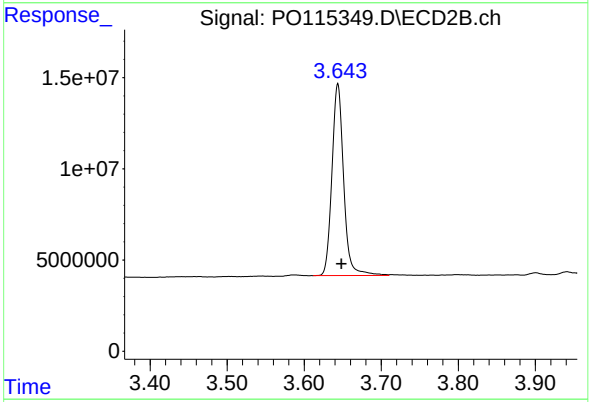
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 174731457
Conc: 24.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF5

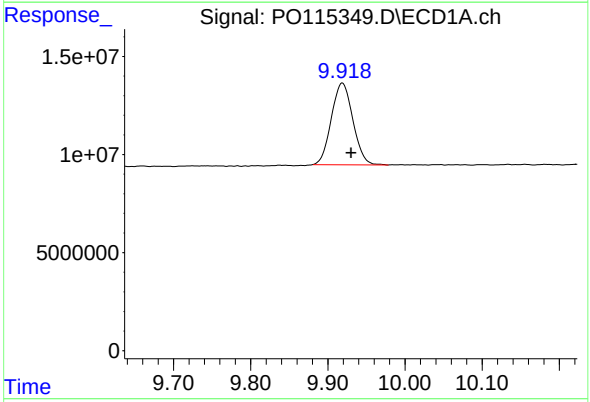
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



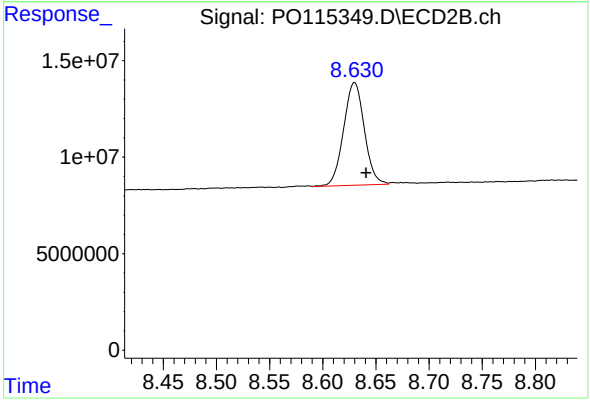
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 111394186
Conc: 24.94 ng/ml



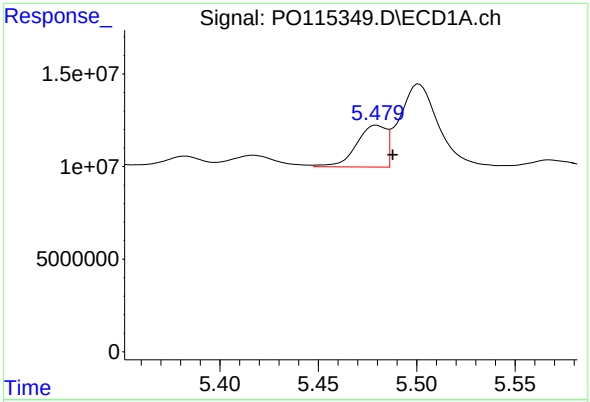
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 81010611
Conc: 18.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 72332147
Conc: 18.53 ng/ml



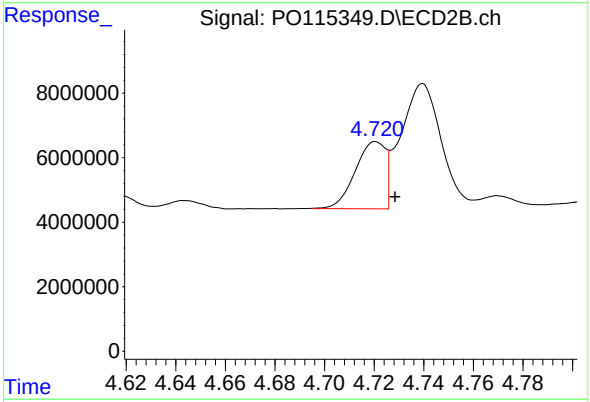
#16 AR-1242-1

R.T.: 5.480 min
Delta R.T.: -0.008 min
Response: 23783748
Conc: 127.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF5

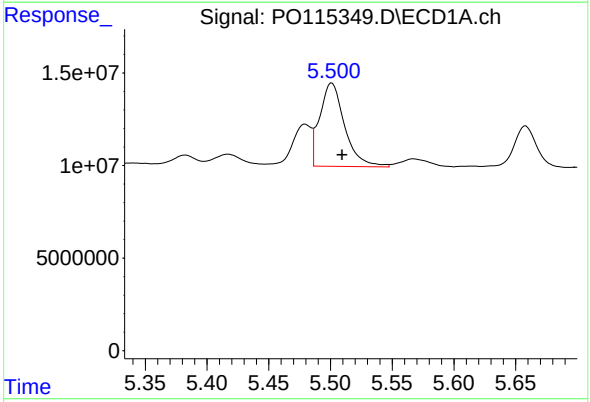
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



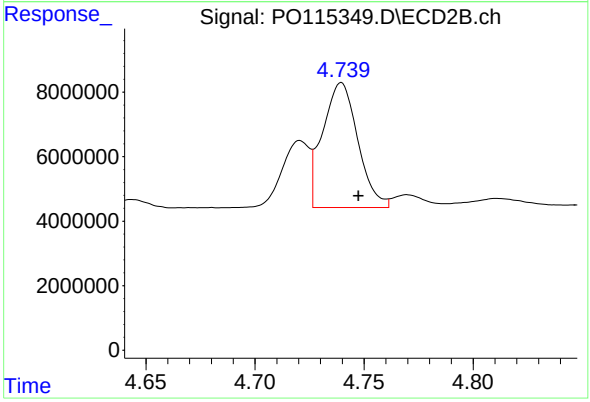
#16 AR-1242-1

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 17446016
Conc: 119.31 ng/ml m



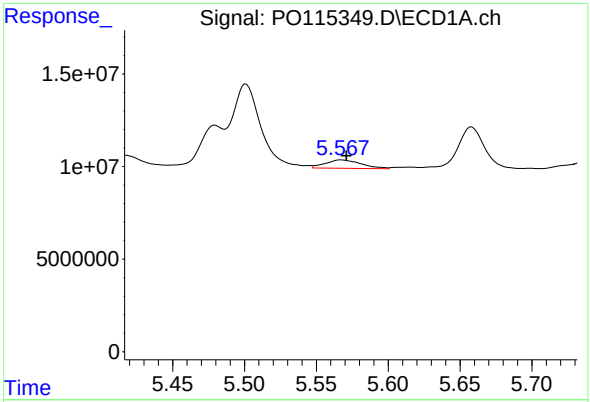
#17 AR-1242-2

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 63437829
Conc: 212.33 ng/ml



#17 AR-1242-2

R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 43229574
Conc: 208.69 ng/ml m



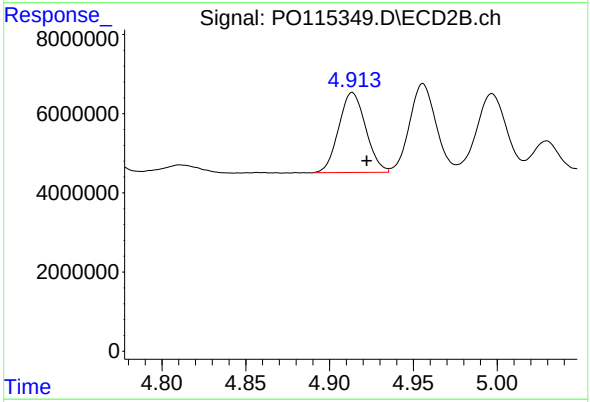
#18 AR-1242-3

R.T.: 5.567 min
Delta R.T.: -0.004 min
Response: 7840055
Conc: 45.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF5

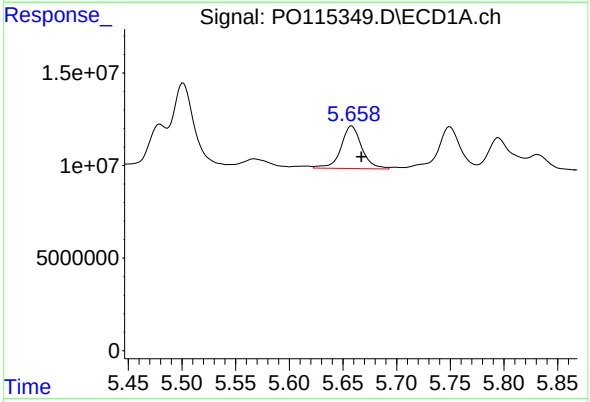
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



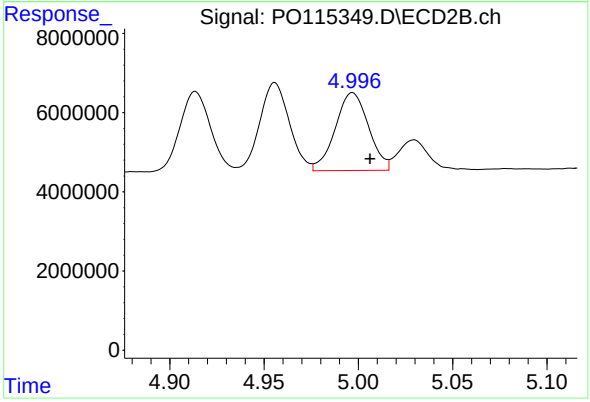
#18 AR-1242-3

R.T.: 4.914 min
Delta R.T.: -0.009 min
Response: 22671191
Conc: 202.46 ng/ml



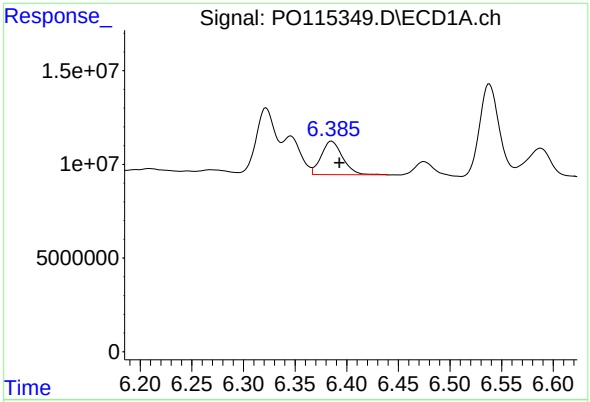
#19 AR-1242-4

R.T.: 5.658 min
Delta R.T.: -0.009 min
Response: 30827673
Conc: 215.30 ng/ml



#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.009 min
Response: 24156885
Conc: 225.49 ng/ml



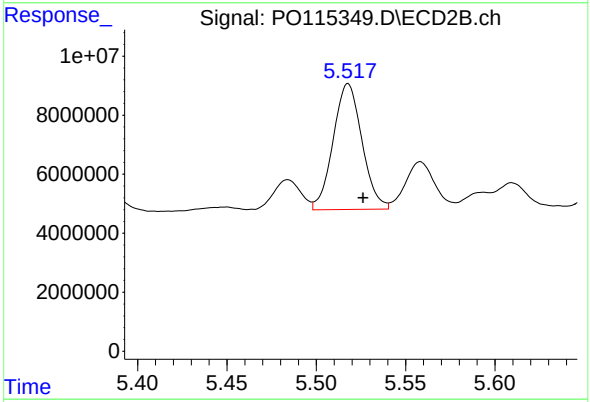
#20 AR-1242-5

R.T.: 6.385 min
Delta R.T.: -0.008 min
Response: 25435695
Conc: 180.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF5

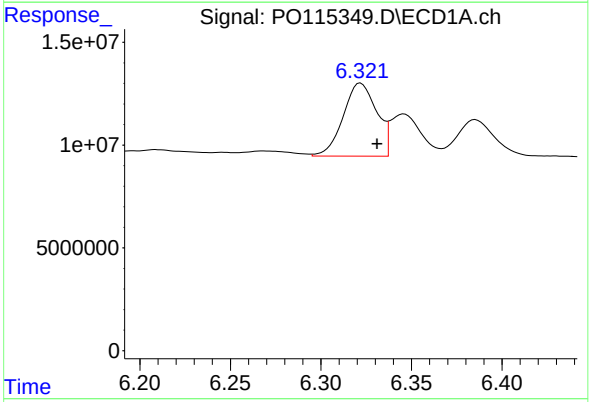
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



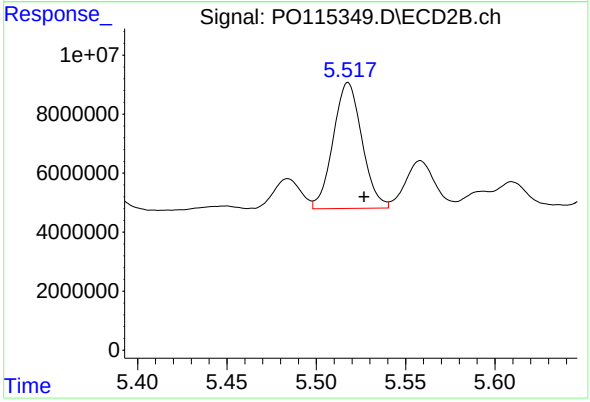
#20 AR-1242-5

R.T.: 5.518 min
Delta R.T.: -0.008 min
Response: 47960581
Conc: 335.58 ng/ml



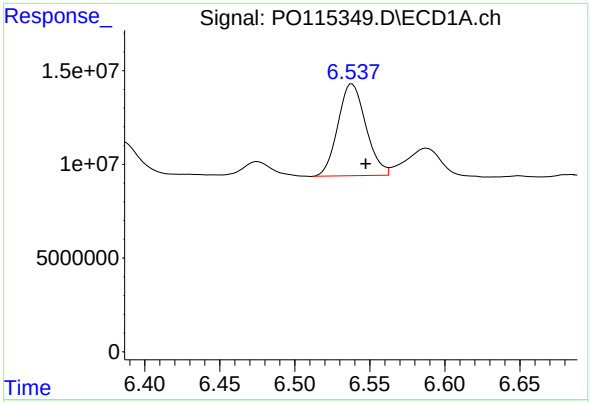
#26 AR-1254-1

R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 45837089
Conc: 180.87 ng/ml



#26 AR-1254-1

R.T.: 5.518 min
Delta R.T.: -0.009 min
Response: 47960581
Conc: 159.77 ng/ml



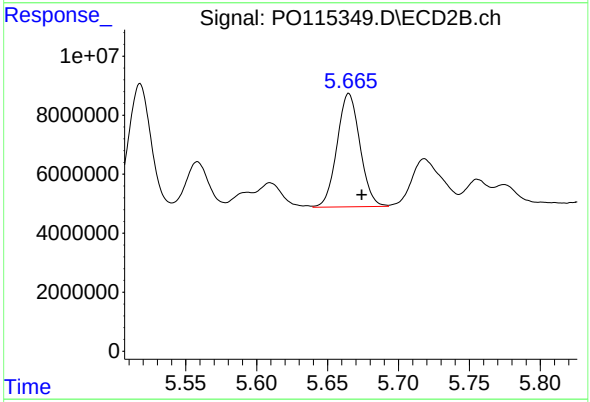
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: -0.010 min
Response: 63704028
Conc: 171.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF5

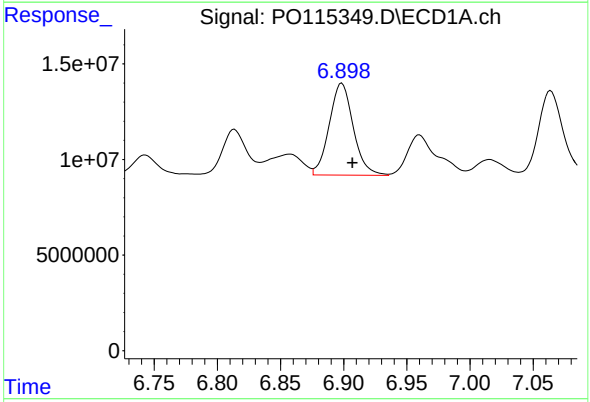
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



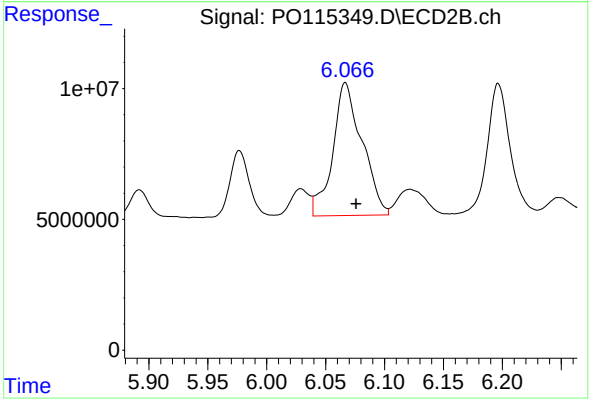
#27 AR-1254-2

R.T.: 5.665 min
Delta R.T.: -0.009 min
Response: 43182977
Conc: 160.17 ng/ml



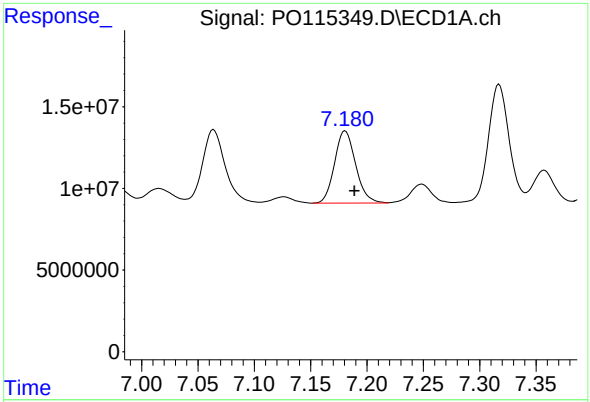
#28 AR-1254-3

R.T.: 6.899 min
Delta R.T.: -0.008 min
Response: 63733026
Conc: 165.60 ng/ml



#28 AR-1254-3

R.T.: 6.067 min
Delta R.T.: -0.009 min
Response: 88071850
Conc: 208.58 ng/ml



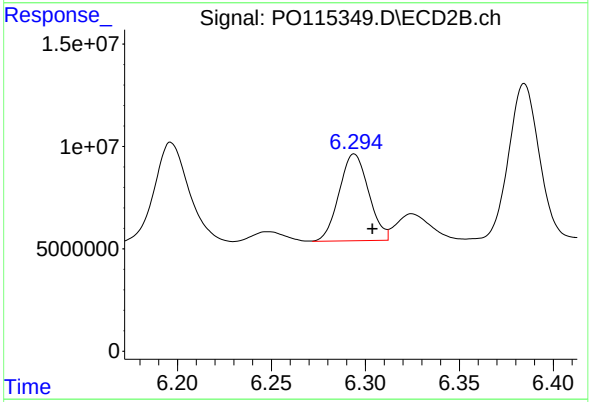
#29 AR-1254-4

R.T.: 7.181 min
Delta R.T.: -0.008 min
Response: 57699763
Conc: 175.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF5

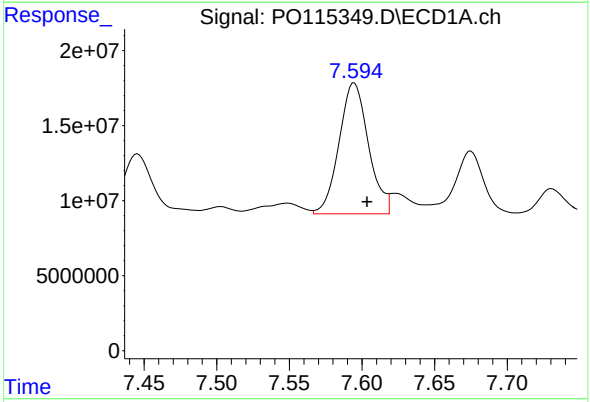
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



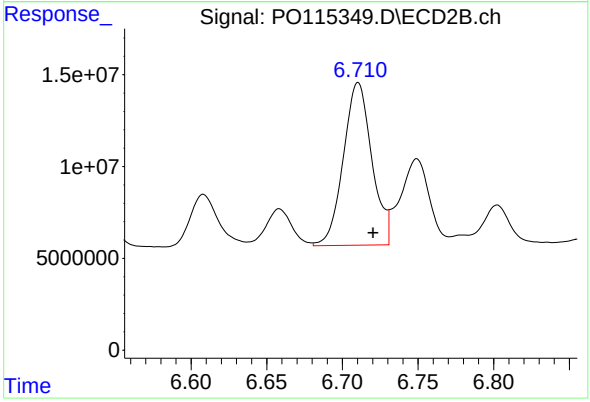
#29 AR-1254-4

R.T.: 6.294 min
Delta R.T.: -0.010 min
Response: 46333388
Conc: 155.80 ng/ml



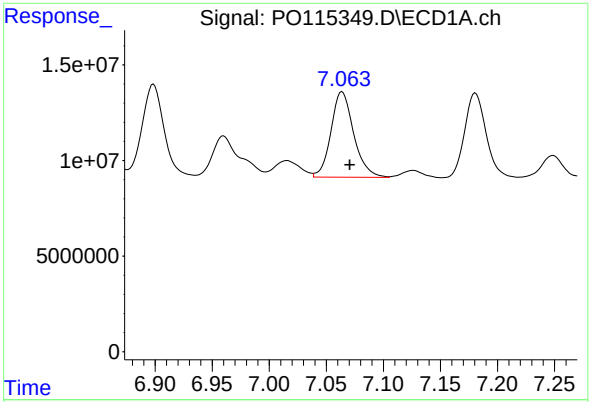
#30 AR-1254-5

R.T.: 7.595 min
Delta R.T.: -0.009 min
Response: 123076426
Conc: 407.74 ng/ml



#30 AR-1254-5

R.T.: 6.710 min
Delta R.T.: -0.010 min
Response: 115944714
Conc: 291.67 ng/ml



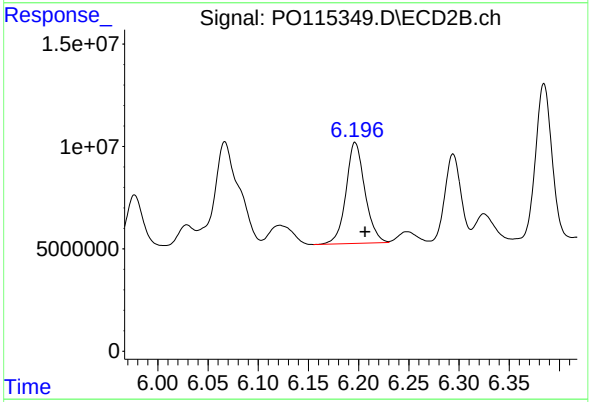
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 62028793
Conc: 202.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF5

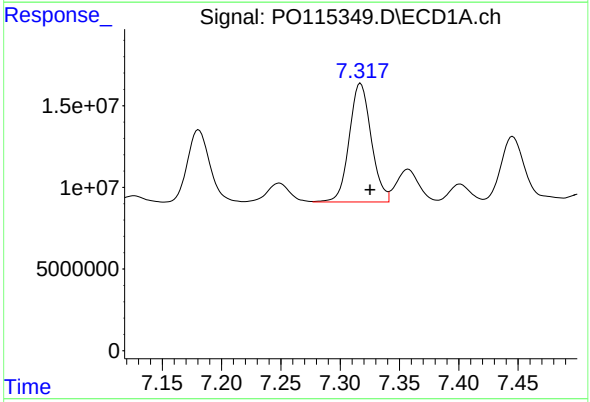
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



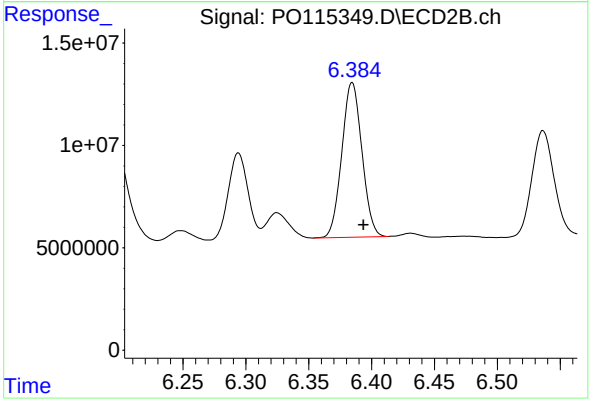
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 64708990
Conc: 218.53 ng/ml



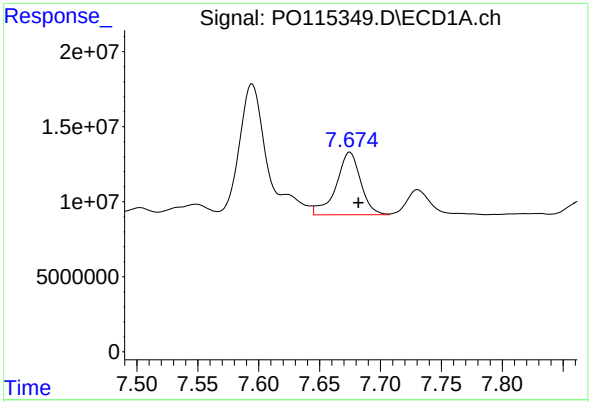
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 93635741
Conc: 236.53 ng/ml



#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 84177500
Conc: 195.75 ng/ml



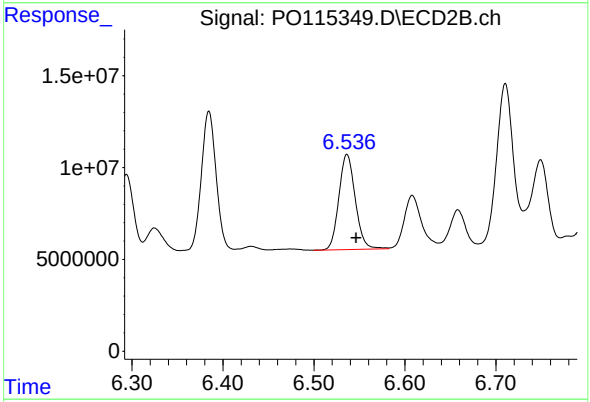
#33 AR-1260-3

R.T.: 7.675 min
Delta R.T.: -0.007 min
Response: 58521133
Conc: 176.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF5

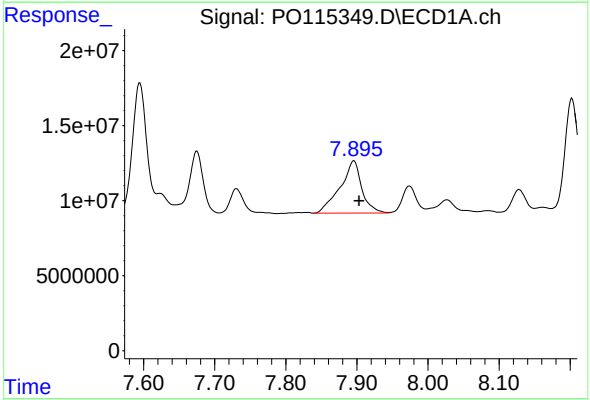
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



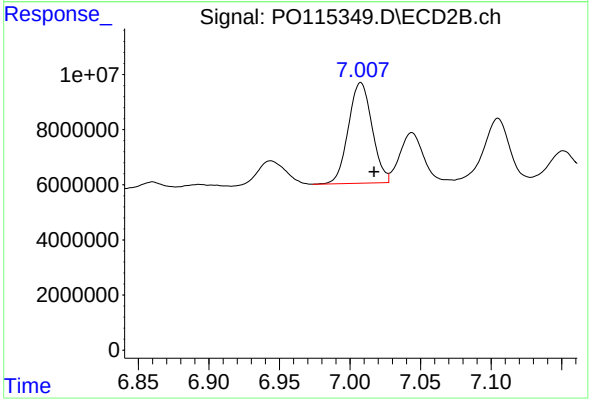
#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.010 min
Response: 64831882
Conc: 184.63 ng/ml



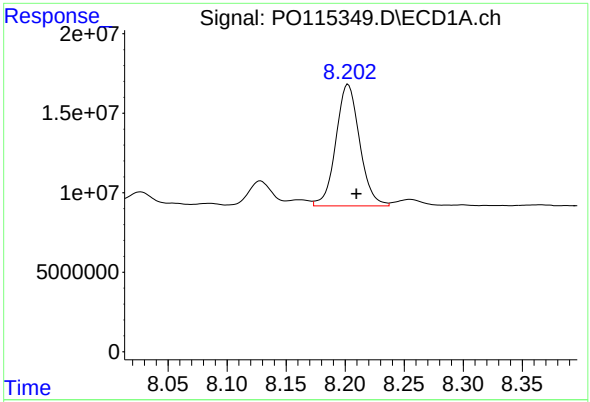
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 73791976
Conc: 241.92 ng/ml



#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 42679028
Conc: 140.84 ng/ml



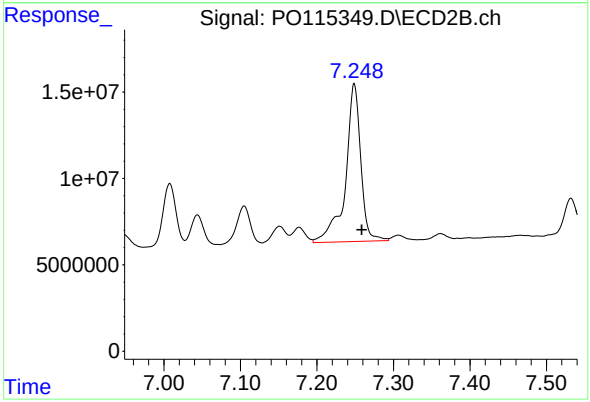
#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 106879454
Conc: 149.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 127342538
Conc: 154.99 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AF6	SDG No.:	Q3694
Lab Sample ID:	Q3694-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.2
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.6	U	1	4.80	20.6	ug/kg	11/22/25 00:02	PB170688
11104-28-2	Aroclor-1221	20.6	U	1	4.90	20.6	ug/kg	11/22/25 00:02	PB170688
11141-16-5	Aroclor-1232	20.6	U	1	4.50	20.6	ug/kg	11/22/25 00:02	PB170688
53469-21-9	Aroclor-1242	39.6		1	4.90	20.6	ug/kg	11/22/25 00:02	PB170688
12672-29-6	Aroclor-1248	20.6	U	1	7.20	20.6	ug/kg	11/22/25 00:02	PB170688
11097-69-1	Aroclor-1254	20.6	U	1	3.90	20.6	ug/kg	11/22/25 00:02	PB170688
37324-23-5	Aroclor-1262	20.6	U	1	6.10	20.6	ug/kg	11/22/25 00:02	PB170688
11100-14-4	Aroclor-1268	20.6	U	1	4.40	20.6	ug/kg	11/22/25 00:02	PB170688
11096-82-5	Aroclor-1260	33.1		1	3.90	20.6	ug/kg	11/22/25 00:02	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.4			21 - 165	122%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.7			10 - 170	114%	SPK: 20		

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\PO112125\
Data File : PO115350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:02
Operator : YP/AJ
Sample : Q3694-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AF6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:55:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	170.3E6	109.0E6	24.199	24.410
2)	SA Decachlor...	9.920	8.630	100.5E6	88143136	22.744	22.579
	Target Compounds						
16)	L4 AR-1242-1	5.480	4.720	12196650	9870150	65.489	67.501m
17)	L4 AR-1242-2	5.501	4.739	35918374	24492205	120.218	118.235m
18)	L4 AR-1242-3	5.567	4.914	5065900	12496363	29.561	111.597 #
19)	L4 AR-1242-4	5.659	4.997	18851737	11186765	131.661	104.421
20)	L4 AR-1242-5	6.385	5.518	7609246	12425151	53.983	86.939 #
31)	L7 AR-1260-1	7.064	6.197	23959224	24177172	78.392	81.650
32)	L7 AR-1260-2	7.318	6.385	33431088	32948637	84.448	76.619
33)	L7 AR-1260-3	7.675	6.537	24754146	26092648	74.602	74.306
34)	L7 AR-1260-4	7.895	7.008	28459937	21092199	93.305m	69.605 #
35)	L7 AR-1260-5	8.203	7.248	55910586	57592004	78.392	70.095

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

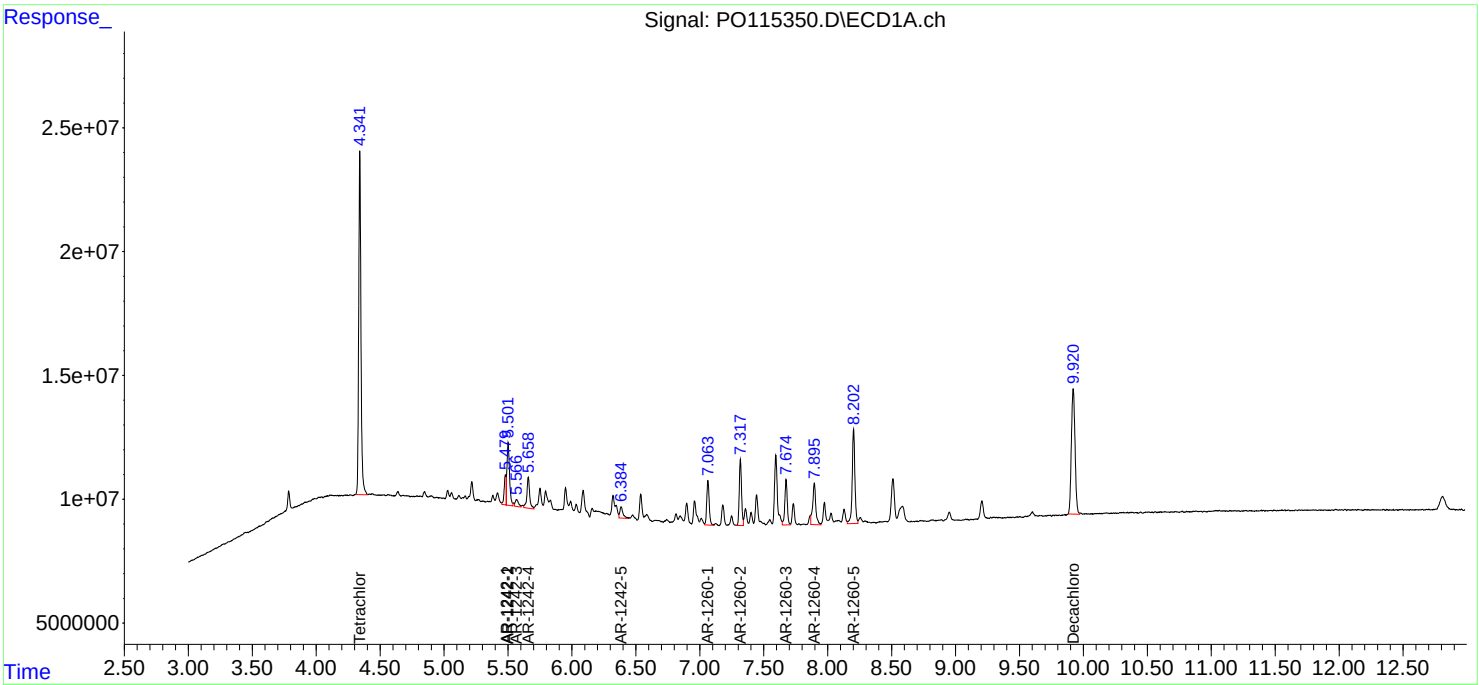
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:02
Operator : YP/AJ
Sample : Q3694-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

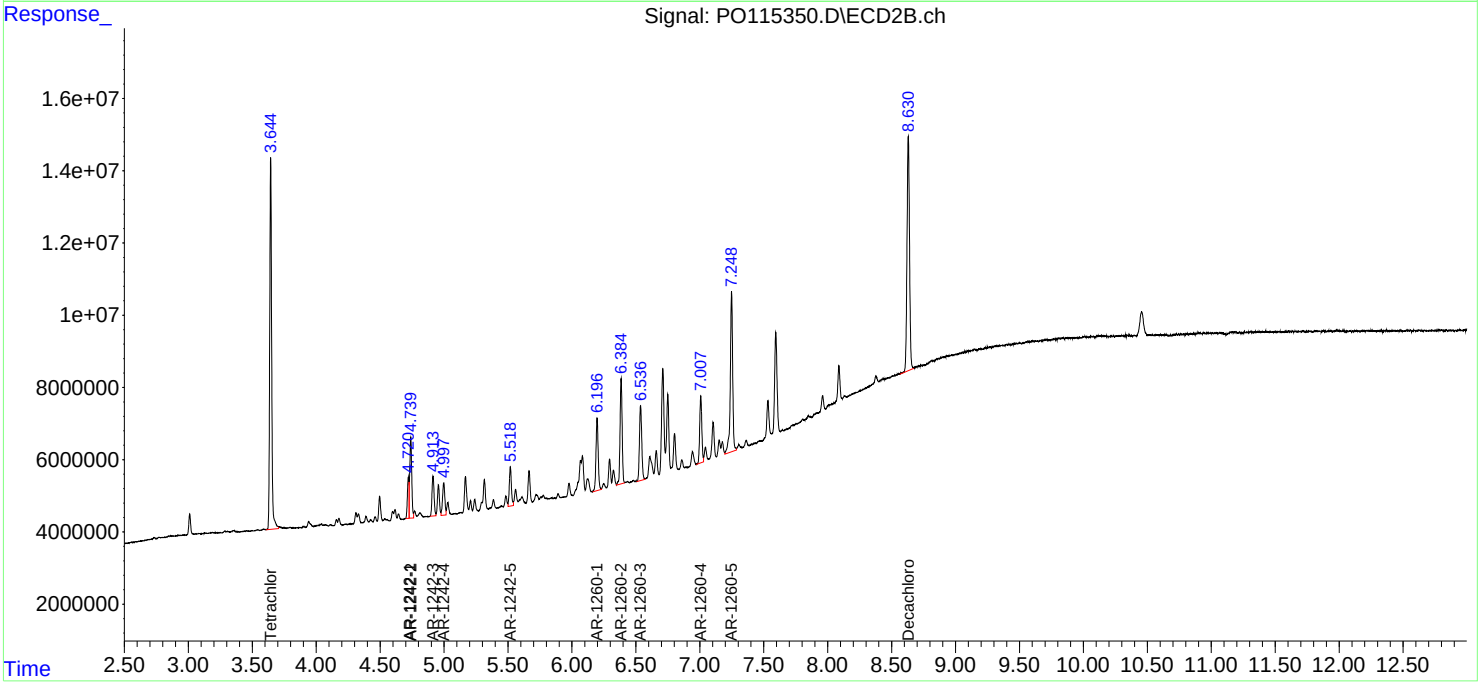
Instrument :
ECD_O
ClientSampleId :
C0AF6

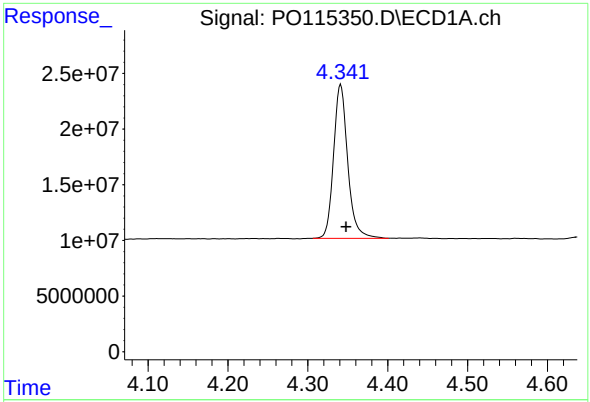
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:55:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







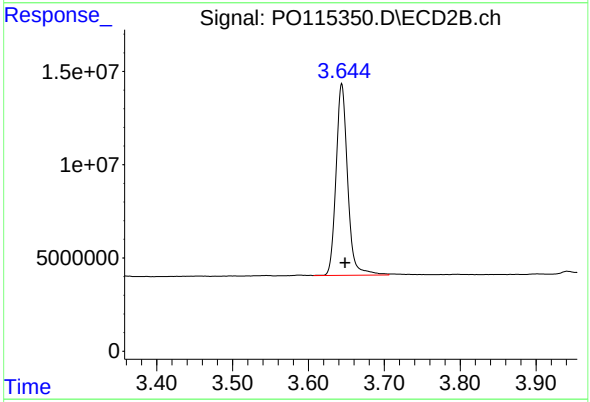
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 170316326
Conc: 24.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF6

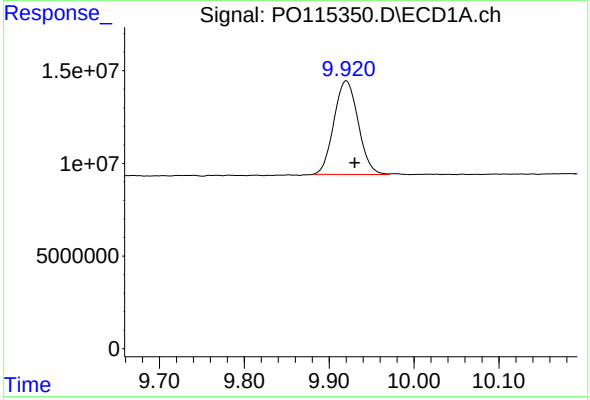
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



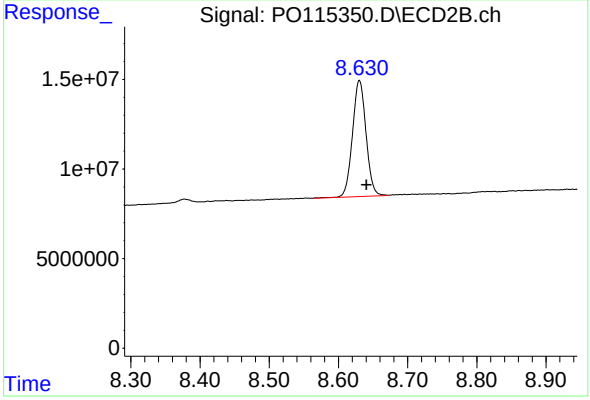
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 109035654
Conc: 24.41 ng/ml



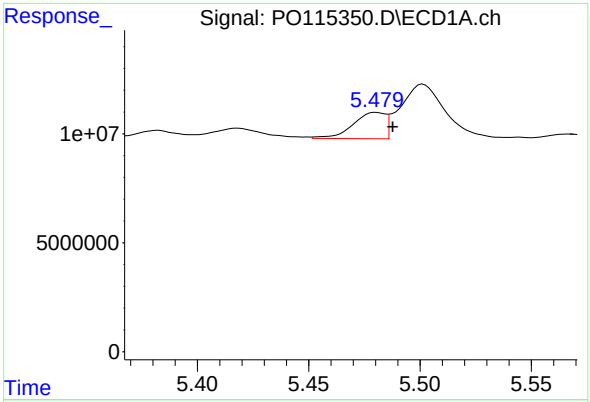
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 100534477
Conc: 22.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 88143136
Conc: 22.58 ng/ml



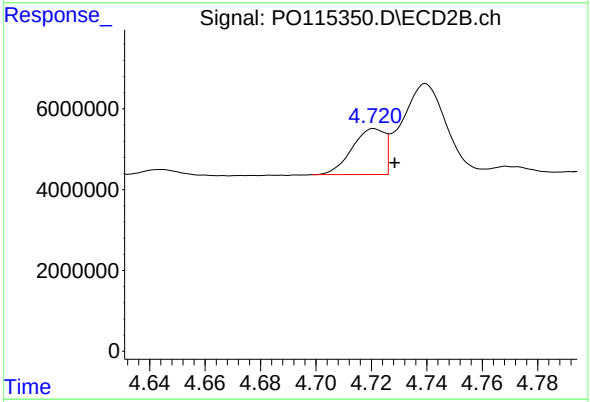
#16 AR-1242-1

R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 12196650
Conc: 65.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF6

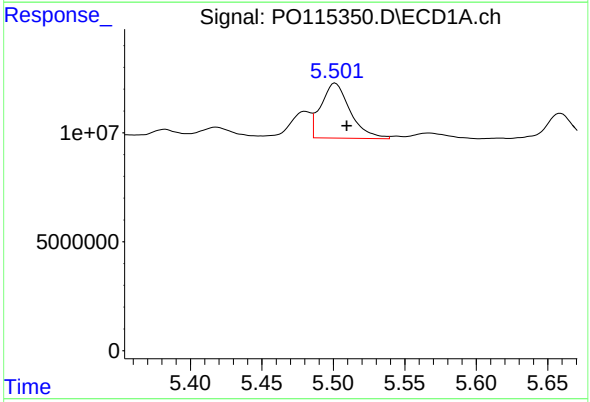
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



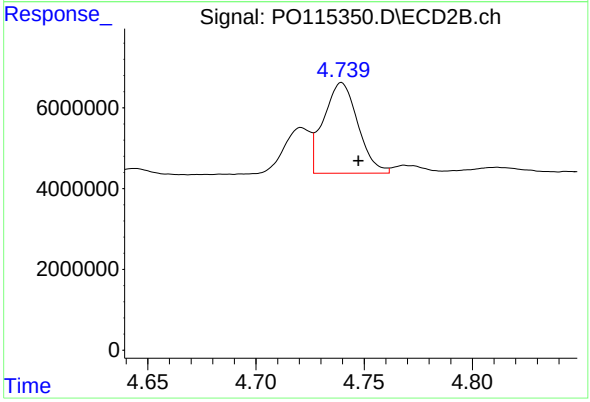
#16 AR-1242-1

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 9870150
Conc: 67.50 ng/ml m



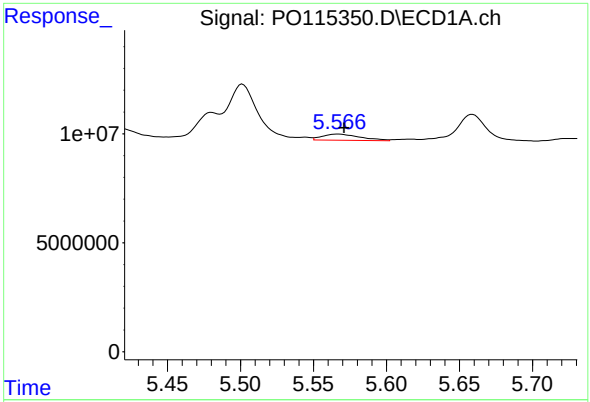
#17 AR-1242-2

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 35918374
Conc: 120.22 ng/ml



#17 AR-1242-2

R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 24492205
Conc: 118.24 ng/ml m



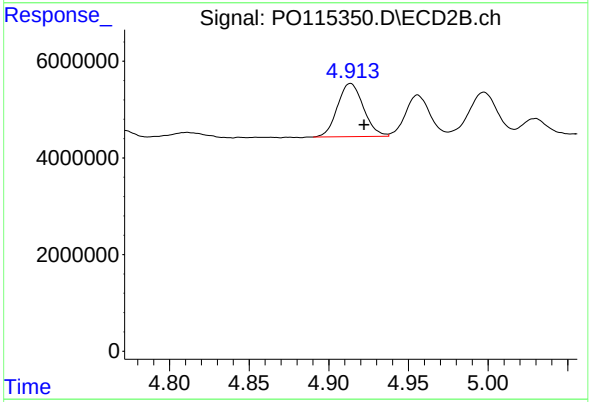
#18 AR-1242-3

R.T.: 5.567 min
Delta R.T.: -0.004 min
Response: 5065900
Conc: 29.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF6

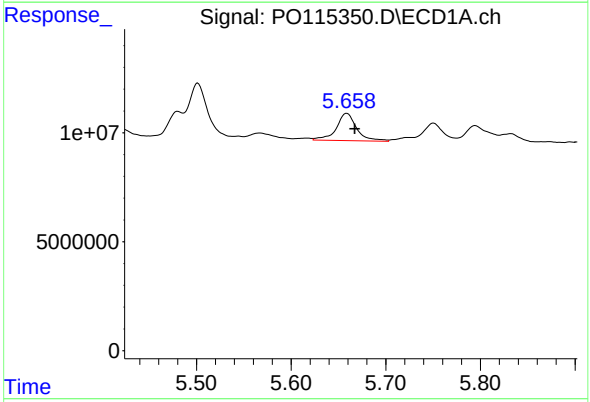
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



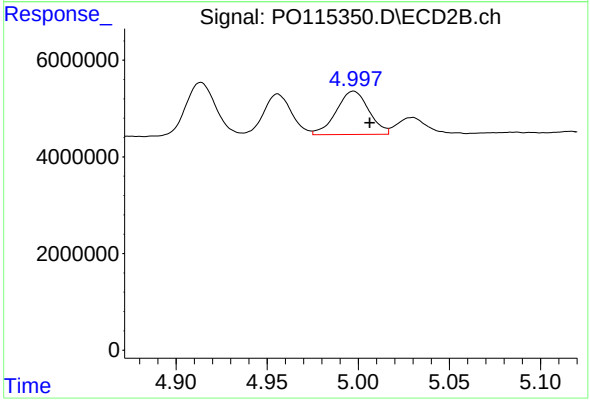
#18 AR-1242-3

R.T.: 4.914 min
Delta R.T.: -0.008 min
Response: 12496363
Conc: 111.60 ng/ml



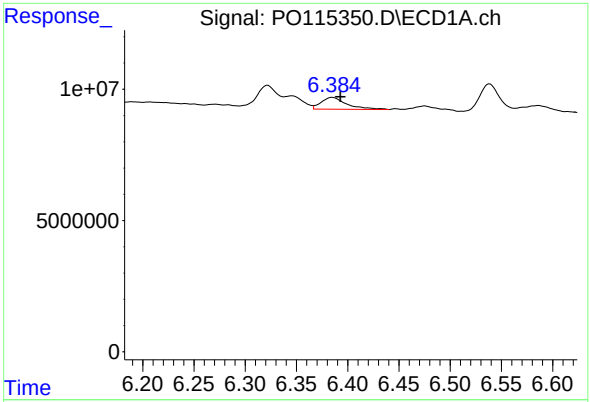
#19 AR-1242-4

R.T.: 5.659 min
Delta R.T.: -0.008 min
Response: 18851737
Conc: 131.66 ng/ml



#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.009 min
Response: 11186765
Conc: 104.42 ng/ml



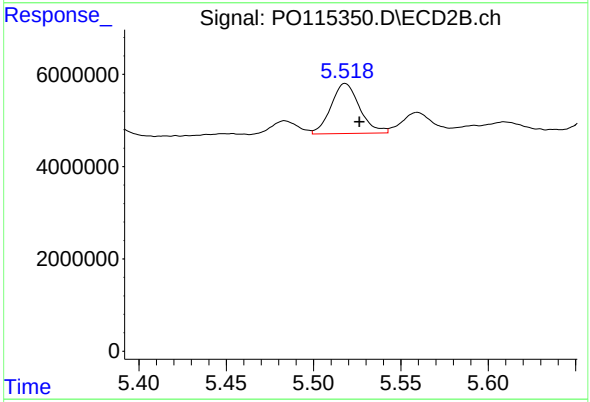
#20 AR-1242-5

R.T.: 6.385 min
Delta R.T.: -0.008 min
Response: 7609246
Conc: 53.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF6

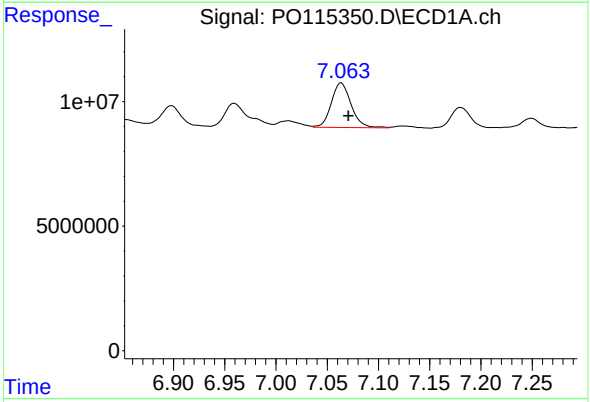
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



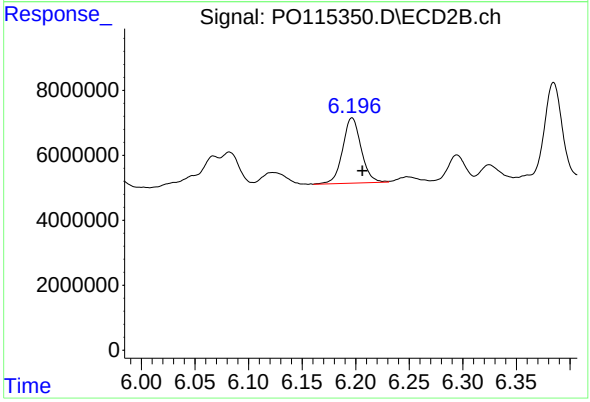
#20 AR-1242-5

R.T.: 5.518 min
Delta R.T.: -0.008 min
Response: 12425151
Conc: 86.94 ng/ml



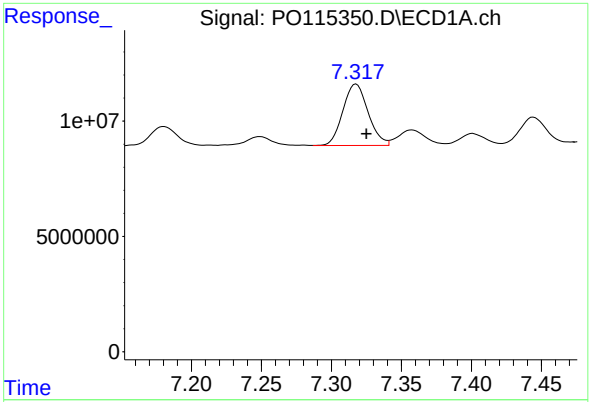
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 23959224
Conc: 78.39 ng/ml



#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 24177172
Conc: 81.65 ng/ml



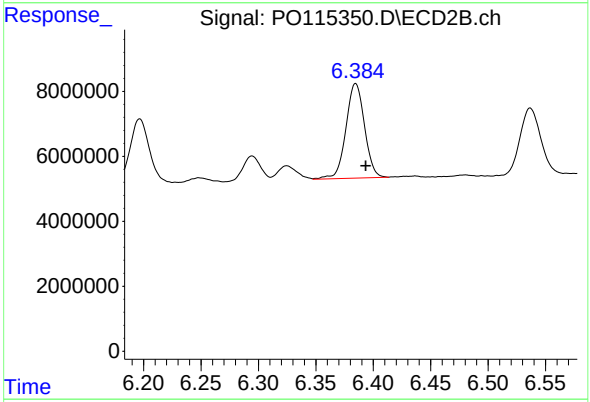
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 33431088
Conc: 84.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF6

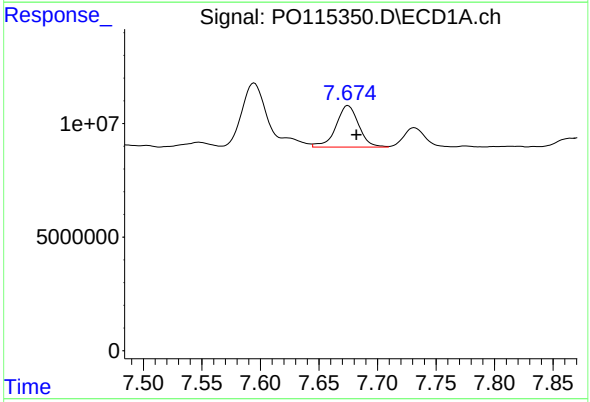
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



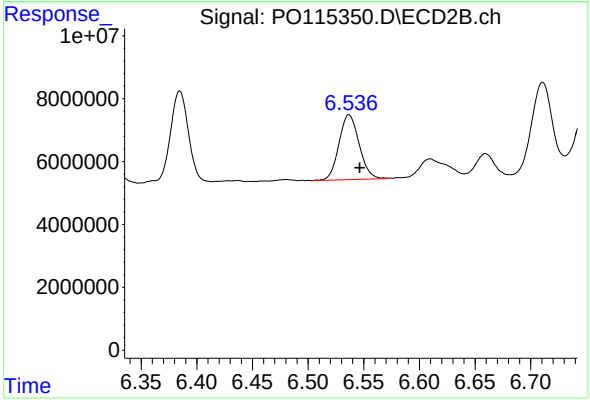
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 32948637
Conc: 76.62 ng/ml



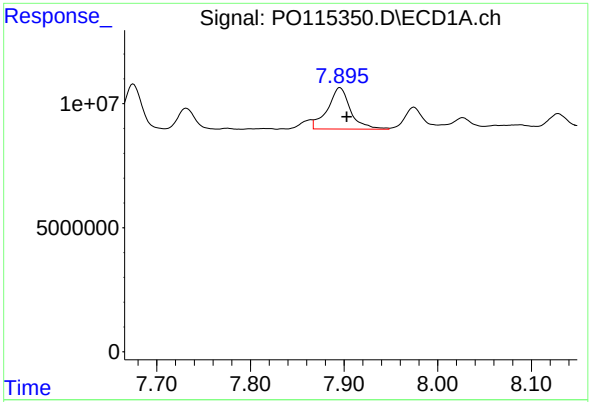
#33 AR-1260-3

R.T.: 7.675 min
Delta R.T.: -0.007 min
Response: 24754146
Conc: 74.60 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.010 min
Response: 26092648
Conc: 74.31 ng/ml



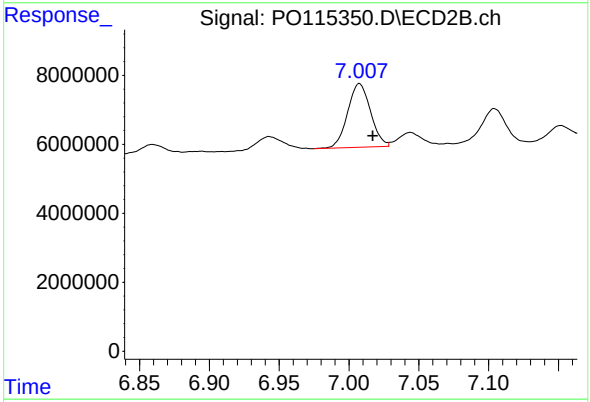
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 28459937
Conc: 93.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AF6

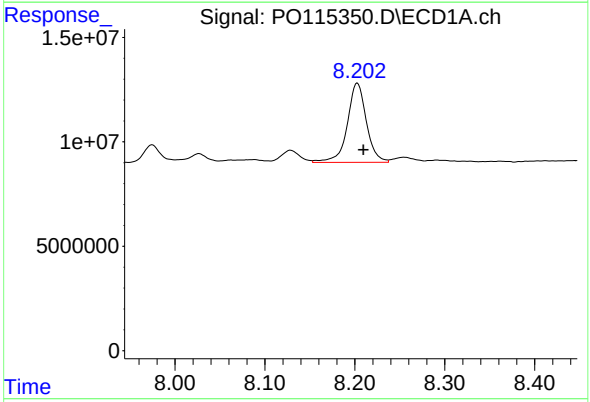
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



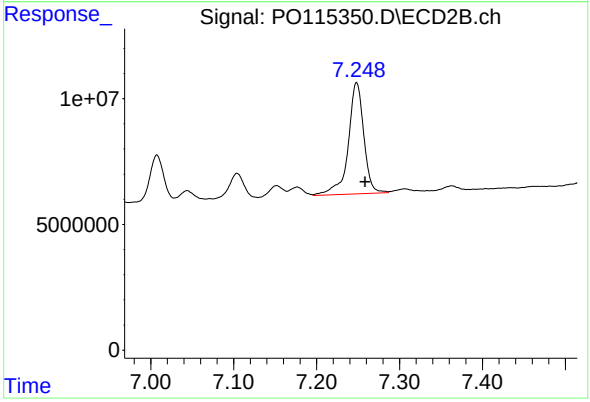
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.010 min
Response: 21092199
Conc: 69.60 ng/ml



#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 55910586
Conc: 78.39 ng/ml



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 57592004
Conc: 70.09 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AL8	SDG No.:	Q3694
Lab Sample ID:	Q3694-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.7
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.0	U	1	4.70	20.0	ug/kg	11/22/25 00:21	PB170688
11104-28-2	Aroclor-1221	20.0	U	1	4.70	20.0	ug/kg	11/22/25 00:21	PB170688
11141-16-5	Aroclor-1232	20.0	U	1	4.40	20.0	ug/kg	11/22/25 00:21	PB170688
53469-21-9	Aroclor-1242	20.0	U	1	4.70	20.0	ug/kg	11/22/25 00:21	PB170688
12672-29-6	Aroclor-1248	20.0	U	1	7.00	20.0	ug/kg	11/22/25 00:21	PB170688
11097-69-1	Aroclor-1254	20.0	U	1	3.80	20.0	ug/kg	11/22/25 00:21	PB170688
37324-23-5	Aroclor-1262	20.0	U	1	5.90	20.0	ug/kg	11/22/25 00:21	PB170688
11100-14-4	Aroclor-1268	20.0	U	1	4.20	20.0	ug/kg	11/22/25 00:21	PB170688
11096-82-5	Aroclor-1260	46.7		1	3.80	20.0	ug/kg	11/22/25 00:21	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.5			21 - 165	113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.4			10 - 170	97%	SPK: 20		

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\PO112125\
Data File : PO115351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:21
Operator : YP/AJ
Sample : Q3694-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AL8

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:56:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	158.6E6	99954292	22.541	22.377
2)	SA Decachlor...	9.919	8.631	85143237	75645299	19.262	19.377
	Target Compounds						
31)	L7 AR-1260-1	7.064	6.197	31336500	31336631	102.530	105.829
32)	L7 AR-1260-2	7.318	6.385	48201660	46724588	121.759	108.654
33)	L7 AR-1260-3	7.674	6.538	42071145	34108841	126.790	97.134
34)	L7 AR-1260-4	7.895	7.008	41681537	30747905	136.652m	101.469 #
35)	L7 AR-1260-5	8.203	7.249	76012535	76211370	106.577	92.757

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

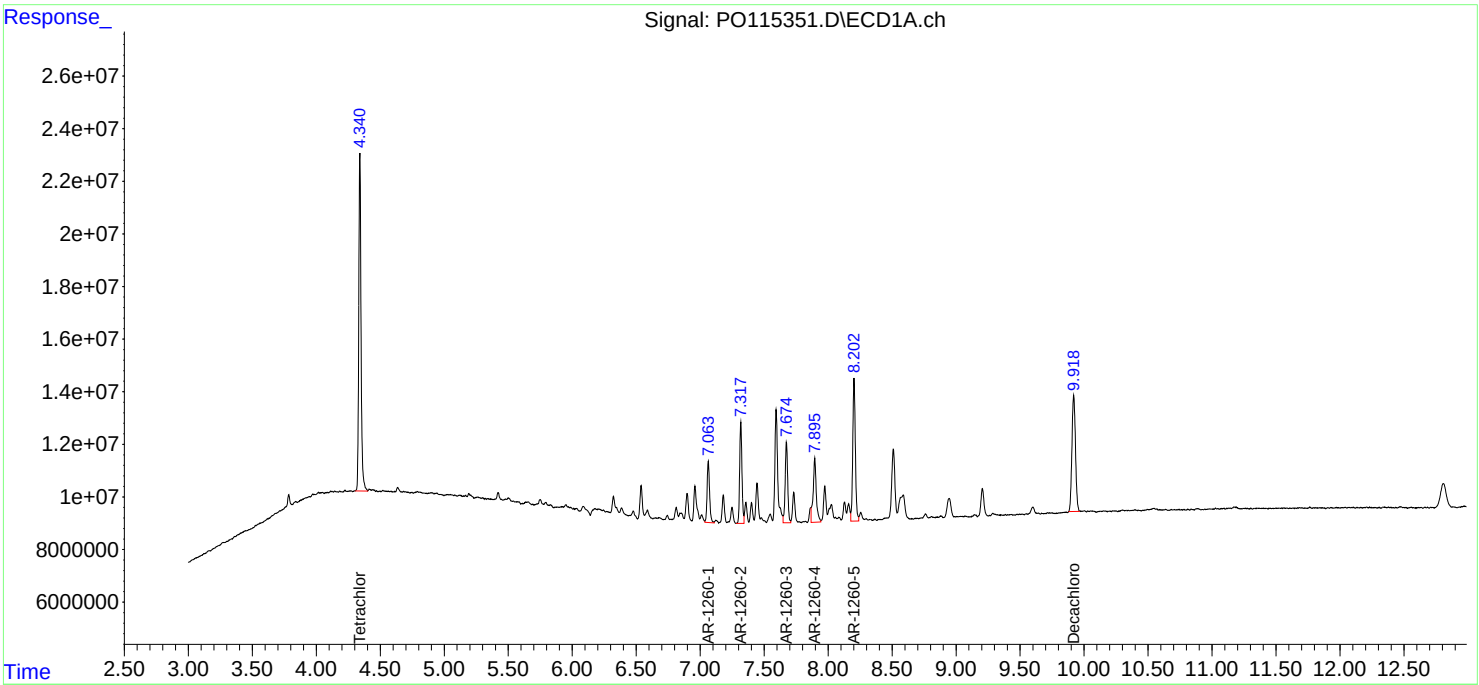
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:21
Operator : YP/AJ
Sample : Q3694-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

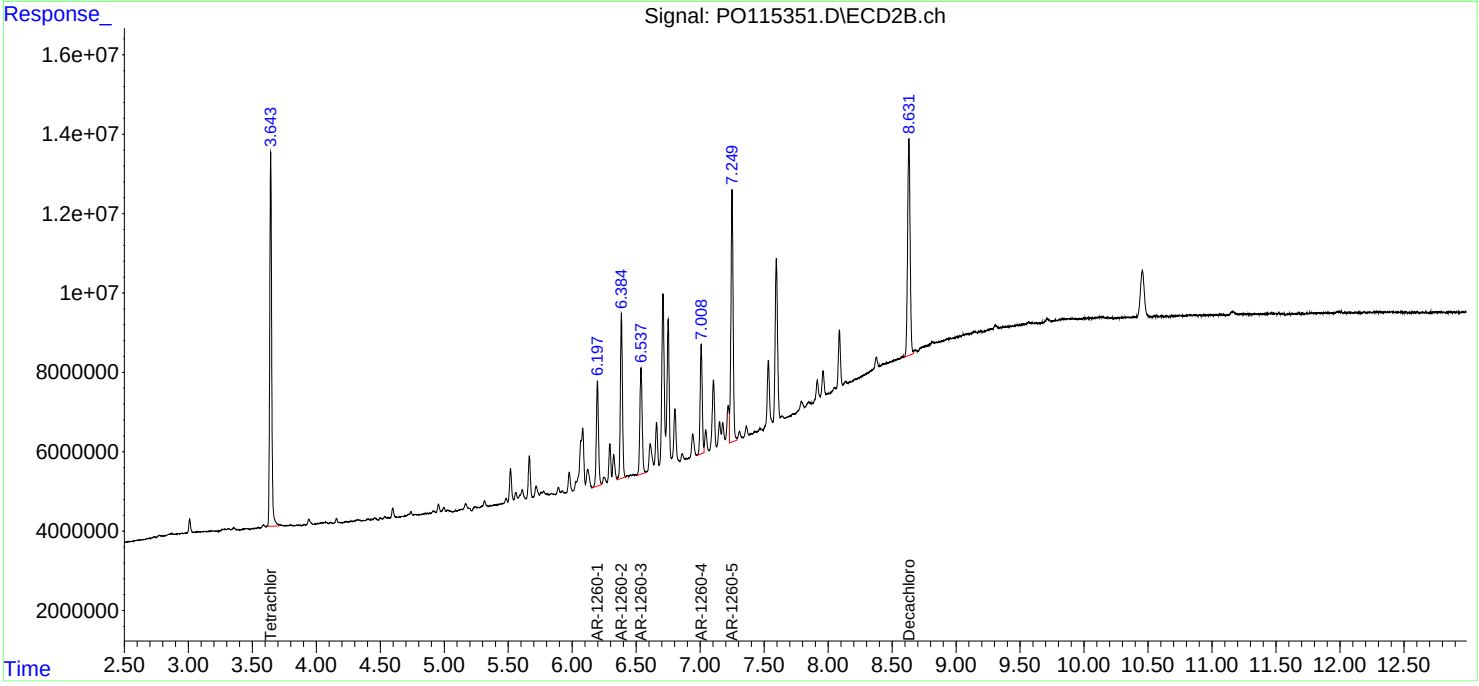
Instrument :
ECD_O
ClientSampleId :
C0AL8

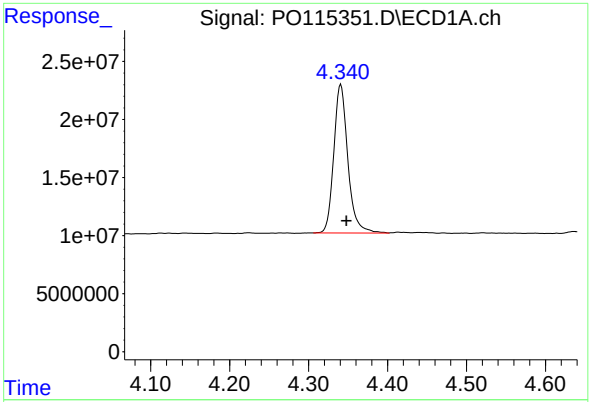
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:56:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







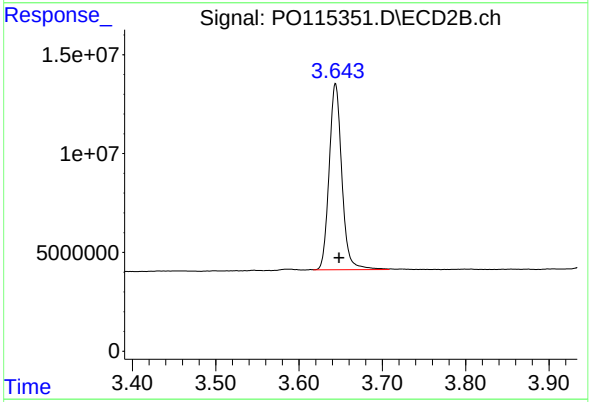
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 158649048
Conc: 22.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL8

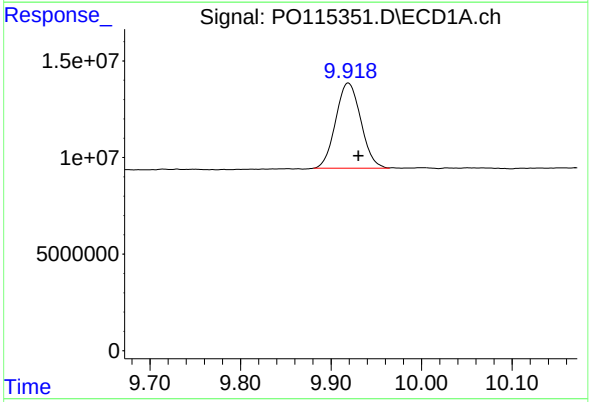
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



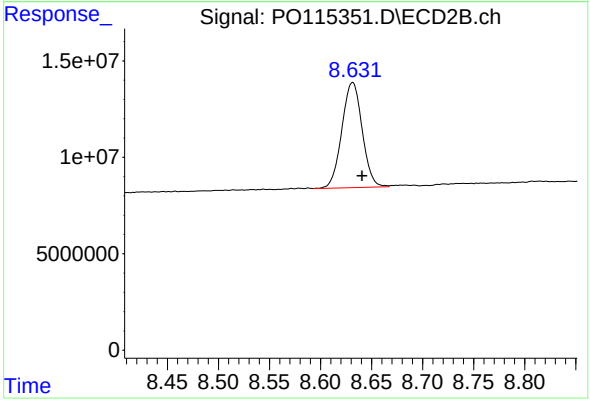
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 99954292
Conc: 22.38 ng/ml



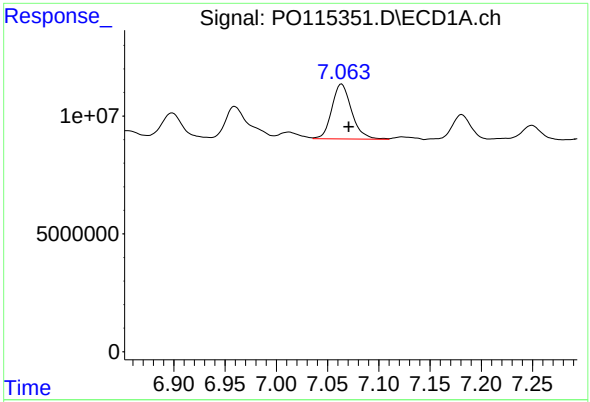
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 85143237
Conc: 19.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.631 min
Delta R.T.: -0.009 min
Response: 75645299
Conc: 19.38 ng/ml



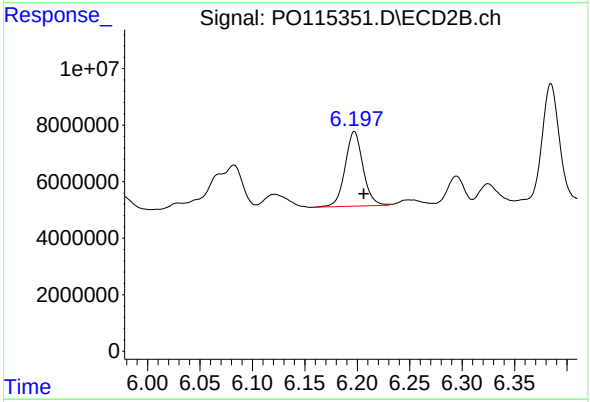
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 31336500
Conc: 102.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL8

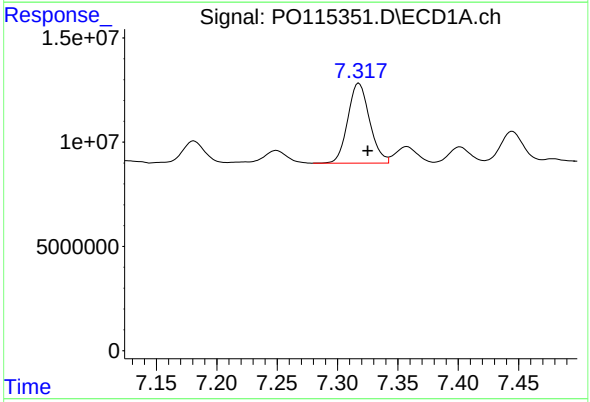
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



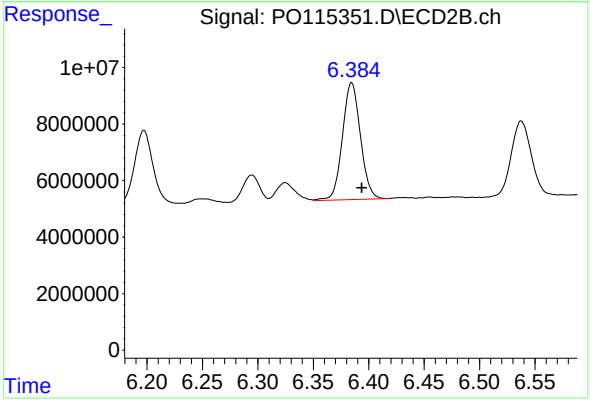
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 31336631
Conc: 105.83 ng/ml



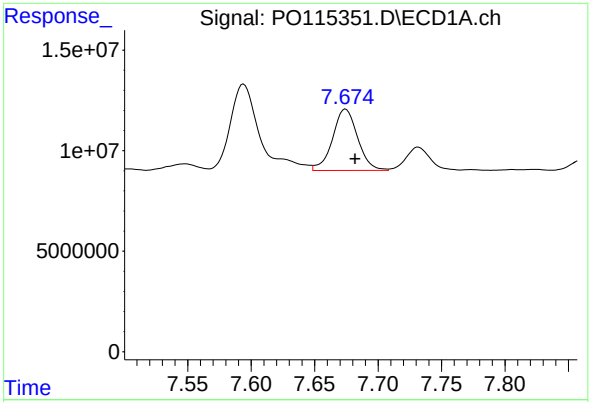
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 48201660
Conc: 121.76 ng/ml



#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 46724588
Conc: 108.65 ng/ml



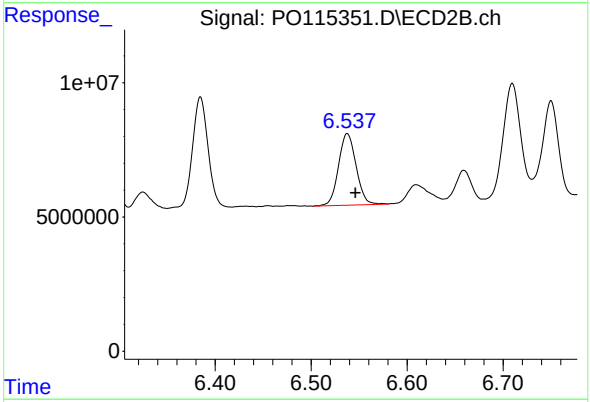
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.007 min
Response: 42071145
Conc: 126.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL8

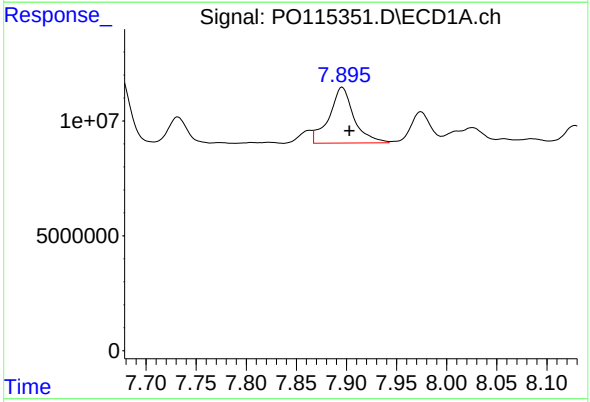
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



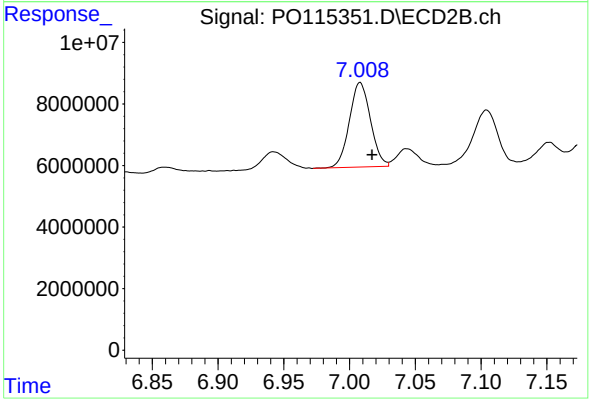
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 34108841
Conc: 97.13 ng/ml



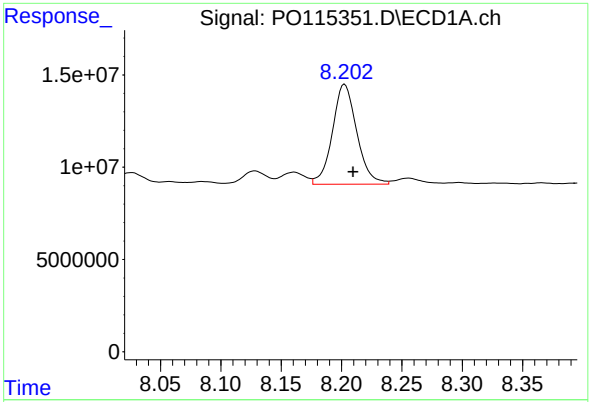
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 41681537
Conc: 136.65 ng/ml m



#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 30747905
Conc: 101.47 ng/ml



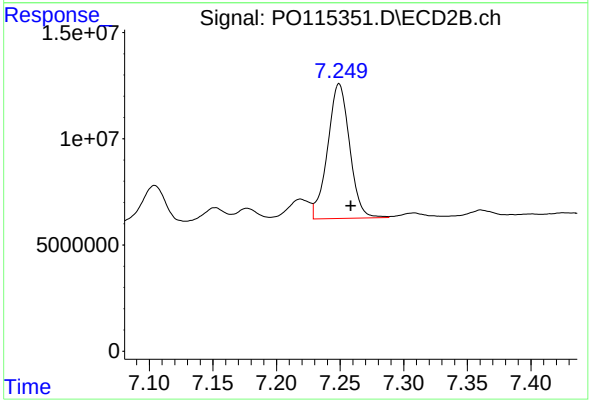
#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 76012535
Conc: 106.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL8

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 76211370
Conc: 92.76 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AL9	SDG No.:	Q3694
Lab Sample ID:	Q3694-10	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.2
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.4	U	1	4.70	20.4	ug/kg	11/22/25 00:39	PB170688
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/22/25 00:39	PB170688
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/22/25 00:39	PB170688
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/22/25 00:39	PB170688
12672-29-6	Aroclor-1248	20.4	U	1	7.10	20.4	ug/kg	11/22/25 00:39	PB170688
11097-69-1	Aroclor-1254	251		1	3.90	20.4	ug/kg	11/22/25 00:39	PB170688
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/22/25 00:39	PB170688
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/22/25 00:39	PB170688
11096-82-5	Aroclor-1260	233		1	3.90	20.4	ug/kg	11/22/25 00:39	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.8			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.4			10 - 170	97%	SPK: 20		

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\PO112125\
Data File : PO115352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:39
Operator : YP/AJ
Sample : Q3694-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AL9

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:56:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.644	153.4E6	97519341	21.799	21.832	
2)	SA Decachlor...	9.920	8.630	84575471	75594997	19.134	19.364	
	Target Compounds							
26)	L6 AR-1254-1	6.322	5.518	140.5E6	124.2E6	554.535m	413.650	#
27)	L6 AR-1254-2	6.538	5.665	204.4E6	135.2E6	551.852m	501.430	
28)	L6 AR-1254-3	6.899	6.067	190.0E6	256.7E6	493.623	607.974	
29)	L6 AR-1254-4	7.180	6.295	160.0E6	124.5E6	486.859	418.586	
30)	L6 AR-1254-5	7.595	6.710	316.4E6	287.1E6	1048.339	722.193	#
31)	L7 AR-1260-1	7.063	6.197	184.5E6	181.4E6	603.636	612.494	
32)	L7 AR-1260-2	7.317	6.384	262.5E6	224.2E6	663.116	521.432	
33)	L7 AR-1260-3	7.674	6.537	169.6E6	183.2E6	511.220	521.576	
34)	L7 AR-1260-4	7.896	7.008	204.7E6	125.6E6	671.150	414.401	#
35)	L7 AR-1260-5	8.203	7.249	329.6E6	366.3E6	462.091	445.796	

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

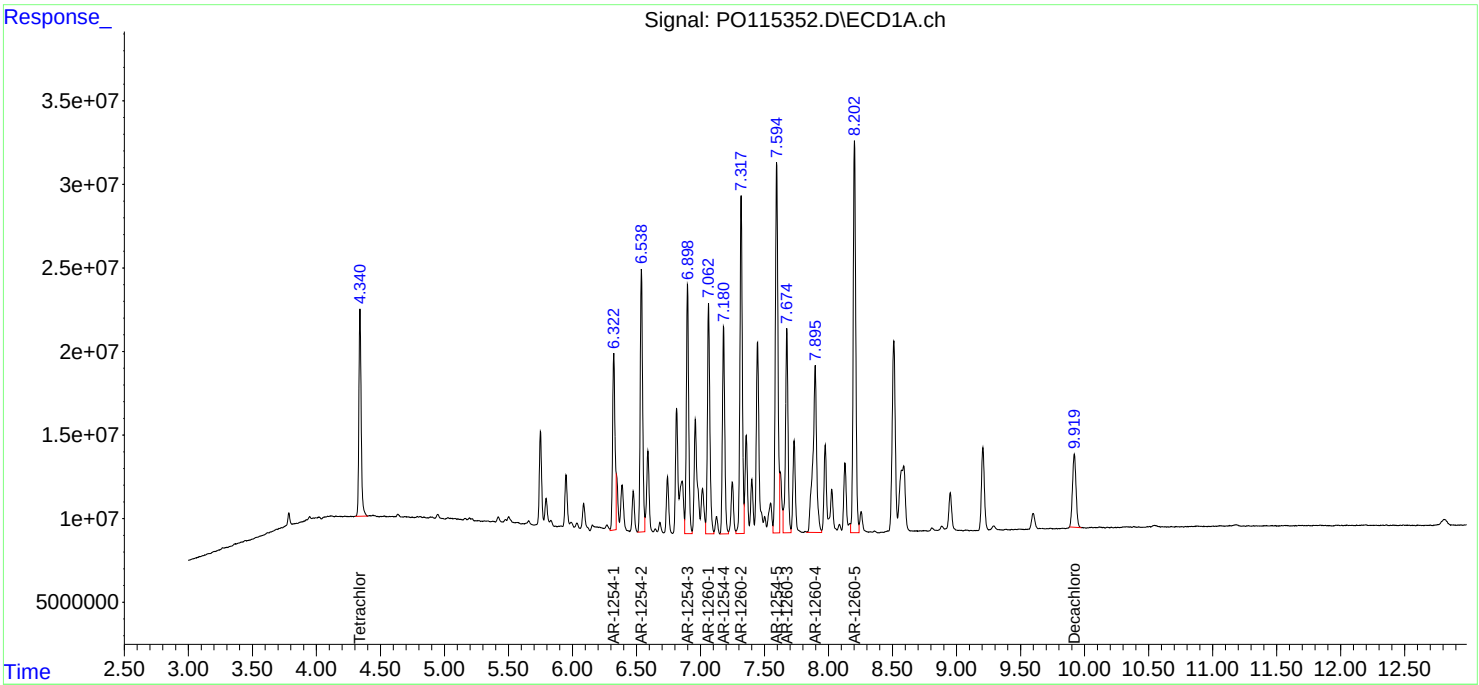
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:39
Operator : YP/AJ
Sample : Q3694-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

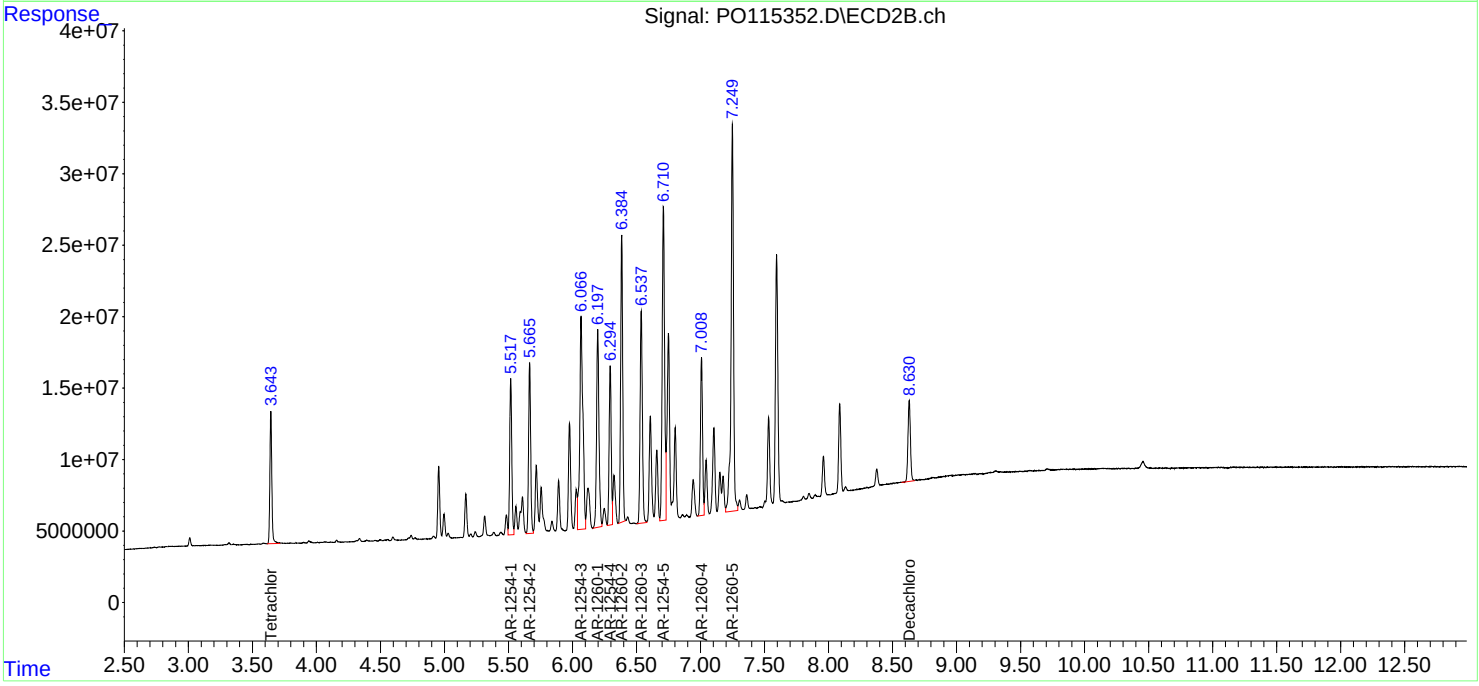
Instrument :
ECD_O
ClientSampleId :
C0AL9

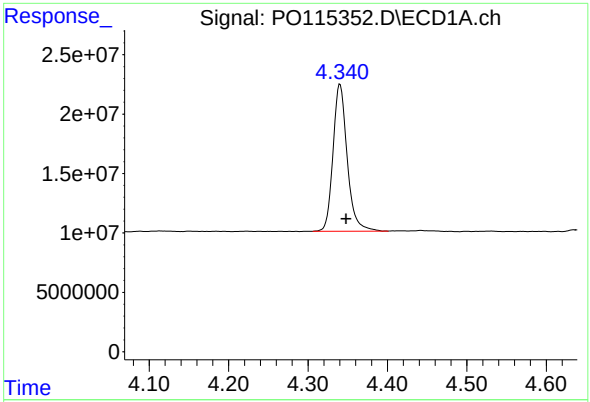
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:56:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







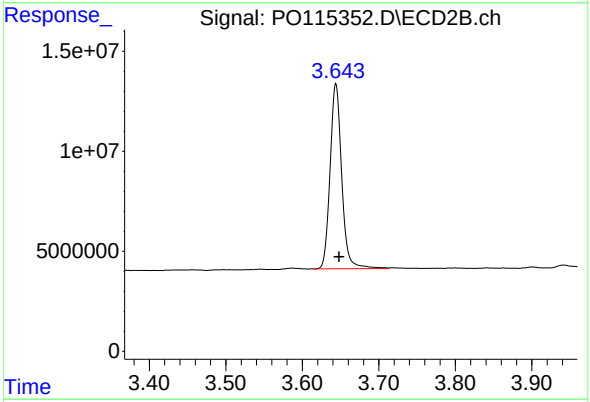
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 153426554
Conc: 21.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL9

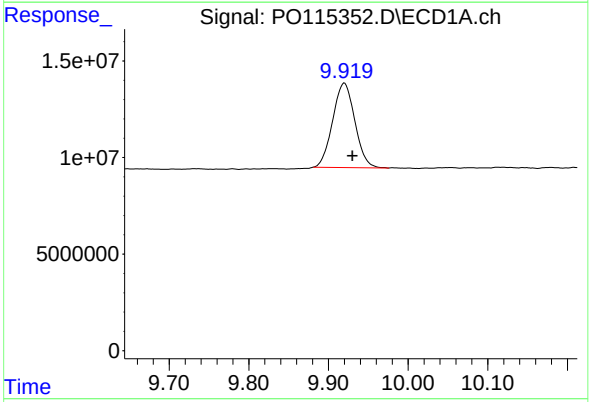
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



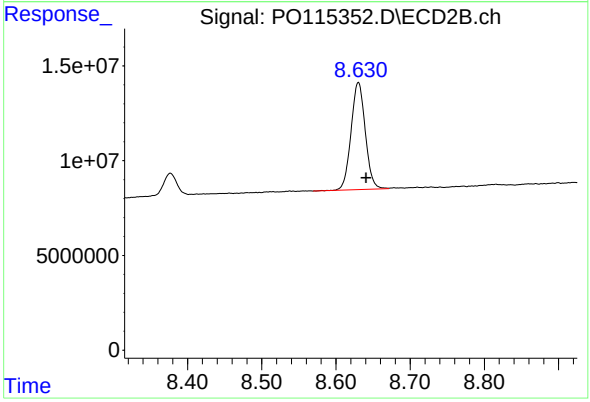
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 97519341
Conc: 21.83 ng/ml



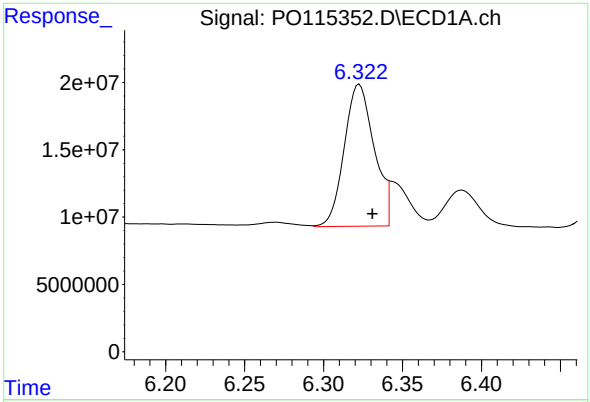
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 84575471
Conc: 19.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 75594997
Conc: 19.36 ng/ml



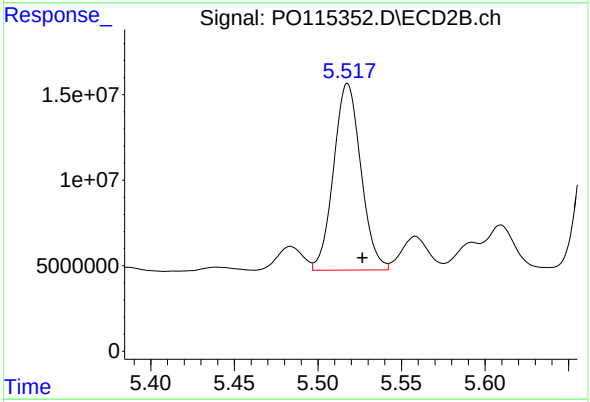
#26 AR-1254-1

R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 140535575
Conc: 554.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL9

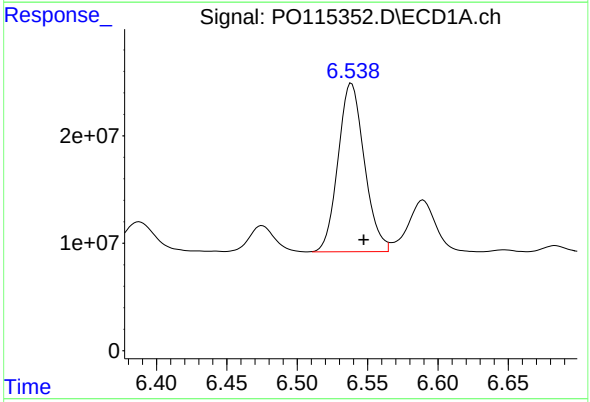
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



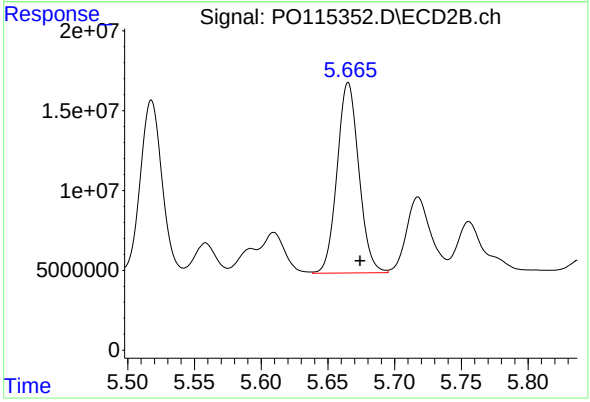
#26 AR-1254-1

R.T.: 5.518 min
Delta R.T.: -0.009 min
Response: 124169612
Conc: 413.65 ng/ml



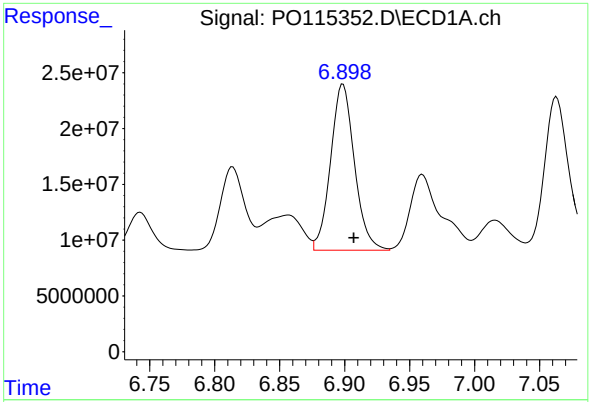
#27 AR-1254-2

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 204430358
Conc: 551.85 ng/ml m



#27 AR-1254-2

R.T.: 5.665 min
Delta R.T.: -0.009 min
Response: 135189247
Conc: 501.43 ng/ml



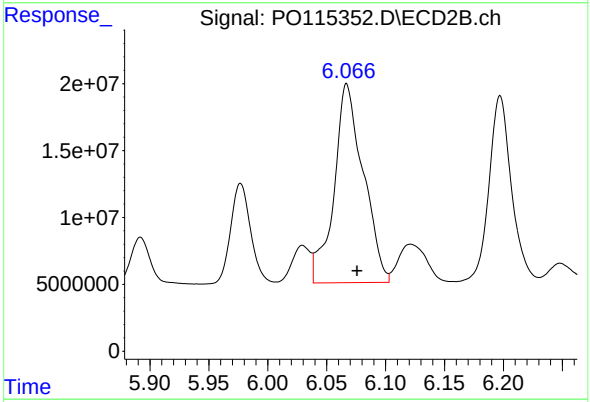
#28 AR-1254-3

R.T.: 6.899 min
Delta R.T.: -0.008 min
Response: 189978021
Conc: 493.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL9

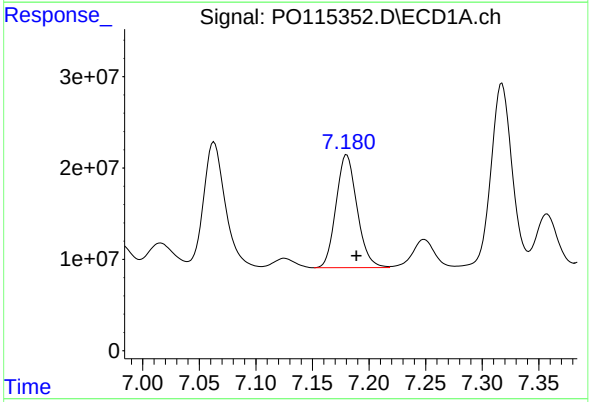
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



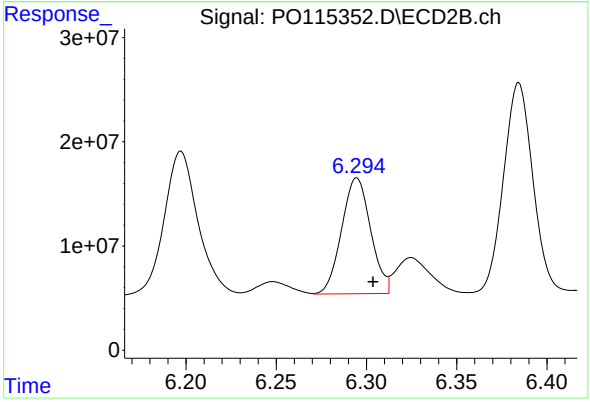
#28 AR-1254-3

R.T.: 6.067 min
Delta R.T.: -0.009 min
Response: 256713873
Conc: 607.97 ng/ml



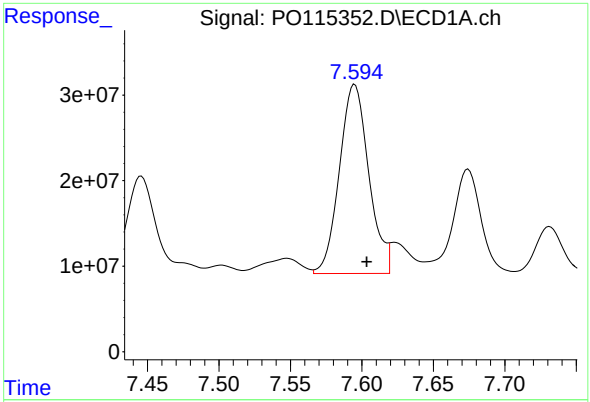
#29 AR-1254-4

R.T.: 7.180 min
Delta R.T.: -0.008 min
Response: 160038339
Conc: 486.86 ng/ml



#29 AR-1254-4

R.T.: 6.295 min
Delta R.T.: -0.009 min
Response: 124484941
Conc: 418.59 ng/ml



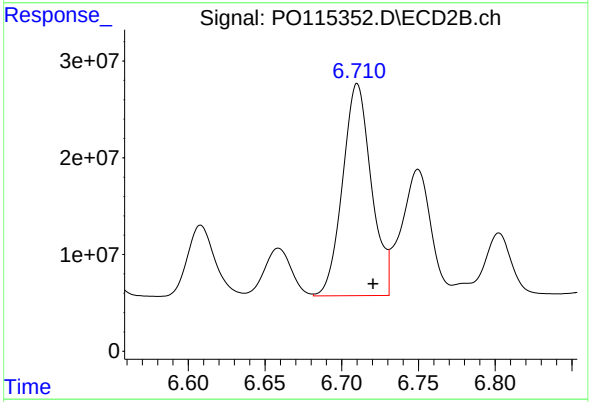
#30 AR-1254-5

R.T.: 7.595 min
Delta R.T.: -0.008 min
Response: 316444771
Conc: 1048.34 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AL9

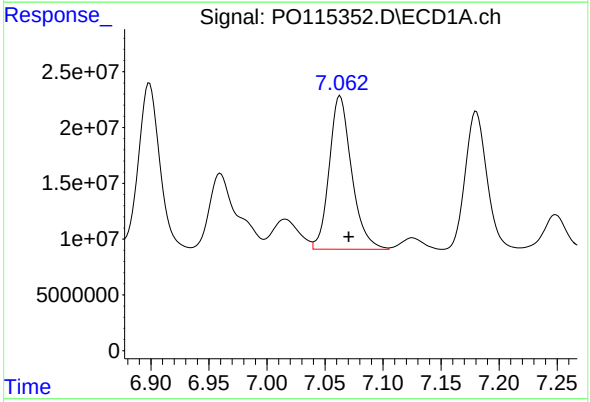
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



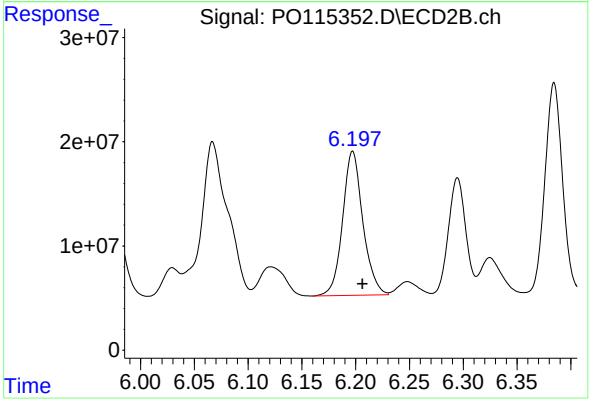
#30 AR-1254-5

R.T.: 6.710 min
Delta R.T.: -0.010 min
Response: 287090327
Conc: 722.19 ng/ml



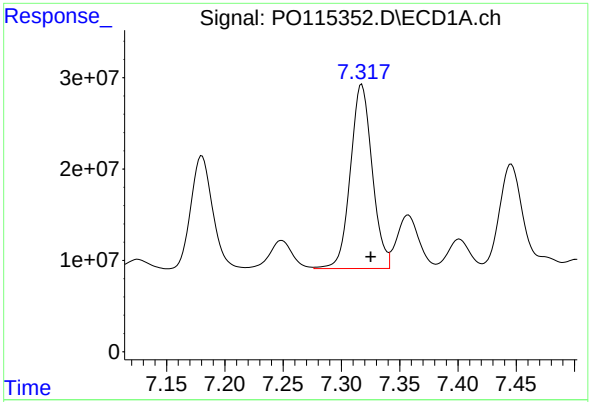
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 184491351
Conc: 603.64 ng/ml



#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 181363994
Conc: 612.49 ng/ml



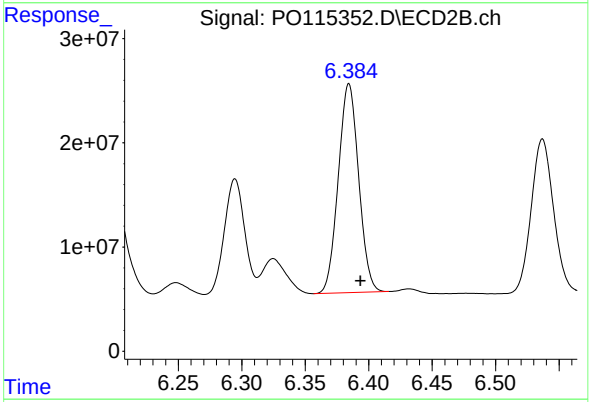
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 262512437
Conc: 663.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL9

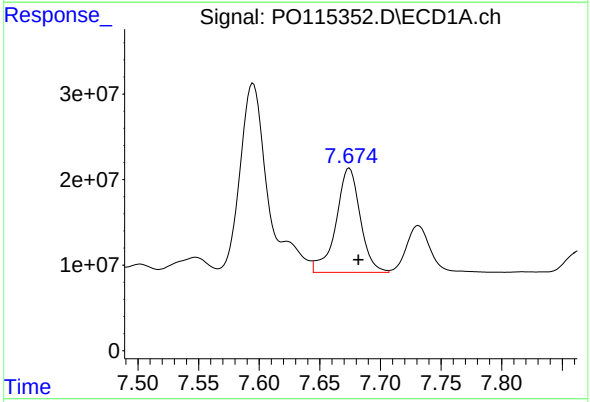
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



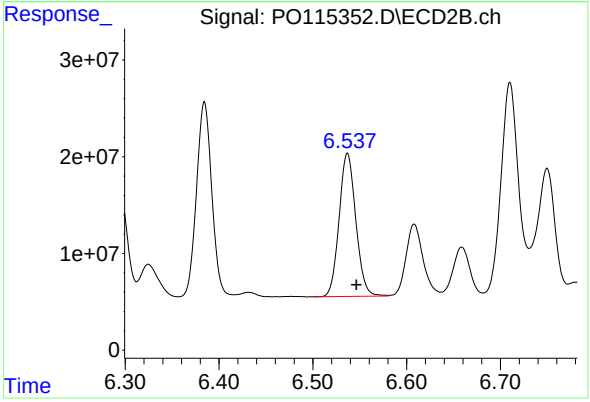
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 224232045
Conc: 521.43 ng/ml



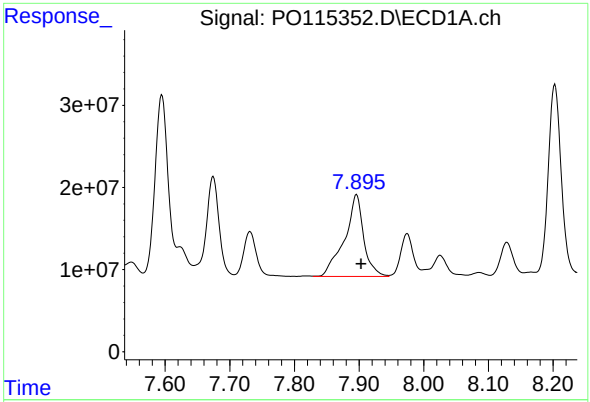
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 169632093
Conc: 511.22 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 183152025
Conc: 521.58 ng/ml



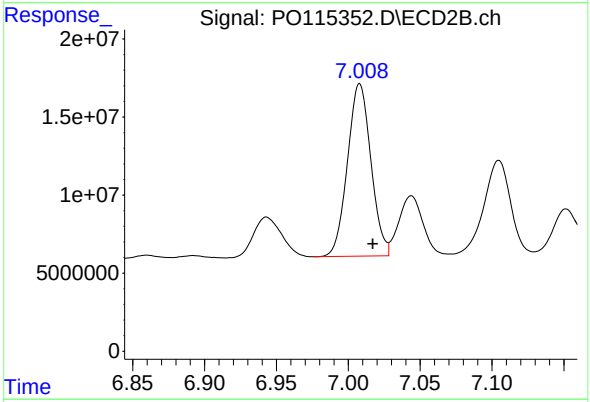
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 204714102
Conc: 671.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL9

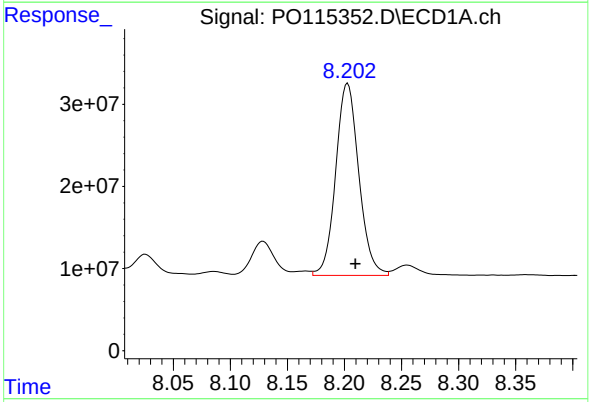
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



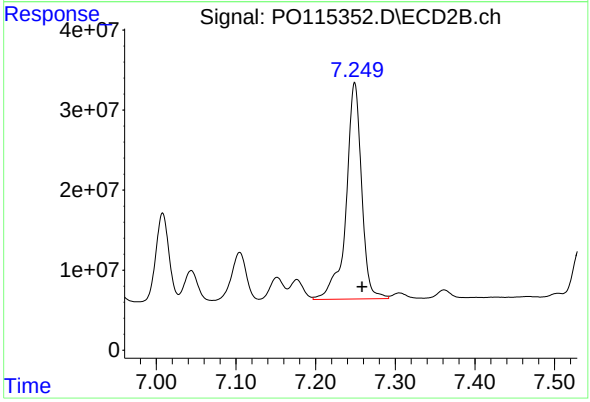
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 125575518
Conc: 414.40 ng/ml



#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 329571907
Conc: 462.09 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 366278138
Conc: 445.80 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AM0	SDG No.:	Q3694
Lab Sample ID:	Q3694-11	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.0	U	1	4.60	20.0	ug/kg	11/22/25 00:58	PB170688
11104-28-2	Aroclor-1221	20.0	U	1	4.70	20.0	ug/kg	11/22/25 00:58	PB170688
11141-16-5	Aroclor-1232	20.0	U	1	4.40	20.0	ug/kg	11/22/25 00:58	PB170688
53469-21-9	Aroclor-1242	20.0	U	1	4.70	20.0	ug/kg	11/22/25 00:58	PB170688
12672-29-6	Aroclor-1248	20.0	U	1	6.90	20.0	ug/kg	11/22/25 00:58	PB170688
11097-69-1	Aroclor-1254	20.0	U	1	3.80	20.0	ug/kg	11/22/25 00:58	PB170688
37324-23-5	Aroclor-1262	20.0	U	1	5.90	20.0	ug/kg	11/22/25 00:58	PB170688
11100-14-4	Aroclor-1268	20.0	U	1	4.20	20.0	ug/kg	11/22/25 00:58	PB170688
11096-82-5	Aroclor-1260	43.5		1	3.80	20.0	ug/kg	11/22/25 00:58	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.1			21 - 165	110%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.6			10 - 170	73%	SPK: 20		

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\PO112125\
Data File : PO115353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:58
Operator : YP/AJ
Sample : Q3694-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AM0

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:57:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	155.3E6	98367056	22.065	22.022
2)	SA Decachlor...	9.918	8.630	63790847	56885458	14.432	14.572
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.196	30735262	29786002	100.562	100.592
32)	L7 AR-1260-2	7.317	6.384	47436171	45323827	119.825	105.397
33)	L7 AR-1260-3	7.674	6.537	39518354	31133127	119.096	88.660 #
34)	L7 AR-1260-4	7.895	7.007	37598751	29497468	123.266m	97.342
35)	L7 AR-1260-5	8.202	7.249	66177939	73889596	92.788	89.931

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

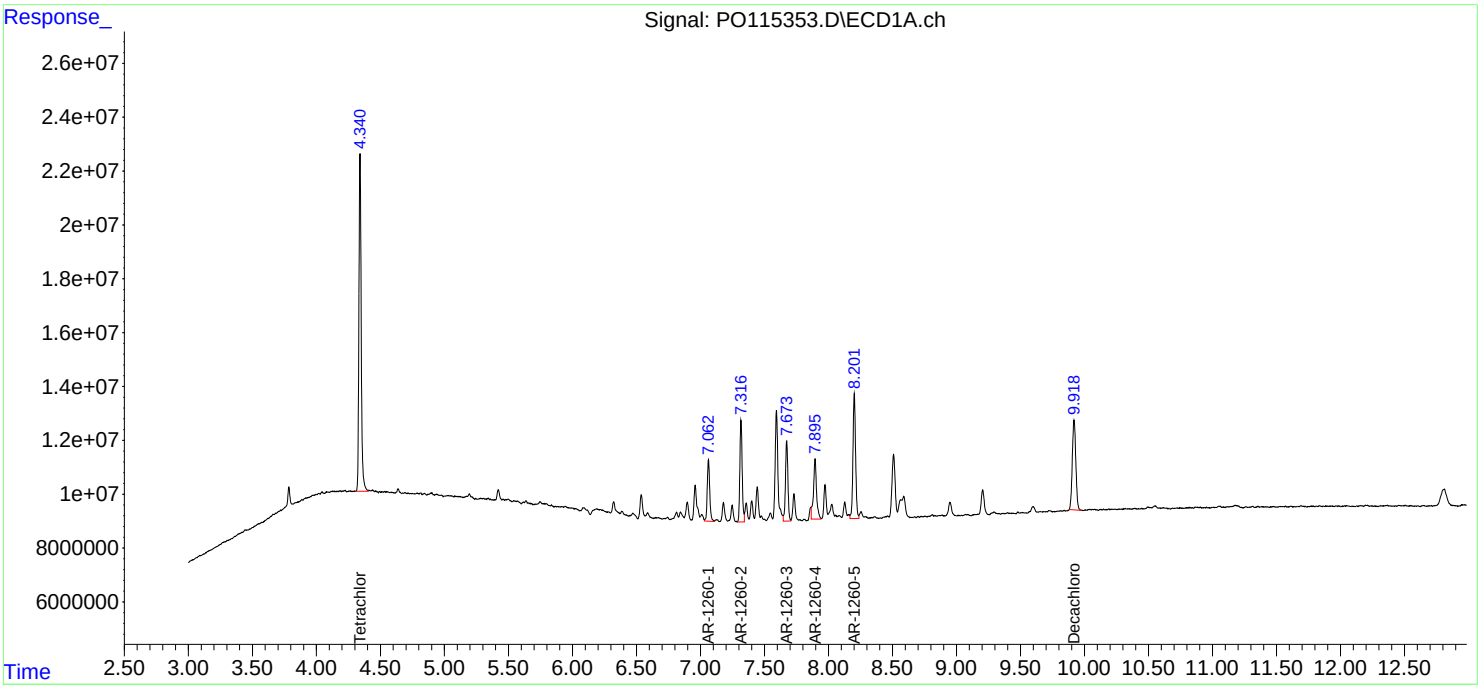
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:58
Operator : YP/AJ
Sample : Q3694-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

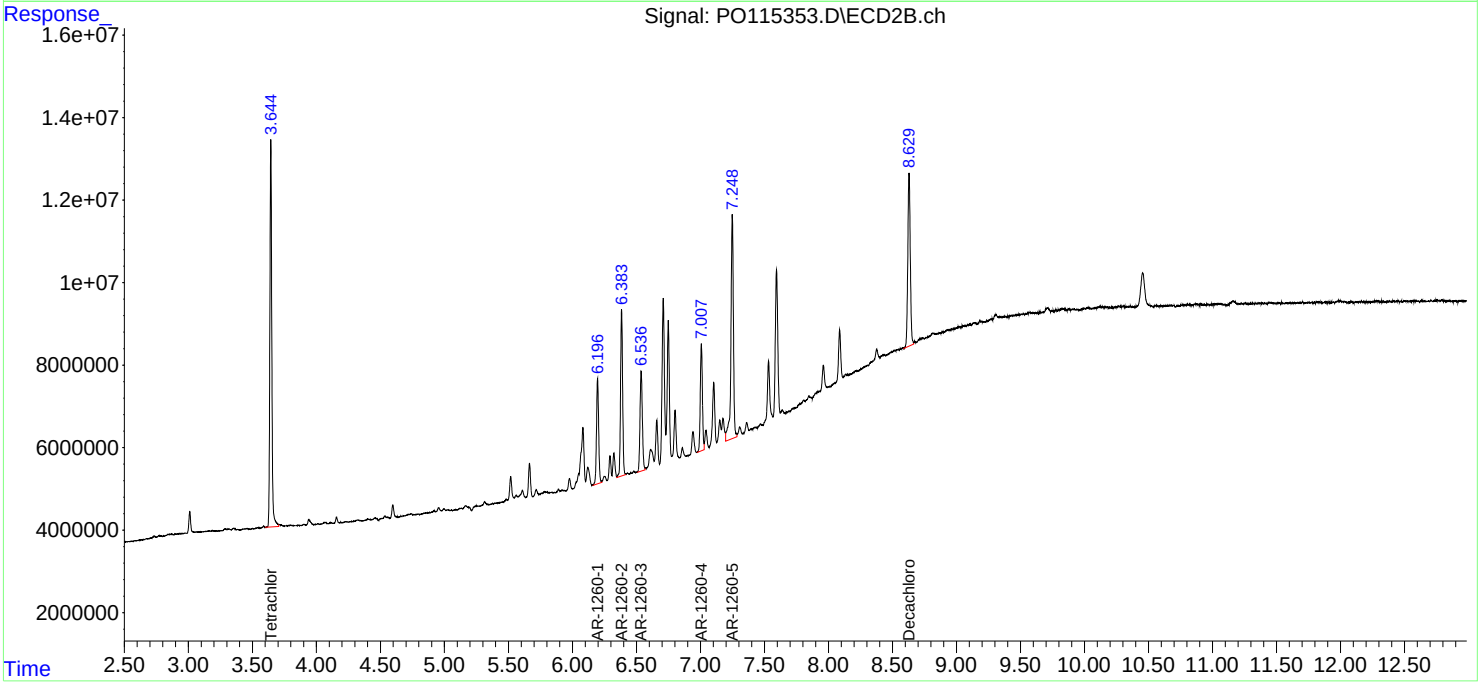
Instrument :
ECD_O
ClientSampleId :
C0AM0

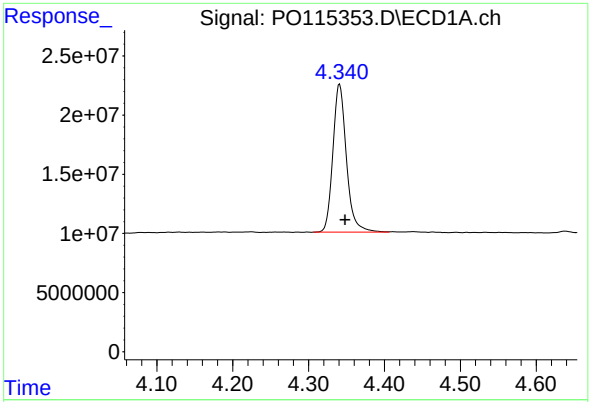
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:57:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







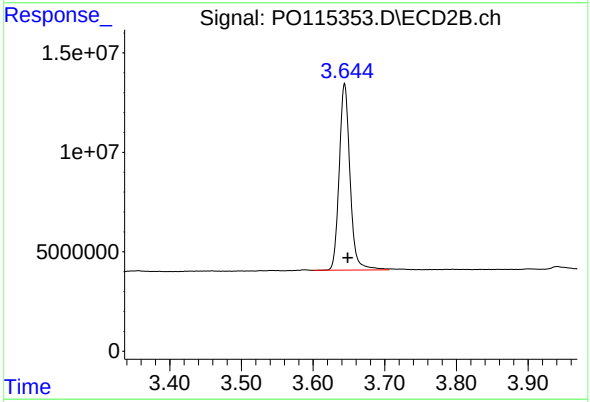
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 155299371
Conc: 22.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM0

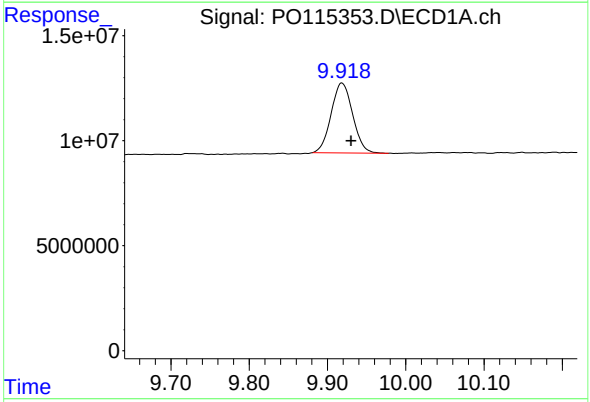
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



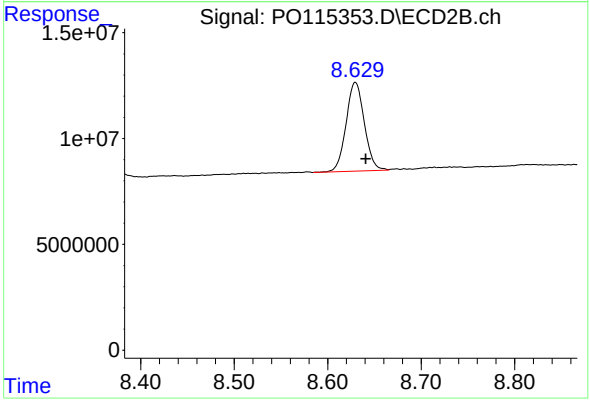
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 98367056
Conc: 22.02 ng/ml



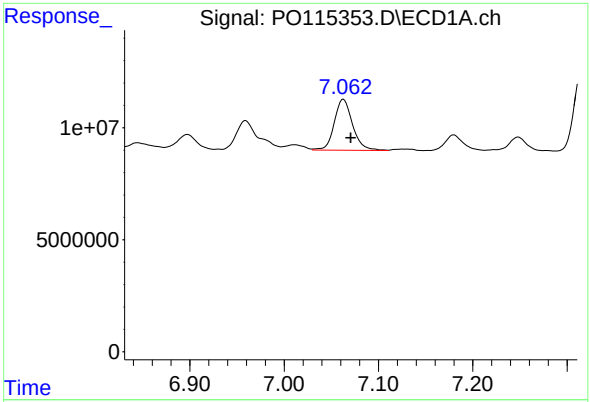
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 63790847
Conc: 14.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 56885458
Conc: 14.57 ng/ml



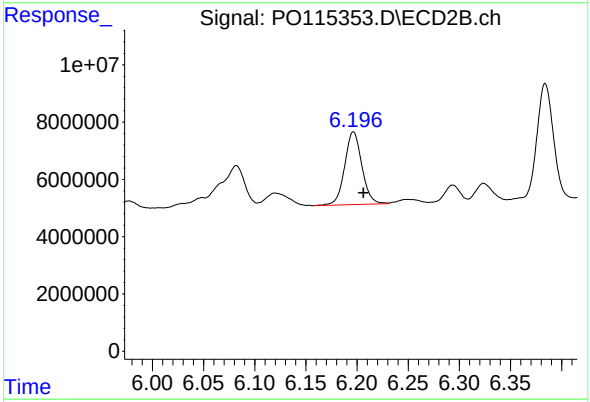
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 30735262
Conc: 100.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM0

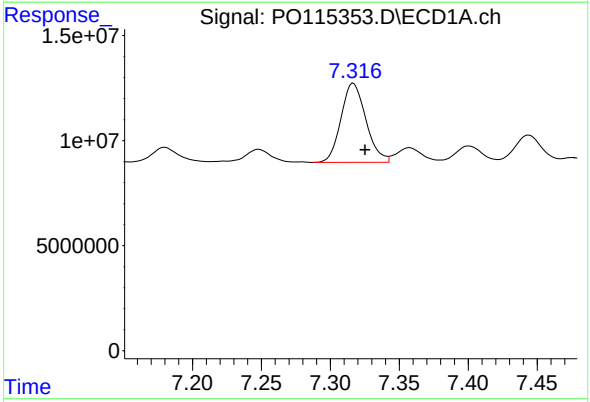
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



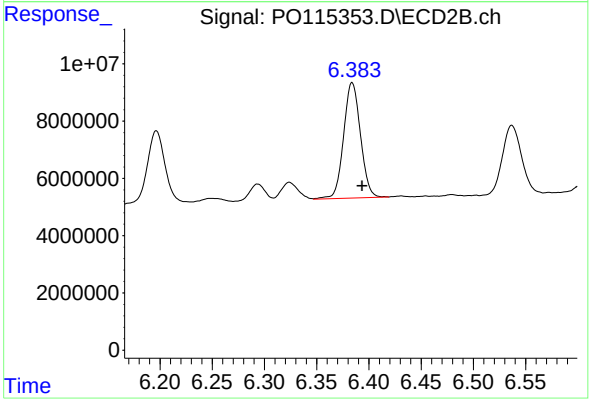
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.010 min
Response: 29786002
Conc: 100.59 ng/ml



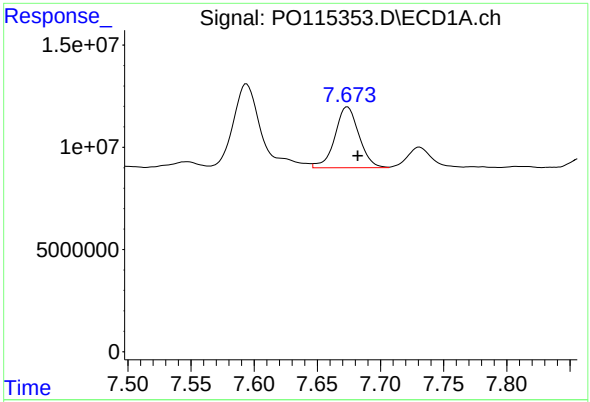
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 47436171
Conc: 119.83 ng/ml



#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 45323827
Conc: 105.40 ng/ml



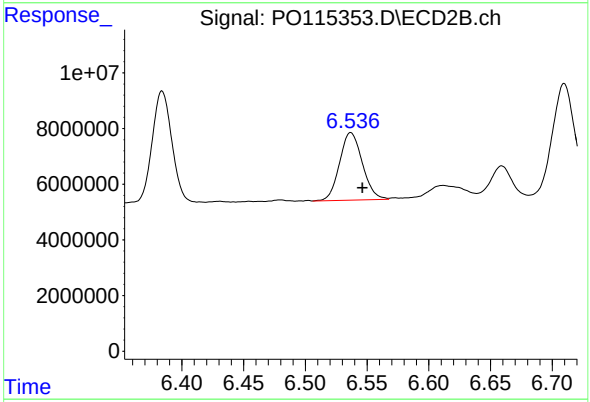
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 39518354
Conc: 119.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM0

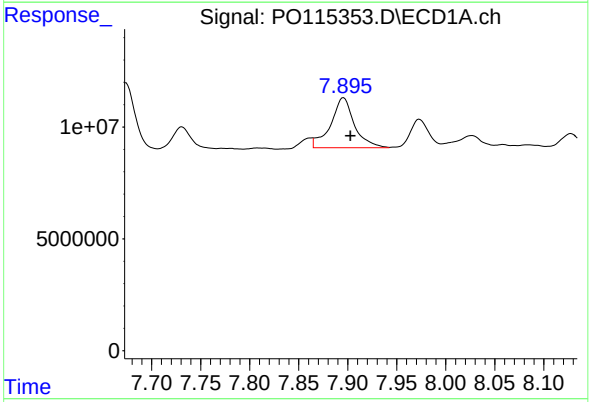
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



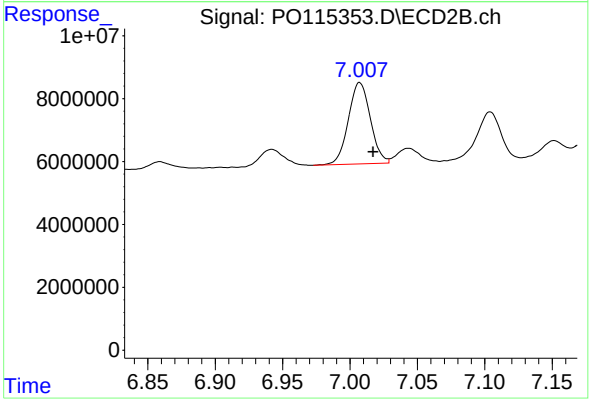
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 31133127
Conc: 88.66 ng/ml



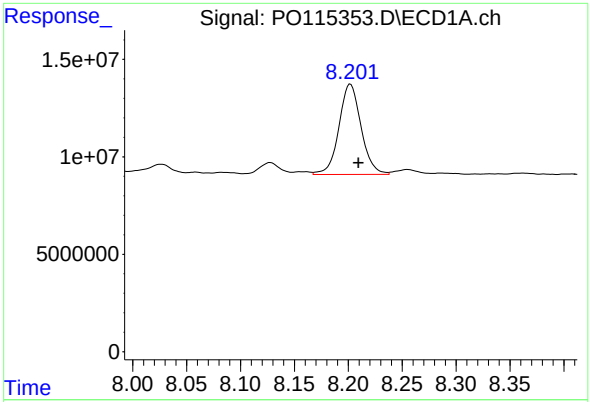
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 37598751
Conc: 123.27 ng/ml m



#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 29497468
Conc: 97.34 ng/ml



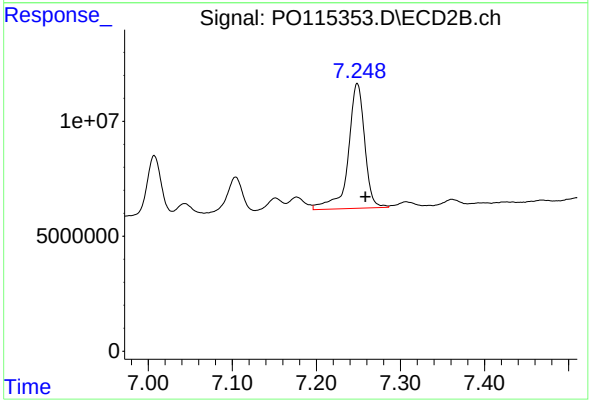
#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.008 min
Response: 66177939
Conc: 92.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM0

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 73889596
Conc: 89.93 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AM1	SDG No.:	Q3694
Lab Sample ID:	Q3694-12	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.7
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.8	U	1	4.80	20.8	ug/kg	11/22/25 01:16	PB170688
11104-28-2	Aroclor-1221	20.8	U	1	4.90	20.8	ug/kg	11/22/25 01:16	PB170688
11141-16-5	Aroclor-1232	20.8	U	1	4.50	20.8	ug/kg	11/22/25 01:16	PB170688
53469-21-9	Aroclor-1242	20.8	U	1	4.90	20.8	ug/kg	11/22/25 01:16	PB170688
12672-29-6	Aroclor-1248	20.8	U	1	7.20	20.8	ug/kg	11/22/25 01:16	PB170688
11097-69-1	Aroclor-1254	20.8	U	1	3.90	20.8	ug/kg	11/22/25 01:16	PB170688
37324-23-5	Aroclor-1262	20.8	U	1	6.10	20.8	ug/kg	11/22/25 01:16	PB170688
11100-14-4	Aroclor-1268	20.8	U	1	4.40	20.8	ug/kg	11/22/25 01:16	PB170688
11096-82-5	Aroclor-1260	1100	E	1	3.90	20.8	ug/kg	11/22/25 01:16	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.9			21 - 165	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			10 - 170	97%	SPK: 20		

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\PO112125\
Data File : PO115354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 01:16
Operator : YP/AJ
Sample : Q3694-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AM1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:58:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	161.0E6	100.2E6	22.872	22.423	
2)	SA Decachlor...	9.919	8.630	85200591	75360417	19.275	19.304	
	Target Compounds							
31)	L7 AR-1260-1	7.064	6.198	681.2E6	585.8E6	2228.754	1978.363	
32)	L7 AR-1260-2	7.317	6.385	1102.7E6	921.3E6	2785.359	2142.434	
33)	L7 AR-1260-3	7.675	6.538	919.5E6	699.4E6	2771.213	1991.784	#
34)	L7 AR-1260-4	7.896	7.008	853.5E6	706.6E6	2798.115	2331.928	
35)	L7 AR-1260-5	8.202	7.249	1945.9E6	2022.0E6	2728.404	2461.026	

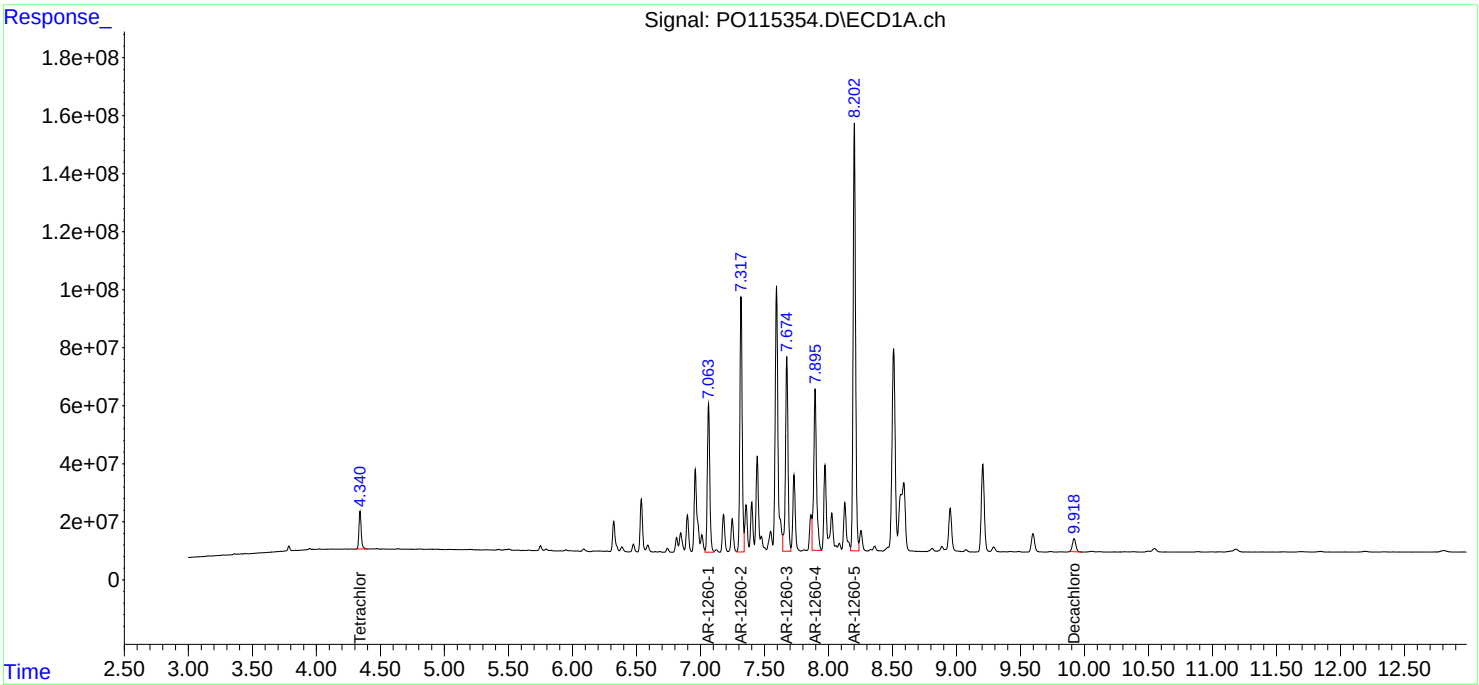
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

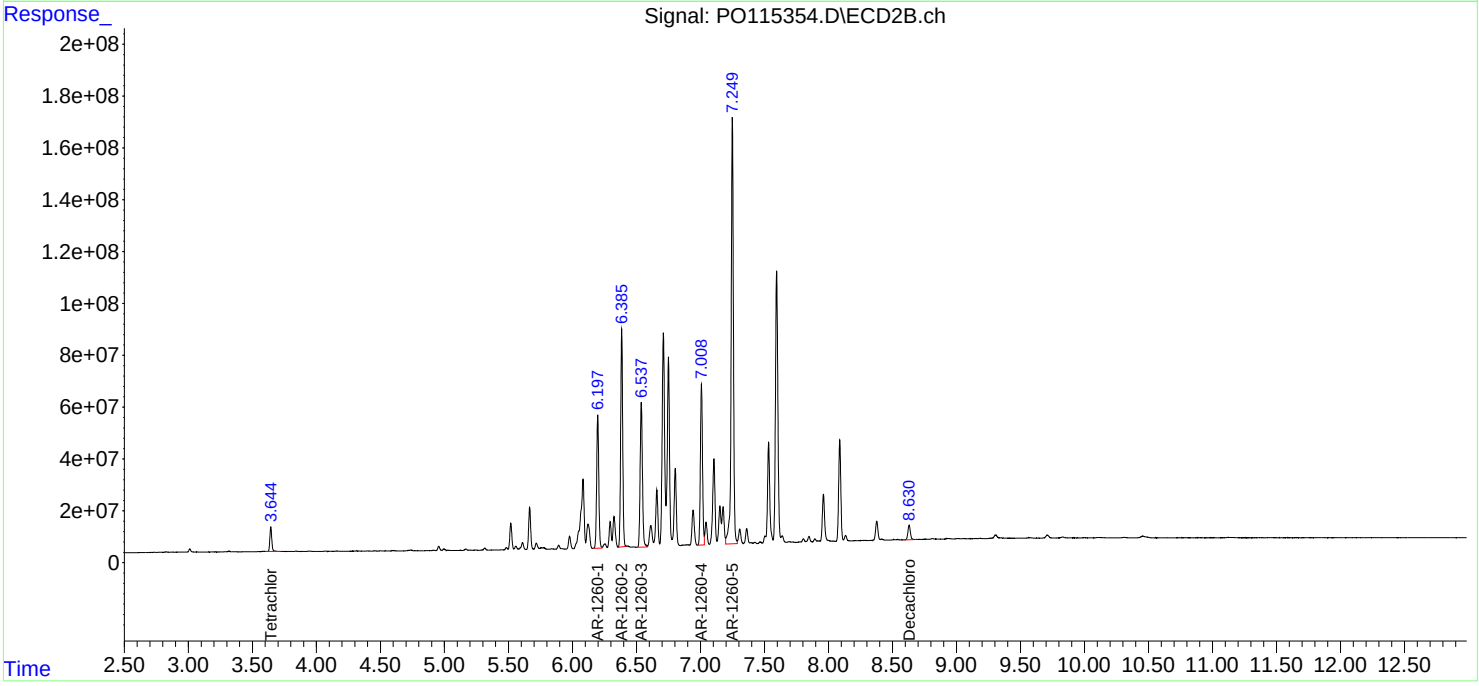
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 01:16
Operator : YP/AJ
Sample : Q3694-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

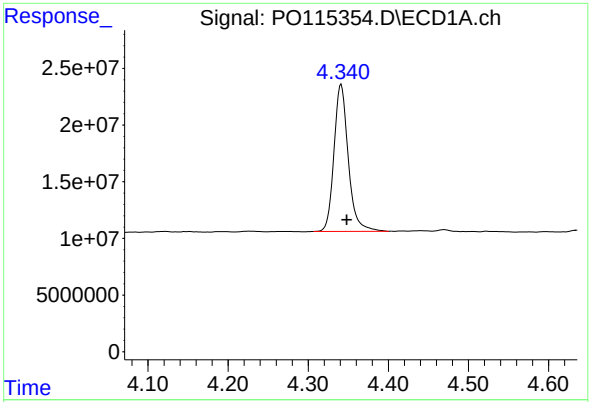
Instrument :
ECD_O
ClientSampleId :
C0AM1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:58:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



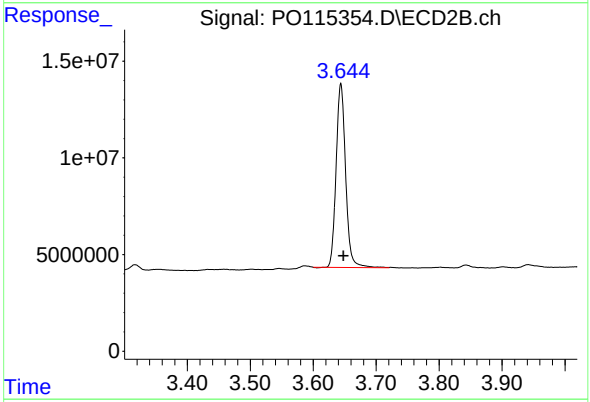




#1 Tetrachloro-m-xylene

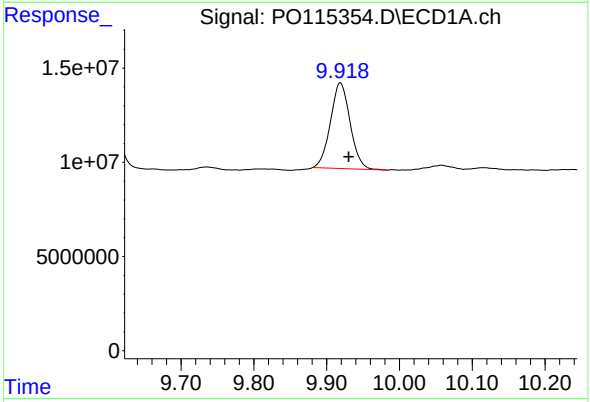
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 160975651
Conc: 22.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM1



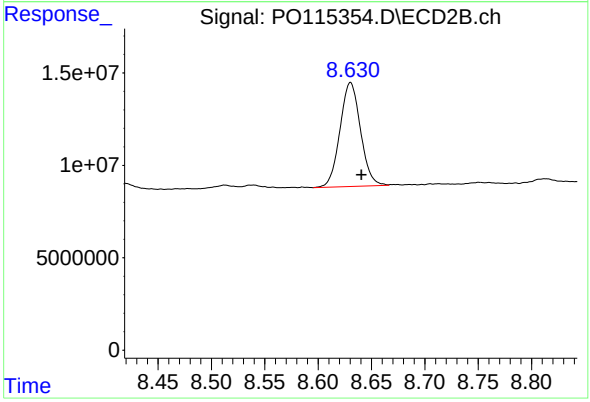
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 100159889
Conc: 22.42 ng/ml



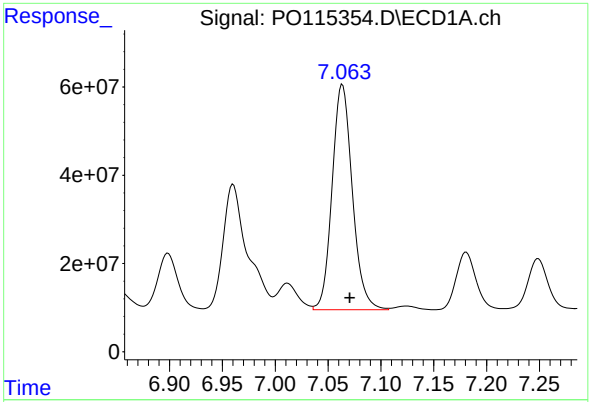
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 85200591
Conc: 19.28 ng/ml



#2 Decachlorobiphenyl

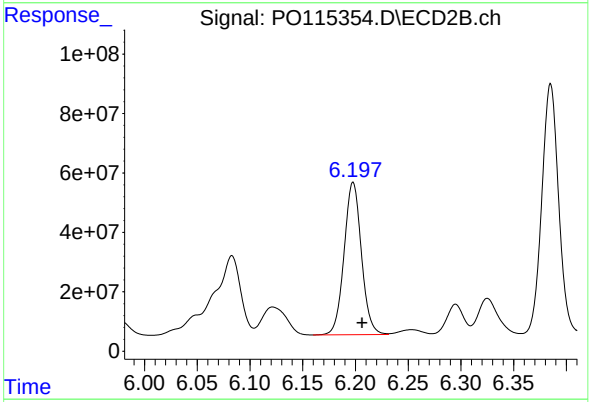
R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 75360417
Conc: 19.30 ng/ml



#31 AR-1260-1

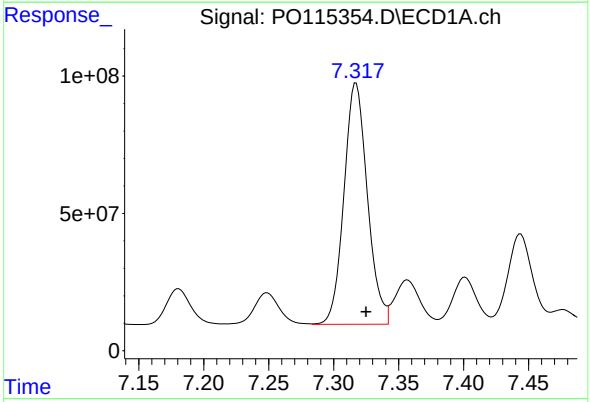
R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 681181611
Conc: 2228.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM1



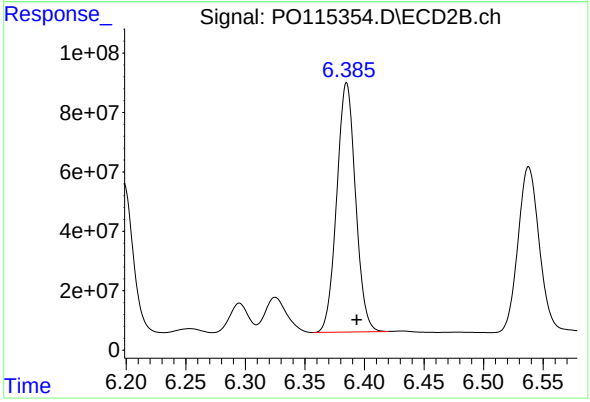
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.008 min
Response: 585808181
Conc: 1978.36 ng/ml



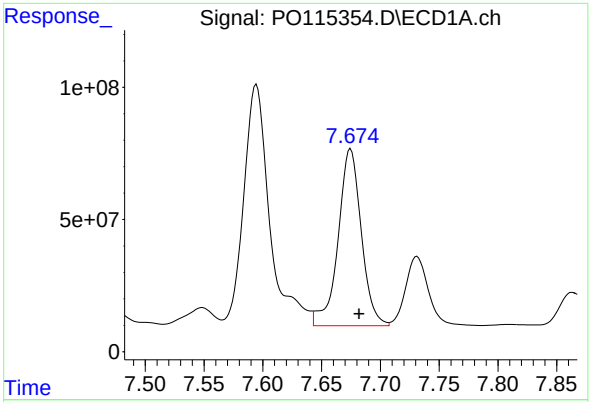
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 1102660250
Conc: 2785.36 ng/ml



#32 AR-1260-2

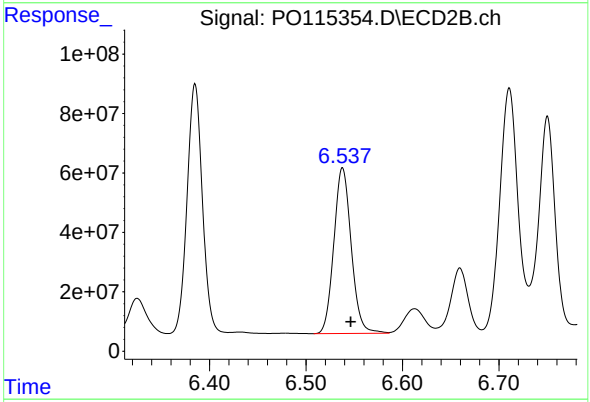
R.T.: 6.385 min
Delta R.T.: -0.008 min
Response: 921313457
Conc: 2142.43 ng/ml



#33 AR-1260-3

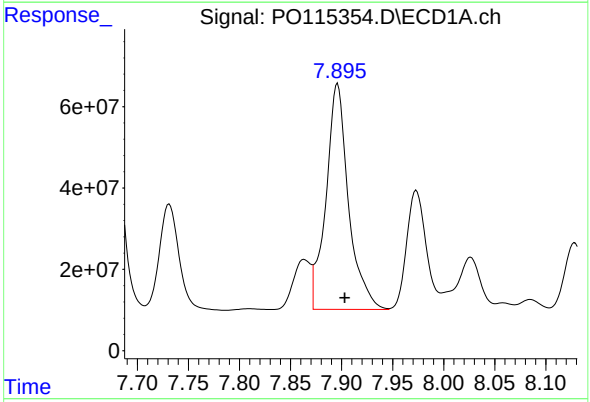
R.T.: 7.675 min
Delta R.T.: -0.007 min
Response: 919538399
Conc: 2771.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM1



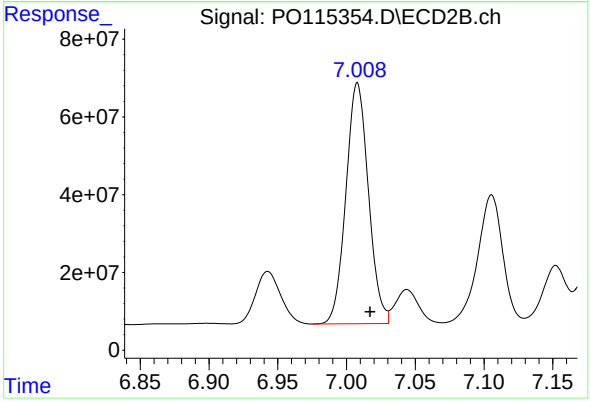
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.008 min
Response: 699417662
Conc: 1991.78 ng/ml



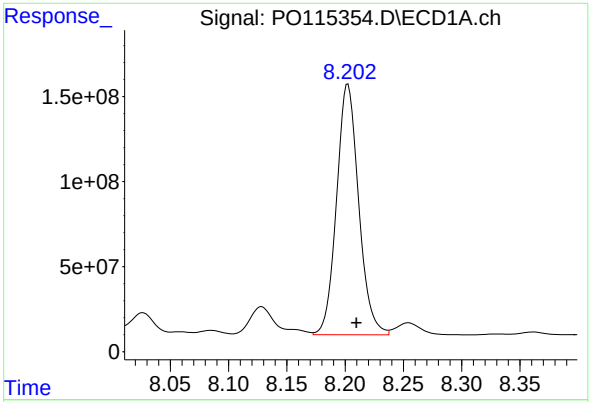
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 853481283
Conc: 2798.12 ng/ml



#34 AR-1260-4

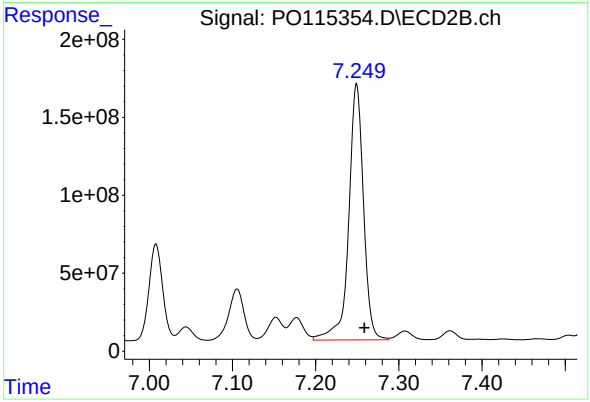
R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 706640959
Conc: 2331.93 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 1945948679
Conc: 2728.40 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AM1



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 2022047760
Conc: 2461.03 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AM1DL	SDG No.:	Q3694
Lab Sample ID:	Q3694-12DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.7
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	104	UD	5	24.1	104	ug/kg	11/25/25 16:28	PB170688
11104-28-2	Aroclor-1221	104	UD	5	24.6	104	ug/kg	11/25/25 16:28	PB170688
11141-16-5	Aroclor-1232	104	UD	5	22.7	104	ug/kg	11/25/25 16:28	PB170688
53469-21-9	Aroclor-1242	104	UD	5	24.5	104	ug/kg	11/25/25 16:28	PB170688
12672-29-6	Aroclor-1248	104	UD	5	36.2	104	ug/kg	11/25/25 16:28	PB170688
11097-69-1	Aroclor-1254	104	UD	5	19.6	104	ug/kg	11/25/25 16:28	PB170688
37324-23-5	Aroclor-1262	104	UD	5	30.7	104	ug/kg	11/25/25 16:28	PB170688
11100-14-4	Aroclor-1268	104	UD	5	22.0	104	ug/kg	11/25/25 16:28	PB170688
11096-82-5	Aroclor-1260	1000	D	5	19.7	104	ug/kg	11/25/25 16:28	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.2			21 - 165	111%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.1			10 - 170	95%	SPK: 20		

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\PO112525\
Data File : PO115410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 16:28
Operator : YP/AJ
Sample : Q3694-12DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AM1DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 04:00:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.338	3.641	31223610	19613286	4.436	4.391
2)	SA Decachlor...	9.913	8.626	15577352	14858361	3.524	3.806
	Target Compounds						
31)	L7 AR-1260-1	7.060	6.194	130.8E6	117.6E6	428.091	397.190
32)	L7 AR-1260-2	7.314	6.382	209.3E6	178.5E6	528.621	415.100
33)	L7 AR-1260-3	7.672	6.534	174.8E6	135.0E6	526.793	384.347 #
34)	L7 AR-1260-4	7.893	7.005	164.0E6	133.3E6	537.686	439.816
35)	L7 AR-1260-5	8.199	7.246	352.2E6	364.3E6	493.849	443.437

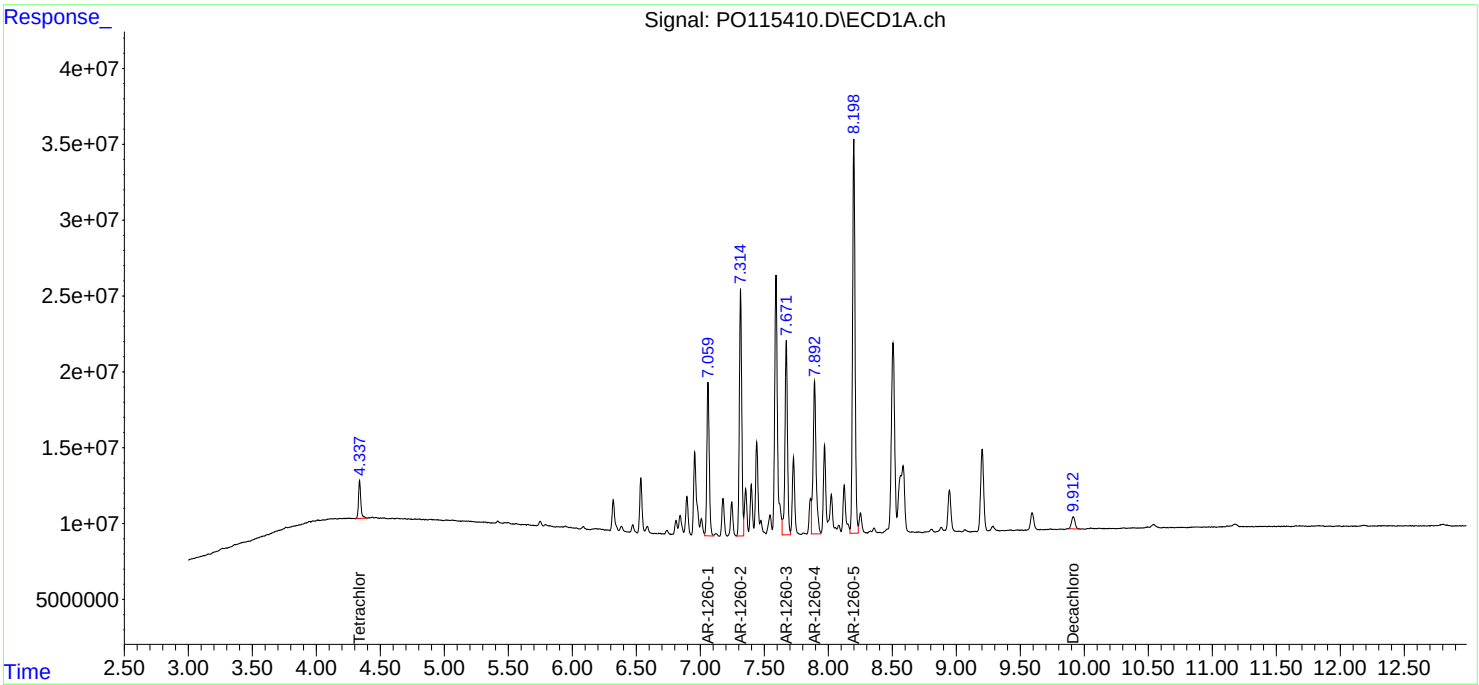
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

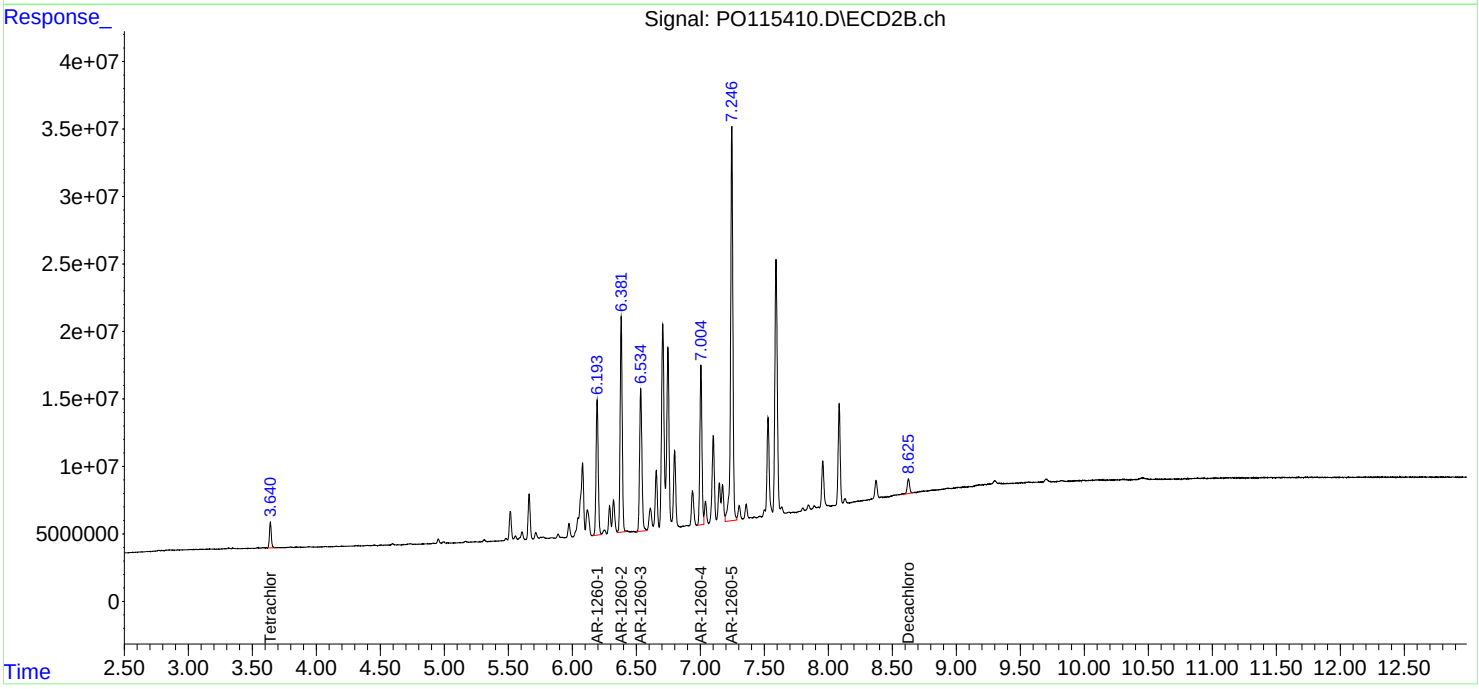
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 16:28
Operator : YP/AJ
Sample : Q3694-12DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

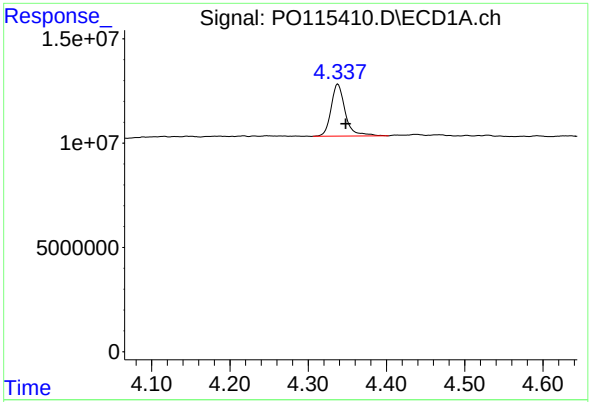
Instrument :
ECD_O
ClientSampleId :
C0AM1DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 04:00:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



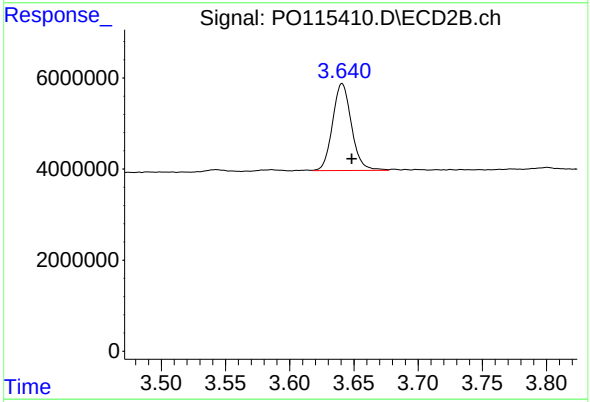




#1 Tetrachloro-m-xylene

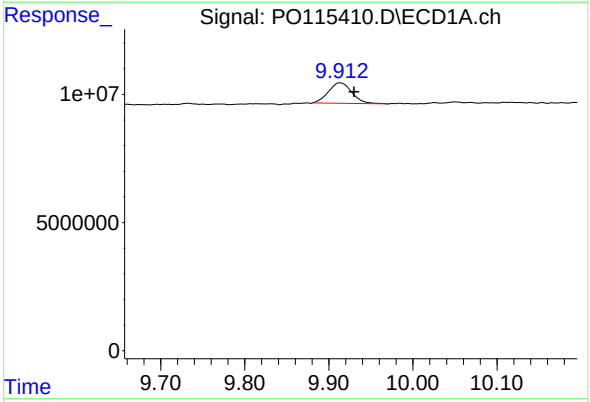
R.T.: 4.338 min
Delta R.T.: -0.010 min
Response: 31223610
Conc: 4.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM1DL



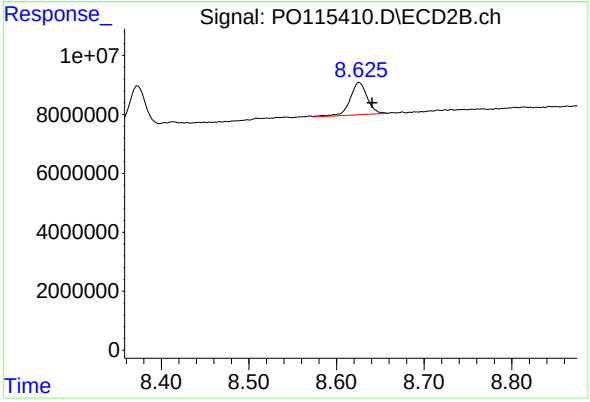
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: -0.007 min
Response: 19613286
Conc: 4.39 ng/ml



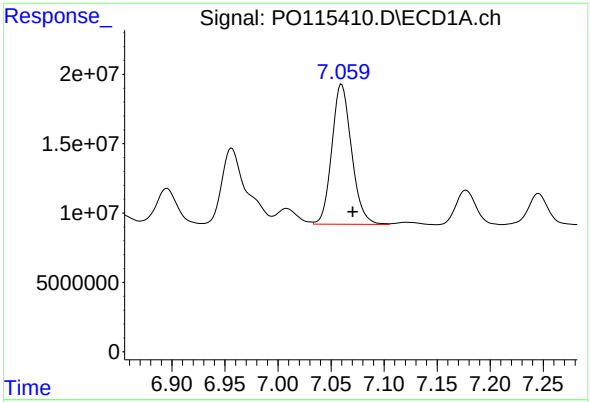
#2 Decachlorobiphenyl

R.T.: 9.913 min
Delta R.T.: -0.017 min
Response: 15577352
Conc: 3.52 ng/ml



#2 Decachlorobiphenyl

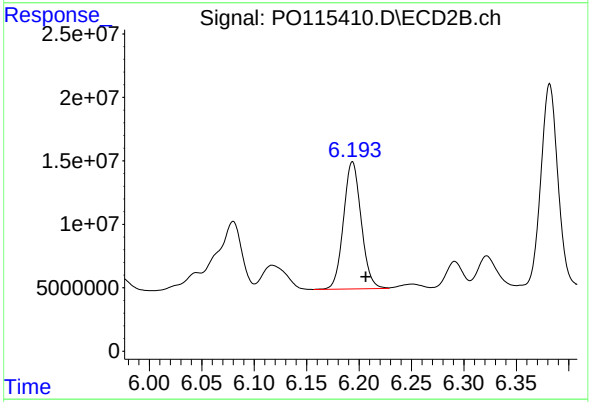
R.T.: 8.626 min
Delta R.T.: -0.015 min
Response: 14858361
Conc: 3.81 ng/ml



#31 AR-1260-1

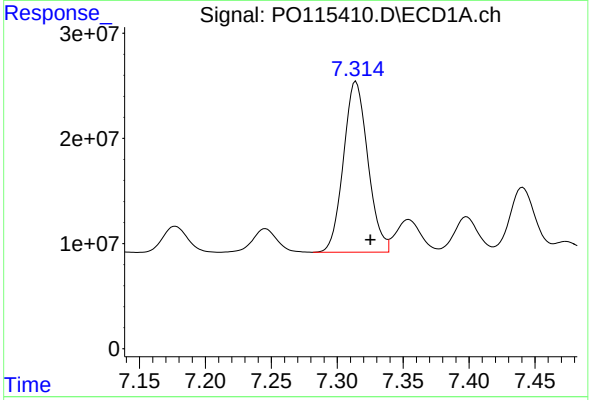
R.T.: 7.060 min
Delta R.T.: -0.011 min
Response: 130838965
Conc: 428.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM1DL



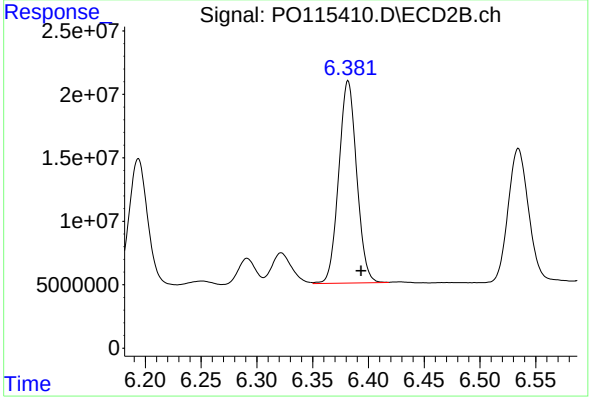
#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.013 min
Response: 117610902
Conc: 397.19 ng/ml



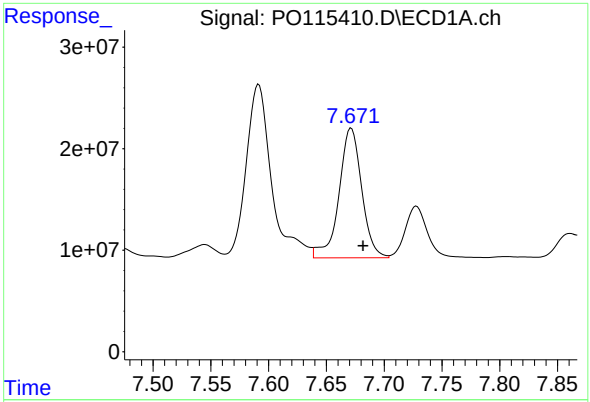
#32 AR-1260-2

R.T.: 7.314 min
Delta R.T.: -0.011 min
Response: 209269126
Conc: 528.62 ng/ml



#32 AR-1260-2

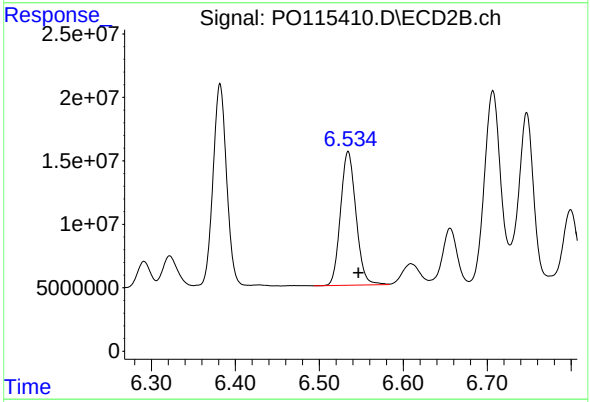
R.T.: 6.382 min
Delta R.T.: -0.012 min
Response: 178505817
Conc: 415.10 ng/ml



#33 AR-1260-3

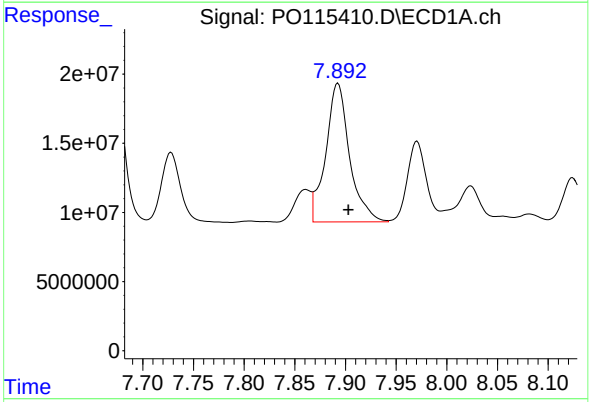
R.T.: 7.672 min
Delta R.T.: -0.010 min
Response: 174799532
Conc: 526.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM1DL



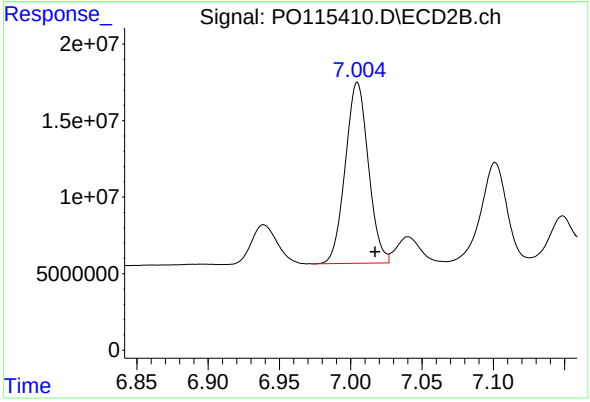
#33 AR-1260-3

R.T.: 6.534 min
Delta R.T.: -0.012 min
Response: 134963838
Conc: 384.35 ng/ml



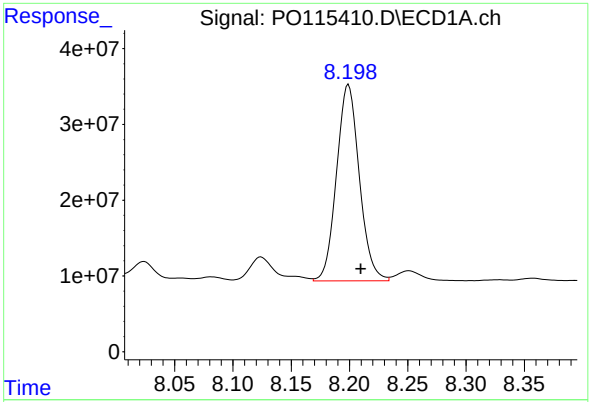
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 164005082
Conc: 537.69 ng/ml



#34 AR-1260-4

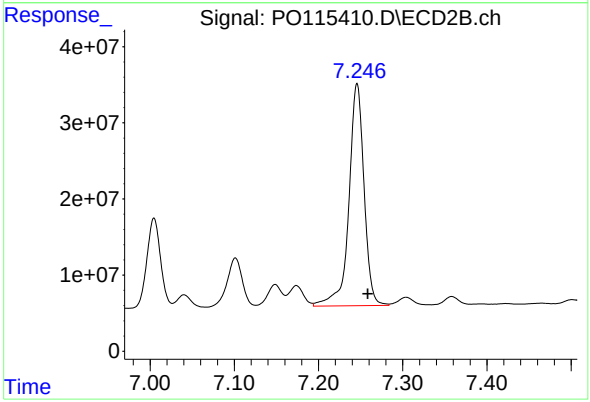
R.T.: 7.005 min
Delta R.T.: -0.012 min
Response: 133276904
Conc: 439.82 ng/ml



#35 AR-1260-5

R.T.: 8.199 min
Delta R.T.: -0.010 min
Response: 352222052
Conc: 493.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM1DL



#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.013 min
Response: 364340073
Conc: 443.44 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/19/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AM2	SDG No.:	Q3694
Lab Sample ID:	Q3694-13	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	75.6
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	22.4	U	1	5.20	22.4	ug/kg	11/22/25 04:39	PB170688
11104-28-2	Aroclor-1221	22.4	U	1	5.30	22.4	ug/kg	11/22/25 04:39	PB170688
11141-16-5	Aroclor-1232	22.4	U	1	4.90	22.4	ug/kg	11/22/25 04:39	PB170688
53469-21-9	Aroclor-1242	22.4	U	1	5.30	22.4	ug/kg	11/22/25 04:39	PB170688
12672-29-6	Aroclor-1248	22.4	U	1	7.80	22.4	ug/kg	11/22/25 04:39	PB170688
11097-69-1	Aroclor-1254	22.4	U	1	4.20	22.4	ug/kg	11/22/25 04:39	PB170688
37324-23-5	Aroclor-1262	22.4	U	1	6.60	22.4	ug/kg	11/22/25 04:39	PB170688
11100-14-4	Aroclor-1268	22.4	U	1	4.70	22.4	ug/kg	11/22/25 04:39	PB170688
11096-82-5	Aroclor-1260	63.6		1	4.30	22.4	ug/kg	11/22/25 04:39	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.1			21 - 165	131%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.4			10 - 170	112%	SPK: 20		

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\PO112125\
Data File : PO115360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 04:39
Operator : YP/AJ
Sample : Q3694-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AM2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:58:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	183.7E6	115.6E6	26.104	25.881
2)	SA Decachlor...	9.918	8.630	98933909	86397126	22.382	22.131
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.197	45089590	43890173	147.528	148.224
32)	L7 AR-1260-2	7.317	6.385	61381093	57726506	155.051	134.238
33)	L7 AR-1260-3	7.675	6.537	45583362	46581231	137.375	132.653
34)	L7 AR-1260-4	7.896	7.008	47151209	37651877	154.584	124.252
35)	L7 AR-1260-5	8.202	7.249	91732454	95037197	128.618	115.669

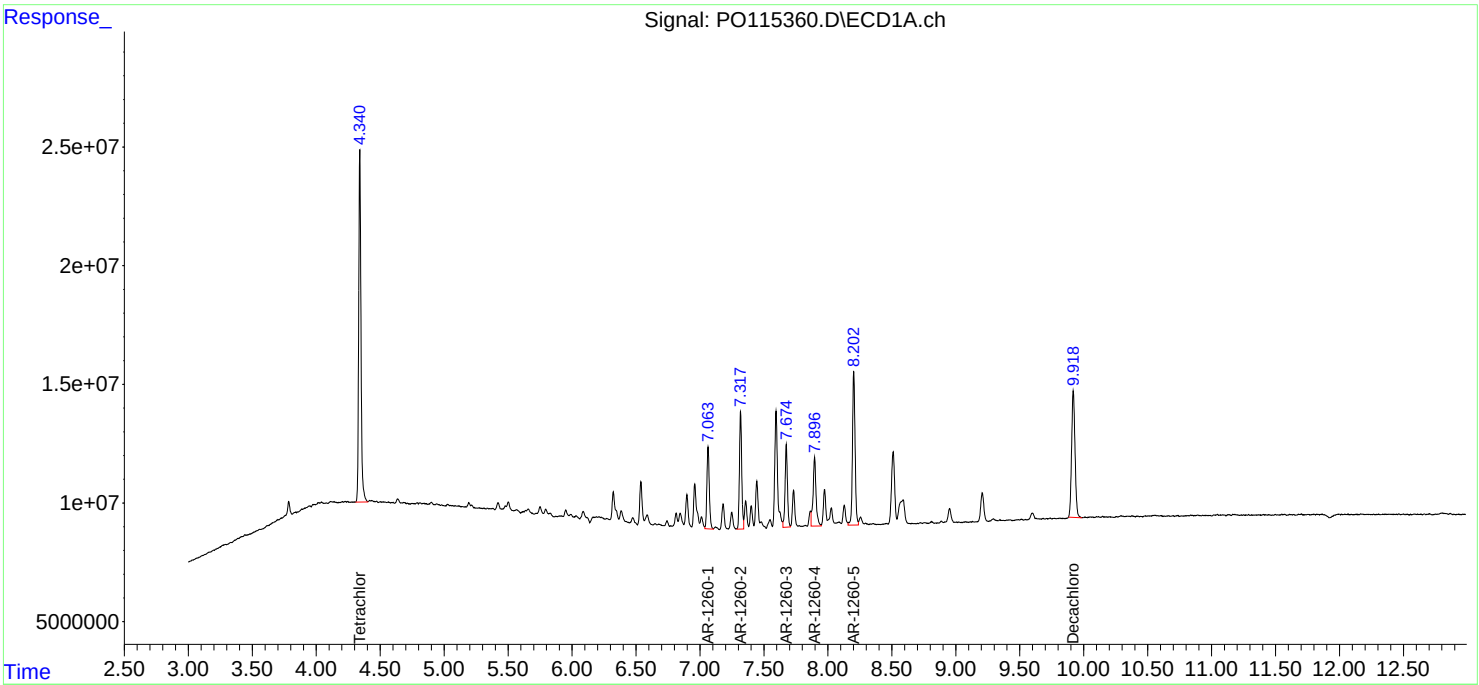
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

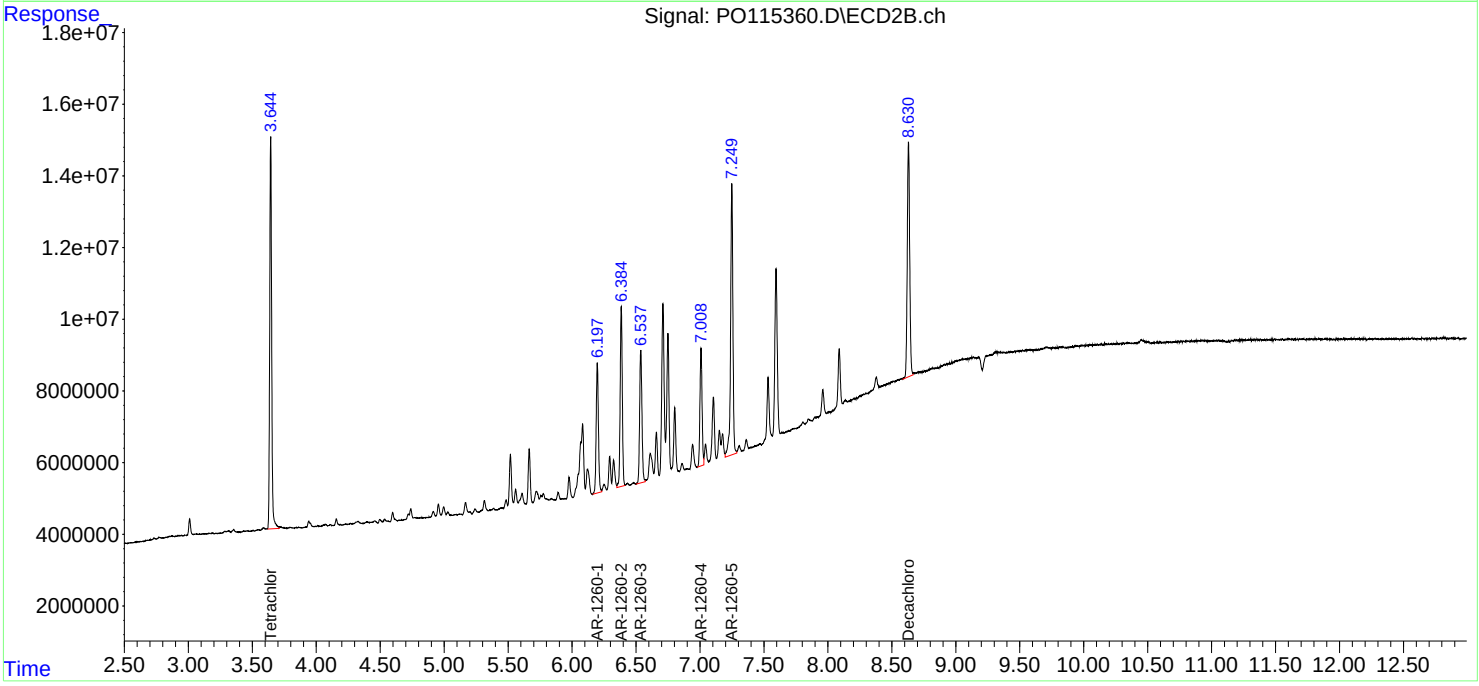
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 04:39
Operator : YP/AJ
Sample : Q3694-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

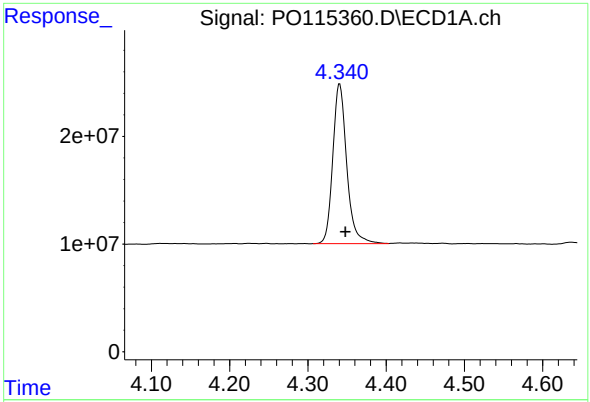
Instrument :
ECD_O
ClientSampleId :
C0AM2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:58:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



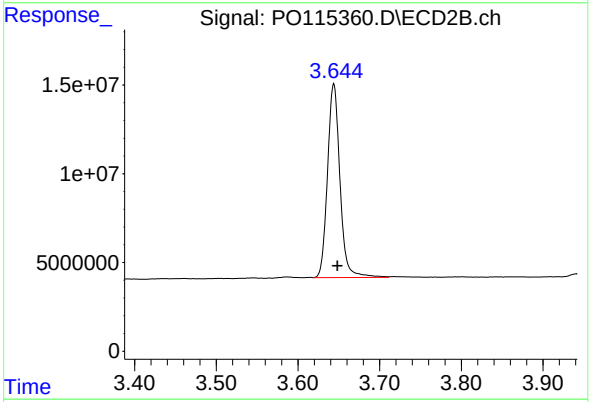




#1 Tetrachloro-m-xylene

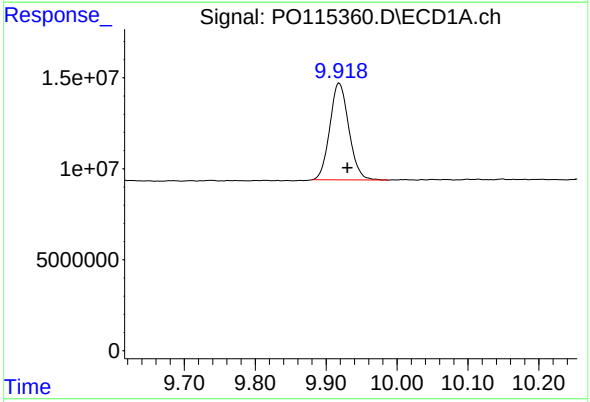
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 183726108
Conc: 26.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM2



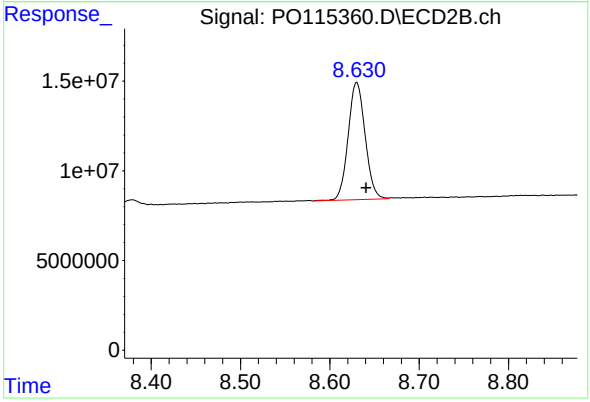
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 115603301
Conc: 25.88 ng/ml



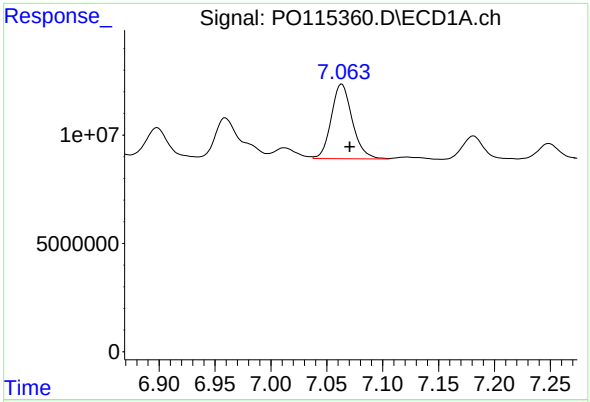
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 98933909
Conc: 22.38 ng/ml



#2 Decachlorobiphenyl

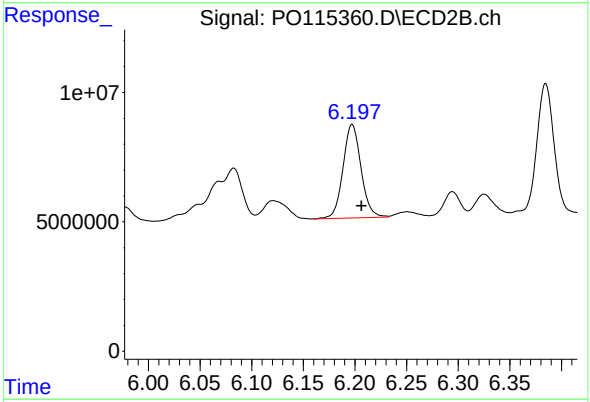
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 86397126
Conc: 22.13 ng/ml



#31 AR-1260-1

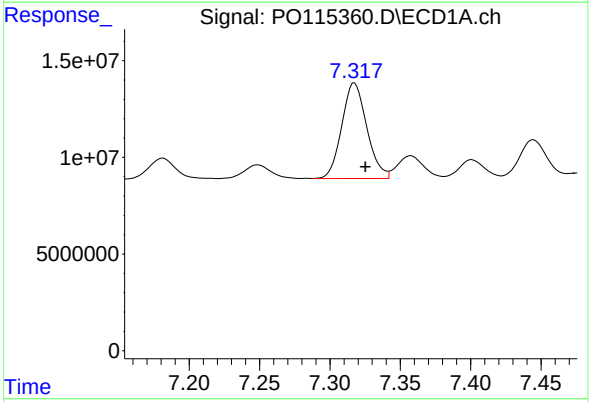
R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 45089590
Conc: 147.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM2



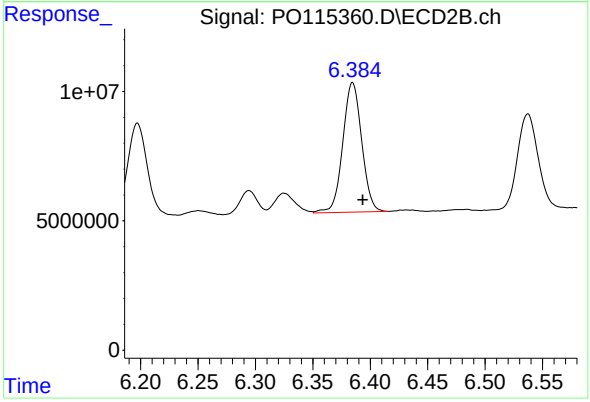
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 43890173
Conc: 148.22 ng/ml



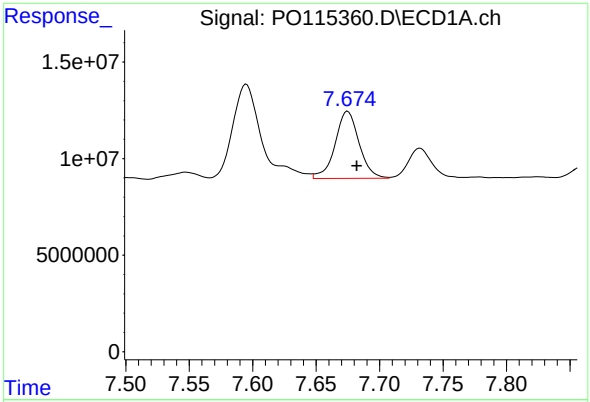
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 61381093
Conc: 155.05 ng/ml



#32 AR-1260-2

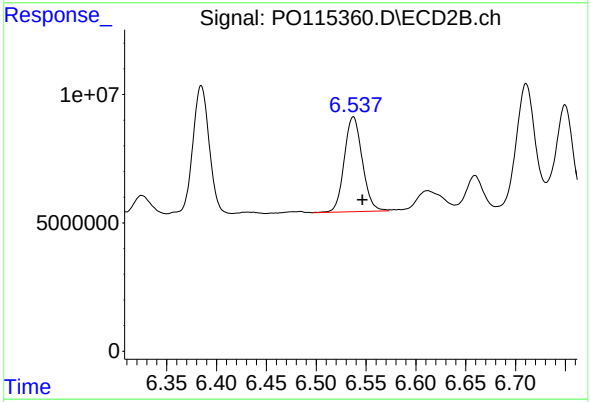
R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 57726506
Conc: 134.24 ng/ml



#33 AR-1260-3

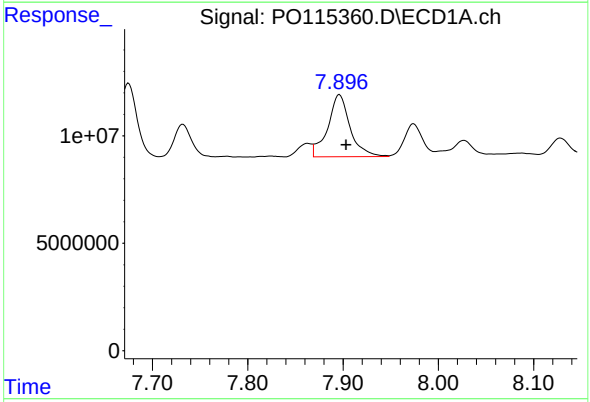
R.T.: 7.675 min
Delta R.T.: -0.007 min
Response: 45583362
Conc: 137.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM2



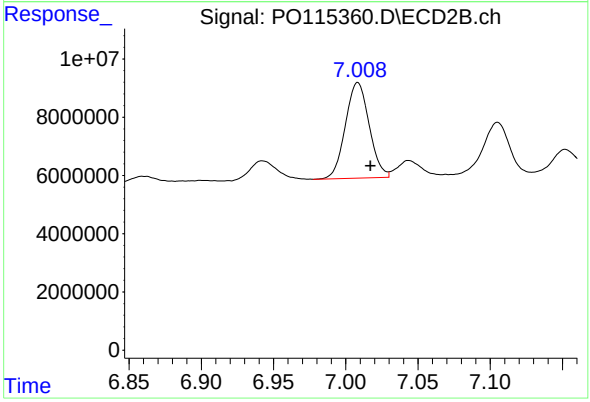
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 46581231
Conc: 132.65 ng/ml



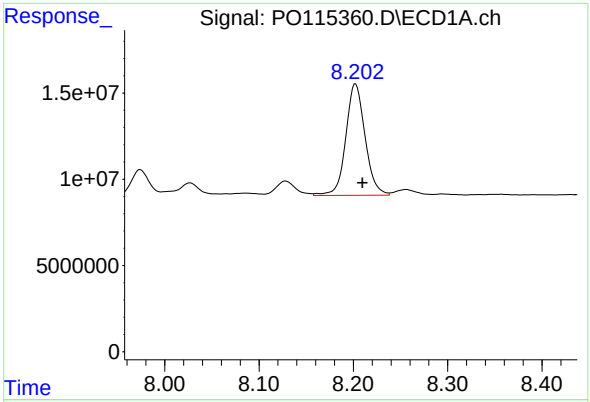
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 47151209
Conc: 154.58 ng/ml



#34 AR-1260-4

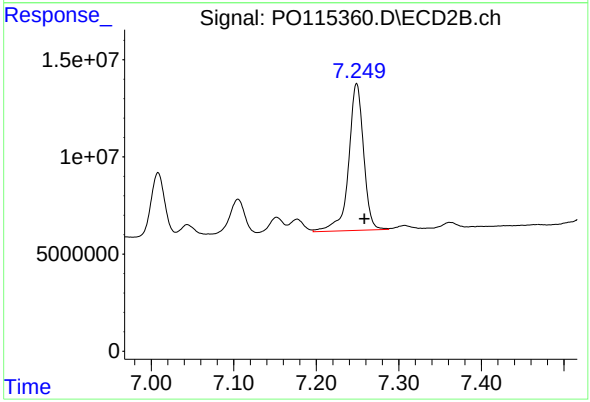
R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 37651877
Conc: 124.25 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 91732454
Conc: 128.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM2



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 95037197
Conc: 115.67 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/19/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AM3	SDG No.:	Q3694
Lab Sample ID:	Q3694-14	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	76.4
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	22.2	U	1	5.20	22.2	ug/kg	11/22/25 04:57	PB170688
11104-28-2	Aroclor-1221	22.2	U	1	5.30	22.2	ug/kg	11/22/25 04:57	PB170688
11141-16-5	Aroclor-1232	22.2	U	1	4.90	22.2	ug/kg	11/22/25 04:57	PB170688
53469-21-9	Aroclor-1242	22.2	U	1	5.20	22.2	ug/kg	11/22/25 04:57	PB170688
12672-29-6	Aroclor-1248	22.2	U	1	7.70	22.2	ug/kg	11/22/25 04:57	PB170688
11097-69-1	Aroclor-1254	22.2	U	1	4.20	22.2	ug/kg	11/22/25 04:57	PB170688
37324-23-5	Aroclor-1262	22.2	U	1	6.60	22.2	ug/kg	11/22/25 04:57	PB170688
11100-14-4	Aroclor-1268	22.2	U	1	4.70	22.2	ug/kg	11/22/25 04:57	PB170688
11096-82-5	Aroclor-1260	28.0		1	4.20	22.2	ug/kg	11/22/25 04:57	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.5			21 - 165	108%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.8			10 - 170	84%	SPK: 20		

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\PO112125\
Data File : PO115361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 04:57
Operator : YP/AJ
Sample : Q3694-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AM3

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:59:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	151.6E6	95257332	21.540	21.326
2)	SA Decachlor...	9.921	8.630	73907641	65454209	16.720	16.767
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.197	19234017	19210212	62.932	64.876
32)	L7 AR-1260-2	7.318	6.385	26989525	26704585	68.177	62.099
33)	L7 AR-1260-3	7.676	6.537	21708311	19743686	65.422	56.226
34)	L7 AR-1260-4	7.895	7.008	20569882	14956855	67.438m	49.358 #
35)	L7 AR-1260-5	8.203	7.249	41017149	41707571	57.510	50.762

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

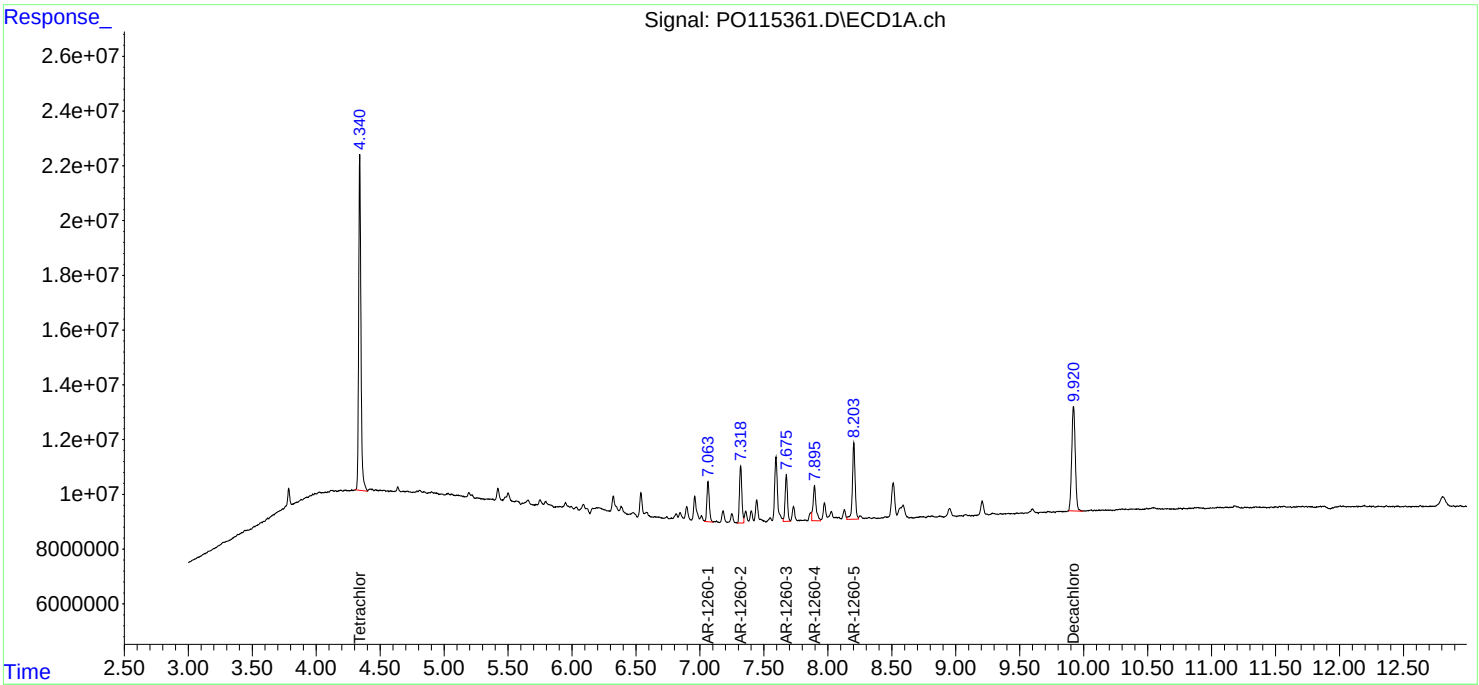
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 04:57
Operator : YP/AJ
Sample : Q3694-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

