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 : Q3673

ATTENTION : Ava Heiss

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3673

Project ID : R37108

Client : Tetra Tech, EMI

Lab Sample Number	Client Sample Number
Q3673-01	C0AG6
Q3673-02	C0AG7
Q3673-03	C0AG8
Q3673-04	C0AG9
Q3673-05	C0AH0
Q3673-06	C0AH1
Q3673-07	C0AH2
Q3673-08	C0AH3
Q3673-09	C0AH4
Q3673-10	C0AH5
Q3673-11	C0AH6
Q3673-12	C0AH7
Q3673-13	C0AH8

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: 12/02/2025

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 # Q3673
Test Name: PCB

A. Number of Samples and Date of Receipt:
13 Solid samples were received on 11/19/2025.

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

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

The Surrogate recoveries were met for all analysis except for C0AH1DL [Decachlorobiphenyl(1)199%], AS per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken, C0AH2DL2 [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 recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

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Samples C0AH0, C0AH1, C0AH2 and C0AH2DL were diluted due to high concentrations.

E. Additional Comments:
Sample C0AH2DL Initially analyzed in sequence PO112425 but due to instrument error End I.BLK not analyzed as a corrective action sample reanalyzed in PO112525 and reported in Hardcopy and Fax data Provided in Miscellaneous section therefore fax and hardcopy data will not match.

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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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: Q3673 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 met the requirements			✓
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 C0AH1DL [Decachlorobiphenyl(1)199%], AS per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken, C0AH2DL2 [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 recoveries met the requirements for all compounds. The MSD recoveries met the requirements for all compounds. The Blank Spike met requirements for all compounds. The RPD were met for all analysis.			✓
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:			✓

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

Samples C0AH0, C0AH1, C0AH2 and C0AH2DL were diluted due to high concentrations.

Sample C0AH2DL Initially analyzed in sequence PO112425 but due to instrument error End I.BLK not analyzed as a corrective action sample reanalyzed in PO112525 and reported in Hardcopy and Fax data Provided in Miscellaneous section therefore fax and hardcopy data will not match.

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 #: Q3673

	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:** 12/02/2025

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LAB CHRONICLE

OrderID:	Q3673	**OrderDate:**	11/19/2025 10:57:00 AM
Client:	Tetra Tech, EMI	**Project:**	R37108
Contact:	Ava Heiss	**Location:**	D51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3673-01	**C0AG6**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3673-02	**C0AG7**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-03	**C0AG8**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-04	**C0AG9**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-05	**C0AH0**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-05DL	**C0AH0DL**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3673-06	**C0AH1**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-06DL	**C0AH1DL**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3673-07	**C0AH2**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-07DL	**C0AH2DL**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/25/25	
Q3673-07DL2	**C0AH2DL2**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	

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LAB CHRONICLE

Q3673-08	**C0AH3**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-09	**C0AH4**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-10	**C0AH5**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-11	**C0AH6**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-12	**C0AH7**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3673-13	**C0AH8**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3673 **Order ID:** Q3673

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AG6								
Q3673-01	C0AG6	SOIL	Aroclor-1260	83.0		4.00	20.8	ug/kg
			Total Concentration:	**83.000**				
Client ID : C0AG7								
Q3673-02	C0AG7	SOIL	Aroclor-1260	35.9		4.00	20.8	ug/kg
			Total Concentration:	**35.900**				
Client ID : C0AG8								
Q3673-03	C0AG8	SOIL	Aroclor-1260	167		3.90	20.3	ug/kg
			Total Concentration:	**167.000**				
Client ID : C0AG9								
Q3673-04	C0AG9	SOIL	Aroclor-1254	185		3.90	20.7	ug/kg
Q3673-04	C0AG9	SOIL	Aroclor-1260	134		3.90	20.7	ug/kg
			Total Concentration:	**319.000**				
Client ID : C0AH0								
Q3673-05	C0AH0	SOIL	Aroclor-1248	1500	E	7.10	20.4	ug/kg
Q3673-05	C0AH0	SOIL	Aroclor-1254	857	E	3.90	20.4	ug/kg
Q3673-05	C0AH0	SOIL	Aroclor-1260	307		3.90	20.4	ug/kg
			Total Concentration:	**2,664.000**				
Client ID : C0AH0DL								
Q3673-05DL	C0AH0DL	SOIL	Aroclor-1248	1500	D	71.2	204	ug/kg
Q3673-05DL	C0AH0DL	SOIL	Aroclor-1254	828	D	38.6	204	ug/kg
Q3673-05DL	C0AH0DL	SOIL	Aroclor-1260	309	D	38.9	204	ug/kg
			Total Concentration:	**2,637.000**				
Client ID : C0AH1								
Q3673-06	C0AH1	SOIL	Aroclor-1254	1800	E	3.80	20.2	ug/kg
Q3673-06	C0AH1	SOIL	Aroclor-1260	820	E	3.80	20.2	ug/kg
			Total Concentration:	**2,620.000**				
Client ID : C0AH1DL								
Q3673-06DL	C0AH1DL	SOIL	Aroclor-1254	1800	D	38.1	202	ug/kg
Q3673-06DL	C0AH1DL	SOIL	Aroclor-1260	845	D	38.3	202	ug/kg
			Total Concentration:	**2,645.000**				

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Hit Summary Sheet
SW-846

SDG No.: Q3673 **Order ID:** Q3673

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AH2								
Q3673-07	C0AH2	SOIL	Aroclor-1242	45000	E	4.80	20.4	ug/kg
Q3673-07	C0AH2	SOIL	Aroclor-1260	1100	E	3.90	20.4	ug/kg
			Total Concentration:	**46,100.000**				
Client ID : C0AH2DL								
Q3673-07DL	C0AH2DL	SOIL	Aroclor-1242	49000	ED	48.1	204	ug/kg
Q3673-07DL	C0AH2DL	SOIL	Aroclor-1260	1200	D	38.8	204	ug/kg
			Total Concentration:	**50,200.000**				
Client ID : C0AH2DL2								
Q3673-07DL2	C0AH2DL2	SOIL	Aroclor-1242	66000	D	962	4100	ug/kg
Q3673-07DL2	C0AH2DL2	SOIL	Aroclor-1260	1300	JD	775	4100	ug/kg
			Total Concentration:	**67,300.000**				
Client ID : C0AH3								
Q3673-08	C0AH3	SOIL	Aroclor-1254	236		4.00	21.0	ug/kg
Q3673-08	C0AH3	SOIL	Aroclor-1260	262		4.00	21.0	ug/kg
			Total Concentration:	**498.000**				
Client ID : C0AH4								
Q3673-09	C0AH4	SOIL	Aroclor-1254	82.8		4.00	21.4	ug/kg
Q3673-09	C0AH4	SOIL	Aroclor-1260	140		4.10	21.4	ug/kg
			Total Concentration:	**222.800**				
Client ID : C0AH5								
Q3673-10	C0AH5	SOIL	Aroclor-1260	10.6	J	4.00	20.9	ug/kg
			Total Concentration:	**10.600**				
Client ID : C0AH6								
Q3673-11	C0AH6	SOIL	Aroclor-1260	8.80	J	3.90	20.5	ug/kg
			Total Concentration:	**8.800**				
Client ID : C0AH7								
Q3673-12	C0AH7	SOIL	Aroclor-1260	14.7	J	3.80	20.0	ug/kg
			Total Concentration:	**14.700**				
Client ID : C0AH8								
Q3673-13	C0AH8	SOIL	Aroclor-1260	68.5		4.00	21.3	ug/kg

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Hit Summary Sheet
SW-846

SDG No.: Q3673 **Order ID:** Q3673

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	**68.500**				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3673

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-PO115260.D	PIBLK-PO115260.D	Tetrachloro-m-xyl	1	20	22.3	112		60	140
		Decachlorobiphen	1	20	23.9	119		60	140
		Tetrachloro-m-xyl	2	20	22.2	111		60	140
		Decachlorobiphen	2	20	24.6	123		60	140
Q3673-02	C0AG7	Tetrachloro-m-xyl	1	20	18.6	93		21	165
		Decachlorobiphen	1	20	10.6	53		10	170
		Tetrachloro-m-xyl	2	20	18.9	95		21	165
		Decachlorobiphen	2	20	11.3	57		10	170
I.BLK-PO115276.D	PIBLK-PO115276.D	Tetrachloro-m-xyl	1	20	23.1	115		60	140
		Decachlorobiphen	1	20	24.2	121		60	140
		Tetrachloro-m-xyl	2	20	22.4	112		60	140
		Decachlorobiphen	2	20	24.6	123		60	140
Q3673-03	C0AG8	Tetrachloro-m-xyl	1	20	22.6	113		21	165
		Decachlorobiphen	1	20	14.7	73		10	170
		Tetrachloro-m-xyl	2	20	22.8	114		21	165
		Decachlorobiphen	2	20	15.3	76		10	170
Q3673-04	C0AG9	Tetrachloro-m-xyl	1	20	23.2	116		21	165
		Decachlorobiphen	1	20	18.5	93		10	170
		Tetrachloro-m-xyl	2	20	23.4	117		21	165
		Decachlorobiphen	2	20	19.4	97		10	170
Q3673-05	C0AH0	Tetrachloro-m-xyl	1	20	20.8	104		21	165
		Decachlorobiphen	1	20	16.0	80		10	170
		Tetrachloro-m-xyl	2	20	20.9	105		21	165
		Decachlorobiphen	2	20	16.8	84		10	170
Q3673-06	C0AH1	Tetrachloro-m-xyl	1	20	23.1	115		21	165
		Decachlorobiphen	1	20	20.9	104		10	170
		Tetrachloro-m-xyl	2	20	22.3	112		21	165
		Decachlorobiphen	2	20	21.9	110		10	170
Q3673-07	C0AH2	Tetrachloro-m-xyl	1	20	15.4	77		21	165
		Decachlorobiphen	1	20	13.7	69		10	170
		Tetrachloro-m-xyl	2	20	17.1	86		21	165
		Decachlorobiphen	2	20	14.3	72		10	170
Q3673-08	C0AH3	Tetrachloro-m-xyl	1	20	18.1	90		21	165
		Decachlorobiphen	1	20	13.5	68		10	170
		Tetrachloro-m-xyl	2	20	18.4	92		21	165
		Decachlorobiphen	2	20	14.2	71		10	170
Q3673-09	C0AH4	Tetrachloro-m-xyl	1	20	19.0	95		21	165

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Fax : 908 789 8922

Surrogate Summary

SDG No.: Q3673

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3673-09	C0AH4	Decachlorobiphen	1	20	15.7	78		10	170
		Tetrachloro-m-xyl	2	20	19.1	95		21	165
		Decachlorobiphen	2	20	16.4	82		10	170
Q3673-10	C0AH5	Tetrachloro-m-xyl	1	20	19.3	96		21	165
		Decachlorobiphen	1	20	14.3	71		10	170
		Tetrachloro-m-xyl	2	20	19.4	97		21	165
		Decachlorobiphen	2	20	14.7	74		10	170
Q3673-11	C0AH6	Tetrachloro-m-xyl	1	20	17.4	87		21	165
		Decachlorobiphen	1	20	11.4	57		10	170
		Tetrachloro-m-xyl	2	20	17.5	87		21	165
		Decachlorobiphen	2	20	12.1	61		10	170
Q3673-12	C0AH7	Tetrachloro-m-xyl	1	20	20.2	101		21	165
		Decachlorobiphen	1	20	16.1	80		10	170
		Tetrachloro-m-xyl	2	20	20.4	102		21	165
		Decachlorobiphen	2	20	16.4	82		10	170
I.BLK-PO115292.D	PIBLK-PO115292.D	Tetrachloro-m-xyl	1	20	23.3	117		60	140
		Decachlorobiphen	1	20	24.6	123		60	140
		Tetrachloro-m-xyl	2	20	22.9	114		60	140
		Decachlorobiphen	2	20	24.8	124		60	140
Q3673-01	C0AG6	Tetrachloro-m-xyl	1	20	19.7	99		21	165
		Decachlorobiphen	1	20	13.3	67		10	170
		Tetrachloro-m-xyl	2	20	19.7	98		21	165
		Decachlorobiphen	2	20	13.8	69		10	170
Q3673-13	C0AH8	Tetrachloro-m-xyl	1	20	19.8	99		21	165
		Decachlorobiphen	1	20	12.7	64		10	170
		Tetrachloro-m-xyl	2	20	19.5	97		21	165
		Decachlorobiphen	2	20	13.0	65		10	170
I.BLK-PO115307.D	PIBLK-PO115307.D	Tetrachloro-m-xyl	1	20	23.4	117		60	140
		Decachlorobiphen	1	20	24.5	123		60	140
		Tetrachloro-m-xyl	2	20	22.8	114		60	140
		Decachlorobiphen	2	20	25.0	125		60	140
I.BLK-PO115314.D	PIBLK-PO115314.D	Tetrachloro-m-xyl	1	20	23.9	119		60	140
		Decachlorobiphen	1	20	25.5	127		60	140
		Tetrachloro-m-xyl	2	20	23.5	117		60	140
		Decachlorobiphen	2	20	25.8	129		60	140
Q3673-05DL	C0AH0DL	Tetrachloro-m-xyl	1	20	17.4	87		21	165
		Decachlorobiphen	1	20	16.7	84		10	170
		Tetrachloro-m-xyl	2	20	20.0	100		21	165
		Decachlorobiphen	2	20	16.3	81		10	170
Q3673-06DL	C0AH1DL	Tetrachloro-m-xyl	1	20	21.9	110		21	165
		Decachlorobiphen	1	20	39.8	199	*	10	170

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Surrogate Summary

SDG No.: Q3673

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3673-06DL	C0AH1DL	Tetrachloro-m-xyl	2	20	22.8	114		21	165
		Decachlorobiphen	2	20	24.5	123		10	170
Q3673-07DL2	C0AH2DL2	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
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
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
Q3673-07DL	C0AH2DL	Tetrachloro-m-xyl	1	20	14.3	72		21	165
		Decachlorobiphen	1	20	12.1	61		10	170
		Tetrachloro-m-xyl	2	20	16.6	83		21	165
		Decachlorobiphen	2	20	15.0	75		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
I.BLK-PQ071272.D	PIBLK-PQ071272.D	Tetrachloro-m-xyl	1	20	21.9	110		60	140
		Decachlorobiphen	1	20	22.2	111		60	140
		Tetrachloro-m-xyl	2	20	22.2	111		60	140
		Decachlorobiphen	2	20	21.7	109		60	140
I.BLK-PQ071365.D	PIBLK-PQ071365.D	Tetrachloro-m-xyl	1	20	22.8	114		60	140
		Decachlorobiphen	1	20	22.4	112		60	140
		Tetrachloro-m-xyl	2	20	25.6	128		60	140
		Decachlorobiphen	2	20	24.8	124		60	140
PB170650BL	PB170650BL	Tetrachloro-m-xyl	1	20	21.0	105		21	165
		Decachlorobiphen	1	20	19.5	98		10	170
		Tetrachloro-m-xyl	2	20	23.4	117		21	165
		Decachlorobiphen	2	20	22.2	111		10	170
I.BLK-PQ071376.D	PIBLK-PQ071376.D	Tetrachloro-m-xyl	1	20	23.3	117		60	140
		Decachlorobiphen	1	20	22.7	114		60	140
		Tetrachloro-m-xyl	2	20	27.1	135		60	140
		Decachlorobiphen	2	20	26.6	133		60	140
PB170650BS	PB170650BS	Tetrachloro-m-xyl	1	20	21.1	105		21	165
		Decachlorobiphen	1	20	19.6	98		10	170
		Tetrachloro-m-xyl	2	20	23.1	116		21	165

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Surrogate Summary

SDG No.: Q3673

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
PB170650BS	PB170650BS	Decachlorobiphen	2	20	22.7	114		10	170
Q3681-01MS	ETGI-354MS	Tetrachloro-m-xyl	1	20	13.4	67		21	165
		Decachlorobiphen	1	20	12.4	62		10	170
		Tetrachloro-m-xyl	2	20	18.7	94		21	165
		Decachlorobiphen	2	20	14.9	75		10	170
Q3681-01MSD	ETGI-354MSD	Tetrachloro-m-xyl	1	20	15.3	76		21	165
		Decachlorobiphen	1	20	19.6	98		10	170
		Tetrachloro-m-xyl	2	20	21.8	109		21	165
		Decachlorobiphen	2	20	22.5	113		10	170
I.BLK-PQ071387.D	PIBLK-PQ071387.D	Tetrachloro-m-xyl	1	20	23.4	117		60	140
		Decachlorobiphen	1	20	22.2	111		60	140
		Tetrachloro-m-xyl	2	20	27.4	137		60	140
		Decachlorobiphen	2	20	26.8	134		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3673 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **DataFile :** PQ071383.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3681-01MS (Column 1)**	**Client Sample ID:**		**ETGI-354MS**								
	AR1016	200	0	163	ug/kg	82				39	159	
	AR1260	200	0	150	ug/kg	75				19	160	
Lab Sample ID:	**Q3681-01MS (Column 2)**	**Client Sample ID:**		**ETGI-354MS**								
	AR1016	200	0	183	ug/kg	92				39	159	
	AR1260	200	0	186	ug/kg	93				19	160	

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Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3673 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **DataFile :** PQ071384.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3681-01MSD (Column 1)**	**Client Sample ID:**		**ETGI-354MSD**								
	AR1016	199.7	0	168	ug/kg	84		2		39	159	21
	AR1260	199.7	0	158	ug/kg	79		5		19	160	15
Lab Sample ID:	**Q3681-01MSD (Column 2)**	**Client Sample ID:**		**ETGI-354MSD**								
	AR1016	199.7	0	190	ug/kg	95		3		39	159	21
	AR1260	199.7	0	192	ug/kg	96		3		19	160	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3673 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **Datafile :** PQ071377.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170650BS (Column 1)	AR1016	166.6	144	ug/kg	86				71	120	
	AR1260	166.6	133	ug/kg	80				65	130	
PB170650BS (Column 2)	AR1016	166.6	162	ug/kg	97				71	120	
	AR1260	166.6	158	ug/kg	95				65	130	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170650BL

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3673

Lab Sample ID: PB170650BL | Lab File ID: PQ071374.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/20/2025

Date Analyzed (1): 11/20/2025 | Date Analyzed (2): 11/20/2025

Time Analyzed (1): 15:05 | Time Analyzed (2): 15:05

Instrument ID (1): ECD_Q | Instrument ID (2): ECD_Q

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
C0AG7	Q3673-02	PO115270.D	11/20/2025	11/20/2025
C0AG8	Q3673-03	PO115277.D	11/20/2025	11/20/2025
C0AG9	Q3673-04	PO115278.D	11/20/2025	11/20/2025
C0AH0	Q3673-05	PO115279.D	11/20/2025	11/20/2025
C0AH1	Q3673-06	PO115280.D	11/20/2025	11/20/2025
C0AH2	Q3673-07	PO115281.D	11/20/2025	11/20/2025
C0AH3	Q3673-08	PO115282.D	11/20/2025	11/20/2025
C0AH4	Q3673-09	PO115283.D	11/20/2025	11/20/2025
C0AH5	Q3673-10	PO115284.D	11/20/2025	11/20/2025
C0AH6	Q3673-11	PO115285.D	11/20/2025	11/20/2025
C0AH7	Q3673-12	PO115286.D	11/20/2025	11/20/2025
C0AG6	Q3673-01	PO115293.D	11/21/2025	11/21/2025
C0AH8	Q3673-13	PO115294.D	11/21/2025	11/21/2025
PB170650BS	PB170650BS	PQ071377.D	11/20/2025	11/20/2025
ETGI-354MS	Q3681-01MS	PQ071383.D	11/20/2025	11/20/2025
ETGI-354MSD	Q3681-01MSD	PQ071384.D	11/20/2025	11/20/2025

COMMENTS:

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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG6	SDG No.:	Q3673
Lab Sample ID:	Q3673-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.4
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/21/25 01:57	PB170650
11104-28-2	Aroclor-1221	20.8	U	1	4.90	20.8	ug/kg	11/21/25 01:57	PB170650
11141-16-5	Aroclor-1232	20.8	U	1	4.60	20.8	ug/kg	11/21/25 01:57	PB170650
53469-21-9	Aroclor-1242	20.8	U	1	4.90	20.8	ug/kg	11/21/25 01:57	PB170650
12672-29-6	Aroclor-1248	20.8	U	1	7.30	20.8	ug/kg	11/21/25 01:57	PB170650
11097-69-1	Aroclor-1254	20.8	U	1	3.90	20.8	ug/kg	11/21/25 01:57	PB170650
37324-23-5	Aroclor-1262	20.8	U	1	6.20	20.8	ug/kg	11/21/25 01:57	PB170650
11100-14-4	Aroclor-1268	20.8	U	1	4.40	20.8	ug/kg	11/21/25 01:57	PB170650
11096-82-5	Aroclor-1260	83.0		1	4.00	20.8	ug/kg	11/21/25 01:57	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.7			21 - 165	99%	SPK: 20		
2051-24-3	Decachlorobiphenyl	13.8			10 - 170	69%	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\PO112025\
Data File : PO115293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:57
Operator : YP/AJ
Sample : Q3673-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AG6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:40:05 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	138.6E6	87919156	19.696	19.683
2)	SA Decachlor...	9.915	8.629	58784796	53778131	13.299m	13.776
	Target Compounds						
31)	L7 AR-1260-1	7.062	6.197	60465115	57817681	197.835	195.259
32)	L7 AR-1260-2	7.315	6.384	89053633	83451899	224.953	194.060
33)	L7 AR-1260-3	7.673	6.537	67275707	63329558	202.749	180.348
34)	L7 AR-1260-4	7.893	7.007	63670142	52152779	208.741m	172.105
35)	L7 AR-1260-5	8.200	7.248	129.2E6	138.3E6	181.090	168.295

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

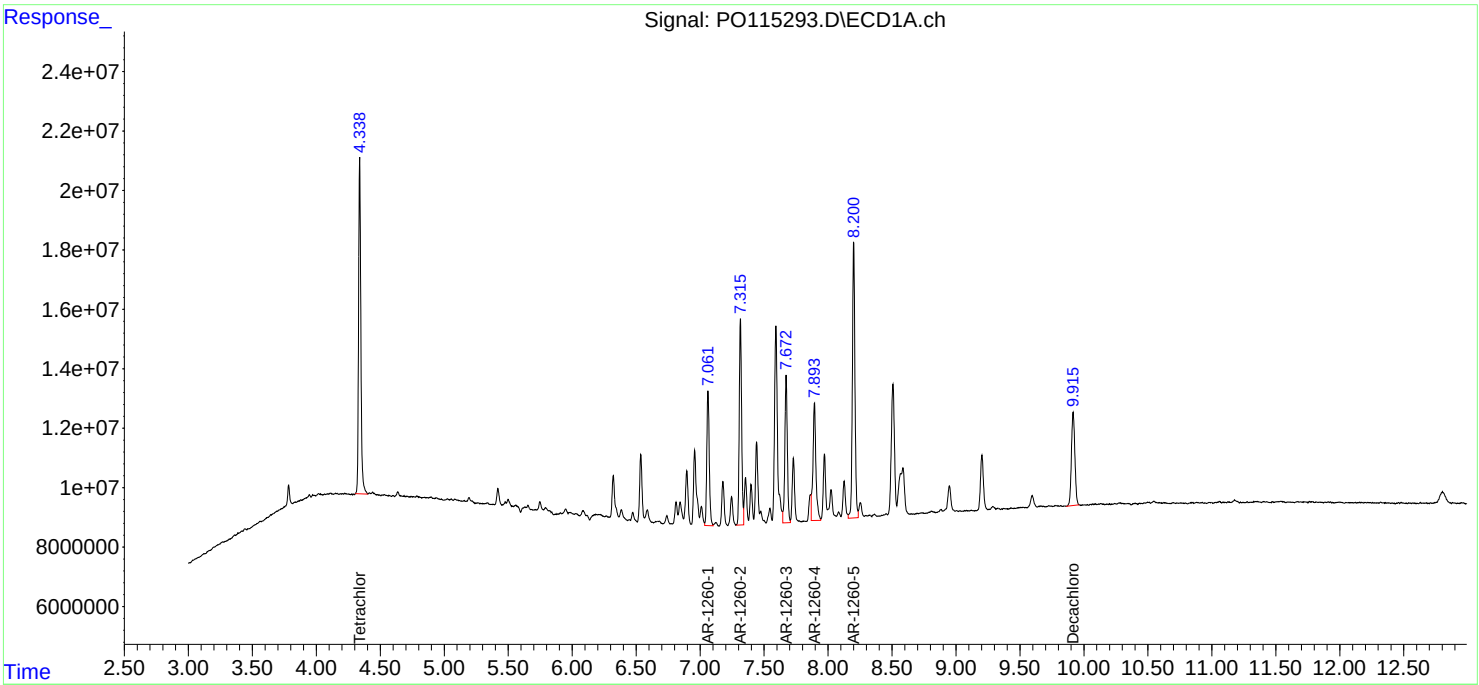
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:57
Operator : YP/AJ
Sample : Q3673-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

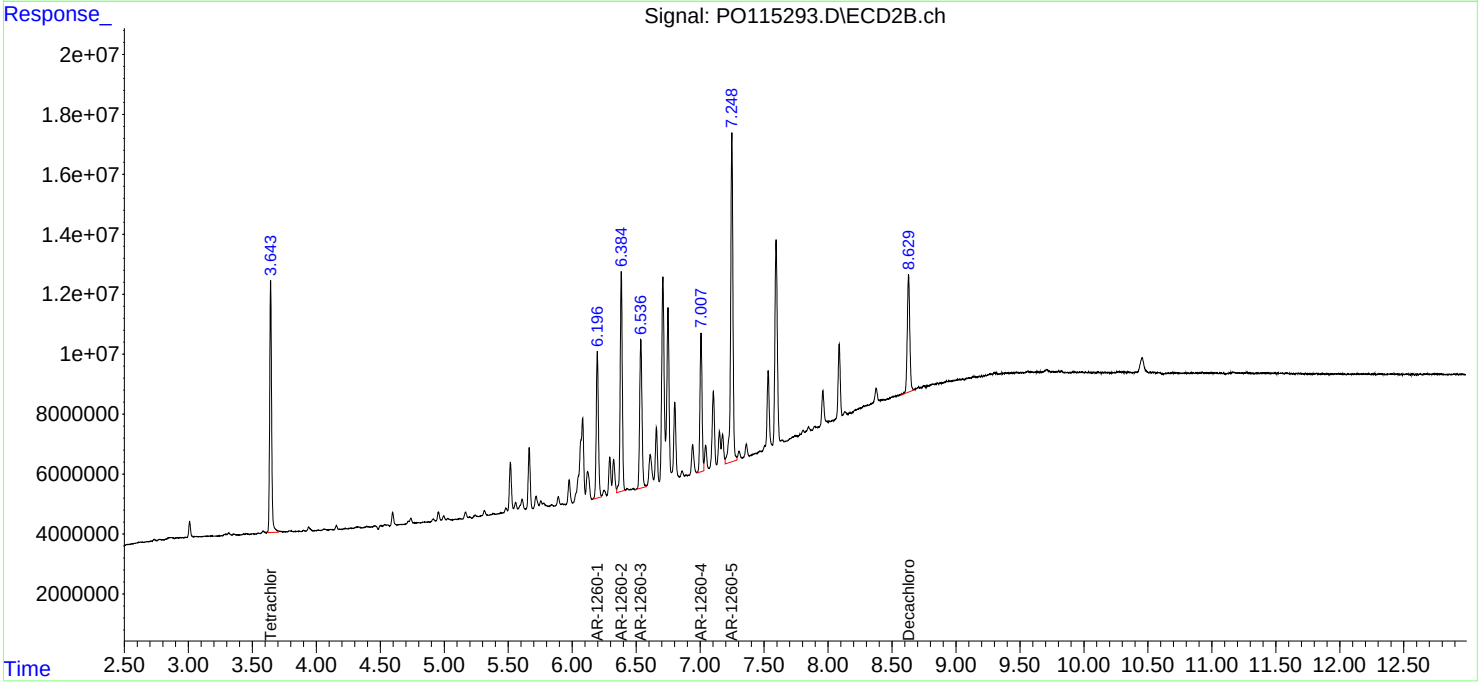
Instrument :
ECD_O
ClientSampleId :
C0AG6

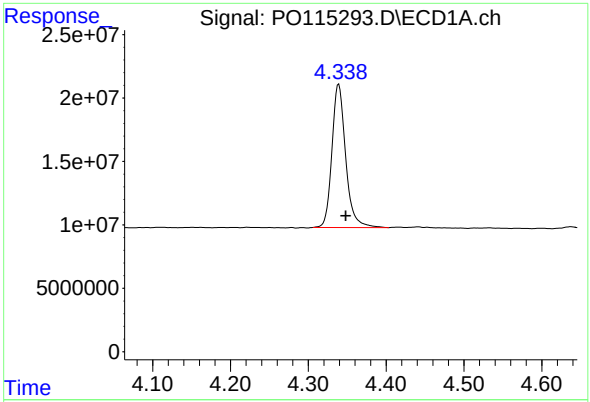
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:40:05 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







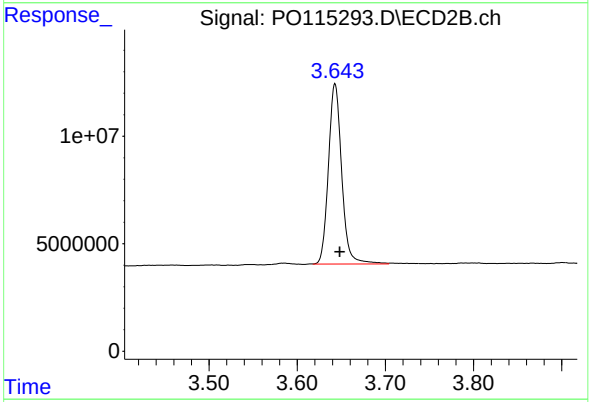
#1 Tetrachloro-m-xylene

R.T.: 4.339 min
Delta R.T.: -0.009 min
Response: 138620121
Conc: 19.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG6

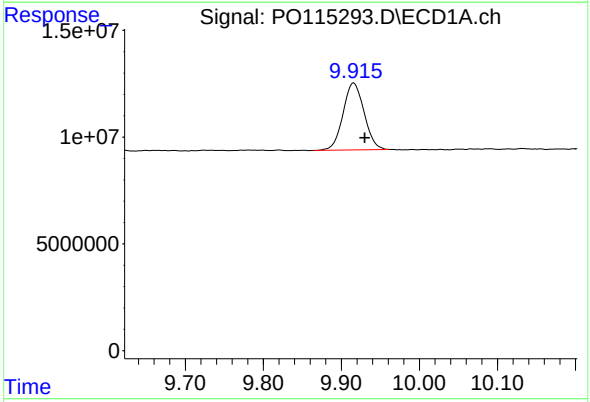
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



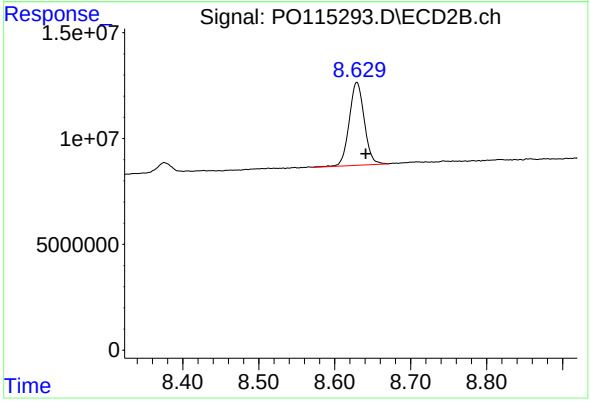
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.005 min
Response: 87919156
Conc: 19.68 ng/ml



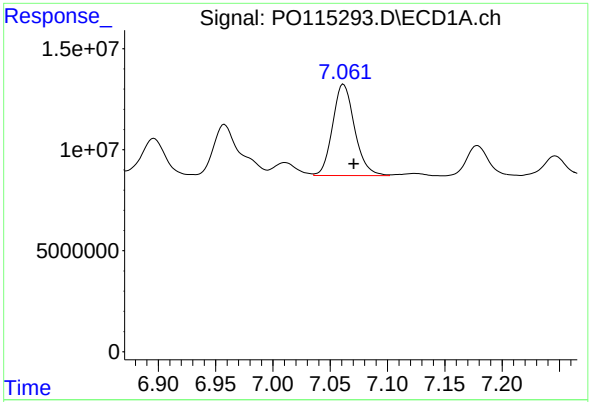
#2 Decachlorobiphenyl

R.T.: 9.915 min
Delta R.T.: -0.015 min
Response: 58784796
Conc: 13.30 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.011 min
Response: 53778131
Conc: 13.78 ng/ml



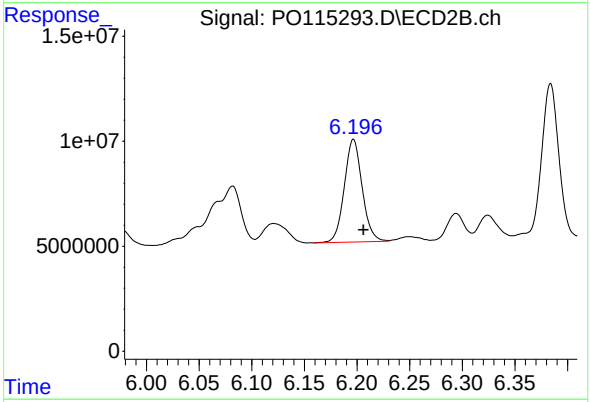
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 60465115
Conc: 197.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG6

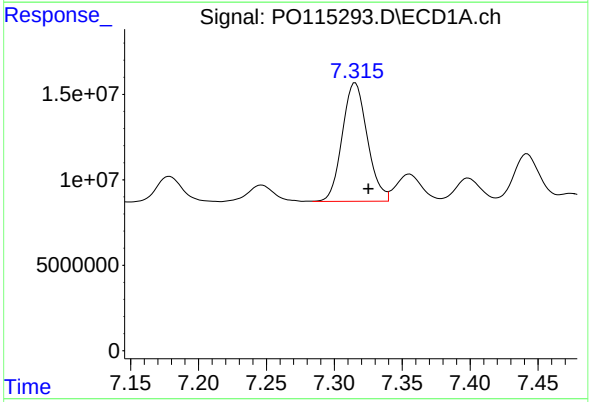
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



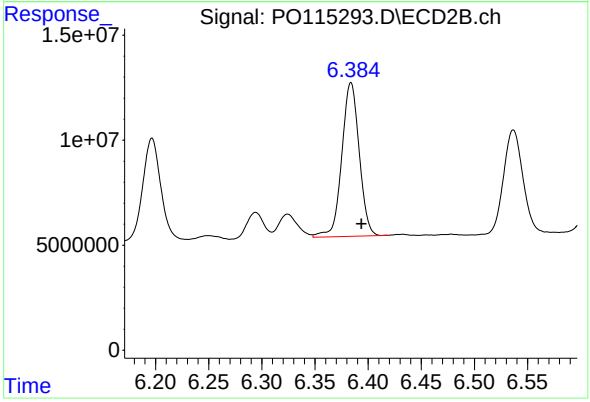
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 57817681
Conc: 195.26 ng/ml



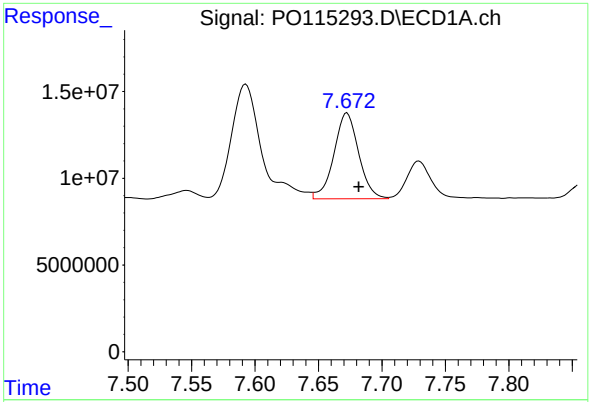
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 89053633
Conc: 224.95 ng/ml



#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 83451899
Conc: 194.06 ng/ml



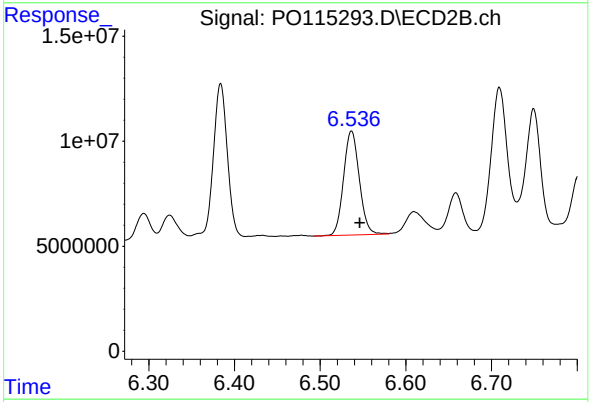
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 67275707
Conc: 202.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG6

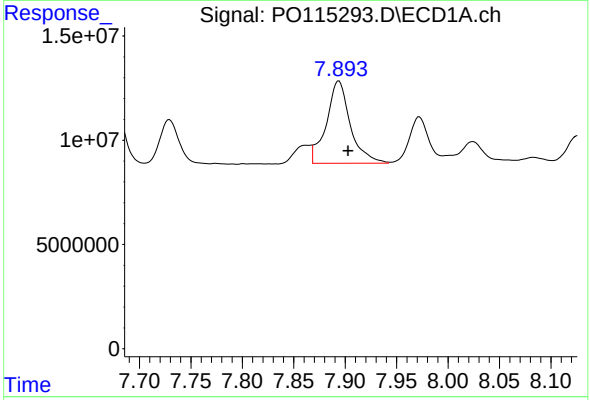
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



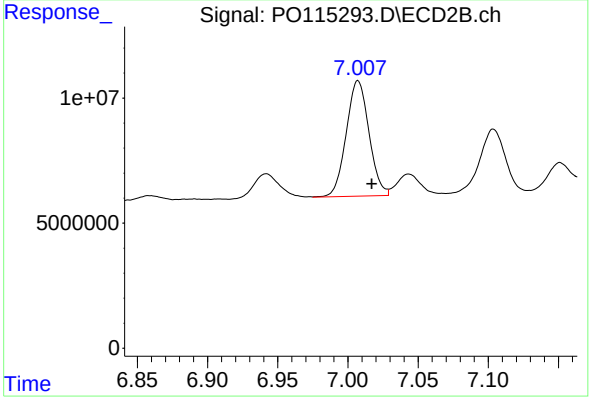
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.010 min
Response: 63329558
Conc: 180.35 ng/ml



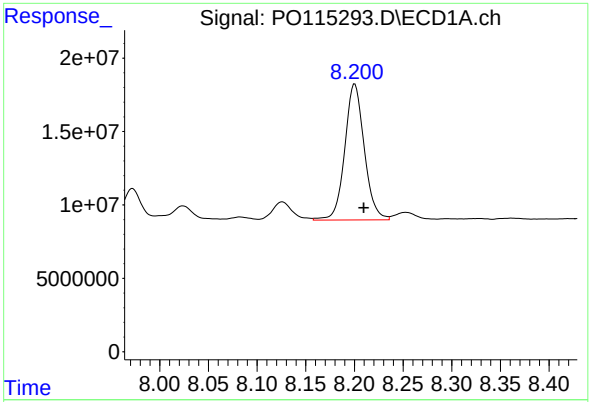
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 63670142
Conc: 208.74 ng/ml m



#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 52152779
Conc: 172.11 ng/ml