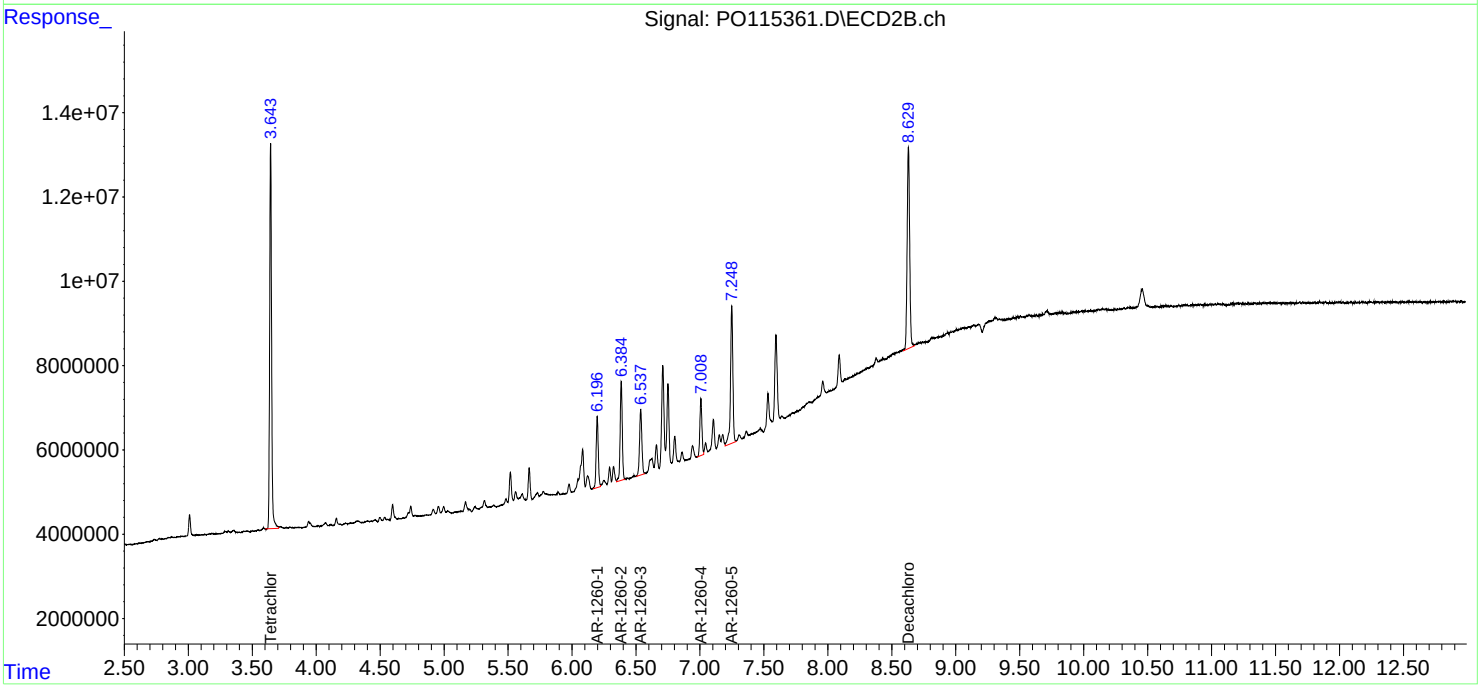
Instrument :
ECD_O
ClientSampleId :
C0AM3

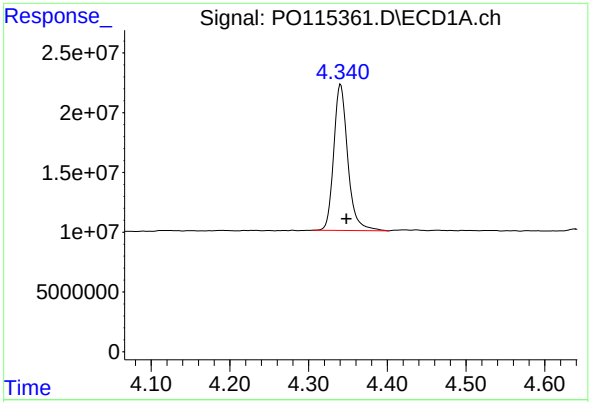
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:59:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







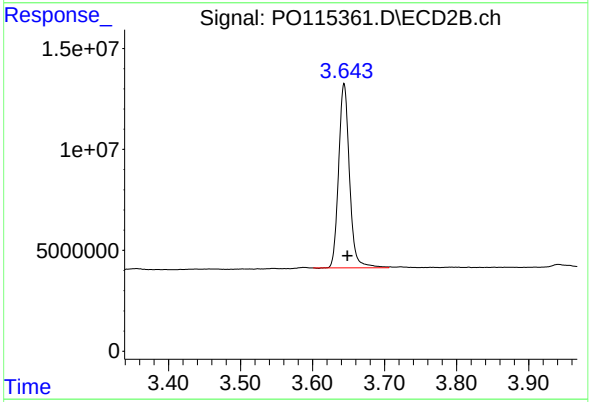
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 151601912
Conc: 21.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM3

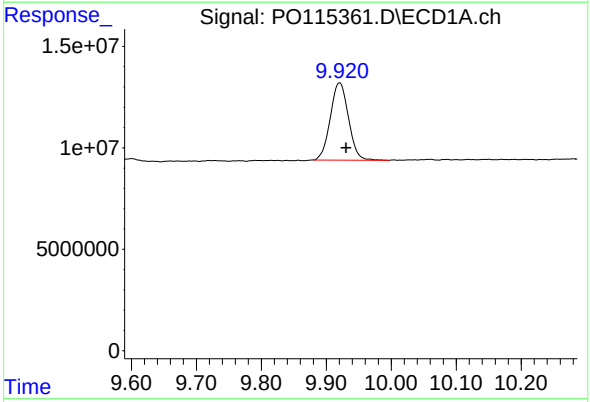
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



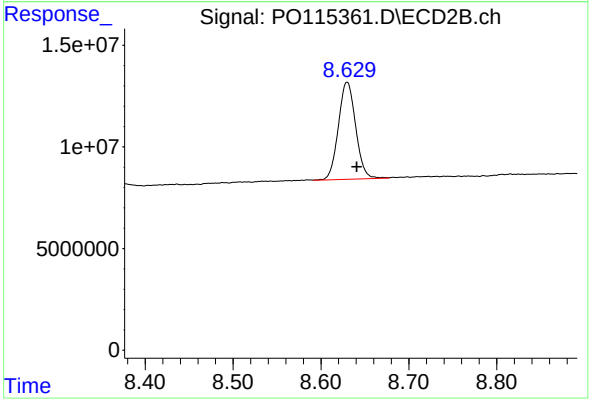
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 95257332
Conc: 21.33 ng/ml



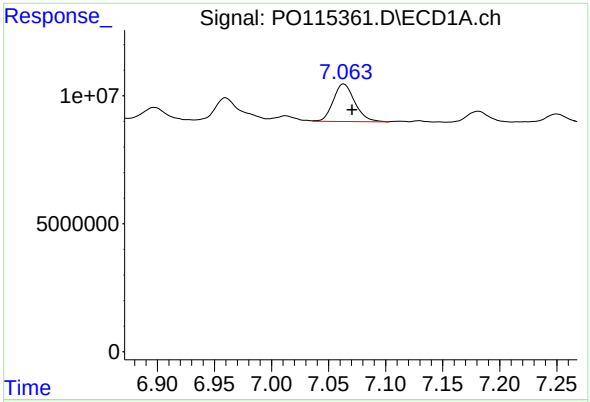
#2 Decachlorobiphenyl

R.T.: 9.921 min
Delta R.T.: -0.009 min
Response: 73907641
Conc: 16.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 65454209
Conc: 16.77 ng/ml



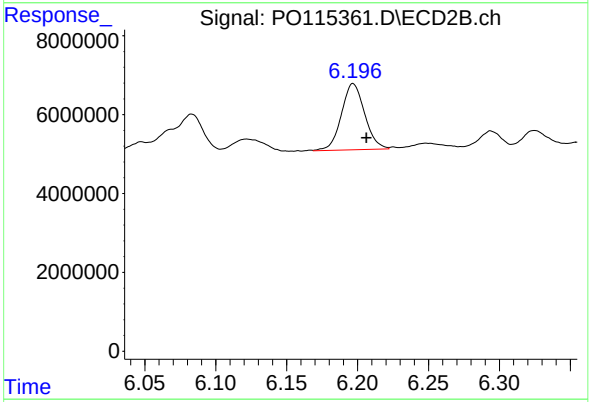
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 19234017
Conc: 62.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM3

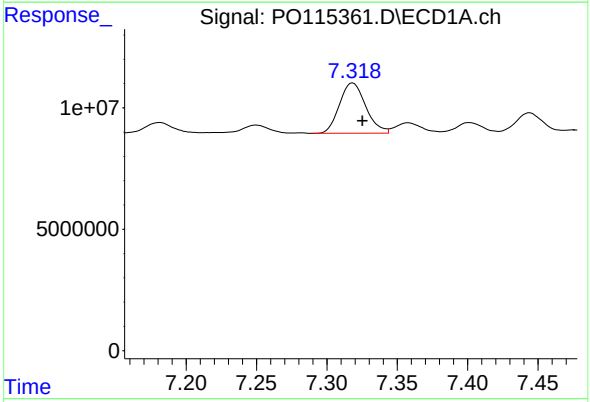
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



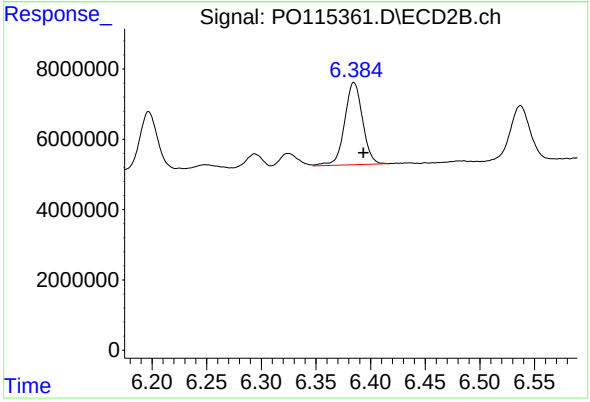
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 19210212
Conc: 64.88 ng/ml



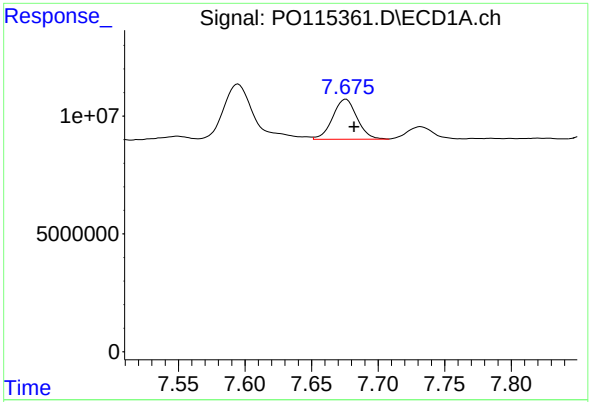
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 26989525
Conc: 68.18 ng/ml



#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 26704585
Conc: 62.10 ng/ml



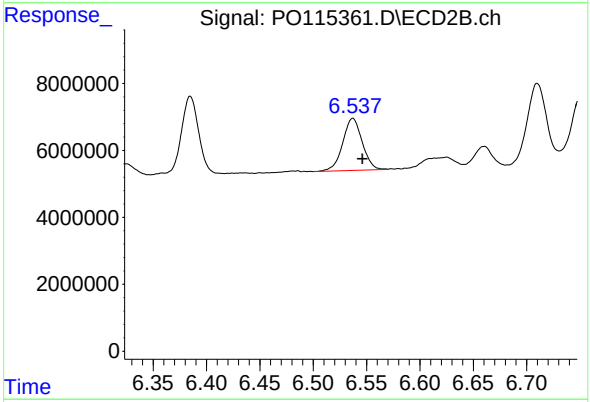
#33 AR-1260-3

R.T.: 7.676 min
Delta R.T.: -0.006 min
Response: 21708311
Conc: 65.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM3

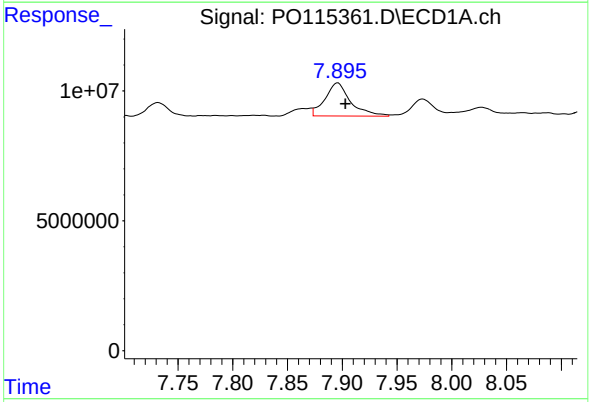
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



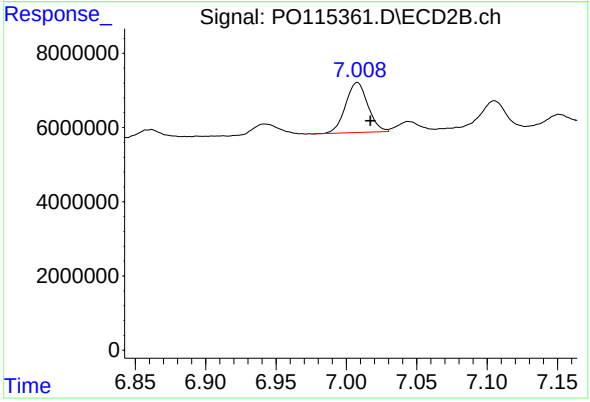
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 19743686
Conc: 56.23 ng/ml



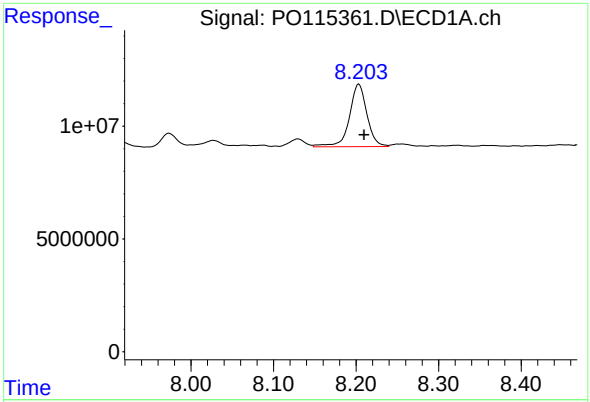
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 20569882
Conc: 67.44 ng/ml m



#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 14956855
Conc: 49.36 ng/ml



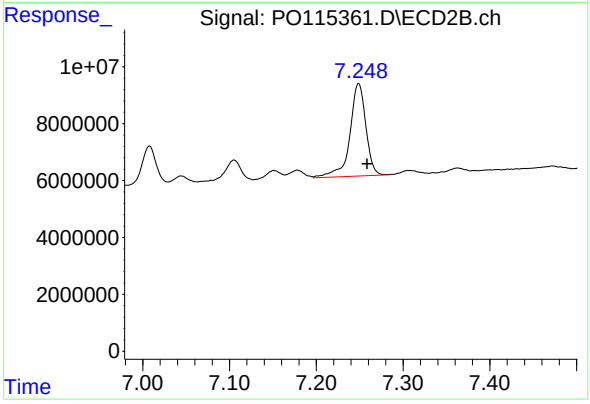
#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.006 min
Response: 41017149
Conc: 57.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 41707571
Conc: 50.76 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/19/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AM4	SDG No.:	Q3694
Lab Sample ID:	Q3694-15	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	75
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	22.6	U	1	5.30	22.6	ug/kg	11/22/25 05:15	PB170688
11104-28-2	Aroclor-1221	22.6	U	1	5.40	22.6	ug/kg	11/22/25 05:15	PB170688
11141-16-5	Aroclor-1232	22.6	U	1	4.90	22.6	ug/kg	11/22/25 05:15	PB170688
53469-21-9	Aroclor-1242	22.6	U	1	5.30	22.6	ug/kg	11/22/25 05:15	PB170688
12672-29-6	Aroclor-1248	22.6	U	1	7.90	22.6	ug/kg	11/22/25 05:15	PB170688
11097-69-1	Aroclor-1254	22.6	U	1	4.30	22.6	ug/kg	11/22/25 05:15	PB170688
37324-23-5	Aroclor-1262	22.6	U	1	6.70	22.6	ug/kg	11/22/25 05:15	PB170688
11100-14-4	Aroclor-1268	22.6	U	1	4.80	22.6	ug/kg	11/22/25 05:15	PB170688
11096-82-5	Aroclor-1260	13.7	J	1	4.30	22.6	ug/kg	11/22/25 05:15	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.9			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.1			10 - 170	96%	SPK: 20		

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\PO112125\
Data File : PO115362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 05:15
Operator : YP/AJ
Sample : Q3694-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AM4

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:59:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	154.0E6	96467248	21.883	21.597
2)	SA Decachlor...	9.920	8.630	83667949	74597148	18.928	19.109
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.197	11434402	9567736	37.412	32.312m
32)	L7 AR-1260-2	7.318	6.385	11533429	25035662	29.134	58.218m#
33)	L7 AR-1260-3	7.674	6.537	8330278	8445900	25.105	24.052
34)	L7 AR-1260-4	7.894	7.008	10819628	6260600	35.472m	20.660 #
35)	L7 AR-1260-5	8.202	7.249	18014177	15698132	25.258	19.106

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

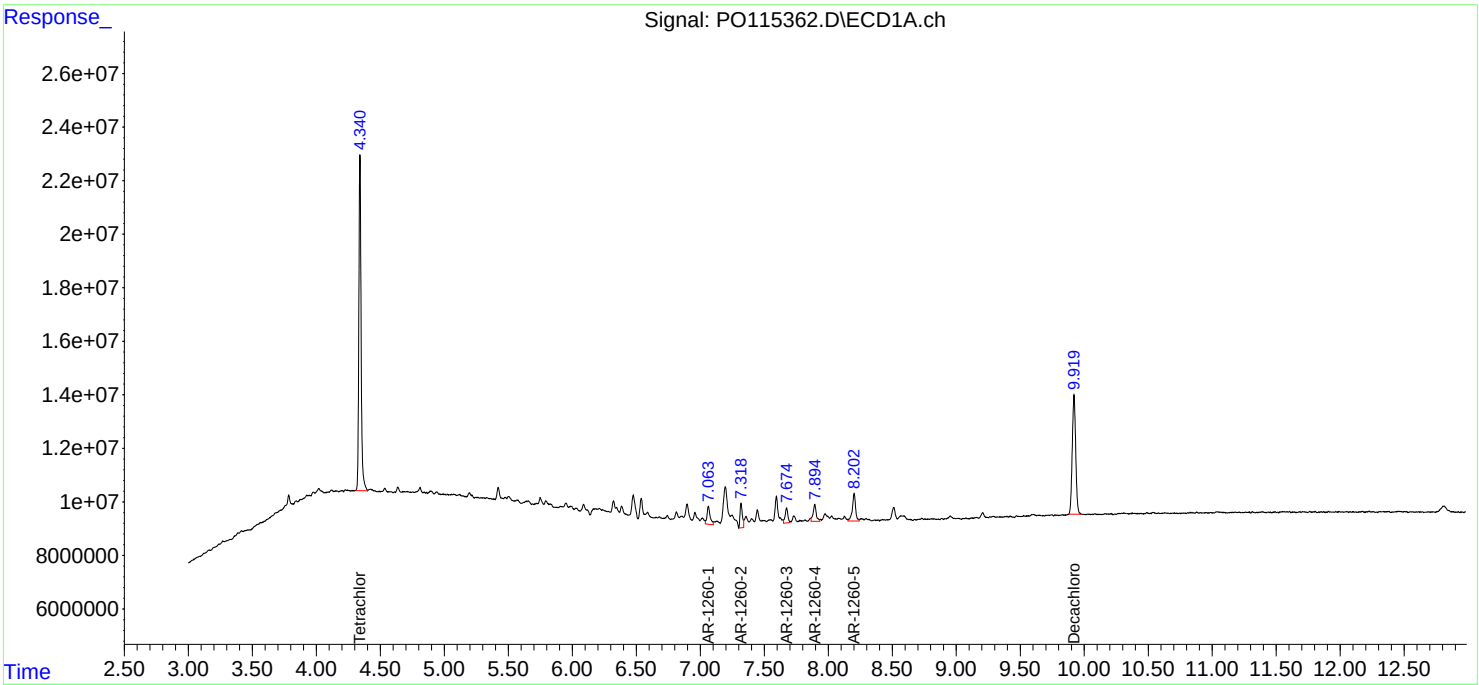
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 05:15
Operator : YP/AJ
Sample : Q3694-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

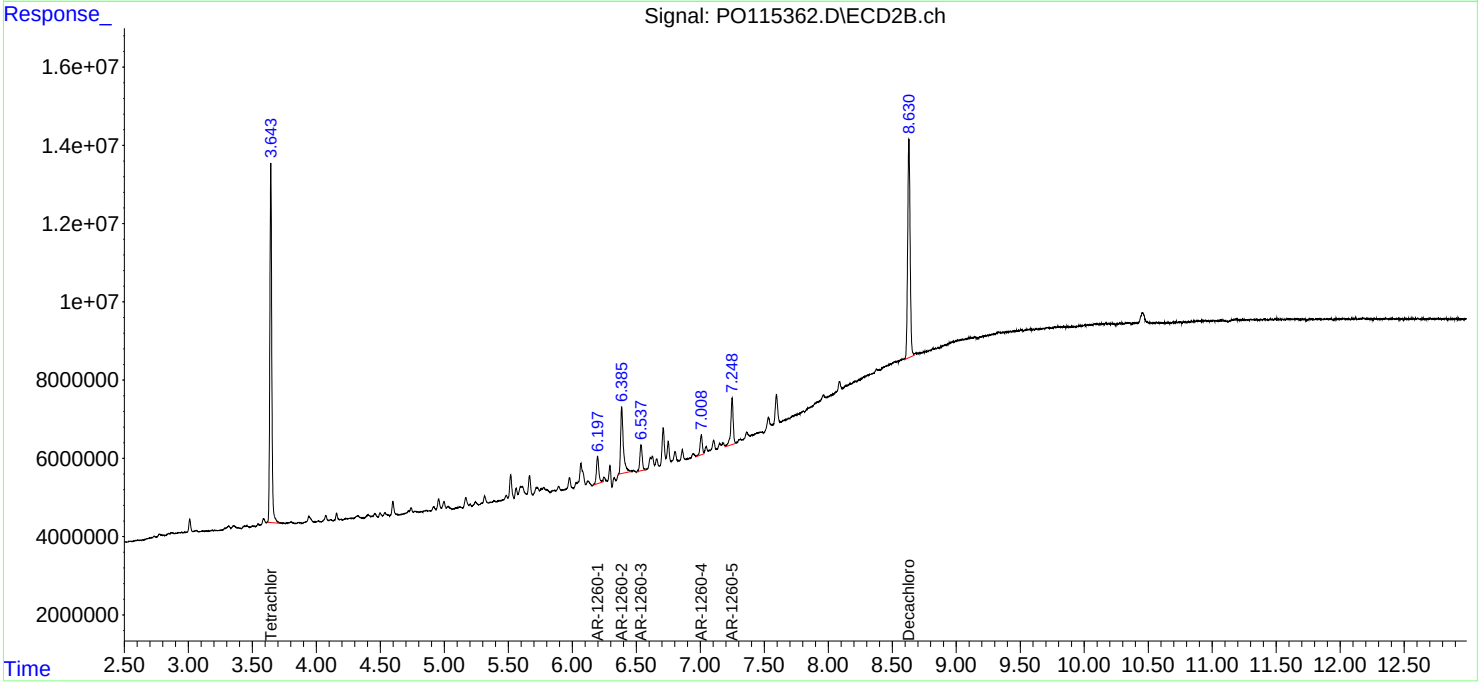
Instrument :
ECD_O
ClientSampleId :
C0AM4

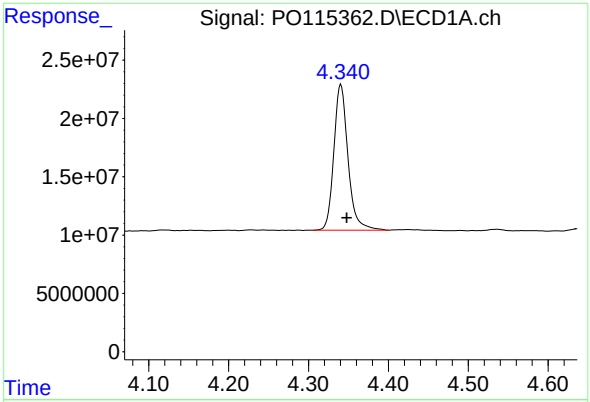
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:59:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







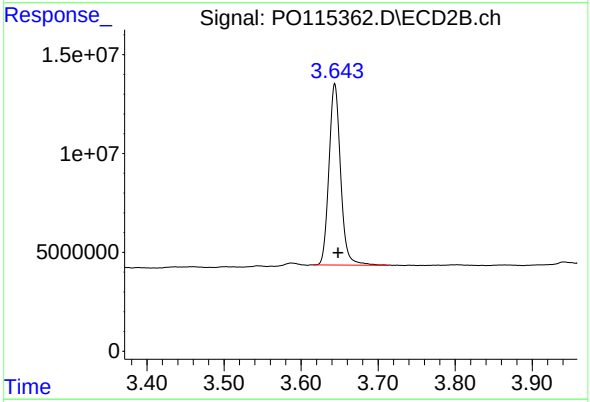
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 154013726
Conc: 21.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM4

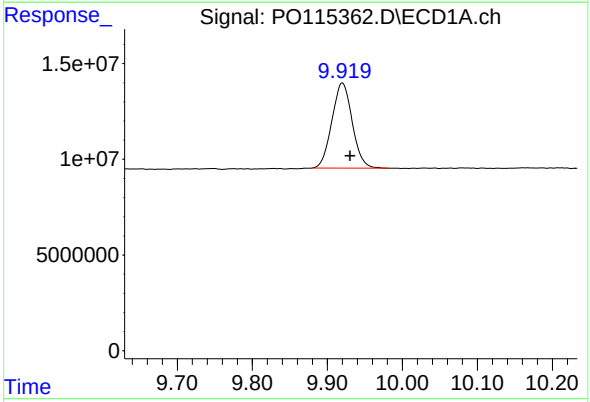
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



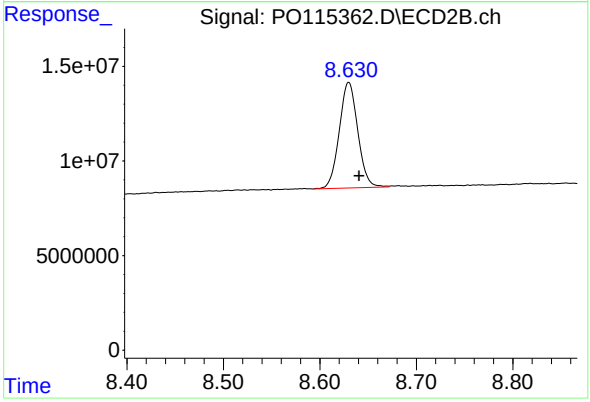
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 96467248
Conc: 21.60 ng/ml



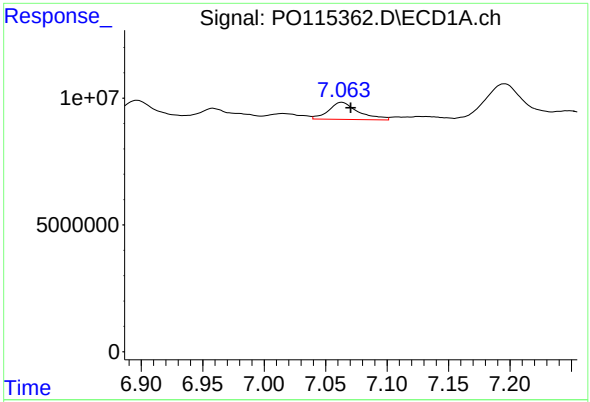
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 83667949
Conc: 18.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 74597148
Conc: 19.11 ng/ml



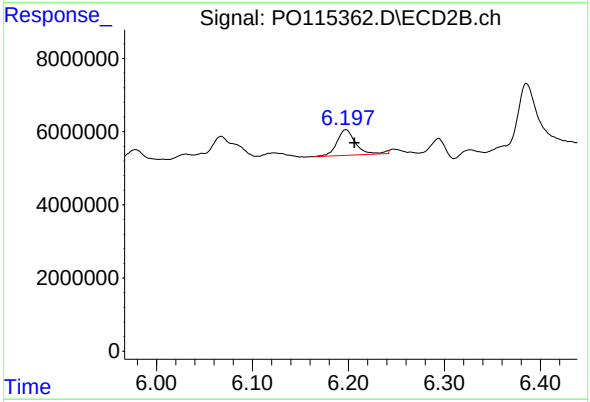
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 11434402
Conc: 37.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM4

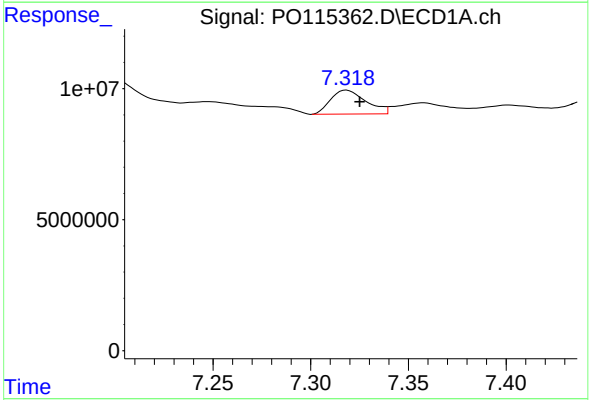
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



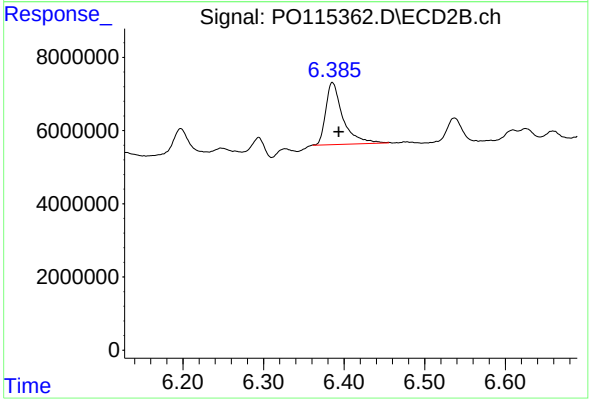
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 9567736
Conc: 32.31 ng/ml m



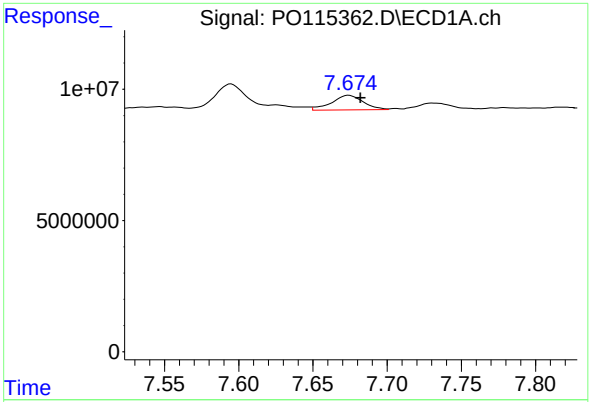
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 11533429
Conc: 29.13 ng/ml



#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 25035662
Conc: 58.22 ng/ml m



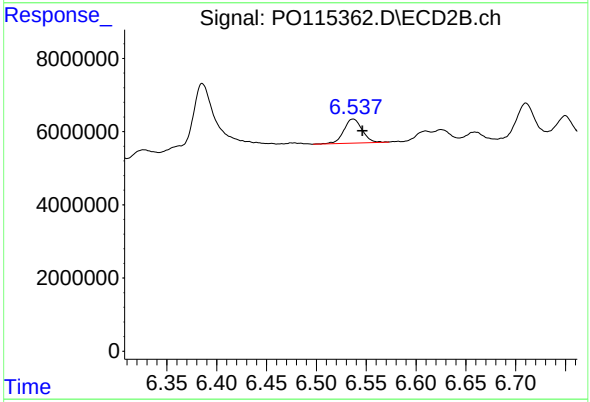
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 8330278
Conc: 25.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM4

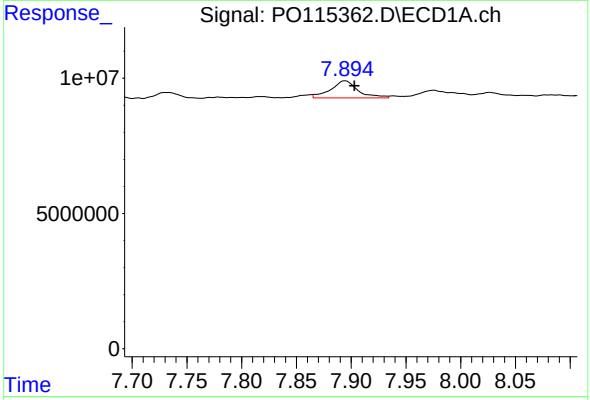
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



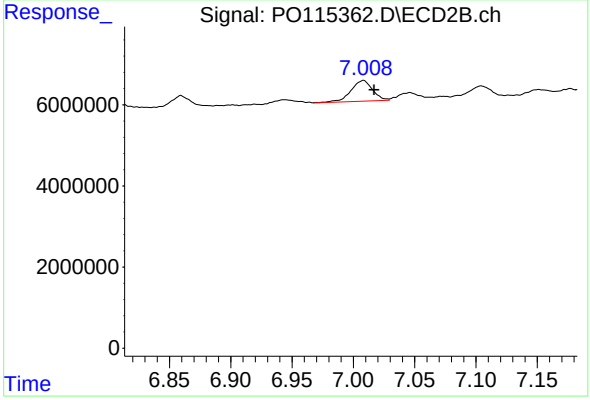
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 8445900
Conc: 24.05 ng/ml



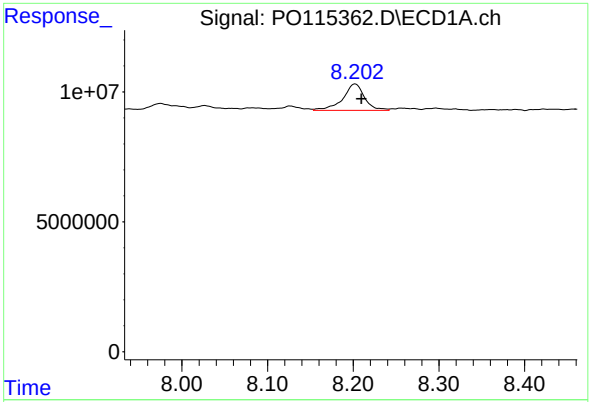
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 10819628
Conc: 35.47 ng/ml m



#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 6260600
Conc: 20.66 ng/ml



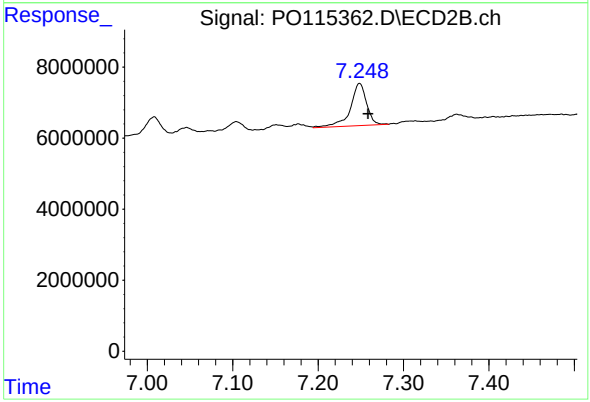
#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 18014177
Conc: 25.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 15698132
Conc: 19.11 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/19/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AM5	SDG No.:	Q3694
Lab Sample ID:	Q3694-16	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	75.1
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	22.6	U	1	5.20	22.6	ug/kg	11/22/25 05:34	PB170688
11104-28-2	Aroclor-1221	22.6	U	1	5.40	22.6	ug/kg	11/22/25 05:34	PB170688
11141-16-5	Aroclor-1232	22.6	U	1	4.90	22.6	ug/kg	11/22/25 05:34	PB170688
53469-21-9	Aroclor-1242	22.6	U	1	5.30	22.6	ug/kg	11/22/25 05:34	PB170688
12672-29-6	Aroclor-1248	22.6	U	1	7.90	22.6	ug/kg	11/22/25 05:34	PB170688
11097-69-1	Aroclor-1254	22.6	U	1	4.30	22.6	ug/kg	11/22/25 05:34	PB170688
37324-23-5	Aroclor-1262	22.6	U	1	6.70	22.6	ug/kg	11/22/25 05:34	PB170688
11100-14-4	Aroclor-1268	22.6	U	1	4.80	22.6	ug/kg	11/22/25 05:34	PB170688
11096-82-5	Aroclor-1260	9.30	J	1	4.30	22.6	ug/kg	11/22/25 05:34	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.2			21 - 165	126%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.4			10 - 170	122%	SPK: 20		

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\PO112125\
Data File : PO115363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 05:34
Operator : YP/AJ
Sample : Q3694-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AM5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 11:00:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	177.3E6	111.7E6	25.197	25.018
2)	SA Decachlor...	9.920	8.631	107.7E6	94381473	24.373	24.177
	Target Compounds						
31)	L7 AR-1260-1	7.064	6.197	7639691	8965816	24.996	30.279
32)	L7 AR-1260-2	7.318	6.384	7821229	8510189	19.757	19.790
33)	L7 AR-1260-3	7.675	6.537	4948176	6021079	14.912	17.147
34)	L7 AR-1260-4	7.896	7.007	8457611	4493672	27.728	14.829 #
35)	L7 AR-1260-5	8.204	7.248	12317053	9190248	17.270	11.185 #

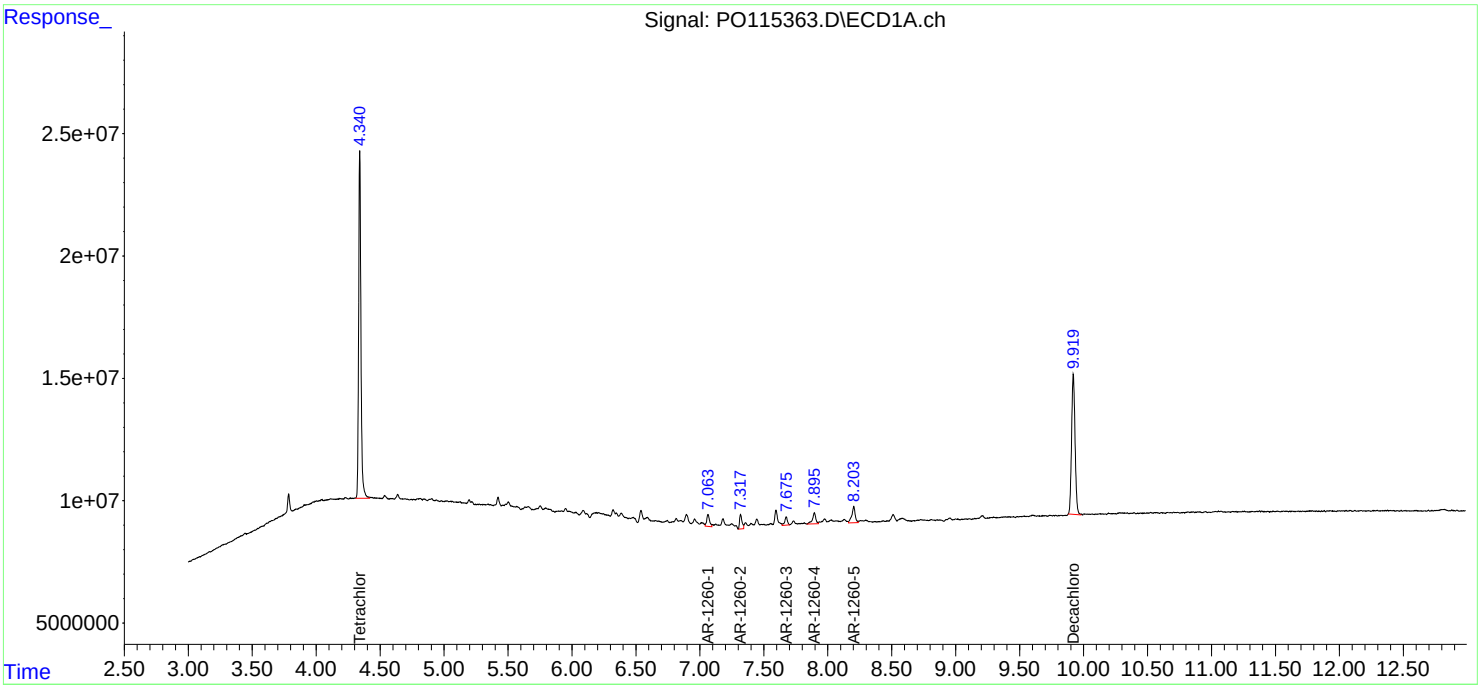
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

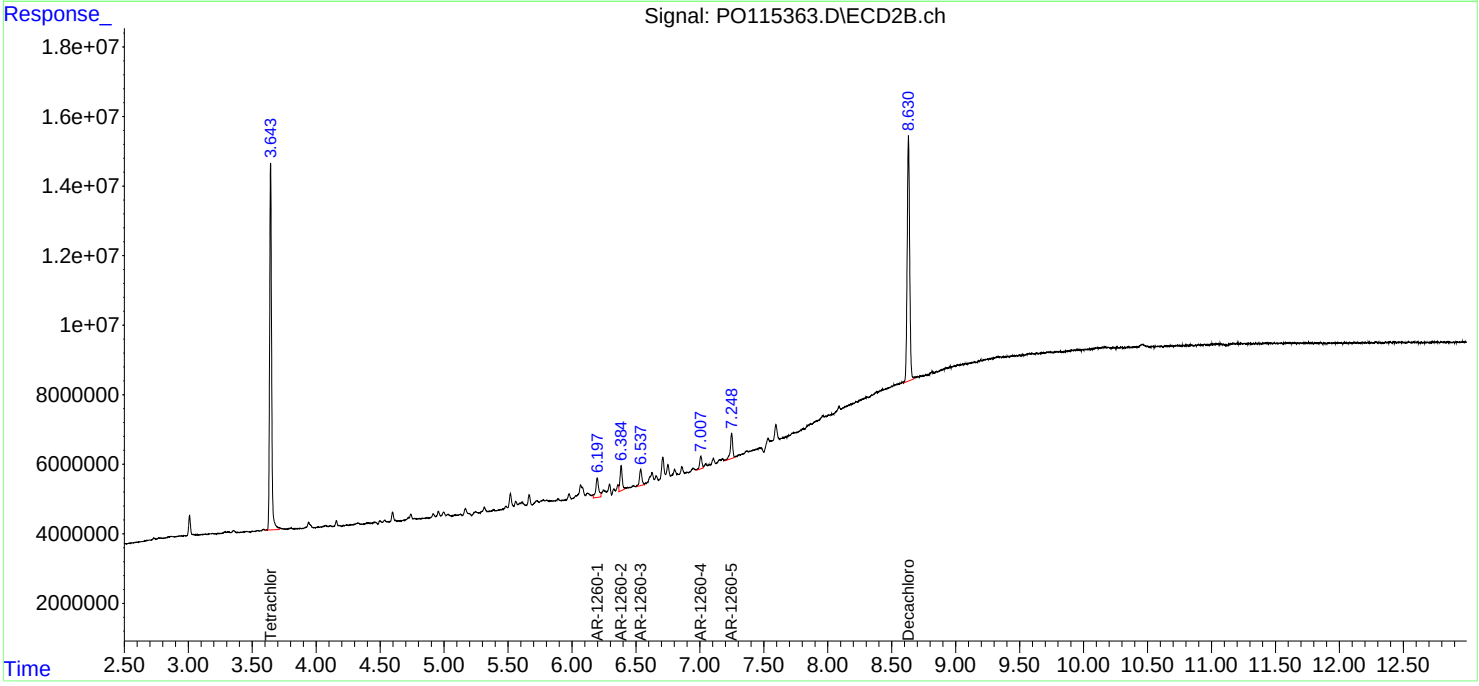
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 05:34
Operator : YP/AJ
Sample : Q3694-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

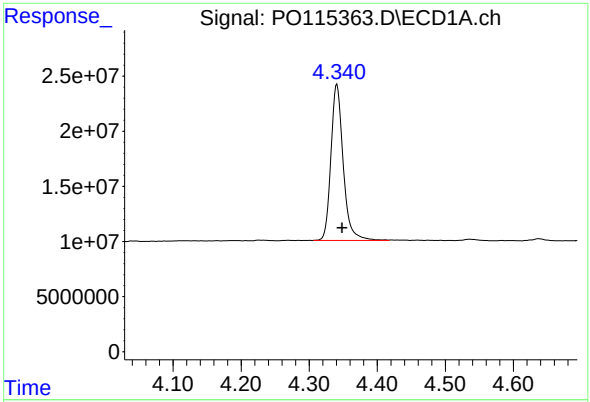
Instrument :
ECD_O
ClientSampleId :
C0AM5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 11:00:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



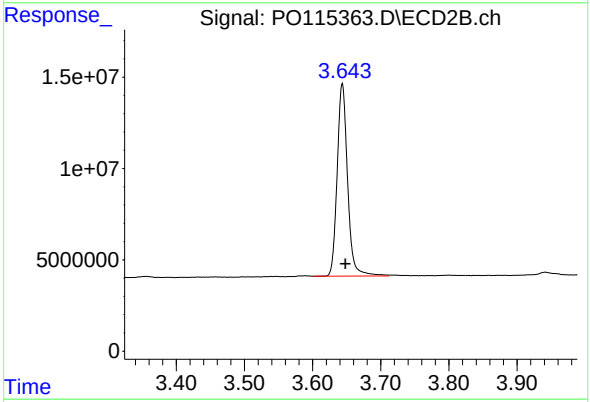




#1 Tetrachloro-m-xylene

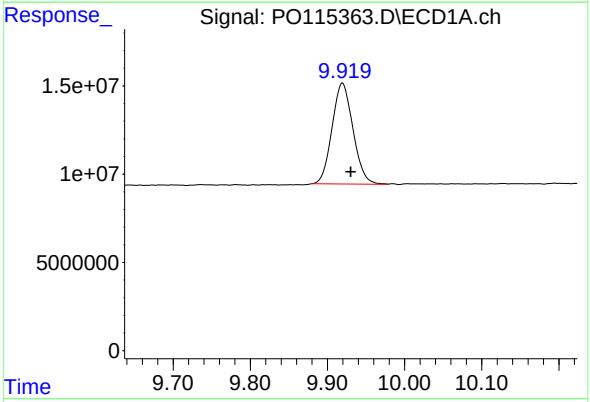
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 177340014
Conc: 25.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM5



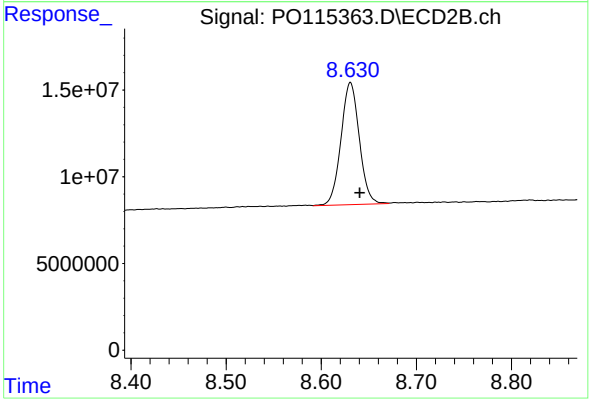
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 111749807
Conc: 25.02 ng/ml



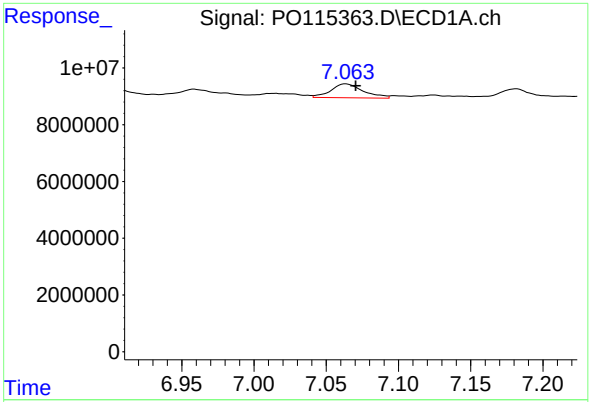
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 107733227
Conc: 24.37 ng/ml



#2 Decachlorobiphenyl

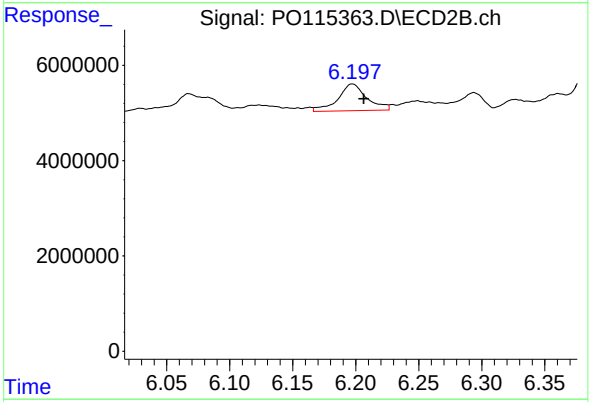
R.T.: 8.631 min
Delta R.T.: -0.010 min
Response: 94381473
Conc: 24.18 ng/ml



#31 AR-1260-1

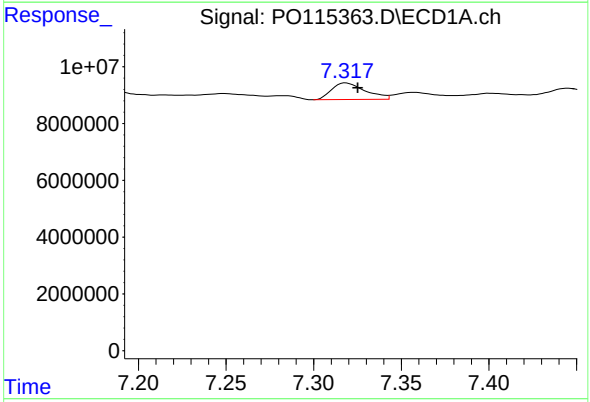
R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 7639691
Conc: 25.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM5



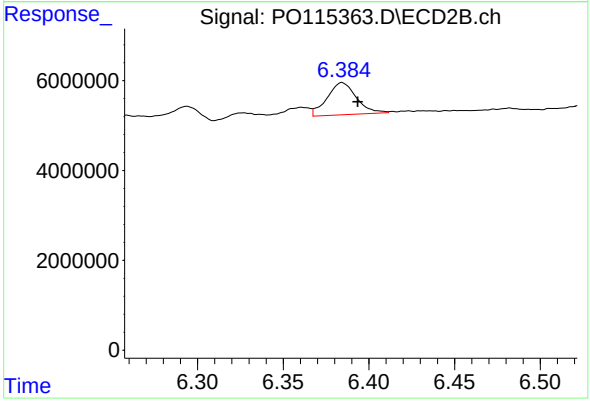
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 8965816
Conc: 30.28 ng/ml



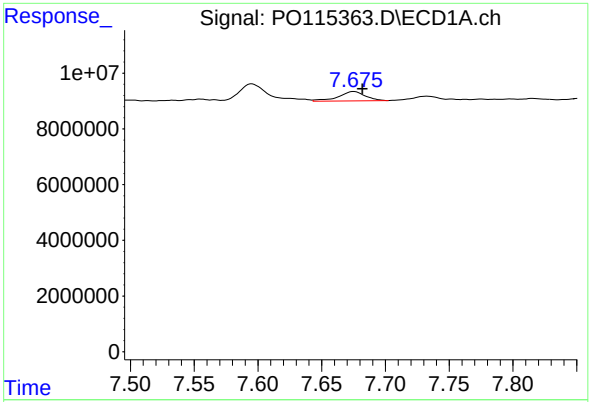
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 7821229
Conc: 19.76 ng/ml



#32 AR-1260-2

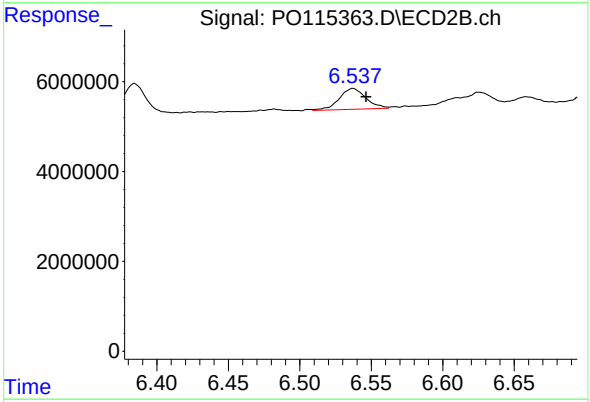
R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 8510189
Conc: 19.79 ng/ml



#33 AR-1260-3

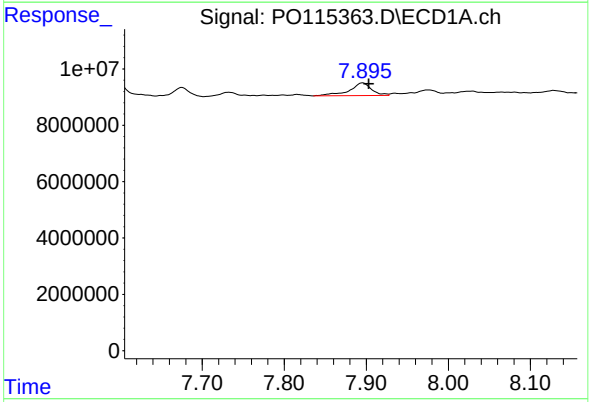
R.T.: 7.675 min
Delta R.T.: -0.007 min
Response: 4948176
Conc: 14.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM5



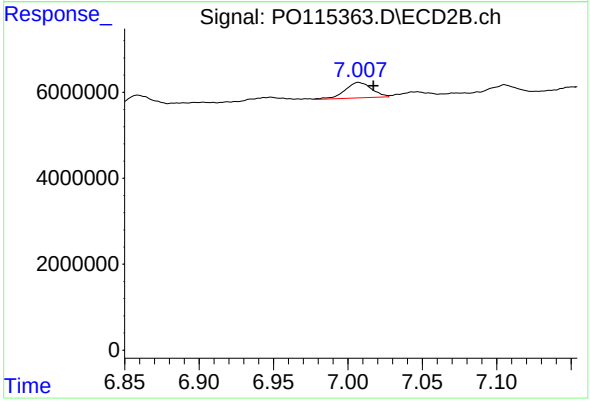
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 6021079
Conc: 17.15 ng/ml



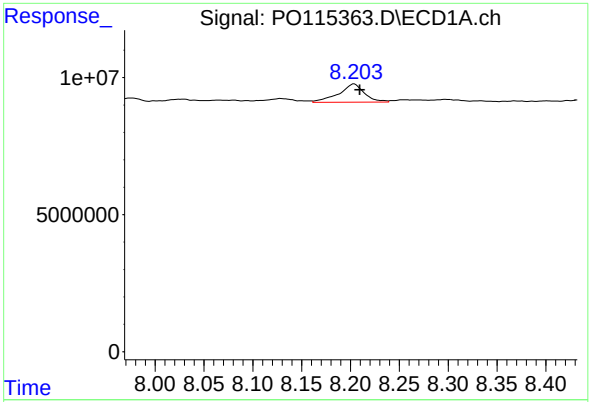
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 8457611
Conc: 27.73 ng/ml



#34 AR-1260-4

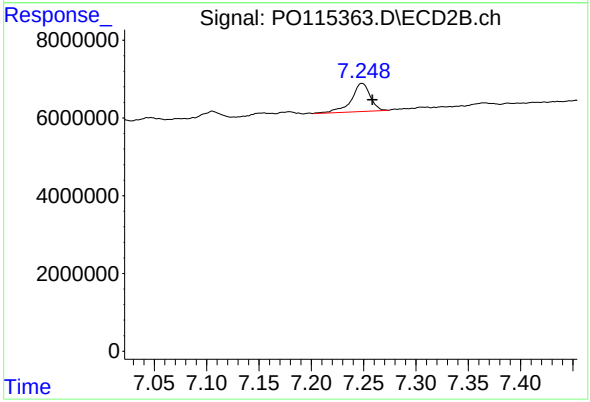
R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 4493672
Conc: 14.83 ng/ml



#35 AR-1260-5

R.T.: 8.204 min
Delta R.T.: -0.006 min
Response: 12317053
Conc: 17.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AM5



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 9190248
Conc: 11.19 ng/ml

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Instrument ID: ECD_O **Calibration Date(s):** 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO114871.D RT 750 = PO114872.D

RT 500 = PO114873.D RT 250 = PO114874.D RT 050 = PO114875.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1016-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1016-3	(3)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1016-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-5	(5)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1260-1	(1)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-2	(2)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Aroclor-1260-3	(3)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1260-4	(4)	7.90	7.90	7.90	7.90	7.90	7.90	7.80	8.00
Aroclor-1260-5	(5)	8.21	8.21	8.21	8.21	8.21	8.21	8.11	8.31
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1242-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1242-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1242-3	(3)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1242-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-5	(5)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1248-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1248-2	(2)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1248-3	(3)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1248-4	(4)	6.35	6.36	6.35	6.35	6.36	6.35	6.25	6.45
Aroclor-1248-5	(5)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1254-1	(1)	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Aroclor-1254-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1254-3	(3)	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Aroclor-1254-4	(4)	7.19	7.19	7.19	7.19	7.19	7.19	7.09	7.29
Aroclor-1254-5	(5)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1268-1	(1)	8.51	8.51	8.51	8.51	8.51	8.51	8.41	8.61
Aroclor-1268-2	(2)	8.60	8.60	8.60	8.60	8.60	8.60	8.50	8.70
Aroclor-1268-3	(3)	8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Aroclor-1268-4	(4)	9.22	9.22	9.22	9.22	9.21	9.22	9.12	9.32
Aroclor-1268-5	(5)	9.61	9.61	9.61	9.61	9.61	9.61	9.51	9.71

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene	4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Instrument ID: ECD_O **Calibration Date(s):** 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO114871.D RT 750 = PO114872.D

RT 500 = PO114873.D RT 250 = PO114874.D RT 050 = PO114875.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.26	7.26	7.26	7.26	7.26	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1242-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1248-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1248-2	(2)	4.96	4.97	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1248-3	(3)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-5	(5)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1254-1	(1)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1254-2	(2)	5.68	5.68	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Aroclor-1254-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1268-1	(1)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.81	7.81	7.81	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: TETR16
SDG NO.: Q3694
Calibration Date(s): 11/04/2025 11/04/2025
Calibration Times: 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO114871.D CF 750 = PO114872.D
CF 500 = PO114873.D CF 250 = PO114874.D CF 050 = PO114875.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	235183609	242405119	252300612	252330724	247880040	246020021	3
Aroclor-1016-2	(2)	380671765	391174169	403435360	408228592	401844700	397070917	3
Aroclor-1016-3	(3)	214892716	220811199	230510330	231508016	217282560	223000964	3
Aroclor-1016-4	(4)	180735079	184273587	191842228	192742164	194782360	188875084	3
Aroclor-1016-5	(5)	166479276	173610481	179587174	180772736	190536000	178197133	5
Aroclor-1260-1	(1)	291080181	301659089	311914366	329562032	293951540	305633442	5
Aroclor-1260-2	(2)	393658847	402595176	414352186	418536840	350242960	395877202	7
Aroclor-1260-3	(3)	331096941	340266576	347857958	348147780	291720640	331817979	7
Aroclor-1260-4	(4)	303823322	310642864	321126472	321507392	268000240	305020058	7
Aroclor-1260-5	(5)	714393776	724690244	737226162	719415648	670367440	713218654	3
Decachlorobiphenyl		4451734610	4516548787	4612561720	4524869360	3995527600	4420248415	6
Tetrachloro-m-xylene		7020403280	7162783533	7307727940	7156075200	6543618600	7038121711	4
Aroclor-1242-1	(1)	180395803	184480117	189796832	192180524	184350480	186240751	2
Aroclor-1242-2	(2)	290607708	295647931	305830174	302003732	299791360	298776181	2
Aroclor-1242-3	(3)	164449629	167684461	173929682	174410736	176369820	171368866	3
Aroclor-1242-4	(4)	136844790	140633719	146402846	139660276	152376540	143183634	4
Aroclor-1242-5	(5)	138362947	141839337	145002188	138385972	141196180	140957325	2
Decachlorobiphenyl		4729850460	4804993427	4858375920	4746069120	4160138600	4659885505	6
Tetrachloro-m-xylene		7348004600	7445204373	7532777260	7262019280	6694579200	7256516943	5
Aroclor-1248-1	(1)	130126160	135244476	137909000	141742196	154206600	139845686	6
Aroclor-1248-2	(2)	182893435	187680161	194064692	196392780	211353600	194476934	5
Aroclor-1248-3	(3)	203368877	206306241	213983954	212927108	217587500	210834736	3
Aroclor-1248-4	(4)	240181487	246210361	255848644	255957264	264773260	252594203	4
Aroclor-1248-5	(5)	225312398	230738423	239469078	240115800	243213880	235769916	3
Decachlorobiphenyl		4590720290	4647354867	4744288880	4661202760	4211361200	4570985599	5
Tetrachloro-m-xylene		7316541360	7442934853	7528054520	7402608560	7218400400	7381707939	2
Aroclor-1254-1	(1)	240591852	247416493	258765478	257075152	263299240	253429643	3
Aroclor-1254-2	(2)	346021204	353529297	371589652	368897016	412184820	370444398	7
Aroclor-1254-3	(3)	372893964	380446979	397009938	384293176	389678940	384864599	2
Aroclor-1254-4	(4)	315539209	321424513	336840998	326904952	342871860	328716306	3
Aroclor-1254-5	(5)	295373361	300690525	312155076	300474784	300573260	301853401	2
Decachlorobiphenyl		4791769470	4896862187	5061968640	4831244600	4661831200	4848735219	3
Tetrachloro-m-xylene		7410585440	7526809333	7802184660	7481754040	7408041400	7525874975	2
Aroclor-1268-1	(1)	876279188	885717404	893041022	887529864	813508780	871215252	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	748334854	756337347	765525536	759915712	702804360	746583562	3
Aroclor-1268-3	(3)	663299706	672085827	679866912	671661004	617886840	660960058	4
Aroclor-1268-4	(4)	274155738	277531193	282310020	282161716	286808980	280593529	2
Aroclor-1268-5	(5)	1966581606	1979440064	1985729368	1956798376	1807416340	1939193151	4
Decachlorobiphenyl		8288385350	8396434587	8504946880	8419357920	7722111200	8266247187	4
Tetrachloro-m-xylene		7475792880	7636683133	7655291620	7597134240	7121440400	7497268455	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: TETR16
SDG NO.: Q3694
Calibration Date(s): 11/04/2025 11/04/2025
Calibration Times: 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO114871.D CF 750 = PO114872.D
CF 500 = PO114873.D CF 250 = PO114874.D CF 050 = PO114875.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	178795127	185535456	193106802	200932132	192907960	190255495	4
Aroclor-1016-2	(2)	260787154	267435697	277593168	286495324	262010880	270864445	4
Aroclor-1016-3	(3)	140310175	144533207	150201526	154962192	149858780	147973176	4
Aroclor-1016-4	(4)	108607533	112021955	117721682	122827936	125909940	117417809	6
Aroclor-1016-5	(5)	142235561	147493437	153611756	157990124	162236540	152713484	5
Aroclor-1260-1	(1)	272865489	283696256	302549666	306994580	314431380	296107474	5
Aroclor-1260-2	(2)	410849028	420744668	440173148	441650472	436738740	430031211	3
Aroclor-1260-3	(3)	328919579	344471297	362206406	366201912	353957800	351151399	4
Aroclor-1260-4	(4)	295043629	302500340	313130718	316509244	287959420	303028670	4
Aroclor-1260-5	(5)	819932115	830411719	851082708	846532168	760181660	821628074	4
Decachlorobiphenyl		3768213910	3862452533	4051635320	3997632280	3839185200	3903823849	3
Tetrachloro-m-xylene		4444199150	4532189360	4610968540	4573862320	4172678600	4466779594	4
Aroclor-1242-1	(1)	138347633	144438088	149108388	148877560	150336280	146221590	3
Aroclor-1242-2	(2)	199908386	204961789	213926082	211880332	205062860	207147890	3
Aroclor-1242-3	(3)	108216818	112229521	116418372	113485296	109537600	111977521	3
Aroclor-1242-4	(4)	101919263	105301932	110004430	109236748	109193360	107131147	3
Aroclor-1242-5	(5)	135980897	140103160	145653410	150301700	142549620	142917757	4
Decachlorobiphenyl		4093300380	4301738307	4403735460	4338775160	4380898600	4303689581	3
Tetrachloro-m-xylene		4800115840	4683347560	4961464680	4527345840	4437059000	4681866584	4
Aroclor-1248-1	(1)	101027399	105625799	111262386	113093188	115539800	109309714	5
Aroclor-1248-2	(2)	136540550	142594189	148530518	152692968	164144180	148900481	7
Aroclor-1248-3	(3)	143887712	149887199	155474250	158349236	169440400	155407759	6
Aroclor-1248-4	(4)	171266913	177666692	184171754	187513908	195642380	183252329	5
Aroclor-1248-5	(5)	174649655	180220384	187038042	189642400	190092660	184328628	3
Decachlorobiphenyl		4076042330	4166088587	4290124020	4403270520	4144788800	4216062851	3
Tetrachloro-m-xylene		4758509080	4829545453	4892334280	4811209560	4727034000	4803726475	1
Aroclor-1254-1	(1)	275439068	284238351	300243386	299923620	341055960	300180077	8
Aroclor-1254-2	(2)	245333366	253279232	267984098	268318040	313122940	269607535	9
Aroclor-1254-3	(3)	398238109	410614839	430545692	426530308	445294740	422244738	4
Aroclor-1254-4	(4)	284785979	294895399	305027804	301955520	300306220	297394184	3
Aroclor-1254-5	(5)	385708423	392326712	409498118	398089984	402006780	397526003	2
Decachlorobiphenyl		4273373360	4367226933	4604811080	4533103920	4272134600	4410129979	3
Tetrachloro-m-xylene		4791085320	4887004773	5044010700	4876428000	4843036000	4888312959	2
Aroclor-1268-1	(1)	948830555	965398547	981732904	993582148	991082540	976125339	2

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	784312077	796694211	811227528	817006596	768929160	795633914	2
Aroclor-1268-3	(3)	672635507	681509284	695723330	696225136	632763280	675771307	4
Aroclor-1268-4	(4)	270862616	275402580	280086838	282372280	267609400	275266743	2
Aroclor-1268-5	(5)	1768544208	1786014605	1818457210	1831952004	1717683400	1784530285	2
Decachlorobiphenyl		7349980390	7437822467	7706201340	7861559120	8321979800	7735508623	5
Tetrachloro-m-xylene		4791521570	4902547960	4915920660	4883273320	4724156000	4843483902	2

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Instrument ID: ECD_O **Date(s) Analyzed:** 11/04/2025 11/04/2025

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	4.55	4.45	4.65	84124000
		2	4.63	4.53	4.73	60183600
		3	4.71	4.61	4.81	193335000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.71	4.61	4.81	150015000
		2	5.22	5.12	5.32	72567400
		3	5.51	5.41	5.61	158675000
		4	5.67	5.57	5.77	73795600
		5	5.76	5.66	5.86	51580600
Aroclor-1262	500	1	7.70	7.60	7.80	453404000
		2	8.23	8.13	8.33	707198000
		3	8.53	8.43	8.63	451420000
		4	8.62	8.52	8.72	336186000
		5	9.24	9.14	9.34	241816000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Instrument ID: ECD_O **Date(s) Analyzed:** 11/04/2025 11/04/2025

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	3.86	3.76	3.96	61799200
		2	3.95	3.85	4.05	45637000
		3	4.02	3.92	4.12	140257000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	111493000
		2	4.75	4.65	4.85	112095000
		3	4.92	4.82	5.02	59654200
		4	5.01	4.91	5.11	50889000
		5	5.18	5.08	5.28	56587600
Aroclor-1262	500	1	6.76	6.66	6.86	494206000
		2	7.26	7.16	7.36	795090000
		3	7.54	7.44	7.64	329028000
		4	7.61	7.51	7.71	538192000
		5	8.10	8.00	8.20	238020000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:39
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: Nov 04 10:39:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 10:34:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	702.0E6	444.4E6	97.995	98.158
2)	SA Decachlor...	9.931	8.642	445.2E6	376.8E6	98.226	96.376
	Target Compounds						
3)	L1 AR-1016-1	5.487	4.728	235.2E6	178.8E6	964.887	961.518
4)	L1 AR-1016-2	5.509	4.747	380.7E6	260.8E6	970.969	968.784
5)	L1 AR-1016-3	5.571	4.922	214.9E6	140.3E6	964.936	965.952
6)	L1 AR-1016-4	5.666	4.964	180.7E6	108.6E6	970.188	959.731
7)	L1 AR-1016-5	5.958	5.176	166.5E6	142.2E6	962.123	961.547
31)	L7 AR-1260-1	7.072	6.207	291.1E6	272.9E6	965.449	948.413
32)	L7 AR-1260-2	7.325	6.394	393.7E6	410.8E6	974.390	965.542
33)	L7 AR-1260-3	7.683	6.547	331.1E6	328.9E6	975.314	951.837
34)	L7 AR-1260-4	7.904	7.018	303.8E6	295.0E6	972.313	970.260
35)	L7 AR-1260-5	8.212	7.259	714.4E6	819.9E6	984.271	981.358

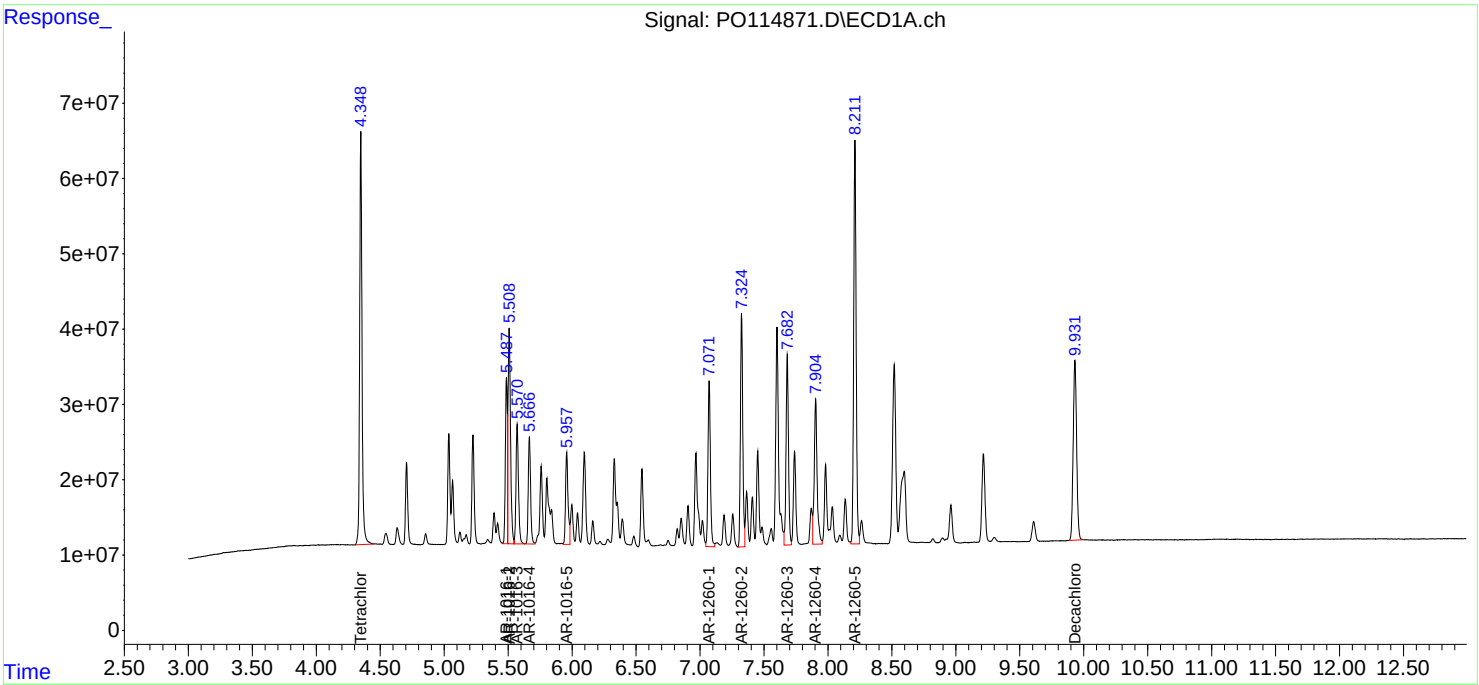
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

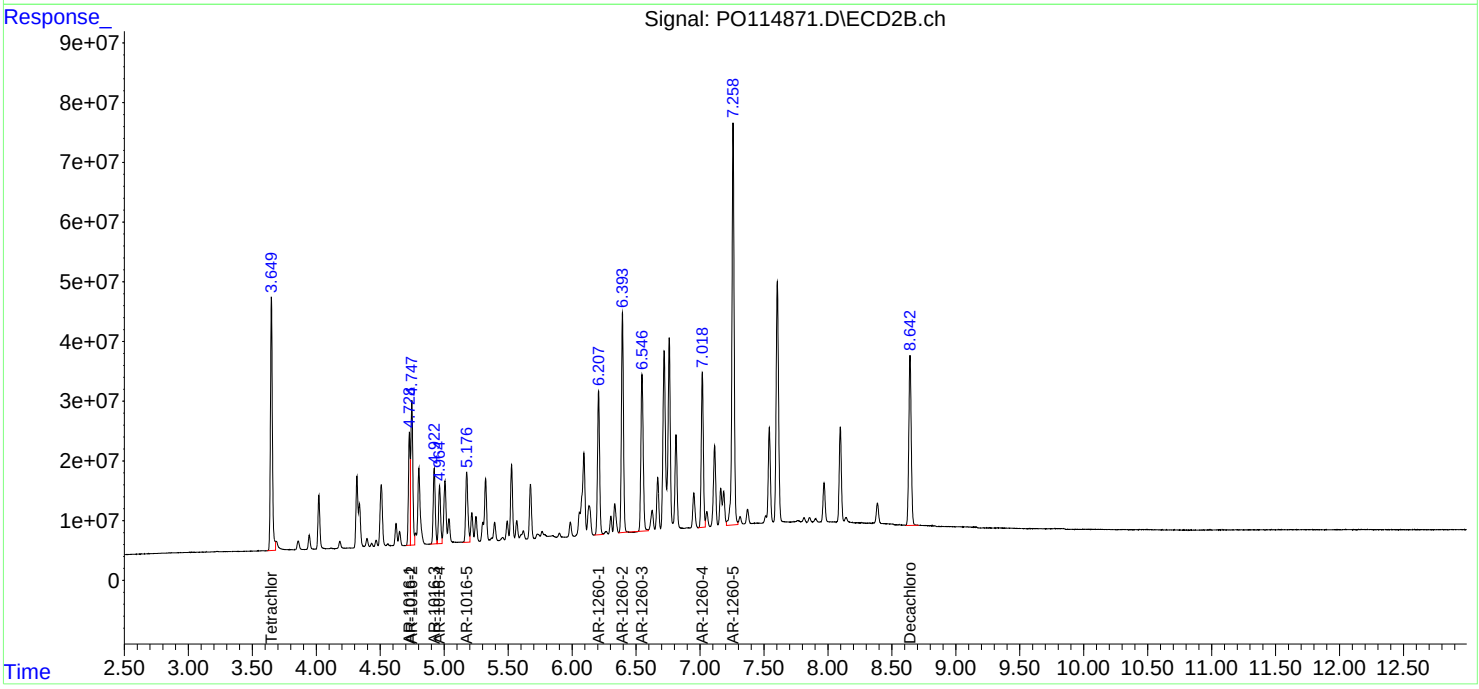
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:39
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

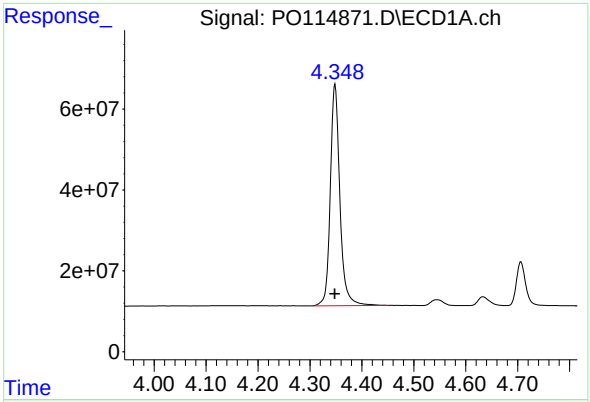
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 10:39:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 10:34:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



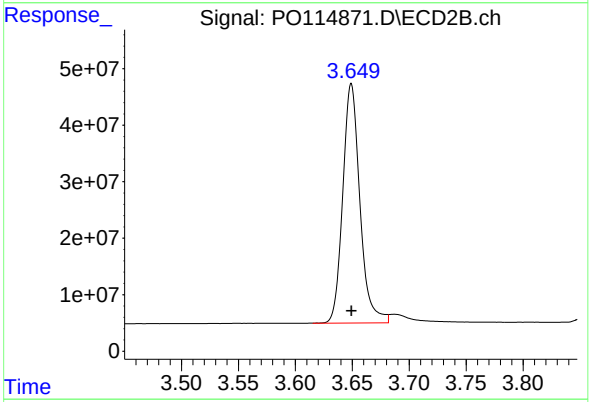




#1 Tetrachloro-m-xylene

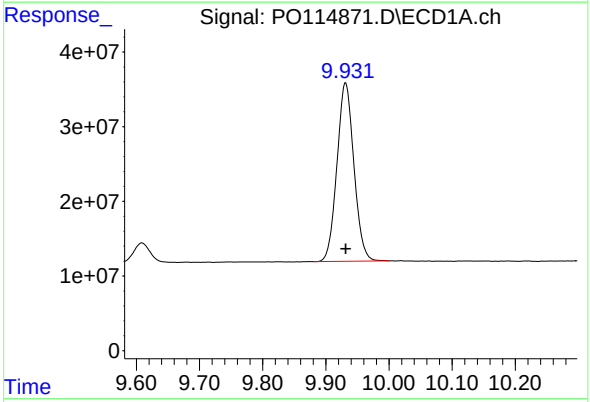
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 702040328
Conc: 97.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



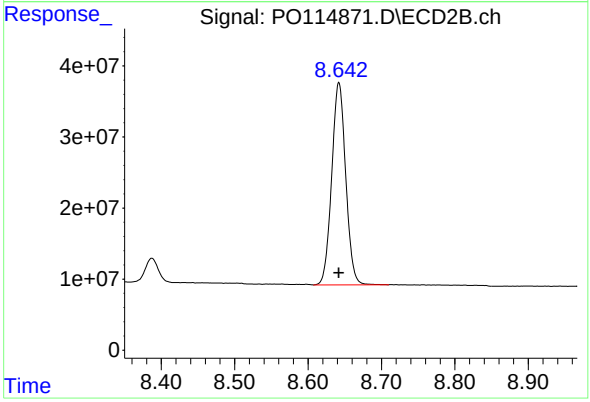
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 444419915
Conc: 98.16 ng/ml



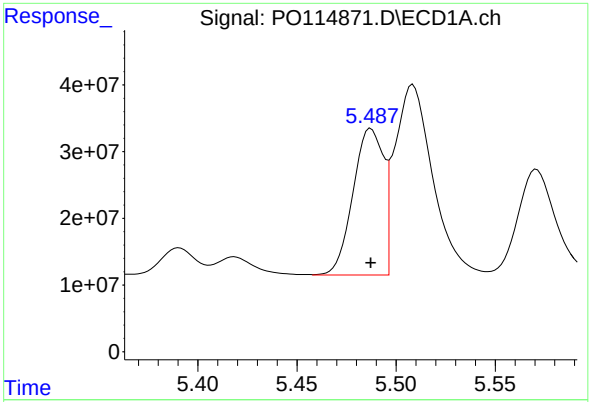
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 445173461
Conc: 98.23 ng/ml



#2 Decachlorobiphenyl

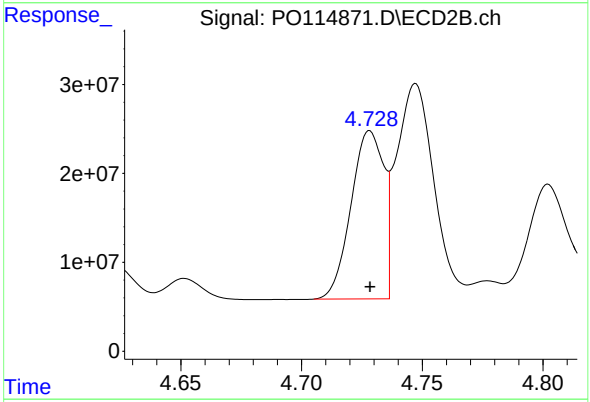
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 376821391
Conc: 96.38 ng/ml



#3 AR-1016-1

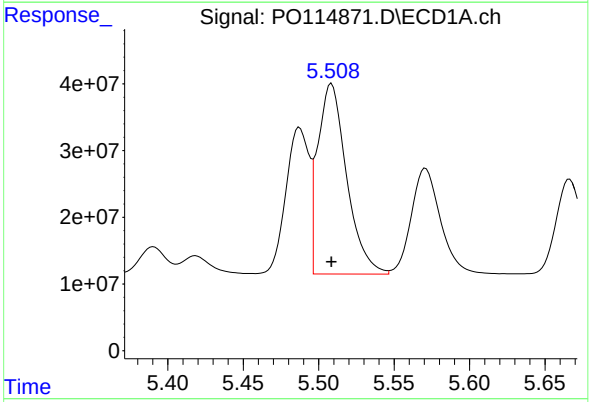
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 235183609
Conc: 964.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



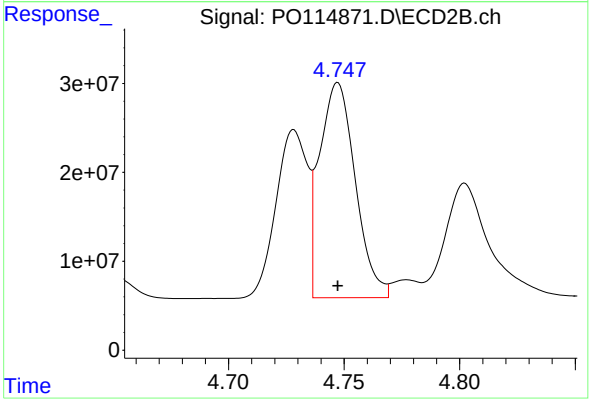
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 178795127
Conc: 961.52 ng/ml



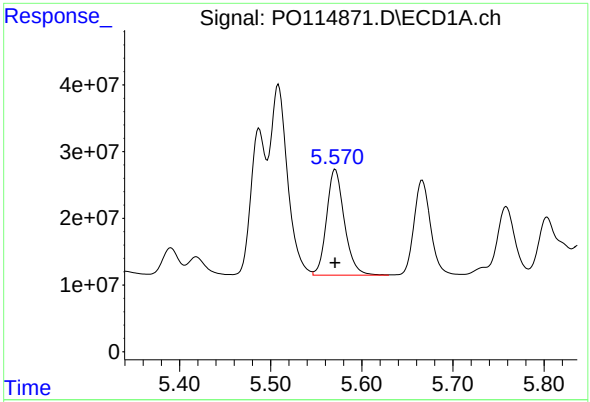
#4 AR-1016-2

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 380671765
Conc: 970.97 ng/ml



#4 AR-1016-2

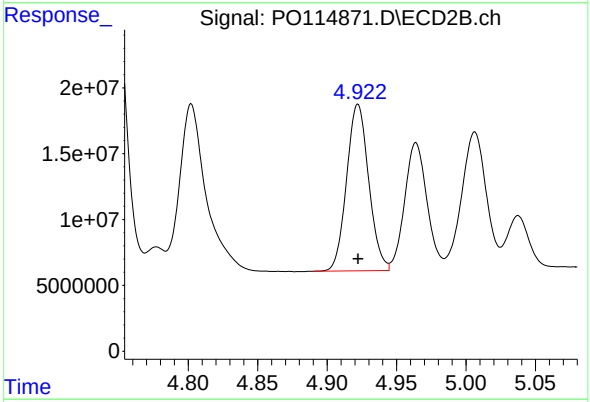
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 260787154
Conc: 968.78 ng/ml



#5 AR-1016-3

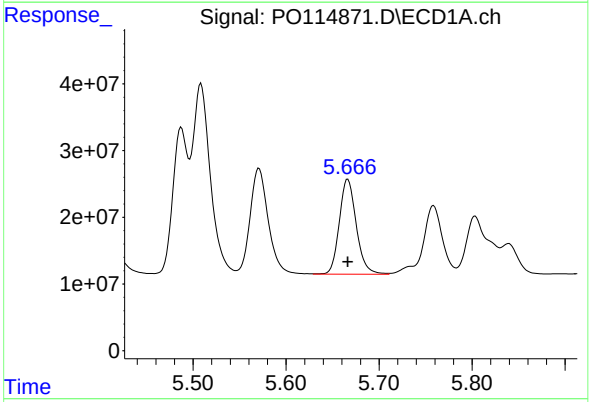
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 214892716
Conc: 964.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



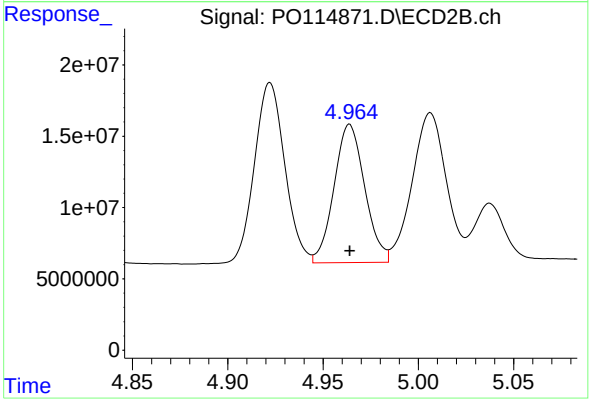
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 140310175
Conc: 965.95 ng/ml



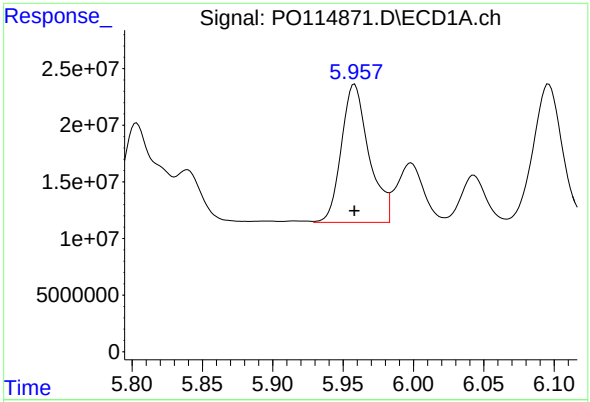
#6 AR-1016-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 180735079
Conc: 970.19 ng/ml



#6 AR-1016-4

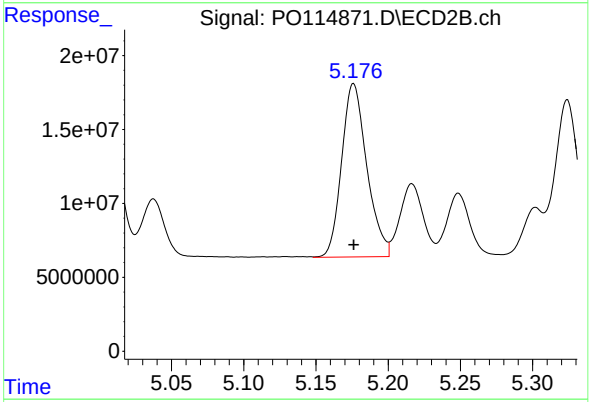
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 108607533
Conc: 959.73 ng/ml



#7 AR-1016-5

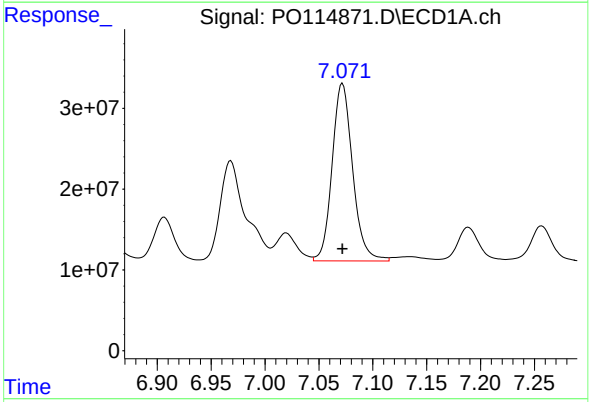
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 166479276
Conc: 962.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



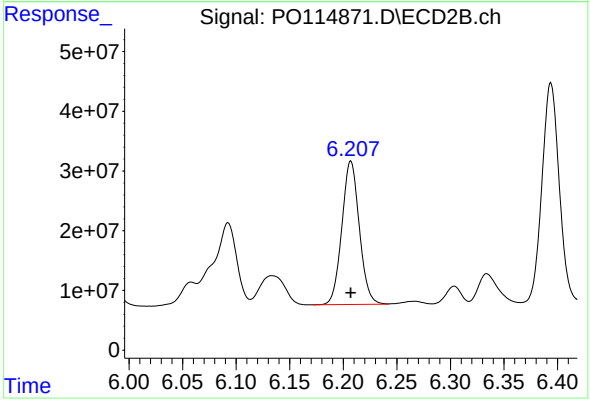
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 142235561
Conc: 961.55 ng/ml



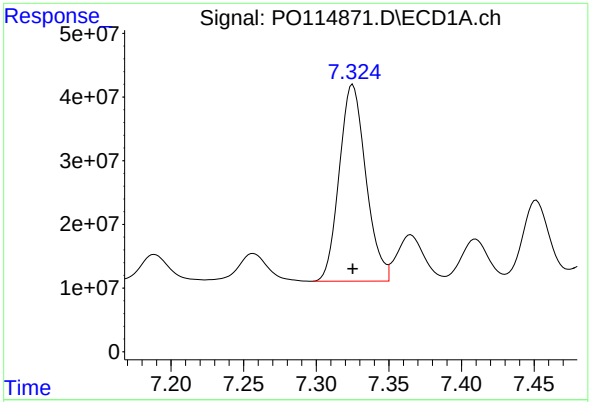
#31 AR-1260-1

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 291080181
Conc: 965.45 ng/ml



#31 AR-1260-1

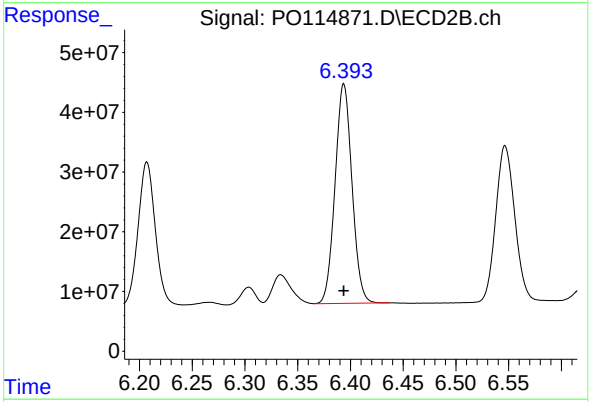
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 272865489
Conc: 948.41 ng/ml



#32 AR-1260-2

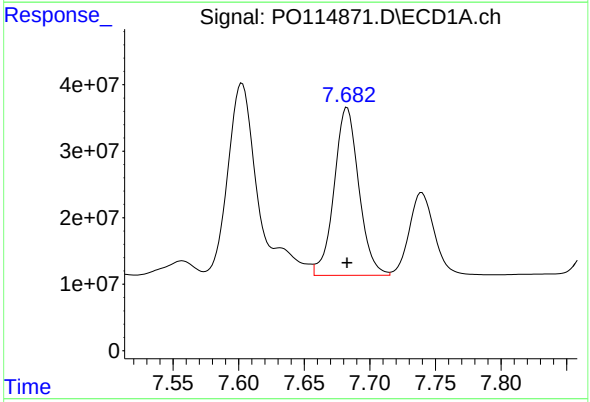
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 393658847
Conc: 974.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



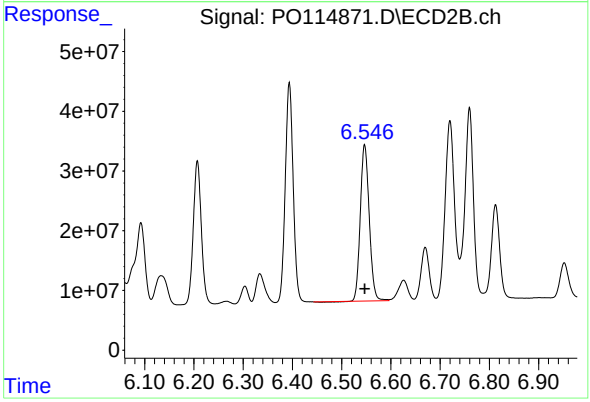
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 410849028
Conc: 965.54 ng/ml



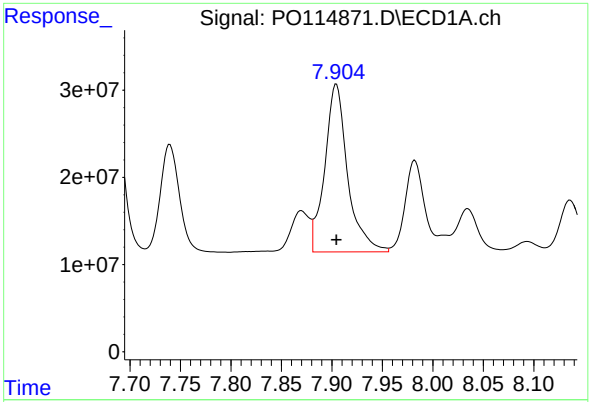
#33 AR-1260-3

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 331096941
Conc: 975.31 ng/ml



#33 AR-1260-3

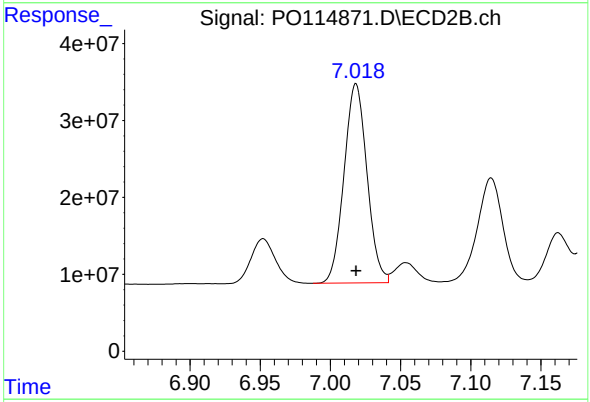
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 328919579
Conc: 951.84 ng/ml



#34 AR-1260-4

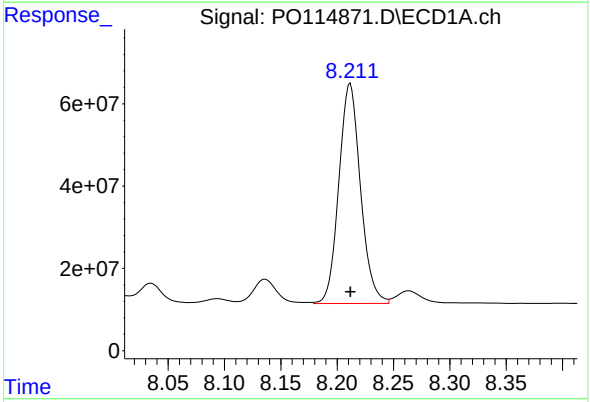
R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 303823322
Conc: 972.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



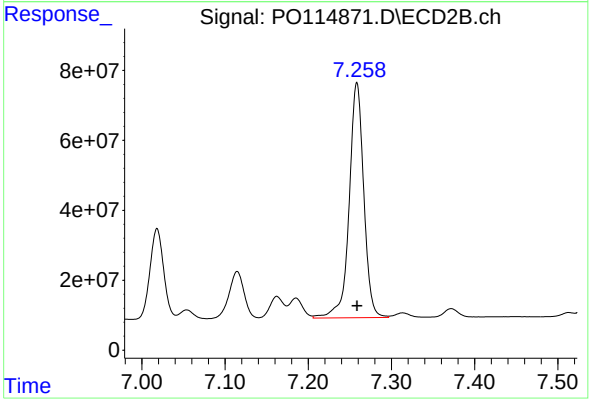
#34 AR-1260-4

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 295043629
Conc: 970.26 ng/ml



#35 AR-1260-5

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 714393776
Conc: 984.27 ng/ml



#35 AR-1260-5

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 819932115
Conc: 981.36 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:58
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: Nov 04 10:42:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 10:34:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	537.2E6	339.9E6	74.991	75.051
2)	SA Decachlor...	9.931	8.642	338.7E6	289.7E6	74.828	74.390
	Target Compounds						
3)	L1 AR-1016-1	5.486	4.728	181.8E6	139.2E6	747.252	748.882
4)	L1 AR-1016-2	5.508	4.747	293.4E6	200.6E6	748.878	746.734
5)	L1 AR-1016-3	5.571	4.921	165.6E6	108.4E6	745.744	747.508
6)	L1 AR-1016-4	5.666	4.964	138.2E6	84016466	744.572	744.934
7)	L1 AR-1016-5	5.958	5.176	130.2E6	110.6E6	751.666	748.544
31)	L7 AR-1260-1	7.071	6.206	226.2E6	212.8E6	750.268	742.996
32)	L7 AR-1260-2	7.326	6.394	301.9E6	315.6E6	748.253	744.378
33)	L7 AR-1260-3	7.683	6.546	255.2E6	258.4E6	751.161	748.419
34)	L7 AR-1260-4	7.904	7.017	233.0E6	226.9E6	747.063	747.386
35)	L7 AR-1260-5	8.211	7.258	543.5E6	622.8E6	749.228	746.944

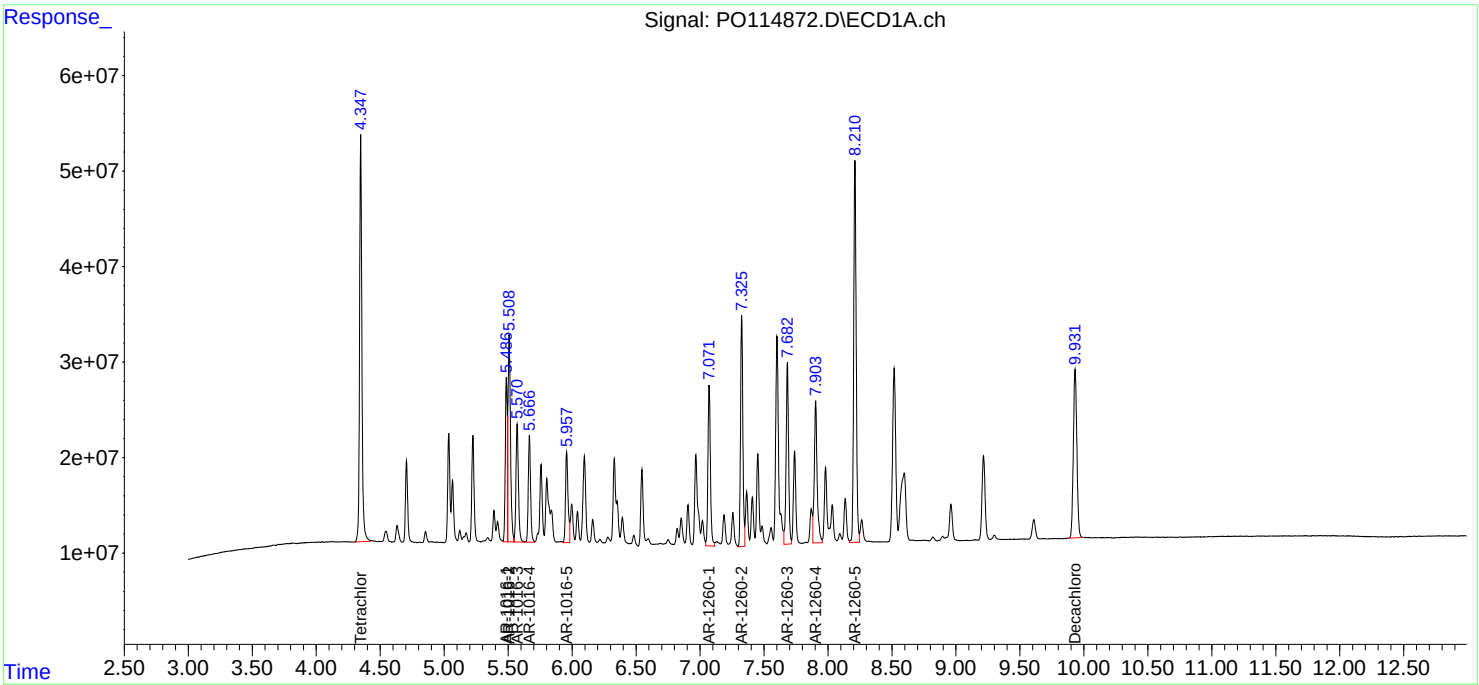
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

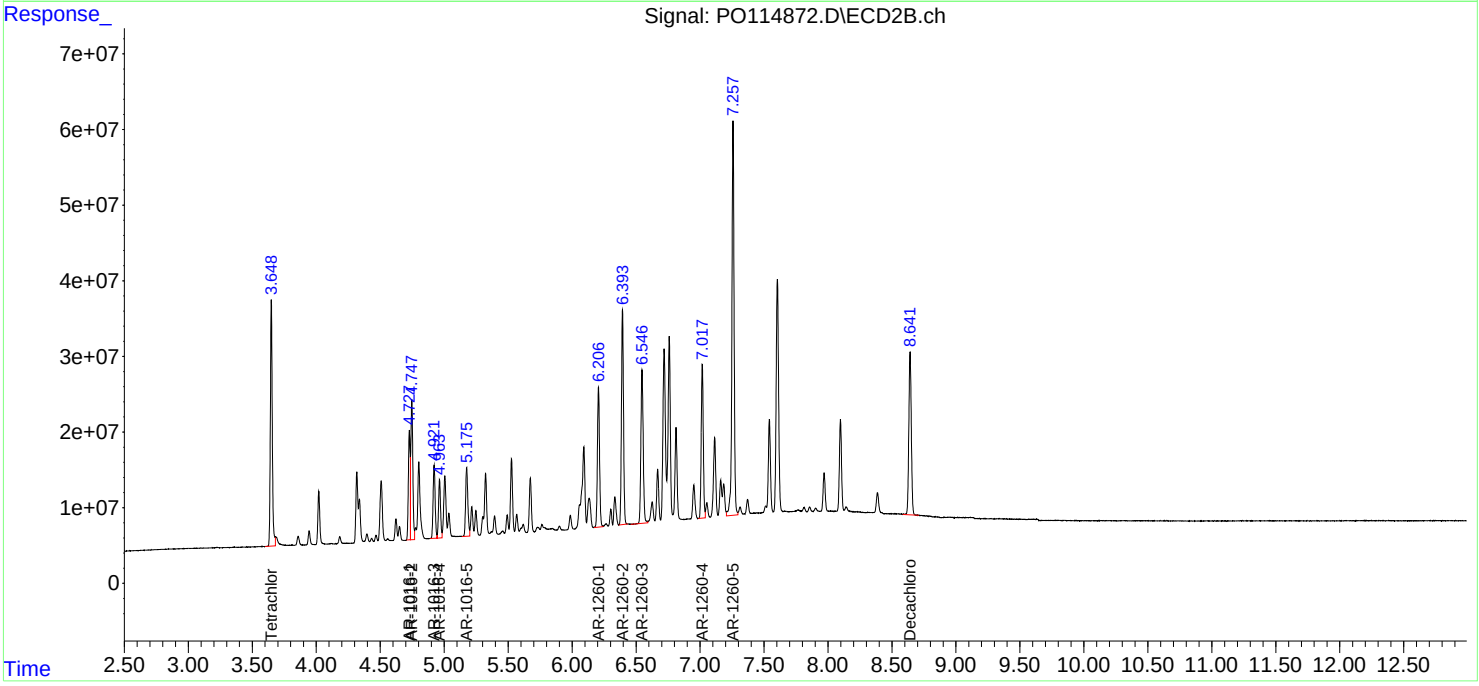
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:58
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

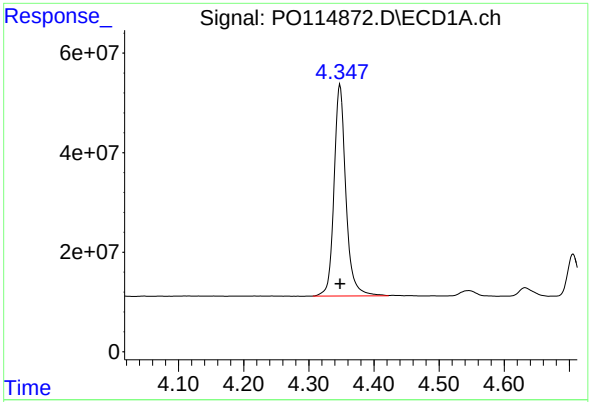
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 10:42:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 10:34:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



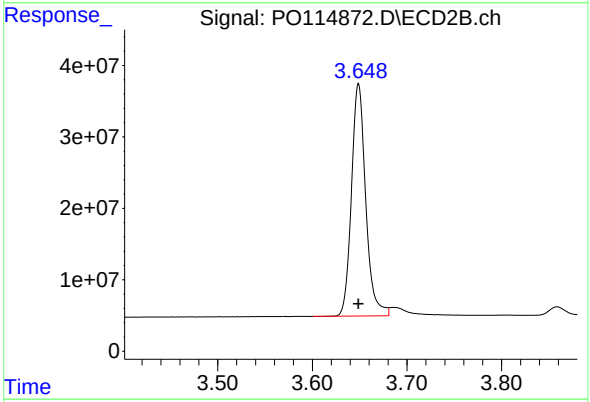




#1 Tetrachloro-m-xylene

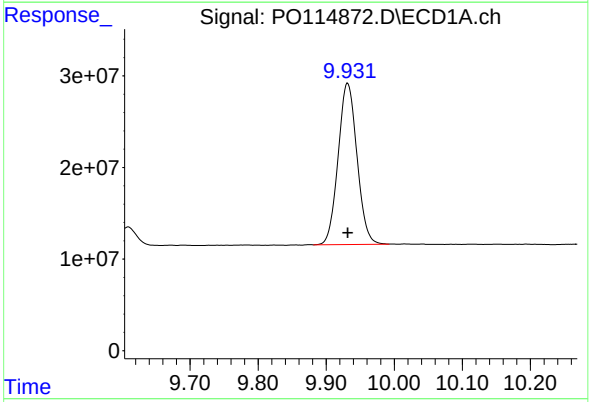
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 537208765
Conc: 74.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



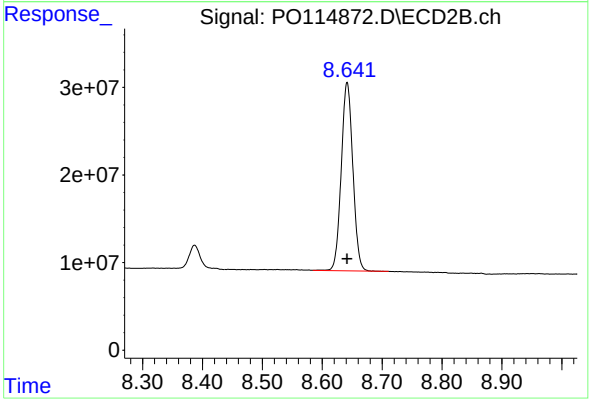
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 339914202
Conc: 75.05 ng/ml



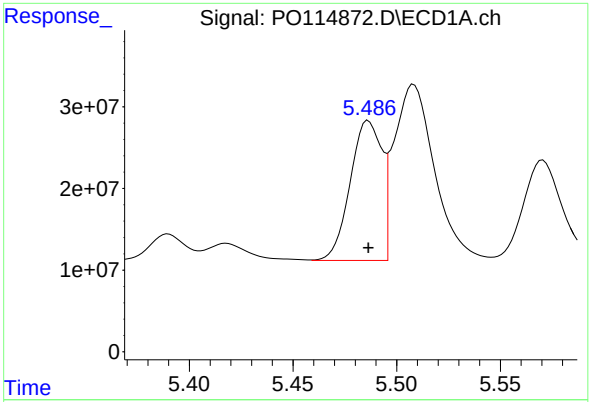
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 338741159
Conc: 74.83 ng/ml



#2 Decachlorobiphenyl

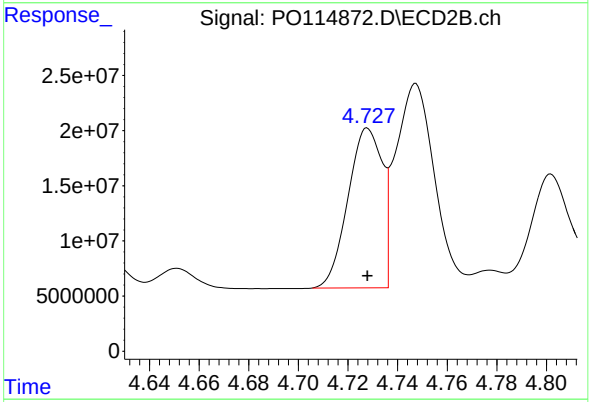
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 289683940
Conc: 74.39 ng/ml



#3 AR-1016-1

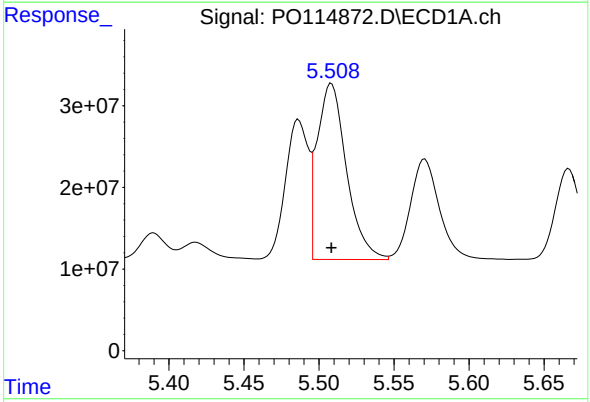
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 181803839
Conc: 747.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



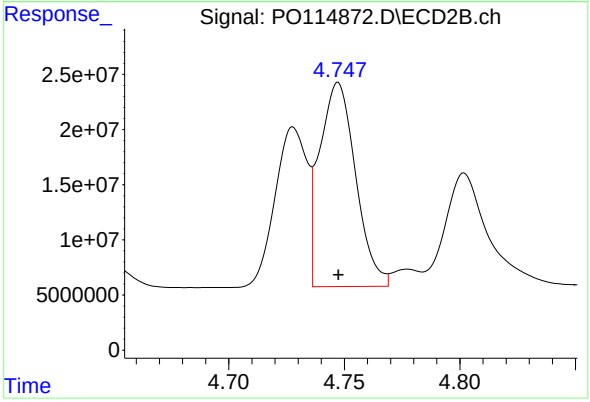
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 139151592
Conc: 748.88 ng/ml



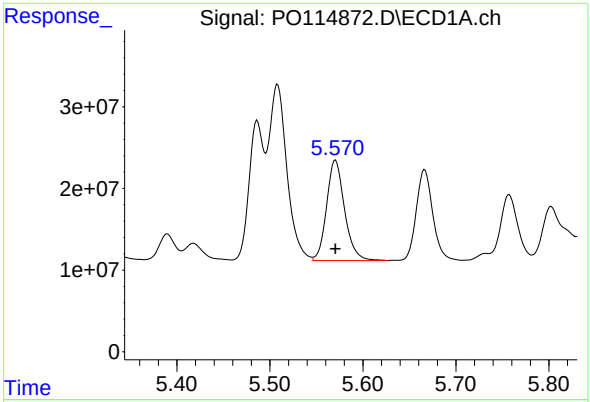
#4 AR-1016-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 293380627
Conc: 748.88 ng/ml



#4 AR-1016-2

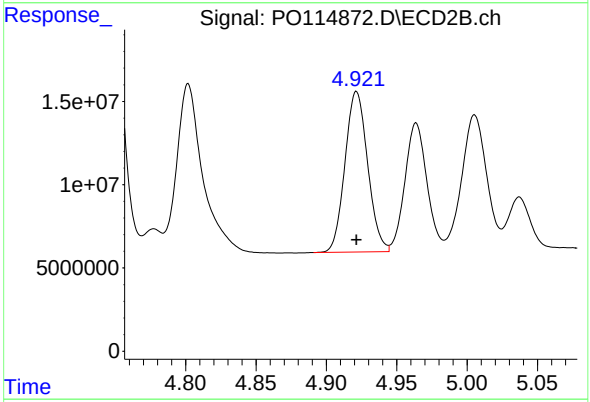
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 200576773
Conc: 746.73 ng/ml



#5 AR-1016-3

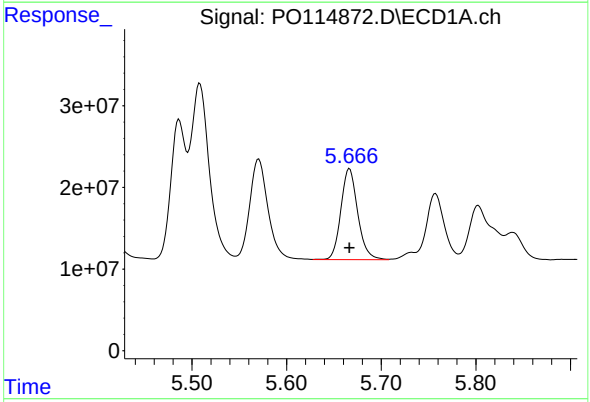
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 165608399
Conc: 745.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



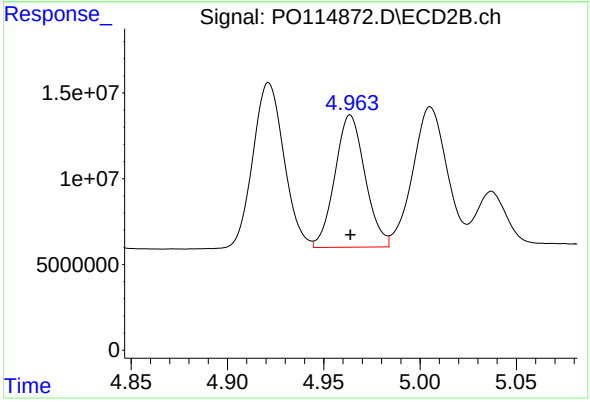
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 108399905
Conc: 747.51 ng/ml



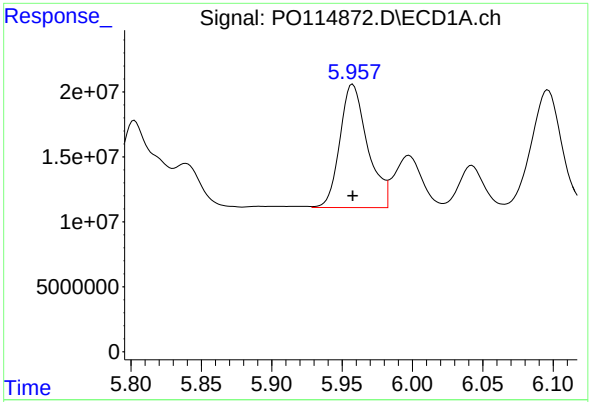
#6 AR-1016-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 138205190
Conc: 744.57 ng/ml



#6 AR-1016-4

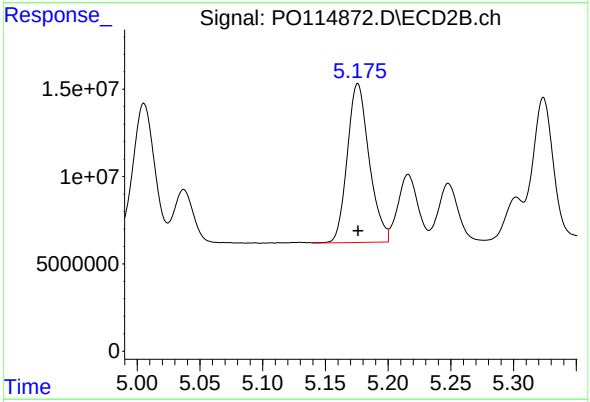
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 84016466
Conc: 744.93 ng/ml



#7 AR-1016-5

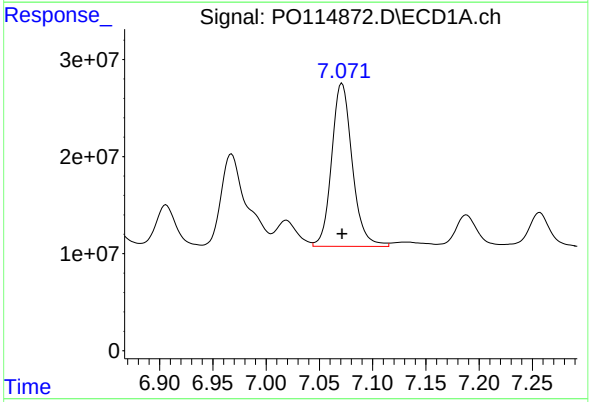
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 130207861
Conc: 751.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



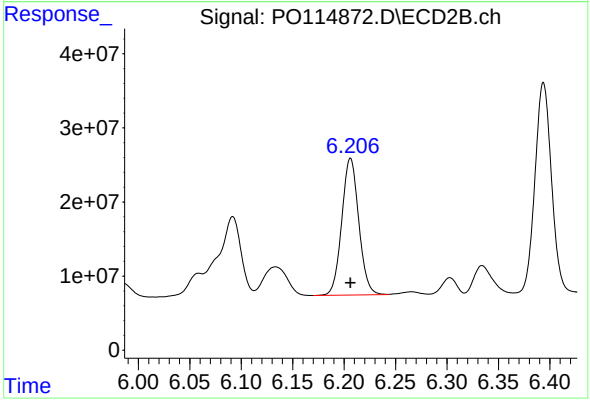
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 110620078
Conc: 748.54 ng/ml



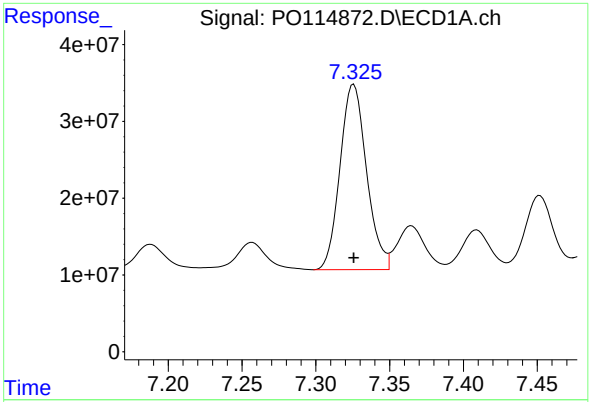
#31 AR-1260-1

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 226244317
Conc: 750.27 ng/ml



#31 AR-1260-1

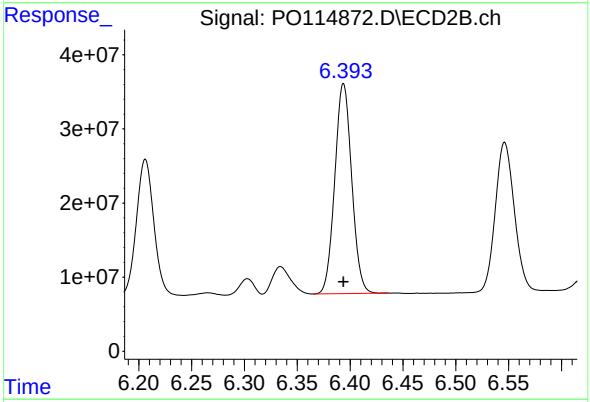
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 212772192
Conc: 743.00 ng/ml



#32 AR-1260-2

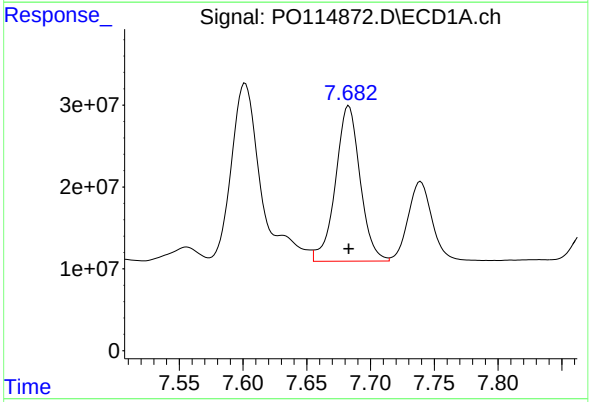
R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 301946382
Conc: 748.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



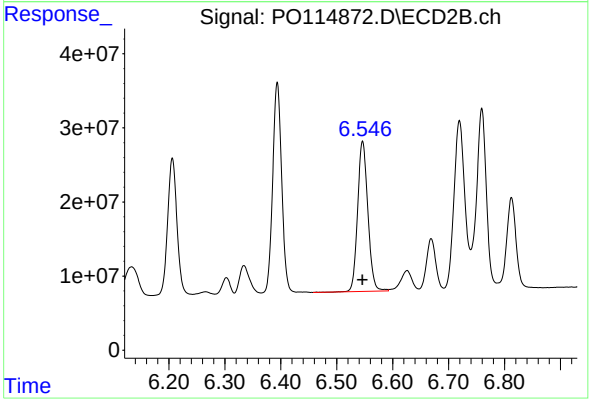
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 315558501
Conc: 744.38 ng/ml



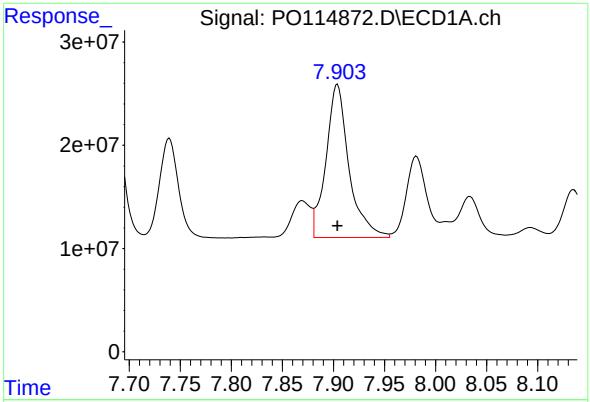
#33 AR-1260-3

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 255199932
Conc: 751.16 ng/ml



#33 AR-1260-3

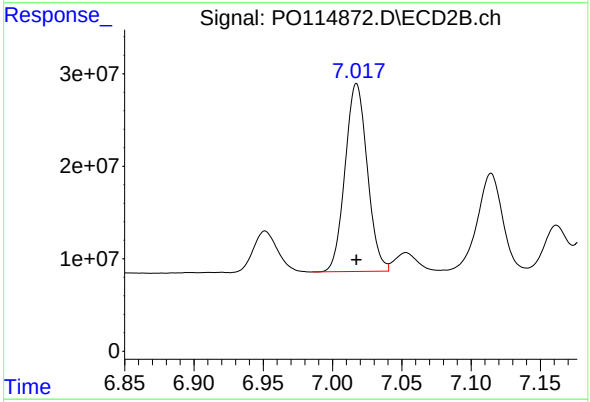
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 258353473
Conc: 748.42 ng/ml



#34 AR-1260-4

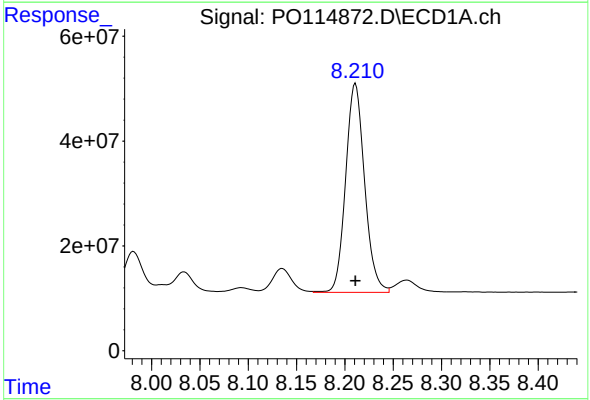
R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 232982148
Conc: 747.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



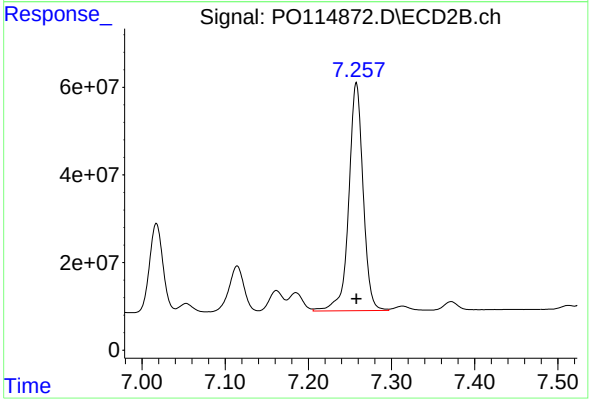
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 226875255
Conc: 747.39 ng/ml



#35 AR-1260-5

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 543517683
Conc: 749.23 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 622808789
Conc: 746.94 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114873.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 10:16
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: Nov 04 10:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 10:34:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.648	365.4E6	230.5E6	50.000	50.000
2)	SA Decachlor...	9.930	8.641	230.6E6	202.6E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.487	4.728	126.2E6	96553401	500.000	500.000
4)	L1 AR-1016-2	5.508	4.747	201.7E6	138.8E6	500.000	500.000
5)	L1 AR-1016-3	5.570	4.921	115.3E6	75100763	500.000	500.000
6)	L1 AR-1016-4	5.666	4.964	95921114	58860841	500.000	500.000
7)	L1 AR-1016-5	5.958	5.176	89793587	76805878	500.000	500.000
31)	L7 AR-1260-1	7.071	6.206	156.0E6	151.3E6	500.000	500.000
32)	L7 AR-1260-2	7.325	6.394	207.2E6	220.1E6	500.000	500.000
33)	L7 AR-1260-3	7.682	6.546	173.9E6	181.1E6	500.000	500.000
34)	L7 AR-1260-4	7.903	7.017	160.6E6	156.6E6	500.000	500.000
35)	L7 AR-1260-5	8.210	7.258	368.6E6	425.5E6	500.000	500.000

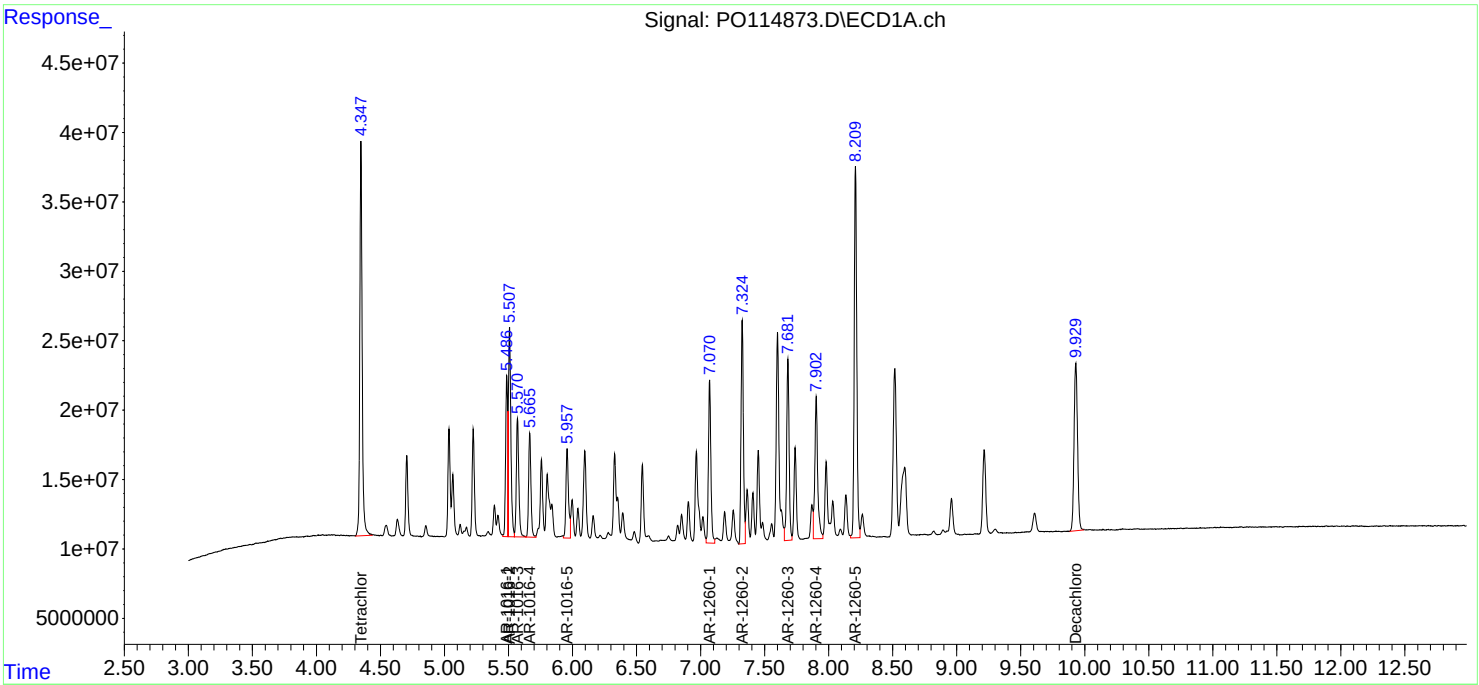
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

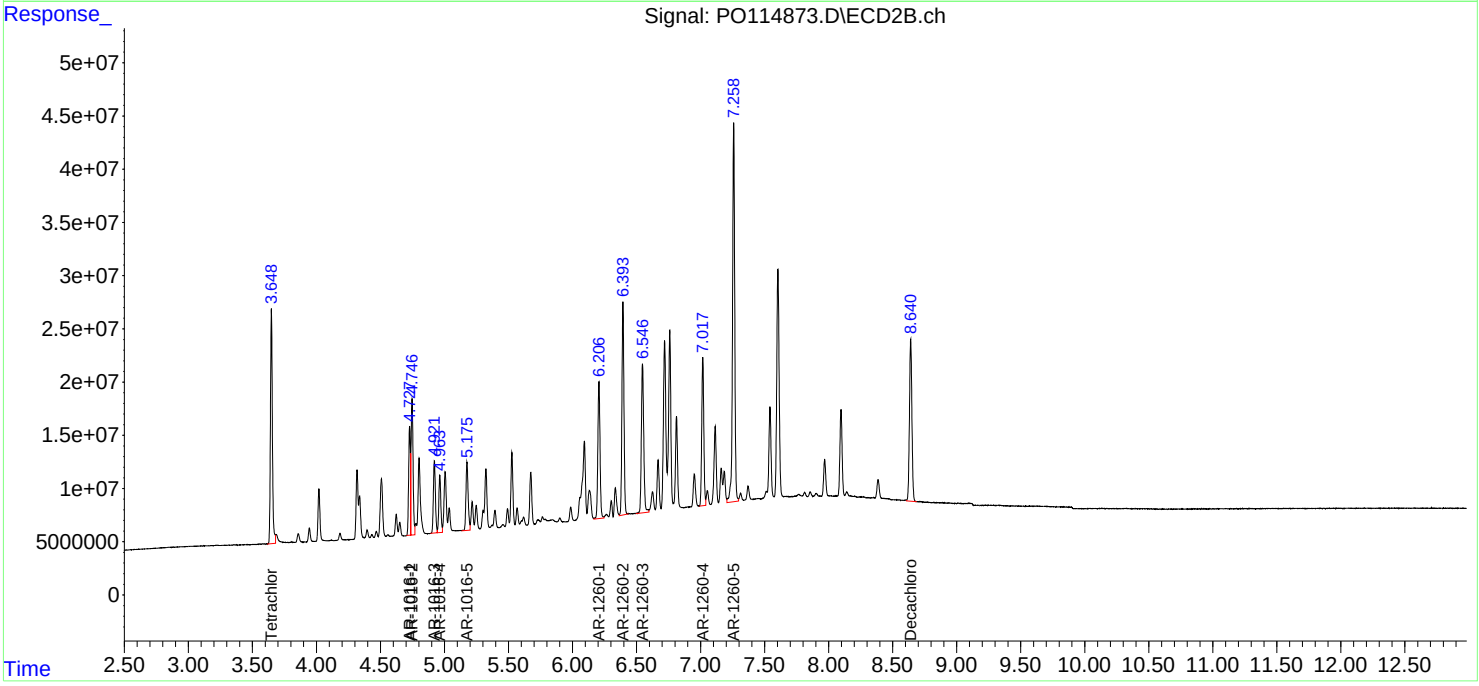
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114873.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 10:16
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

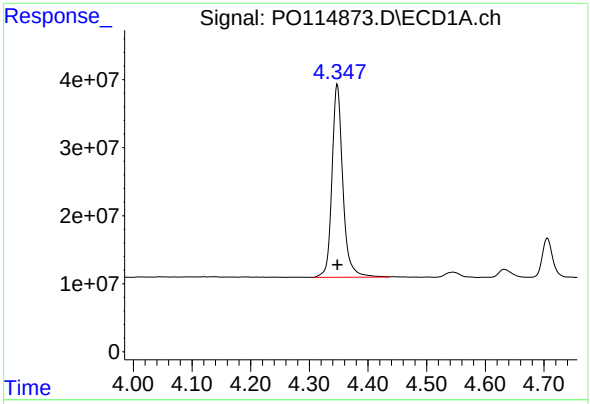
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 10:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 10:34:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



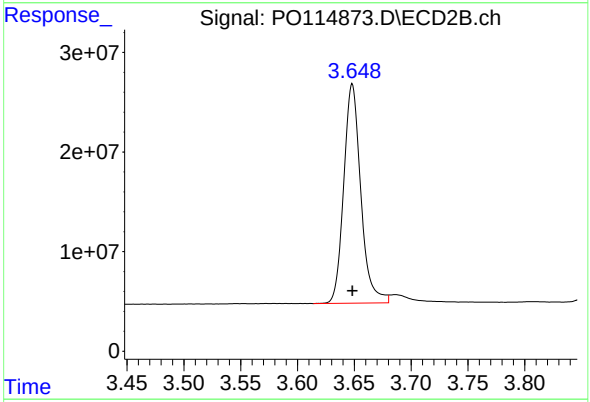




#1 Tetrachloro-m-xylene

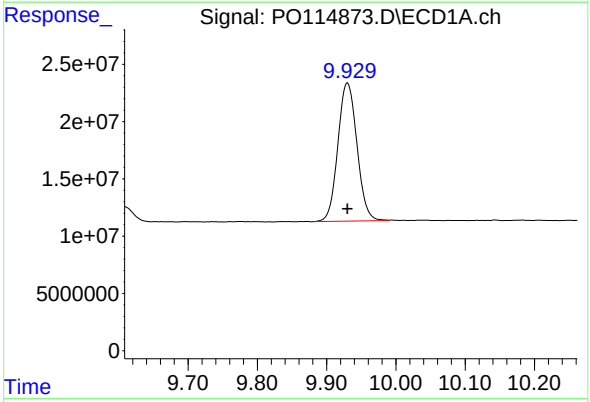
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 365386397
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



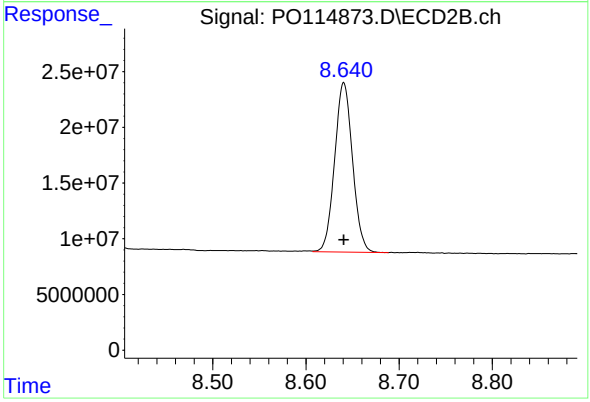
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 230548427
Conc: 50.00 ng/ml



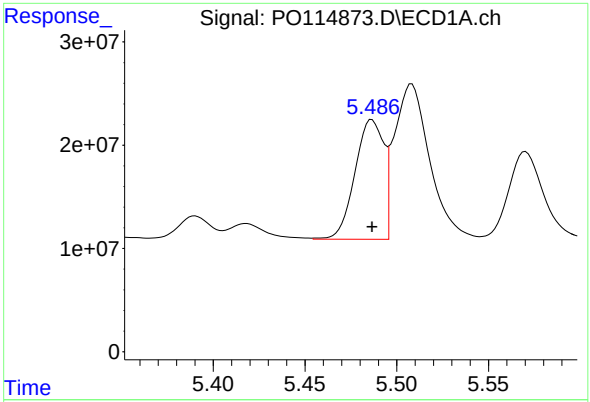
#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 230628086
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

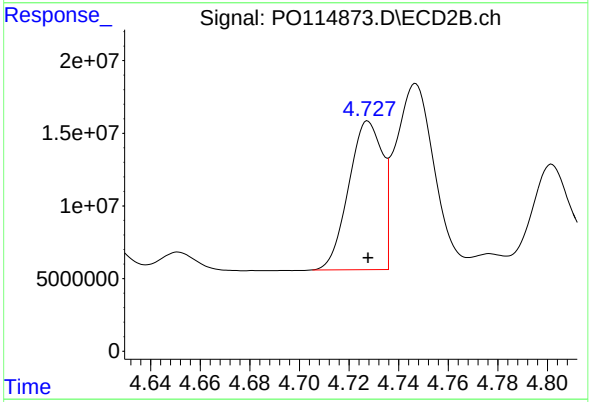
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 202581766
Conc: 50.00 ng/ml



#3 AR-1016-1

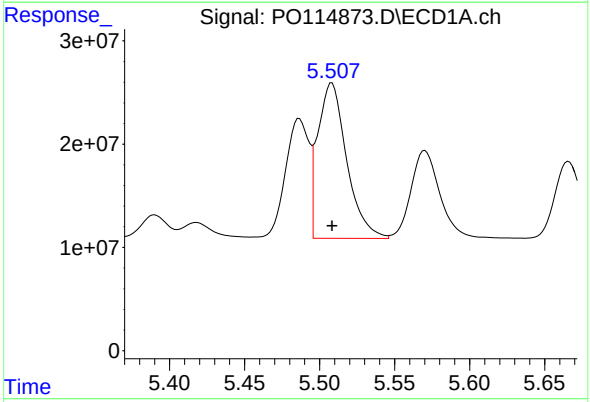
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 126150306
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



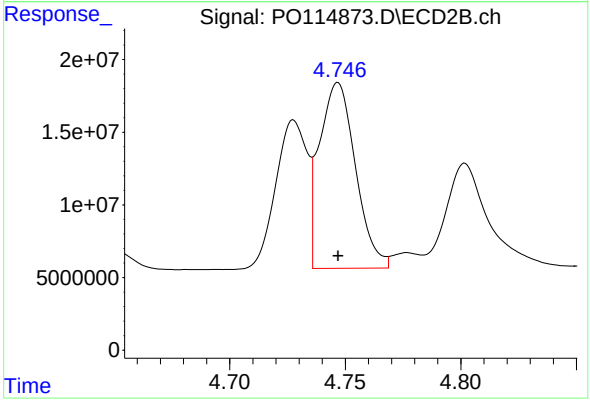
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 96553401
Conc: 500.00 ng/ml



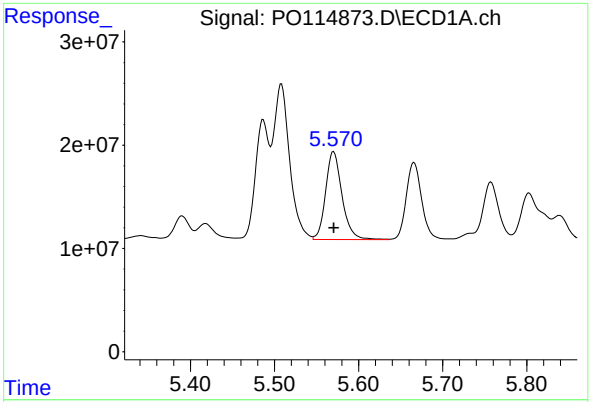
#4 AR-1016-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 201717680
Conc: 500.00 ng/ml



#4 AR-1016-2

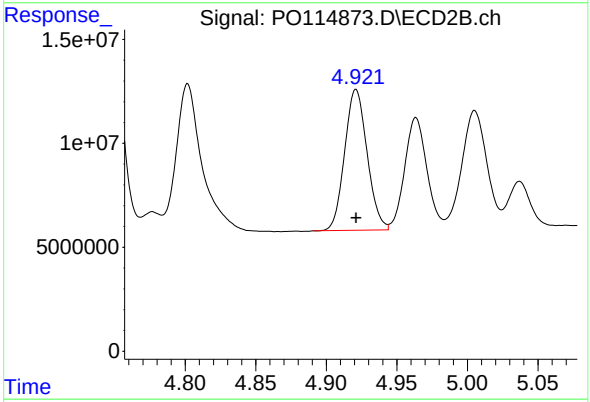
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 138796584
Conc: 500.00 ng/ml



#5 AR-1016-3

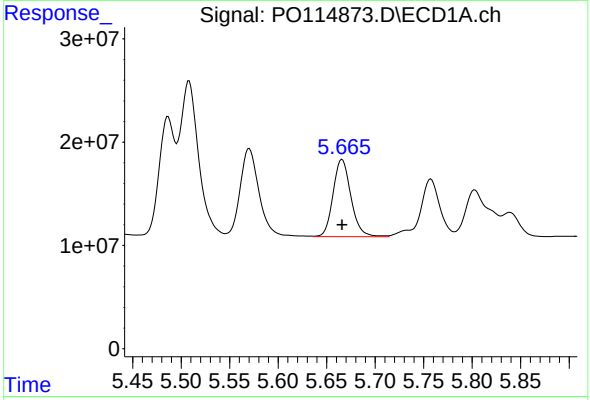
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 115255165
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



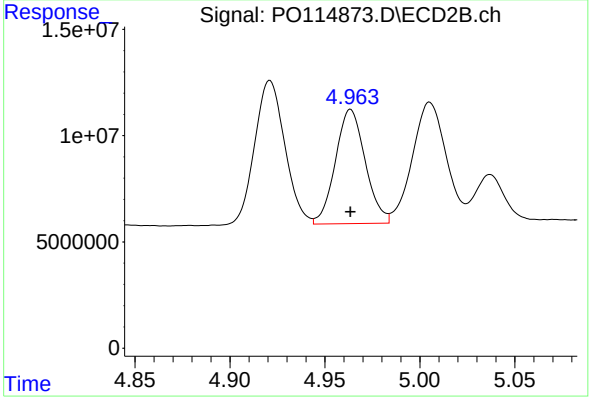
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 75100763
Conc: 500.00 ng/ml



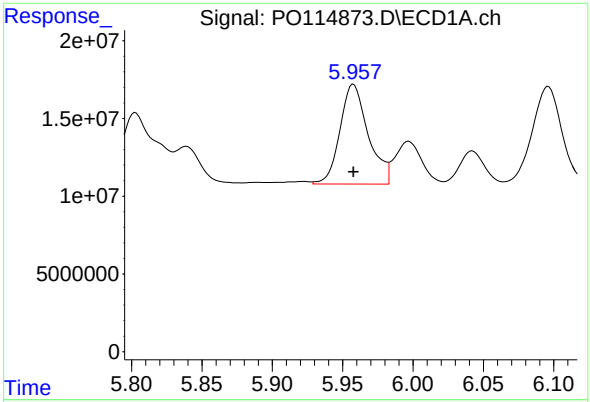
#6 AR-1016-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 95921114
Conc: 500.00 ng/ml



#6 AR-1016-4

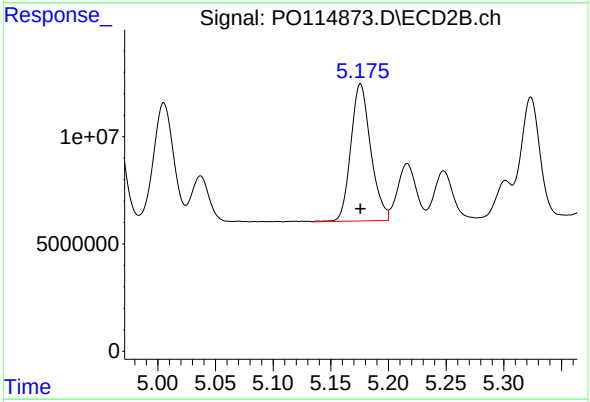
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 58860841
Conc: 500.00 ng/ml



#7 AR-1016-5

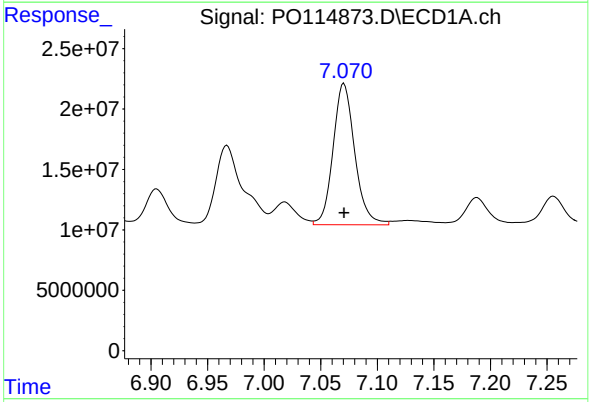
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 89793587
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



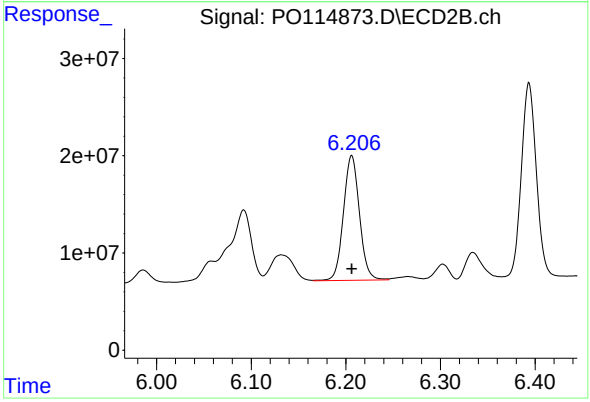
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 76805878
Conc: 500.00 ng/ml



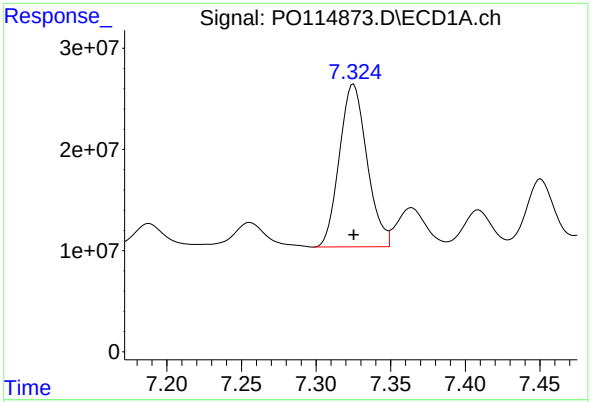
#31 AR-1260-1

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 155957183
Conc: 500.00 ng/ml



#31 AR-1260-1

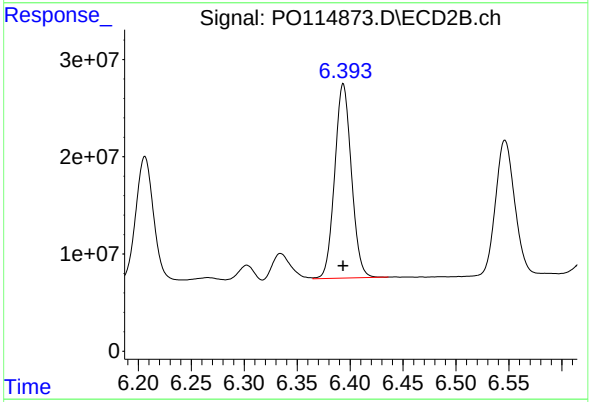
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 151274833
Conc: 500.00 ng/ml



#32 AR-1260-2

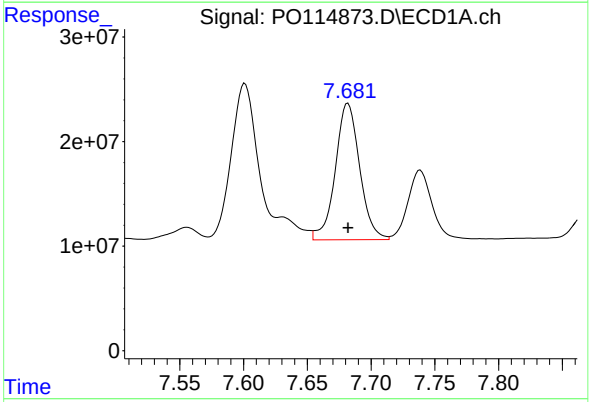
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 207176093
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



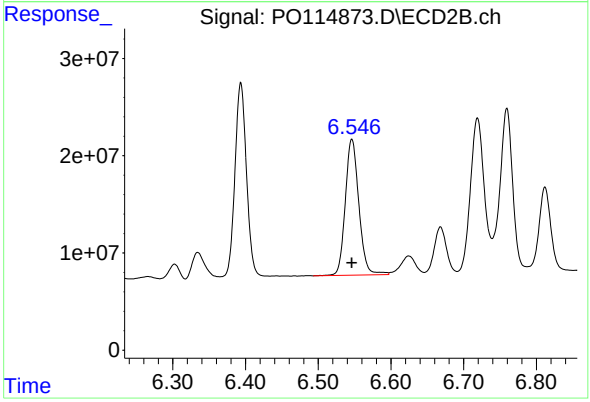
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 220086574
Conc: 500.00 ng/ml



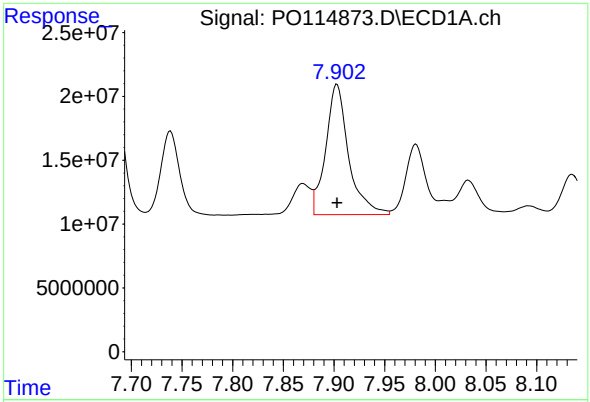
#33 AR-1260-3

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 173928979
Conc: 500.00 ng/ml



#33 AR-1260-3

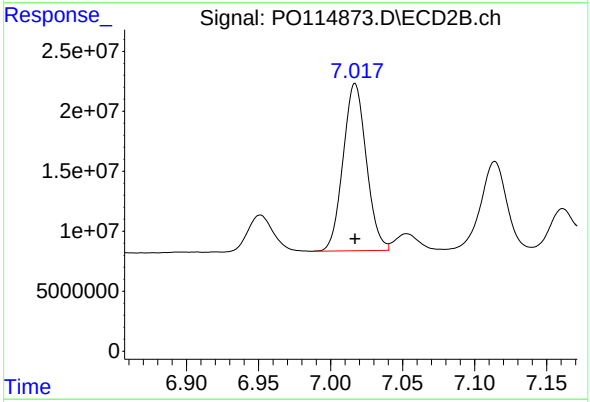
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 181103203
Conc: 500.00 ng/ml



#34 AR-1260-4

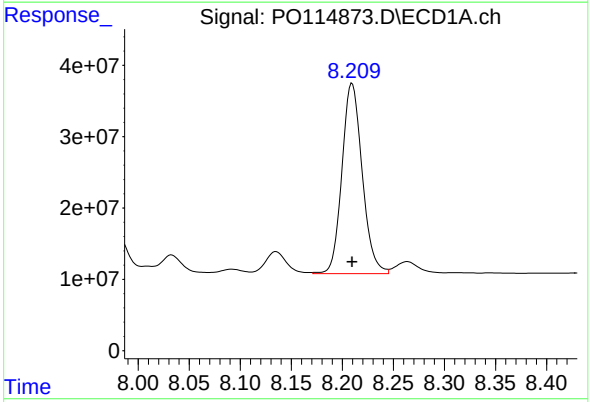
R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 160563236
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



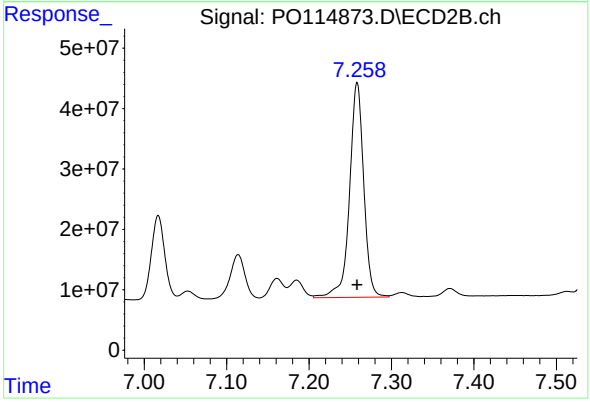
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 156565359
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 368613081
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 425541354
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114874.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 10:34
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 10:51:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 10:51:10 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	178.9E6	114.3E6	24.980	25.185
2)	SA Decachlor...	9.931	8.641	113.1E6	99940807	24.991	25.495
	Target Compounds						
3)	L1 AR-1016-1	5.487	4.728	63082681	50233033	256.898	264.953
4)	L1 AR-1016-2	5.508	4.747	102.1E6	71623831	257.800	262.284
5)	L1 AR-1016-3	5.571	4.922	57877004	38740548	257.884	262.645
6)	L1 AR-1016-4	5.666	4.964	48185541	30706984	257.129	266.335
7)	L1 AR-1016-5	5.958	5.176	45193184	39497531	258.081	262.734
31)	L7 AR-1260-1	7.071	6.206	82390508	76748645	267.021	260.958m
32)	L7 AR-1260-2	7.325	6.393	104.6E6	110.4E6	256.906	256.862m
33)	L7 AR-1260-3	7.682	6.546	87036945	91550478	254.611	261.237
34)	L7 AR-1260-4	7.904	7.017	80376848	79127311	255.753	257.915
35)	L7 AR-1260-5	8.211	7.258	179.9E6	211.6E6	248.441	252.850

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114874.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 10:34
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

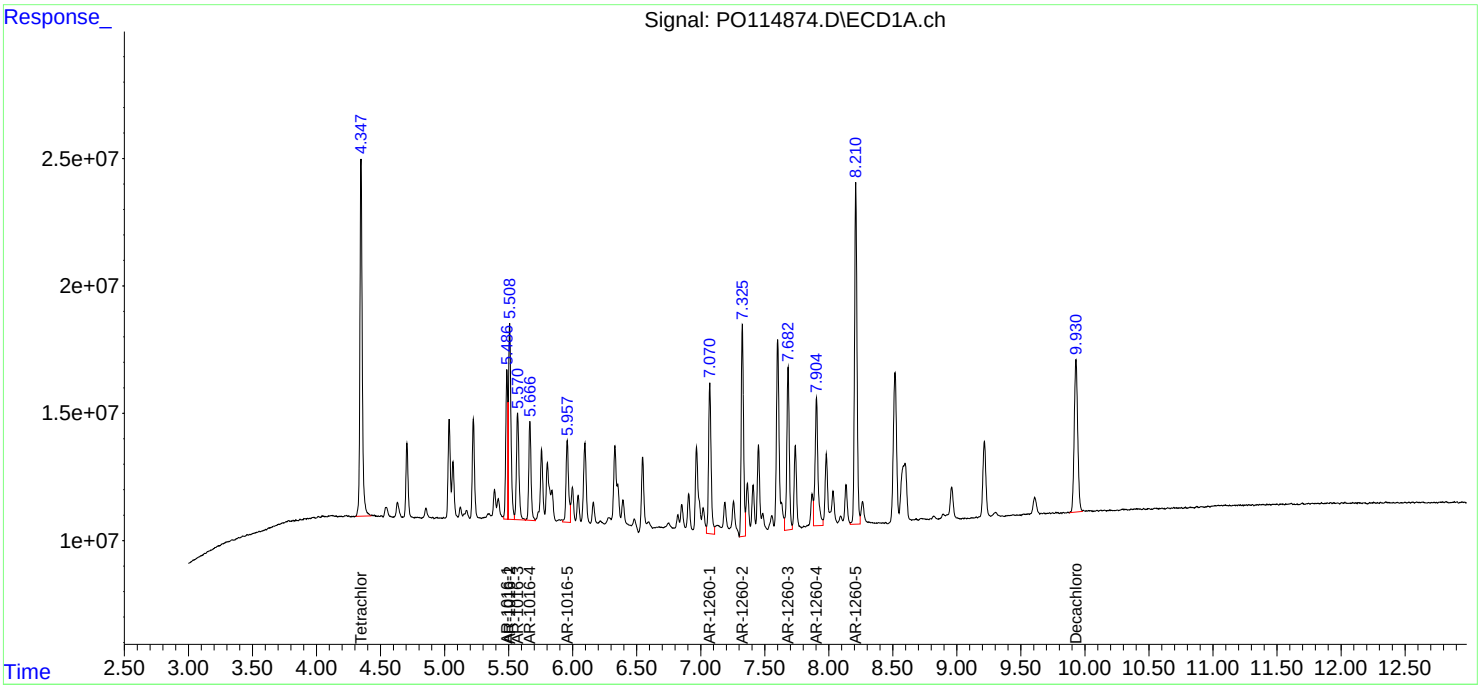
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

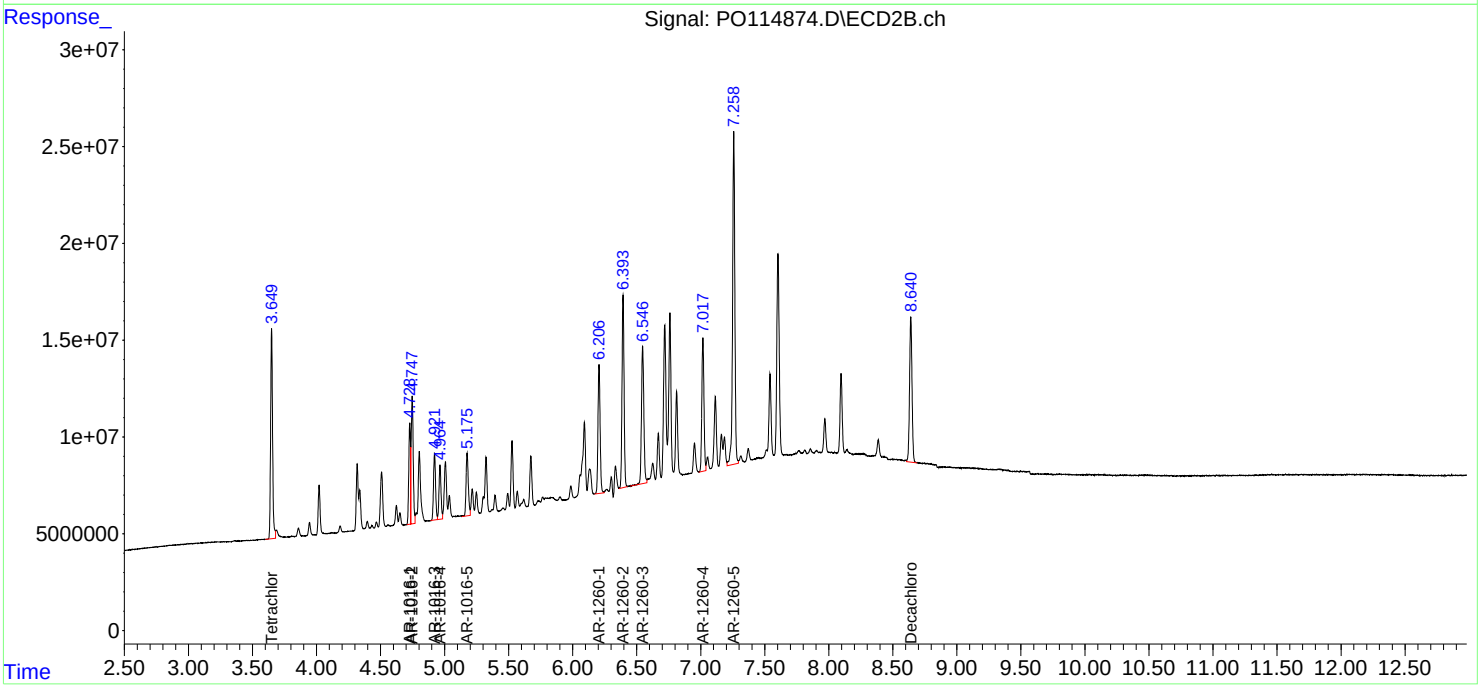
Manual Integrations APPROVED

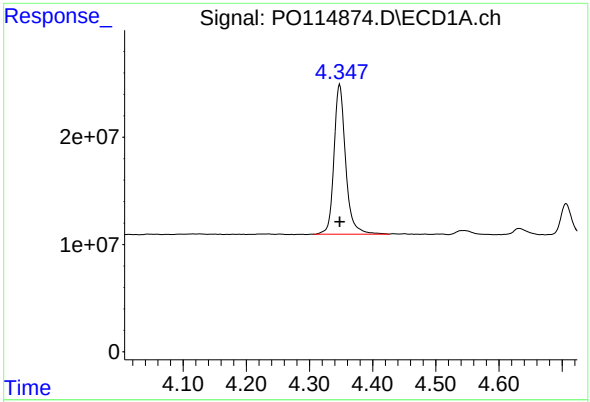
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 10:51:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 10:51:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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







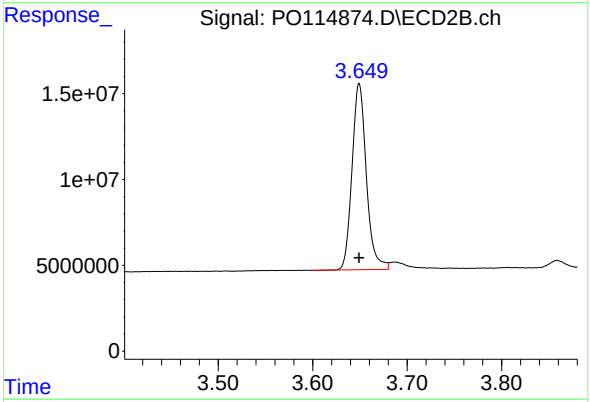
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 178901880
Conc: 24.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

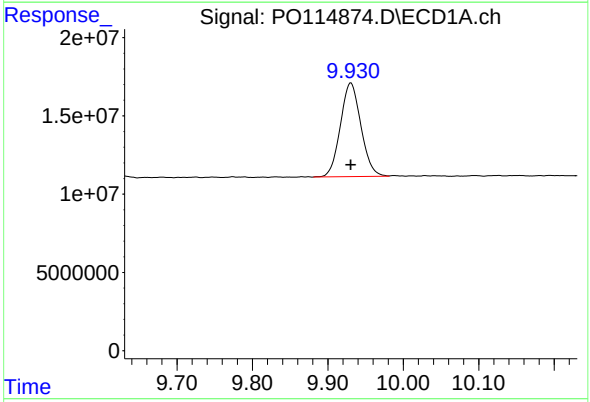
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



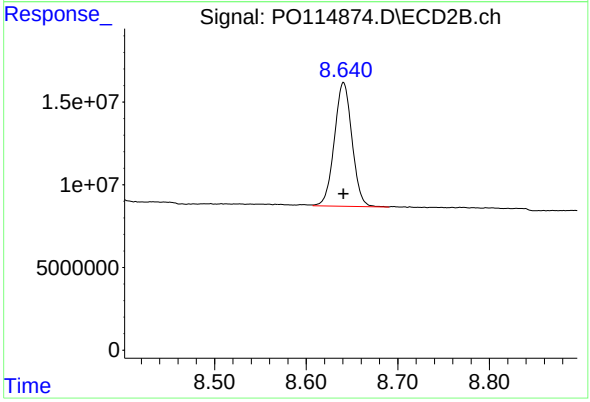
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 114346558
Conc: 25.18 ng/ml



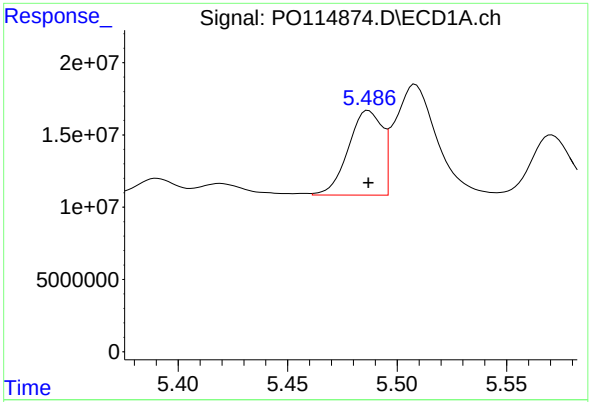
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 113121734
Conc: 24.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 99940807
Conc: 25.50 ng/ml



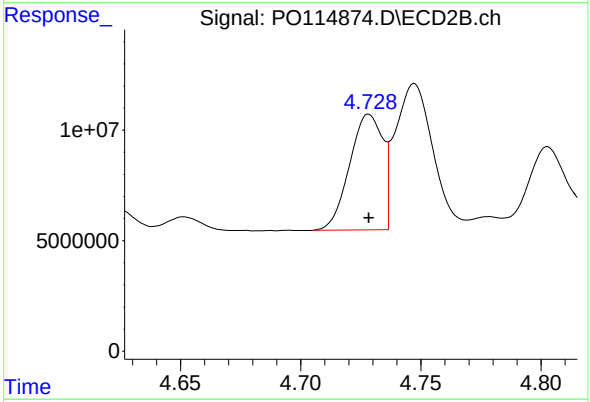
#3 AR-1016-1

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 63082681
Conc: 256.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

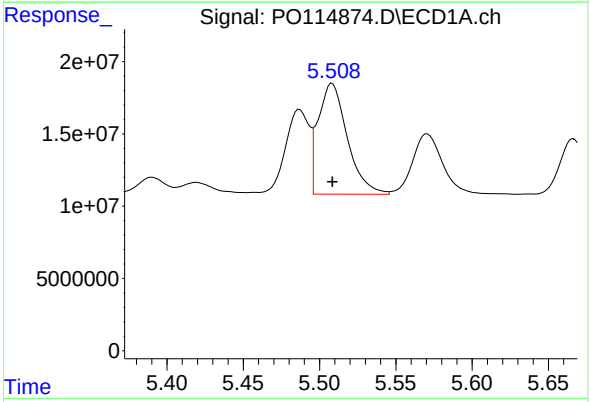
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



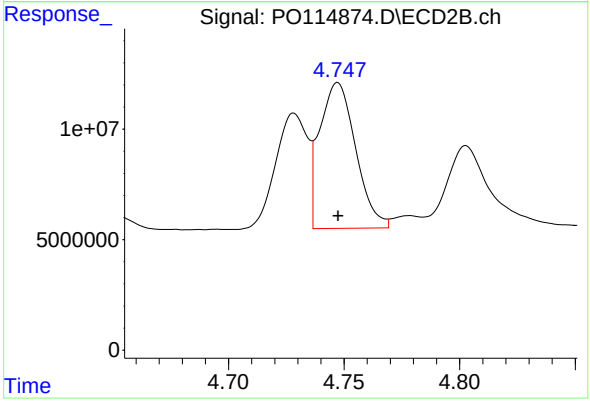
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 50233033
Conc: 264.95 ng/ml



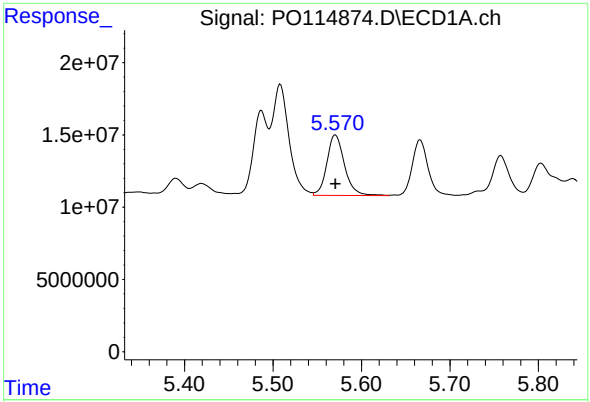
#4 AR-1016-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 102057148
Conc: 257.80 ng/ml



#4 AR-1016-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 71623831
Conc: 262.28 ng/ml



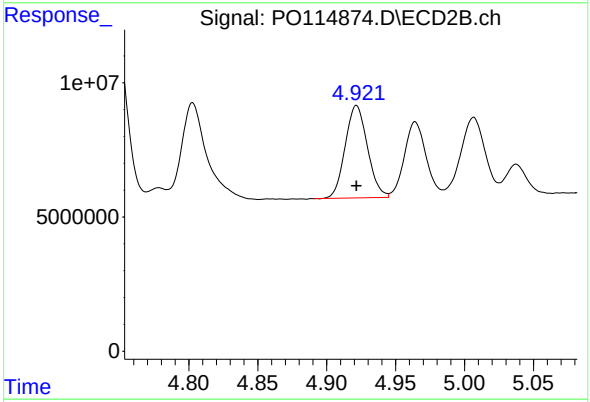
#5 AR-1016-3

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 57877004
Conc: 257.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

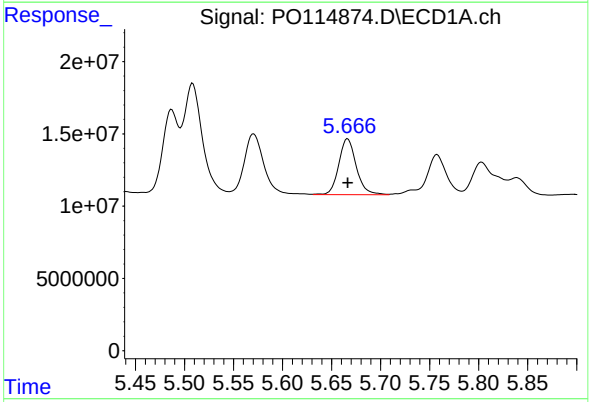
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



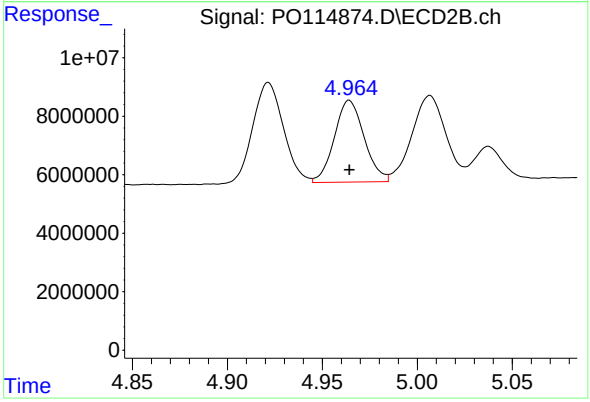
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 38740548
Conc: 262.64 ng/ml



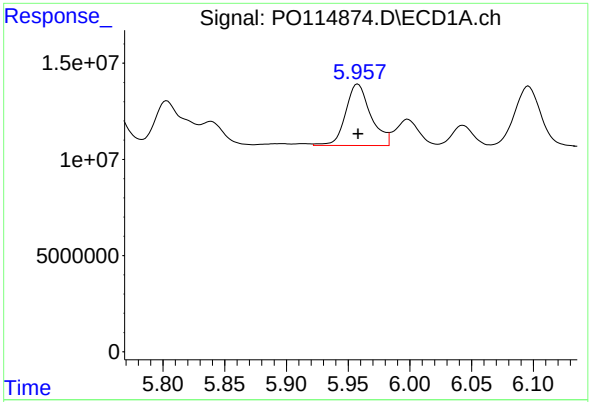
#6 AR-1016-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 48185541
Conc: 257.13 ng/ml



#6 AR-1016-4

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 30706984
Conc: 266.33 ng/ml



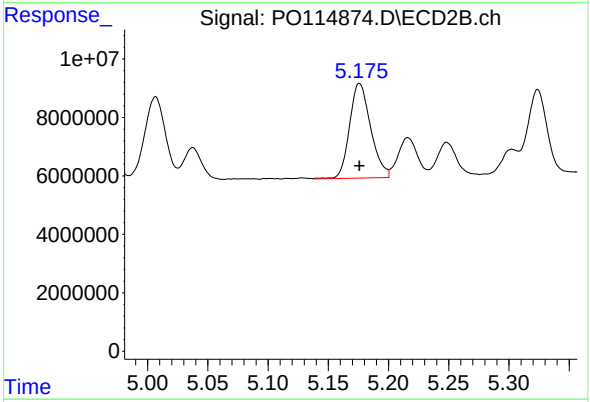
#7 AR-1016-5

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 45193184
Conc: 258.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

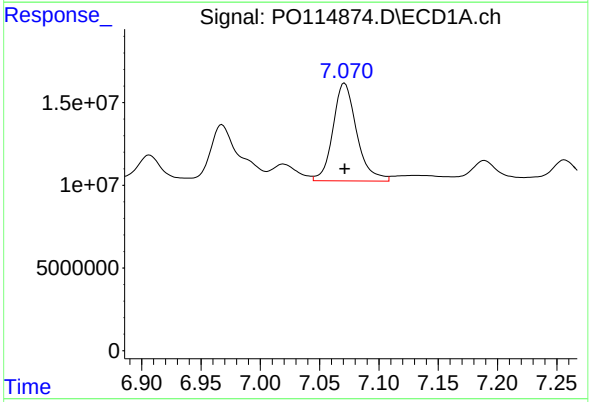
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



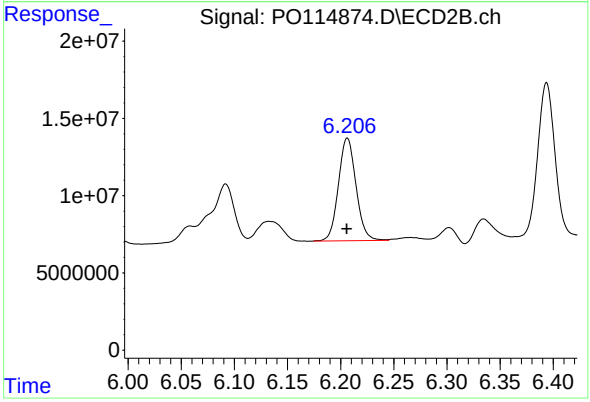
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 39497531
Conc: 262.73 ng/ml



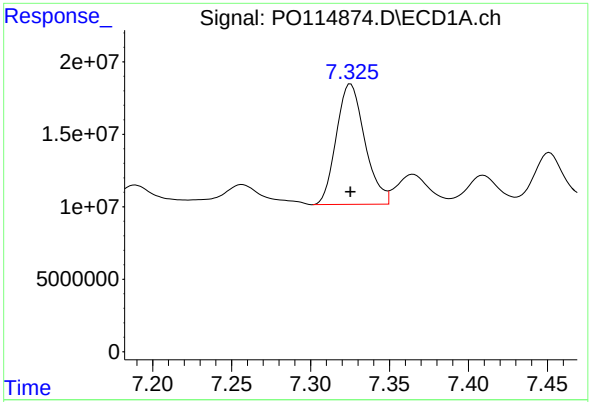
#31 AR-1260-1

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 82390508
Conc: 267.02 ng/ml



#31 AR-1260-1

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 76748645
Conc: 260.96 ng/ml m



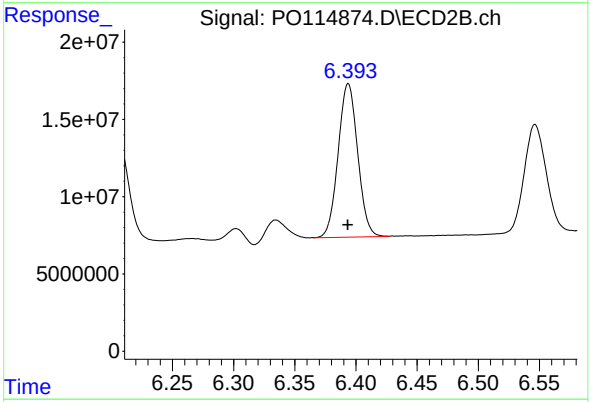
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 104634210
Conc: 256.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

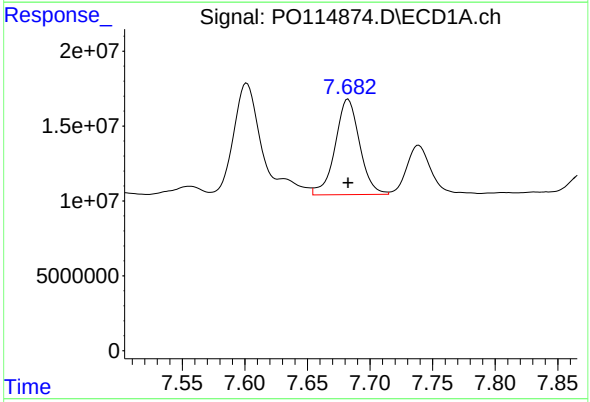
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



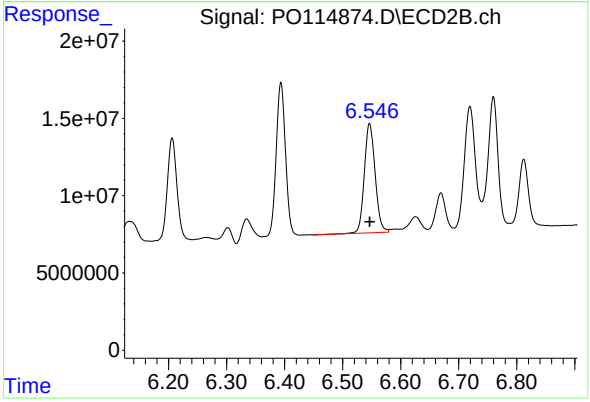
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 110412618
Conc: 256.86 ng/ml m



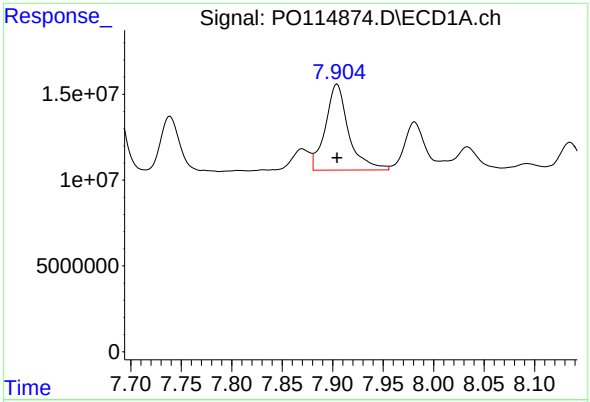
#33 AR-1260-3

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 87036945
Conc: 254.61 ng/ml



#33 AR-1260-3

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 91550478
Conc: 261.24 ng/ml



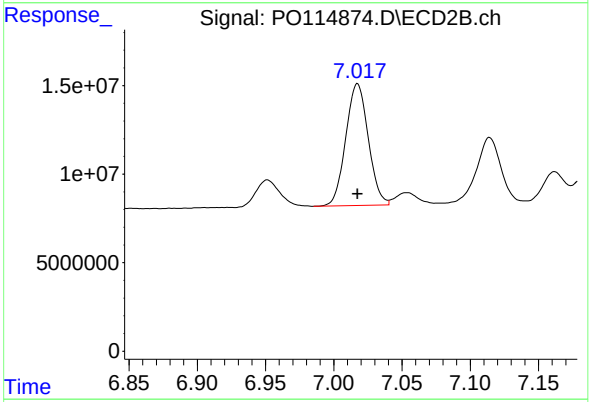
#34 AR-1260-4

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 80376848
Conc: 255.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

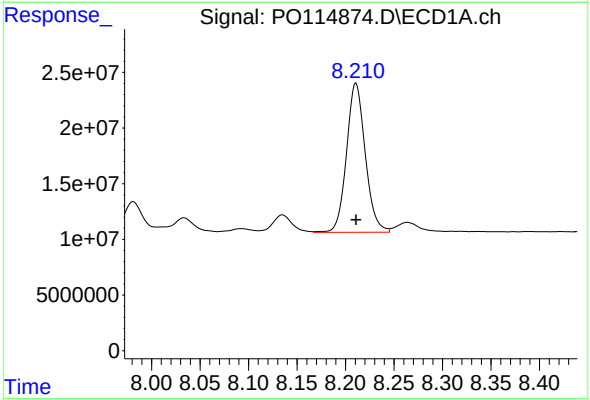
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



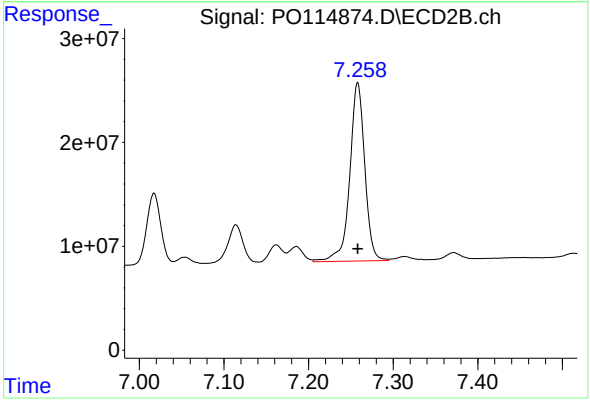
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 79127311
Conc: 257.92 ng/ml



#35 AR-1260-5

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 179853912
Conc: 248.44 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 211633042
Conc: 252.85 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 10:53
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:09:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 11:09:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	32718093	20863393	4.649	4.671
2)	SA Decachlor...	9.933	8.641	19977638	19195926	4.520	4.917
	Target Compounds						
3)	L1 AR-1016-1	5.487	4.727	12394002	9645398	50.378	50.697
4)	L1 AR-1016-2	5.509	4.747	20092235	13100544	50.601	48.366
5)	L1 AR-1016-3	5.572	4.921	10864128	7492939	48.718	51.057m
6)	L1 AR-1016-4	5.666	4.964	9739118	6295497	51.564	53.616
7)	L1 AR-1016-5	5.959	5.175	9526800	8111827	53.462	53.507m
31)	L7 AR-1260-1	7.071	6.206	14697577	15721569	48.664m	53.302m
32)	L7 AR-1260-2	7.325	6.392	17512148	21836937	45.034m	51.096m
33)	L7 AR-1260-3	7.682	6.546	14586032	17697890	44.584m	50.400
34)	L7 AR-1260-4	7.904	7.017	13400012	14397971	44.028m	47.514
35)	L7 AR-1260-5	8.211	7.258	33518372	38009083	46.996	46.261

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 10:53
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

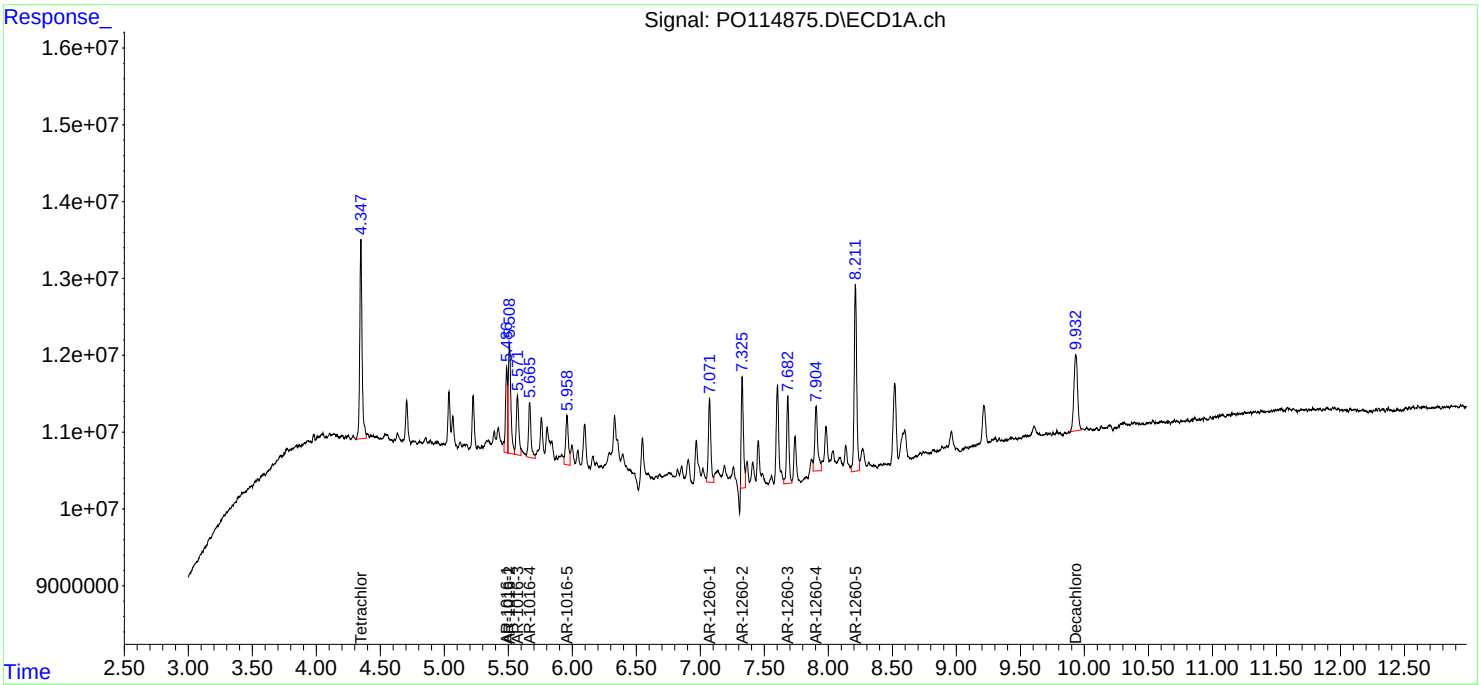
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

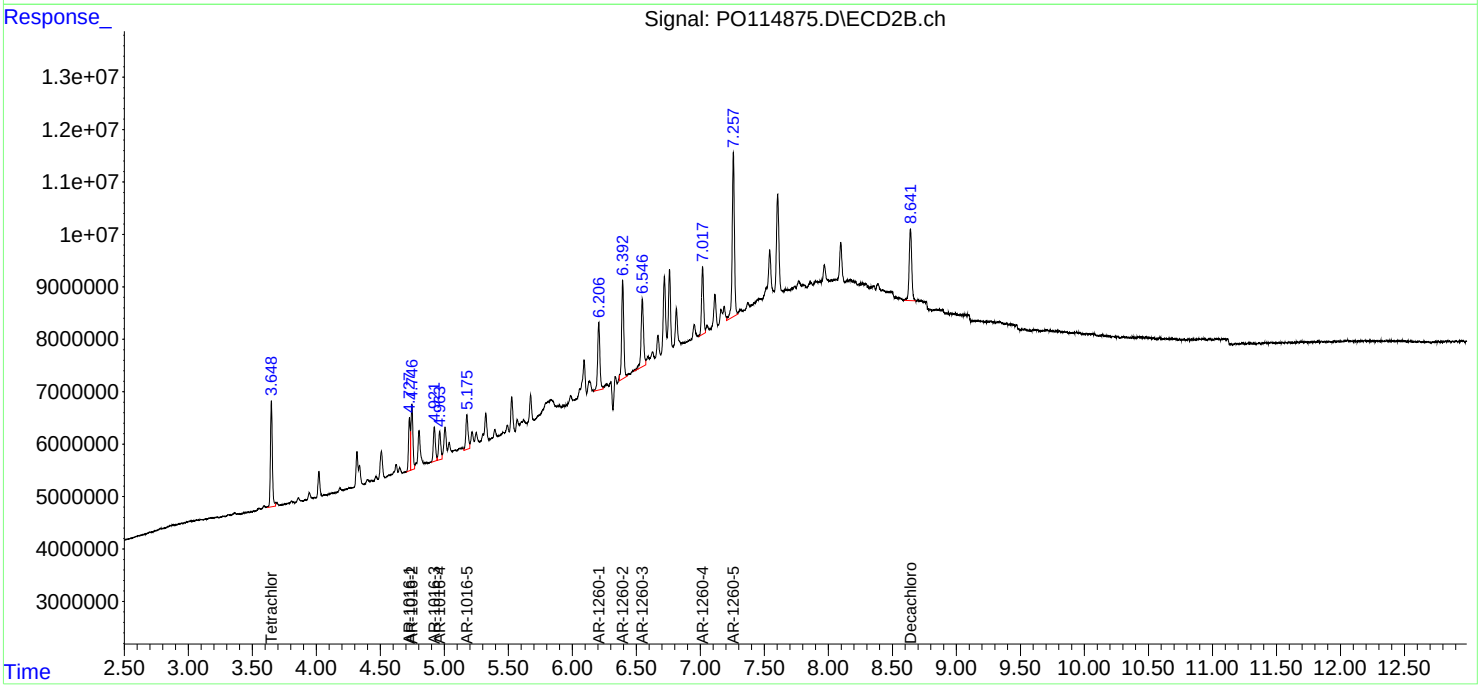
Manual Integrations APPROVED

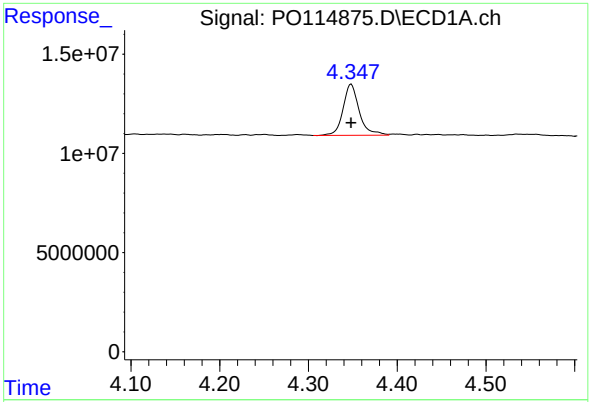
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:09:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 11:09:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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







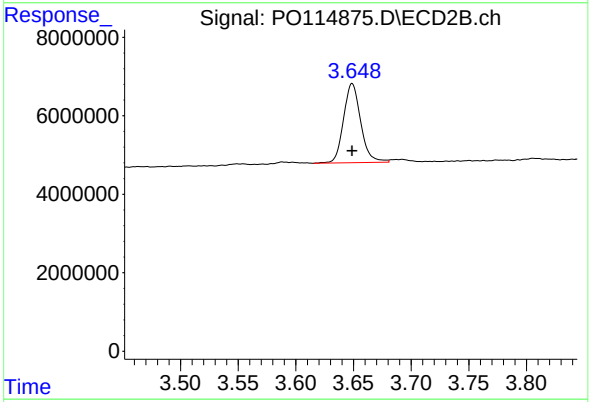
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 32718093
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

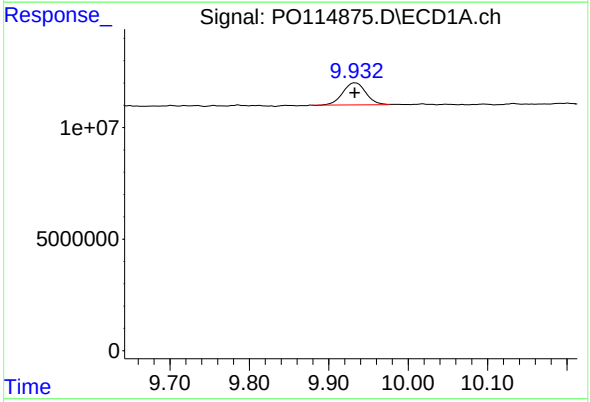
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



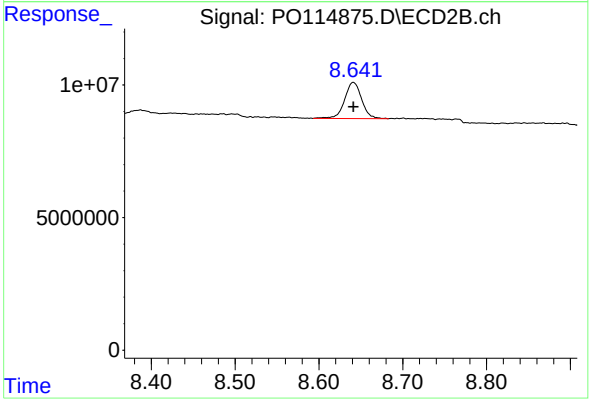
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 20863393
Conc: 4.67 ng/ml



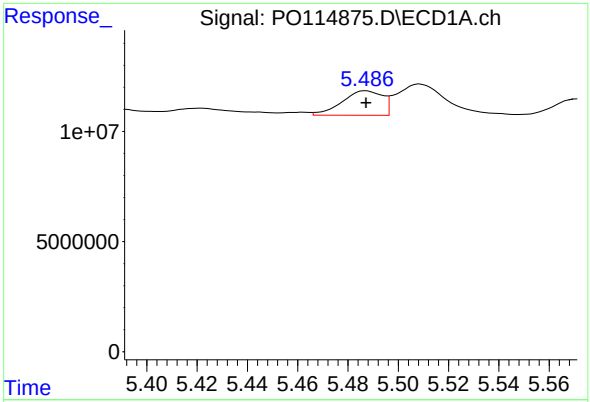
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 19977638
Conc: 4.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 19195926
Conc: 4.92 ng/ml



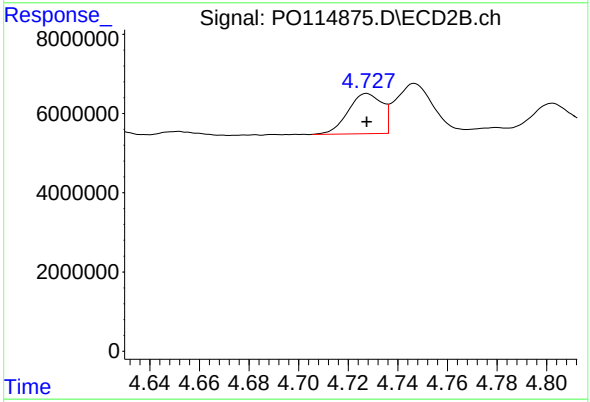
#3 AR-1016-1

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 12394002
Conc: 50.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

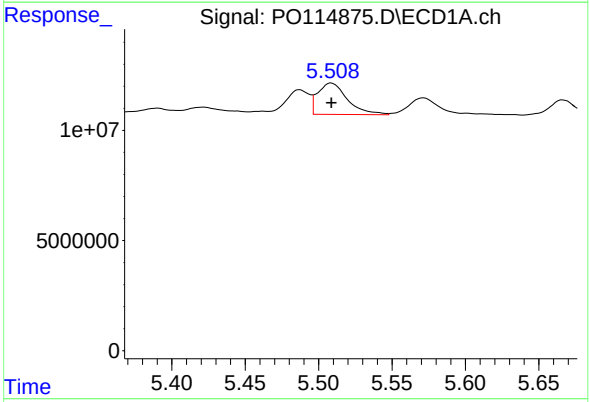
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



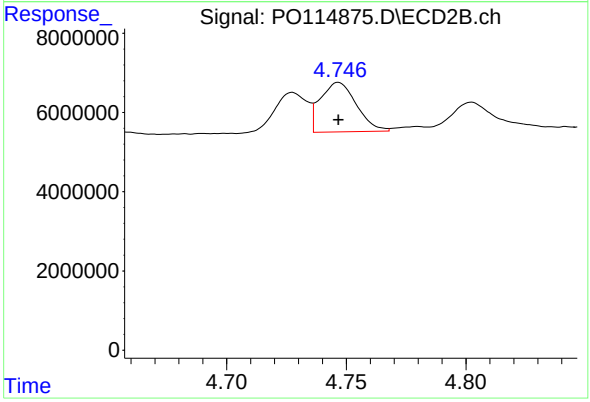
#3 AR-1016-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 9645398
Conc: 50.70 ng/ml