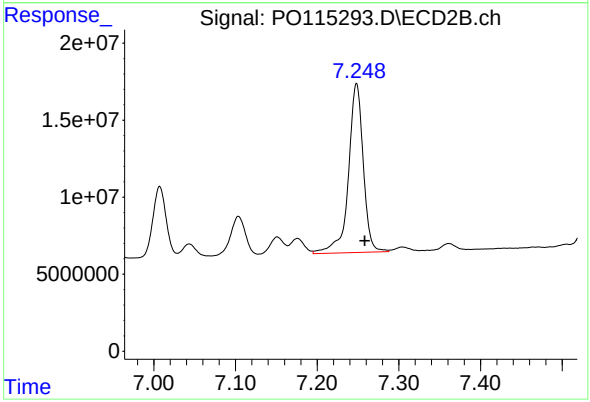
#35 AR-1260-5

R.T.: 8.200 min
Delta R.T.: -0.009 min
Response: 129156941
Conc: 181.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 138275713
Conc: 168.29 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG7	SDG No.:	Q3673
Lab Sample ID:	Q3673-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.5
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/20/25 15:50	PB170650
11104-28-2	Aroclor-1221	20.8	U	1	4.90	20.8	ug/kg	11/20/25 15:50	PB170650
11141-16-5	Aroclor-1232	20.8	U	1	4.60	20.8	ug/kg	11/20/25 15:50	PB170650
53469-21-9	Aroclor-1242	20.8	U	1	4.90	20.8	ug/kg	11/20/25 15:50	PB170650
12672-29-6	Aroclor-1248	20.8	U	1	7.30	20.8	ug/kg	11/20/25 15:50	PB170650
11097-69-1	Aroclor-1254	20.8	U	1	3.90	20.8	ug/kg	11/20/25 15:50	PB170650
37324-23-5	Aroclor-1262	20.8	U	1	6.20	20.8	ug/kg	11/20/25 15:50	PB170650
11100-14-4	Aroclor-1268	20.8	U	1	4.40	20.8	ug/kg	11/20/25 15:50	PB170650
11096-82-5	Aroclor-1260	35.9		1	4.00	20.8	ug/kg	11/20/25 15:50	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.9			21 - 165	95%	SPK: 20		
2051-24-3	Decachlorobiphenyl	11.3			10 - 170	57%	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\PO112025\
Data File : PO115270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 15:50
Operator : YP/AJ
Sample : Q3673-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AG7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:51:58 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...	4.342	3.645	131.1E6	84597391	18.622	18.939
2)	SA Decachlor...	9.920	8.630	47021016	44201561	10.638	11.323
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.199	23987306	23946349	78.484	80.870
32)	L7 AR-1260-2	7.318	6.386	36151751	35626435	91.321	82.846
33)	L7 AR-1260-3	7.675	6.538	30138317	26831103	90.828	76.409
34)	L7 AR-1260-4	7.896	7.009	29651189	24934014	97.211	82.283
35)	L7 AR-1260-5	8.202	7.250	58077002	60731468	81.429	73.916

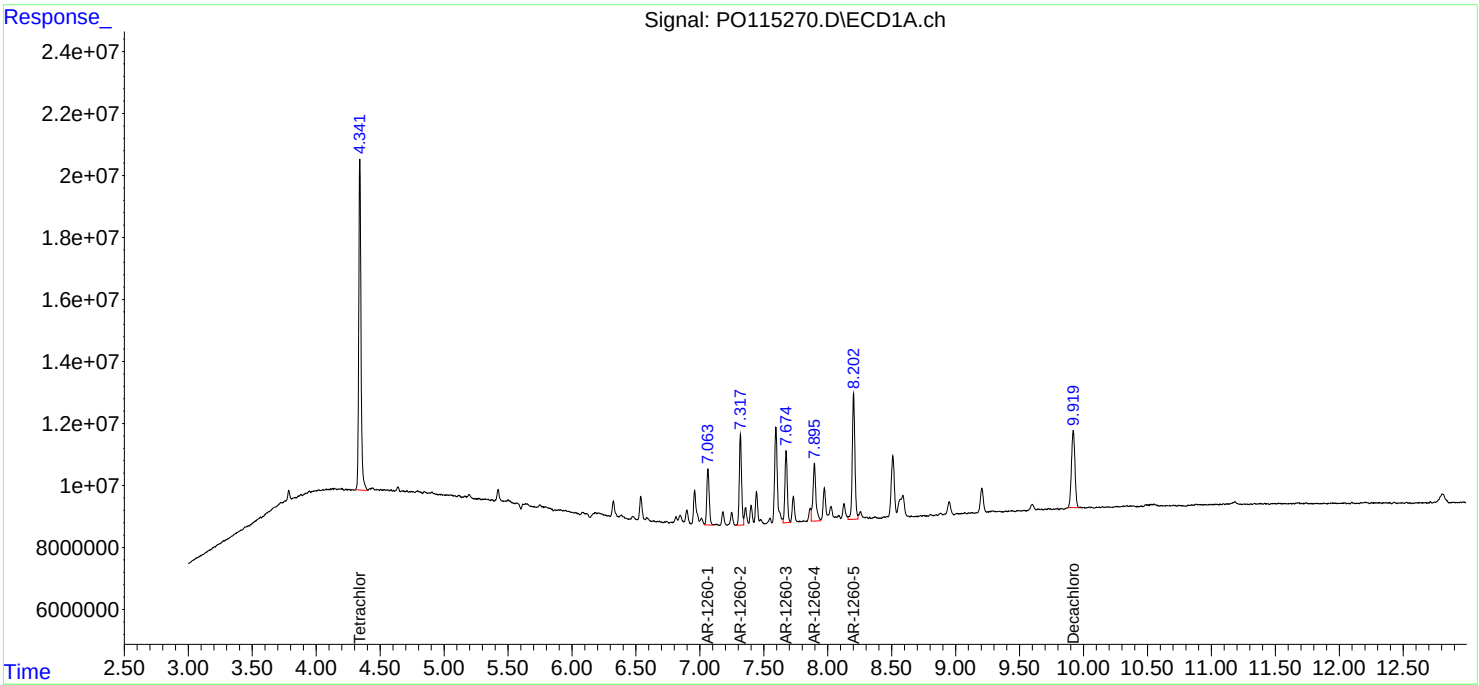
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

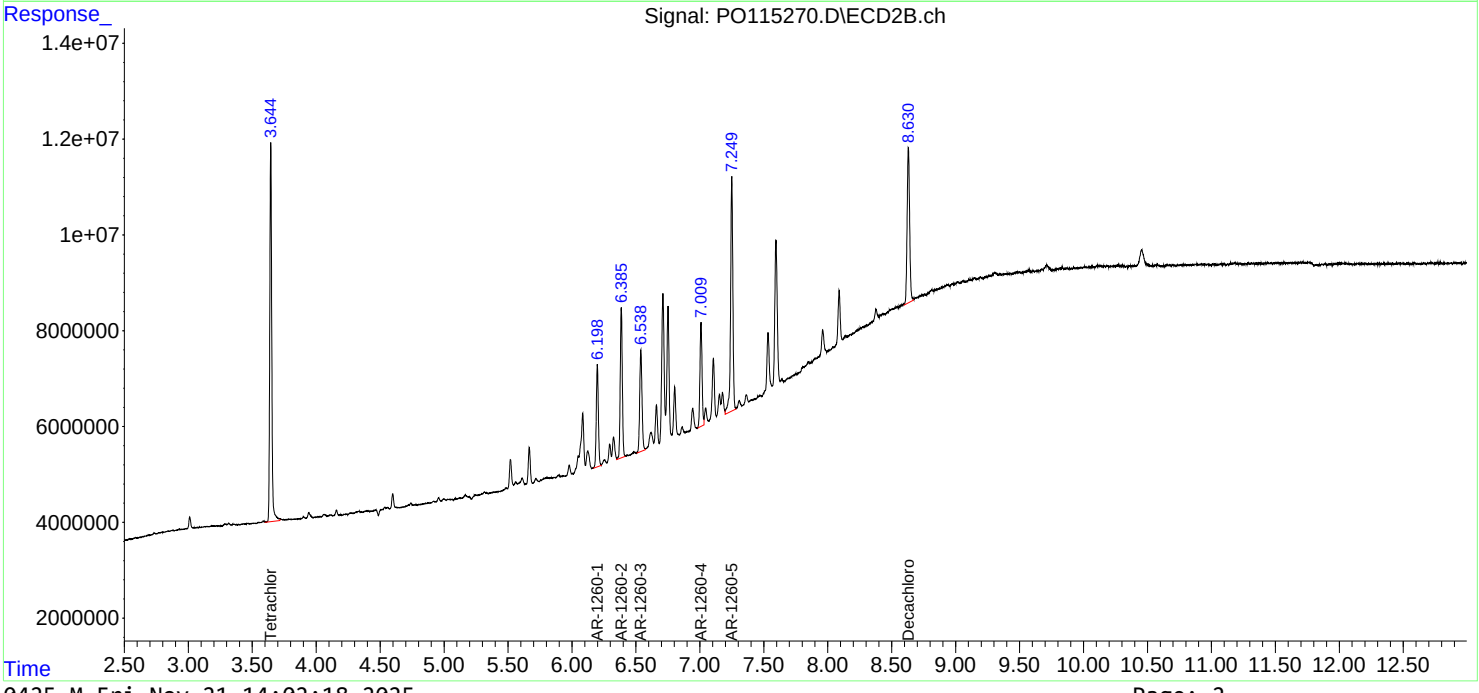
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 15:50
Operator : YP/AJ
Sample : Q3673-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

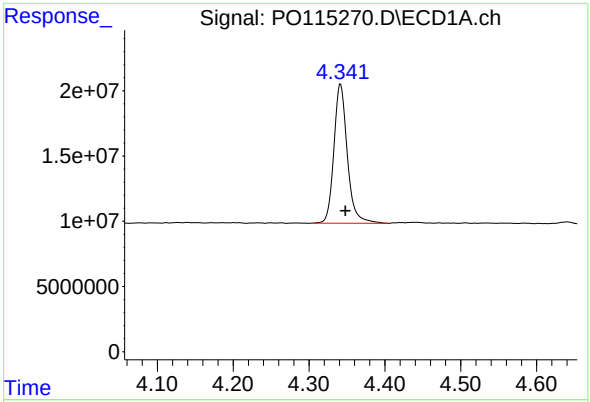
Instrument :
ECD_O
ClientSampleId :
C0AG7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:51:58 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



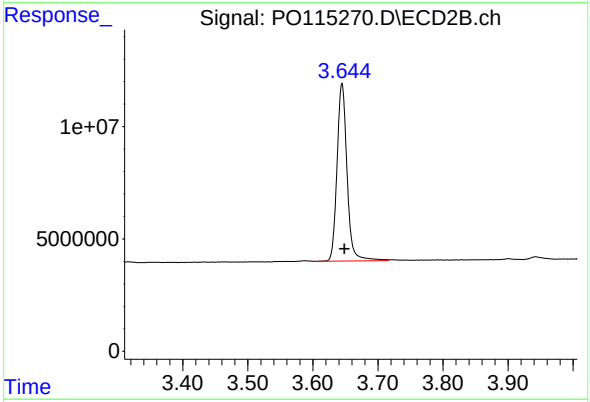




#1 Tetrachloro-m-xylene

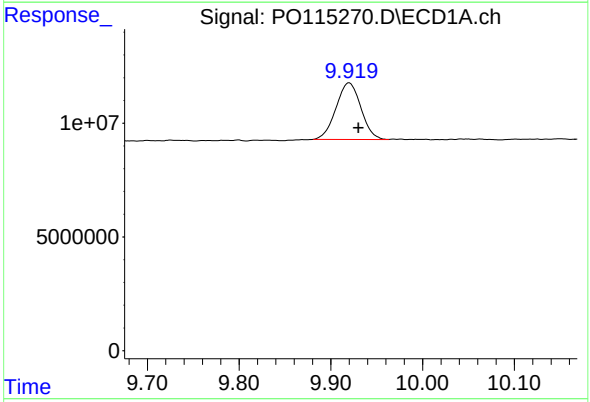
R.T.: 4.342 min
Delta R.T.: -0.006 min
Response: 131060709
Conc: 18.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG7



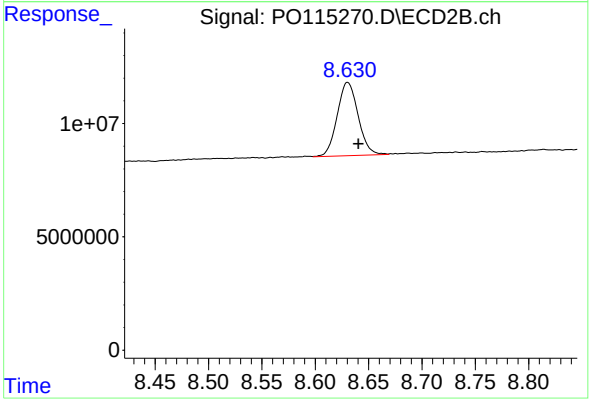
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.003 min
Response: 84597391
Conc: 18.94 ng/ml



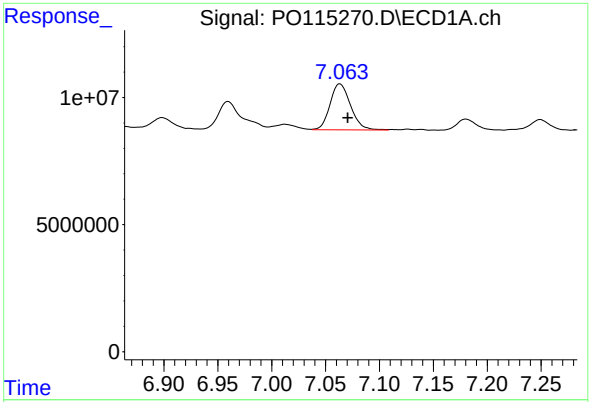
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 47021016
Conc: 10.64 ng/ml



#2 Decachlorobiphenyl

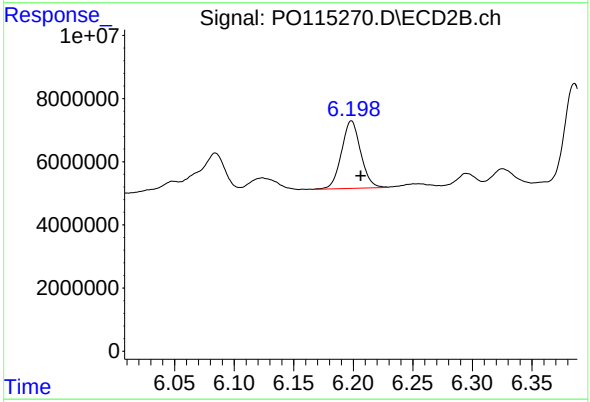
R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 44201561
Conc: 11.32 ng/ml



#31 AR-1260-1

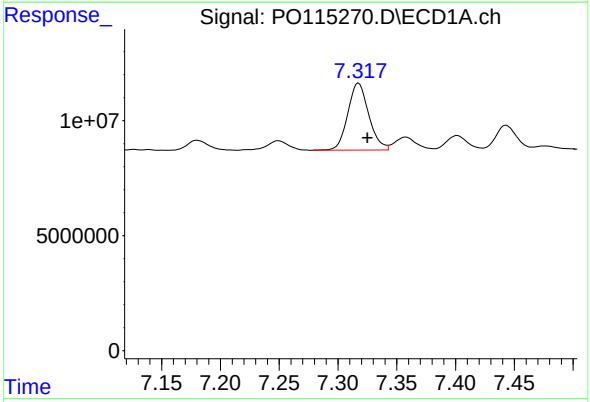
R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 23987306
Conc: 78.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG7



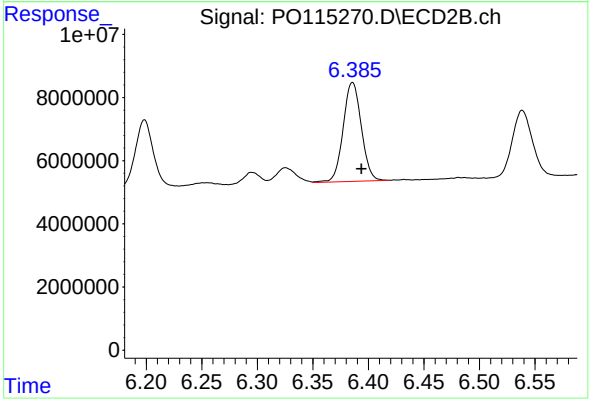
#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: -0.008 min
Response: 23946349
Conc: 80.87 ng/ml



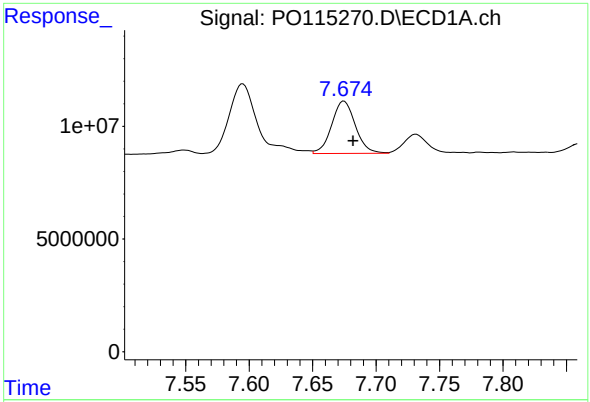
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 36151751
Conc: 91.32 ng/ml



#32 AR-1260-2

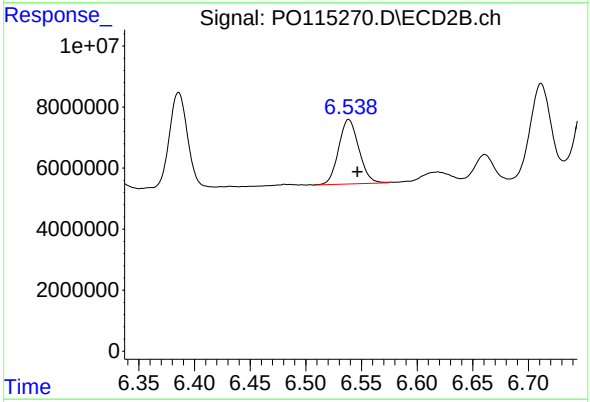
R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 35626435
Conc: 82.85 ng/ml



#33 AR-1260-3

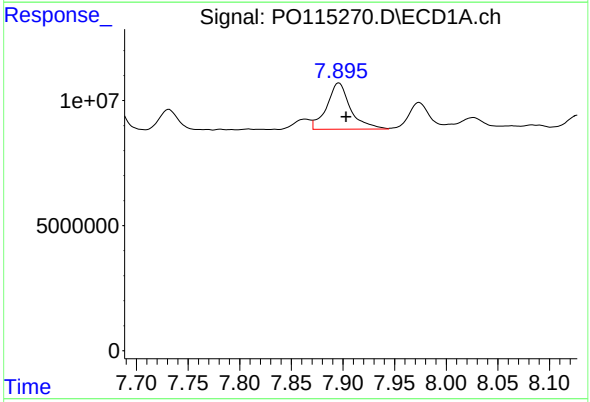
R.T.: 7.675 min
Delta R.T.: -0.007 min
Response: 30138317
Conc: 90.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG7



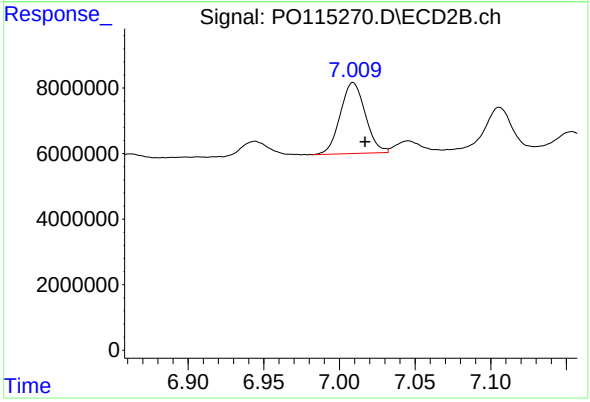
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.008 min
Response: 26831103
Conc: 76.41 ng/ml