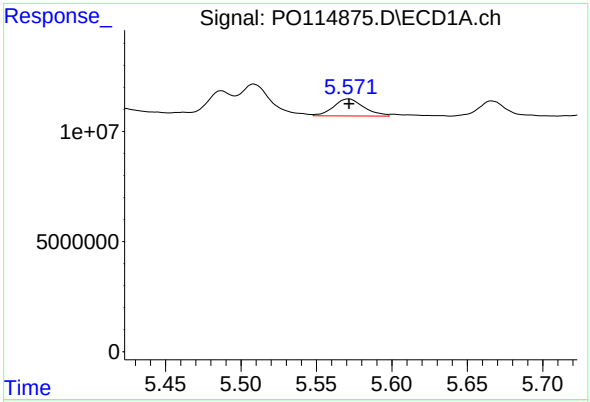
#4 AR-1016-2

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 20092235
Conc: 50.60 ng/ml



#4 AR-1016-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 13100544
Conc: 48.37 ng/ml



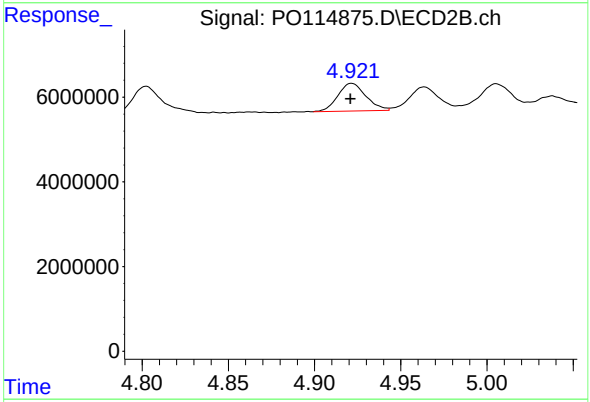
#5 AR-1016-3

R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 10864128
Conc: 48.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

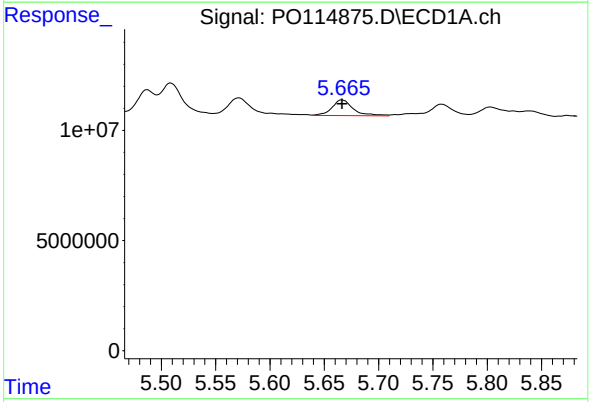
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



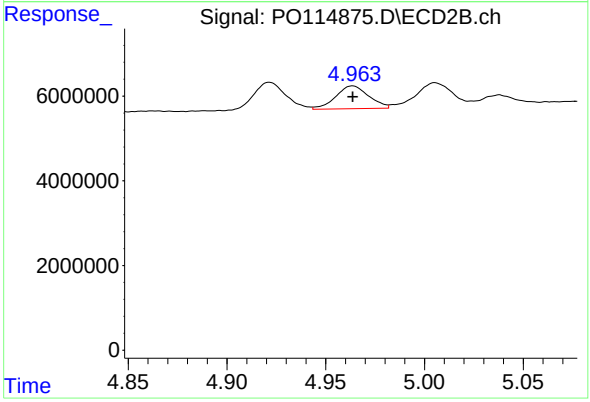
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 7492939
Conc: 51.06 ng/ml m



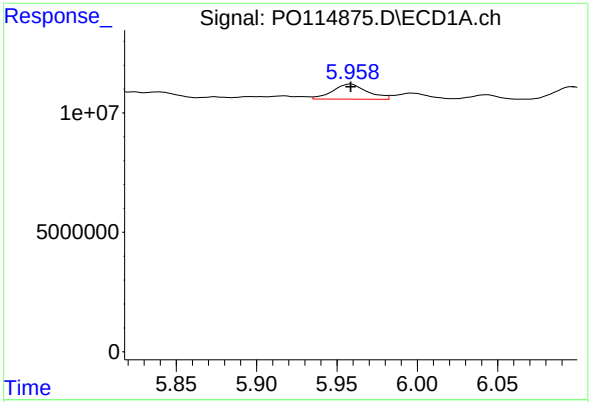
#6 AR-1016-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 9739118
Conc: 51.56 ng/ml



#6 AR-1016-4

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 6295497
Conc: 53.62 ng/ml



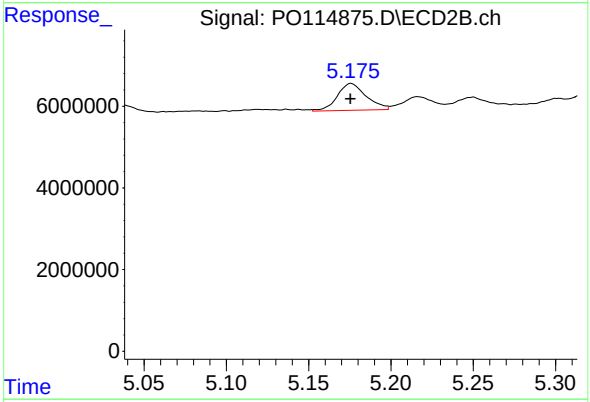
#7 AR-1016-5

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 9526800
Conc: 53.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

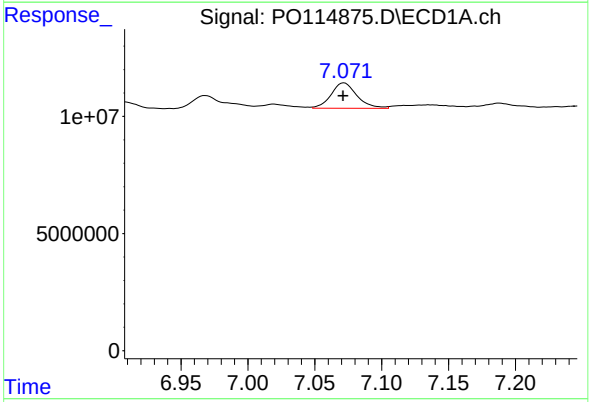
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



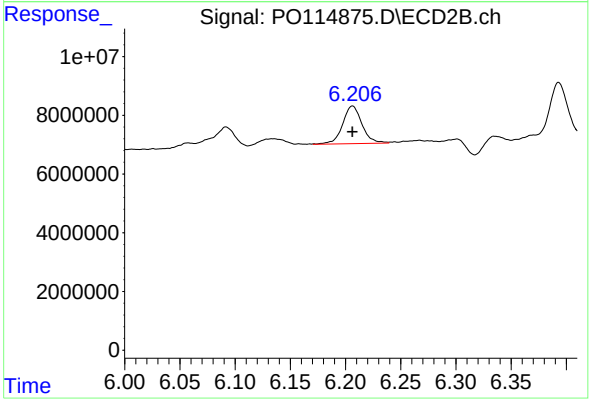
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 8111827
Conc: 53.51 ng/ml m



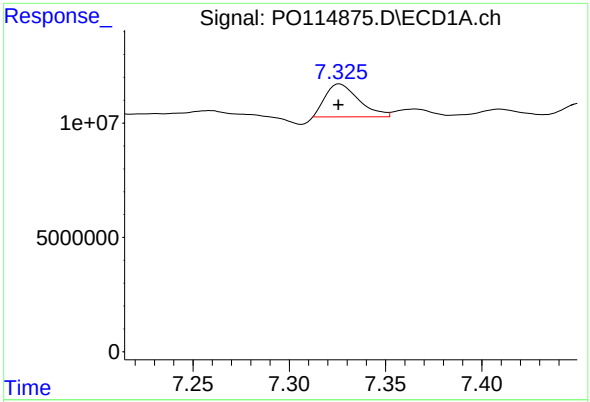
#31 AR-1260-1

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 14697577
Conc: 48.66 ng/ml m



#31 AR-1260-1

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 15721569
Conc: 53.30 ng/ml m



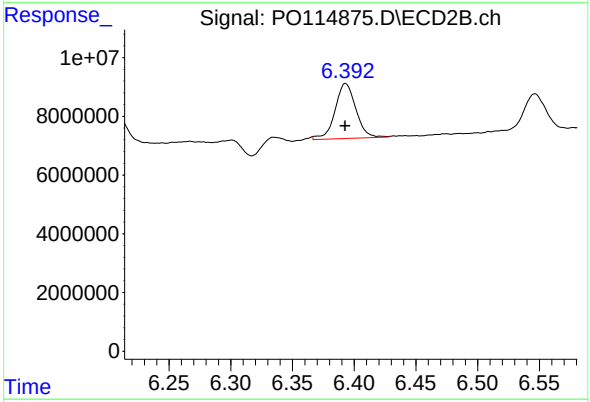
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 17512148
Conc: 45.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

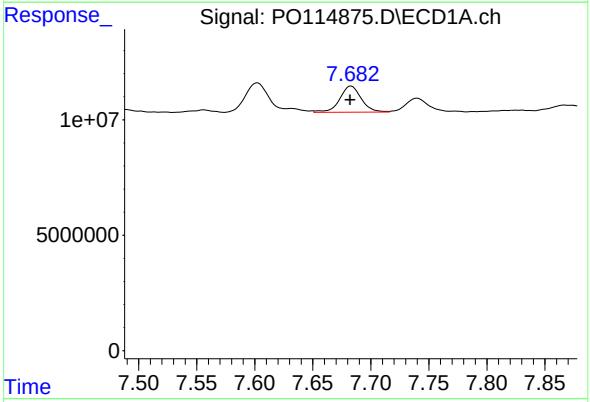
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



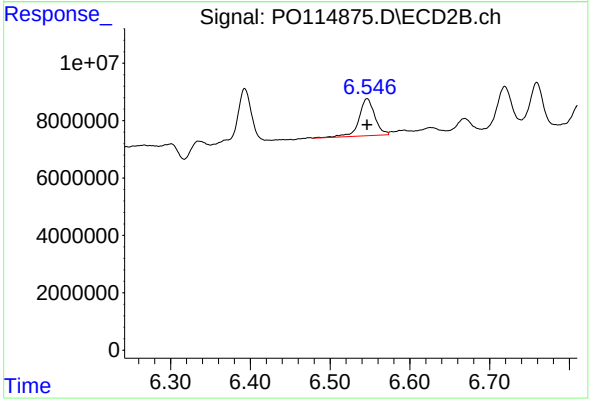
#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 21836937
Conc: 51.10 ng/ml m



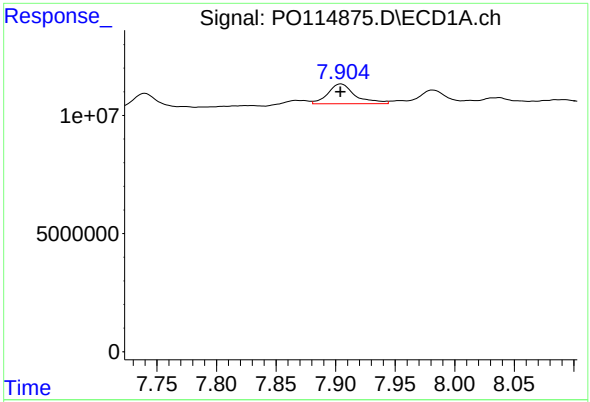
#33 AR-1260-3

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 14586032
Conc: 44.58 ng/ml m



#33 AR-1260-3

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 17697890
Conc: 50.40 ng/ml



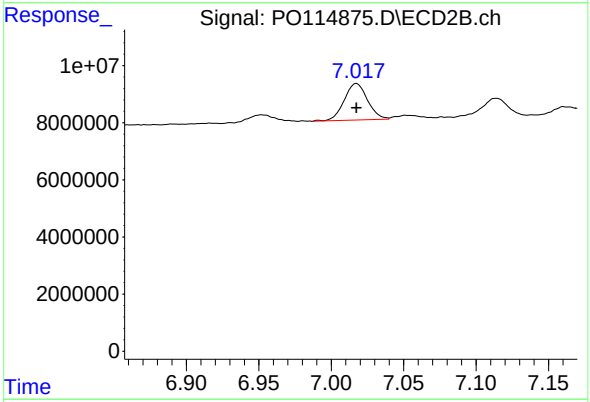
#34 AR-1260-4

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 13400012
Conc: 44.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

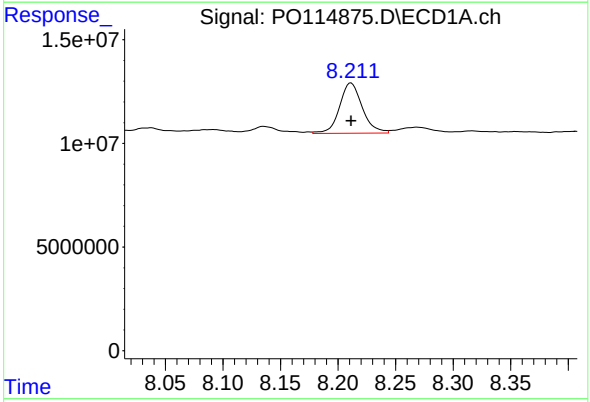
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



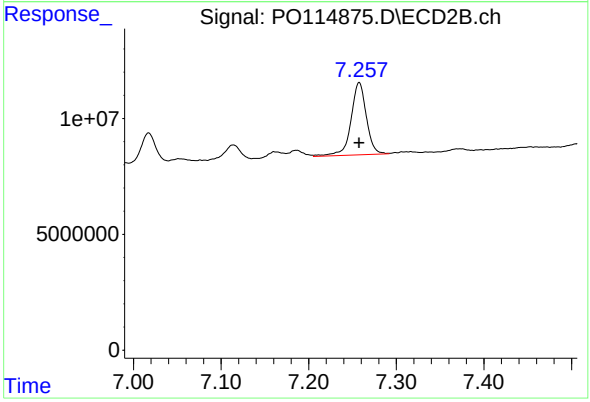
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 14397971
Conc: 47.51 ng/ml



#35 AR-1260-5

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 33518372
Conc: 47.00 ng/ml



#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 38009083
Conc: 46.26 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:11
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: Nov 04 11:57:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 11:57:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	367.5E6	224.3E6	50.000	50.000
2)	SA Decachlor...	9.932	8.641	223.4E6	199.5E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.549	3.860	42062015	30899570	500.000	500.000
9)	L2 AR-1221-2	4.632	3.945	30091751	22818522	500.000	500.000
10)	L2 AR-1221-3	4.706	4.021	96667420	70128648	500.000	500.000

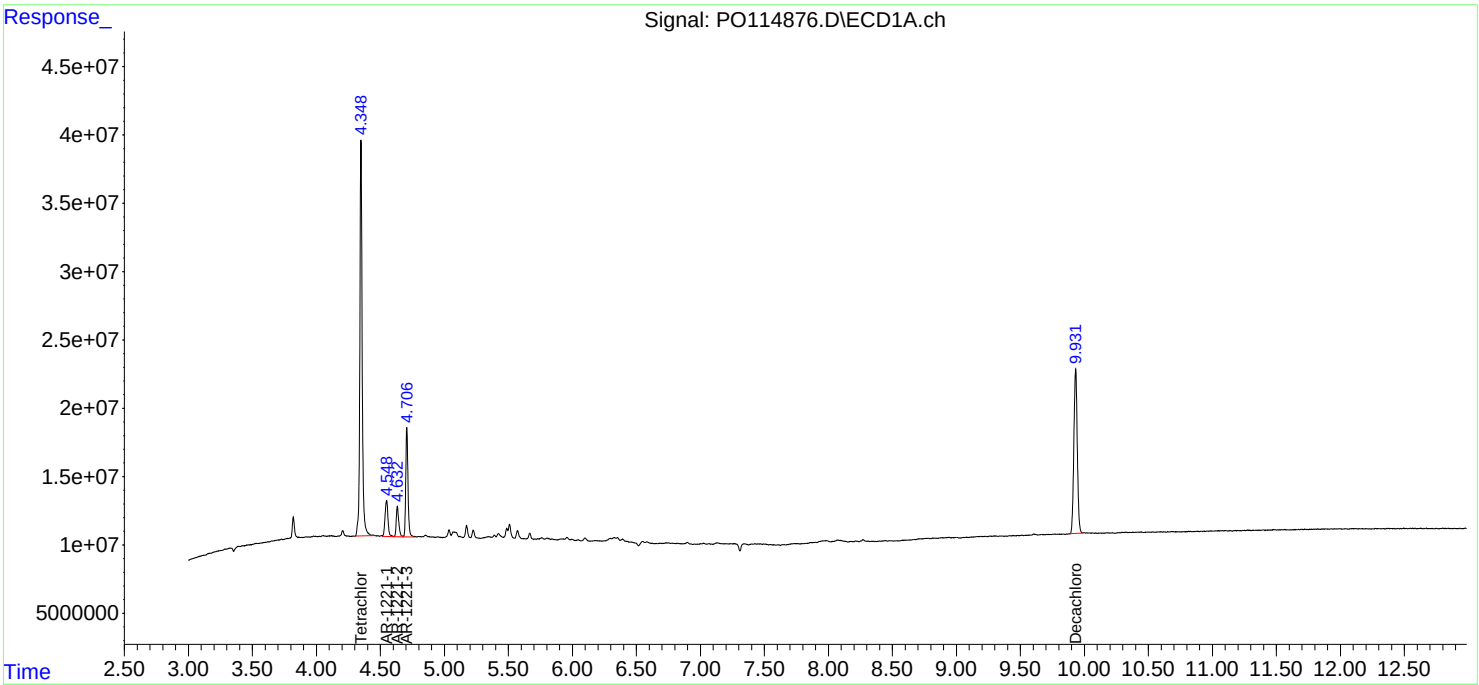
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

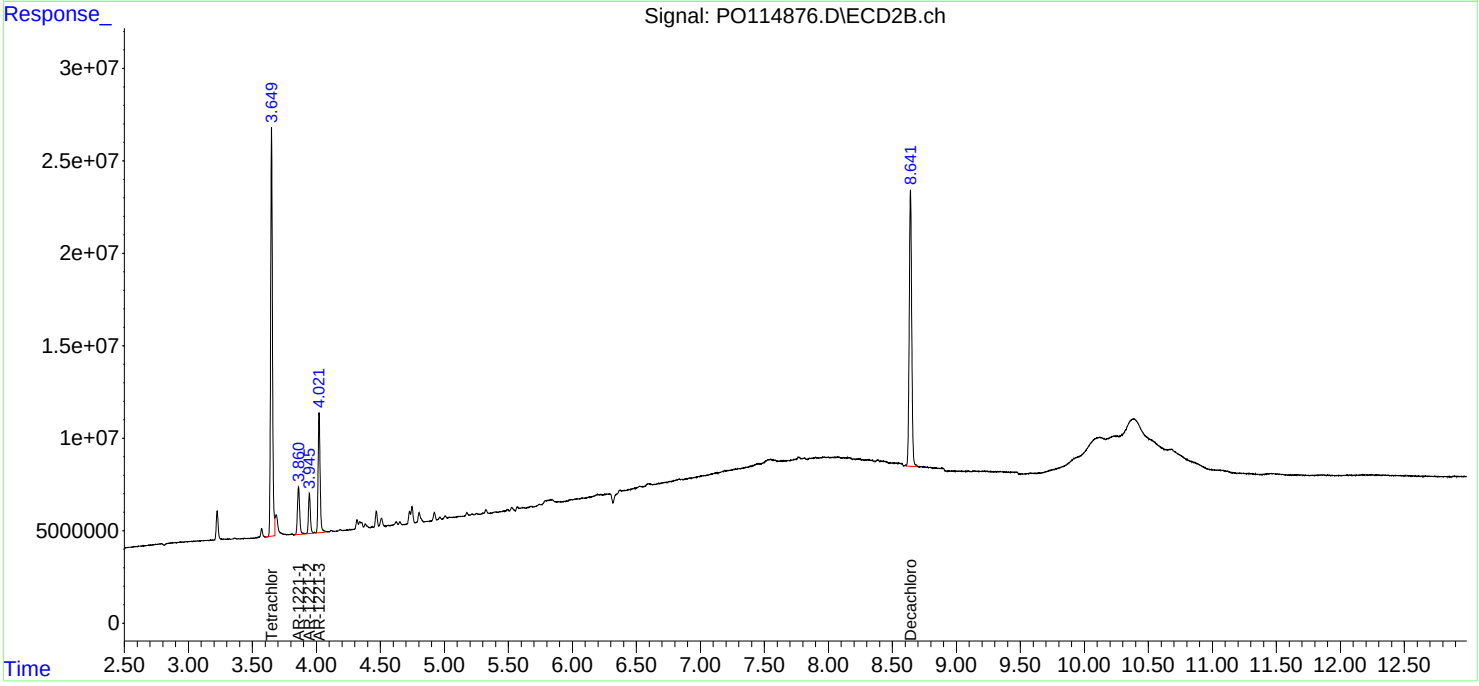
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:11
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

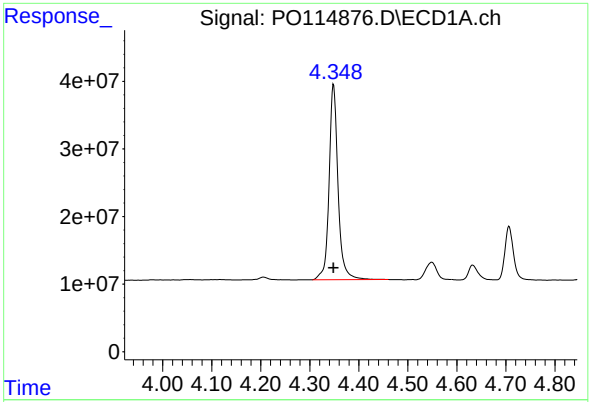
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:57:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 11:57:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



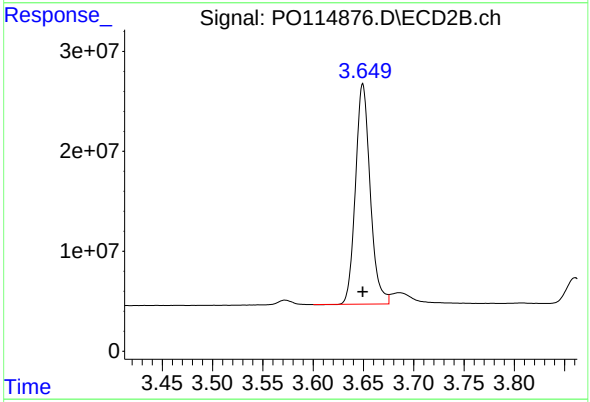




#1 Tetrachloro-m-xylene

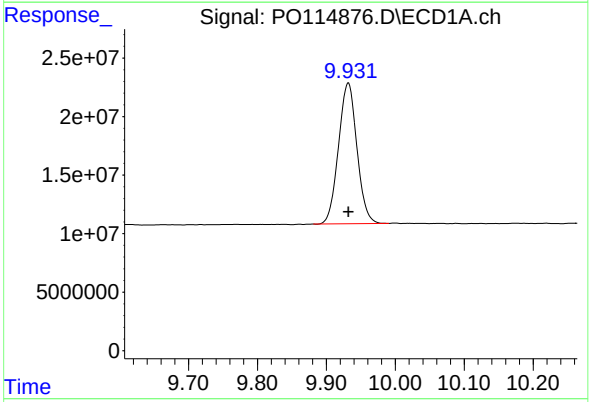
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 367548015
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



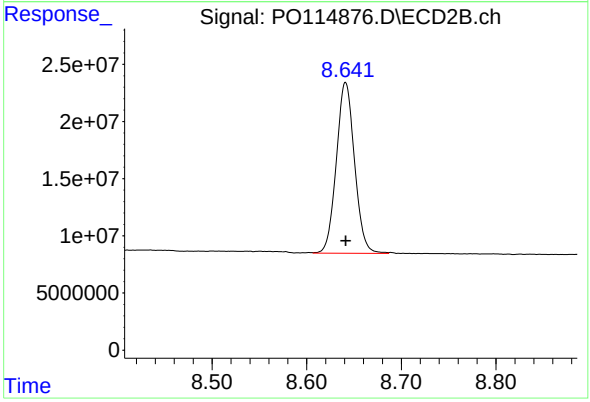
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 224278039
Conc: 50.00 ng/ml



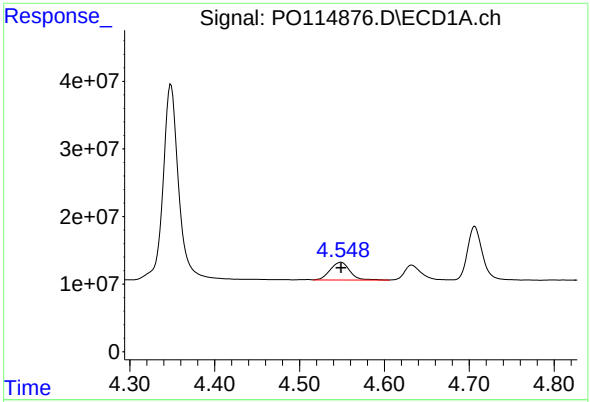
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 223426563
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

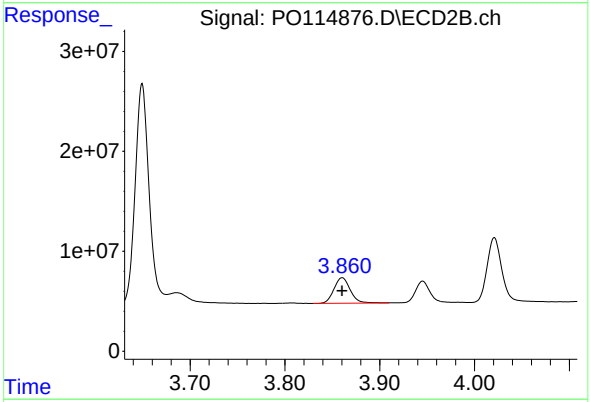
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 199526145
Conc: 50.00 ng/ml



#8 AR-1221-1

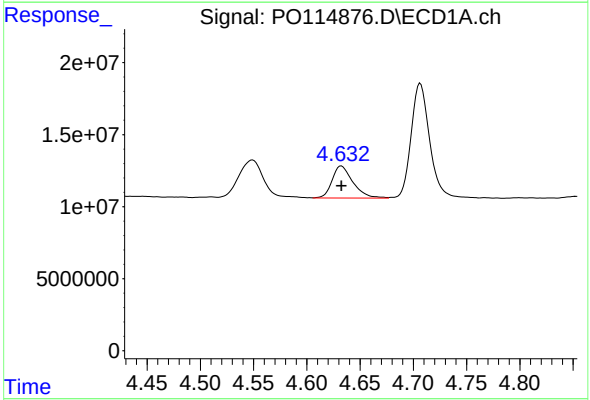
R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 42062015
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



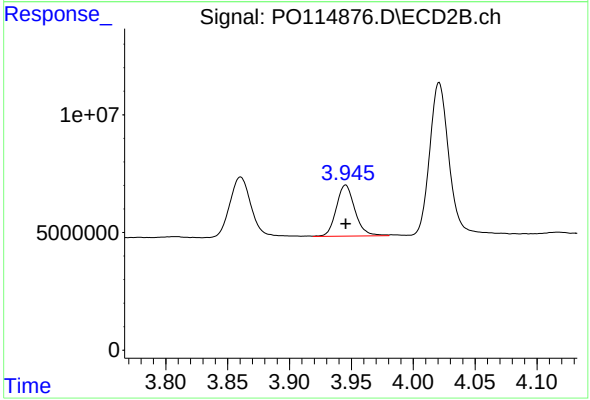
#8 AR-1221-1

R.T.: 3.860 min
Delta R.T.: 0.000 min
Response: 30899570
Conc: 500.00 ng/ml



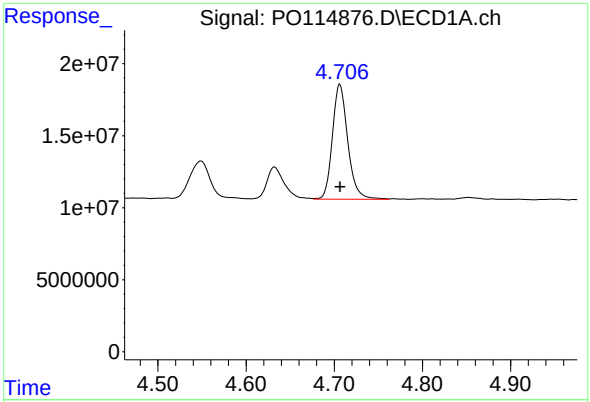
#9 AR-1221-2

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 30091751
Conc: 500.00 ng/ml



#9 AR-1221-2

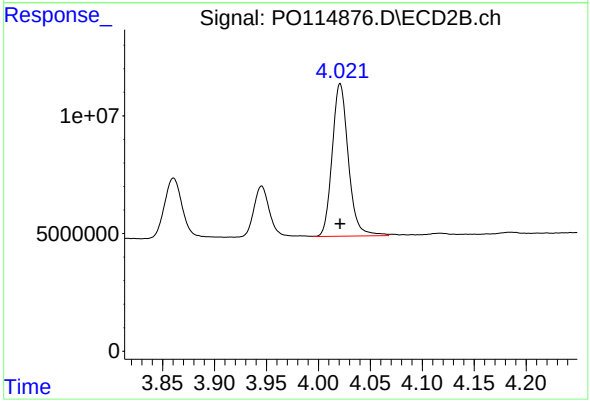
R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 22818522
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 96667420
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 70128648
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:30
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: Nov 04 12:15:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 11:57:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.347	3.649	373.4E6	232.5E6	50.000	50.000
2)	SA Decachlor...	9.931	8.641	232.4E6	203.6E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.706	4.020	75007315	55746703	500.000	500.000
12)	L3 AR-1232-2	5.224	4.747	36283683	56047490	500.000	500.000
13)	L3 AR-1232-3	5.508	4.921	79337557	29827092	500.000	500.000
14)	L3 AR-1232-4	5.666	5.005	36897763	25444495	500.000	500.000
15)	L3 AR-1232-5	5.757	5.176	25790349	28293807	500.000	500.000

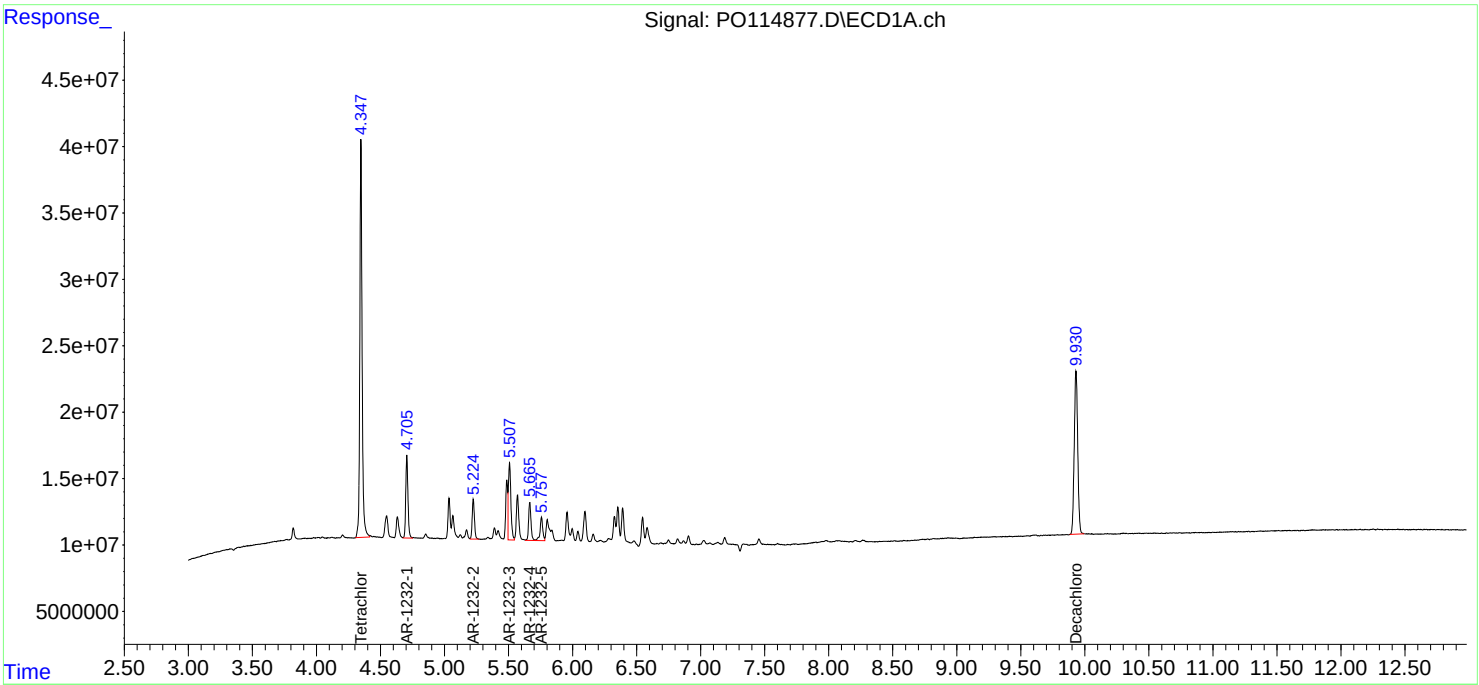
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

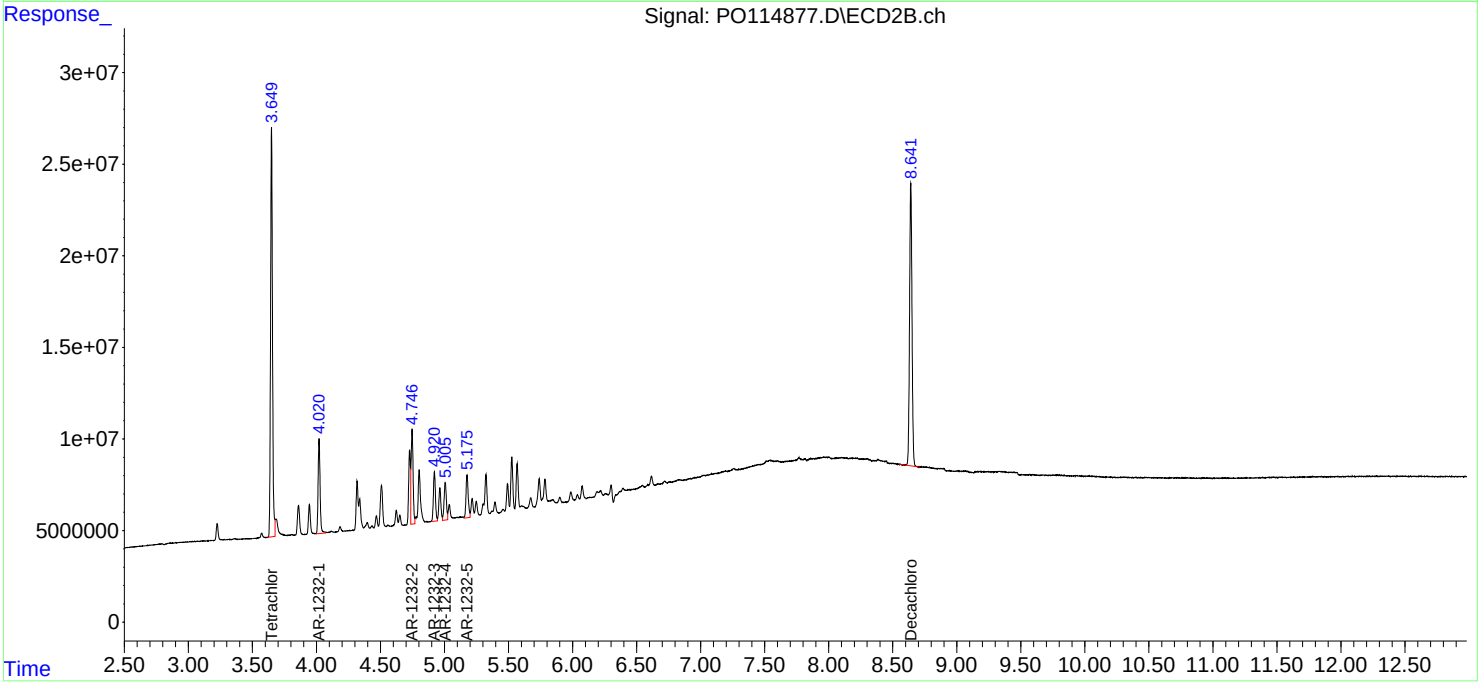
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:30
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

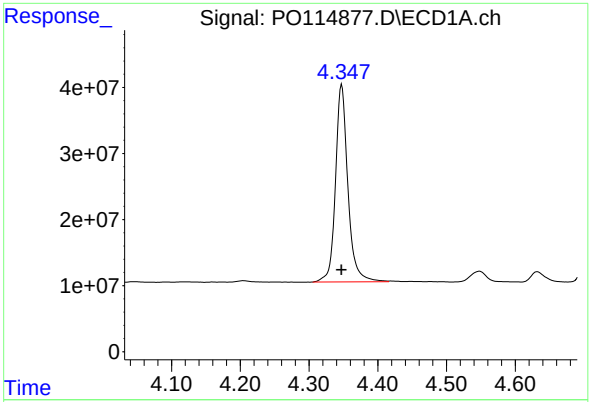
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:15:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 11:57:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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



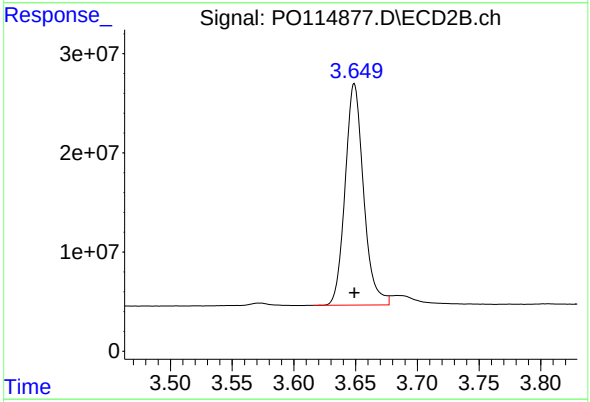




#1 Tetrachloro-m-xylene

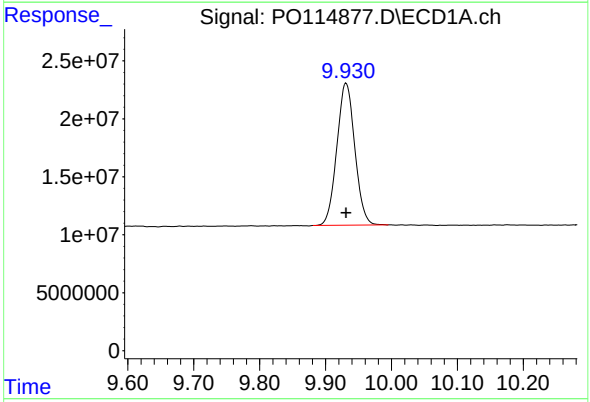
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 373365393
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



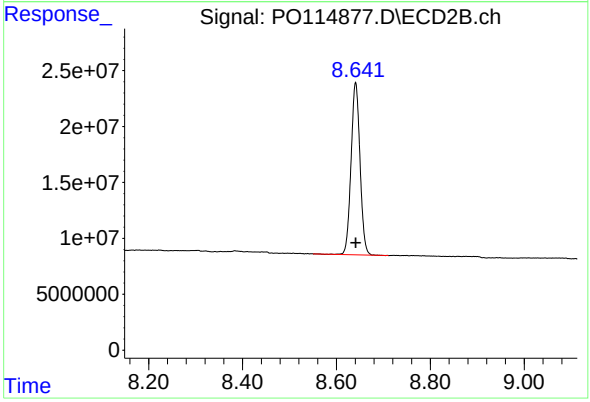
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 232455751
Conc: 50.00 ng/ml



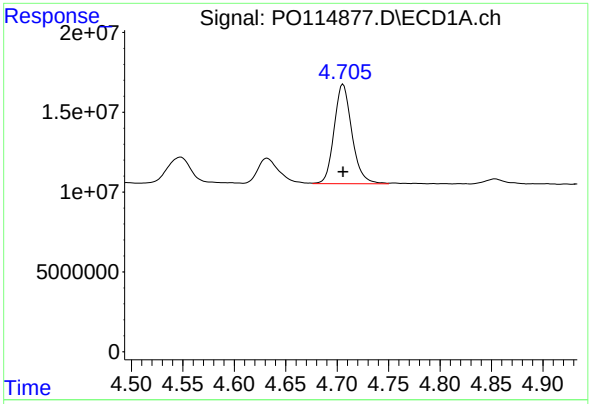
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 232358623
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

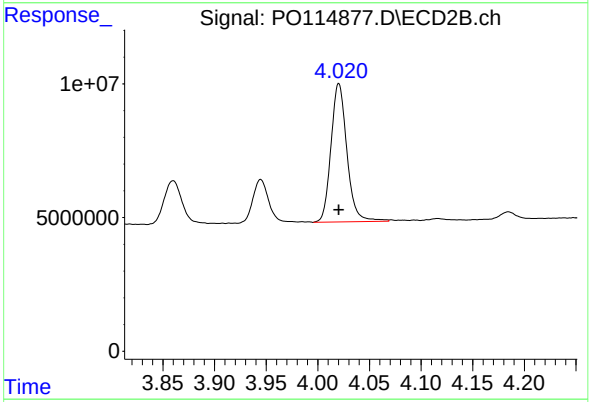
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 203608426
Conc: 50.00 ng/ml



#11 AR-1232-1

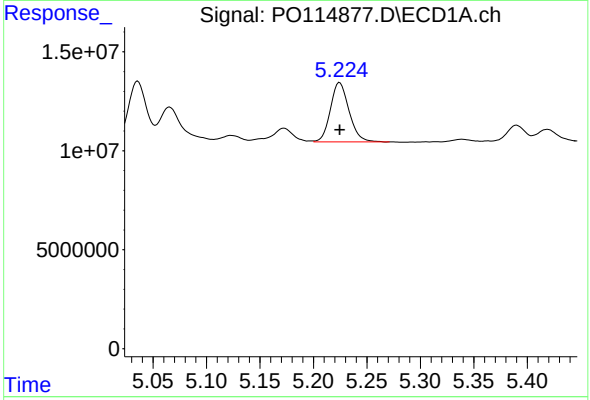
R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 75007315
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



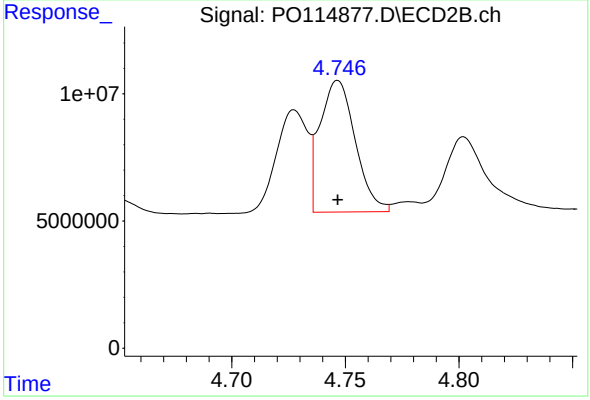
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 55746703
Conc: 500.00 ng/ml



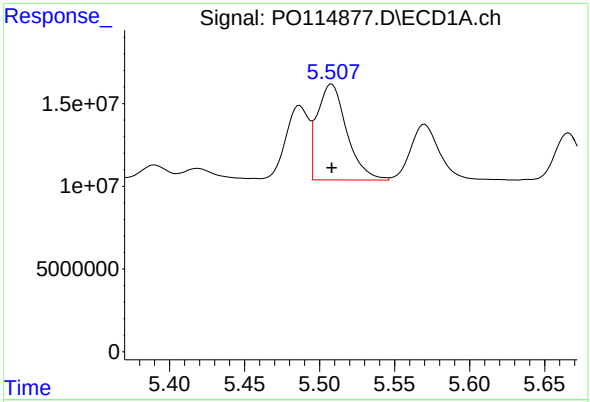
#12 AR-1232-2

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 36283683
Conc: 500.00 ng/ml



#12 AR-1232-2

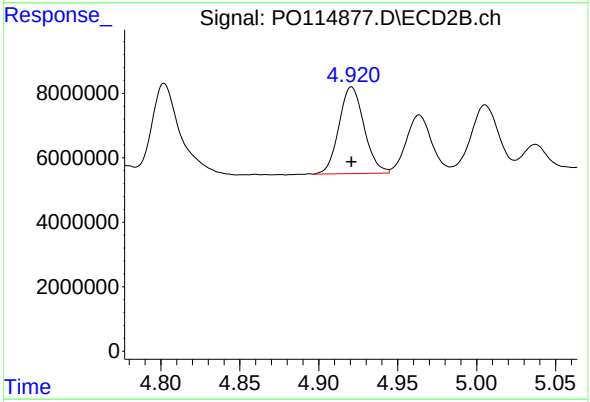
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 56047490
Conc: 500.00 ng/ml



#13 AR-1232-3

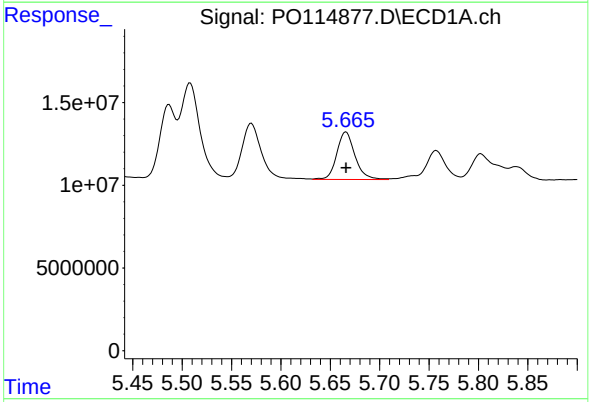
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 79337557
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



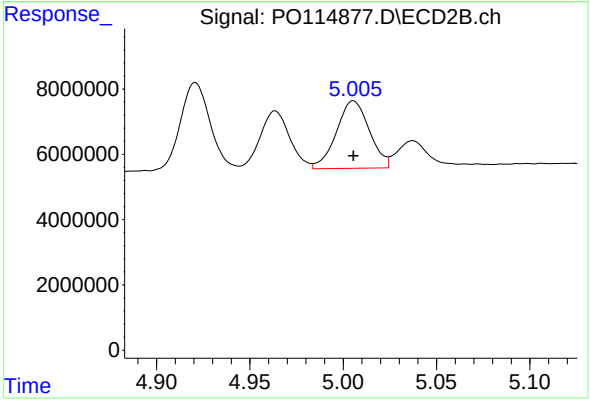
#13 AR-1232-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 29827092
Conc: 500.00 ng/ml



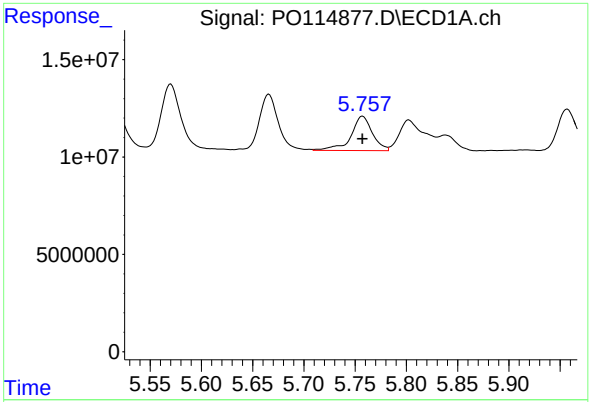
#14 AR-1232-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 36897763
Conc: 500.00 ng/ml



#14 AR-1232-4

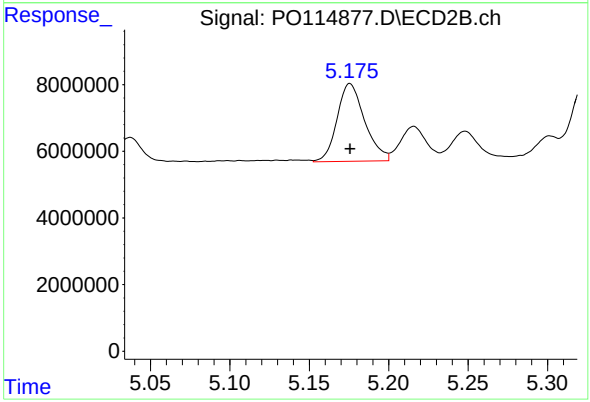
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 25444495
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 25790349
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 28293807
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:48
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: Nov 04 12:52:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 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...	4.348	3.649	734.8E6	480.0E6	98.758	98.347
2)	SA Decachlor...	9.932	8.642	473.0E6	409.3E6	98.660	96.347
	Target Compounds						
16)	L4 AR-1242-1	5.487	4.728	180.4E6	138.3E6	974.605	962.566
17)	L4 AR-1242-2	5.509	4.747	290.6E6	199.9E6	974.478	966.127
18)	L4 AR-1242-3	5.570	4.921	164.4E6	108.2E6	971.984	963.489
19)	L4 AR-1242-4	5.667	5.005	136.8E6	101.9E6	966.255	961.849
20)	L4 AR-1242-5	6.392	5.526	138.4E6	136.0E6	976.570	965.656

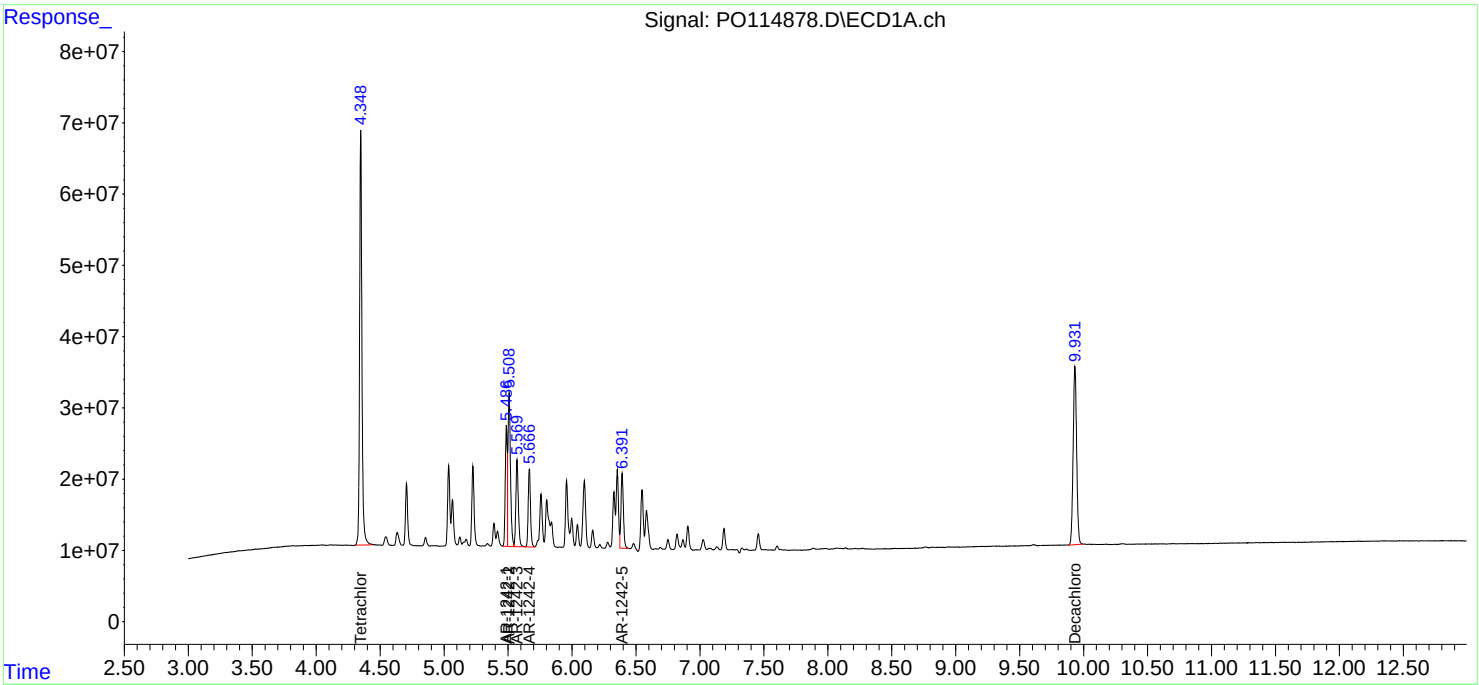
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

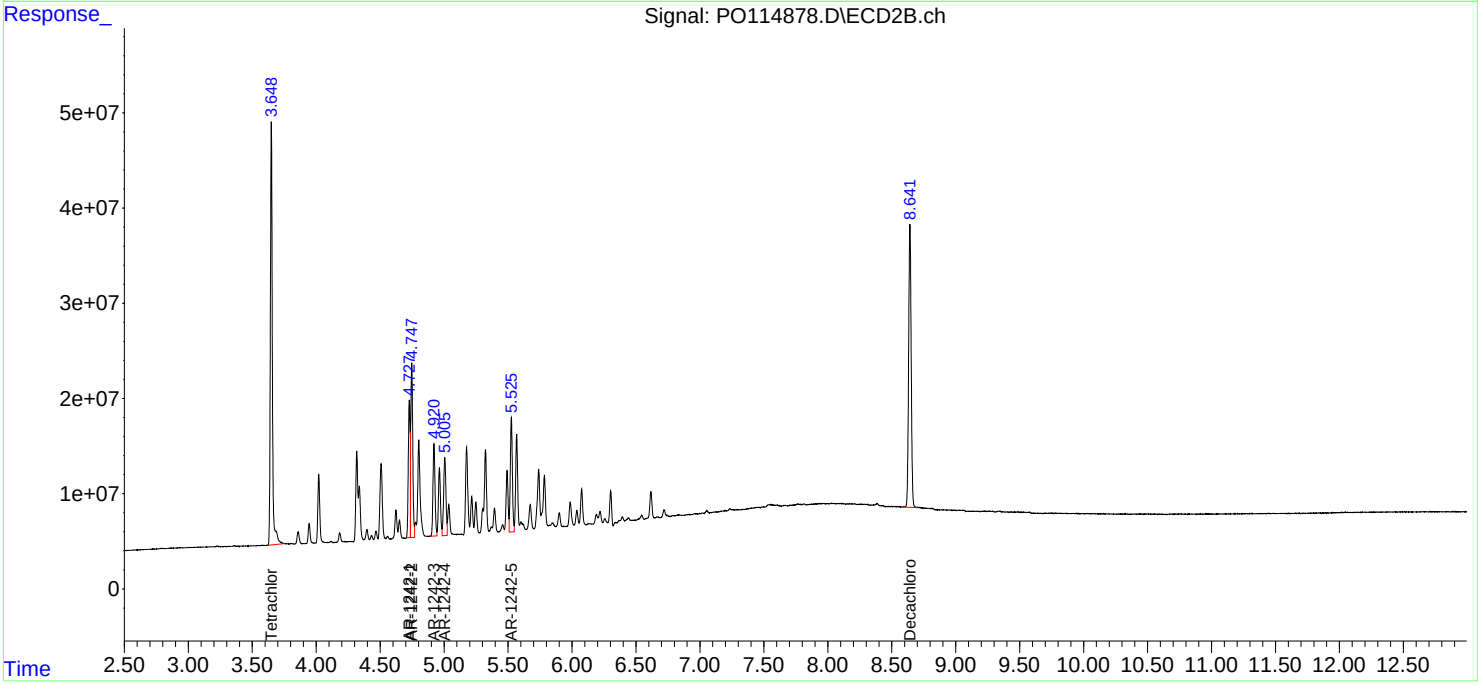
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:48
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

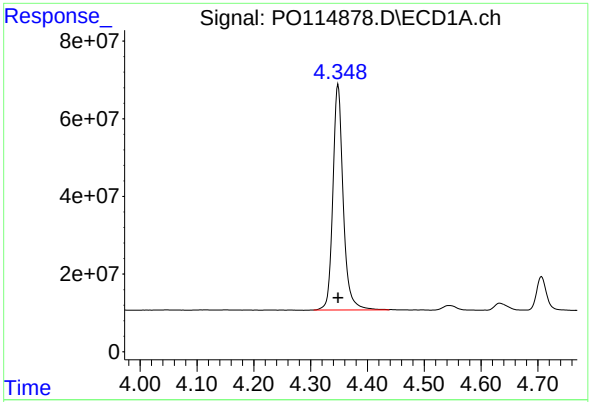
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:52:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 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



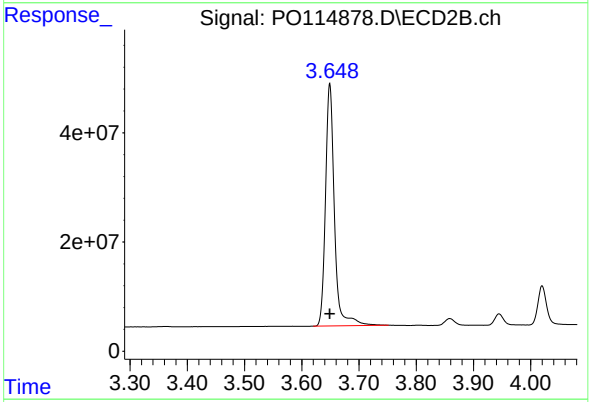




#1 Tetrachloro-m-xylene

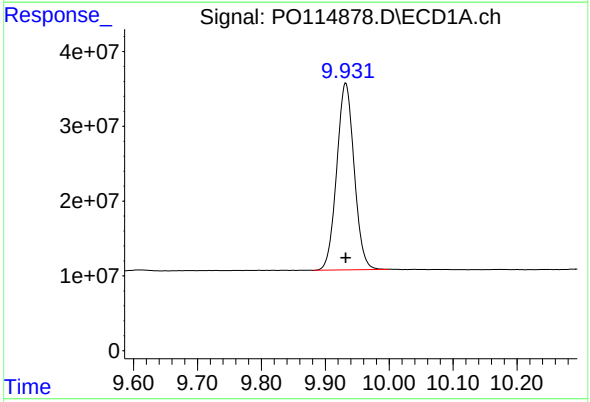
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 734800460
Conc: 98.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



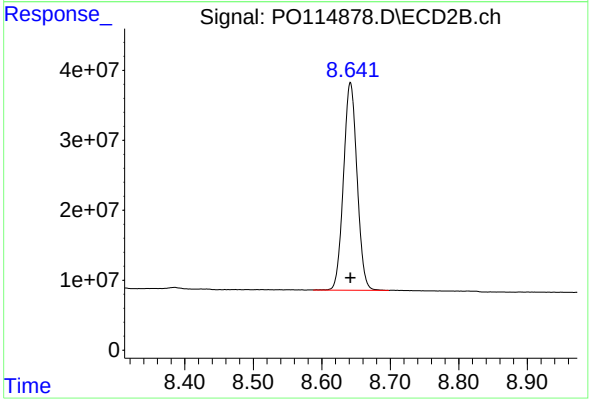
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 480011584
Conc: 98.35 ng/ml



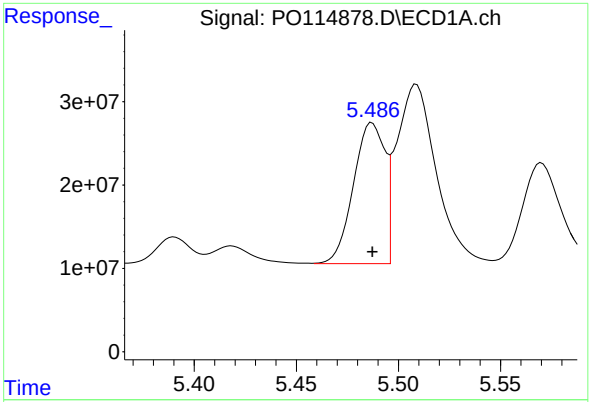
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 472985046
Conc: 98.66 ng/ml



#2 Decachlorobiphenyl

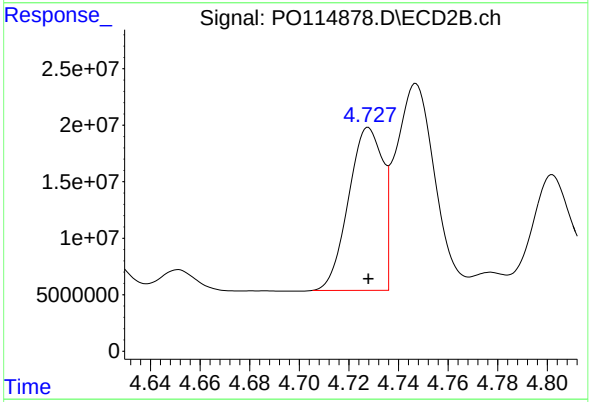
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 409330038
Conc: 96.35 ng/ml



#16 AR-1242-1

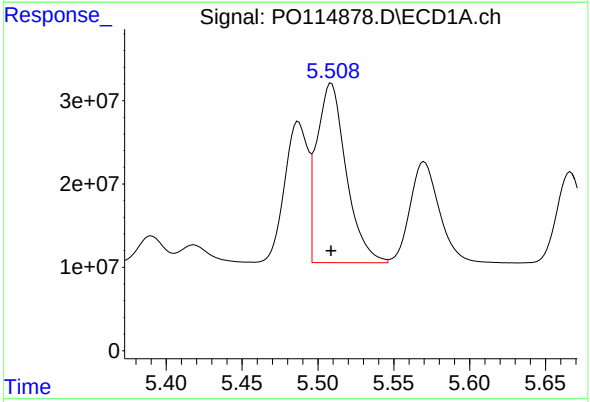
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 180395803
Conc: 974.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



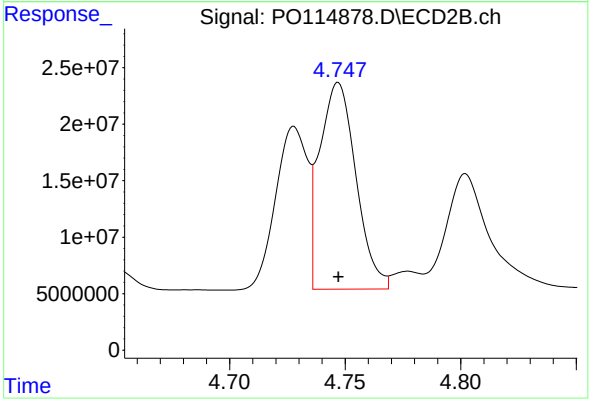
#16 AR-1242-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 138347633
Conc: 962.57 ng/ml



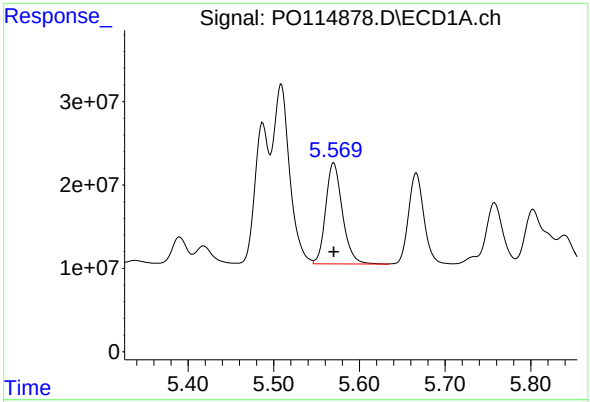
#17 AR-1242-2

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 290607708
Conc: 974.48 ng/ml



#17 AR-1242-2

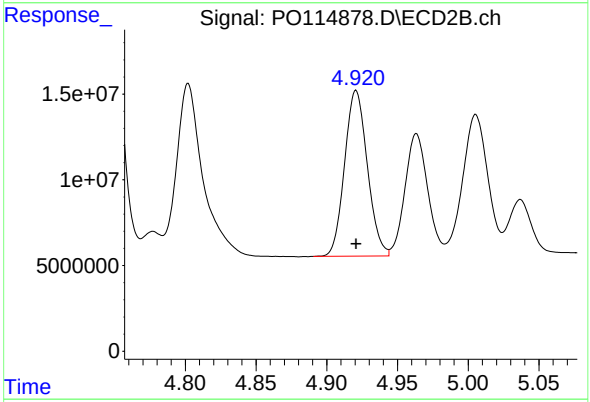
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 199908386
Conc: 966.13 ng/ml



#18 AR-1242-3

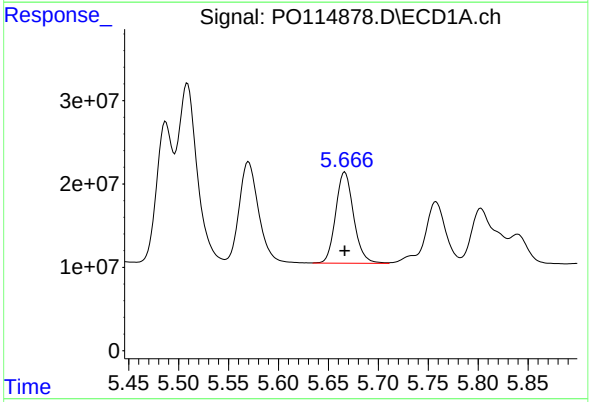
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 164449629
Conc: 971.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



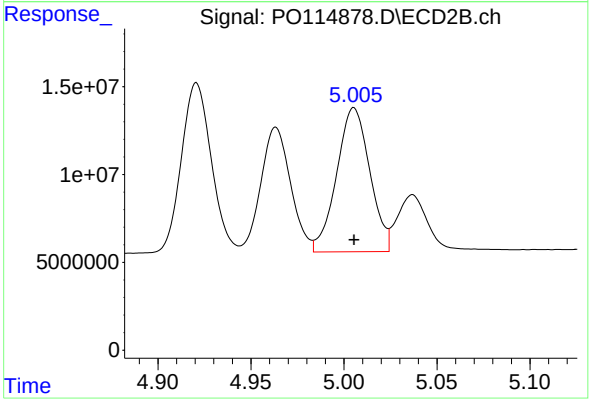
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 108216818
Conc: 963.49 ng/ml



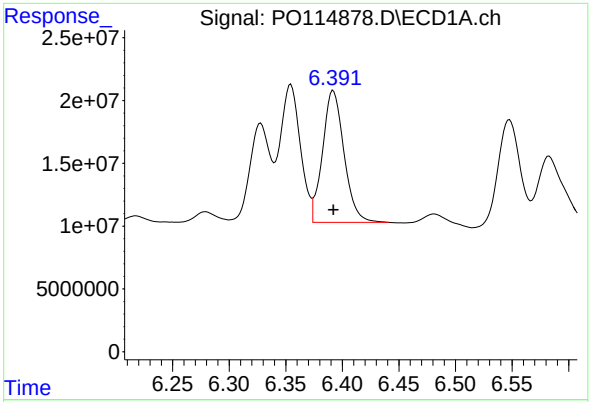
#19 AR-1242-4

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 136844790
Conc: 966.26 ng/ml



#19 AR-1242-4

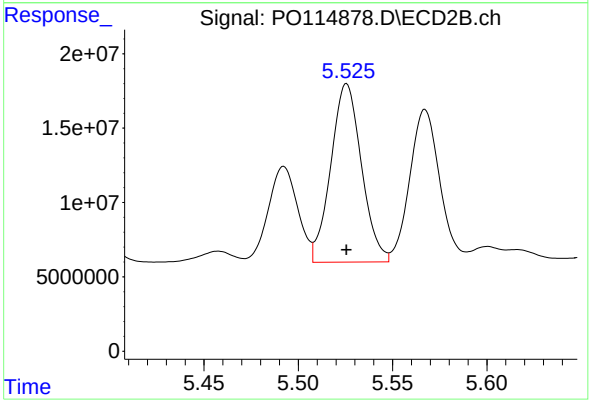
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 101919263
Conc: 961.85 ng/ml



#20 AR-1242-5

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 138362947
Conc: 976.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 135980897
Conc: 965.66 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:06
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: Nov 04 12:55:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 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...	4.348	3.649	558.4E6	351.3E6	75.032	72.950
2)	SA Decachlor...	9.930	8.641	360.4E6	322.6E6	75.113	75.624
	Target Compounds						
16)	L4 AR-1242-1	5.487	4.728	138.4E6	108.3E6	748.334	752.466
17)	L4 AR-1242-2	5.508	4.747	221.7E6	153.7E6	745.677	745.260
18)	L4 AR-1242-3	5.570	4.921	125.8E6	84172141	745.539	749.608
19)	L4 AR-1242-4	5.666	5.006	105.5E6	78976449	746.496	746.880
20)	L4 AR-1242-5	6.391	5.525	106.4E6	105.1E6	750.553	747.461

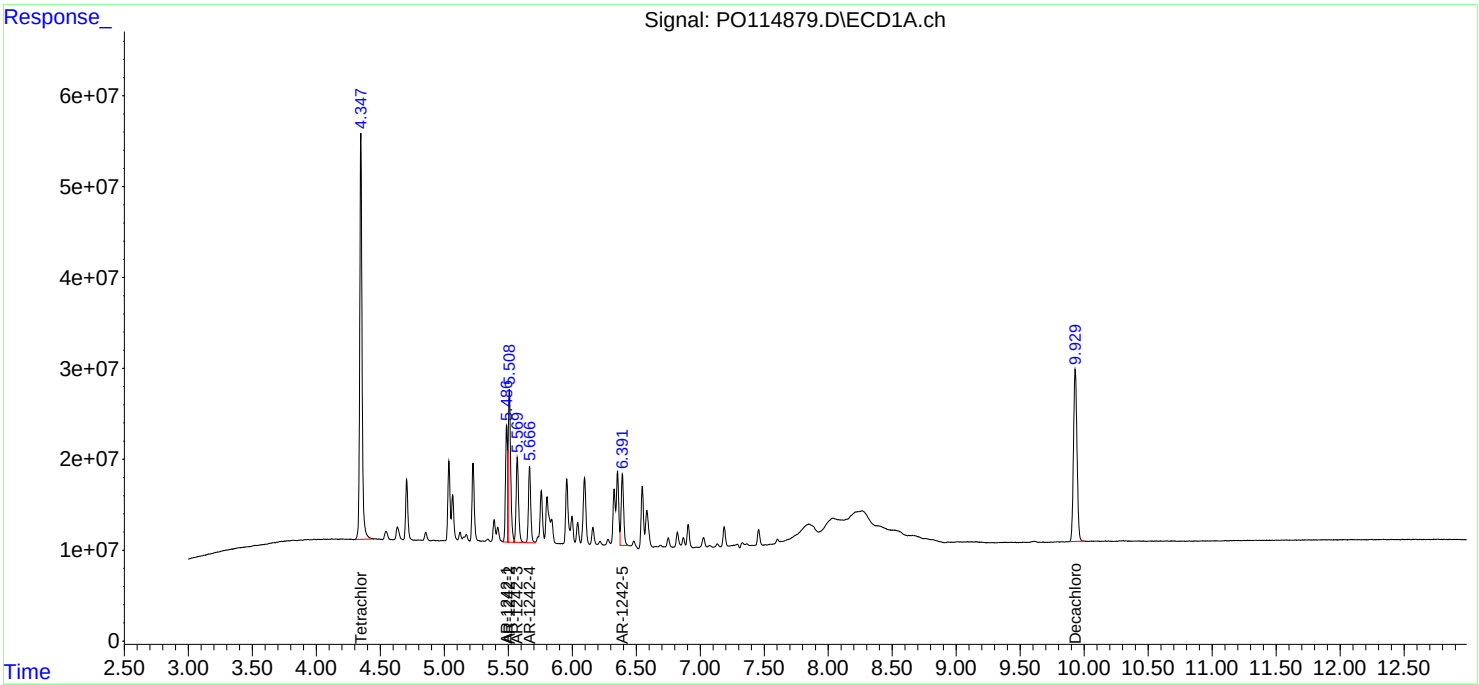
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

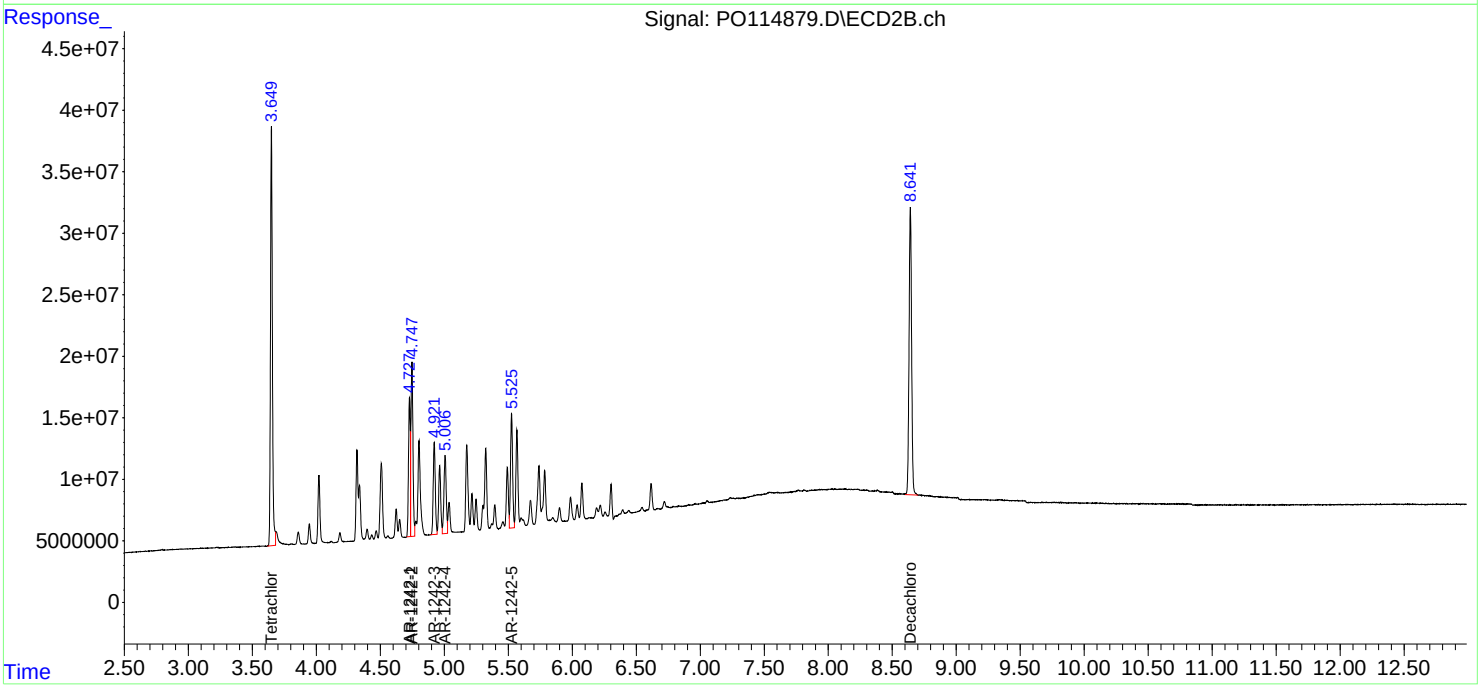
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:06
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

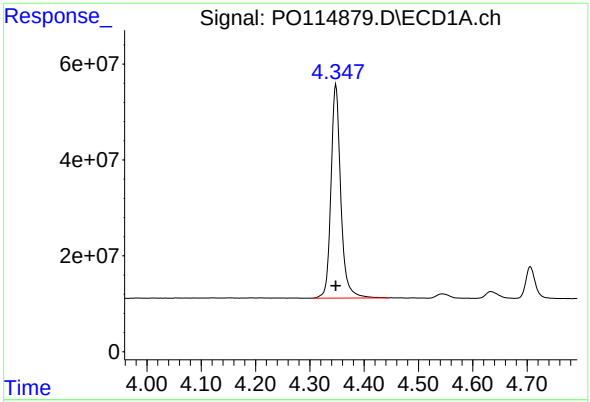
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:55:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 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



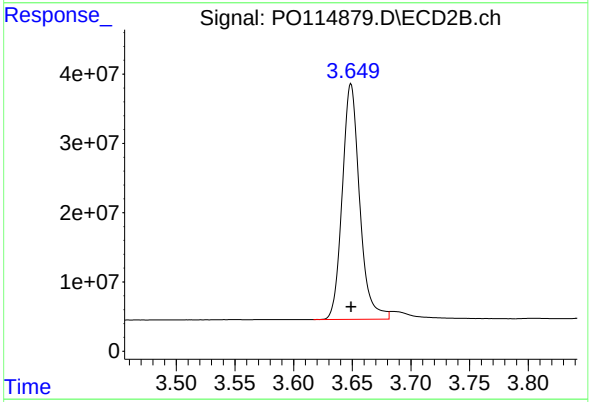




#1 Tetrachloro-m-xylene

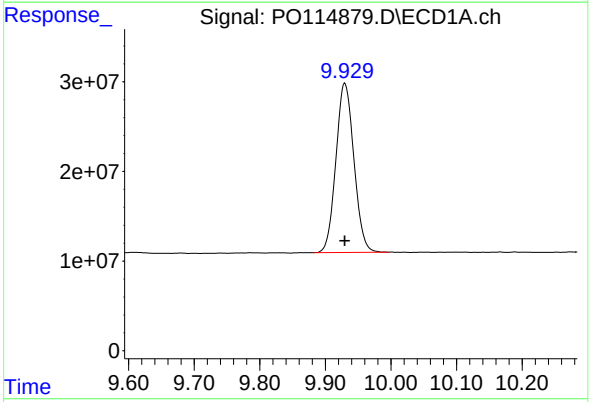
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 558390328
Conc: 75.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



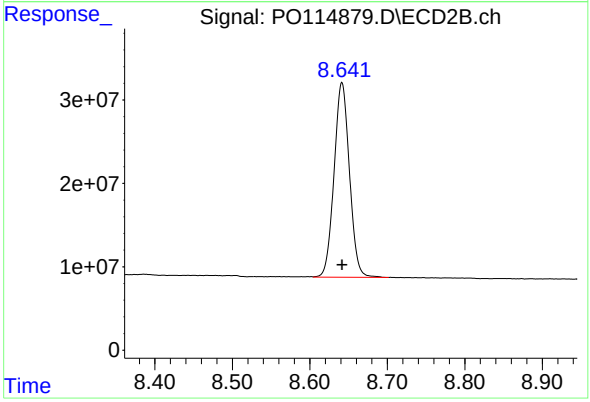
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 351251067
Conc: 72.95 ng/ml



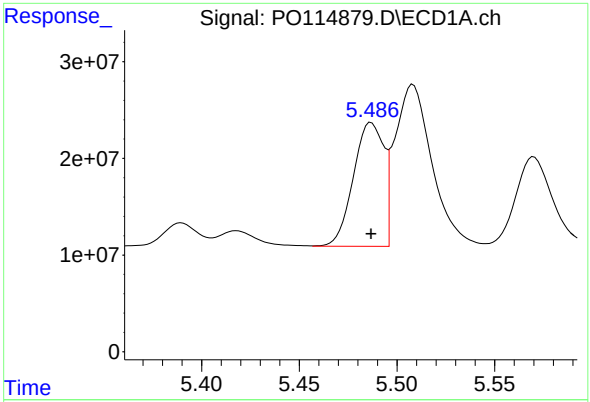
#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 360374507
Conc: 75.11 ng/ml



#2 Decachlorobiphenyl

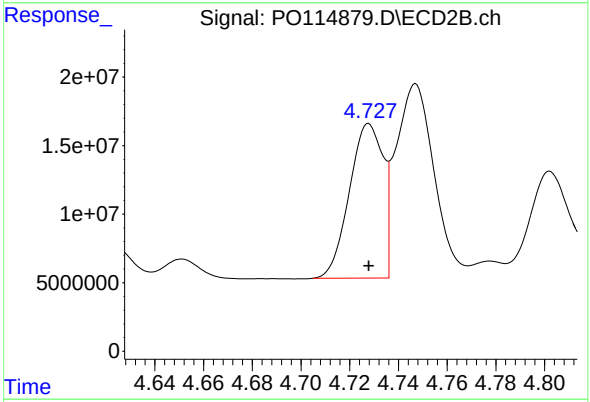
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 322630373
Conc: 75.62 ng/ml



#16 AR-1242-1

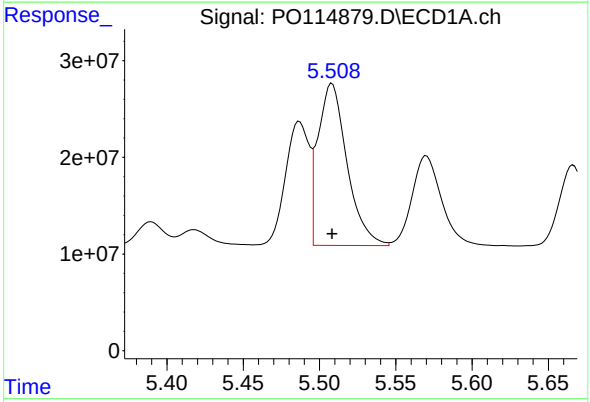
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 138360088
Conc: 748.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



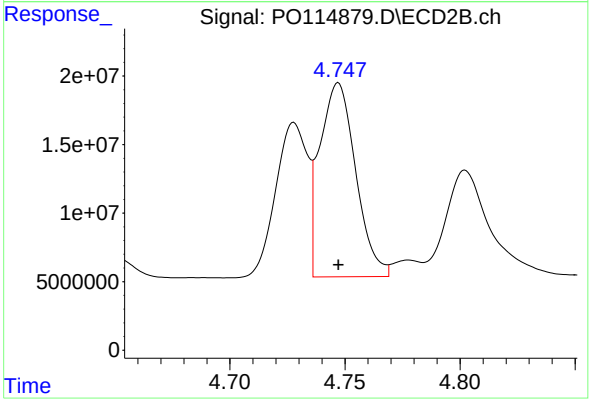
#16 AR-1242-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 108328566
Conc: 752.47 ng/ml



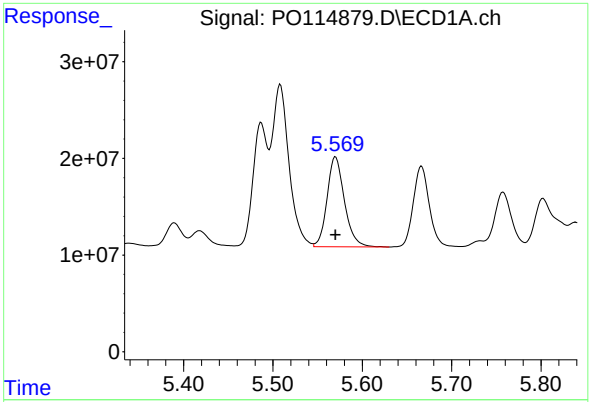
#17 AR-1242-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 221735948
Conc: 745.68 ng/ml



#17 AR-1242-2

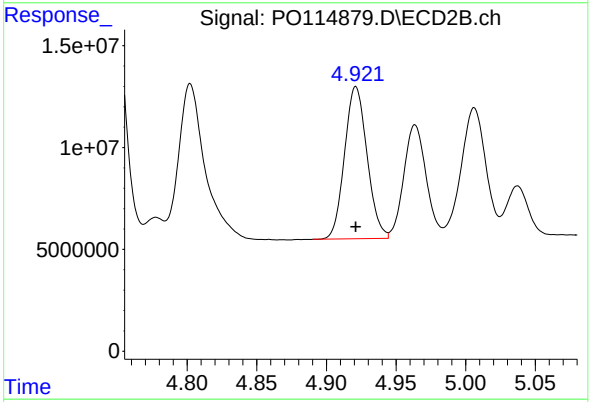
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 153721342
Conc: 745.26 ng/ml



#18 AR-1242-3

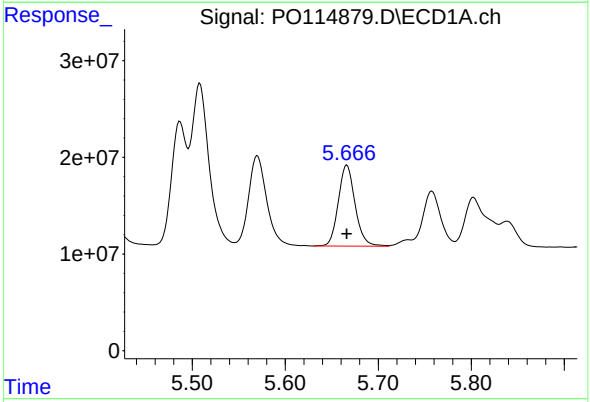
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 125763346
Conc: 745.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



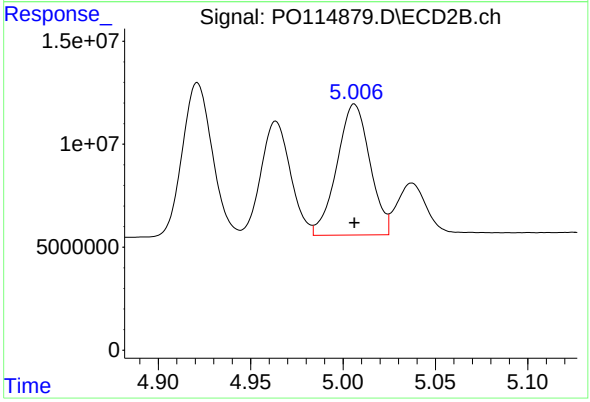
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 84172141
Conc: 749.61 ng/ml



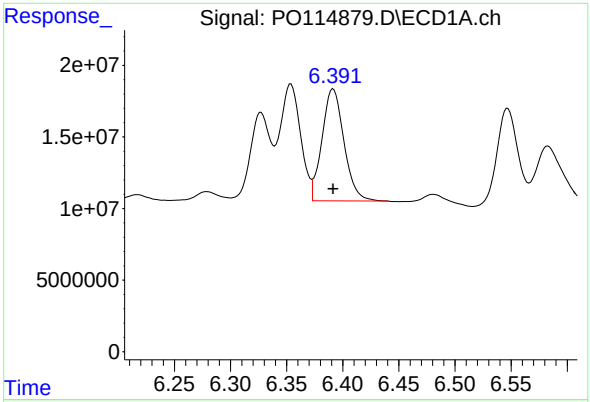
#19 AR-1242-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 105475289
Conc: 746.50 ng/ml



#19 AR-1242-4

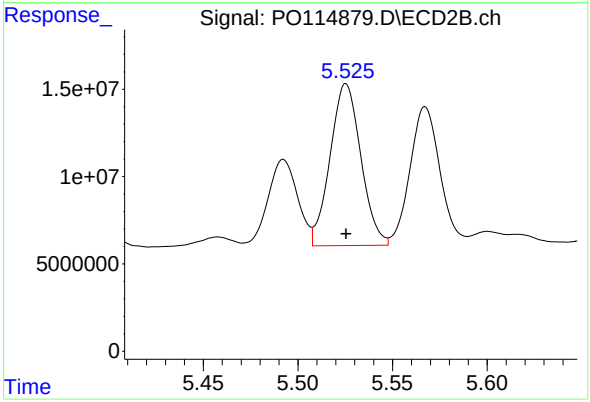
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 78976449
Conc: 746.88 ng/ml



#20 AR-1242-5

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 106379503
Conc: 750.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 105077370
Conc: 747.46 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:25
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: Nov 04 12:49:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 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...	4.348	3.649	376.6E6	248.1E6	50.000	50.000
2)	SA Decachlor...	9.932	8.642	242.9E6	220.2E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.488	4.728	94898416	74554194	500.000	500.000
17)	L4 AR-1242-2	5.509	4.747	152.9E6	107.0E6	500.000	500.000
18)	L4 AR-1242-3	5.571	4.922	86964841	58209186	500.000	500.000
19)	L4 AR-1242-4	5.667	5.006	73201423	55002215	500.000	500.000
20)	L4 AR-1242-5	6.393	5.526	72501094	72826705	500.000	500.000

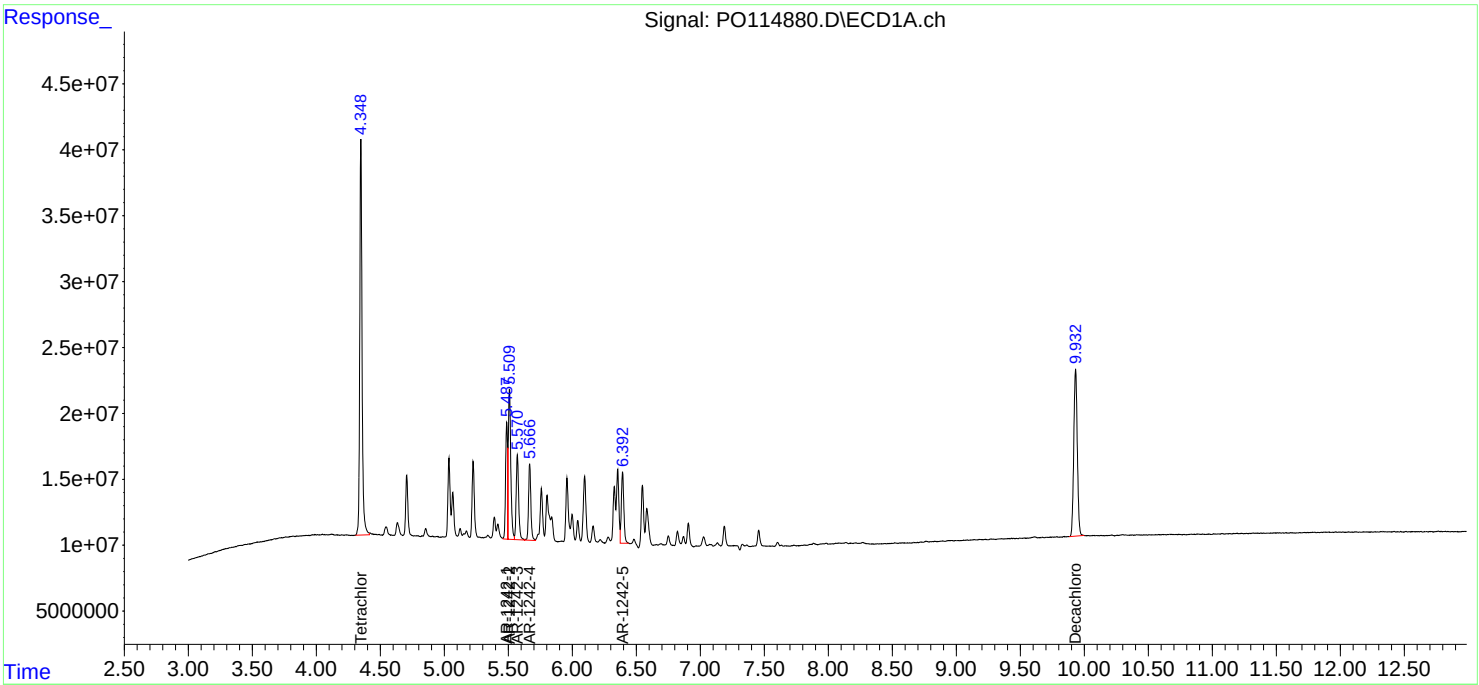
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

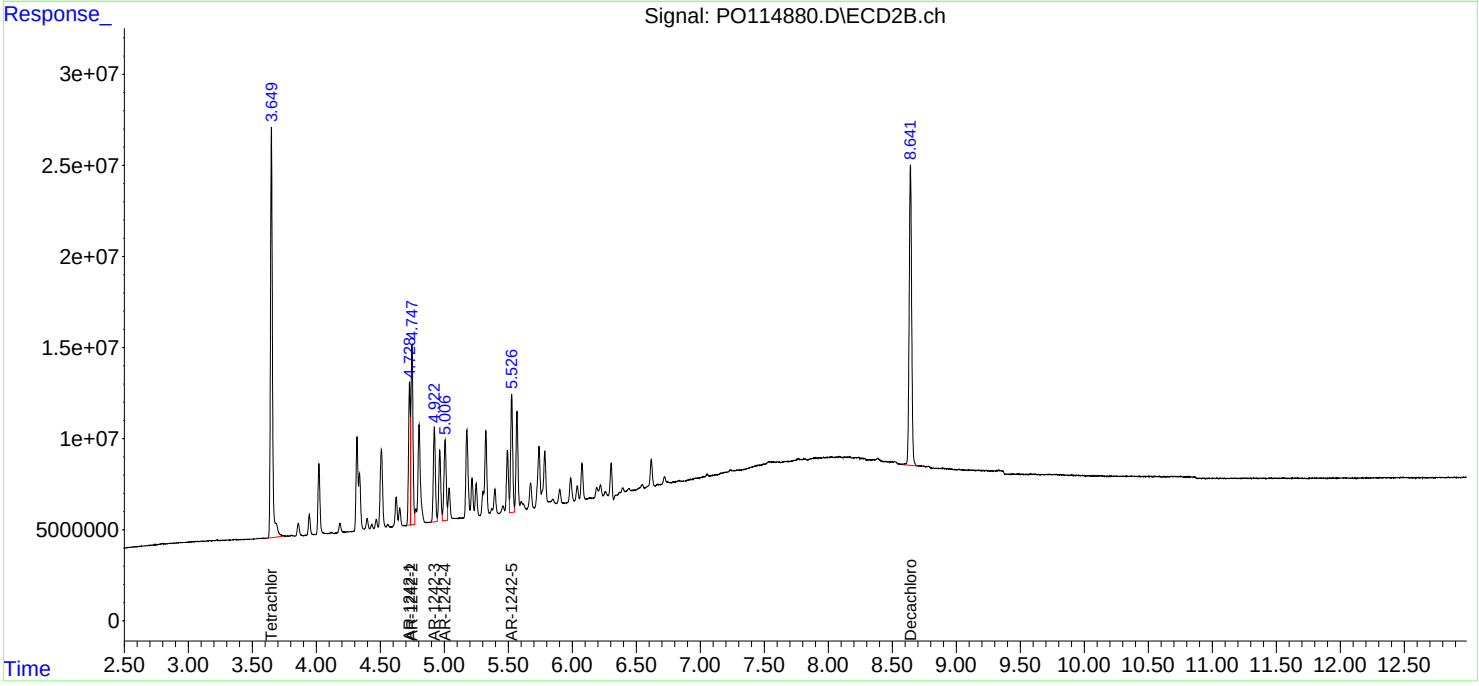
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:25
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

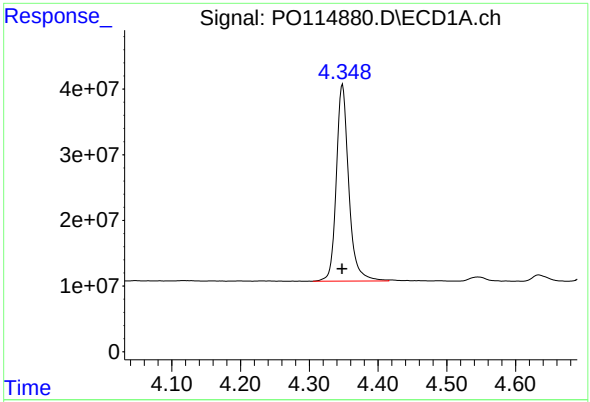
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:49:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 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



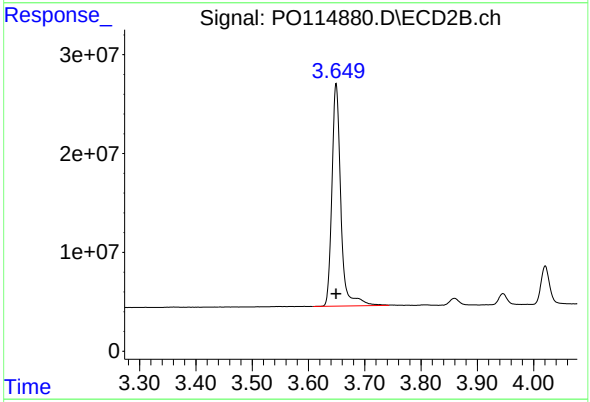




#1 Tetrachloro-m-xylene

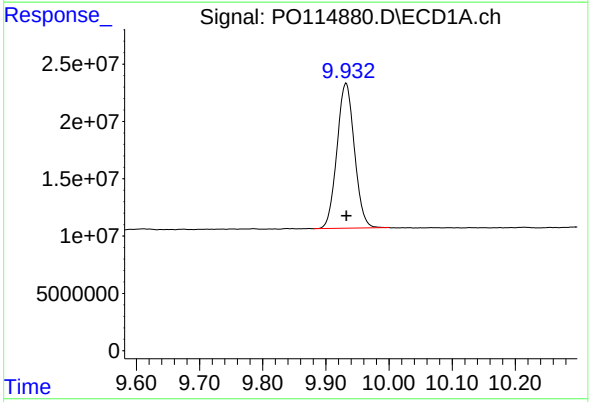
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 376638863
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



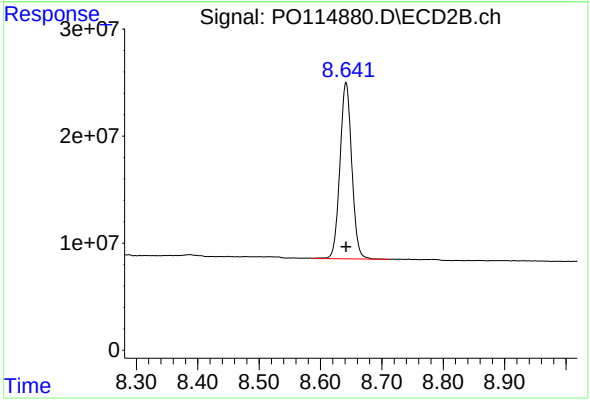
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 248073234
Conc: 50.00 ng/ml



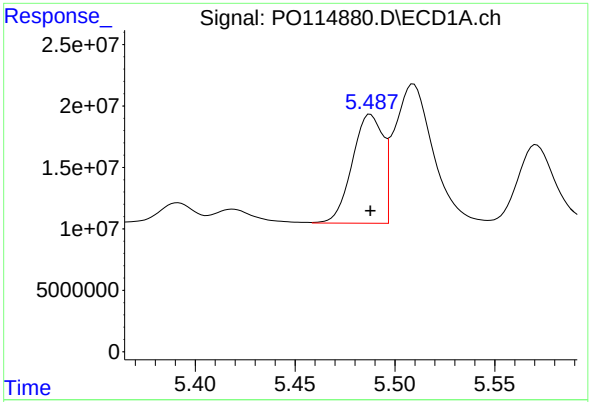
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 242918796
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

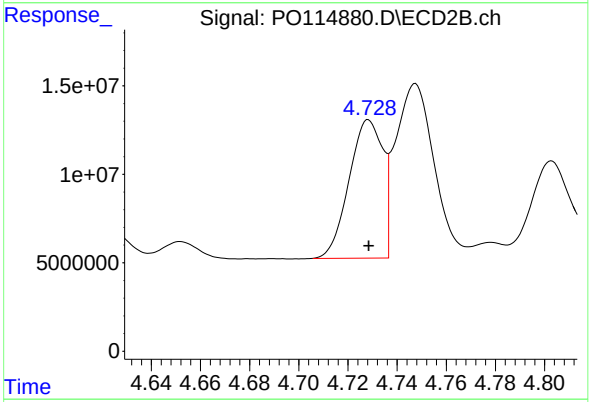
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 220186773
Conc: 50.00 ng/ml



#16 AR-1242-1

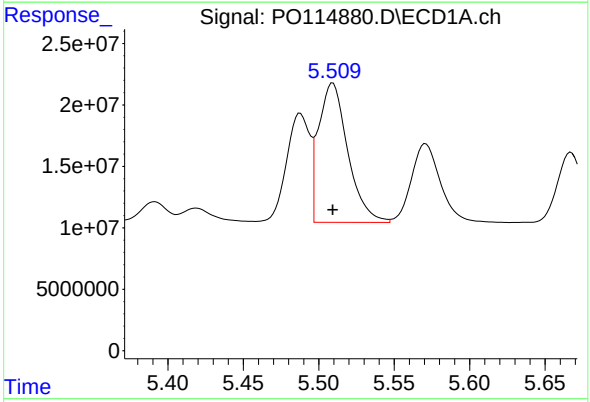
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 94898416
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



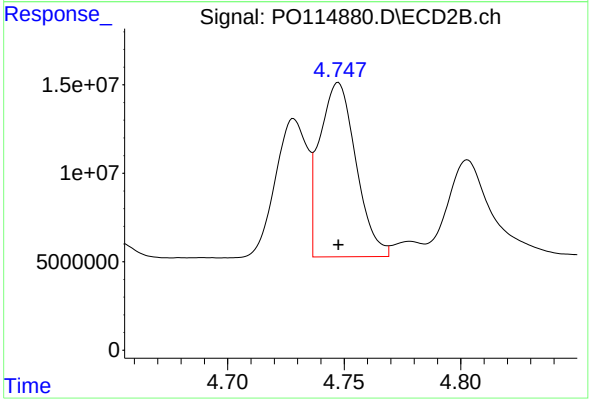
#16 AR-1242-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 74554194
Conc: 500.00 ng/ml



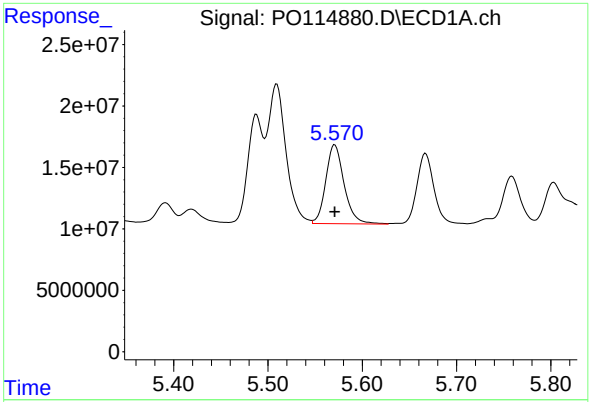
#17 AR-1242-2

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 152915087
Conc: 500.00 ng/ml



#17 AR-1242-2

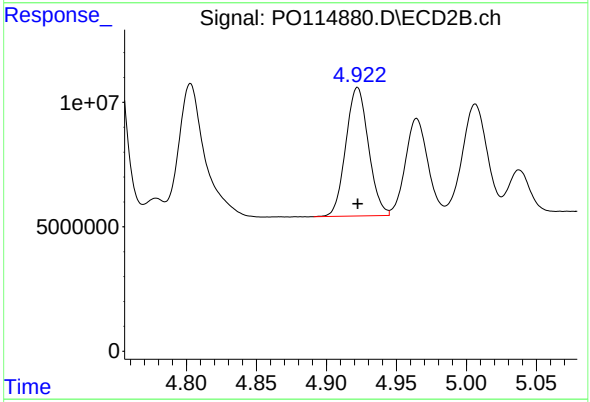
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 106963041
Conc: 500.00 ng/ml



#18 AR-1242-3

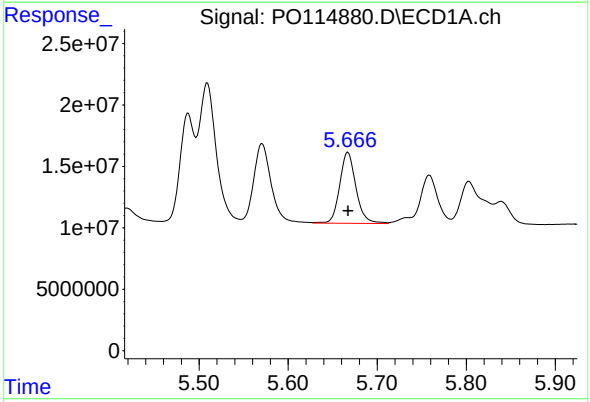
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 86964841
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



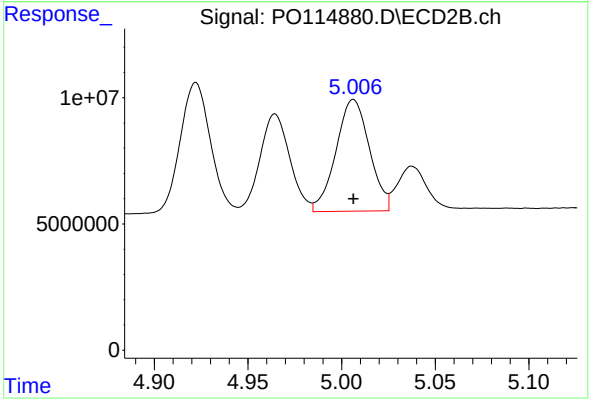
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 58209186
Conc: 500.00 ng/ml



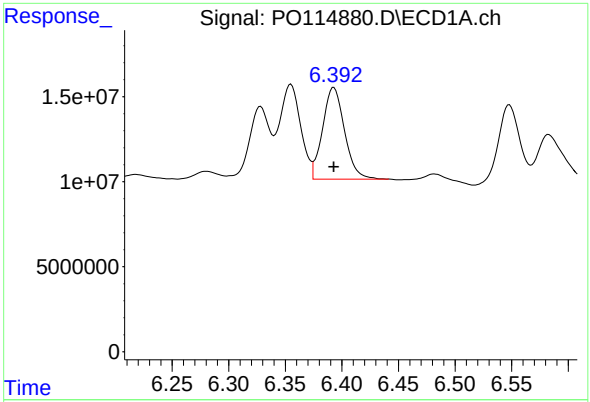
#19 AR-1242-4

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 73201423
Conc: 500.00 ng/ml



#19 AR-1242-4

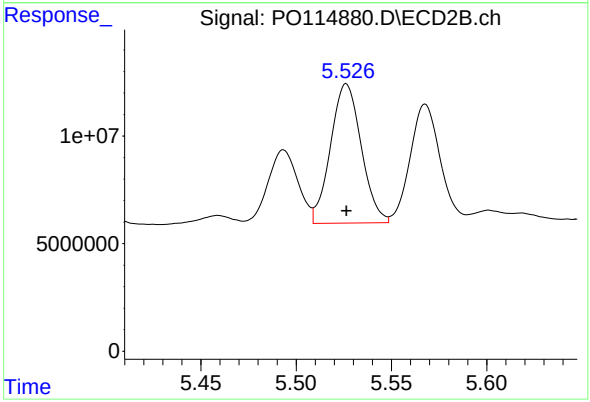
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 55002215
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 72501094
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 72826705
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:42
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: Nov 04 12:59:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 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...	4.347	3.649	181.6E6	113.2E6	24.544	23.863
2)	SA Decachlor...	9.930	8.642	118.7E6	108.5E6	24.798	25.317
	Target Compounds						
16)	L4 AR-1242-1	5.485	4.728	48045131	37219390	257.320	256.344
17)	L4 AR-1242-2	5.507	4.747	75500933	52970083	252.915	255.070
18)	L4 AR-1242-3	5.569	4.921	43602684	28371324	256.308	251.994
19)	L4 AR-1242-4	5.665	5.006	34915069	27309187	247.826	256.146
20)	L4 AR-1242-5	6.391	5.526	34596493	37575425	245.544	262.747

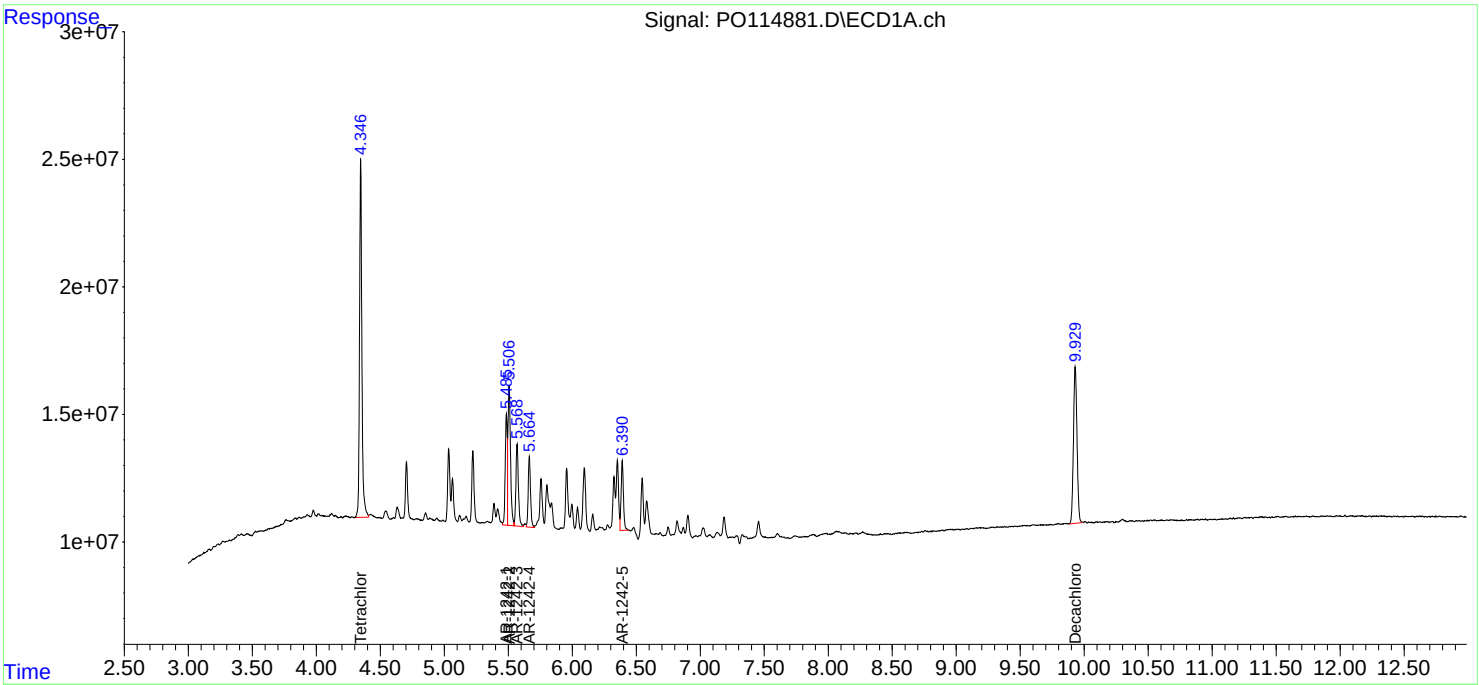
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

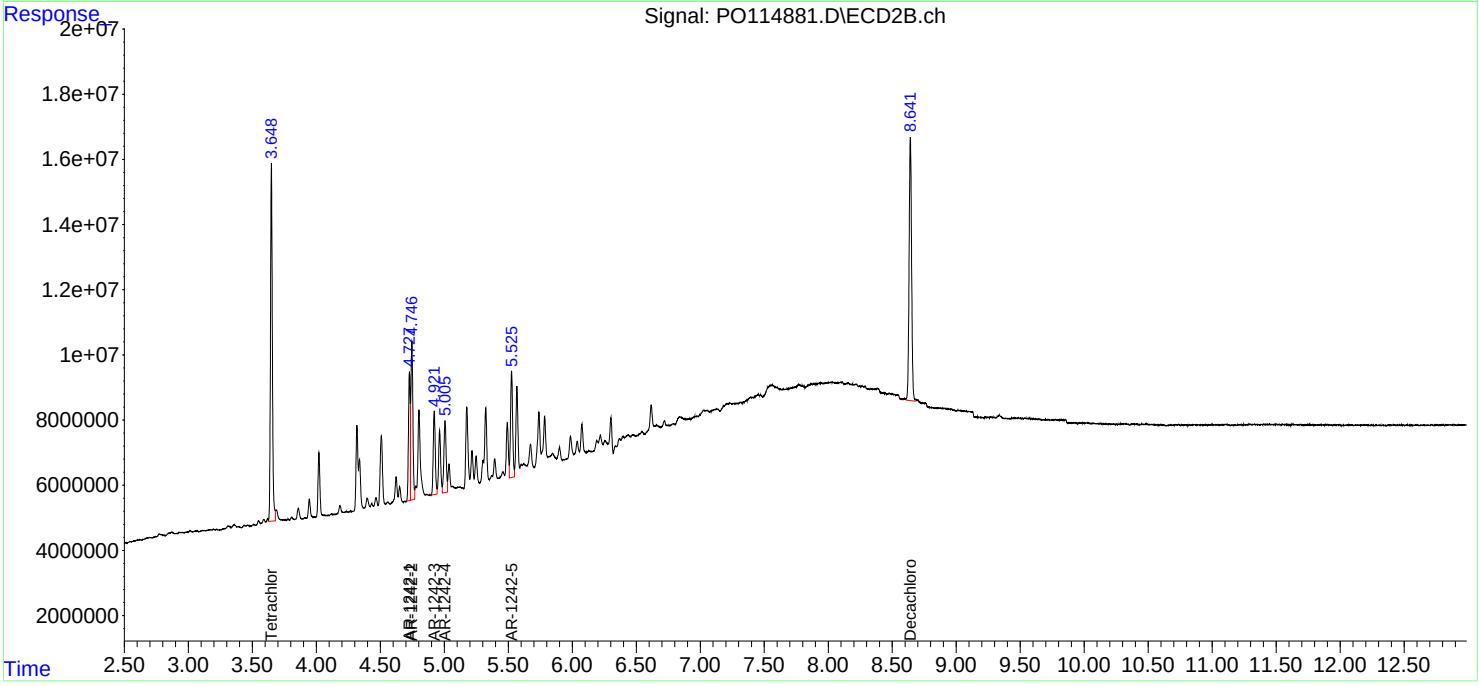
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:42
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

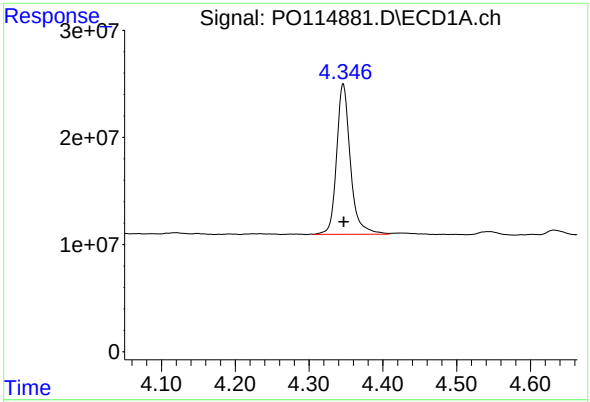
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:59:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 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



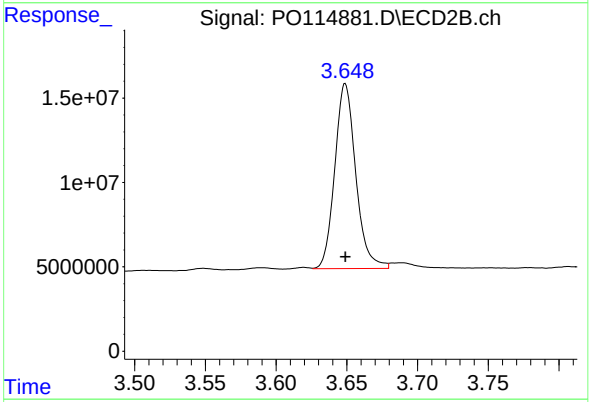




#1 Tetrachloro-m-xylene

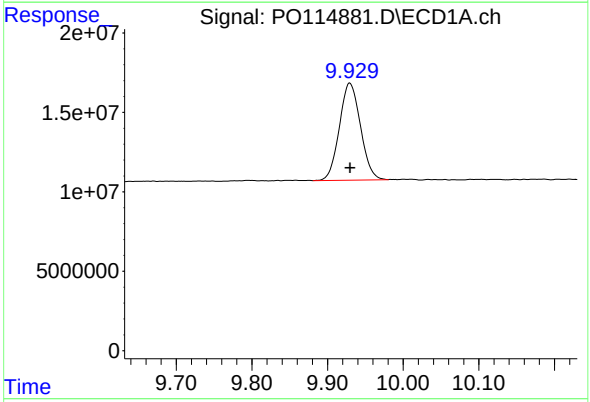
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 181550482
Conc: 24.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



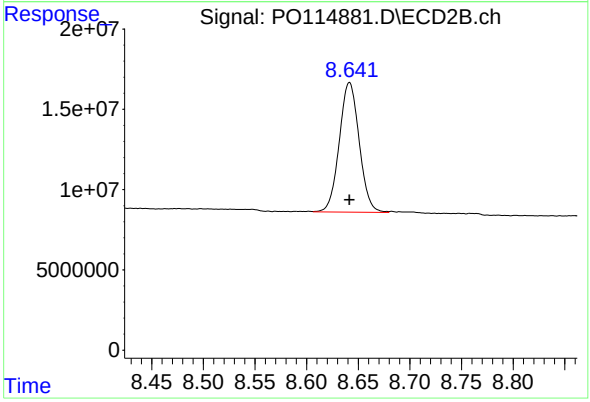
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 113183646
Conc: 23.86 ng/ml



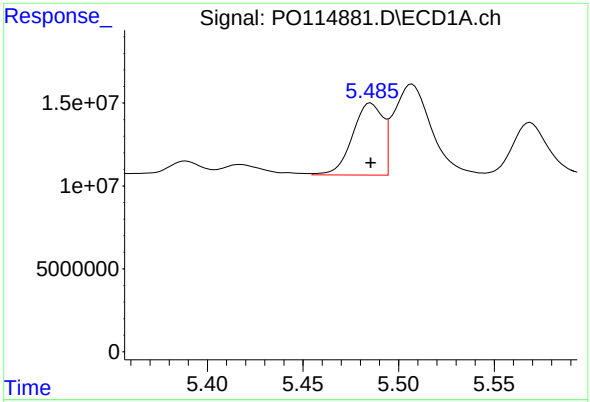
#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 118651728
Conc: 24.80 ng/ml



#2 Decachlorobiphenyl

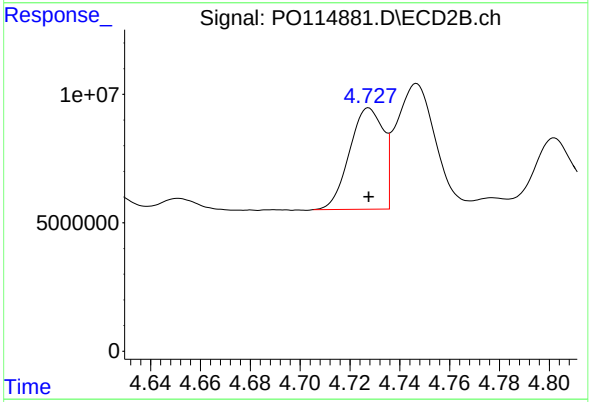
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 108469379
Conc: 25.32 ng/ml



#16 AR-1242-1

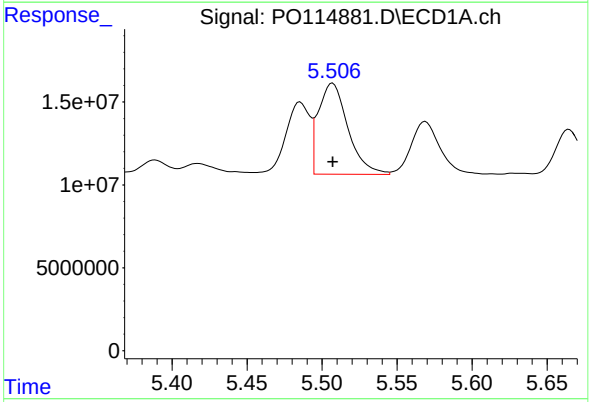
R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 48045131
Conc: 257.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



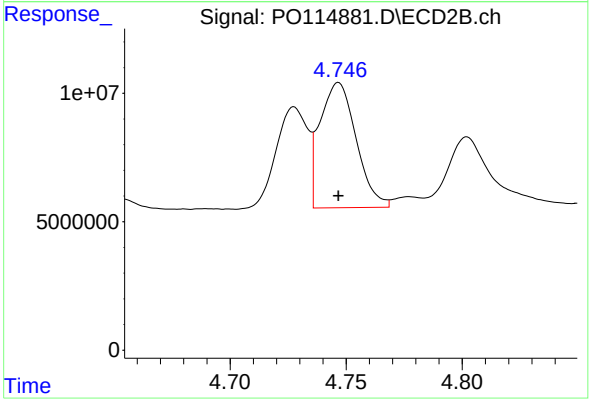
#16 AR-1242-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 37219390
Conc: 256.34 ng/ml



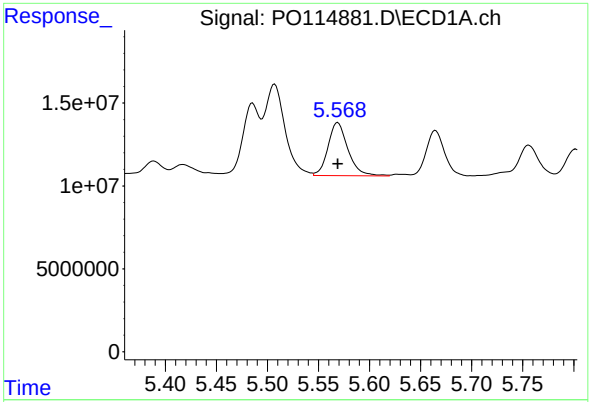
#17 AR-1242-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 75500933
Conc: 252.92 ng/ml



#17 AR-1242-2

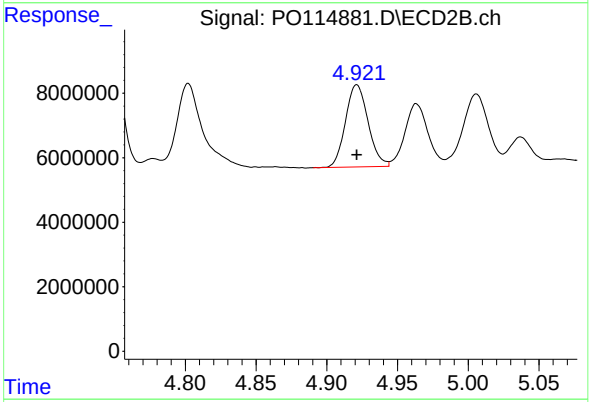
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 52970083
Conc: 255.07 ng/ml



#18 AR-1242-3

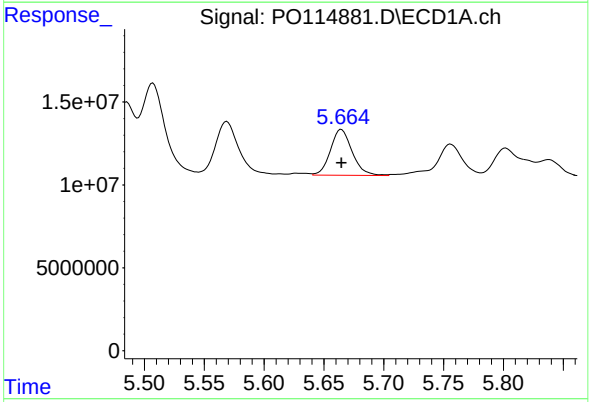
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 43602684
Conc: 256.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



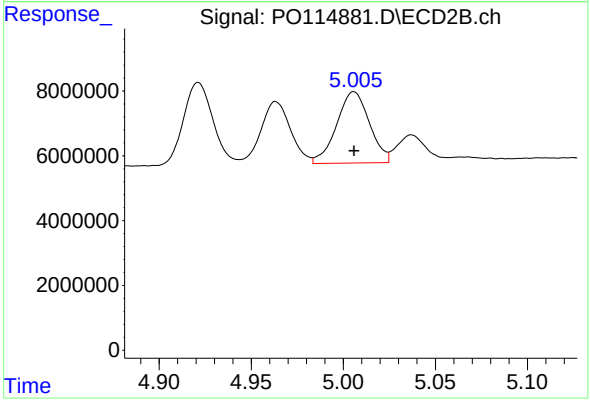
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 28371324
Conc: 251.99 ng/ml



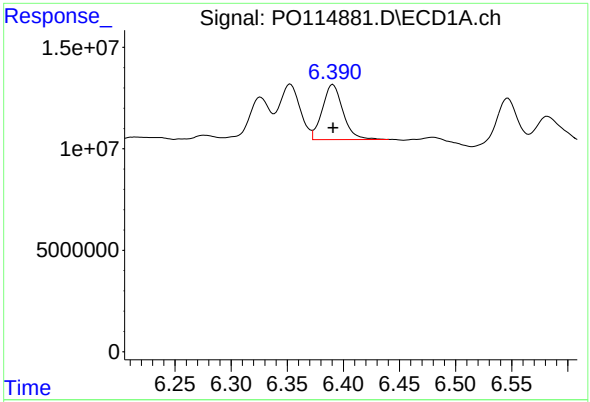
#19 AR-1242-4

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 34915069
Conc: 247.83 ng/ml



#19 AR-1242-4

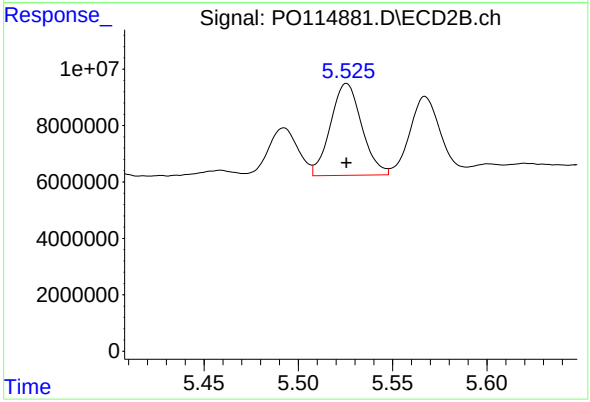
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 27309187
Conc: 256.15 ng/ml



#20 AR-1242-5

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 34596493
Conc: 245.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 37575425
Conc: 262.75 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:00
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 13:15:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 13:15:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.349	3.649	33472896	22185295	4.613	4.739
2)	SA Decachlor...	9.932	8.641	20800693	21904493	4.464	5.090
	Target Compounds						
16)	L4 AR-1242-1	5.487	4.729	9217524	7516814	49.493	51.407
17)	L4 AR-1242-2	5.509	4.747	14989568	10253143	50.170	49.497
18)	L4 AR-1242-3	5.571	4.922	8818491	5476880	51.459	48.911
19)	L4 AR-1242-4	5.667	5.007	7618827	5459668	53.210	50.962
20)	L4 AR-1242-5	6.392	5.526	7059809	7127481	50.085	49.823m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:00
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

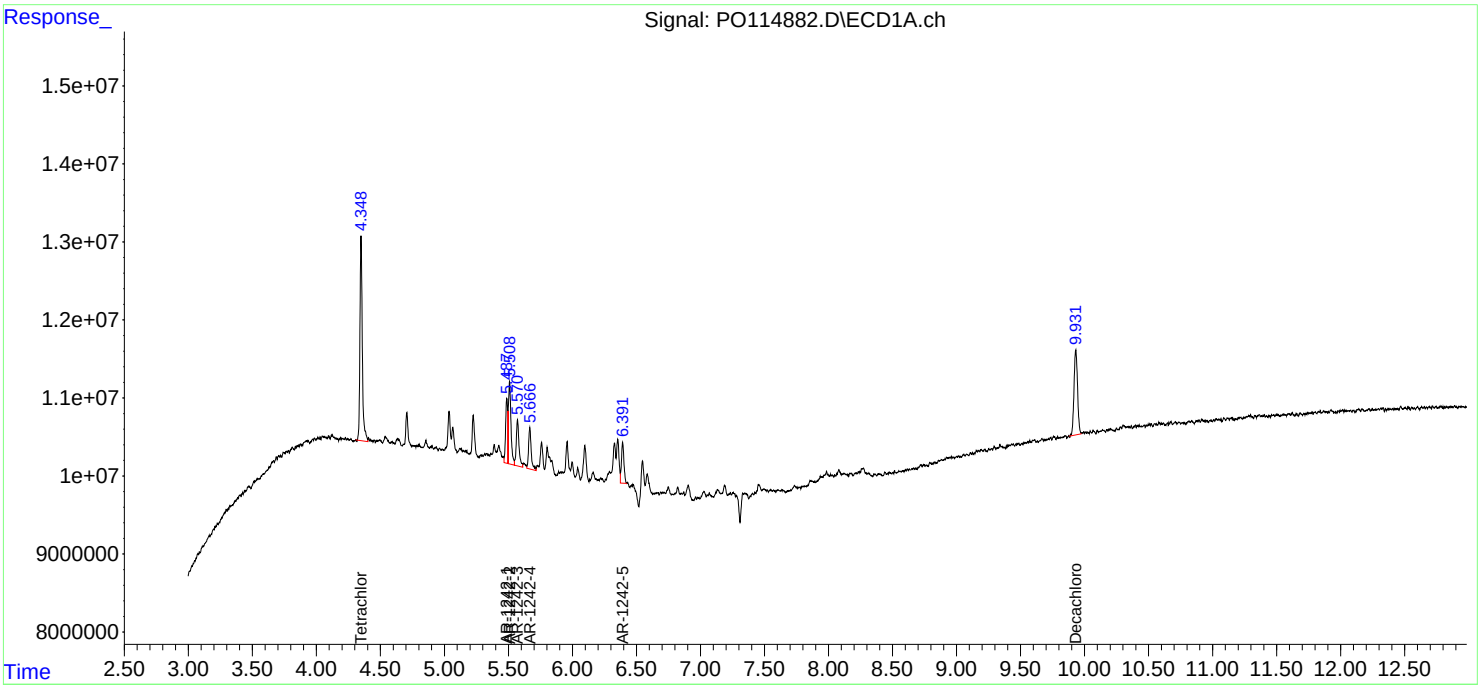
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

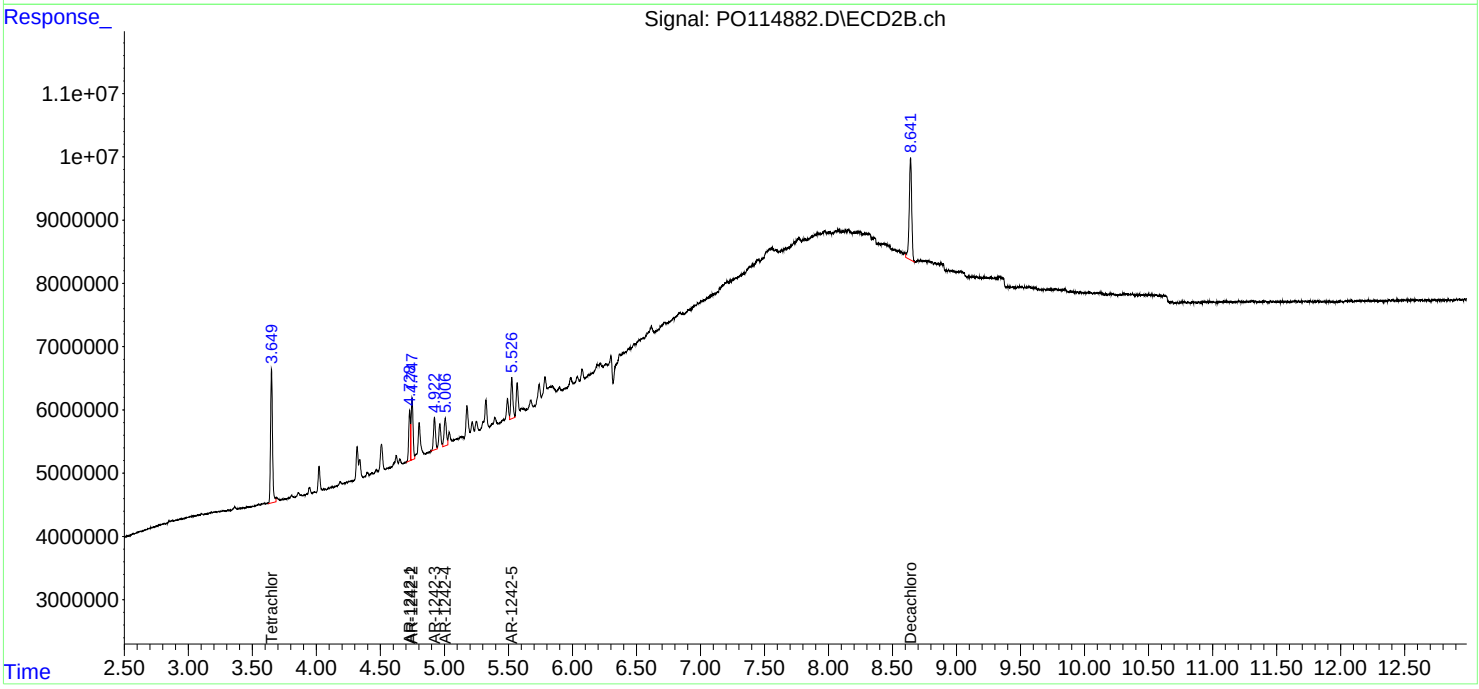
Manual Integrations APPROVED

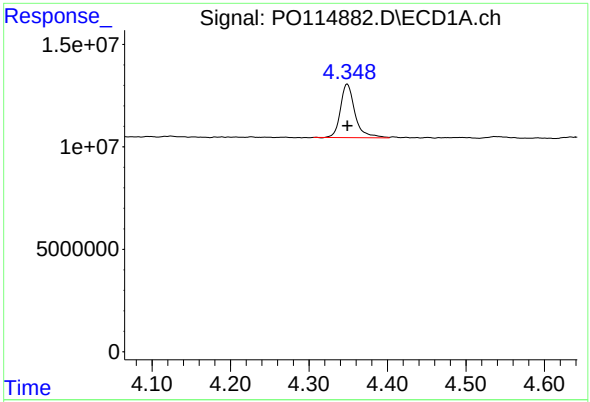
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 13:15:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 13:15:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







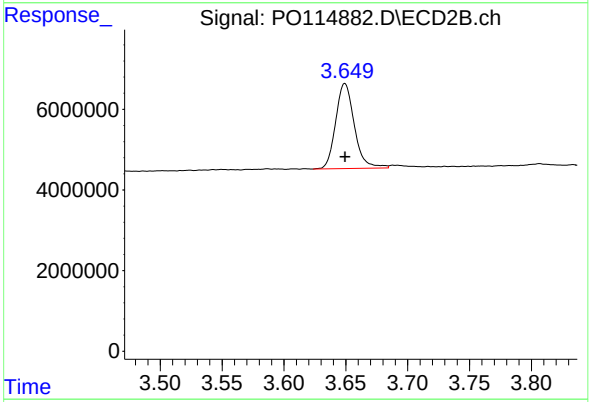
#1 Tetrachloro-m-xylene

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 33472896
Conc: 4.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

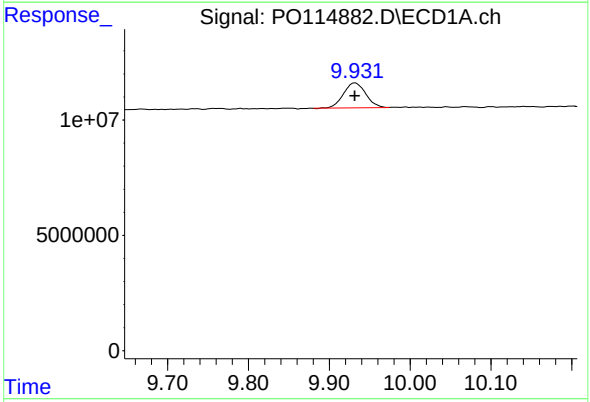
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



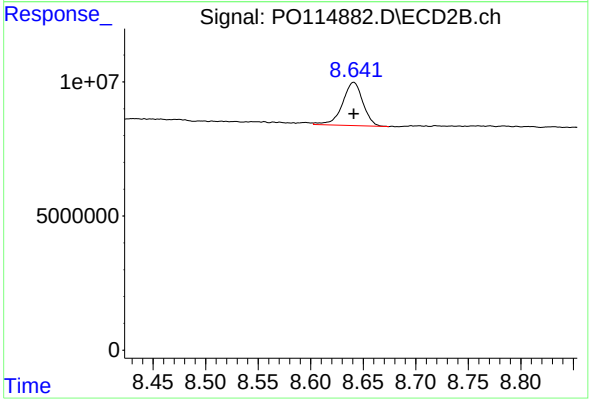
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 22185295
Conc: 4.74 ng/ml



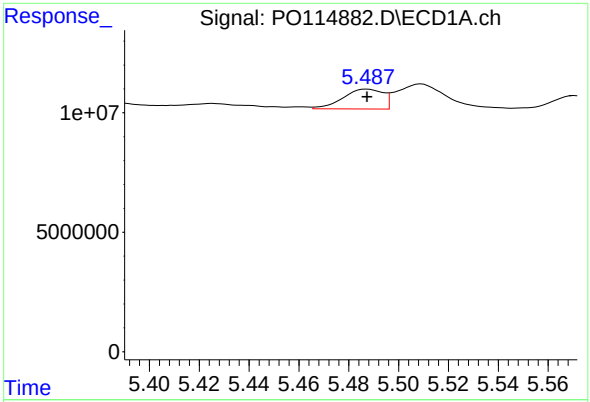
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 20800693
Conc: 4.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 21904493
Conc: 5.09 ng/ml



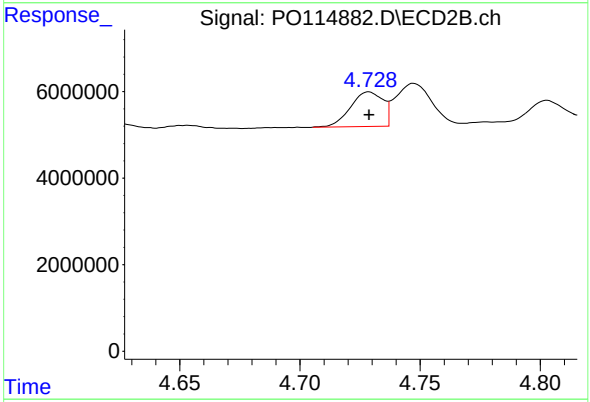
#16 AR-1242-1

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 9217524
Conc: 49.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

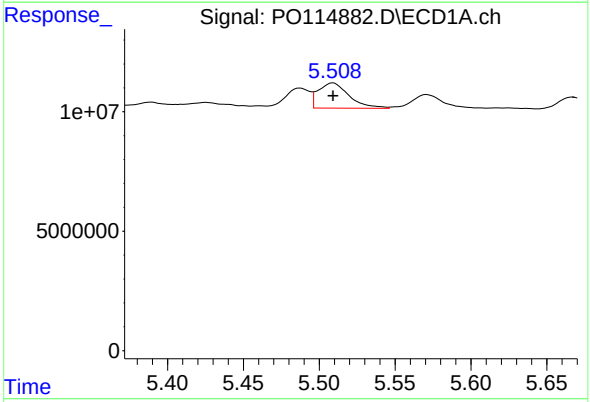
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



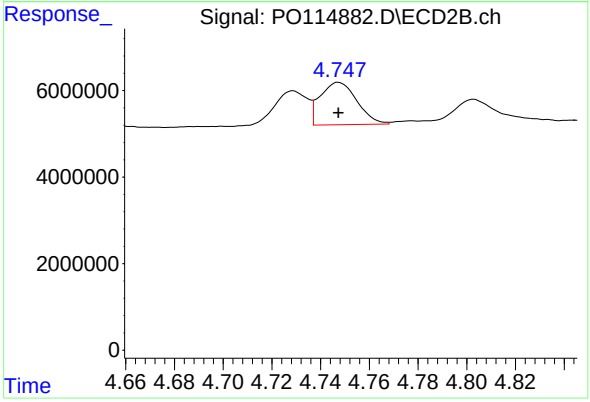
#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 7516814
Conc: 51.41 ng/ml



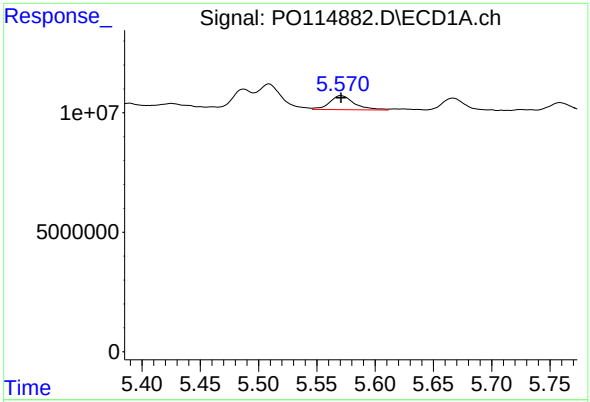
#17 AR-1242-2

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 14989568
Conc: 50.17 ng/ml



#17 AR-1242-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 10253143
Conc: 49.50 ng/ml



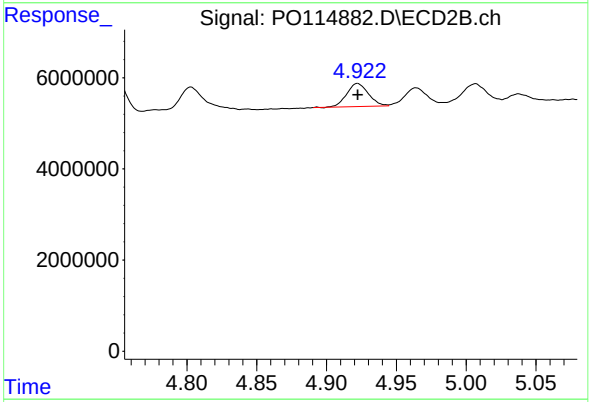
#18 AR-1242-3

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 8818491
Conc: 51.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

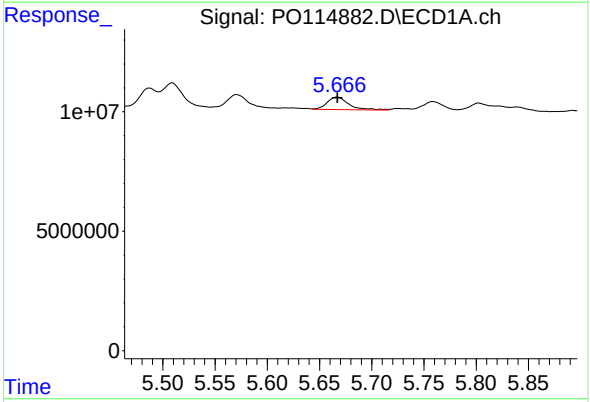
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



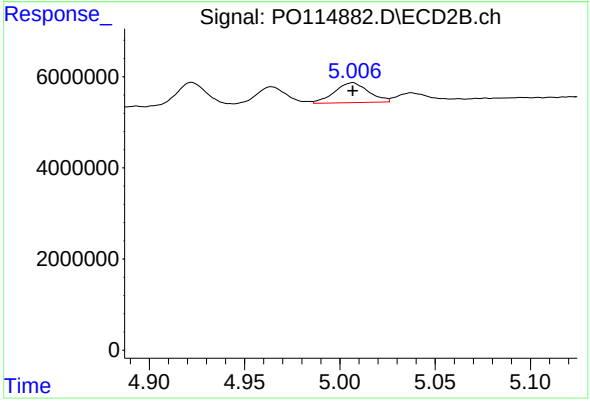
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 5476880
Conc: 48.91 ng/ml



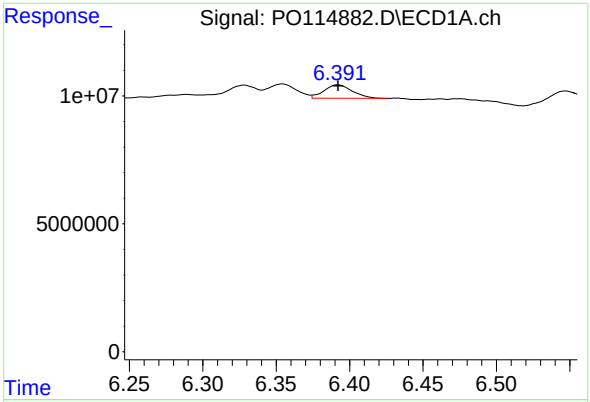
#19 AR-1242-4

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 7618827
Conc: 53.21 ng/ml



#19 AR-1242-4

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 5459668
Conc: 50.96 ng/ml



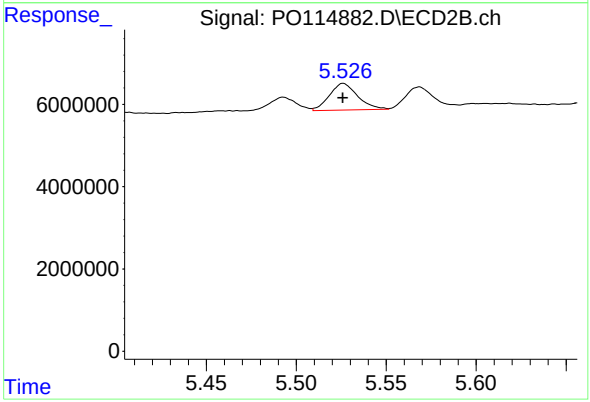
#20 AR-1242-5

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 7059809
Conc: 50.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 7127481
Conc: 49.82 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:19
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: Nov 04 14:15:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 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...	4.348	3.648	731.7E6	475.9E6	98.575	98.613
2)	SA Decachlor...	9.931	8.641	459.1E6	407.6E6	98.355	97.441
	Target Compounds						
21)	L5 AR-1248-1	5.486	4.727	130.1E6	101.0E6	970.963	951.788
22)	L5 AR-1248-2	5.757	4.963	182.9E6	136.5E6	970.365	957.940
23)	L5 AR-1248-3	5.957	5.005	203.4E6	143.9E6	974.566	961.296
24)	L5 AR-1248-4	6.354	5.175	240.2E6	171.3E6	968.415	963.693
25)	L5 AR-1248-5	6.391	5.567	225.3E6	174.6E6	969.541	965.748

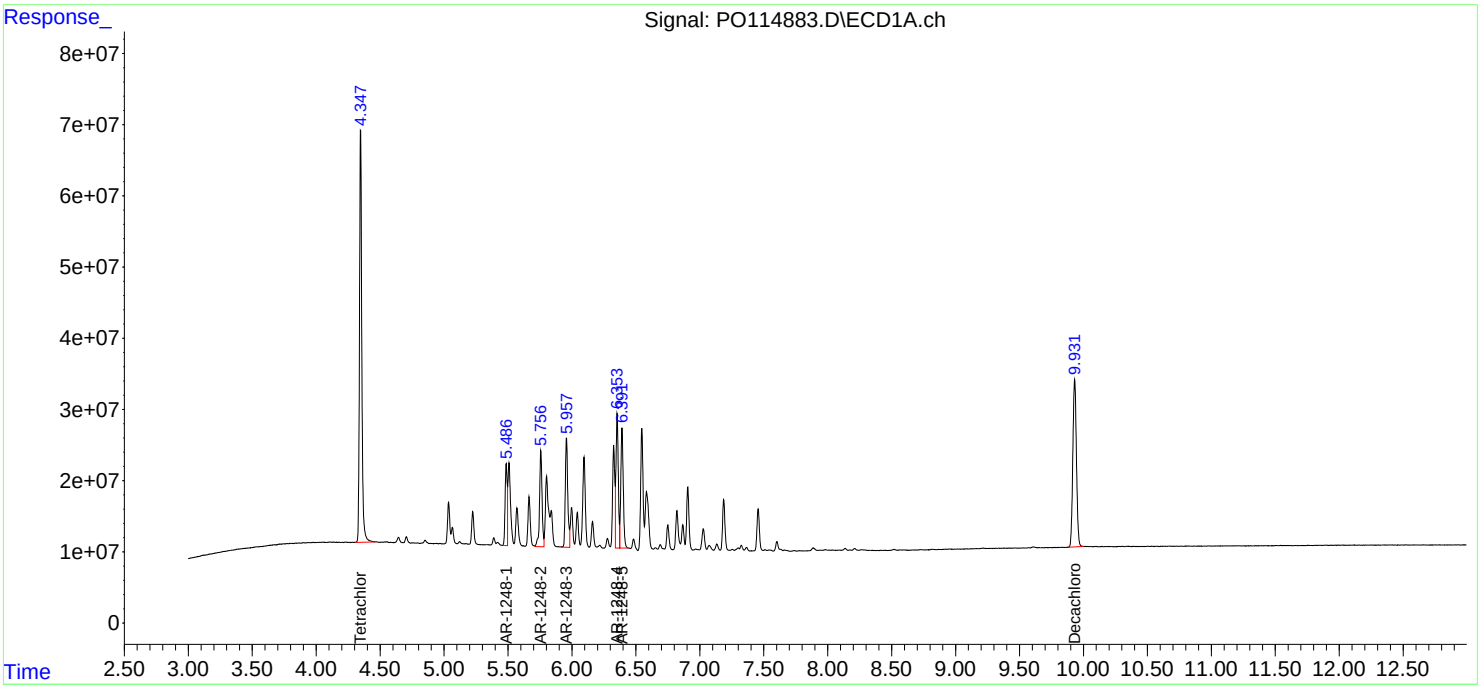
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

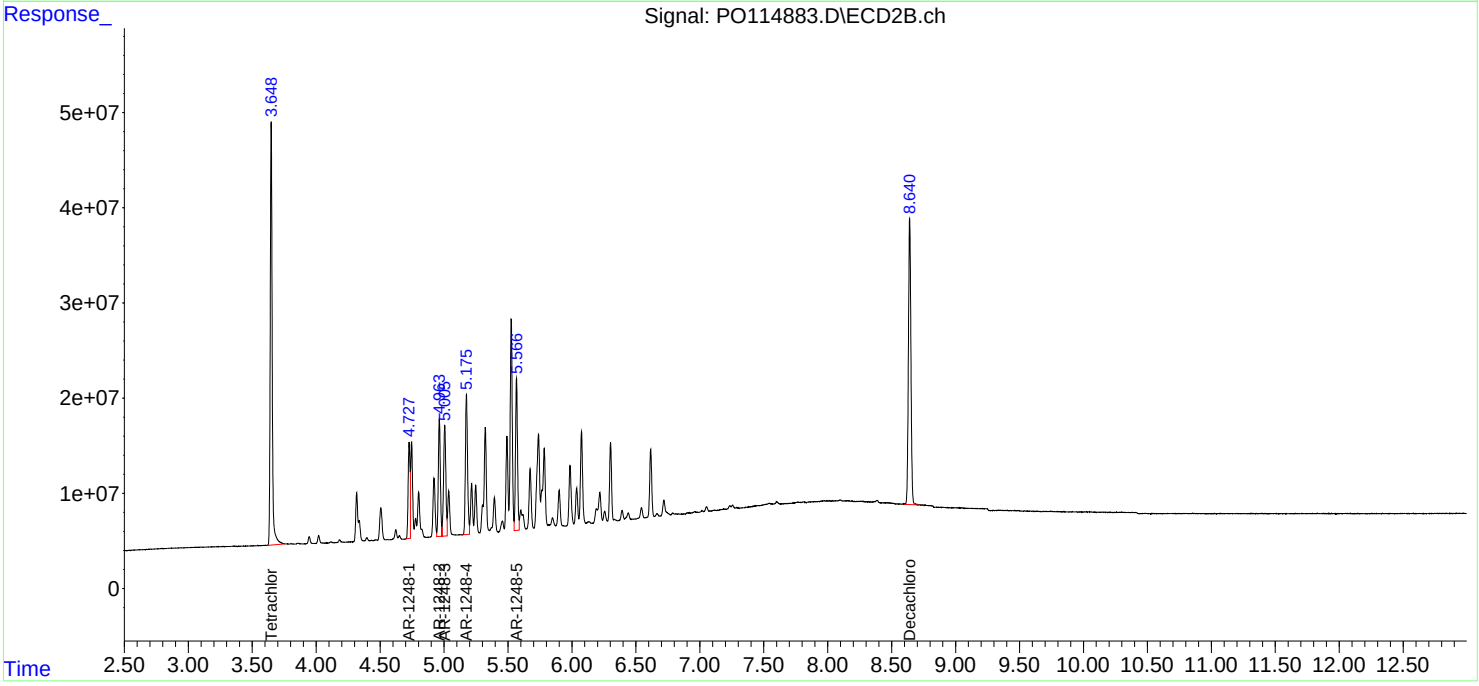
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:19
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

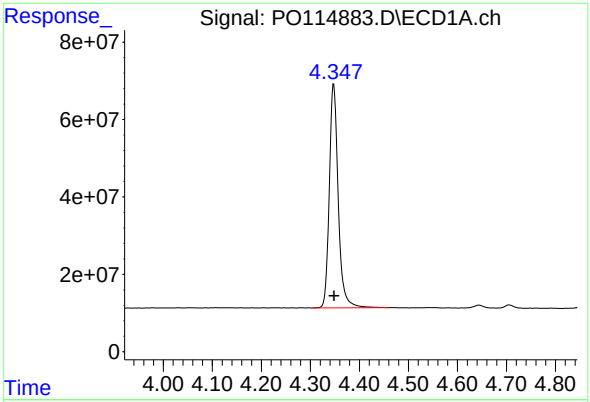
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:15:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 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



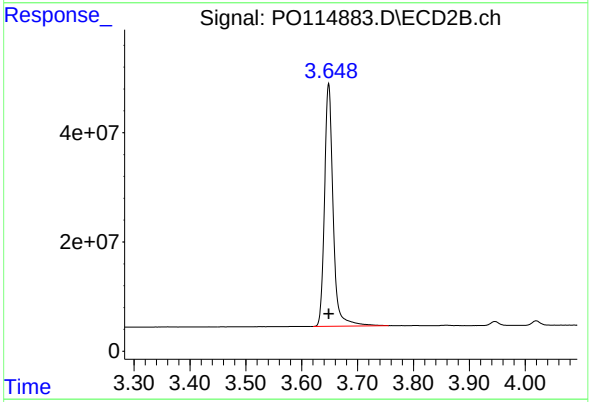




#1 Tetrachloro-m-xylene

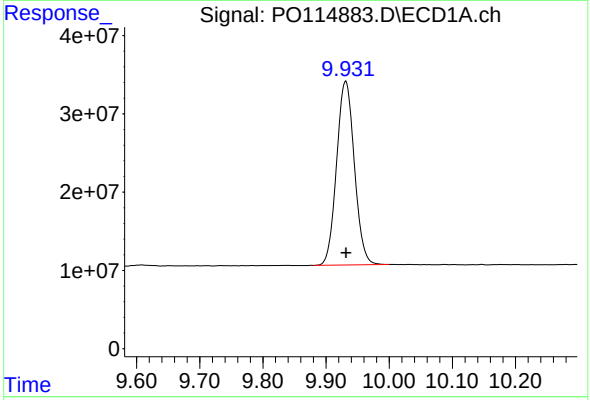
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 731654136
Conc: 98.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



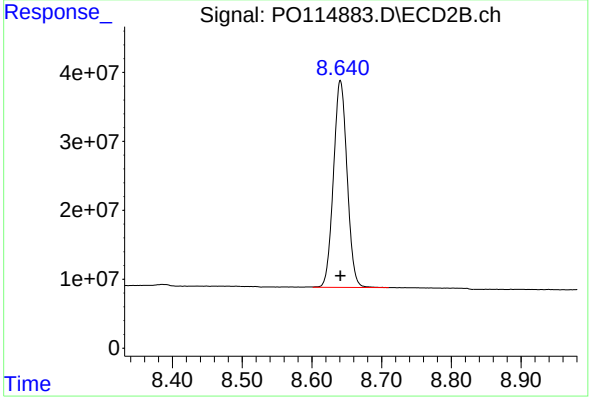
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 475850908
Conc: 98.61 ng/ml



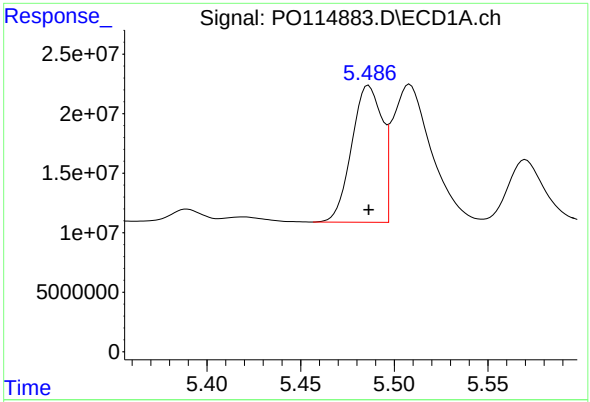
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 459072029
Conc: 98.35 ng/ml



#2 Decachlorobiphenyl

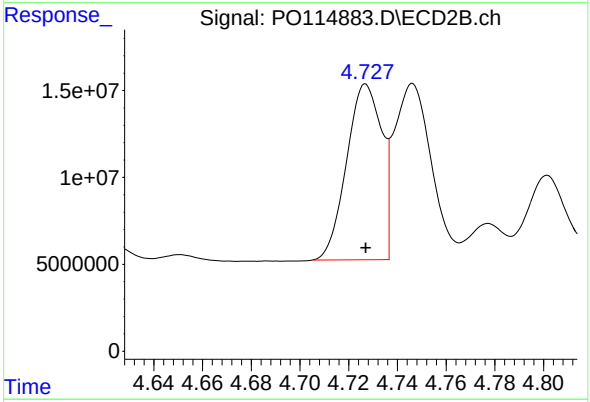
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 407604233
Conc: 97.44 ng/ml



#21 AR-1248-1

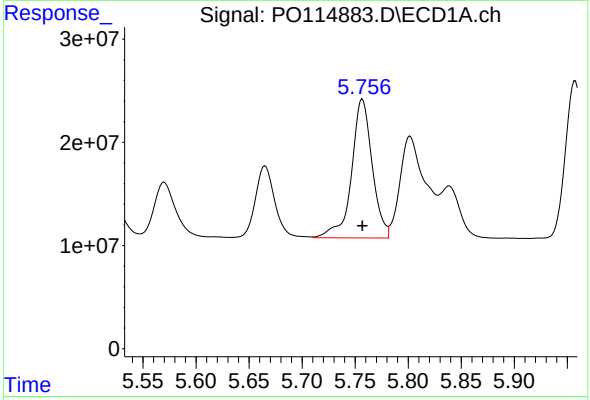
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 130126160
Conc: 970.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



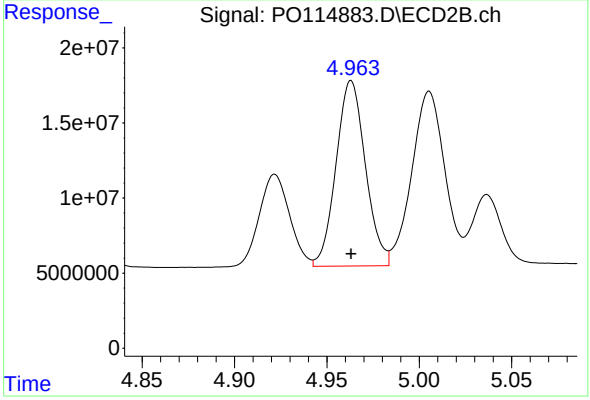
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 101027399
Conc: 951.79 ng/ml



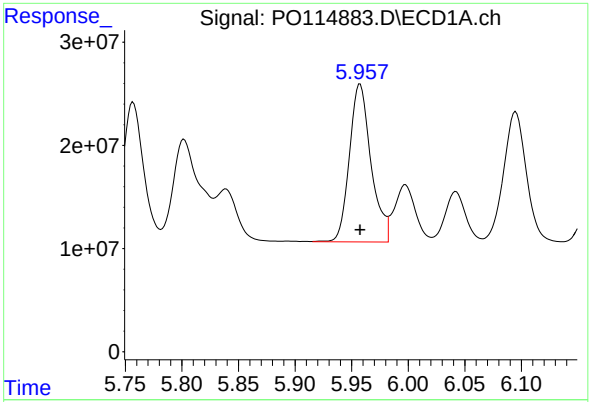
#22 AR-1248-2

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 182893435
Conc: 970.36 ng/ml



#22 AR-1248-2

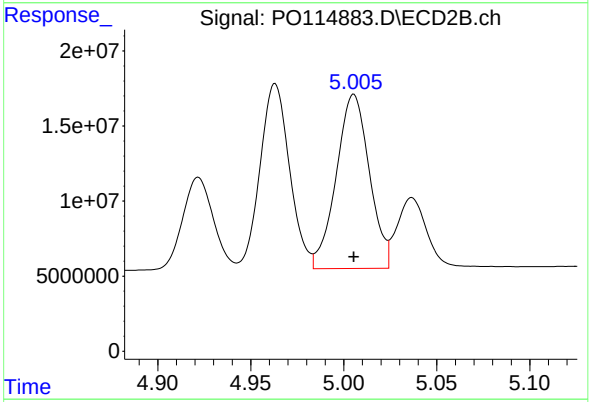
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 136540550
Conc: 957.94 ng/ml



#23 AR-1248-3

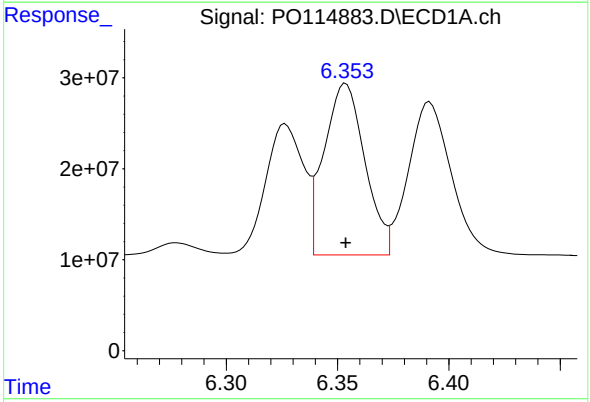
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 203368877
Conc: 974.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



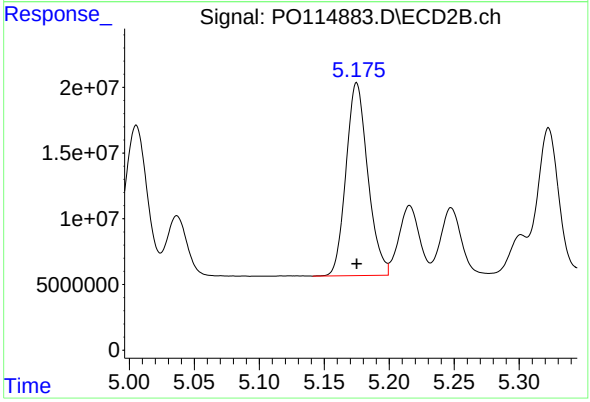
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 143887712
Conc: 961.30 ng/ml



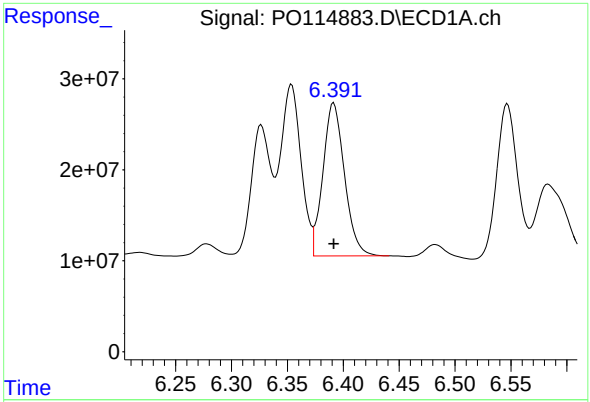
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 240181487
Conc: 968.41 ng/ml



#24 AR-1248-4

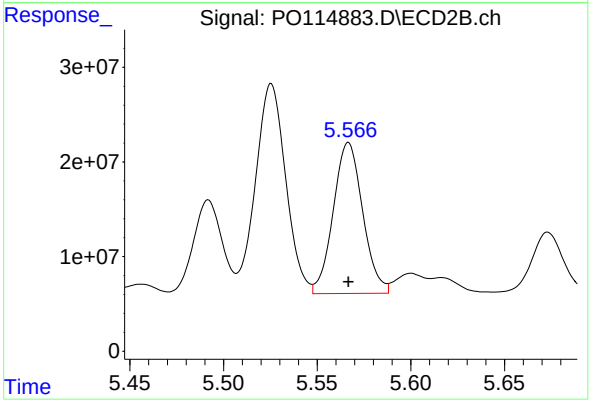
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 171266913
Conc: 963.69 ng/ml



#25 AR-1248-5

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 225312398
Conc: 969.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 174649655
Conc: 965.75 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114884.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:37
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: Nov 04 14:18:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 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...	4.349	3.650	558.2E6	362.2E6	75.139	75.043
2)	SA Decachlor...	9.934	8.642	348.6E6	312.5E6	74.784	74.797
	Target Compounds						
21)	L5 AR-1248-1	5.487	4.728	101.4E6	79219349	754.563	747.551
22)	L5 AR-1248-2	5.759	4.965	140.8E6	106.9E6	747.878	750.206
23)	L5 AR-1248-3	5.958	5.007	154.7E6	112.4E6	744.299	750.689
24)	L5 AR-1248-4	6.355	5.177	184.7E6	133.3E6	746.353	749.852
25)	L5 AR-1248-5	6.393	5.568	173.1E6	135.2E6	746.437	748.274

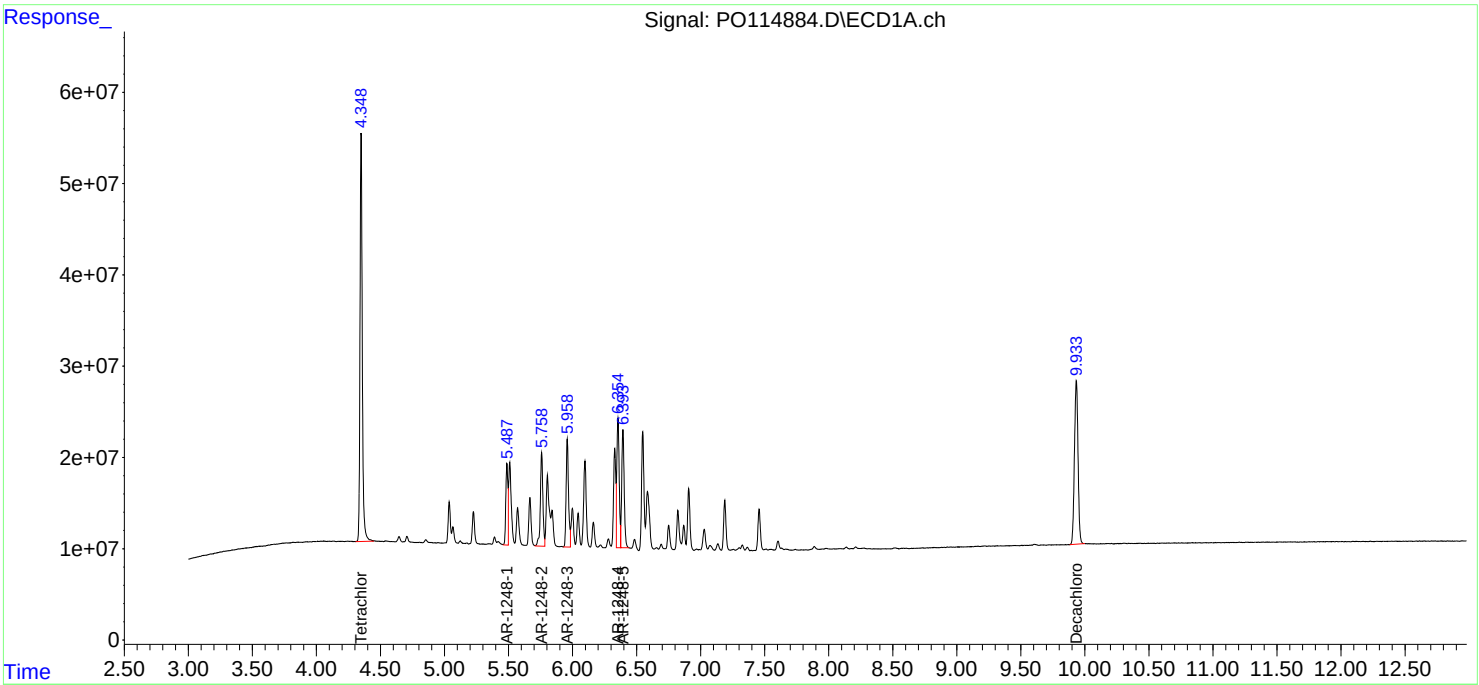
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

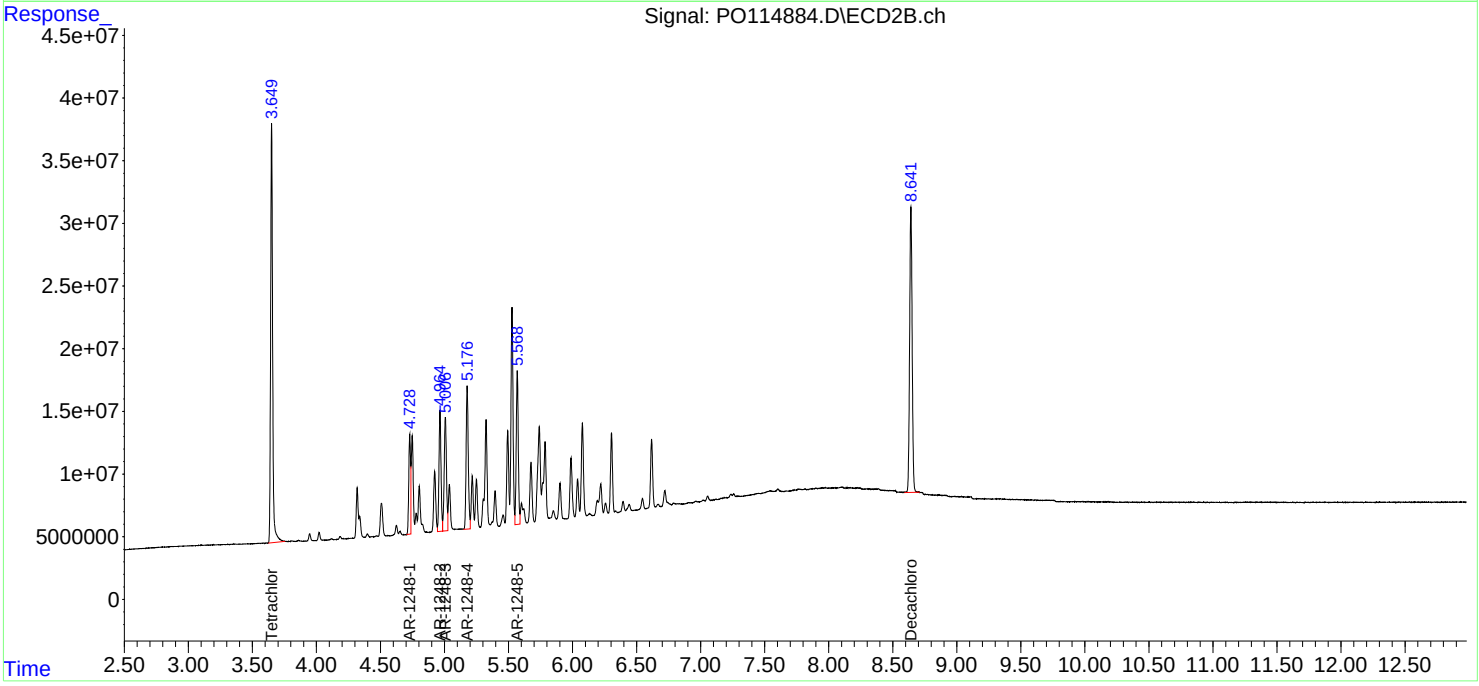
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114884.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:37
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

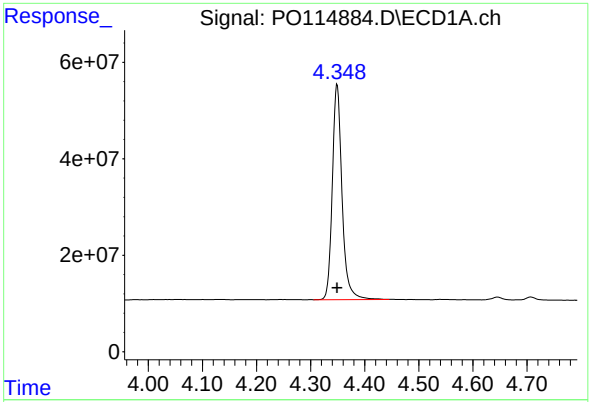
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:18:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 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



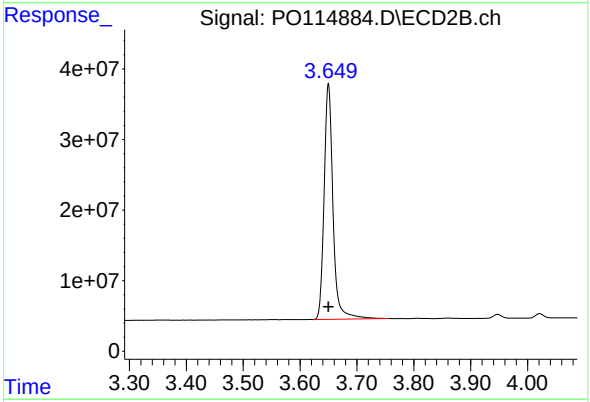




#1 Tetrachloro-m-xylene

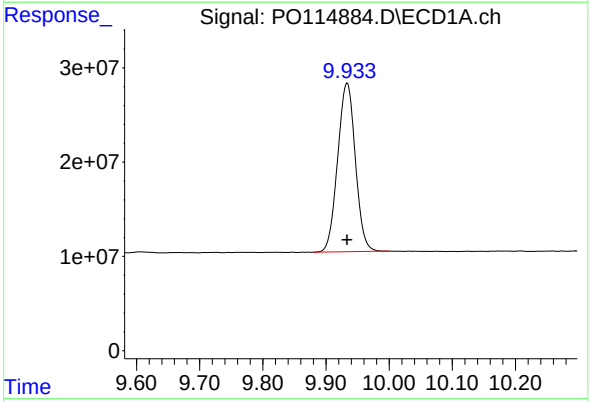
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 558220114
Conc: 75.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



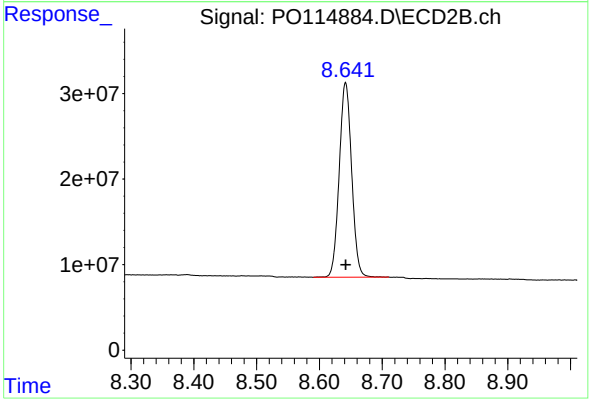
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 362215909
Conc: 75.04 ng/ml



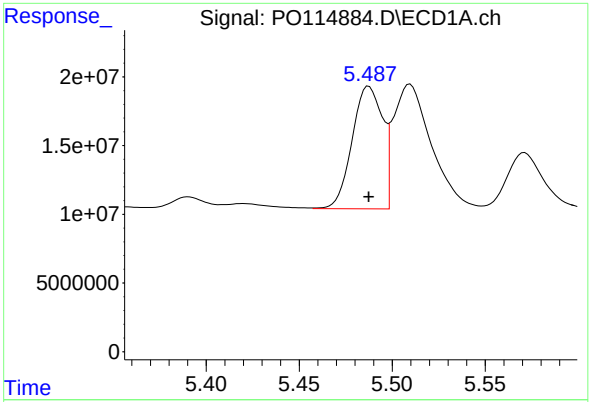
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 348551615
Conc: 74.78 ng/ml



#2 Decachlorobiphenyl

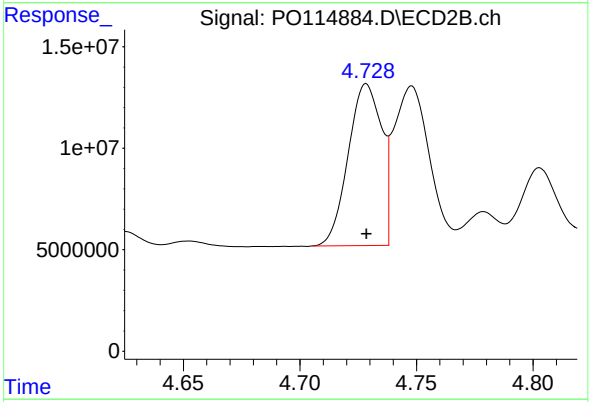
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 312456644
Conc: 74.80 ng/ml



#21 AR-1248-1

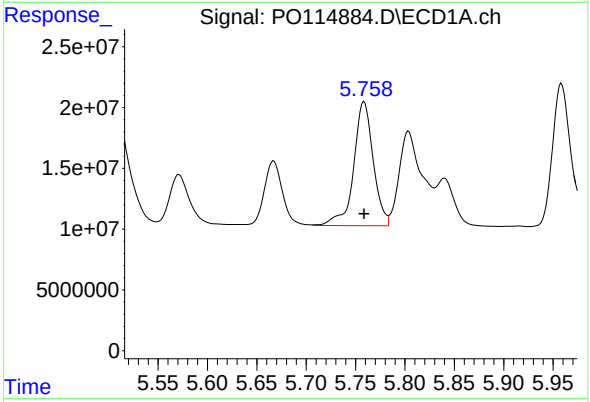
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 101433357
Conc: 754.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



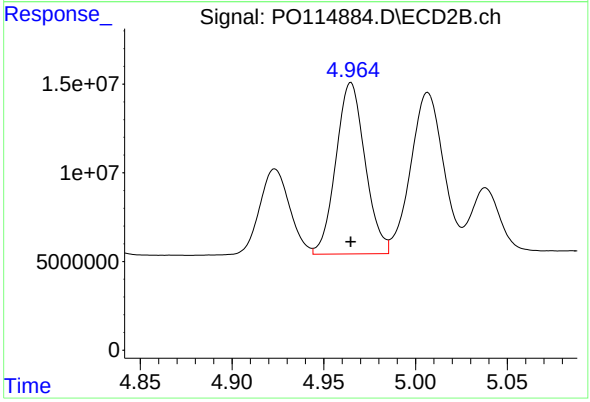
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 79219349
Conc: 747.55 ng/ml



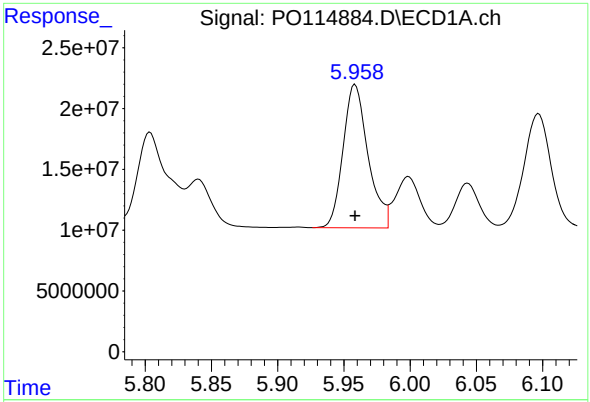
#22 AR-1248-2

R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 140760121
Conc: 747.88 ng/ml



#22 AR-1248-2

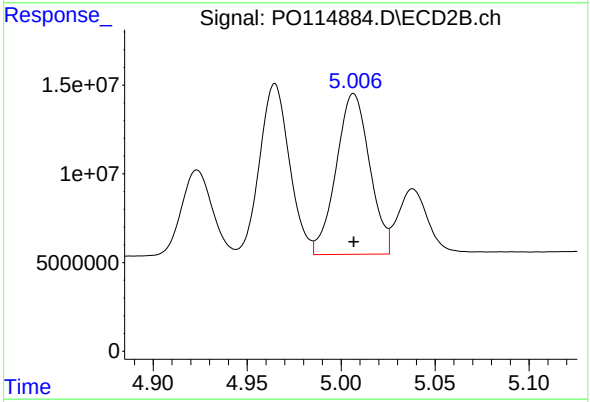
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 106945642
Conc: 750.21 ng/ml



#23 AR-1248-3

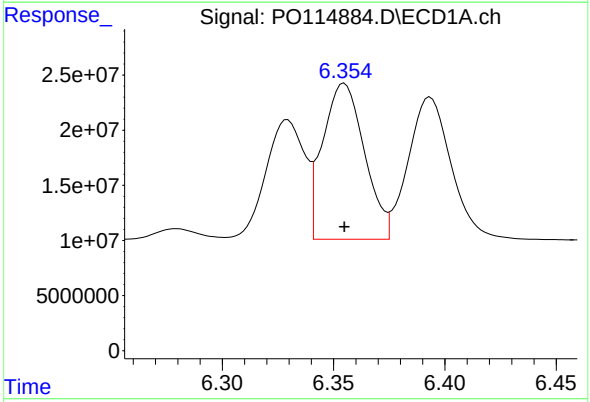
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 154729681
Conc: 744.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



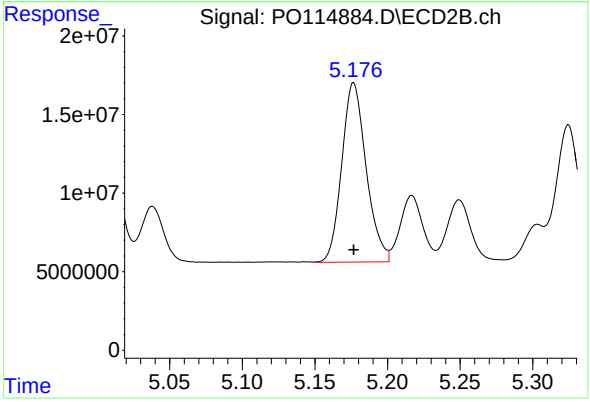
#23 AR-1248-3

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 112415399
Conc: 750.69 ng/ml



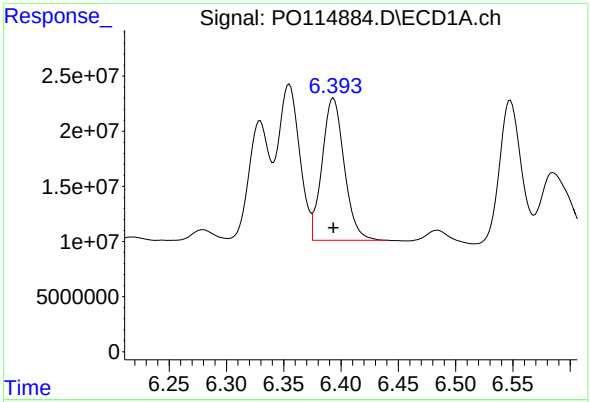
#24 AR-1248-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 184657771
Conc: 746.35 ng/ml



#24 AR-1248-4

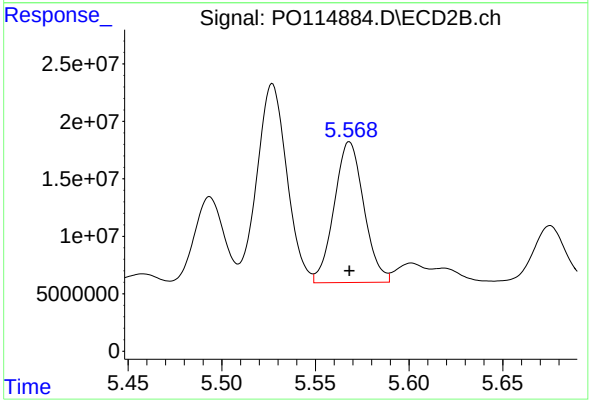
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 133250019
Conc: 749.85 ng/ml



#25 AR-1248-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 173053817
Conc: 746.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 135165288
Conc: 748.27 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:56
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: Nov 04 14:12:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 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...	4.349	3.650	376.4E6	244.6E6	50.000	50.000
2)	SA Decachlor...	9.932	8.642	237.2E6	214.5E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.487	4.728	68954500	55631193	500.000	500.000
22)	L5 AR-1248-2	5.759	4.964	97032346	74265259	500.000	500.000
23)	L5 AR-1248-3	5.959	5.006	107.0E6	77737125	500.000	500.000
24)	L5 AR-1248-4	6.354	5.177	127.9E6	92085877	500.000	500.000
25)	L5 AR-1248-5	6.393	5.568	119.7E6	93519021	500.000	500.000

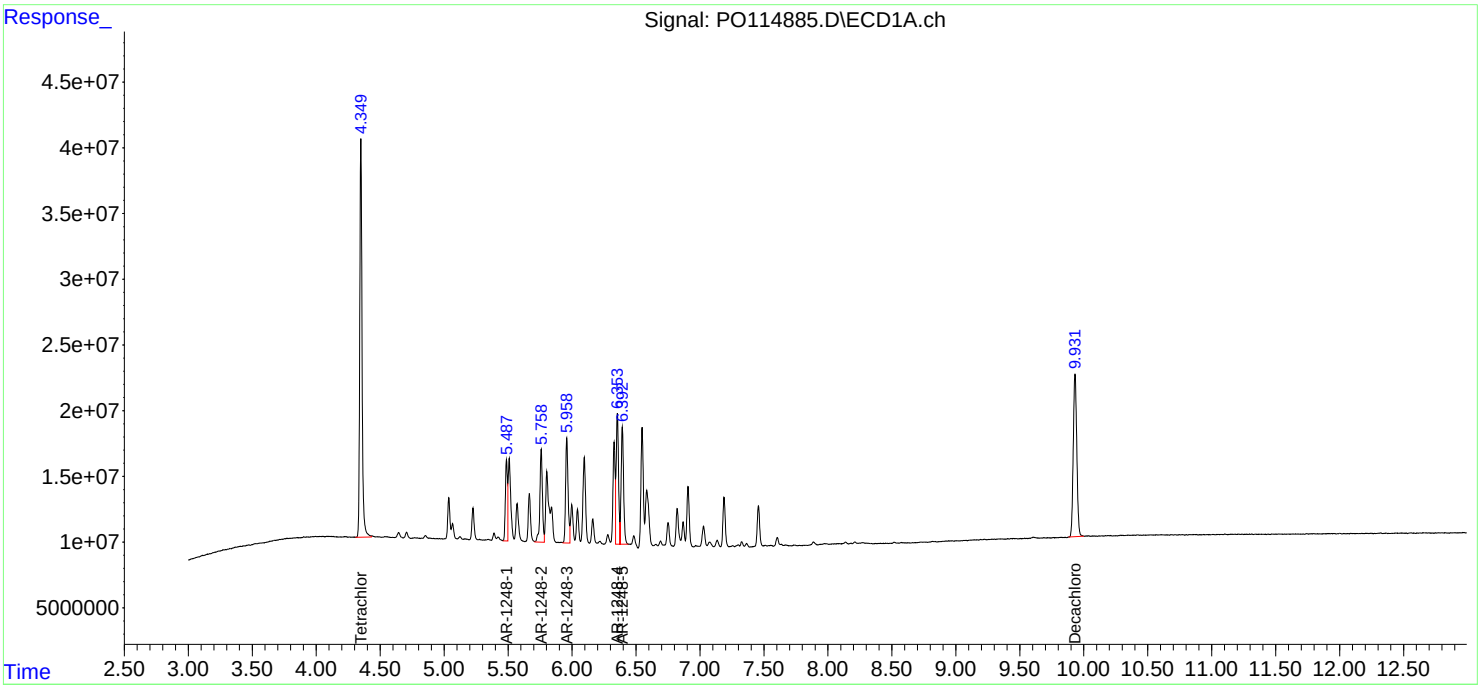
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

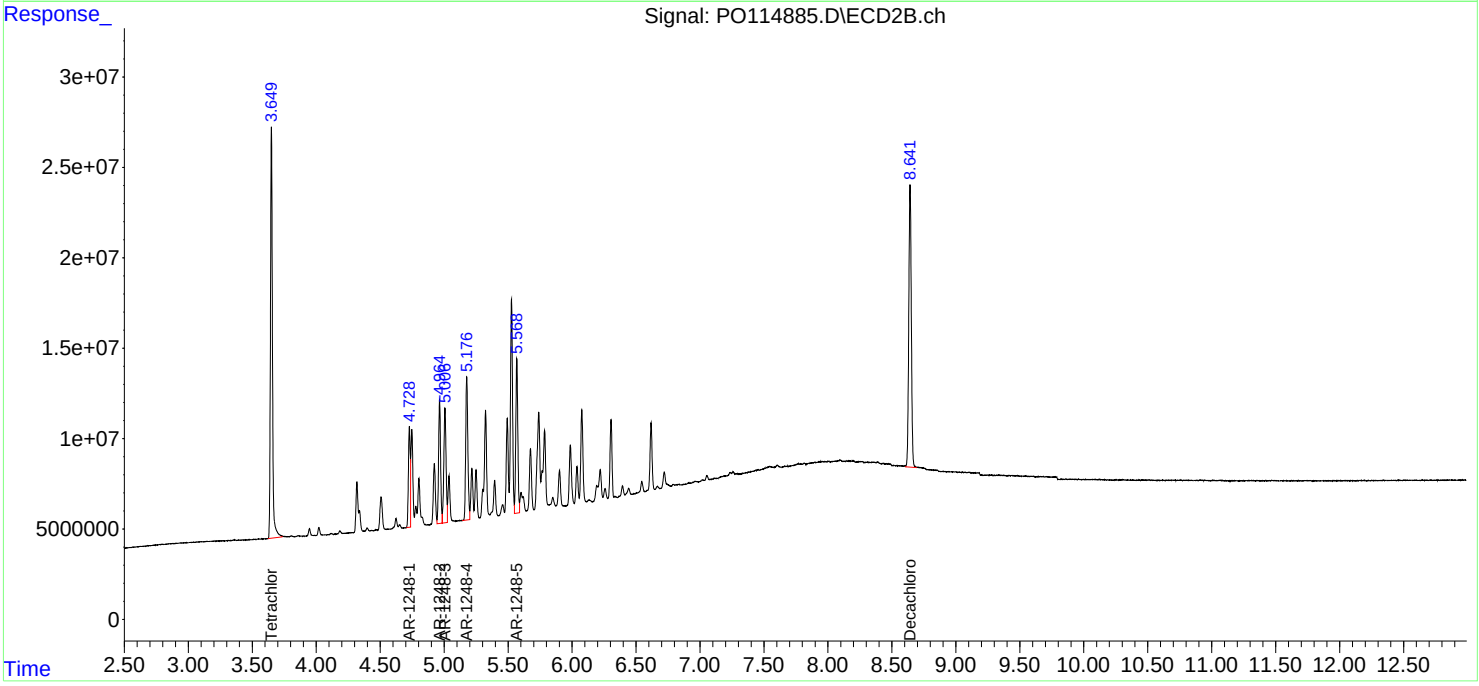
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:56
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

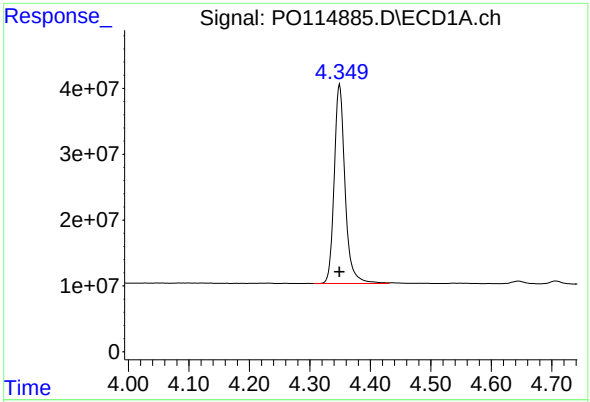
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:12:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 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



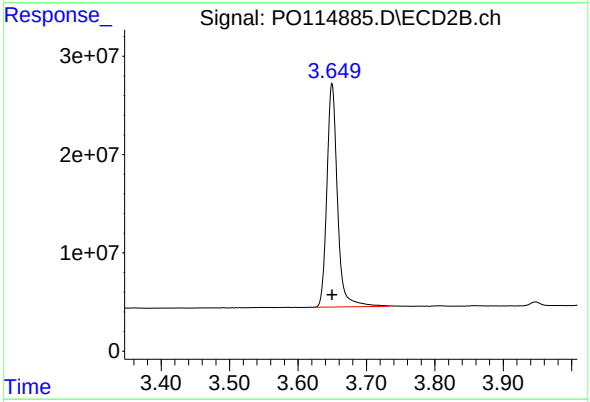




#1 Tetrachloro-m-xylene

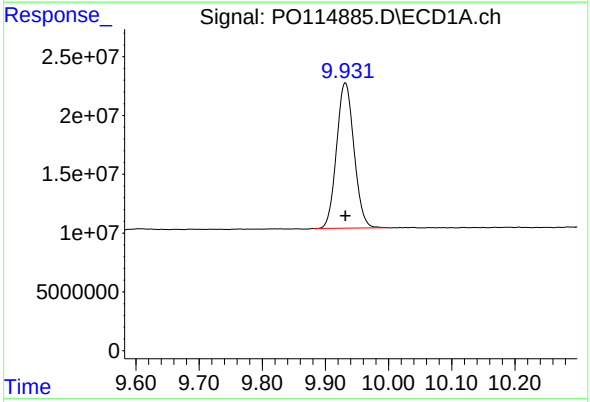
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 376402726
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



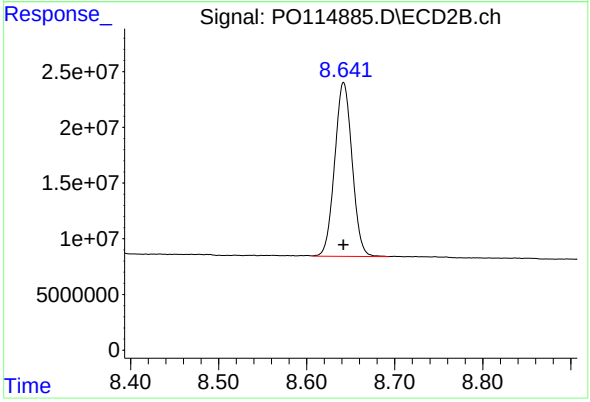
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 244616714
Conc: 50.00 ng/ml



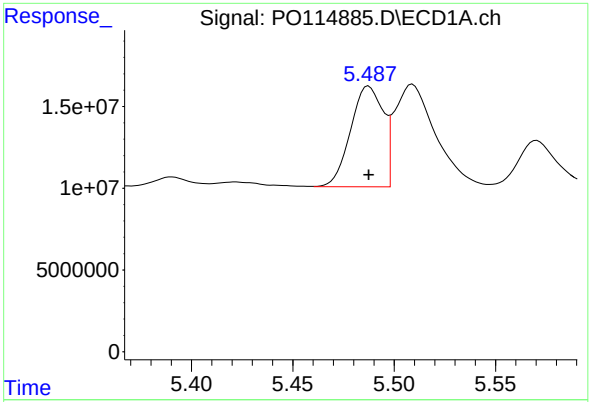
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 237214444
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

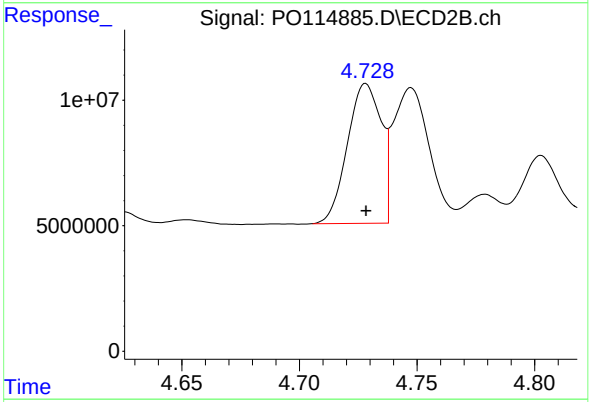
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 214506201
Conc: 50.00 ng/ml



#21 AR-1248-1

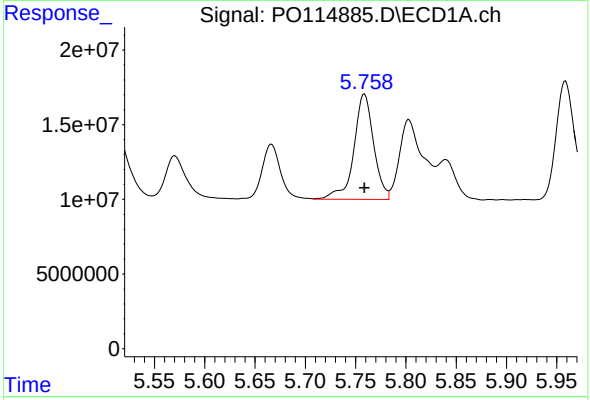
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 68954500
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



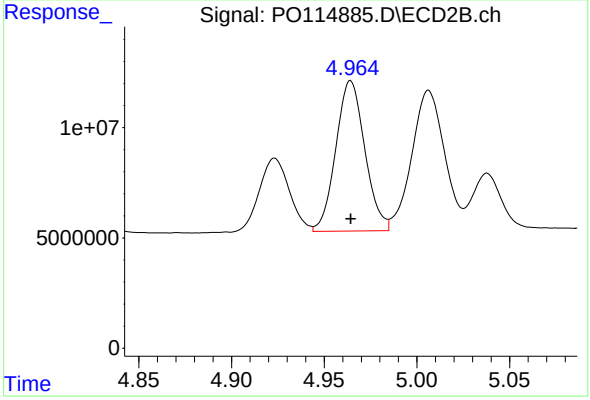
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 55631193
Conc: 500.00 ng/ml



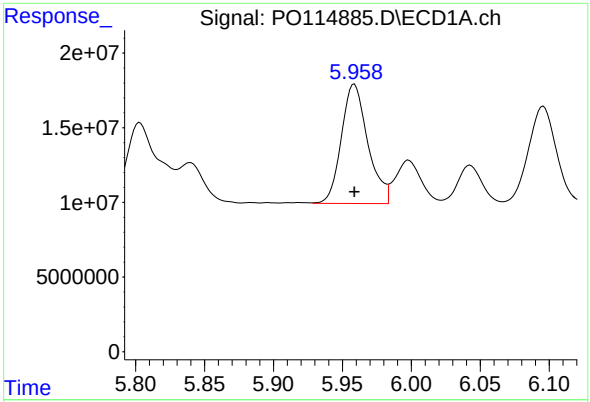
#22 AR-1248-2

R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 97032346
Conc: 500.00 ng/ml