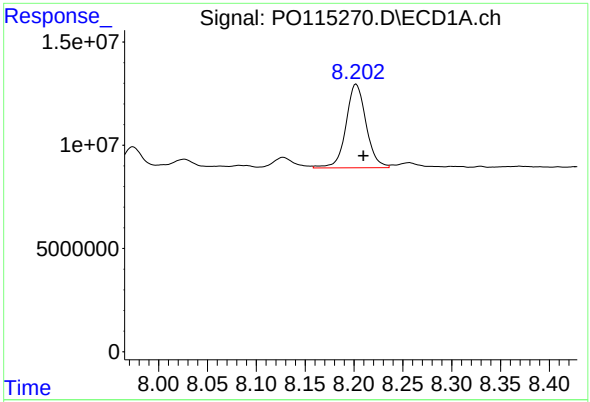
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 29651189
Conc: 97.21 ng/ml



#34 AR-1260-4

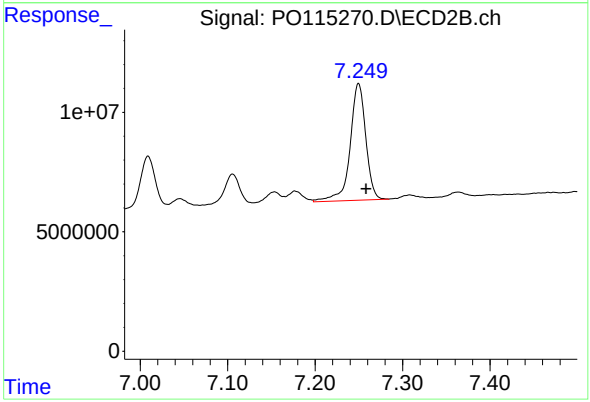
R.T.: 7.009 min
Delta R.T.: -0.008 min
Response: 24934014
Conc: 82.28 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 58077002
Conc: 81.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG7



#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.009 min
Response: 60731468
Conc: 73.92 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG8	SDG No.:	Q3673
Lab Sample ID:	Q3673-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.5
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.3	U	1	4.70	20.3	ug/kg	11/20/25 19:31	PB170650
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/20/25 19:31	PB170650
11141-16-5	Aroclor-1232	20.3	U	1	4.50	20.3	ug/kg	11/20/25 19:31	PB170650
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/20/25 19:31	PB170650
12672-29-6	Aroclor-1248	20.3	U	1	7.10	20.3	ug/kg	11/20/25 19:31	PB170650
11097-69-1	Aroclor-1254	20.3	U	1	3.80	20.3	ug/kg	11/20/25 19:31	PB170650
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/20/25 19:31	PB170650
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/20/25 19:31	PB170650
11096-82-5	Aroclor-1260	167		1	3.90	20.3	ug/kg	11/20/25 19:31	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.8			21 - 165	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.3			10 - 170	76%	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\PO112025\
Data File : PO115277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 19:31
Operator : YP/AJ
Sample : Q3673-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AG8

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:53:51 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	158.8E6	101.8E6	22.567	22.796
2)	SA Decachlor...	9.918	8.630	64766649	59648875	14.652	15.280
	Target Compounds						
31)	L7 AR-1260-1	7.062	6.197	119.3E6	112.4E6	390.347	379.465
32)	L7 AR-1260-2	7.317	6.385	182.3E6	164.0E6	460.609	381.474
33)	L7 AR-1260-3	7.674	6.537	142.4E6	122.6E6	429.148	349.135
34)	L7 AR-1260-4	7.895	7.008	136.8E6	106.0E6	448.565m	349.954
35)	L7 AR-1260-5	8.201	7.249	262.3E6	287.1E6	367.726	349.374

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

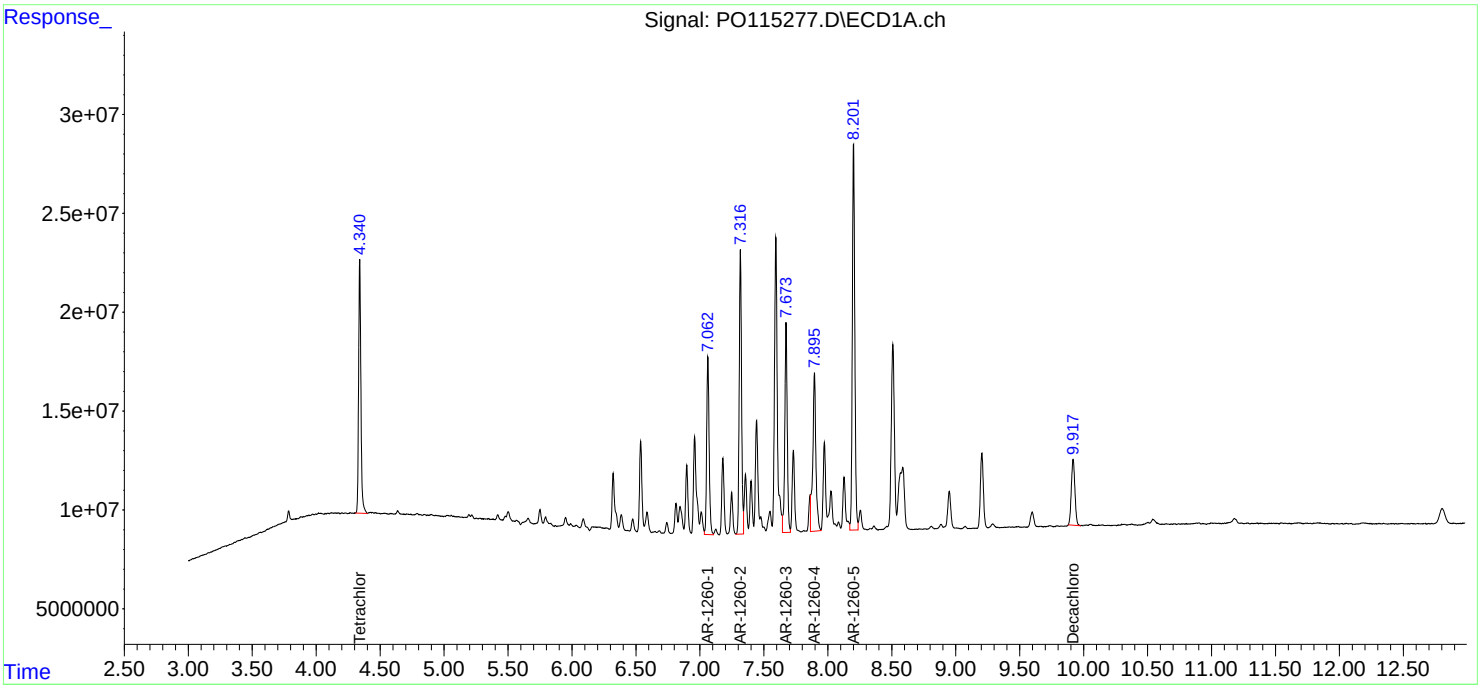
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 19:31
Operator : YP/AJ
Sample : Q3673-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

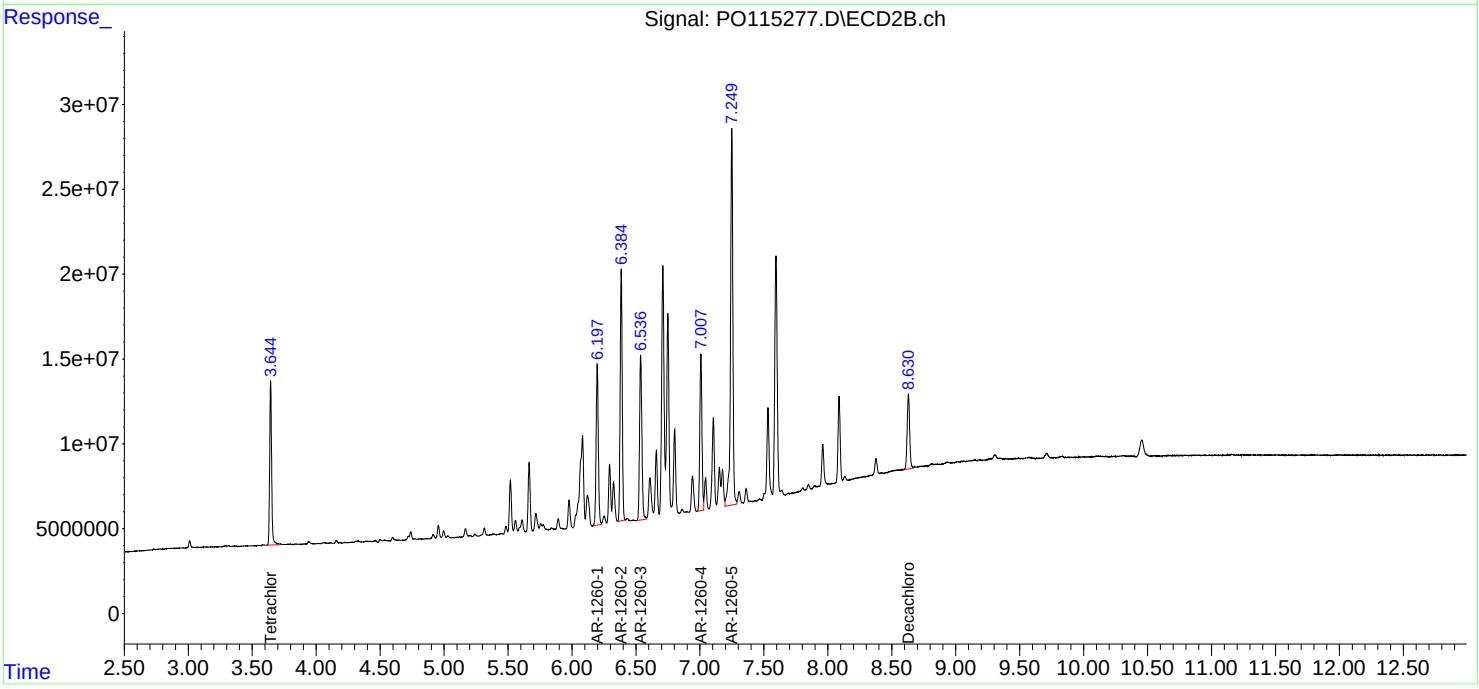
Instrument :
ECD_O
ClientSampleId :
C0AG8

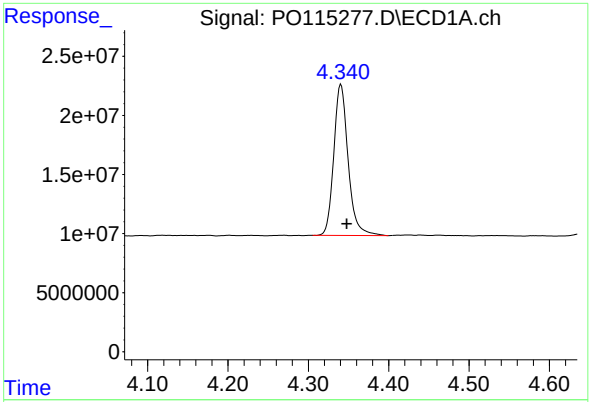
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:53:51 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







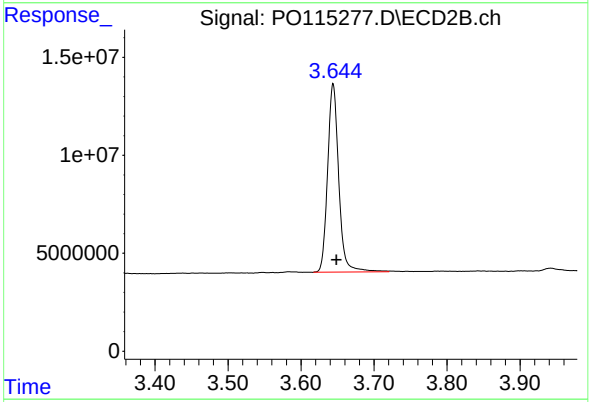
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 158831390
Conc: 22.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG8

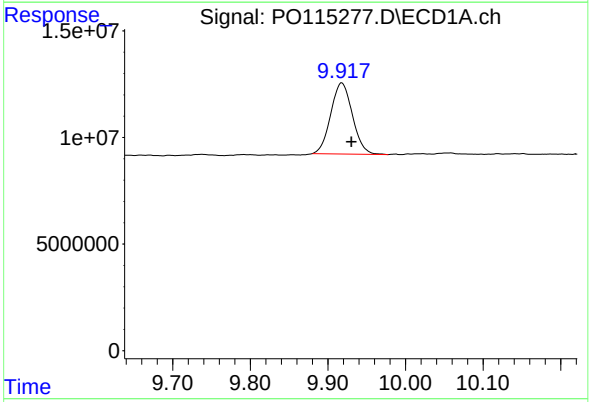
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



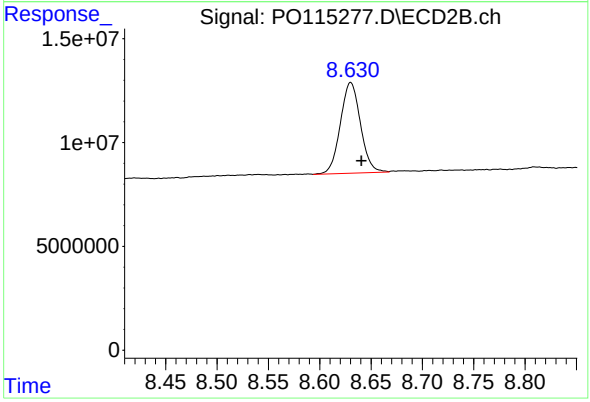
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 101825538
Conc: 22.80 ng/ml



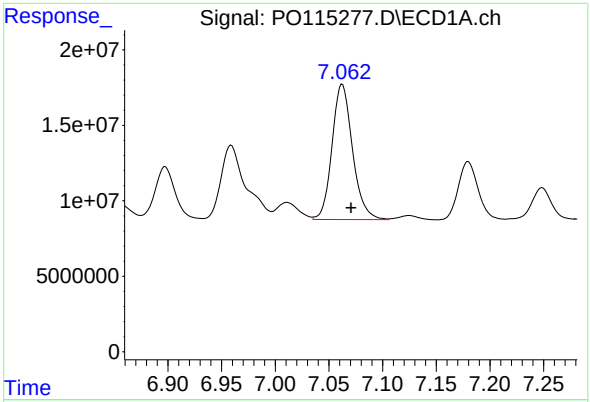
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 64766649
Conc: 14.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 59648875
Conc: 15.28 ng/ml



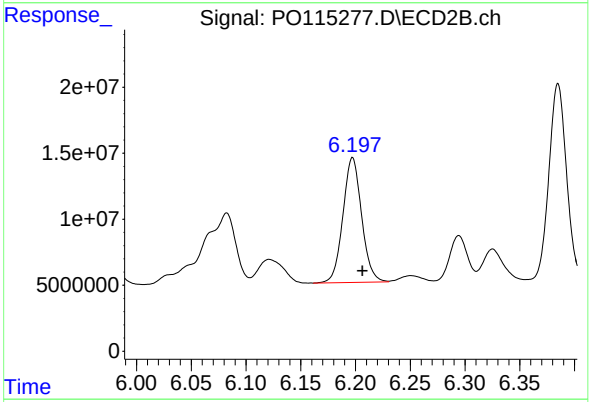
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 119302984
Conc: 390.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG8

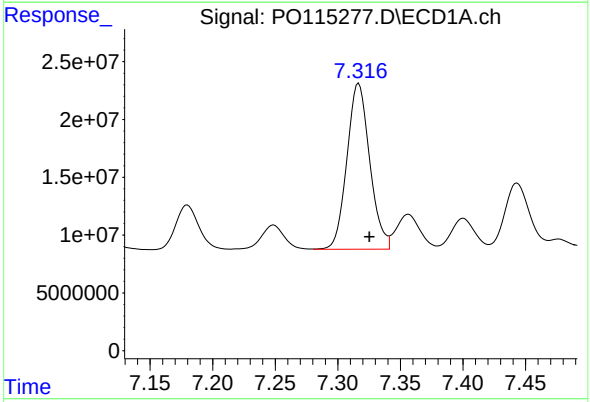
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



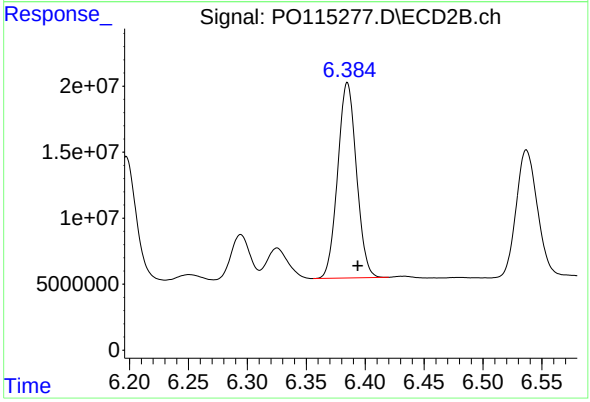
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 112362310
Conc: 379.46 ng/ml



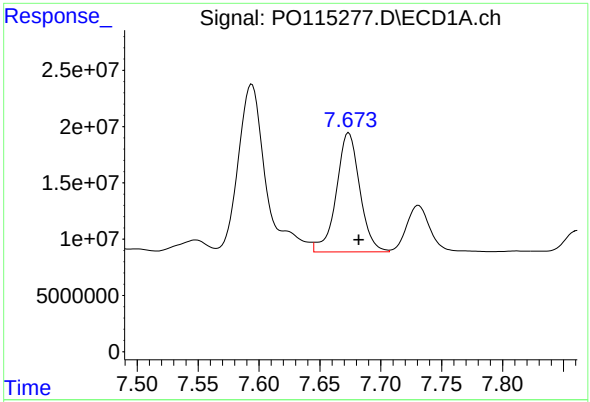
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 182344445
Conc: 460.61 ng/ml



#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 164045752
Conc: 381.47 ng/ml



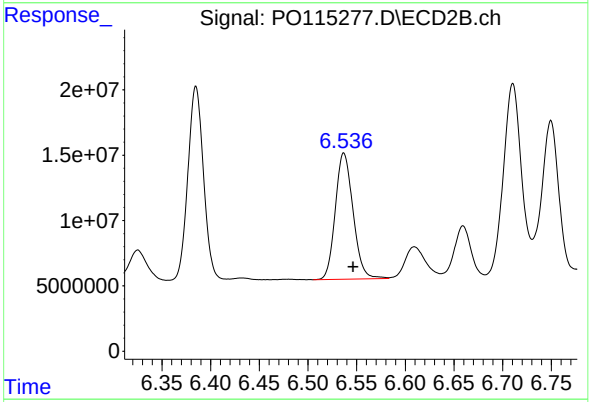
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 142399103
Conc: 429.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG8

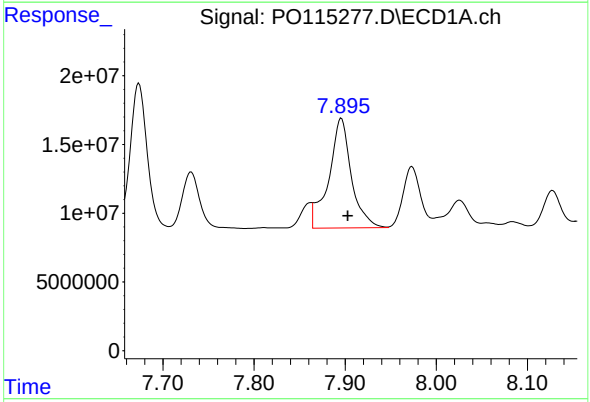
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