#22 AR-1248-2

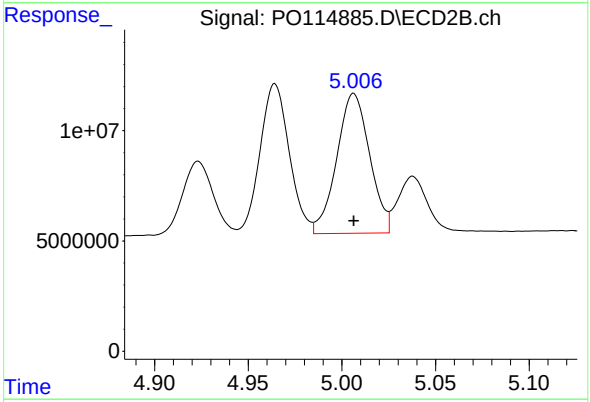
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 74265259
Conc: 500.00 ng/ml



#23 AR-1248-3

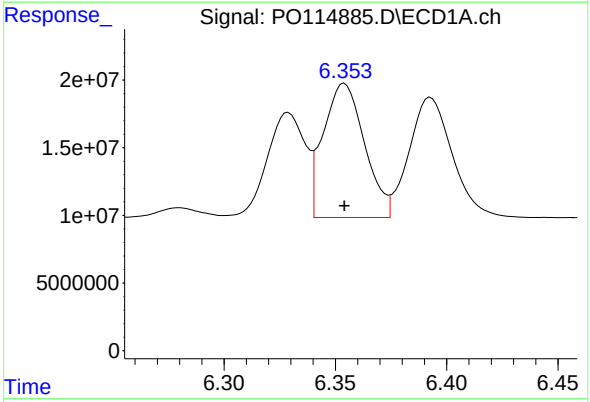
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 106991977
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



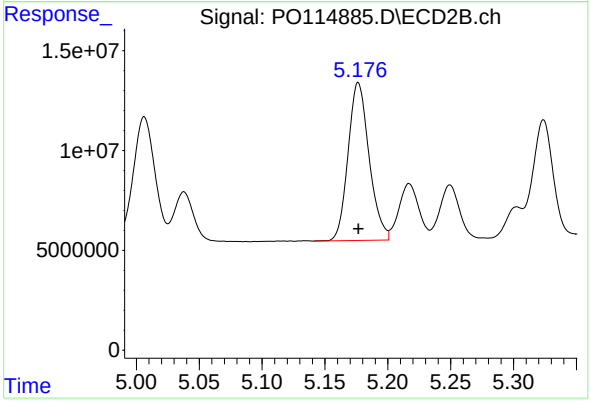
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 77737125
Conc: 500.00 ng/ml



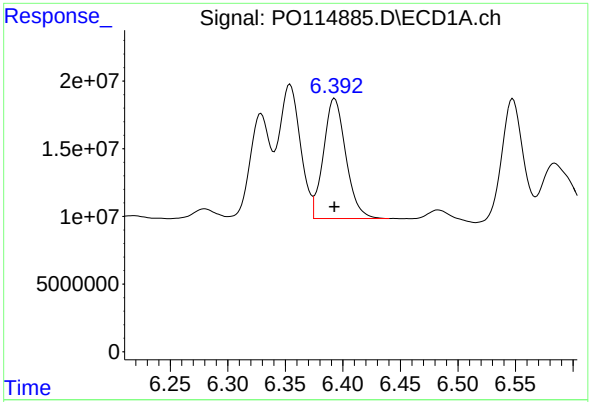
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 127924322
Conc: 500.00 ng/ml



#24 AR-1248-4

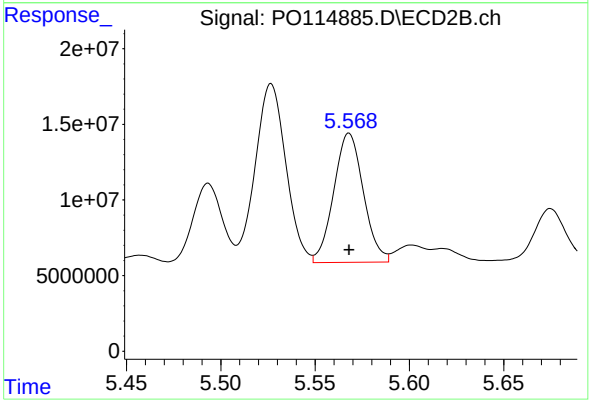
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 92085877
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 119734539
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 93519021
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:14
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: Nov 04 14:29:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 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...	4.349	3.649	185.1E6	120.3E6	24.933	24.939
2)	SA Decachlor...	9.931	8.642	116.5E6	110.1E6	25.002	26.000
	Target Compounds						
21)	L5 AR-1248-1	5.487	4.728	35435549	28273297	260.067	262.392
22)	L5 AR-1248-2	5.758	4.964	49098195	38173242	258.061	263.101
23)	L5 AR-1248-3	5.958	5.006	53231777	39587309	254.519	260.615
24)	L5 AR-1248-4	6.354	5.176	63989316	46878477	256.419	260.212
25)	L5 AR-1248-5	6.393	5.567	60028950	47410600	256.634	259.234

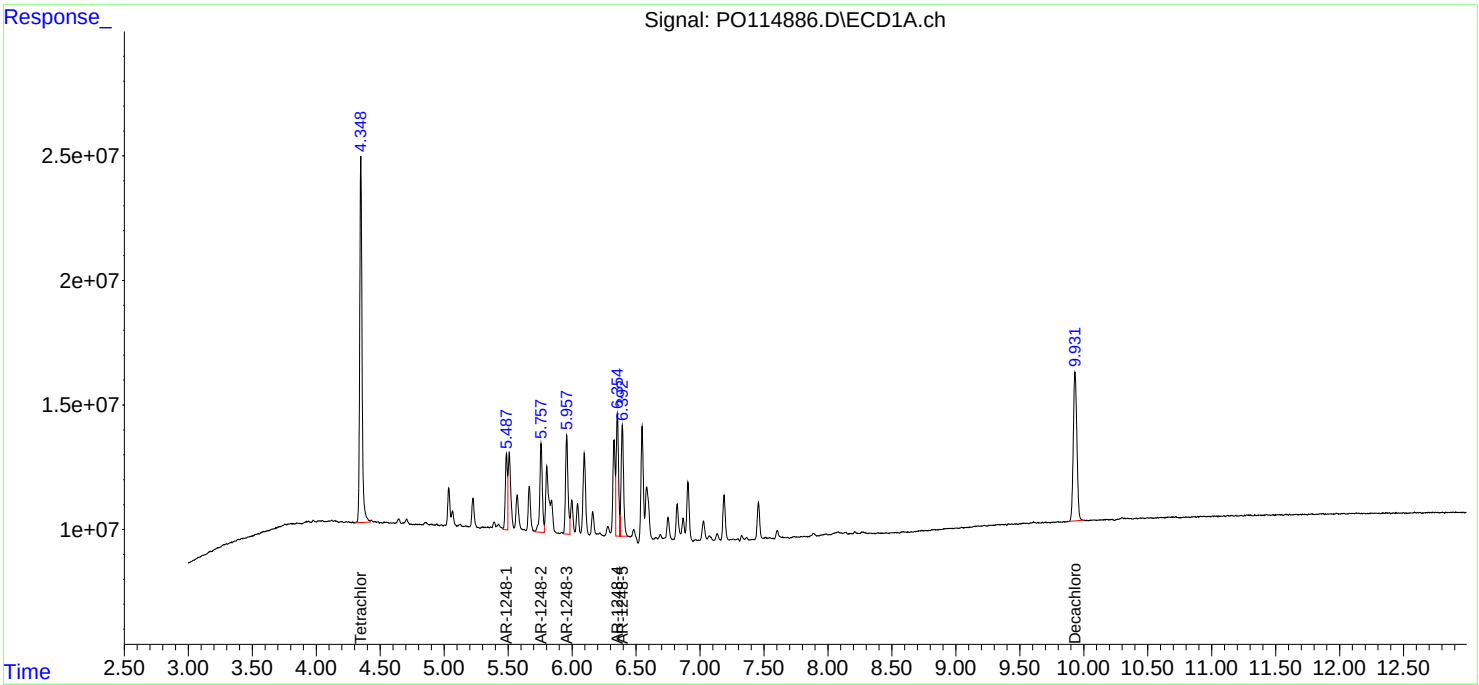
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

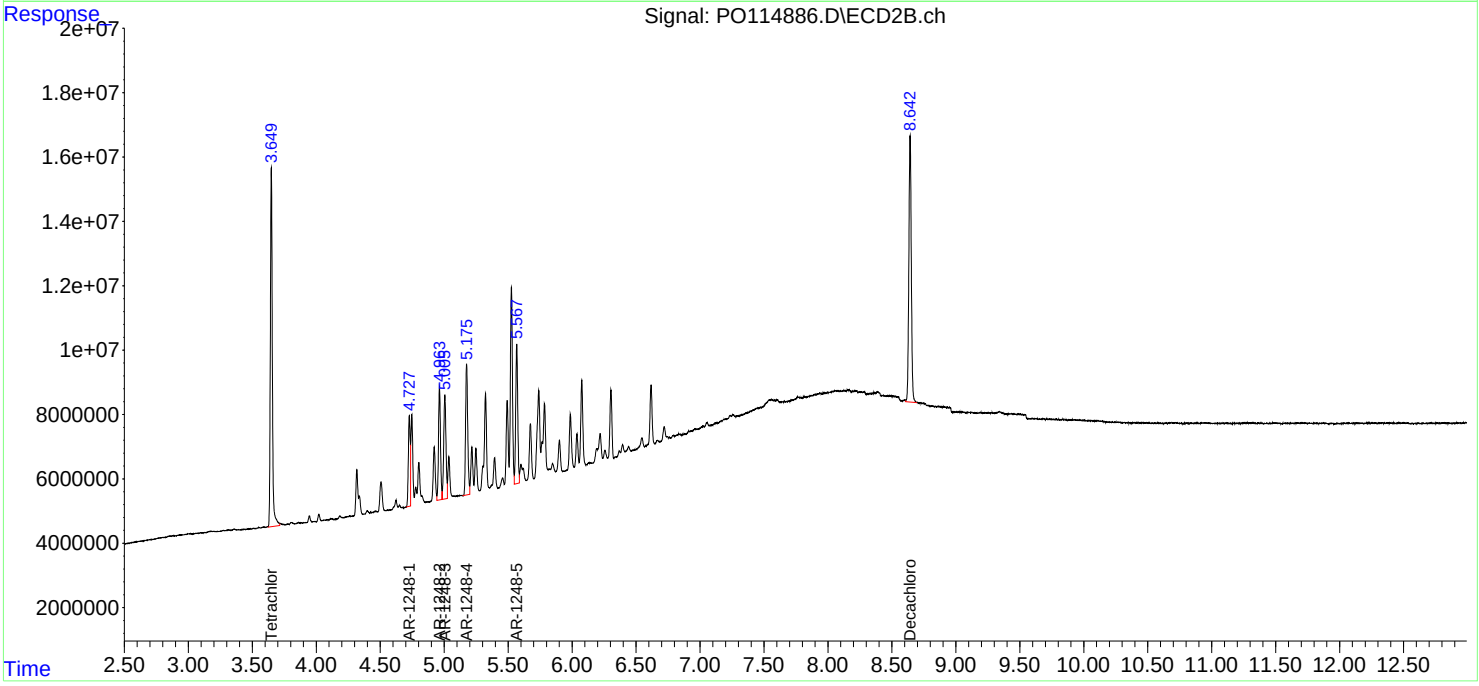
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:14
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

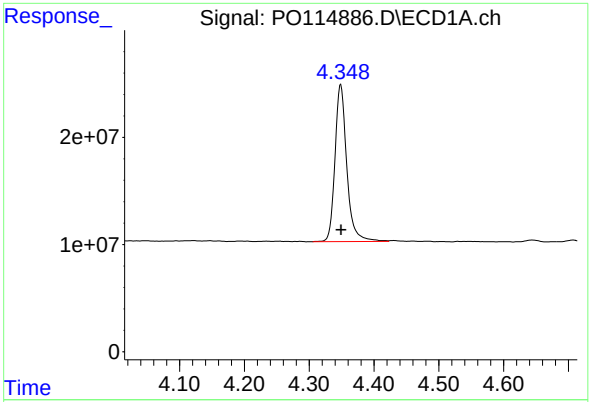
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:29:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 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



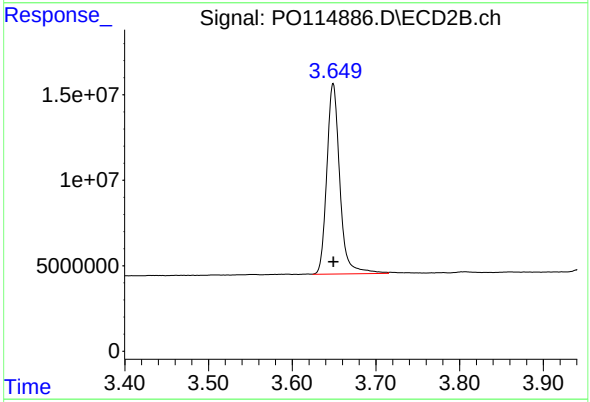




#1 Tetrachloro-m-xylene

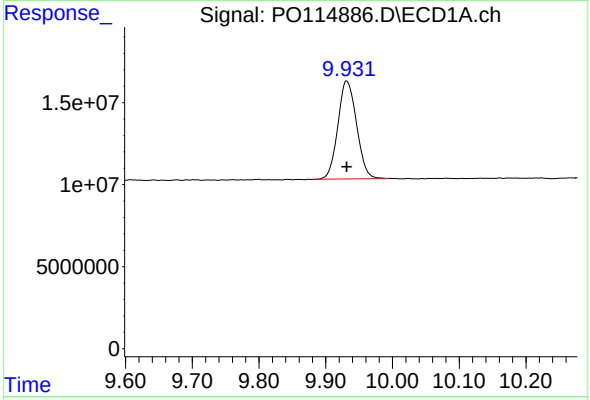
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 185065214
Conc: 24.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



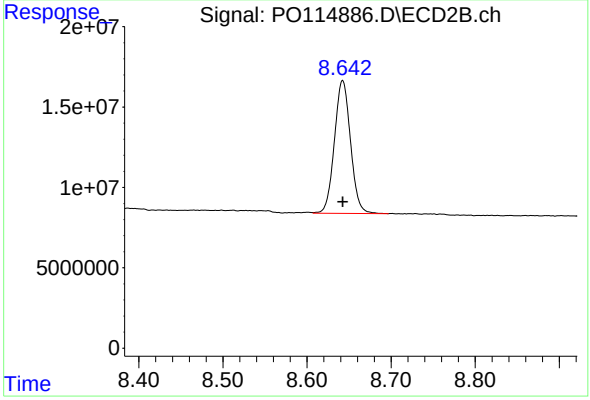
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 120280239
Conc: 24.94 ng/ml



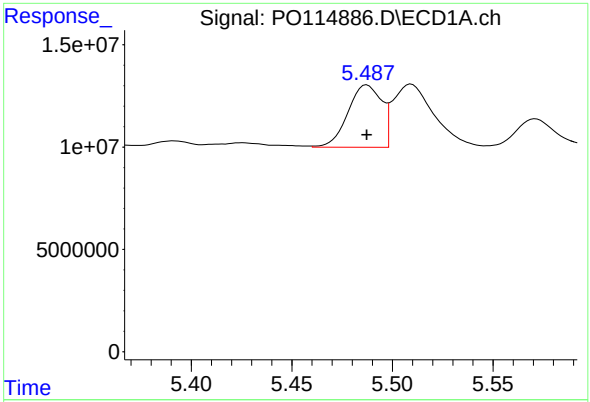
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 116530069
Conc: 25.00 ng/ml



#2 Decachlorobiphenyl

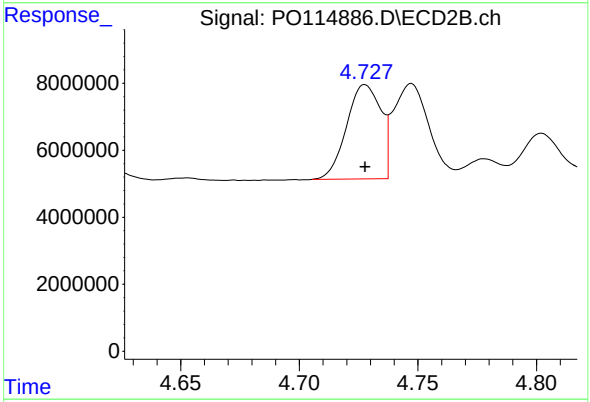
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 110081763
Conc: 26.00 ng/ml



#21 AR-1248-1

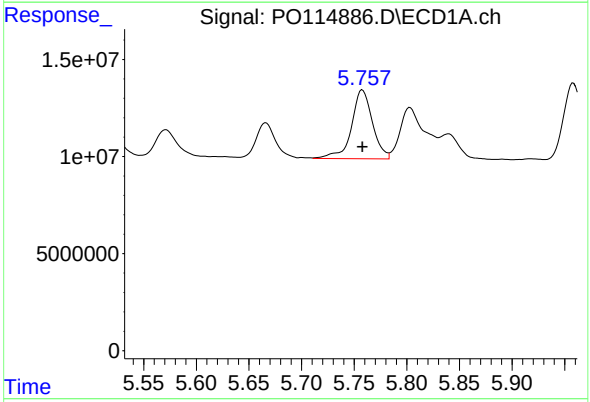
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 35435549
Conc: 260.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



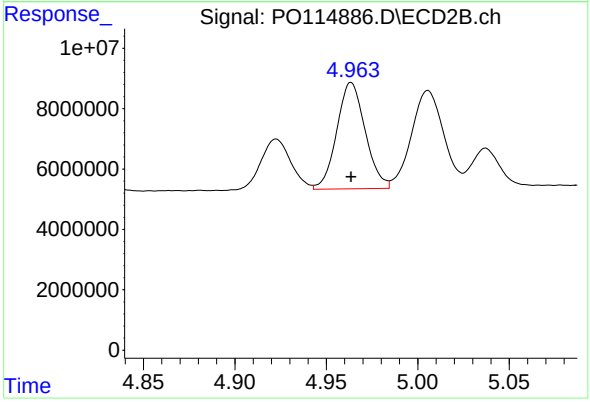
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 28273297
Conc: 262.39 ng/ml



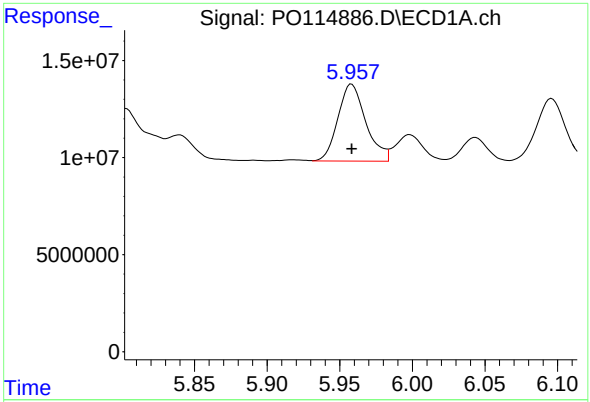
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 49098195
Conc: 258.06 ng/ml



#22 AR-1248-2

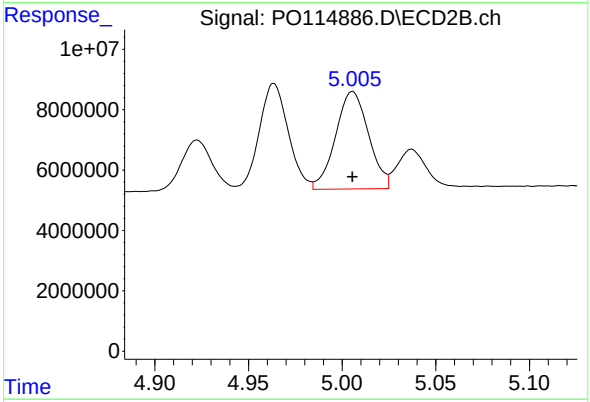
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 38173242
Conc: 263.10 ng/ml



#23 AR-1248-3

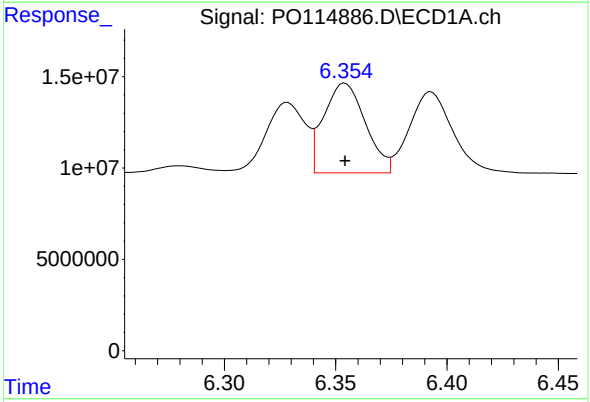
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 53231777
Conc: 254.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



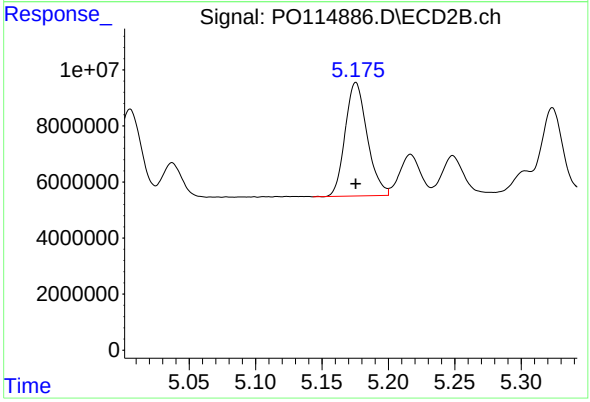
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 39587309
Conc: 260.61 ng/ml



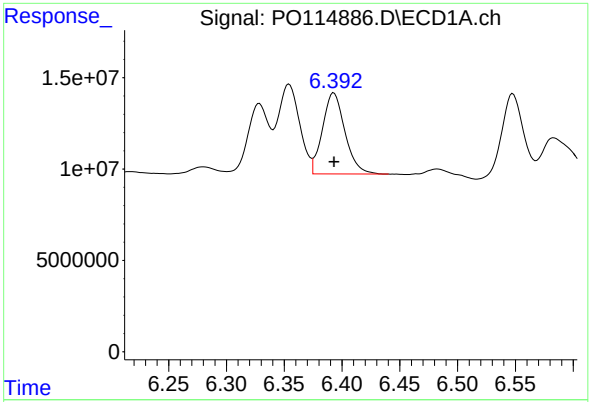
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 63989316
Conc: 256.42 ng/ml



#24 AR-1248-4

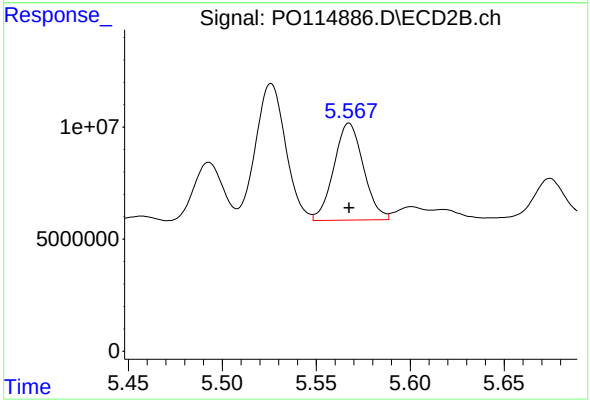
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 46878477
Conc: 260.21 ng/ml



#25 AR-1248-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 60028950
Conc: 256.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 47410600
Conc: 259.23 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:33
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: Nov 04 14:49:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:48:57 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...	4.348	3.648	36092002	23635170	4.889	4.920
2)	SA Decachlor...	9.931	8.642	21056806	20723944	4.607	4.915
	Target Compounds						
21)	L5 AR-1248-1	5.487	4.727	7710330	5776990	55.135	52.850
22)	L5 AR-1248-2	5.758	4.963	10567680	8207209	54.339	55.119
23)	L5 AR-1248-3	5.958	5.005	10879375	8472020	51.601	54.515
24)	L5 AR-1248-4	6.355	5.176	13238663	9782119	52.411	53.381
25)	L5 AR-1248-5	6.393	5.567	12160694	9504633	51.579	51.564

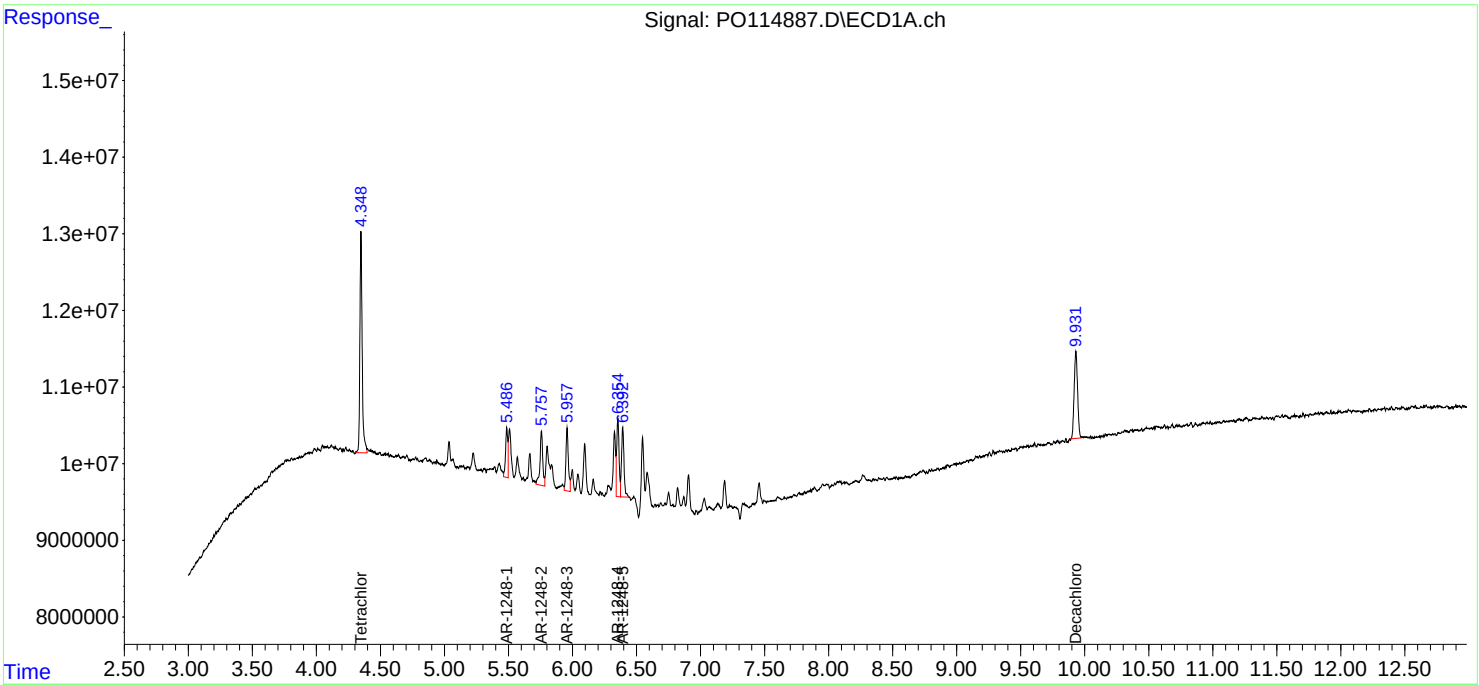
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

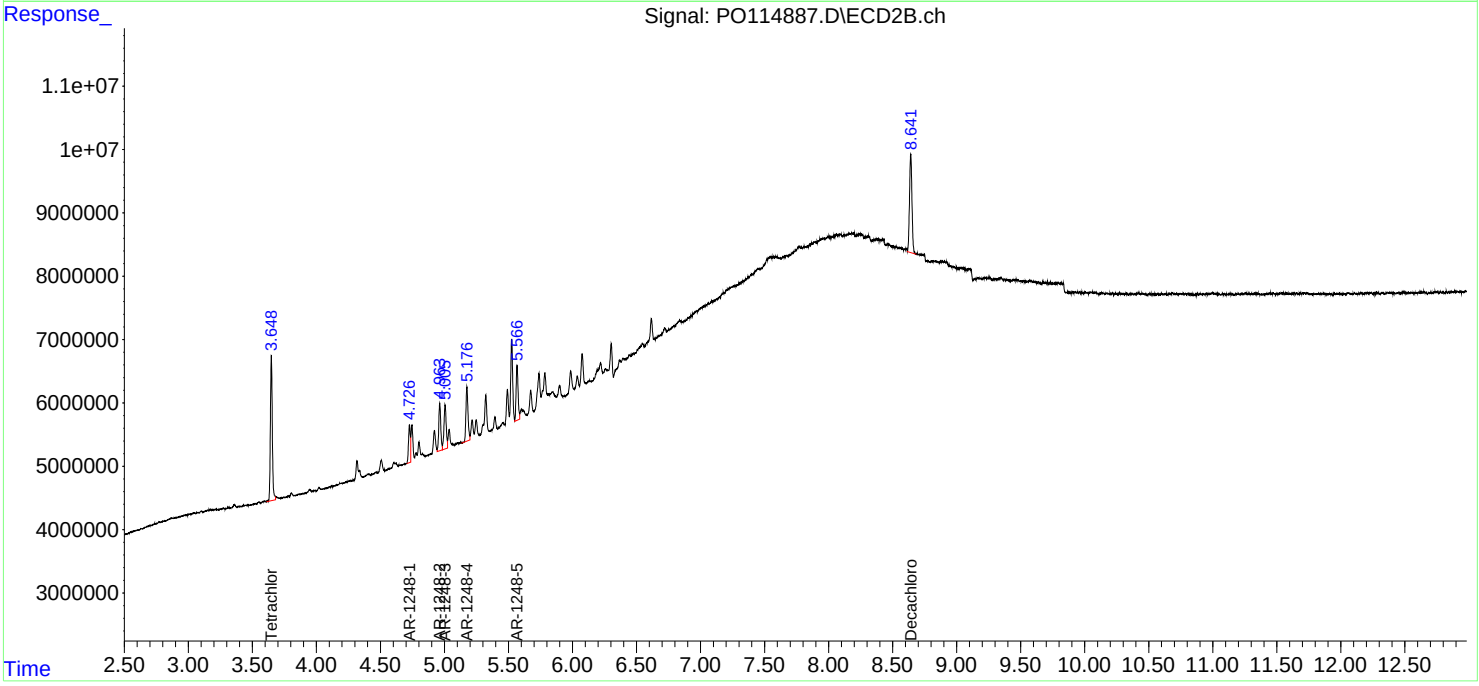
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:33
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

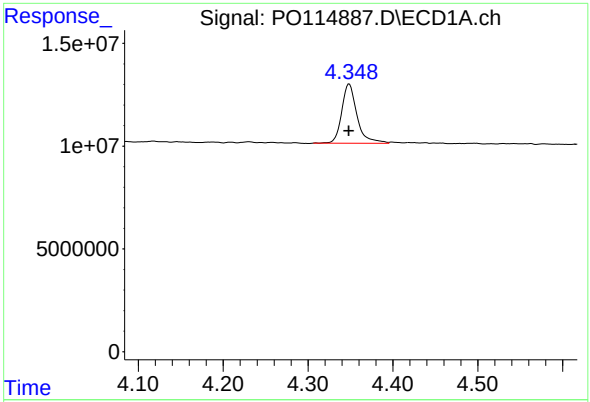
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:49:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:48:57 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



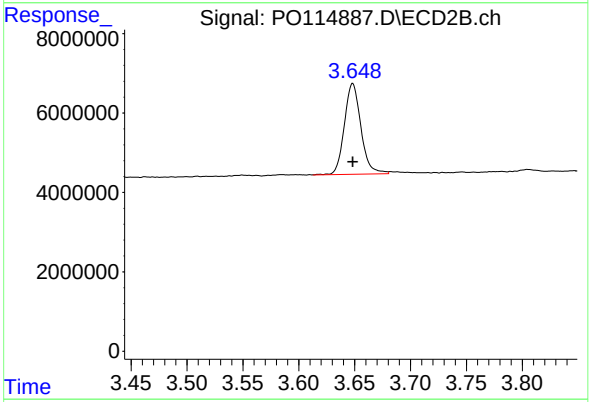




#1 Tetrachloro-m-xylene

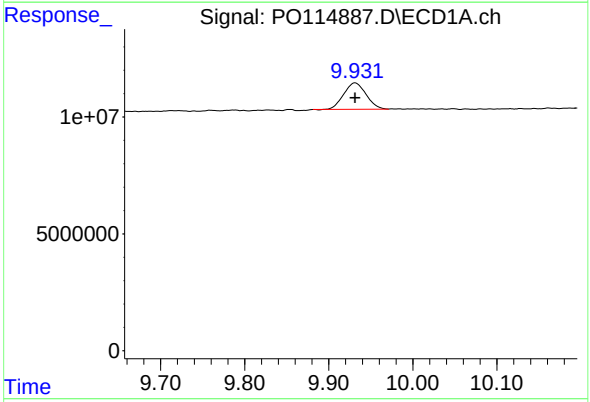
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 36092002
Conc: 4.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



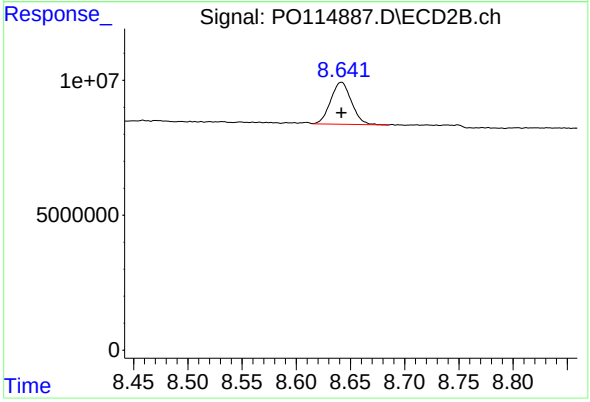
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 23635170
Conc: 4.92 ng/ml



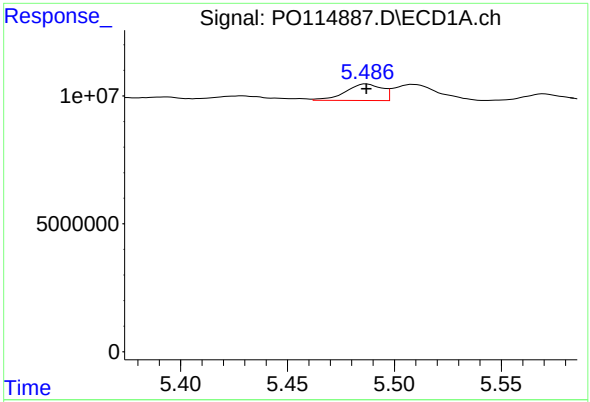
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 21056806
Conc: 4.61 ng/ml



#2 Decachlorobiphenyl

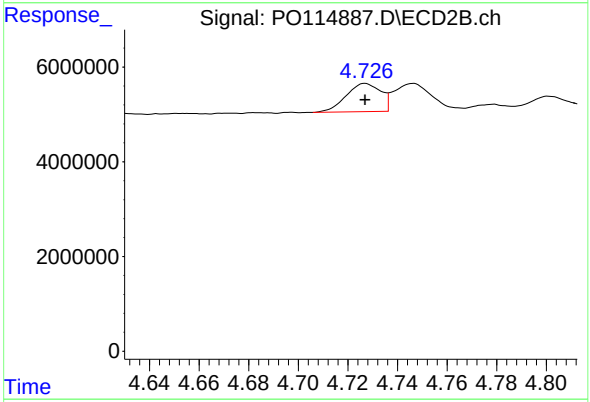
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 20723944
Conc: 4.92 ng/ml



#21 AR-1248-1

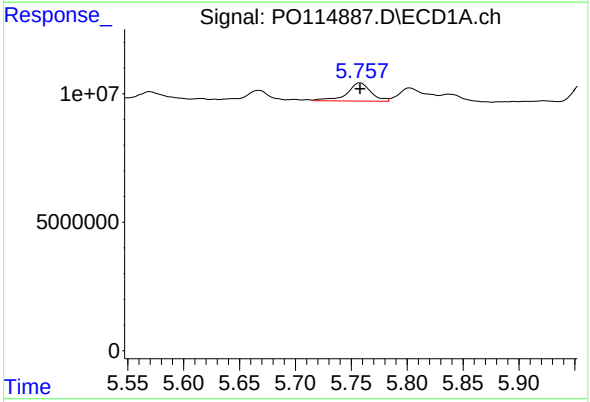
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 7710330
Conc: 55.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



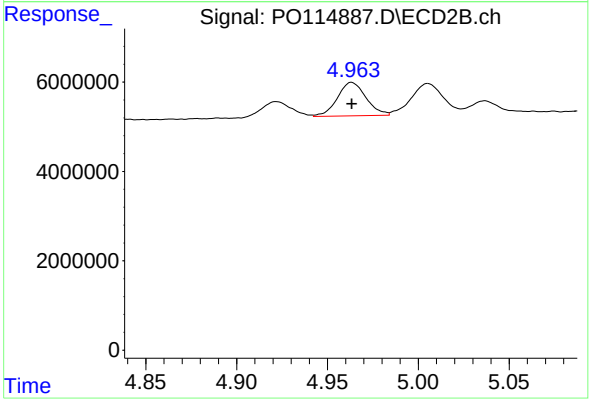
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 5776990
Conc: 52.85 ng/ml



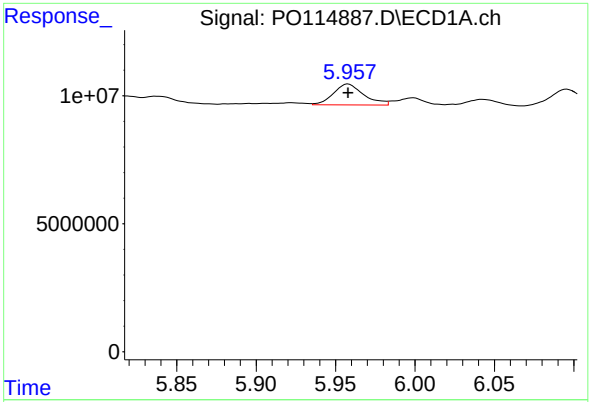
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 10567680
Conc: 54.34 ng/ml



#22 AR-1248-2

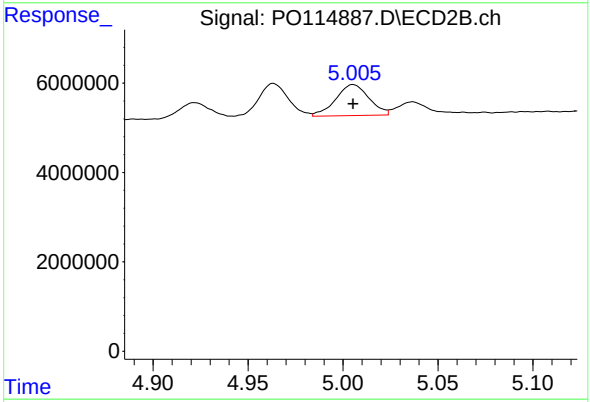
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 8207209
Conc: 55.12 ng/ml



#23 AR-1248-3

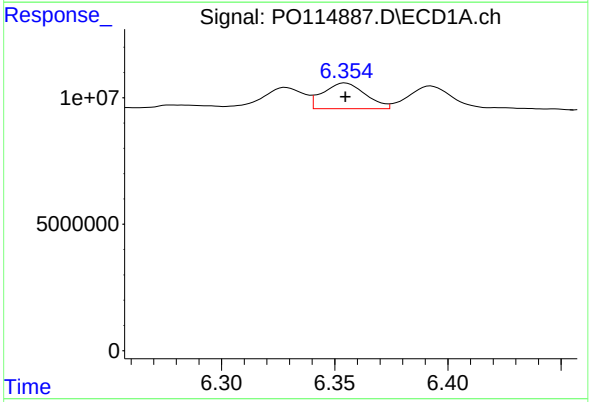
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 10879375
Conc: 51.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



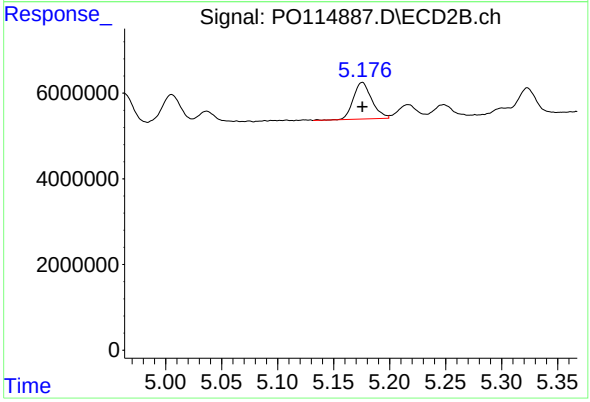
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 8472020
Conc: 54.51 ng/ml



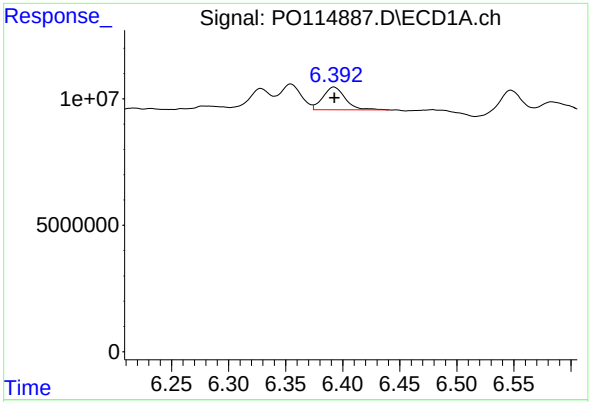
#24 AR-1248-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 13238663
Conc: 52.41 ng/ml



#24 AR-1248-4

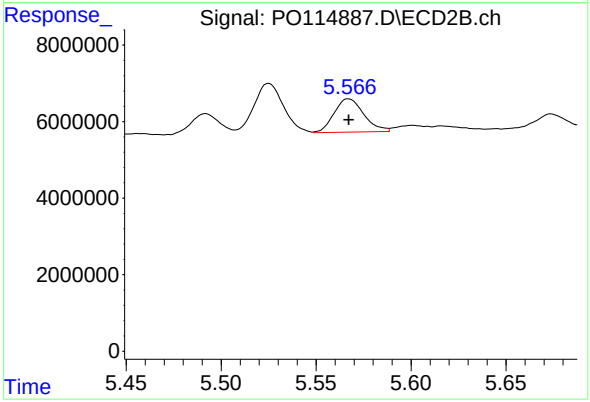
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 9782119
Conc: 53.38 ng/ml



#25 AR-1248-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 12160694
Conc: 51.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 9504633
Conc: 51.56 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:51
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: Nov 05 05:36:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.349	3.650	741.1E6	479.1E6	94.981	94.986
2)	SA Decachlor...	9.932	8.642	479.2E6	427.3E6	94.662	92.802
	Target Compounds						
26)	L6 AR-1254-1	6.331	5.527	240.6E6	275.4E6	929.768	917.386
27)	L6 AR-1254-2	6.547	5.675	346.0E6	245.3E6	931.192	915.477
28)	L6 AR-1254-3	6.907	6.076	372.9E6	398.2E6	939.256	924.961
29)	L6 AR-1254-4	7.188	6.304	315.5E6	284.8E6	936.760	933.639
30)	L6 AR-1254-5	7.604	6.721	295.4E6	385.7E6	946.239	941.905

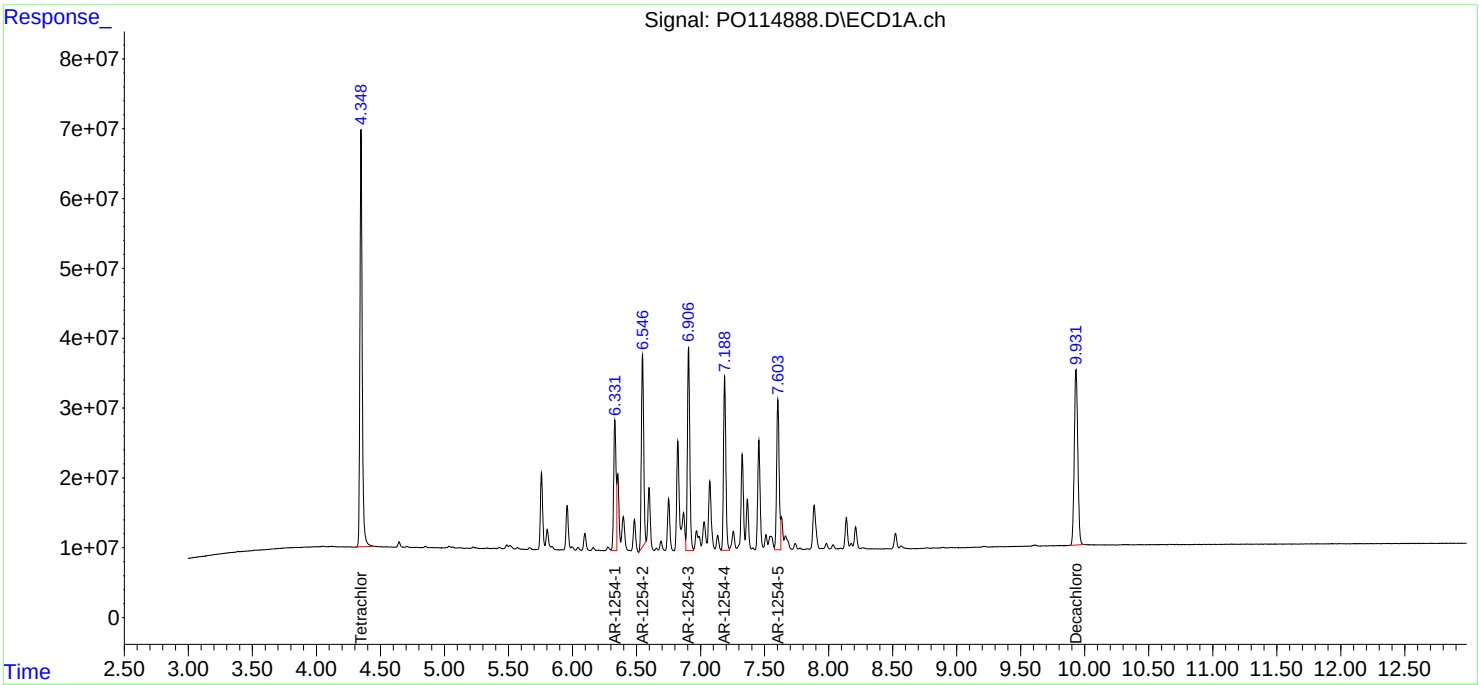
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

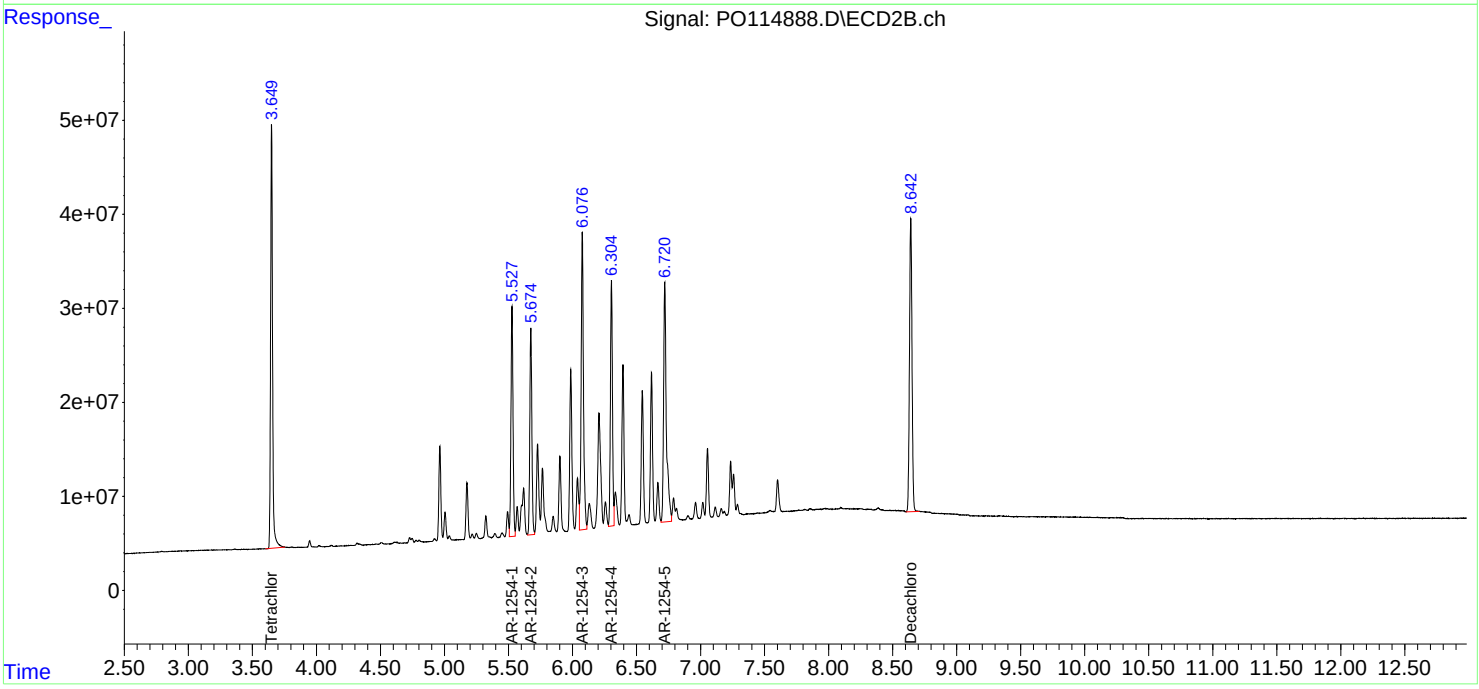
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:51
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

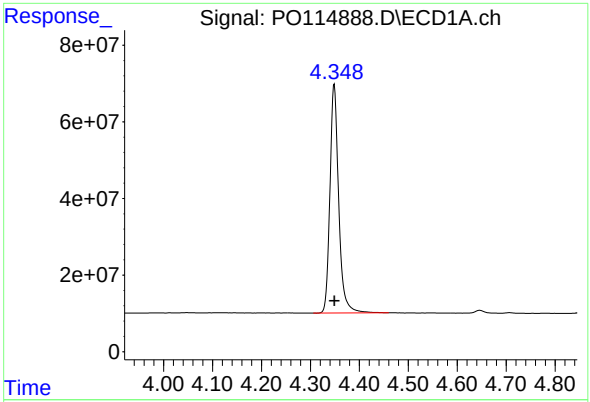
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



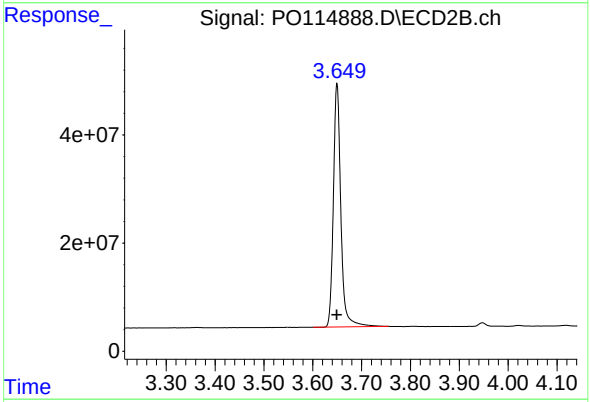




#1 Tetrachloro-m-xylene

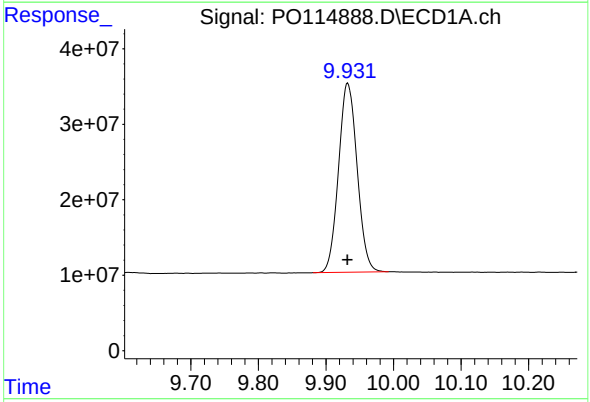
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 741058544
Conc: 94.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



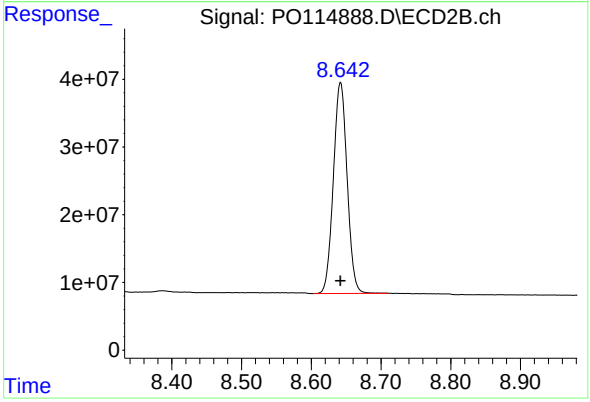
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 479108532
Conc: 94.99 ng/ml



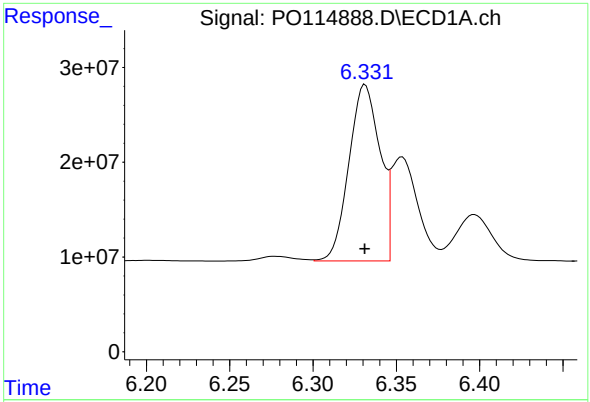
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 479176947
Conc: 94.66 ng/ml



#2 Decachlorobiphenyl

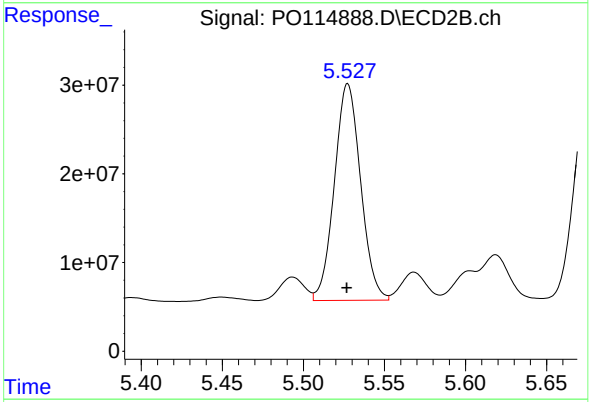
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 427337336
Conc: 92.80 ng/ml



#26 AR-1254-1

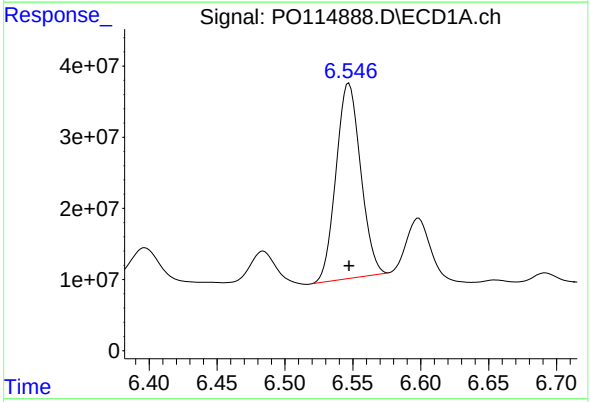
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 240591852
Conc: 929.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



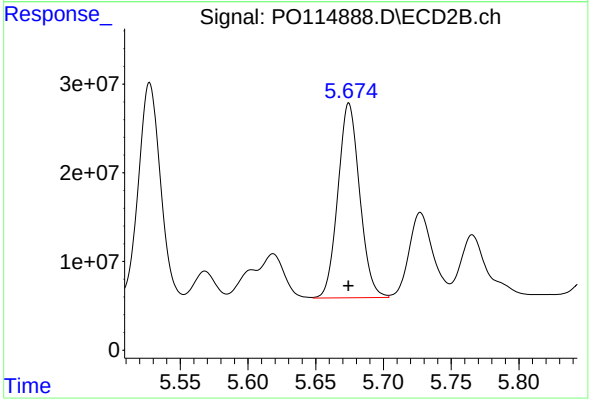
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 275439068
Conc: 917.39 ng/ml



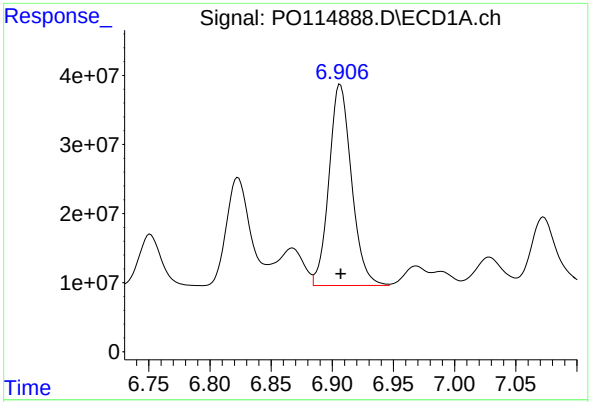
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 346021204
Conc: 931.19 ng/ml



#27 AR-1254-2

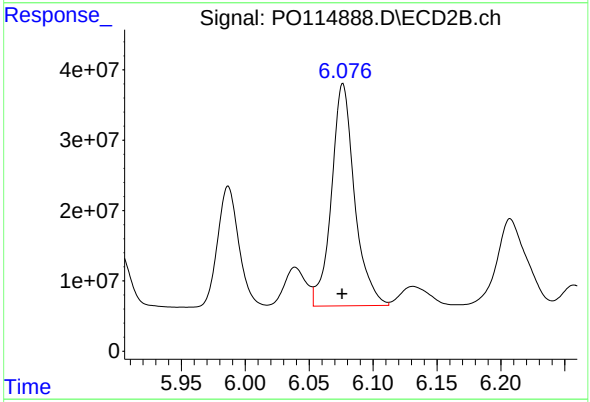
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 245333366
Conc: 915.48 ng/ml



#28 AR-1254-3

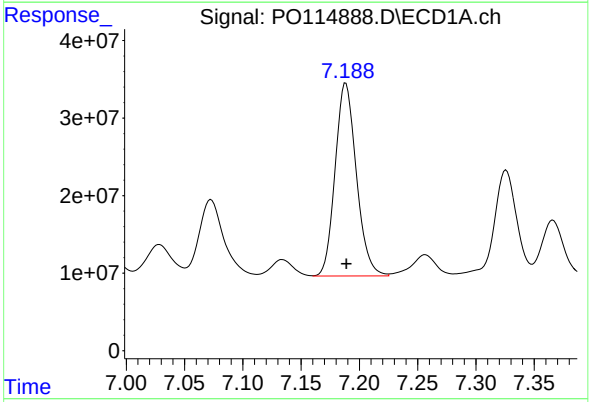
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 372893964
Conc: 939.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



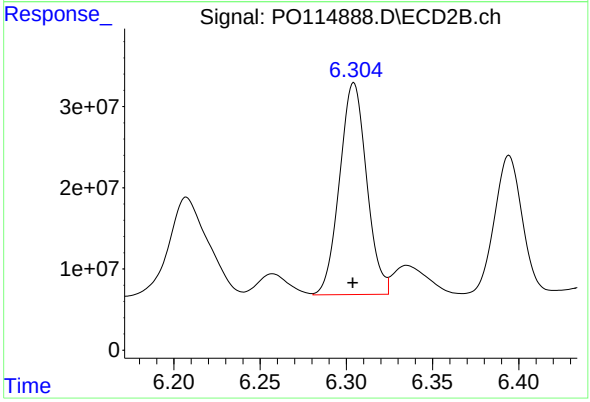
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 398238109
Conc: 924.96 ng/ml



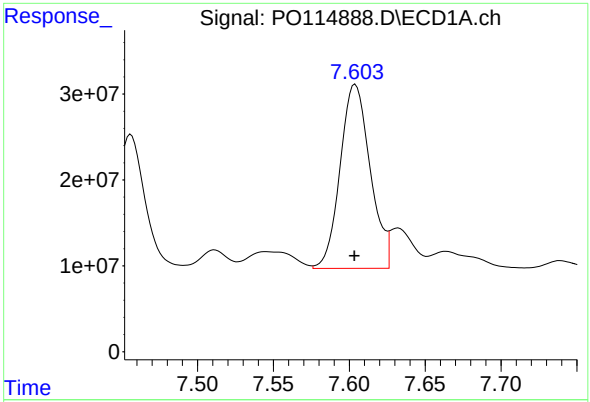
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 315539209
Conc: 936.76 ng/ml



#29 AR-1254-4

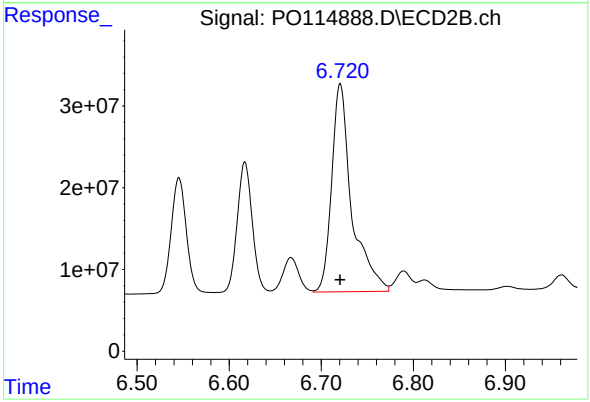
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 284785979
Conc: 933.64 ng/ml



#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 295373361
Conc: 946.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 385708423
Conc: 941.91 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:09
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: Nov 05 05:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.349	3.650	564.5E6	366.5E6	72.353	72.665
2)	SA Decachlor...	9.933	8.642	367.3E6	327.5E6	72.554	71.130
	Target Compounds						
26)	L6 AR-1254-1	6.331	5.527	185.6E6	213.2E6	717.106	710.020
27)	L6 AR-1254-2	6.547	5.675	265.1E6	190.0E6	713.548	708.846
28)	L6 AR-1254-3	6.907	6.077	285.3E6	308.0E6	718.711	715.281
29)	L6 AR-1254-4	7.189	6.304	241.1E6	221.2E6	715.674	725.087
30)	L6 AR-1254-5	7.604	6.721	225.5E6	294.2E6	722.455	718.550

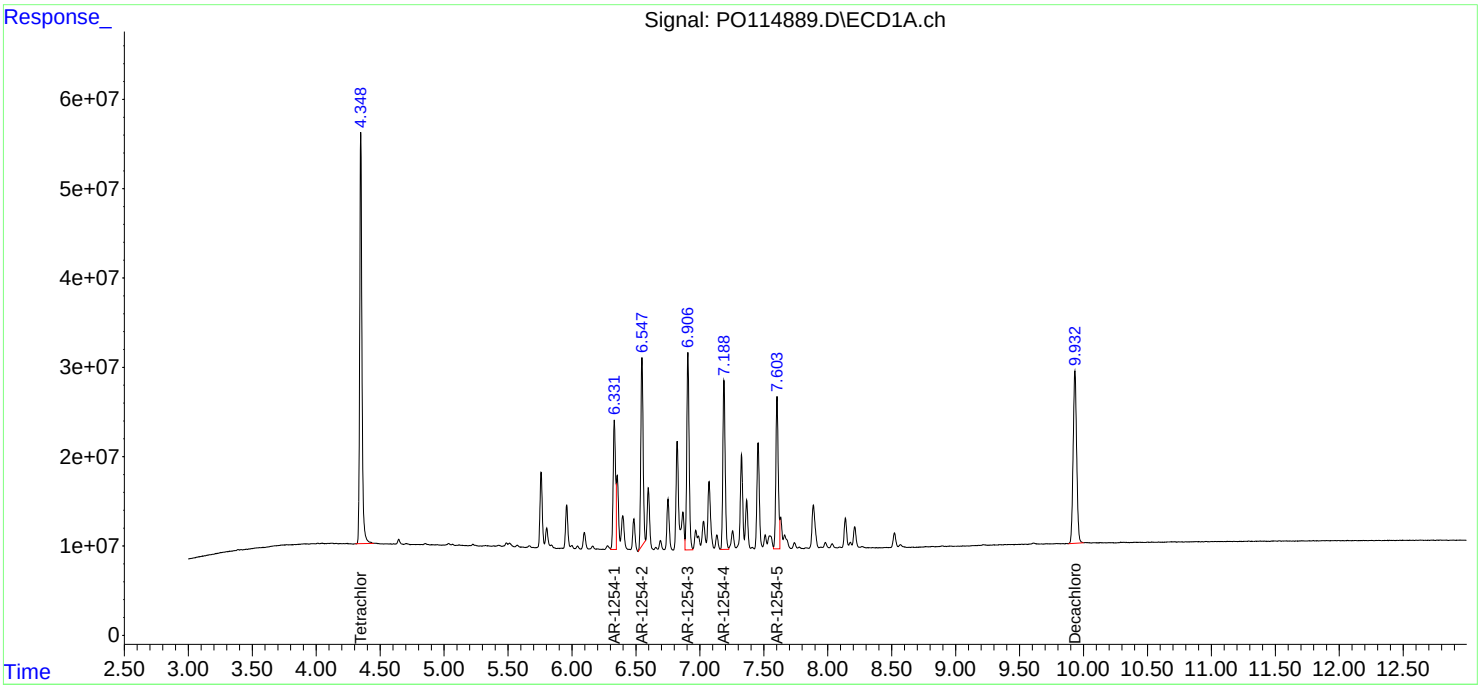
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

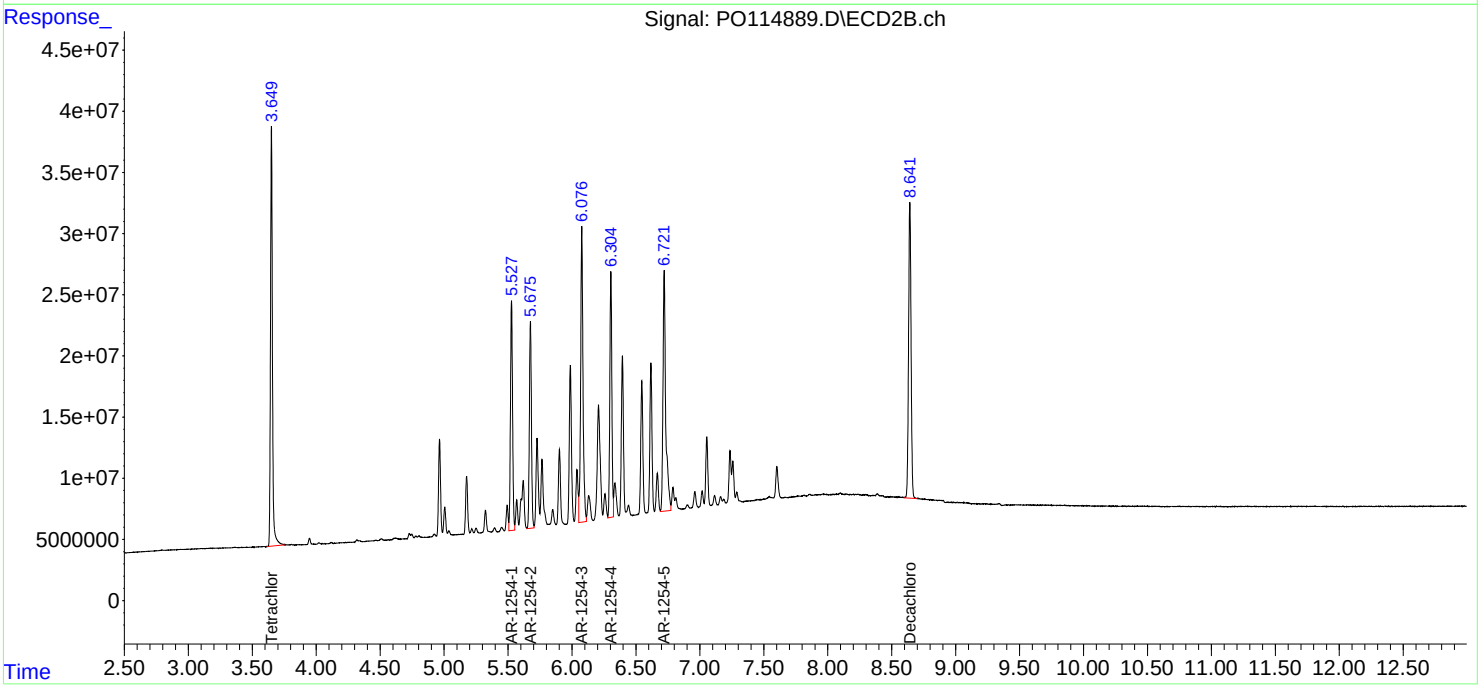
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:09
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

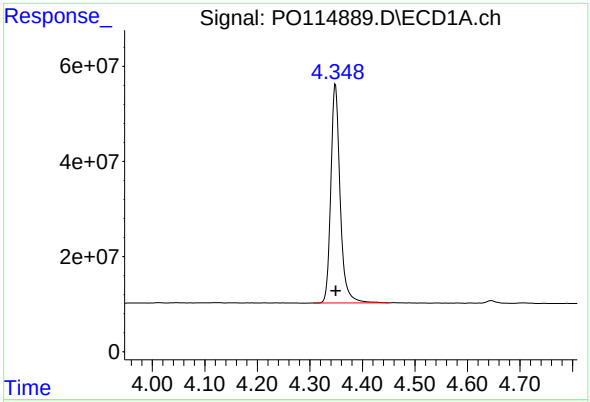
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



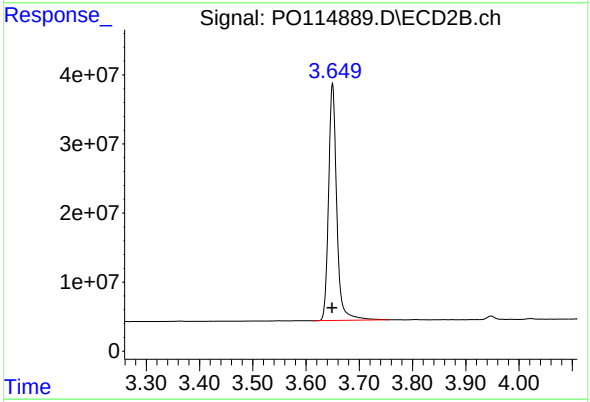




#1 Tetrachloro-m-xylene

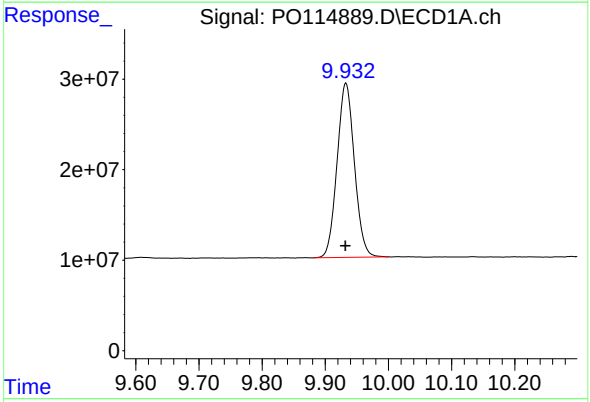
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 564510700
Conc: 72.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



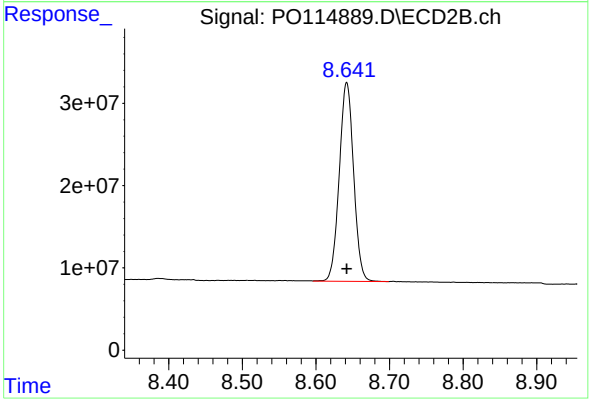
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 366525358
Conc: 72.67 ng/ml



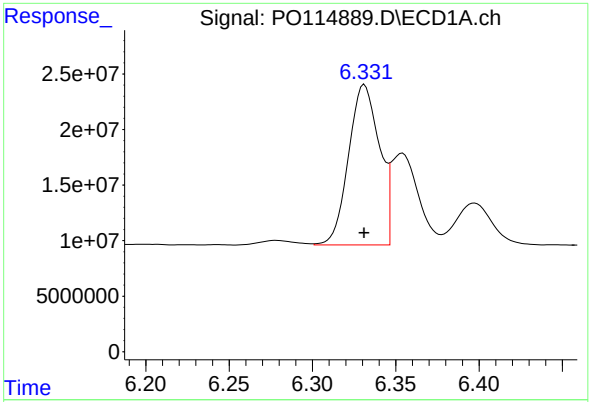
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 367264664
Conc: 72.55 ng/ml



#2 Decachlorobiphenyl

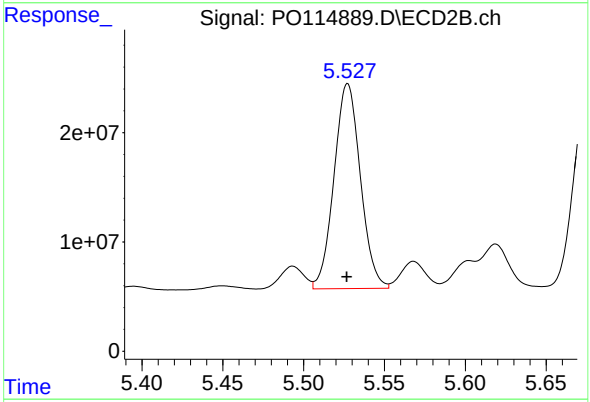
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 327542020
Conc: 71.13 ng/ml



#26 AR-1254-1

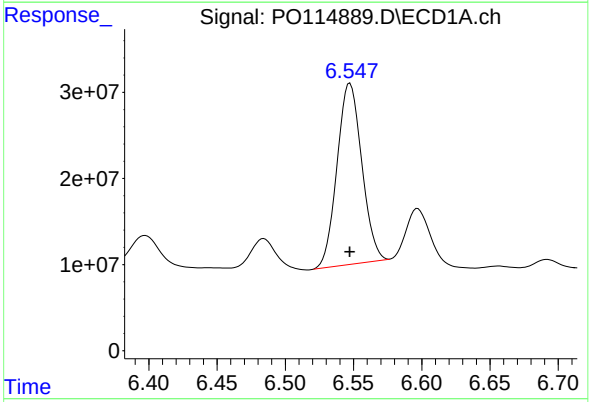
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 185562370
Conc: 717.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



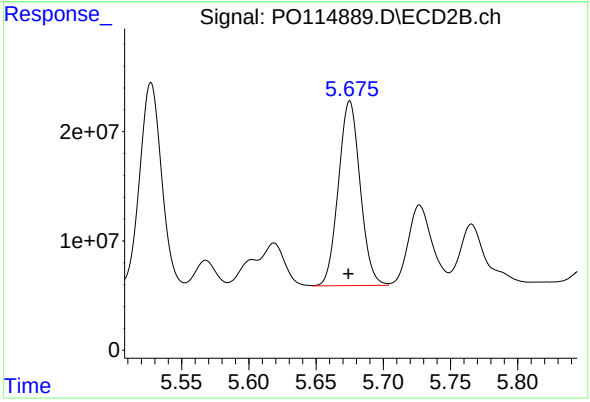
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 213178763
Conc: 710.02 ng/ml



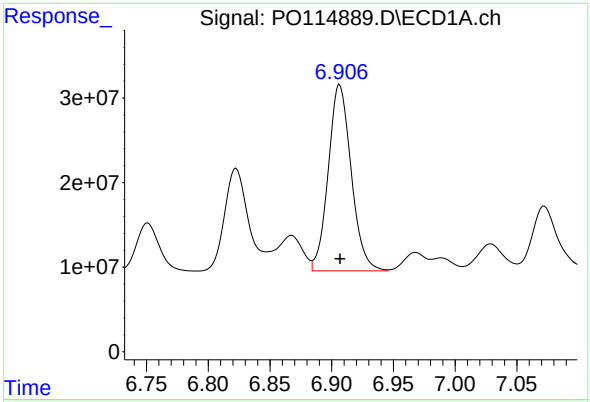
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 265146973
Conc: 713.55 ng/ml



#27 AR-1254-2

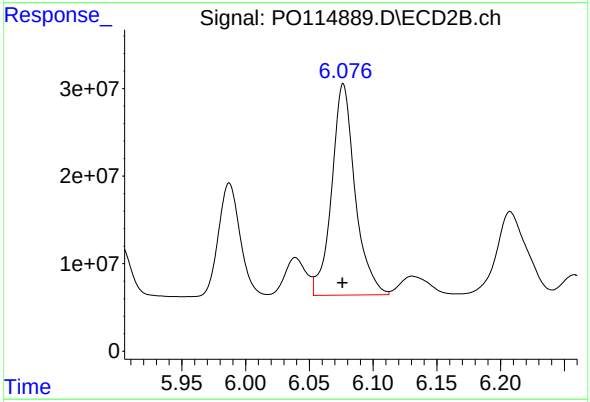
R.T.: 5.675 min
Delta R.T.: 0.001 min
Response: 189959424
Conc: 708.85 ng/ml



#28 AR-1254-3

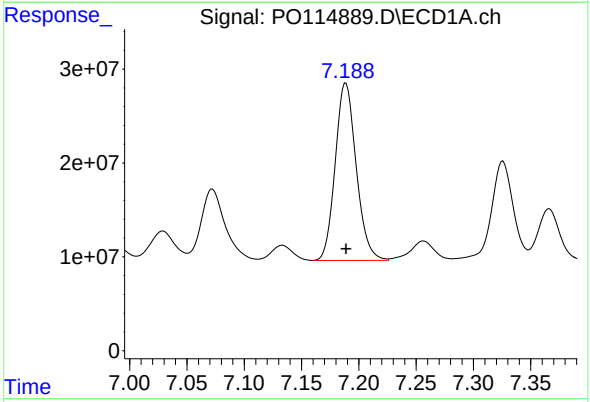
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 285335234
Conc: 718.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



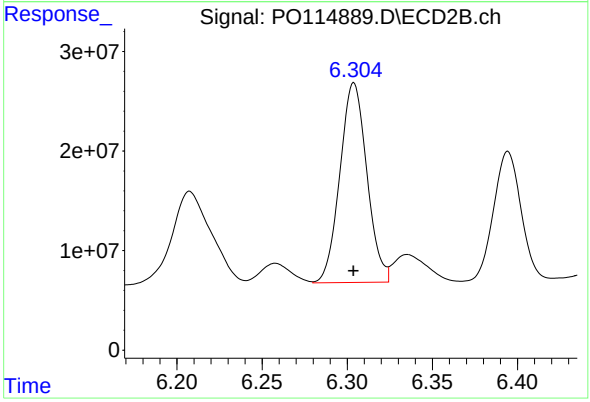
#28 AR-1254-3

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 307961129
Conc: 715.28 ng/ml



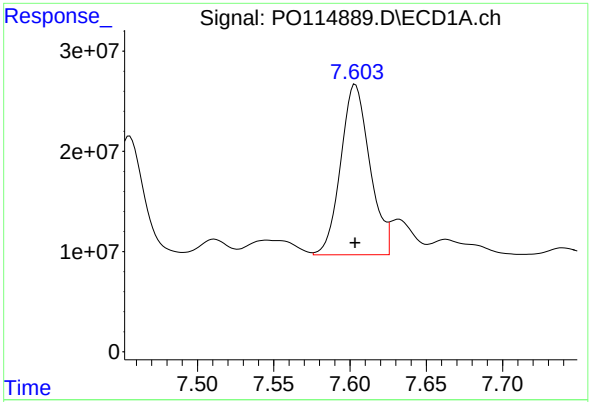
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 241068385
Conc: 715.67 ng/ml



#29 AR-1254-4

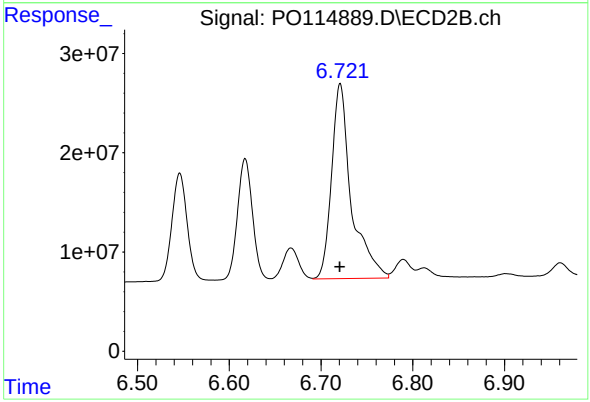
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 221171549
Conc: 725.09 ng/ml



#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 225517894
Conc: 722.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 294245034
Conc: 718.55 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:28
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: Nov 05 05:36:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.349	3.649	390.1E6	252.2E6	50.000	50.000
2)	SA Decachlor...	9.932	8.642	253.1E6	230.2E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.331	5.527	129.4E6	150.1E6	500.000	500.000
27)	L6 AR-1254-2	6.547	5.674	185.8E6	134.0E6	500.000	500.000
28)	L6 AR-1254-3	6.907	6.076	198.5E6	215.3E6	500.000	500.000
29)	L6 AR-1254-4	7.189	6.304	168.4E6	152.5E6	500.000	500.000
30)	L6 AR-1254-5	7.603	6.720	156.1E6	204.7E6	500.000	500.000

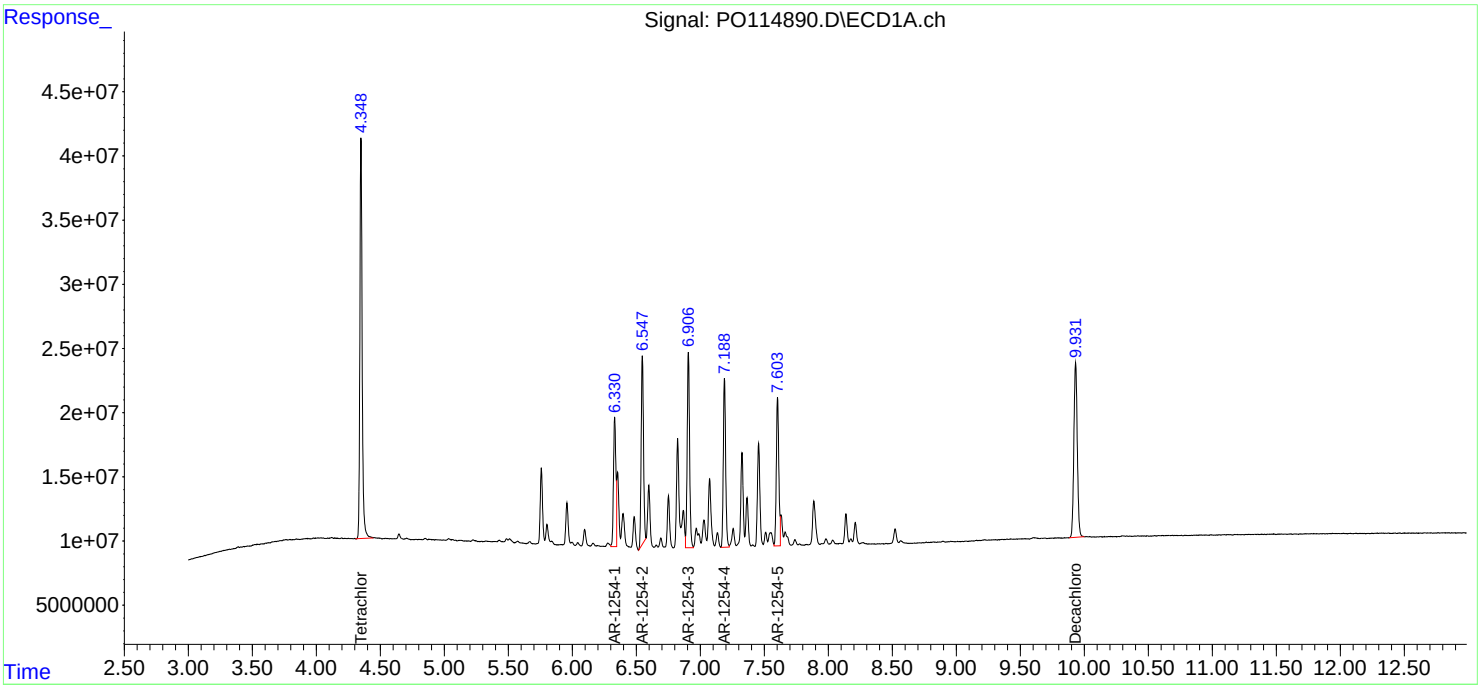
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

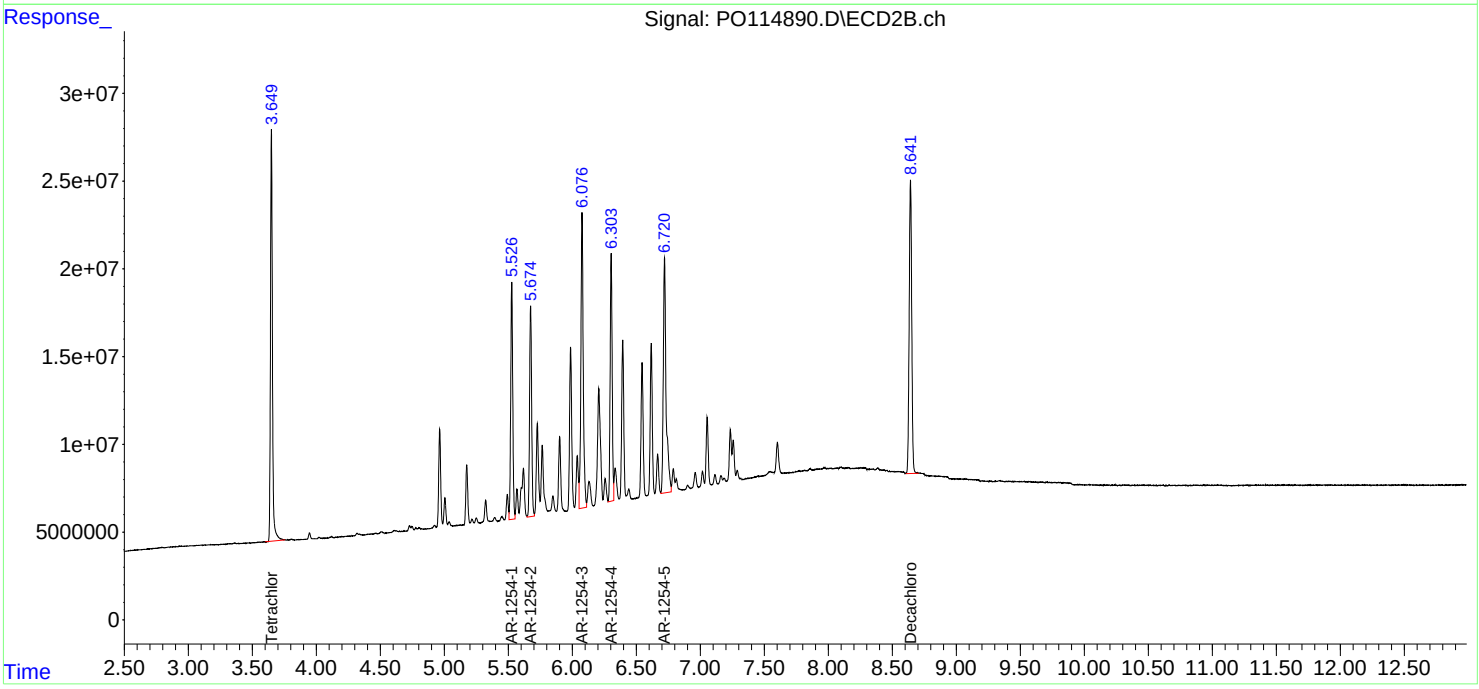
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:28
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

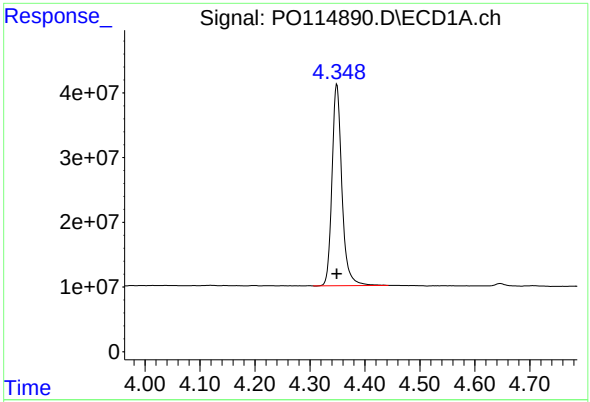
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



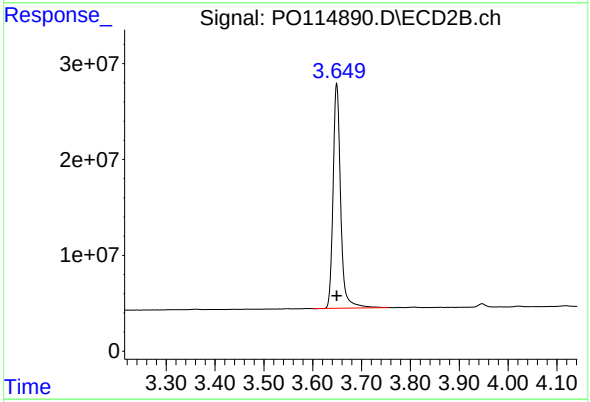




#1 Tetrachloro-m-xylene

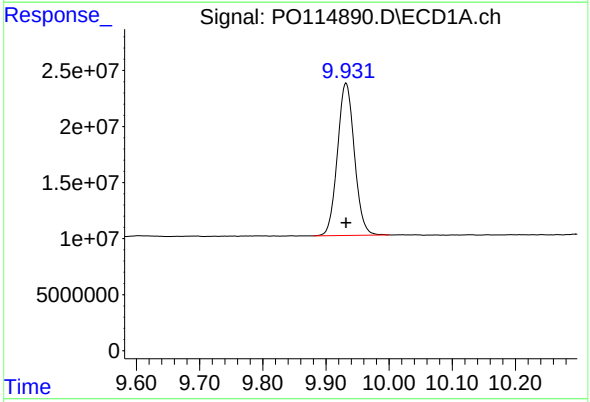
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 390109233
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



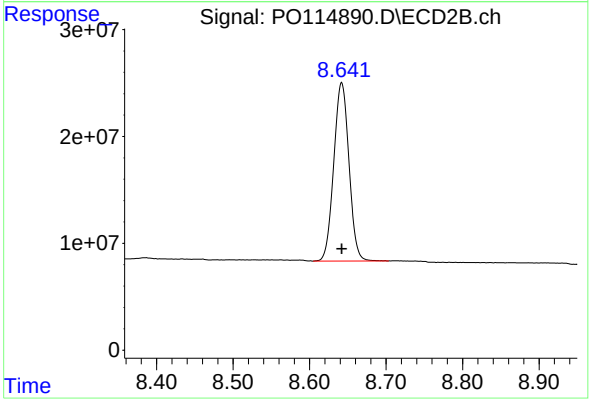
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 252200535
Conc: 50.00 ng/ml



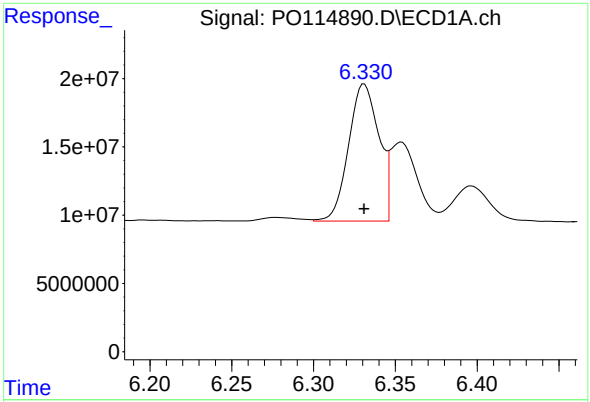
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 253098432
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

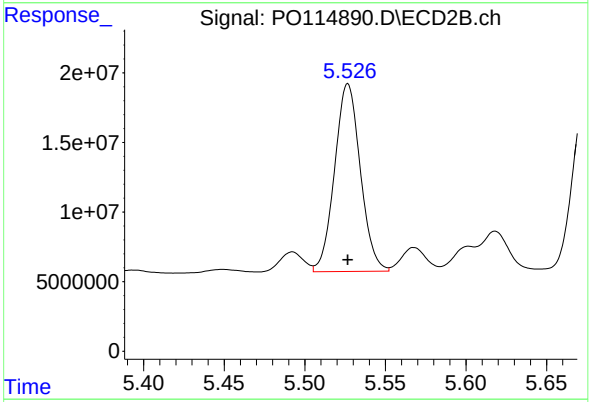
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 230240554
Conc: 50.00 ng/ml



#26 AR-1254-1

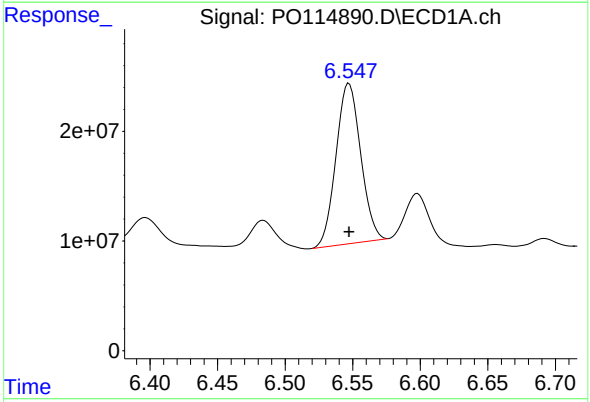
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 129382739
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



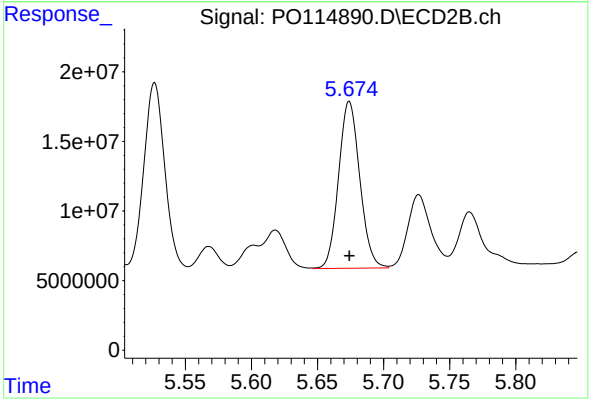
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 150121693
Conc: 500.00 ng/ml



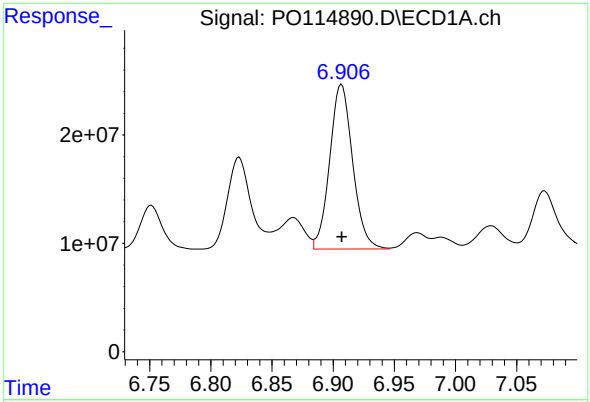
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 185794826
Conc: 500.00 ng/ml



#27 AR-1254-2

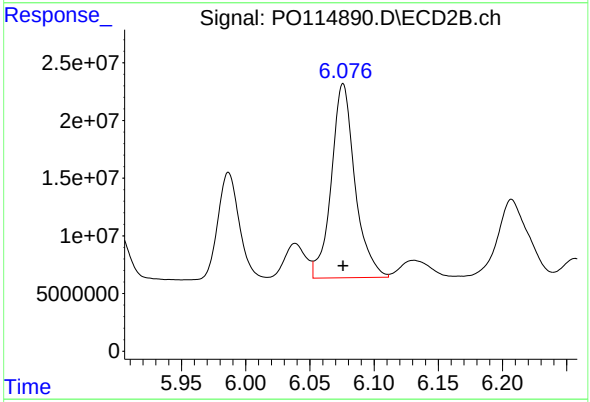
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 133992049
Conc: 500.00 ng/ml



#28 AR-1254-3

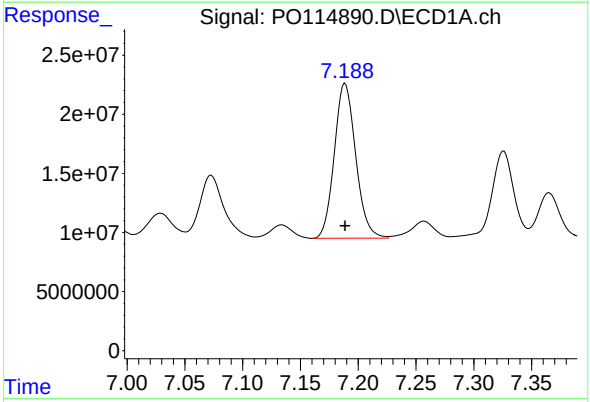
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 198504969
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



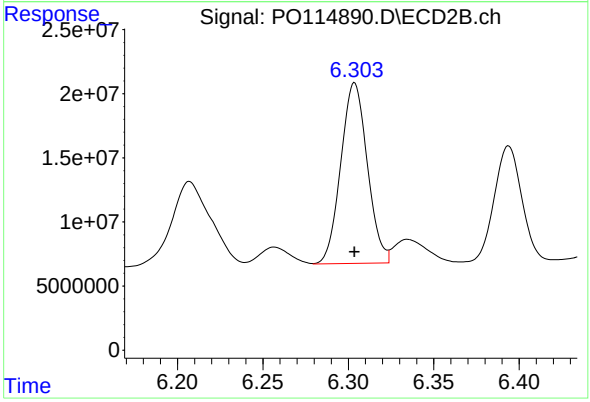
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 215272846
Conc: 500.00 ng/ml



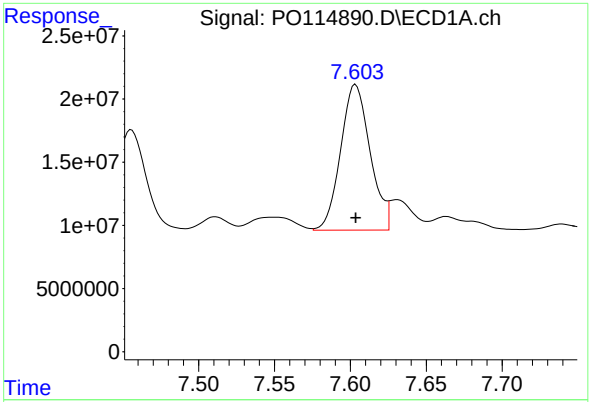
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 168420499
Conc: 500.00 ng/ml



#29 AR-1254-4

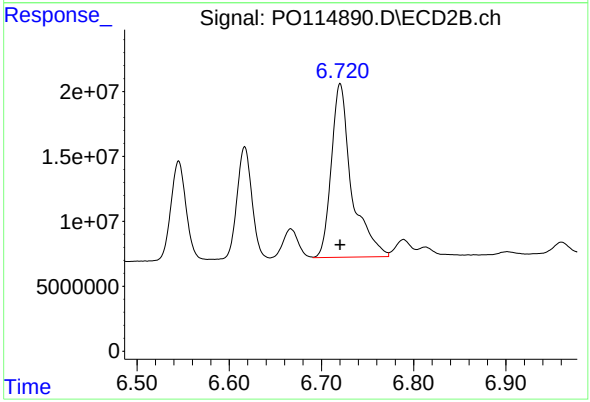
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 152513902
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 156077538
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 204749059
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:04
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: Nov 05 05:36:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.349	3.649	187.0E6	121.9E6	23.973	24.169
2)	SA Decachlor...	9.932	8.642	120.8E6	113.3E6	23.861	24.611
	Target Compounds						
26)	L6 AR-1254-1	6.331	5.527	64268788	74980905	248.367	249.734
27)	L6 AR-1254-2	6.548	5.674	92224254	67079510	248.188	250.312
28)	L6 AR-1254-3	6.907	6.076	96073294	106.6E6	241.992	247.668
29)	L6 AR-1254-4	7.189	6.304	81726238	75488880	242.626	247.482
30)	L6 AR-1254-5	7.604	6.720	75118696	99522496	240.645	243.035

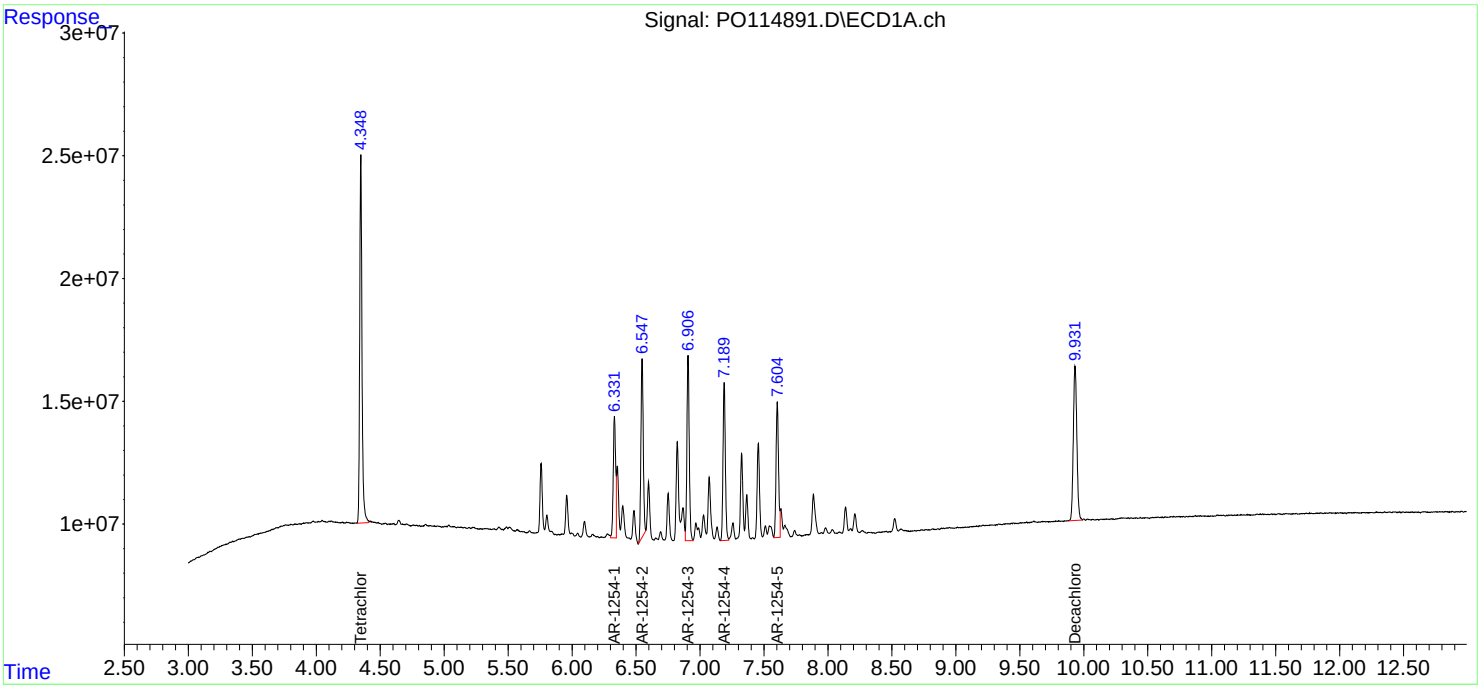
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

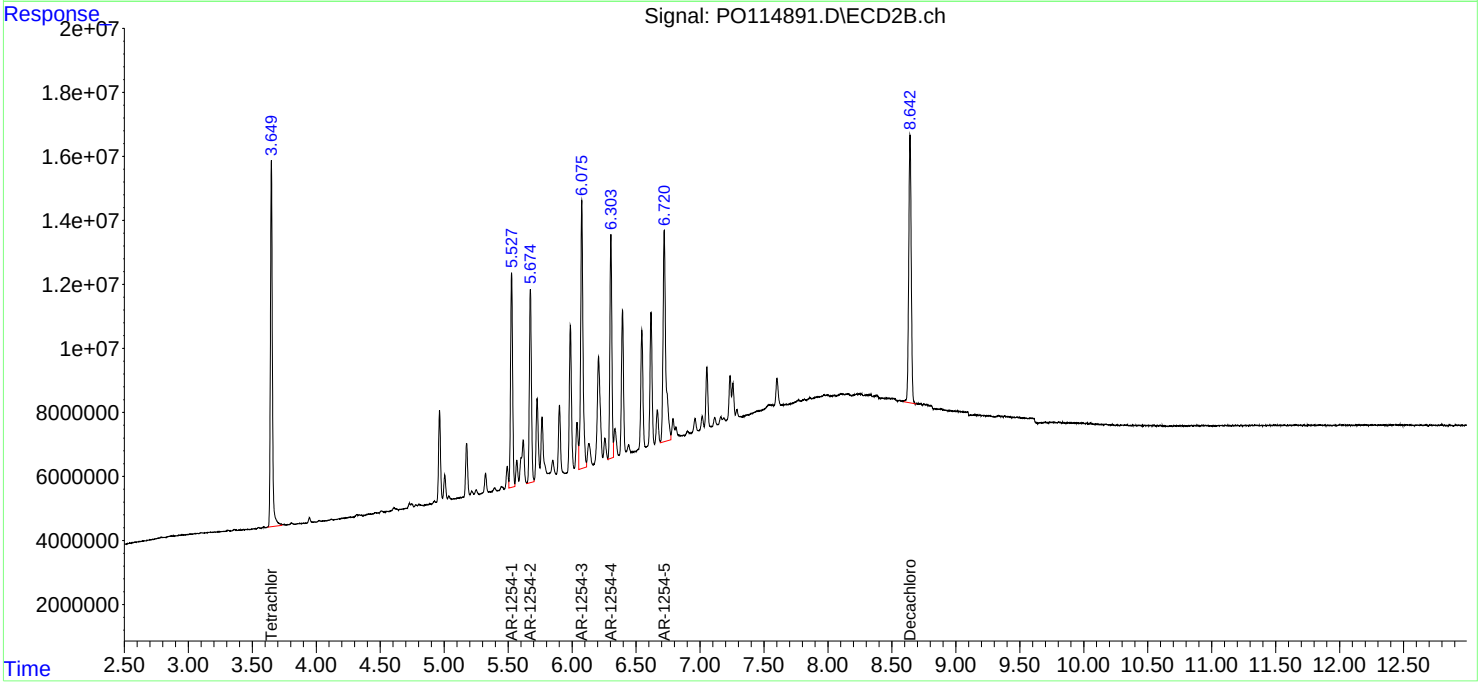
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:04
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

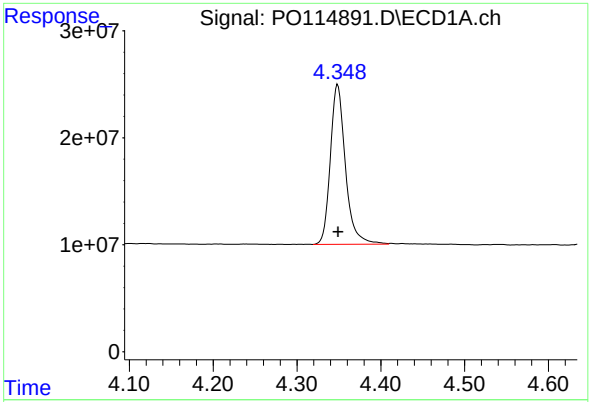
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



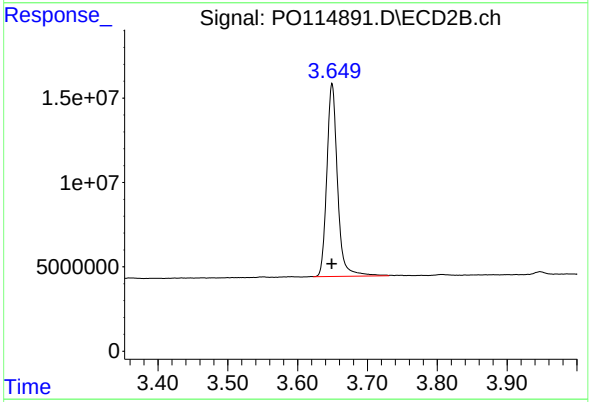




#1 Tetrachloro-m-xylene

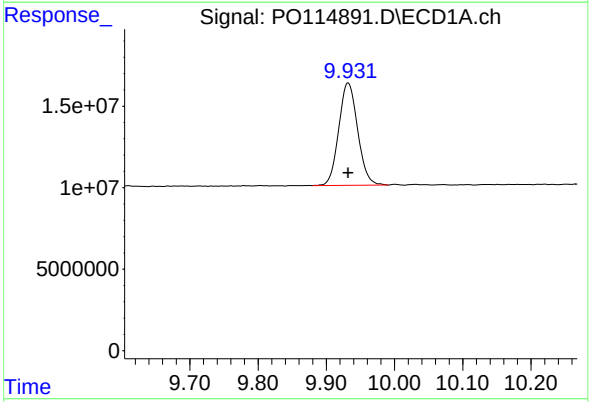
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 187043851
Conc: 23.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



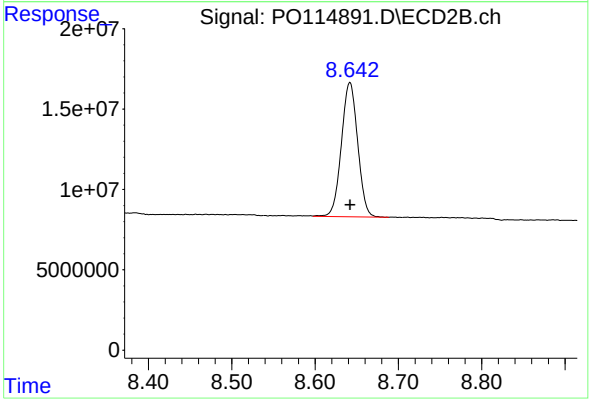
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 121910700
Conc: 24.17 ng/ml



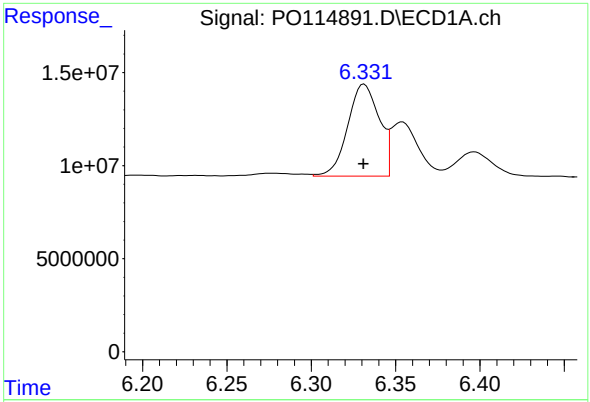
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 120781115
Conc: 23.86 ng/ml



#2 Decachlorobiphenyl

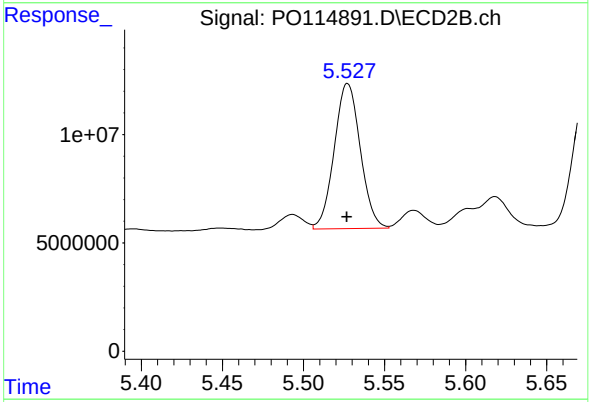
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 113327598
Conc: 24.61 ng/ml



#26 AR-1254-1

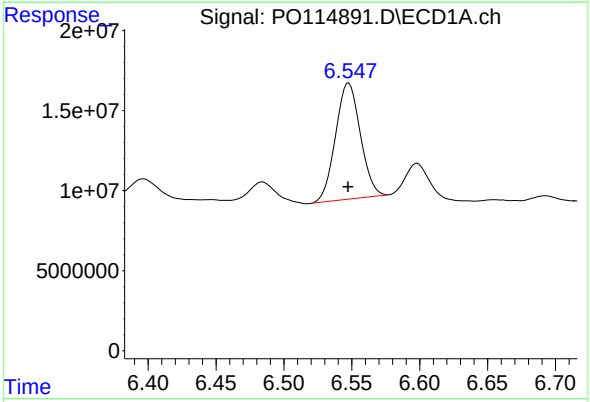
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 64268788
Conc: 248.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



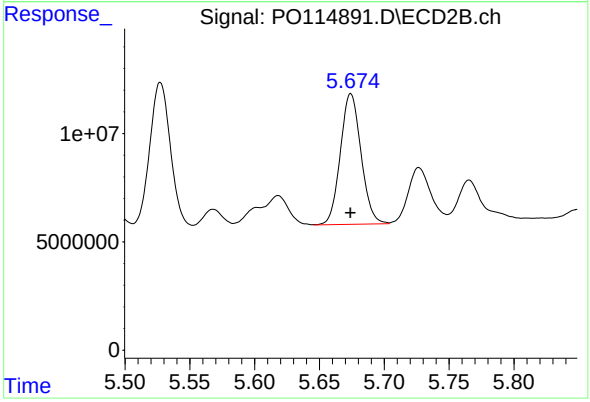
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 74980905
Conc: 249.73 ng/ml



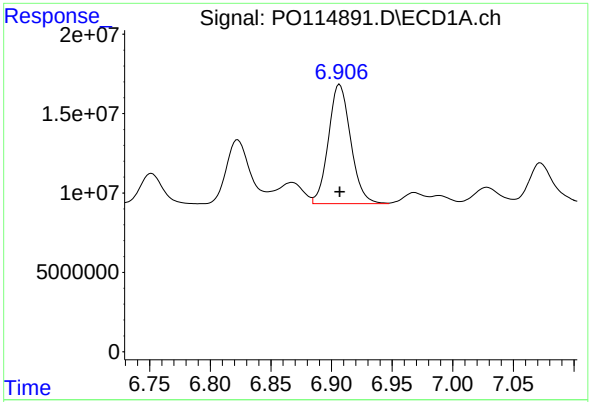
#27 AR-1254-2

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 92224254
Conc: 248.19 ng/ml



#27 AR-1254-2

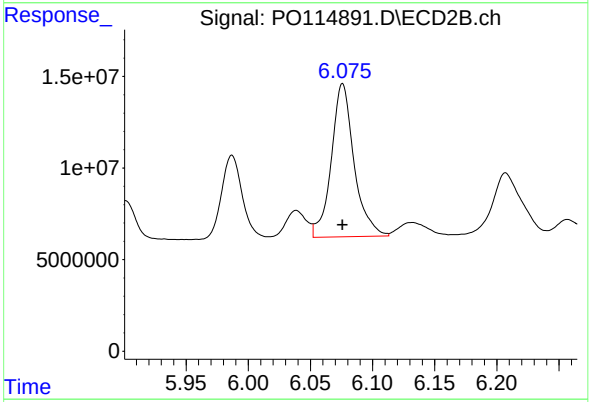
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 67079510
Conc: 250.31 ng/ml



#28 AR-1254-3

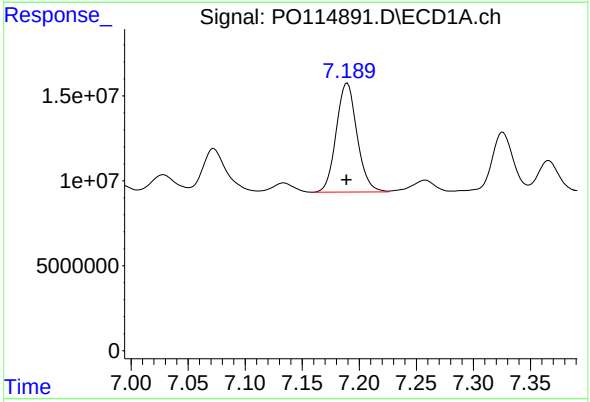
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 96073294
Conc: 241.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



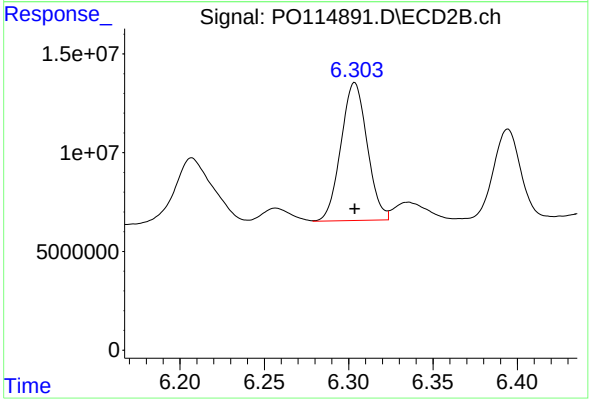
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 106632577
Conc: 247.67 ng/ml



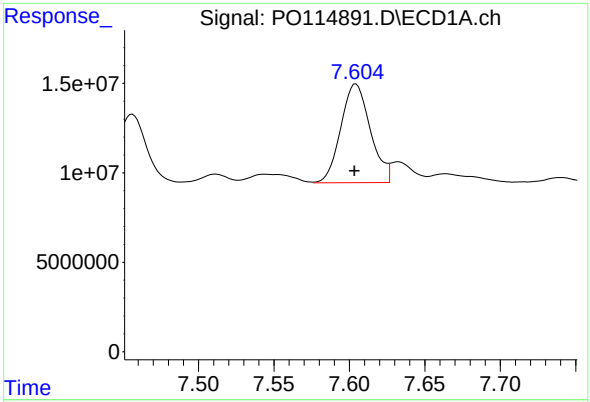
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 81726238
Conc: 242.63 ng/ml



#29 AR-1254-4

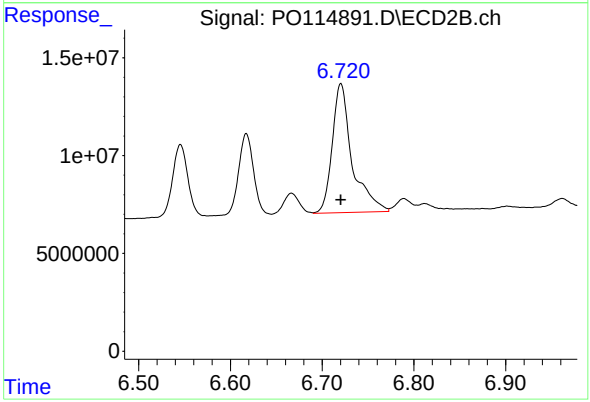
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 75488880
Conc: 247.48 ng/ml



#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 75118696
Conc: 240.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 99522496
Conc: 243.04 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:23
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:37:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.648	37040207	24215180	4.747	4.801
2)	SA Decachlor...	9.931	8.642	23309156	21360673	4.605m	4.639
	Target Compounds						
26)	L6 AR-1254-1	6.330	5.526	13164962	17052798	50.876m	56.797
27)	L6 AR-1254-2	6.547	5.674	20609241	15656147	55.462m	58.422
28)	L6 AR-1254-3	6.907	6.076	19483947	22264737	49.077	51.713
29)	L6 AR-1254-4	7.188	6.303	17143593	15015311	50.895m	49.226
30)	L6 AR-1254-5	7.604	6.720	15028663	20100339	48.145	49.085

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:23
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

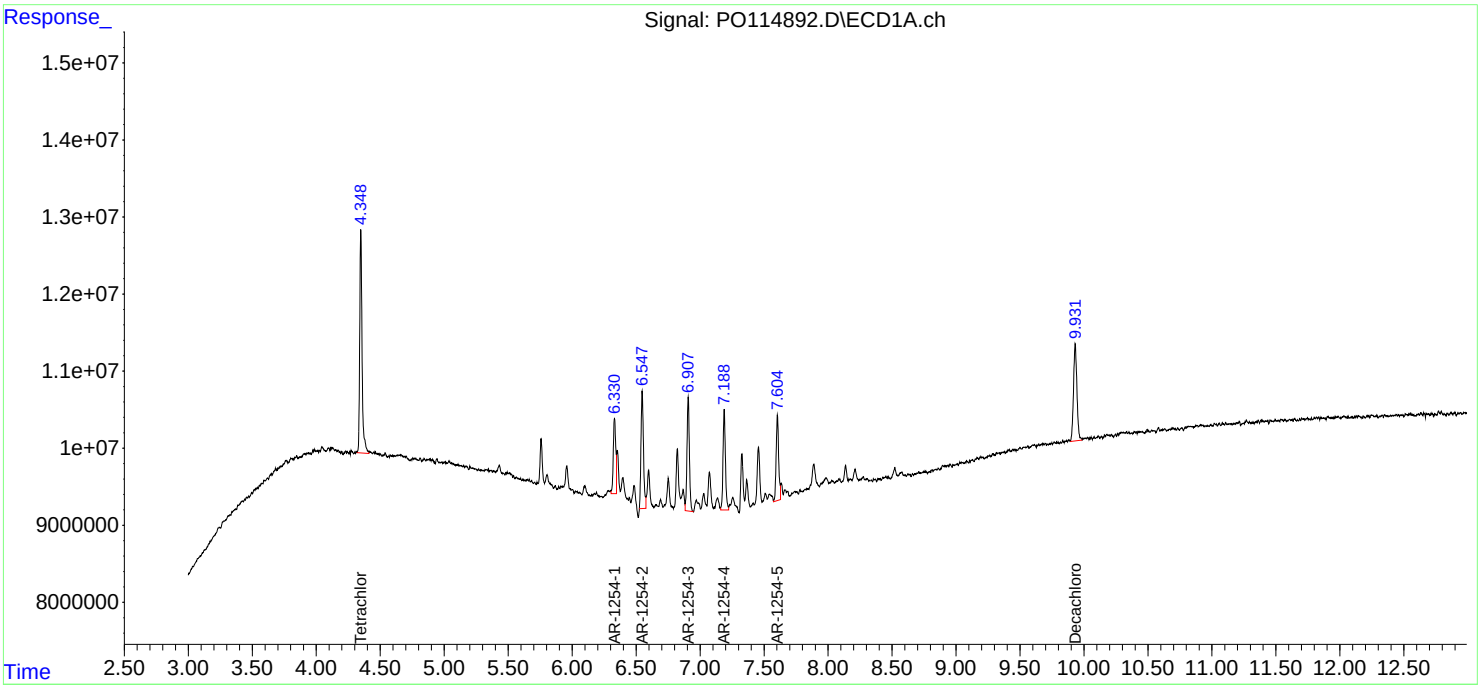
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

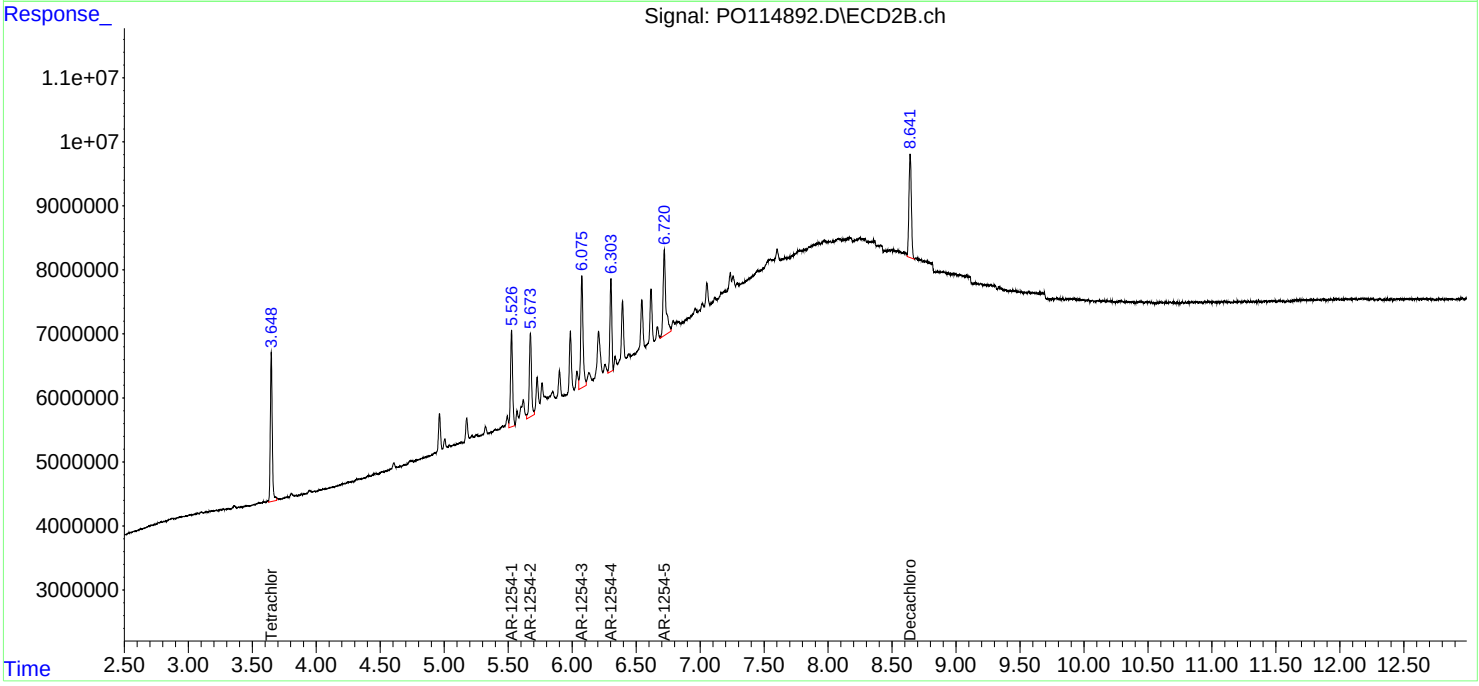
Manual Integrations APPROVED

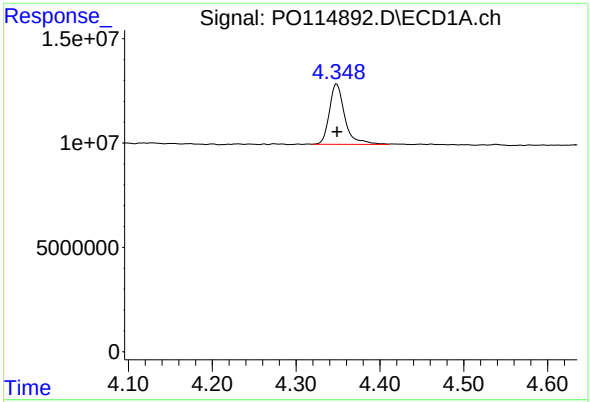
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:37:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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







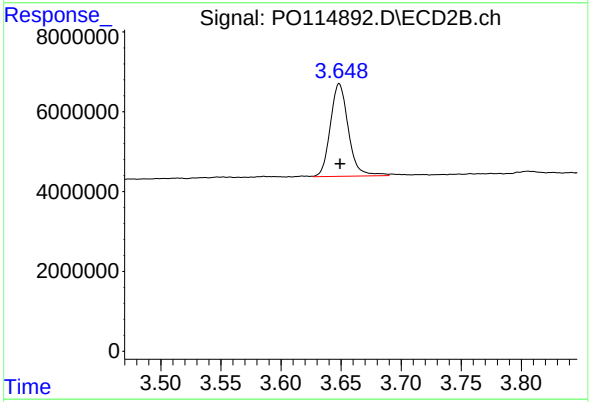
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 37040207
Conc: 4.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

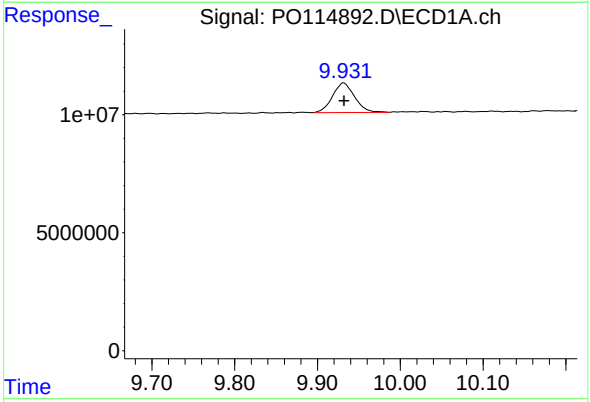
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



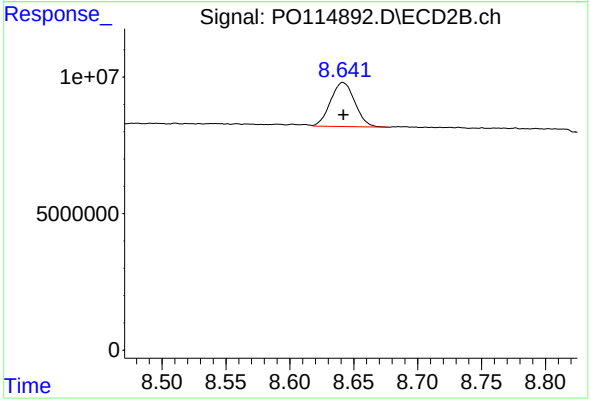
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 24215180
Conc: 4.80 ng/ml



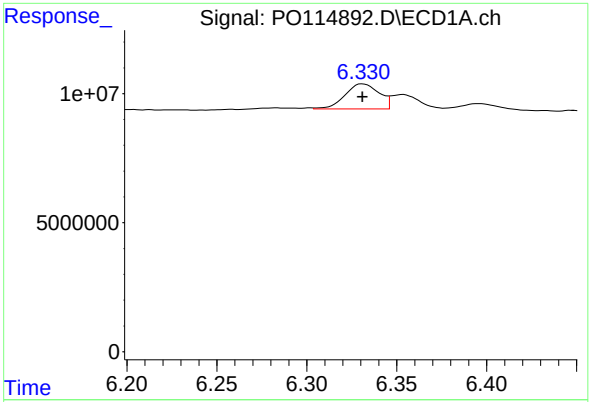
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 23309156
Conc: 4.60 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 21360673
Conc: 4.64 ng/ml



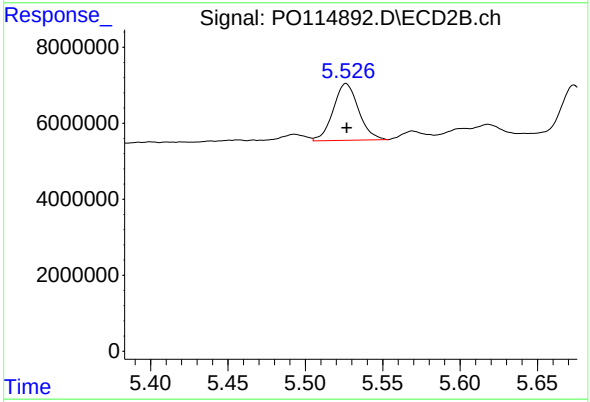
#26 AR-1254-1

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 13164962
Conc: 50.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

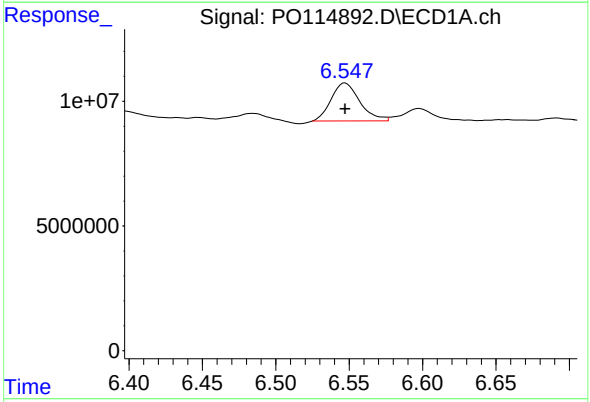
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



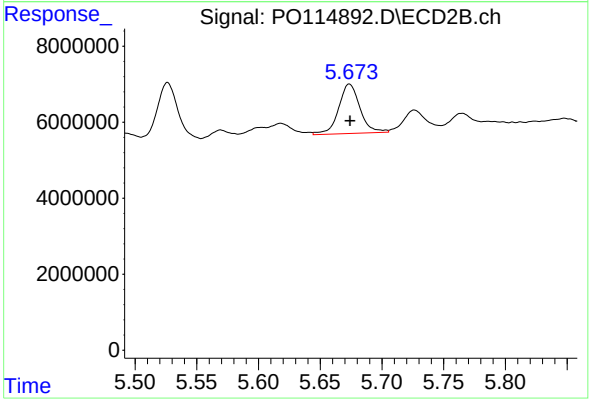
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 17052798
Conc: 56.80 ng/ml



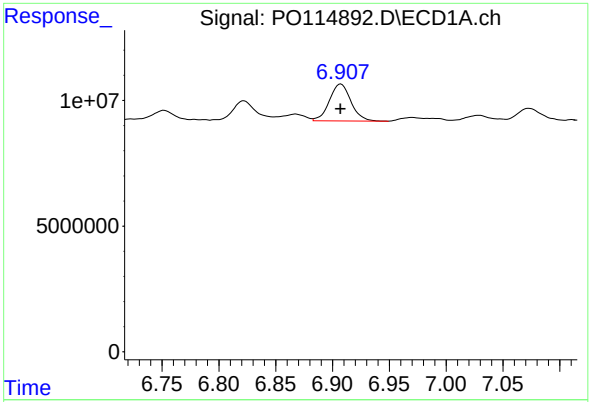
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 20609241
Conc: 55.46 ng/ml m



#27 AR-1254-2

R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 15656147
Conc: 58.42 ng/ml



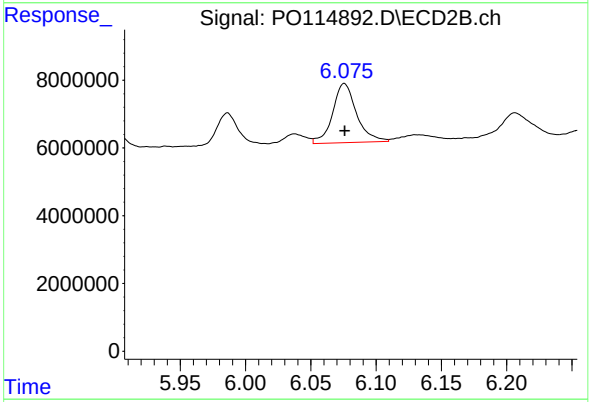
#28 AR-1254-3

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 19483947
Conc: 49.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

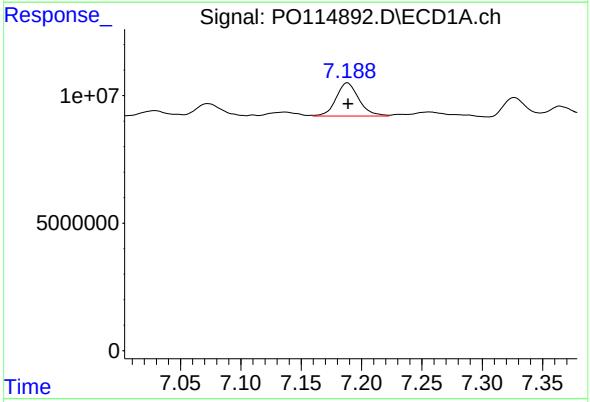
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



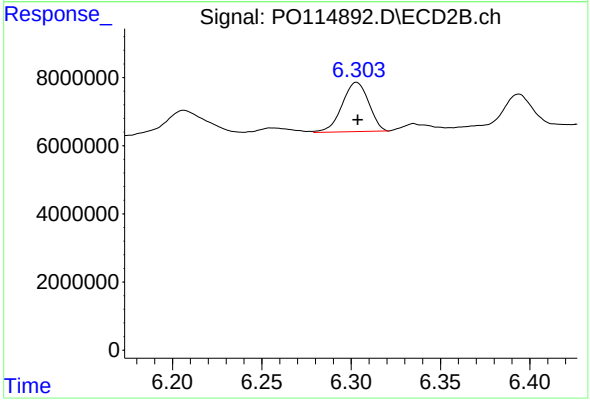
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 22264737
Conc: 51.71 ng/ml



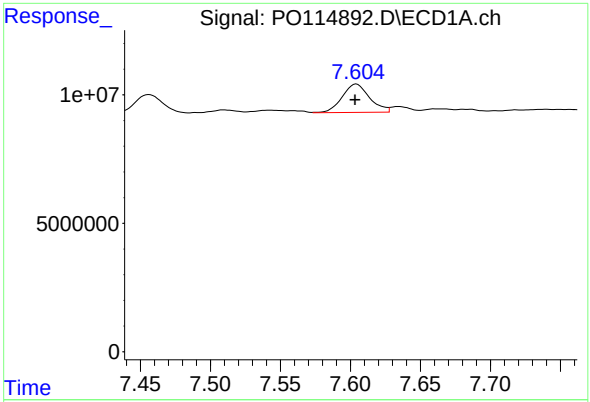
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 17143593
Conc: 50.90 ng/ml m



#29 AR-1254-4

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 15015311
Conc: 49.23 ng/ml



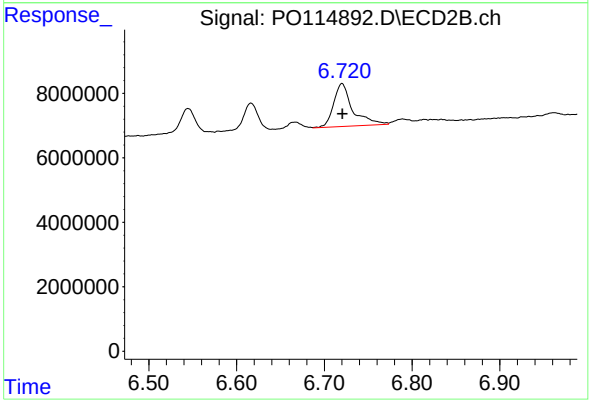
#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 15028663
Conc: 48.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



#30 AR-1254-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 20100339
Conc: 49.09 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:00
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: Nov 05 01:08:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:07:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.368	3.649	362.5E6	234.2E6	50.000	50.000
2)	SA Decachlor...	9.952	8.641	223.0E6	207.7E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	7.703	6.759	226.7E6	247.1E6	500.000	500.000
37)	L8 AR-1262-2	8.231	7.258	353.6E6	397.5E6	500.000	500.000
38)	L8 AR-1262-3	8.534	7.542	225.7E6	164.5E6	500.000	500.000
39)	L8 AR-1262-4	8.616	7.605	168.1E6	269.1E6	500.000	500.000
40)	L8 AR-1262-5	9.236	8.097	120.9E6	119.0E6	500.000	500.000

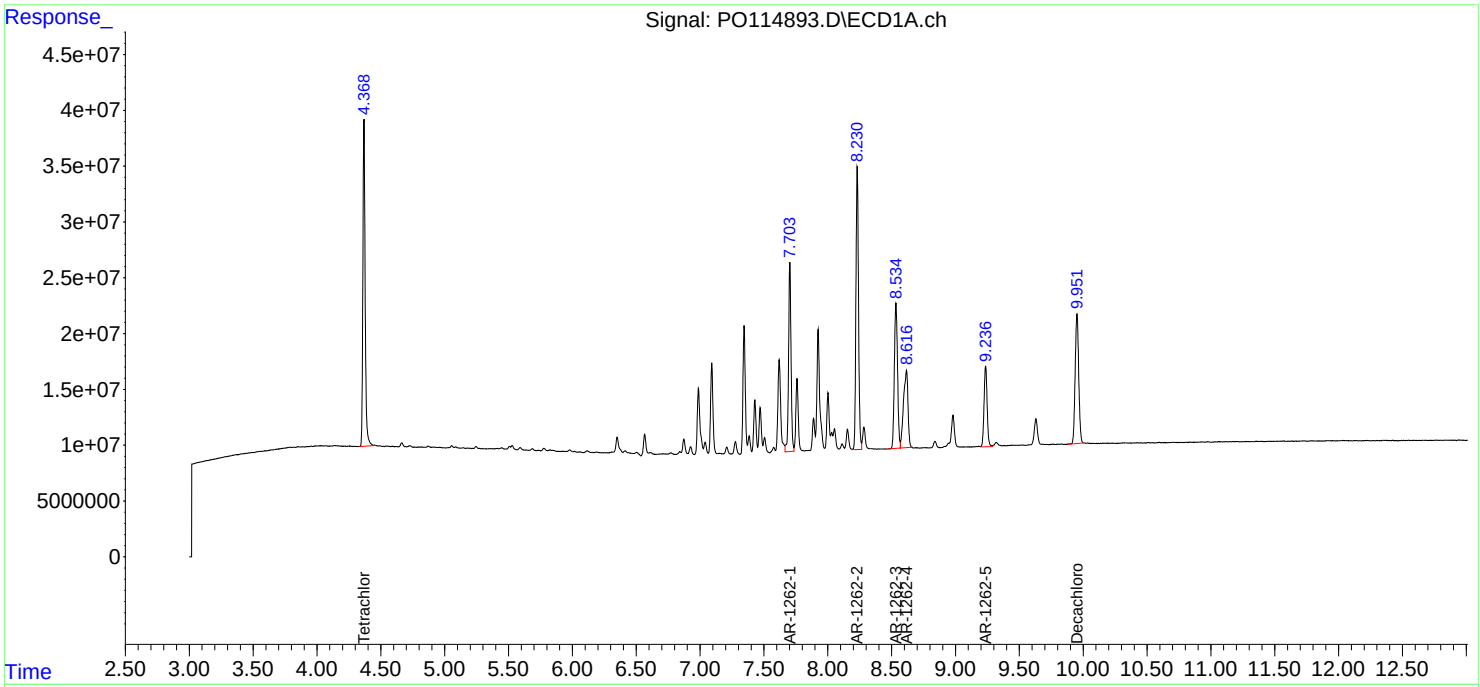
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

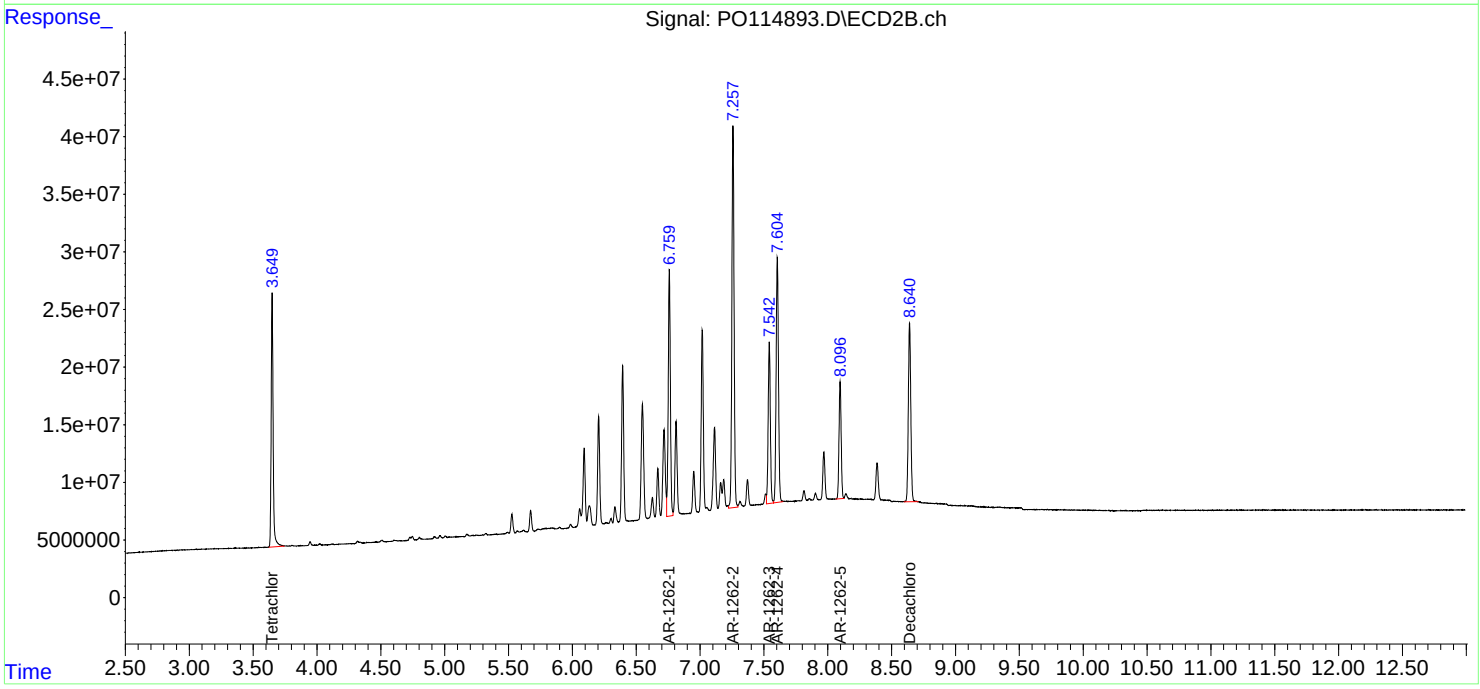
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:00
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

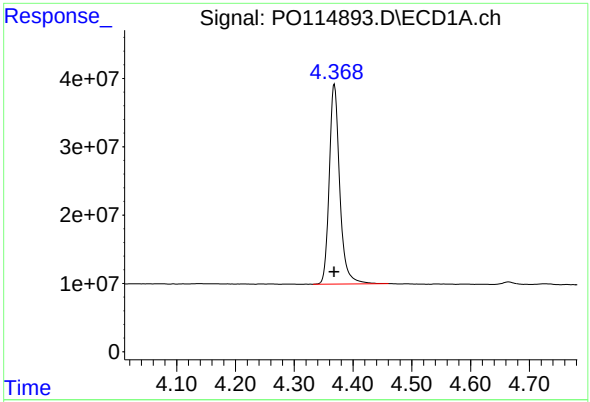
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:08:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:07:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



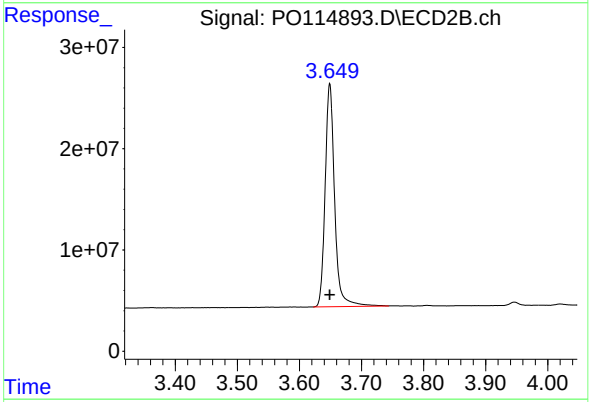




#1 Tetrachloro-m-xylene

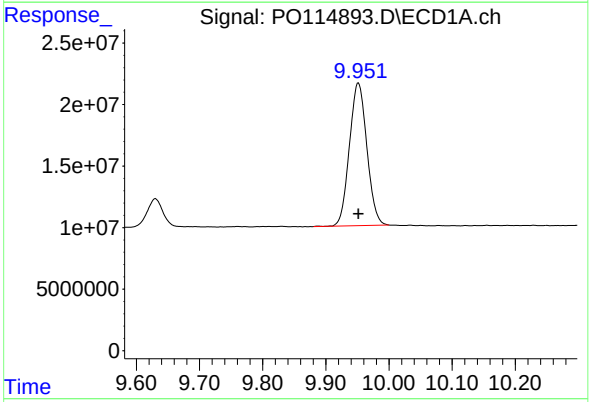
R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 362532635
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



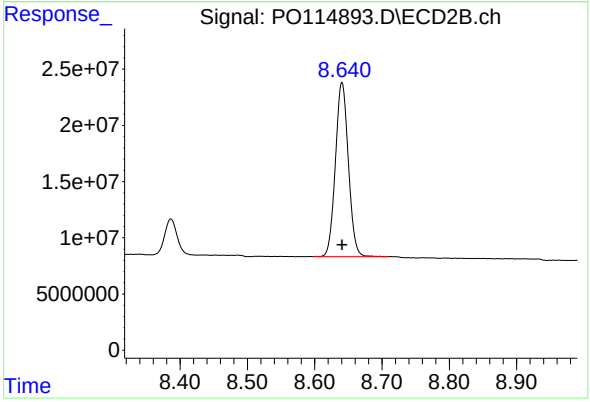
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 234196834
Conc: 50.00 ng/ml



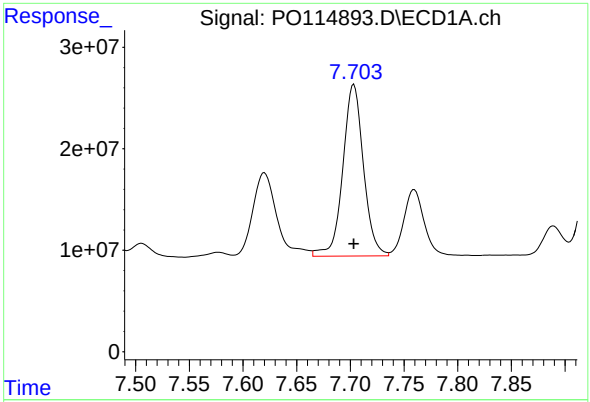
#2 Decachlorobiphenyl

R.T.: 9.952 min
Delta R.T.: 0.000 min
Response: 223014232
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

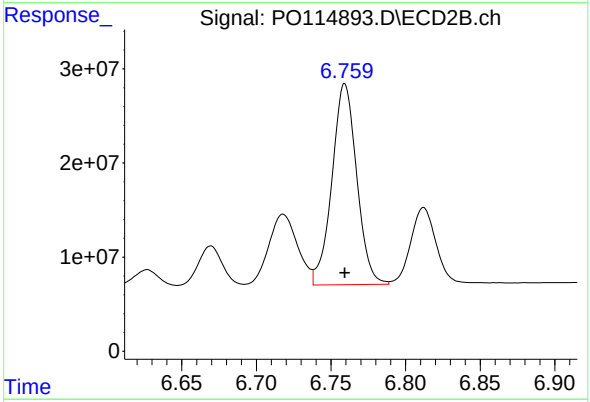
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 207728781
Conc: 50.00 ng/ml



#36 AR-1262-1

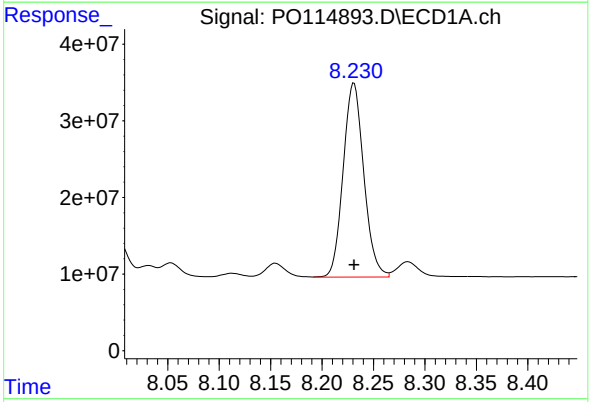
R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 226701954
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



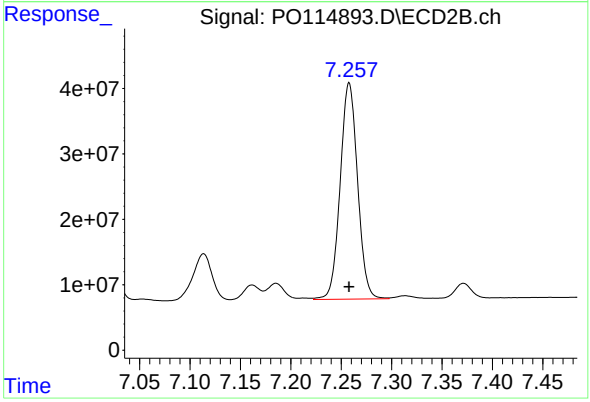
#36 AR-1262-1

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 247102766
Conc: 500.00 ng/ml



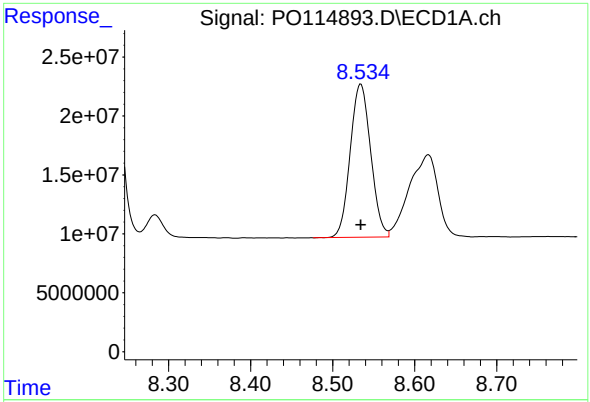
#37 AR-1262-2

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 353598771
Conc: 500.00 ng/ml



#37 AR-1262-2

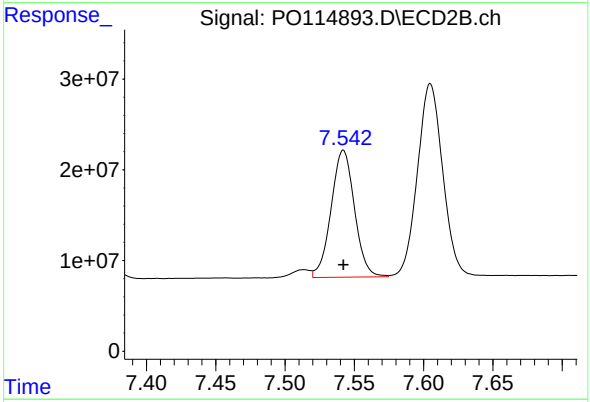
R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 397545452
Conc: 500.00 ng/ml



#38 AR-1262-3

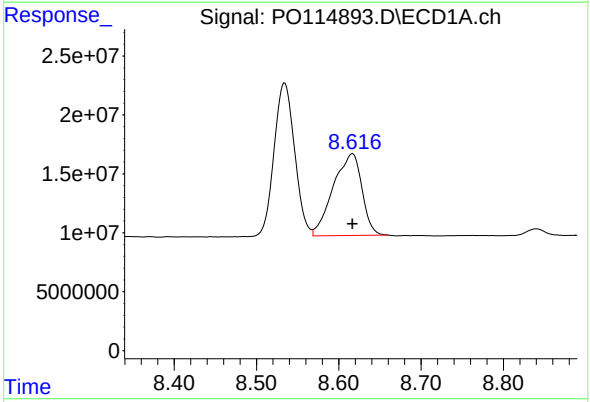
R.T.: 8.534 min
Delta R.T.: 0.000 min
Response: 225709647
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



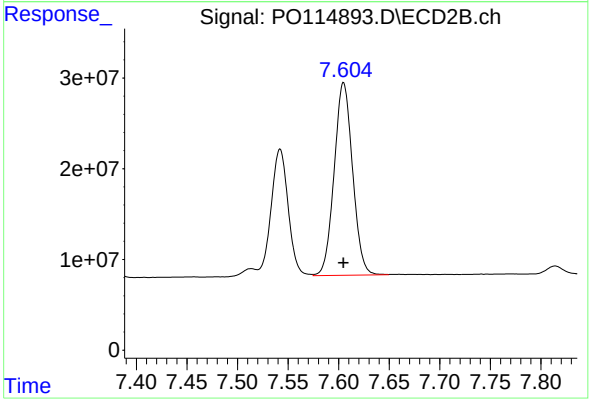
#38 AR-1262-3

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 164513625
Conc: 500.00 ng/ml



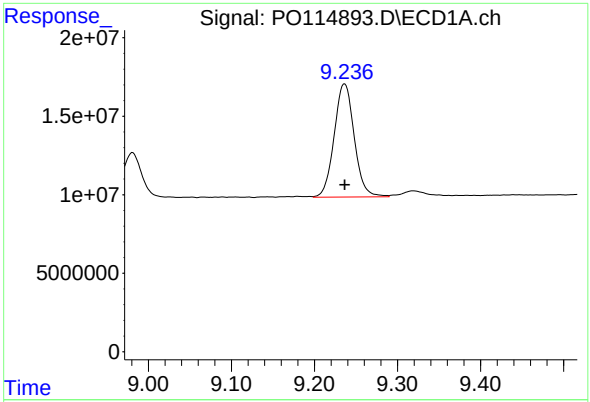
#39 AR-1262-4

R.T.: 8.616 min
Delta R.T.: 0.000 min
Response: 168092665
Conc: 500.00 ng/ml



#39 AR-1262-4

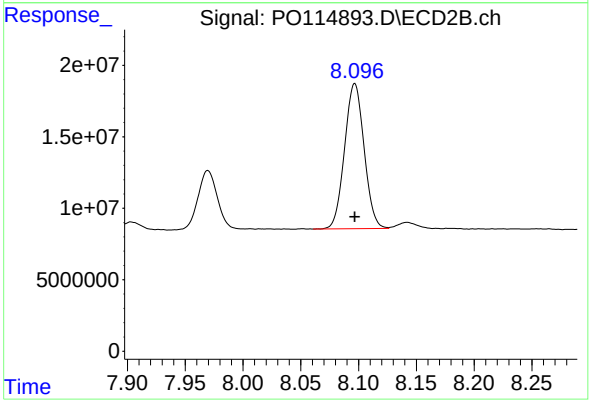
R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 269095514
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.236 min
Delta R.T.: 0.000 min
Response: 120908275
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 119009506
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:18
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: Nov 05 01:23:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.349	3.649	747.6E6	479.2E6	97.655	97.469
2)	SA Decachlor...	9.931	8.642	828.8E6	735.0E6	97.454	95.377
	Target Compounds						
41)	L9 AR-1268-1	8.511	7.542	876.3E6	948.8E6	981.231	966.485
42)	L9 AR-1268-2	8.599	7.606	748.3E6	784.3E6	977.544	966.821
43)	L9 AR-1268-3	8.820	7.814	663.3E6	672.6E6	975.632	966.815
44)	L9 AR-1268-4	9.216	8.097	274.2E6	270.9E6	971.116	967.067
45)	L9 AR-1268-5	9.609	8.387	1966.6E6	1768.5E6	990.357	972.552

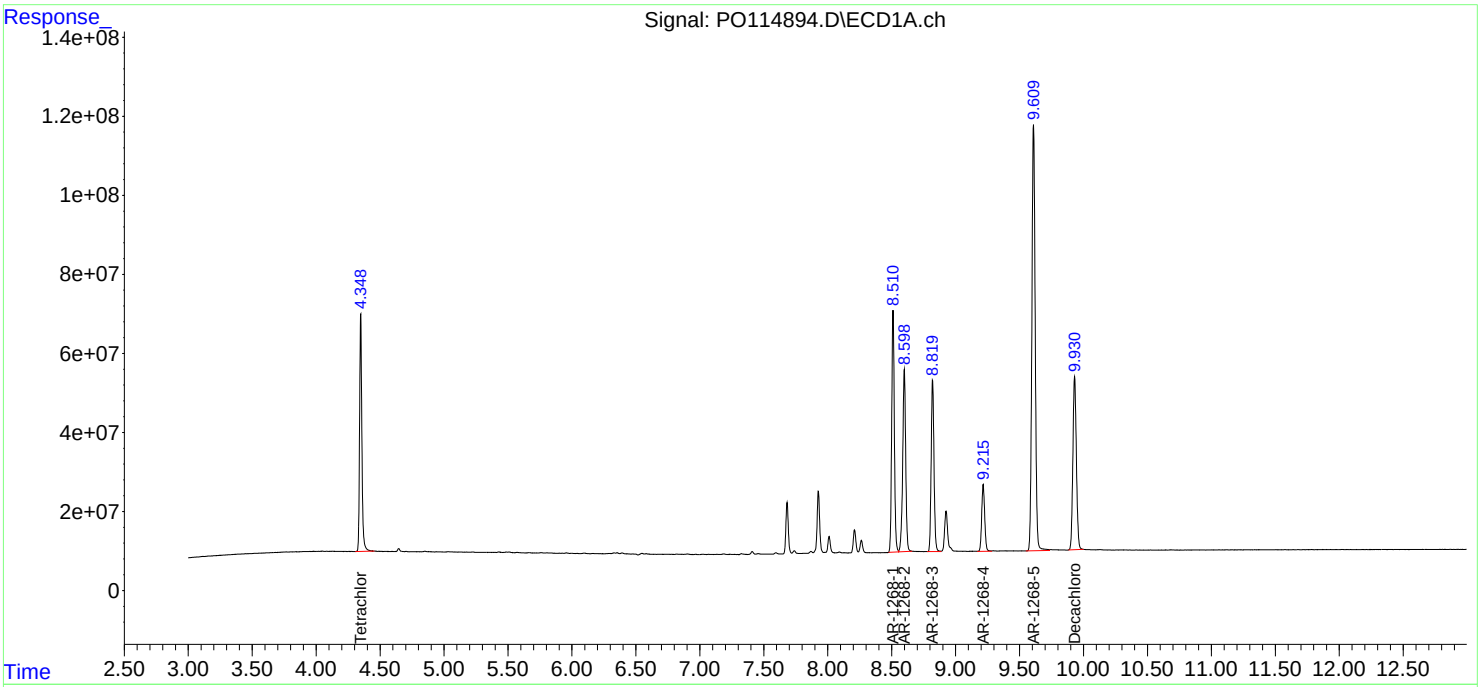
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

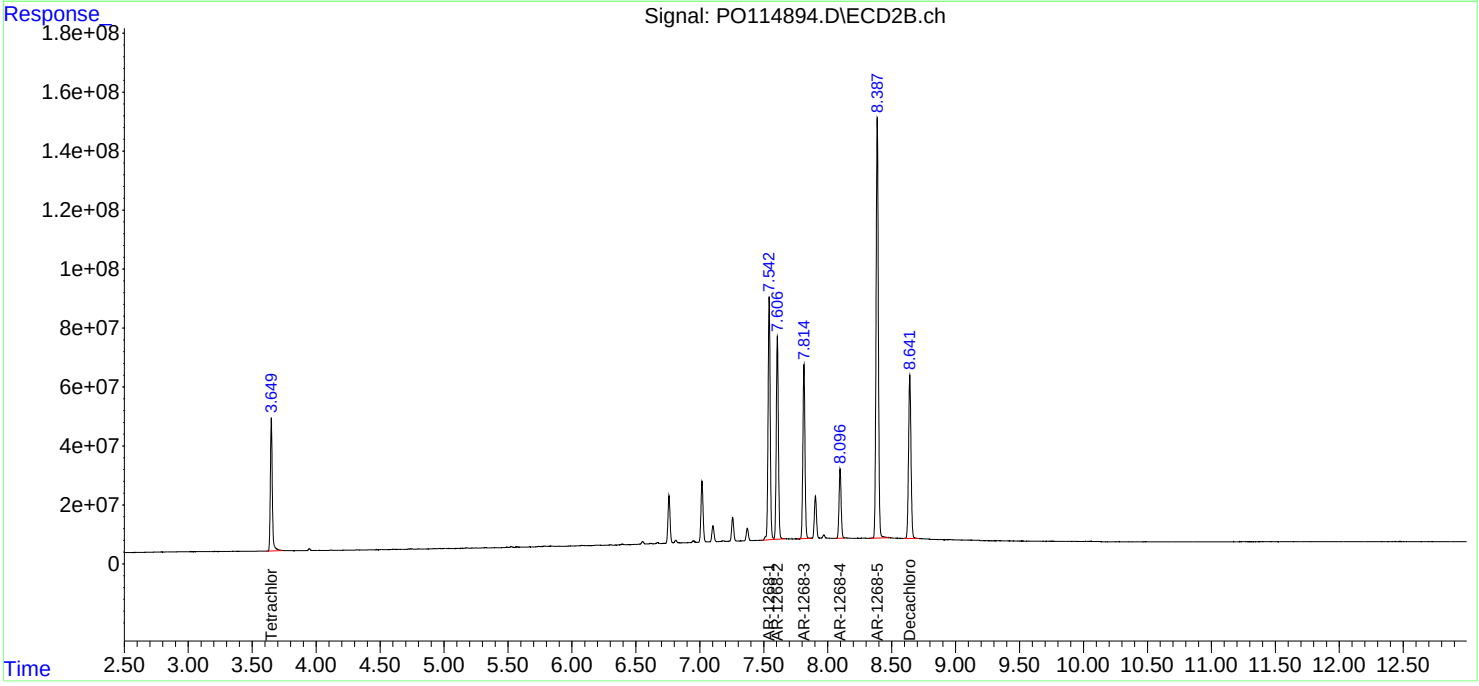
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:18
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

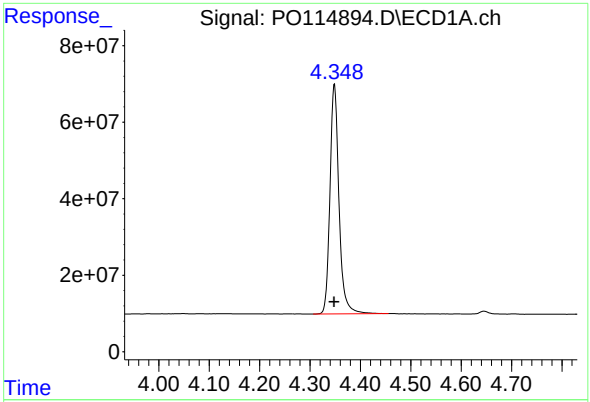
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



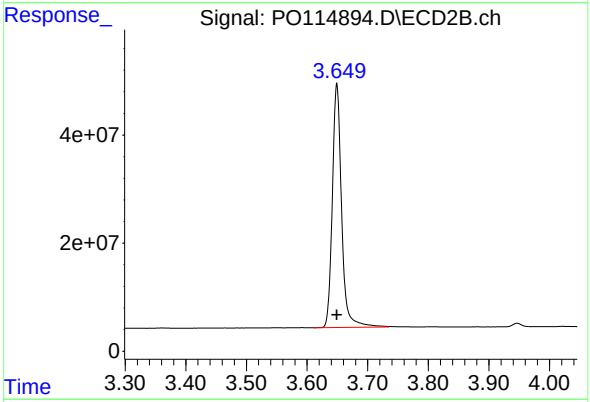




#1 Tetrachloro-m-xylene

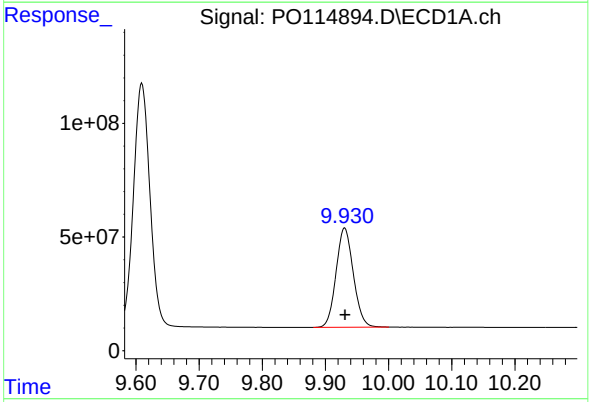
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 747579288
Conc: 97.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



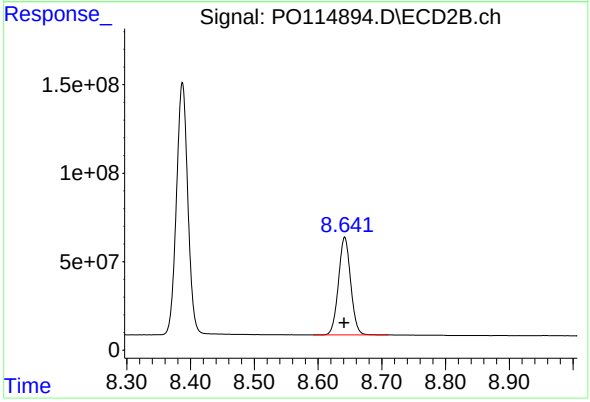
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 479152157
Conc: 97.47 ng/ml



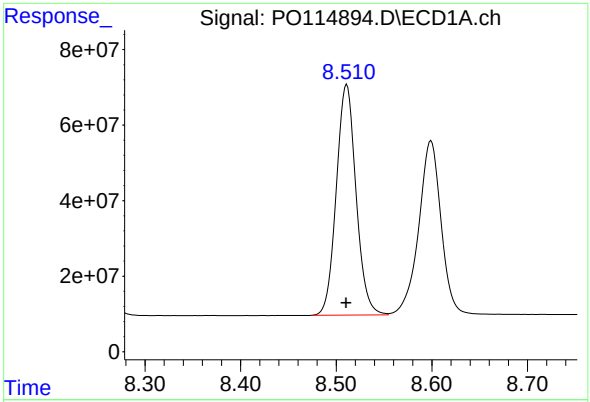
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 828838535
Conc: 97.45 ng/ml



#2 Decachlorobiphenyl

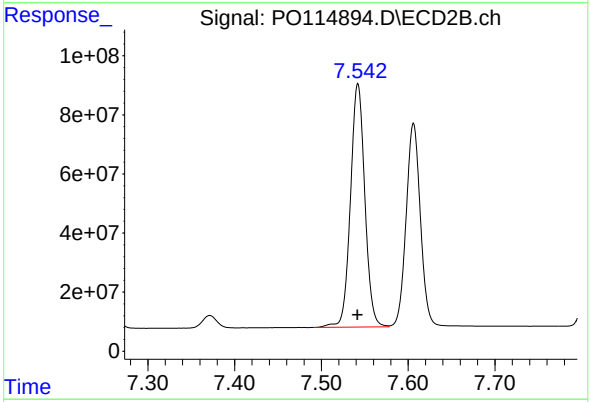
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 734998039
Conc: 95.38 ng/ml



#41 AR-1268-1

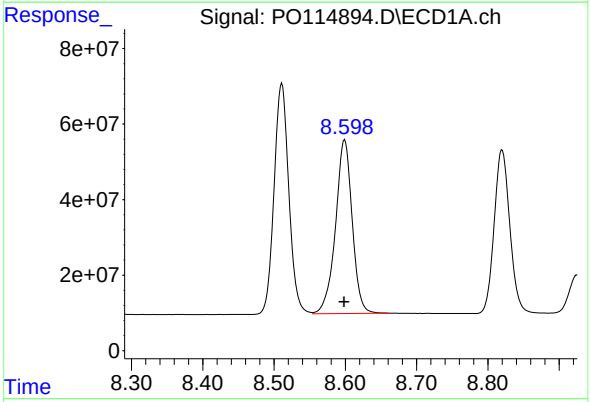
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 876279188
Conc: 981.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



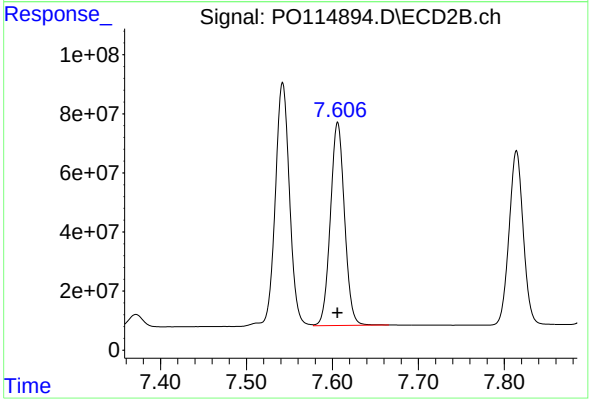
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 948830555
Conc: 966.49 ng/ml



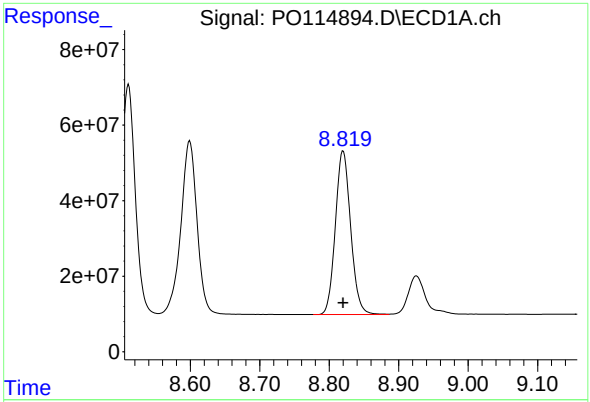
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.001 min
Response: 748334854
Conc: 977.54 ng/ml



#42 AR-1268-2

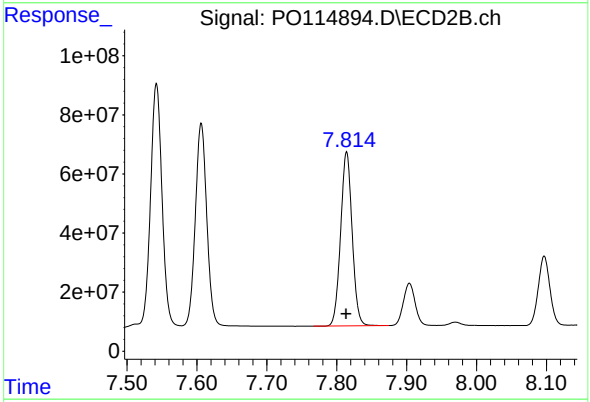
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 784312077
Conc: 966.82 ng/ml



#43 AR-1268-3

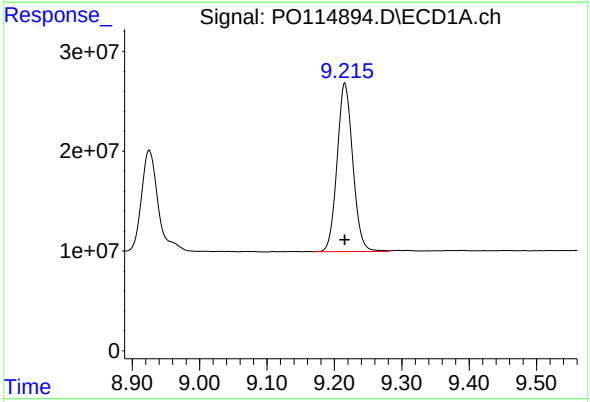
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 663299706
Conc: 975.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



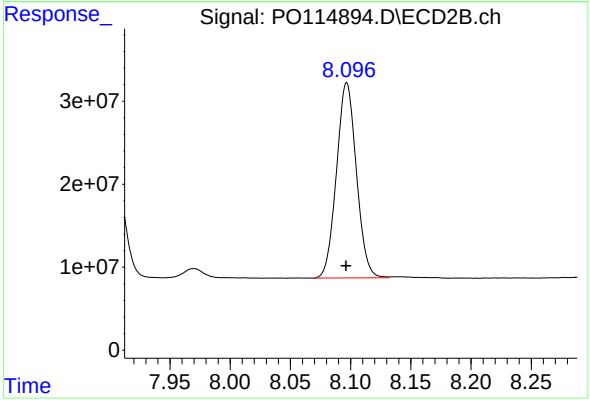
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 672635507
Conc: 966.81 ng/ml



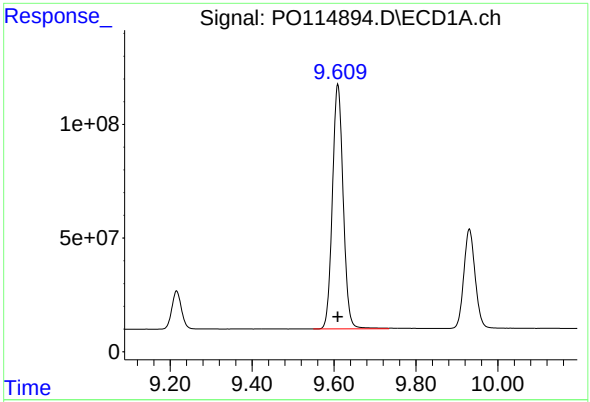
#44 AR-1268-4

R.T.: 9.216 min
Delta R.T.: 0.000 min
Response: 274155738
Conc: 971.12 ng/ml



#44 AR-1268-4

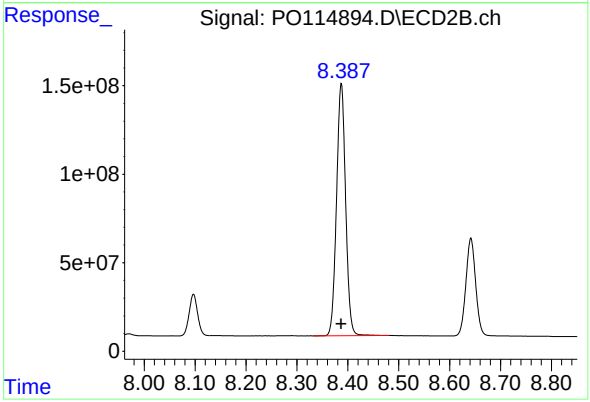
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 270862616
Conc: 967.07 ng/ml



#45 AR-1268-5

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 1966581606
Conc: 990.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 1768544208
Conc: 972.55 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:36
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: Nov 05 01:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	572.8E6	367.7E6	74.818	74.796
2)	SA Decachlor...	9.932	8.641	629.7E6	557.8E6	74.043	72.388
	Target Compounds						
41)	L9 AR-1268-1	8.510	7.542	664.3E6	724.0E6	743.849	737.521
42)	L9 AR-1268-2	8.599	7.606	567.3E6	597.5E6	740.998	736.564
43)	L9 AR-1268-3	8.819	7.814	504.1E6	511.1E6	741.416	734.677
44)	L9 AR-1268-4	9.215	8.096	208.1E6	206.6E6	737.304	737.457
45)	L9 AR-1268-5	9.609	8.387	1484.6E6	1339.5E6	747.625	736.619

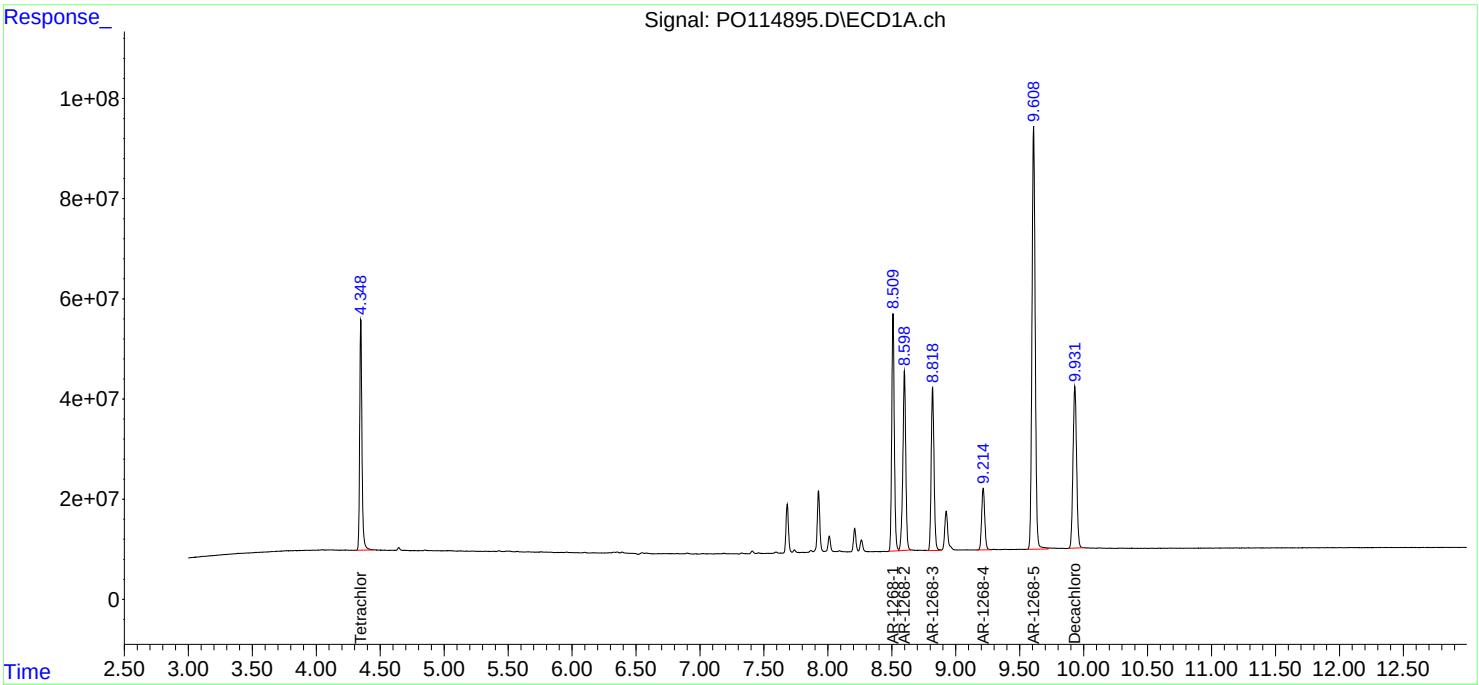
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

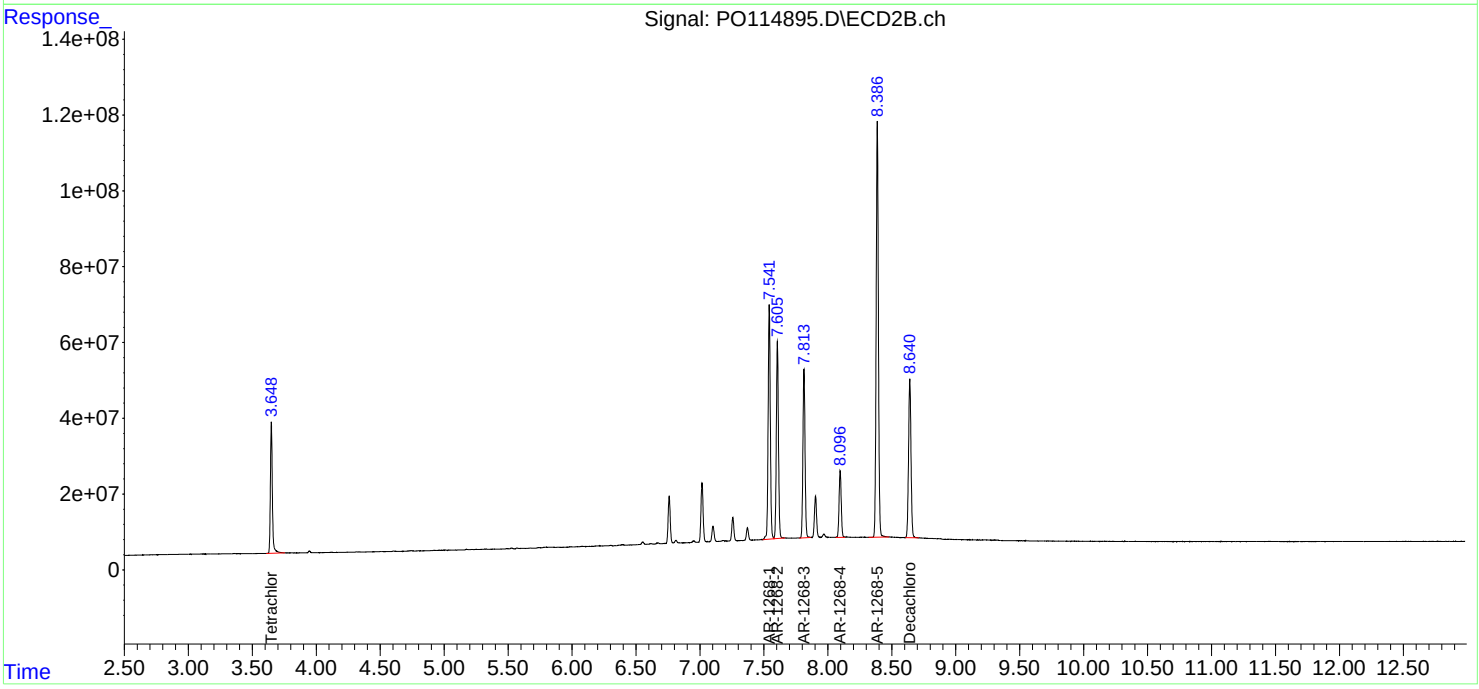
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:36
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

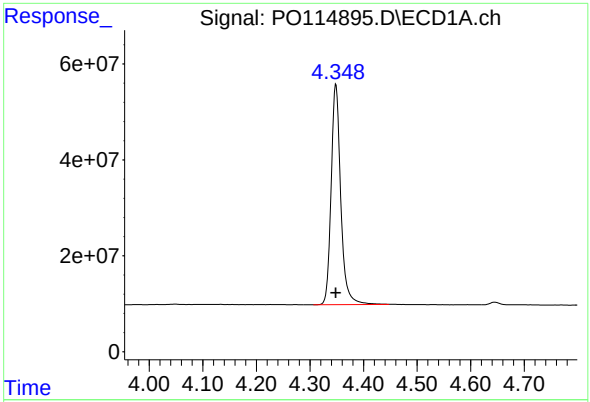
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



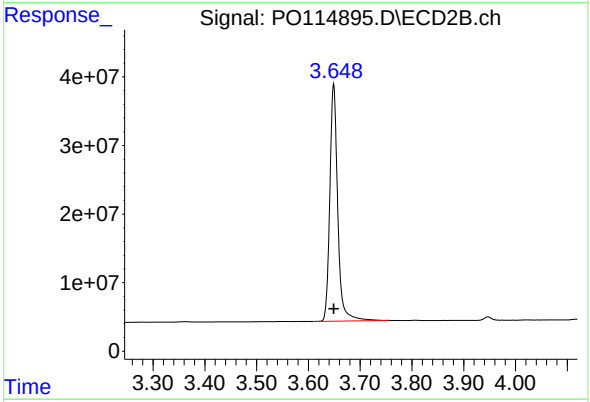




#1 Tetrachloro-m-xylene

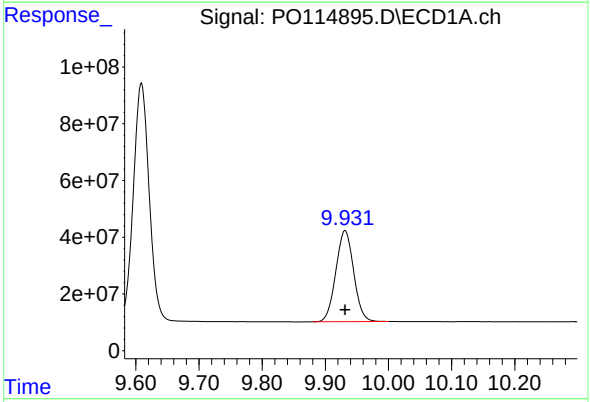
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 572751235
Conc: 74.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



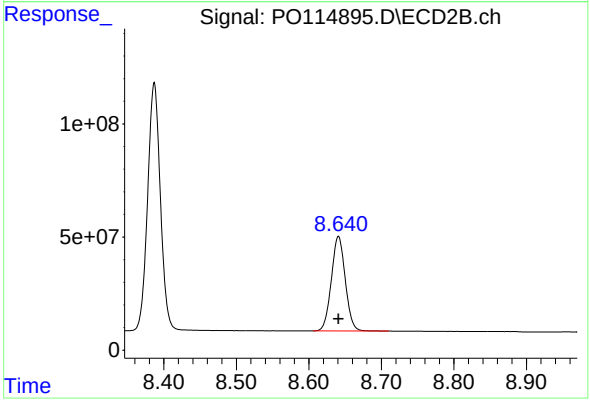
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 367691097
Conc: 74.80 ng/ml



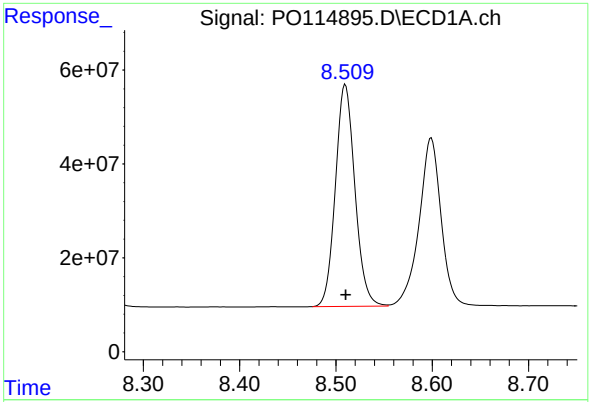
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 629732594
Conc: 74.04 ng/ml



#2 Decachlorobiphenyl

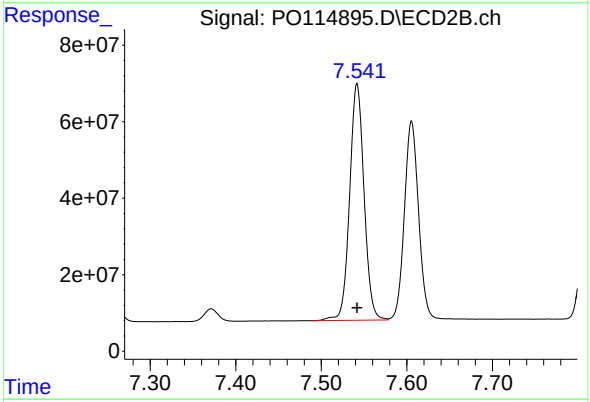
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 557836685
Conc: 72.39 ng/ml



#41 AR-1268-1

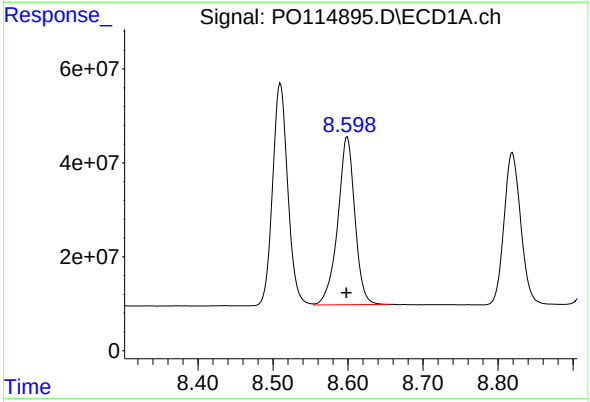
R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 664288053
Conc: 743.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



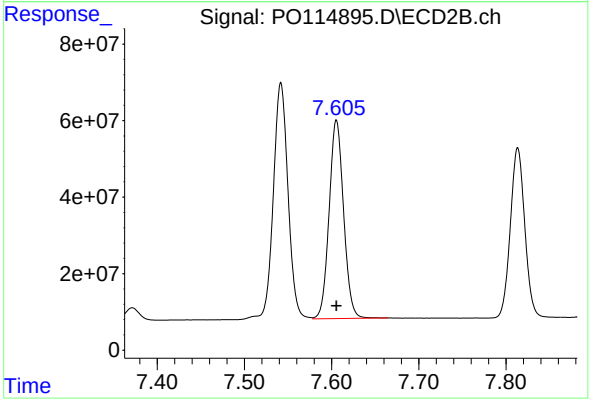
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 724048910
Conc: 737.52 ng/ml



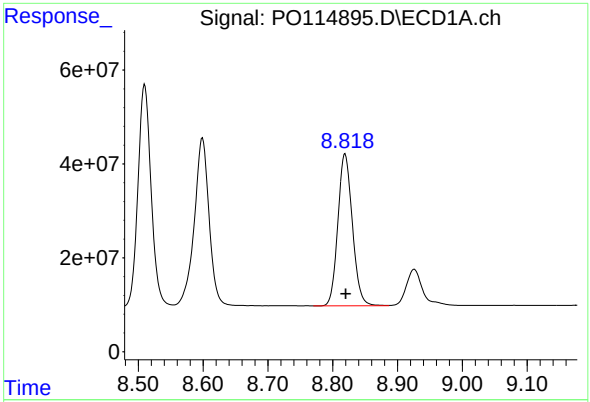
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 567253010
Conc: 741.00 ng/ml



#42 AR-1268-2

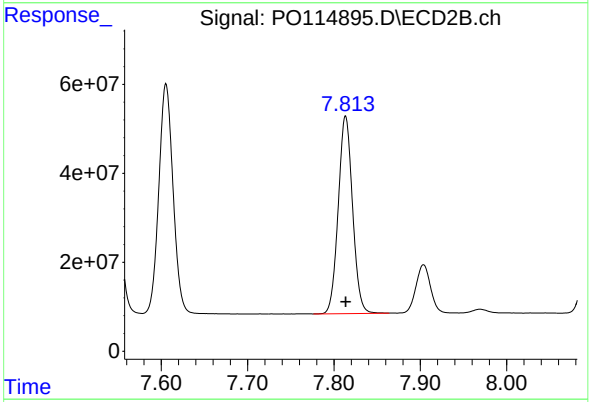
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 597520658
Conc: 736.56 ng/ml



#43 AR-1268-3

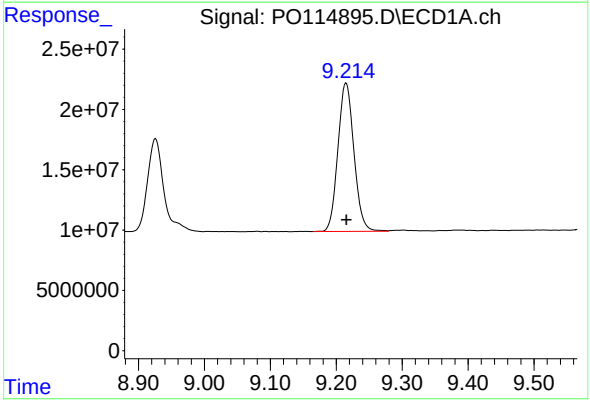
R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 504064370
Conc: 741.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



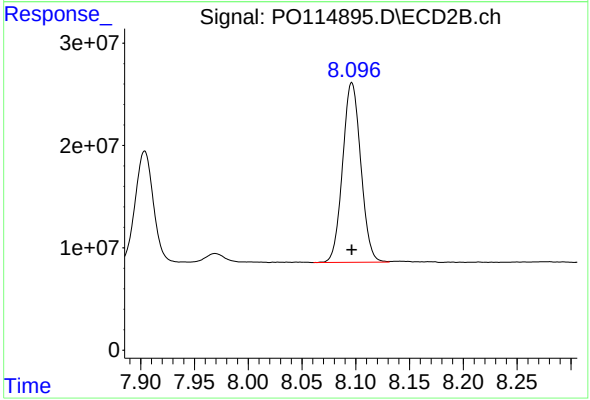
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 511131963
Conc: 734.68 ng/ml



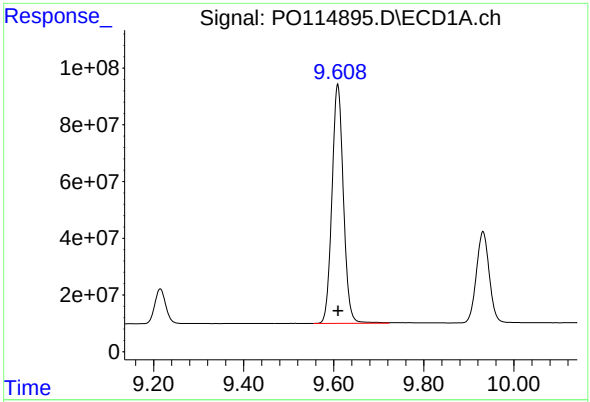
#44 AR-1268-4

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 208148395
Conc: 737.30 ng/ml



#44 AR-1268-4

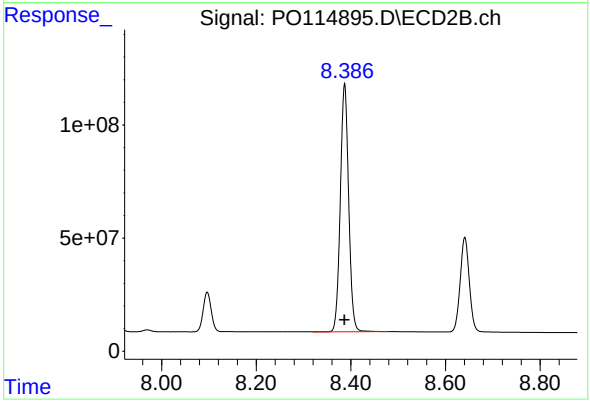
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 206551935
Conc: 737.46 ng/ml



#45 AR-1268-5

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 1484580048
Conc: 747.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 1339510954
Conc: 736.62 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:55
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: Nov 05 01:23:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	382.8E6	245.8E6	50.000	50.000
2)	SA Decachlor...	9.931	8.641	425.2E6	385.3E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.510	7.542	446.5E6	490.9E6	500.000	500.000
42)	L9 AR-1268-2	8.598	7.606	382.8E6	405.6E6	500.000	500.000
43)	L9 AR-1268-3	8.820	7.814	339.9E6	347.9E6	500.000	500.000
44)	L9 AR-1268-4	9.215	8.096	141.2E6	140.0E6	500.000	500.000
45)	L9 AR-1268-5	9.609	8.387	992.9E6	909.2E6	500.000	500.000

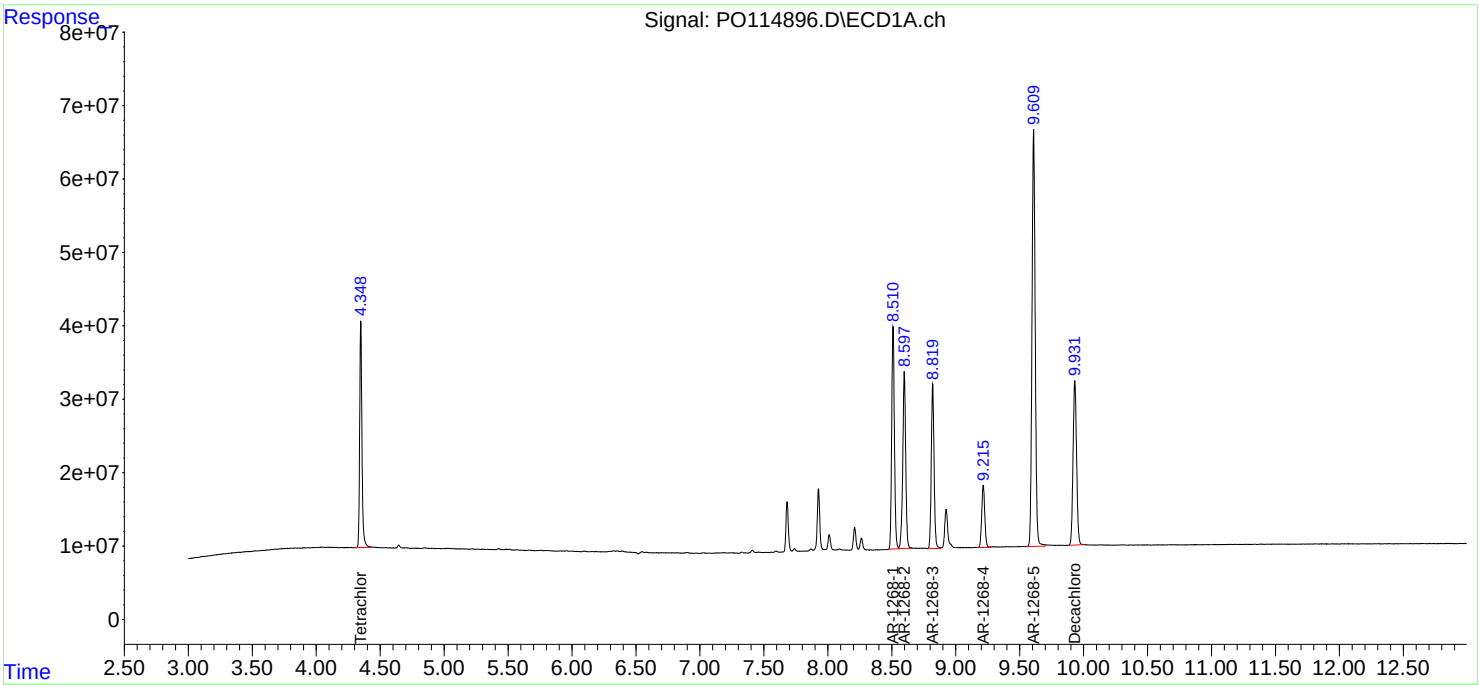
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

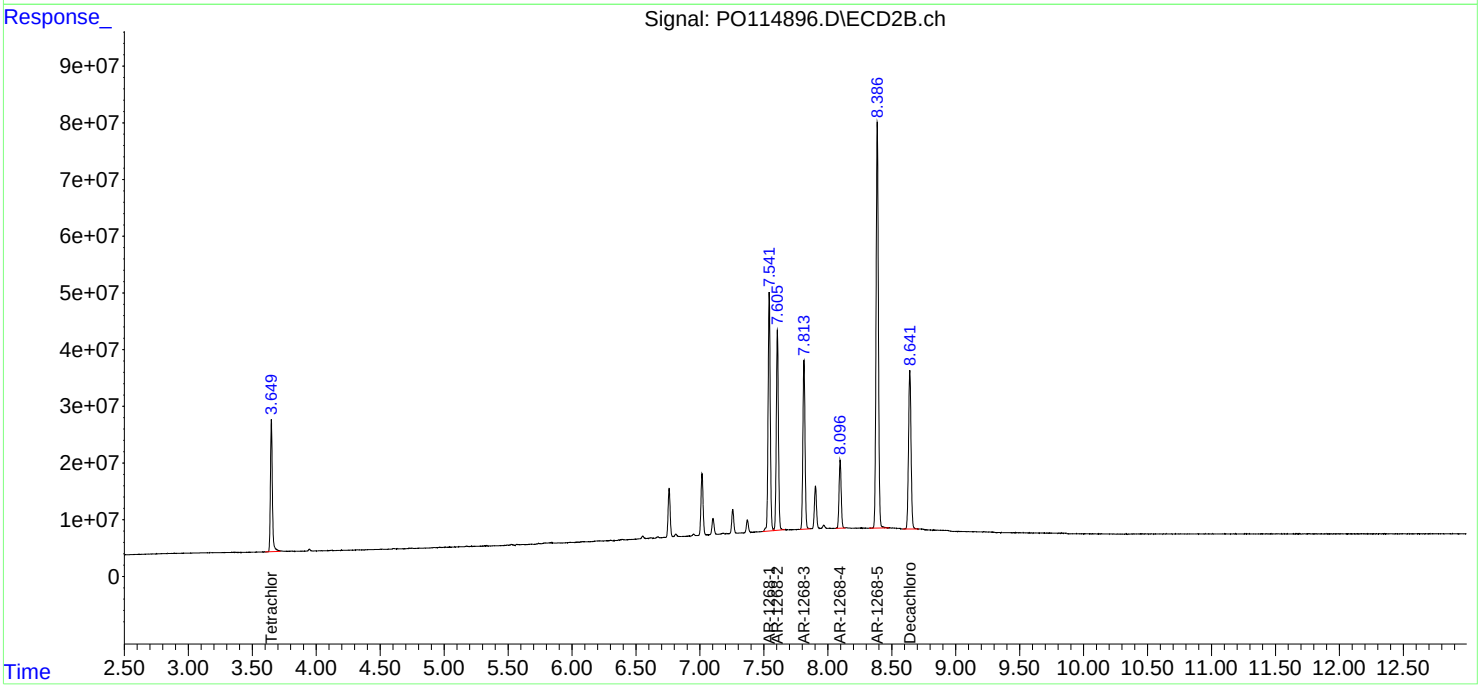
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:55
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

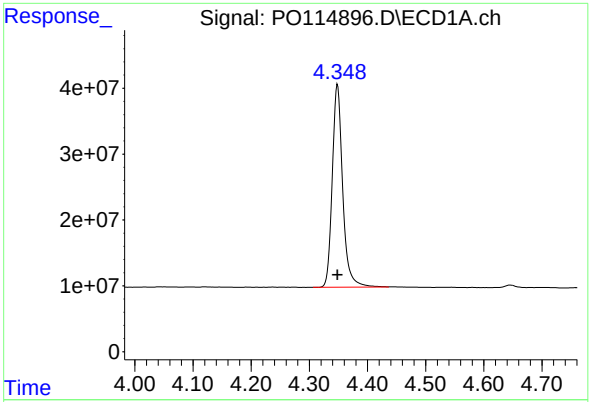
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



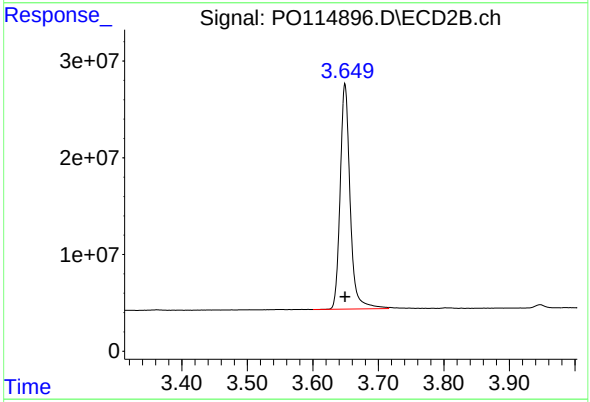




#1 Tetrachloro-m-xylene

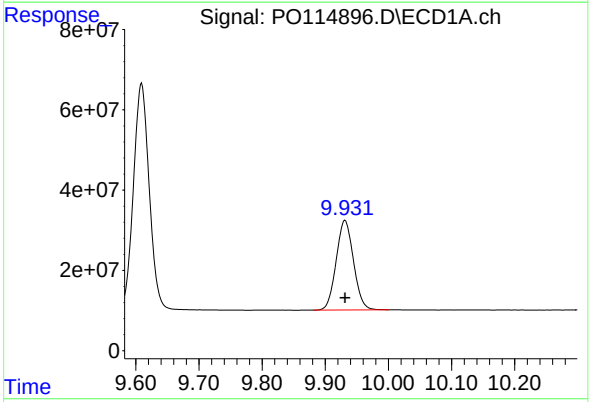
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 382764581
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



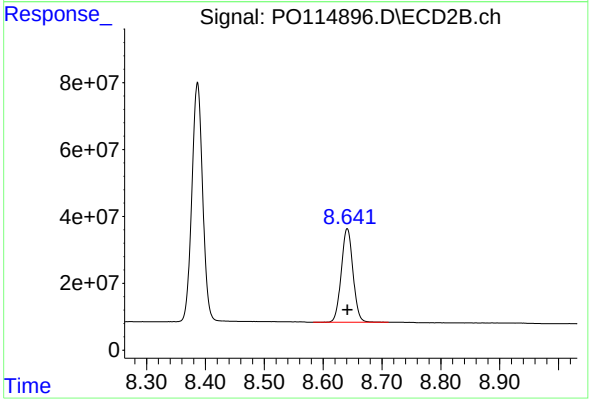
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 245796033
Conc: 50.00 ng/ml



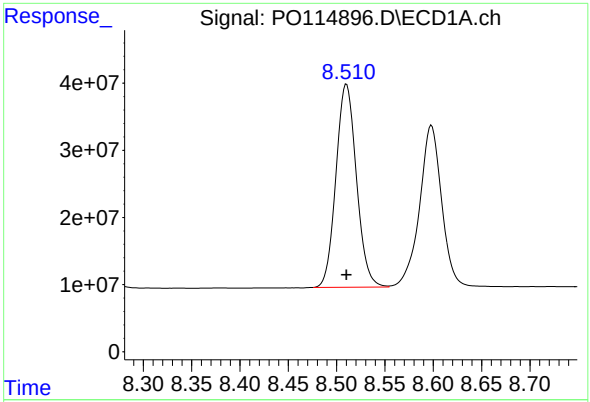
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 425247344
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

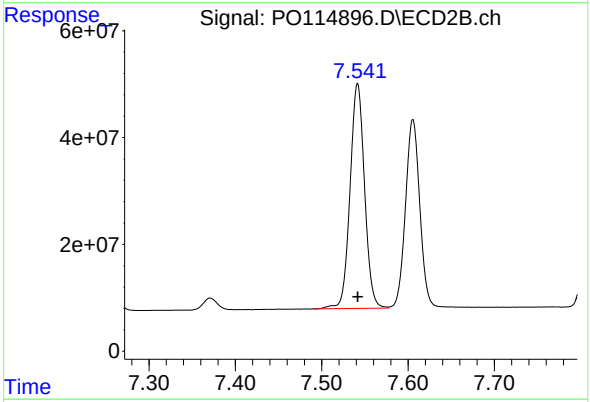
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 385310067
Conc: 50.00 ng/ml



#41 AR-1268-1

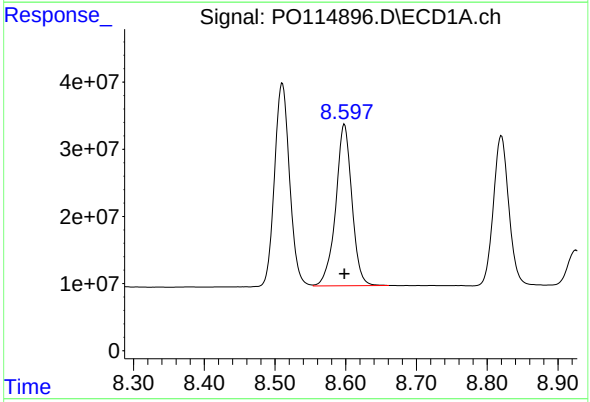
R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 446520511
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



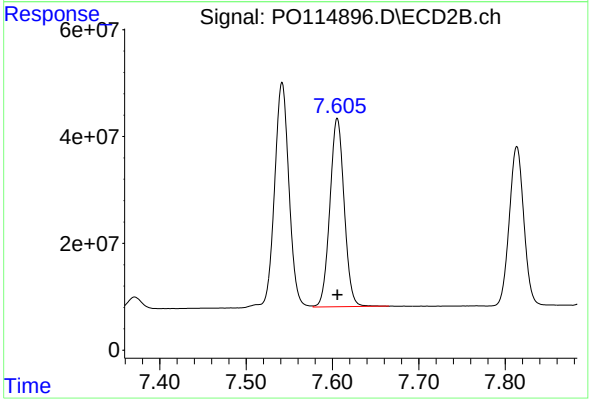
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 490866452
Conc: 500.00 ng/ml



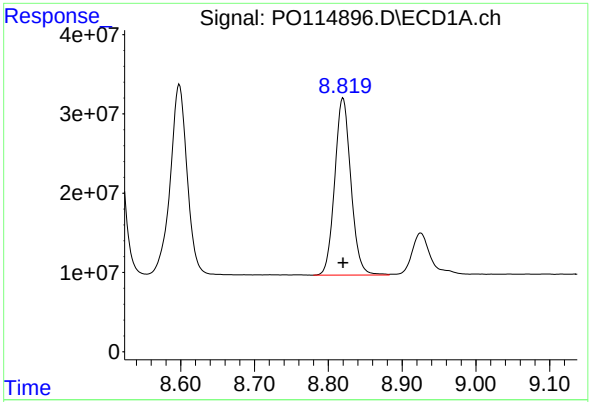
#42 AR-1268-2

R.T.: 8.598 min
Delta R.T.: 0.000 min
Response: 382762768
Conc: 500.00 ng/ml



#42 AR-1268-2

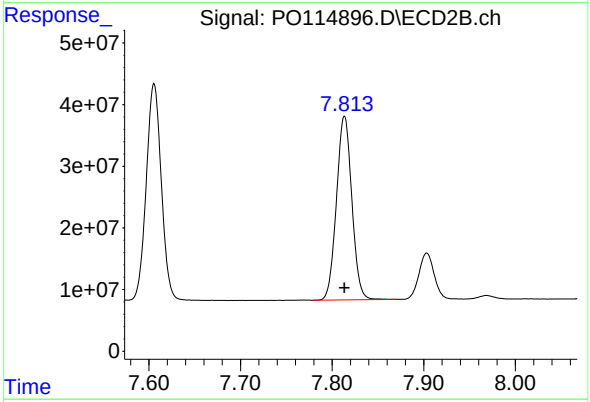
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 405613764
Conc: 500.00 ng/ml



#43 AR-1268-3

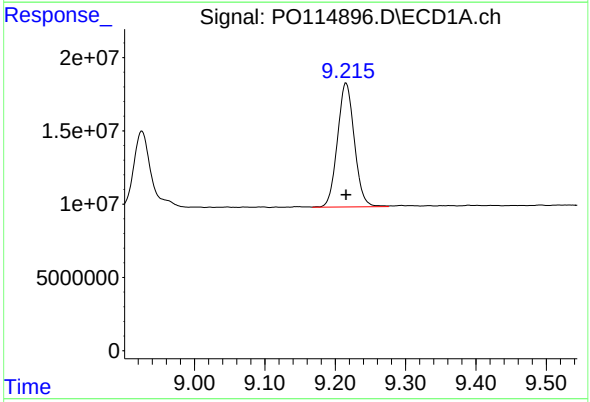
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 339933456
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



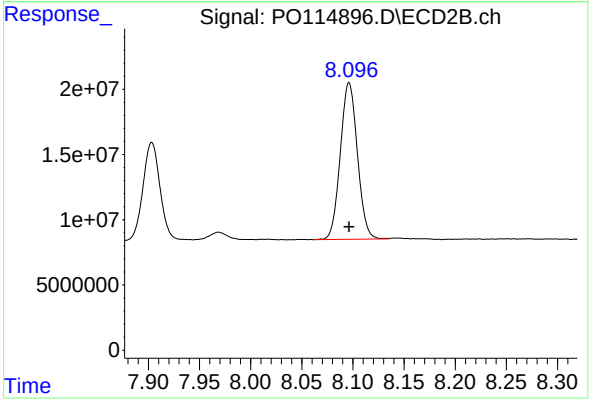
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 347861665
Conc: 500.00 ng/ml



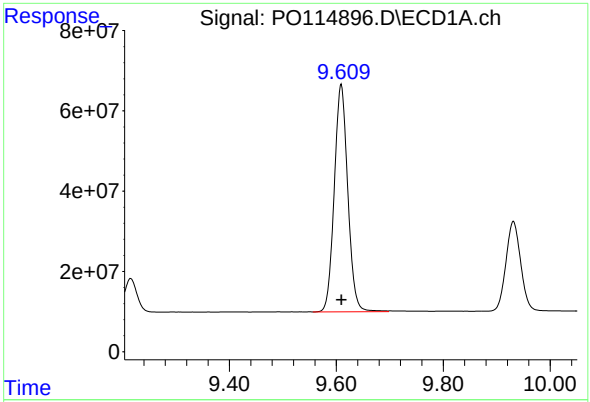
#44 AR-1268-4

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 141155010
Conc: 500.00 ng/ml



#44 AR-1268-4

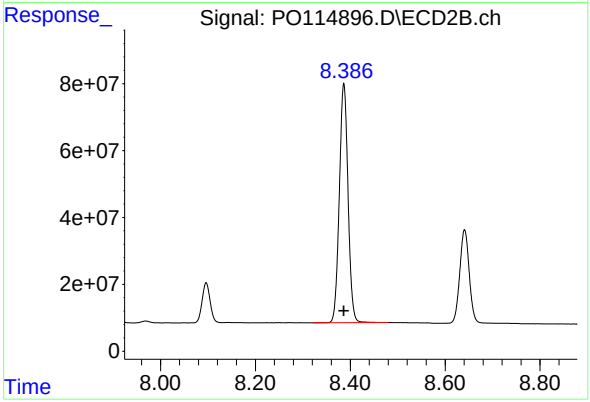
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 140043419
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 992864684
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 909228605
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 18:13
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	189.9E6	122.1E6	24.810	24.834
2)	SA Decachlor...	9.932	8.641	210.5E6	196.5E6	24.748	25.504
	Target Compounds						
41)	L9 AR-1268-1	8.511	7.541	221.9E6	248.4E6	248.457	253.017m
42)	L9 AR-1268-2	8.599	7.605	190.0E6	204.3E6	248.168	251.781
43)	L9 AR-1268-3	8.820	7.813	167.9E6	174.1E6	246.983	250.180
44)	L9 AR-1268-4	9.216	8.096	70540429	70593070	249.869	252.040
45)	L9 AR-1268-5	9.610	8.387	489.2E6	458.0E6	246.358	251.855

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

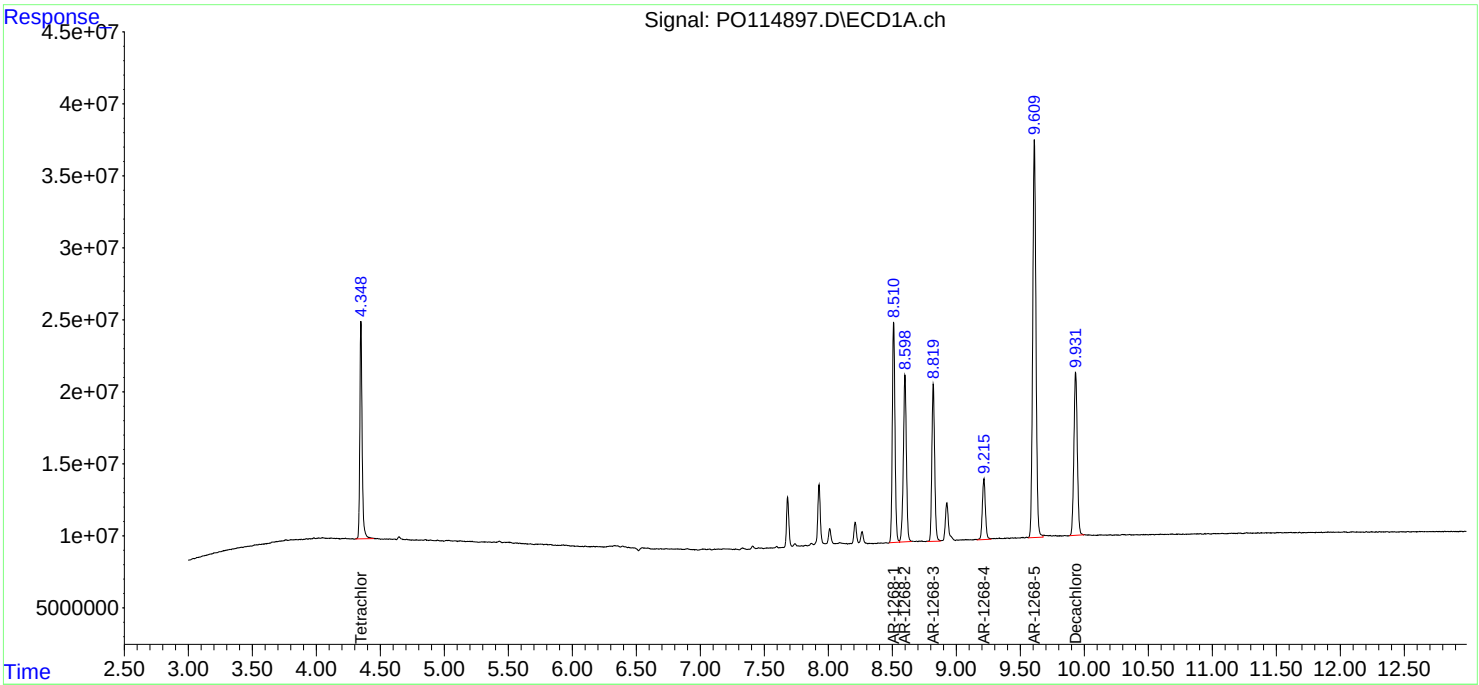
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 18:13
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

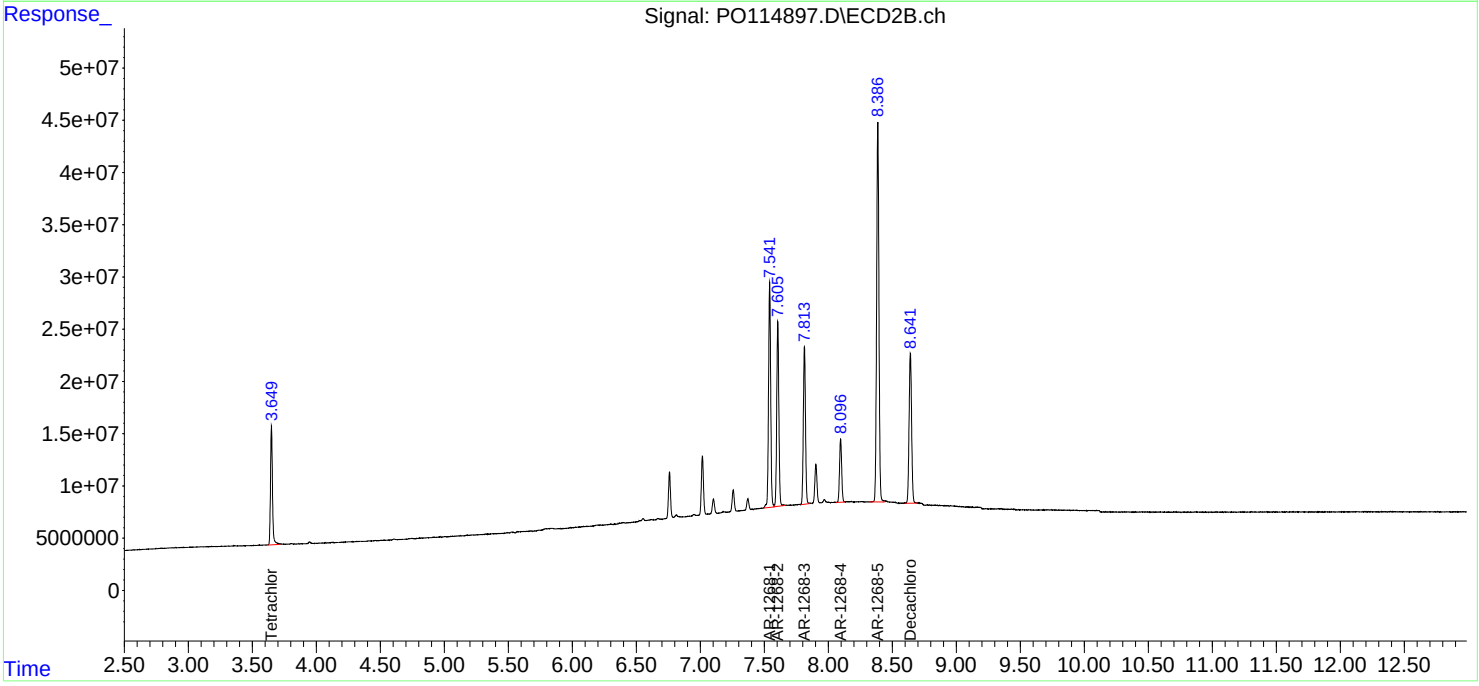
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

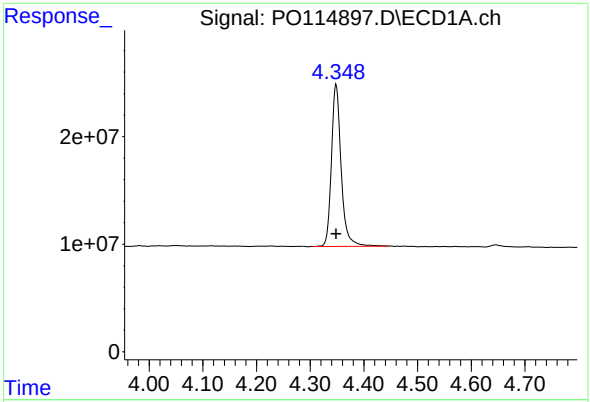
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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







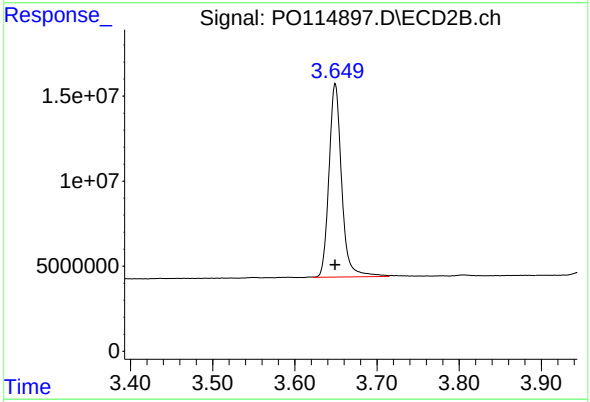
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 189928356
Conc: 24.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

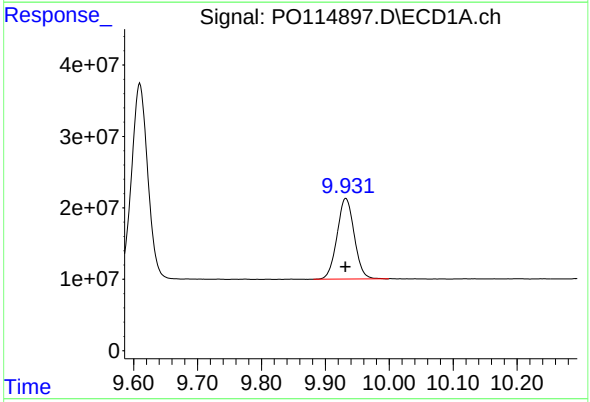
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



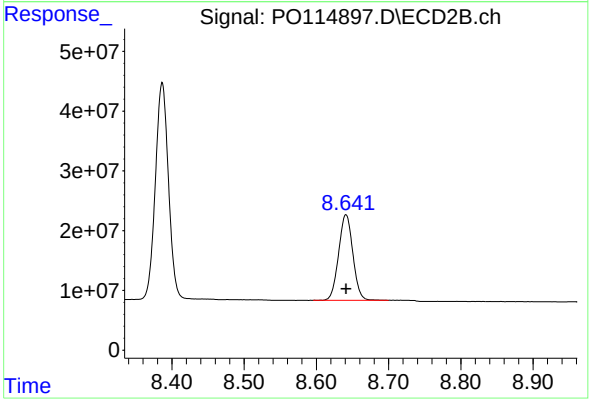
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 122081833
Conc: 24.83 ng/ml



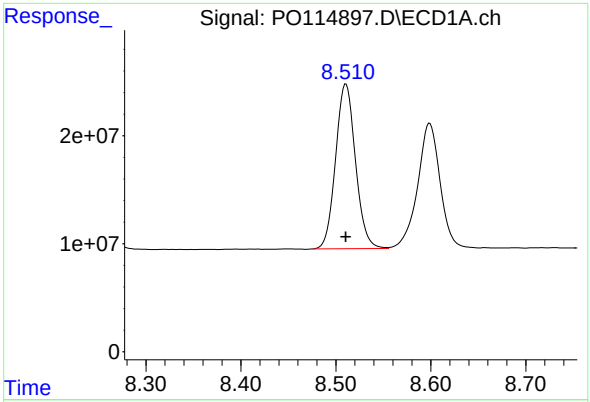
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 210483948
Conc: 24.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 196538978
Conc: 25.50 ng/ml



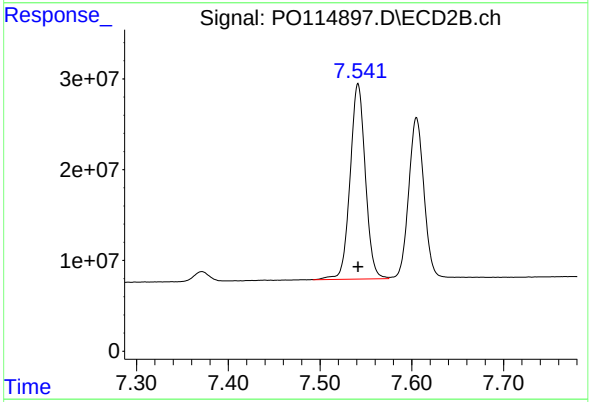
#41 AR-1268-1

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 221882466
Conc: 248.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

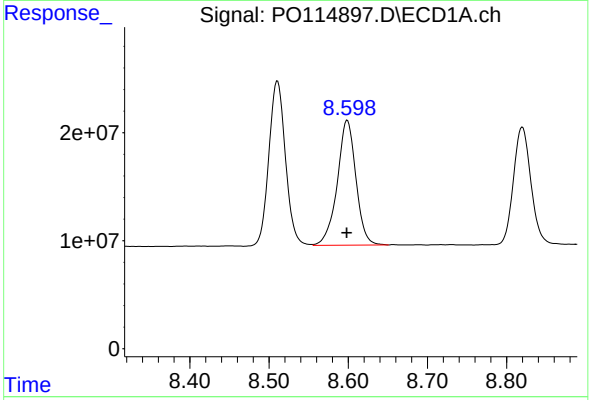
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



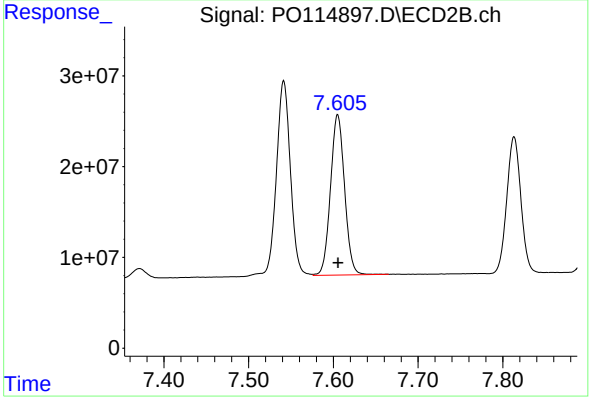
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 248395537
Conc: 253.02 ng/ml m



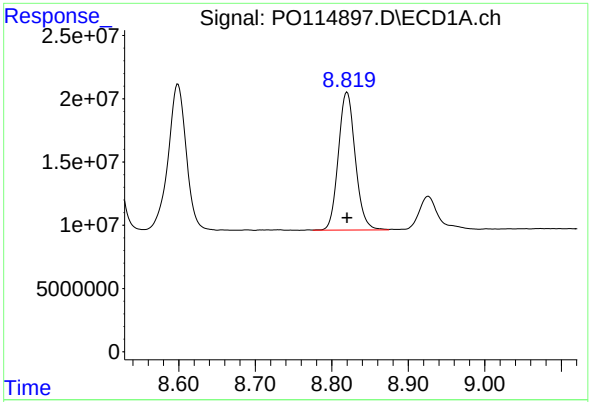
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 189978928
Conc: 248.17 ng/ml



#42 AR-1268-2

R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 204251649
Conc: 251.78 ng/ml



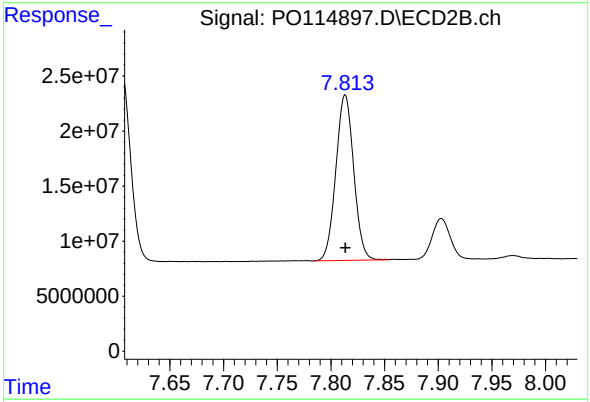
#43 AR-1268-3

R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 167915251
Conc: 246.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

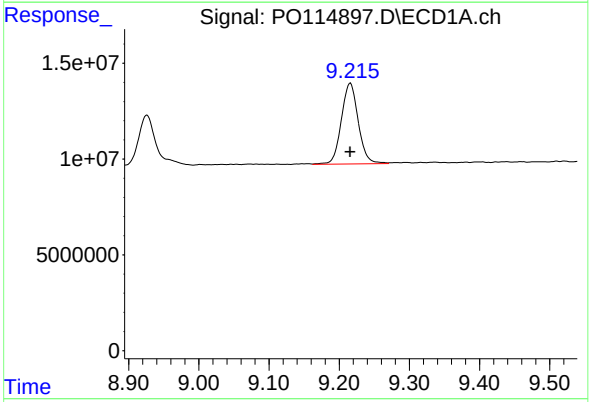
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



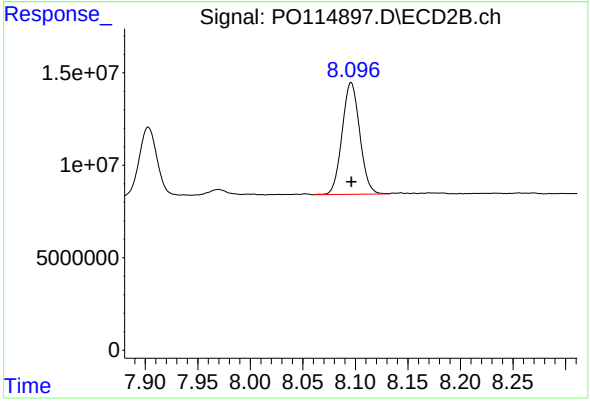
#43 AR-1268-3

R.T.: 7.813 min
Delta R.T.: 0.000 min
Response: 174056284
Conc: 250.18 ng/ml



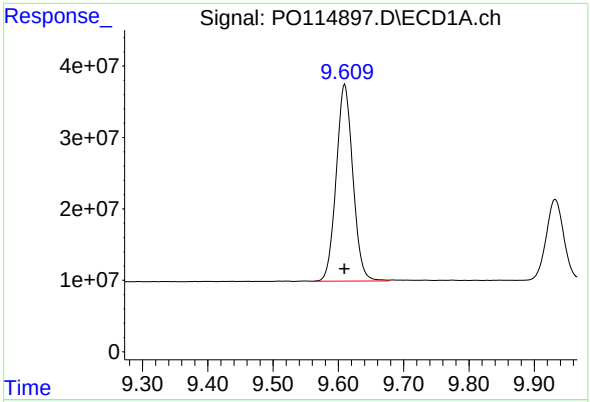
#44 AR-1268-4

R.T.: 9.216 min
Delta R.T.: 0.000 min
Response: 70540429
Conc: 249.87 ng/ml



#44 AR-1268-4

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 70593070
Conc: 252.04 ng/ml



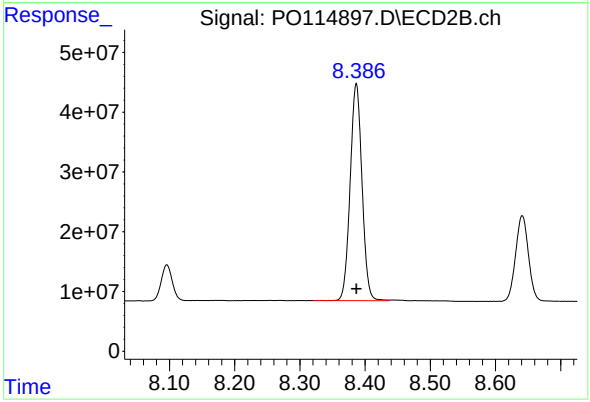
#45 AR-1268-5

R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 489199594
Conc: 246.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 457988001
Conc: 251.86 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 18:31
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: Nov 05 01:23:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.648	35607202	23620780	4.651	4.805
2)	SA Decachlor...	9.931	8.640	38610556	41609899	4.540	5.400
	Target Compounds						
41)	L9 AR-1268-1	8.511	7.542	40675439	49554127	45.547	50.476
42)	L9 AR-1268-2	8.599	7.606	35140218	38446458	45.903	47.393
43)	L9 AR-1268-3	8.820	7.814	30894342	31638164	45.442	45.475
44)	L9 AR-1268-4	9.214	8.096	14340449	13380470	50.797	47.773
45)	L9 AR-1268-5	9.609	8.387	90370817	85884170	45.510	47.229

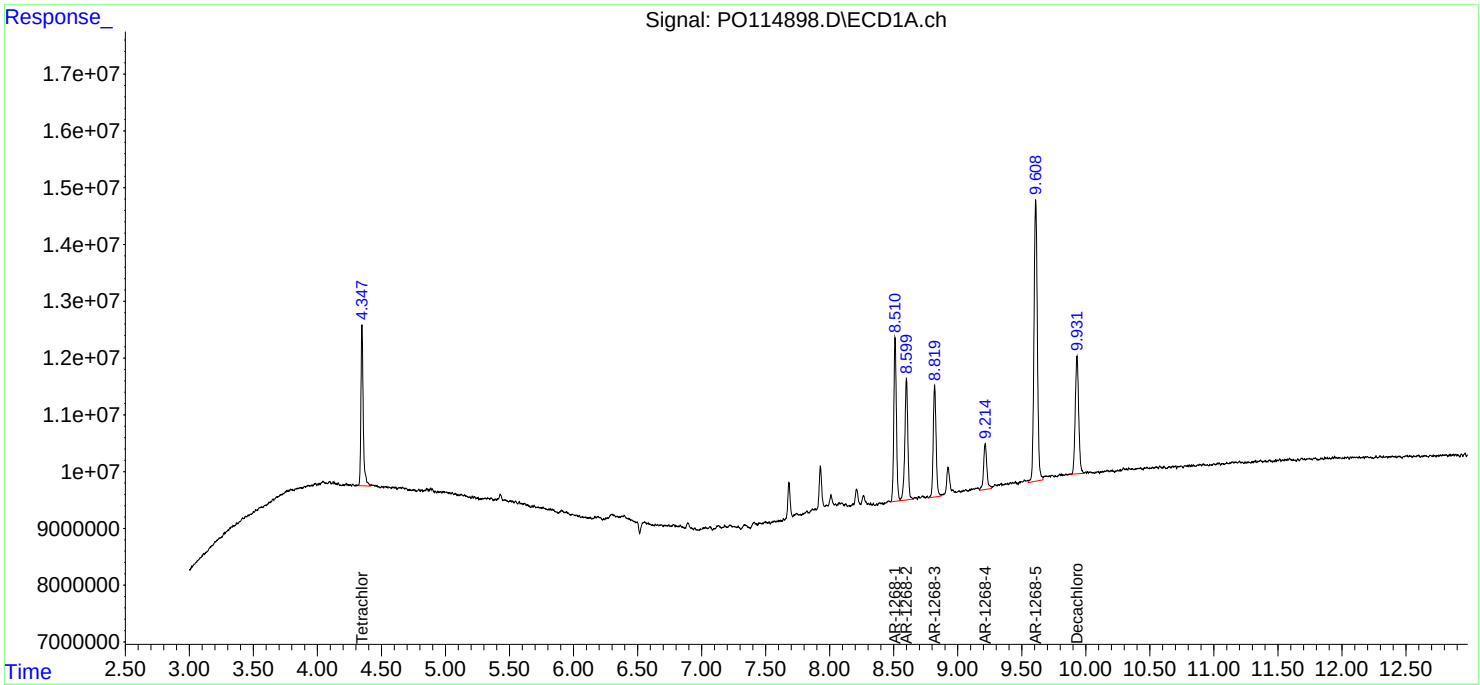
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

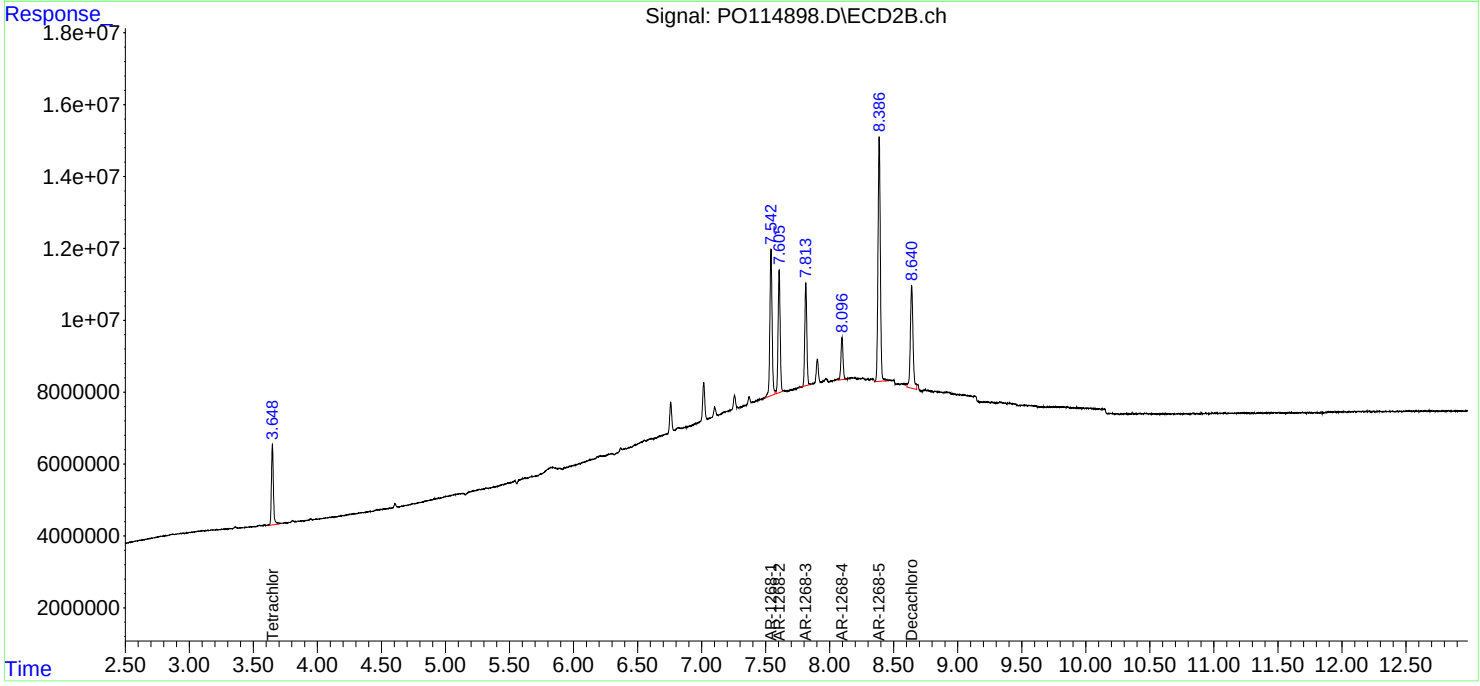
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 18:31
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

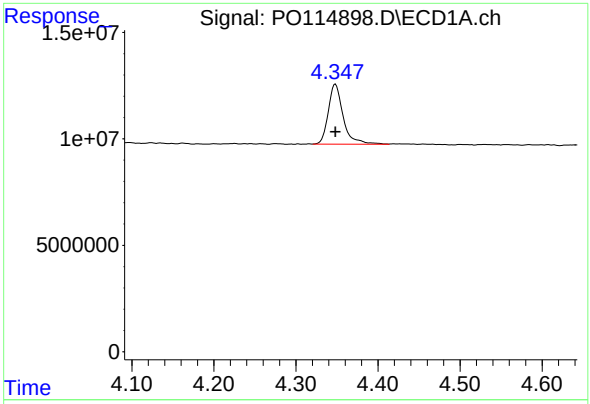
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



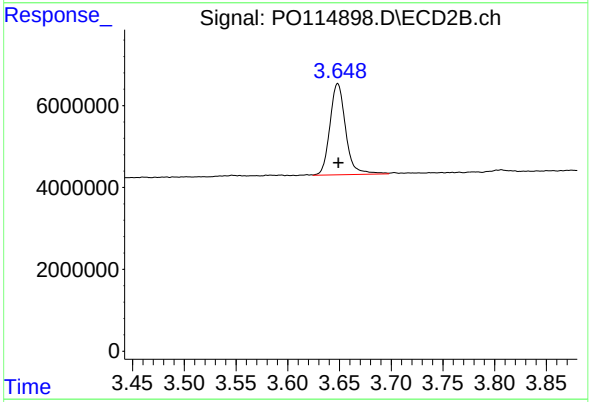




#1 Tetrachloro-m-xylene

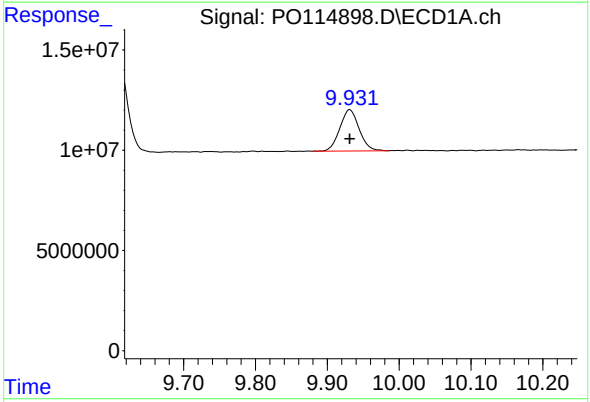
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 35607202
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



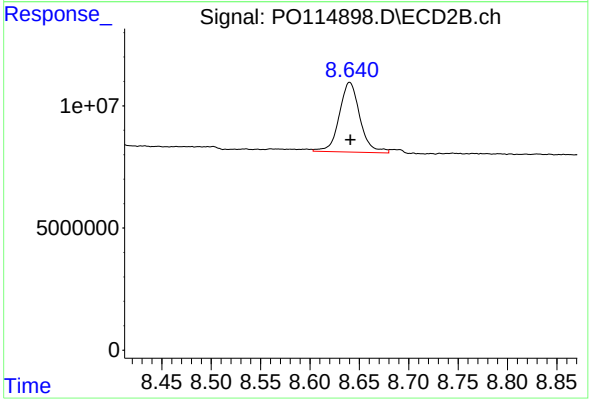
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 23620780
Conc: 4.80 ng/ml



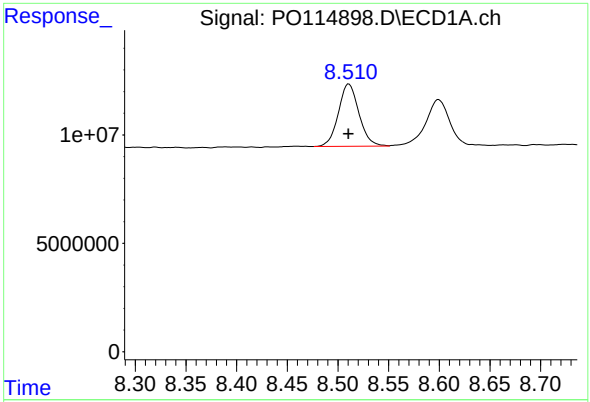
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 38610556
Conc: 4.54 ng/ml



#2 Decachlorobiphenyl

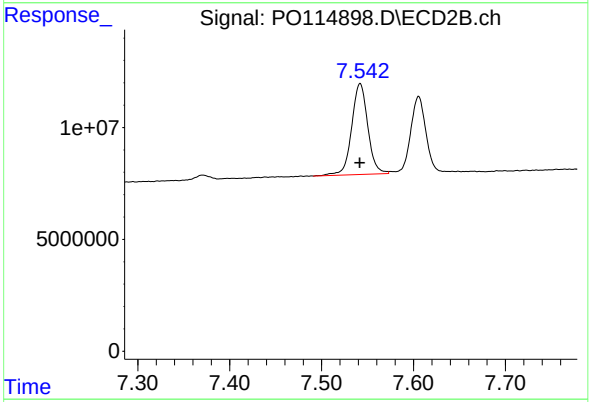
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 41609899
Conc: 5.40 ng/ml



#41 AR-1268-1

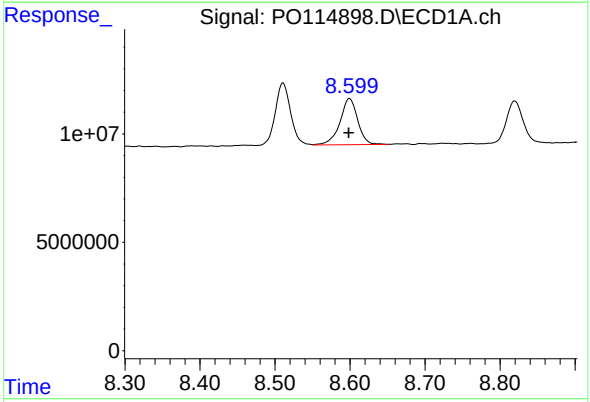
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 40675439
Conc: 45.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



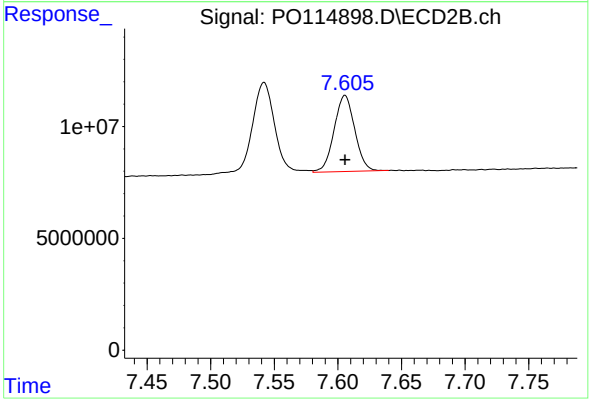
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 49554127
Conc: 50.48 ng/ml



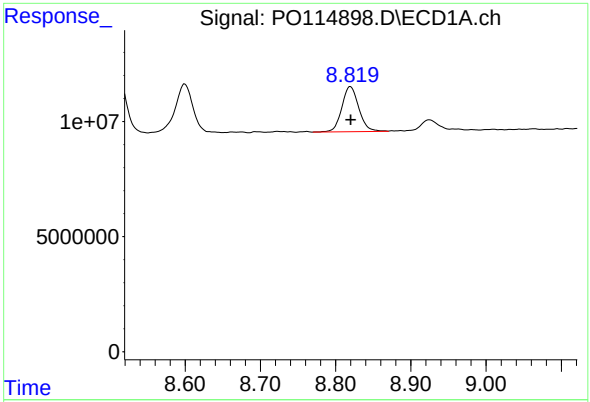
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.001 min
Response: 35140218
Conc: 45.90 ng/ml



#42 AR-1268-2

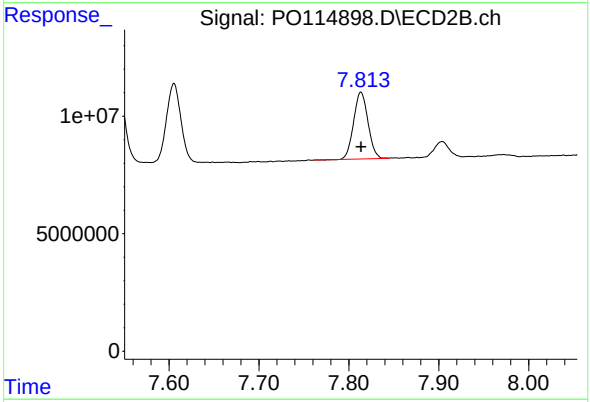
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 38446458
Conc: 47.39 ng/ml



#43 AR-1268-3

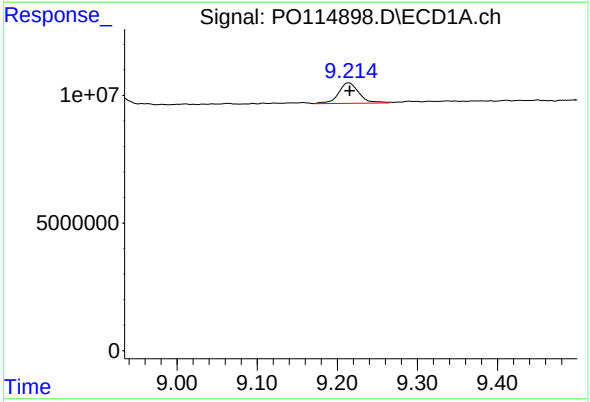
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 30894342
Conc: 45.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



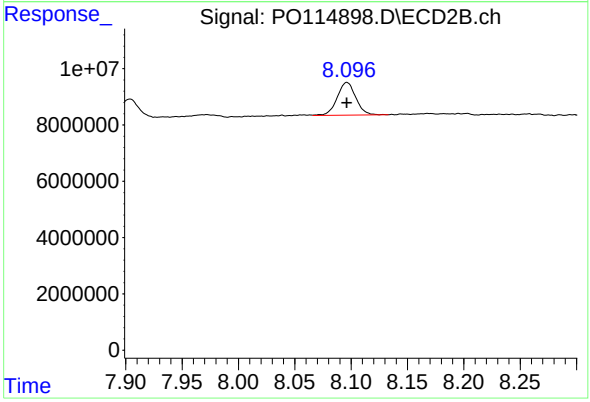
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 31638164
Conc: 45.48 ng/ml



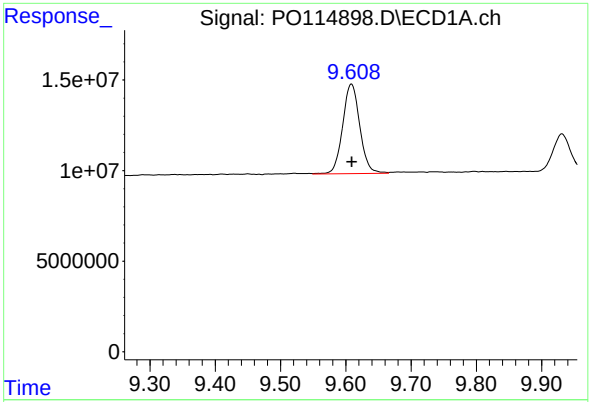
#44 AR-1268-4

R.T.: 9.214 min
Delta R.T.: -0.001 min
Response: 14340449
Conc: 50.80 ng/ml



#44 AR-1268-4

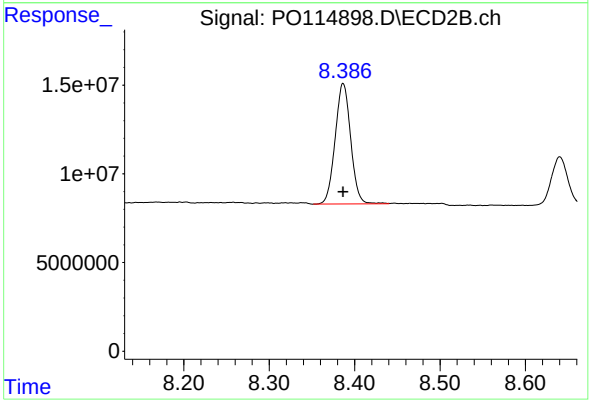
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 13380470
Conc: 47.77 ng/ml



#45 AR-1268-5

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 90370817
Conc: 45.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 85884170
Conc: 47.23 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 19:08
Operator : YP/AJ
Sample : PO110425ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO110425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 02:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 02:02:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	350.6E6	216.0E6	49.817	48.358
2)	SA Decachlor...	9.932	8.640	217.2E6	202.0E6	49.145	51.742
	Target Compounds						
3)	L1 AR-1016-1	5.487	4.728	119.9E6	92647170	487.281	486.962
4)	L1 AR-1016-2	5.508	4.747	193.0E6	132.4E6	485.938	488.627
5)	L1 AR-1016-3	5.570	4.921	110.7E6	72980433	496.242	493.200
6)	L1 AR-1016-4	5.666	4.963	92089690	57444659	487.569	489.233
7)	L1 AR-1016-5	5.957	5.176	84866211	74982175	476.249	490.999
31)	L7 AR-1260-1	7.071	6.205	144.7E6	141.9E6	473.335	479.180
32)	L7 AR-1260-2	7.325	6.393	200.2E6	209.0E6	505.658	486.103
33)	L7 AR-1260-3	7.682	6.546	167.5E6	170.3E6	504.732	484.991
34)	L7 AR-1260-4	7.904	7.017	152.7E6	150.0E6	500.629	495.013
35)	L7 AR-1260-5	8.210	7.257	350.1E6	404.4E6	490.903	492.224

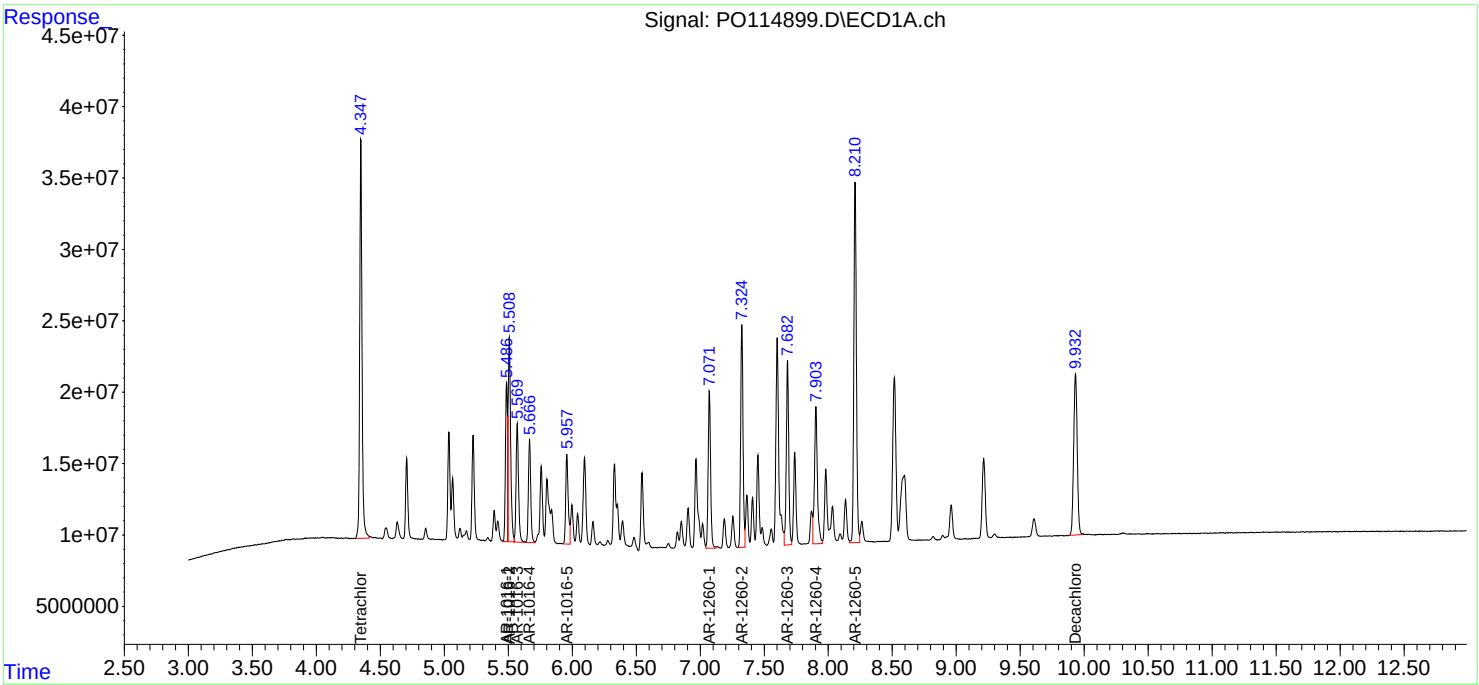
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

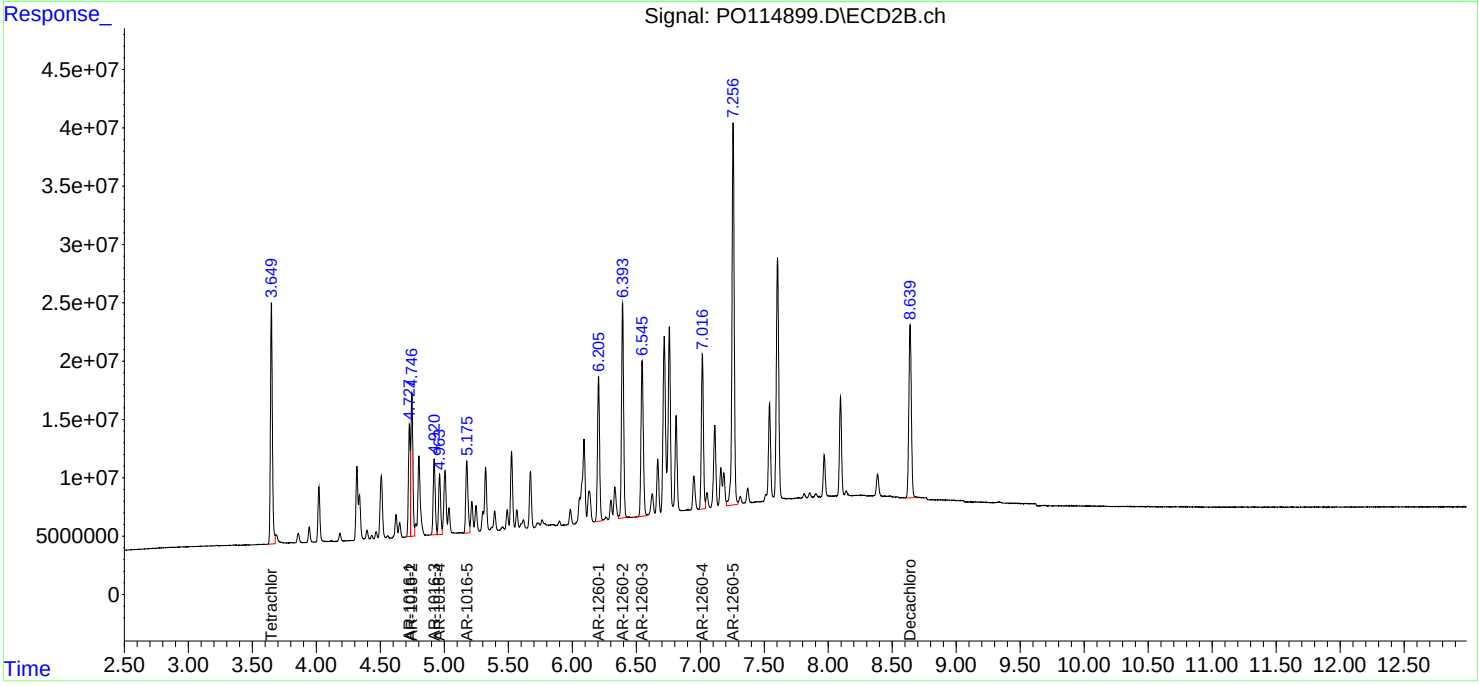
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 19:08
Operator : YP/AJ
Sample : PO110425ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

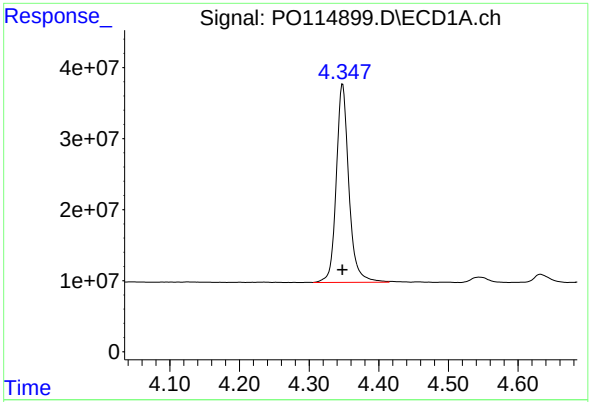
Instrument :
ECD_O
ClientSampleId :
ICVPO110425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 02:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 02:02:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



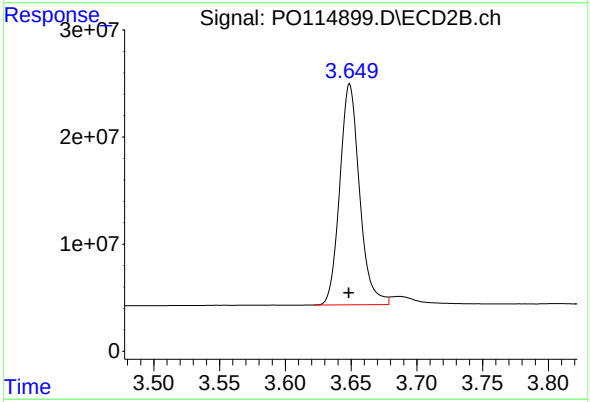




#1 Tetrachloro-m-xylene

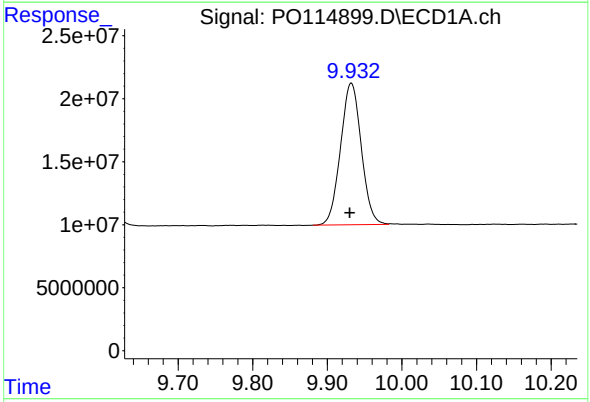
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 350620388
Conc: 49.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



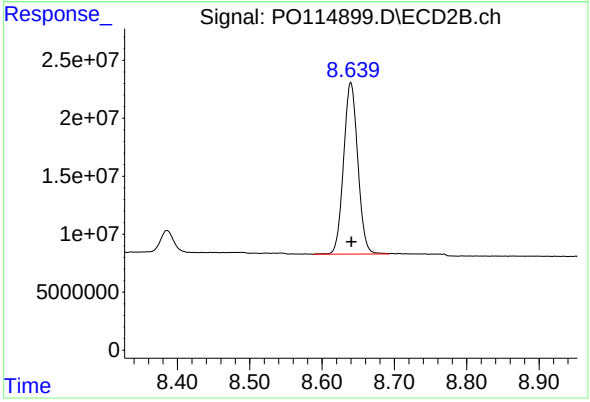
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 216005415
Conc: 48.36 ng/ml



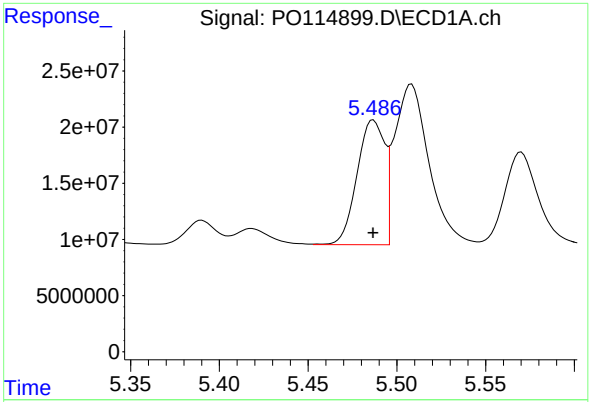
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.002 min
Response: 217232315
Conc: 49.14 ng/ml



#2 Decachlorobiphenyl

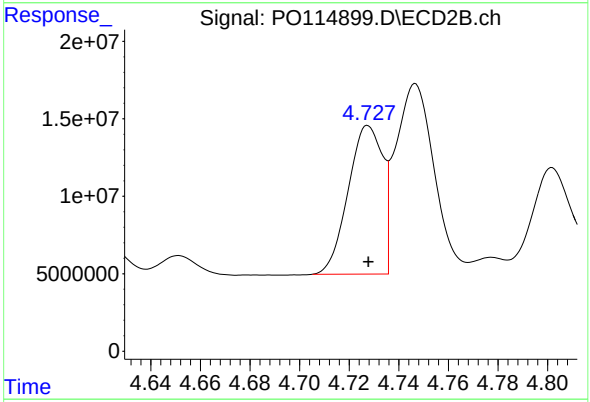
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 201993040
Conc: 51.74 ng/ml



#3 AR-1016-1

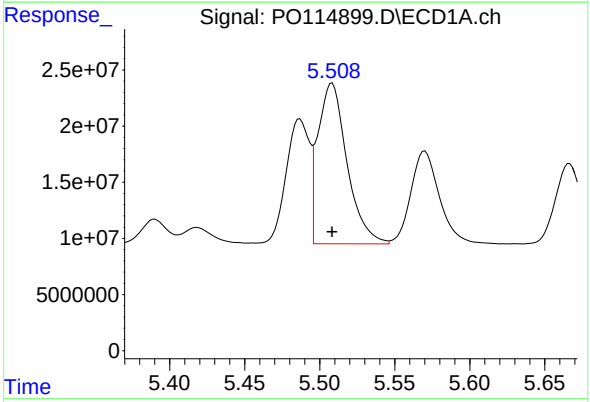
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 119880765
Conc: 487.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



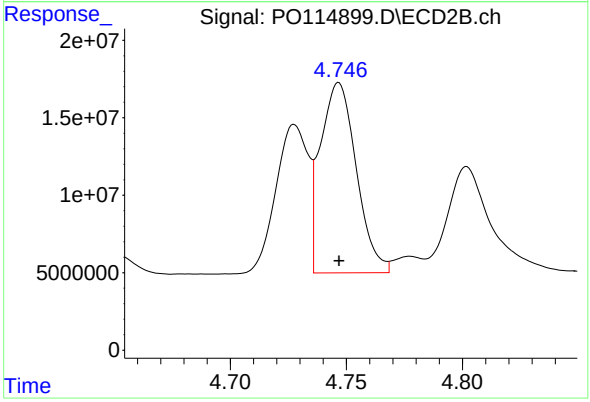
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 92647170
Conc: 486.96 ng/ml



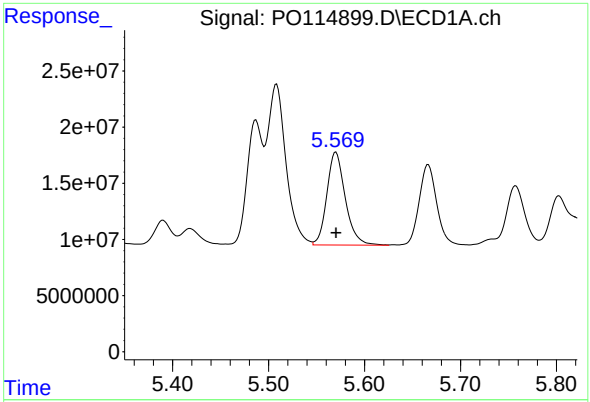
#4 AR-1016-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 192951994
Conc: 485.94 ng/ml



#4 AR-1016-2

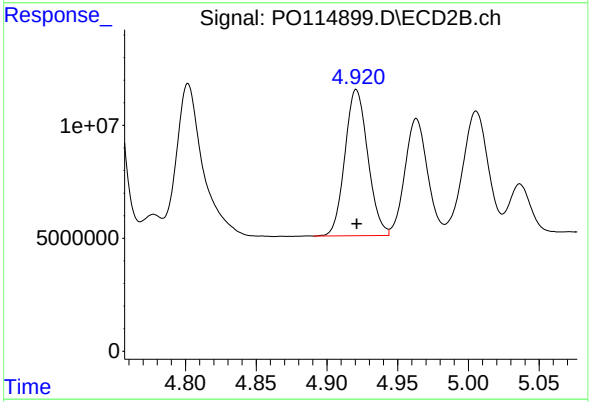
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 132351729
Conc: 488.63 ng/ml



#5 AR-1016-3

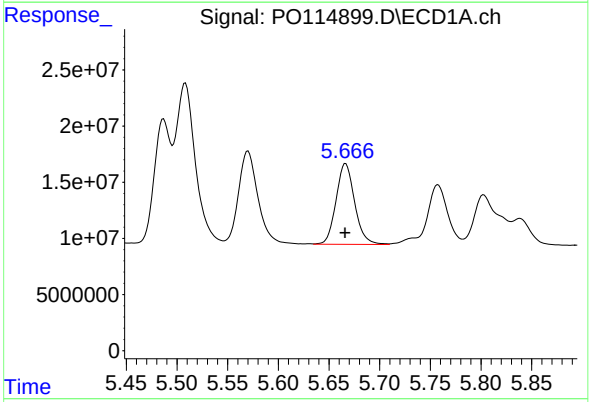
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 110662386
Conc: 496.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



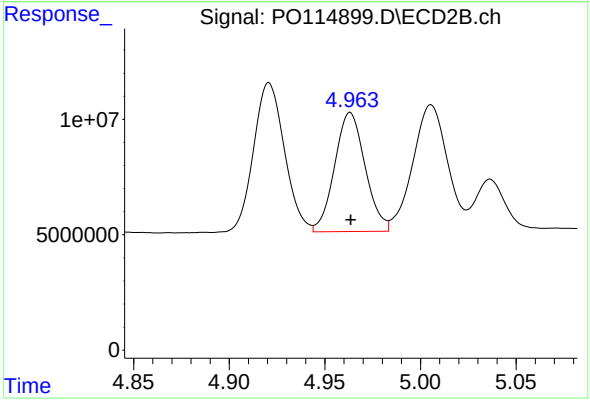
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 72980433
Conc: 493.20 ng/ml



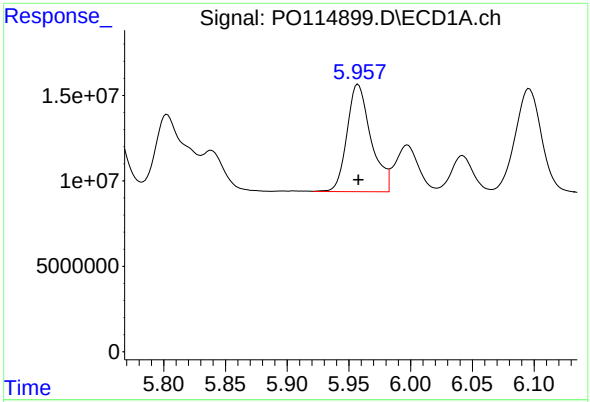
#6 AR-1016-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 92089690
Conc: 487.57 ng/ml



#6 AR-1016-4

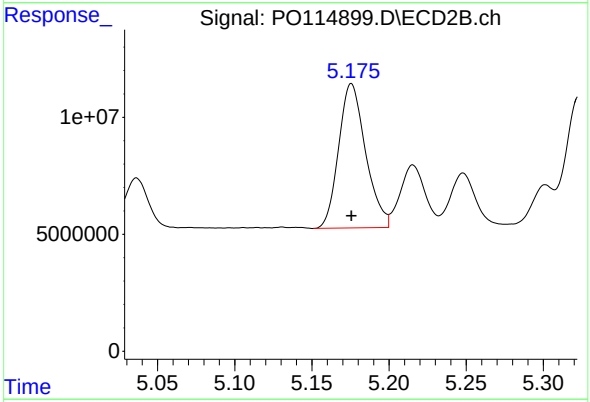
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 57444659
Conc: 489.23 ng/ml



#7 AR-1016-5

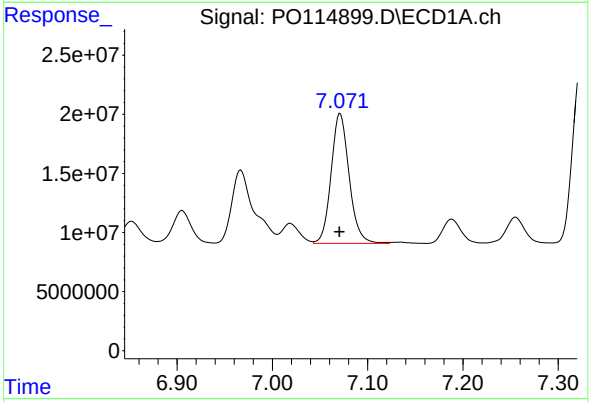
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 84866211
Conc: 476.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



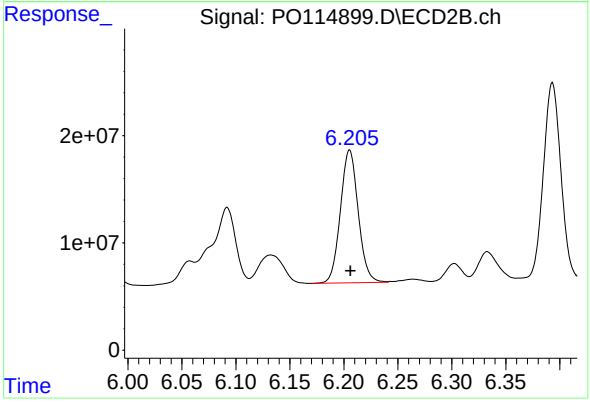
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 74982175
Conc: 491.00 ng/ml



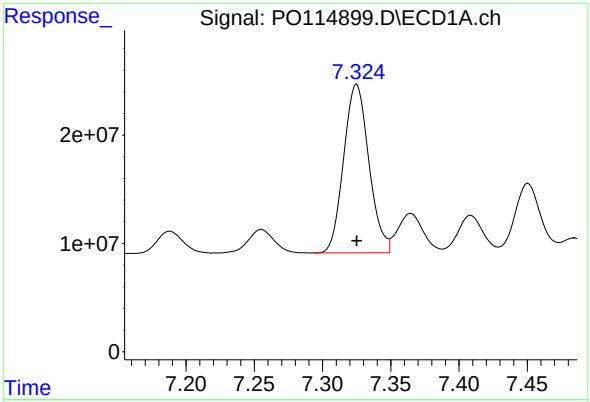
#31 AR-1260-1

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 144666874
Conc: 473.33 ng/ml



#31 AR-1260-1

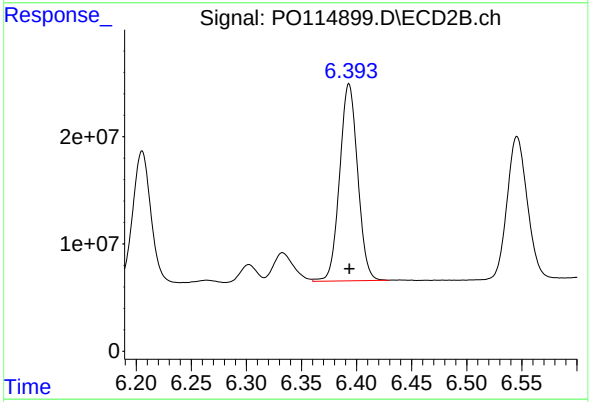
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 141888906
Conc: 479.18 ng/ml



#32 AR-1260-2

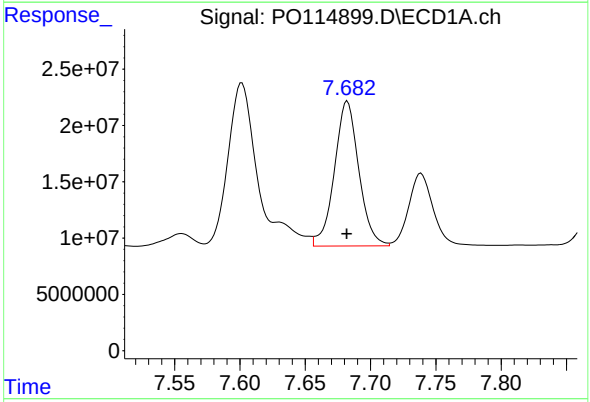
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 200178596
Conc: 505.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



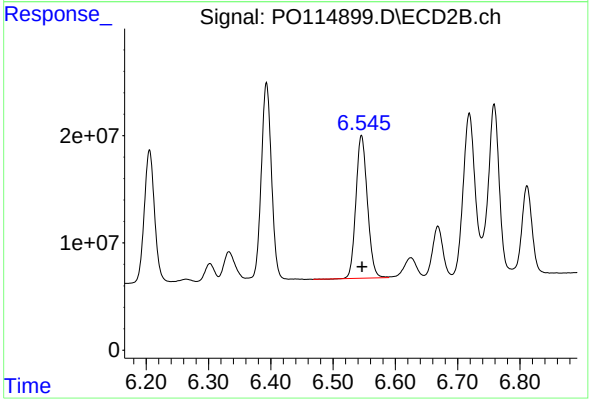
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 209039332
Conc: 486.10 ng/ml



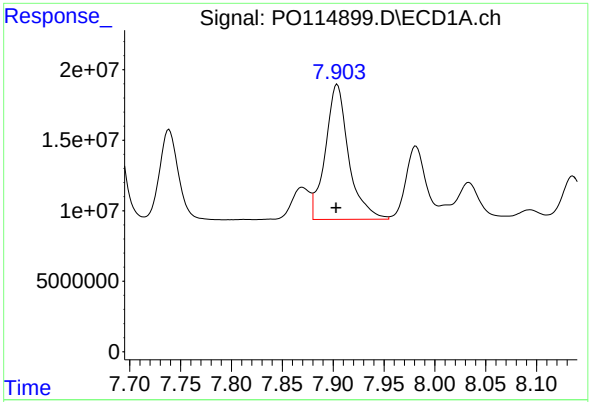
#33 AR-1260-3

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 167478991
Conc: 504.73 ng/ml



#33 AR-1260-3

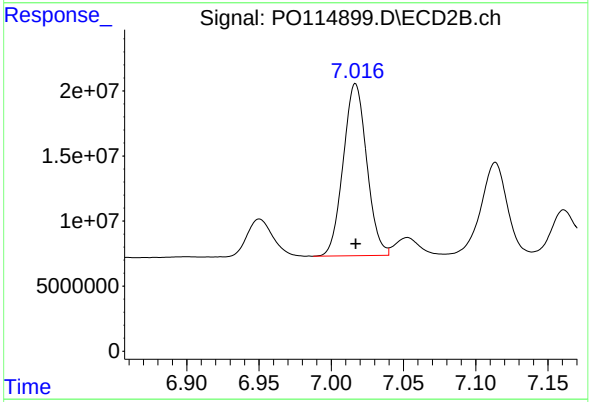
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 170305191
Conc: 484.99 ng/ml



#34 AR-1260-4

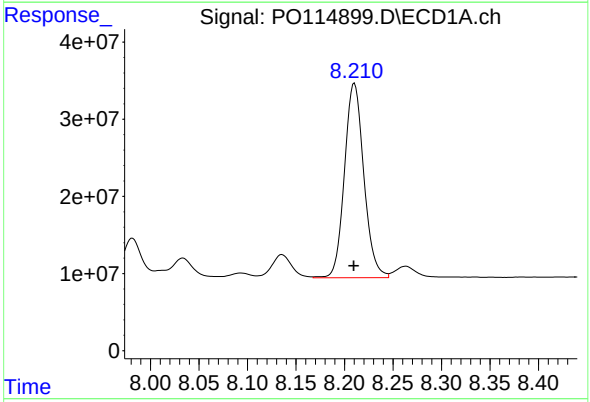
R.T.: 7.904 min
Delta R.T.: 0.001 min
Response: 152702007
Conc: 500.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



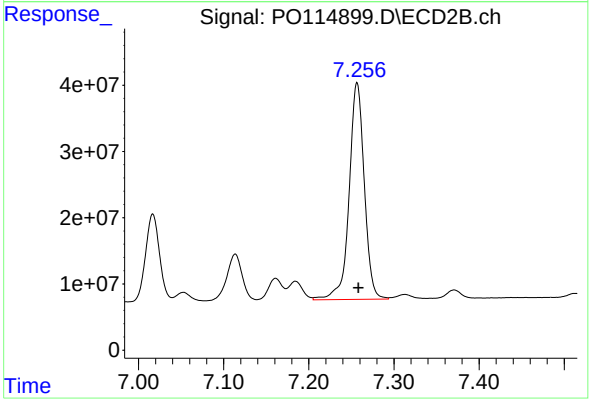
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 150003192
Conc: 495.01 ng/ml



#35 AR-1260-5

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 350120826
Conc: 490.90 ng/ml



#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 404424819
Conc: 492.22 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 20:21
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:57:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:57:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	369.9E6	227.0E6	50.980	48.485
2)	SA Decachlor...	9.932	8.639	237.1E6	216.0E6	50.883	50.180
	Target Compounds						
16)	L4 AR-1242-1	5.486	4.727	91685645	72678150	492.296m	497.041
17)	L4 AR-1242-2	5.508	4.747	146.5E6	102.4E6	490.193m	494.324
18)	L4 AR-1242-3	5.570	4.921	84401159	56402697	492.512m	503.697
19)	L4 AR-1242-4	5.666	5.005	70483519	53471210	492.260m	499.119
20)	L4 AR-1242-5	6.393	5.525	75170815	70192007	533.288	491.136

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 20:21
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

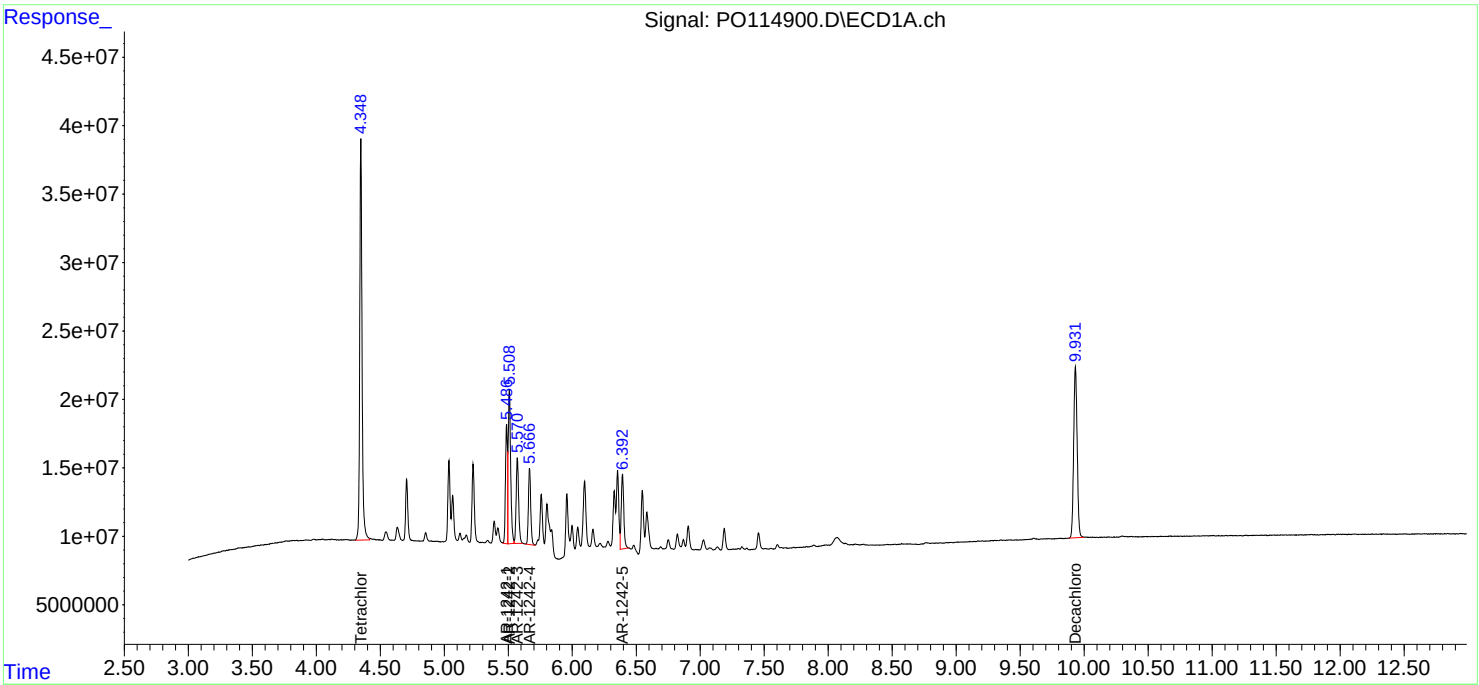
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

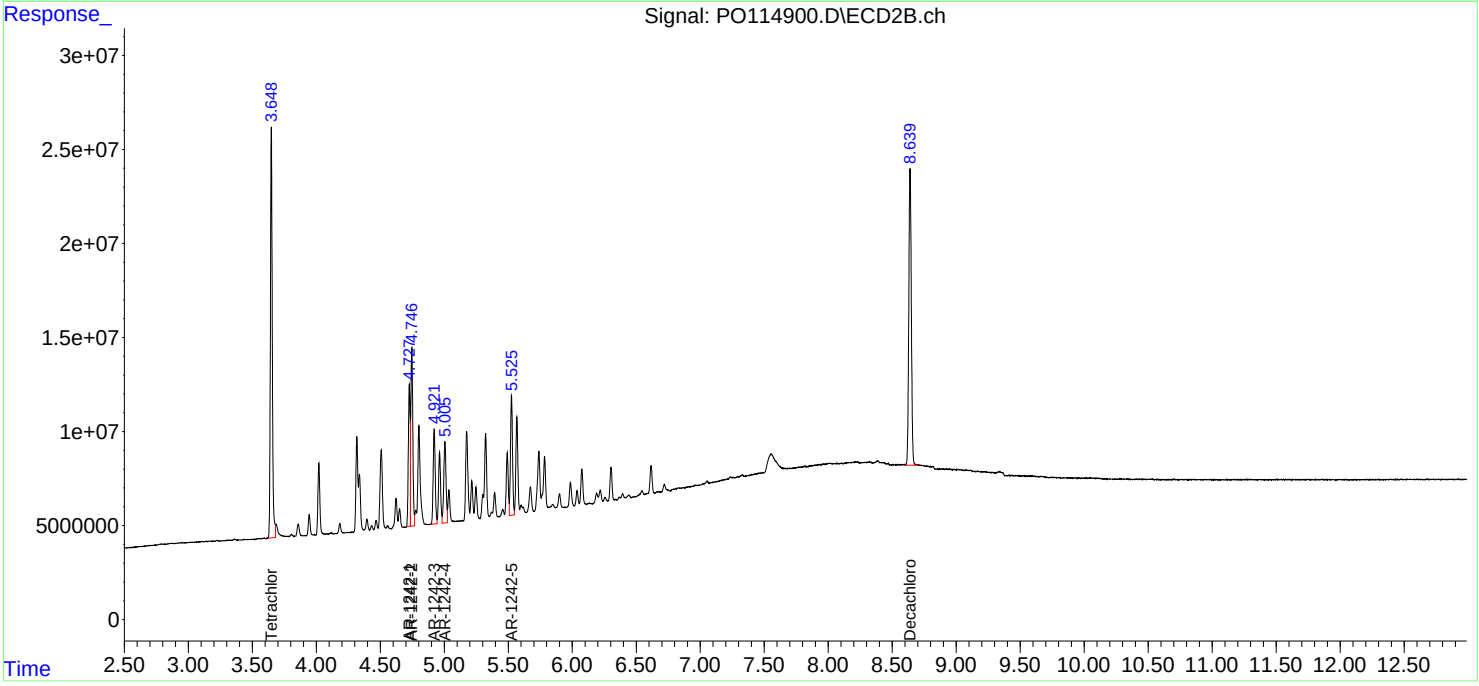
Manual Integrations APPROVED

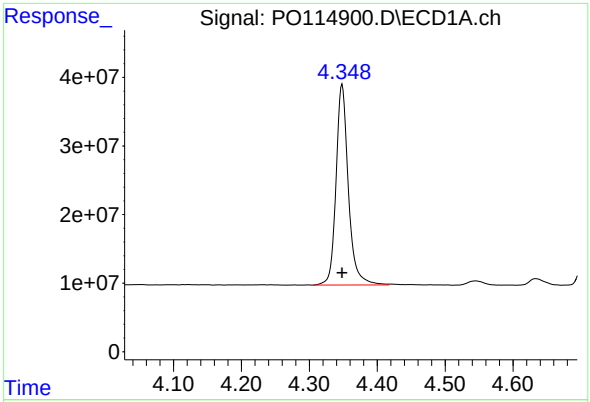
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:57:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:57:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







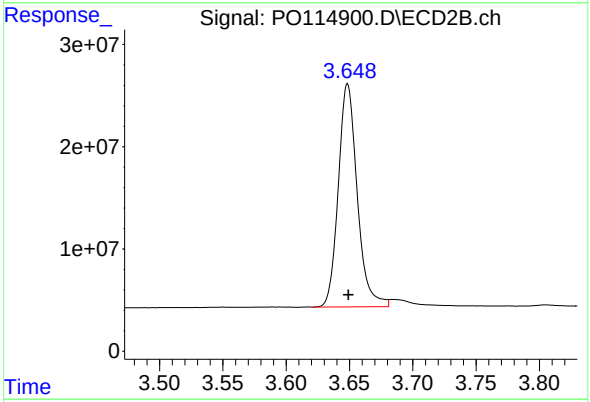
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 369940688
Conc: 50.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

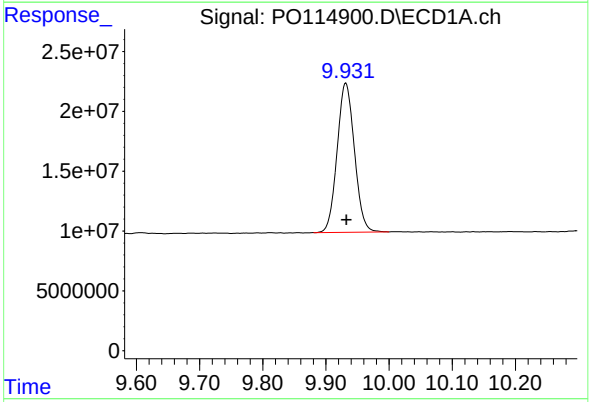
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



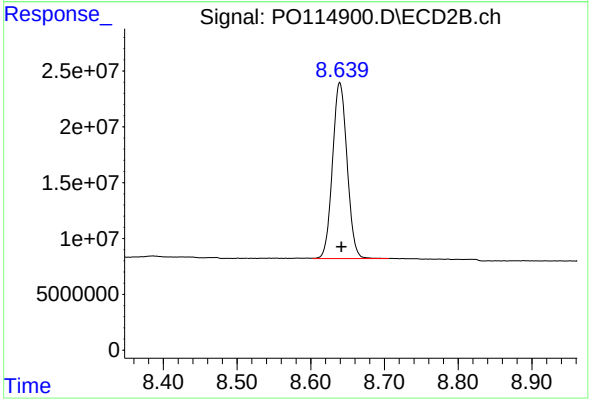
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 227000941
Conc: 48.49 ng/ml



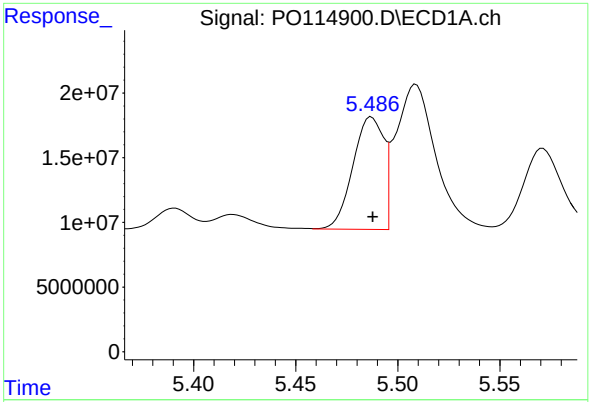
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 237111251
Conc: 50.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.639 min
Delta R.T.: -0.002 min
Response: 215958760
Conc: 50.18 ng/ml



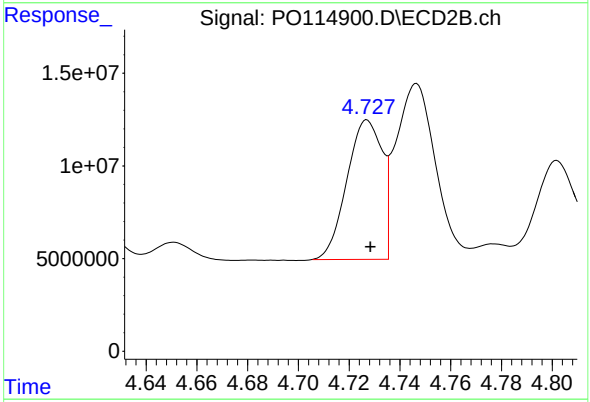
#16 AR-1242-1

R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 91685645
Conc: 492.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

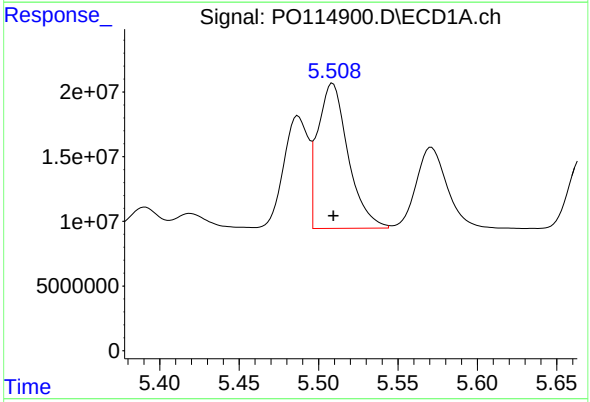
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



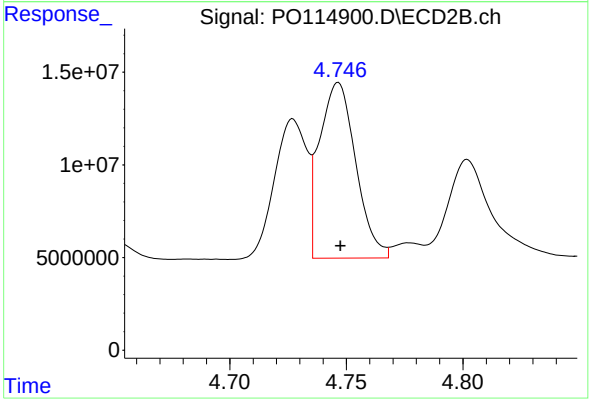
#16 AR-1242-1

R.T.: 4.727 min
Delta R.T.: -0.001 min
Response: 72678150
Conc: 497.04 ng/ml



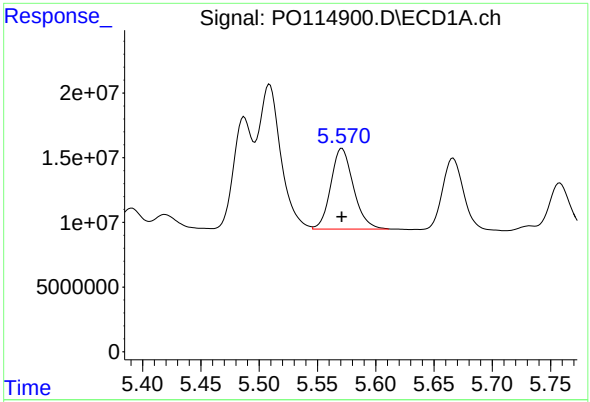
#17 AR-1242-2

R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 146457912
Conc: 490.19 ng/ml m



#17 AR-1242-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 102398168
Conc: 494.32 ng/ml



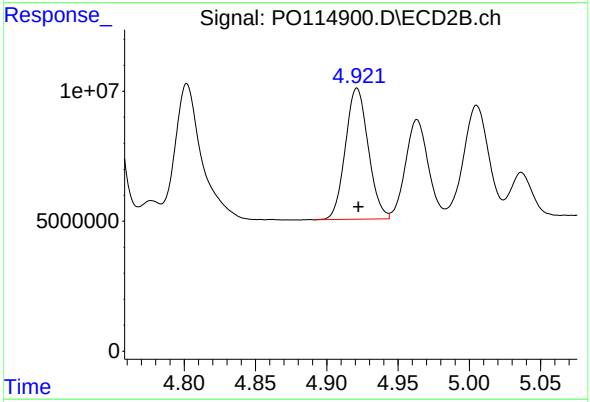
#18 AR-1242-3

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 84401159
Conc: 492.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

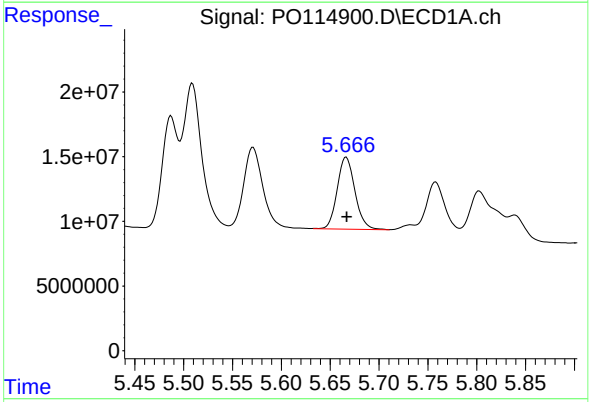
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



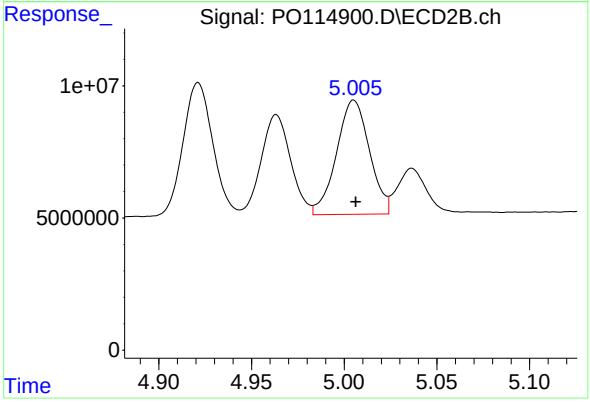
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 56402697
Conc: 503.70 ng/ml



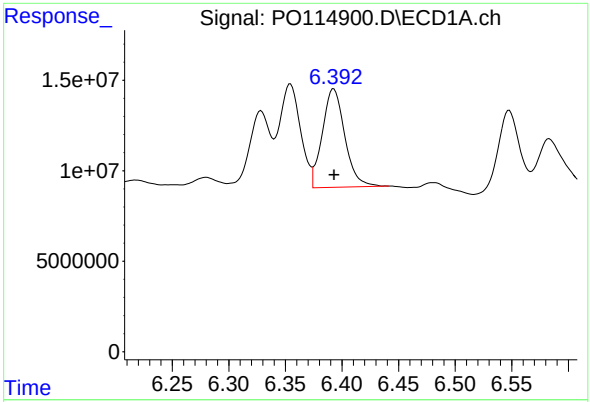
#19 AR-1242-4

R.T.: 5.666 min
Delta R.T.: -0.001 min
Response: 70483519
Conc: 492.26 ng/ml m



#19 AR-1242-4

R.T.: 5.005 min
Delta R.T.: -0.001 min
Response: 53471210
Conc: 499.12 ng/ml



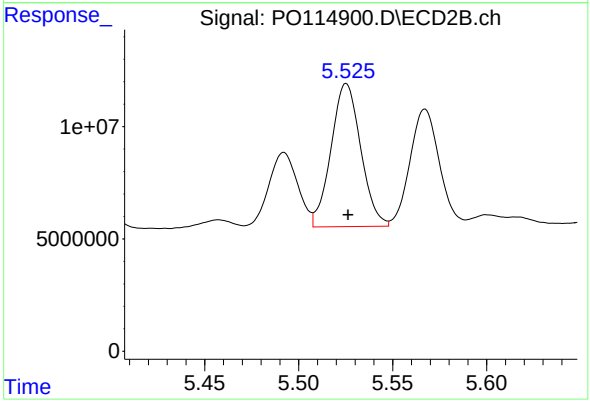
#20 AR-1242-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 75170815
Conc: 533.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



#20 AR-1242-5

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 70192007
Conc: 491.14 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 20:58
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:49:02 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	364.4E6	233.5E6	49.370	48.616
2)	SA Decachlor...	9.931	8.640	231.0E6	213.4E6	50.545	50.607
	Target Compounds						
21)	L5 AR-1248-1	5.487	4.727	67941811	53066852	485.834	485.472
22)	L5 AR-1248-2	5.758	4.963	96189175	72201389	494.605	484.897
23)	L5 AR-1248-3	5.958	5.005	104.8E6	75367544	497.247	484.966
24)	L5 AR-1248-4	6.354	5.175	125.7E6	89630325	497.795	489.109
25)	L5 AR-1248-5	6.393	5.567	118.0E6	89347145	500.480	484.717

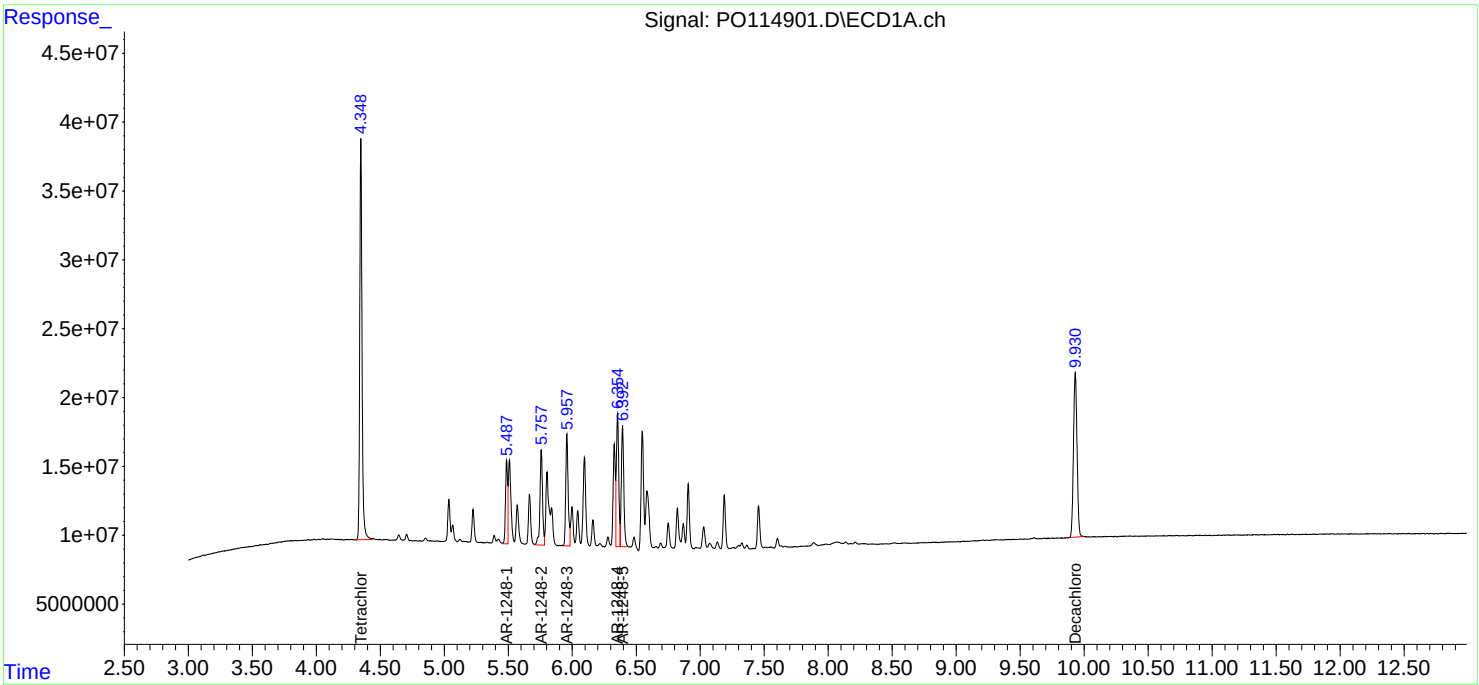
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

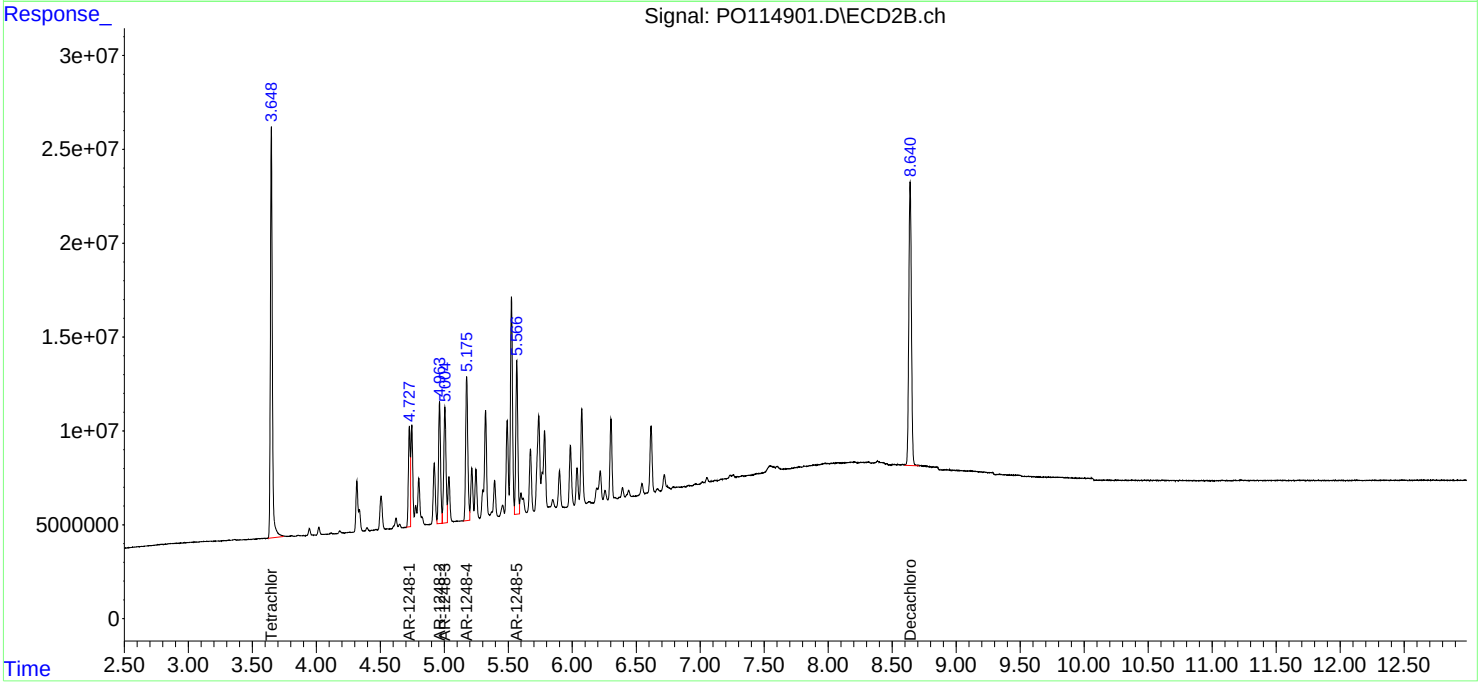
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 20:58
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

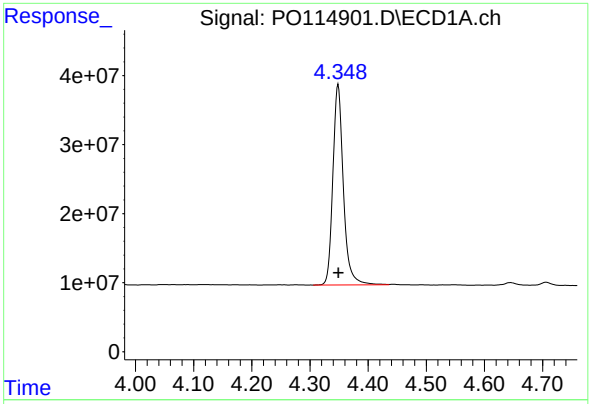
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:49:02 2025
Response via : Initial Calibration
Integrator: ChemStation

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



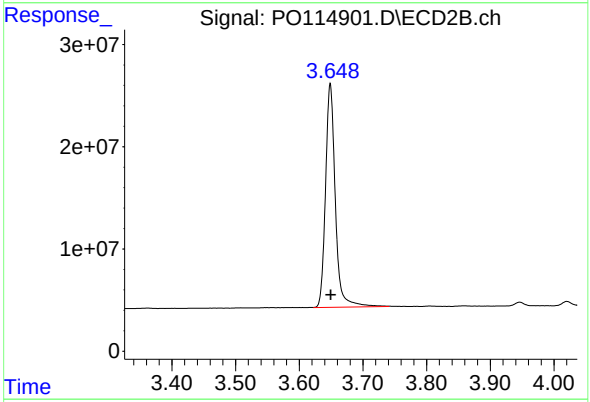




#1 Tetrachloro-m-xylene

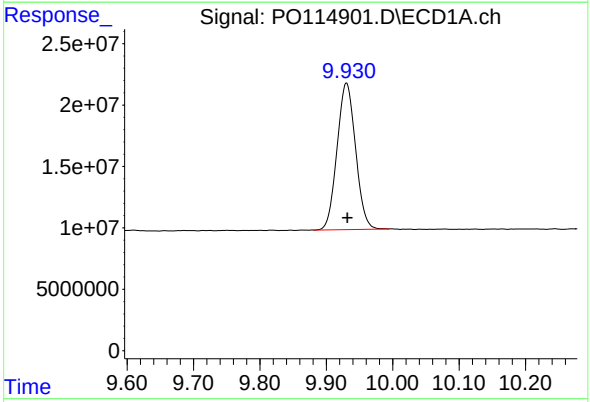
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 364435465
Conc: 49.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



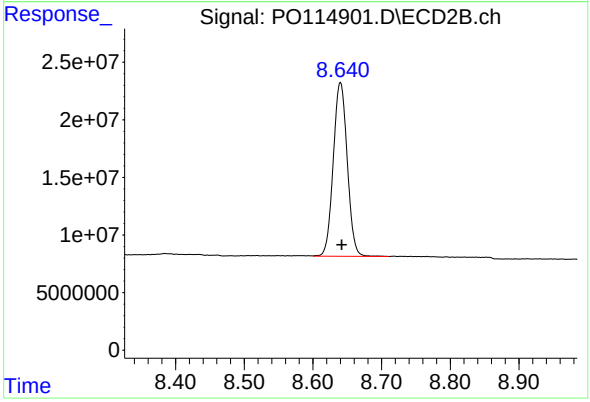
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 233535834
Conc: 48.62 ng/ml



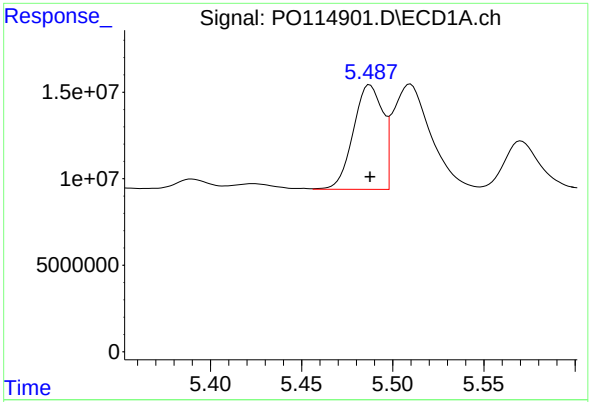
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 231042447
Conc: 50.55 ng/ml



#2 Decachlorobiphenyl

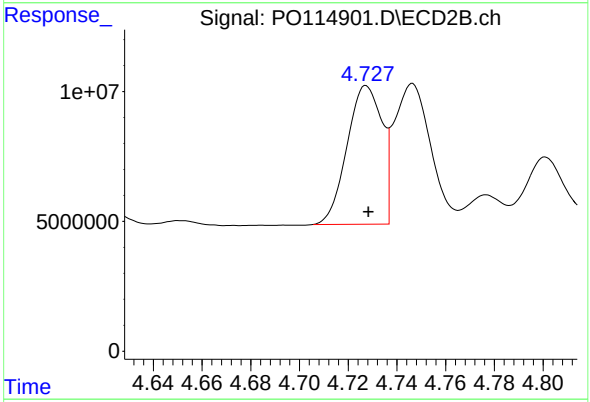
R.T.: 8.640 min
Delta R.T.: -0.002 min
Response: 213360449
Conc: 50.61 ng/ml



#21 AR-1248-1

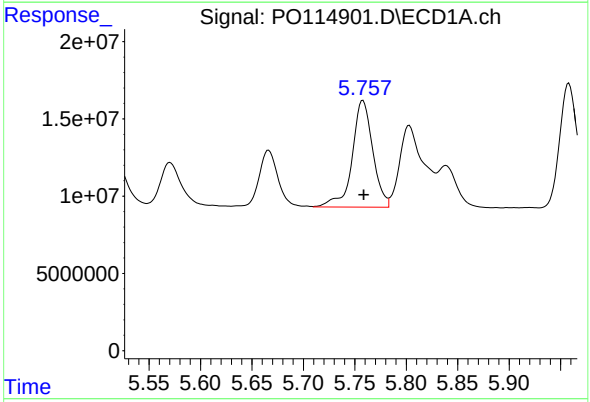
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 67941811
Conc: 485.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



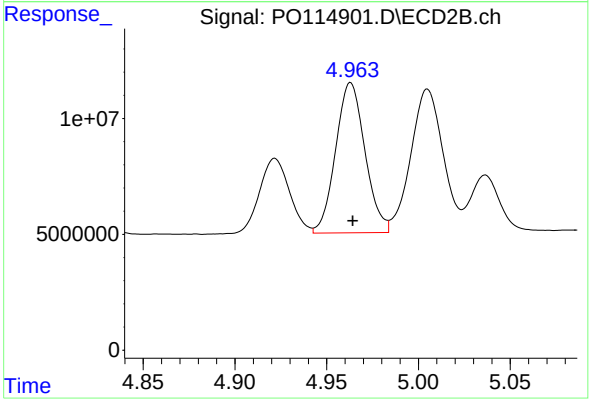
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 53066852
Conc: 485.47 ng/ml



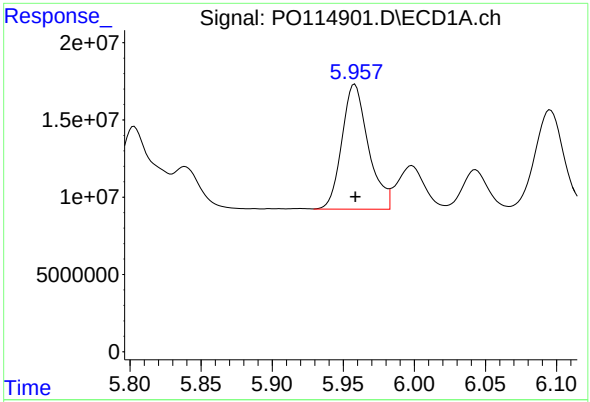
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 96189175
Conc: 494.60 ng/ml



#22 AR-1248-2

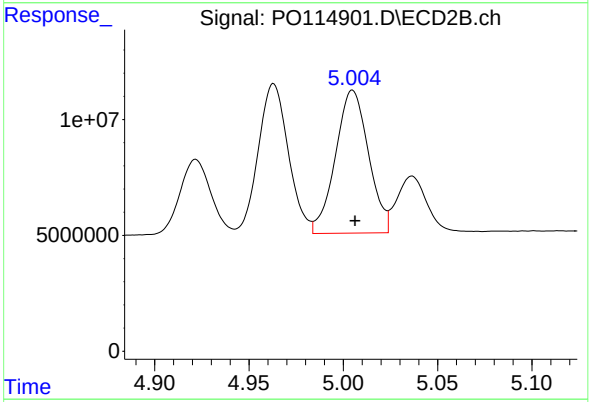
R.T.: 4.963 min
Delta R.T.: -0.001 min
Response: 72201389
Conc: 484.90 ng/ml



#23 AR-1248-3

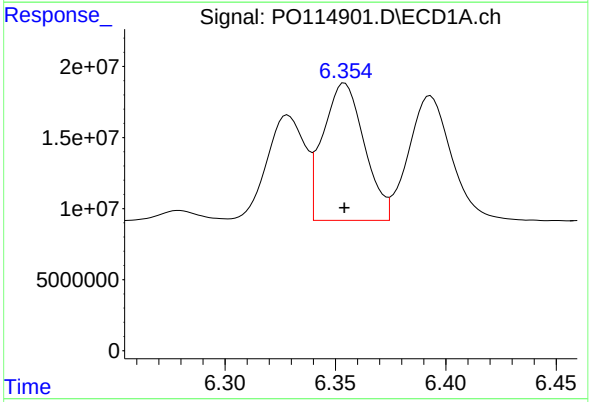
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 104836977
Conc: 497.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



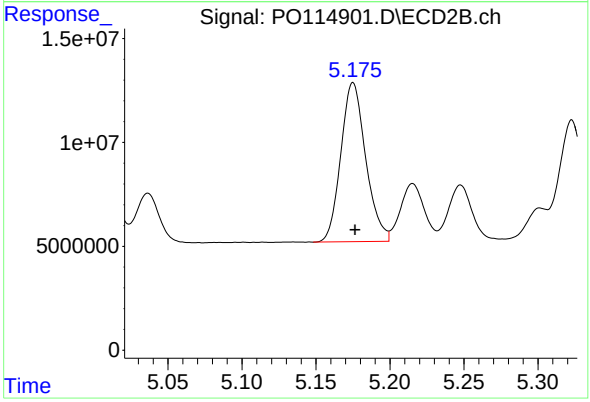
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: -0.001 min
Response: 75367544
Conc: 484.97 ng/ml



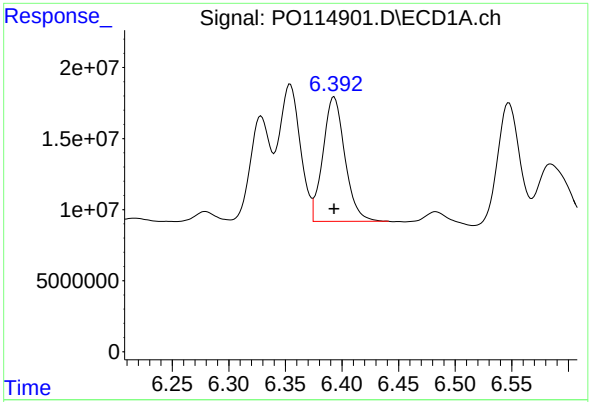
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 125740141
Conc: 497.80 ng/ml



#24 AR-1248-4

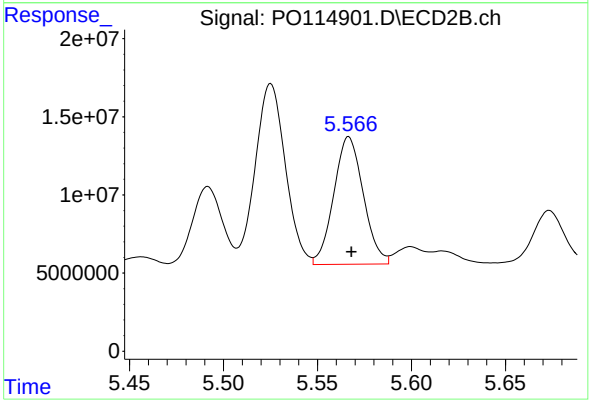
R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 89630325
Conc: 489.11 ng/ml



#25 AR-1248-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 117998212
Conc: 500.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: -0.001 min
Response: 89347145
Conc: 484.72 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 21:35
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:47:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:47:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.348	3.649	365.7E6	233.3E6	48.598	47.717
2)	SA Decachlor...	9.931	8.640	237.7E6	218.5E6	49.015	49.554
	Target Compounds						
26)	L6 AR-1254-1	6.331	5.526	122.7E6	141.2E6	484.213	470.374
27)	L6 AR-1254-2	6.546	5.673	176.1E6	124.6E6	475.284	462.124
28)	L6 AR-1254-3	6.906	6.075	193.7E6	200.1E6	503.340	473.848
29)	L6 AR-1254-4	7.188	6.302	159.9E6	143.9E6	486.428	484.000
30)	L6 AR-1254-5	7.603	6.719	147.9E6	190.6E6	490.023	479.436

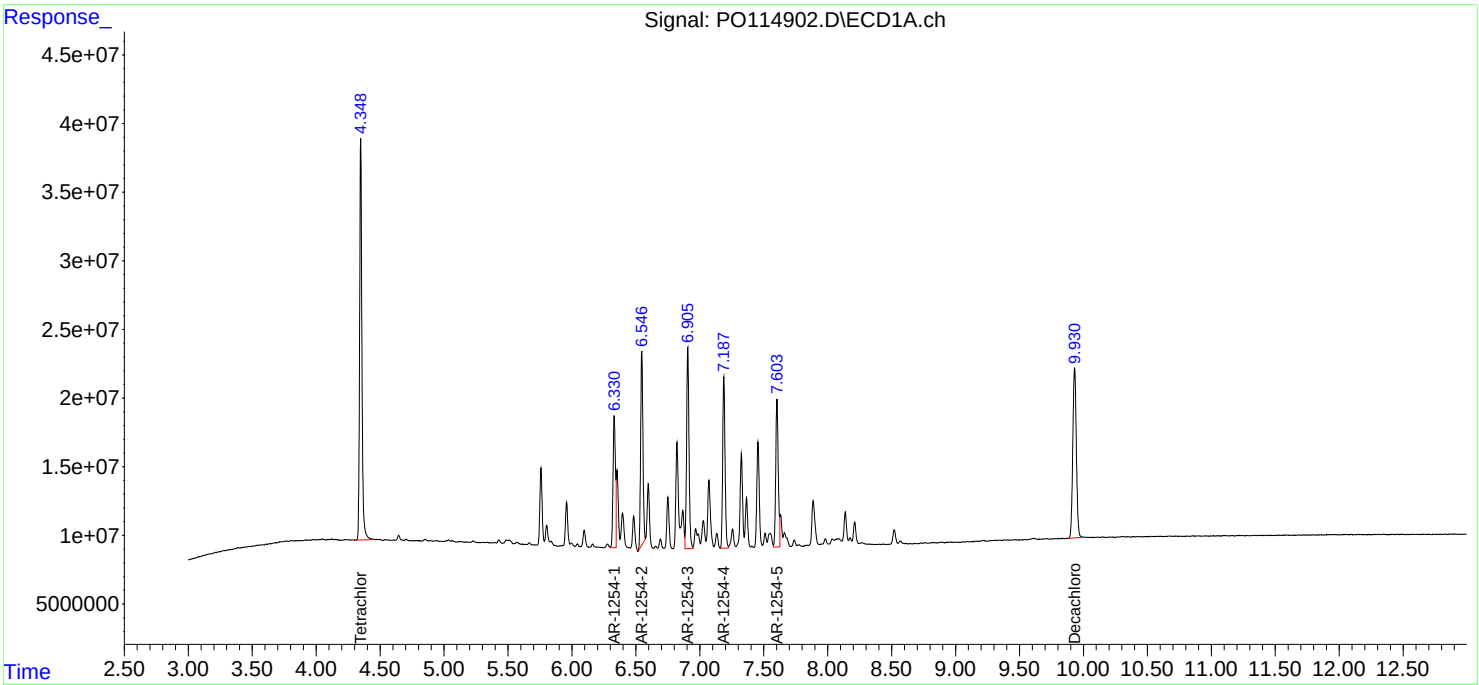
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

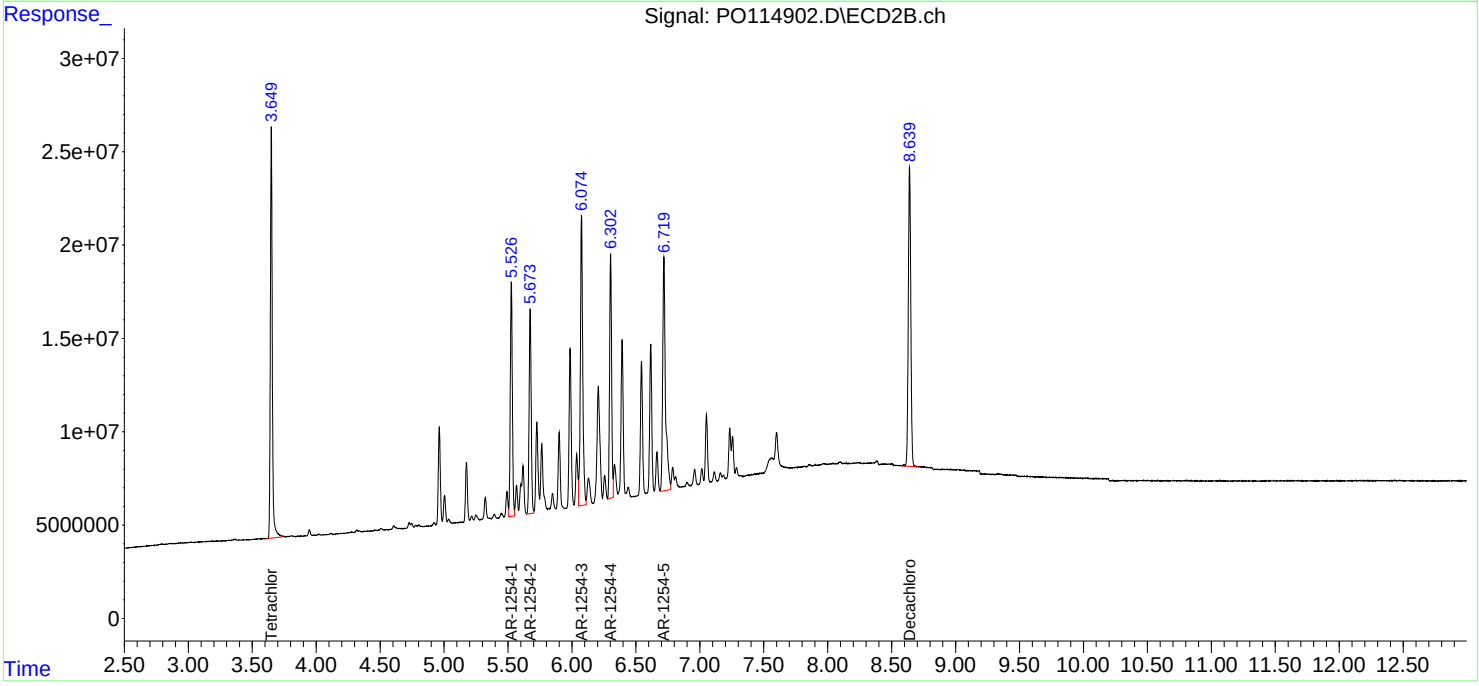
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 21:35
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

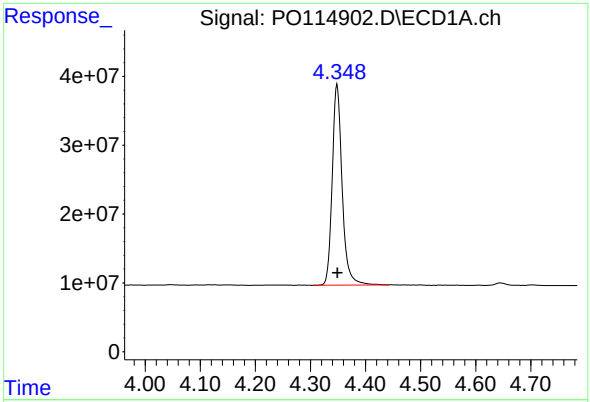
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:47:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:47:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



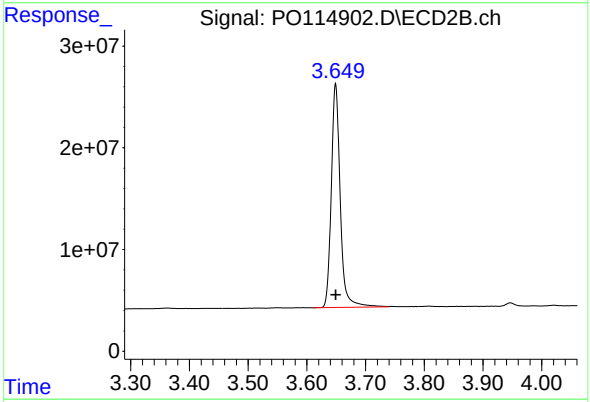




#1 Tetrachloro-m-xylene

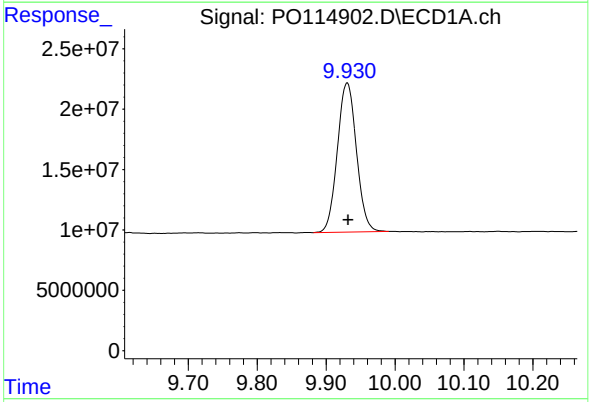
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 365740752
Conc: 48.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



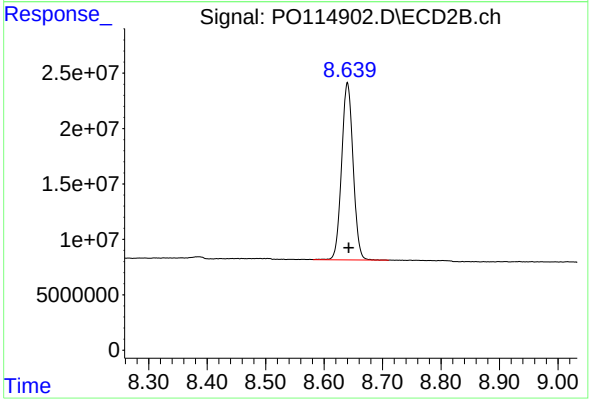
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 233257279
Conc: 47.72 ng/ml



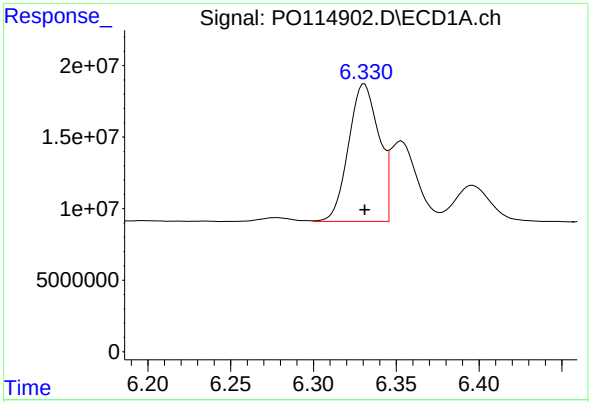
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 237660320
Conc: 49.01 ng/ml



#2 Decachlorobiphenyl

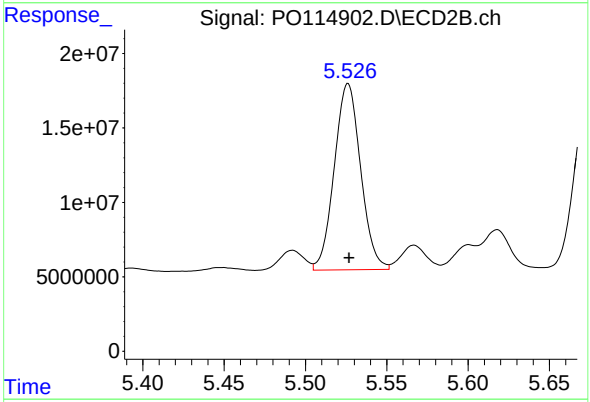
R.T.: 8.640 min
Delta R.T.: -0.002 min
Response: 218541206
Conc: 49.55 ng/ml



#26 AR-1254-1

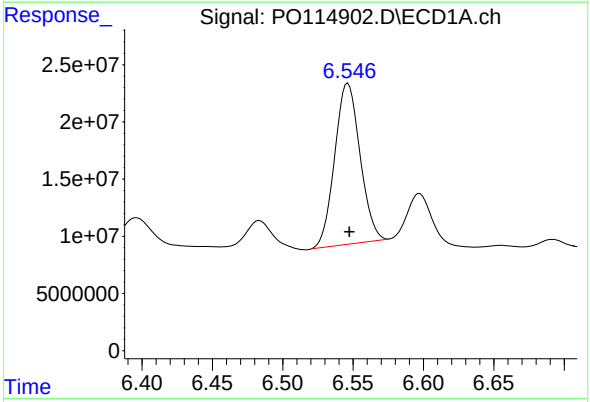
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 122713907
Conc: 484.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



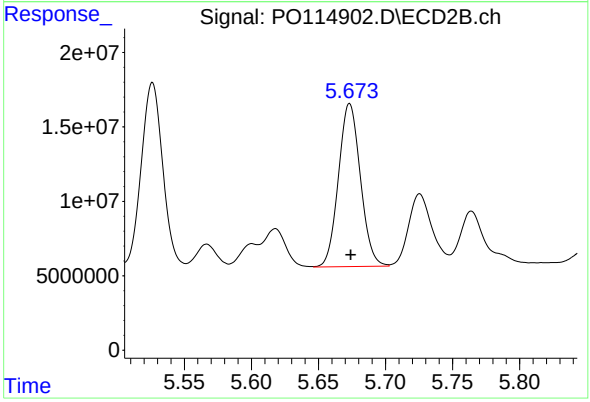
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 141196876
Conc: 470.37 ng/ml



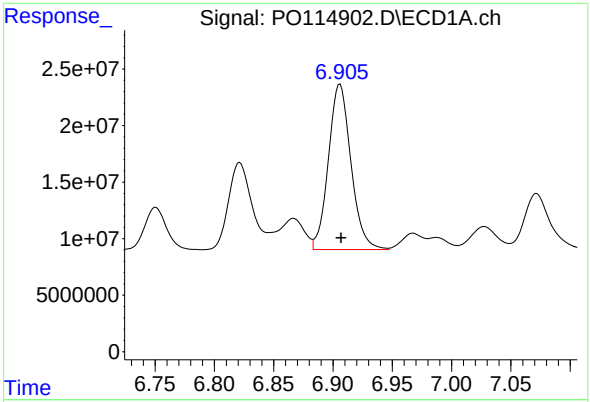
#27 AR-1254-2

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 176066475
Conc: 475.28 ng/ml



#27 AR-1254-2

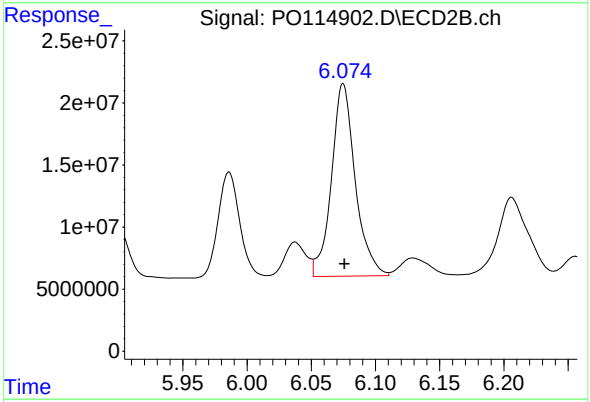
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 124592084
Conc: 462.12 ng/ml



#28 AR-1254-3

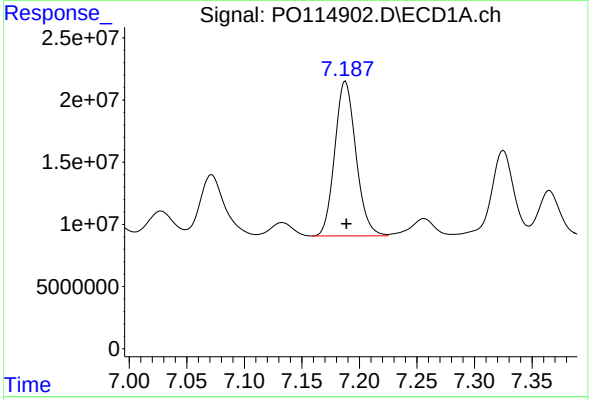
R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 193717557
Conc: 503.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



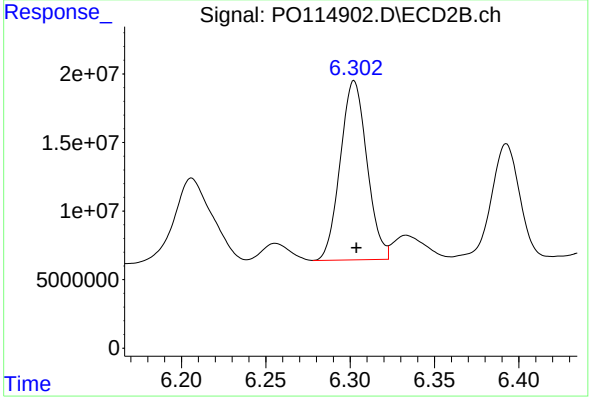
#28 AR-1254-3

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 200079895
Conc: 473.85 ng/ml



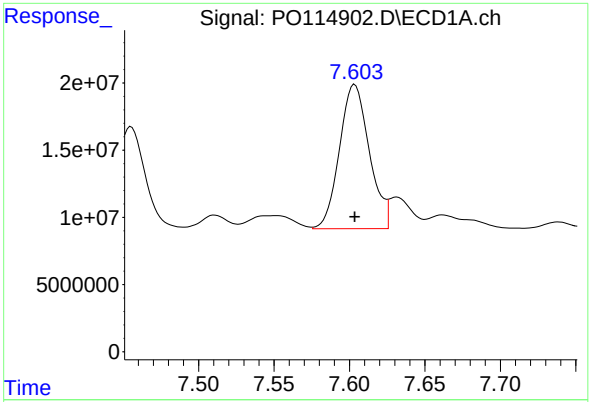
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 159896745
Conc: 486.43 ng/ml



#29 AR-1254-4

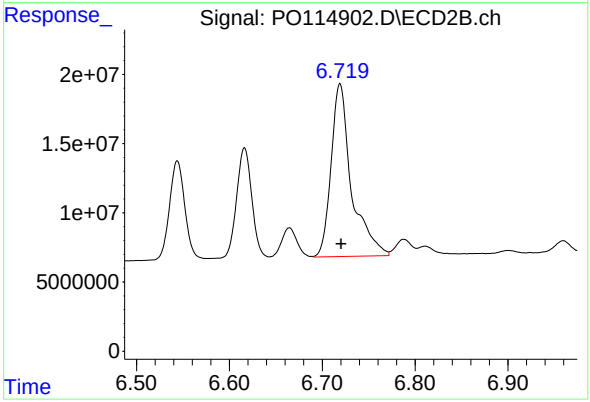
R.T.: 6.302 min
Delta R.T.: -0.001 min
Response: 143938671
Conc: 484.00 ng/ml



#30 AR-1254-5

R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 147914992
Conc: 490.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



#30 AR-1254-5

R.T.: 6.719 min
Delta R.T.: -0.001 min
Response: 190588271
Conc: 479.44 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 22:12
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:39:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:38:15 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...	4.347	3.647	376.8E6	240.7E6	50.252	49.688
2)	SA Decachlor...	9.929	8.640	416.0E6	381.0E6	50.328	49.259
	Target Compounds						
41)	L9 AR-1268-1	8.509	7.541	437.5E6	476.9E6	502.163	488.581
42)	L9 AR-1268-2	8.599	7.605	374.7E6	393.6E6	501.949	494.742
43)	L9 AR-1268-3	8.819	7.814	331.8E6	336.4E6	502.049	497.748
44)	L9 AR-1268-4	9.214	8.096	138.2E6	136.4E6	492.596	495.687
45)	L9 AR-1268-5	9.608	8.385	968.0E6	889.7E6	499.171	498.578

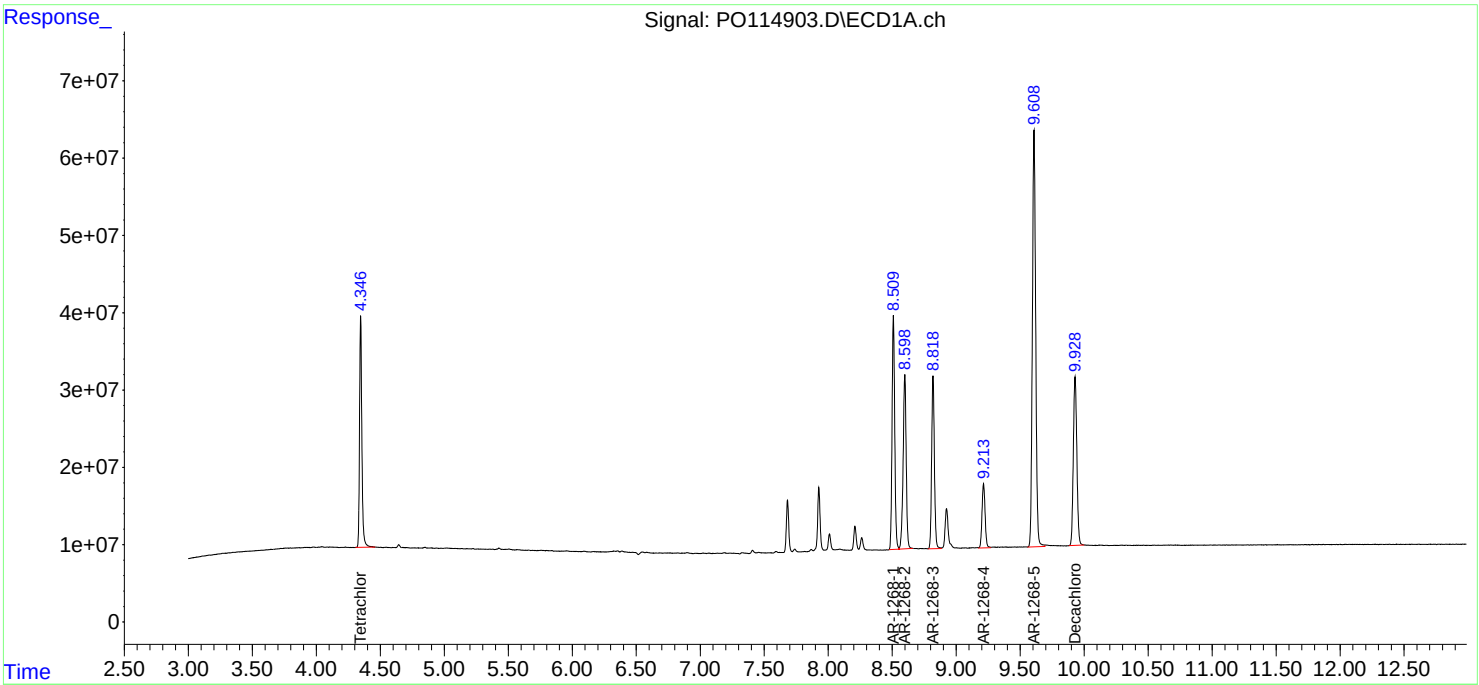
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

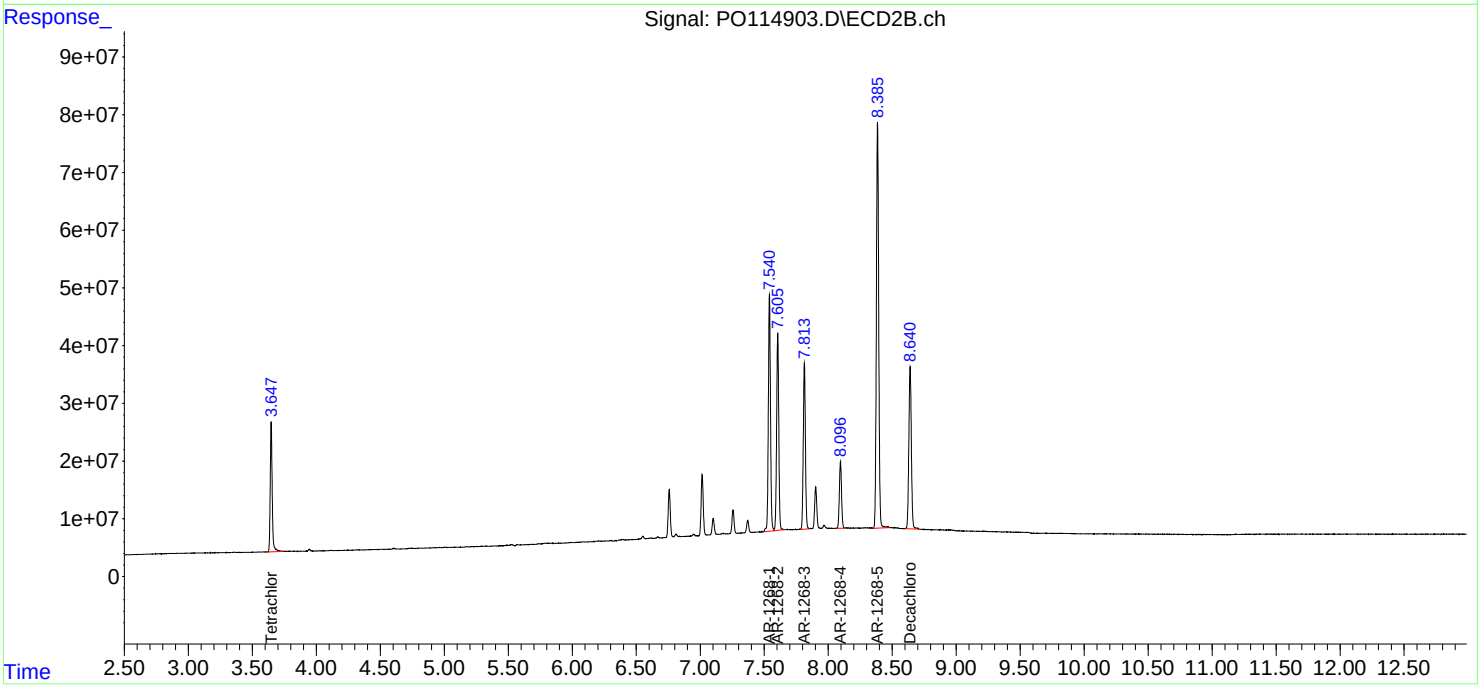
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 22:12
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

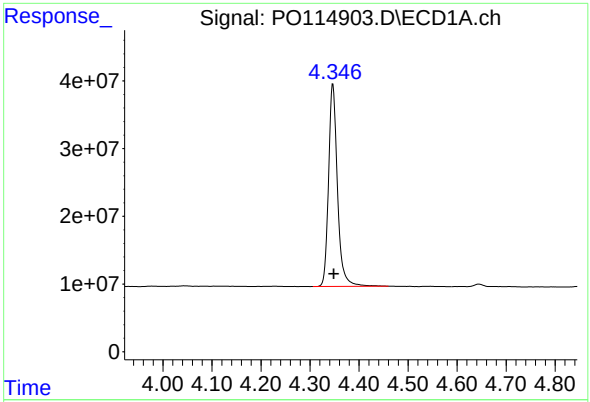
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:39:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:38:15 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



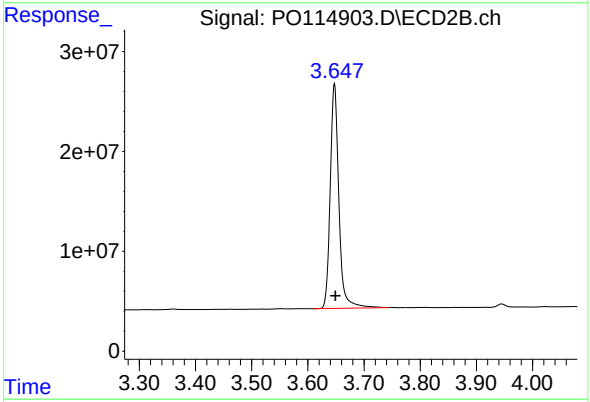




#1 Tetrachloro-m-xylene

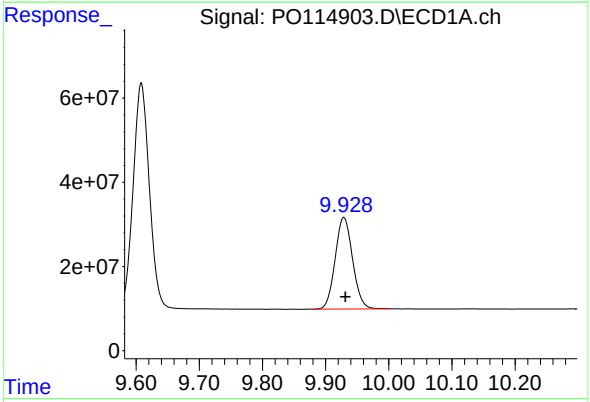
R.T.: 4.347 min
Delta R.T.: -0.001 min
Response: 376753838
Conc: 50.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



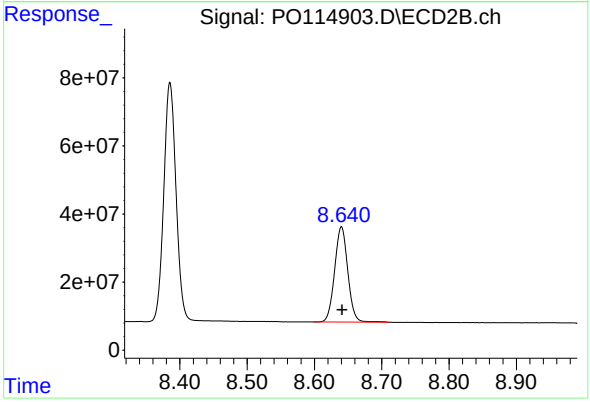
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 240662050
Conc: 49.69 ng/ml



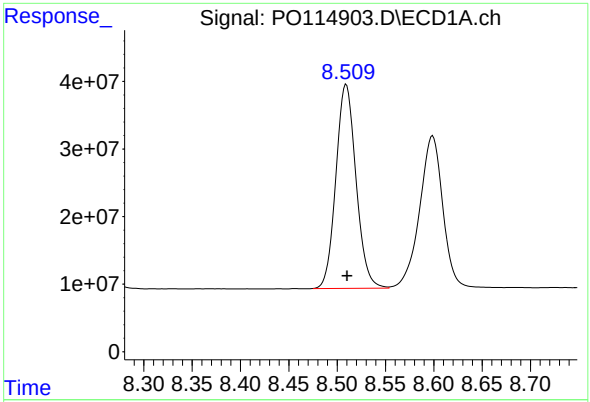
#2 Decachlorobiphenyl

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 416020793
Conc: 50.33 ng/ml



#2 Decachlorobiphenyl

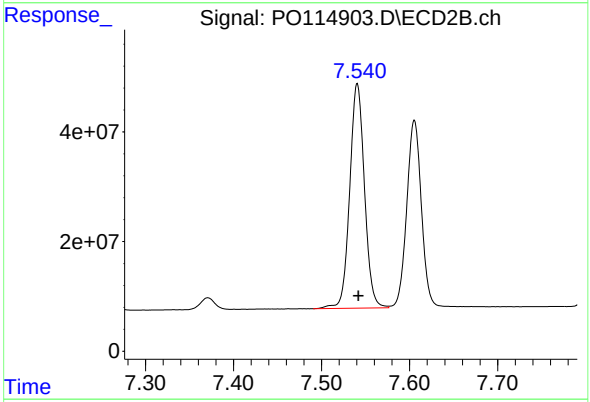
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 381040540
Conc: 49.26 ng/ml



#41 AR-1268-1

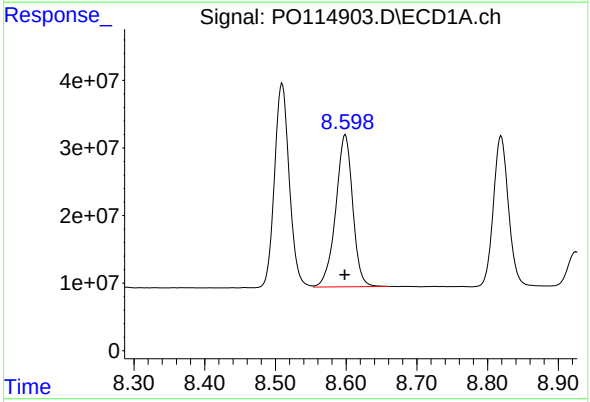
R.T.: 8.509 min
Delta R.T.: 0.000 min
Response: 437492291
Conc: 502.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



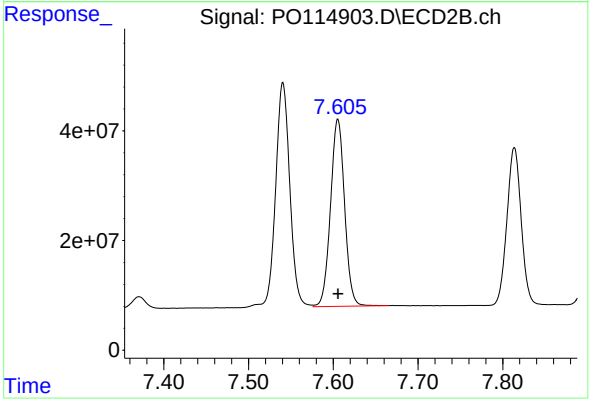
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 476916644
Conc: 488.58 ng/ml



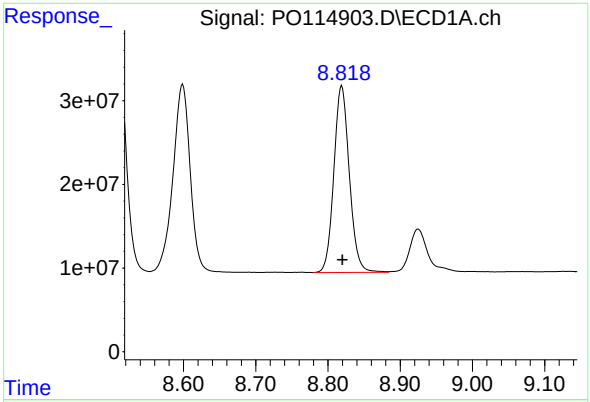
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 374746813
Conc: 501.95 ng/ml



#42 AR-1268-2

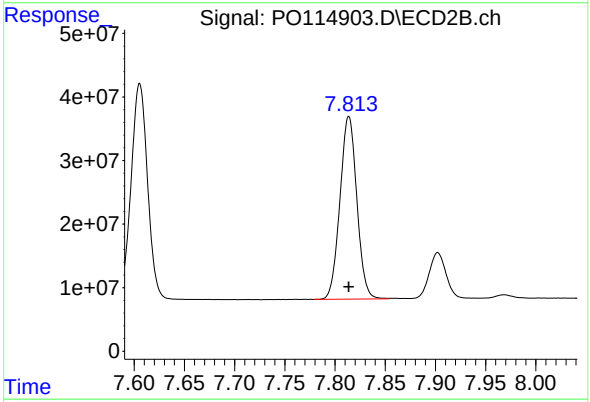
R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 393633612
Conc: 494.74 ng/ml



#43 AR-1268-3

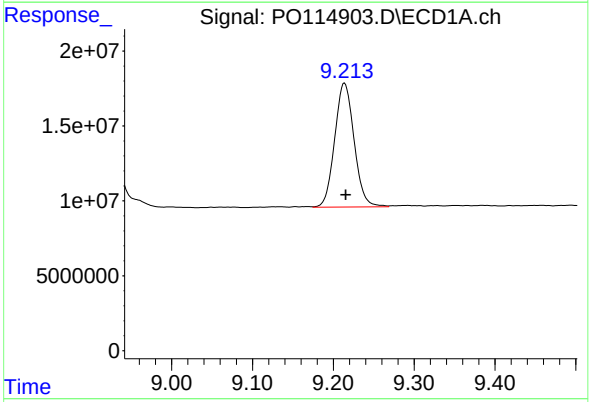
R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 331834539
Conc: 502.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



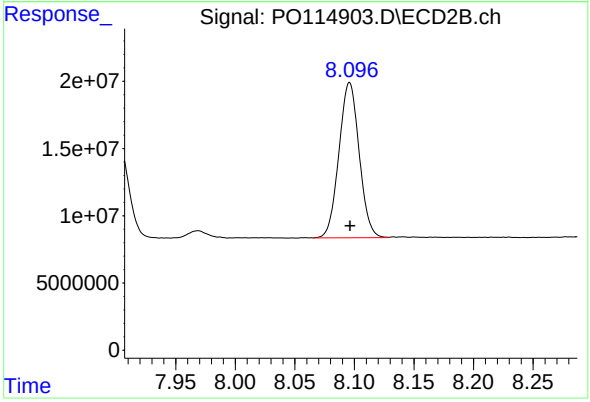
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 336364126
Conc: 497.75 ng/ml



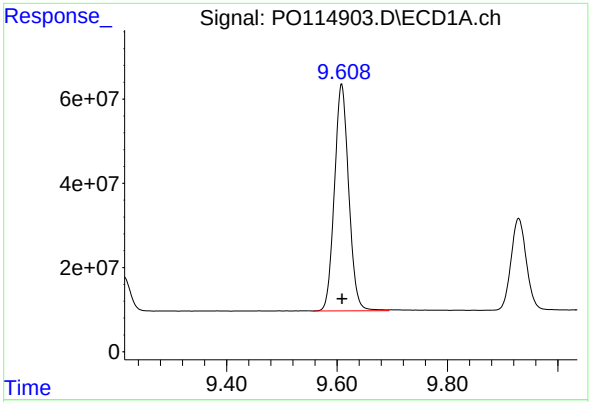
#44 AR-1268-4

R.T.: 9.214 min
Delta R.T.: -0.002 min
Response: 138219270
Conc: 492.60 ng/ml



#44 AR-1268-4

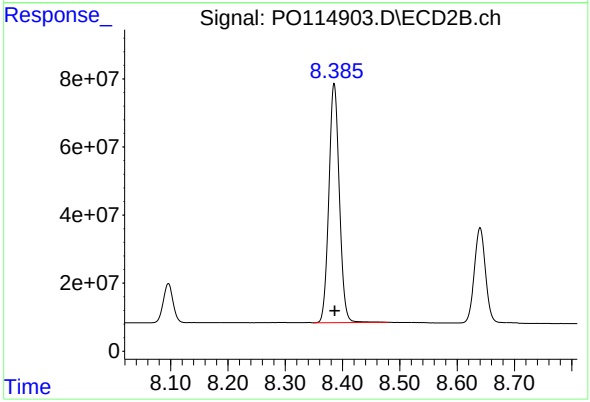
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 136446175
Conc: 495.69 ng/ml



#45 AR-1268-5

R.T.: 9.608 min
Delta R.T.: 0.000 min
Response: 967988594
Conc: 499.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: -0.001 min
Response: 889727718
Conc: 498.58 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 14:32 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.92	9.93	9.83	10.03	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 14:32 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115324.D **Time Analyzed:** 14:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.480	5.387	5.587	526.860	500.000	5.4
Aroclor-1016-2	5.502	5.408	5.608	520.910	500.000	4.2
Aroclor-1016-3	5.563	5.470	5.670	539.130	500.000	7.8
Aroclor-1016-4	5.658	5.566	5.766	516.940	500.000	3.4
Aroclor-1016-5	5.950	5.858	6.058	528.680	500.000	5.7
Aroclor-1260-1	7.063	6.971	7.171	518.970	500.000	3.8
Aroclor-1260-2	7.318	7.225	7.425	554.590	500.000	10.9
Aroclor-1260-3	7.674	7.582	7.782	537.980	500.000	7.6
Aroclor-1260-4	7.896	7.803	8.003	519.110	500.000	3.8
Aroclor-1260-5	8.202	8.110	8.310	523.890	500.000	4.8
Decachlorobiphenyl	9.920	9.830	10.030	54.080	50.000	8.2
Tetrachloro-m-xylene	4.341	4.248	4.448	54.550	50.000	9.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115324.D **Time Analyzed:** 14:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.720	4.628	4.828	523.850	500.000	4.8
Aroclor-1016-2	4.739	4.647	4.847	523.880	500.000	4.8
Aroclor-1016-3	4.914	4.821	5.021	524.800	500.000	5.0
Aroclor-1016-4	4.955	4.864	5.064	507.740	500.000	1.5
Aroclor-1016-5	5.168	5.076	5.276	564.920	500.000	13.0
Aroclor-1260-1	6.197	6.106	6.306	481.310	500.000	-3.7
Aroclor-1260-2	6.385	6.294	6.494	461.930	500.000	-7.6
Aroclor-1260-3	6.538	6.446	6.646	465.230	500.000	-7.0
Aroclor-1260-4	7.008	6.917	7.117	453.180	500.000	-9.4
Aroclor-1260-5	7.249	7.158	7.358	457.000	500.000	-8.6
Decachlorobiphenyl	8.630	8.541	8.741	50.650	50.000	1.3
Tetrachloro-m-xylene	3.644	3.548	3.748	53.170	50.000	6.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:32
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: Nov 26 01:15:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	383.9E6	237.5E6	54.546	53.168
2)	SA Decachlor...	9.920	8.630	239.1E6	197.7E6	54.083	50.648
	Target Compounds						
3)	L1 AR-1016-1	5.480	4.720	129.6E6	99665485	526.864	523.851
4)	L1 AR-1016-2	5.502	4.739	206.8E6	141.9E6	520.907	523.875
5)	L1 AR-1016-3	5.563	4.914	120.2E6	77656680	539.134	524.802
6)	L1 AR-1016-4	5.658	4.955	97637557	59618205	516.942	507.744
7)	L1 AR-1016-5	5.950	5.168	94208928	86271419	528.678	564.923
31)	L7 AR-1260-1	7.063	6.197	158.6E6	142.5E6	518.975	481.312
32)	L7 AR-1260-2	7.318	6.385	219.6E6	198.6E6	554.593	461.933
33)	L7 AR-1260-3	7.674	6.538	178.5E6	163.4E6	537.984	465.229
34)	L7 AR-1260-4	7.896	7.008	158.3E6	137.3E6	519.110	453.176
35)	L7 AR-1260-5	8.202	7.249	373.6E6	375.5E6	523.892	457.005

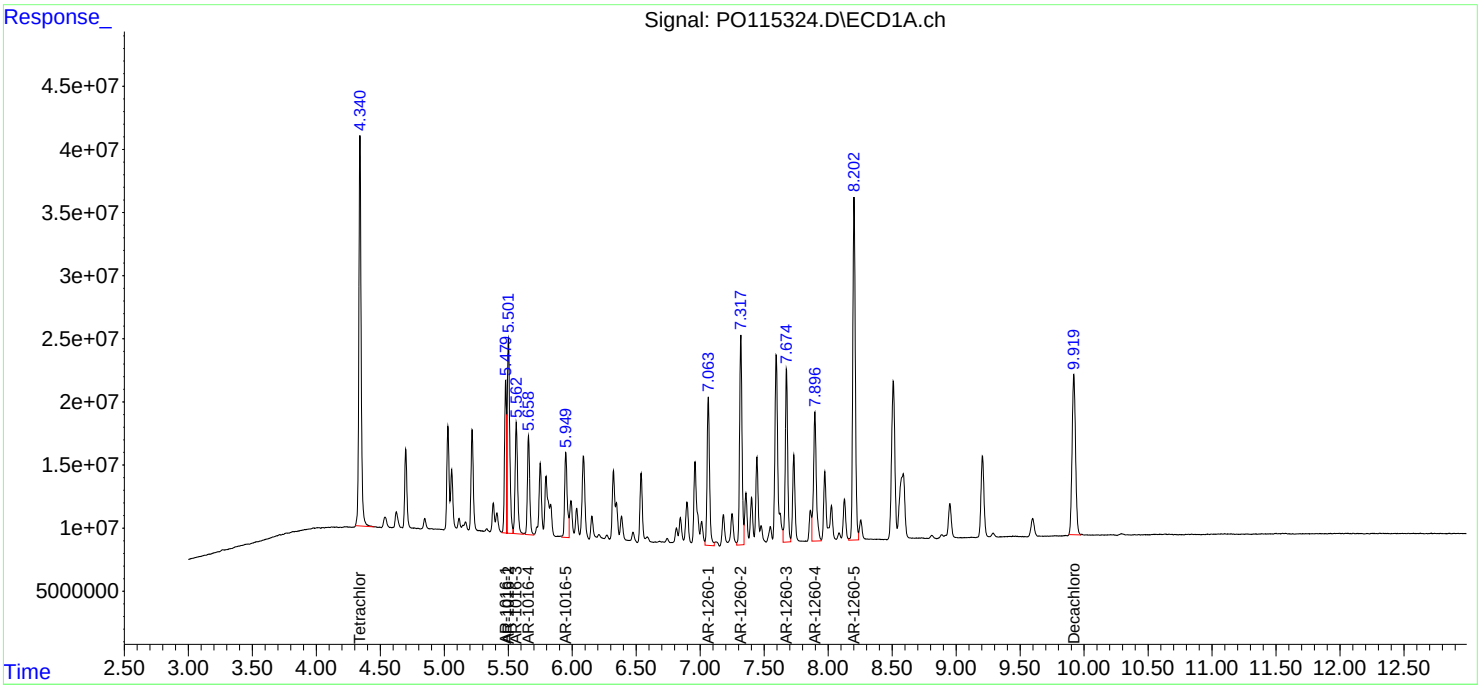
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

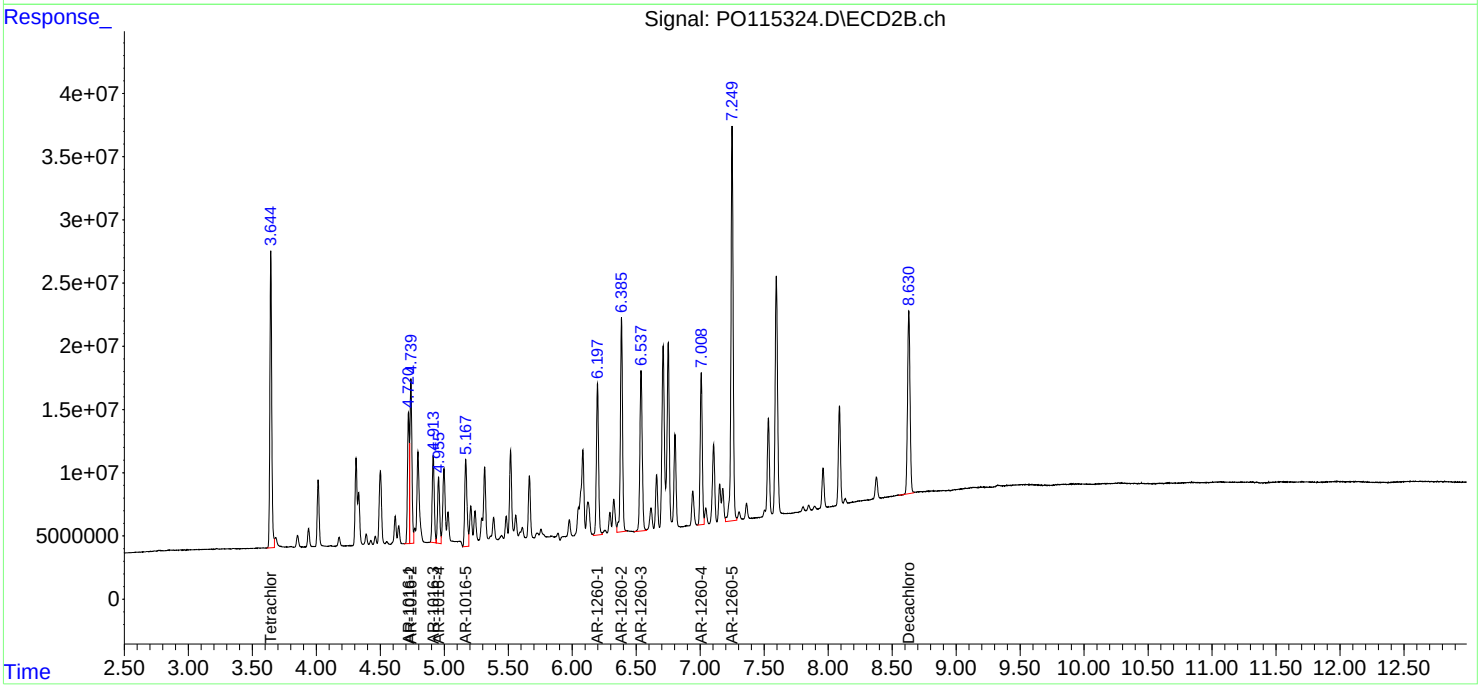
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:32
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

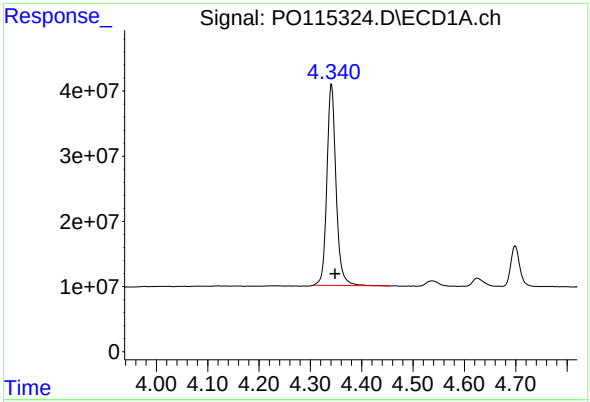
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:15:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



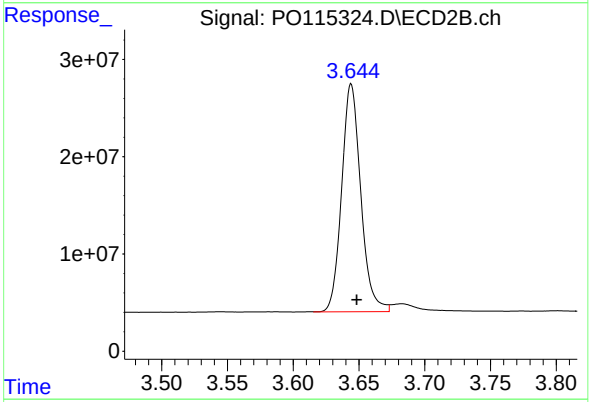




#1 Tetrachloro-m-xylene

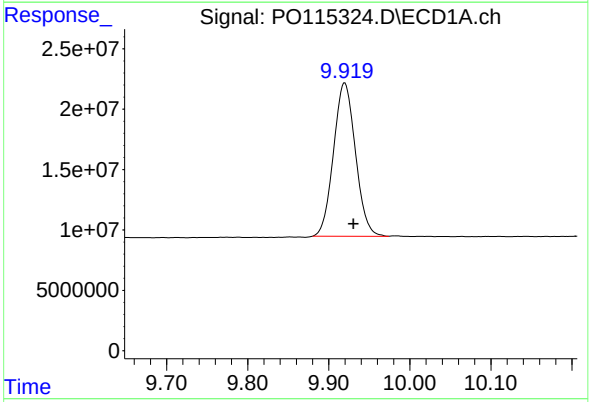
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 383903182
Conc: 54.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



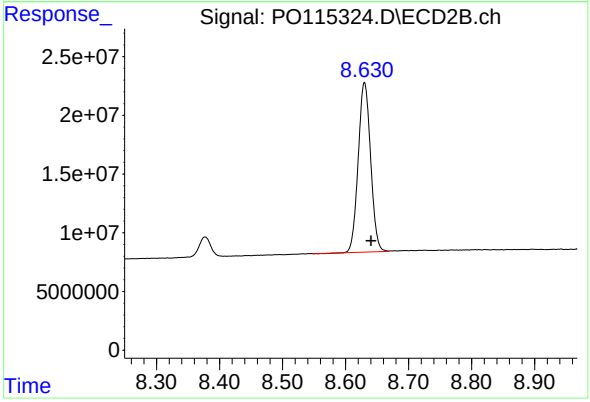
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 237488832
Conc: 53.17 ng/ml



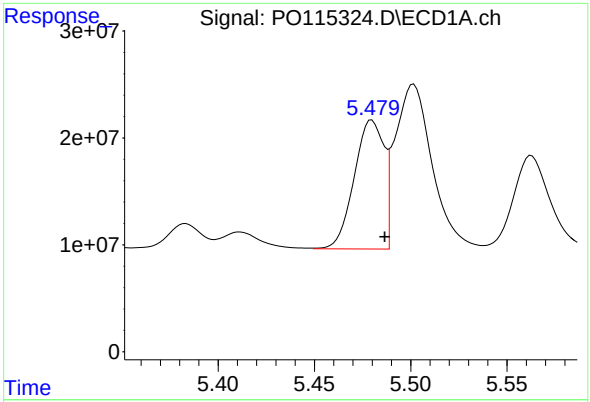
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 239062481
Conc: 54.08 ng/ml



#2 Decachlorobiphenyl

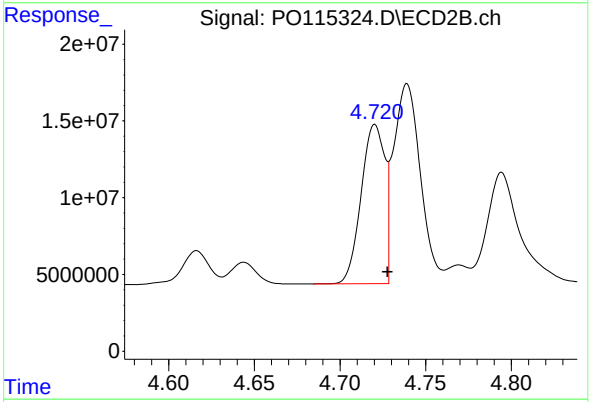
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 197720782
Conc: 50.65 ng/ml



#3 AR-1016-1

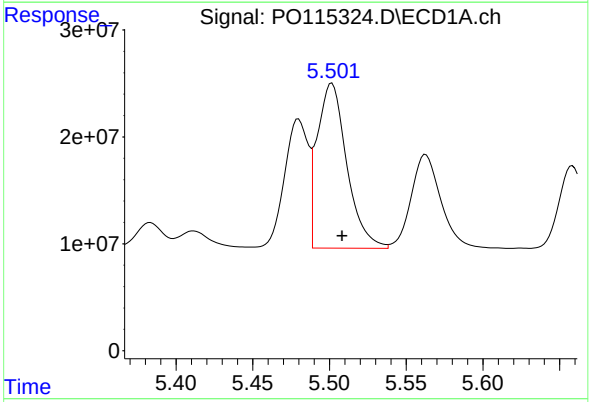
R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 129619117
Conc: 526.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



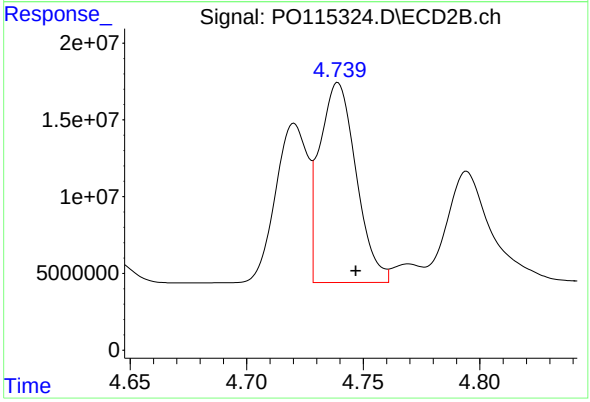
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.007 min
Response: 99665485
Conc: 523.85 ng/ml



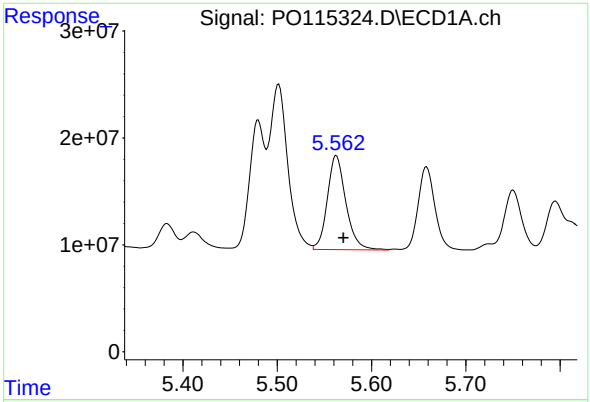
#4 AR-1016-2

R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 206837127
Conc: 520.91 ng/ml



#4 AR-1016-2

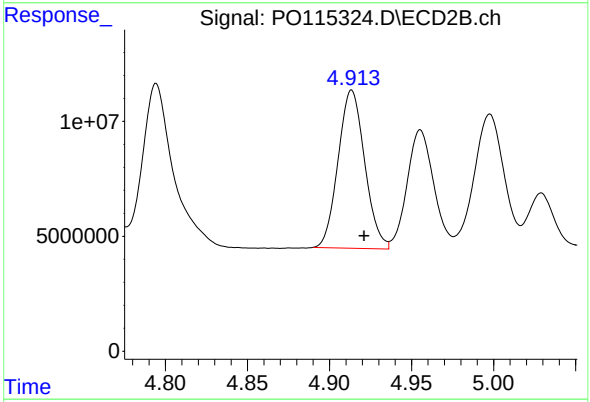
R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 141899232
Conc: 523.88 ng/ml



#5 AR-1016-3

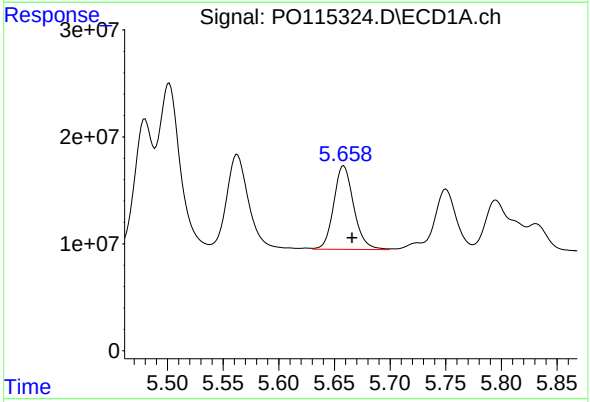
R.T.: 5.563 min
Delta R.T.: -0.008 min
Response: 120227429
Conc: 539.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



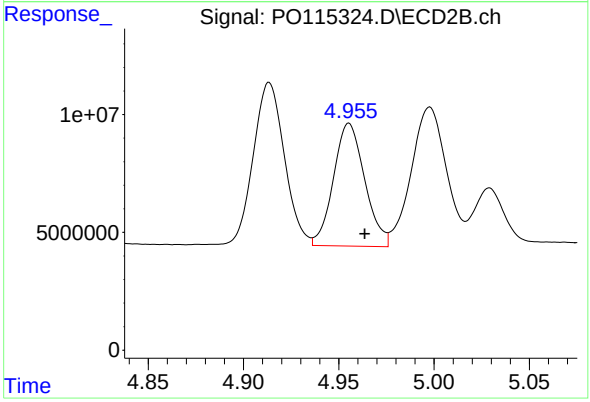
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.008 min
Response: 77656680
Conc: 524.80 ng/ml



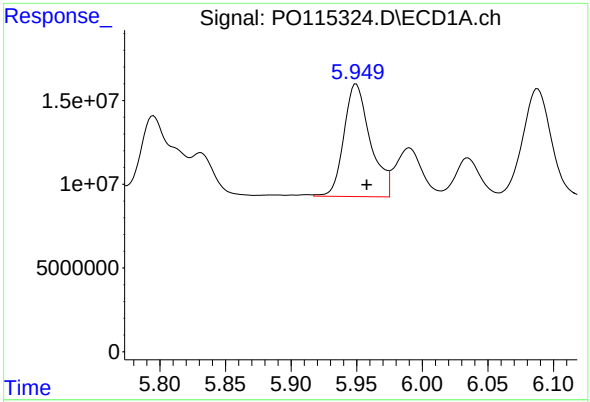
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 97637557
Conc: 516.94 ng/ml



#6 AR-1016-4

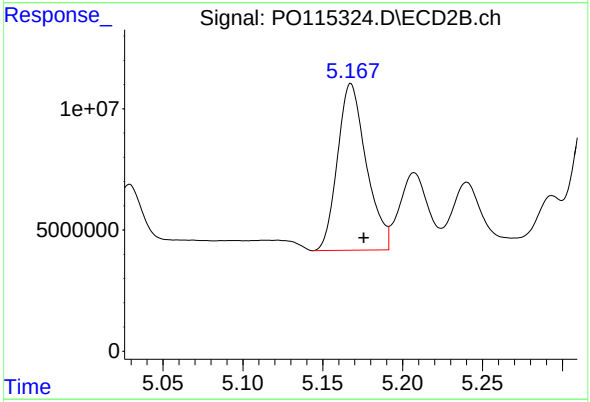
R.T.: 4.955 min
Delta R.T.: -0.008 min
Response: 59618205
Conc: 507.74 ng/ml



#7 AR-1016-5

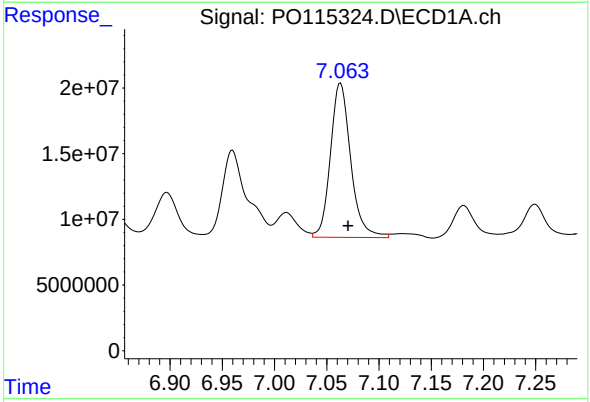
R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 94208928
Conc: 528.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



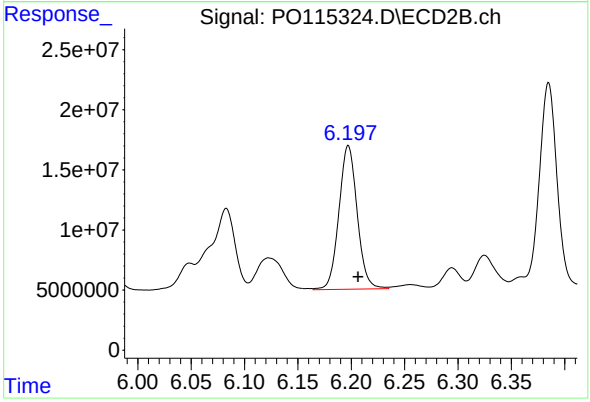
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.008 min
Response: 86271419
Conc: 564.92 ng/ml



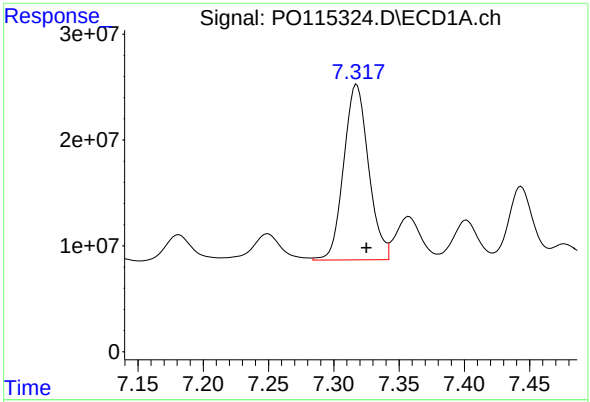
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 158616015
Conc: 518.97 ng/ml



#31 AR-1260-1

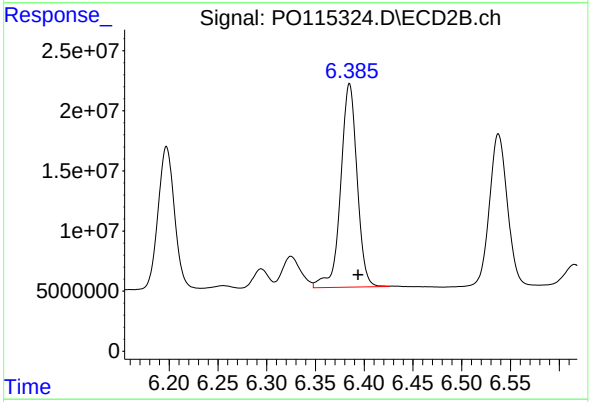
R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 142520157
Conc: 481.31 ng/ml



#32 AR-1260-2

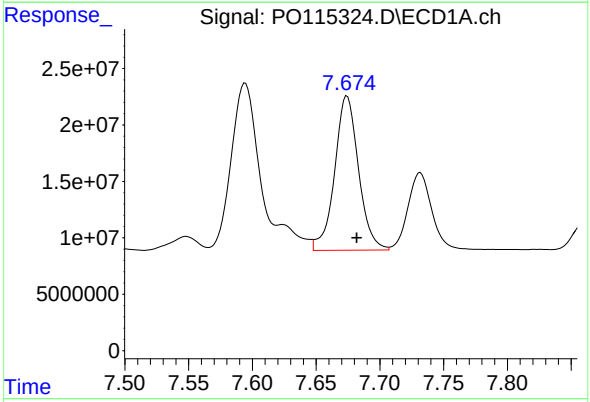
R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 219550706
Conc: 554.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



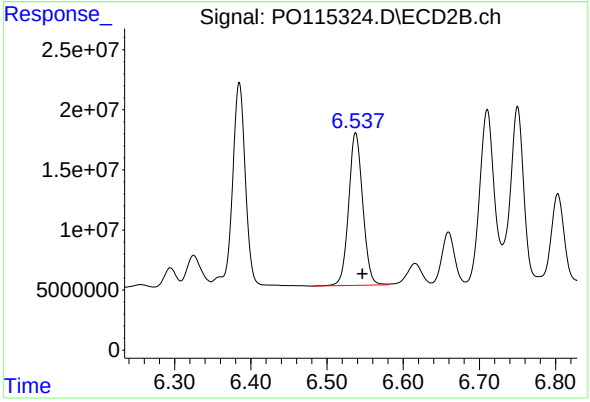
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 198645712
Conc: 461.93 ng/ml



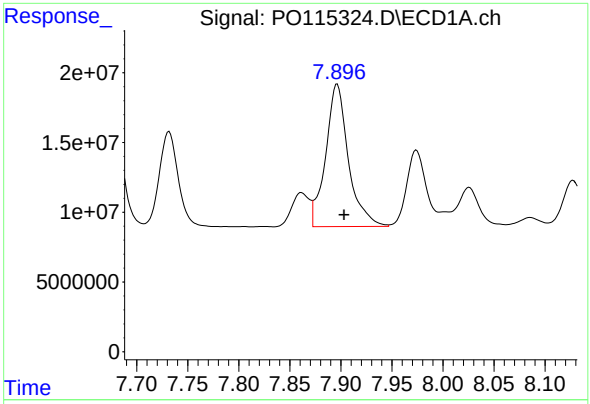
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 178512830
Conc: 537.98 ng/ml



#33 AR-1260-3

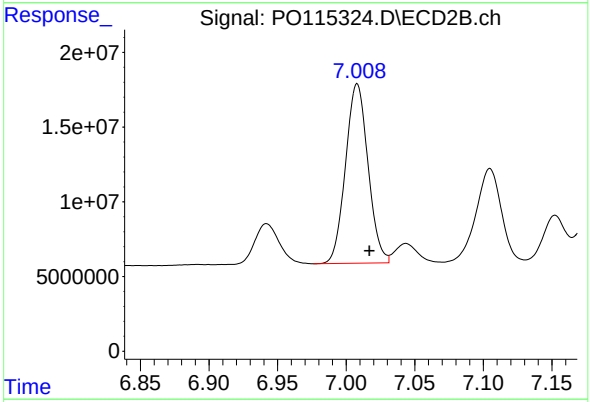
R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 163365853
Conc: 465.23 ng/ml



#34 AR-1260-4

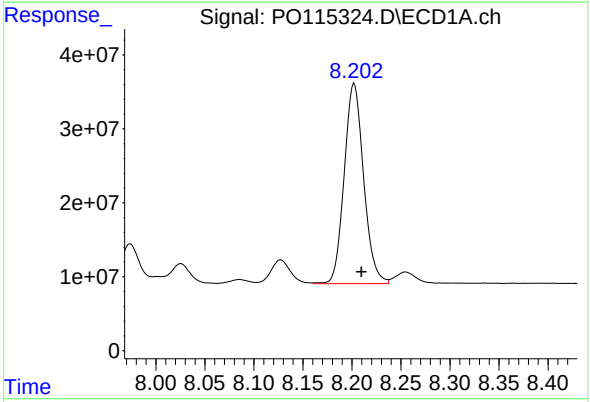
R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 158338955
Conc: 519.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



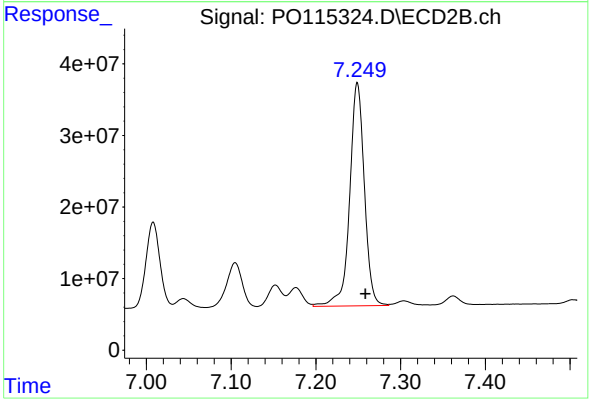
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 137325237
Conc: 453.18 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 373649347
Conc: 523.89 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 375487970
Conc: 457.00 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 20:22 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.92	9.93	9.83	10.03	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 20:22 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115340.D **Time Analyzed:** 20:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.479	5.387	5.587	560.610	500.000	12.1
Aroclor-1016-2	5.501	5.408	5.608	553.190	500.000	10.6
Aroclor-1016-3	5.562	5.470	5.670	581.530	500.000	16.3
Aroclor-1016-4	5.658	5.566	5.766	568.810	500.000	13.8
Aroclor-1016-5	5.949	5.858	6.058	569.090	500.000	13.8
Aroclor-1260-1	7.063	6.971	7.171	561.040	500.000	12.2
Aroclor-1260-2	7.317	7.225	7.425	588.440	500.000	17.7
Aroclor-1260-3	7.674	7.582	7.782	574.140	500.000	14.8
Aroclor-1260-4	7.896	7.803	8.003	556.800	500.000	11.4
Aroclor-1260-5	8.202	8.110	8.310	555.290	500.000	11.1
Decachlorobiphenyl	9.919	9.830	10.030	56.520	50.000	13.0
Tetrachloro-m-xylene	4.340	4.248	4.448	55.950	50.000	11.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115340.D **Time Analyzed:** 20:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.720	4.628	4.828	534.270	500.000	6.9
Aroclor-1016-2	4.739	4.647	4.847	532.290	500.000	6.5
Aroclor-1016-3	4.913	4.821	5.021	537.270	500.000	7.5
Aroclor-1016-4	4.955	4.864	5.064	514.290	500.000	2.9
Aroclor-1016-5	5.168	5.076	5.276	583.870	500.000	16.8
Aroclor-1260-1	6.197	6.106	6.306	513.330	500.000	2.7
Aroclor-1260-2	6.385	6.294	6.494	492.990	500.000	-1.4
Aroclor-1260-3	6.537	6.446	6.646	499.440	500.000	-0.1
Aroclor-1260-4	7.008	6.917	7.117	495.150	500.000	-1.0
Aroclor-1260-5	7.249	7.158	7.358	500.640	500.000	0.1
Decachlorobiphenyl	8.630	8.541	8.741	54.680	50.000	9.4
Tetrachloro-m-xylene	3.644	3.548	3.748	53.810	50.000	7.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:22
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: Nov 26 01:18:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.644	393.8E6	240.4E6	55.949	53.813
2)	SA Decachlor...	9.919	8.630	249.8E6	213.5E6	56.516	54.684
	Target Compounds						
3)	L1 AR-1016-1	5.479	4.720	137.9E6	101.6E6	560.609	534.266
4)	L1 AR-1016-2	5.501	4.739	219.7E6	144.2E6	553.188	532.286
5)	L1 AR-1016-3	5.562	4.913	129.7E6	79501230	581.529	537.268
6)	L1 AR-1016-4	5.658	4.955	107.4E6	60386350	568.811	514.286
7)	L1 AR-1016-5	5.949	5.168	101.4E6	89164859	569.088	583.870
31)	L7 AR-1260-1	7.063	6.197	171.5E6	152.0E6	561.038	513.327
32)	L7 AR-1260-2	7.317	6.385	233.0E6	212.0E6	588.444	492.992
33)	L7 AR-1260-3	7.674	6.537	190.5E6	175.4E6	574.139	499.444
34)	L7 AR-1260-4	7.896	7.008	169.8E6	150.0E6	556.799	495.153
35)	L7 AR-1260-5	8.202	7.249	396.0E6	411.3E6	555.289	500.645