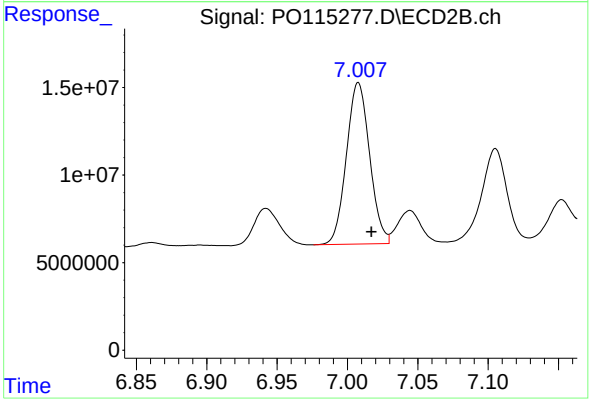
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 122599207
Conc: 349.13 ng/ml



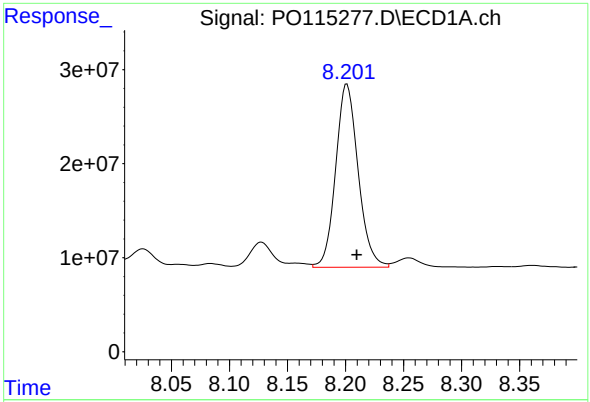
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 136821441
Conc: 448.57 ng/ml m



#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 106046163
Conc: 349.95 ng/ml



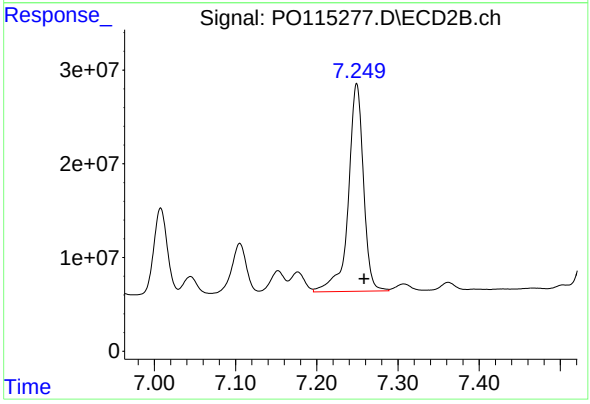
#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 262268789
Conc: 367.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG8

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 287055185
Conc: 349.37 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG9	SDG No.:	Q3673
Lab Sample ID:	Q3673-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.1
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.7	U	1	4.80	20.7	ug/kg	11/20/25 19:49	PB170650
11104-28-2	Aroclor-1221	20.7	U	1	4.90	20.7	ug/kg	11/20/25 19:49	PB170650
11141-16-5	Aroclor-1232	20.7	U	1	4.50	20.7	ug/kg	11/20/25 19:49	PB170650
53469-21-9	Aroclor-1242	20.7	U	1	4.90	20.7	ug/kg	11/20/25 19:49	PB170650
12672-29-6	Aroclor-1248	20.7	U	1	7.20	20.7	ug/kg	11/20/25 19:49	PB170650
11097-69-1	Aroclor-1254	185		1	3.90	20.7	ug/kg	11/20/25 19:49	PB170650
37324-23-5	Aroclor-1262	20.7	U	1	6.10	20.7	ug/kg	11/20/25 19:49	PB170650
11100-14-4	Aroclor-1268	20.7	U	1	4.40	20.7	ug/kg	11/20/25 19:49	PB170650
11096-82-5	Aroclor-1260	134		1	3.90	20.7	ug/kg	11/20/25 19:49	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.4			21 - 165	117%	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\PO112025\
Data File : PO115278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 19:49
Operator : YP/AJ
Sample : Q3673-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AG9

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:22:05 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	163.3E6	104.5E6	23.198	23.395
2)	SA Decachlor...	9.919	8.630	81941739	75733355	18.538	19.400
	Target Compounds						
26)	L6 AR-1254-1	6.322	5.518	94684093	91194275	373.611	303.799
27)	L6 AR-1254-2	6.538	5.666	139.4E6	88080188	376.435m	326.698
28)	L6 AR-1254-3	6.898	6.067	134.3E6	163.9E6	348.882	388.194
29)	L6 AR-1254-4	7.180	6.295	130.1E6	107.3E6	395.660	360.645
30)	L6 AR-1254-5	7.595	6.711	237.6E6	203.4E6	787.210	511.764 #
31)	L7 AR-1260-1	7.063	6.198	104.0E6	111.2E6	340.284	375.572
32)	L7 AR-1260-2	7.317	6.385	158.3E6	138.1E6	399.769	321.047
33)	L7 AR-1260-3	7.674	6.537	93498424	104.6E6	281.776	297.815
34)	L7 AR-1260-4	7.894	7.009	122.4E6	66116815	401.269	218.187 #
35)	L7 AR-1260-5	8.202	7.250	162.3E6	199.4E6	227.608	242.694

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

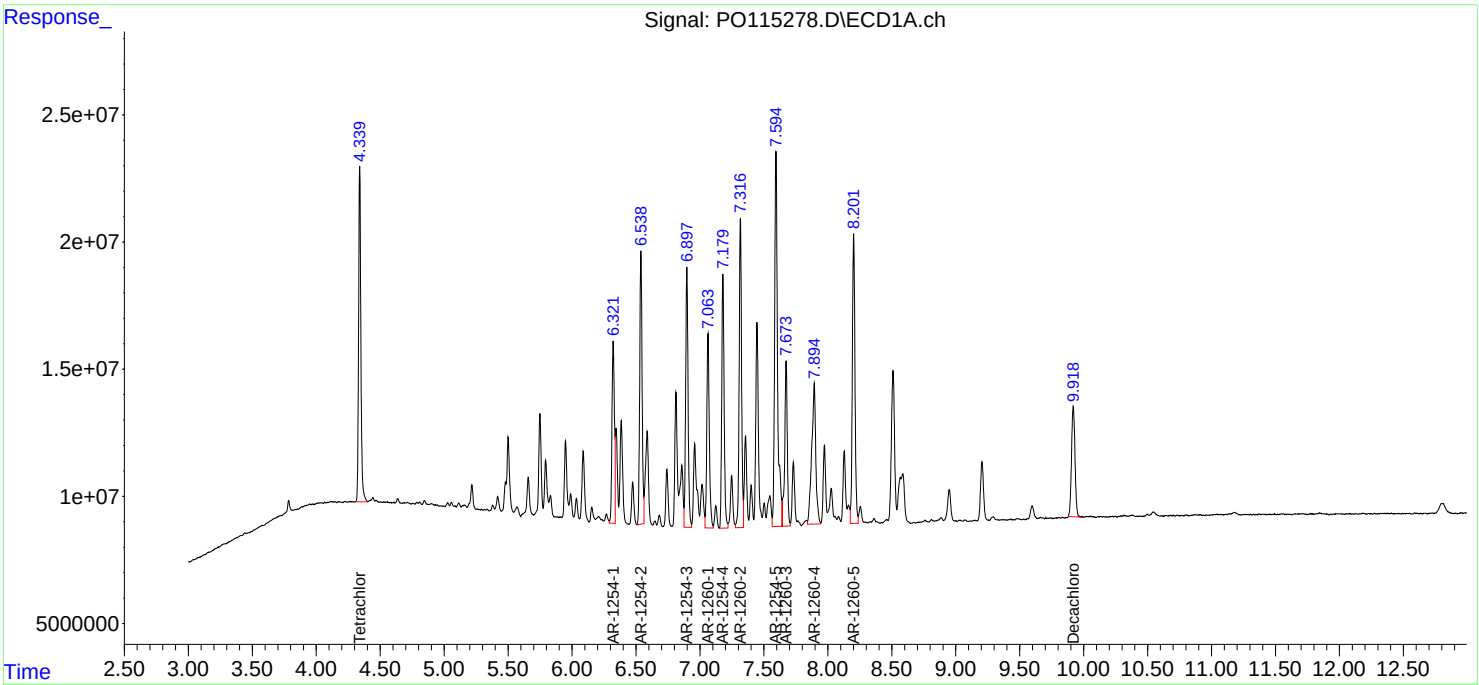
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 19:49
Operator : YP/AJ
Sample : Q3673-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

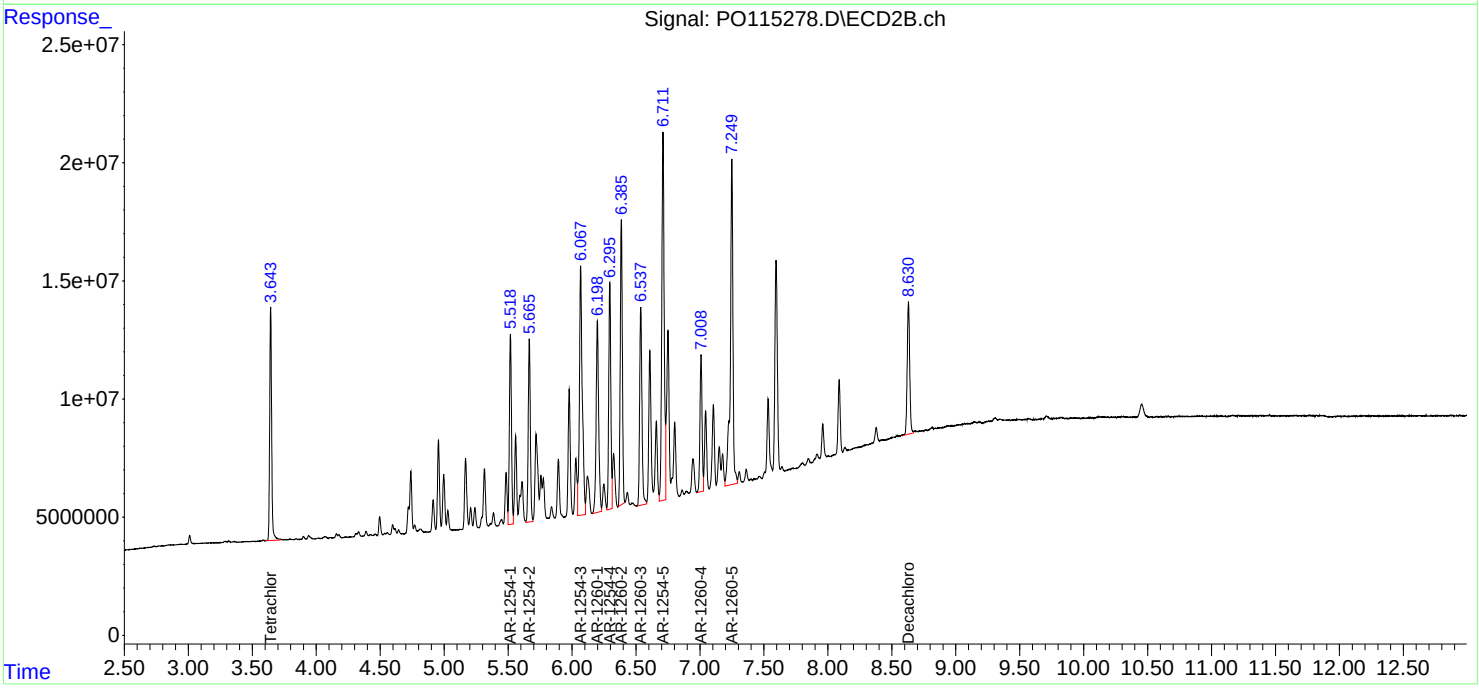
Instrument :
ECD_O
ClientSampleId :
C0AG9

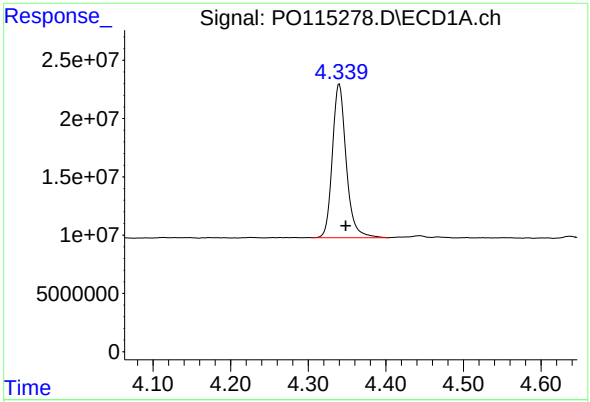
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:22:05 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







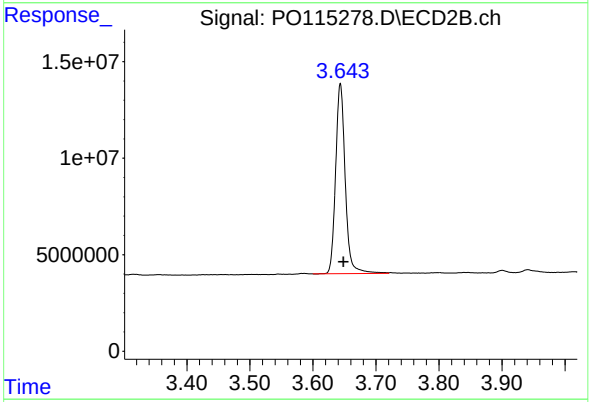
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 163268239
Conc: 23.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG9

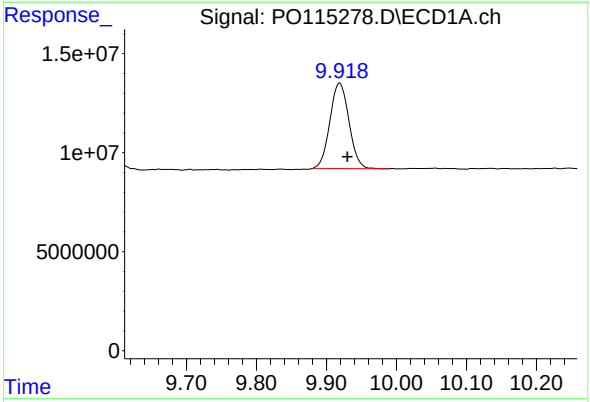
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



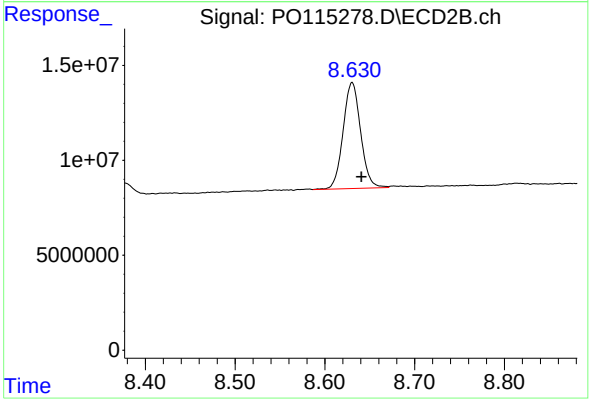
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 104501222
Conc: 23.40 ng/ml



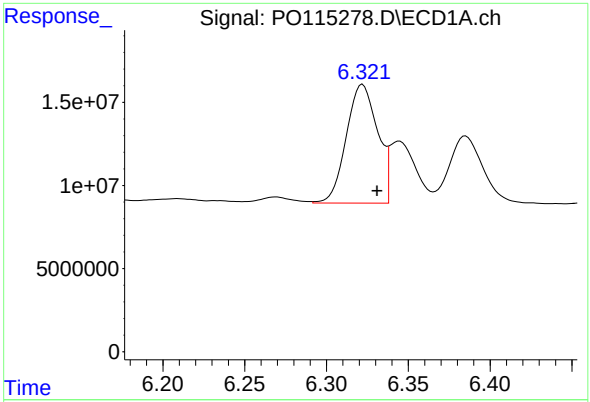
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 81941739
Conc: 18.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 75733355
Conc: 19.40 ng/ml



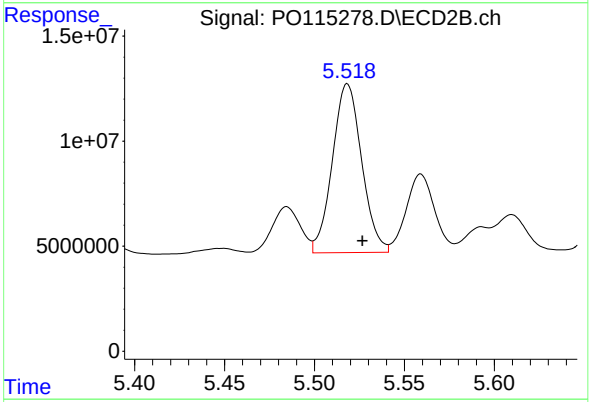
#26 AR-1254-1

R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 94684093
Conc: 373.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG9

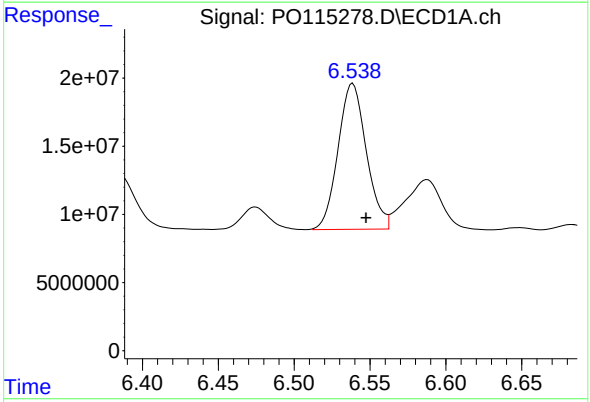
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



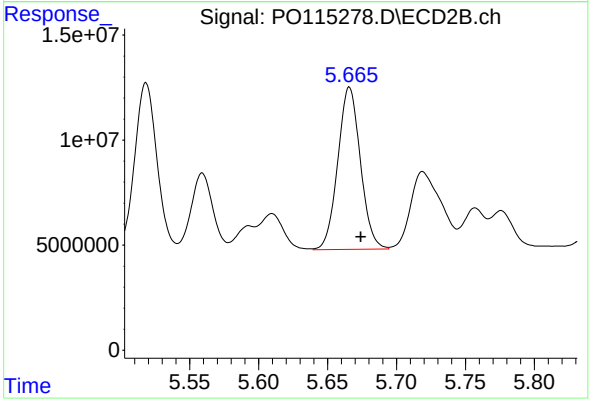
#26 AR-1254-1

R.T.: 5.518 min
Delta R.T.: -0.008 min
Response: 91194275
Conc: 303.80 ng/ml



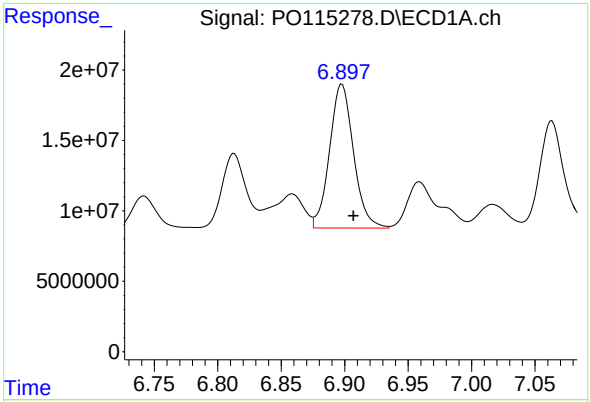
#27 AR-1254-2

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 139448350
Conc: 376.44 ng/ml m



#27 AR-1254-2

R.T.: 5.666 min
Delta R.T.: -0.008 min
Response: 88080188
Conc: 326.70 ng/ml



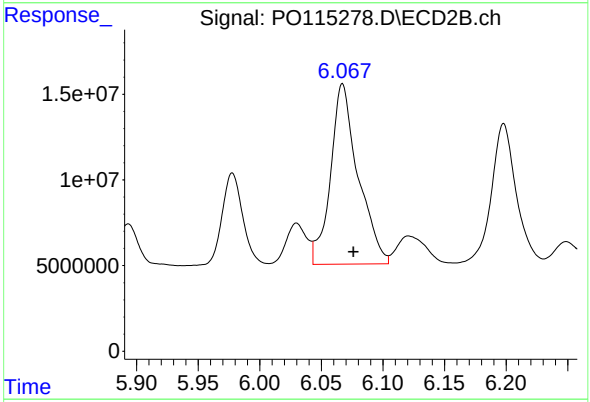
#28 AR-1254-3

R.T.: 6.898 min
Delta R.T.: -0.009 min
Response: 134272241
Conc: 348.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG9

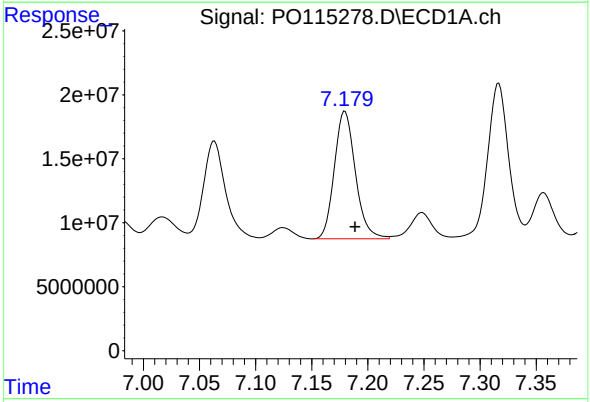
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



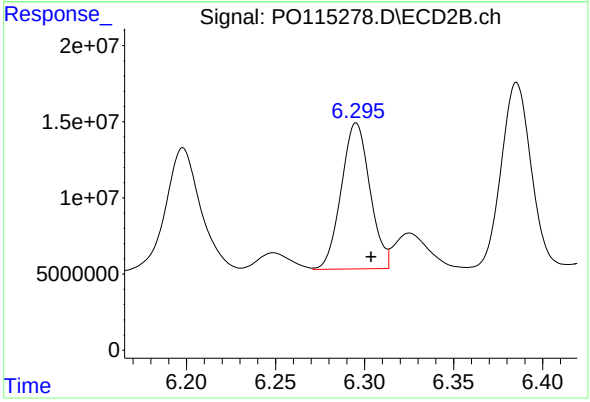
#28 AR-1254-3

R.T.: 6.067 min
Delta R.T.: -0.009 min
Response: 163912961
Conc: 388.19 ng/ml



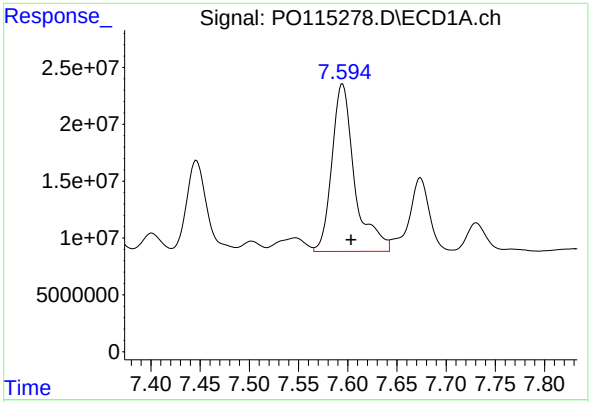
#29 AR-1254-4

R.T.: 7.180 min
Delta R.T.: -0.009 min
Response: 130059909
Conc: 395.66 ng/ml



#29 AR-1254-4

R.T.: 6.295 min
Delta R.T.: -0.008 min
Response: 107253790
Conc: 360.65 ng/ml



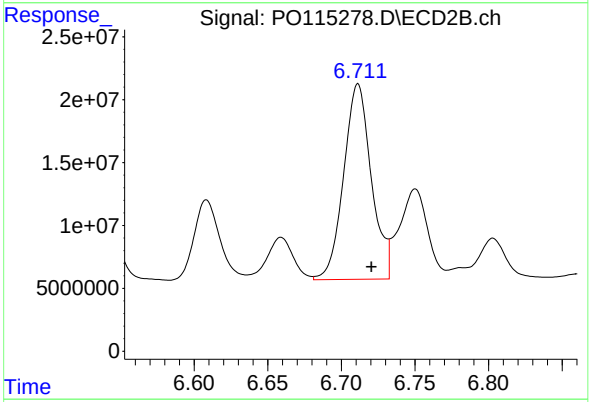
#30 AR-1254-5

R.T.: 7.595 min
Delta R.T.: -0.009 min
Response: 237622150
Conc: 787.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG9

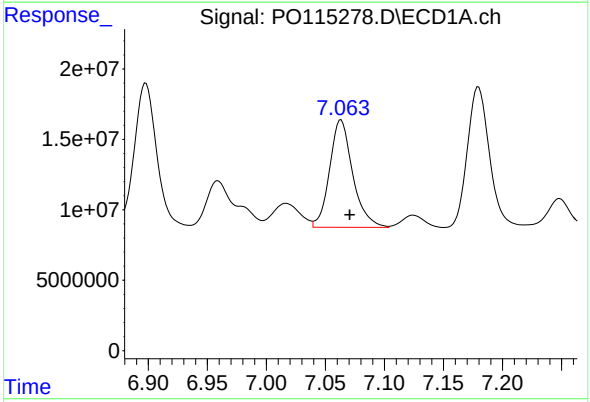
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



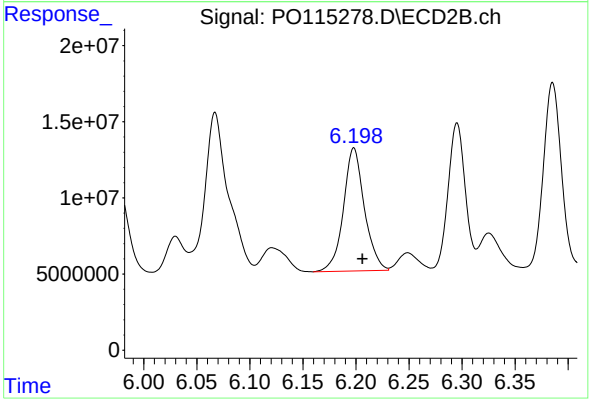
#30 AR-1254-5

R.T.: 6.711 min
Delta R.T.: -0.009 min
Response: 203439650
Conc: 511.76 ng/ml



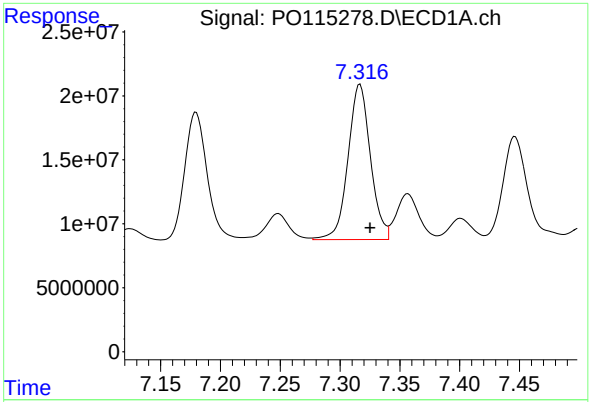
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 104002152
Conc: 340.28 ng/ml



#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.008 min
Response: 111209775
Conc: 375.57 ng/ml



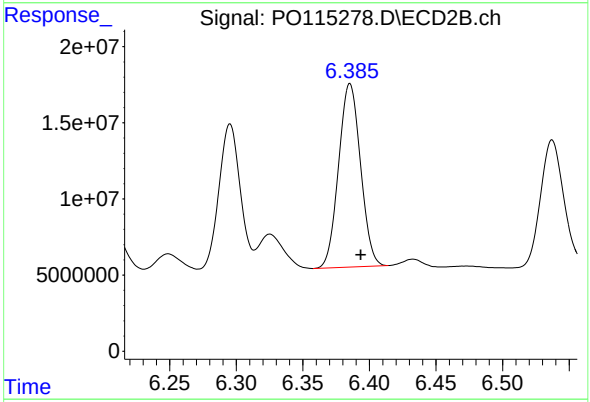
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 158259388
Conc: 399.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG9

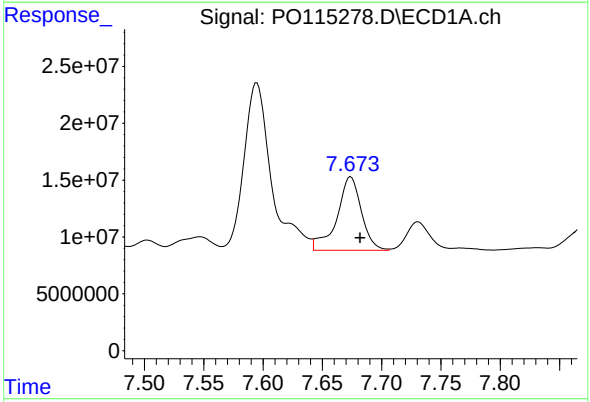
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



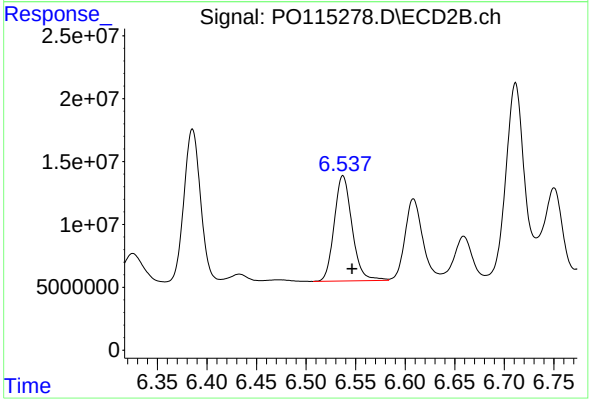
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.008 min
Response: 138060419
Conc: 321.05 ng/ml



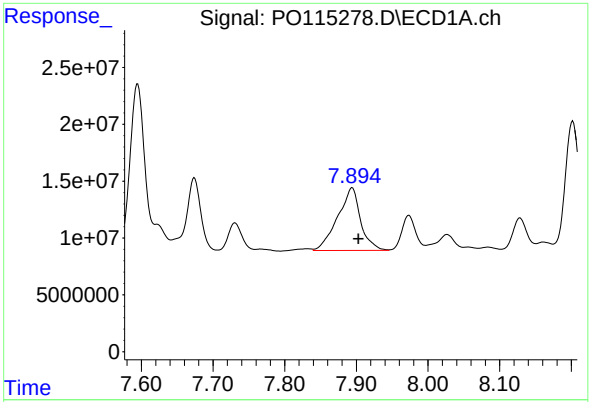
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 93498424
Conc: 281.78 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 104578267
Conc: 297.82 ng/ml



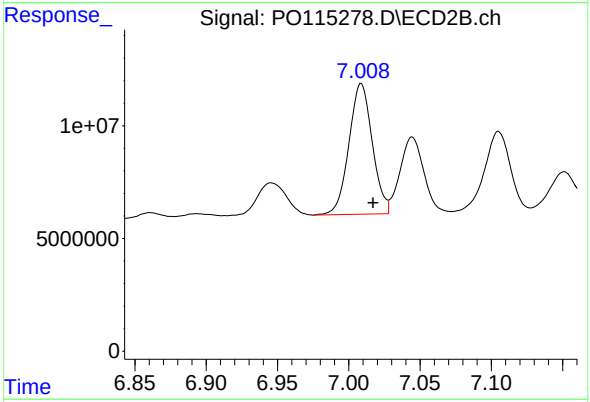
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 122395041
Conc: 401.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AG9

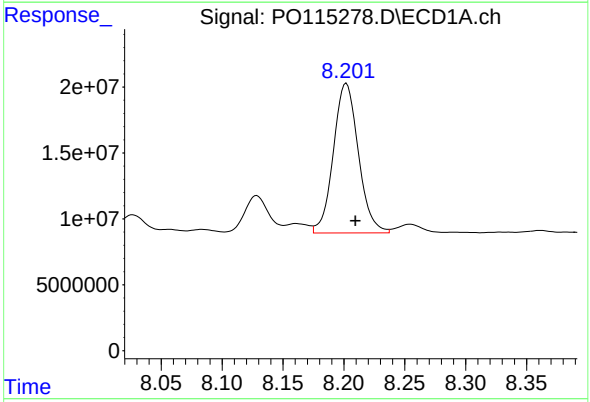
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



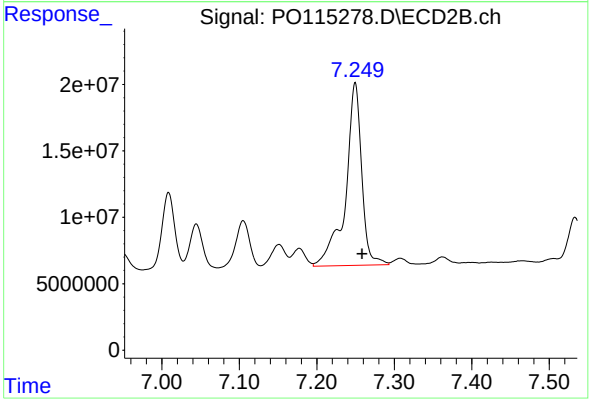
#34 AR-1260-4

R.T.: 7.009 min
Delta R.T.: -0.008 min
Response: 66116815
Conc: 218.19 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.008 min
Response: 162333970
Conc: 227.61 ng/ml



#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.009 min
Response: 199403928
Conc: 242.69 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH0	SDG No.:	Q3673
Lab Sample ID:	Q3673-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.4	U	1	4.80	20.4	ug/kg	11/20/25 20:08	PB170650
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/20/25 20:08	PB170650
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/20/25 20:08	PB170650
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/20/25 20:08	PB170650
12672-29-6	Aroclor-1248	1500	E	1	7.10	20.4	ug/kg	11/20/25 20:08	PB170650
11097-69-1	Aroclor-1254	857	E	1	3.90	20.4	ug/kg	11/20/25 20:08	PB170650
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/20/25 20:08	PB170650
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/20/25 20:08	PB170650
11096-82-5	Aroclor-1260	307		1	3.90	20.4	ug/kg	11/20/25 20:08	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.9			21 - 165	105%	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\PO112025\
Data File : PO115279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:08
Operator : YP/AJ
Sample : Q3673-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH0

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 12:46:34 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...	4.339	3.644	146.6E6	93585618	20.823m	20.951
2)	SA Decachlor...	9.917	8.629	70788755	65748182	16.015	16.842
	Target Compounds						
21)	L5 AR-1248-1	5.480	4.720	638.9E6	503.6E6	4568.431	4607.262m
22)	L5 AR-1248-2	5.750	4.956	708.3E6	462.4E6	3642.113	3105.670
23)	L5 AR-1248-3	5.949	4.997	835.7E6	540.5E6	3963.706	3478.082
24)	L5 AR-1248-4	6.346	5.167	731.4E6	659.5E6	2895.449	3598.648
25)	L5 AR-1248-5	6.384	5.559	754.9E6	540.9E6	3201.680	2934.636
26)	L6 AR-1254-1	6.320	5.517	709.8E6	820.0E6	2800.912	2731.533
27)	L6 AR-1254-2	6.538	5.665	888.7E6	387.6E6	2399.101m	1437.828 #
28)	L6 AR-1254-3	6.898	6.067	640.9E6	655.2E6	1665.381	1551.742
29)	L6 AR-1254-4	7.179	6.294	590.5E6	485.7E6	1796.236	1633.211
30)	L6 AR-1254-5	7.594	6.711	611.3E6	599.1E6	2025.170	1507.034 #
31)	L7 AR-1260-1	7.062	6.198	293.7E6	388.6E6	961.109	1312.322 #
32)	L7 AR-1260-2	7.316	6.384	442.0E6	360.7E6	1116.464	838.802
33)	L7 AR-1260-3	7.674	6.536	198.2E6	288.5E6	597.206	821.632 #
34)	L7 AR-1260-4	7.891	7.008	170.1E6	127.7E6	557.616m	421.352
35)	L7 AR-1260-5	8.201	7.248	336.9E6	354.1E6	472.433	430.922

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:08
Operator : YP/AJ
Sample : Q3673-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH0

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
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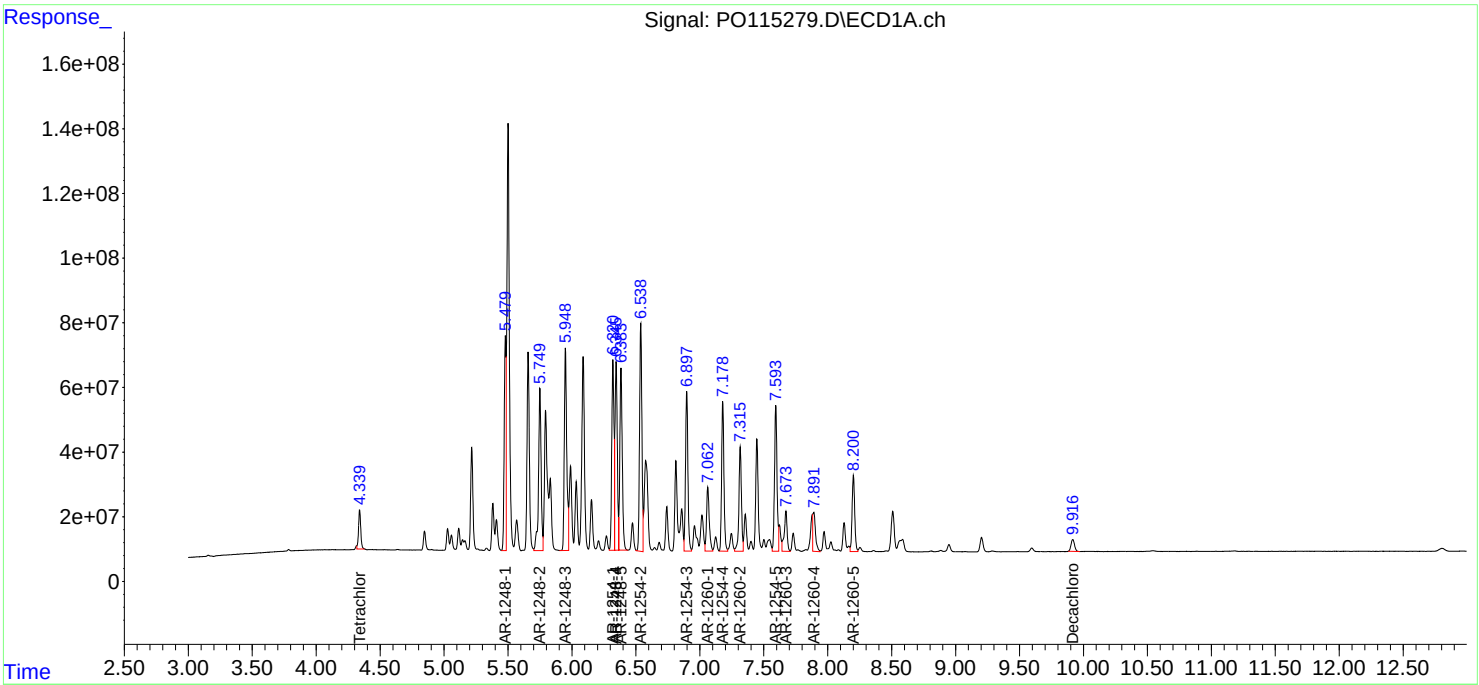
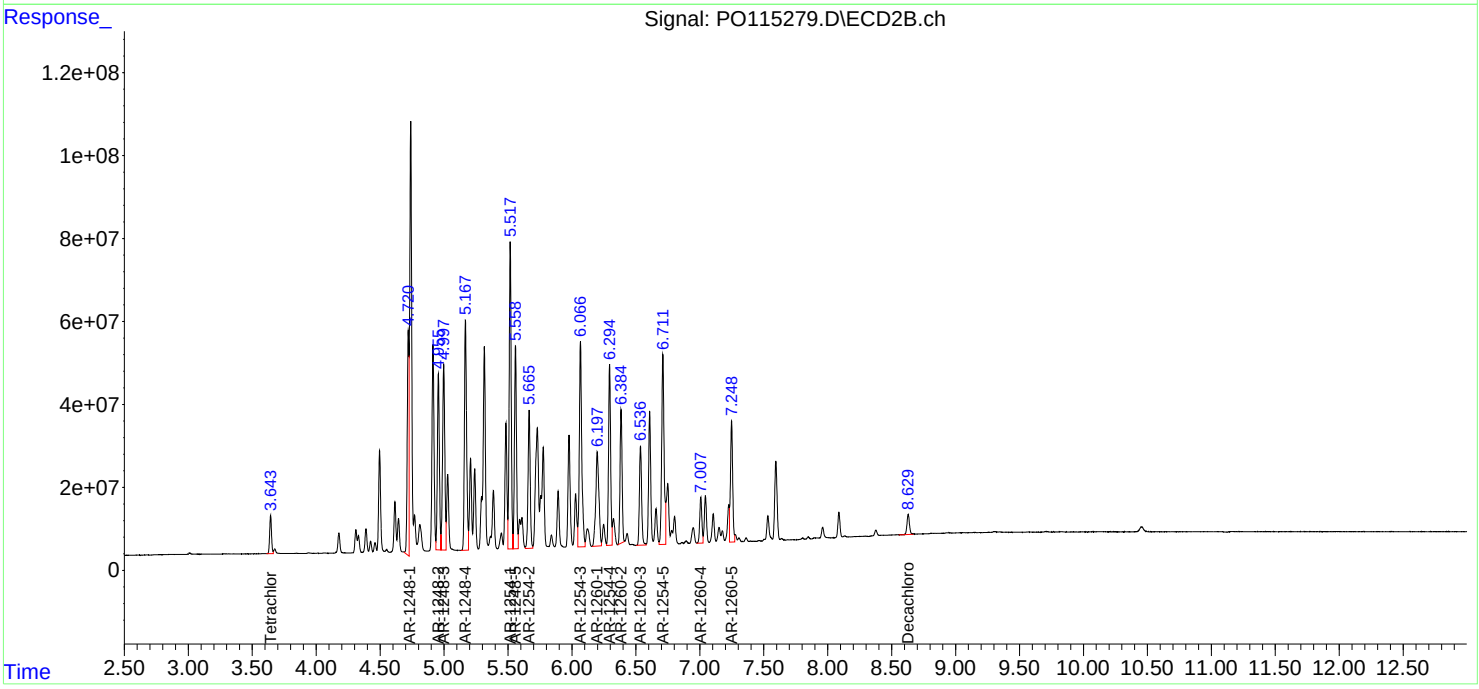
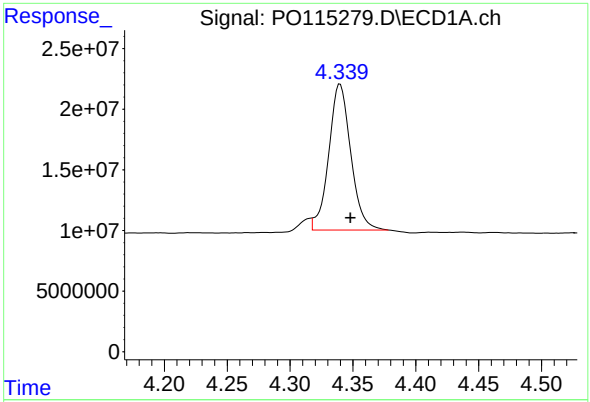
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 12:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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.: 4.339 min
Delta R.T.: -0.009 min
Response: 146554377
Conc: 20.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0