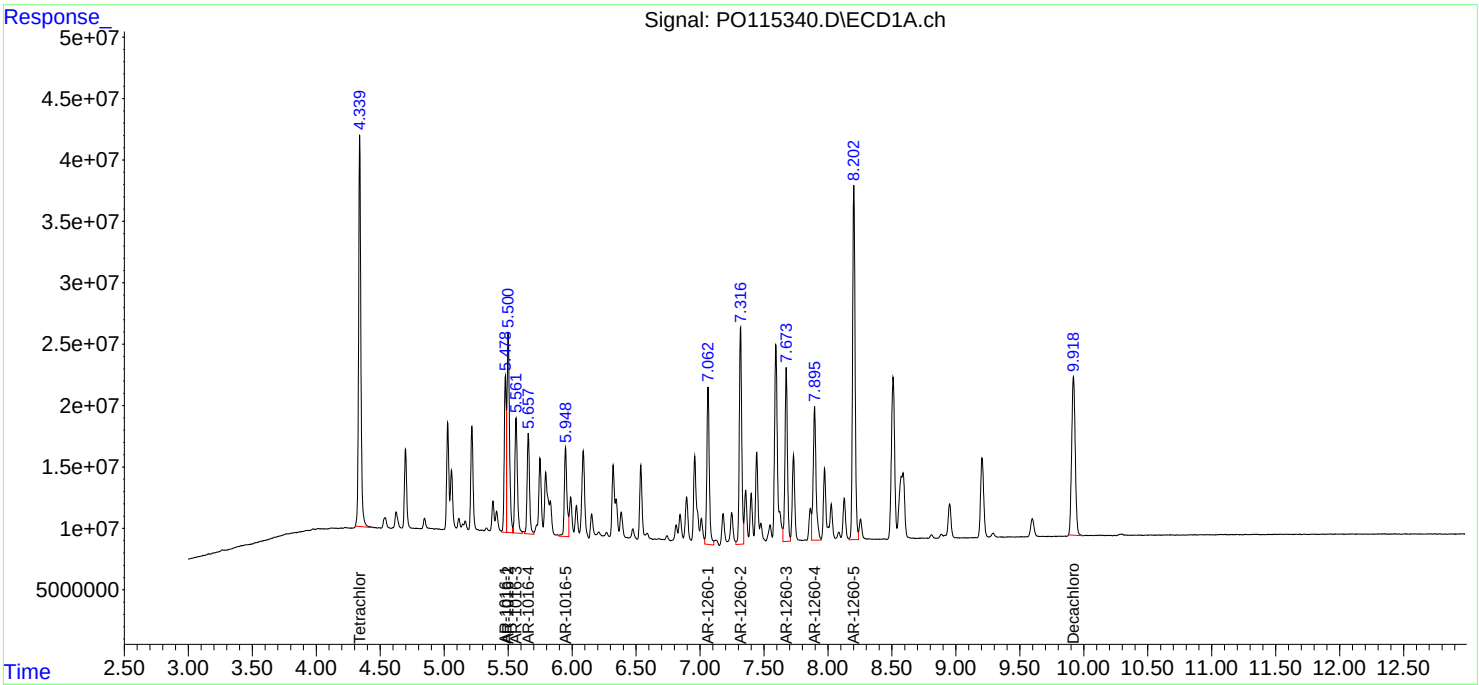
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

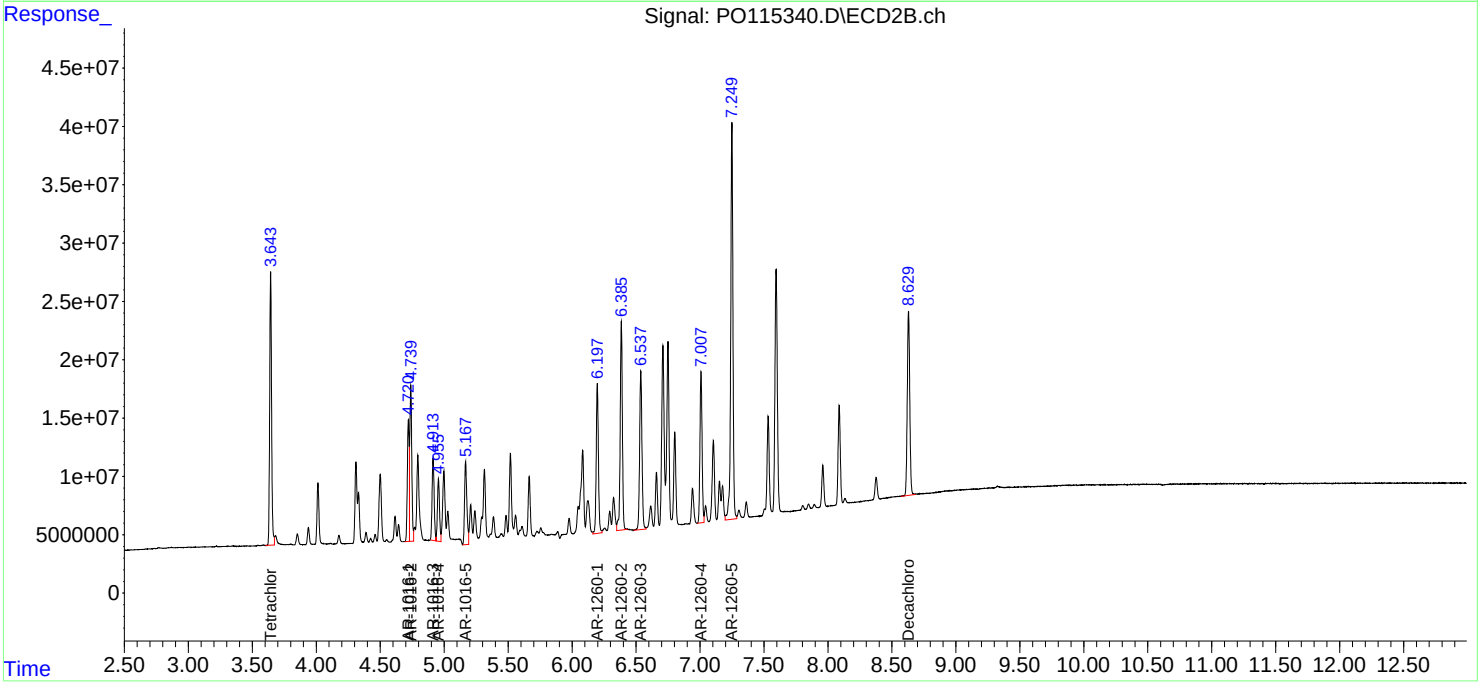
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:22
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

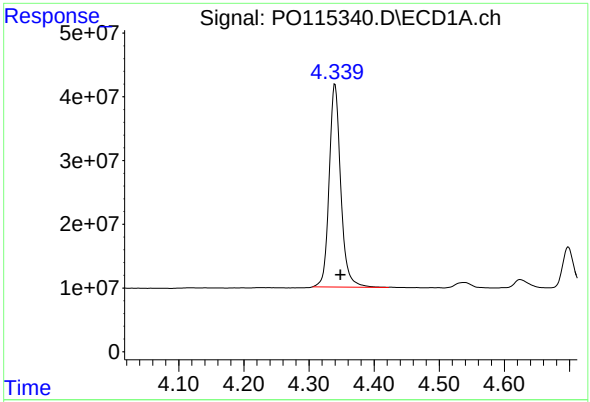
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:18:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



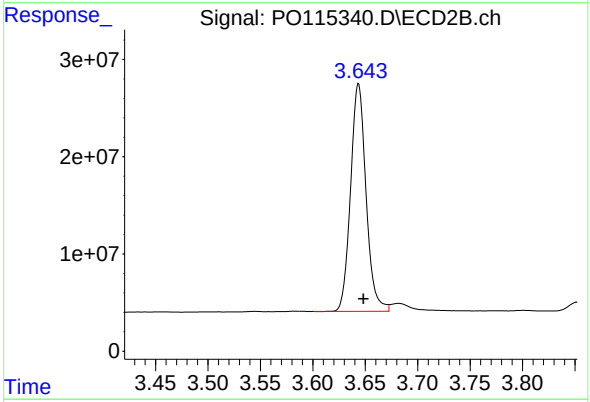




#1 Tetrachloro-m-xylene

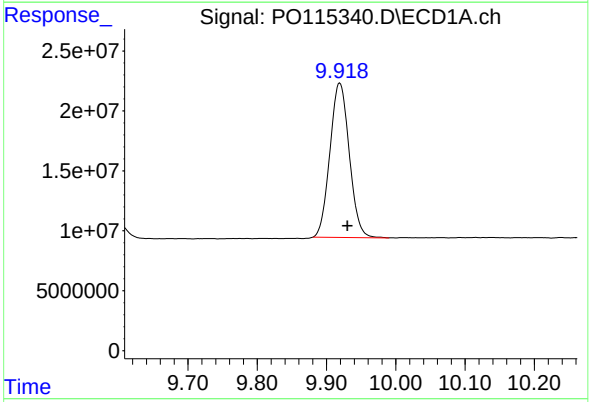
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 393772485
Conc: 55.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



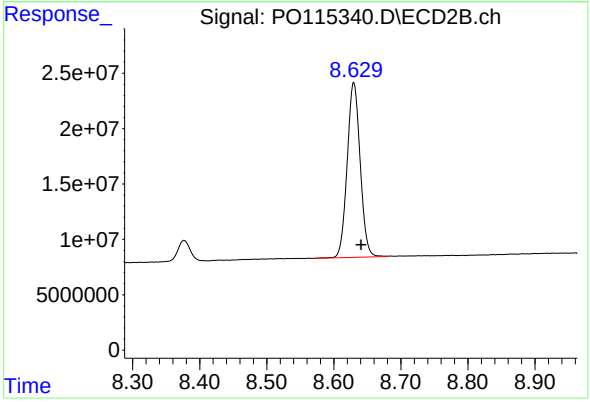
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 240369631
Conc: 53.81 ng/ml



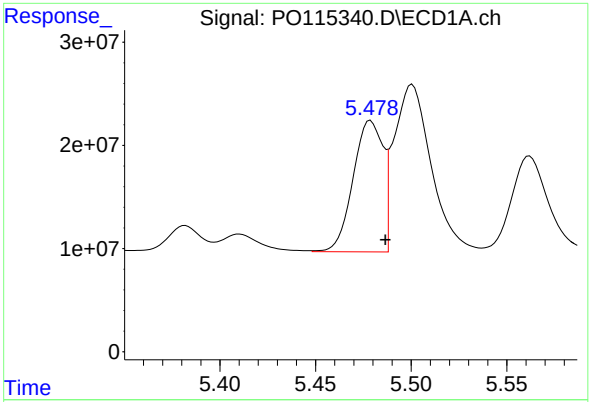
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 249816050
Conc: 56.52 ng/ml



#2 Decachlorobiphenyl

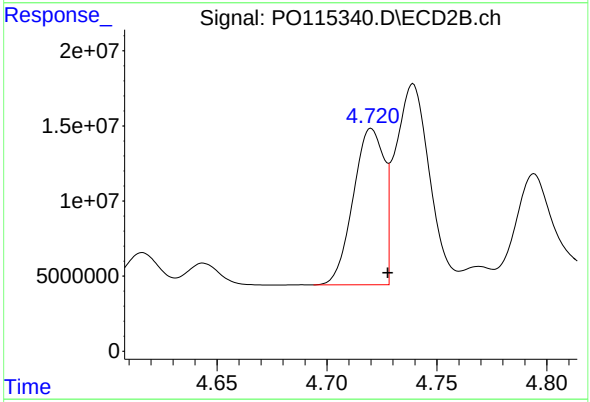
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 213475821
Conc: 54.68 ng/ml



#3 AR-1016-1

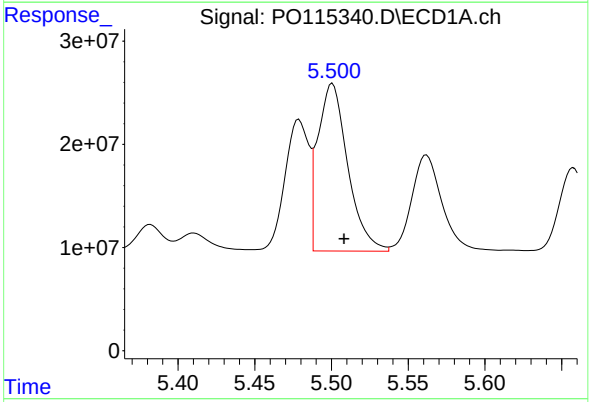
R.T.: 5.479 min
Delta R.T.: -0.008 min
Response: 137920921
Conc: 560.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



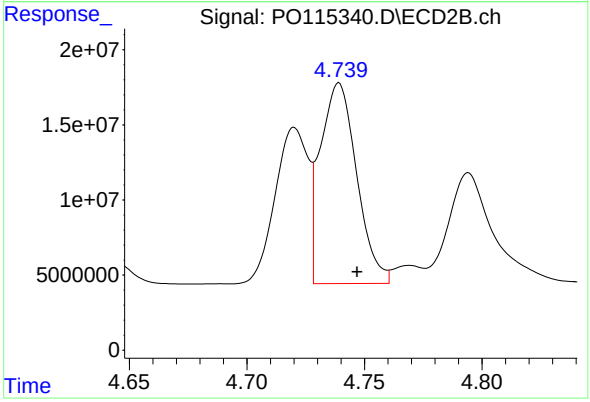
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 101646955
Conc: 534.27 ng/ml



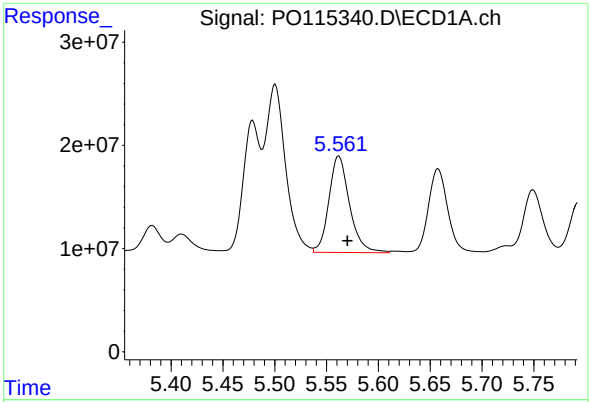
#4 AR-1016-2

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 219654801
Conc: 553.19 ng/ml



#4 AR-1016-2

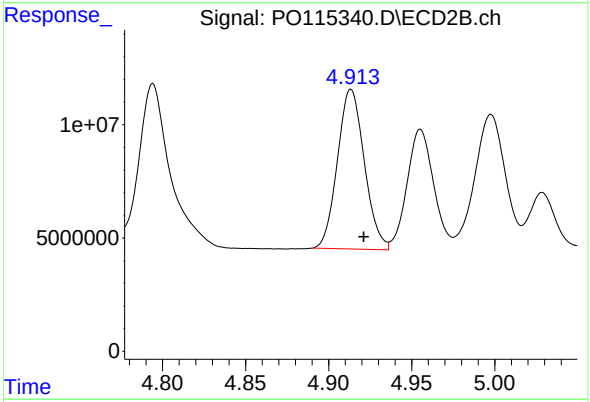
R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 144177380
Conc: 532.29 ng/ml



#5 AR-1016-3

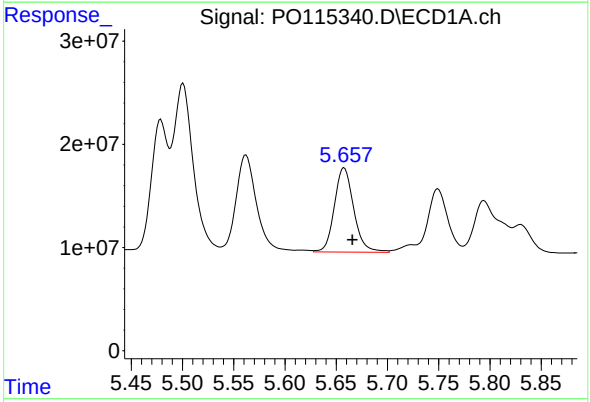
R.T.: 5.562 min
Delta R.T.: -0.008 min
Response: 129681499
Conc: 581.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



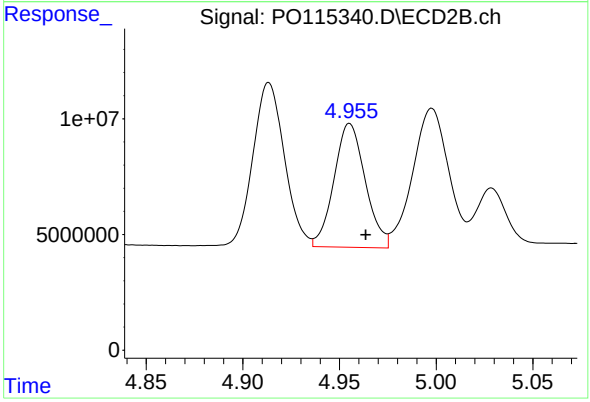
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 79501230
Conc: 537.27 ng/ml



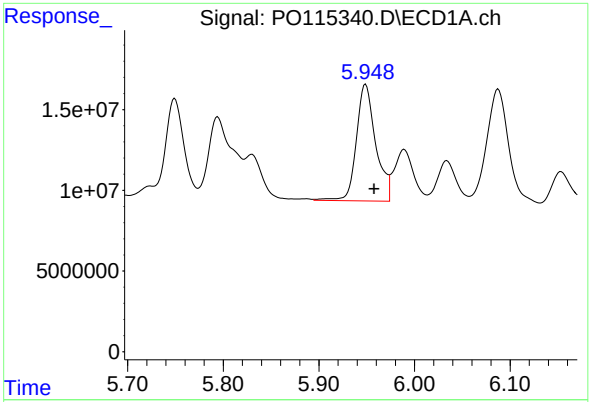
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 107434272
Conc: 568.81 ng/ml



#6 AR-1016-4

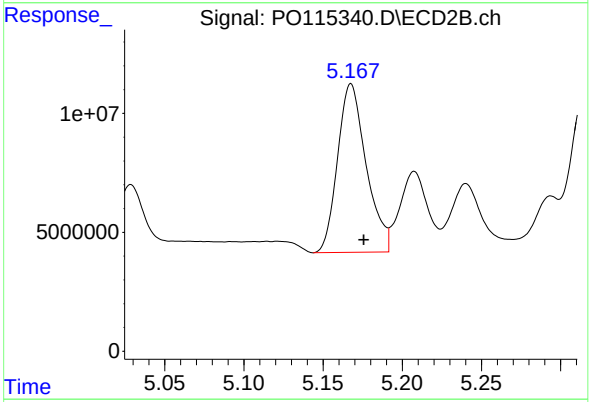
R.T.: 4.955 min
Delta R.T.: -0.008 min
Response: 60386350
Conc: 514.29 ng/ml



#7 AR-1016-5

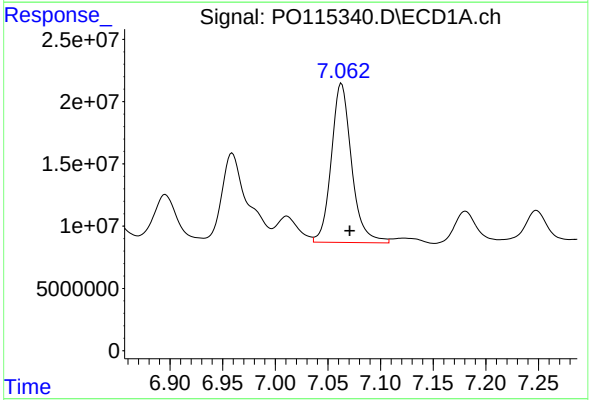
R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 101409776
Conc: 569.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



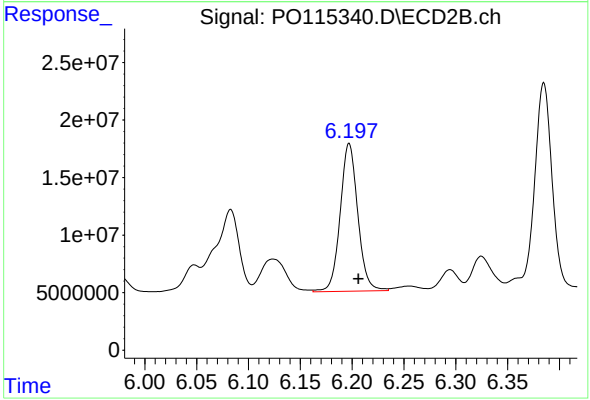
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.008 min
Response: 89164859
Conc: 583.87 ng/ml



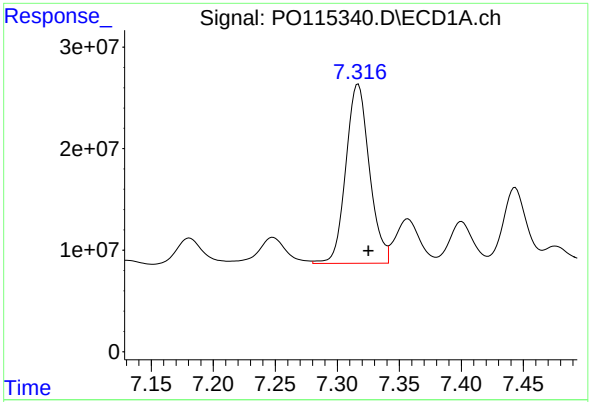
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 171471913
Conc: 561.04 ng/ml



#31 AR-1260-1

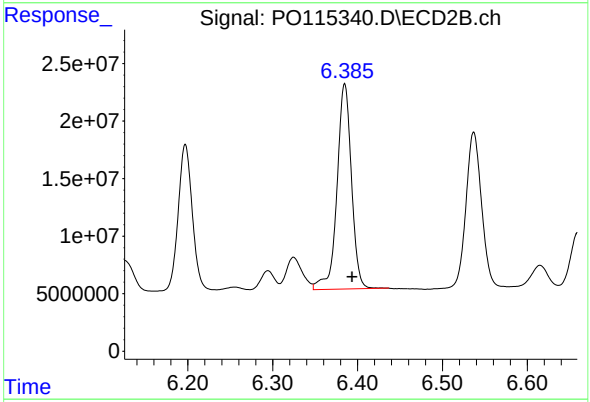
R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 152000055
Conc: 513.33 ng/ml



#32 AR-1260-2

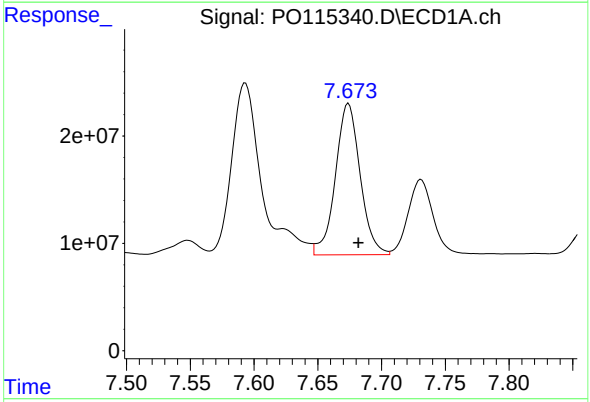
R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 232951666
Conc: 588.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



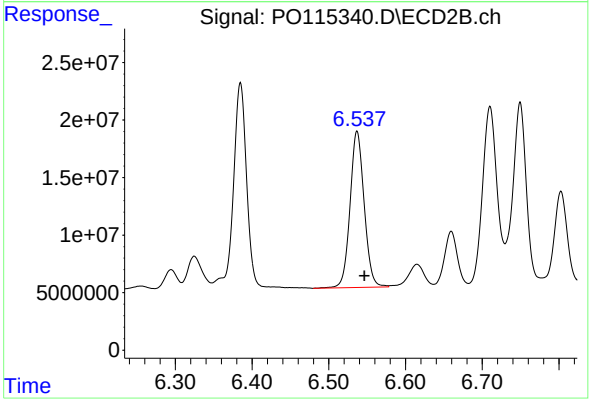
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 212001924
Conc: 492.99 ng/ml



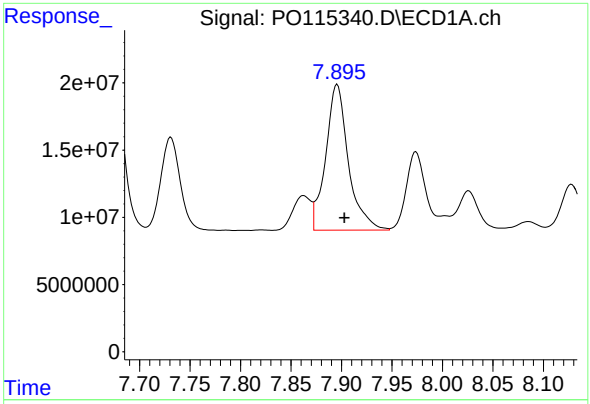
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 190509642
Conc: 574.14 ng/ml



#33 AR-1260-3

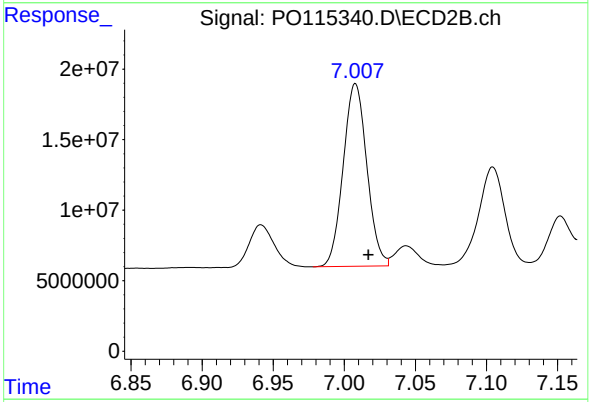
R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 175380372
Conc: 499.44 ng/ml



#34 AR-1260-4

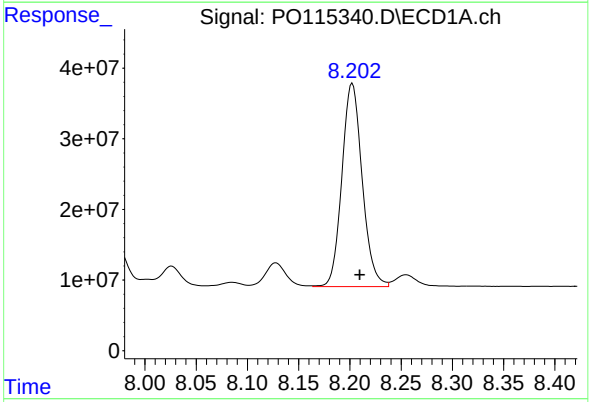
R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 169834904
Conc: 556.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



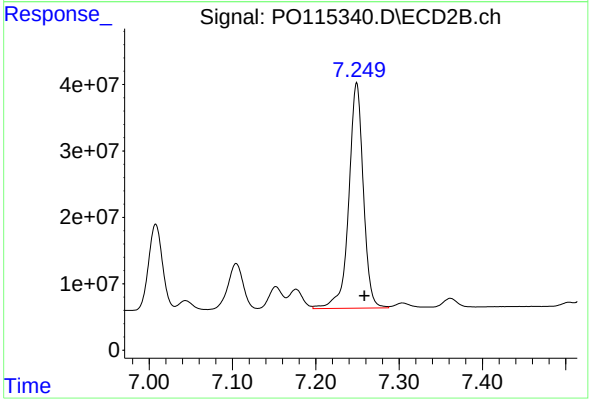
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 150045456
Conc: 495.15 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 396042702
Conc: 555.29 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 411343829
Conc: 500.64 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/22/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 02:30 **Initial Calibration Time(s):** 09:39 18:31

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)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.92	9.93	9.83	10.03	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/22/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 02:30 **Initial Calibration Time(s):** 09:39 18:31

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)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115355.D **Time Analyzed:** 02:30

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.479	5.387	5.587	567.650	500.000	13.5
Aroclor-1016-2	5.501	5.408	5.608	561.100	500.000	12.2
Aroclor-1016-3	5.562	5.470	5.670	593.380	500.000	18.7
Aroclor-1016-4	5.658	5.566	5.766	585.130	500.000	17.0
Aroclor-1016-5	5.950	5.858	6.058	590.730	500.000	18.1
Aroclor-1260-1	7.063	6.971	7.171	585.730	500.000	17.1
Aroclor-1260-2	7.316	7.225	7.425	591.500	500.000	18.3
Aroclor-1260-3	7.674	7.582	7.782	586.850	500.000	17.4
Aroclor-1260-4	7.896	7.803	8.003	564.790	500.000	13.0
Aroclor-1260-5	8.202	8.110	8.310	563.830	500.000	12.8
Decachlorobiphenyl	9.920	9.830	10.030	57.680	50.000	15.4
Tetrachloro-m-xylene	4.341	4.248	4.448	56.970	50.000	13.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115355.D **Time Analyzed:** 02:30

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.720	4.628	4.828	541.660	500.000	8.3
Aroclor-1016-2	4.739	4.647	4.847	540.850	500.000	8.2
Aroclor-1016-3	4.914	4.821	5.021	543.770	500.000	8.8
Aroclor-1016-4	4.955	4.864	5.064	517.340	500.000	3.5
Aroclor-1016-5	5.167	5.076	5.276	524.620	500.000	4.9
Aroclor-1260-1	6.197	6.106	6.306	518.180	500.000	3.6
Aroclor-1260-2	6.385	6.294	6.494	496.140	500.000	-0.8
Aroclor-1260-3	6.537	6.446	6.646	489.450	500.000	-2.1
Aroclor-1260-4	7.008	6.917	7.117	499.390	500.000	-0.1
Aroclor-1260-5	7.249	7.158	7.358	502.960	500.000	0.6
Decachlorobiphenyl	8.630	8.541	8.741	55.920	50.000	11.8
Tetrachloro-m-xylene	3.644	3.548	3.748	54.950	50.000	9.9

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 02:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:21:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	400.9E6	245.5E6	56.966	54.951
2)	SA Decachlor...	9.920	8.630	254.9E6	218.3E6	57.676	55.922
	Target Compounds						
3)	L1 AR-1016-1	5.479	4.720	139.7E6	103.1E6	567.646	541.658
4)	L1 AR-1016-2	5.501	4.739	222.8E6	146.5E6	561.105	540.855
5)	L1 AR-1016-3	5.562	4.914	132.3E6	80462815	593.379	543.766
6)	L1 AR-1016-4	5.658	4.955	110.5E6	60744974	585.132	517.340
7)	L1 AR-1016-5	5.950	5.167	105.3E6	80116747	590.729	524.621m
31)	L7 AR-1260-1	7.063	6.197	179.0E6	153.4E6	585.729	518.179
32)	L7 AR-1260-2	7.316	6.385	234.2E6	213.4E6	591.499m	496.139
33)	L7 AR-1260-3	7.674	6.537	194.7E6	171.9E6	586.854	489.446
34)	L7 AR-1260-4	7.896	7.008	172.3E6	151.3E6	564.793	499.391
35)	L7 AR-1260-5	8.202	7.249	402.1E6	413.2E6	563.831	502.963

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 02:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

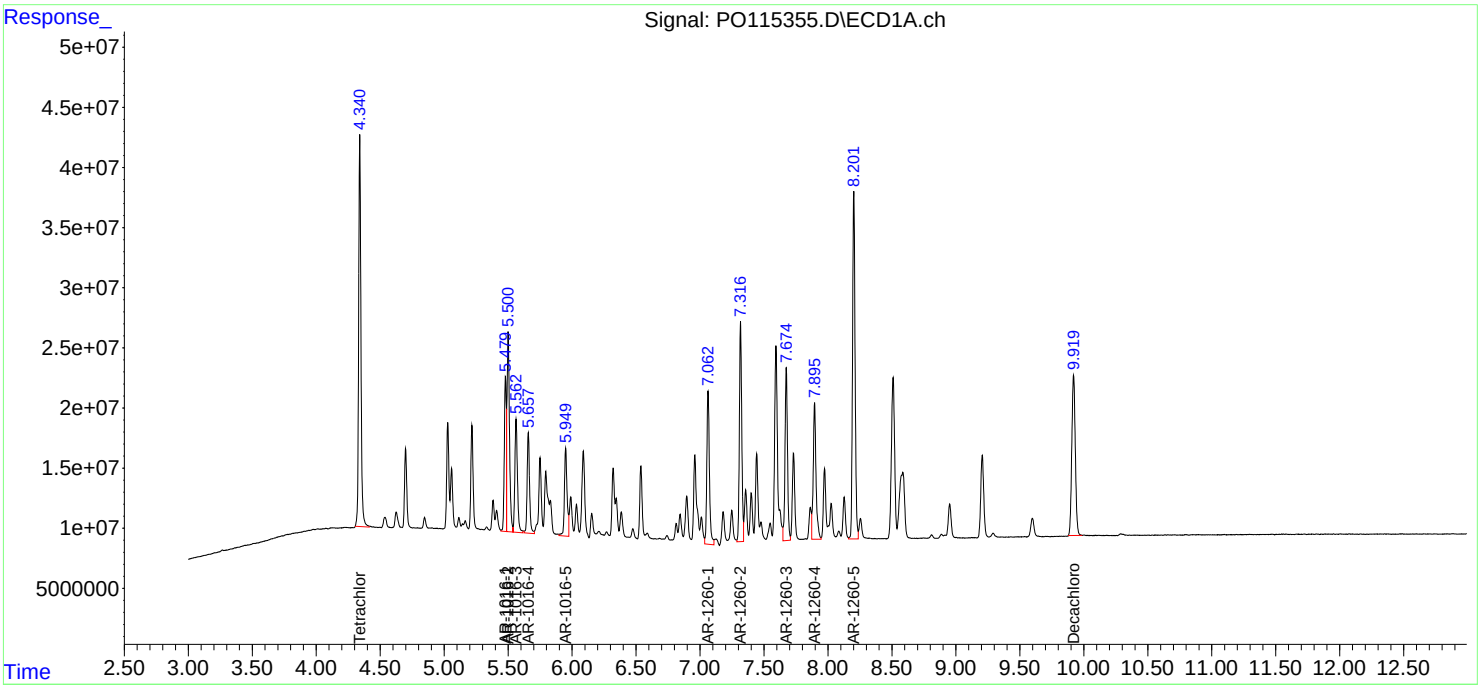
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

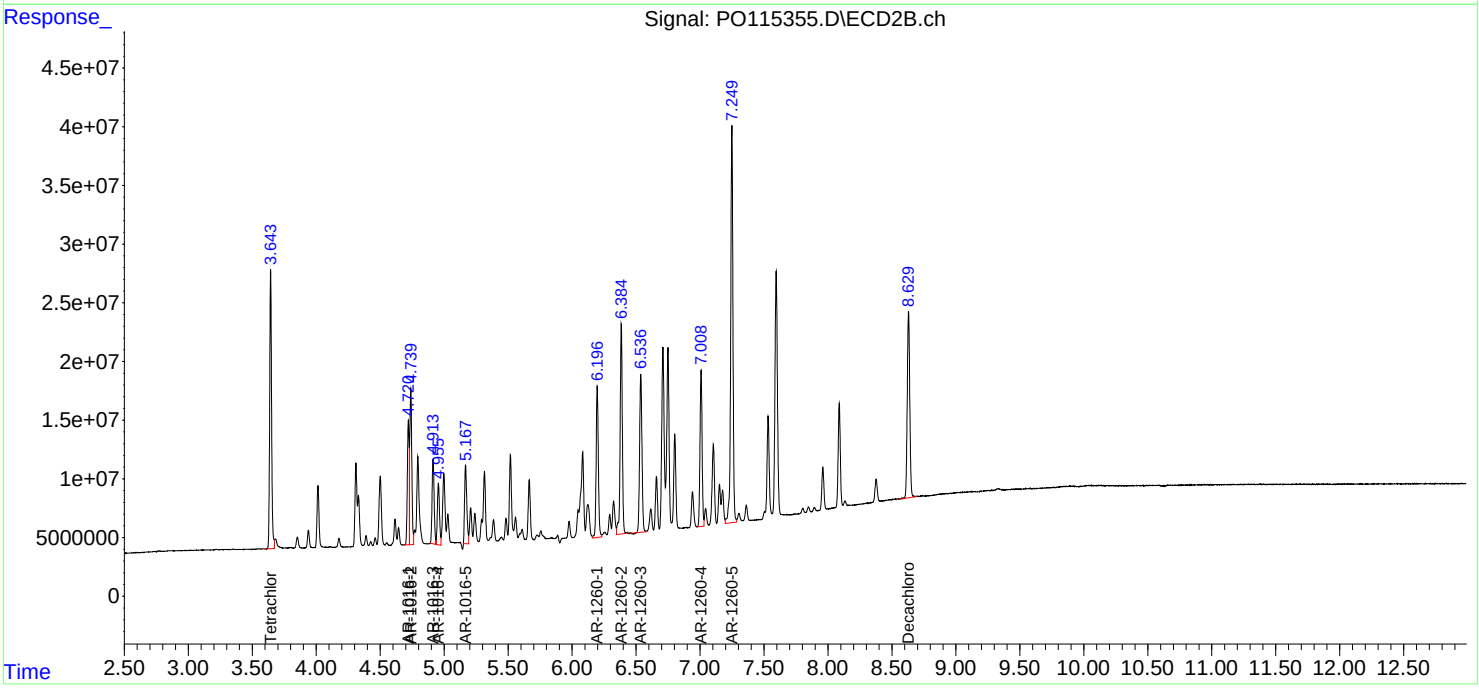
Manual Integrations APPROVED

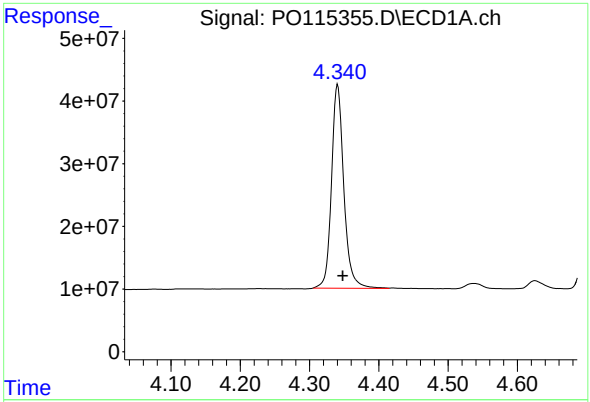
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:21:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







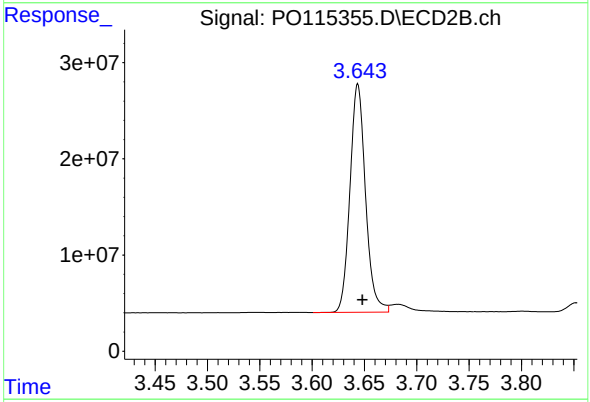
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 400935484
Conc: 56.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

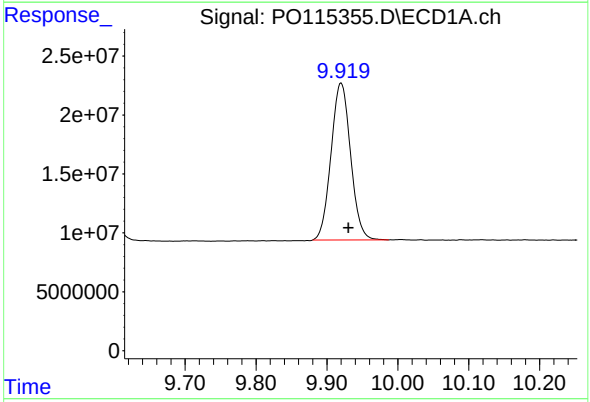
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



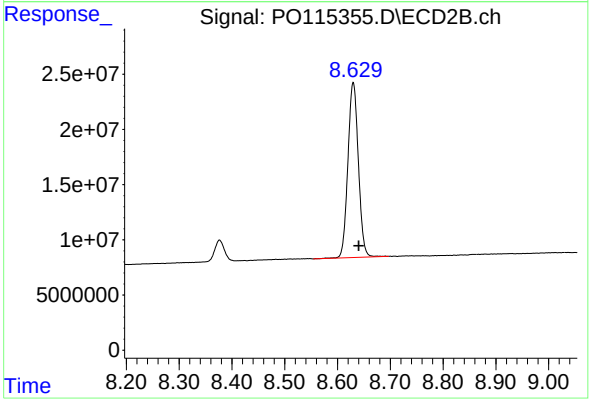
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 245454676
Conc: 54.95 ng/ml



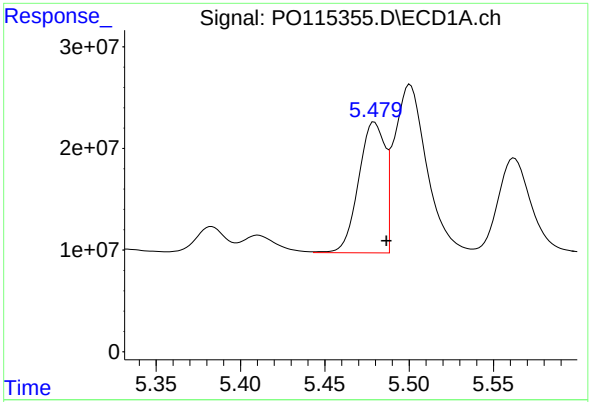
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 254943770
Conc: 57.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 218308182
Conc: 55.92 ng/ml



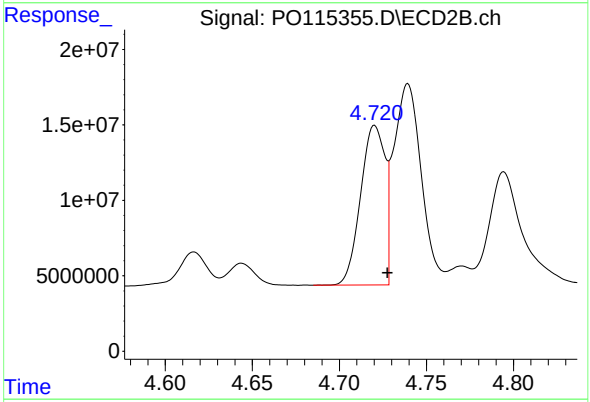
#3 AR-1016-1

R.T.: 5.479 min
Delta R.T.: -0.007 min
Response: 139652352
Conc: 567.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

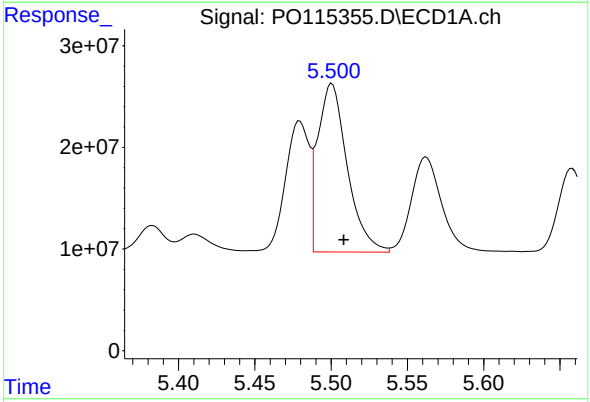
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



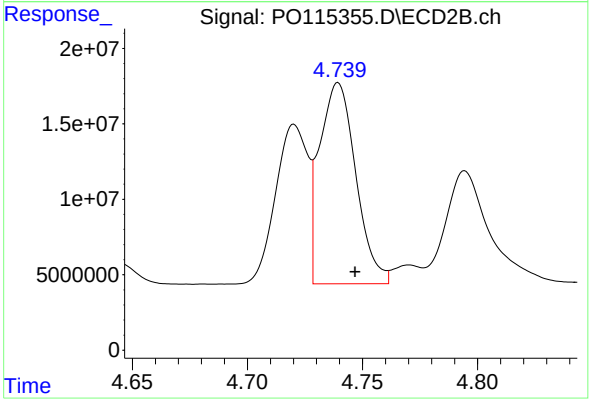
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.007 min
Response: 103053395
Conc: 541.66 ng/ml



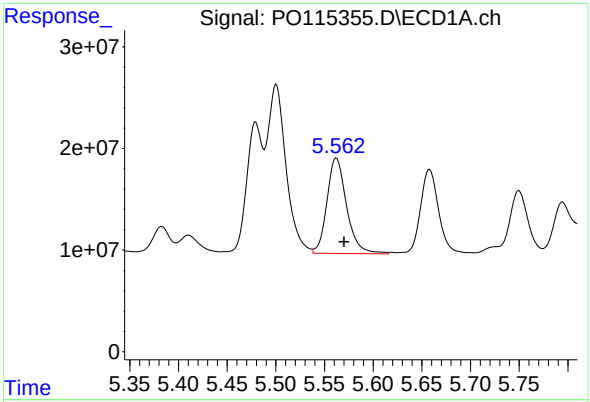
#4 AR-1016-2

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 222798315
Conc: 561.10 ng/ml



#4 AR-1016-2

R.T.: 4.739 min
Delta R.T.: -0.007 min
Response: 146498365
Conc: 540.85 ng/ml



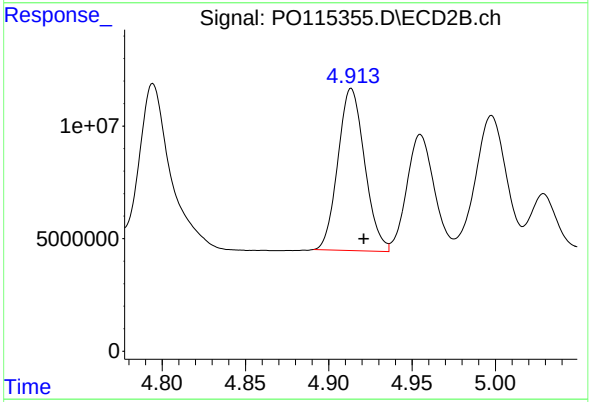
#5 AR-1016-3

R.T.: 5.562 min
Delta R.T.: -0.008 min
Response: 132324118
Conc: 593.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

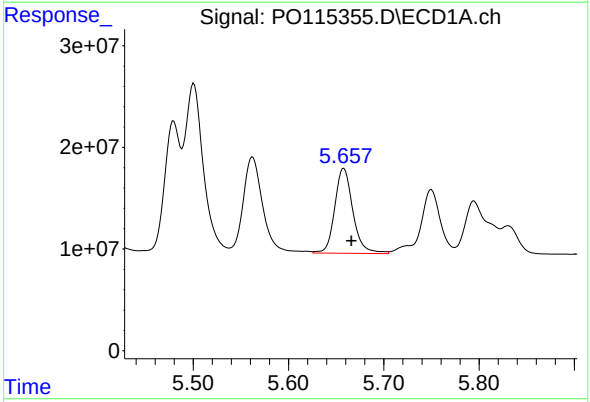
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



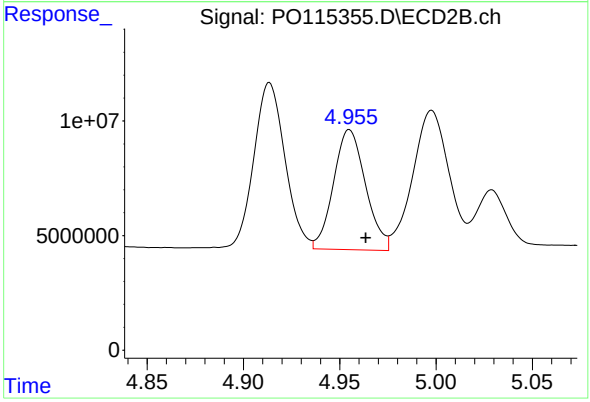
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.008 min
Response: 80462815
Conc: 543.77 ng/ml



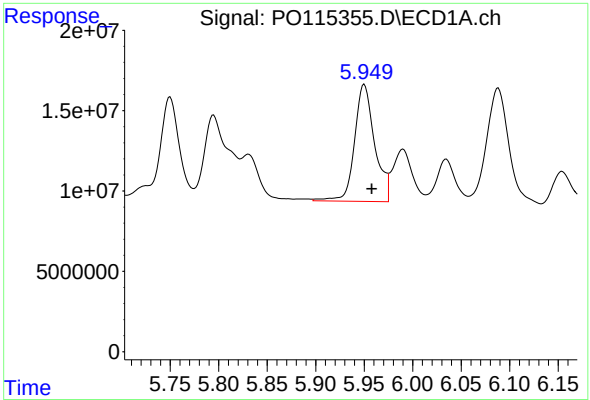
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 110516789
Conc: 585.13 ng/ml



#6 AR-1016-4

R.T.: 4.955 min
Delta R.T.: -0.008 min
Response: 60744974
Conc: 517.34 ng/ml



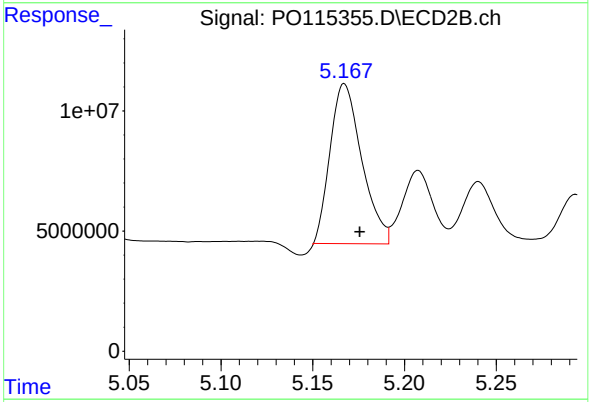
#7 AR-1016-5

R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 105266146
Conc: 590.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

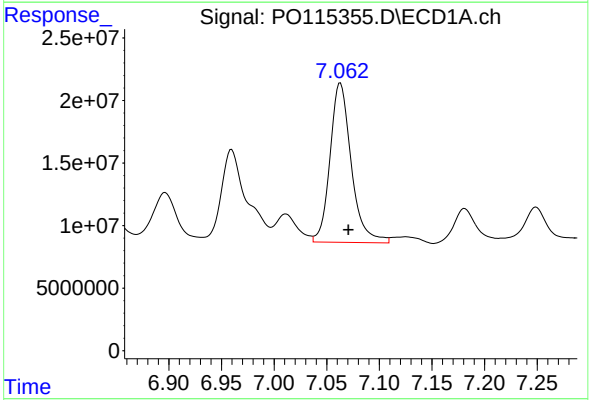
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



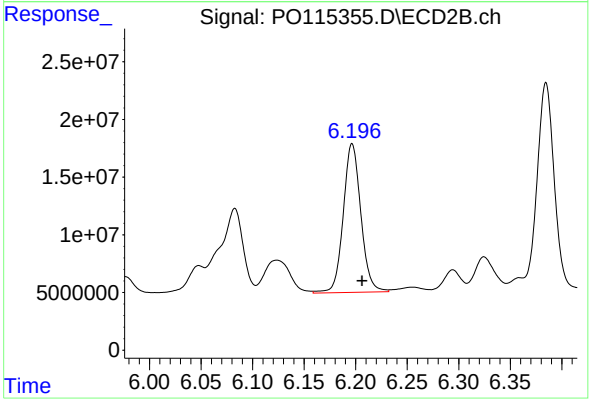
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.009 min
Response: 80116747
Conc: 524.62 ng/ml m



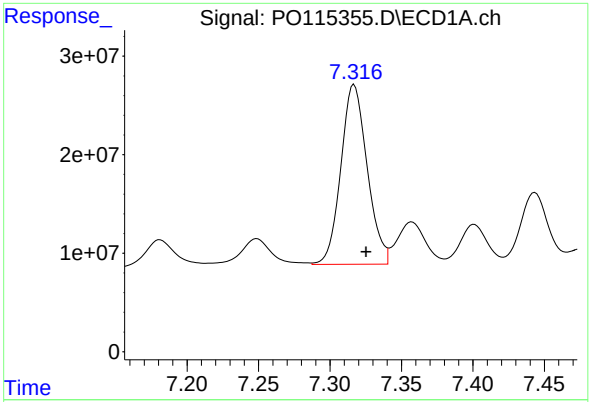
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 179018467
Conc: 585.73 ng/ml



#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 153436765
Conc: 518.18 ng/ml



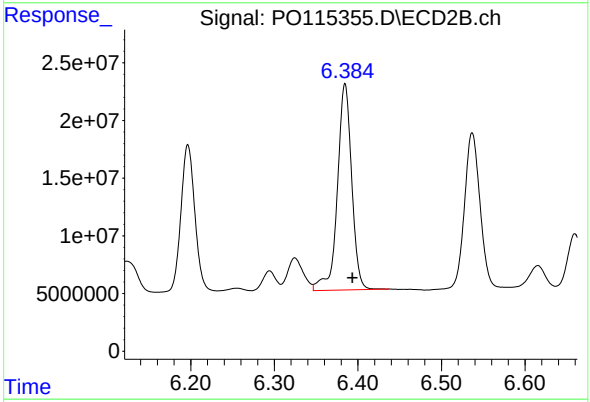
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 234161054
Conc: 591.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

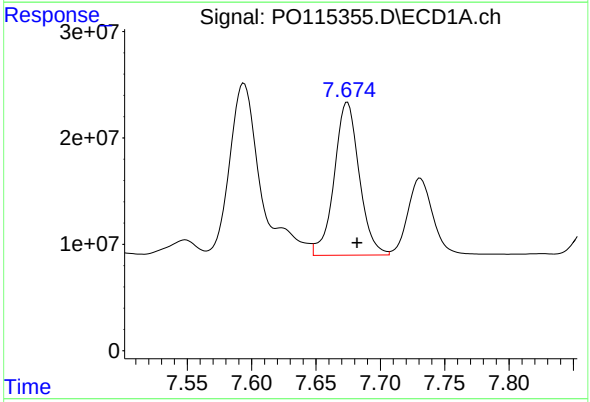
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



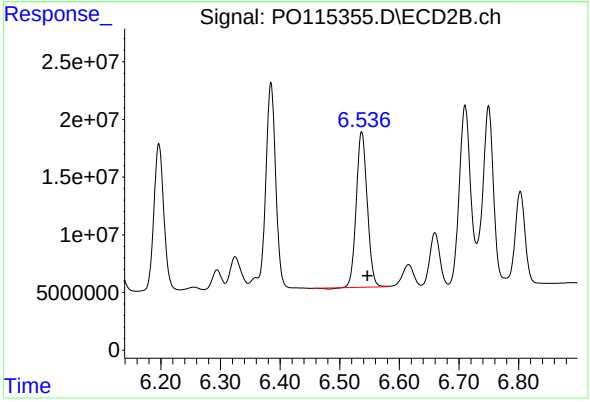
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 213355308
Conc: 496.14 ng/ml



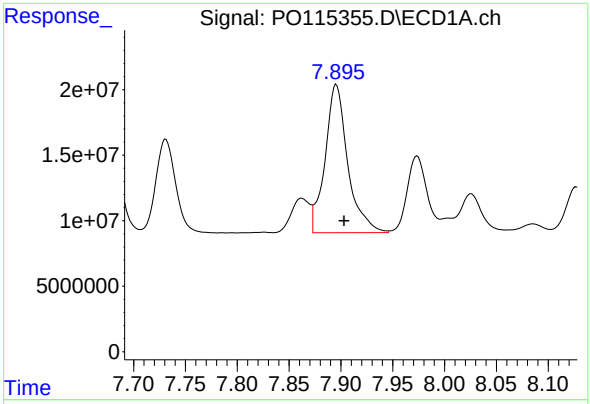
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.007 min
Response: 194728738
Conc: 586.85 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 171869573
Conc: 489.45 ng/ml



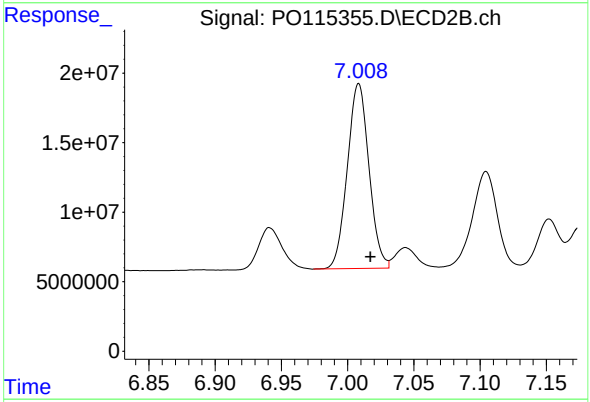
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 172273153
Conc: 564.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

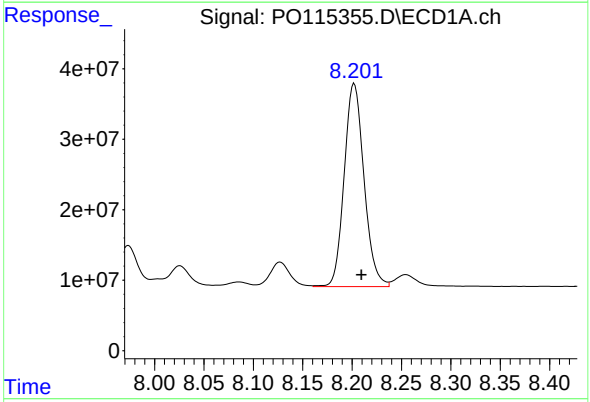
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



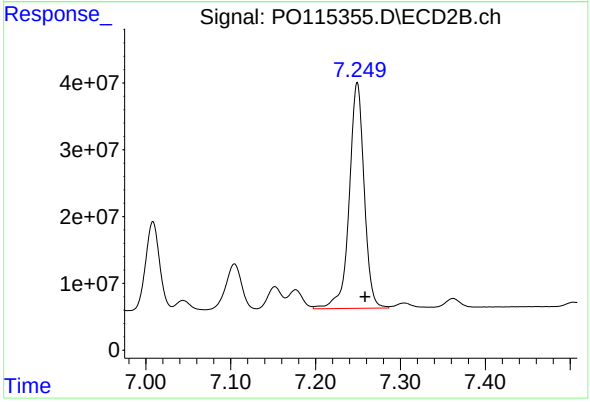
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 151329891
Conc: 499.39 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 402134619
Conc: 563.83 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 413248515
Conc: 502.96 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/22/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 07:06 **Initial Calibration Time(s):** 09:39 18:31

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)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.92	9.93	9.83	10.03	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/22/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 07:06 **Initial Calibration Time(s):** 09:39 18:31

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)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115365.D **Time Analyzed:** 07:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.479	5.387	5.587	589.180	500.000	17.8
Aroclor-1016-2	5.500	5.408	5.608	582.400	500.000	16.5
Aroclor-1016-3	5.562	5.470	5.670	599.490	500.000	19.9
Aroclor-1016-4	5.657	5.566	5.766	579.130	500.000	15.8
Aroclor-1016-5	5.948	5.858	6.058	575.320	500.000	15.1
Aroclor-1260-1	7.062	6.971	7.171	549.570	500.000	9.9
Aroclor-1260-2	7.315	7.225	7.425	608.590	500.000	21.7
Aroclor-1260-3	7.673	7.582	7.782	584.510	500.000	16.9
Aroclor-1260-4	7.896	7.803	8.003	587.980	500.000	17.6
Aroclor-1260-5	8.202	8.110	8.310	584.600	500.000	16.9
Decachlorobiphenyl	9.918	9.830	10.030	59.370	50.000	18.7
Tetrachloro-m-xylene	4.340	4.248	4.448	58.810	50.000	17.6

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115365.D **Time Analyzed:** 07:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.719	4.628	4.828	561.220	500.000	12.2
Aroclor-1016-2	4.738	4.647	4.847	551.430	500.000	10.3
Aroclor-1016-3	4.913	4.821	5.021	557.300	500.000	11.5
Aroclor-1016-4	4.954	4.864	5.064	520.050	500.000	4.0
Aroclor-1016-5	5.167	5.076	5.276	628.340	500.000	25.7
Aroclor-1260-1	6.196	6.106	6.306	535.060	500.000	7.0
Aroclor-1260-2	6.384	6.294	6.494	518.730	500.000	3.7
Aroclor-1260-3	6.536	6.446	6.646	523.220	500.000	4.6
Aroclor-1260-4	7.007	6.917	7.117	513.500	500.000	2.7
Aroclor-1260-5	7.248	7.158	7.358	516.970	500.000	3.4
Decachlorobiphenyl	8.629	8.541	8.741	57.750	50.000	15.5
Tetrachloro-m-xylene	3.643	3.548	3.748	56.810	50.000	13.6

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 07:06
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:24:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.643	413.9E6	253.8E6	58.809	56.813
2)	SA Decachlor...	9.918	8.629	262.4E6	225.4E6	59.369	57.749
	Target Compounds						
3)	L1 AR-1016-1	5.479	4.719	144.9E6	106.8E6	589.178	561.225
4)	L1 AR-1016-2	5.500	4.738	231.3E6	149.4E6	582.402	551.426
5)	L1 AR-1016-3	5.562	4.913	133.7E6	82466138	599.492m	557.305
6)	L1 AR-1016-4	5.657	4.954	109.4E6	61062807	579.133m	520.047
7)	L1 AR-1016-5	5.948	5.167	102.5E6	95956425	575.322m	628.343
31)	L7 AR-1260-1	7.062	6.196	168.0E6	158.4E6	549.573m	535.056
32)	L7 AR-1260-2	7.315	6.384	240.9E6	223.1E6	608.588m	518.729
33)	L7 AR-1260-3	7.673	6.536	194.0E6	183.7E6	584.510m	523.220
34)	L7 AR-1260-4	7.896	7.007	179.3E6	155.6E6	587.975	513.503
35)	L7 AR-1260-5	8.202	7.248	416.9E6	424.8E6	584.595	516.969

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 07:06
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

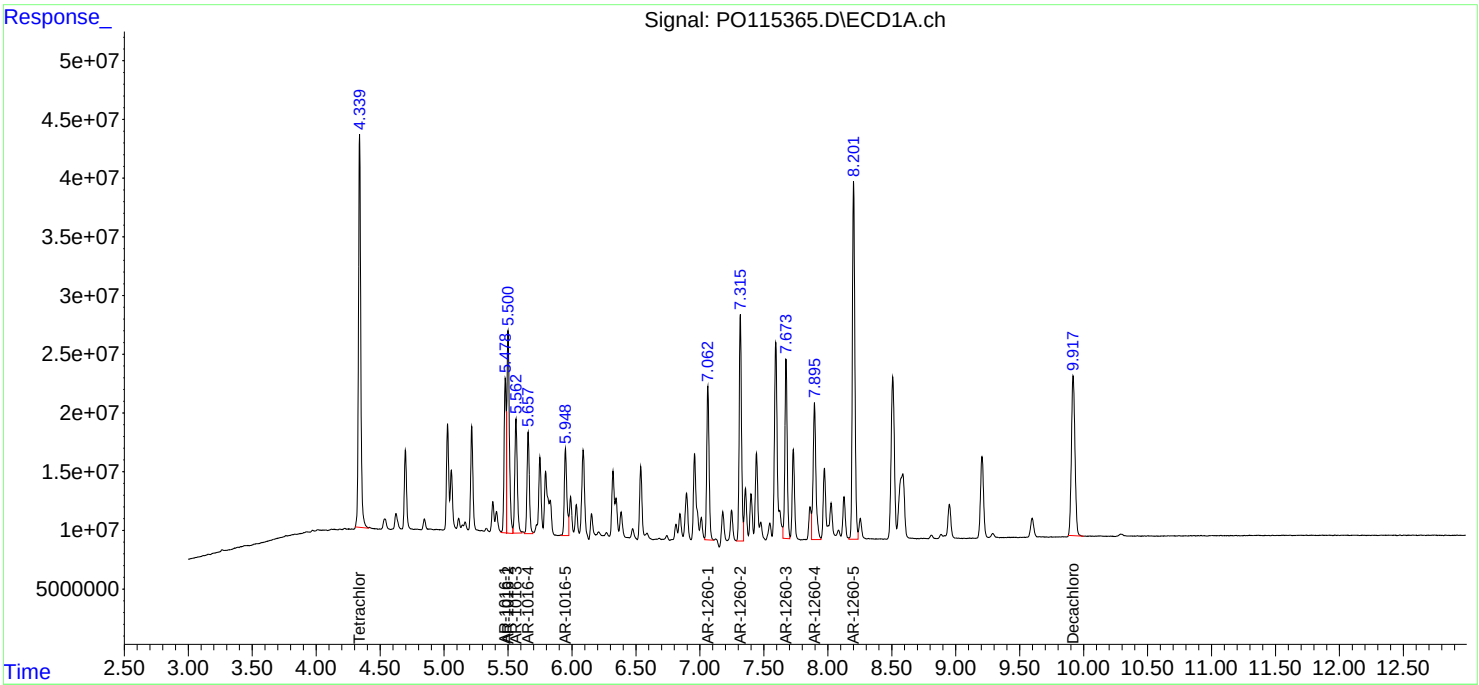
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:24:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

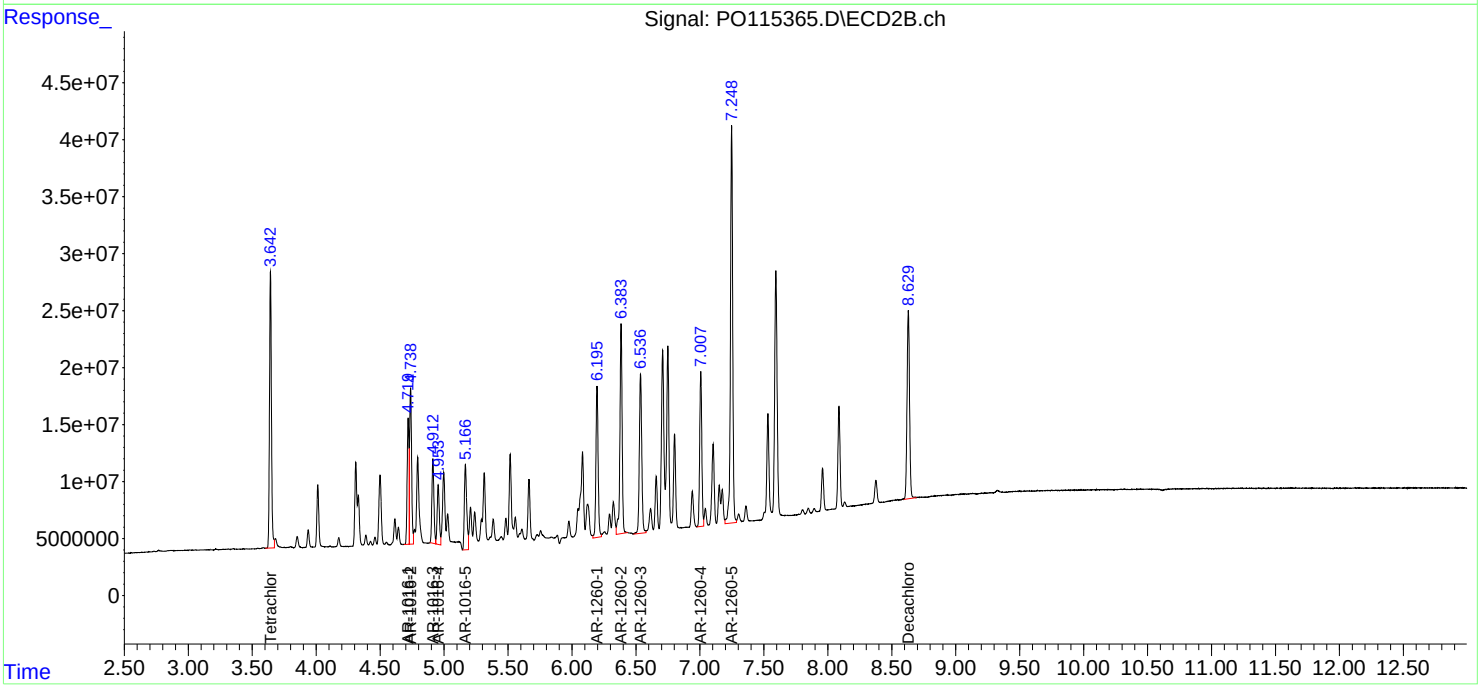
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

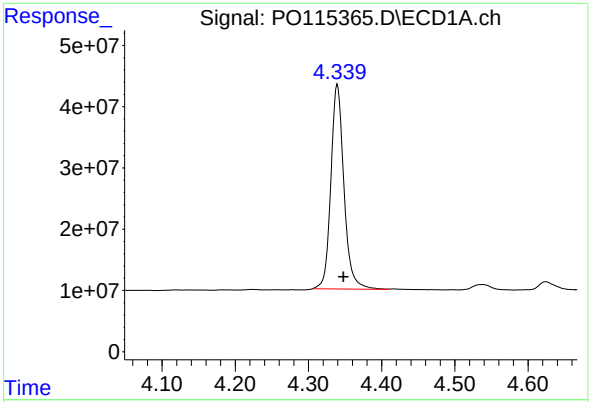
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025







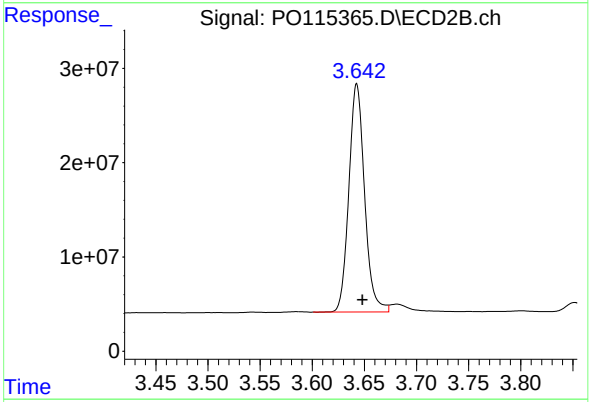
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 413903612
Conc: 58.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

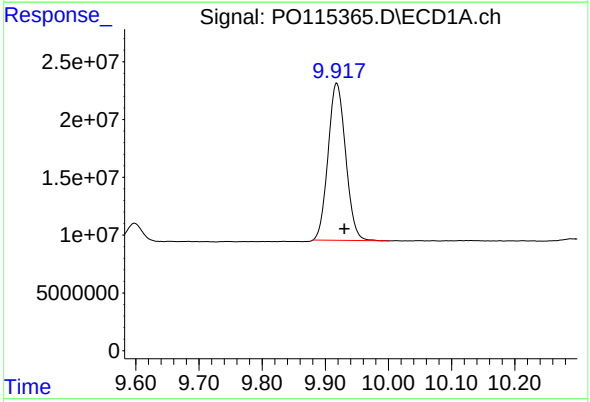
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



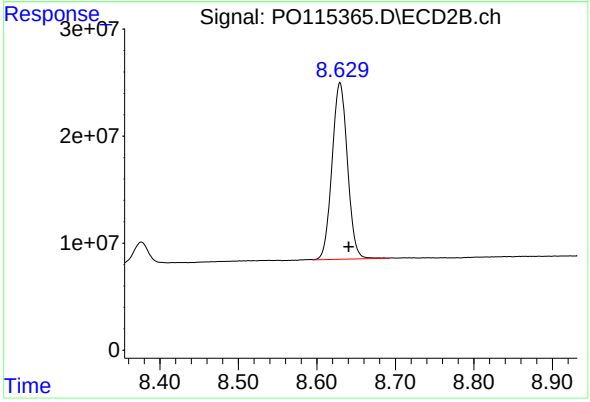
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.006 min
Response: 253770770
Conc: 56.81 ng/ml



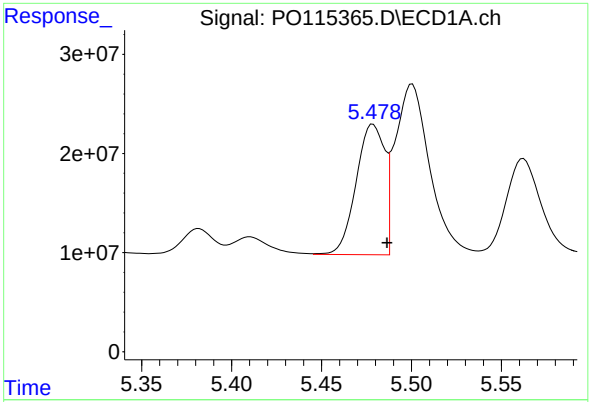
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 262424060
Conc: 59.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.011 min
Response: 225441328
Conc: 57.75 ng/ml



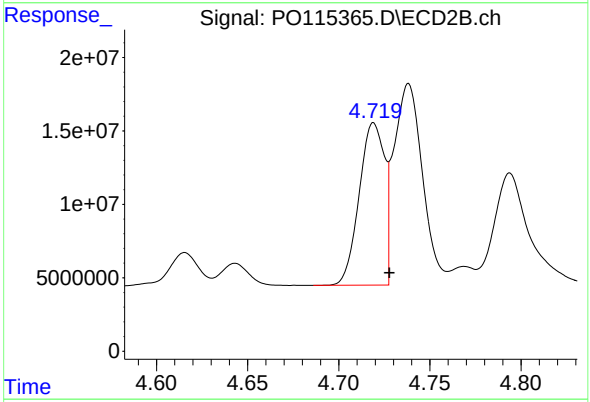
#3 AR-1016-1

R.T.: 5.479 min
Delta R.T.: -0.008 min
Response: 144949478
Conc: 589.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

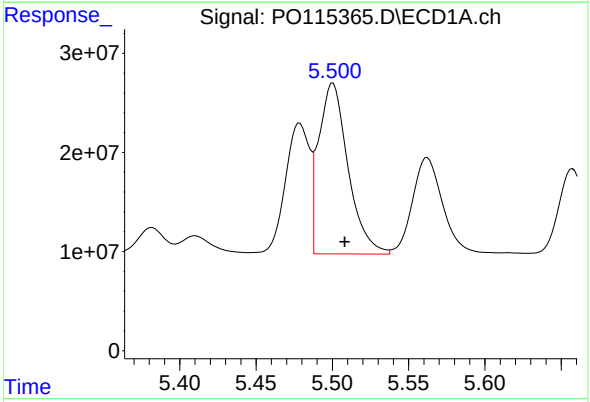
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



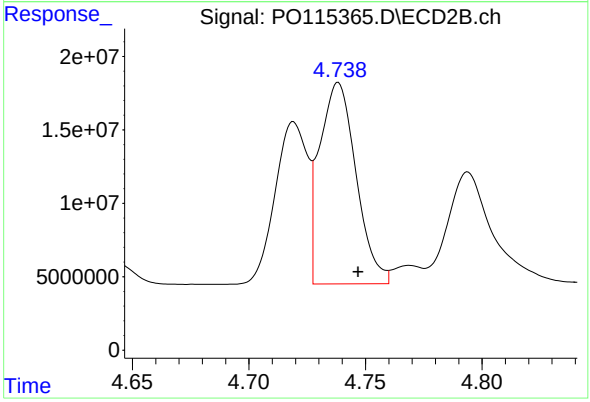
#3 AR-1016-1

R.T.: 4.719 min
Delta R.T.: -0.009 min
Response: 106776093
Conc: 561.22 ng/ml



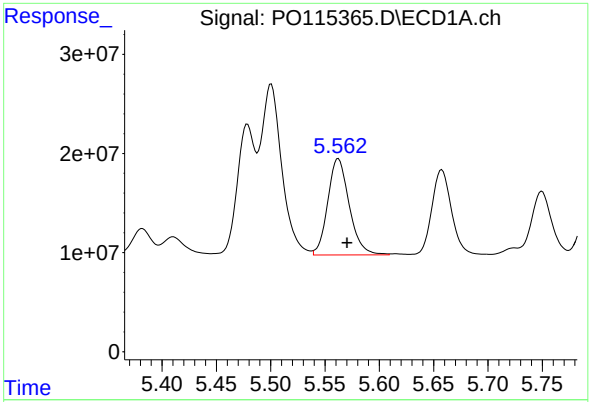
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 231255050
Conc: 582.40 ng/ml



#4 AR-1016-2

R.T.: 4.738 min
Delta R.T.: -0.009 min
Response: 149361750
Conc: 551.43 ng/ml



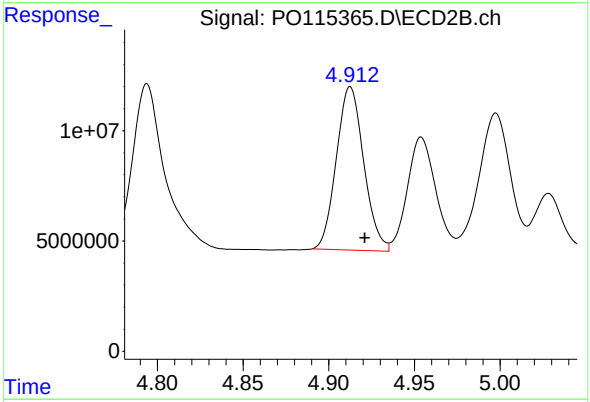
#5 AR-1016-3

R.T.: 5.562 min
Delta R.T.: -0.009 min
Response: 133687341
Conc: 599.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

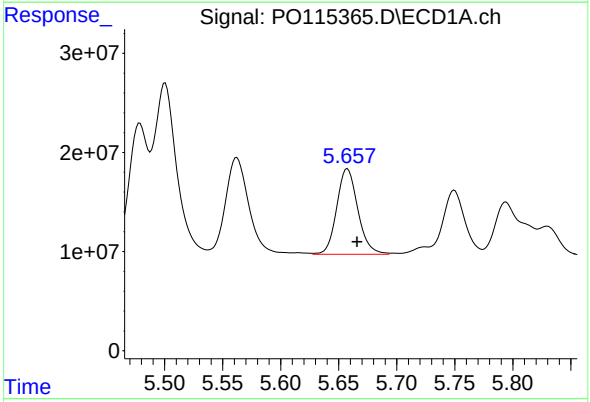
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



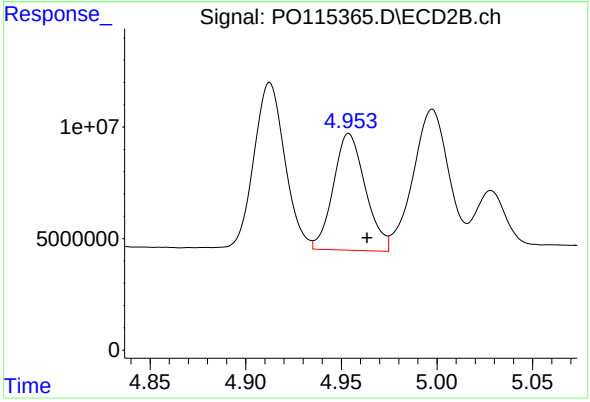
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 82466138
Conc: 557.30 ng/ml



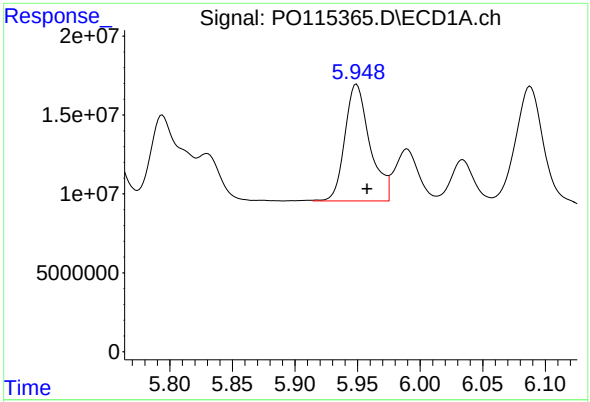
#6 AR-1016-4

R.T.: 5.657 min
Delta R.T.: -0.009 min
Response: 109383884
Conc: 579.13 ng/ml m



#6 AR-1016-4

R.T.: 4.954 min
Delta R.T.: -0.010 min
Response: 61062807
Conc: 520.05 ng/ml



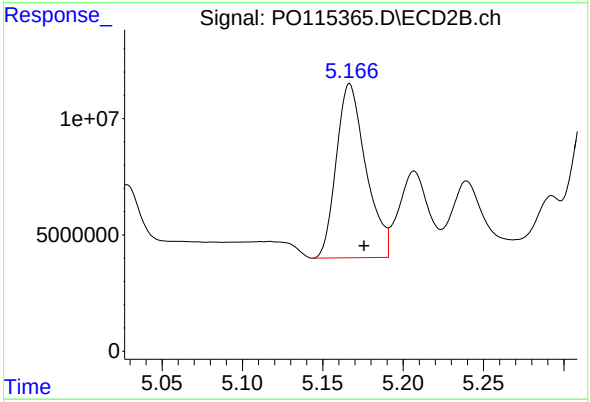
#7 AR-1016-5

R.T.: 5.948 min
Delta R.T.: -0.009 min
Response: 102520721
Conc: 575.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

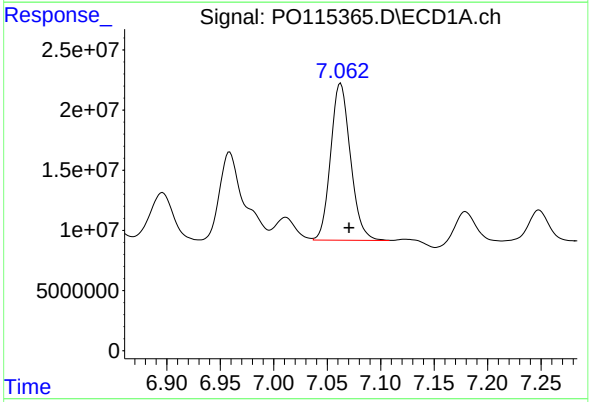
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



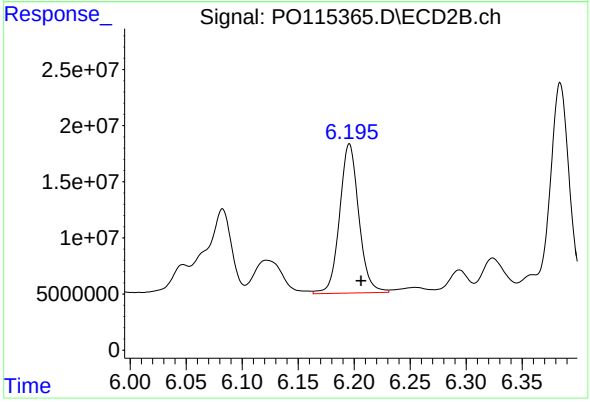
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.009 min
Response: 95956425
Conc: 628.34 ng/ml



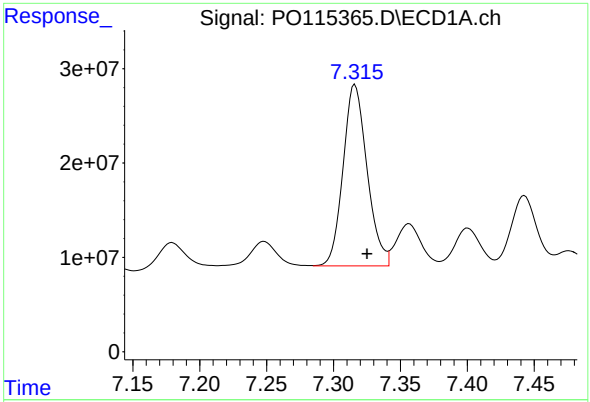
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 167967882
Conc: 549.57 ng/ml m



#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.010 min
Response: 158434185
Conc: 535.06 ng/ml



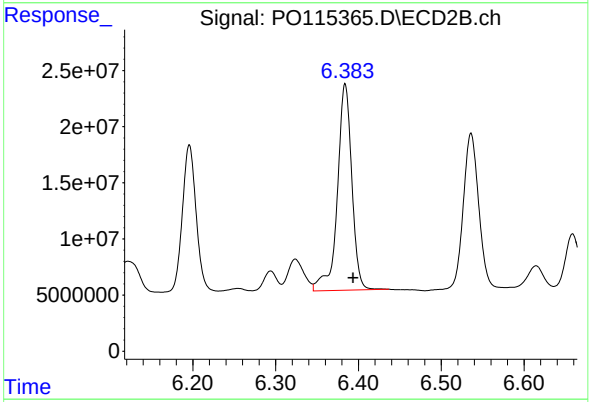
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 240925919
Conc: 608.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

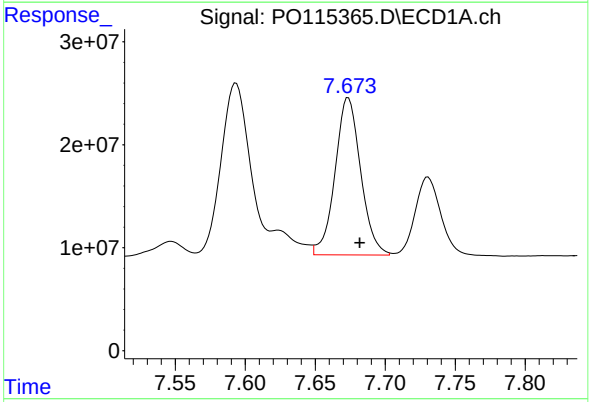
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



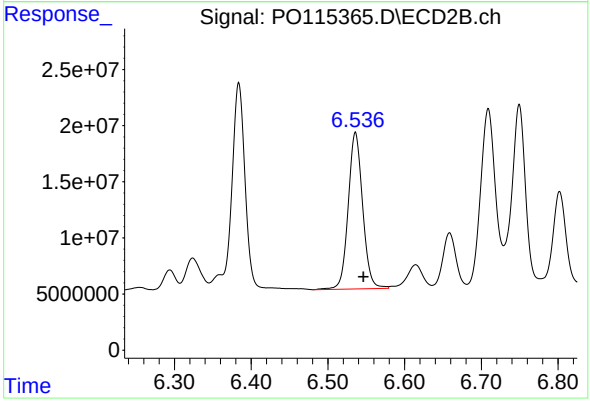
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 223069754
Conc: 518.73 ng/ml



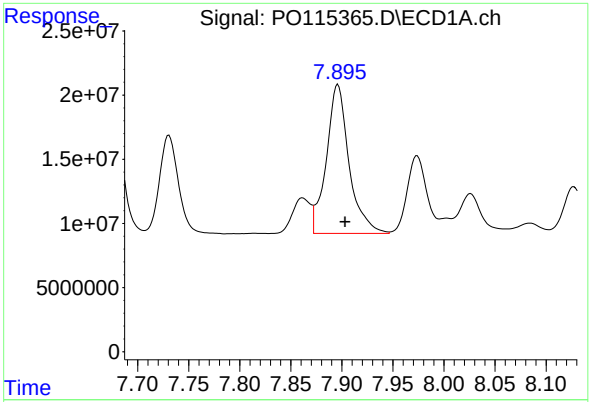
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 193950967
Conc: 584.51 ng/ml m



#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.010 min
Response: 183729273
Conc: 523.22 ng/ml



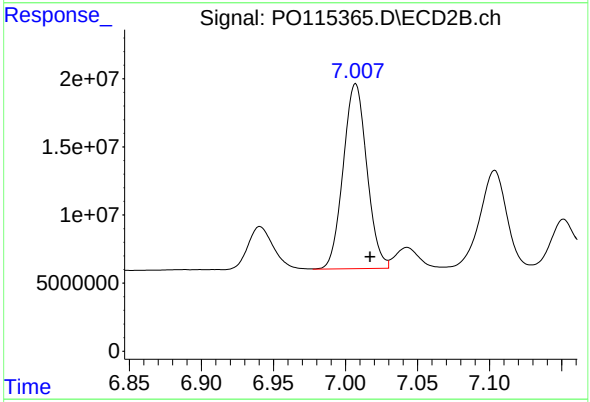
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 179344211
Conc: 587.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

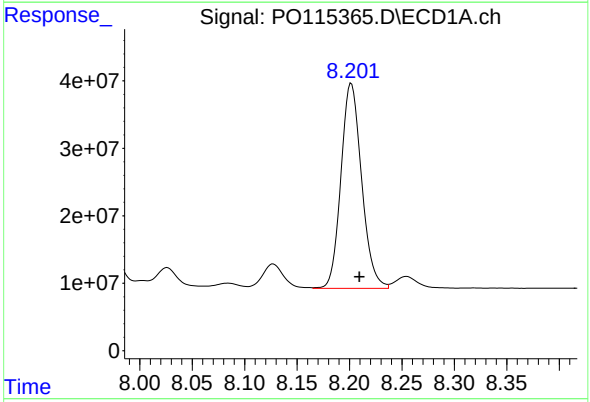
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



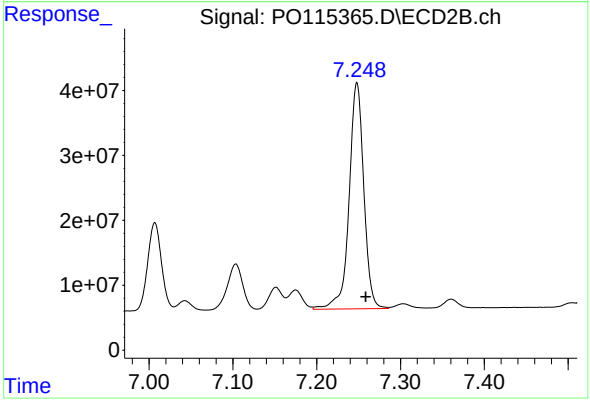
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 155606169
Conc: 513.50 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.008 min
Response: 416944153
Conc: 584.60 ng/ml



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 424756574
Conc: 516.97 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/25/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 09:23 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.91	9.93	9.83	10.03	0.02

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/25/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 09:23 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.02
Aroclor-1260-1	(1)	6.19	6.21	6.11	6.31	0.02
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.53	6.55	6.45	6.65	0.02
Aroclor-1260-4	(4)	7.00	7.02	6.92	7.12	0.02
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.02
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115388.D **Time Analyzed:** 09:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.476	5.387	5.587	499.290	500.000	-0.1
Aroclor-1016-2	5.498	5.408	5.608	490.880	500.000	-1.8
Aroclor-1016-3	5.560	5.470	5.670	508.310	500.000	1.7
Aroclor-1016-4	5.655	5.566	5.766	496.900	500.000	-0.6
Aroclor-1016-5	5.946	5.858	6.058	489.140	500.000	-2.2
Aroclor-1260-1	7.060	6.971	7.171	482.060	500.000	-3.6
Aroclor-1260-2	7.315	7.225	7.425	527.210	500.000	5.4
Aroclor-1260-3	7.672	7.582	7.782	509.680	500.000	1.9
Aroclor-1260-4	7.893	7.803	8.003	495.720	500.000	-0.9
Aroclor-1260-5	8.199	8.110	8.310	492.250	500.000	-1.6
Decachlorobiphenyl	9.914	9.830	10.030	56.740	50.000	13.5
Tetrachloro-m-xylene	4.337	4.248	4.448	55.780	50.000	11.6

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115388.D **Time Analyzed:** 09:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.717	4.628	4.828	468.150	500.000	-6.4
Aroclor-1016-2	4.736	4.647	4.847	473.080	500.000	-5.4
Aroclor-1016-3	4.910	4.821	5.021	460.820	500.000	-7.8
Aroclor-1016-4	4.952	4.864	5.064	453.950	500.000	-9.2
Aroclor-1016-5	5.165	5.076	5.276	500.340	500.000	0.1
Aroclor-1260-1	6.194	6.106	6.306	429.990	500.000	-14.0
Aroclor-1260-2	6.381	6.294	6.494	413.520	500.000	-17.3
Aroclor-1260-3	6.533	6.446	6.646	443.430	500.000	-11.3
Aroclor-1260-4	7.004	6.917	7.117	426.740	500.000	-14.7
Aroclor-1260-5	7.245	7.158	7.358	427.770	500.000	-14.4
Decachlorobiphenyl	8.626	8.541	8.741	55.970	50.000	11.9
Tetrachloro-m-xylene	3.641	3.548	3.748	53.620	50.000	7.2

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 09:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 03:51:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.337	3.641	392.6E6	239.5E6	55.782	53.615
2)	SA Decachlor...	9.914	8.626	250.8E6	218.5E6	56.741	55.973
	Target Compounds						
3)	L1 AR-1016-1	5.476	4.717	122.8E6	89068263	499.291	468.151m
4)	L1 AR-1016-2	5.498	4.736	194.9E6	128.1E6	490.880	473.079
5)	L1 AR-1016-3	5.560	4.910	113.4E6	68189528	508.311	460.824
6)	L1 AR-1016-4	5.655	4.952	93851997	53301831	496.900	453.950
7)	L1 AR-1016-5	5.946	5.165	87164207	76408865	489.145	500.341
31)	L7 AR-1260-1	7.060	6.194	147.3E6	127.3E6	482.063	429.990
32)	L7 AR-1260-2	7.315	6.381	208.7E6	177.8E6	527.214	413.518
33)	L7 AR-1260-3	7.672	6.533	169.1E6	155.7E6	509.678	443.426
34)	L7 AR-1260-4	7.893	7.004	151.2E6	129.3E6	495.720	426.736
35)	L7 AR-1260-5	8.199	7.245	351.1E6	351.5E6	492.250	427.768

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 09:23
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

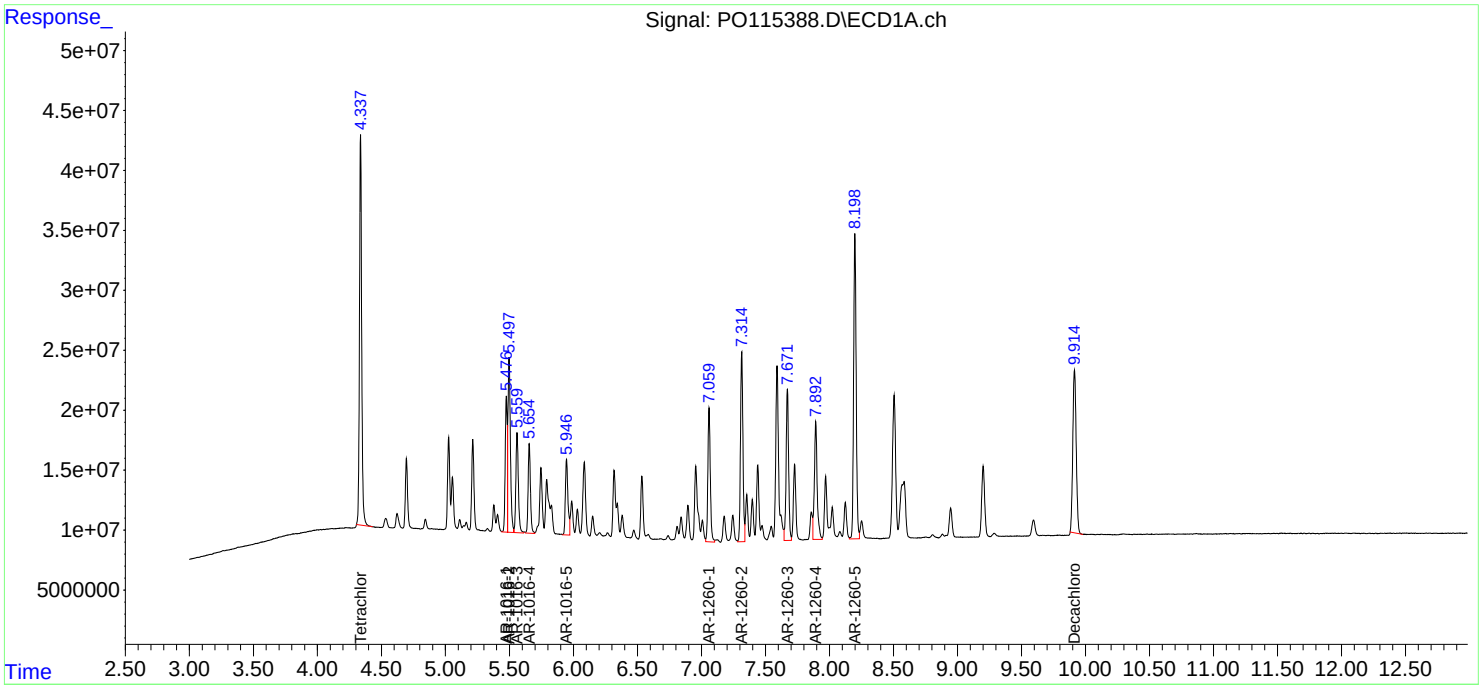
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

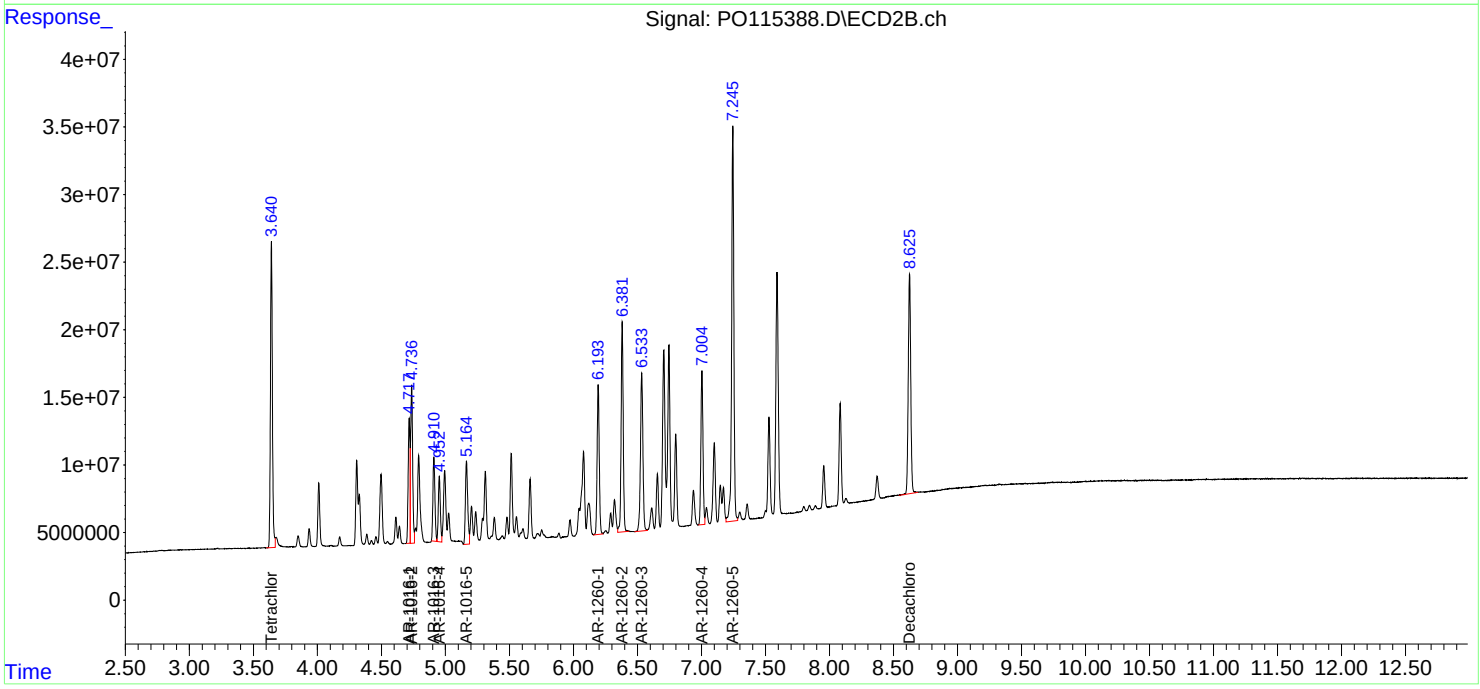
Manual Integrations APPROVED

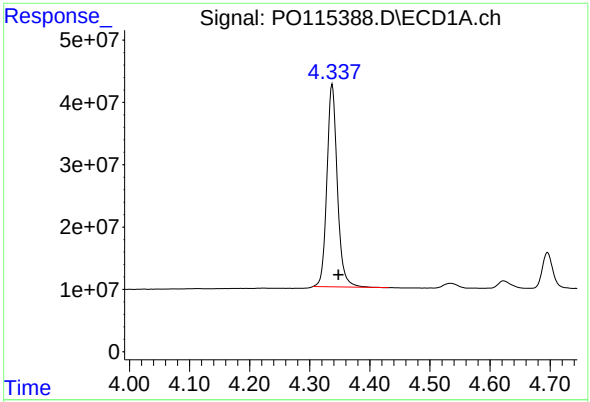
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 03:51:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







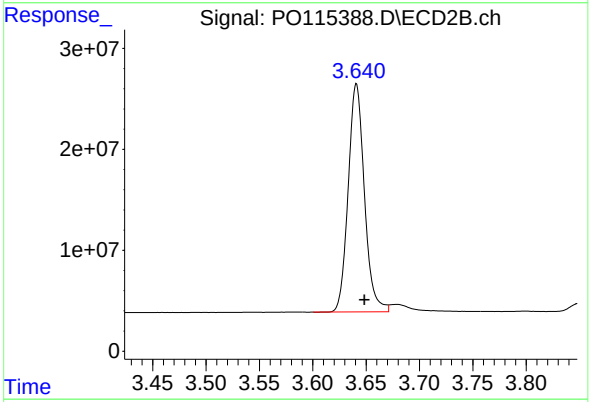
#1 Tetrachloro-m-xylene

R.T.: 4.337 min
Delta R.T.: -0.011 min
Response: 392602854
Conc: 55.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

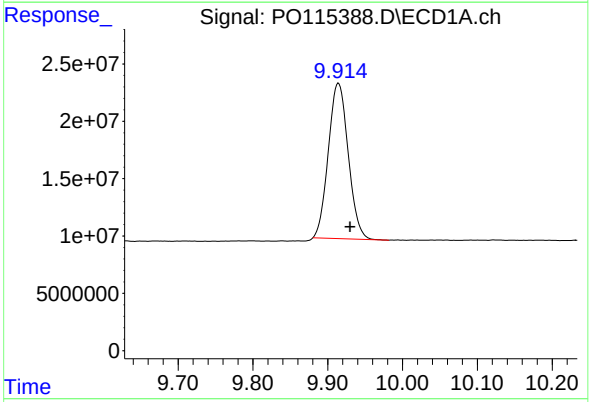
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



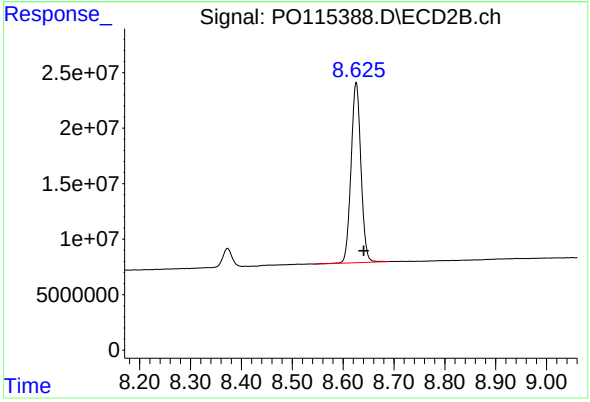
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: -0.007 min
Response: 239486396
Conc: 53.62 ng/ml



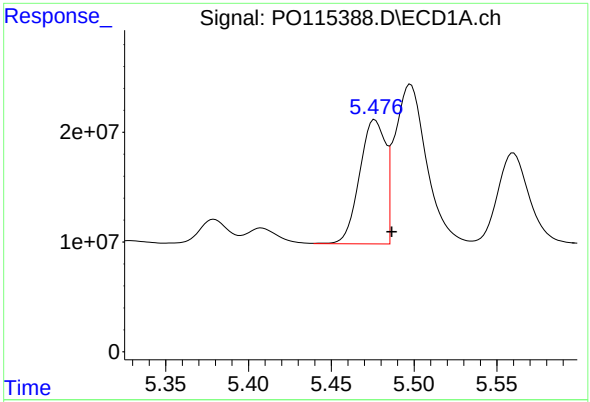
#2 Decachlorobiphenyl

R.T.: 9.914 min
Delta R.T.: -0.016 min
Response: 250808655
Conc: 56.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.626 min
Delta R.T.: -0.015 min
Response: 218509670
Conc: 55.97 ng/ml



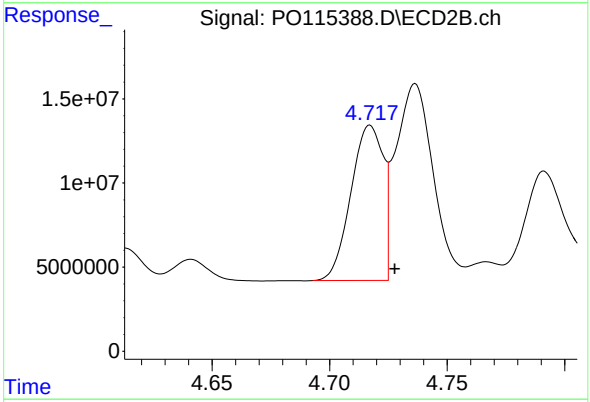
#3 AR-1016-1

R.T.: 5.476 min
Delta R.T.: -0.010 min
Response: 122835580
Conc: 499.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

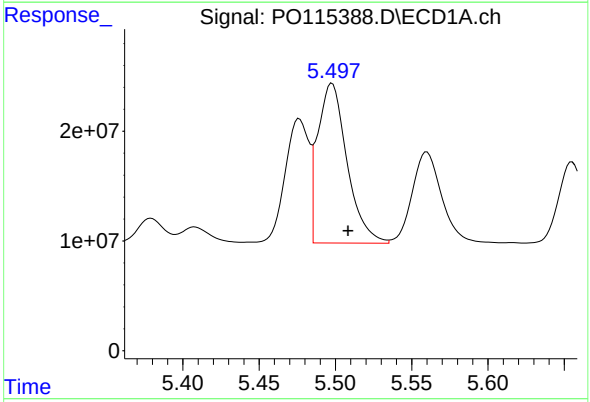
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



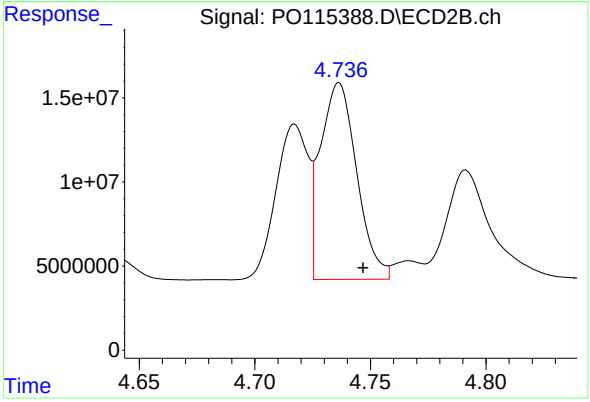
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: -0.011 min
Response: 89068263
Conc: 468.15 ng/ml m



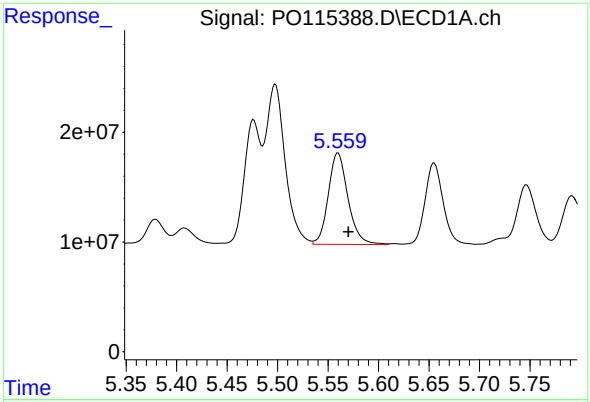
#4 AR-1016-2

R.T.: 5.498 min
Delta R.T.: -0.010 min
Response: 194914315
Conc: 490.88 ng/ml



#4 AR-1016-2

R.T.: 4.736 min
Delta R.T.: -0.010 min
Response: 128140322
Conc: 473.08 ng/ml



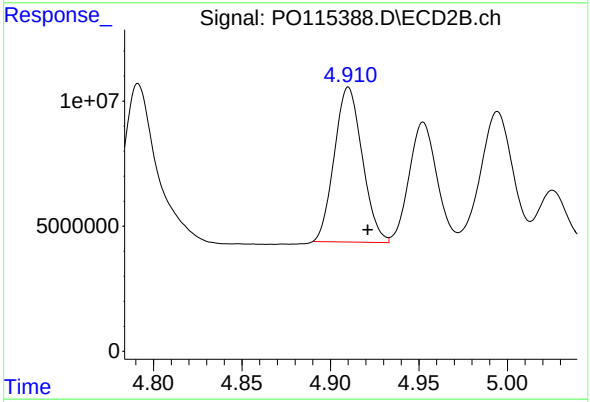
#5 AR-1016-3

R.T.: 5.560 min
Delta R.T.: -0.010 min
Response: 113353873
Conc: 508.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

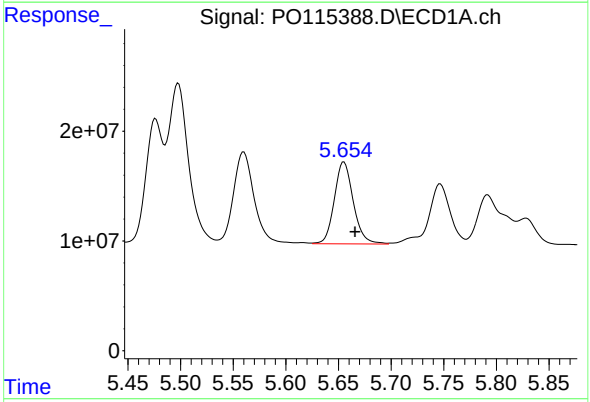
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



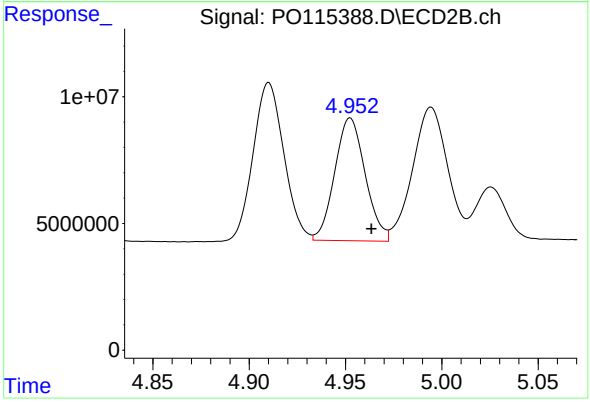
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: -0.011 min
Response: 68189528
Conc: 460.82 ng/ml



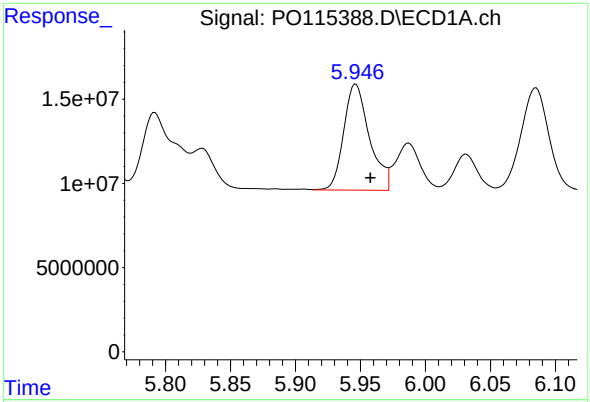
#6 AR-1016-4

R.T.: 5.655 min
Delta R.T.: -0.011 min
Response: 93851997
Conc: 496.90 ng/ml



#6 AR-1016-4

R.T.: 4.952 min
Delta R.T.: -0.011 min
Response: 53301831
Conc: 453.95 ng/ml



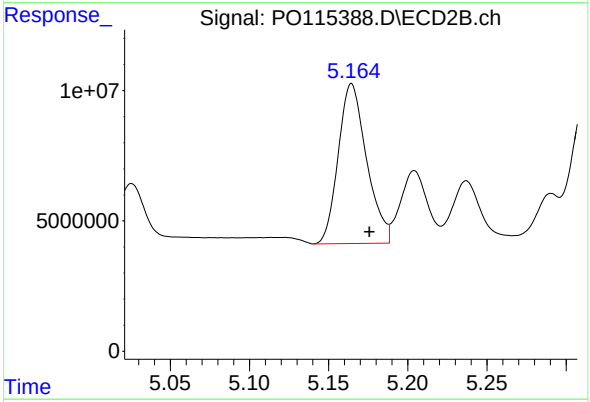
#7 AR-1016-5

R.T.: 5.946 min
Delta R.T.: -0.011 min
Response: 87164207
Conc: 489.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

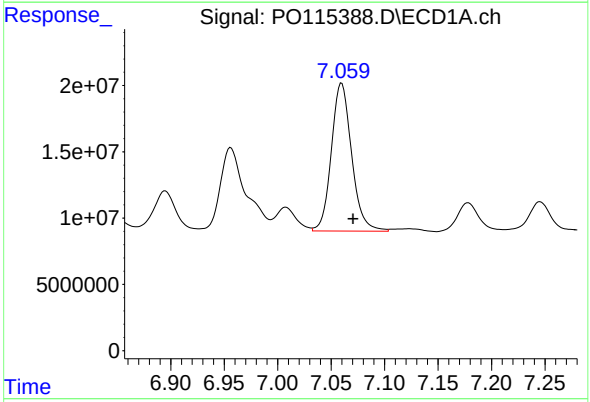
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



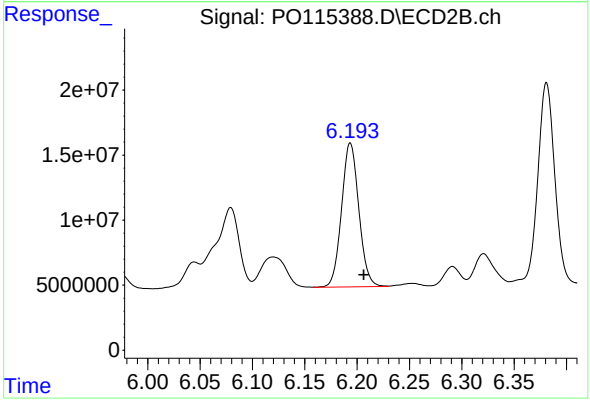
#7 AR-1016-5

R.T.: 5.165 min
Delta R.T.: -0.011 min
Response: 76408865
Conc: 500.34 ng/ml



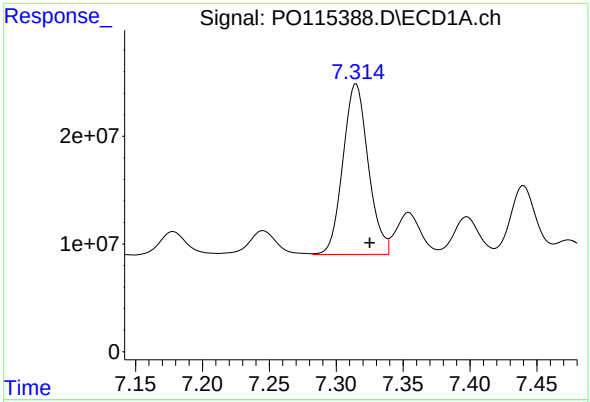
#31 AR-1260-1

R.T.: 7.060 min
Delta R.T.: -0.011 min
Response: 147334499
Conc: 482.06 ng/ml



#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.013 min
Response: 127323381
Conc: 429.99 ng/ml



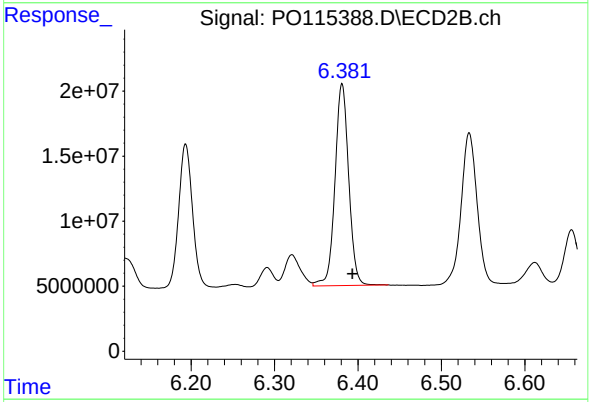
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 208712047
Conc: 527.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

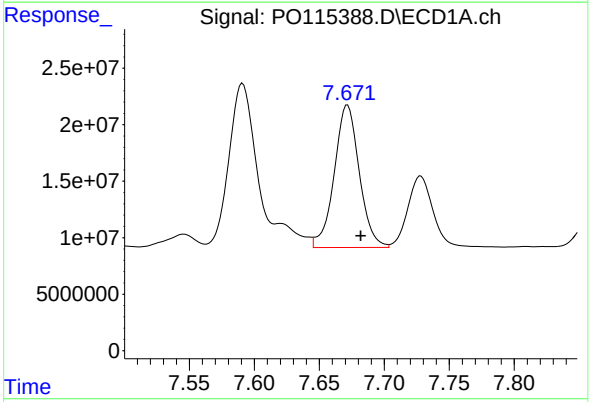
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



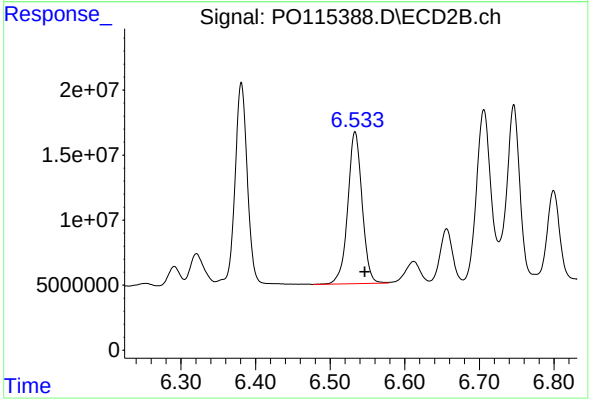
#32 AR-1260-2

R.T.: 6.381 min
Delta R.T.: -0.013 min
Response: 177825516
Conc: 413.52 ng/ml



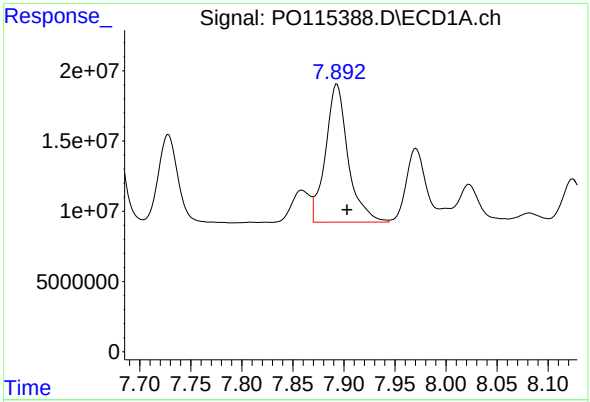
#33 AR-1260-3

R.T.: 7.672 min
Delta R.T.: -0.010 min
Response: 169120322
Conc: 509.68 ng/ml



#33 AR-1260-3

R.T.: 6.533 min
Delta R.T.: -0.013 min
Response: 155709591
Conc: 443.43 ng/ml



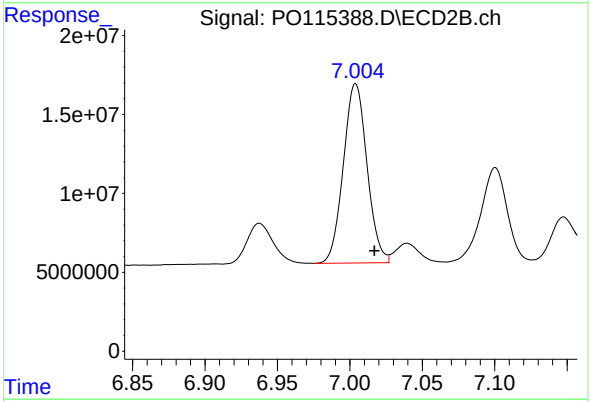
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 151204608
Conc: 495.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

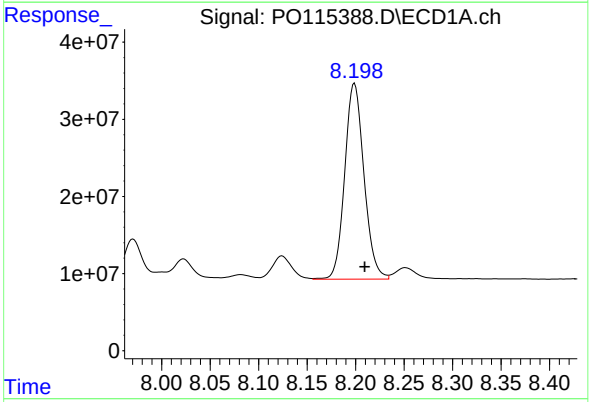
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



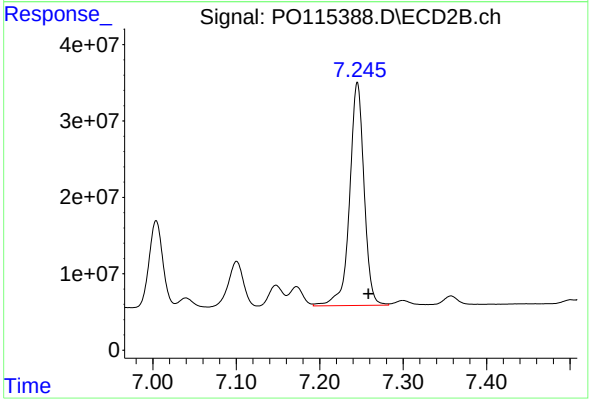
#34 AR-1260-4

R.T.: 7.004 min
Delta R.T.: -0.013 min
Response: 129313125
Conc: 426.74 ng/ml



#35 AR-1260-5

R.T.: 8.199 min
Delta R.T.: -0.011 min
Response: 351081533
Conc: 492.25 ng/ml



#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.013 min
Response: 351465995
Conc: 427.77 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/25/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 14:19 **Initial Calibration Time(s):** 09:39 18:31

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)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.31	7.33	7.23	7.43	0.02
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.91	9.93	9.83	10.03	0.02

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/25/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 14:19 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.02
Aroclor-1260-1	(1)	6.19	6.21	6.11	6.31	0.02
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.53	6.55	6.45	6.65	0.02
Aroclor-1260-4	(4)	7.00	7.02	6.92	7.12	0.02
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.02
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115403.D **Time Analyzed:** 14:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.477	5.387	5.587	479.830	500.000	-4.0
Aroclor-1016-2	5.498	5.408	5.608	473.500	500.000	-5.3
Aroclor-1016-3	5.560	5.470	5.670	488.200	500.000	-2.4
Aroclor-1016-4	5.655	5.566	5.766	473.400	500.000	-5.3
Aroclor-1016-5	5.947	5.858	6.058	473.890	500.000	-5.2
Aroclor-1260-1	7.060	6.971	7.171	463.500	500.000	-7.3
Aroclor-1260-2	7.314	7.225	7.425	509.080	500.000	1.8
Aroclor-1260-3	7.672	7.582	7.782	489.930	500.000	-2.0
Aroclor-1260-4	7.893	7.803	8.003	476.400	500.000	-4.7
Aroclor-1260-5	8.199	8.110	8.310	477.550	500.000	-4.5
Decachlorobiphenyl	9.913	9.830	10.030	56.490	50.000	13.0
Tetrachloro-m-xylene	4.338	4.248	4.448	53.990	50.000	8.0

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115403.D **Time Analyzed:** 14:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.717	4.628	4.828	457.180	500.000	-8.6
Aroclor-1016-2	4.737	4.647	4.847	461.940	500.000	-7.6
Aroclor-1016-3	4.911	4.821	5.021	452.860	500.000	-9.4
Aroclor-1016-4	4.953	4.864	5.064	446.600	500.000	-10.7
Aroclor-1016-5	5.165	5.076	5.276	489.020	500.000	-2.2
Aroclor-1260-1	6.193	6.106	6.306	423.900	500.000	-15.2
Aroclor-1260-2	6.381	6.294	6.494	404.140	500.000	-19.2
Aroclor-1260-3	6.533	6.446	6.646	432.610	500.000	-13.5
Aroclor-1260-4	7.004	6.917	7.117	416.430	500.000	-16.7
Aroclor-1260-5	7.245	7.158	7.358	418.550	500.000	-16.3
Decachlorobiphenyl	8.625	8.541	8.741	54.730	50.000	9.5
Tetrachloro-m-xylene	3.642	3.548	3.748	52.230	50.000	4.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 14:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 03:56:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.338	3.642	380.0E6	233.3E6	53.986	52.234
2)	SA Decachlor...	9.913	8.625	249.7E6	213.7E6	56.491m	54.732
	Target Compounds						
3)	L1 AR-1016-1	5.477	4.717	118.0E6	86980352	479.834	457.177m
4)	L1 AR-1016-2	5.498	4.737	188.0E6	125.1E6	473.498	461.942
5)	L1 AR-1016-3	5.560	4.911	108.9E6	67011250	488.198	452.861
6)	L1 AR-1016-4	5.655	4.953	89413900	52439294	473.402	446.604
7)	L1 AR-1016-5	5.947	5.165	84445868	74680423	473.890	489.023
31)	L7 AR-1260-1	7.060	6.193	141.7E6	125.5E6	463.500	423.905
32)	L7 AR-1260-2	7.314	6.381	201.5E6	173.8E6	509.083	404.140
33)	L7 AR-1260-3	7.672	6.533	162.6E6	151.9E6	489.932	432.606
34)	L7 AR-1260-4	7.893	7.004	145.3E6	126.2E6	476.396	416.434
35)	L7 AR-1260-5	8.199	7.245	340.6E6	343.9E6	477.552	418.553

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 14:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

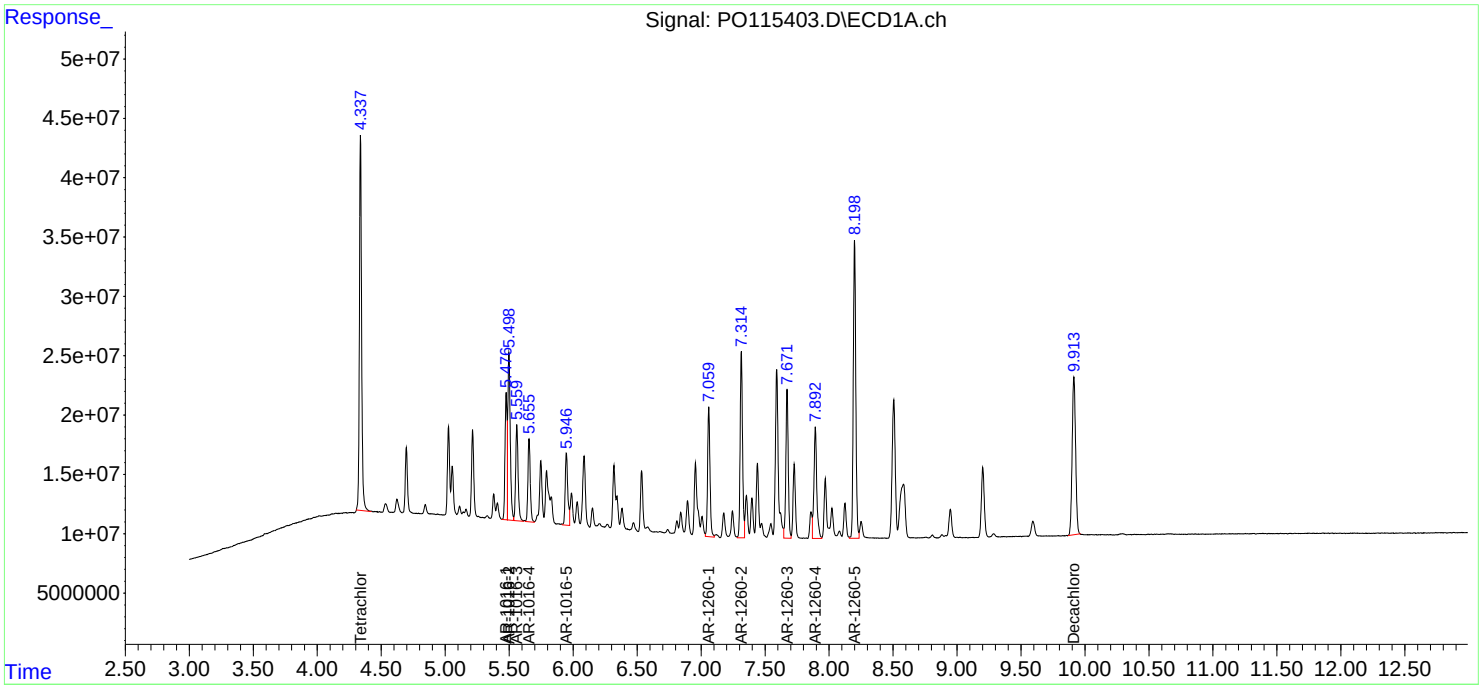
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

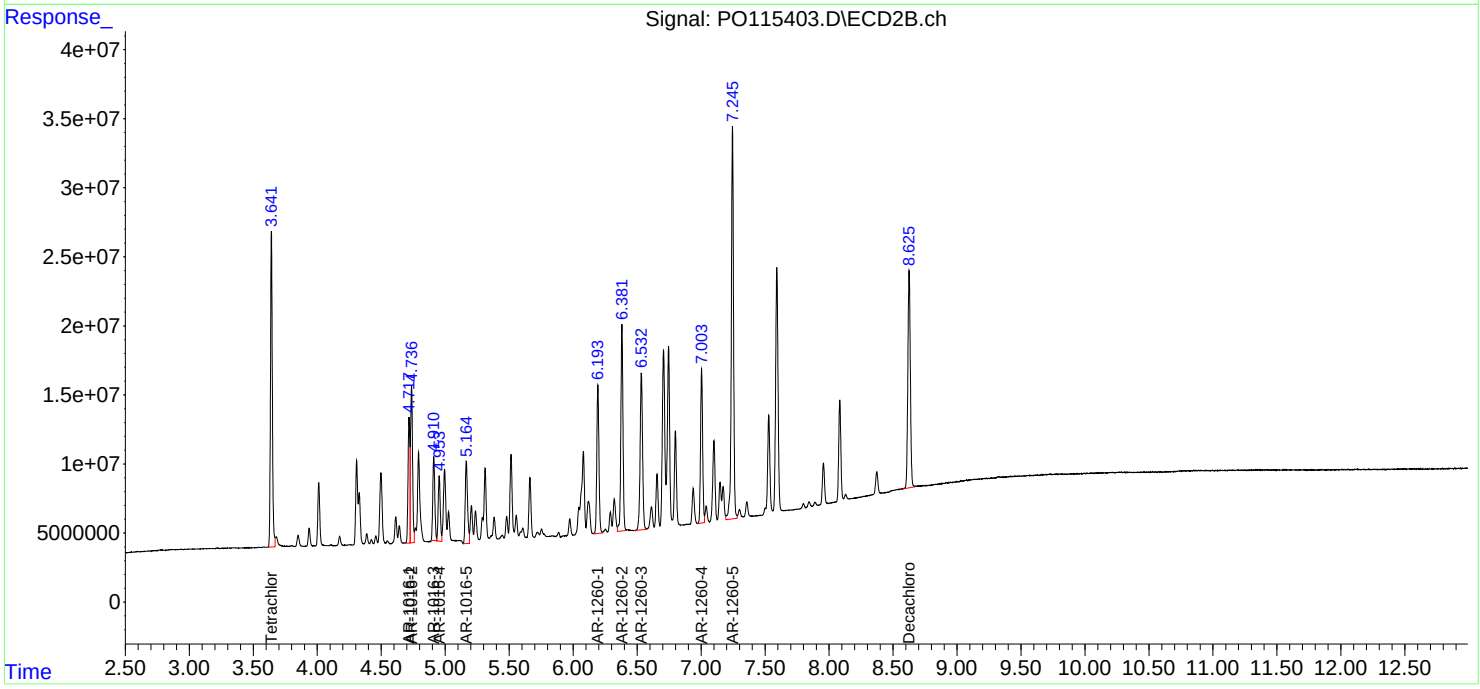
Manual Integrations APPROVED

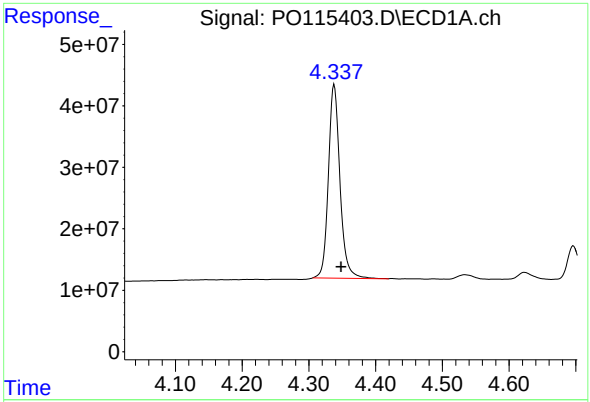
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 03:56:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







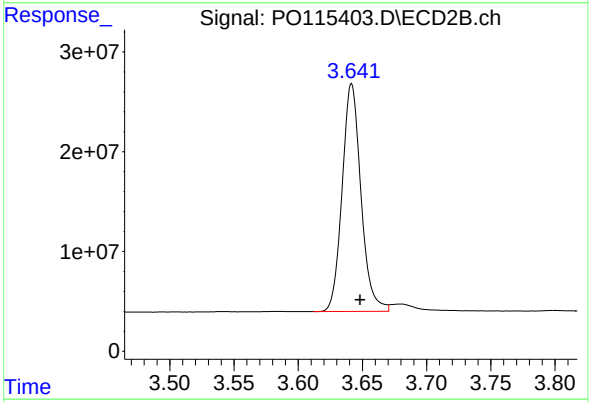
#1 Tetrachloro-m-xylene

R.T.: 4.338 min
Delta R.T.: -0.010 min
Response: 379960555
Conc: 53.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

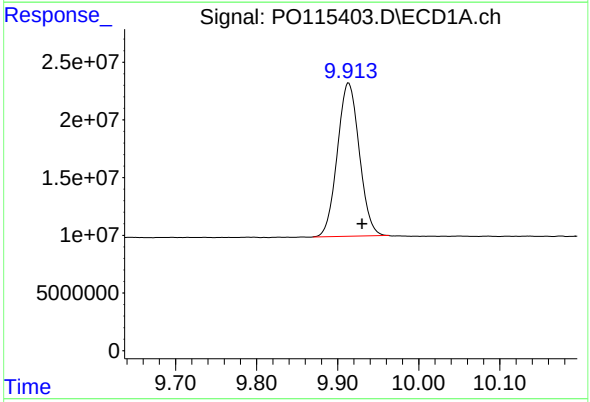
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



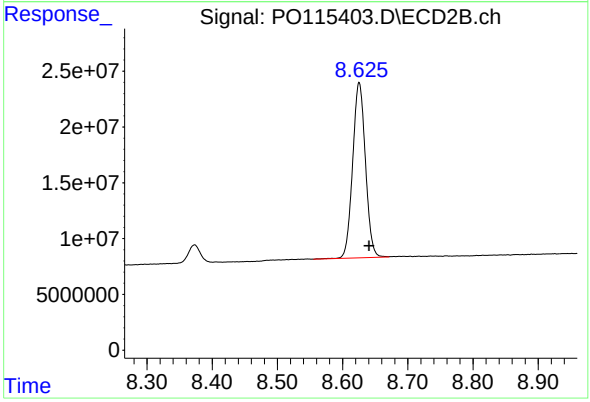
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.007 min
Response: 233318573
Conc: 52.23 ng/ml



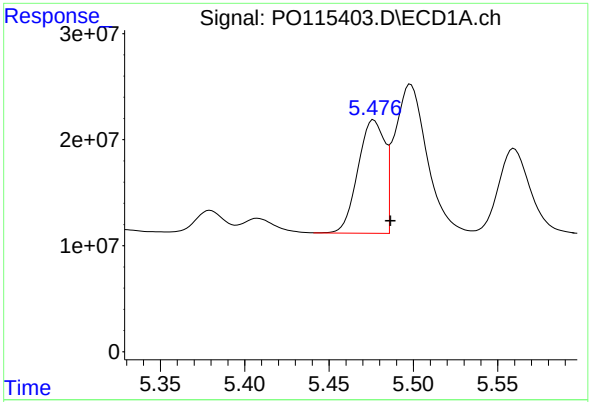
#2 Decachlorobiphenyl

R.T.: 9.913 min
Delta R.T.: -0.017 min
Response: 249702394
Conc: 56.49 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.625 min
Delta R.T.: -0.015 min
Response: 213664258
Conc: 54.73 ng/ml



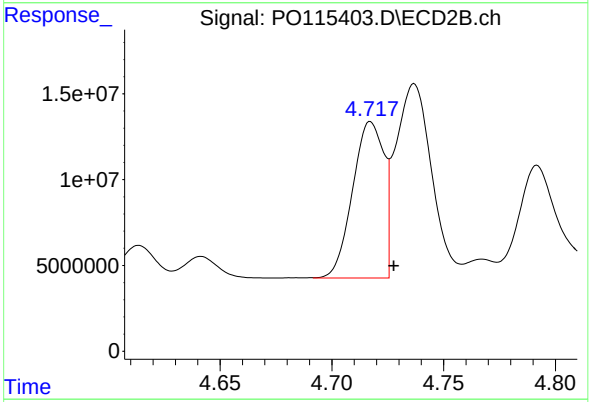
#3 AR-1016-1

R.T.: 5.477 min
Delta R.T.: -0.010 min
Response: 118048840
Conc: 479.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

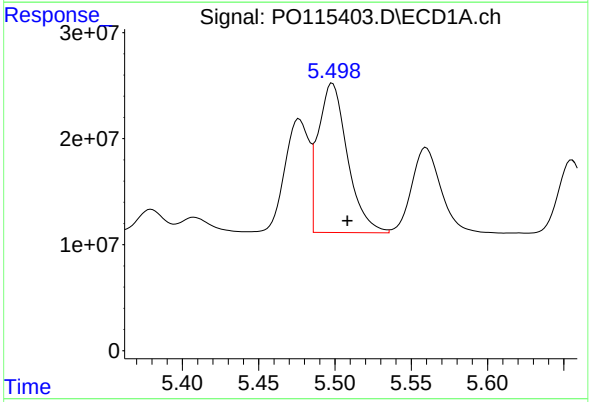
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



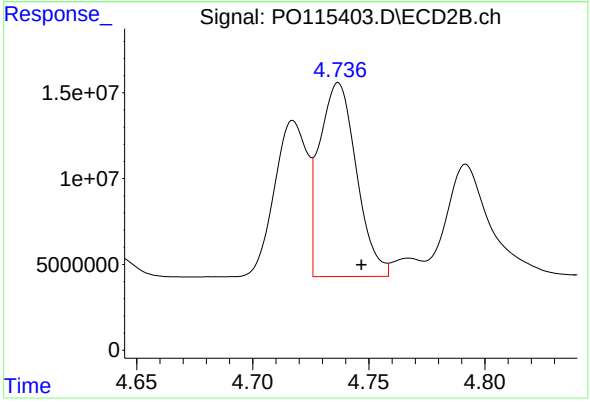
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: -0.011 min
Response: 86980352
Conc: 457.18 ng/ml m



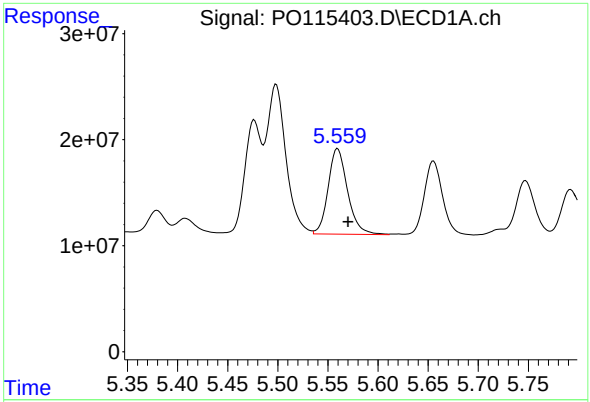
#4 AR-1016-2

R.T.: 5.498 min
Delta R.T.: -0.010 min
Response: 188012164
Conc: 473.50 ng/ml



#4 AR-1016-2

R.T.: 4.737 min
Delta R.T.: -0.010 min
Response: 125123740
Conc: 461.94 ng/ml



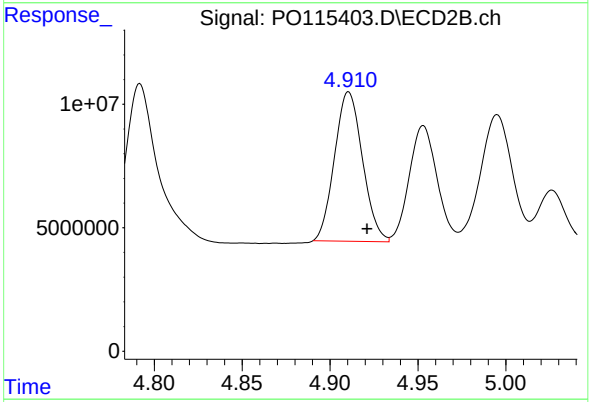
#5 AR-1016-3

R.T.: 5.560 min
Delta R.T.: -0.011 min
Response: 108868662
Conc: 488.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

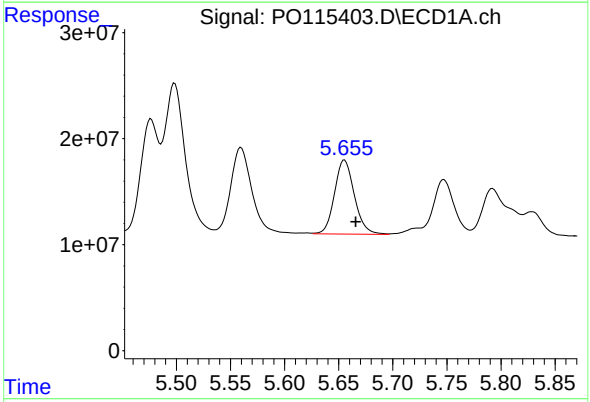
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



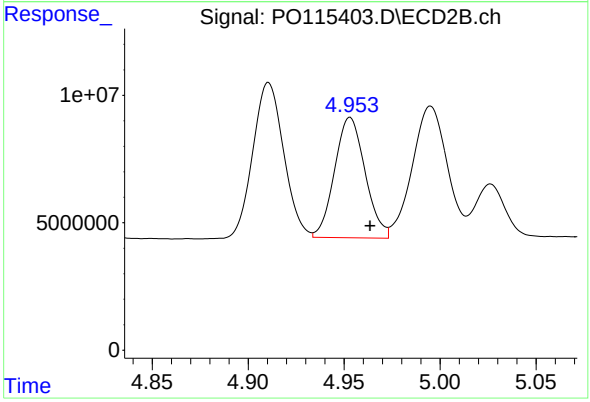
#5 AR-1016-3

R.T.: 4.911 min
Delta R.T.: -0.010 min
Response: 67011250
Conc: 452.86 ng/ml



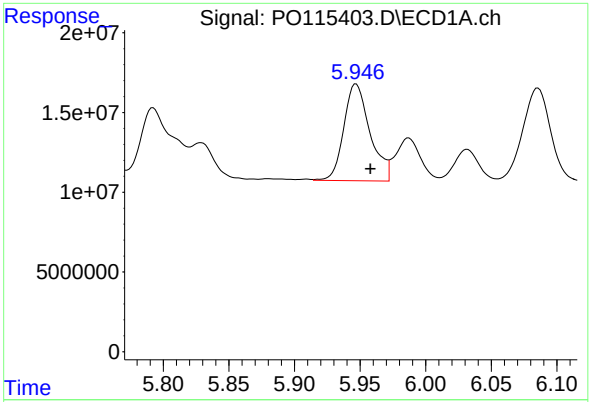
#6 AR-1016-4

R.T.: 5.655 min
Delta R.T.: -0.011 min
Response: 89413900
Conc: 473.40 ng/ml



#6 AR-1016-4

R.T.: 4.953 min
Delta R.T.: -0.010 min
Response: 52439294
Conc: 446.60 ng/ml



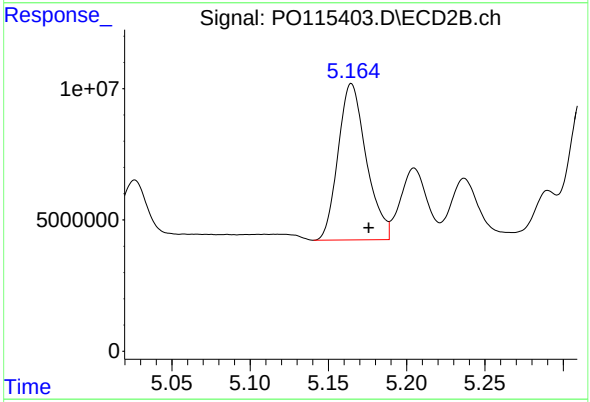
#7 AR-1016-5

R.T.: 5.947 min
Delta R.T.: -0.011 min
Response: 84445868
Conc: 473.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

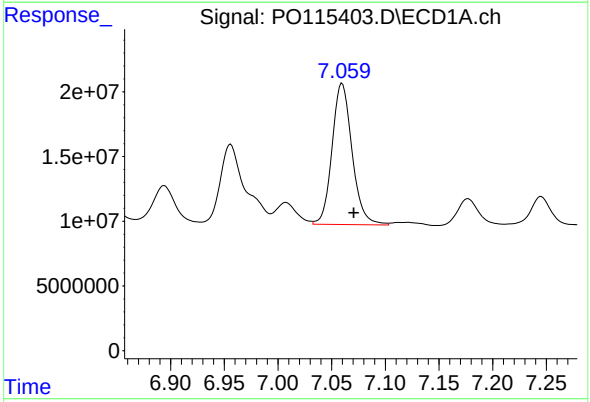
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



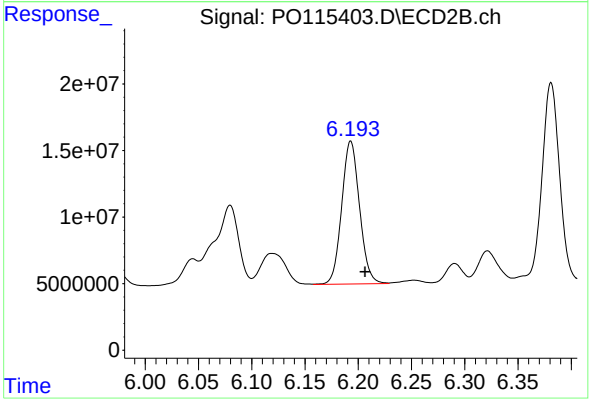
#7 AR-1016-5

R.T.: 5.165 min
Delta R.T.: -0.011 min
Response: 74680423
Conc: 489.02 ng/ml



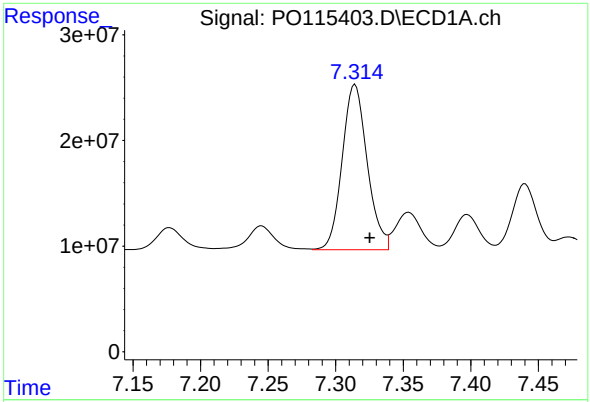
#31 AR-1260-1

R.T.: 7.060 min
Delta R.T.: -0.011 min
Response: 141661003
Conc: 463.50 ng/ml



#31 AR-1260-1

R.T.: 6.193 min
Delta R.T.: -0.013 min
Response: 125521404
Conc: 423.90 ng/ml



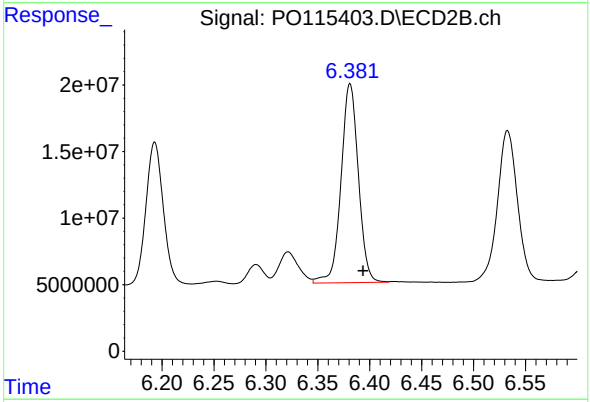
#32 AR-1260-2

R.T.: 7.314 min
Delta R.T.: -0.011 min
Response: 201534385
Conc: 509.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

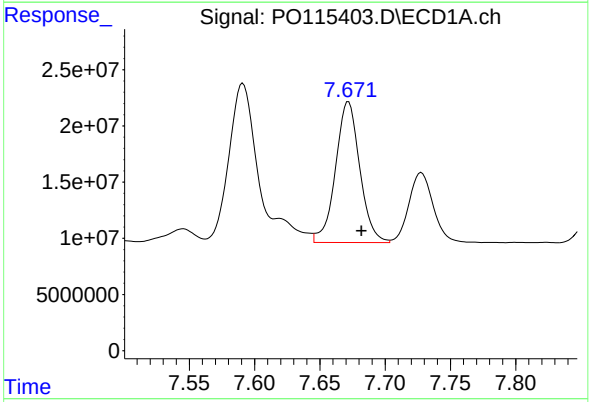
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



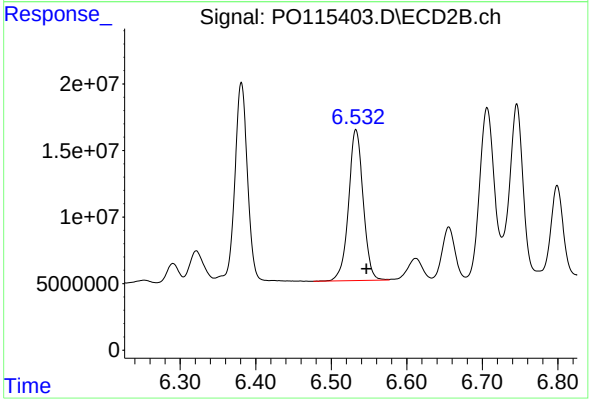
#32 AR-1260-2

R.T.: 6.381 min
Delta R.T.: -0.012 min
Response: 173792942
Conc: 404.14 ng/ml



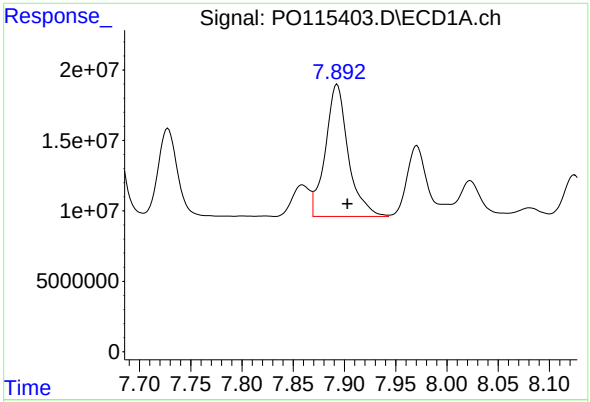
#33 AR-1260-3

R.T.: 7.672 min
Delta R.T.: -0.010 min
Response: 162568279
Conc: 489.93 ng/ml



#33 AR-1260-3

R.T.: 6.533 min
Delta R.T.: -0.014 min
Response: 151910255
Conc: 432.61 ng/ml



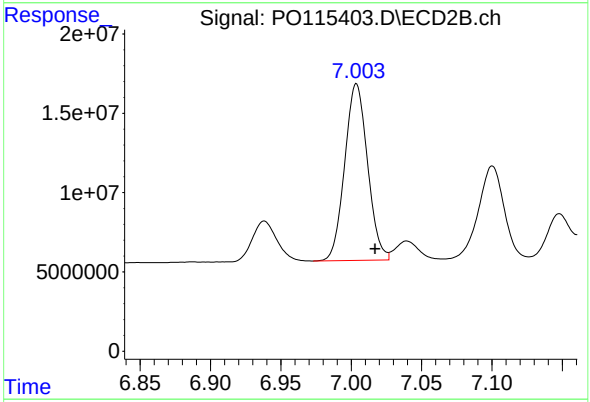
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 145310208
Conc: 476.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

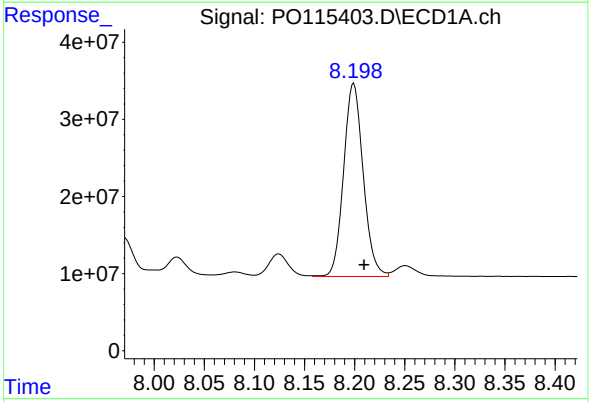
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



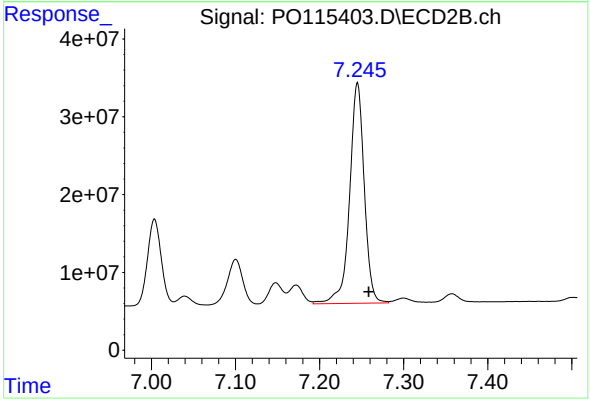
#34 AR-1260-4

R.T.: 7.004 min
Delta R.T.: -0.013 min
Response: 126191530
Conc: 416.43 ng/ml



#35 AR-1260-5

R.T.: 8.199 min
Delta R.T.: -0.010 min
Response: 340599343
Conc: 477.55 ng/ml



#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.013 min
Response: 343894897
Conc: 418.55 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/25/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 19:32 **Initial Calibration Time(s):** 09:39 18:31

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)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.92	9.93	9.83	10.03	0.02

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 11/25/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 19:32 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.02
Aroclor-1260-1	(1)	6.19	6.21	6.11	6.31	0.02
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.53	6.55	6.45	6.65	0.02
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL07 **Date Analyzed:** 11/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115418.D **Time Analyzed:** 19:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.477	5.387	5.587	491.110	500.000	-1.8
Aroclor-1016-2	5.499	5.408	5.608	477.610	500.000	-4.5
Aroclor-1016-3	5.560	5.470	5.670	500.200	500.000	0.0
Aroclor-1016-4	5.656	5.566	5.766	486.130	500.000	-2.8
Aroclor-1016-5	5.948	5.858	6.058	483.490	500.000	-3.3
Aroclor-1260-1	7.061	6.971	7.171	476.420	500.000	-4.7
Aroclor-1260-2	7.315	7.225	7.425	521.470	500.000	4.3
Aroclor-1260-3	7.672	7.582	7.782	502.740	500.000	0.5
Aroclor-1260-4	7.894	7.803	8.003	485.260	500.000	-2.9
Aroclor-1260-5	8.200	8.110	8.310	486.050	500.000	-2.8
Decachlorobiphenyl	9.915	9.830	10.030	56.130	50.000	12.3
Tetrachloro-m-xylene	4.339	4.248	4.448	54.060	50.000	8.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL07 **Date Analyzed:** 11/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115418.D **Time Analyzed:** 19:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.718	4.628	4.828	466.160	500.000	-6.8
Aroclor-1016-2	4.737	4.647	4.847	462.590	500.000	-7.5
Aroclor-1016-3	4.911	4.821	5.021	459.870	500.000	-8.0
Aroclor-1016-4	4.954	4.864	5.064	452.240	500.000	-9.6
Aroclor-1016-5	5.165	5.076	5.276	490.940	500.000	-1.8
Aroclor-1260-1	6.194	6.106	6.306	428.960	500.000	-14.2
Aroclor-1260-2	6.382	6.294	6.494	412.720	500.000	-17.5
Aroclor-1260-3	6.534	6.446	6.646	439.690	500.000	-12.1
Aroclor-1260-4	7.005	6.917	7.117	422.580	500.000	-15.5
Aroclor-1260-5	7.247	7.158	7.358	425.590	500.000	-14.9
Decachlorobiphenyl	8.627	8.541	8.741	55.170	50.000	10.3
Tetrachloro-m-xylene	3.643	3.548	3.748	52.250	50.000	4.5

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 19:32
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: Nov 26 05:01:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.339	3.643	380.5E6	233.4E6	54.063	52.247
2)	SA Decachlor...	9.915	8.627	248.1E6	215.4E6	56.131	55.168
	Target Compounds						
3)	L1 AR-1016-1	5.477	4.718	120.8E6	88690231	491.107	466.164
4)	L1 AR-1016-2	5.499	4.737	189.6E6	125.3E6	477.610	462.586
5)	L1 AR-1016-3	5.560	4.911	111.5E6	68048125	500.203	459.868
6)	L1 AR-1016-4	5.656	4.954	91818140	53101080	486.132	452.240
7)	L1 AR-1016-5	5.948	5.165	86156588	74973223	483.490	490.940
31)	L7 AR-1260-1	7.061	6.194	145.6E6	127.0E6	476.425	428.963
32)	L7 AR-1260-2	7.315	6.382	206.4E6	177.5E6	521.471	412.724
33)	L7 AR-1260-3	7.672	6.534	166.8E6	154.4E6	502.739	439.687
34)	L7 AR-1260-4	7.894	7.005	148.0E6	128.1E6	485.262	422.580
35)	L7 AR-1260-5	8.200	7.247	346.7E6	349.7E6	486.054	425.595

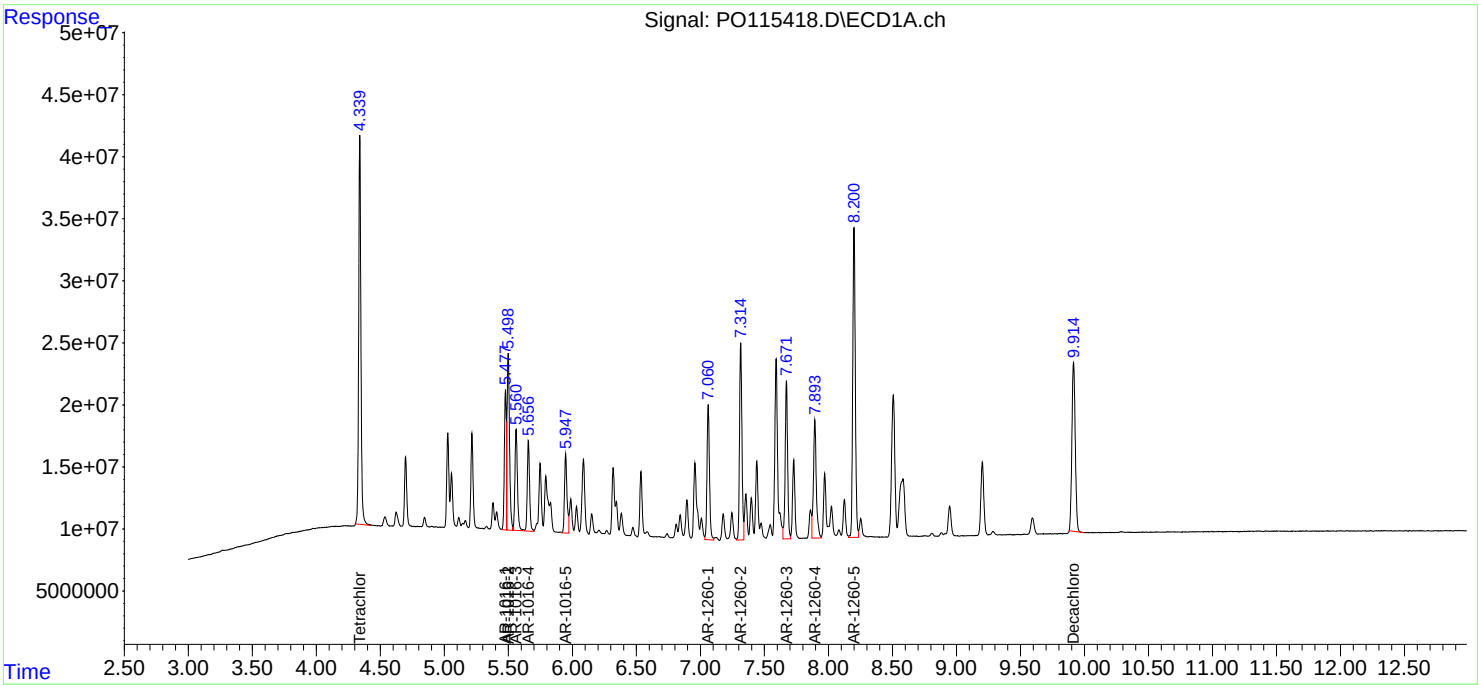
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

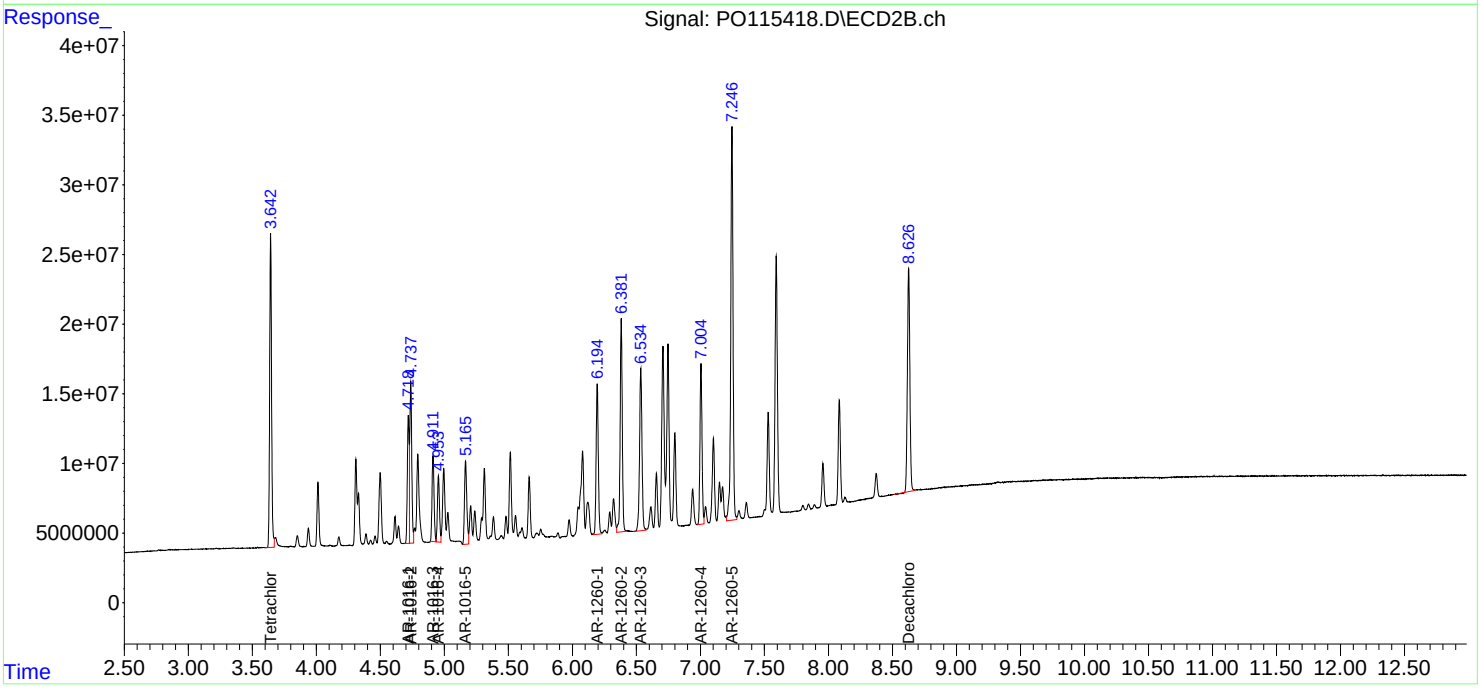
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 19:32
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

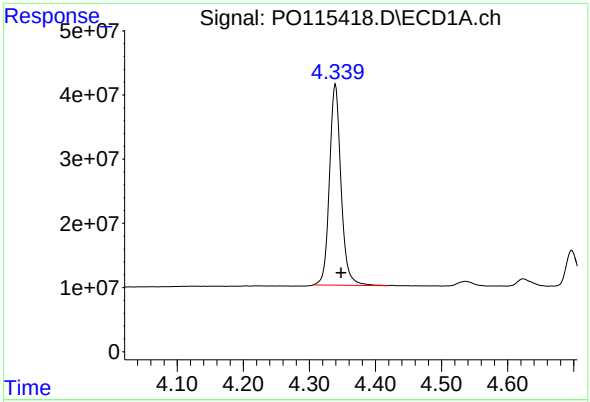
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:01:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



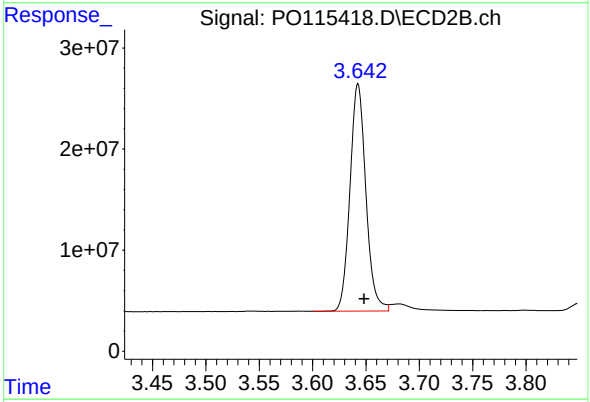




#1 Tetrachloro-m-xylene

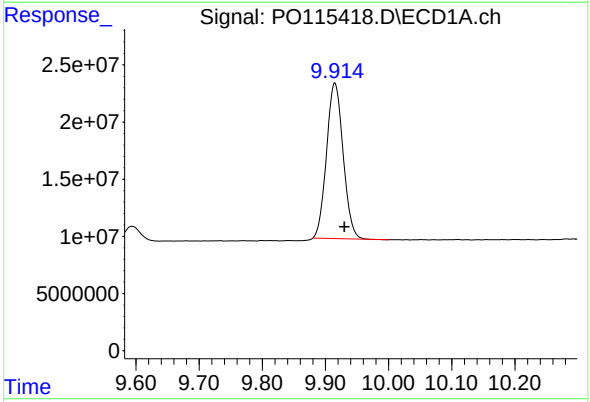
R.T.: 4.339 min
Delta R.T.: -0.009 min
Response: 380503342
Conc: 54.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



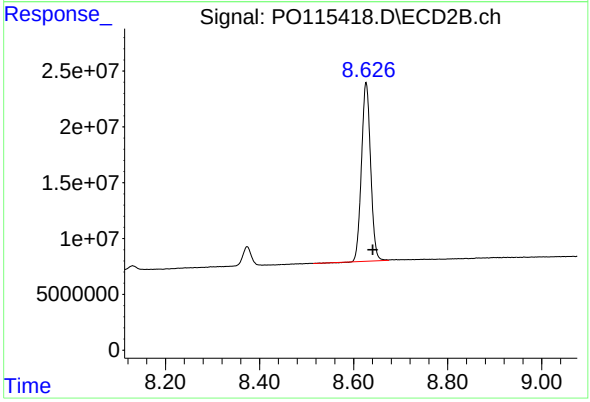
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.006 min
Response: 233376930
Conc: 52.25 ng/ml



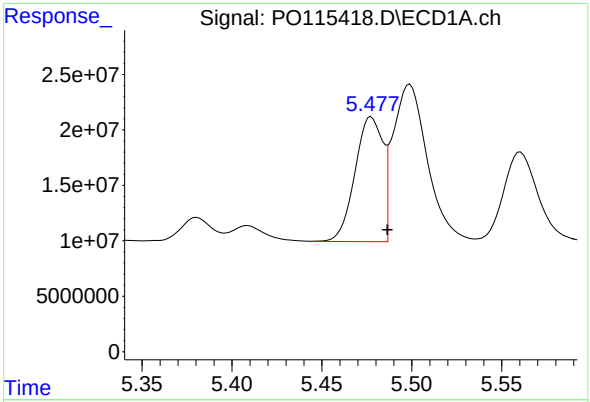
#2 Decachlorobiphenyl

R.T.: 9.915 min
Delta R.T.: -0.015 min
Response: 248113140
Conc: 56.13 ng/ml



#2 Decachlorobiphenyl

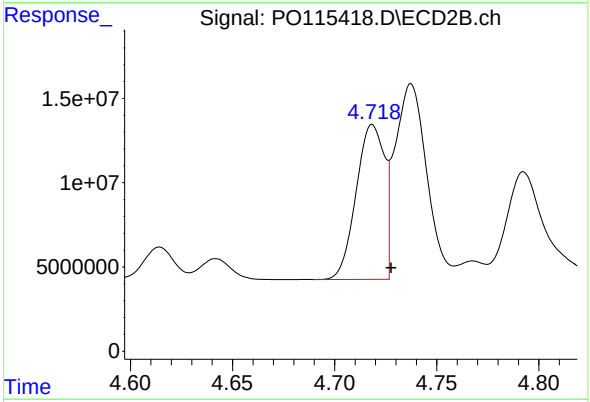
R.T.: 8.627 min
Delta R.T.: -0.014 min
Response: 215364597
Conc: 55.17 ng/ml



#3 AR-1016-1

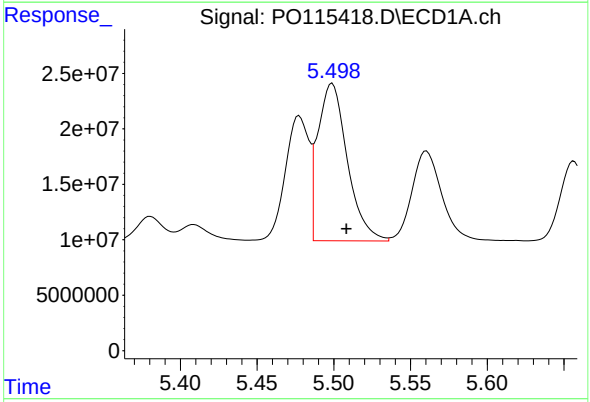
R.T.: 5.477 min
Delta R.T.: -0.009 min
Response: 120822180
Conc: 491.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



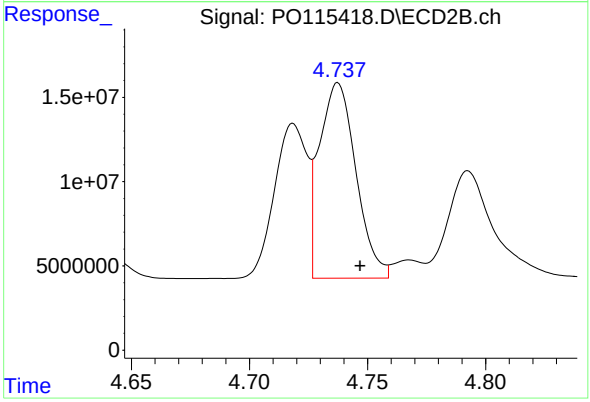
#3 AR-1016-1

R.T.: 4.718 min
Delta R.T.: -0.009 min
Response: 88690231
Conc: 466.16 ng/ml



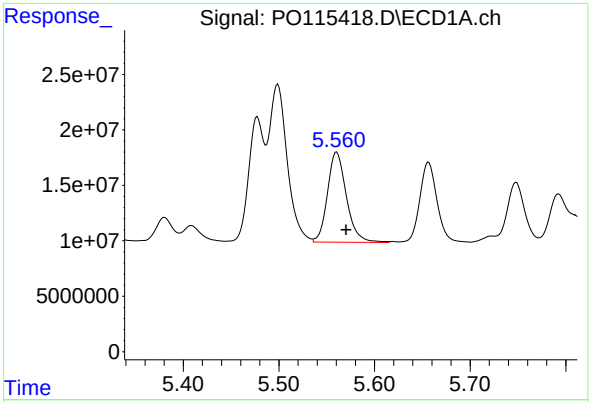
#4 AR-1016-2

R.T.: 5.499 min
Delta R.T.: -0.009 min
Response: 189645057
Conc: 477.61 ng/ml



#4 AR-1016-2

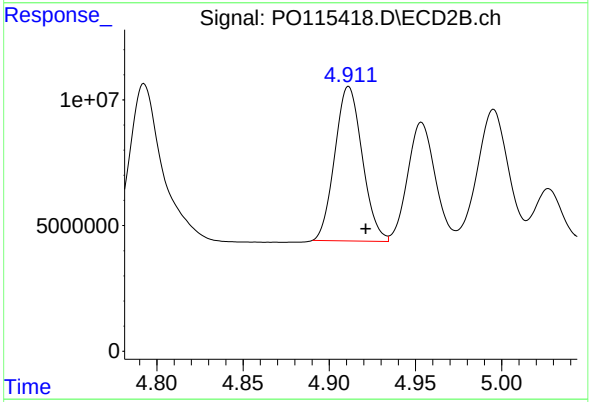
R.T.: 4.737 min
Delta R.T.: -0.009 min
Response: 125298233
Conc: 462.59 ng/ml



#5 AR-1016-3

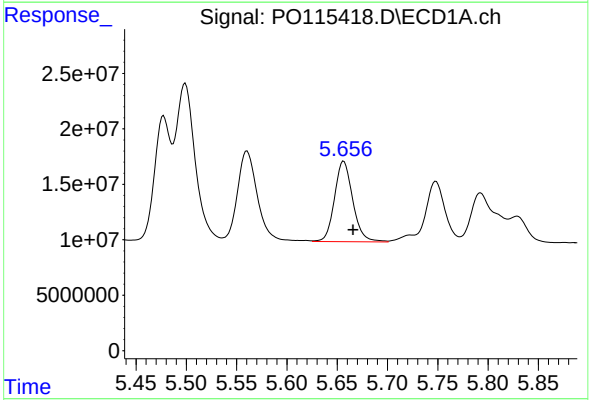
R.T.: 5.560 min
Delta R.T.: -0.010 min
Response: 111545852
Conc: 500.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



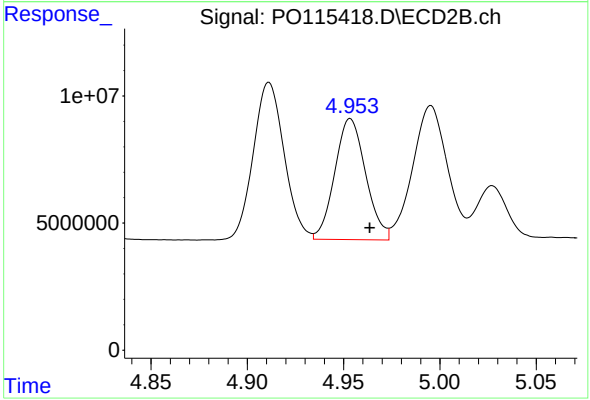
#5 AR-1016-3

R.T.: 4.911 min
Delta R.T.: -0.010 min
Response: 68048125
Conc: 459.87 ng/ml



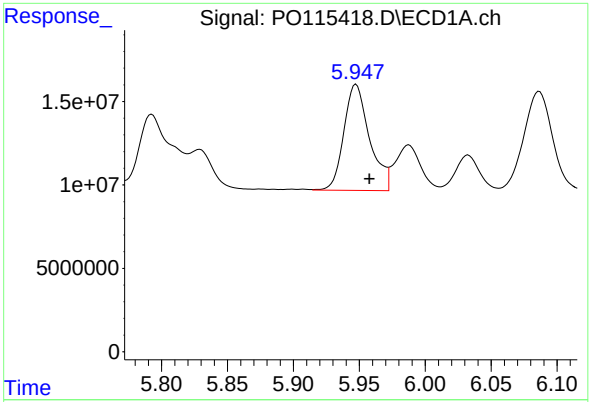
#6 AR-1016-4

R.T.: 5.656 min
Delta R.T.: -0.009 min
Response: 91818140
Conc: 486.13 ng/ml



#6 AR-1016-4

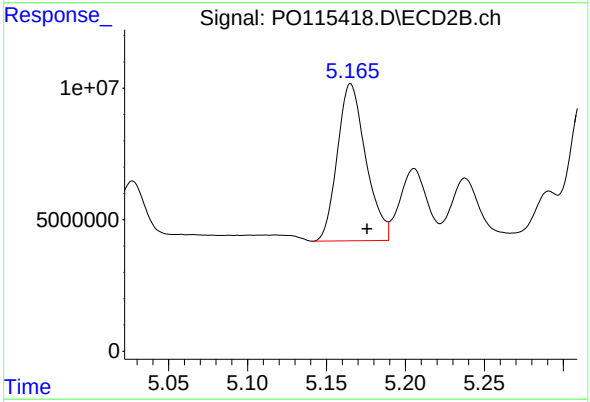
R.T.: 4.954 min
Delta R.T.: -0.010 min
Response: 53101080
Conc: 452.24 ng/ml



#7 AR-1016-5

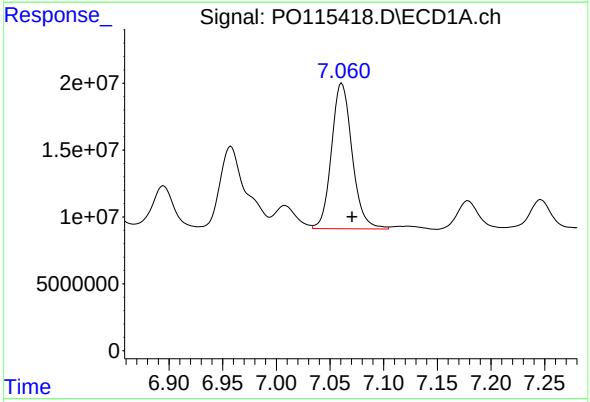
R.T.: 5.948 min
Delta R.T.: -0.010 min
Response: 86156588
Conc: 483.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



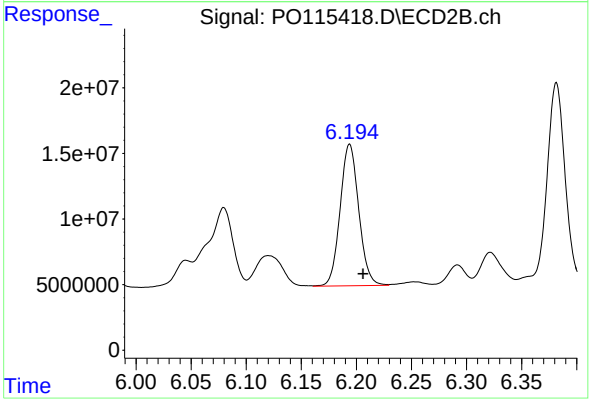
#7 AR-1016-5

R.T.: 5.165 min
Delta R.T.: -0.010 min
Response: 74973223
Conc: 490.94 ng/ml



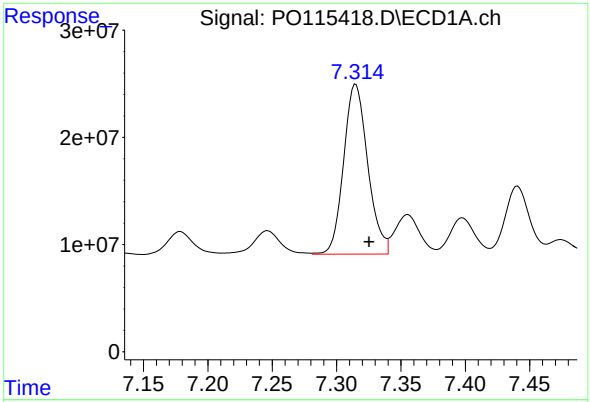
#31 AR-1260-1

R.T.: 7.061 min
Delta R.T.: -0.010 min
Response: 145611407
Conc: 476.42 ng/ml



#31 AR-1260-1

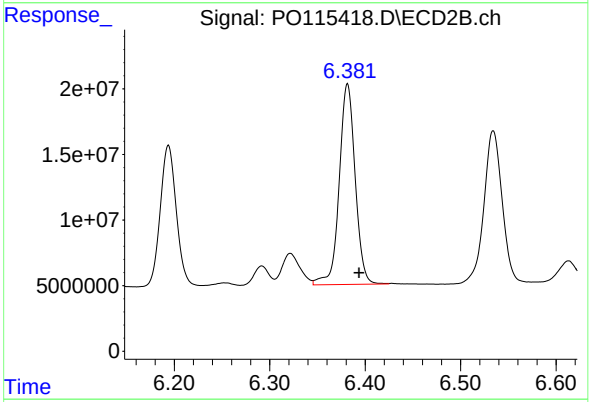
R.T.: 6.194 min
Delta R.T.: -0.012 min
Response: 127019279
Conc: 428.96 ng/ml



#32 AR-1260-2

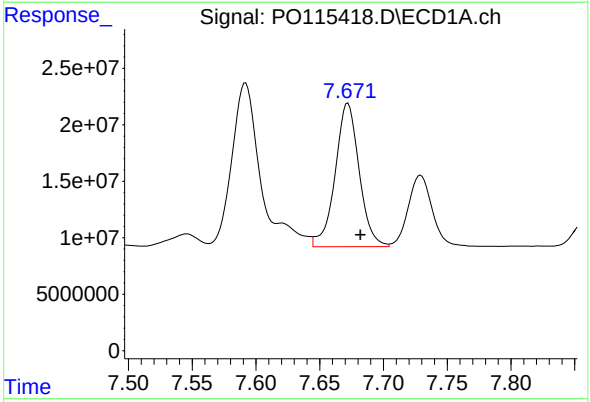
R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 206438588
Conc: 521.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



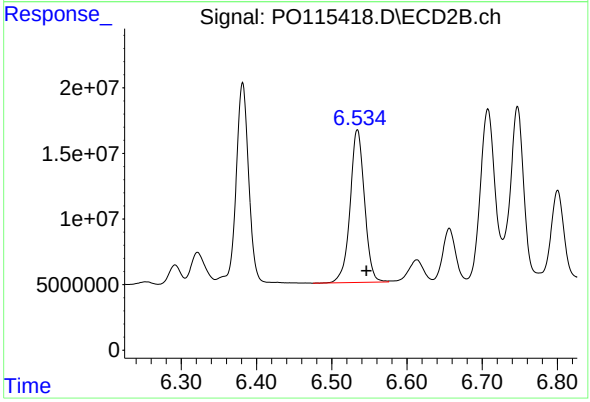
#32 AR-1260-2

R.T.: 6.382 min
Delta R.T.: -0.012 min
Response: 177484069
Conc: 412.72 ng/ml



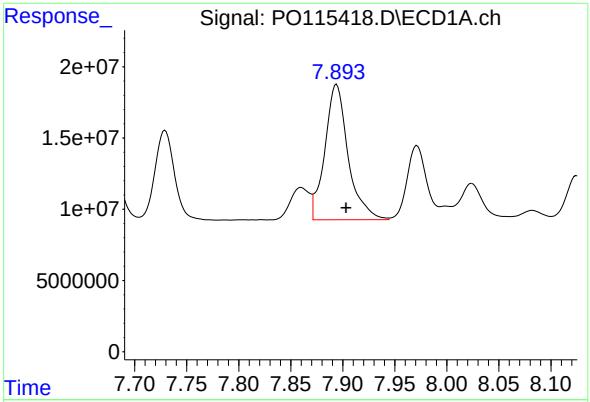
#33 AR-1260-3

R.T.: 7.672 min
Delta R.T.: -0.010 min
Response: 166817698
Conc: 502.74 ng/ml



#33 AR-1260-3

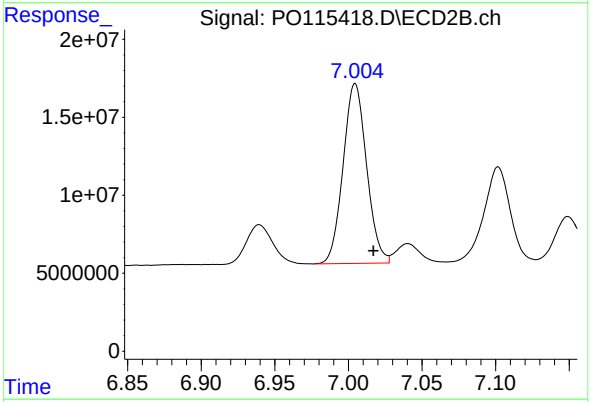
R.T.: 6.534 min
Delta R.T.: -0.012 min
Response: 154396783
Conc: 439.69 ng/ml



#34 AR-1260-4

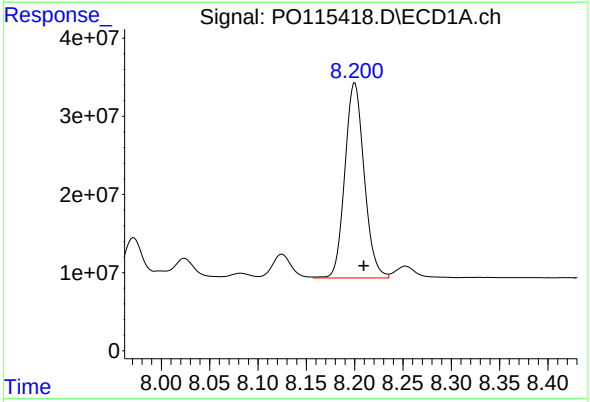
R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 148014538
Conc: 485.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



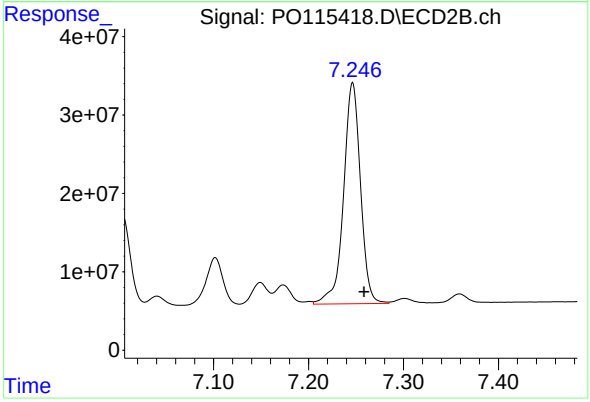
#34 AR-1260-4

R.T.: 7.005 min
Delta R.T.: -0.012 min
Response: 128053797
Conc: 422.58 ng/ml



#35 AR-1260-5

R.T.: 8.200 min
Delta R.T.: -0.009 min
Response: 346663076
Conc: 486.05 ng/ml



#35 AR-1260-5

R.T.: 7.247 min
Delta R.T.: -0.012 min
Response: 349680554
Conc: 425.59 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 12/01/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 10:38 **Initial Calibration Time(s):** 09:39 18:31

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)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.92	9.93	9.83	10.03	0.02

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 12/01/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 10:38 **Initial Calibration Time(s):** 09:39 18:31

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)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.02
Aroclor-1260-1	(1)	6.19	6.21	6.11	6.31	0.02
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.53	6.55	6.45	6.65	0.02
Aroclor-1260-4	(4)	7.00	7.02	6.92	7.12	0.02
Aroclor-1260-5	(5)	7.24	7.26	7.16	7.36	0.02
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.62	8.64	8.54	8.74	0.02

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL08 **Date Analyzed:** 12/01/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115465.D **Time Analyzed:** 10:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.479	5.387	5.587	496.310	500.000	-0.7
Aroclor-1016-2	5.500	5.408	5.608	487.540	500.000	-2.5
Aroclor-1016-3	5.562	5.470	5.670	518.240	500.000	3.6
Aroclor-1016-4	5.657	5.566	5.766	496.140	500.000	-0.8
Aroclor-1016-5	5.948	5.858	6.058	488.160	500.000	-2.4
Aroclor-1260-1	7.061	6.971	7.171	460.180	500.000	-8.0
Aroclor-1260-2	7.315	7.225	7.425	499.040	500.000	-0.2
Aroclor-1260-3	7.672	7.582	7.782	483.760	500.000	-3.2
Aroclor-1260-4	7.894	7.803	8.003	471.850	500.000	-5.6
Aroclor-1260-5	8.200	8.110	8.310	466.800	500.000	-6.6
Decachlorobiphenyl	9.915	9.830	10.030	57.190	50.000	14.4
Tetrachloro-m-xylene	4.340	4.248	4.448	56.280	50.000	12.6

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL08 **Date Analyzed:** 12/01/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115465.D **Time Analyzed:** 10:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.717	4.628	4.828	454.430	500.000	-9.1
Aroclor-1016-2	4.737	4.647	4.847	473.050	500.000	-5.4
Aroclor-1016-3	4.911	4.821	5.021	458.020	500.000	-8.4
Aroclor-1016-4	4.953	4.864	5.064	462.250	500.000	-7.6
Aroclor-1016-5	5.165	5.076	5.276	472.970	500.000	-5.4
Aroclor-1260-1	6.193	6.106	6.306	426.140	500.000	-14.8
Aroclor-1260-2	6.381	6.294	6.494	402.960	500.000	-19.4
Aroclor-1260-3	6.533	6.446	6.646	417.810	500.000	-16.4
Aroclor-1260-4	7.004	6.917	7.117	422.800	500.000	-15.4
Aroclor-1260-5	7.244	7.158	7.358	424.970	500.000	-15.0
Decachlorobiphenyl	8.623	8.541	8.741	52.650	50.000	5.3
Tetrachloro-m-xylene	3.642	3.548	3.748	53.050	50.000	6.1

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 10:38
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:14:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.642	396.1E6	237.0E6	56.276	53.048
2)	SA Decachlor...	9.915	8.623	252.8E6	205.5E6	57.190m	52.653
	Target Compounds						
3)	L1 AR-1016-1	5.479	4.717	122.1E6	86458185	496.313	454.432m
4)	L1 AR-1016-2	5.500	4.737	193.6E6	128.1E6	487.543	473.052
5)	L1 AR-1016-3	5.562	4.911	115.6E6	67774121	518.243	458.016
6)	L1 AR-1016-4	5.657	4.953	93708131	54276768	496.138	462.253
7)	L1 AR-1016-5	5.948	5.165	86989097	72229084	488.162	472.971
31)	L7 AR-1260-1	7.061	6.193	140.6E6	126.2E6	460.175	426.143
32)	L7 AR-1260-2	7.315	6.381	197.6E6	173.3E6	499.042	402.958
33)	L7 AR-1260-3	7.672	6.533	160.5E6	146.7E6	483.762	417.811
34)	L7 AR-1260-4	7.894	7.004	143.9E6	128.1E6	471.854	422.795
35)	L7 AR-1260-5	8.200	7.244	332.9E6	349.2E6	466.803	424.969

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 10:38
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

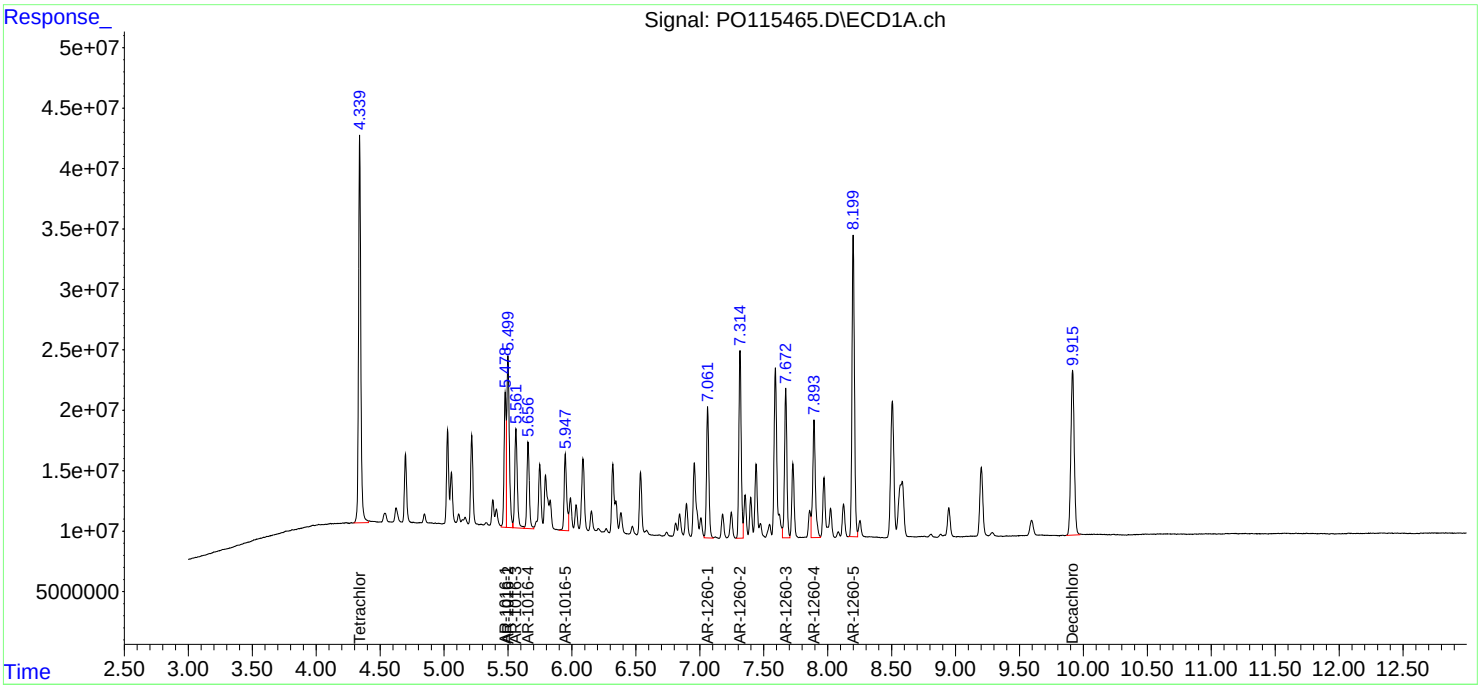
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

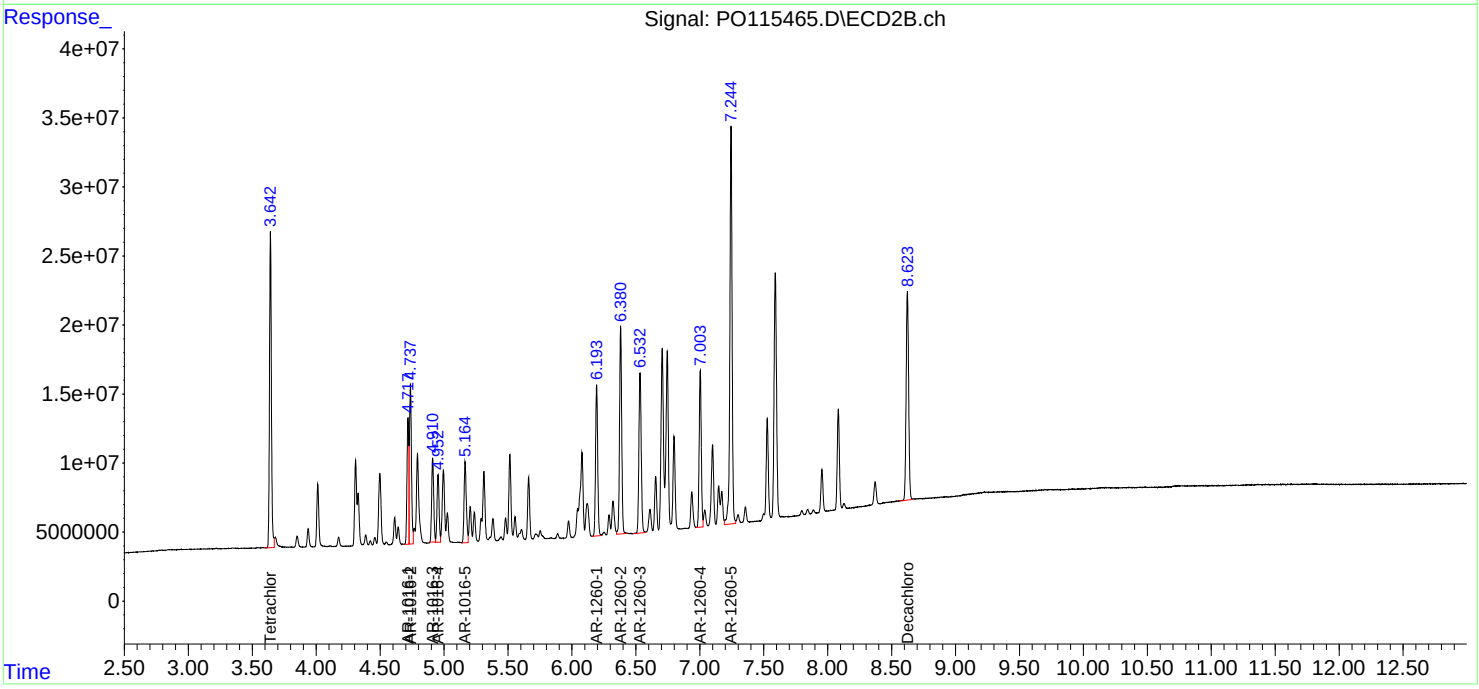
Manual Integrations APPROVED

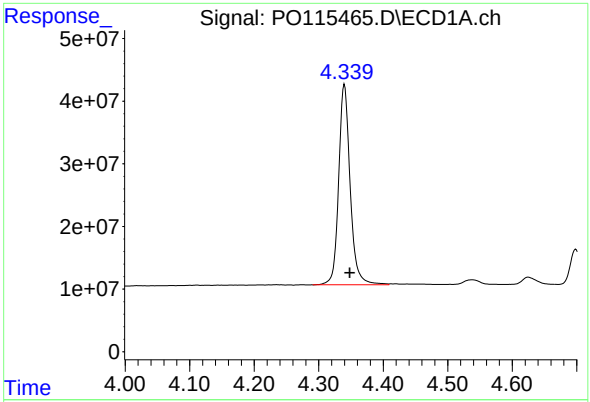
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:14:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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.: 4.340 min
Delta R.T.: -0.008 min
Response: 396079042
Conc: 56.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
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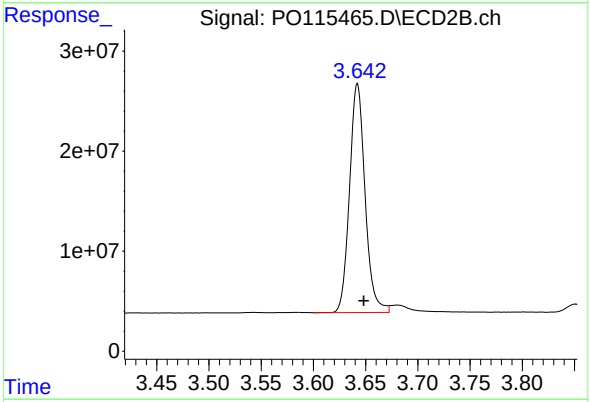
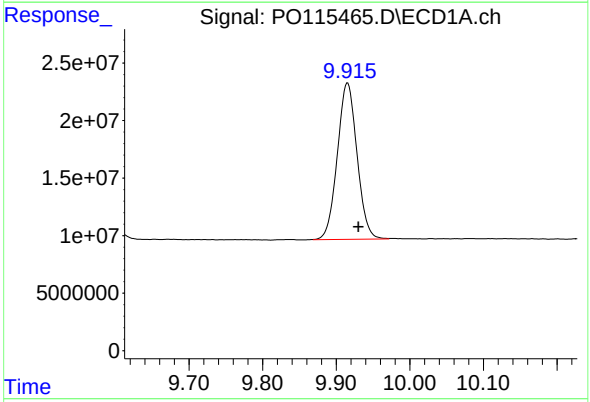
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