Manual Integrations APPROVED

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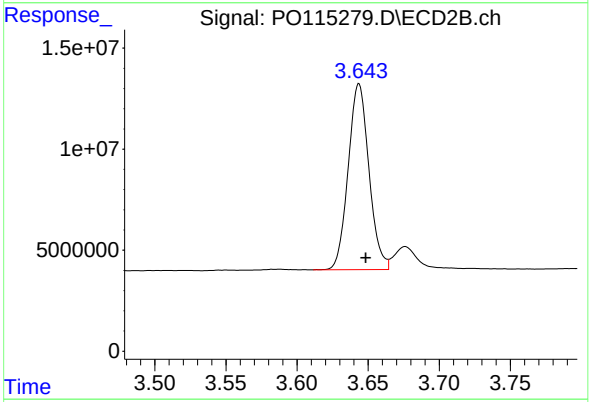
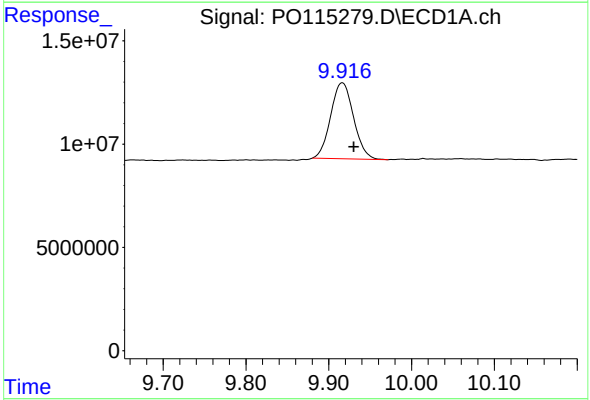


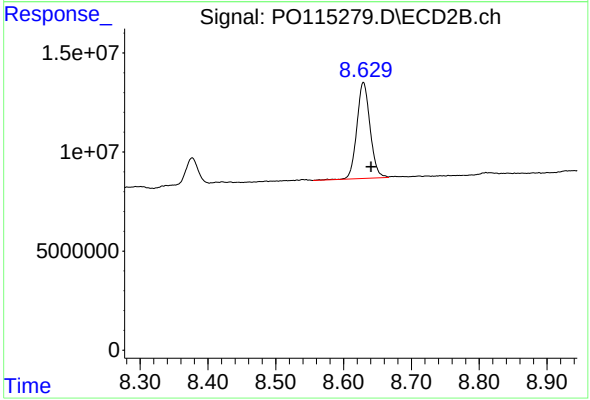
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 93585618
Conc: 20.95 ng/ml



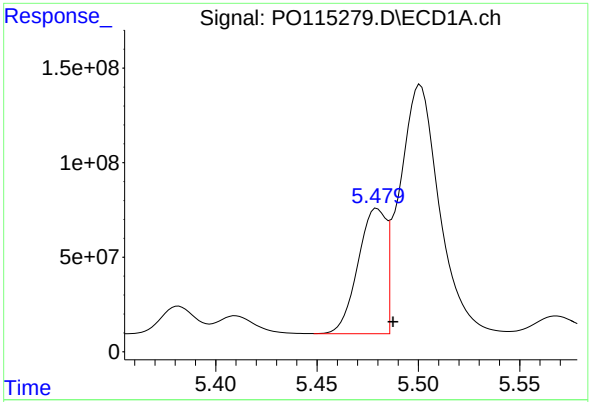
#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.014 min
Response: 70788755
Conc: 16.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.011 min
Response: 65748182
Conc: 16.84 ng/ml



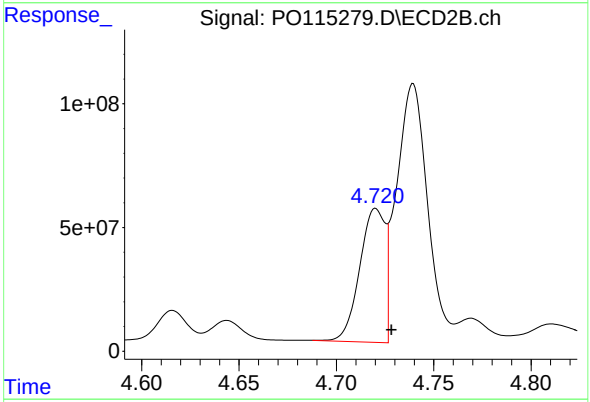
#21 AR-1248-1

R.T.: 5.480 min
Delta R.T.: -0.008 min
Response: 638875413
Conc: 4568.43 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH0

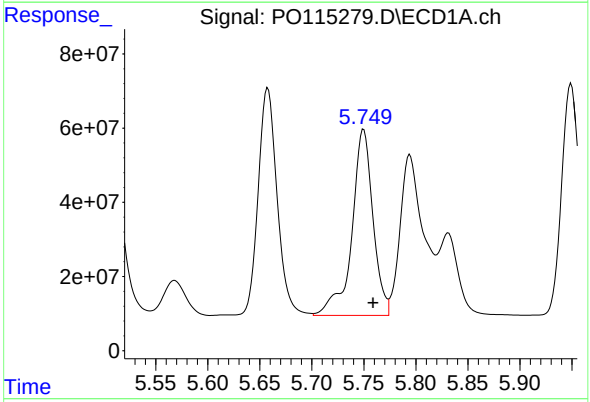
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



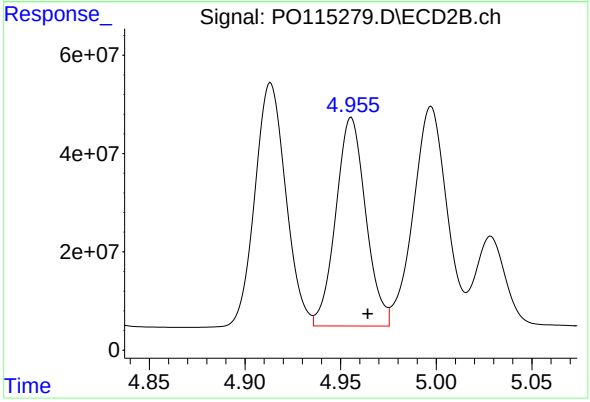
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: -0.009 min
Response: 503618520
Conc: 4607.26 ng/ml m



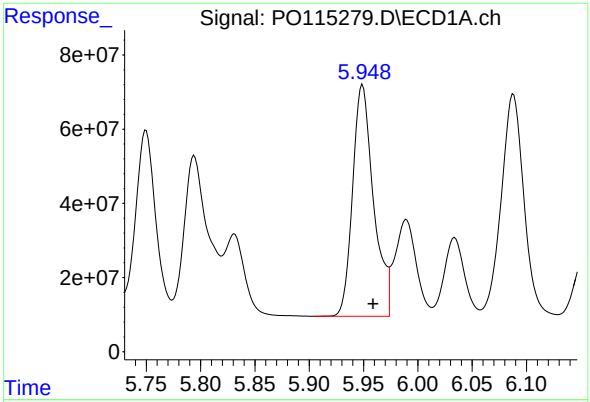
#22 AR-1248-2

R.T.: 5.750 min
Delta R.T.: -0.009 min
Response: 708306909
Conc: 3642.11 ng/ml



#22 AR-1248-2

R.T.: 4.956 min
Delta R.T.: -0.009 min
Response: 462435811
Conc: 3105.67 ng/ml



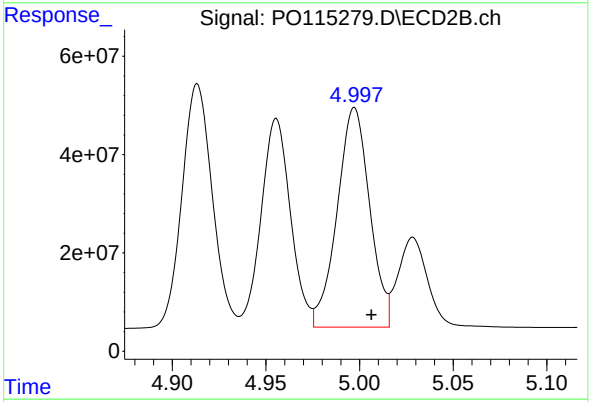
#23 AR-1248-3

R.T.: 5.949 min
Delta R.T.: -0.010 min
Response: 835686968
Conc: 3963.71 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH0

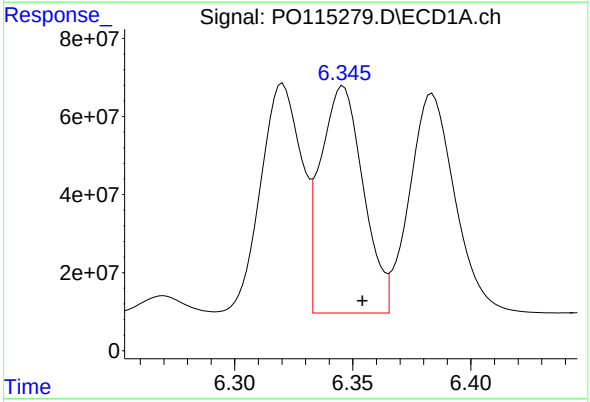
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



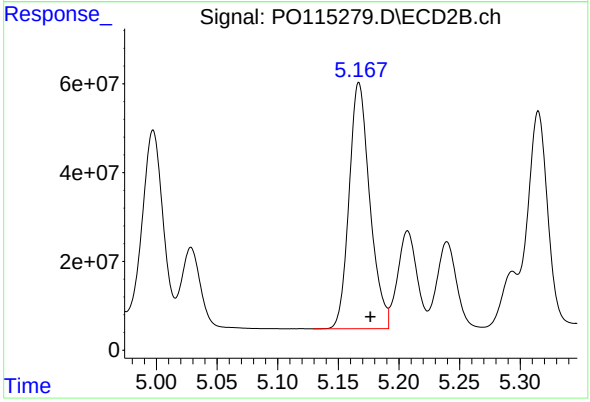
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: -0.009 min
Response: 540520870
Conc: 3478.08 ng/ml



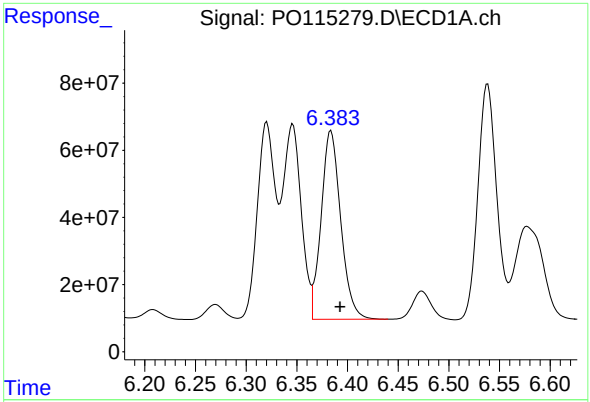
#24 AR-1248-4

R.T.: 6.346 min
Delta R.T.: -0.008 min
Response: 731373694
Conc: 2895.45 ng/ml



#24 AR-1248-4

R.T.: 5.167 min
Delta R.T.: -0.010 min
Response: 659460605
Conc: 3598.65 ng/ml



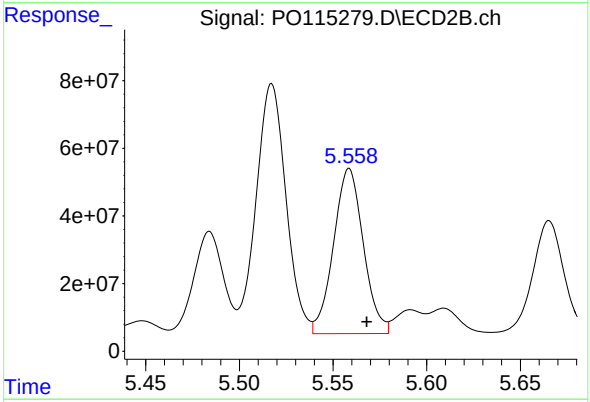
#25 AR-1248-5

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 754859850
Conc: 3201.68 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH0

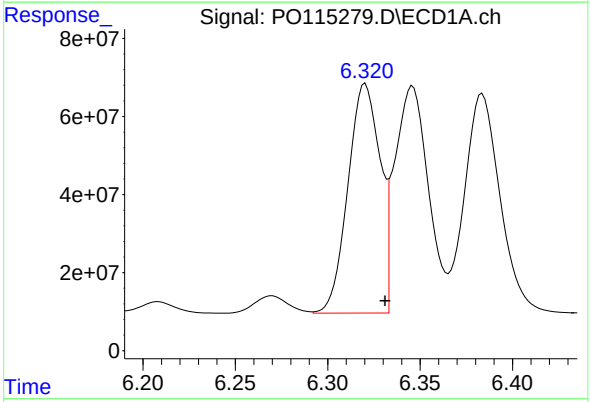
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



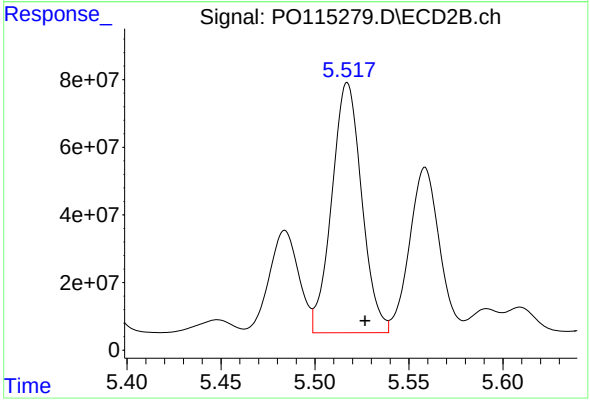
#25 AR-1248-5

R.T.: 5.559 min
Delta R.T.: -0.009 min
Response: 540937496
Conc: 2934.64 ng/ml



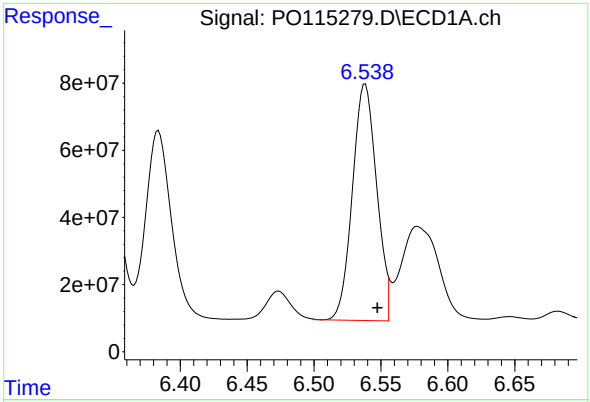
#26 AR-1254-1

R.T.: 6.320 min
Delta R.T.: -0.011 min
Response: 709834053
Conc: 2800.91 ng/ml



#26 AR-1254-1

R.T.: 5.517 min
Delta R.T.: -0.009 min
Response: 819951882
Conc: 2731.53 ng/ml



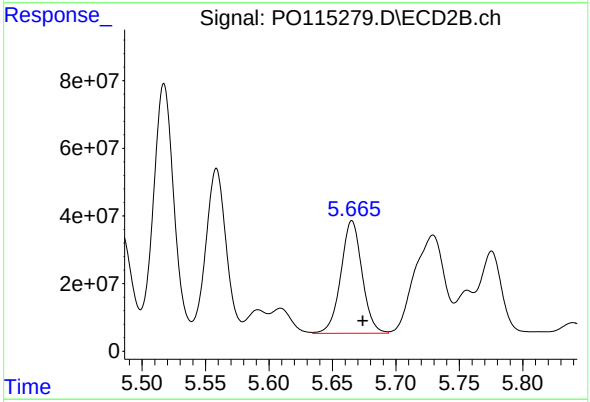
#27 AR-1254-2

R.T.: 6.538 min
Delta R.T.: -0.010 min
Response: 888733566
Conc: 2399.10 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH0

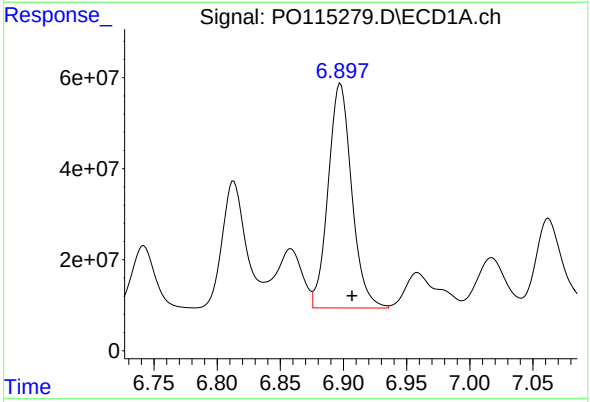
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