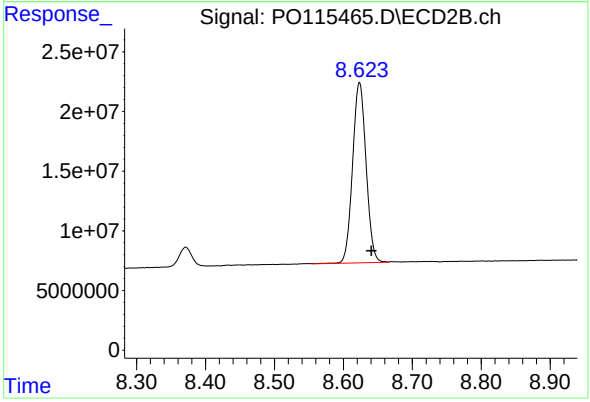
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.006 min
Response: 236953540
Conc: 53.05 ng/ml



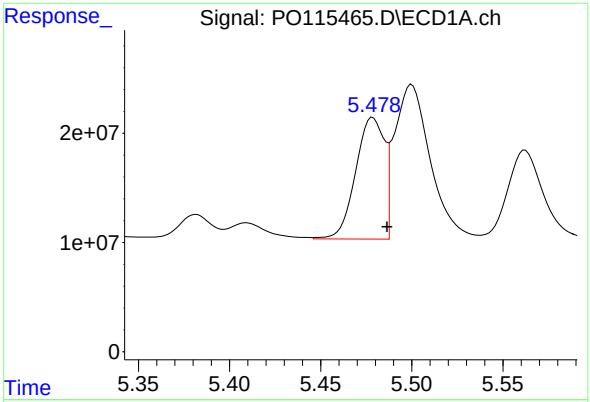
#2 Decachlorobiphenyl

R.T.: 9.915 min
Delta R.T.: -0.015 min
Response: 252794081
Conc: 57.19 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.623 min
Delta R.T.: -0.017 min
Response: 205547559
Conc: 52.65 ng/ml



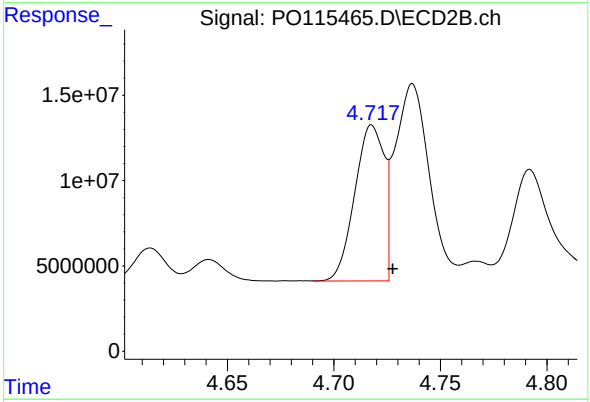
#3 AR-1016-1

R.T.: 5.479 min
Delta R.T.: -0.008 min
Response: 122102965
Conc: 496.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

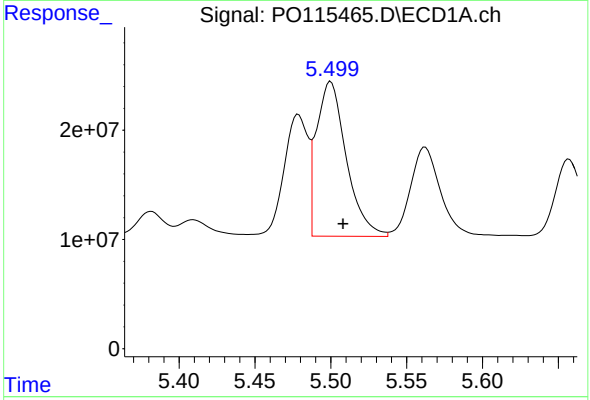
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



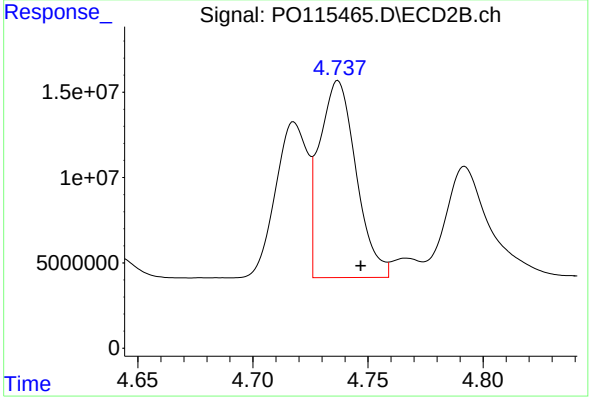
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 86458185
Conc: 454.43 ng/ml m



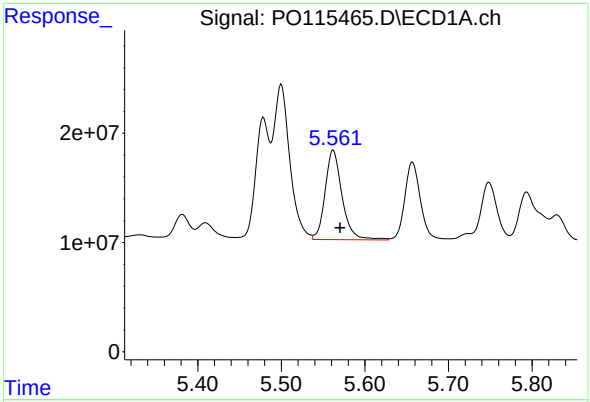
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 193589038
Conc: 487.54 ng/ml



#4 AR-1016-2

R.T.: 4.737 min
Delta R.T.: -0.010 min
Response: 128132866
Conc: 473.05 ng/ml



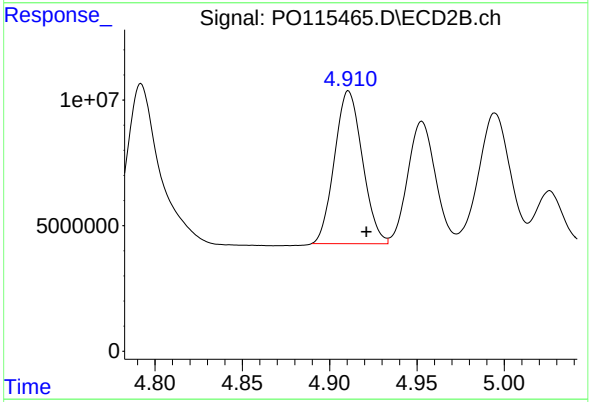
#5 AR-1016-3

R.T.: 5.562 min
Delta R.T.: -0.008 min
Response: 115568581
Conc: 518.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

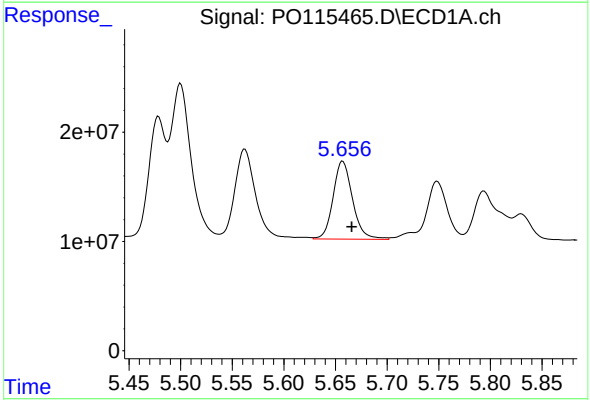
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



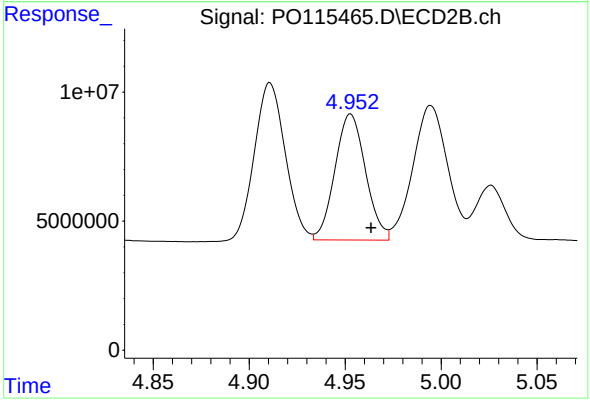
#5 AR-1016-3

R.T.: 4.911 min
Delta R.T.: -0.010 min
Response: 67774121
Conc: 458.02 ng/ml



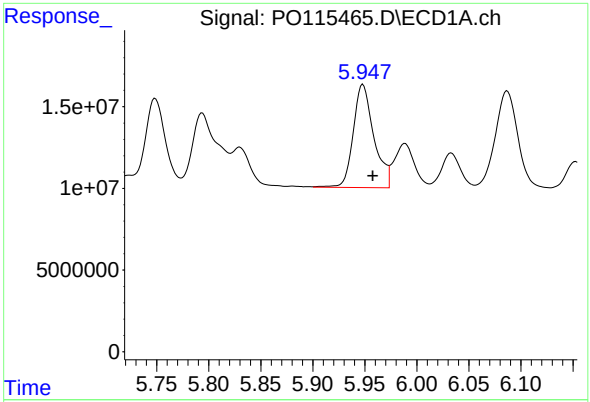
#6 AR-1016-4

R.T.: 5.657 min
Delta R.T.: -0.009 min
Response: 93708131
Conc: 496.14 ng/ml



#6 AR-1016-4

R.T.: 4.953 min
Delta R.T.: -0.011 min
Response: 54276768
Conc: 462.25 ng/ml



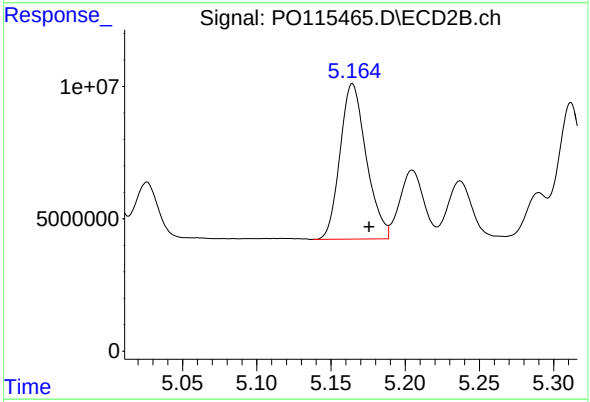
#7 AR-1016-5

R.T.: 5.948 min
Delta R.T.: -0.010 min
Response: 86989097
Conc: 488.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

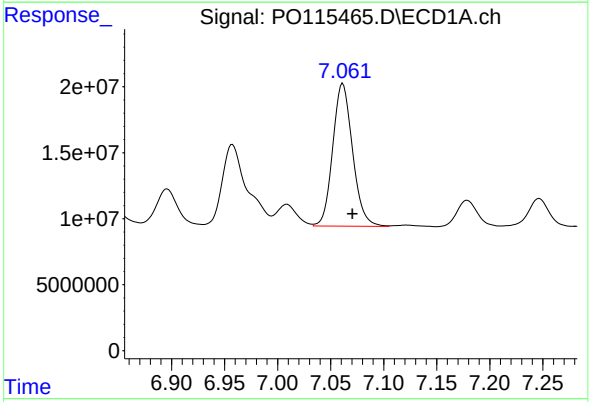
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



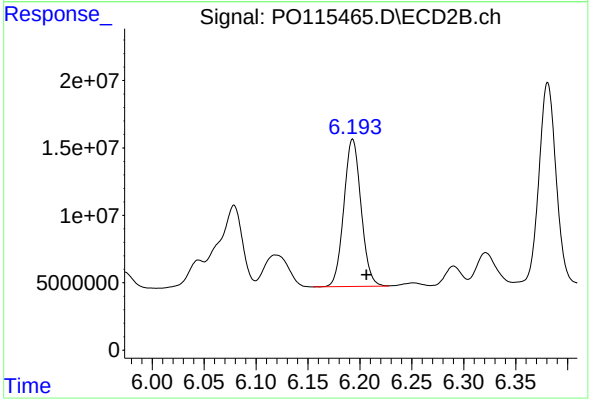
#7 AR-1016-5

R.T.: 5.165 min
Delta R.T.: -0.011 min
Response: 72229084
Conc: 472.97 ng/ml



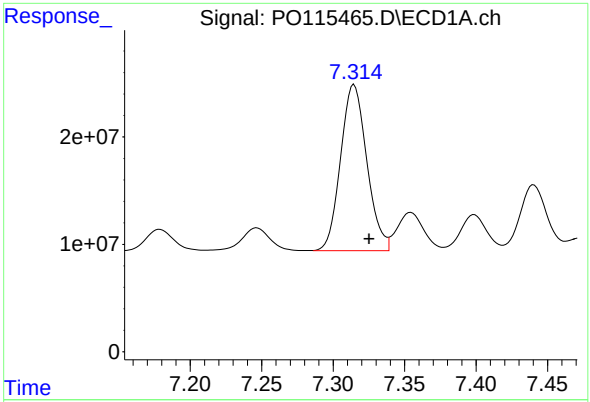
#31 AR-1260-1

R.T.: 7.061 min
Delta R.T.: -0.009 min
Response: 140644908
Conc: 460.18 ng/ml



#31 AR-1260-1

R.T.: 6.193 min
Delta R.T.: -0.013 min
Response: 126184027
Conc: 426.14 ng/ml



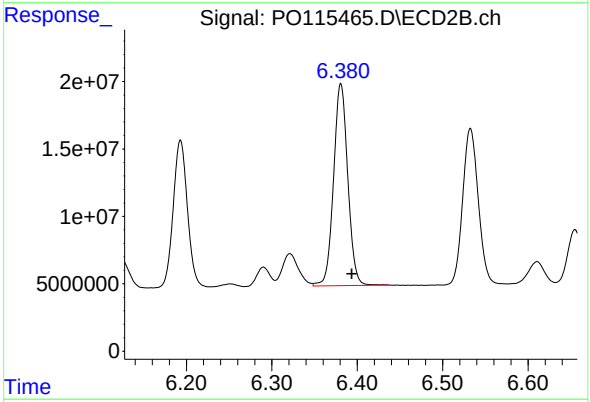
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 197559227
Conc: 499.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

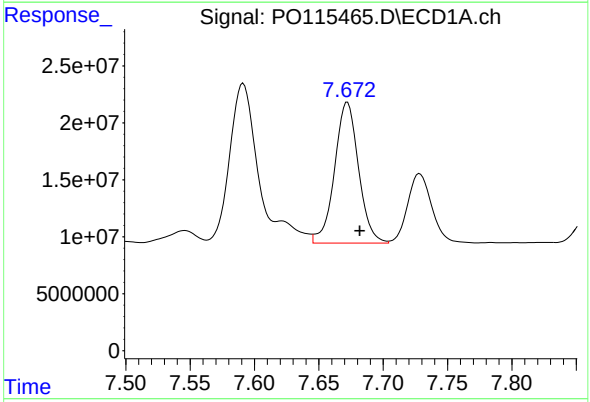
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



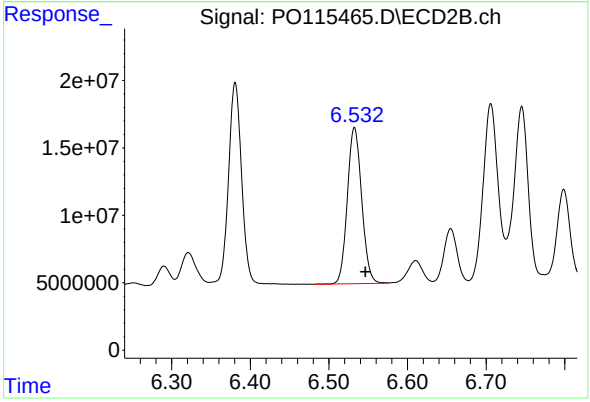
#32 AR-1260-2

R.T.: 6.381 min
Delta R.T.: -0.013 min
Response: 173284500
Conc: 402.96 ng/ml



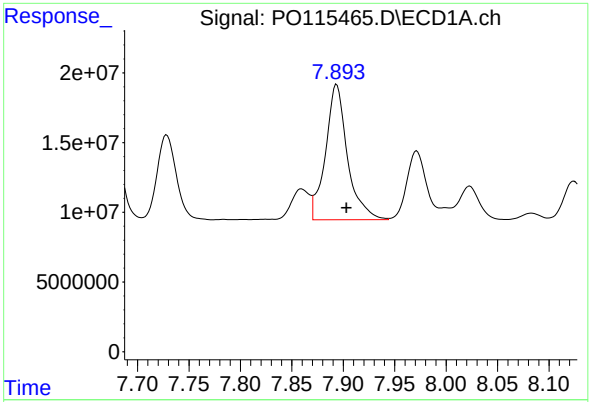
#33 AR-1260-3

R.T.: 7.672 min
Delta R.T.: -0.010 min
Response: 160520848
Conc: 483.76 ng/ml



#33 AR-1260-3

R.T.: 6.533 min
Delta R.T.: -0.014 min
Response: 146714887
Conc: 417.81 ng/ml



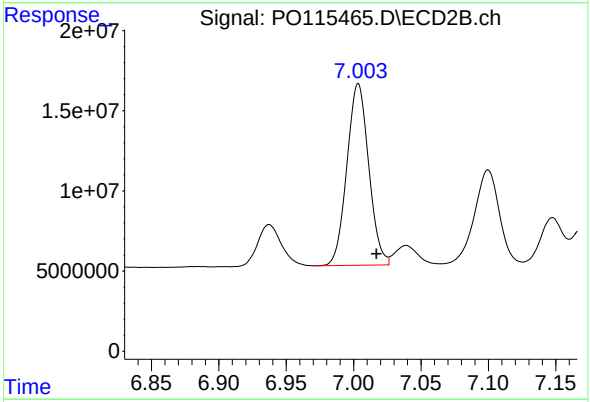
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 143924863
Conc: 471.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

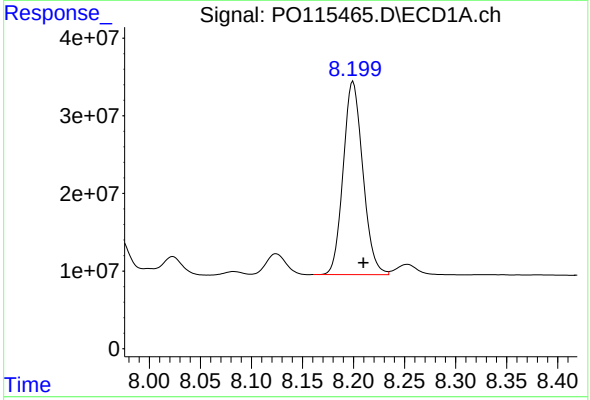
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



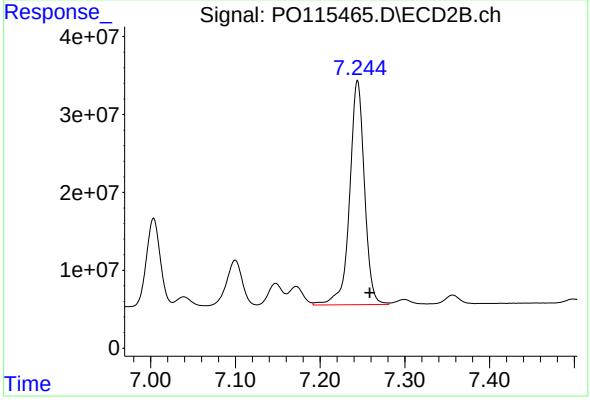
#34 AR-1260-4

R.T.: 7.004 min
Delta R.T.: -0.013 min
Response: 128119080
Conc: 422.80 ng/ml



#35 AR-1260-5

R.T.: 8.200 min
Delta R.T.: -0.010 min
Response: 332932911
Conc: 466.80 ng/ml



#35 AR-1260-5

R.T.: 7.244 min
Delta R.T.: -0.014 min
Response: 349166469
Conc: 424.97 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 12/01/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 16:17 **Initial Calibration Time(s):** 09:39 18:31

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)	5.47	5.49	5.39	5.59	0.02
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.65	5.67	5.57	5.77	0.02
Aroclor-1016-5	(5)	5.94	5.96	5.86	6.06	0.02
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.31	7.33	7.23	7.43	0.02
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.91	9.93	9.83	10.03	0.02

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

Continuing Calib Date: 12/01/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 16:17 **Initial Calibration Time(s):** 09:39 18:31

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)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.73	4.75	4.65	4.85	0.02
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.16	5.18	5.08	5.28	0.02
Aroclor-1260-1	(1)	6.19	6.21	6.11	6.31	0.02
Aroclor-1260-2	(2)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-3	(3)	6.53	6.55	6.45	6.65	0.02
Aroclor-1260-4	(4)	7.00	7.02	6.92	7.12	0.02
Aroclor-1260-5	(5)	7.24	7.26	7.16	7.36	0.02
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.62	8.64	8.54	8.74	0.02

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL09 **Date Analyzed:** 12/01/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115479.D **Time Analyzed:** 16:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.473	5.387	5.587	484.180	500.000	-3.2
Aroclor-1016-2	5.496	5.408	5.608	474.620	500.000	-5.1
Aroclor-1016-3	5.557	5.470	5.670	478.340	500.000	-4.3
Aroclor-1016-4	5.653	5.566	5.766	463.340	500.000	-7.3
Aroclor-1016-5	5.944	5.858	6.058	482.710	500.000	-3.5
Aroclor-1260-1	7.057	6.971	7.171	443.840	500.000	-11.2
Aroclor-1260-2	7.311	7.225	7.425	492.280	500.000	-1.5
Aroclor-1260-3	7.669	7.582	7.782	480.450	500.000	-3.9
Aroclor-1260-4	7.890	7.803	8.003	468.020	500.000	-6.4
Aroclor-1260-5	8.197	8.110	8.310	460.700	500.000	-7.9
Decachlorobiphenyl	9.910	9.830	10.030	57.050	50.000	14.1
Tetrachloro-m-xylene	4.336	4.248	4.448	57.490	50.000	15.0

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3694

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL09 **Date Analyzed:** 12/01/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115479.D **Time Analyzed:** 16:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.715	4.628	4.828	470.130	500.000	-6.0
Aroclor-1016-2	4.734	4.647	4.847	480.510	500.000	-3.9
Aroclor-1016-3	4.908	4.821	5.021	479.840	500.000	-4.0
Aroclor-1016-4	4.951	4.864	5.064	478.130	500.000	-4.4
Aroclor-1016-5	5.162	5.076	5.276	485.820	500.000	-2.8
Aroclor-1260-1	6.191	6.106	6.306	422.330	500.000	-15.5
Aroclor-1260-2	6.379	6.294	6.494	392.810	500.000	-21.4
Aroclor-1260-3	6.531	6.446	6.646	402.610	500.000	-19.5
Aroclor-1260-4	7.001	6.917	7.117	401.900	500.000	-19.6
Aroclor-1260-5	7.243	7.158	7.358	402.560	500.000	-19.5
Decachlorobiphenyl	8.622	8.541	8.741	52.890	50.000	5.8
Tetrachloro-m-xylene	3.640	3.548	3.748	54.200	50.000	8.4

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 16:17
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:19:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.336	3.640	404.6E6	242.1E6	57.489	54.201
2)	SA Decachlor...	9.910	8.622	252.2E6	206.5E6	57.052m	52.894
	Target Compounds						
3)	L1 AR-1016-1	5.473	4.715	119.1E6	89445090	484.183m	470.131m
4)	L1 AR-1016-2	5.496	4.734	188.5E6	130.2E6	474.624	480.510
5)	L1 AR-1016-3	5.557	4.908	106.7E6	71003392	478.343	479.840m
6)	L1 AR-1016-4	5.653	4.951	87513644	56141444	463.341	478.134m
7)	L1 AR-1016-5	5.944	5.162	86016939	74191383	482.707	485.821
31)	L7 AR-1260-1	7.057	6.191	135.7E6	125.1E6	443.843	422.333
32)	L7 AR-1260-2	7.311	6.379	194.9E6	168.9E6	492.275	392.813
33)	L7 AR-1260-3	7.669	6.531	159.4E6	141.4E6	480.450	402.613
34)	L7 AR-1260-4	7.890	7.001	142.8E6	121.8E6	468.021	401.896
35)	L7 AR-1260-5	8.197	7.243	328.6E6	330.8E6	460.698	402.563

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 16:17
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

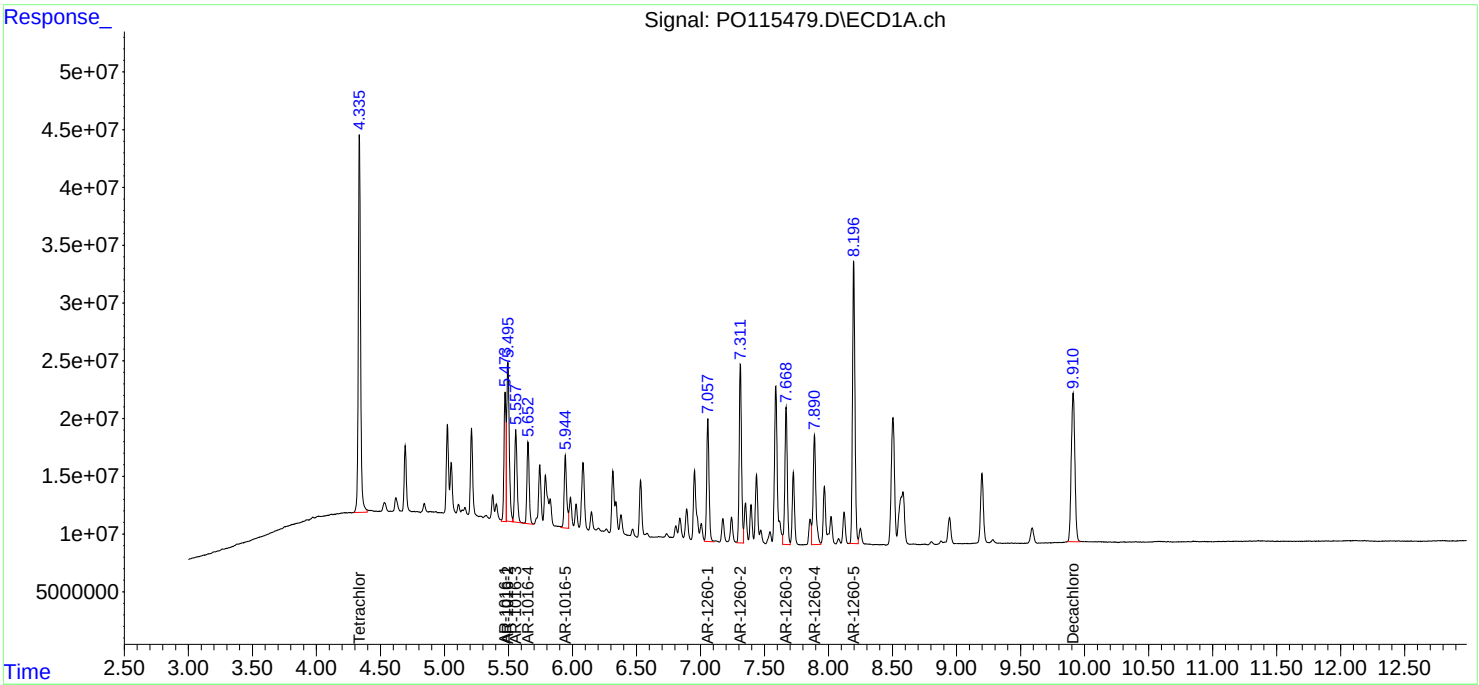
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

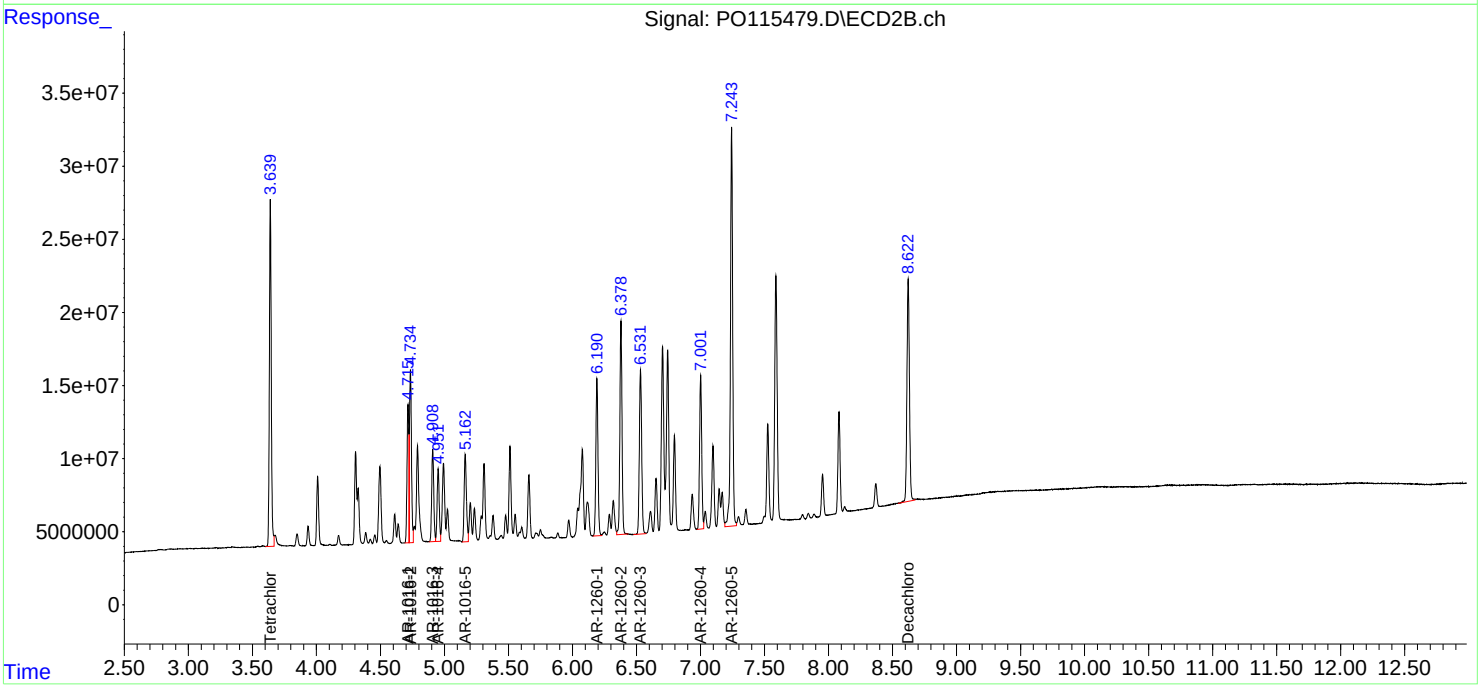
Manual Integrations APPROVED

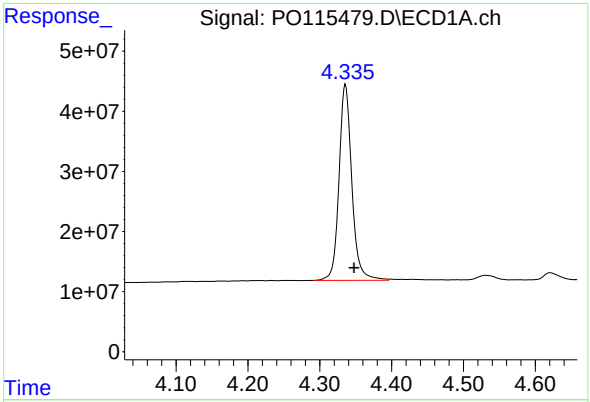
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:19:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







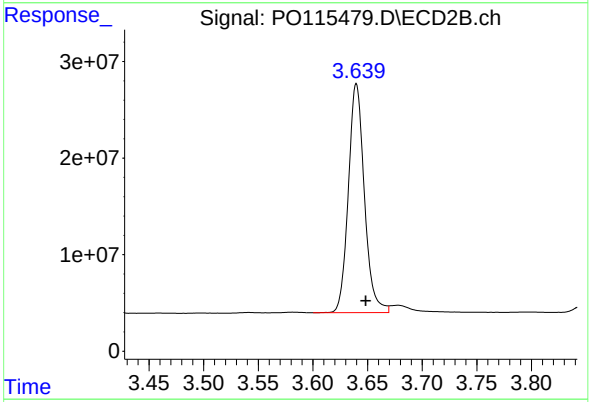
#1 Tetrachloro-m-xylene

R.T.: 4.336 min
Delta R.T.: -0.012 min
Response: 404616539
Conc: 57.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

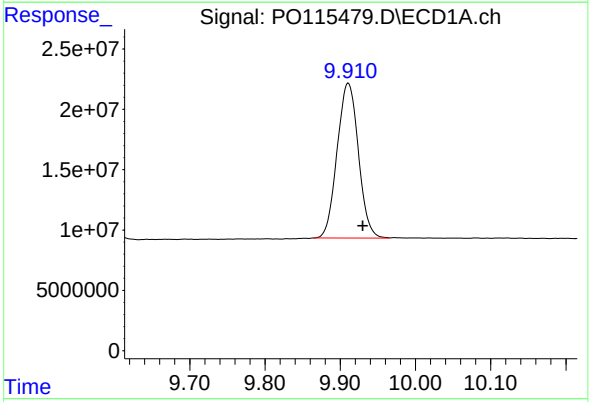
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



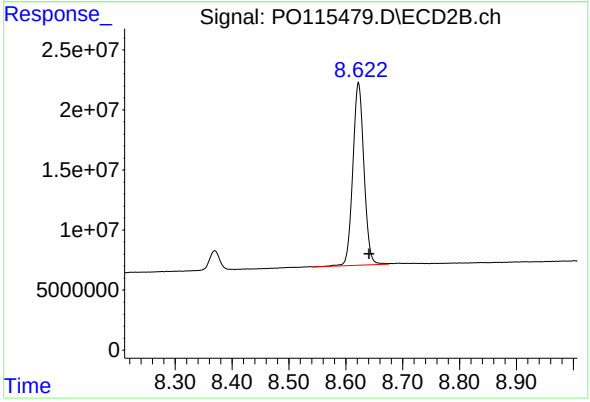
#1 Tetrachloro-m-xylene

R.T.: 3.640 min
Delta R.T.: -0.008 min
Response: 242103099
Conc: 54.20 ng/ml



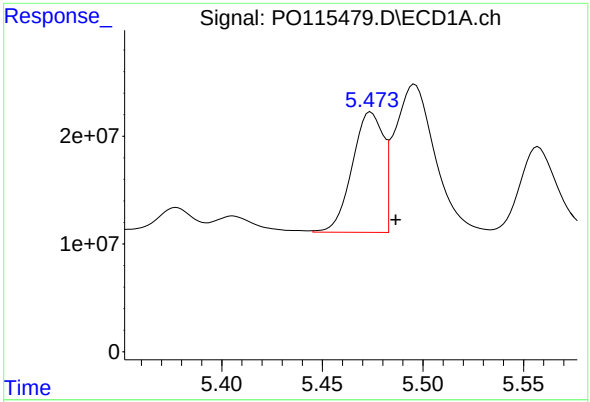
#2 Decachlorobiphenyl

R.T.: 9.910 min
Delta R.T.: -0.020 min
Response: 252182425
Conc: 57.05 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.622 min
Delta R.T.: -0.018 min
Response: 206490086
Conc: 52.89 ng/ml



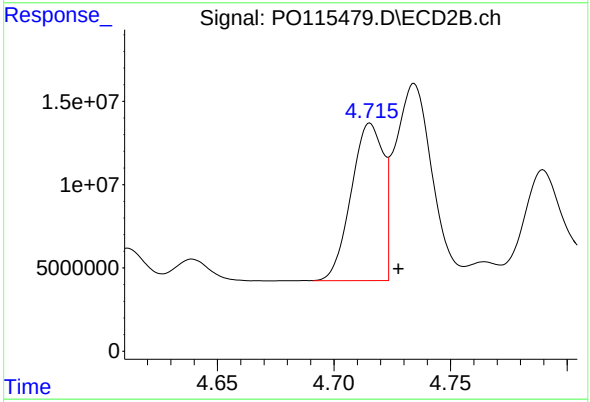
#3 AR-1016-1

R.T.: 5.473 min
Delta R.T.: -0.013 min
Response: 119118766
Conc: 484.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

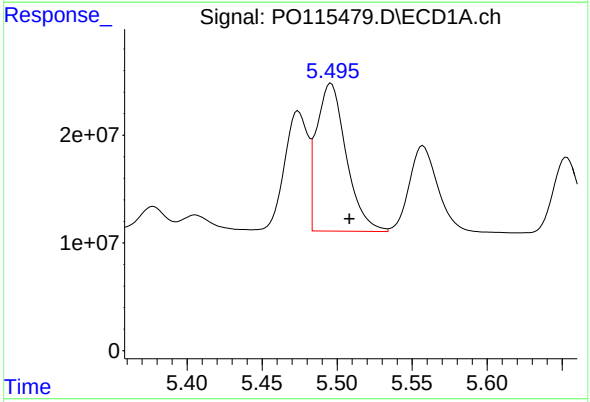
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



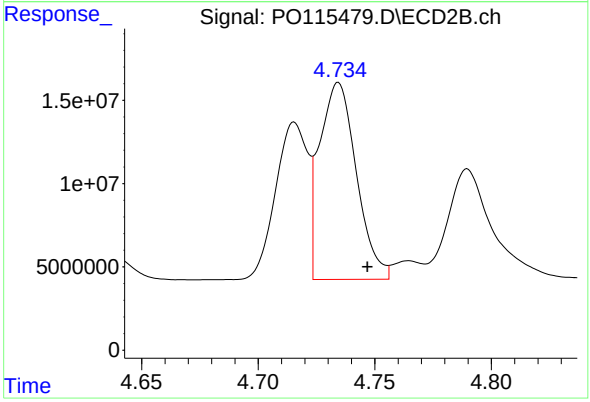
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: -0.013 min
Response: 89445090
Conc: 470.13 ng/ml m



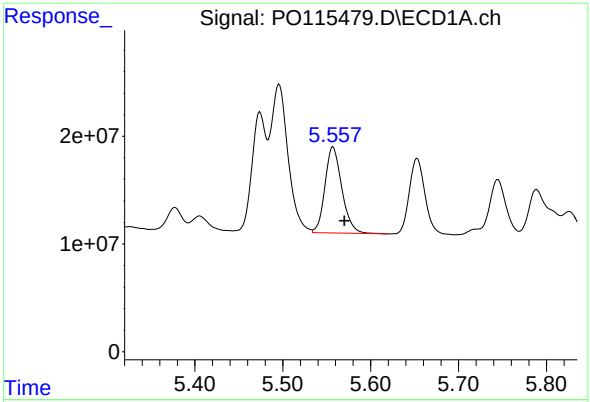
#4 AR-1016-2

R.T.: 5.496 min
Delta R.T.: -0.012 min
Response: 188459334
Conc: 474.62 ng/ml



#4 AR-1016-2

R.T.: 4.734 min
Delta R.T.: -0.012 min
Response: 130153165
Conc: 480.51 ng/ml



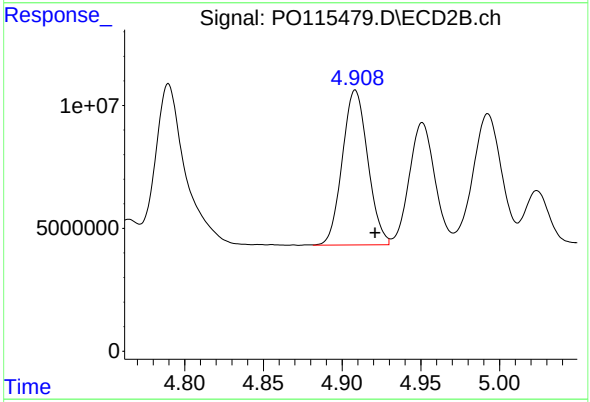
#5 AR-1016-3

R.T.: 5.557 min
Delta R.T.: -0.013 min
Response: 106670954
Conc: 478.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

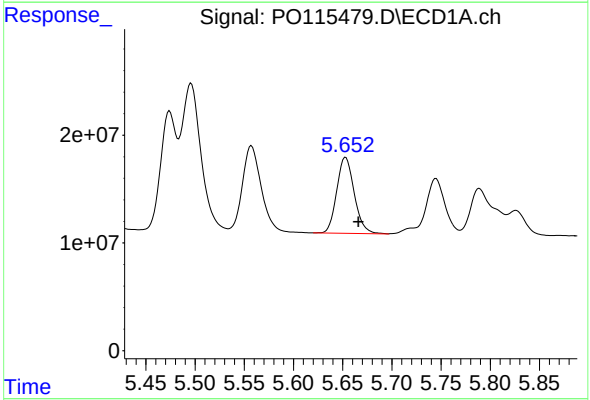
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



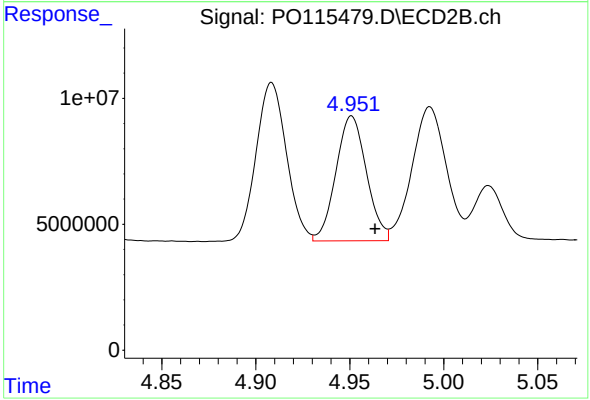
#5 AR-1016-3

R.T.: 4.908 min
Delta R.T.: -0.013 min
Response: 71003392
Conc: 479.84 ng/ml m



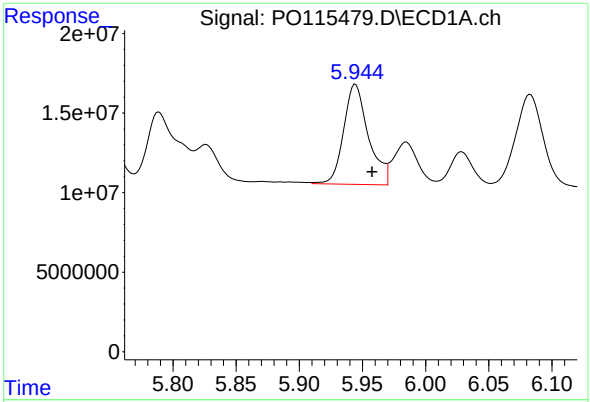
#6 AR-1016-4

R.T.: 5.653 min
Delta R.T.: -0.013 min
Response: 87513644
Conc: 463.34 ng/ml



#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: -0.013 min
Response: 56141444
Conc: 478.13 ng/ml m



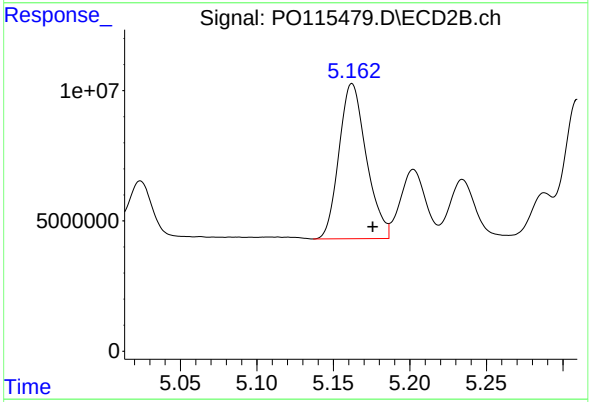
#7 AR-1016-5

R.T.: 5.944 min
Delta R.T.: -0.013 min
Response: 86016939
Conc: 482.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

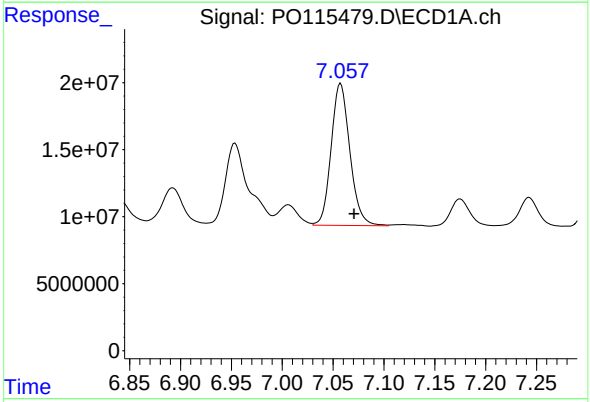
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



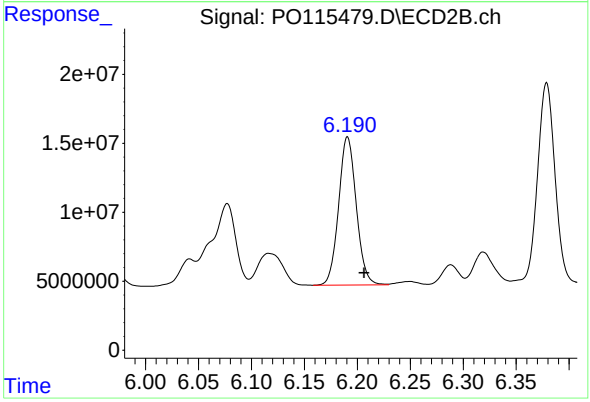
#7 AR-1016-5

R.T.: 5.162 min
Delta R.T.: -0.013 min
Response: 74191383
Conc: 485.82 ng/ml



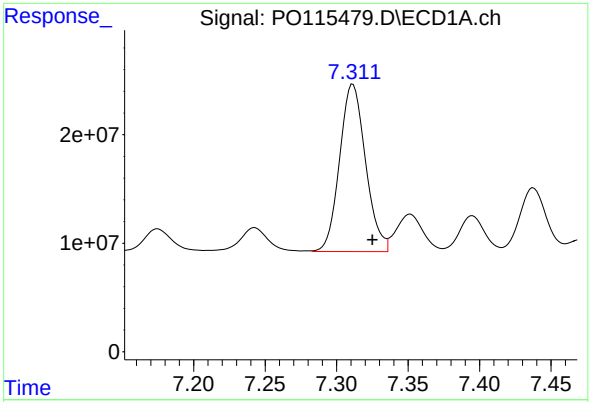
#31 AR-1260-1

R.T.: 7.057 min
Delta R.T.: -0.013 min
Response: 135653363
Conc: 443.84 ng/ml



#31 AR-1260-1

R.T.: 6.191 min
Delta R.T.: -0.015 min
Response: 125055891
Conc: 422.33 ng/ml



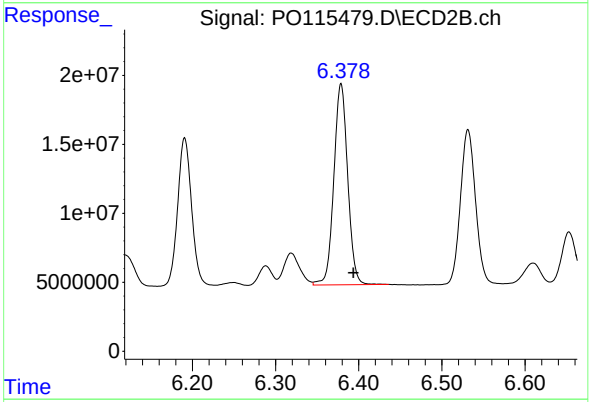
#32 AR-1260-2

R.T.: 7.311 min
Delta R.T.: -0.014 min
Response: 194880554
Conc: 492.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

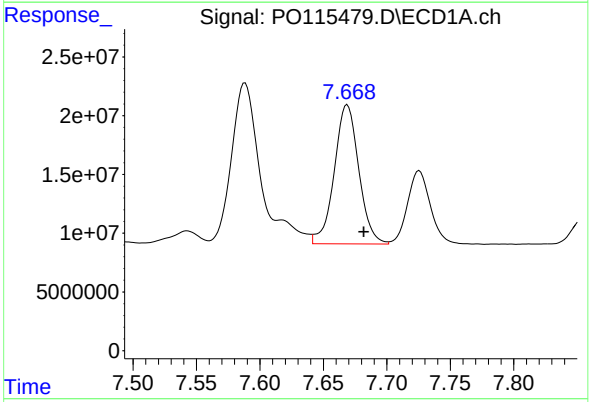
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



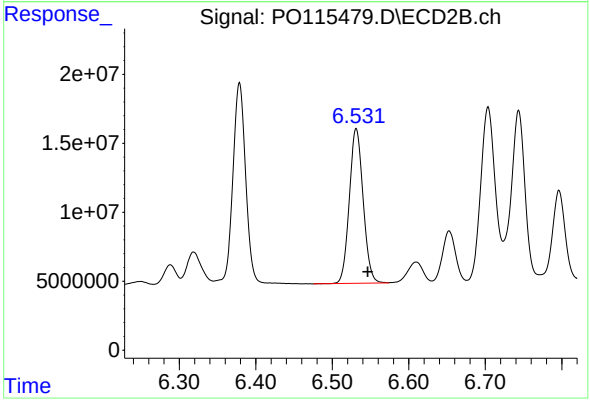
#32 AR-1260-2

R.T.: 6.379 min
Delta R.T.: -0.015 min
Response: 168921999
Conc: 392.81 ng/ml



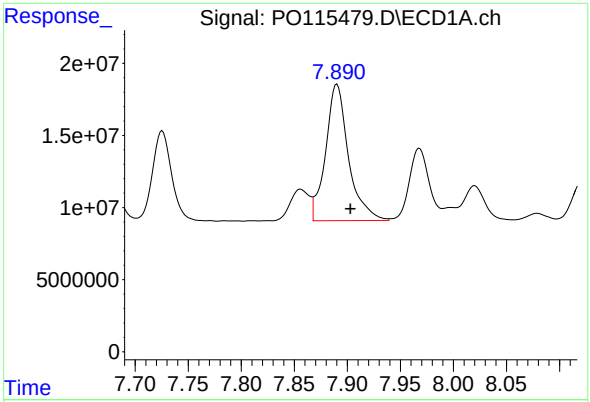
#33 AR-1260-3

R.T.: 7.669 min
Delta R.T.: -0.013 min
Response: 159421853
Conc: 480.45 ng/ml



#33 AR-1260-3

R.T.: 6.531 min
Delta R.T.: -0.015 min
Response: 141378066
Conc: 402.61 ng/ml



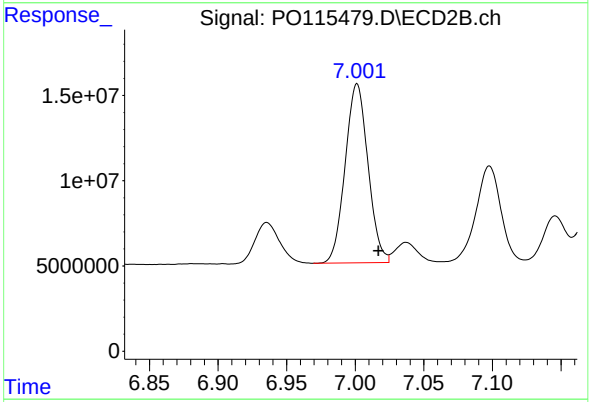
#34 AR-1260-4

R.T.: 7.890 min
Delta R.T.: -0.013 min
Response: 142755694
Conc: 468.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

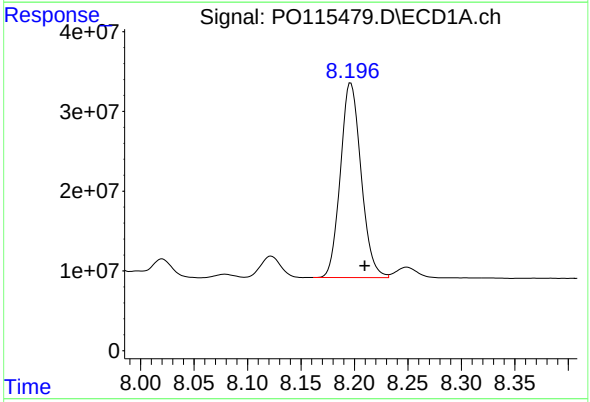
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



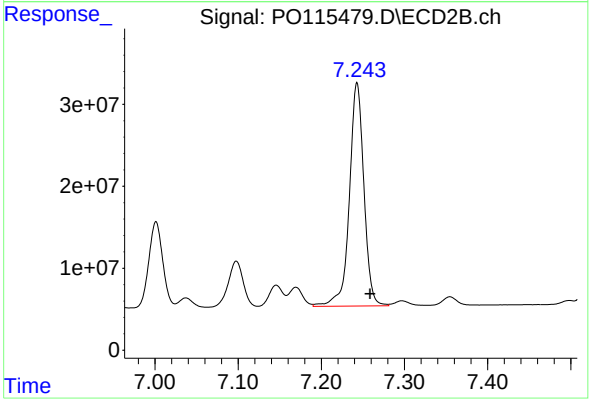
#34 AR-1260-4

R.T.: 7.001 min
Delta R.T.: -0.016 min
Response: 121785979
Conc: 401.90 ng/ml



#35 AR-1260-5

R.T.: 8.197 min
Delta R.T.: -0.013 min
Response: 328578710
Conc: 460.70 ng/ml



#35 AR-1260-5

R.T.: 7.243 min
Delta R.T.: -0.015 min
Response: 330757135
Conc: 402.56 ng/ml

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

Analytical Sequence

Client: Tetra Tech, EMI **SDG No.:** Q3694

Project: R37108 **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/04/2025 11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/04/2025	09:21	PO114870.D	9.93	4.35
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	9.93	4.35
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	9.93	4.35
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	9.93	4.35
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	9.93	4.35
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	9.93	4.35
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	9.93	4.35
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	9.93	4.35
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	9.93	4.35
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	9.93	4.35
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	9.93	4.35
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	9.93	4.35
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	9.93	4.35
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	9.93	4.35
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	9.93	4.35
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	9.93	4.35
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	9.93	4.35
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	9.93	4.35
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	9.93	4.35
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	9.93	4.35
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	9.93	4.35
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	9.93	4.35
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	9.93	4.35
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	9.95	4.37
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	9.93	4.35
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	9.93	4.35
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	9.93	4.35
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	9.93	4.35
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	9.93	4.35
AR1660CCC500	AR1660CCC500	11/21/2025	14:32	PO115324.D	9.92	4.34
I.BLK	I.BLK	11/21/2025	16:04	PO115329.D	9.92	4.34
PB170688BL	PB170688BL	11/21/2025	16:22	PO115330.D	9.92	4.34
PB170688BS	PB170688BS	11/21/2025	16:41	PO115331.D	9.92	4.34
C0AD8	Q3694-01	11/21/2025	18:13	PO115336.D	9.92	4.34
C0AE1	Q3694-02	11/21/2025	19:08	PO115339.D	9.92	4.34
AR1660CCC500	AR1660CCC500	11/21/2025	20:22	PO115340.D	9.92	4.34
I.BLK	I.BLK	11/21/2025	22:12	PO115344.D	9.92	4.34
C0AE2	Q3694-03	11/21/2025	22:30	PO115345.D	9.92	4.34
C0AE3	Q3694-04	11/21/2025	22:49	PO115346.D	9.92	4.34
C0AF3	Q3694-05	11/21/2025	23:07	PO115347.D	9.92	4.34
C0AF4	Q3694-06	11/21/2025	23:26	PO115348.D	9.92	4.34
C0AF5	Q3694-07	11/21/2025	23:44	PO115349.D	9.92	4.34

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Fax : 908 789 8922

Analytical Sequence

C0AF6	Q3694-08	11/22/2025	00:02	PO115350.D	9.92	4.34
C0AL8	Q3694-09	11/22/2025	00:21	PO115351.D	9.92	4.34
C0AL9	Q3694-10	11/22/2025	00:39	PO115352.D	9.92	4.34
C0AM0	Q3694-11	11/22/2025	00:58	PO115353.D	9.92	4.34
C0AM1	Q3694-12	11/22/2025	01:16	PO115354.D	9.92	4.34
AR1660CCC500	AR1660CCC500	11/22/2025	02:30	PO115355.D	9.92	4.34
I.BLK	I.BLK	11/22/2025	04:20	PO115359.D	9.92	4.34
C0AM2	Q3694-13	11/22/2025	04:39	PO115360.D	9.92	4.34
C0AM3	Q3694-14	11/22/2025	04:57	PO115361.D	9.92	4.34
C0AM4	Q3694-15	11/22/2025	05:15	PO115362.D	9.92	4.34
C0AM5	Q3694-16	11/22/2025	05:34	PO115363.D	9.92	4.34
AR1660CCC500	AR1660CCC500	11/22/2025	07:06	PO115365.D	9.92	4.34
I.BLK	I.BLK	11/22/2025	08:56	PO115369.D	9.92	4.34
AR1660CCC500	AR1660CCC500	11/25/2025	09:23	PO115388.D	9.91	4.34
I.BLK	I.BLK	11/25/2025	10:36	PO115392.D	9.91	4.34
C0AD8DL	Q3694-01DL	11/25/2025	13:06	PO115400.D	9.91	4.34
C0AD8DL2	Q3694-01DL2	11/25/2025	13:24	PO115401.D	0.00	0.00
C0AE1DL	Q3694-02DL	11/25/2025	13:43	PO115402.D	9.91	4.34
AR1660CCC500	AR1660CCC500	11/25/2025	14:19	PO115403.D	9.91	4.34
I.BLK	I.BLK	11/25/2025	15:33	PO115407.D	9.91	4.34
C0AM1DL	Q3694-12DL	11/25/2025	16:28	PO115410.D	9.91	4.34
AR1660CCC500	AR1660CCC500	11/25/2025	19:32	PO115418.D	9.92	4.34
I.BLK	I.BLK	11/25/2025	20:45	PO115422.D	9.92	4.34
AR1660CCC500	AR1660CCC500	12/01/2025	10:38	PO115465.D	9.92	4.34
I.BLK	I.BLK	12/01/2025	11:59	PO115469.D	9.91	4.34
C0AD8MS	Q3694-01MS	12/01/2025	12:19	PO115470.D	9.92	4.34
C0AD8MSD	Q3694-01MSD	12/01/2025	12:37	PO115471.D	9.91	4.34
AR1660CCC500	AR1660CCC500	12/01/2025	16:17	PO115479.D	9.91	4.34
I.BLK	I.BLK	12/01/2025	17:31	PO115483.D	9.91	4.34

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Analytical Sequence

Client: Tetra Tech, EMI **SDG No.:** Q3694

Project: R37108 **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/04/2025 11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/04/2025	09:21	PO114870.D	8.64	3.65
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	8.64	3.65
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	8.64	3.65
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	8.64	3.65
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	8.64	3.65
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	8.64	3.65
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	8.64	3.65
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	8.64	3.65
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	8.64	3.65
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	8.64	3.65
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	8.64	3.65
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	8.64	3.65
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	8.64	3.65
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	8.64	3.65
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	8.64	3.65
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	8.64	3.65
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	8.64	3.65
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	8.64	3.65
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	8.64	3.65
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	8.64	3.65
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	8.64	3.65
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	8.64	3.65
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	8.64	3.65
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	8.64	3.65
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	8.64	3.65
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	8.64	3.65
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	8.64	3.65
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	8.64	3.65
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/21/2025	14:32	PO115324.D	8.63	3.64
I.BLK	I.BLK	11/21/2025	16:04	PO115329.D	8.63	3.64
PB170688BL	PB170688BL	11/21/2025	16:22	PO115330.D	8.63	3.64
PB170688BS	PB170688BS	11/21/2025	16:41	PO115331.D	8.63	3.64
C0AD8	Q3694-01	11/21/2025	18:13	PO115336.D	8.63	3.64
C0AE1	Q3694-02	11/21/2025	19:08	PO115339.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/21/2025	20:22	PO115340.D	8.63	3.64
I.BLK	I.BLK	11/21/2025	22:12	PO115344.D	8.63	3.64
C0AE2	Q3694-03	11/21/2025	22:30	PO115345.D	8.63	3.64
C0AE3	Q3694-04	11/21/2025	22:49	PO115346.D	8.63	3.64
C0AF3	Q3694-05	11/21/2025	23:07	PO115347.D	8.63	3.64
C0AF4	Q3694-06	11/21/2025	23:26	PO115348.D	8.63	3.64
C0AF5	Q3694-07	11/21/2025	23:44	PO115349.D	8.63	3.64

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Analytical Sequence

C0AF6	Q3694-08	11/22/2025	00:02	PO115350.D	8.63	3.64
C0AL8	Q3694-09	11/22/2025	00:21	PO115351.D	8.63	3.64
C0AL9	Q3694-10	11/22/2025	00:39	PO115352.D	8.63	3.64
C0AM0	Q3694-11	11/22/2025	00:58	PO115353.D	8.63	3.64
C0AM1	Q3694-12	11/22/2025	01:16	PO115354.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/22/2025	02:30	PO115355.D	8.63	3.64
I.BLK	I.BLK	11/22/2025	04:20	PO115359.D	8.63	3.64
C0AM2	Q3694-13	11/22/2025	04:39	PO115360.D	8.63	3.64
C0AM3	Q3694-14	11/22/2025	04:57	PO115361.D	8.63	3.64
C0AM4	Q3694-15	11/22/2025	05:15	PO115362.D	8.63	3.64
C0AM5	Q3694-16	11/22/2025	05:34	PO115363.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/22/2025	07:06	PO115365.D	8.63	3.64
I.BLK	I.BLK	11/22/2025	08:56	PO115369.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/25/2025	09:23	PO115388.D	8.63	3.64
I.BLK	I.BLK	11/25/2025	10:36	PO115392.D	8.63	3.64
C0AD8DL	Q3694-01DL	11/25/2025	13:06	PO115400.D	8.62	3.64
C0AD8DL2	Q3694-01DL2	11/25/2025	13:24	PO115401.D	0.00	0.00
C0AE1DL	Q3694-02DL	11/25/2025	13:43	PO115402.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/25/2025	14:19	PO115403.D	8.63	3.64
I.BLK	I.BLK	11/25/2025	15:33	PO115407.D	8.63	3.64
C0AM1DL	Q3694-12DL	11/25/2025	16:28	PO115410.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/25/2025	19:32	PO115418.D	8.63	3.64
I.BLK	I.BLK	11/25/2025	20:45	PO115422.D	8.63	3.64
AR1660CCC500	AR1660CCC500	12/01/2025	10:38	PO115465.D	8.62	3.64
I.BLK	I.BLK	12/01/2025	11:59	PO115469.D	8.62	3.64
C0AD8MS	Q3694-01MS	12/01/2025	12:19	PO115470.D	8.62	3.64
C0AD8MSD	Q3694-01MSD	12/01/2025	12:37	PO115471.D	8.62	3.64
AR1660CCC500	AR1660CCC500	12/01/2025	16:17	PO115479.D	8.62	3.64
I.BLK	I.BLK	12/01/2025	17:31	PO115483.D	8.62	3.64

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170688BS

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: PB170688BS Date(s) Analyzed: 11/21/2025 11/21/2025

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 PO115331.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.479	5.429	5.529	149		
	2	5.501	5.451	5.551	148		
	3	5.562	5.512	5.612	154		
COLUMN 1	4	5.658	5.608	5.708	152		
	5	5.95	5.9	6	142	149	
	1	4.72	4.67	4.77	139		
	2	4.739	4.689	4.789	140		
	3	4.913	4.863	4.963	139		
	4	4.956	4.906	5.006	137		
COLUMN 2	5	5.167	5.117	5.217	137	138	7.67
Aroclor-1260	1	7.063	7.013	7.113	142		
	2	7.316	7.266	7.366	149		
	3	7.674	7.624	7.724	127		
COLUMN 1	4	7.896	7.846	7.946	131		
	5	8.202	8.152	8.252	127	135	
	1	6.197	6.147	6.247	134		
	2	6.385	6.335	6.435	126		
	3	6.537	6.487	6.587	132		
	4	7.008	6.958	7.058	115		
COLUMN 2	5	7.249	7.199	7.299	116	125	7.69

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AD8

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-01 Date(s) Analyzed: 11/21/2025 11/21/2025

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 PO115336.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.064	7.014	7.114	20300		
	2	7.322	7.272	7.372	23900		
	3	7.68	7.63	7.73	21800		
COLUMN 1	4	7.893	7.843	7.943	23200		
	5	8.196	8.146	8.246	18000	21000	
	1	6.198	6.148	6.248	19900		
	2	6.386	6.336	6.436	19200		
	3	6.538	6.488	6.588	20400		
	4	7.009	6.959	7.059	20200		
COLUMN 2	5	7.253	7.203	7.303	17500	19000	10

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE1

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-02 Date(s) Analyzed: 11/21/2025 11/21/2025

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 PO115339.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.062	7.012	7.112	533		
	2	7.317	7.267	7.367	575		
	3	7.674	7.624	7.724	534		
COLUMN 1	4	7.896	7.846	7.946	524		
	5	8.202	8.152	8.252	527	539	
	1	6.197	6.147	6.247	484		
	2	6.384	6.334	6.434	470		
	3	6.537	6.487	6.587	471		
	4	7.007	6.957	7.057	457		
COLUMN 2	5	7.249	7.199	7.299	472	471	13.47

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE2

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-03 Date(s) Analyzed: 11/21/2025 11/21/2025

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 PO115345.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	127		
	2	7.317	7.267	7.367	137		
	3	7.674	7.624	7.724	127		
COLUMN 1	4	7.896	7.846	7.946	133		
	5	8.203	8.153	8.253	129	131	
	1	6.197	6.147	6.247	120		
	2	6.385	6.335	6.435	115		
	3	6.537	6.487	6.587	117		
	4	7.008	6.958	7.058	117		
COLUMN 2	5	7.249	7.199	7.299	117	117	11.29

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AE3

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3694
Lab Sample ID: Q3694-04 | Date(s) Analyzed: 11/21/2025 11/21/2025
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: PO115346.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1242	1	5.479	5.429	5.529	41.7		
	2	5.501	5.451	5.551	67.8		
	3	5.57	5.52	5.62	15.5		
COLUMN 1	4	5.658	5.608	5.708	68.5		
	5	6.385	6.335	6.435	50.1	48.7	
	1	4.72	4.67	4.77	42.7		
	2	4.739	4.689	4.789	62.6		
	3	4.913	4.863	4.963	59.4		
	4	4.997	4.947	5.047	52.6		
COLUMN 2	5	5.517	5.467	5.567	45.7	52.6	7.7
Aroclor-1260	1	7.063	7.013	7.113	10.7		
	2	7.317	7.267	7.367	10.6		
	3	7.673	7.623	7.723	9.70		
COLUMN 1	4	7.893	7.843	7.943	13.1		
	5	8.202	8.152	8.252	11.4	11.1	
	1	6.197	6.147	6.247	14.6		
	2	6.384	6.334	6.434	10.2		
	3	6.536	6.486	6.586	7.91		
	4	7.007	6.957	7.057	7.99		
COLUMN 2	5	7.248	7.198	7.298	8.77	9.90	11.43

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AF3

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3694
Lab Sample ID: Q3694-05
Date(s) Analyzed: 11/21/2025 11/21/2025
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 PO115347.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	60.5		
	2	7.318	7.268	7.368	71.7		
	3	7.675	7.625	7.725	72.3		
COLUMN 1	4	7.896	7.846	7.946	67.1		
	5	8.203	8.153	8.253	57.9	65.9	
	1	6.197	6.147	6.247	58.3		
	2	6.385	6.335	6.435	61.9		
	3	6.538	6.488	6.588	54.4		
	4	7.008	6.958	7.058	58.1		
COLUMN 2	5	7.249	7.199	7.299	52.2	57.0	14.48

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AF4

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3694
Lab Sample ID: Q3694-06
Date(s) Analyzed: 11/21/2025 11/21/2025
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 PO115348.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	42.8		
	2	7.316	7.266	7.366	52.6		
	3	7.674	7.624	7.724	51.2		
COLUMN 1	4	7.896	7.846	7.946	48.5		
	5	8.203	8.153	8.253	43.0	47.6	
	1	6.197	6.147	6.247	44.1		
	2	6.384	6.334	6.434	46.7		
	3	6.537	6.487	6.587	40.0		
	4	7.007	6.957	7.057	41.9		
COLUMN 2	5	7.248	7.198	7.298	38.9	42.3	11.79

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AF5

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3694

Lab Sample ID: Q3694-07 | Date(s) Analyzed: 11/21/2025 11/21/2025

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 PO115349.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1242	1	5.48	5.43	5.53	52.3		
	2	5.501	5.451	5.551	86.9		
	3	5.567	5.517	5.617	18.7		
COLUMN 1	4	5.658	5.608	5.708	88.1		
	5	6.385	6.335	6.435	73.9	64.0	
	1	4.72	4.67	4.77	48.8		
	2	4.739	4.689	4.789	85.4		
	3	4.914	4.864	4.964	82.9		
	4	4.997	4.947	5.047	92.3		
COLUMN 2	5	5.518	5.468	5.568	137	89.3	33.01
Aroclor-1254	1	6.322	6.272	6.372	74.0		
	2	6.537	6.487	6.587	70.4		
	3	6.899	6.849	6.949	67.8		
COLUMN 1	4	7.181	7.131	7.231	71.8		
	5	7.595	7.545	7.645	167	90.2	
	1	5.518	5.468	5.568	65.4		
	2	5.665	5.615	5.715	65.6		
	3	6.067	6.017	6.117	85.4		
	4	6.294	6.244	6.344	63.8		
COLUMN 2	5	6.71	6.66	6.76	119	79.9	12.11

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IDENTIFICATION SUMMARY
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Aroclor-1260	1	7.064	7.014	7.114	83.1		
	2	7.317	7.267	7.367	96.8		
	3	7.675	7.625	7.725	72.2		
COLUMN 1	4	7.896	7.846	7.946	99.0		
	5	8.203	8.153	8.253	61.3	82.5	
	1	6.197	6.147	6.247	89.4		
	2	6.385	6.335	6.435	80.1		
	3	6.536	6.486	6.586	75.6		
	4	7.008	6.958	7.058	57.6		
COLUMN 2	5	7.249	7.199	7.299	63.4	73.2	11.95

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AF6

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-08 Date(s) Analyzed: 11/22/2025 11/22/2025

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 PO115350.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1242	1	5.48	5.43	5.53	26.5		
	2	5.501	5.451	5.551	48.7		
	3	5.567	5.517	5.617	12.0		
COLUMN 1	4	5.659	5.609	5.709	53.3		
	5	6.385	6.335	6.435	21.8	32.5	
	1	4.72	4.67	4.77	27.3		
	2	4.739	4.689	4.789	47.9		
	3	4.914	4.864	4.964	45.2		
	4	4.997	4.947	5.047	42.3		
COLUMN 2	5	5.518	5.468	5.568	35.2	39.6	19.69
Aroclor-1260	1	7.064	7.014	7.114	31.7		
	2	7.318	7.268	7.368	34.2		
	3	7.675	7.625	7.725	30.2		
COLUMN 1	4	7.895	7.845	7.945	37.8		
	5	8.203	8.153	8.253	31.7	33.1	
	1	6.197	6.147	6.247	33.0		
	2	6.385	6.335	6.435	31.0		
	3	6.537	6.487	6.587	30.1		
	4	7.008	6.958	7.058	28.2		
COLUMN 2	5	7.248	7.198	7.298	28.4	30.1	9.49

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AL8

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-09 Date(s) Analyzed: 11/22/2025 11/22/2025

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 PO115351.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.064	7.014	7.114	40.2		
	2	7.318	7.268	7.368	47.8		
	3	7.674	7.624	7.724	49.8		
COLUMN 1	4	7.895	7.845	7.945	53.6		
	5	8.203	8.153	8.253	41.8	46.7	
	1	6.197	6.147	6.247	41.5		
	2	6.385	6.335	6.435	42.6		
	3	6.538	6.488	6.588	38.1		
	4	7.008	6.958	7.058	39.8		
COLUMN 2	5	7.249	7.199	7.299	36.4	39.7	16.2

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AL9

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-10 Date(s) Analyzed: 11/22/2025 11/22/2025

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 PO115352.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.322	6.272	6.372	222		
	2	6.538	6.488	6.588	221		
	3	6.899	6.849	6.949	198		
COLUMN 1	4	7.18	7.13	7.23	195		
	5	7.595	7.545	7.645	419	251	
	1	5.518	5.468	5.568	166		
	2	5.665	5.615	5.715	201		
	3	6.067	6.017	6.117	243		
	4	6.295	6.245	6.345	167		
COLUMN 2	5	6.71	6.66	6.76	289	213	16.38
Aroclor-1260	1	7.063	7.013	7.113	242		
	2	7.317	7.267	7.367	265		
	3	7.674	7.624	7.724	205		
COLUMN 1	4	7.896	7.846	7.946	269		
	5	8.203	8.153	8.253	185	233	
	1	6.197	6.147	6.247	245		
	2	6.384	6.334	6.434	209		
	3	6.537	6.487	6.587	209		
	4	7.008	6.958	7.058	166		
COLUMN 2	5	7.249	7.199	7.299	178	201	14.75

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AM0

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-11 Date(s) Analyzed: 11/22/2025 11/22/2025

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 PO115353.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	39.3		
	2	7.317	7.267	7.367	46.9		
	3	7.674	7.624	7.724	46.6		
COLUMN 1	4	7.895	7.845	7.945	48.2		
	5	8.202	8.152	8.252	36.3	43.5	
	1	6.196	6.146	6.246	39.4		
	2	6.384	6.334	6.434	41.2		
	3	6.537	6.487	6.587	34.7		
	4	7.007	6.957	7.057	38.1		
COLUMN 2	5	7.249	7.199	7.299	35.2	37.7	14.29

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AM1

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3694
Lab Sample ID: Q3694-12
Date(s) Analyzed: 11/22/2025 11/22/2025
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 PO115354.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.064	7.014	7.114	908		
	2	7.317	7.267	7.367	1140		
	3	7.675	7.625	7.725	1130		
COLUMN 1	4	7.896	7.846	7.946	1140		
	5	8.202	8.152	8.252	1110	1100	
	1	6.198	6.148	6.248	806		
	2	6.385	6.335	6.435	873		
	3	6.538	6.488	6.588	812		
	4	7.008	6.958	7.058	950		
COLUMN 2	5	7.249	7.199	7.299	1000	889	21.22

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AM2

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-13 Date(s) Analyzed: 11/22/2025 11/22/2025

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 PO115360.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	64.9		
	2	7.317	7.267	7.367	68.2		
	3	7.675	7.625	7.725	60.4		
COLUMN 1	4	7.896	7.846	7.946	68.0		
	5	8.202	8.152	8.252	56.6	63.6	
	1	6.197	6.147	6.247	65.2		
	2	6.385	6.335	6.435	59.0		
	3	6.537	6.487	6.587	58.3		
	4	7.008	6.958	7.058	54.6		
COLUMN 2	5	7.249	7.199	7.299	50.9	57.6	9.9

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AM3

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-14 Date(s) Analyzed: 11/22/2025 11/22/2025

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 PO115361.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	27.4		
	2	7.318	7.268	7.368	29.7		
	3	7.676	7.626	7.726	28.5		
COLUMN 1	4	7.895	7.845	7.945	29.4		
	5	8.203	8.153	8.253	25.0	28.0	
	1	6.197	6.147	6.247	28.3		
	2	6.385	6.335	6.435	27.0		
	3	6.537	6.487	6.587	24.5		
	4	7.008	6.958	7.058	21.5		
COLUMN 2	5	7.249	7.199	7.299	22.1	24.7	12.52

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AM4

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-15 Date(s) Analyzed: 11/22/2025 11/22/2025

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 PO115362.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	16.6		
	2	7.318	7.268	7.368	12.9		
	3	7.674	7.624	7.724	11.1		
COLUMN 1	4	7.894	7.844	7.944	15.7		
	5	8.202	8.152	8.252	11.2	13.5	
	1	6.197	6.147	6.247	14.3		
	2	6.385	6.335	6.435	25.8		
	3	6.537	6.487	6.587	10.7		
	4	7.008	6.958	7.058	9.15		
COLUMN 2	5	7.249	7.199	7.299	8.47	13.7	1.47

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AM5

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-16 Date(s) Analyzed: 11/22/2025 11/22/2025

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 PO115363.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.064	7.014	7.114	11.1		
	2	7.318	7.268	7.368	8.75		
	3	7.675	7.625	7.725	6.60		
COLUMN 1	4	7.896	7.846	7.946	12.3		
	5	8.204	8.154	8.254	7.65	9.30	
	1	6.197	6.147	6.247	13.4		
	2	6.384	6.334	6.434	8.77		
	3	6.537	6.487	6.587	7.60		
	4	7.007	6.957	7.057	6.57		
COLUMN 2	5	7.248	7.198	7.298	4.96	8.30	11.36

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AD8DL

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3694
Lab Sample ID: Q3694-01DL
Date(s) Analyzed: 11/25/2025 11/25/2025
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 PO115400.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.06	7.01	7.11	19100		
	2	7.315	7.265	7.365	21400		
	3	7.671	7.621	7.721	19900		
COLUMN 1	4	7.892	7.842	7.942	19300		
	5	8.199	8.149	8.249	21100	20000	
	1	6.194	6.144	6.244	16500		
	2	6.382	6.332	6.432	15900		
	3	6.534	6.484	6.584	16400		
	4	7.005	6.955	7.055	15900		
COLUMN 2	5	7.245	7.195	7.295	17200	16000	22.22

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AD8DL2

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-01DL2 Date(s) Analyzed: 11/25/2025 11/25/2025

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 PO115401.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.061	7.011	7.111	18300		
	2	7.314	7.264	7.364	19600		
	3	7.672	7.622	7.722	18000		
COLUMN 1	4	7.894	7.844	7.944	17600		
	5	8.2	8.15	8.25	17800	18000	
	1	6.194	6.144	6.244	16800		
	2	6.382	6.332	6.432	15800		
	3	6.534	6.484	6.584	16200		
	4	7.005	6.955	7.055	15300		
COLUMN 2	5	7.246	7.196	7.296	15300	16000	11.76

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE1DL

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-02DL Date(s) Analyzed: 11/25/2025 11/25/2025

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 PO115402.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.06	7.01	7.11	502		
	2	7.315	7.265	7.365	553		
	3	7.672	7.622	7.722	503		
COLUMN 1	4	7.893	7.843	7.943	486		
	5	8.2	8.15	8.25	485	506	
	1	6.194	6.144	6.244	459		
	2	6.382	6.332	6.432	437		
	3	6.535	6.485	6.585	438		
	4	7.005	6.955	7.055	419		
COLUMN 2	5	7.246	7.196	7.296	425	435	15.09

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AM1DL

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3694
Lab Sample ID: Q3694-12DL
Date(s) Analyzed: 11/25/2025 11/25/2025
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 PO115410.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.06	7.01	7.11	872		
	2	7.314	7.264	7.364	1080		
	3	7.672	7.622	7.722	1070		
COLUMN 1	4	7.893	7.843	7.943	1100		
	5	8.199	8.149	8.249	1010	1000	
	1	6.194	6.144	6.244	809		
	2	6.382	6.332	6.432	846		
	3	6.534	6.484	6.584	783		
	4	7.005	6.955	7.055	896		
COLUMN 2	5	7.246	7.196	7.296	904	848	16.45

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AD8MS

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-01MS Date(s) Analyzed: 12/01/2025 12/01/2025

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 PO115470.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.479	5.429	5.529	210		
	2	5.5	5.45	5.55	220		
	3	5.561	5.511	5.611	207		
COLUMN 1	4	5.657	5.607	5.707	224		
	5	5.948	5.898	5.998	232	219	
	1	4.717	4.667	4.767	201		
	2	4.737	4.687	4.787	209		
	3	4.91	4.86	4.96	197		
	4	4.953	4.903	5.003	338		
COLUMN 2	5	5.165	5.115	5.215	222	233	6.19
Aroclor-1260	1	7.062	7.012	7.112	4000		
	2	7.316	7.266	7.366	4430		
	3	7.672	7.622	7.722	3980		
COLUMN 1	4	7.894	7.844	7.944	3800		
	5	8.201	8.151	8.251	4040	4100	
	1	6.194	6.144	6.244	3290		
	2	6.381	6.331	6.431	3120		
	3	6.533	6.483	6.583	3320		
	4	7.004	6.954	7.054	3180		
COLUMN 2	5	7.245	7.195	7.295	3390	3300	21.62

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AD8MSD

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3694

Lab Sample ID: Q3694-01MSD Date(s) Analyzed: 12/01/2025 12/01/2025

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 PO115471.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.476	5.426	5.526	209		
	2	5.498	5.448	5.548	220		
	3	5.56	5.51	5.61	207		
COLUMN 1	4	5.656	5.606	5.706	225		
	5	5.946	5.896	5.996	234	219	
	1	4.716	4.666	4.766	184		
	2	4.736	4.686	4.786	210		
	3	4.91	4.86	4.96	196		
	4	4.952	4.902	5.002	337		
COLUMN 2	5	5.163	5.113	5.213	223	230	4.9
Aroclor-1260	1	7.06	7.01	7.11	3990		
	2	7.313	7.263	7.363	4440		
	3	7.671	7.621	7.721	3990		
COLUMN 1	4	7.893	7.843	7.943	3800		
	5	8.198	8.148	8.248	4040	4100	
	1	6.192	6.142	6.242	3290		
	2	6.38	6.33	6.43	3130		
	3	6.533	6.483	6.583	3320		
	4	7.003	6.953	7.053	3180		
COLUMN 2	5	7.245	7.195	7.295	3380	3300	21.62

QC SAMPLE DATA

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R37108	Date Received:	
Client Sample ID:	PB170688BL	SDG No.:	Q3694
Lab Sample ID:	PB170688BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	17.0	U	1	3.90	17.0	ug/kg	11/21/25 16:22	PB170688
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	11/21/25 16:22	PB170688
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	11/21/25 16:22	PB170688
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	11/21/25 16:22	PB170688
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	11/21/25 16:22	PB170688
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	11/21/25 16:22	PB170688
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	11/21/25 16:22	PB170688
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	11/21/25 16:22	PB170688
11096-82-5	Aroclor-1260	17.0	U	1	3.20	17.0	ug/kg	11/21/25 16:22	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.4			21 - 165	122%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.3			10 - 170	127%	SPK: 20		

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\PO112125\
Data File : PO115330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:22
Operator : YP/AJ
Sample : PB170688BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170688BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:43:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.644	171.9E6	107.5E6	24.427	24.067
2)	SA Decachlor...	9.919	8.629	111.9E6	97360536	25.327	24.940
	Target Compounds						

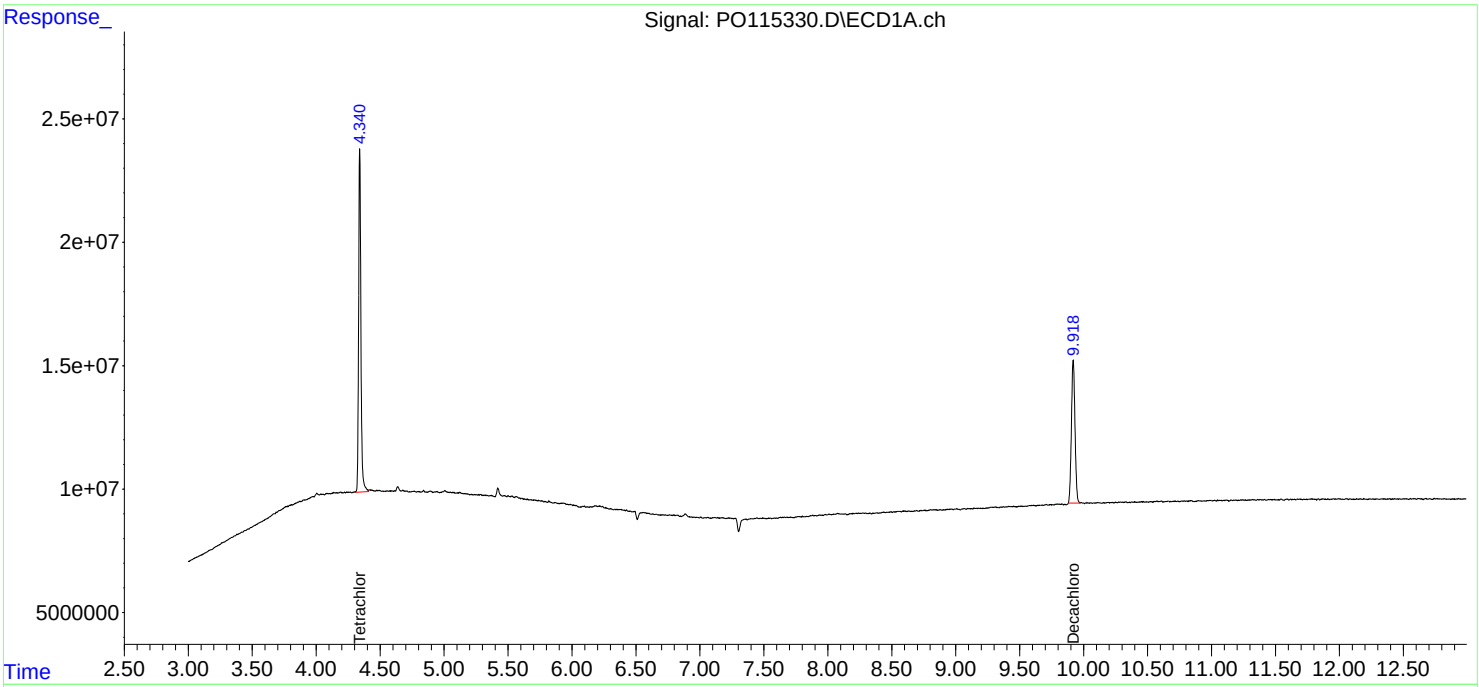
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

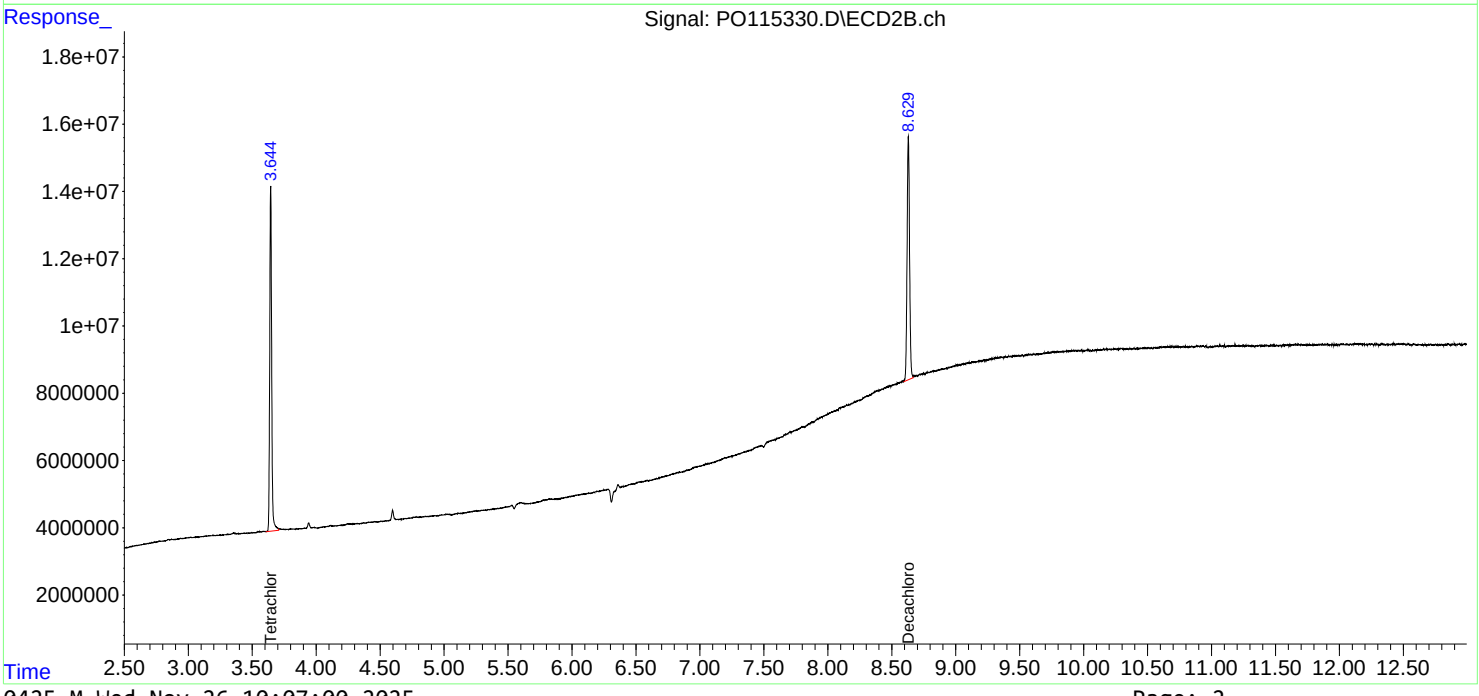
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:22
Operator : YP/AJ
Sample : PB170688BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

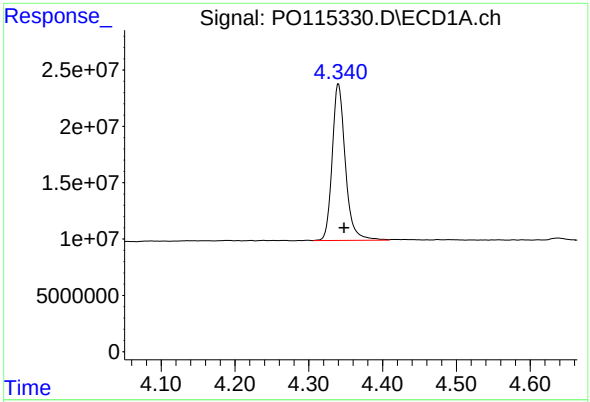
Instrument :
ECD_O
ClientSampleId :
PB170688BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:43:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



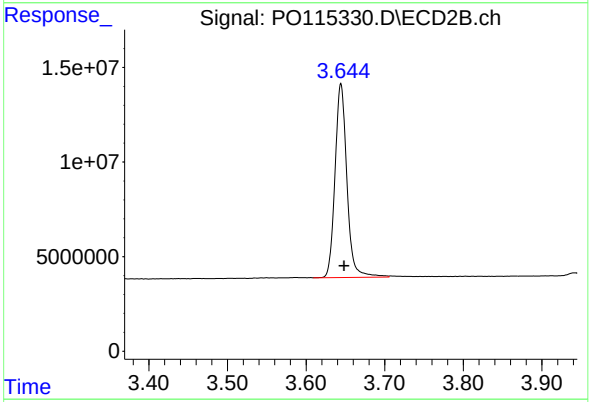




#1 Tetrachloro-m-xylene

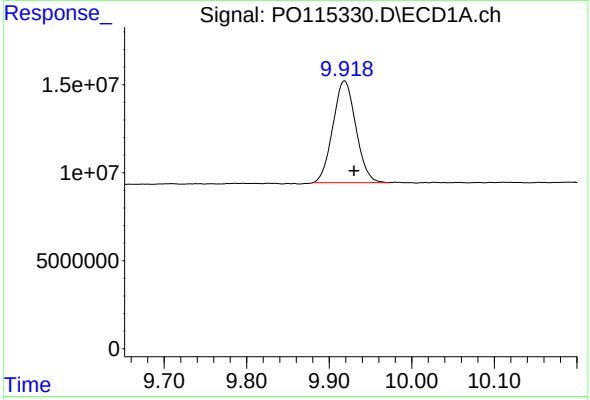
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 171919815
Conc: 24.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170688BL



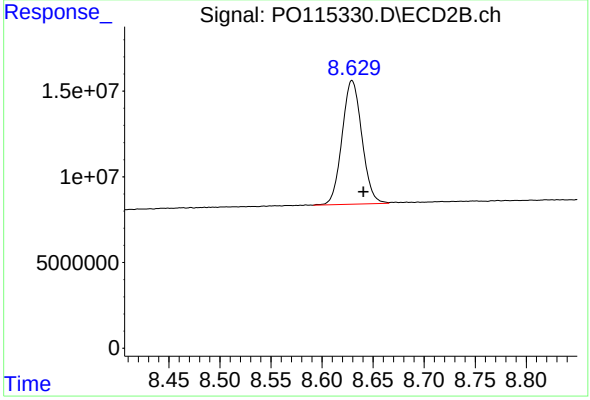
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 107501093
Conc: 24.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 111949602
Conc: 25.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.011 min
Response: 97360536
Conc: 24.94 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/25
Project:	R37108	Date Received:	11/04/25
Client Sample ID:	PIBLK-PO114870.D	SDG No.:	Q3694
Lab Sample ID:	I.BLK-PO114870.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/04/25	po110425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/04/25	po110425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/04/25	po110425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/04/25	po110425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/04/25	po110425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/04/25	po110425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/04/25	po110425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/04/25	po110425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/04/25	po110425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.5			60 - 140	77%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.8			60 - 140	84%	SPK: 20		

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\PO110425\
Data File : PO114870.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:21
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: Nov 05 02:16:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 02:14:41 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...	4.348	3.649	108.8E6	72481407	15.462	16.227
2)	SA Decachlor...	9.930	8.641	74180497	67480996	16.782	17.286
	Target Compounds						

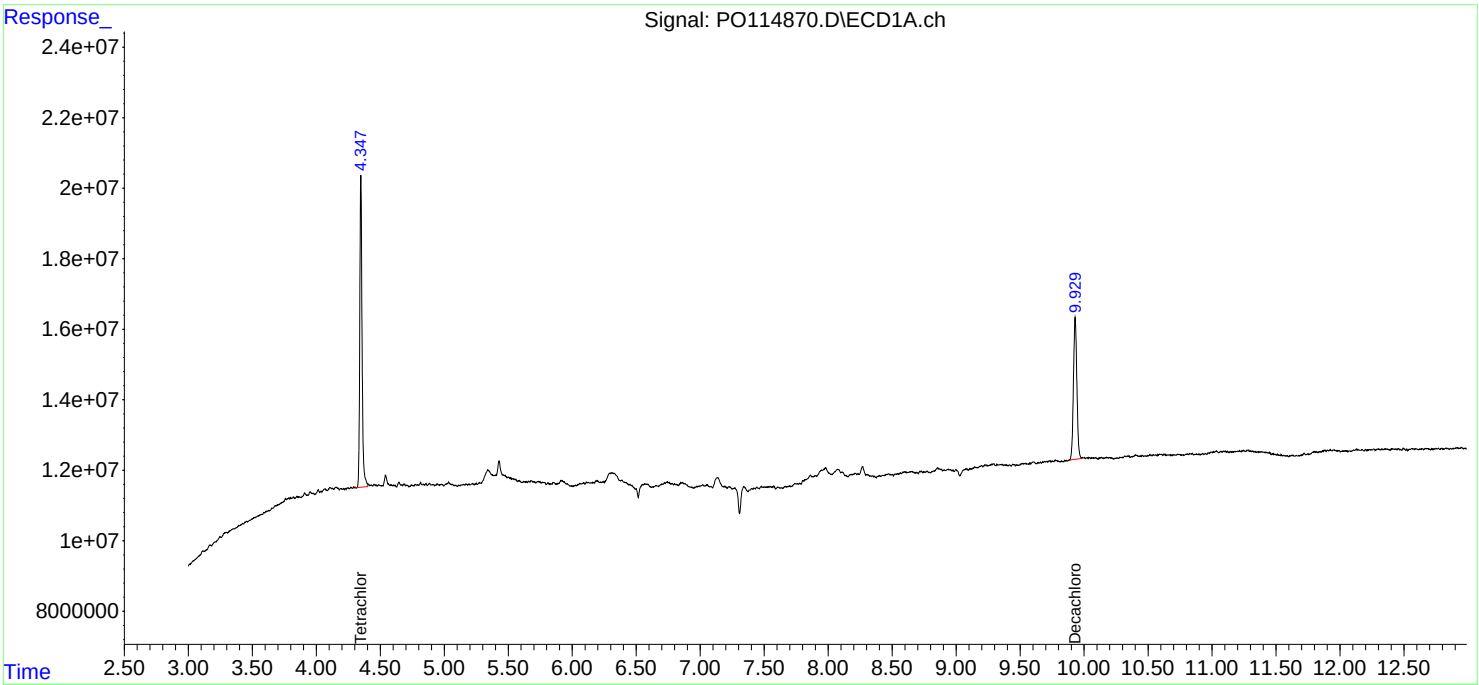
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

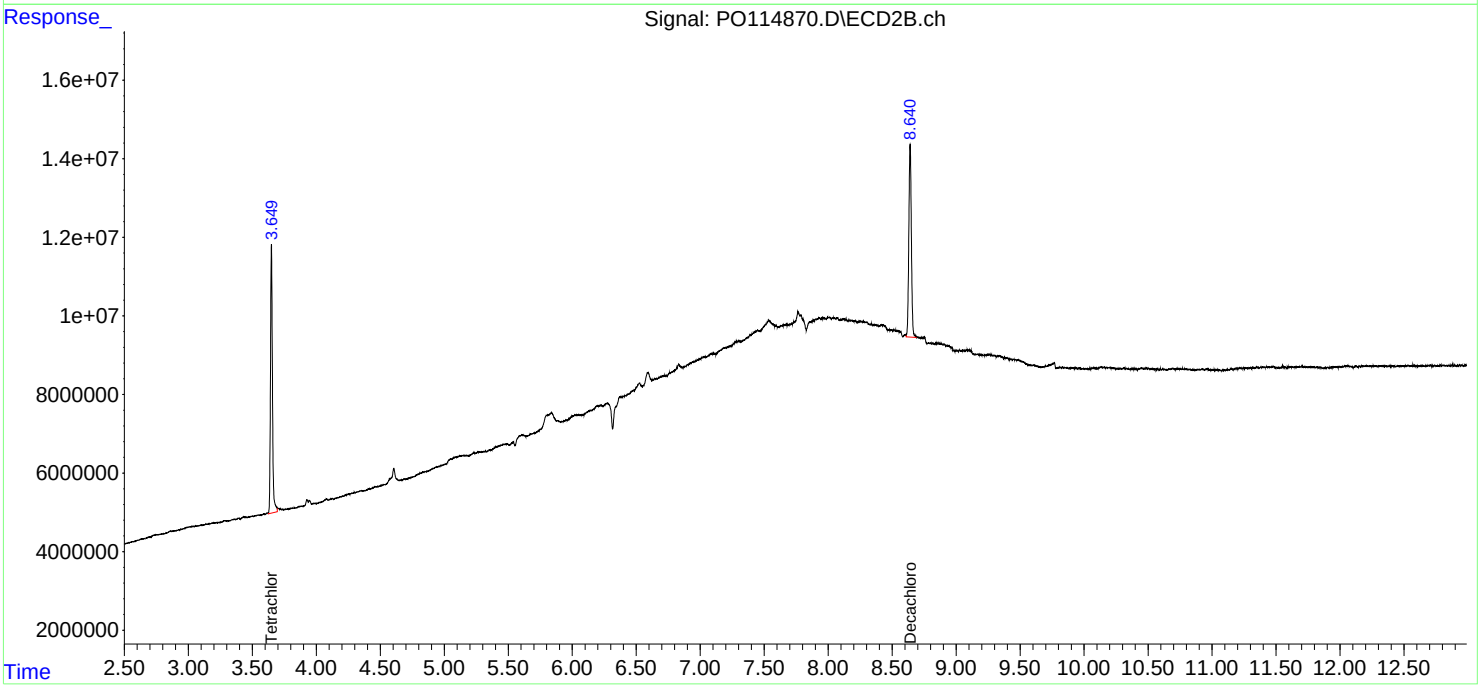
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114870.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:21
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

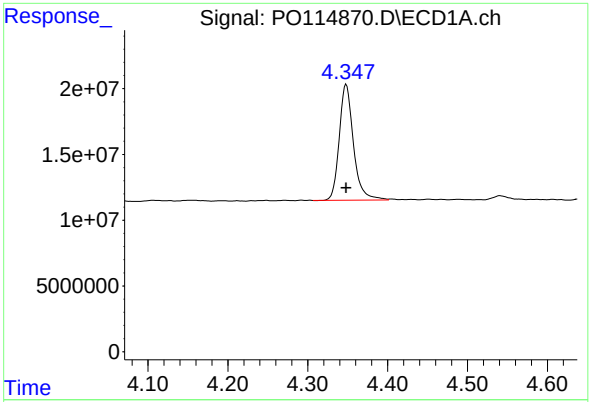
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 02:16:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 02:14:41 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



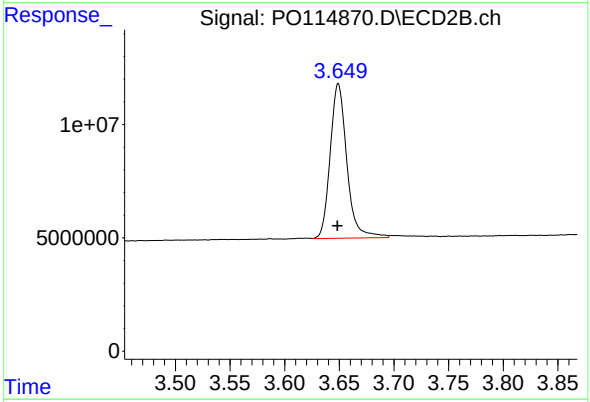




#1 Tetrachloro-m-xylene

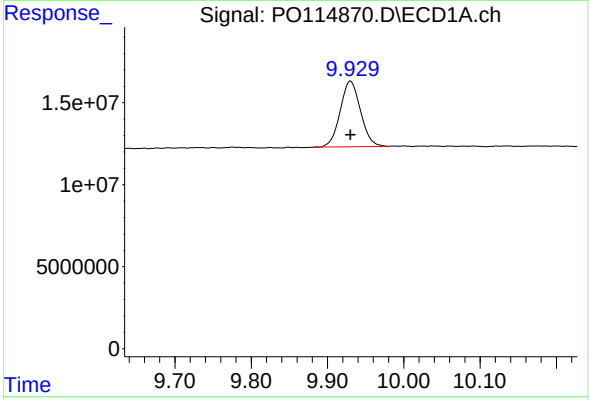
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 108823881
Conc: 15.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



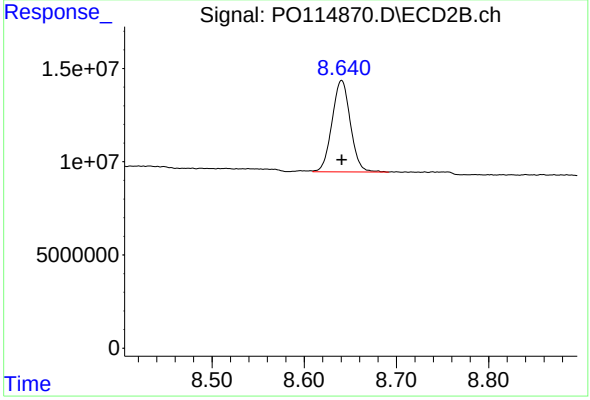
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 72481407
Conc: 16.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 74180497
Conc: 16.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 67480996
Conc: 17.29 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PO115329.D	SDG No.:	Q3694
Lab Sample ID:	I.BLK-PO115329.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/21/25	PO112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PO112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PO112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PO112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PO112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PO112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PO112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PO112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PO112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.7			60 - 140	124%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.0			60 - 140	125%	SPK: 20		

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\PO112125\
Data File : PO115329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:04
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: Nov 26 01:18:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	174.1E6	110.3E6	24.735	24.701
2)	SA Decachlor...	9.919	8.629	112.5E6	97470056	25.450	24.968
	Target Compounds						

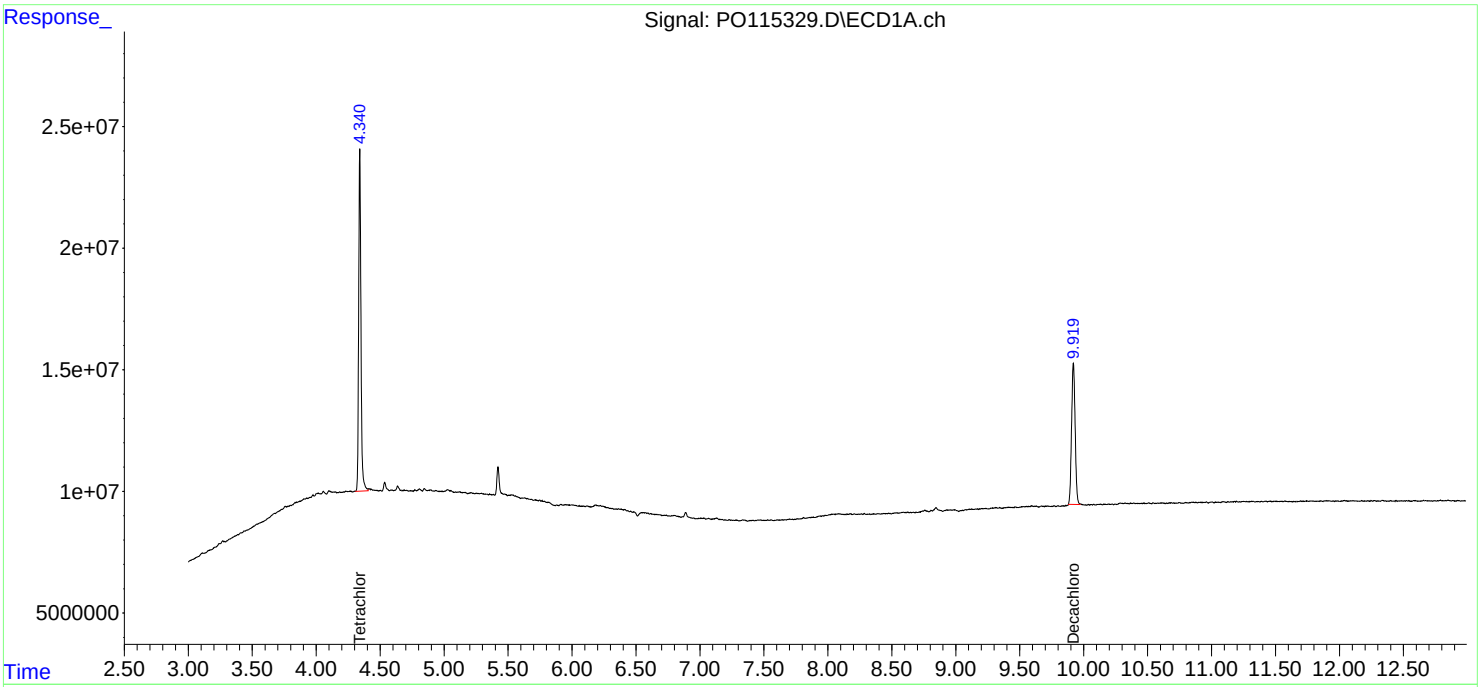
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

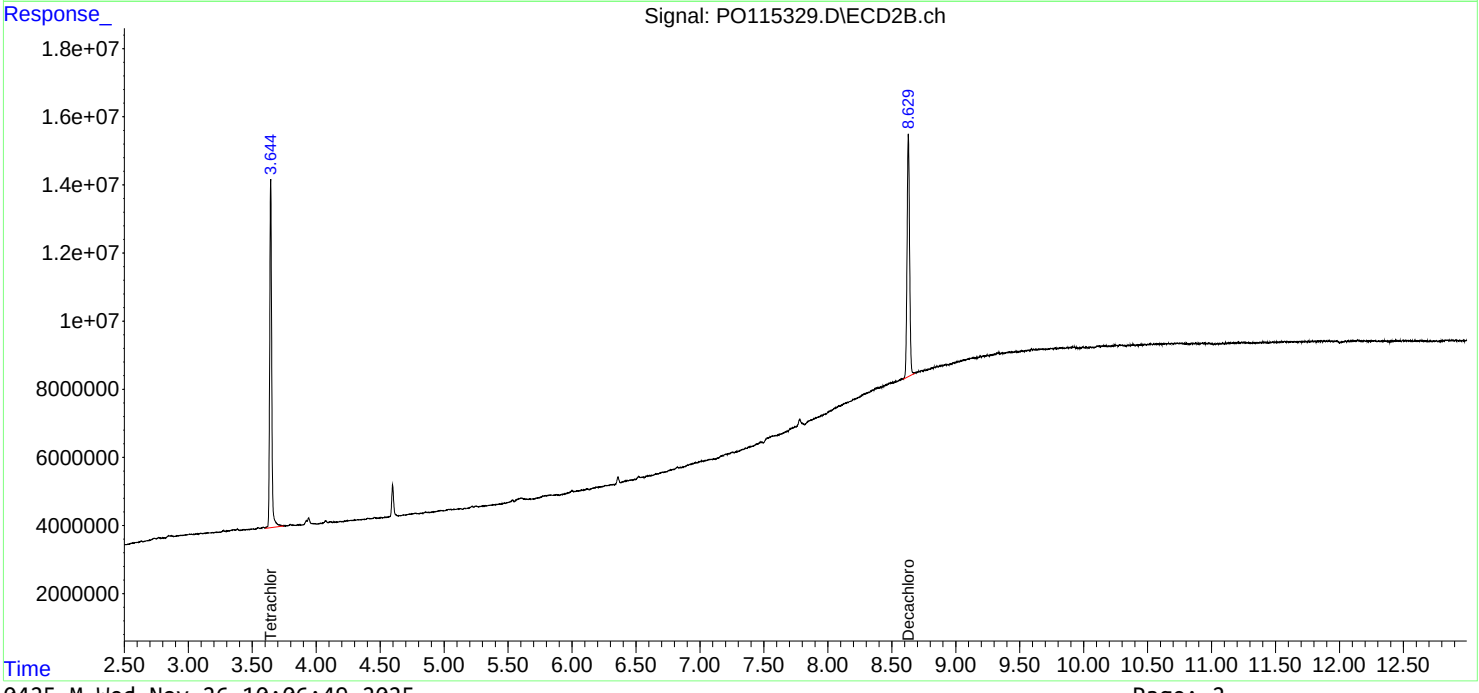
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:04
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

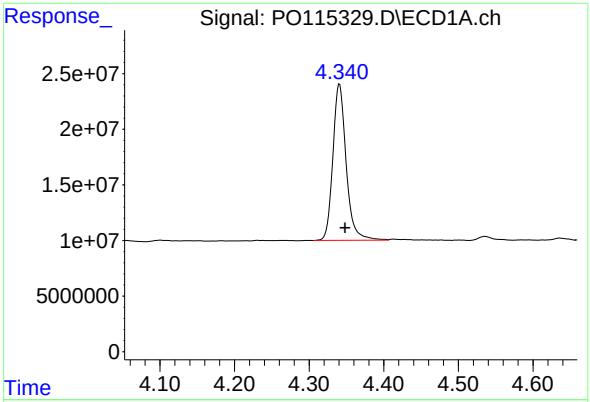
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:18:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



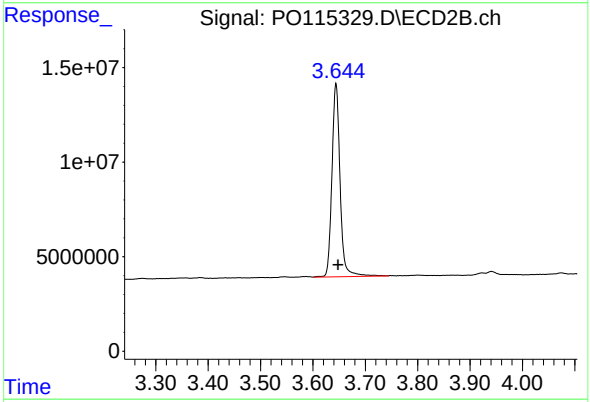




#1 Tetrachloro-m-xylene

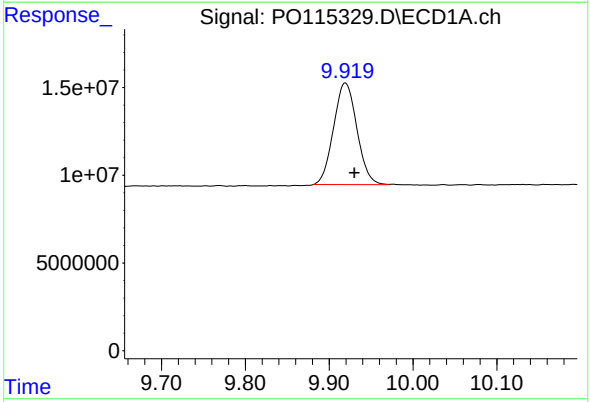
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 174091340
Conc: 24.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



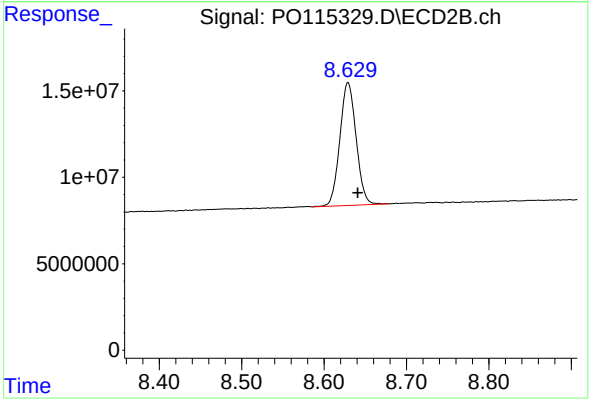
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 110333889
Conc: 24.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 112496256
Conc: 25.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.012 min
Response: 97470056
Conc: 24.97 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PO115344.D	SDG No.:	Q3694
Lab Sample ID:	I.BLK-PO115344.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/21/25	PO112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PO112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PO112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PO112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PO112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PO112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PO112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PO112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PO112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.3			60 - 140	121%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.6			60 - 140	128%	SPK: 20		

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\PO112125\
Data File : PO115344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:12
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: Nov 26 01:21:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.644	174.2E6	108.5E6	24.750	24.301
2)	SA Decachlor...	9.918	8.629	114.3E6	99900942	25.869	25.591
	Target Compounds						

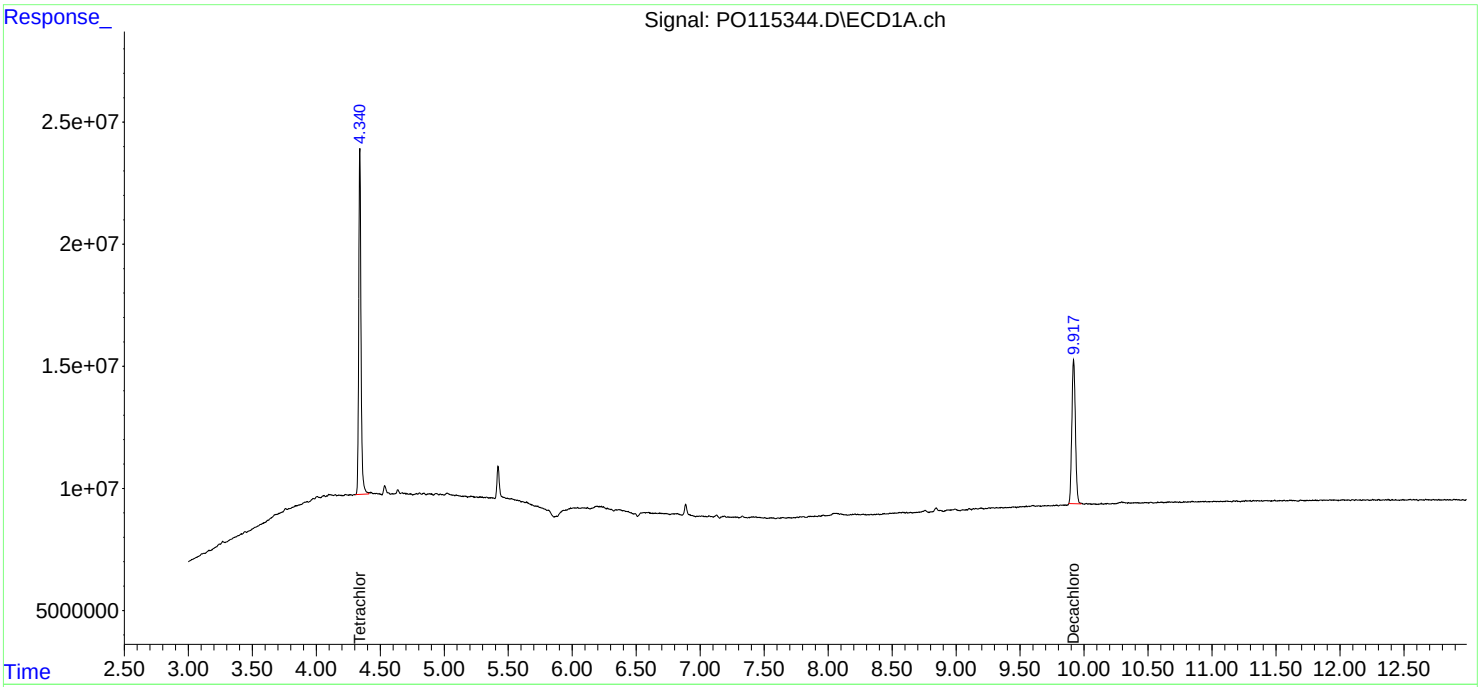
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

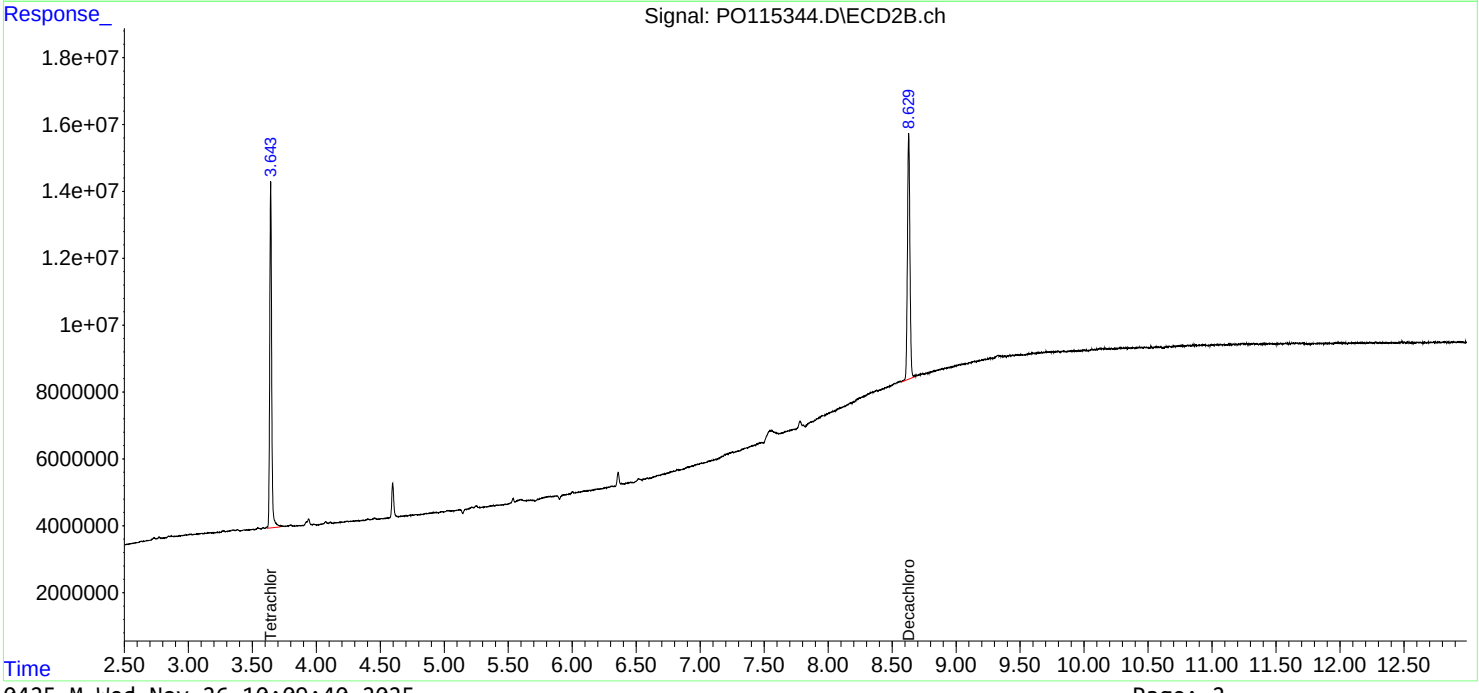
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

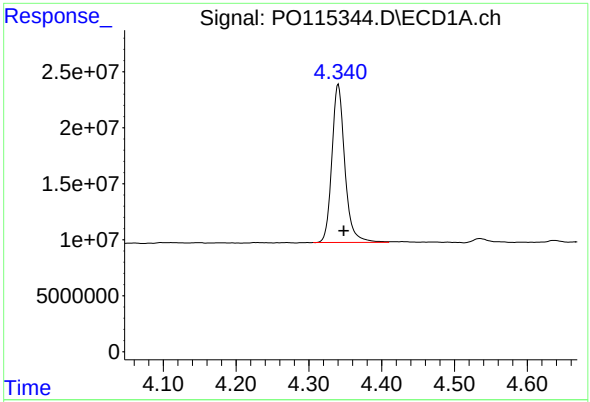
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:21:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



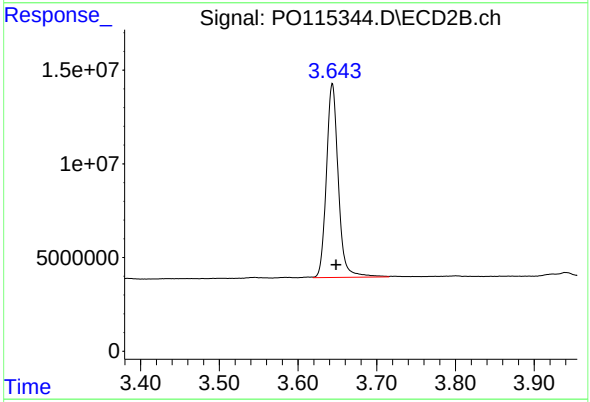




#1 Tetrachloro-m-xylene

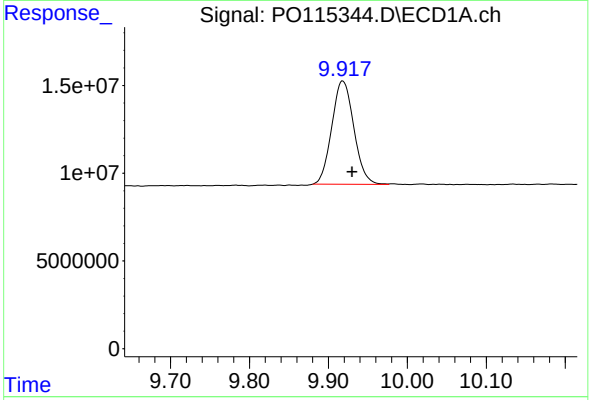
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 174191572
Conc: 24.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



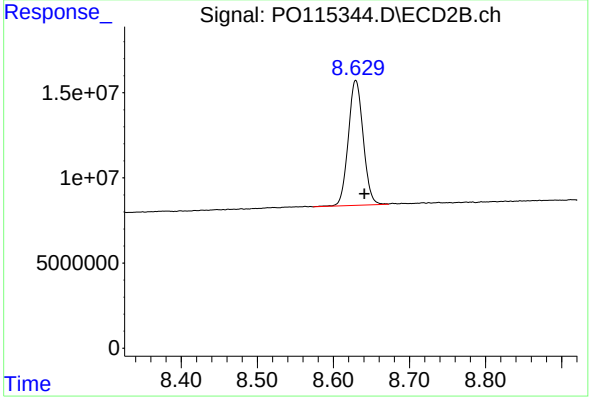
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 108546353
Conc: 24.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 114348192
Conc: 25.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.011 min
Response: 99900942
Conc: 25.59 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/22/25
Project:	R37108	Date Received:	11/22/25
Client Sample ID:	PIBLK-PO115359.D	SDG No.:	Q3694
Lab Sample ID:	I.BLK-PO115359.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/22/25	PO112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/22/25	PO112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/22/25	PO112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/22/25	PO112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/22/25	PO112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/22/25	PO112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/22/25	PO112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/22/25	PO112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/22/25	PO112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.2			60 - 140	126%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.5			60 - 140	133%	SPK: 20		

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\PO112125\
Data File : PO115359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 04:20
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: Nov 26 01:24:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	181.5E6	112.7E6	25.786	25.241
2)	SA Decachlor...	9.920	8.630	119.5E6	103.5E6	27.026	26.509
	Target Compounds						

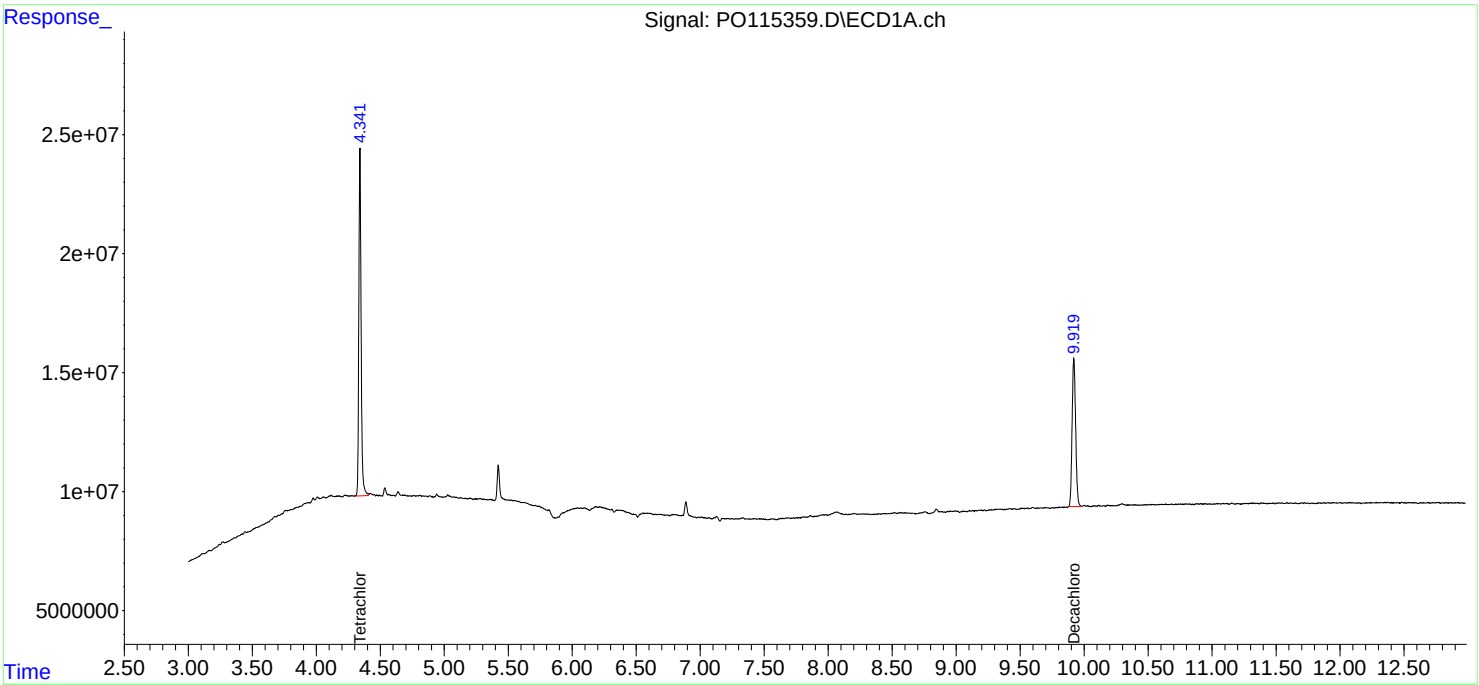
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

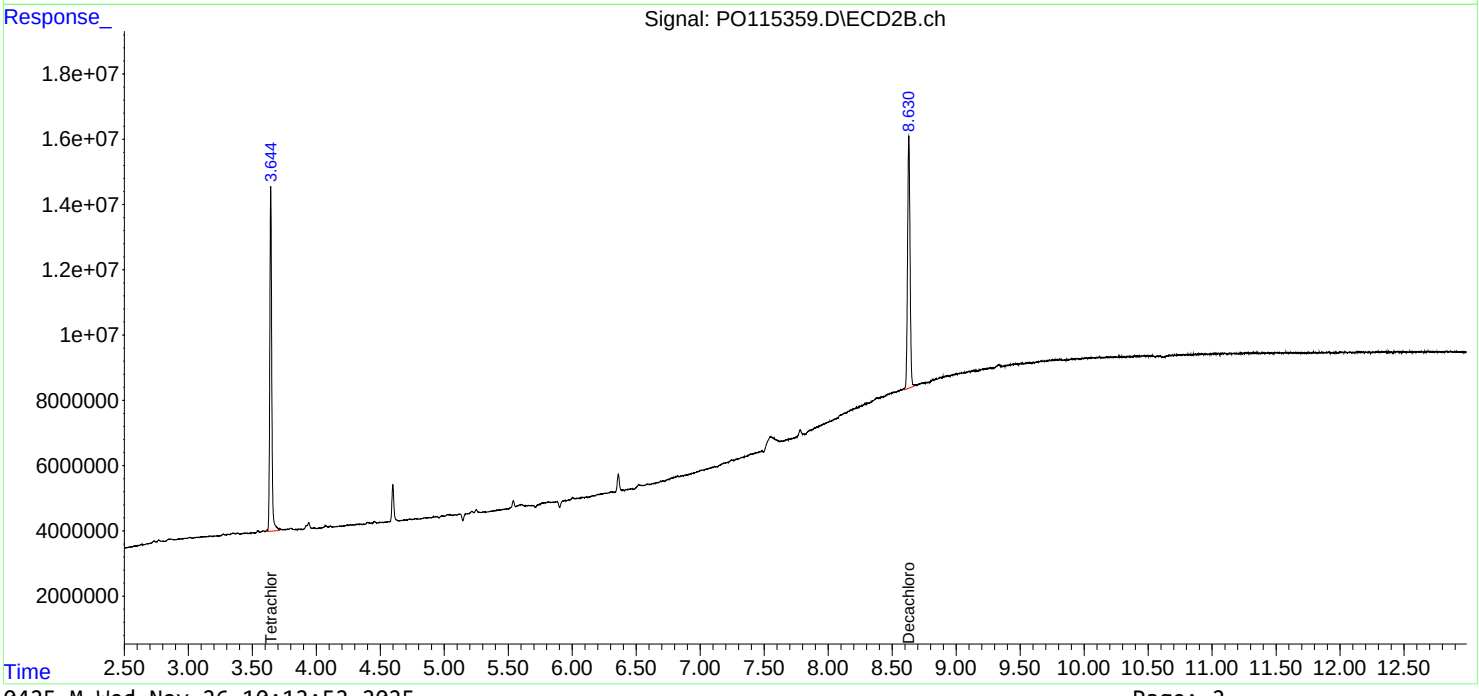
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 04:20
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

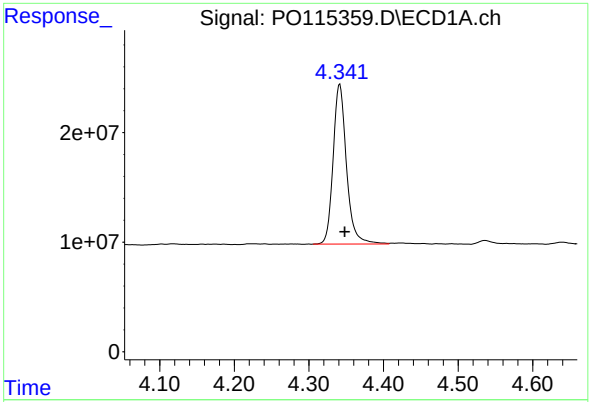
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:24:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



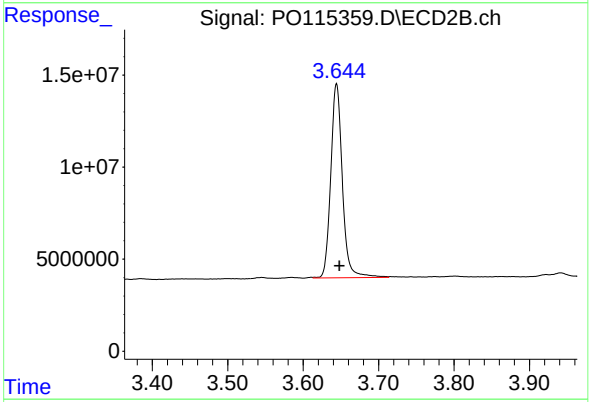




#1 Tetrachloro-m-xylene

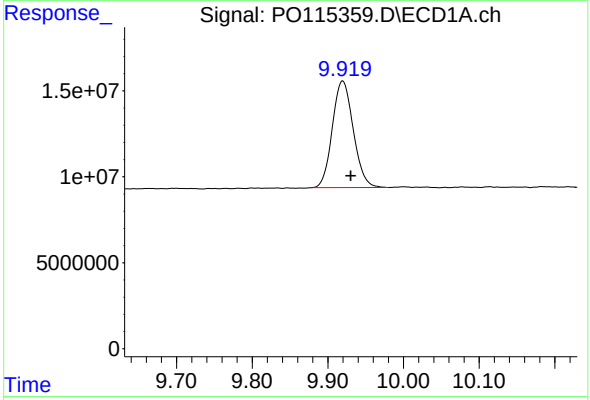
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 181485003
Conc: 25.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



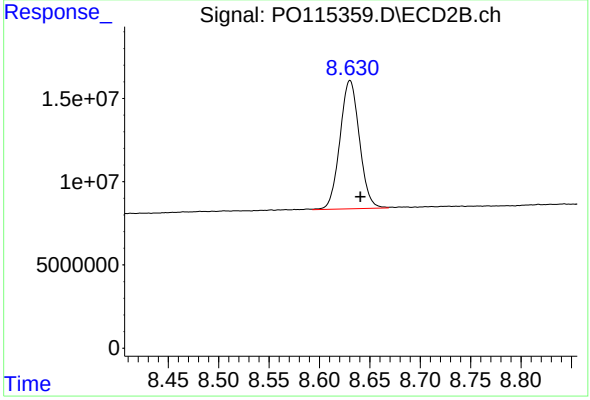
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 112746008
Conc: 25.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 119462752
Conc: 27.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 103486893
Conc: 26.51 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/22/25
Project:	R37108	Date Received:	11/22/25
Client Sample ID:	PIBLK-PO115369.D	SDG No.:	Q3694
Lab Sample ID:	I.BLK-PO115369.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/22/25	PO112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/22/25	PO112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/22/25	PO112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/22/25	PO112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/22/25	PO112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/22/25	PO112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/22/25	PO112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/22/25	PO112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/22/25	PO112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.0			60 - 140	130%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.8			60 - 140	139%	SPK: 20		

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\PO112125\
Data File : PO115369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 08:56
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: Nov 26 01:27:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.340	3.643	189.3E6	116.1E6	26.889	25.999
2)	SA Decachlor...	9.918	8.629	123.3E6	108.3E6	27.901	27.750
	Target Compounds						

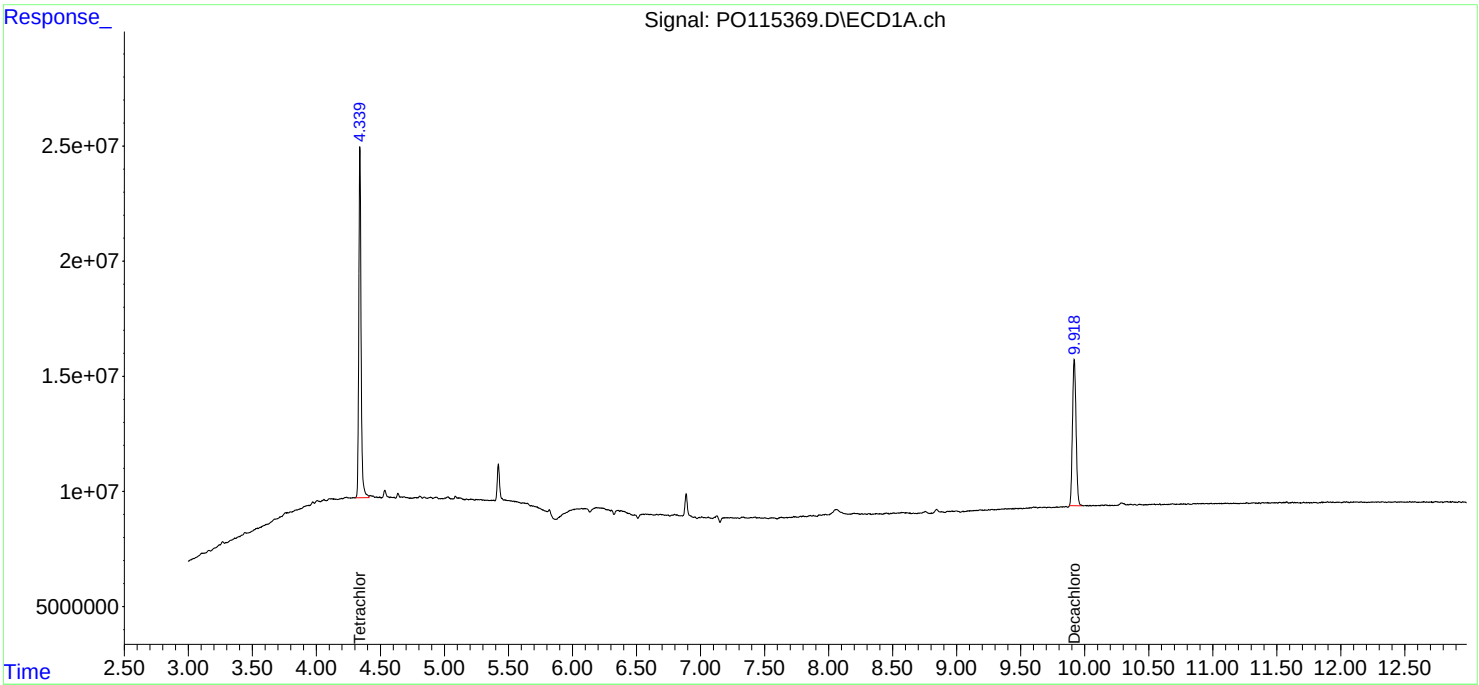
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

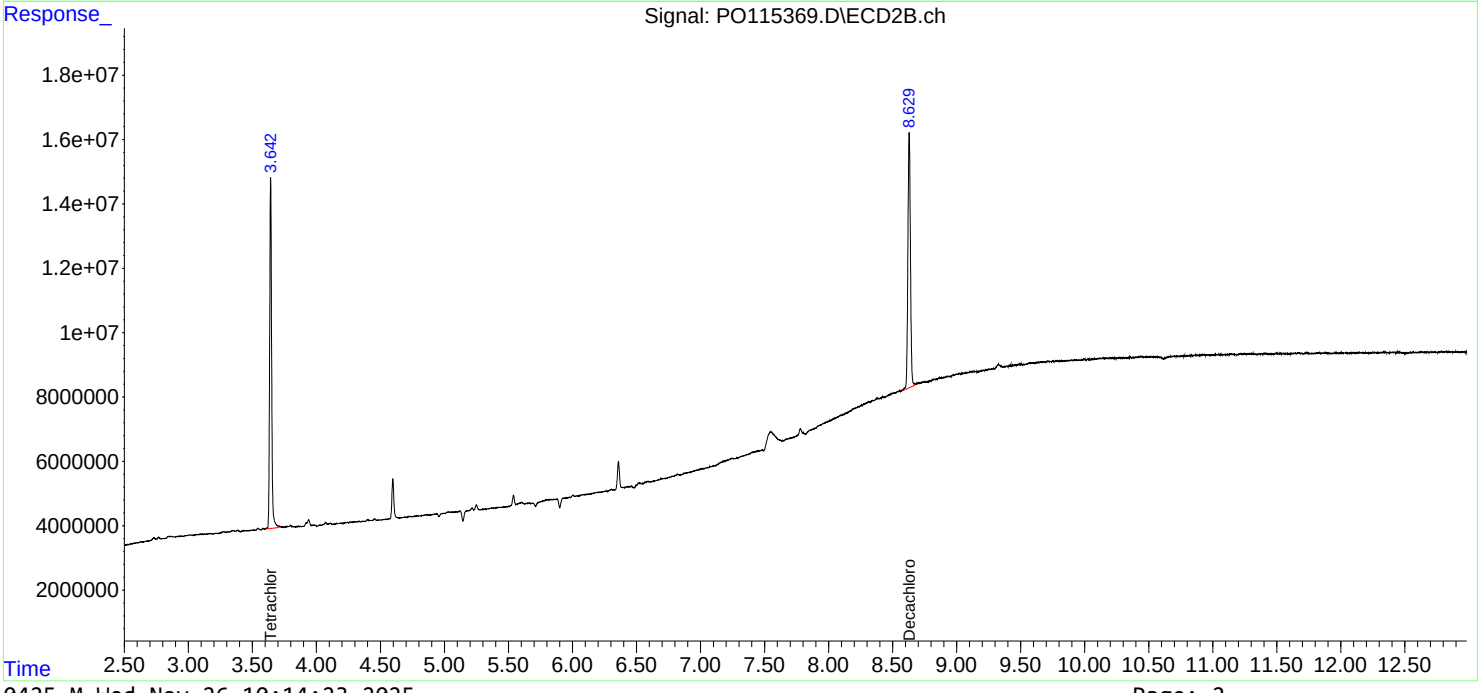
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 08:56
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

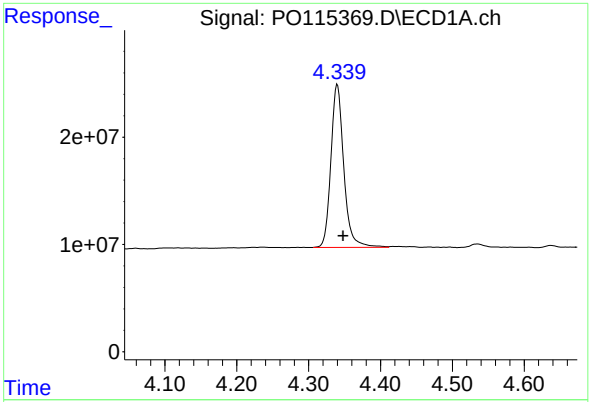
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:27:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



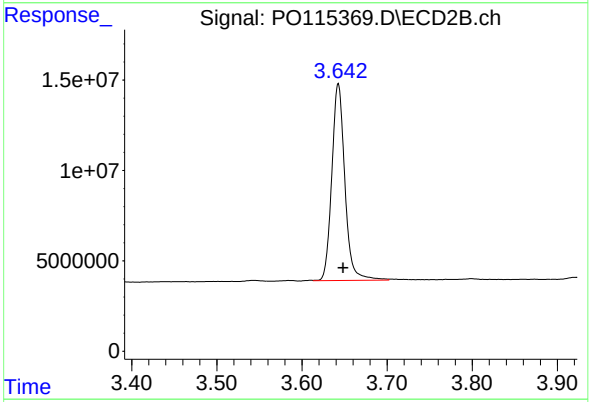




#1 Tetrachloro-m-xylene

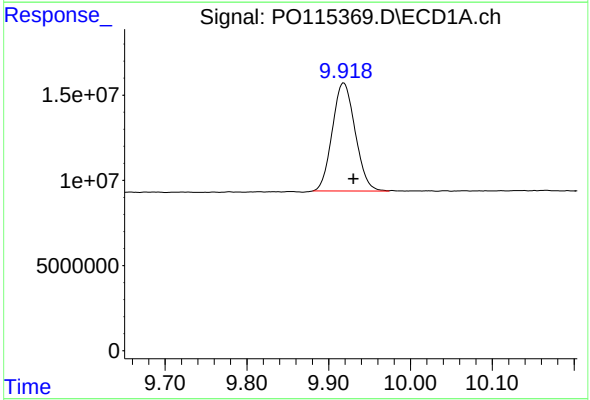
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 189251405
Conc: 26.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



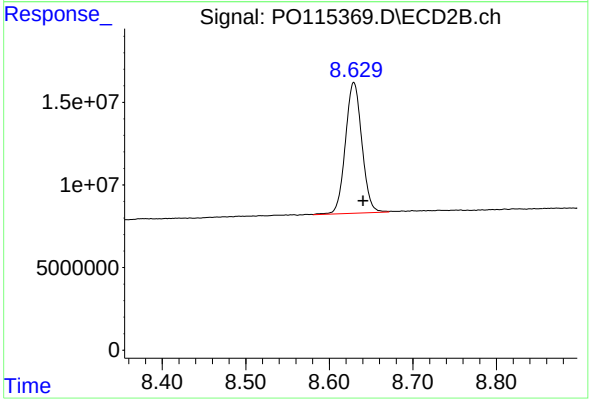
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.006 min
Response: 116130147
Conc: 26.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 123327150
Conc: 27.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.011 min
Response: 108332276
Conc: 27.75 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/25/25
Project:	R37108	Date Received:	11/25/25
Client Sample ID:	PIBLK-PO115392.D	SDG No.:	Q3694
Lab Sample ID:	I.BLK-PO115392.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/25/25	PO112525
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/25/25	PO112525
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/25/25	PO112525
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/25/25	PO112525
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/25/25	PO112525
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/25/25	PO112525
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/25/25	PO112525
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/25/25	PO112525
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/25/25	PO112525
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.7			60 - 140	129%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.1			60 - 140	135%	SPK: 20		

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\PO112525\
Data File : PO115392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 10:36
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 03:52:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.337	3.641	185.6E6	114.8E6	26.368	25.702
2)	SA Decachlor...	9.912	8.625	122.8E6	105.7E6	27.789m	27.075
	Target Compounds						

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

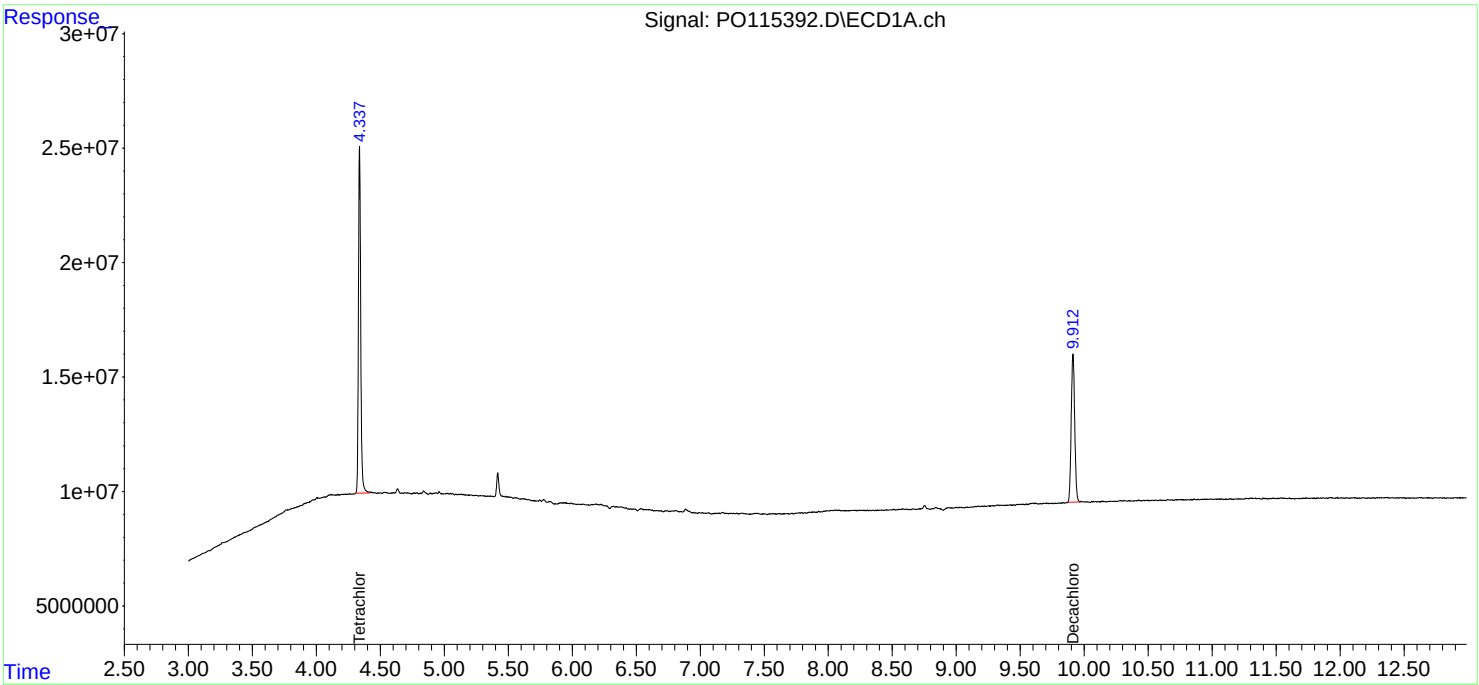
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 10:36
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

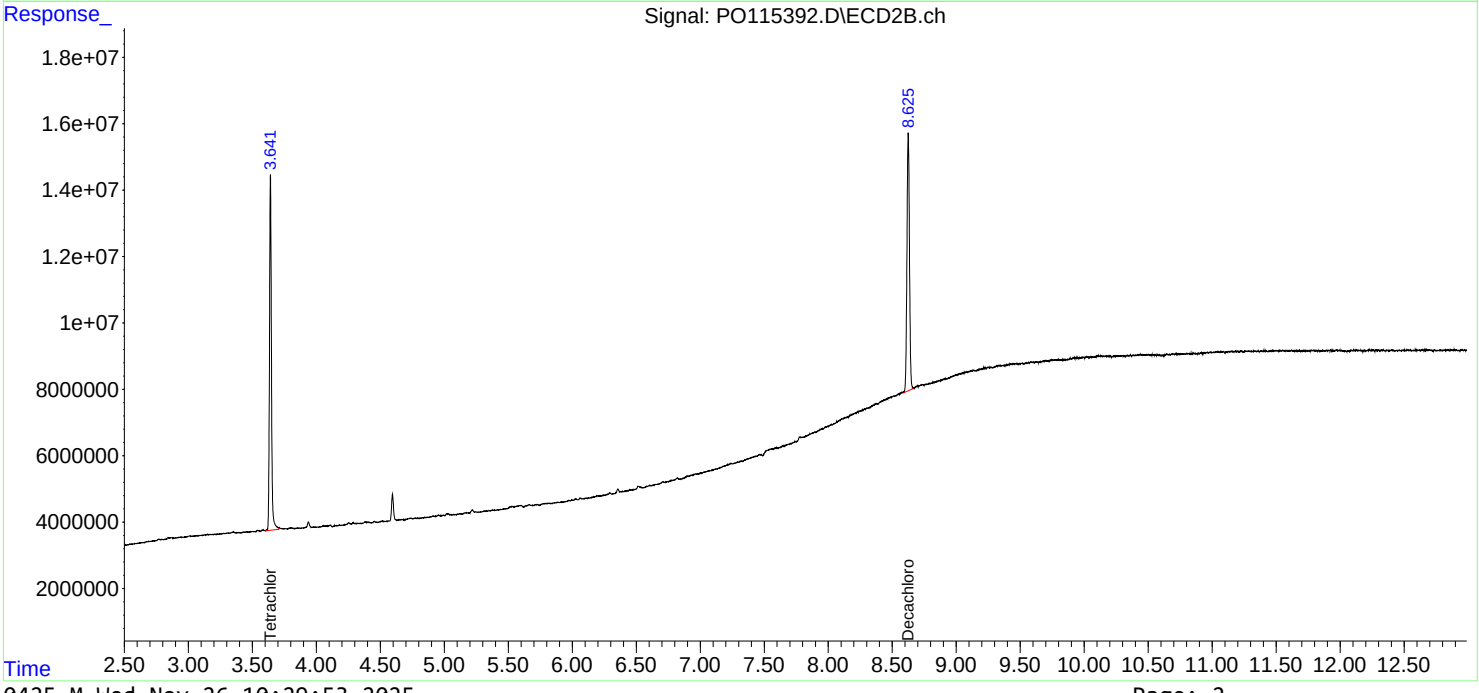
Instrument :
ECD_O
ClientSampleId :
I.BLK

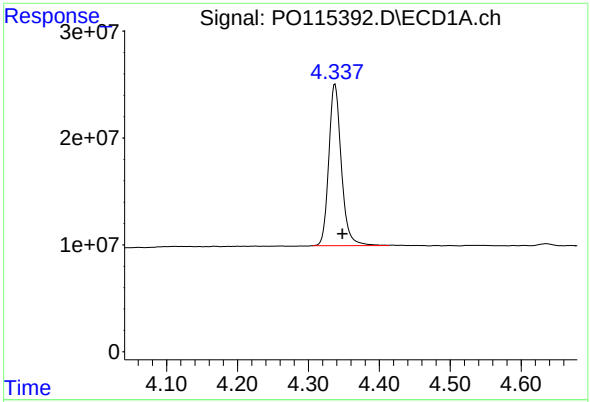
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 03:52:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







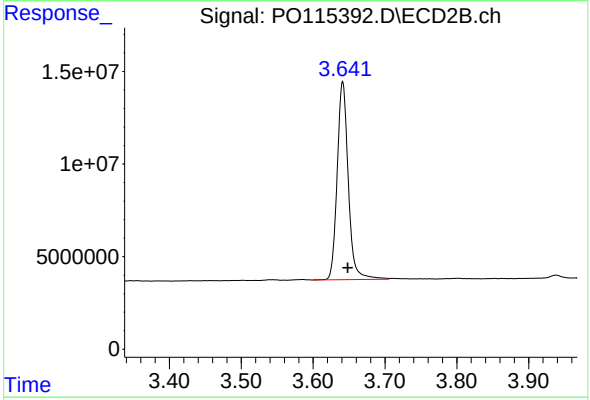
#1 Tetrachloro-m-xylene

R.T.: 4.337 min
Delta R.T.: -0.011 min
Response: 185584191
Conc: 26.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

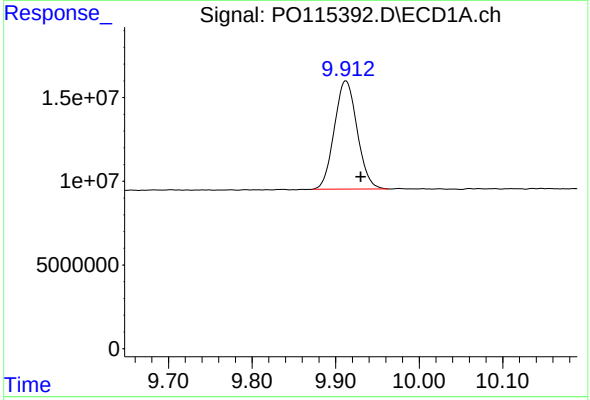
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



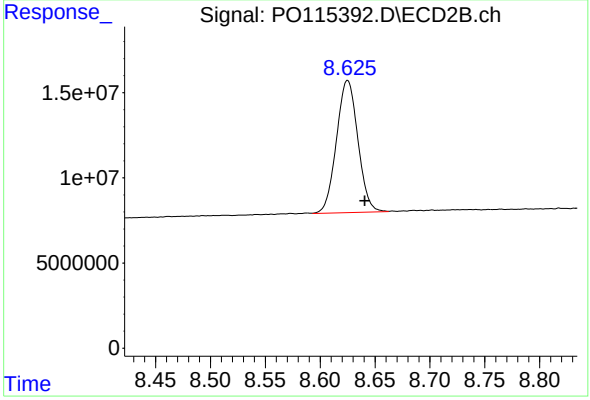
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: -0.007 min
Response: 114803238
Conc: 25.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.912 min
Delta R.T.: -0.018 min
Response: 122836462
Conc: 27.79 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.625 min
Delta R.T.: -0.016 min
Response: 105696343
Conc: 27.08 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/25/25
Project:	R37108	Date Received:	11/25/25
Client Sample ID:	PIBLK-PO115407.D	SDG No.:	Q3694
Lab Sample ID:	I.BLK-PO115407.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/25/25	PO112525
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/25/25	PO112525
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/25/25	PO112525
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/25/25	PO112525
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/25/25	PO112525
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/25/25	PO112525
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/25/25	PO112525
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/25/25	PO112525
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/25/25	PO112525
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.4			60 - 140	127%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.3			60 - 140	137%	SPK: 20		

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\PO112525\
Data File : PO115407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 15:33
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 03:58:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.338	3.642	182.9E6	113.5E6	25.986	25.417
2)	SA Decachlor...	9.914	8.625	121.3E6	106.6E6	27.435m	27.299
	Target Compounds						

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

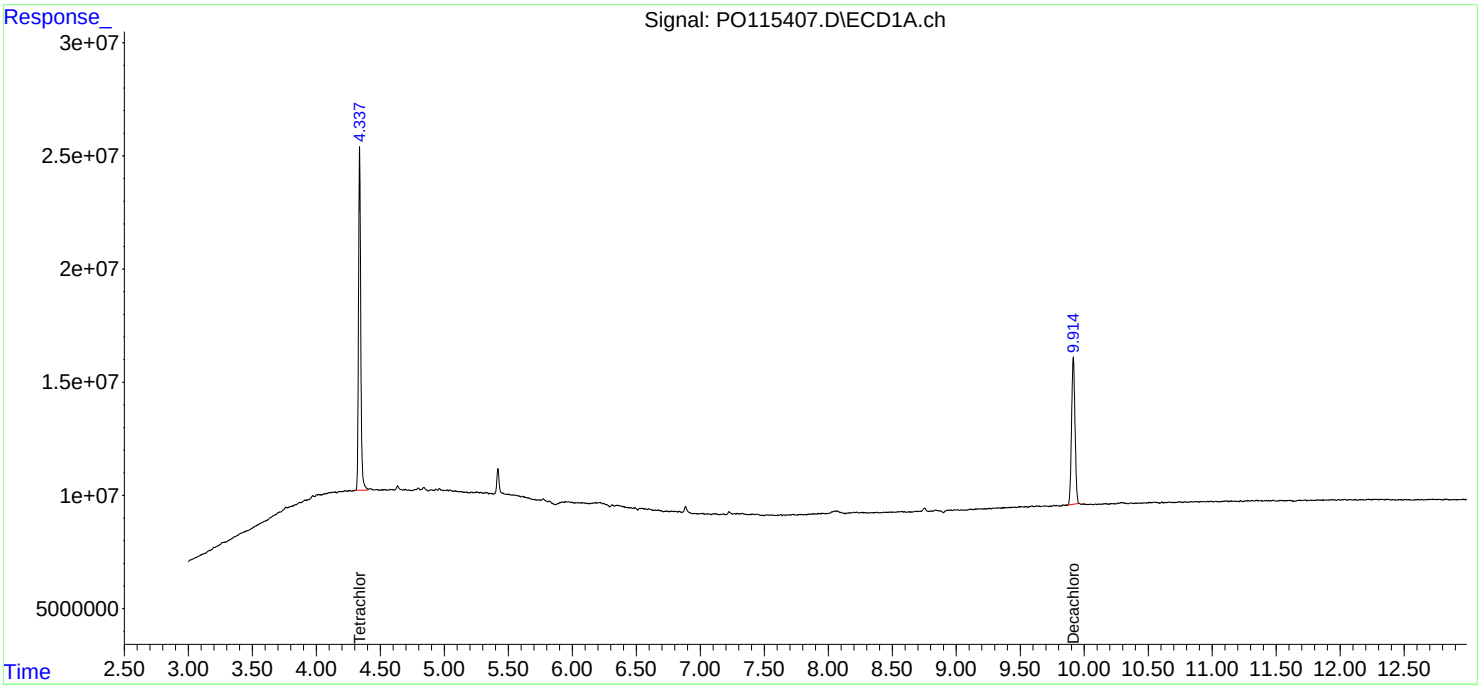
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 15:33
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

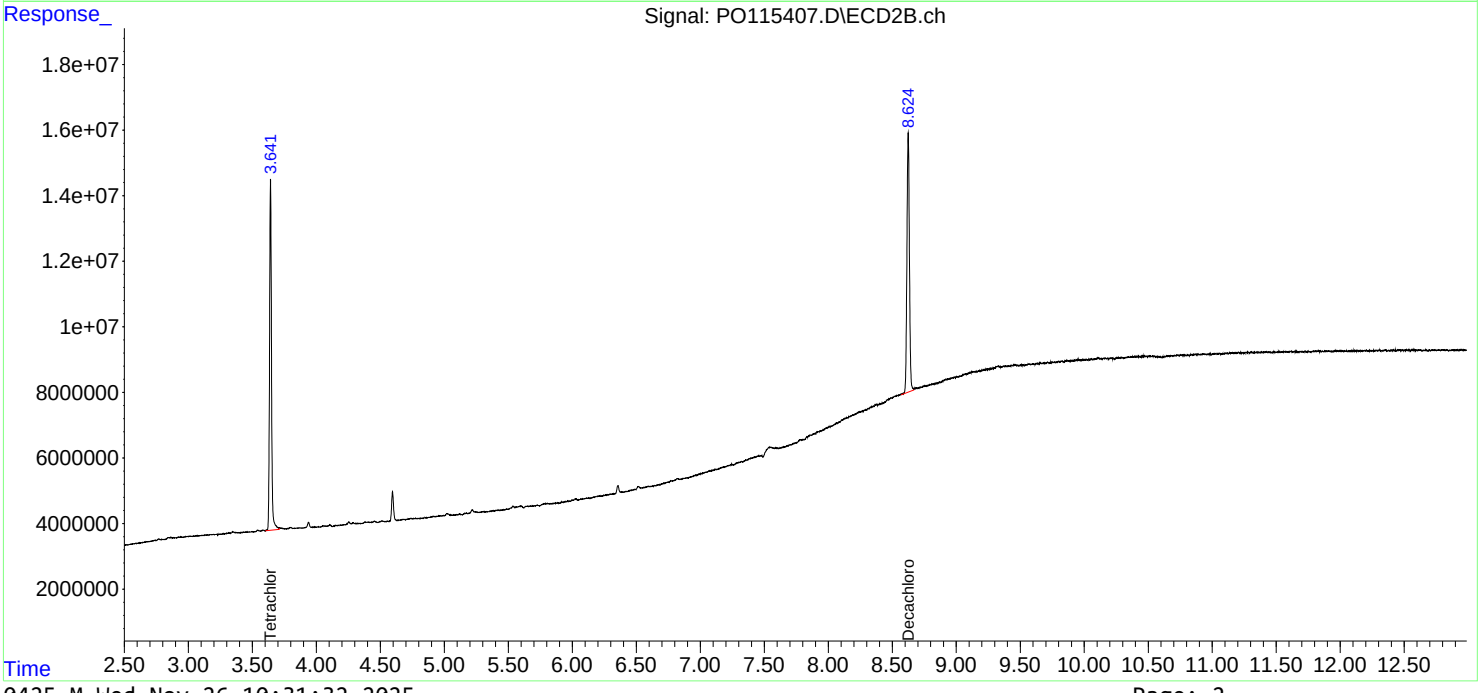
Instrument :
ECD_O
ClientSampleId :
I.BLK

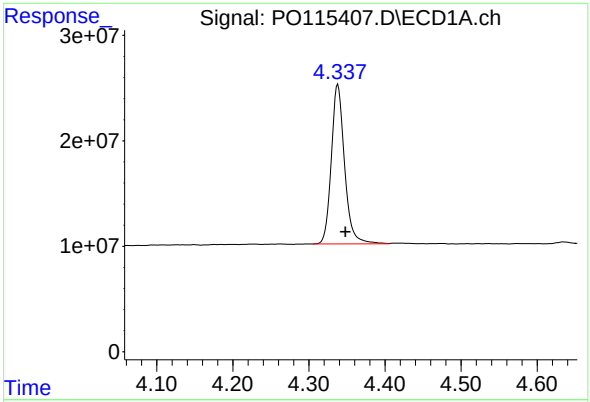
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 03:58:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







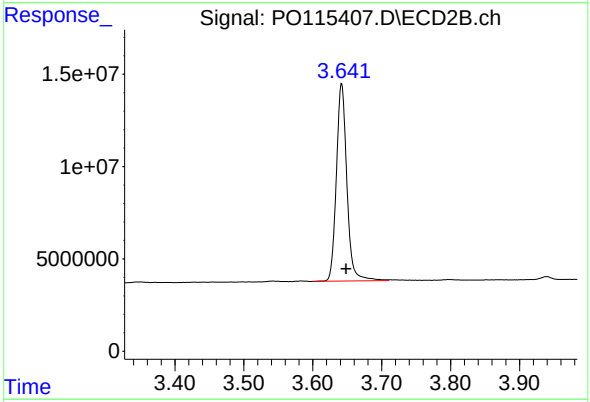
#1 Tetrachloro-m-xylene

R.T.: 4.338 min
Delta R.T.: -0.010 min
Response: 182889550
Conc: 25.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

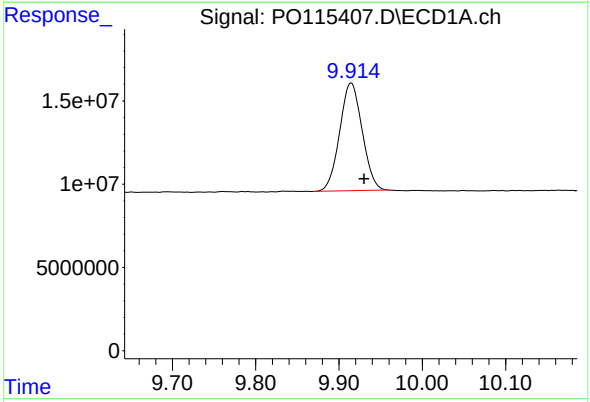
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



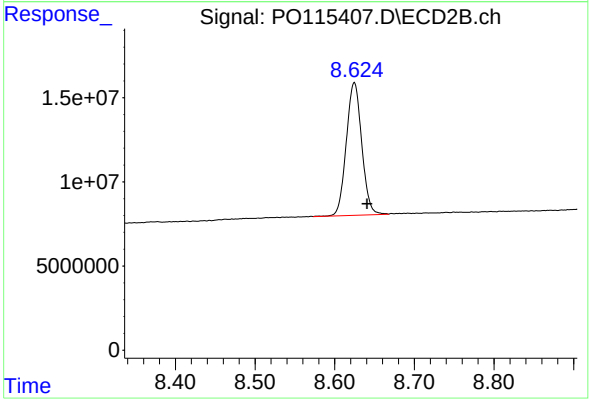
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.006 min
Response: 113530080
Conc: 25.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.914 min
Delta R.T.: -0.016 min
Response: 121271287
Conc: 27.44 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.625 min
Delta R.T.: -0.016 min
Response: 106568691
Conc: 27.30 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/25/25
Project:	R37108	Date Received:	11/25/25
Client Sample ID:	PIBLK-PO115422.D	SDG No.:	Q3694
Lab Sample ID:	I.BLK-PO115422.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/25/25	PO112525
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/25/25	PO112525
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/25/25	PO112525
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/25/25	PO112525
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/25/25	PO112525
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/25/25	PO112525
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/25/25	PO112525
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/25/25	PO112525
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/25/25	PO112525
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.5			60 - 140	127%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.1			60 - 140	135%	SPK: 20		

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\PO112525\
Data File : PO115422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 20:45
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: Nov 26 05:03:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.339	3.642	185.3E6	113.8E6	26.321	25.474
2)	SA Decachlor...	9.917	8.627	121.4E6	105.7E6	27.468	27.085
	Target Compounds						

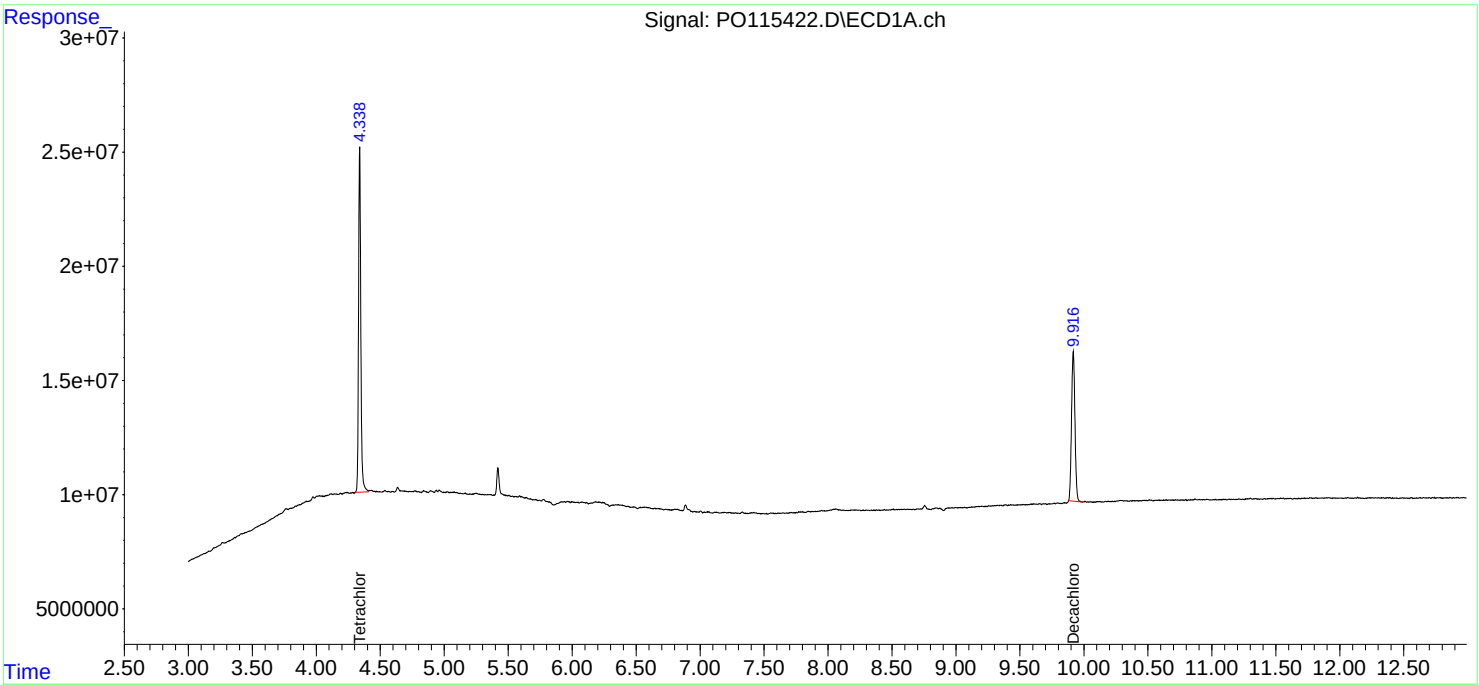
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

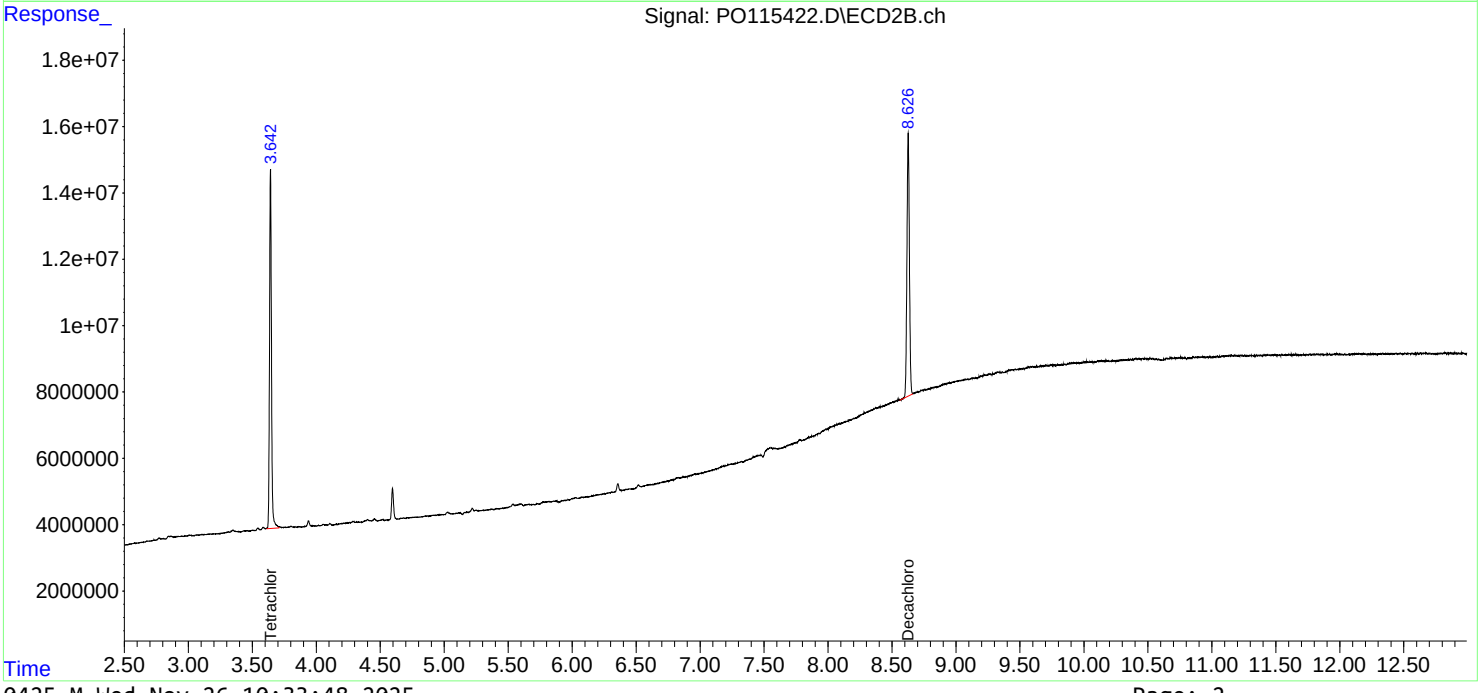
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 20:45
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

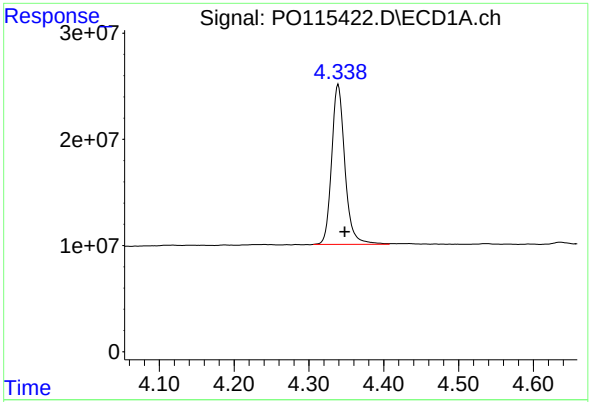
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:03:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



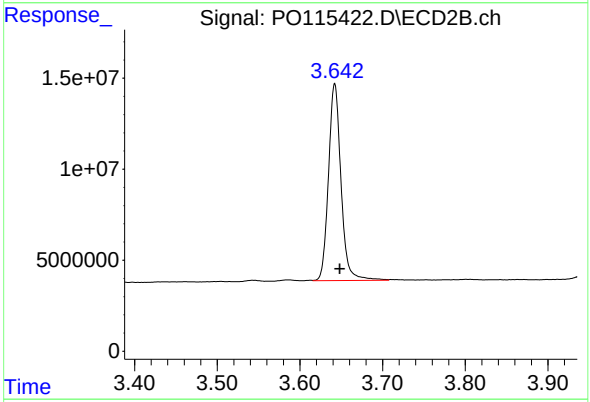




#1 Tetrachloro-m-xylene

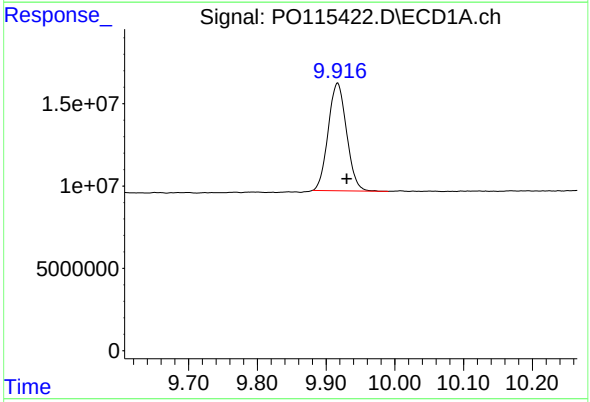
R.T.: 4.339 min
Delta R.T.: -0.009 min
Response: 185250303
Conc: 26.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



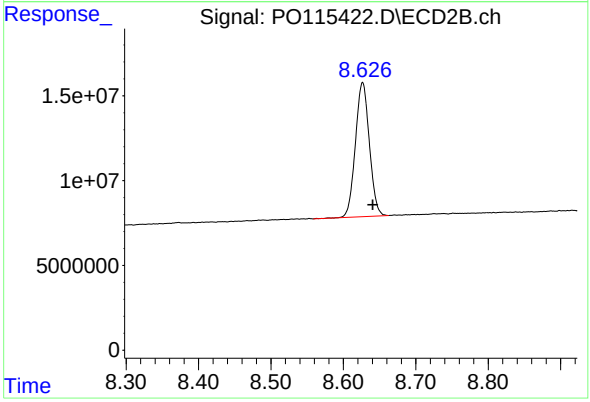
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.006 min
Response: 113786191
Conc: 25.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.013 min
Response: 121416363
Conc: 27.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: -0.014 min
Response: 105736278
Conc: 27.09 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	12/01/25
Project:	R37108	Date Received:	12/01/25
Client Sample ID:	PIBLK-PO115469.D	SDG No.:	Q3694
Lab Sample ID:	I.BLK-PO115469.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	12/01/25	PO120125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	12/01/25	PO120125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	12/01/25	PO120125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	12/01/25	PO120125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	12/01/25	PO120125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	12/01/25	PO120125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	12/01/25	PO120125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	12/01/25	PO120125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	12/01/25	PO120125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.4			60 - 140	127%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.2			60 - 140	126%	SPK: 20		

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\PO120125\
Data File : PO115469.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 11:59
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:16:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.337	3.641	184.6E6	113.6E6	26.228	25.434
2)	SA Decachlor...	9.911	8.624	117.6E6	98337744	26.594m	25.190
	Target Compounds						

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

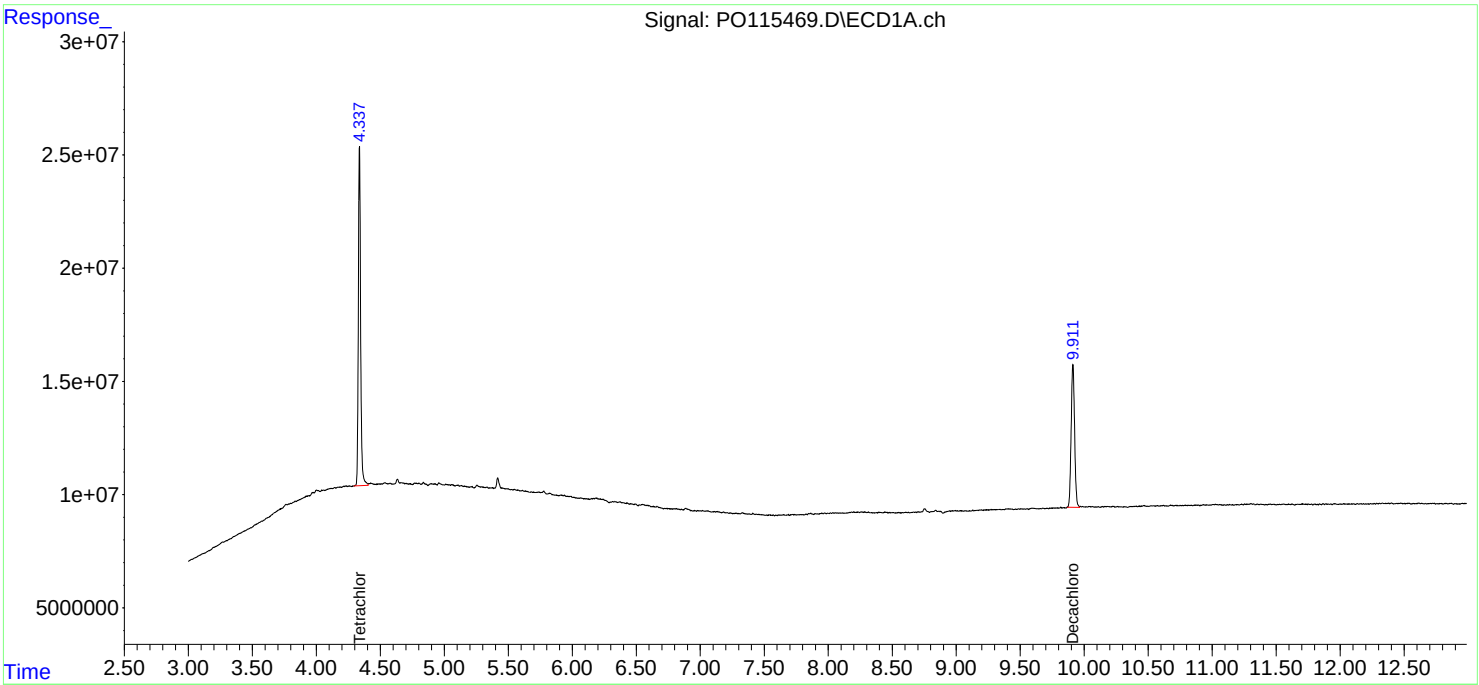
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115469.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 11:59
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

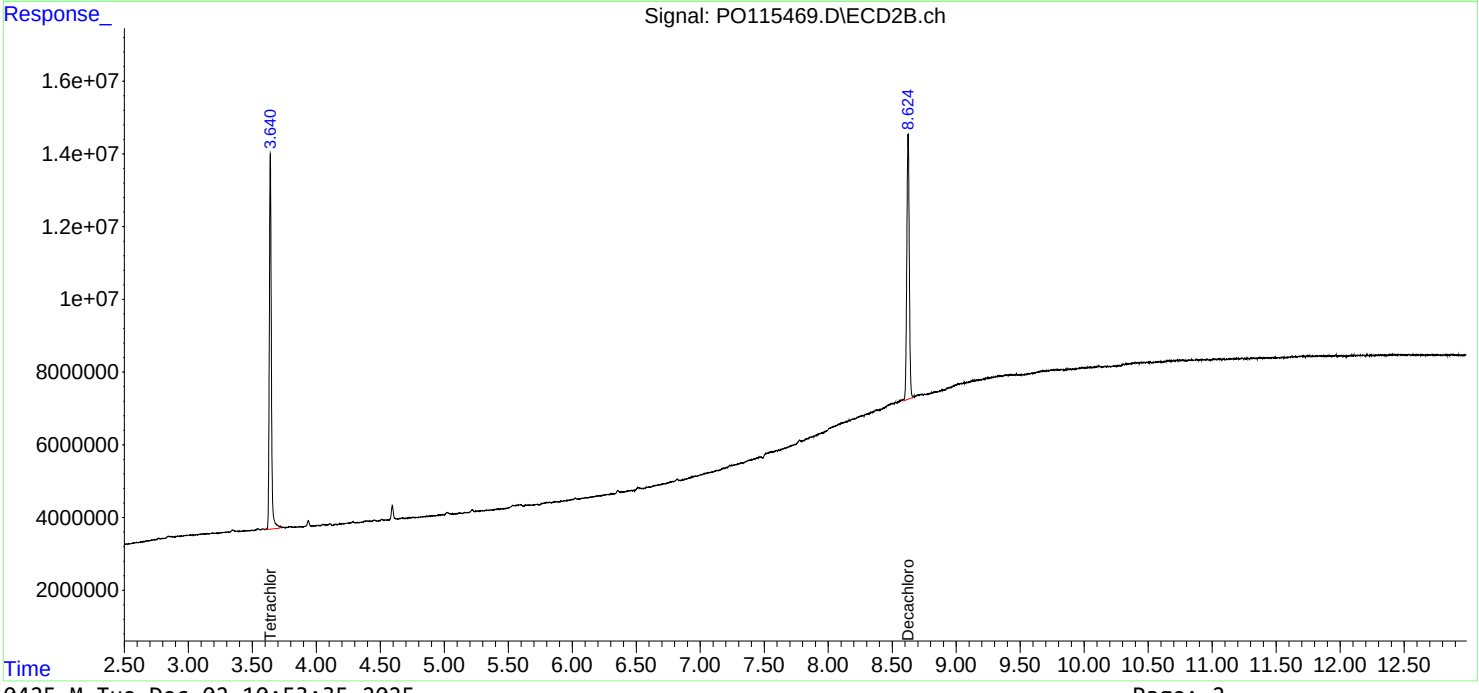
Instrument :
ECD_O
ClientSampleId :
I.BLK

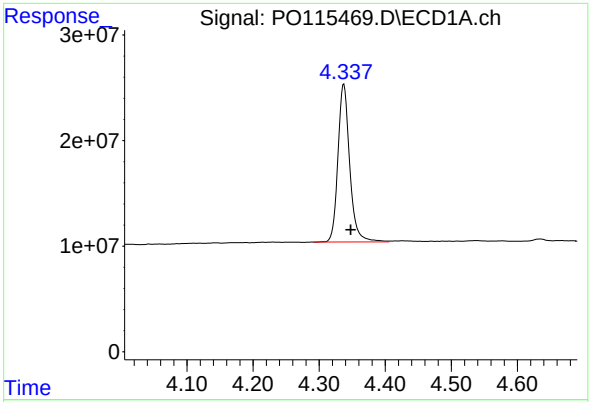
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:16:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







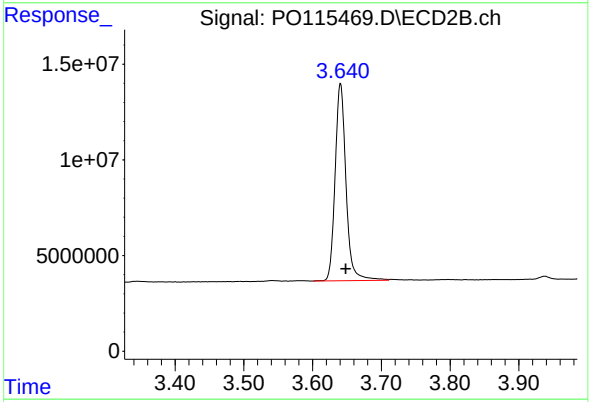
#1 Tetrachloro-m-xylene

R.T.: 4.337 min
Delta R.T.: -0.011 min
Response: 184596951
Conc: 26.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

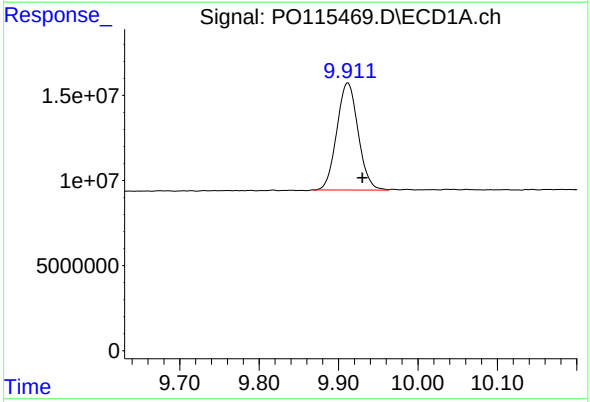
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



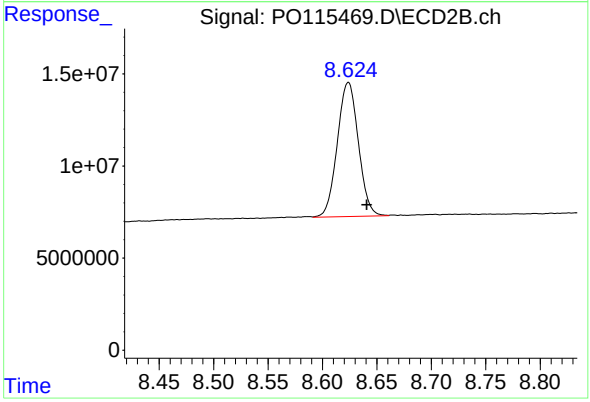
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: -0.008 min
Response: 113608238
Conc: 25.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.911 min
Delta R.T.: -0.019 min
Response: 117551791
Conc: 26.59 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.624 min
Delta R.T.: -0.017 min
Response: 98337744
Conc: 25.19 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	12/01/25
Project:	R37108	Date Received:	12/01/25
Client Sample ID:	PIBLK-PO115483.D	SDG No.:	Q3694
Lab Sample ID:	I.BLK-PO115483.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	12/01/25	PO120125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	12/01/25	PO120125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	12/01/25	PO120125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	12/01/25	PO120125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	12/01/25	PO120125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	12/01/25	PO120125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	12/01/25	PO120125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	12/01/25	PO120125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	12/01/25	PO120125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.1			60 - 140	126%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.1			60 - 140	126%	SPK: 20		

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\PO120125\
Data File : PO115483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 17:31
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:20:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.337	3.640	184.7E6	112.2E6	26.236	25.114
2)	SA Decachlor...	9.911	8.623	118.4E6	98184210	26.789m	25.151
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 17:31
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

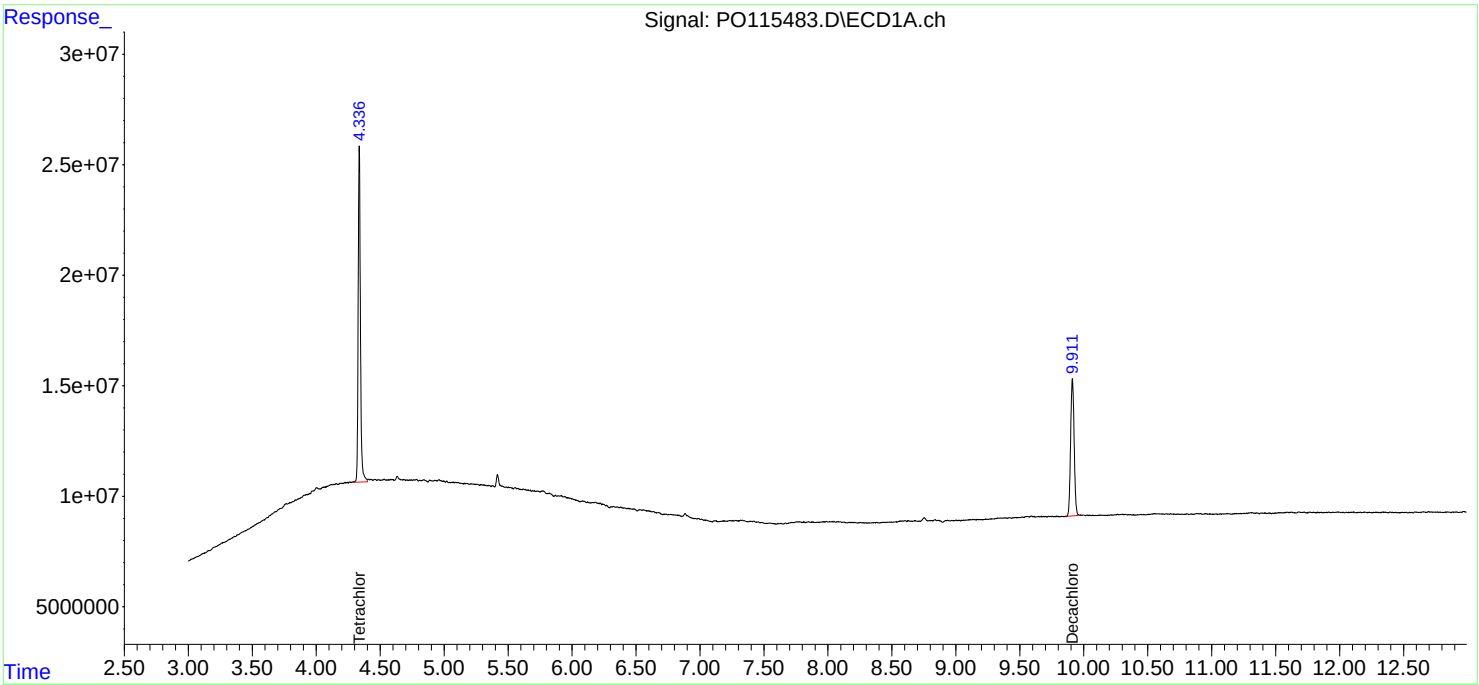
Instrument :
ECD_O
ClientSampleId :
I.BLK

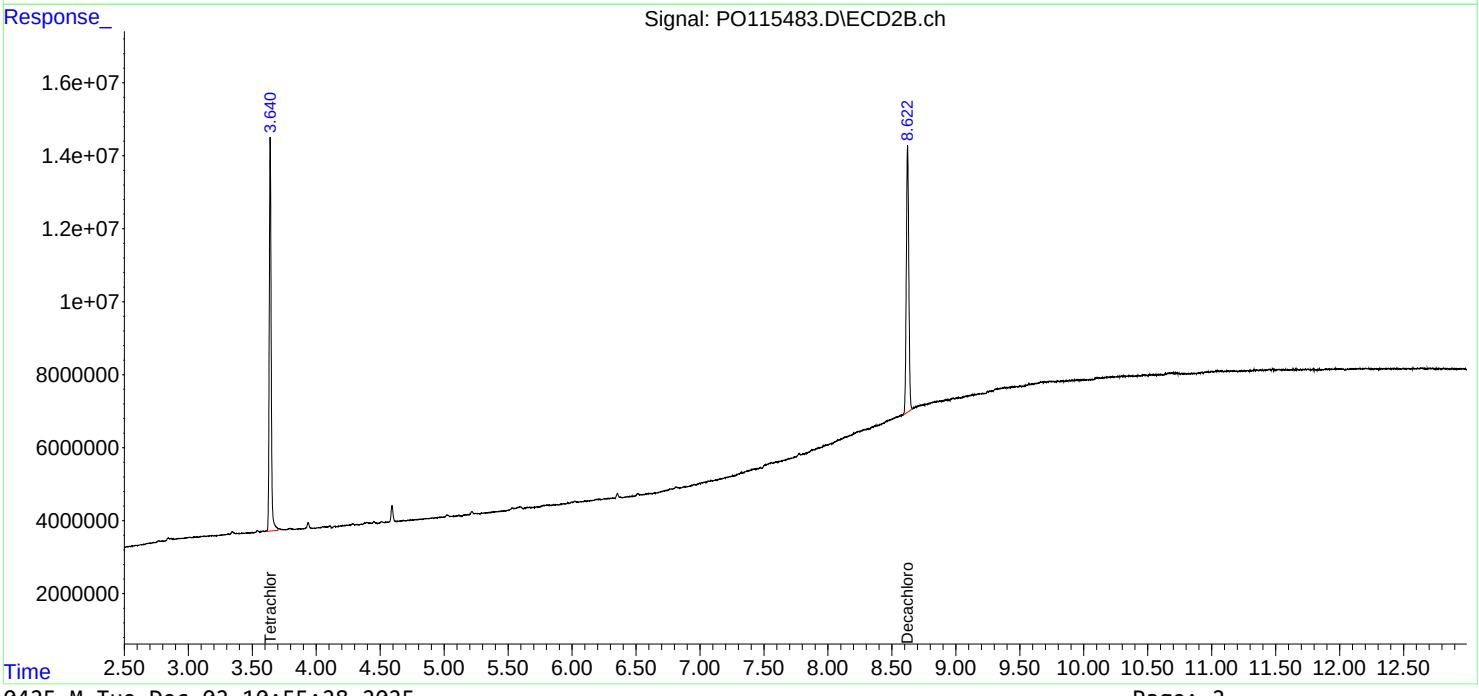
Manual Integrations APPROVED

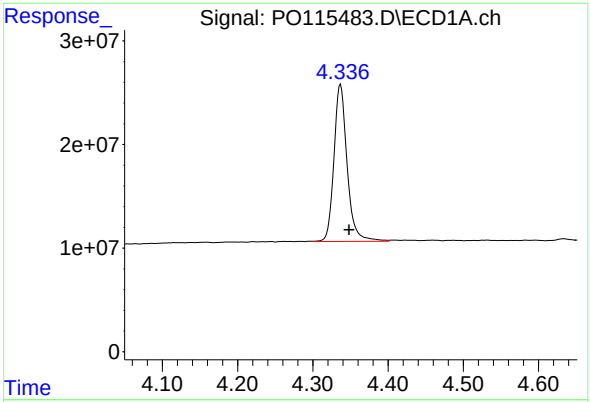
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:20:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







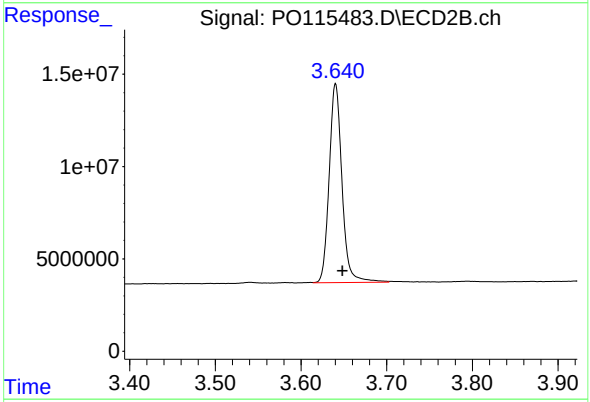
#1 Tetrachloro-m-xylene

R.T.: 4.337 min
Delta R.T.: -0.011 min
Response: 184654996
Conc: 26.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

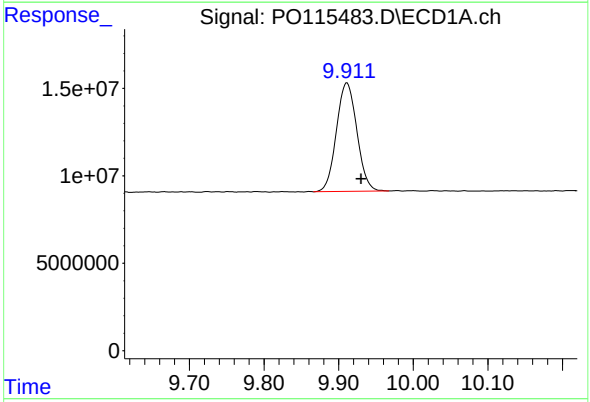
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



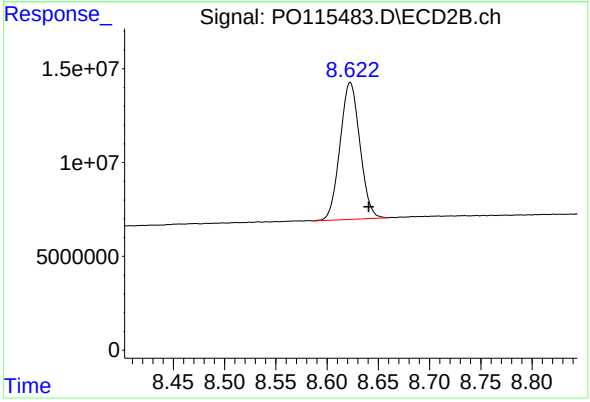
#1 Tetrachloro-m-xylene

R.T.: 3.640 min
Delta R.T.: -0.008 min
Response: 112179648
Conc: 25.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.911 min
Delta R.T.: -0.020 min
Response: 118413060
Conc: 26.79 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.623 min
Delta R.T.: -0.018 min
Response: 98184210
Conc: 25.15 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R37108	Date Received:	
Client Sample ID:	PB170688BS	SDG No.:	Q3694
Lab Sample ID:	PB170688BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	149		1	3.90	17.0	ug/kg	11/21/25 16:41	PB170688
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	11/21/25 16:41	PB170688
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	11/21/25 16:41	PB170688
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	11/21/25 16:41	PB170688
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	11/21/25 16:41	PB170688
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	11/21/25 16:41	PB170688
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	11/21/25 16:41	PB170688
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	11/21/25 16:41	PB170688
11096-82-5	Aroclor-1260	135		1	3.20	17.0	ug/kg	11/21/25 16:41	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.1			21 - 165	121%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.7			10 - 170	128%	SPK: 20		

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\PO112125\
Data File : PO115331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:41
Operator : YP/AJ
Sample : PB170688BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170688BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:44:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.341	3.644	169.6E6	102.0E6	24.097	22.833
2)	SA Decachlor...	9.918	8.630	112.1E6	100.2E6	25.361	25.671
	Target Compounds						
3)	L1 AR-1016-1	5.479	4.720	109.9E6	79432012	446.739	417.502m
4)	L1 AR-1016-2	5.501	4.739	176.7E6	113.6E6	444.950	419.377m
5)	L1 AR-1016-3	5.562	4.913	103.1E6	61804094	462.205	417.671
6)	L1 AR-1016-4	5.658	4.956	86055611	48184019	455.622	410.364
7)	L1 AR-1016-5	5.950	5.167	75847991	62608159	425.641	409.971
31)	L7 AR-1260-1	7.063	6.197	130.3E6	119.3E6	426.185	402.864
32)	L7 AR-1260-2	7.316	6.385	176.7E6	163.0E6	446.462	379.123
33)	L7 AR-1260-3	7.674	6.537	126.1E6	138.8E6	379.984	395.143
34)	L7 AR-1260-4	7.896	7.008	120.4E6	104.5E6	394.738	344.913
35)	L7 AR-1260-5	8.202	7.249	271.8E6	287.1E6	381.097	349.488

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:41
Operator : YP/AJ
Sample : PB170688BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

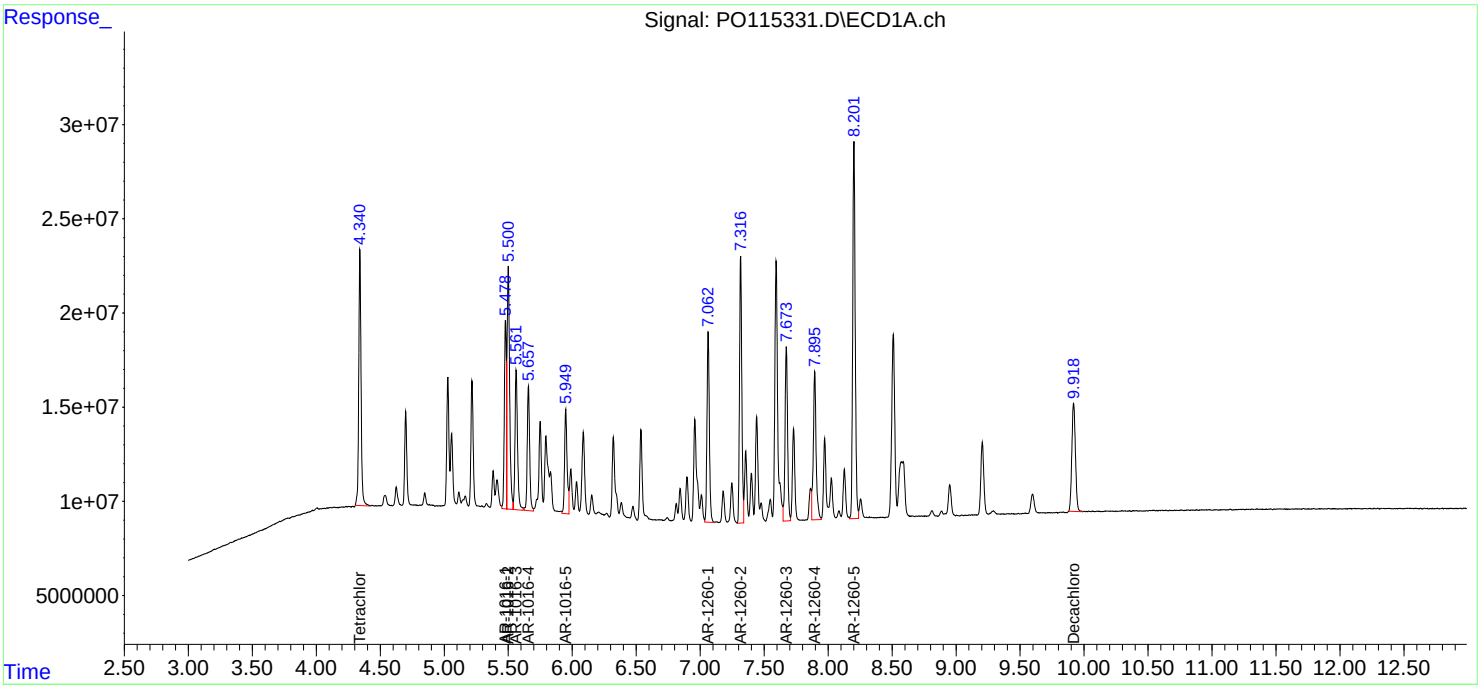
Instrument :
ECD_O
ClientSampleId :
PB170688BS

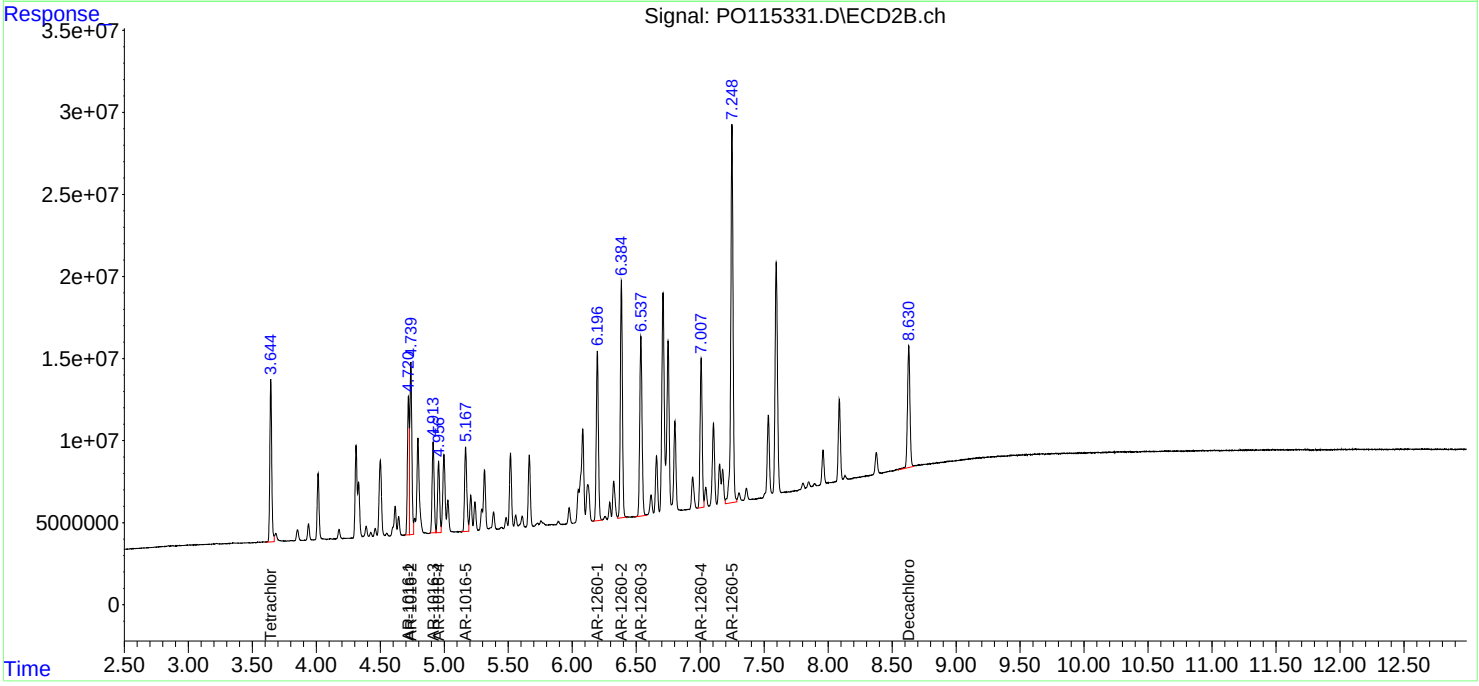
Manual Integrations APPROVED

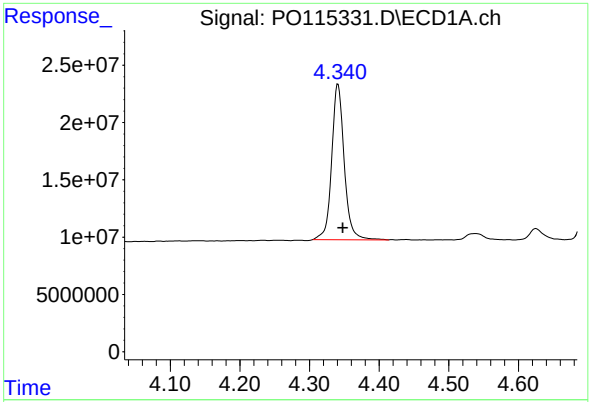
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:44:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







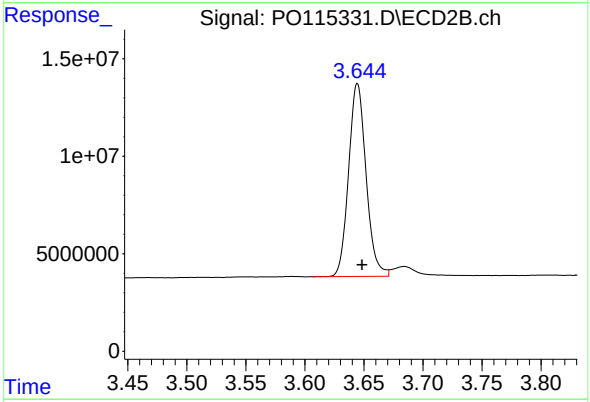
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 169594745
Conc: 24.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170688BS

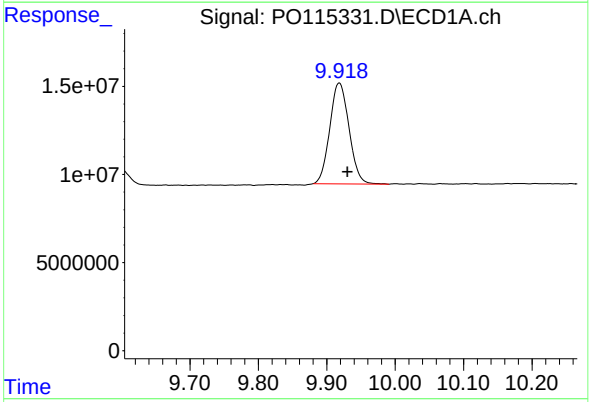
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



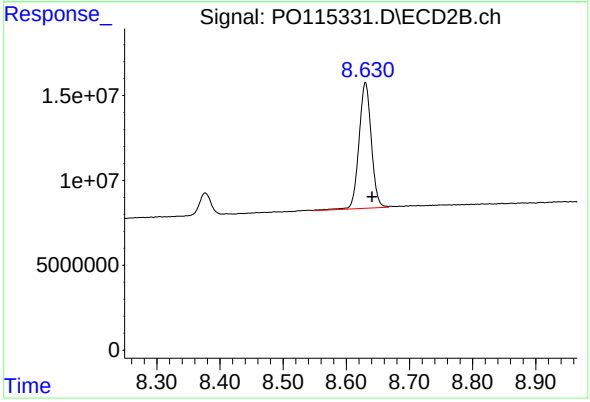
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 101988943
Conc: 22.83 ng/ml



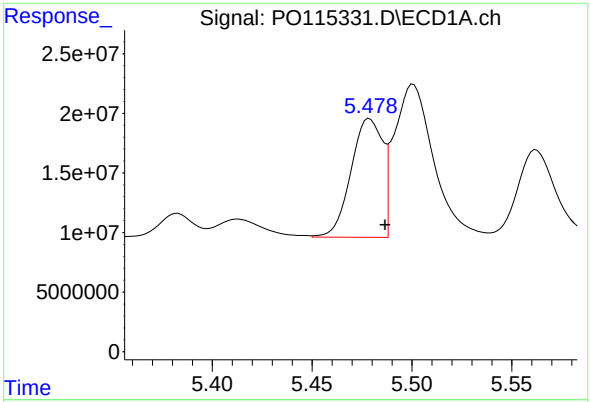
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 112101482
Conc: 25.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 100216141
Conc: 25.67 ng/ml



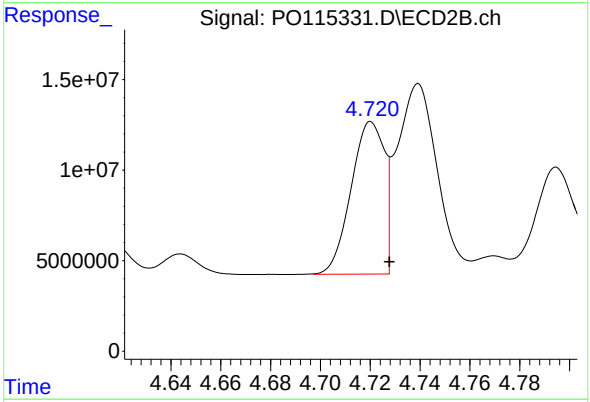
#3 AR-1016-1

R.T.: 5.479 min
Delta R.T.: -0.008 min
Response: 109906643
Conc: 446.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170688BS

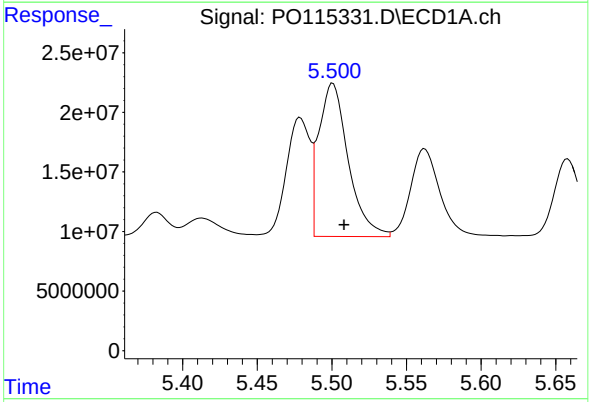
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



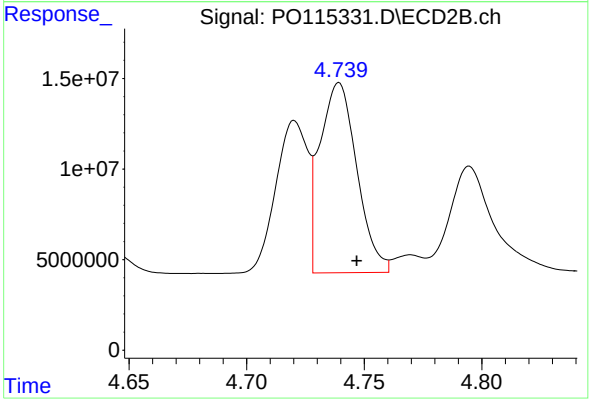
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 79432012
Conc: 417.50 ng/ml m



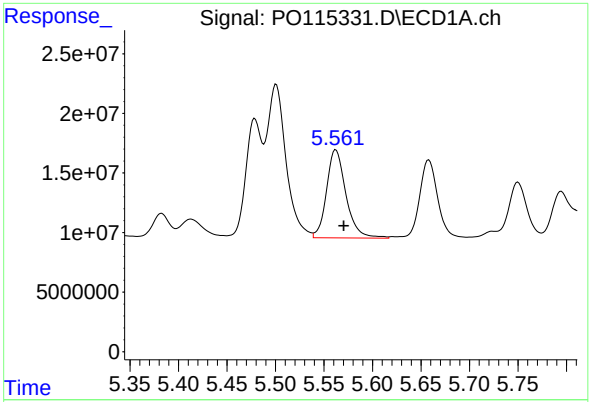
#4 AR-1016-2

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 176676713
Conc: 444.95 ng/ml



#4 AR-1016-2

R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 113594367
Conc: 419.38 ng/ml m



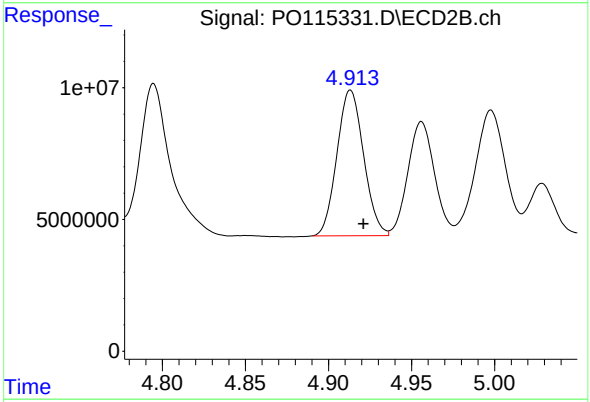
#5 AR-1016-3

R.T.: 5.562 min
Delta R.T.: -0.008 min
Response: 103072062
Conc: 462.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170688BS

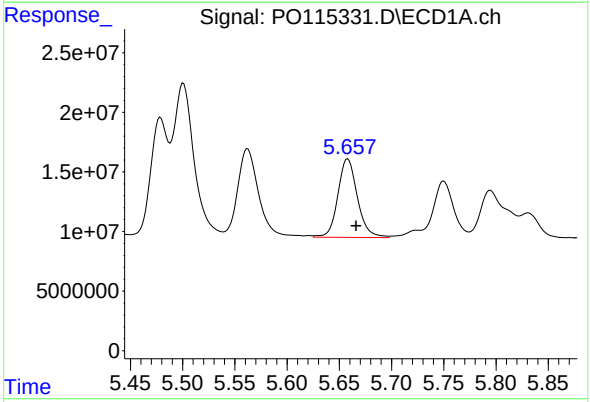
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



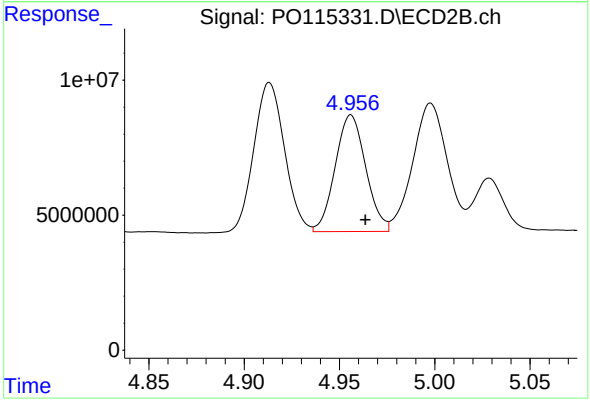
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 61804094
Conc: 417.67 ng/ml



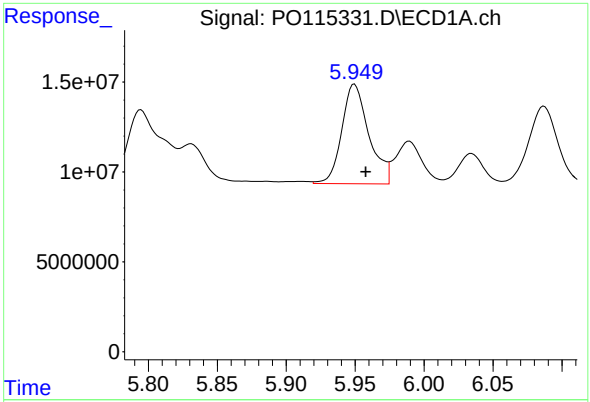
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 86055611
Conc: 455.62 ng/ml



#6 AR-1016-4

R.T.: 4.956 min
Delta R.T.: -0.008 min
Response: 48184019
Conc: 410.36 ng/ml



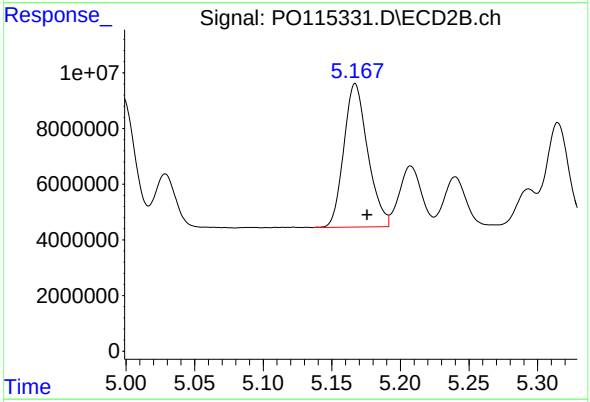
#7 AR-1016-5

R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 75847991
Conc: 425.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170688BS

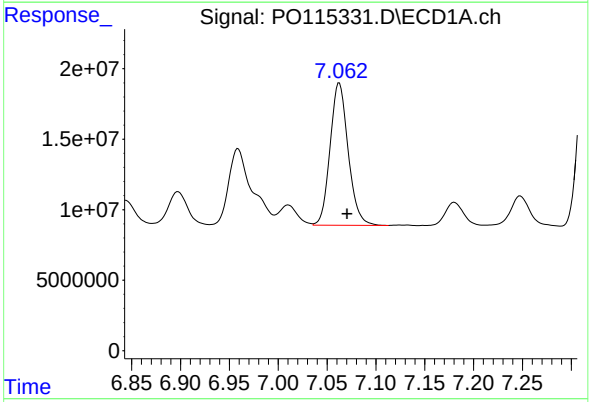
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



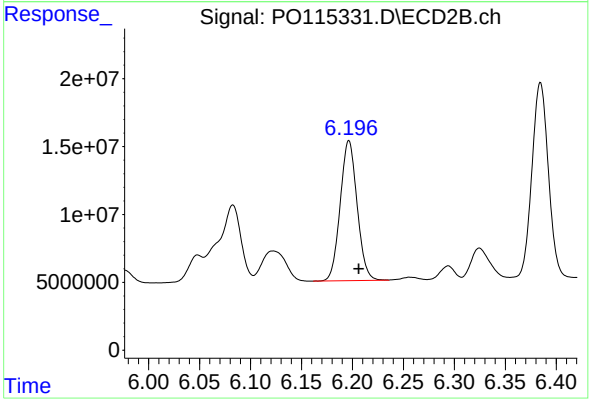
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.009 min
Response: 62608159
Conc: 409.97 ng/ml



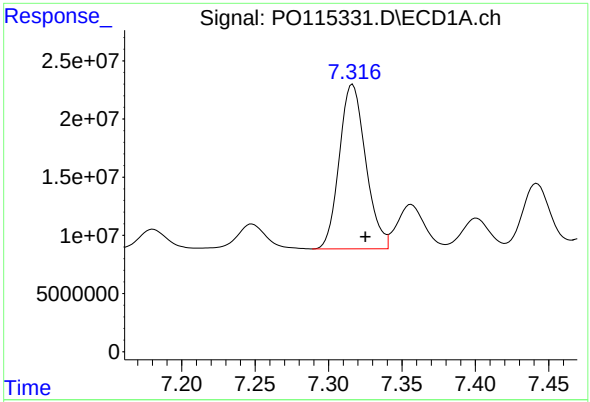
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 130256430
Conc: 426.19 ng/ml



#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 119291185
Conc: 402.86 ng/ml



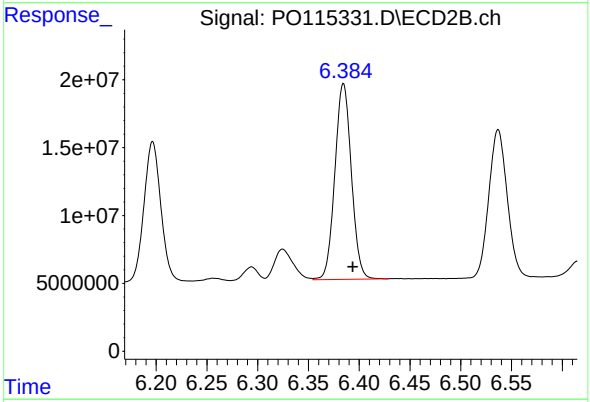
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 176744106
Conc: 446.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170688BS

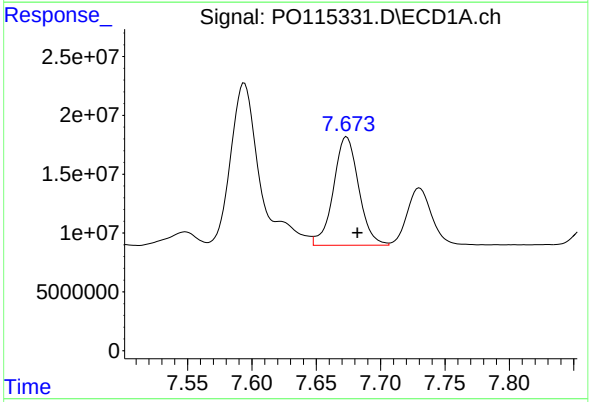
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



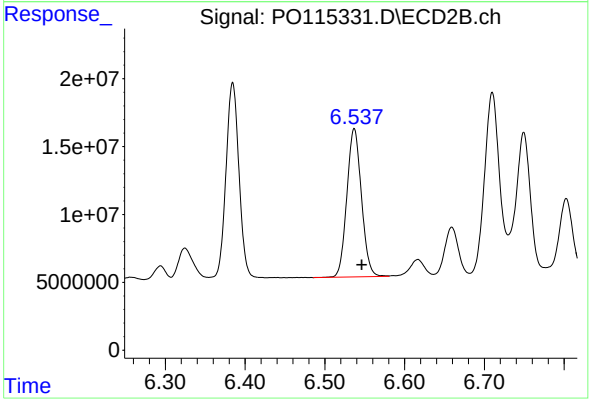
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 163034909
Conc: 379.12 ng/ml



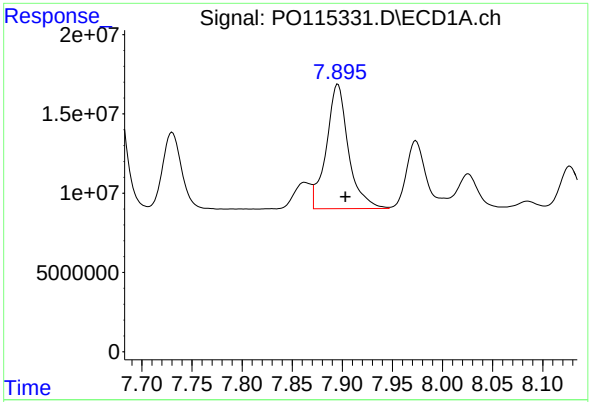
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 126085415
Conc: 379.98 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 138754878
Conc: 395.14 ng/ml



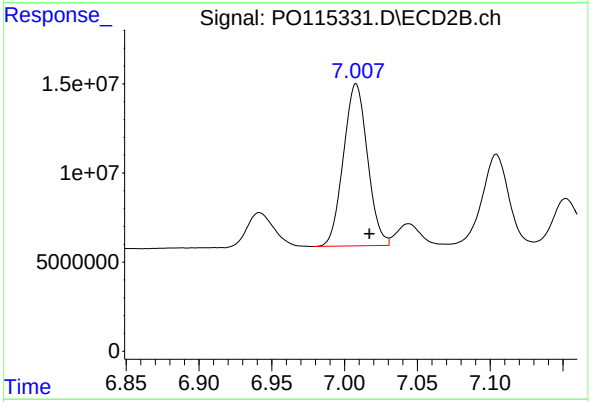
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 120403016
Conc: 394.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170688BS

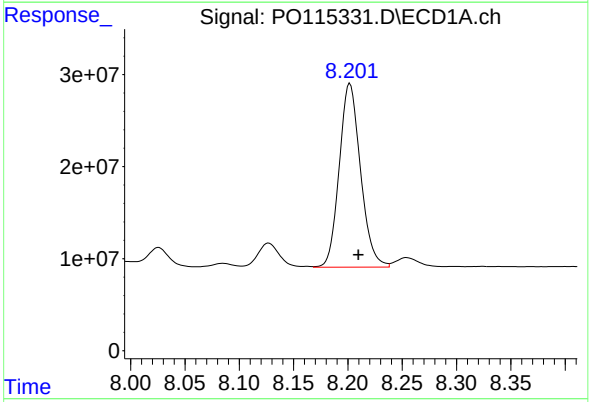
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



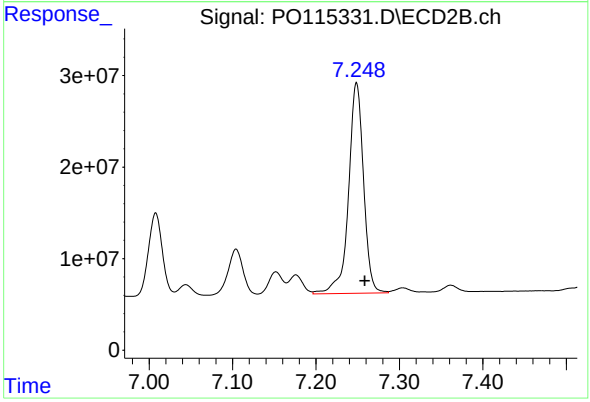
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 104518520
Conc: 344.91 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.008 min
Response: 271805456
Conc: 381.10 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 287149458
Conc: 349.49 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AD8MS	SDG No.:	Q3694
Lab Sample ID:	Q3694-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.9
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	233		1	4.90	21.0	ug/kg	12/01/25 12:19	PB170688
11104-28-2	Aroclor-1221	21.0	U	1	5.00	21.0	ug/kg	12/01/25 12:19	PB170688
11141-16-5	Aroclor-1232	21.0	U	1	4.60	21.0	ug/kg	12/01/25 12:19	PB170688
53469-21-9	Aroclor-1242	21.0	U	1	4.90	21.0	ug/kg	12/01/25 12:19	PB170688
12672-29-6	Aroclor-1248	21.0	U	1	7.30	21.0	ug/kg	12/01/25 12:19	PB170688
11097-69-1	Aroclor-1254	21.0	U	1	4.00	21.0	ug/kg	12/01/25 12:19	PB170688
37324-23-5	Aroclor-1262	21.0	U	1	6.20	21.0	ug/kg	12/01/25 12:19	PB170688
11100-14-4	Aroclor-1268	21.0	U	1	4.40	21.0	ug/kg	12/01/25 12:19	PB170688
11096-82-5	Aroclor-1260	4100	E	1	4.00	21.0	ug/kg	12/01/25 12:19	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.9			21 - 165	139%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.8			10 - 170	129%	SPK: 20		

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\PO120125\
Data File : PO115470.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:19
Operator : YP/AJ
Sample : Q3694-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AD8MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:16:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.339	3.642	196.1E6	115.9E6	27.863	25.945
2)	SA Decachlor...	9.915	8.624	114.0E6	98307572	25.799	25.182
	Target Compounds						
3)	L1 AR-1016-1	5.479	4.717	125.8E6	92965303	511.414	488.634m
4)	L1 AR-1016-2	5.500	4.737	212.5E6	137.5E6	535.187	507.681
5)	L1 AR-1016-3	5.561	4.910	112.4E6	71002672	503.819	479.835
6)	L1 AR-1016-4	5.657	4.953	102.9E6	96731958	544.954	823.827 #
7)	L1 AR-1016-5	5.948	5.165	100.7E6	82509949	565.062	540.292
31)	L7 AR-1260-1	7.062	6.194	2975.3E6	2368.8E6	9734.883	7999.960
32)	L7 AR-1260-2	7.316	6.381	4271.6E6	3265.6E6	10790.262	7593.930 #
33)	L7 AR-1260-3	7.672	6.533	3213.1E6	2839.2E6	9683.355	8085.336
34)	L7 AR-1260-4	7.894	7.004	2825.1E6	2345.7E6	9261.904	7740.820
35)	L7 AR-1260-5	8.201	7.245	7015.2E6	6778.4E6	9836.042	8249.922

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115470.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:19
Operator : YP/AJ
Sample : Q3694-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

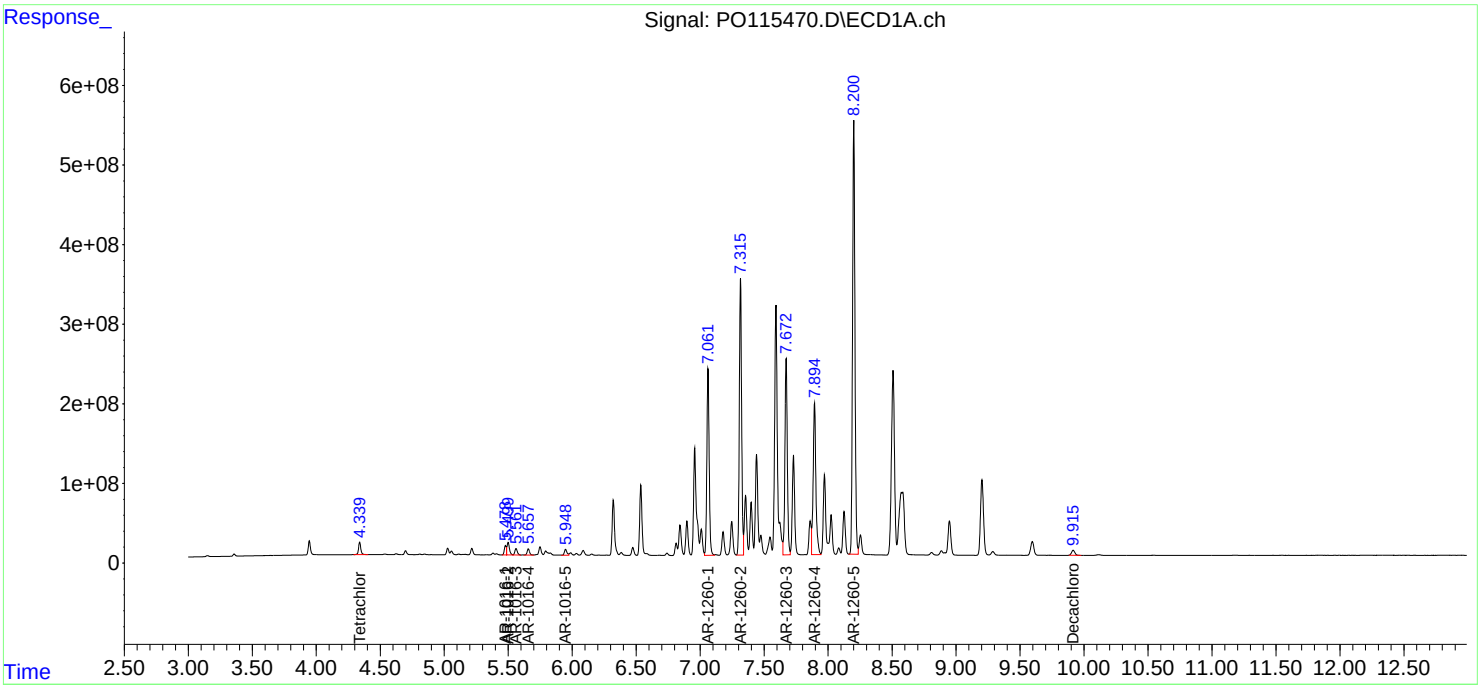
Instrument :
ECD_O
ClientSampleId :
C0AD8MS

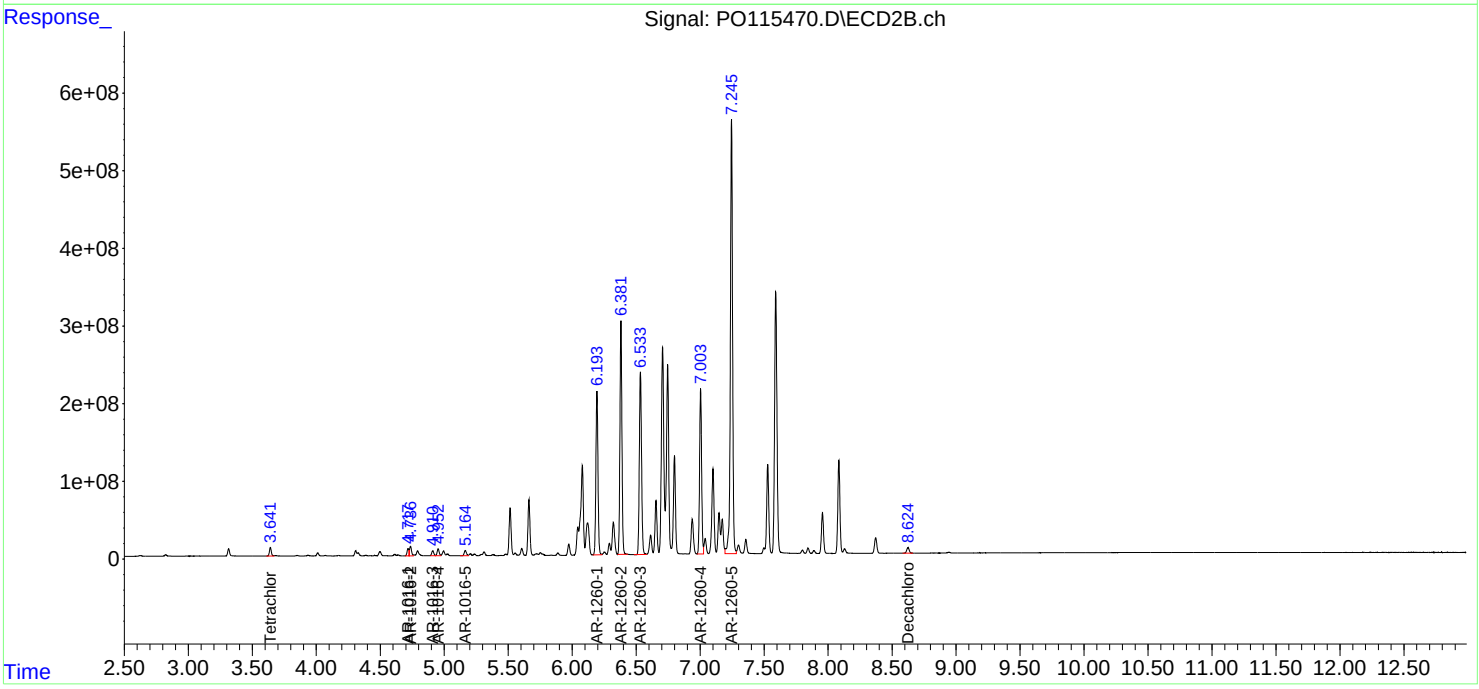
Manual Integrations APPROVED

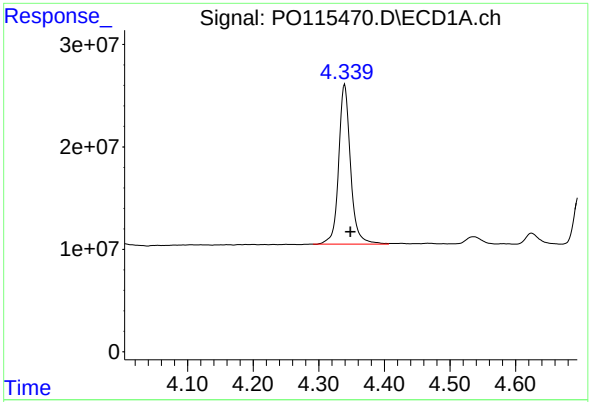
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:16:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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.: 4.339 min
Delta R.T.: -0.009 min
Response: 196102136
Conc: 27.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8MS

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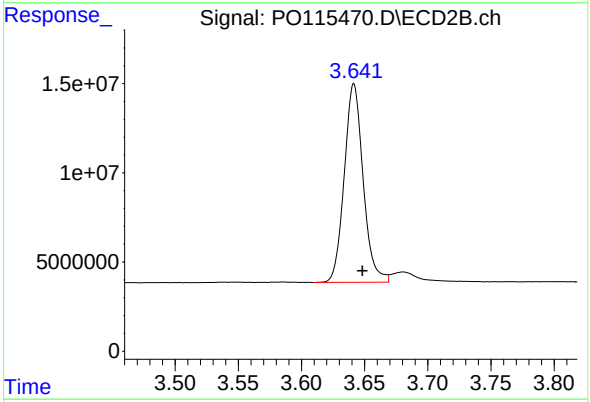
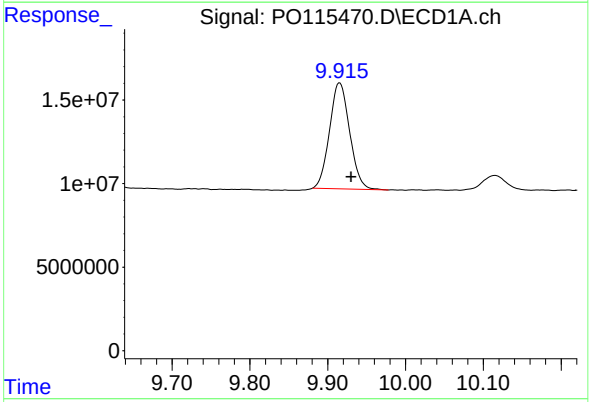


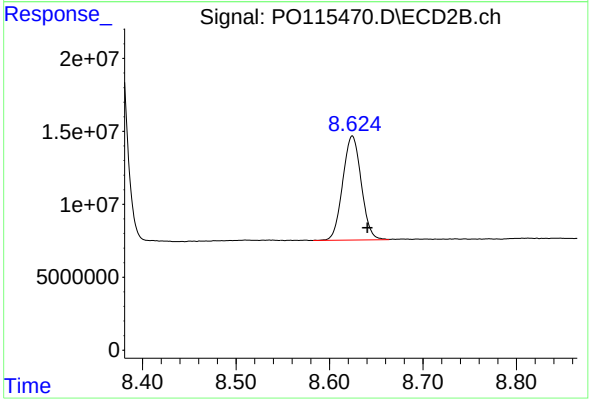
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.007 min
Response: 115889686
Conc: 25.94 ng/ml



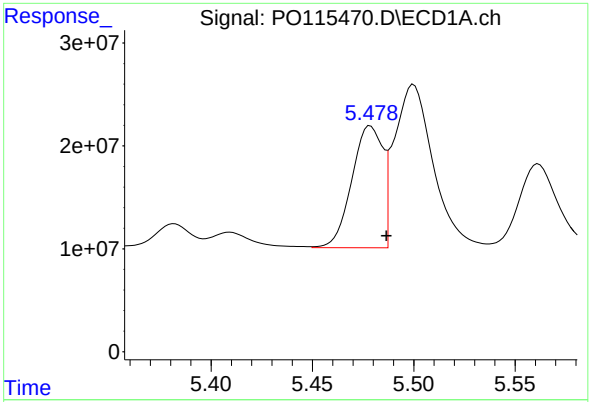
#2 Decachlorobiphenyl

R.T.: 9.915 min
Delta R.T.: -0.015 min
Response: 114039869
Conc: 25.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.624 min
Delta R.T.: -0.016 min
Response: 98307572
Conc: 25.18 ng/ml



#3 AR-1016-1

R.T.: 5.479 min
Delta R.T.: -0.008 min
Response: 125818035
Conc: 511.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8MS

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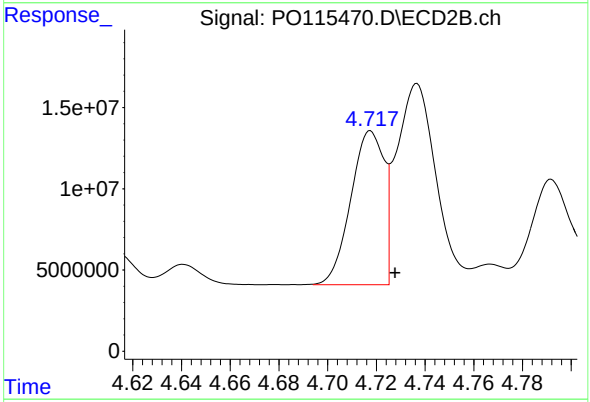
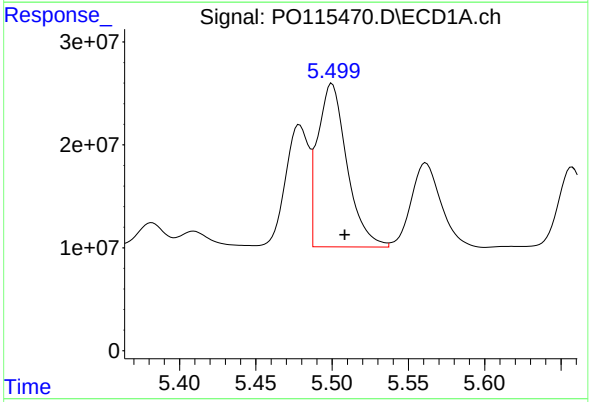


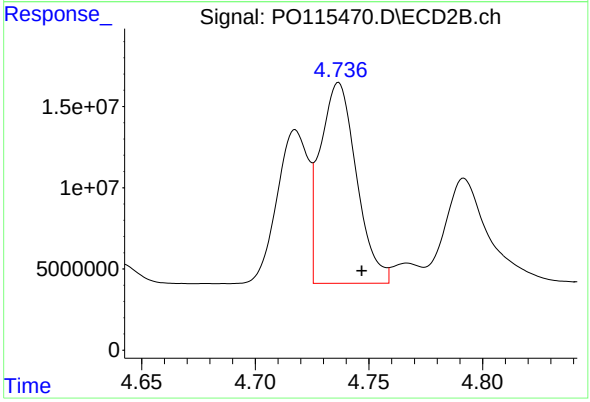
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 92965303
Conc: 488.63 ng/ml m



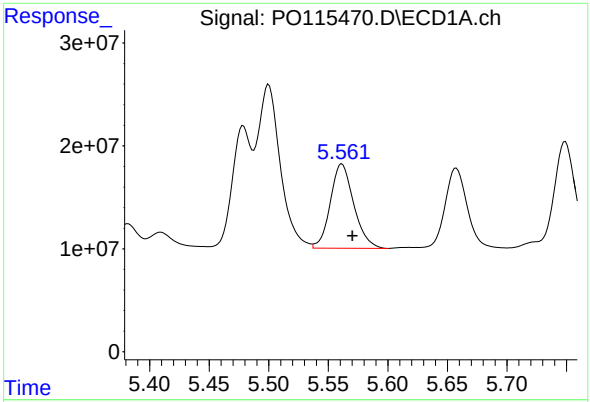
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 212507272
Conc: 535.19 ng/ml



#4 AR-1016-2

R.T.: 4.737 min
Delta R.T.: -0.010 min
Response: 137512866
Conc: 507.68 ng/ml



#5 AR-1016-3

R.T.: 5.561 min
Delta R.T.: -0.009 min
Response: 112352230
Conc: 503.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8MS

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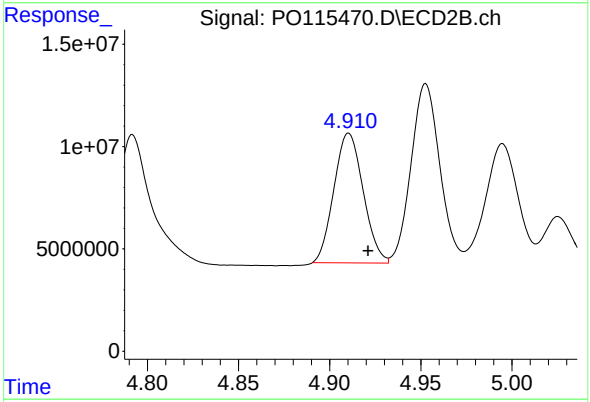
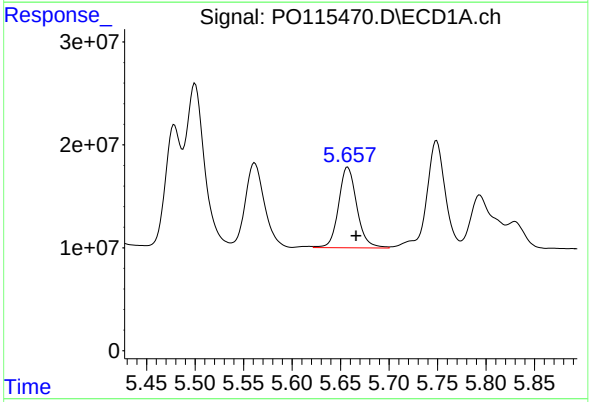
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



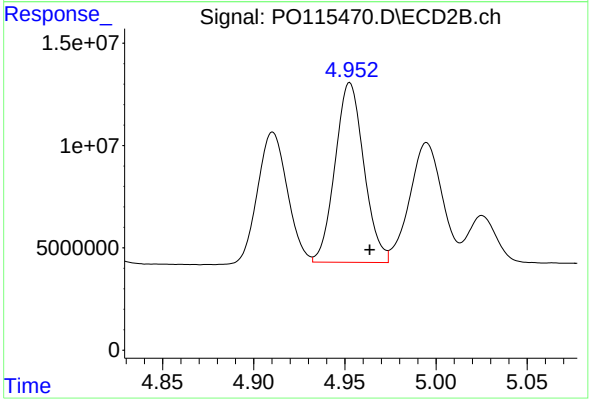
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: -0.011 min
Response: 71002672
Conc: 479.83 ng/ml



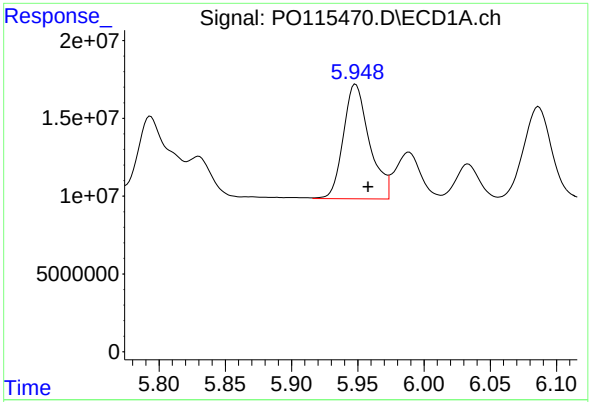
#6 AR-1016-4

R.T.: 5.657 min
Delta R.T.: -0.008 min
Response: 102928262
Conc: 544.95 ng/ml



#6 AR-1016-4

R.T.: 4.953 min
Delta R.T.: -0.011 min
Response: 96731958
Conc: 823.83 ng/ml



#7 AR-1016-5

R.T.: 5.948 min
Delta R.T.: -0.009 min
Response: 100692464
Conc: 565.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8MS

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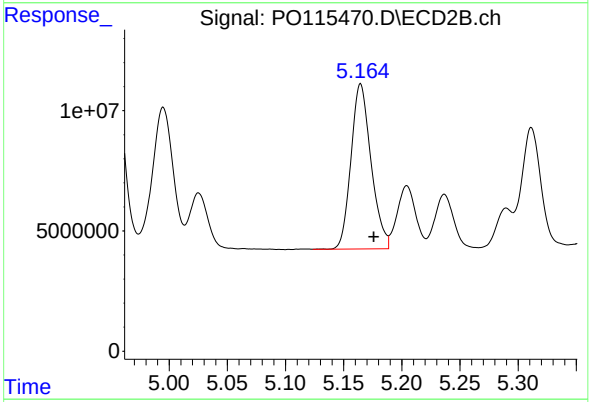
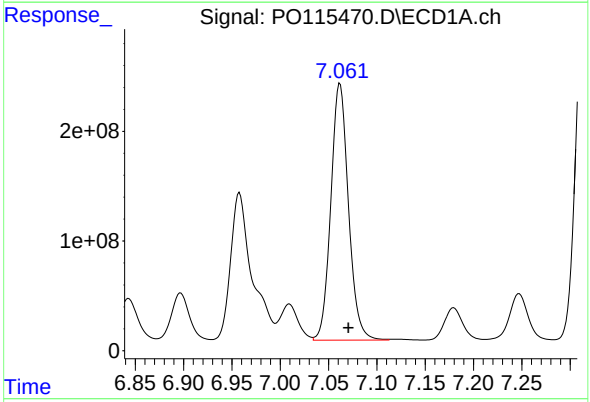
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



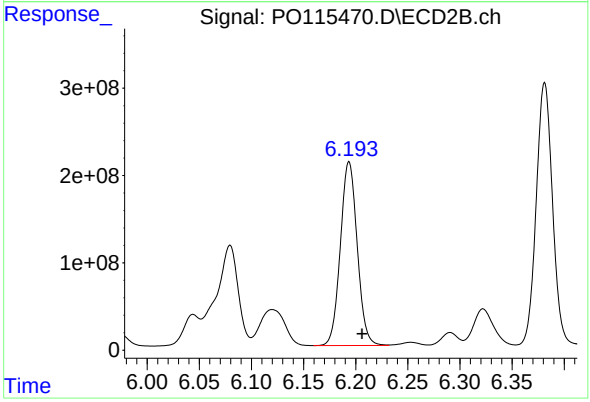
#7 AR-1016-5

R.T.: 5.165 min
Delta R.T.: -0.011 min
Response: 82509949
Conc: 540.29 ng/ml



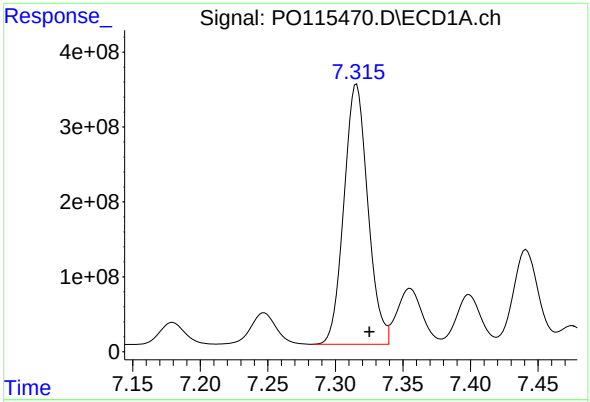
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 2975305765
Conc: 9734.88 ng/ml



#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.013 min
Response: 2368848099
Conc: 7999.96 ng/ml



#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 4271618917
Conc: 10790.26 ng/

Instrument :
ECD_O
ClientSampleId :
C0AD8MS

Manual Integrations
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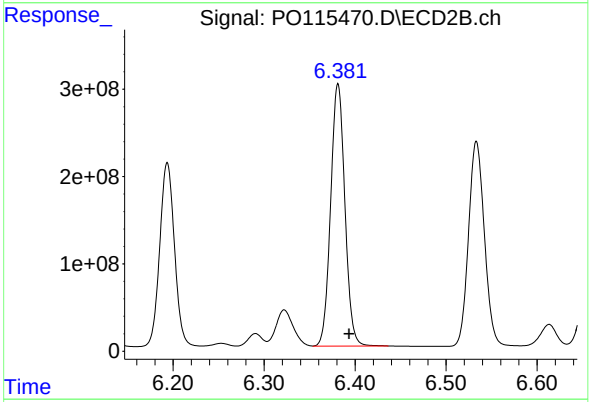
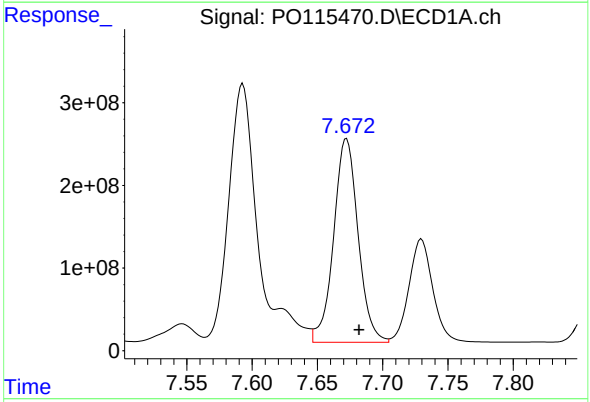


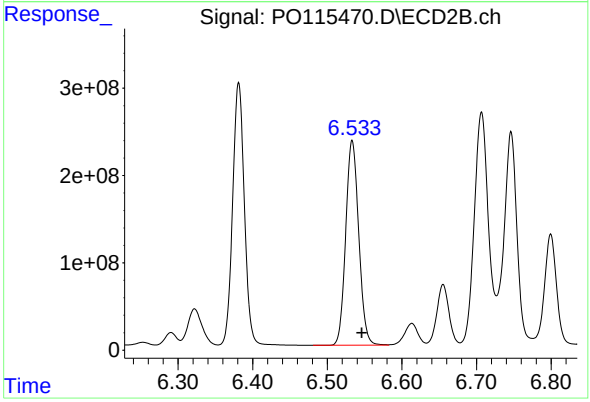
#32 AR-1260-2

R.T.: 6.381 min
Delta R.T.: -0.012 min
Response: 3265627020
Conc: 7593.93 ng/ml



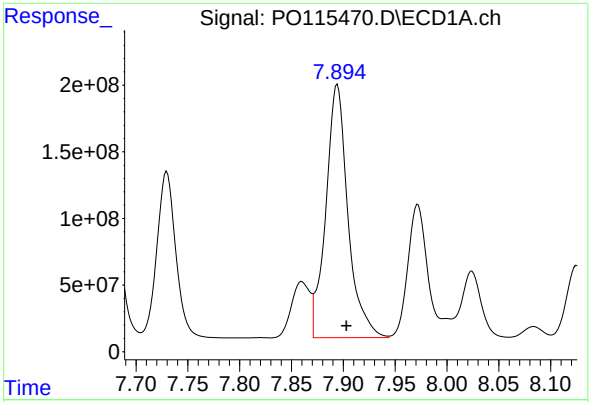
#33 AR-1260-3

R.T.: 7.672 min
Delta R.T.: -0.010 min
Response: 3213111354
Conc: 9683.36 ng/ml



#33 AR-1260-3

R.T.: 6.533 min
Delta R.T.: -0.013 min
Response: 2839176978
Conc: 8085.34 ng/ml



#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 2825066517
Conc: 9261.90 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AD8MS

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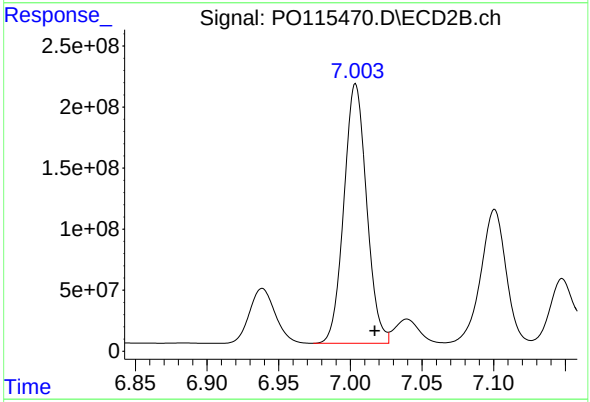
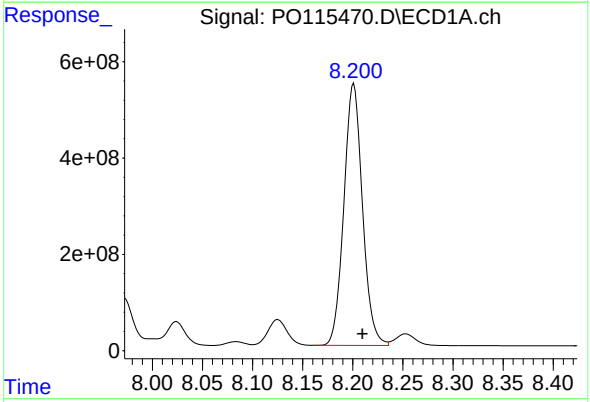


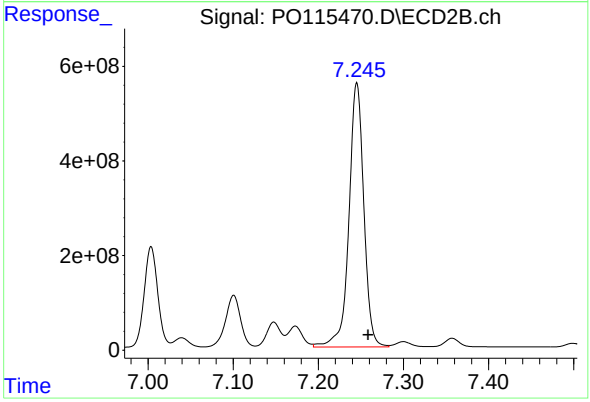
#34 AR-1260-4

R.T.: 7.004 min
Delta R.T.: -0.013 min
Response: 2345690310
Conc: 7740.82 ng/ml



#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 7015248756
Conc: 9836.04 ng/ml



#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.013 min
Response: 6778367813
Conc: 8249.92 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AD8MSD	SDG No.:	Q3694
Lab Sample ID:	Q3694-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.9
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	230		1	4.90	21.0	ug/kg	12/01/25 12:37	PB170688
11104-28-2	Aroclor-1221	21.0	U	1	5.00	21.0	ug/kg	12/01/25 12:37	PB170688
11141-16-5	Aroclor-1232	21.0	U	1	4.60	21.0	ug/kg	12/01/25 12:37	PB170688
53469-21-9	Aroclor-1242	21.0	U	1	4.90	21.0	ug/kg	12/01/25 12:37	PB170688
12672-29-6	Aroclor-1248	21.0	U	1	7.30	21.0	ug/kg	12/01/25 12:37	PB170688
11097-69-1	Aroclor-1254	21.0	U	1	4.00	21.0	ug/kg	12/01/25 12:37	PB170688
37324-23-5	Aroclor-1262	21.0	U	1	6.20	21.0	ug/kg	12/01/25 12:37	PB170688
11100-14-4	Aroclor-1268	21.0	U	1	4.40	21.0	ug/kg	12/01/25 12:37	PB170688
11096-82-5	Aroclor-1260	4100	E	1	4.00	21.0	ug/kg	12/01/25 12:37	PB170688
SURROGATES									
877-09-8	Tetrachloro-m-xylene	28.0			21 - 165	140%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.4			10 - 170	127%	SPK: 20		

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)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:37
Operator : YP/AJ
Sample : Q3694-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AD8MSD

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Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:16:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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...	4.338	3.641	197.1E6	116.3E6	28.003	26.048
2)	SA Decachlor...	9.914	8.624	112.4E6	95881513	25.419	24.561
	Target Compounds						
3)	L1 AR-1016-1	5.476	4.716	124.9E6	85299041	507.514	448.339m
4)	L1 AR-1016-2	5.498	4.736	212.9E6	138.1E6	536.120	509.766
5)	L1 AR-1016-3	5.560	4.910	112.1E6	70435445	502.783	476.001
6)	L1 AR-1016-4	5.656	4.952	103.2E6	96177593	546.516	819.106 #
7)	L1 AR-1016-5	5.946	5.163	101.5E6	82897397	569.845	542.830
31)	L7 AR-1260-1	7.060	6.192	2963.5E6	2369.4E6	9696.107	8001.696
32)	L7 AR-1260-2	7.313	6.380	4280.1E6	3273.2E6	10811.784	7611.633 #
33)	L7 AR-1260-3	7.671	6.533	3218.2E6	2835.0E6	9698.840	8073.514
34)	L7 AR-1260-4	7.893	7.003	2822.0E6	2344.5E6	9251.845	7736.935
35)	L7 AR-1260-5	8.198	7.245	7015.8E6	6764.0E6	9836.863	8232.375

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120125\
Data File : PO115471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:37
Operator : YP/AJ
Sample : Q3694-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AD8MSD

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Reviewed By :Rahul Chavli 12/02/2025
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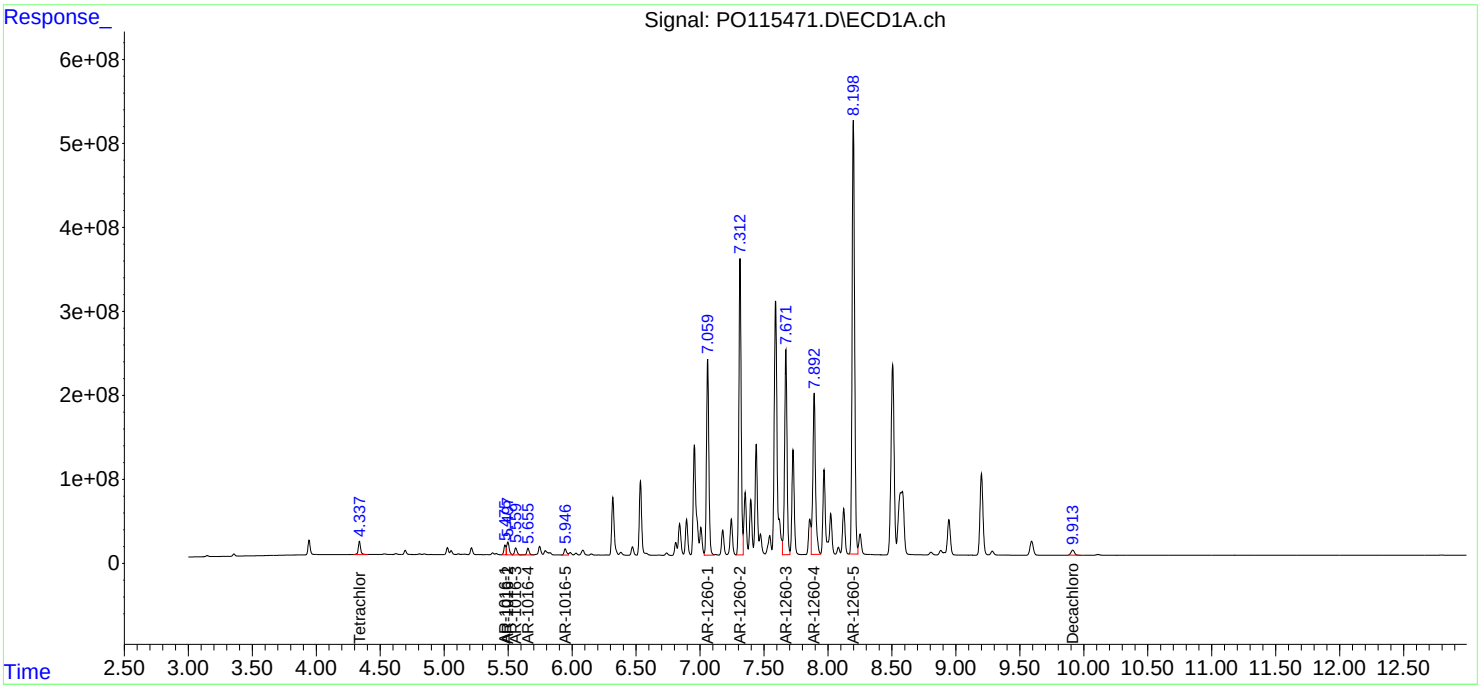
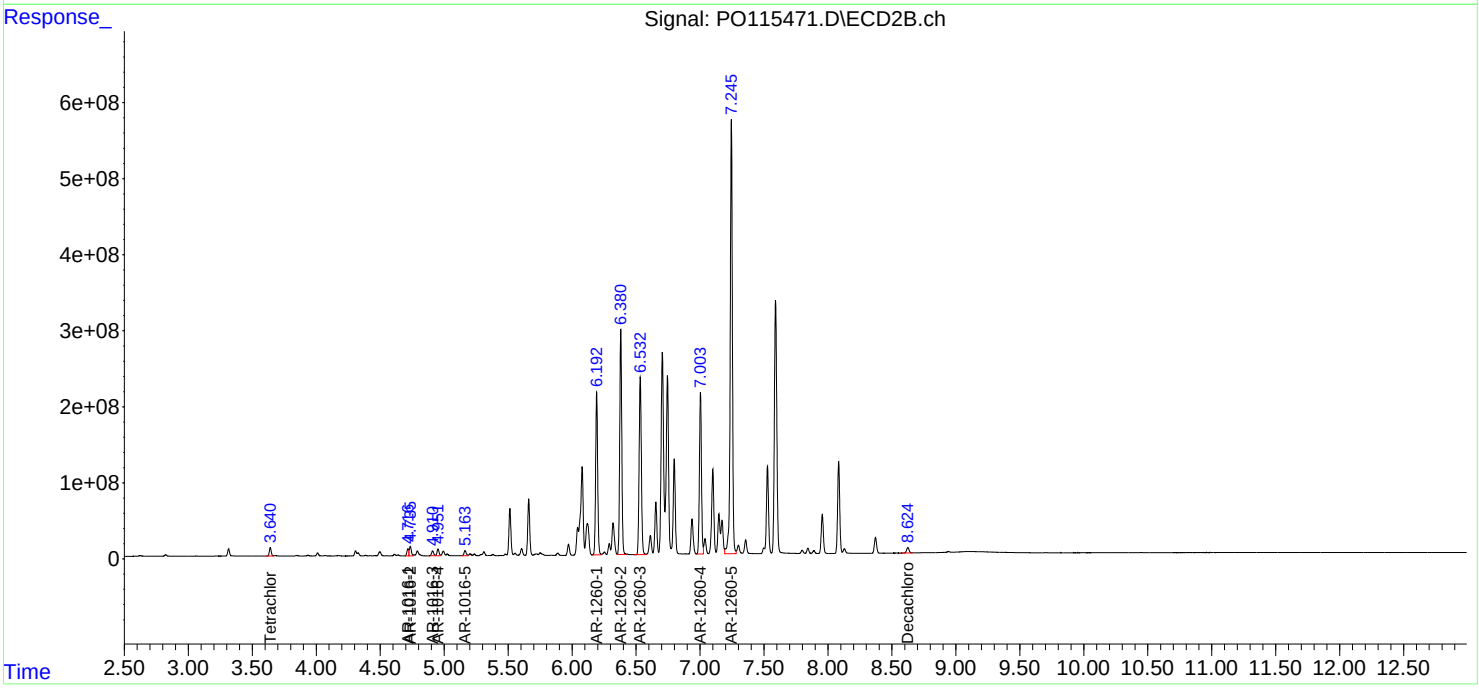
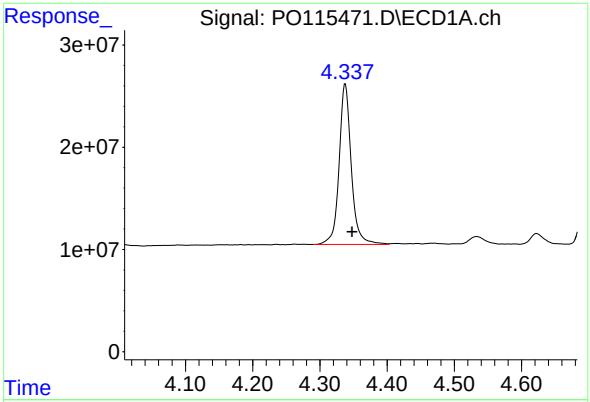
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 06:16:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







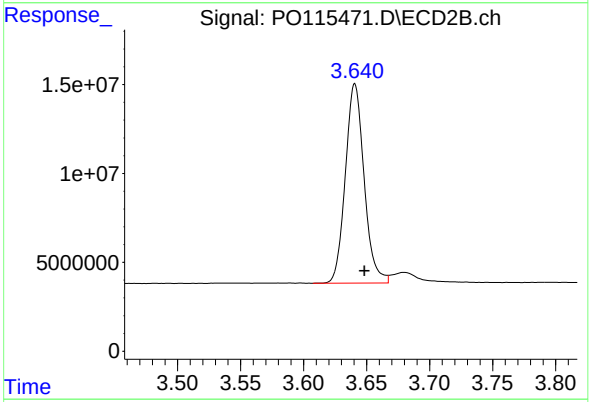
#1 Tetrachloro-m-xylene

R.T.: 4.338 min
Delta R.T.: -0.010 min
Response: 197086050
Conc: 28.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8MSD

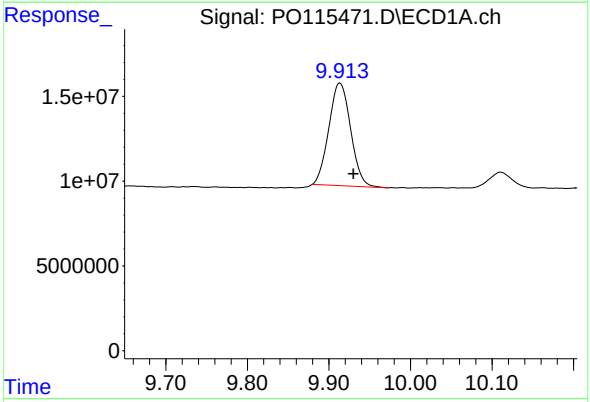
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



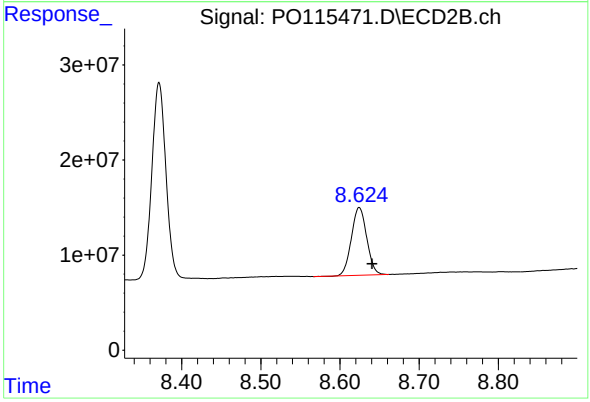
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: -0.008 min
Response: 116348611
Conc: 26.05 ng/ml



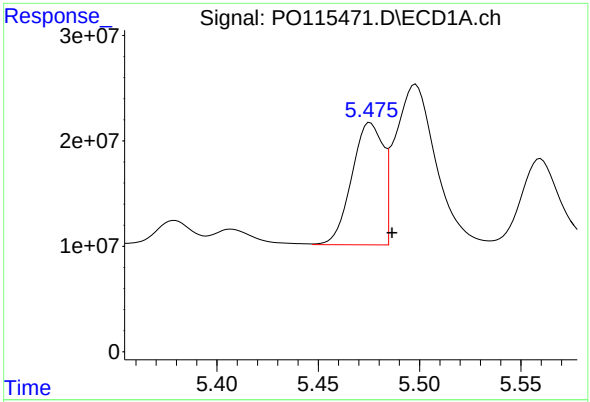
#2 Decachlorobiphenyl

R.T.: 9.914 min
Delta R.T.: -0.017 min
Response: 112356432
Conc: 25.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.624 min
Delta R.T.: -0.016 min
Response: 95881513
Conc: 24.56 ng/ml



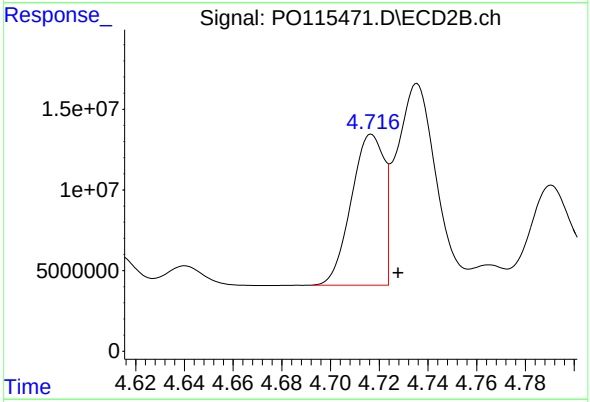
#3 AR-1016-1

R.T.: 5.476 min
Delta R.T.: -0.011 min
Response: 124858578
Conc: 507.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8MSD

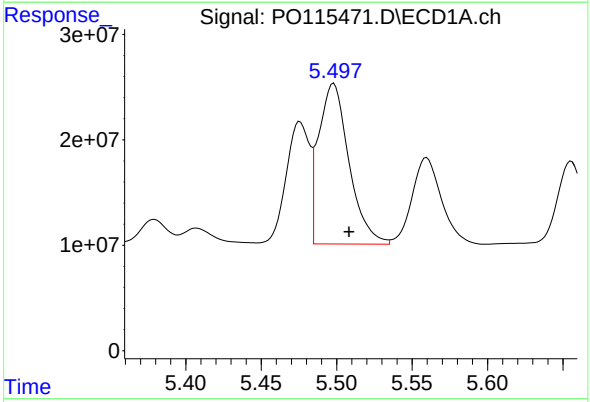
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



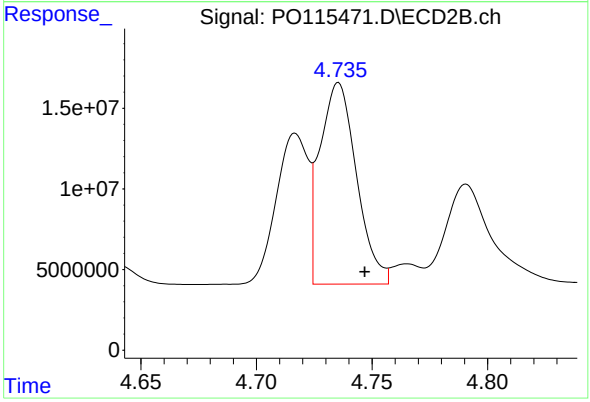
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: -0.011 min
Response: 85299041
Conc: 448.34 ng/ml m



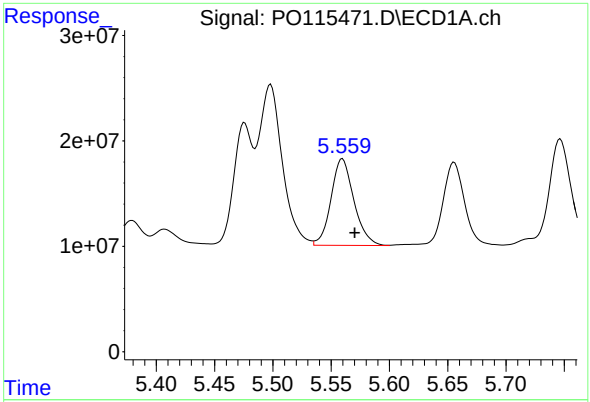
#4 AR-1016-2

R.T.: 5.498 min
Delta R.T.: -0.010 min
Response: 212877846
Conc: 536.12 ng/ml



#4 AR-1016-2

R.T.: 4.736 min
Delta R.T.: -0.011 min
Response: 138077540
Conc: 509.77 ng/ml



#5 AR-1016-3

R.T.: 5.560 min
Delta R.T.: -0.011 min
Response: 112121133
Conc: 502.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8MSD

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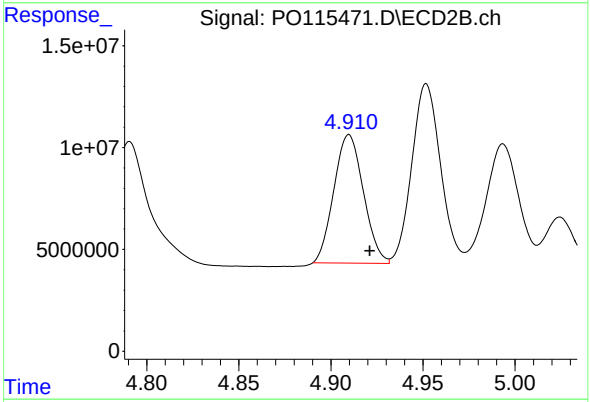
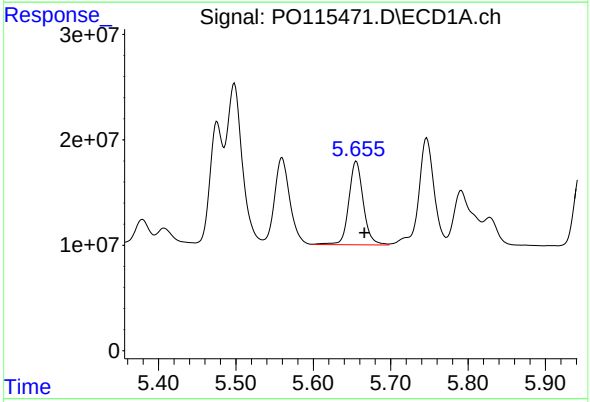
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



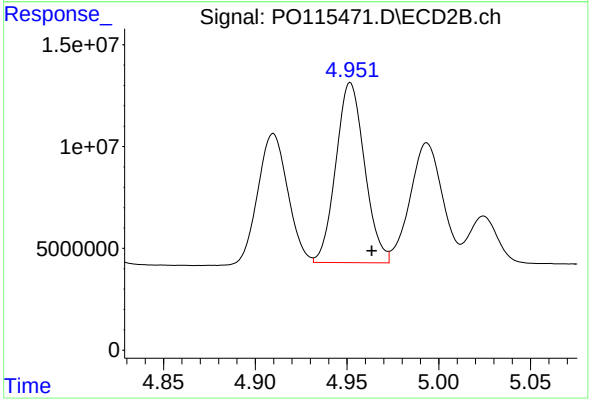
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: -0.011 min
Response: 70435445
Conc: 476.00 ng/ml



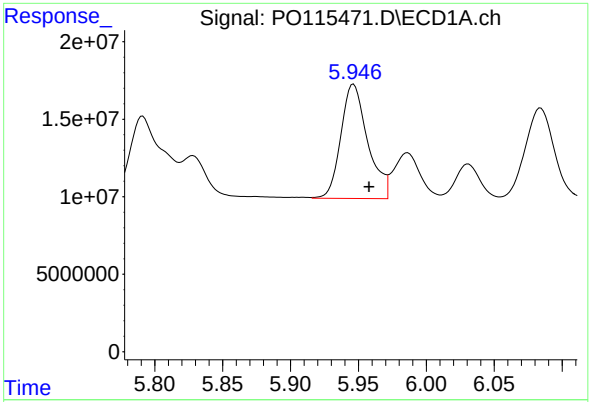
#6 AR-1016-4

R.T.: 5.656 min
Delta R.T.: -0.010 min
Response: 103223296
Conc: 546.52 ng/ml



#6 AR-1016-4

R.T.: 4.952 min
Delta R.T.: -0.012 min
Response: 96177593
Conc: 819.11 ng/ml



#7 AR-1016-5

R.T.: 5.946 min
Delta R.T.: -0.011 min
Response: 101544679
Conc: 569.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AD8MSD

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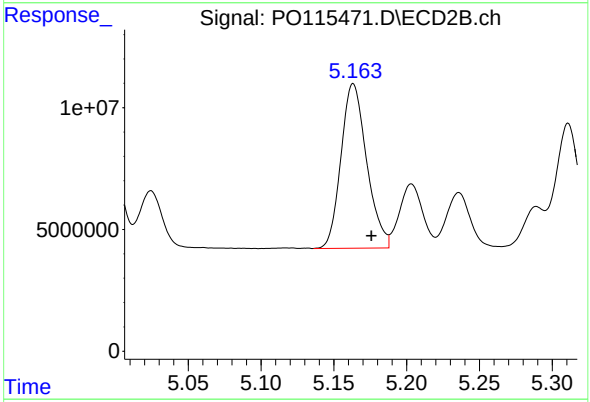
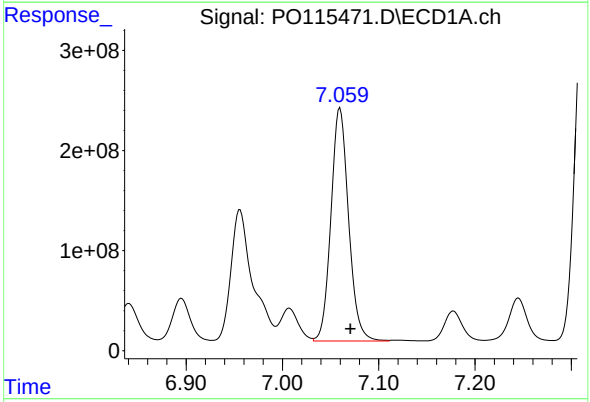
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



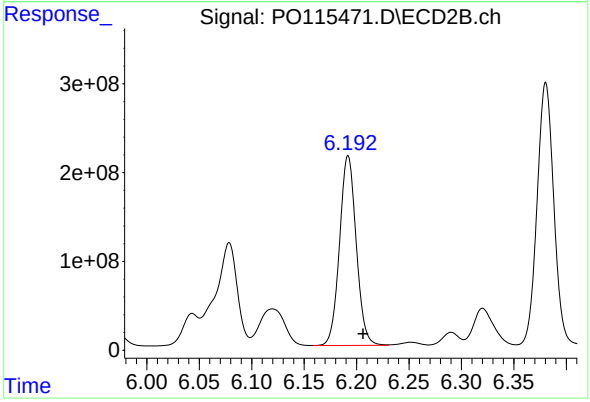
#7 AR-1016-5

R.T.: 5.163 min
Delta R.T.: -0.012 min
Response: 82897397
Conc: 542.83 ng/ml



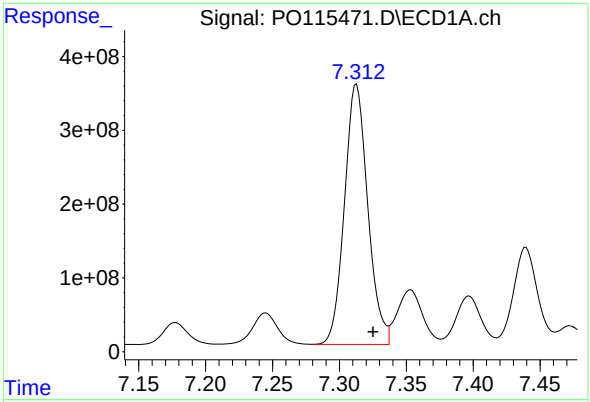
#31 AR-1260-1

R.T.: 7.060 min
Delta R.T.: -0.011 min
Response: 2963454433
Conc: 9696.11 ng/ml



#31 AR-1260-1

R.T.: 6.192 min
Delta R.T.: -0.014 min
Response: 2369362000
Conc: 8001.70 ng/ml



#32 AR-1260-2

R.T.: 7.313 min
Delta R.T.: -0.012 min
Response: 4280138718
Conc: 10811.78 ng/

Instrument :
ECD_O
ClientSampleId :
C0AD8MSD

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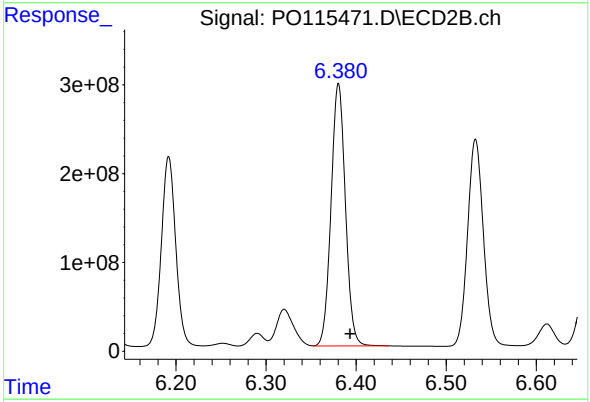
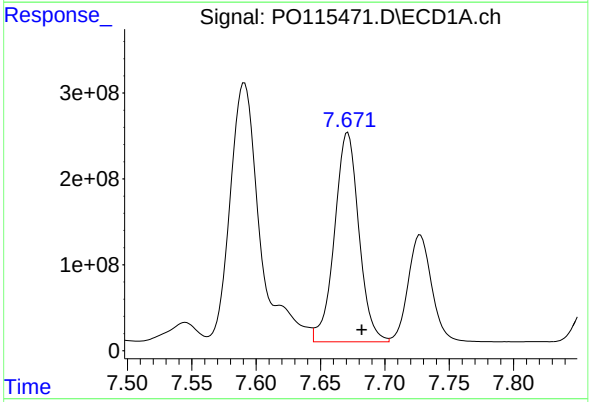
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



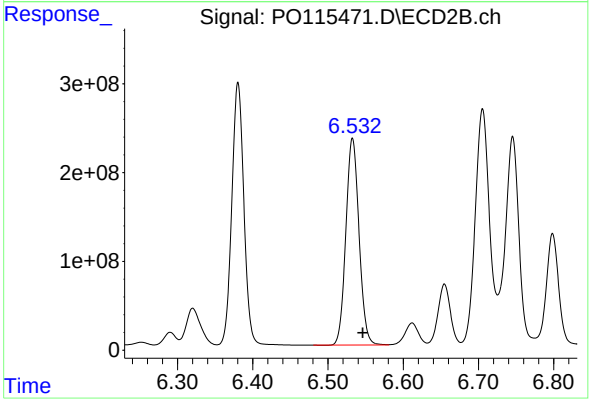
#32 AR-1260-2

R.T.: 6.380 min
Delta R.T.: -0.013 min
Response: 3273239596
Conc: 7611.63 ng/ml



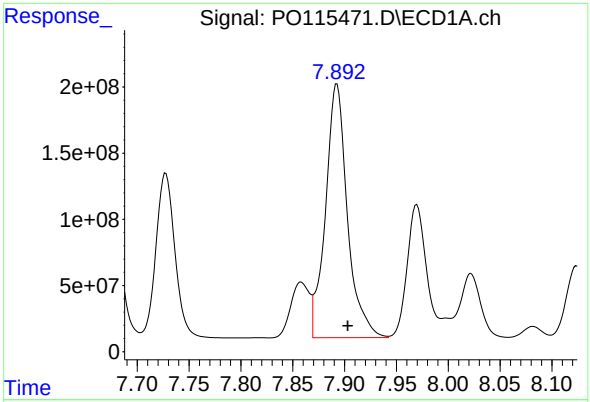
#33 AR-1260-3

R.T.: 7.671 min
Delta R.T.: -0.011 min
Response: 3218249518
Conc: 9698.84 ng/ml



#33 AR-1260-3

R.T.: 6.533 min
Delta R.T.: -0.014 min
Response: 2835025893
Conc: 8073.51 ng/ml



#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 2821998316
Conc: 9251.85 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AD8MSD

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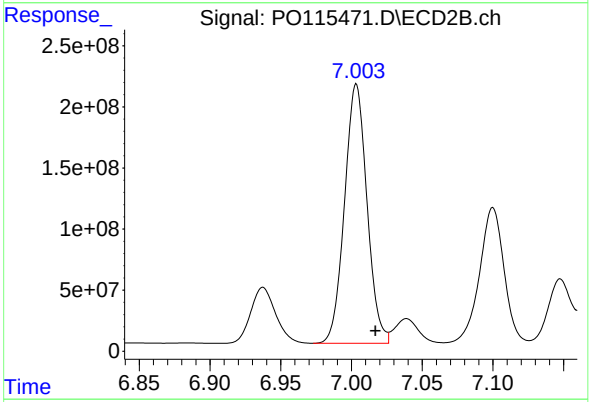
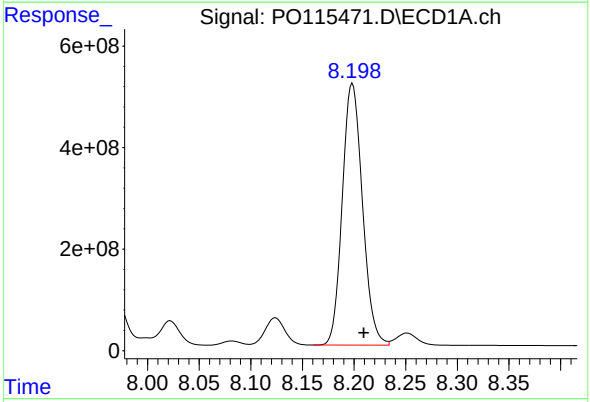
Reviewed By :Rahul Chavli 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



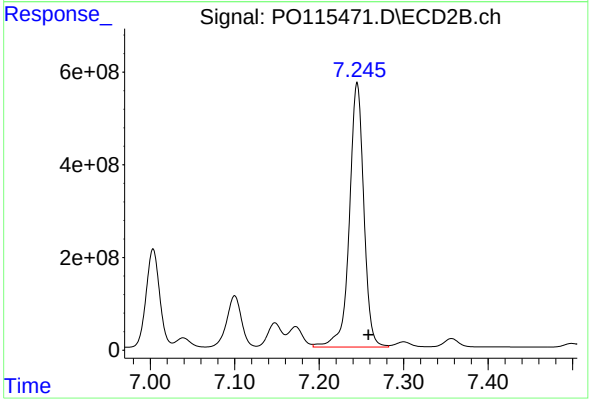
#34 AR-1260-4

R.T.: 7.003 min
Delta R.T.: -0.014 min
Response: 2344513057
Conc: 7736.93 ng/ml



#35 AR-1260-5

R.T.: 8.198 min
Delta R.T.: -0.011 min
Response: 7015834223
Conc: 9836.86 ng/ml



#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.013 min
Response: 6763950269
Conc: 8232.37 ng/ml

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Manual Integration Report

Sequence:	po110425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO114874.D	AR-1260-1 #2	rahul	11/5/2025 8:39:44 AM	yogesh	11/5/2025 10:22:06	Peak Integrated by Software
AR1660ICC250	PO114874.D	AR-1260-2 #2	rahul	11/5/2025 8:39:44 AM	yogesh	11/5/2025 10:22:06	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1016-3 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1016-5 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-1	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-1 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-2 #2	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-3	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1660ICC050	PO114875.D	AR-1260-4	rahul	11/5/2025 8:39:48 AM	yogesh	11/5/2025 10:22:08	Peak Integrated by Software
AR1242ICC050	PO114882.D	AR-1242-5 #2	rahul	11/5/2025 8:39:51 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	AR-1254-1	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	AR-1254-2	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software

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Manual Integration Report

Sequence:	po110425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PO114892.D	AR-1254-4	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1254ICC050	PO114892.D	Decachlorobiphenyl	rahul	11/5/2025 8:40:06 AM	yogesh	11/5/2025 10:22:11	Peak Integrated by Software
AR1268ICC250	PO114897.D	AR-1268-1 #2	rahul	11/5/2025 8:40:09 AM	yogesh	11/5/2025 10:22:13	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-1	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-2	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-3	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software
AR1242ICV500	PO114900.D	AR-1242-4	rahul	11/5/2025 8:40:12 AM	yogesh	11/5/2025 10:22:14	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO115312.D	AR-1254-1	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-1 #2	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-2	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-2 #2	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-3	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-4	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-5	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	Decachlorobiphenyl	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115325.D	Decachlorobiphenyl #2	rahul	11/26/2025 9:41:46 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-1	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-1 #2	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-2	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-2 #2	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO115327.D	AR-1254-3	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-4	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-5	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
PB170688BS	PO115331.D	AR-1016-1 #2	rahul	11/25/2025 12:59:20 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
PB170688BS	PO115331.D	AR-1016-2 #2	rahul	11/25/2025 12:59:20 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115341.D	AR-1242-4	rahul	11/26/2025 9:41:52 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115341.D	Decachlorobiphenyl #2	rahul	11/26/2025 9:41:52 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1248CCC500	PO115342.D	Decachlorobiphenyl #2	rahul	11/26/2025 9:41:54 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-1	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-1 #2	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-2	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-2 #2	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-3	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO115343.D	AR-1254-3 #2	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-4	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-5	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-04	PO115346.D	AR-1242-1 #2	rahul	11/26/2025 9:42:00 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-04	PO115346.D	AR-1242-2 #2	rahul	11/26/2025 9:42:00 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-04	PO115346.D	AR-1260-4	rahul	11/26/2025 9:42:00 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-07	PO115349.D	AR-1242-1 #2	rahul	11/25/2025 12:59:32 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-07	PO115349.D	AR-1242-2 #2	rahul	11/25/2025 12:59:32 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-07	PO115349.D	AR-1254-2	rahul	11/25/2025 12:59:32 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-08	PO115350.D	AR-1242-1 #2	rahul	11/25/2025 12:59:34 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-08	PO115350.D	AR-1242-2 #2	rahul	11/25/2025 12:59:34 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-08	PO115350.D	AR-1260-4	rahul	11/25/2025 12:59:34 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-09	PO115351.D	AR-1260-4	rahul	11/25/2025 12:59:36 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3694-10	PO115352.D	AR-1254-1	rahul	11/25/2025 12:59:38 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-10	PO115352.D	AR-1254-2	rahul	11/25/2025 12:59:38 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-11	PO115353.D	AR-1260-4	rahul	11/25/2025 12:59:41 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1660CCC50 0	PO115355.D	AR-1016-5 #2	rahul	11/26/2025 1:20:05 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1660CCC50 0	PO115355.D	AR-1260-2	rahul	11/26/2025 1:20:05 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC50 0	PO115356.D	AR-1242-1	rahul	11/26/2025 9:42:07 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC50 0	PO115356.D	AR-1242-2	rahul	11/26/2025 9:42:07 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC50 0	PO115356.D	AR-1242-3	rahul	11/26/2025 9:42:07 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC50 0	PO115356.D	AR-1242-4	rahul	11/26/2025 9:42:07 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115358.D	AR-1254-1	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115358.D	AR-1254-1 #2	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115358.D	AR-1254-2	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115358.D	AR-1254-2 #2	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO115358.D	AR-1254-3	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115358.D	AR-1254-3 #2	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115358.D	AR-1254-4	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115358.D	AR-1254-5	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-14	PO115361.D	AR-1260-4	rahul	11/25/2025 12:59:44 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-15	PO115362.D	AR-1260-1 #2	rahul	11/25/2025 12:59:46 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-15	PO115362.D	AR-1260-2 #2	rahul	11/25/2025 12:59:46 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3694-15	PO115362.D	AR-1260-4	rahul	11/25/2025 12:59:46 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1660CCC500	PO115365.D	AR-1016-3	rahul	11/26/2025 1:20:07 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1660CCC500	PO115365.D	AR-1016-4	rahul	11/26/2025 1:20:07 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1660CCC500	PO115365.D	AR-1016-5	rahul	11/26/2025 1:20:07 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1660CCC500	PO115365.D	AR-1260-1	rahul	11/26/2025 1:20:07 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1660CCC500	PO115365.D	AR-1260-2	rahul	11/26/2025 1:20:07 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO115365.D	AR-1260-3	rahul	11/26/2025 1:20:07 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC50 0	PO115366.D	AR-1242-1	rahul	11/26/2025 9:42:11 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC50 0	PO115366.D	AR-1242-2	rahul	11/26/2025 9:42:11 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC50 0	PO115366.D	AR-1242-3	rahul	11/26/2025 9:42:11 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC50 0	PO115366.D	AR-1242-4	rahul	11/26/2025 9:42:11 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115368.D	AR-1254-1	rahul	11/26/2025 9:42:13 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115368.D	AR-1254-1 #2	rahul	11/26/2025 9:42:13 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115368.D	AR-1254-2	rahul	11/26/2025 9:42:13 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115368.D	AR-1254-2 #2	rahul	11/26/2025 9:42:13 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115368.D	AR-1254-3	rahul	11/26/2025 9:42:13 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115368.D	AR-1254-4	rahul	11/26/2025 9:42:13 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC50 0	PO115368.D	AR-1254-5	rahul	11/26/2025 9:42:13 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO115388.D	AR-1016-1 #2	rahul	11/26/2025 9:47:01 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1242CCC50 0	PO115389.D	AR-1242-1 #2	rahul	11/26/2025 9:47:04 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1242CCC50 0	PO115389.D	Decachlorobiphenyl	rahul	11/26/2025 9:47:04 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1248CCC50 0	PO115390.D	AR-1248-1 #2	rahul	11/26/2025 9:47:07 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1248CCC50 0	PO115390.D	Decachlorobiphenyl	rahul	11/26/2025 9:47:07 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	PO115391.D	AR-1254-1	rahul	11/26/2025 9:47:10 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	PO115391.D	AR-1254-1 #2	rahul	11/26/2025 9:47:10 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	PO115391.D	AR-1254-2	rahul	11/26/2025 9:47:10 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	PO115391.D	Decachlorobiphenyl	rahul	11/26/2025 9:47:10 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
I.BLK	PO115392.D	Decachlorobiphenyl	rahul	11/26/2025 9:47:14 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
Q3694-01DL	PO115400.D	Tetrachloro-m-xylene	rahul	11/26/2025 9:47:59 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1660CCC50 0	PO115403.D	AR-1016-1 #2	rahul	11/26/2025 9:48:01 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1660CCC50 0	PO115403.D	Decachlorobiphenyl	rahul	11/26/2025 9:48:01 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software

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Sequence:	PO112525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO115404.D	AR-1242-1 #2	rahul	11/26/2025 9:48:05 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1242CCC500	PO115404.D	Decachlorobiphenyl	rahul	11/26/2025 9:48:05 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1248CCC500	PO115405.D	AR-1248-1 #2	rahul	11/26/2025 9:48:09 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1248CCC500	PO115405.D	Decachlorobiphenyl	rahul	11/26/2025 9:48:09 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115406.D	AR-1254-1	rahul	11/26/2025 9:48:19 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115406.D	AR-1254-1 #2	rahul	11/26/2025 9:48:19 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115406.D	AR-1254-2	rahul	11/26/2025 9:48:19 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115406.D	AR-1254-3	rahul	11/26/2025 9:48:19 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115406.D	AR-1254-4	rahul	11/26/2025 9:48:19 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115406.D	Decachlorobiphenyl	rahul	11/26/2025 9:48:19 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
I.BLK	PO115407.D	Decachlorobiphenyl	rahul	11/26/2025 9:48:22 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1242CCC500	PO115419.D	AR-1242-1 #2	rahul	11/26/2025 9:48:51 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1242CCC500	PO115419.D	Decachlorobiphenyl	rahul	11/26/2025 9:48:51 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software

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Sequence:	PO112525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO115419.D	Decachlorobiphenyl #2	rahul	11/26/2025 9:48:51 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1248CCC500	PO115420.D	AR-1248-1 #2	rahul	11/26/2025 9:48:54 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115421.D	AR-1254-1 #2	rahul	11/26/2025 9:48:57 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115421.D	AR-1254-2	rahul	11/26/2025 9:48:57 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115421.D	AR-1254-2 #2	rahul	11/26/2025 9:48:57 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115421.D	AR-1254-3	rahul	11/26/2025 9:48:57 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115421.D	AR-1254-4	rahul	11/26/2025 9:48:57 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC500	PO115421.D	Decachlorobiphenyl #2	rahul	11/26/2025 9:48:57 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO115465.D	AR-1016-1 #2	rahul	12/2/2025 10:05:31 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115465.D	Decachlorobiphenyl	rahul	12/2/2025 10:05:31 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC50 0	PO115466.D	AR-1242-1 #2	rahul	12/2/2025 10:05:44 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC50 0	PO115467.D	AR-1248-1 #2	rahul	12/2/2025 10:05:47 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC50 0	PO115467.D	Decachlorobiphenyl	rahul	12/2/2025 10:05:47 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1254CCC50 0	PO115468.D	AR-1254-1	rahul	12/2/2025 10:05:50 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
I.BLK	PO115469.D	Decachlorobiphenyl	rahul	12/2/2025 10:05:55 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
Q3694-01MS	PO115470.D	AR-1016-1 #2	rahul	12/2/2025 10:05:59 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
Q3694-01MSD	PO115471.D	AR-1016-1 #2	rahul	12/2/2025 10:06:02 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115479.D	AR-1016-1	rahul	12/2/2025 10:06:25 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115479.D	AR-1016-1 #2	rahul	12/2/2025 10:06:25 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115479.D	AR-1016-3 #2	rahul	12/2/2025 10:06:25 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115479.D	AR-1016-4 #2	rahul	12/2/2025 10:06:25 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO115480.D	AR-1242-1	rahul	12/2/2025 10:06:28 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC500	PO115480.D	AR-1242-1 #2	rahul	12/2/2025 10:06:28 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC500	PO115481.D	AR-1248-1	rahul	12/2/2025 10:06:30 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC500	PO115481.D	AR-1248-1 #2	rahul	12/2/2025 10:06:30 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1254CCC500	PO115482.D	AR-1254-1	rahul	12/2/2025 10:06:34 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
I.BLK	PO115483.D	Decachlorobiphenyl	rahul	12/2/2025 10:06:37 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1016-1	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1016-1 #2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1016-2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1016-3	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1016-3 #2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1016-4	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC500	PO115493.D	AR-1016-4 #2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO115493.D	AR-1016-5	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1016-5 #2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1260-1	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1260-1 #2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1260-2	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	AR-1260-3	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115493.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:29 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC50 0	PO115494.D	AR-1242-1 #2	rahul	12/2/2025 10:07:33 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC50 0	PO115494.D	AR-1242-3 #2	rahul	12/2/2025 10:07:33 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC50 0	PO115494.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:33 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC50 0	PO115495.D	AR-1248-1 #2	rahul	12/2/2025 10:07:35 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC50 0	PO115495.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:35 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1254CCC50 0	PO115496.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:39 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

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Sequence:	PO120125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PO115497.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:43 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1016-1	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1016-1 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1016-2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1016-3	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1016-3 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1016-4	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1016-4 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1016-5	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1016-5 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1260-1	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1260-1 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1260-2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO120125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO115500.D	AR-1260-2 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1260-3	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1260-3 #2	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	AR-1260-4	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1660CCC50 0	PO115500.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:51 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC50 0	PO115501.D	AR-1242-1	rahul	12/2/2025 10:07:54 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC50 0	PO115501.D	AR-1242-1 #2	rahul	12/2/2025 10:07:54 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC50 0	PO115501.D	AR-1242-2	rahul	12/2/2025 10:07:54 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1242CCC50 0	PO115501.D	AR-1242-3	rahul	12/2/2025 10:07:54 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC50 0	PO115502.D	AR-1248-1 #2	rahul	12/2/2025 10:07:57 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1248CCC50 0	PO115502.D	Decachlorobiphenyl	rahul	12/2/2025 10:07:57 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1254CCC50 0	PO115503.D	AR-1254-1	rahul	12/2/2025 10:08:00 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software
AR1254CCC50 0	PO115503.D	Decachlorobiphenyl #2	rahul	12/2/2025 10:08:00 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO120125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PO115504.D	Decachlorobiphenyl	rahul	12/2/2025 10:08:02 AM	mohammad	12/3/2025 12:24:17	Peak Integrated by Software

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114869.D	04 Nov 2025 09:03	YP/AJ	Ok
2	I.BLK	PO114870.D	04 Nov 2025 09:21	YP/AJ	Ok
3	AR1660ICC1000	PO114871.D	04 Nov 2025 09:39	YP/AJ	Ok
4	AR1660ICC750	PO114872.D	04 Nov 2025 09:58	YP/AJ	Ok
5	AR1660ICC500	PO114873.D	04 Nov 2025 10:16	YP/AJ	Ok
6	AR1660ICC250	PO114874.D	04 Nov 2025 10:34	YP/AJ	Ok,M
7	AR1660ICC050	PO114875.D	04 Nov 2025 10:53	YP/AJ	Ok,M
8	AR1221ICC500	PO114876.D	04 Nov 2025 11:11	YP/AJ	Ok
9	AR1232ICC500	PO114877.D	04 Nov 2025 11:30	YP/AJ	Ok
10	AR1242ICC1000	PO114878.D	04 Nov 2025 11:48	YP/AJ	Ok
11	AR1242ICC750	PO114879.D	04 Nov 2025 12:06	YP/AJ	Ok
12	AR1242ICC500	PO114880.D	04 Nov 2025 12:25	YP/AJ	Ok
13	AR1242ICC250	PO114881.D	04 Nov 2025 12:42	YP/AJ	Ok
14	AR1242ICC050	PO114882.D	04 Nov 2025 13:00	YP/AJ	Ok,M
15	AR1248ICC1000	PO114883.D	04 Nov 2025 13:19	YP/AJ	Ok
16	AR1248ICC750	PO114884.D	04 Nov 2025 13:37	YP/AJ	Ok
17	AR1248ICC500	PO114885.D	04 Nov 2025 13:56	YP/AJ	Ok
18	AR1248ICC250	PO114886.D	04 Nov 2025 14:14	YP/AJ	Ok
19	AR1248ICC050	PO114887.D	04 Nov 2025 14:33	YP/AJ	Ok
20	AR1254ICC1000	PO114888.D	04 Nov 2025 14:51	YP/AJ	Ok
21	AR1254ICC750	PO114889.D	04 Nov 2025 15:09	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO114890.D	04 Nov 2025 15:28	YP/AJ	Ok
23	AR1254ICC250	PO114891.D	04 Nov 2025 16:04	YP/AJ	Ok
24	AR1254ICC050	PO114892.D	04 Nov 2025 16:23	YP/AJ	Ok,M
25	AR1262ICC500	PO114893.D	04 Nov 2025 17:00	YP/AJ	Ok
26	AR1268ICC1000	PO114894.D	04 Nov 2025 17:18	YP/AJ	Ok
27	AR1268ICC750	PO114895.D	04 Nov 2025 17:36	YP/AJ	Ok
28	AR1268ICC500	PO114896.D	04 Nov 2025 17:55	YP/AJ	Ok
29	AR1268ICC250	PO114897.D	04 Nov 2025 18:13	YP/AJ	Ok,M
30	AR1268ICC050	PO114898.D	04 Nov 2025 18:31	YP/AJ	Ok
31	PO110425ICV500	PO114899.D	04 Nov 2025 19:08	YP/AJ	Ok
32	AR1242ICV500	PO114900.D	04 Nov 2025 20:21	YP/AJ	Ok,M
33	AR1248ICV500	PO114901.D	04 Nov 2025 20:58	YP/AJ	Ok
34	AR1254ICV500	PO114902.D	04 Nov 2025 21:35	YP/AJ	Ok
35	AR1268ICV500	PO114903.D	04 Nov 2025 22:12	YP/AJ	Ok
36	DDT ANALOG	PO114904.D	04 Nov 2025 22:48	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112125

Review By	rahul	Review On	11/21/2025 11:49:41 AM		
Supervise By	mohammad	Supervise On	11/27/2025 12:19:53 AM		
SubDirectory	PO112125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO115308.D	21 Nov 2025 08:38	YP/AJ	Ok
2	AR1660CCC500	PO115309.D	21 Nov 2025 08:57	YP/AJ	Ok
3	AR1242CCC500	PO115310.D	21 Nov 2025 09:22	YP/AJ	Ok
4	AR1248CCC500	PO115311.D	21 Nov 2025 09:40	YP/AJ	Ok
5	AR1254CCC500	PO115312.D	21 Nov 2025 09:59	YP/AJ	Ok,M
6	AR1268CCC500	PO115313.D	21 Nov 2025 10:17	YP/AJ	Ok
7	I.BLK	PO115314.D	21 Nov 2025 10:35	YP/AJ	Ok
8	Q3666-02RE	PO115315.D	21 Nov 2025 11:10	YP/AJ	Confirms
9	Q3673-05DL	PO115316.D	21 Nov 2025 11:28	YP/AJ	Ok,M
10	Q3673-06DL	PO115317.D	21 Nov 2025 11:47	YP/AJ	Ok,M
11	Q3673-07DL2	PO115318.D	21 Nov 2025 12:05	YP/AJ	Ok,M
12	Q3697-01	PO115319.D	21 Nov 2025 12:23	YP/AJ	Ok,M
13	Q3697-02	PO115320.D	21 Nov 2025 12:42	YP/AJ	Ok
14	Q3697-03	PO115321.D	21 Nov 2025 13:00	YP/AJ	Ok
15	Q3699-01	PO115322.D	21 Nov 2025 13:19	YP/AJ	Ok
16	Q3699-03	PO115323.D	21 Nov 2025 13:37	YP/AJ	Ok,M
17	AR1660CCC500	PO115324.D	21 Nov 2025 14:32	YP/AJ	Ok
18	AR1242CCC500	PO115325.D	21 Nov 2025 14:51	YP/AJ	Ok,M
19	AR1248CCC500	PO115326.D	21 Nov 2025 15:09	YP/AJ	Ok
20	AR1254CCC500	PO115327.D	21 Nov 2025 15:27	YP/AJ	Ok,M
21	AR1268CCC500	PO115328.D	21 Nov 2025 15:46	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112125

Review By	rahul	Review On	11/21/2025 11:49:41 AM		
Supervise By	mohammad	Supervise On	11/27/2025 12:19:53 AM		
SubDirectory	PO112125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	I.BLK	PO115329.D	21 Nov 2025 16:04	YP/AJ	Ok
23	PB170688BL	PO115330.D	21 Nov 2025 16:22	YP/AJ	Ok
24	PB170688BS	PO115331.D	21 Nov 2025 16:41	YP/AJ	Ok,M
25	Q3693-11	PO115332.D	21 Nov 2025 16:59	YP/AJ	Ok,M
26	Q3693-12	PO115333.D	21 Nov 2025 17:18	YP/AJ	Ok,M
27	Q3693-13	PO115334.D	21 Nov 2025 17:36	YP/AJ	Ok
28	Q3693-14	PO115335.D	21 Nov 2025 17:54	YP/AJ	Ok
29	Q3694-01	PO115336.D	21 Nov 2025 18:13	YP/AJ	Dilution
30	Q3694-01MS	PO115337.D	21 Nov 2025 18:31	YP/AJ	Not Ok
31	Q3694-01MSD	PO115338.D	21 Nov 2025 18:50	YP/AJ	Not Ok
32	Q3694-02	PO115339.D	21 Nov 2025 19:08	YP/AJ	Dilution
33	AR1660CCC500	PO115340.D	21 Nov 2025 20:22	YP/AJ	Ok
34	AR1242CCC500	PO115341.D	21 Nov 2025 21:17	YP/AJ	Ok,M
35	AR1248CCC500	PO115342.D	21 Nov 2025 21:35	YP/AJ	Ok,M
36	AR1254CCC500	PO115343.D	21 Nov 2025 21:53	YP/AJ	Ok,M
37	I.BLK	PO115344.D	21 Nov 2025 22:12	YP/AJ	Ok
38	Q3694-03	PO115345.D	21 Nov 2025 22:30	YP/AJ	Ok
39	Q3694-04	PO115346.D	21 Nov 2025 22:49	YP/AJ	Ok,M
40	Q3694-05	PO115347.D	21 Nov 2025 23:07	YP/AJ	Ok
41	Q3694-06	PO115348.D	21 Nov 2025 23:26	YP/AJ	Ok
42	Q3694-07	PO115349.D	21 Nov 2025 23:44	YP/AJ	Ok,M
43	Q3694-08	PO115350.D	22 Nov 2025 00:02	YP/AJ	Ok,M
44	Q3694-09	PO115351.D	22 Nov 2025 00:21	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112125

Review By	rahul	Review On	11/21/2025 11:49:41 AM		
Supervise By	mohammad	Supervise On	11/27/2025 12:19:53 AM		
SubDirectory	PO112125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q3694-10	PO115352.D	22 Nov 2025 00:39	YP/AJ	Ok,M
46	Q3694-11	PO115353.D	22 Nov 2025 00:58	YP/AJ	Ok,M
47	Q3694-12	PO115354.D	22 Nov 2025 01:16	YP/AJ	Dilution
48	AR1660CCC500	PO115355.D	22 Nov 2025 02:30	YP/AJ	Ok,M
49	AR1242CCC500	PO115356.D	22 Nov 2025 03:25	YP/AJ	Ok,M
50	AR1248CCC500	PO115357.D	22 Nov 2025 03:43	YP/AJ	Ok
51	AR1254CCC500	PO115358.D	22 Nov 2025 04:02	YP/AJ	Not Ok
52	I.BLK	PO115359.D	22 Nov 2025 04:20	YP/AJ	Ok
53	Q3694-13	PO115360.D	22 Nov 2025 04:39	YP/AJ	Ok
54	Q3694-14	PO115361.D	22 Nov 2025 04:57	YP/AJ	Ok,M
55	Q3694-15	PO115362.D	22 Nov 2025 05:15	YP/AJ	Ok,M
56	Q3694-16	PO115363.D	22 Nov 2025 05:34	YP/AJ	Ok
57	Q3673-07DL	PO115364.D	22 Nov 2025 05:52	YP/AJ	Not Ok
58	AR1660CCC500	PO115365.D	22 Nov 2025 07:06	YP/AJ	Ok,M
59	AR1242CCC500	PO115366.D	22 Nov 2025 08:01	YP/AJ	Ok,M
60	AR1248CCC500	PO115367.D	22 Nov 2025 08:20	YP/AJ	Ok
61	AR1254CCC500	PO115368.D	22 Nov 2025 08:38	YP/AJ	Not Ok
62	I.BLK	PO115369.D	22 Nov 2025 08:56	YP/AJ	Ok
63	DDT ANALOG	PO115370.D	22 Nov 2025 09:15	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112525

Review By	rahul	Review On	11/25/2025 2:22:32 PM		
Supervise By	mohammad	Supervise On	11/27/2025 12:20:27 AM		
SubDirectory	PO112525	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO115387.D	25 Nov 2025 09:04	YP/AJ	Ok
2	AR1660CCC500	PO115388.D	25 Nov 2025 09:23	YP/AJ	Ok,M
3	AR1242CCC500	PO115389.D	25 Nov 2025 09:41	YP/AJ	Ok,M
4	AR1248CCC500	PO115390.D	25 Nov 2025 09:59	YP/AJ	Ok,M
5	AR1254CCC500	PO115391.D	25 Nov 2025 10:18	YP/AJ	Ok,M
6	I.BLK	PO115392.D	25 Nov 2025 10:36	YP/AJ	Ok,M
7	Q3673-07DL	PO115393.D	25 Nov 2025 10:58	YP/AJ	Dilution
8	Q3707-01	PO115394.D	25 Nov 2025 11:17	YP/AJ	Ok,M
9	Q3709-01	PO115395.D	25 Nov 2025 11:35	YP/AJ	Ok,M
10	Q3711-01	PO115396.D	25 Nov 2025 11:52	YP/AJ	Ok,M
11	Q3711-03	PO115397.D	25 Nov 2025 12:11	YP/AJ	Ok
12	Q3712-01	PO115398.D	25 Nov 2025 12:29	YP/AJ	Ok
13	Q3708-01	PO115399.D	25 Nov 2025 12:47	YP/AJ	Ok,M
14	Q3694-01DL	PO115400.D	25 Nov 2025 13:06	YP/AJ	Dilution
15	Q3694-01DL2	PO115401.D	25 Nov 2025 13:24	YP/AJ	Ok
16	Q3694-02DL	PO115402.D	25 Nov 2025 13:43	YP/AJ	Ok
17	AR1660CCC500	PO115403.D	25 Nov 2025 14:19	YP/AJ	Ok,M
18	AR1242CCC500	PO115404.D	25 Nov 2025 14:38	YP/AJ	Ok,M
19	AR1248CCC500	PO115405.D	25 Nov 2025 14:56	YP/AJ	Ok,M
20	AR1254CCC500	PO115406.D	25 Nov 2025 15:14	YP/AJ	Ok,M
21	I.BLK	PO115407.D	25 Nov 2025 15:33	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112525

Review By	rahul	Review On	11/25/2025 2:22:32 PM		
Supervise By	mohammad	Supervise On	11/27/2025 12:20:27 AM		
SubDirectory	PO112525	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB170725BL	PO115408.D	25 Nov 2025 15:51	YP/AJ	Ok,M
23	PB170725BS	PO115409.D	25 Nov 2025 16:09	YP/AJ	Ok,M
24	Q3694-12DL	PO115410.D	25 Nov 2025 16:28	YP/AJ	Ok
25	Q3694-01MS	PO115411.D	25 Nov 2025 16:46	YP/AJ	Not Ok
26	Q3694-01MSD	PO115412.D	25 Nov 2025 17:05	YP/AJ	Not Ok
27	Q3713-06	PO115413.D	25 Nov 2025 17:23	YP/AJ	Ok,M
28	Q3713-07	PO115414.D	25 Nov 2025 17:41	YP/AJ	Ok,M
29	Q3713-08	PO115415.D	25 Nov 2025 18:00	YP/AJ	Ok,M
30	Q3713-09	PO115416.D	25 Nov 2025 18:18	YP/AJ	Ok,M
31	Q3713-10	PO115417.D	25 Nov 2025 18:36	YP/AJ	Ok,M
32	AR1660CCC500	PO115418.D	25 Nov 2025 19:32	YP/AJ	Ok
33	AR1242CCC500	PO115419.D	25 Nov 2025 19:50	YP/AJ	Ok,M
34	AR1248CCC500	PO115420.D	25 Nov 2025 20:08	YP/AJ	Ok,M
35	AR1254CCC500	PO115421.D	25 Nov 2025 20:26	YP/AJ	Ok,M
36	I.BLK	PO115422.D	25 Nov 2025 20:45	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO120125

Review By	rahul	Review On	12/1/2025 1:24:10 PM		
Supervise By	mohammad	Supervise On	12/3/2025 12:24:17 AM		
SubDirectory	PO120125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO115464.D	01 Dec 2025 09:59	YP/AJ	Ok
2	AR1660CCC500	PO115465.D	01 Dec 2025 10:38	YP/AJ	Ok,M
3	AR1242CCC500	PO115466.D	01 Dec 2025 11:04	YP/AJ	Ok,M
4	AR1248CCC500	PO115467.D	01 Dec 2025 11:22	YP/AJ	Ok,M
5	AR1254CCC500	PO115468.D	01 Dec 2025 11:40	YP/AJ	Ok,M
6	I.BLK	PO115469.D	01 Dec 2025 11:59	YP/AJ	Ok,M
7	Q3694-01MS	PO115470.D	01 Dec 2025 12:19	YP/AJ	Ok,M
8	Q3694-01MSD	PO115471.D	01 Dec 2025 12:37	YP/AJ	Ok,M
9	Q3725-04	PO115472.D	01 Dec 2025 12:56	YP/AJ	Ok,M
10	Q3732-01	PO115473.D	01 Dec 2025 13:14	YP/AJ	Ok,M
11	Q3732-01MS	PO115474.D	01 Dec 2025 13:32	YP/AJ	Ok,M
12	Q3732-01MSD	PO115475.D	01 Dec 2025 13:51	YP/AJ	Ok,M
13	Q3733-01	PO115476.D	01 Dec 2025 14:09	YP/AJ	Ok,M
14	Q3735-01	PO115477.D	01 Dec 2025 14:27	YP/AJ	Ok,M
15	Q3740-01	PO115478.D	01 Dec 2025 14:46	YP/AJ	Ok,M
16	AR1660CCC500	PO115479.D	01 Dec 2025 16:17	YP/AJ	Ok,M
17	AR1242CCC500	PO115480.D	01 Dec 2025 16:36	YP/AJ	Ok,M
18	AR1248CCC500	PO115481.D	01 Dec 2025 16:54	YP/AJ	Ok,M
19	AR1254CCC500	PO115482.D	01 Dec 2025 17:13	YP/AJ	Ok,M
20	I.BLK	PO115483.D	01 Dec 2025 17:31	YP/AJ	Ok,M
21	PB170761BL	PO115484.D	01 Dec 2025 17:49	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO120125

Review By	rahul	Review On	12/1/2025 1:24:10 PM		
Supervise By	mohammad	Supervise On	12/3/2025 12:24:17 AM		
SubDirectory	PO120125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB170761BS	PO115485.D	01 Dec 2025 18:08	YP/AJ	Ok,M
23	PB170759BL	PO115486.D	01 Dec 2025 18:26	YP/AJ	Ok,M
24	PB170759BS	PO115487.D	01 Dec 2025 18:44	YP/AJ	Ok,M
25	Q3726-01	PO115488.D	01 Dec 2025 19:03	YP/AJ	Ok,M
26	Q3726-02	PO115489.D	01 Dec 2025 19:21	YP/AJ	Ok,M
27	Q3747-01	PO115490.D	01 Dec 2025 19:39	YP/AJ	Ok,M
28	Q3747-02	PO115491.D	01 Dec 2025 19:58	YP/AJ	Ok,M
29	Q3747-03	PO115492.D	01 Dec 2025 20:16	YP/AJ	Ok,M
30	AR1660CCC500	PO115493.D	02 Dec 2025 01:00	YP/AJ	Ok,M
31	AR1242CCC500	PO115494.D	02 Dec 2025 01:51	YP/AJ	Ok,M
32	AR1248CCC500	PO115495.D	02 Dec 2025 02:10	YP/AJ	Ok,M
33	AR1254CCC500	PO115496.D	02 Dec 2025 02:28	YP/AJ	Ok,M
34	I.BLK	PO115497.D	02 Dec 2025 02:46	YP/AJ	Ok,M
35	PB170774BL	PO115498.D	02 Dec 2025 03:05	YP/AJ	Ok,M
36	PB170774BS	PO115499.D	02 Dec 2025 03:23	YP/AJ	Ok,M
37	AR1660CCC500	PO115500.D	02 Dec 2025 05:07	YP/AJ	Ok,M
38	AR1242CCC500	PO115501.D	02 Dec 2025 05:44	YP/AJ	Ok,M
39	AR1248CCC500	PO115502.D	02 Dec 2025 06:02	YP/AJ	Ok,M
40	AR1254CCC500	PO115503.D	02 Dec 2025 06:20	YP/AJ	Ok,M
41	I.BLK	PO115504.D	02 Dec 2025 06:39	YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO114869.D	04 Nov 2025 09:03		YP/AJ	Ok
2	I.BLK	I.BLK	PO114870.D	04 Nov 2025 09:21		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO114871.D	04 Nov 2025 09:39		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO114872.D	04 Nov 2025 09:58		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO114873.D	04 Nov 2025 10:16		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO114874.D	04 Nov 2025 10:34		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO114875.D	04 Nov 2025 10:53		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO114876.D	04 Nov 2025 11:11		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO114877.D	04 Nov 2025 11:30		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO114878.D	04 Nov 2025 11:48		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO114879.D	04 Nov 2025 12:06		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO114880.D	04 Nov 2025 12:25		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO114881.D	04 Nov 2025 12:42		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO114882.D	04 Nov 2025 13:00		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO114883.D	04 Nov 2025 13:19		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO114884.D	04 Nov 2025 13:37		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO114885.D	04 Nov 2025 13:56		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO114886.D	04 Nov 2025 14:14		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO114887.D	04 Nov 2025 14:33		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO114888.D	04 Nov 2025 14:51		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO114889.D	04 Nov 2025 15:09		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO114890.D	04 Nov 2025 15:28		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO114891.D	04 Nov 2025 16:04		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO114892.D	04 Nov 2025 16:23		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO114893.D	04 Nov 2025 17:00		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO114894.D	04 Nov 2025 17:18		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO114895.D	04 Nov 2025 17:36		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO114896.D	04 Nov 2025 17:55		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO114897.D	04 Nov 2025 18:13		YP/AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PO114898.D	04 Nov 2025 18:31		YP/AJ	Ok
31	PO110425ICV500	ICVPO110425	PO114899.D	04 Nov 2025 19:08		YP/AJ	Ok
32	AR1242ICV500	ICVPO110425AR1242	PO114900.D	04 Nov 2025 20:21		YP/AJ	Ok,M
33	AR1248ICV500	ICVPO110425AR1248	PO114901.D	04 Nov 2025 20:58		YP/AJ	Ok
34	AR1254ICV500	ICVPO110425AR1254	PO114902.D	04 Nov 2025 21:35		YP/AJ	Ok
35	AR1268ICV500	ICVPO110425AR1268	PO114903.D	04 Nov 2025 22:12		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO114904.D	04 Nov 2025 22:48		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112125

Review By	rahul	Review On	11/21/2025 11:49:41 AM		
Supervise By	mohammad	Supervise On	11/27/2025 12:19:53 AM		
SubDirectory	PO112125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO115308.D	21 Nov 2025 08:38		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO115309.D	21 Nov 2025 08:57		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO115310.D	21 Nov 2025 09:22		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO115311.D	21 Nov 2025 09:40		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO115312.D	21 Nov 2025 09:59		YP/AJ	Ok,M
6	AR1268CCC500	AR1268CCC500	PO115313.D	21 Nov 2025 10:17		YP/AJ	Ok
7	I.BLK	I.BLK	PO115314.D	21 Nov 2025 10:35		YP/AJ	Ok
8	Q3666-02RE	BUR-25-0102	PO115315.D	21 Nov 2025 11:10	DCB high 1st column,TCMX high 2nd column	YP/AJ	Confirms
9	Q3673-05DL	C0AH0DL	PO115316.D	21 Nov 2025 11:28	AR1254+1260+1248 Hit	YP/AJ	Ok,M
10	Q3673-06DL	C0AH1DL	PO115317.D	21 Nov 2025 11:47	AR1254+1260 Hit	YP/AJ	Ok,M
11	Q3673-07DL2	C0AH2DL2	PO115318.D	21 Nov 2025 12:05	AR1242+1260 Hit	YP/AJ	Ok,M
12	Q3697-01	MOO-25-0331	PO115319.D	21 Nov 2025 12:23	AR1260 Hit	YP/AJ	Ok,M
13	Q3697-02	MOO-25-0332	PO115320.D	21 Nov 2025 12:42	DCB high 2nd column	YP/AJ	Ok
14	Q3697-03	MOO-25-0333	PO115321.D	21 Nov 2025 13:00	DCB high 2nd column	YP/AJ	Ok
15	Q3699-01	TR-04-112025	PO115322.D	21 Nov 2025 13:19	AR1260 Hit	YP/AJ	Ok
16	Q3699-03	TR-06-112025	PO115323.D	21 Nov 2025 13:37	AR1260 Hit	YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO115324.D	21 Nov 2025 14:32		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112125

Review By	rahul	Review On	11/21/2025 11:49:41 AM		
Supervise By	mohammad	Supervise On	11/27/2025 12:19:53 AM		
SubDirectory	PO112125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1242CCC500	AR1242CCC500	PO115325.D	21 Nov 2025 14:51		YP/AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PO115326.D	21 Nov 2025 15:09		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO115327.D	21 Nov 2025 15:27		YP/AJ	Ok,M
21	AR1268CCC500	AR1268CCC500	PO115328.D	21 Nov 2025 15:46		YP/AJ	Ok
22	I.BLK	I.BLK	PO115329.D	21 Nov 2025 16:04		YP/AJ	Ok
23	PB170688BL	PB170688BL	PO115330.D	21 Nov 2025 16:22		YP/AJ	Ok
24	PB170688BS	PB170688BS	PO115331.D	21 Nov 2025 16:41		YP/AJ	Ok,M
25	Q3693-11	C0AL4	PO115332.D	21 Nov 2025 16:59	AR1260 Hit	YP/AJ	Ok,M
26	Q3693-12	C0AL5	PO115333.D	21 Nov 2025 17:18	AR1260 Hit	YP/AJ	Ok,M
27	Q3693-13	C0AL6	PO115334.D	21 Nov 2025 17:36	AR1260 Hit	YP/AJ	Ok
28	Q3693-14	C0AL7	PO115335.D	21 Nov 2025 17:54	AR1254 Hit	YP/AJ	Ok
29	Q3694-01	C0AD8	PO115336.D	21 Nov 2025 18:13	AR1260 Hit,Need 10X,100X	YP/AJ	Dilution
30	Q3694-01MS	C0AD8MS	PO115337.D	21 Nov 2025 18:31	AR1260 Recovery fail	YP/AJ	Not Ok
31	Q3694-01MSD	C0AD8MSD	PO115338.D	21 Nov 2025 18:50	AR1260 Recovery fail and conc high	YP/AJ	Not Ok
32	Q3694-02	C0AE1	PO115339.D	21 Nov 2025 19:08	AR1260 Hit, Need 2X	YP/AJ	Dilution
33	AR1660CCC500	AR1660CCC500	PO115340.D	21 Nov 2025 20:22		YP/AJ	Ok
34	AR1242CCC500	AR1242CCC500	PO115341.D	21 Nov 2025 21:17		YP/AJ	Ok,M
35	AR1248CCC500	AR1248CCC500	PO115342.D	21 Nov 2025 21:35		YP/AJ	Ok,M
36	AR1254CCC500	AR1254CCC500	PO115343.D	21 Nov 2025 21:53	AR1254-03 & DCB high in 1st column	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112125

Review By	rahul	Review On	11/21/2025 11:49:41 AM		
Supervise By	mohammad	Supervise On	11/27/2025 12:19:53 AM		
SubDirectory	PO112125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	I.BLK	I.BLK	PO115344.D	21 Nov 2025 22:12		YP/AJ	Ok
38	Q3694-03	C0AE2	PO115345.D	21 Nov 2025 22:30	AR1260 Hit	YP/AJ	Ok
39	Q3694-04	C0AE3	PO115346.D	21 Nov 2025 22:49	AR1242+1260 Hit	YP/AJ	Ok,M
40	Q3694-05	C0AF3	PO115347.D	21 Nov 2025 23:07	AR1260 Hit	YP/AJ	Ok
41	Q3694-06	C0AF4	PO115348.D	21 Nov 2025 23:26	AR1260 Hit	YP/AJ	Ok
42	Q3694-07	C0AF5	PO115349.D	21 Nov 2025 23:44	AR1242+AR1254+AR1260 hit	YP/AJ	Ok,M
43	Q3694-08	C0AF6	PO115350.D	22 Nov 2025 00:02	AR1242+AR1260 hit	YP/AJ	Ok,M
44	Q3694-09	C0AL8	PO115351.D	22 Nov 2025 00:21	AR1260 Hit	YP/AJ	Ok,M
45	Q3694-10	C0AL9	PO115352.D	22 Nov 2025 00:39	AR1254+1260 Hit ,	YP/AJ	Ok,M
46	Q3694-11	C0AM0	PO115353.D	22 Nov 2025 00:58	AR1260 Hit	YP/AJ	Ok,M
47	Q3694-12	C0AM1	PO115354.D	22 Nov 2025 01:16	AR1260 Hit,Need 5X	YP/AJ	Dilution
48	AR1660CCC500	AR1660CCC500	PO115355.D	22 Nov 2025 02:30		YP/AJ	Ok,M
49	AR1242CCC500	AR1242CCC500	PO115356.D	22 Nov 2025 03:25		YP/AJ	Ok,M
50	AR1248CCC500	AR1248CCC500	PO115357.D	22 Nov 2025 03:43		YP/AJ	Ok
51	AR1254CCC500	AR1254CCC500	PO115358.D	22 Nov 2025 04:02	dcb & tcm high in both column	YP/AJ	Not Ok
52	I.BLK	I.BLK	PO115359.D	22 Nov 2025 04:20		YP/AJ	Ok
53	Q3694-13	C0AM2	PO115360.D	22 Nov 2025 04:39	AR1260 Hit	YP/AJ	Ok
54	Q3694-14	C0AM3	PO115361.D	22 Nov 2025 04:57	AR1260 Hit	YP/AJ	Ok,M
55	Q3694-15	C0AM4	PO115362.D	22 Nov 2025 05:15	AR1260 Hit	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112125

Review By	rahul	Review On	11/21/2025 11:49:41 AM		
Supervise By	mohammad	Supervise On	11/27/2025 12:19:53 AM		
SubDirectory	PO112125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

56	Q3694-16	C0AM5	PO115363.D	22 Nov 2025 05:34	AR1260 Hit	YP/AJ	Ok
57	Q3673-07DL	C0AH2DL	PO115364.D	22 Nov 2025 05:52		YP/AJ	Not Ok
58	AR1660CCC500	AR1660CCC500	PO115365.D	22 Nov 2025 07:06		YP/AJ	Ok,M
59	AR1242CCC500	AR1242CCC500	PO115366.D	22 Nov 2025 08:01		YP/AJ	Ok,M
60	AR1248CCC500	AR1248CCC500	PO115367.D	22 Nov 2025 08:20		YP/AJ	Ok
61	AR1254CCC500	AR1254CCC500	PO115368.D	22 Nov 2025 08:38	dcb & tcm high in both column	YP/AJ	Not Ok
62	I.BLK	I.BLK	PO115369.D	22 Nov 2025 08:56		YP/AJ	Ok
63	DDT ANALOG	DDT ANALOG	PO115370.D	22 Nov 2025 09:15		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112525

Review By	rahul	Review On	11/25/2025 2:22:32 PM		
Supervise By	mohammad	Supervise On	11/27/2025 12:20:27 AM		
SubDirectory	PO112525	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO115387.D	25 Nov 2025 09:04		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO115388.D	25 Nov 2025 09:23		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO115389.D	25 Nov 2025 09:41		YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO115390.D	25 Nov 2025 09:59		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO115391.D	25 Nov 2025 10:18		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO115392.D	25 Nov 2025 10:36		YP/AJ	Ok,M
7	Q3673-07DL	C0AH2DL	PO115393.D	25 Nov 2025 10:58	AR1242+1260 Hit, Need DILTION	YP/AJ	Dilution
8	Q3707-01	V933	PO115394.D	25 Nov 2025 11:17		YP/AJ	Ok,M
9	Q3709-01	LI-1-112125	PO115395.D	25 Nov 2025 11:35		YP/AJ	Ok,M
10	Q3711-01	VNJ-222	PO115396.D	25 Nov 2025 11:52		YP/AJ	Ok,M
11	Q3711-03	72-12017	PO115397.D	25 Nov 2025 12:11		YP/AJ	Ok
12	Q3712-01	JC-03-11212025	PO115398.D	25 Nov 2025 12:29		YP/AJ	Ok
13	Q3708-01	112025	PO115399.D	25 Nov 2025 12:47	TCMX high in first column	YP/AJ	Ok,M
14	Q3694-01DL	C0AD8DL	PO115400.D	25 Nov 2025 13:06	AR1260 hIt,Need more dilution	YP/AJ	Dilution
15	Q3694-01DL2	C0AD8DL2	PO115401.D	25 Nov 2025 13:24	AR1260 Hit	YP/AJ	Ok
16	Q3694-02DL	C0AE1DL	PO115402.D	25 Nov 2025 13:43	AR1260 Hit	YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO115403.D	25 Nov 2025 14:19		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112525

Review By	rahul	Review On	11/25/2025 2:22:32 PM		
Supervise By	mohammad	Supervise On	11/27/2025 12:20:27 AM		
SubDirectory	PO112525	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1242CCC500	AR1242CCC500	PO115404.D	25 Nov 2025 14:38		YP/AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PO115405.D	25 Nov 2025 14:56		YP/AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PO115406.D	25 Nov 2025 15:14		YP/AJ	Ok,M
21	I.BLK	I.BLK	PO115407.D	25 Nov 2025 15:33		YP/AJ	Ok,M
22	PB170725BL	PB170725BL	PO115408.D	25 Nov 2025 15:51		YP/AJ	Ok,M
23	PB170725BS	PB170725BS	PO115409.D	25 Nov 2025 16:09		YP/AJ	Ok,M
24	Q3694-12DL	C0AM1DL	PO115410.D	25 Nov 2025 16:28	AR1260 Hit	YP/AJ	Ok
25	Q3694-01MS	C0AD8MS	PO115411.D	25 Nov 2025 16:46	AR1260 recovery fail	YP/AJ	Not Ok
26	Q3694-01MSD	C0AD8MSD	PO115412.D	25 Nov 2025 17:05	AR1260 recovery fail , RPD FAIL , SURROGATE FAIL, MS,MSD not match	YP/AJ	Not Ok
27	Q3713-06	6	PO115413.D	25 Nov 2025 17:23	AR1254 hit	YP/AJ	Ok,M
28	Q3713-07	7	PO115414.D	25 Nov 2025 17:41	AR1254 hit	YP/AJ	Ok,M
29	Q3713-08	8	PO115415.D	25 Nov 2025 18:00	AR1254 hit	YP/AJ	Ok,M
30	Q3713-09	9	PO115416.D	25 Nov 2025 18:18	AR1254 hit	YP/AJ	Ok,M
31	Q3713-10	10	PO115417.D	25 Nov 2025 18:36	AR1254 hit	YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO115418.D	25 Nov 2025 19:32		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO115419.D	25 Nov 2025 19:50		YP/AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PO115420.D	25 Nov 2025 20:08		YP/AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PO115421.D	25 Nov 2025 20:26	DCB high in 1st column	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112525

Review By	rahul	Review On	11/25/2025 2:22:32 PM		
Supervise By	mohammad	Supervise On	11/27/2025 12:20:27 AM		
SubDirectory	PO112525	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	I.BLK	I.BLK	PO115422.D	25 Nov 2025 20:45		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO120125

Review By	rahul	Review On	12/1/2025 1:24:10 PM		
Supervise By	mohammad	Supervise On	12/3/2025 12:24:17 AM		
SubDirectory	PO120125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO115464.D	01 Dec 2025 09:59		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO115465.D	01 Dec 2025 10:38		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO115466.D	01 Dec 2025 11:04		YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO115467.D	01 Dec 2025 11:22		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO115468.D	01 Dec 2025 11:40		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO115469.D	01 Dec 2025 11:59		YP/AJ	Ok,M
7	Q3694-01MS	C0AD8MS	PO115470.D	01 Dec 2025 12:19	recovery fail for AR1260	YP/AJ	Ok,M
8	Q3694-01MSD	C0AD8MSD	PO115471.D	01 Dec 2025 12:37	recovery fail for AR1260	YP/AJ	Ok,M
9	Q3725-04	STOCKPILE-SAMPLES	PO115472.D	01 Dec 2025 12:56		YP/AJ	Ok,M
10	Q3732-01	HD-01-11-26-2025	PO115473.D	01 Dec 2025 13:14		YP/AJ	Ok,M
11	Q3732-01MS	HD-01-11-26-2025MS	PO115474.D	01 Dec 2025 13:32		YP/AJ	Ok,M
12	Q3732-01MSD	HD-01-11-26-2025MSD	PO115475.D	01 Dec 2025 13:51	RPD fail for AR1260	YP/AJ	Ok,M
13	Q3733-01	SU-04-11-26-2025	PO115476.D	01 Dec 2025 14:09		YP/AJ	Ok,M
14	Q3735-01	BU-3-112625	PO115477.D	01 Dec 2025 14:27		YP/AJ	Ok,M
15	Q3740-01	WC1	PO115478.D	01 Dec 2025 14:46		YP/AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PO115479.D	01 Dec 2025 16:17		YP/AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PO115480.D	01 Dec 2025 16:36		YP/AJ	Ok,M
18	AR1248CCC500	AR1248CCC500	PO115481.D	01 Dec 2025 16:54		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO120125

Review By	rahul	Review On	12/1/2025 1:24:10 PM		
Supervise By	mohammad	Supervise On	12/3/2025 12:24:17 AM		
SubDirectory	PO120125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1254CCC500	AR1254CCC500	PO115482.D	01 Dec 2025 17:13		YP/AJ	Ok,M
20	I.BLK	I.BLK	PO115483.D	01 Dec 2025 17:31		YP/AJ	Ok,M
21	PB170761BL	PB170761BL	PO115484.D	01 Dec 2025 17:49		YP/AJ	Ok,M
22	PB170761BS	PB170761BS	PO115485.D	01 Dec 2025 18:08		YP/AJ	Ok,M
23	PB170759BL	PB170759BL	PO115486.D	01 Dec 2025 18:26		YP/AJ	Ok,M
24	PB170759BS	PB170759BS	PO115487.D	01 Dec 2025 18:44		YP/AJ	Ok,M
25	Q3726-01	112125-A	PO115488.D	01 Dec 2025 19:03	AR1248 hits	YP/AJ	Ok,M
26	Q3726-02	112125-B	PO115489.D	01 Dec 2025 19:21	AR1248 hits	YP/AJ	Ok,M
27	Q3747-01	1	PO115490.D	01 Dec 2025 19:39		YP/AJ	Ok,M
28	Q3747-02	2	PO115491.D	01 Dec 2025 19:58		YP/AJ	Ok,M
29	Q3747-03	3	PO115492.D	01 Dec 2025 20:16	AR1254 hits	YP/AJ	Ok,M
30	AR1660CCC500	AR1660CCC500	PO115493.D	02 Dec 2025 01:00		YP/AJ	Ok,M
31	AR1242CCC500	AR1242CCC500	PO115494.D	02 Dec 2025 01:51		YP/AJ	Ok,M
32	AR1248CCC500	AR1248CCC500	PO115495.D	02 Dec 2025 02:10		YP/AJ	Ok,M
33	AR1254CCC500	AR1254CCC500	PO115496.D	02 Dec 2025 02:28		YP/AJ	Ok,M
34	I.BLK	I.BLK	PO115497.D	02 Dec 2025 02:46		YP/AJ	Ok,M
35	PB170774BL	PB170774BL	PO115498.D	02 Dec 2025 03:05		YP/AJ	Ok,M
36	PB170774BS	PB170774BS	PO115499.D	02 Dec 2025 03:23		YP/AJ	Ok,M
37	AR1660CCC500	AR1660CCC500	PO115500.D	02 Dec 2025 05:07		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO120125

Review By	rahul	Review On	12/1/2025 1:24:10 PM		
Supervise By	mohammad	Supervise On	12/3/2025 12:24:17 AM		
SubDirectory	PO120125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	AR1242CCC500	AR1242CCC500	PO115501.D	02 Dec 2025 05:44		YP/AJ	Ok,M
39	AR1248CCC500	AR1248CCC500	PO115502.D	02 Dec 2025 06:02		YP/AJ	Ok,M
40	AR1254CCC500	AR1254CCC500	PO115503.D	02 Dec 2025 06:20		YP/AJ	Ok,M
41	I.BLK	I.BLK	PO115504.D	02 Dec 2025 06:39		YP/AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 11/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137989

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
Q3693-01	C0AJ7	1	1.14	10.66	11.8	10.07	83.8	
Q3693-02	C0AK5	2	1.16	10.63	11.79	10.03	83.4	
Q3693-03	C0AK6	3	1.18	10.50	11.68	9.9	83.0	
Q3693-04	C0AK7	4	1.18	10.08	11.26	9.59	83.4	
Q3693-05	C0AK8	5	1.18	10.64	11.82	10.09	83.7	
Q3693-06	C0AK9	6	1.15	10.54	11.69	9.92	83.2	
Q3693-07	C0AL0	7	1.14	10.64	11.78	10.00	83.3	
Q3693-08	C0AL1	8	1.19	10.51	11.7	9.94	83.3	
Q3693-09	C0AL2	9	1.19	10.17	11.36	9.71	83.8	
Q3693-10	C0AL3	10	1.13	10.62	11.75	10.08	84.3	
Q3693-11	C0AL4	11	1.14	10.32	11.46	9.79	83.8	
Q3693-12	C0AL5	12	1.15	10.10	11.25	9.66	84.3	
Q3693-13	C0AL6	13	1.19	10.58	11.77	9.86	81.9	
Q3693-14	C0AL7	14	1.11	10.63	11.74	9.65	80.3	
Q3694-01	C0AD8	15	1.16	10.48	11.64	9.64	80.9	
Q3694-02	C0AE1	16	1.19	10.28	11.47	9.83	84.0	
Q3694-03	C0AE2	17	1.11	10.78	11.89	9.69	79.6	
Q3694-04	C0AE3	18	1.19	10.73	11.92	10.06	82.7	
Q3694-05	C0AF3	19	1.17	10.38	11.55	9.6	81.2	
Q3694-06	C0AF4	20	1.16	10.51	11.67	9.63	80.6	
Q3694-07	C0AF5	21	1.18	9.98	11.16	9.28	81.2	
Q3694-07D	C0AF5DUP	22	1.19	9.99	11.18	9.3	81.2	
Q3694-08	C0AF6	23	1.19	10.40	11.59	9.74	82.2	
Q3694-09	C0AL8	24	1.19	10.53	11.72	10.11	84.7	
Q3694-10	C0AL9	25	1.19	11.00	12.19	10.34	83.2	
Q3694-11	C0AM0	26	1.15	10.53	11.68	10.1	85.0	
Q3694-12	C0AM1	27	1.16	10.66	11.82	9.87	81.7	
Q3694-13	C0AM2	28	1.18	10.80	11.98	9.35	75.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 11/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137989

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
Q3694-14	C0AM3	29	1.19	10.62	11.81	9.3	76.4	
Q3694-15	C0AM4	30	1.12	10.43	11.55	8.94	75.0	
Q3694-16	C0AM5	31	1.19	10.89	12.08	9.37	75.1	
Q3697-01	MOO-25-0331	32	1.14	10.52	11.66	10.26	86.7	
Q3697-02	MOO-25-0332	33	1.00	1.00	2.00	2.00	100.0	debris
Q3697-03	MOO-25-0333	34	1.00	1.00	2.00	2.00	100.0	debris
Q3699-01	TR-04-112025	35	1.14	10.56	11.7	10.77	91.2	
Q3699-02	TR-04-112025-E2	36	1.16	10.65	11.81	10.6	88.6	
Q3699-03	TR-06-112025	37	1.14	11.57	12.71	11.69	91.2	
Q3699-04	TR-06-112025-E2	38	1.13	10.69	11.82	10.7	89.5	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

Q3694-PCB

WORKLIST(Hardcopy Internal Chain)

VB 137989

WorkList Name : %1-112025 **WorkList ID :** 193244 **Department :** Wet-Chemistry **Date :** 11-20-2025 09:02:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3693-01	C0AJ7	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-02	C0AK5	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-03	C0AK6	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-04	C0AK7	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-05	C0AK8	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-06	C0AK9	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-07	C0AL0	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-08	C0AL1	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-09	C0AL2	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-10	C0AL3	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-11	C0AL4	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-12	C0AL5	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-13	C0AL6	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-14	C0AL7	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3694-01	C0AD8	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3694-02	C0AE1	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-03	C0AE2	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-04	C0AE3	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-05	C0AF3	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-06	C0AF4	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-07	C0AF5	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO

646 of 743

Date/Time 11/20/25 15:00

Raw Sample Received by: TSB (WC)

Raw Sample Relinquished by: CP

Date/Time 11/20/25 17:20

Raw Sample Received by: CP

Raw Sample Relinquished by: TSB (WC)

WORKLIST(Hardcopy Internal Chain)

VB 137989

WorkList Name : %1-112025 **WorkList ID :** 193244 **Department :** Wet-Chemistry **Date :** 11-20-2025 09:02:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3694-08	C0AF6	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-09	C0AL8	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-10	C0AL9	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-11	C0AM0	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-12	C0AM1	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-13	C0AM2	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-14	C0AM3	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-15	C0AM4	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-16	C0AM5	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3697-01	MOO-25-0331	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/20/2025	Chemtech -SO
Q3697-02	MOO-25-0332	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/20/2025	Chemtech -SO
Q3697-03	MOO-25-0333	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/20/2025	Chemtech -SO
Q3699-01	TR-04-112025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/20/2025	Chemtech -SO
Q3699-02	TR-04-112025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/20/2025	Chemtech -SO
Q3699-03	TR-06-112025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/20/2025	Chemtech -SO
Q3699-04	TR-06-112025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/20/2025	Chemtech -SO

Date/Time 11/20/25 15:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 11/20/25 17:20

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170688

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 11/21/2025

Extraction Start Time : 10:09

Extraction End Date : 11/21/2025

Extraction End Time : 13:10

Concentration By: EH

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	PP24930
Surrogate	1.0ML	200 PPB	PP25072
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	EP2660
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Hexane	N/A	E3988
H2SO4 1:1	N/A	EP2657
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:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/21/25	RS (Ext lab)	Rel Pest PCB
13:15	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170688

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/21/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170688BL	ABLK688	PCB	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170688BS	ALCS688	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q3694-01	C0AD8	PCB	30.04	N/A	ritesh	Evelyn	10			3
Q3694-01MS	C0AD8MS	PCB	30.09	N/A	ritesh	Evelyn	10			4
Q3694-01MSD	C0AD8MSD	PCB	30.07	N/A	ritesh	Evelyn	10			5
Q3694-02	C0AE1	PCB	30.03	N/A	ritesh	Evelyn	10			6
Q3694-03	C0AE2	PCB	30.05	N/A	ritesh	Evelyn	10			U2-1
Q3694-04	C0AE3	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q3694-05	C0AF3	PCB	30.04	N/A	ritesh	Evelyn	10			3
Q3694-06	C0AF4	PCB	30.01	N/A	ritesh	Evelyn	10			4
Q3694-07	C0AF5	PCB	30.09	N/A	ritesh	Evelyn	10			5
Q3694-08	C0AF6	PCB	30.06	N/A	ritesh	Evelyn	10			6
Q3694-09	C0AL8	PCB	30.08	N/A	ritesh	Evelyn	10			U3-1
Q3694-10	C0AL9	PCB	30.04	N/A	ritesh	Evelyn	10			2
Q3694-11	C0AM0	PCB	30.07	N/A	ritesh	Evelyn	10			3
Q3694-12	C0AM1	PCB	30.03	N/A	ritesh	Evelyn	10			4
Q3694-13	C0AM2	PCB	30.08	N/A	ritesh	Evelyn	10			5
Q3694-14	C0AM3	PCB	30.05	N/A	ritesh	Evelyn	10			6
Q3694-15	C0AM4	PCB	30.09	N/A	ritesh	Evelyn	10			U6-1
Q3694-16	C0AM5	PCB	30.06	N/A	ritesh	Evelyn	10			2

RS 11/21

* **Extracts relinquished on the same date as received.**

Q3694-PCB

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3694 **WorkList ID :** 193294 **Department :** Extraction **Date :** 11-21-2025 10:03:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3694-01	C0AD8	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-02	C0AE1	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-03	C0AE2	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-04	C0AE3	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-05	C0AF3	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-06	C0AF4	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-07	C0AF5	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-08	C0AF6	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-09	C0AL8	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-10	C0AL9	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-11	C0AM0	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-12	C0AM1	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-13	C0AM2	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-14	C0AM3	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-15	C0AM4	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A
Q3694-16	C0AM5	Solid	PCB	Cool 4 deg C	TETR16	D41	11/20/2025	8082A

Date/Time 11/21/25 10:05
Raw Sample Received by: RJ (EX-lab)
Raw Sample Relinquished by: SM

Date/Time 11/21/25 10:40
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (EX-lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q3694

Test : PCB

Prepbatch ID : PB170688,

Sequence ID/Qc Batch ID: PO112125,PO112525,PO120125,

Standard ID :
EP2657,EP2660,EP2663,PP24329,PP24330,PP24381,PP24805,PP24806,PP24807,PP24808,PP24809,PP24810,PP24811,PP24812,PP24814,PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862,PP24930,PP25072,

Chemical ID :
E3804,E3875,E3951,E3962,E3963,E3972,E3982,E3988,M6186,P11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13789,P13833,P13879,P13881,P13885,P14240,W3112,W3177,W3234,

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Fax : 908 789 8922

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2657	11/03/2025	05/03/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM 1000.00000ml of M6186 + 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	EP2660	11/03/2025	05/03/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM

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Fax : 908 789 8922

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2663	11/20/2025	05/20/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 11/20/2025

FROM 4000.00000gram of E3875 = 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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Fax : 908 789 8922

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
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24805	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13789 + 9.00000ml of E3962 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP24806	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13375 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

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

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	PP24807	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13879 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP24808	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13706 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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
216	AR1248 1000 PPB WORKING STD	PP24809	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13695 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP24810	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P11592 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

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

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	PP24811	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13881 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP24812	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.10000ml of P13885 + 99.40000ml of E3962 + 0.50000ml of PP24805 = 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
404	AR1660 100 PPM Stock Solution 2nd Source	PP24814	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12952 + 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	PP24815	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 98.50000ml of E3962 + 0.50000ml of PP24805 + 1.00000ml of PP24814 = 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
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24816	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13373 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24817	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12700 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24818	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13590 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24819	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13592 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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
2193	AR1254 100 PPM STOCK SOLUTION	PP24820	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13833 + 9.00000ml of E3963 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP24821	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12703 + 98.50000ml of E3962 + 0.50000ml of PP24805 = 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
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24822	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P11522 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP24823	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 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	PP24824	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 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	PP24825	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 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	PP24826	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24824 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP24827	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24806 = 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
222	AR1221 500 PPB STD	PP24828	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24806 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP24829	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24806 = 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
1081	AR1221 50 PPB STD	PP24830	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24828 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP24831	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24807 = 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	PP24832	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24807 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP24833	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24807 = 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	PP24834	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24832 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP24835	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24808 = 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
224	AR1242 500 PPB STD	PP24836	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24808 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP24837	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24808 = 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
1069	AR1242 50 PPB STD	PP24838	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24836 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP24839	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24809 = 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	PP24840	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24809 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP24841	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24809 = 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	PP24842	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24840 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP24843	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24810 = 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
226	AR1254 500 PPB STD	PP24844	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24810 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP24845	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24810 = 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
1073	AR1254 50 PPB STD	PP24846	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24844 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP24847	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24811 = 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	PP24848	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24811 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP24849	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24811 = 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	PP24850	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24848 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP24851	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24812 = 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
1533	AR1268 500 PPB STD	PP24852	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24812 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP24853	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24812 = 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
3822	AR1268 50 PPB STD	PP24854	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24852 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP24855	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24815 = 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
3790	AR1221 500 PPB ICV(AGILENT)	PP24856	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24816 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP24857	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24817 = 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
1891	AR1242 500 PPB ICV	PP24858	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24818 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP24859	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24819 = 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
1894	AR1254 500 PPB ICV	PP24860	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP24861	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24821 = 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
3823	AR1268 500 PPB STD ICV	PP24862	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24822 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24930	09/18/2025	03/18/2026	Abdul Mirza	None	None	Yogesh Patel 09/19/2025

FROM 0.50000ml of P12953 + 99.50000ml of E3972 = 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
465	200 PPB Pest/PCB Surrogate Spike	PP25072	11/19/2025	05/19/2026	Abdul Mirza	None	None	Rahul Chavli 11/27/2025

FROM 1.00000ml of P14240 + 999.00000ml of E3982 = Final Quantity: 1000.000 ml

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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	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	02/18/2026	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 #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	07/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

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)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

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	04/30/2026	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

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	02/15/2026	08/15/2025 / RUPESH	08/07/2025 / RUPESH	E3963

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)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24L1062001	10/04/2027	10/31/2025 / RUPESH	10/31/2025 / RUPESH	E3982

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)	25G1662002	05/21/2026	11/21/2025 / RUPESH	11/19/2025 / RUPESH	E3988

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)	23D2462010	07/12/2026	08/13/2025 / Sagar	08/06/2025 / Sagar	M6186

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 #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	02/18/2026	08/18/2025 / yogesh	03/18/2022 / Abdul	P11592

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	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12700

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CHEMICAL RECEIPT LOG BOOK

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	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12703

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	02/18/2026	08/18/2025 / yogesh	12/20/2023 / Yogesh	P12952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	03/18/2026	09/18/2025 / Abdul	12/20/2023 / Yogesh	P12953

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	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

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

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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	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0207511	02/18/2026	08/18/2025 / yogesh	05/03/2024 / Abdul	P13375

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13590

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13592

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	A0214733	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13695

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	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	A0210232	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13706

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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 #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	02/18/2026	08/18/2025 / yogesh	11/19/2024 / Ankita	P13789

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	02/18/2026	08/18/2025 / yogesh	12/09/2024 / Ankita	P13833

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	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13879

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	A0217041	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13881

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	A0217264	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13885

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	A0214495	05/19/2026	11/19/2025 / Abdul	11/19/2025 / Abdul	P14240

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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	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

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	04/30/2026	07/28/2025 / jignesh	07/25/2025 / jignesh	W3234

Acetone
CMOS

avantor™ | J.T.Baker®

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

avantor™ | J.T.Baker®

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

avantor™ | J.T.Baker®

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

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
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:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
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%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
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%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
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.

RE-02-01, Ed. 3

E 3875

VWR® BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

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

Recieved on 7/30/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3962

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

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

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

Recieved on 8/6/25

E 3963

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
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Page 1 of 1

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 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 %	0.2 %
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

E3972

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date:2027-10-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.1
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.3 %
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

Received on 10/29/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3982

J Croak
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

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

M6186

Recien Date 8- 08/06/25

Material No.: 9673-33
Batch No.: 23D2462010
Manufactured Date: 2023-03-22
Retest Date: 2028-03-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.1 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Substances Reducing Permanganate (as SO2)	≤ 2 ppm	< 2 ppm
Ammonium (NH_4)	≤ 1 ppm	1 ppm
Chloride (Cl)	≤ 0.1 ppm	< 0.1 ppm
Nitrate (NO_3)	≤ 0.2 ppm	< 0.1 ppm
Phosphate (PO_4)	≤ 0.5 ppm	< 0.1 ppm
Trace Impurities - Aluminum (Al)	≤ 30.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	8.5 ppb
Trace Impurities - Cadmium (Cd)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities - Chromium (Cr)	≤ 6.0 ppb	< 0.4 ppb
Trace Impurities - Cobalt (Co)	≤ 0.5 ppb	< 0.3 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gold (Au)	≤ 10.0 ppb	0.5 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Trace Impurities - Iron (Fe)	≤ 50.0 ppb	1.3 ppb
Trace Impurities - Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
Trace Impurities - Magnesium (Mg)	≤ 7.0 ppb	0.8 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Nickel (Ni)	≤ 2.0 ppb	0.3 ppb
Trace Impurities - Potassium (K)	≤ 500.0 ppb	< 2.0 ppb
Trace Impurities - Selenium (Se)	≤ 50.0 ppb	< 0.1 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	31.5 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

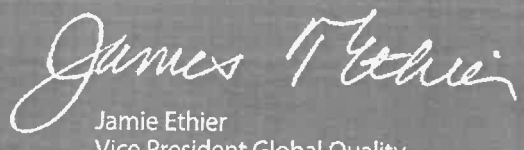
avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 23D2462010

Test	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	5.4 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.4 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 286 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
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437 µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284 µg/mL	Unstressed
	Purity ----%		+/- 41.4406 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | 5

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

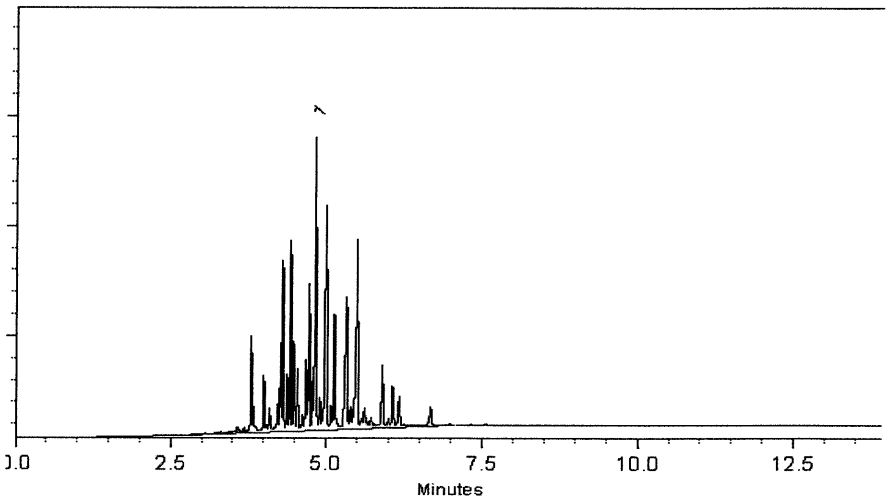
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refe

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

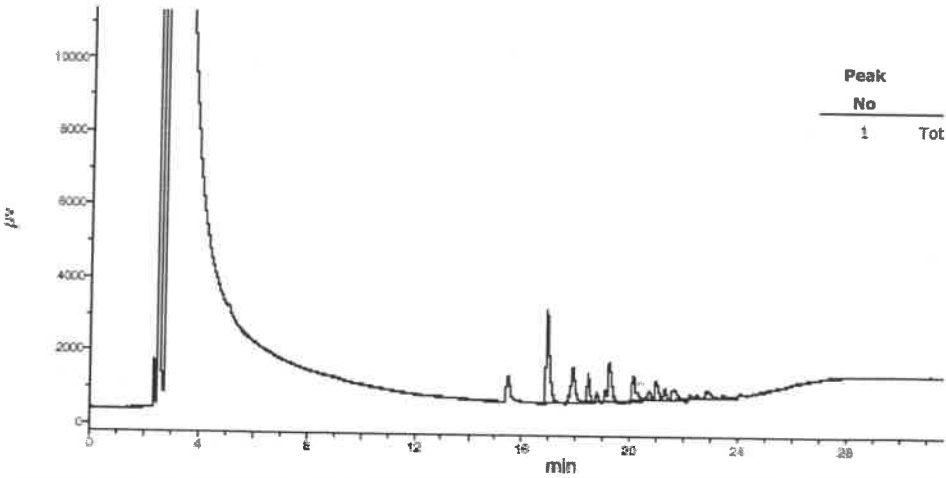
Solvent/ Acet

Weight(s) shown below were combined and diluted to (mL): 100.0 — 5E-05 Balance Uncertainty; 0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ 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



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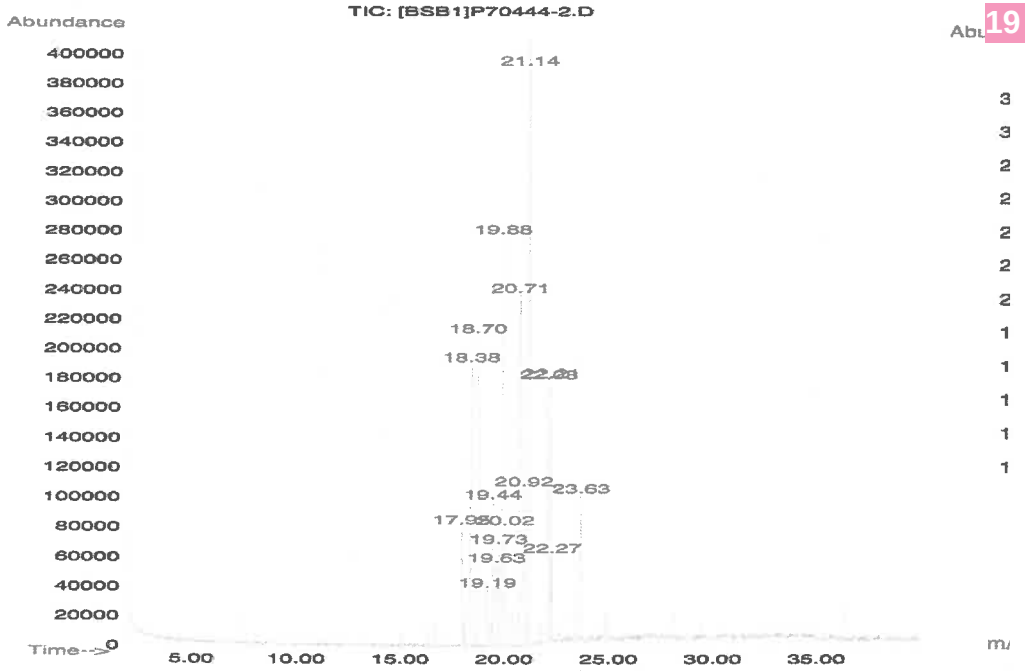
Certified Refere

CERTIFIED WEIGHT REPORT

Part Number:	X9166	**Solvent(s):**	
Lot Number:	060523	Methanol	E
Description:	Aroclor 1262 Appendix IX Compound		
Expiration Date:	060533		
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	0.002	Flask Uncertainty

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)
1. Aroclor 1262	70444	080322	0.10	2.00	0.017

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickn
min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.



- The certified value is the concentration calculated from gravimetric and volumetric me
- Standards are prepared gravimetrically using balances that are calibrated with weight
- 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 appro
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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AR-1539 Certificate Number
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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): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

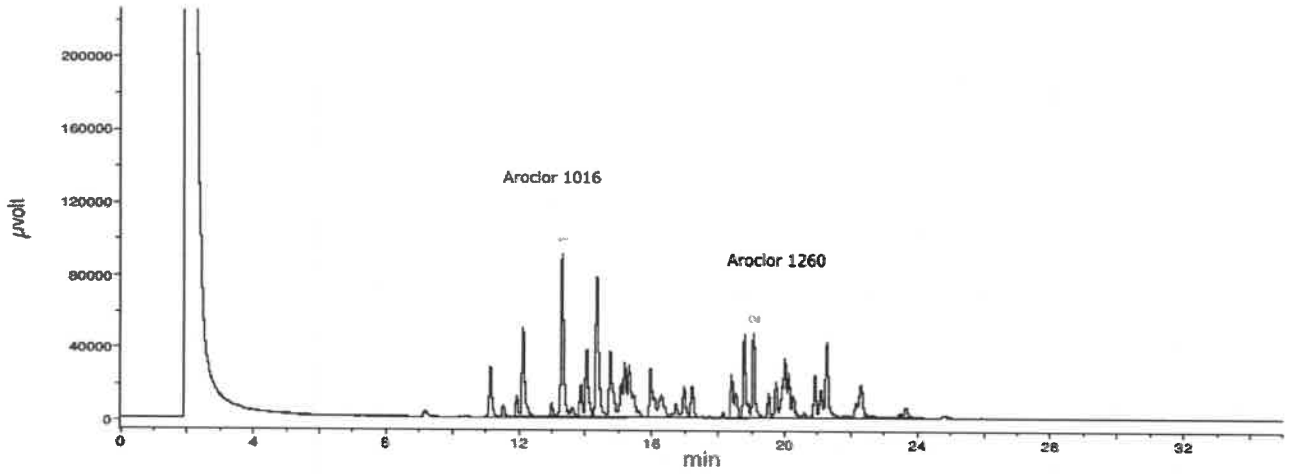
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

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



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AR-1539 Certificate Number
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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): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

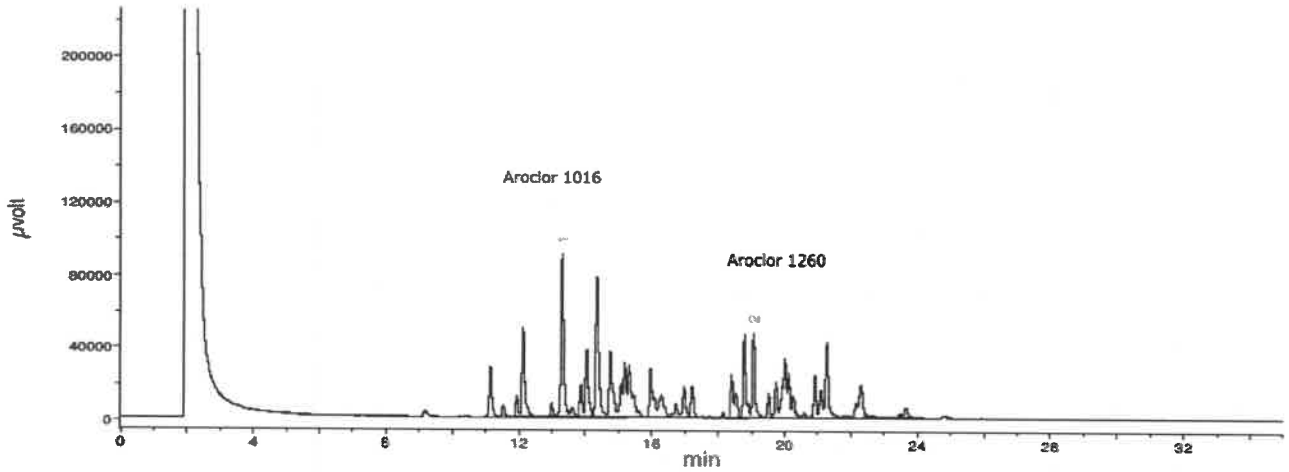
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

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



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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

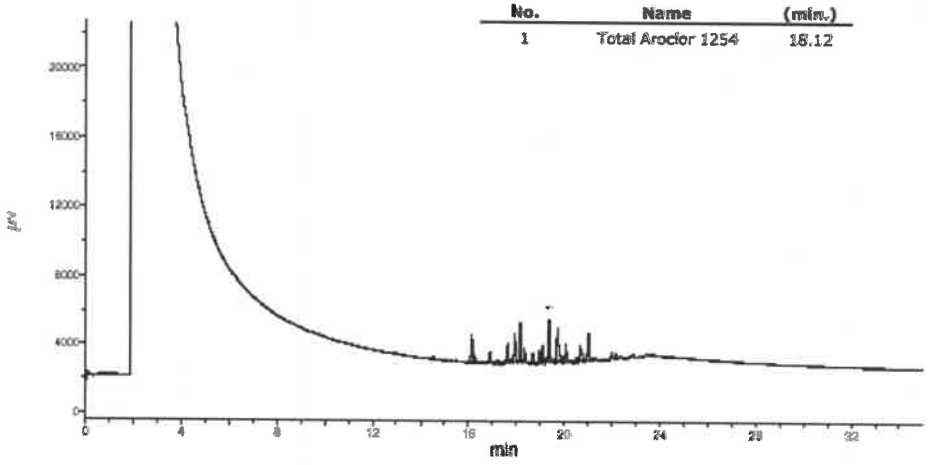
Note: Aroclor 1254 is a mix of isomers.

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



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.

P13348 (10) → P13357

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

04/25/2024

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.)

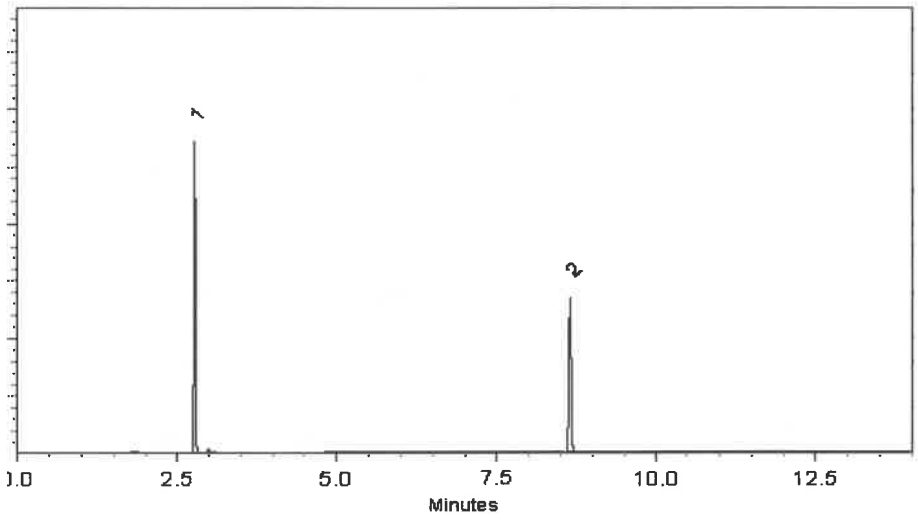
Inj. Temp:
250°C

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

RESTEK
110 Benner Circle
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

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. : 32007 **Lot No.:** A0207511

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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 1221	11104-28-2	13192500	----%	1,002.7 µg/mL	+/- 55.6424

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13374 (2)
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P 13375
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.)

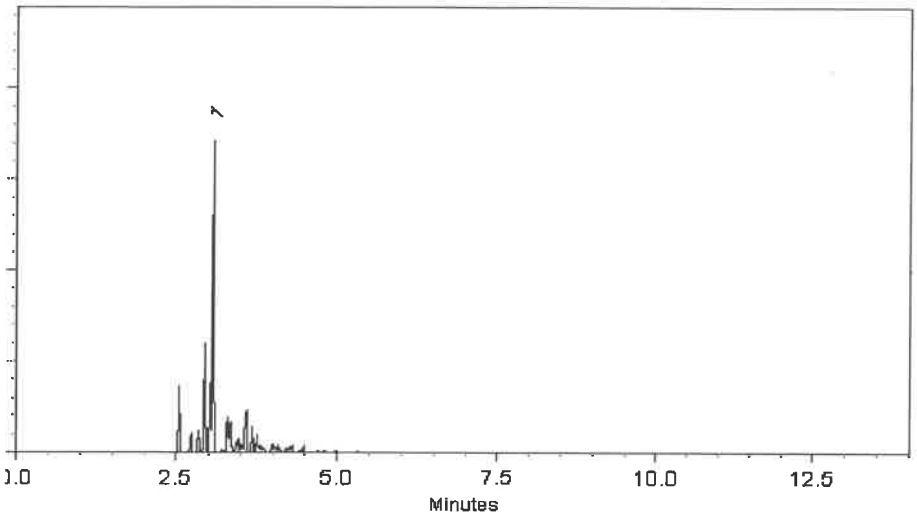
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
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: 06-Feb-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Feb-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13374 (2)
↓
P13375

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

Component Name	CERTIFIED VALUES 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 ↓ P13590

AJ 10/14/24

CSD-QA-015.1

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 ↓ P13592

AJ 10/14/2024

Agilent

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

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

www.agilent.com/quality/
CSD-QA-015.1

ISO 17025

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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. : 32010 **Lot No.:** A0214733

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

P13695
P13696
Y.P.
10/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 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	15242800	----%	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.)

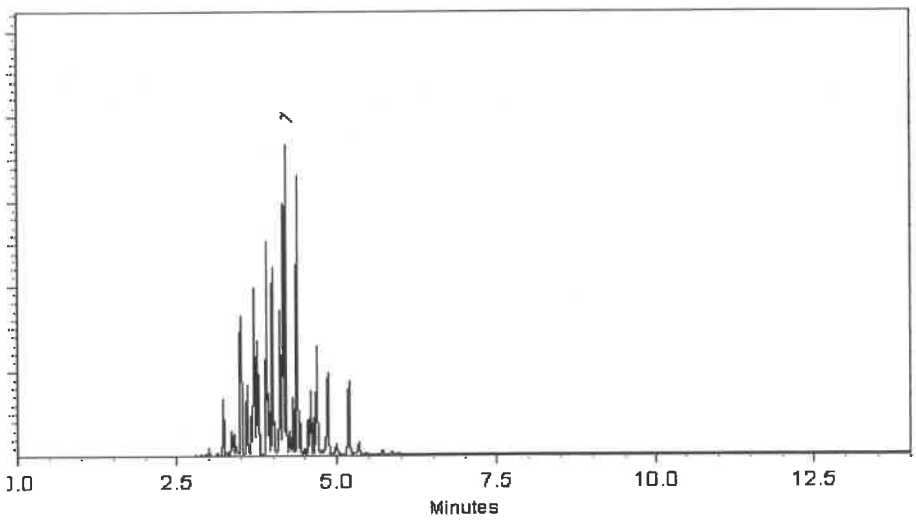
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
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.

Rebecca Gingerich - Operations Tech II

Date Mixed: 02-Aug-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-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.

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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.)

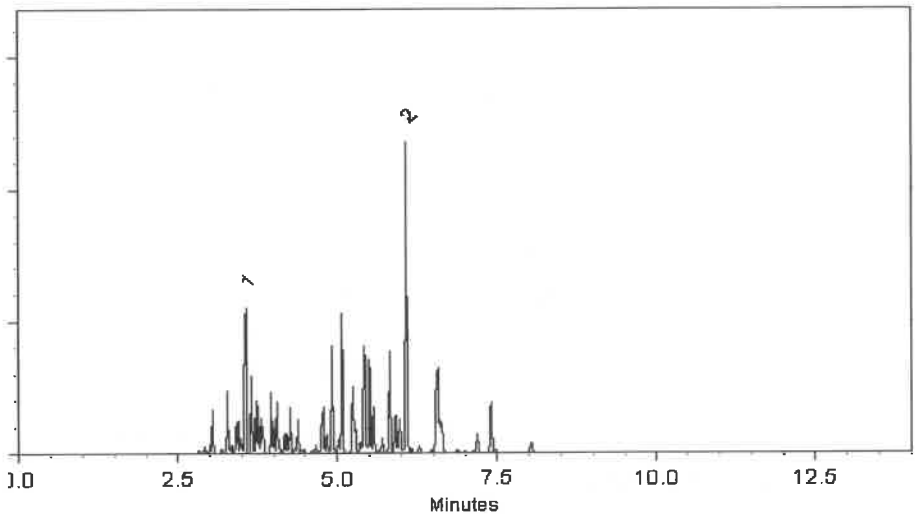
Inj. Temp:
250°C

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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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.:** A0210232

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

P13706
P13707
Y.P. 10/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 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 1242	53469-21-9	01141	----%	1,000.7 µg/mL	+/- 55.5295

* 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.)

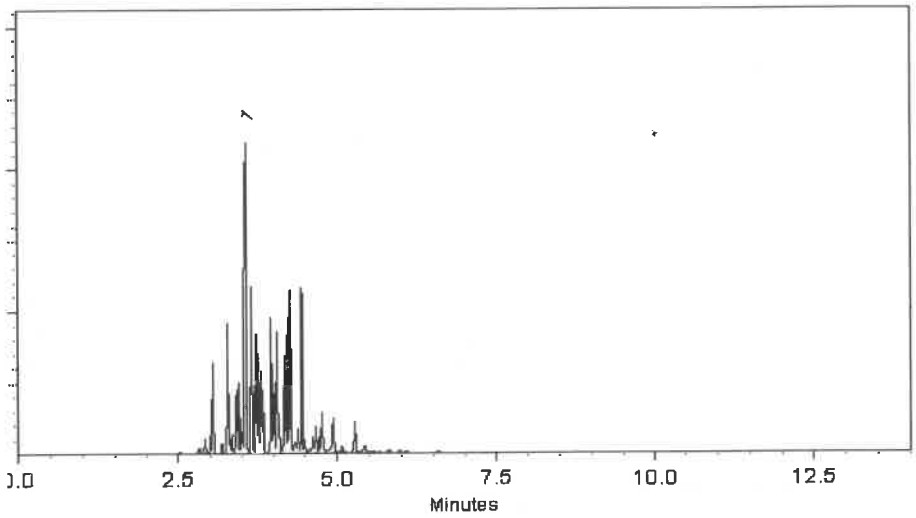
Inj. Temp:
250°C

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.

Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024 **Balance Serial #** B442140311

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 17-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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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. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785 ↓ P19789 AJ 11/19/24

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%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* 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:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

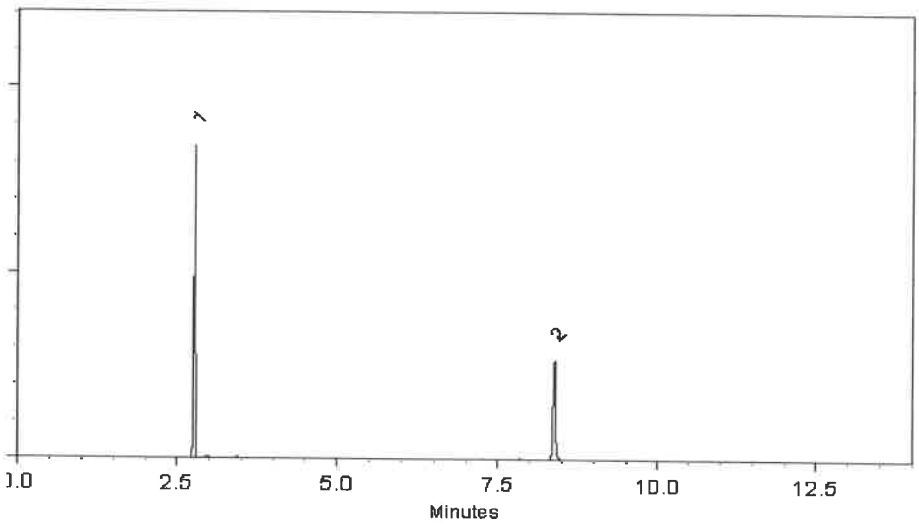
Inj. Temp:
250°C

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.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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 AJ 12/09/24
↓
P13832
↓
P13834

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.)

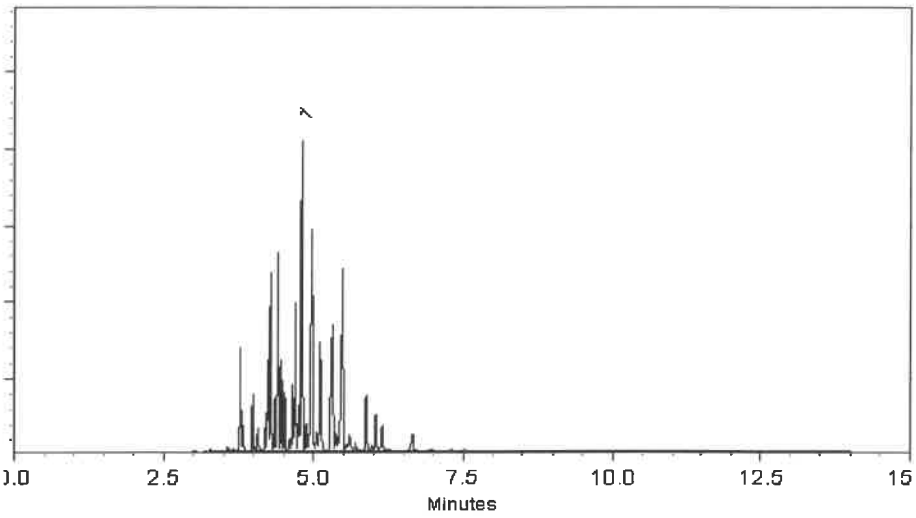
Inj. Temp:
250°C

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

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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.)

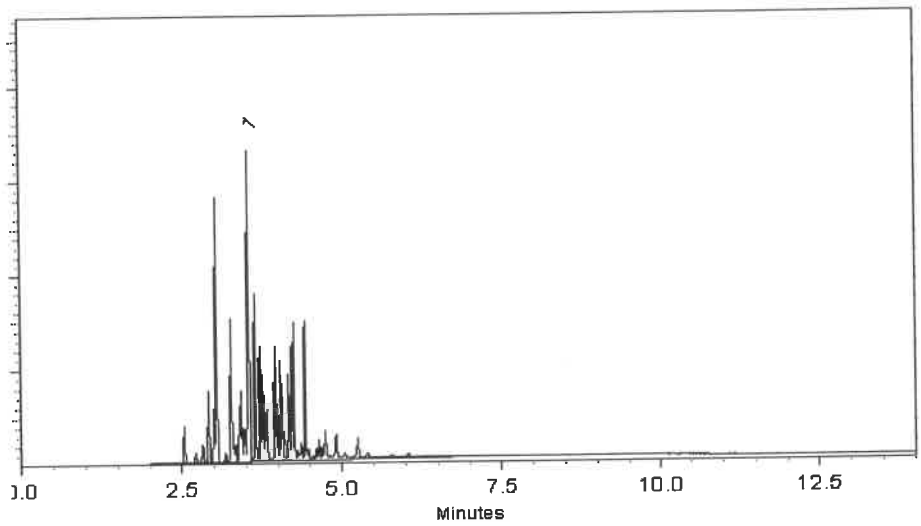
Inj. Temp:
250°C

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

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. : 32409 **Lot No.:** A0217041

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 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 1262	37324-23-5	10849100	----%	1,000.0 µg/mL	+/- 55.4925

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13881

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.)

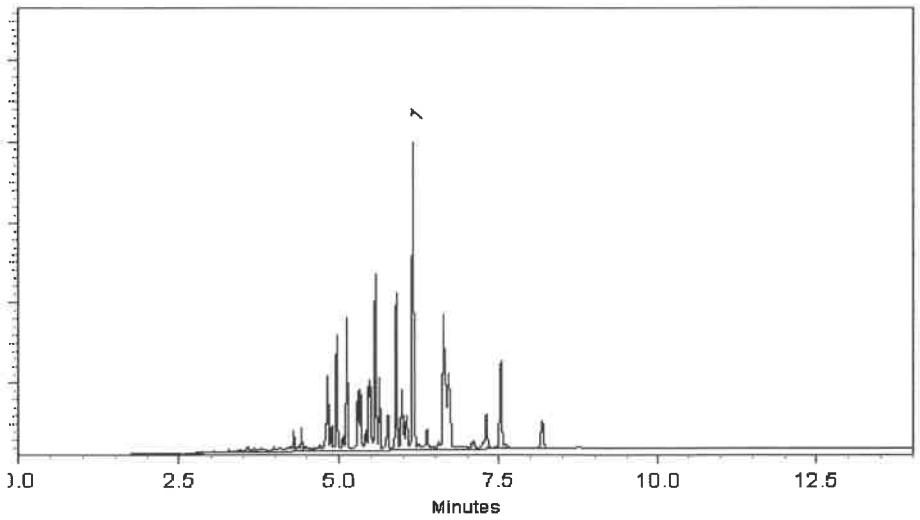
Inj. Temp:
250°C

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.

Rebecca Gingerich - Operations Tech II

Date Mixed: 25-Sep-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Sep-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

ilac-MRA
A2LA ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

Certificate of Analysis

chromatographic plus

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. : 32410 **Lot No.:** A0217264

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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 1268	11100-14-4	12353400	----%	1,009.8 µg/mL	+/- 56.0364

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13884
↓
P13886

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.)

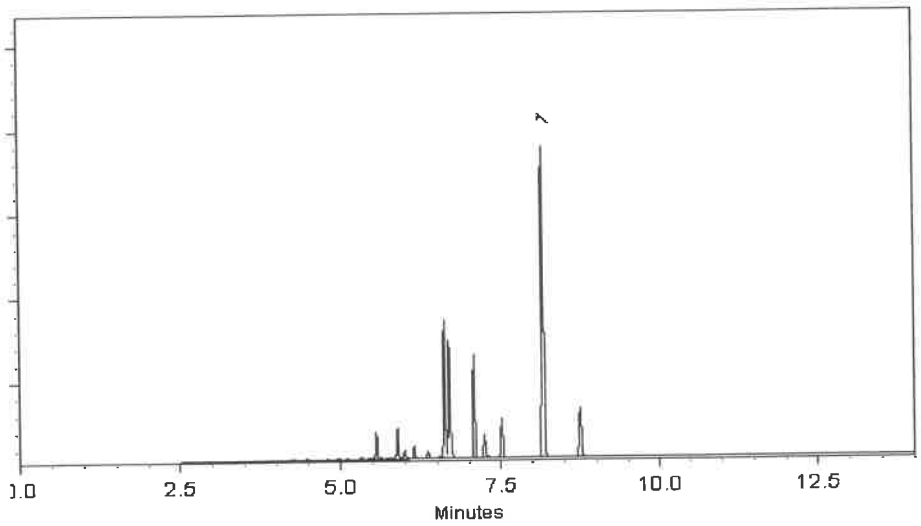
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
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.

Stacey Wanner - Operations Technician I

Date Mixed: 01-Oct-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-Oct-2024

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

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

W3234 JB
Update: 07/28/2025

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

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

SHIPPING DOCUMENTS

Q3694

USEPA CLP COC (LAB COPY)
DateShipped: 11/19/2025
CarrierName: FedEx
AirbillNo: 8862 0213 2026

CHAIN OF CUSTODY RECORD

DAS #: R37108
Cooler #:

No: 3-111925-140357-0013
Lab: Alliance Technical Group, LLC
Lab Contact: Yazmeen Gomez
Lab Phone: (908) 728-3147

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
BSA-DU09-CS(0-10)-A1-20251114	C0AD8	Soil/ START	Composite	PCB(3)	1149 (Cool to 6C) (1)	DU09 A1	11/14/2025 13:35	
BSA-DU09-CS(0-10)-A2-20251114	C0AE1	Soil/ START	Composite	PCB(3)	1152 (Cool to 6C) (1)	DU09 A2	11/14/2025 13:50	
BSA-DU09-CS(0-10)-A3-20251114	C0AE2	Soil/ START	Composite	PCB(3)	1153 (Cool to 6C) (1)	DU09 A3	11/14/2025 14:10	
BSA-DU09-CS(0-10)-A4-20251114	C0AE3	Soil/ START	Composite	PCB(3)	1154 (Cool to 6C) (1)	DU09 A4	11/14/2025 14:20	
BSA-DU09-CS(0-10)-B1-20251114	C0AF3	Soil/ START	Composite	PCB(3)	1164 (Cool to 6C) (1)	DU09 B1	11/14/2025 14:35	
BSA-DU09-CS(0-10)-B2-20251114	C0AF4	Soil/ START	Composite	PCB(3)	1165 (Cool to 6C) (1)	DU09 B2	11/14/2025 14:55	
BSA-DU09-CS(0-10)-B3-20251114	C0AF5	Soil/ START	Composite	PCB(3)	1166 (Cool to 6C) (1)	DU09 B3	11/14/2025 15:30	
BSA-DU09-CS(0-10)-B4-20251114	C0AF6	Soil/ START	Composite	PCB(3)	1167 (Cool to 6C) (1)	DU09 B4	11/14/2025 15:45	
BSA-DU09-CS(0-10)-F1-20251118	C0AL8	Soil/ START	Composite	PCB(3)	1219 (Cool to 6C) (1)	DU09 F1	11/18/2025 14:15	
BSA-DU09-CS(0-10)-F2-20251118	C0AL9	Soil/ START	Composite	PCB(3)	1220 (Cool to 6C) (1)	DU09 F2	11/18/2025 14:29	

Special Instructions: DU09 Samples

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: PCB=PCBs

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ENVIRONMENTAL SOIL SAMPLES	TETRA TECH	11/19/25 1630		9:52 11/20/25	IR Gun #1 2.1°C

Q3694

USEPA CLP COC (LAB COPY)
DateShipped: 11/19/2025
CarrierName: FedEx
AirbillNo: 8862 0213 2026

CHAIN OF CUSTODY RECORD

DAS #: R37108
Cooler #:

No: 3-111925-140357-0013
Lab: Alliance Technical Group, LLC
Lab Contact: Yazmeen Gomez
Lab Phone: (908) 728-3147

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
BSA-DU09-CS(0-10)-F1-DUP-20251118	C0AM0	Soil/ START	Composite	PCB(3)	1221 (Cool to 6C) (1)	QC	11/18/2025 12:00	
BSA-DU09-CS(0-10)-F3-20251118	C0AM1	Soil/ START	Composite	PCB(3)	1222 (Cool to 6C) (1)	DU09 F3	11/18/2025 14:40	
BSA-DU09-CS(0-10)-F4-20251119	C0AM2	Soil/ START	Composite	PCB(3)	1223 (Cool to 6C) (1)	DU09 F4	11/19/2025 09:20	
BSA-DU09-CS(0-10)-F5-20251119	C0AM3	Soil/ START	Composite	PCB(3)	1224 (Cool to 6C) (1)	DU09 F5	11/19/2025 09:50	
BSA-DU09-CS(0-10)-F6-20251119	C0AM4	Soil/ START	Composite	PCB(3)	1225 (Cool to 6C) (1)	DU09 F6	11/19/2025 09:55	
BSA-DU09-CS(0-10)-F7-202511	C0AM5	Soil/ START	Composite	PCB(3)	1226 (Cool to 6C) (1)	DU09 F7	11/19/2025 10:00	

Special Instructions: DU09 Samples

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: PCB=PCBs

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ENVIRONMENTAL SOIL SAMPLES	[signature] TETRA TECH	11/19/25 1630	[signature]	9:52 11/20/25	IR Gun #1 2.1°C

Tetra Tech Project Outline: R37108 **PO #: Alliance-28**

Laboratory Address and Contact	Tetra Tech Project Lead	Sample Coordinator
Alliance Technical Group, LLC 284 Sheffield St Mountainside, NJ 07092 Yazmeen Gomez (908) 728-3147 Yazmeen.Gomez@alliancetg.com	Emily Mills Tetra Tech 240 Continental Drive Ste. 200 Newark, DE 19713 (610) 809-8171 Emily.mills@tetratech.com	Ava Heiss (302) 397-1105

Site location: Pennsylvania

Please reference **R37108** on all deliverables (L4 reports, EDDs, invoice, login acknowledgement).

Sample Numbers:

These are the alphanumeric ids listed on the Chain of Custody (COC) in the 2nd column (ex. C0AA0). Please use these ids for all sample login acknowledgement forms, reports, and EDDs.

Reporting Limits (RL):

Laboratory will report non-detects at the RLs (adjusted RLs to account for % moisture, dilutions, sample volume if applicable) in the reports and EDD files. Results for non-detects in the EDDs should not be an empty cell, but should be reported as the RL (adjusted as necessary) with a "U" qualifier in the lab qualifier column. Analytical results are to be reported for detections below the reporting limit (RL) down to the method detection limit with a "J" flag.

Deliverables: Email a **Level 2 and 4 report with EDDs in EQuIS* format** to Ava Heiss and Emily Mills.
Sampling Dates: November 13, 2025 – December 31, 2025
Turnaround Time: 72-Hr TAT for Preliminary Data; 15 BD-TAT for Level 2 and 4 reports with Equis EDDs

Parameter/Matrix	Method	Number of Samples
PCB Aroclors/Soil	SW8082A	416 samples
PCB Aroclors/Wipe	SW8082A	3 samples

*EDD file in EPA Region 2 format (i.e., EQuis EDD, in excel). For instructions, click link:
*Region 2 format is the same as Region 3 format
(

Alliance TECHNICAL GROUP 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312