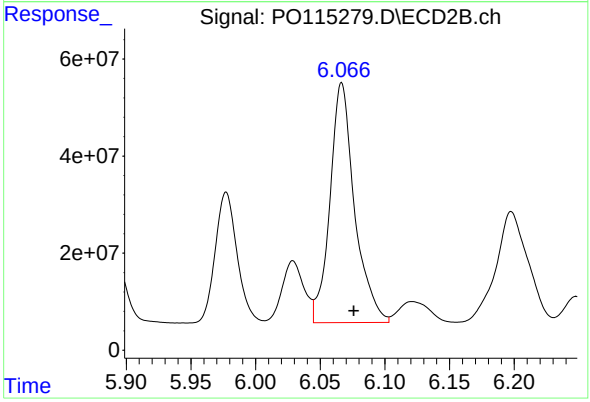
#27 AR-1254-2

R.T.: 5.665 min
Delta R.T.: -0.009 min
Response: 387649185
Conc: 1437.83 ng/ml



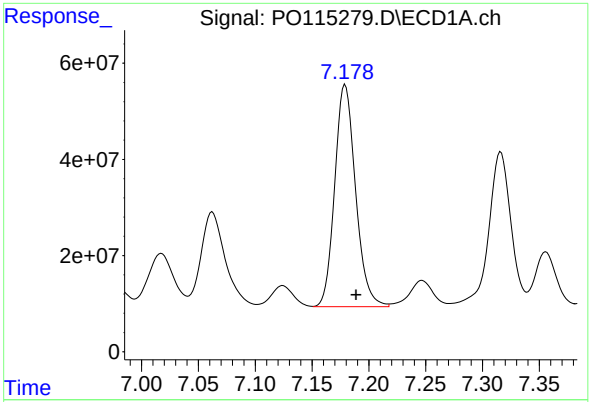
#28 AR-1254-3

R.T.: 6.898 min
Delta R.T.: -0.009 min
Response: 640946237
Conc: 1665.38 ng/ml



#28 AR-1254-3

R.T.: 6.067 min
Delta R.T.: -0.009 min
Response: 655214994
Conc: 1551.74 ng/ml



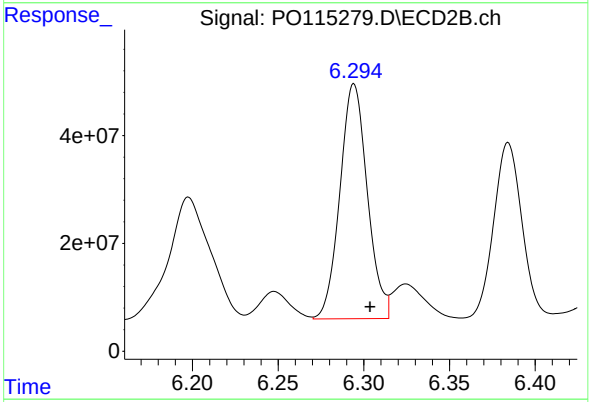
#29 AR-1254-4

R.T.: 7.179 min
Delta R.T.: -0.010 min
Response: 590452180
Conc: 1796.24 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH0

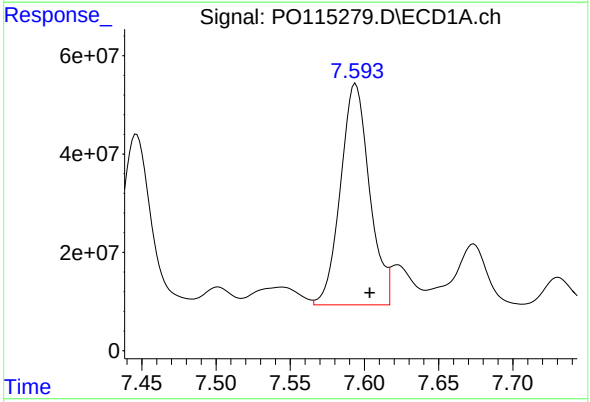
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



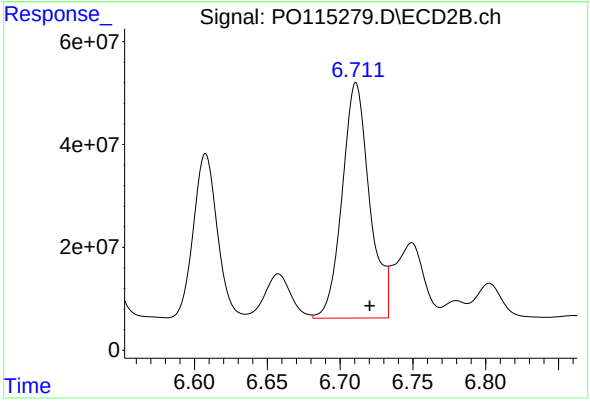
#29 AR-1254-4

R.T.: 6.294 min
Delta R.T.: -0.009 min
Response: 485707361
Conc: 1633.21 ng/ml



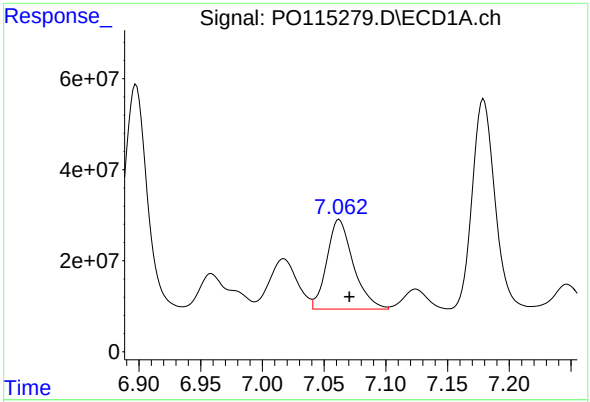
#30 AR-1254-5

R.T.: 7.594 min
Delta R.T.: -0.009 min
Response: 611304533
Conc: 2025.17 ng/ml



#30 AR-1254-5

R.T.: 6.711 min
Delta R.T.: -0.009 min
Response: 599085018
Conc: 1507.03 ng/ml



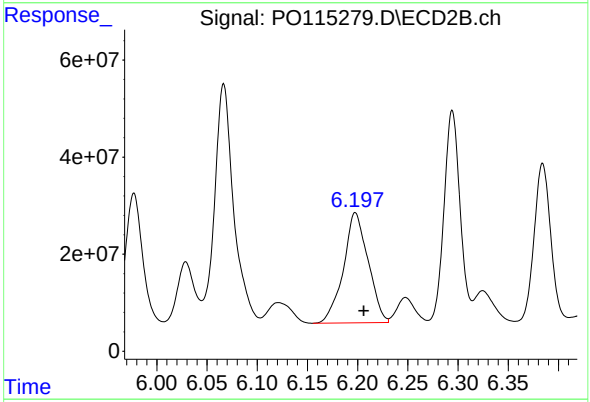
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 293747203
Conc: 961.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0

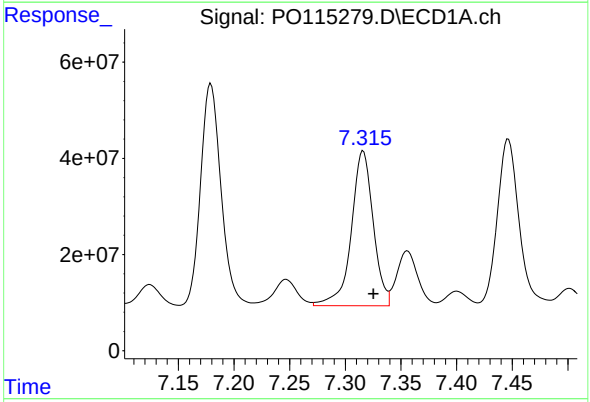
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



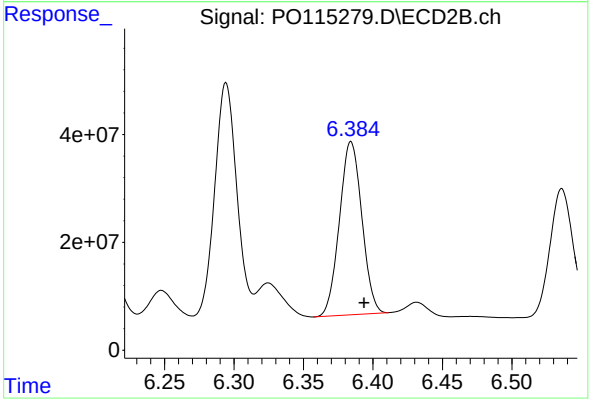
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.009 min
Response: 388588398
Conc: 1312.32 ng/ml



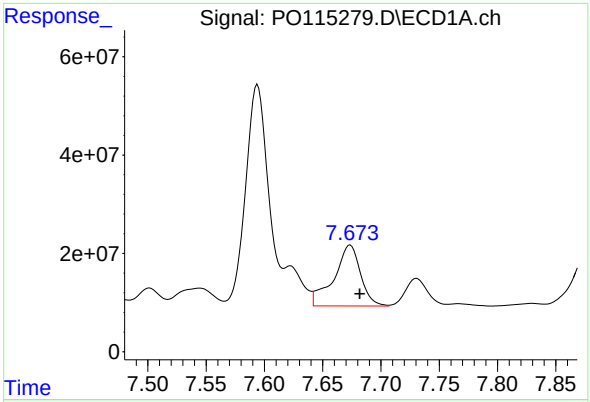
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 441982803
Conc: 1116.46 ng/ml



#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 360710873
Conc: 838.80 ng/ml



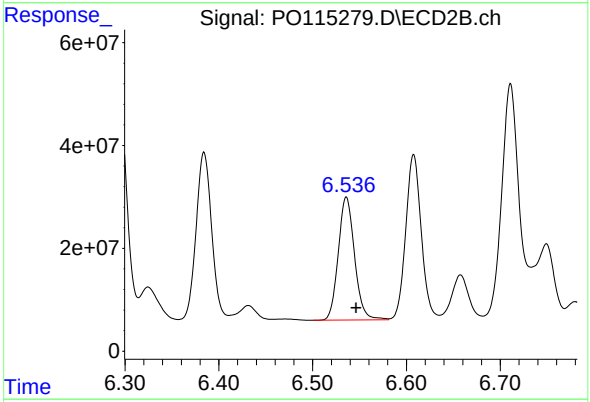
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 198163595
Conc: 597.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0

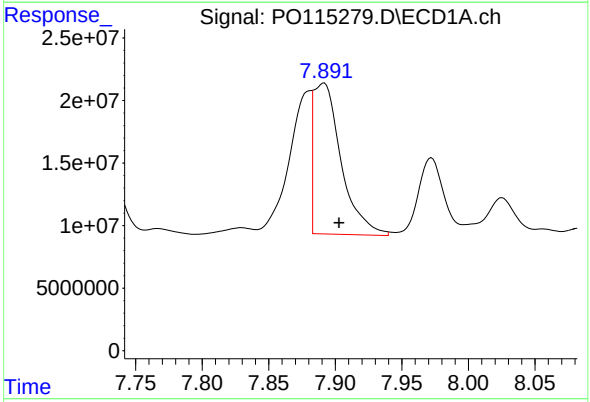
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



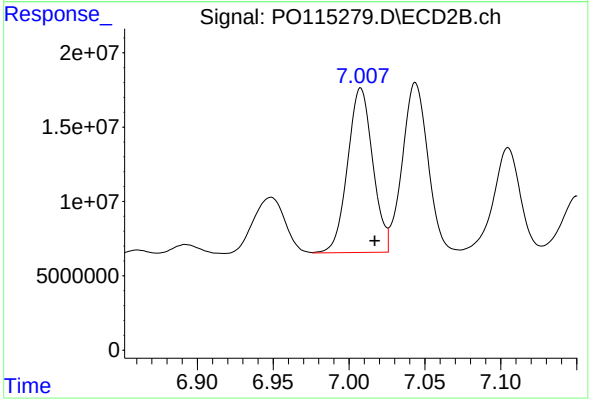
#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.010 min
Response: 288517225
Conc: 821.63 ng/ml



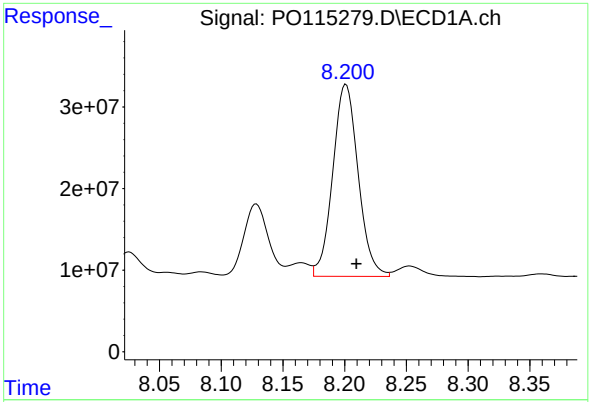
#34 AR-1260-4

R.T.: 7.891 min
Delta R.T.: -0.012 min
Response: 170084171
Conc: 557.62 ng/ml m



#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 127681773
Conc: 421.35 ng/ml



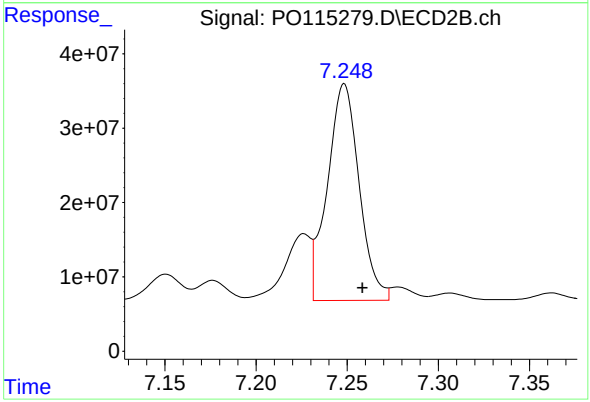
#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 336948008
Conc: 472.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 354057265
Conc: 430.92 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH0DL	SDG No.:	Q3673
Lab Sample ID:	Q3673-05DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	204	UD	10	47.5	204	ug/kg	11/21/25 11:28	PB170650
11104-28-2	Aroclor-1221	204	UD	10	48.5	204	ug/kg	11/21/25 11:28	PB170650
11141-16-5	Aroclor-1232	204	UD	10	44.7	204	ug/kg	11/21/25 11:28	PB170650
53469-21-9	Aroclor-1242	204	UD	10	48.2	204	ug/kg	11/21/25 11:28	PB170650
12672-29-6	Aroclor-1248	1500	D	10	71.2	204	ug/kg	11/21/25 11:28	PB170650
11097-69-1	Aroclor-1254	828	D	10	38.6	204	ug/kg	11/21/25 11:28	PB170650
37324-23-5	Aroclor-1262	204	UD	10	60.4	204	ug/kg	11/21/25 11:28	PB170650
11100-14-4	Aroclor-1268	204	UD	10	43.3	204	ug/kg	11/21/25 11:28	PB170650
11096-82-5	Aroclor-1260	309	D	10	38.9	204	ug/kg	11/21/25 11:28	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.0			21 - 165	100%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.7			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 : PO115316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:28
Operator : YP/AJ
Sample : Q3673-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH0DL

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 24 12:47:14 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	12229971	8950308	1.738m	2.004
2)	SA Decachlor...	9.918	8.627	7372726	6364990	1.668m	1.630m
	Target Compounds						
21)	L5 AR-1248-1	5.479	4.719	64370884	52338708	460.299	478.811m
22)	L5 AR-1248-2	5.749	4.955	64950134	50434876	333.973	338.715
23)	L5 AR-1248-3	5.949	4.996	79764543	57906427	378.327	372.610
24)	L5 AR-1248-4	6.345	5.166	71662364	69293744	283.705	378.133 #
25)	L5 AR-1248-5	6.384	5.557	72905395	56770533	309.223	307.985
26)	L6 AR-1254-1	6.320	5.516	69479606	85564964	274.157	285.045
27)	L6 AR-1254-2	6.538	5.664	88756329	41381196	239.594	153.487 #
28)	L6 AR-1254-3	6.898	6.066	62446979	66659523	162.257	157.869
29)	L6 AR-1254-4	7.179	6.293	55715132	46418473	169.493	156.084
30)	L6 AR-1254-5	7.594	6.709	56548547	58136235	187.338	146.245
31)	L7 AR-1260-1	7.063	6.196	27397565	40161635	89.642	135.632 #
32)	L7 AR-1260-2	7.316	6.383	34612179	36710870	87.432	85.368
33)	L7 AR-1260-3	7.674	6.534	17923201	29171524	54.015	83.074 #
34)	L7 AR-1260-4	7.892	7.007	13576971	12179858	44.512	40.194
35)	L7 AR-1260-5	8.201	7.247	29326158	33311060	41.118m	40.543

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

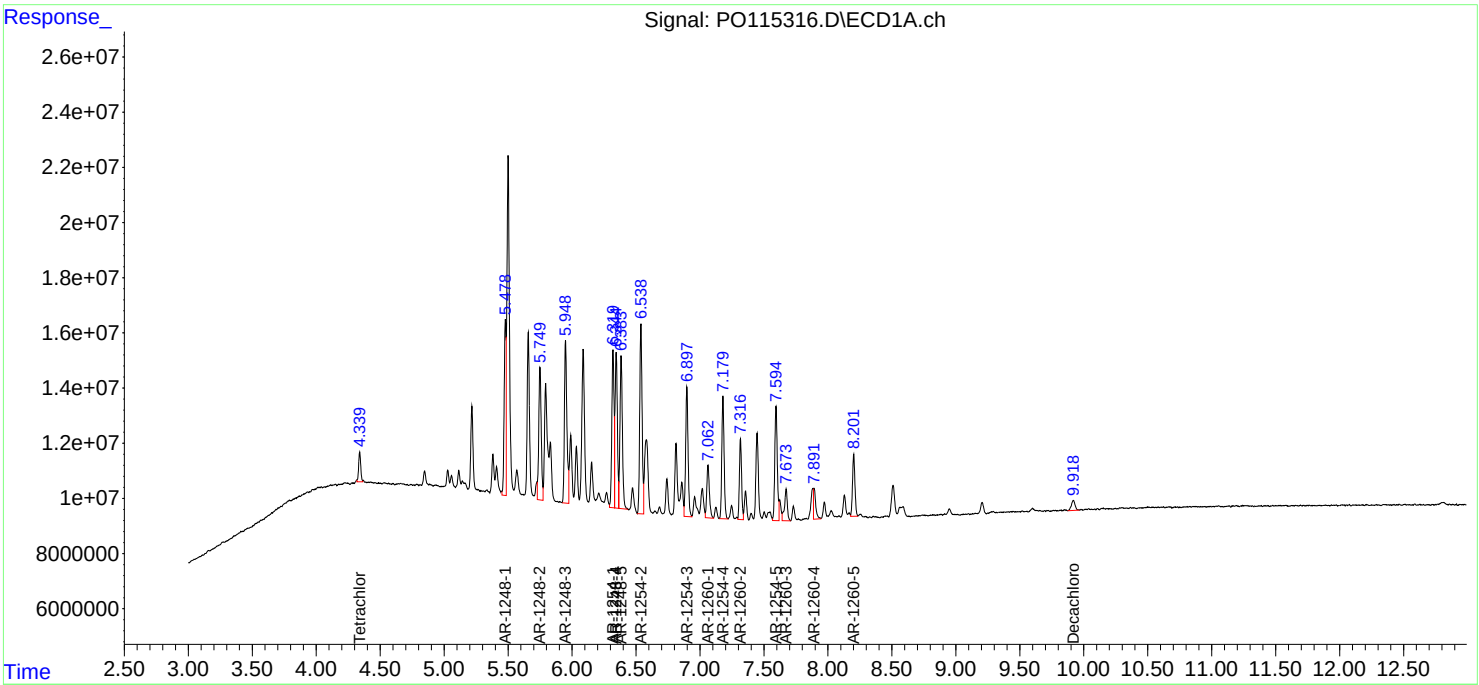
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:28
Operator : YP/AJ
Sample : Q3673-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

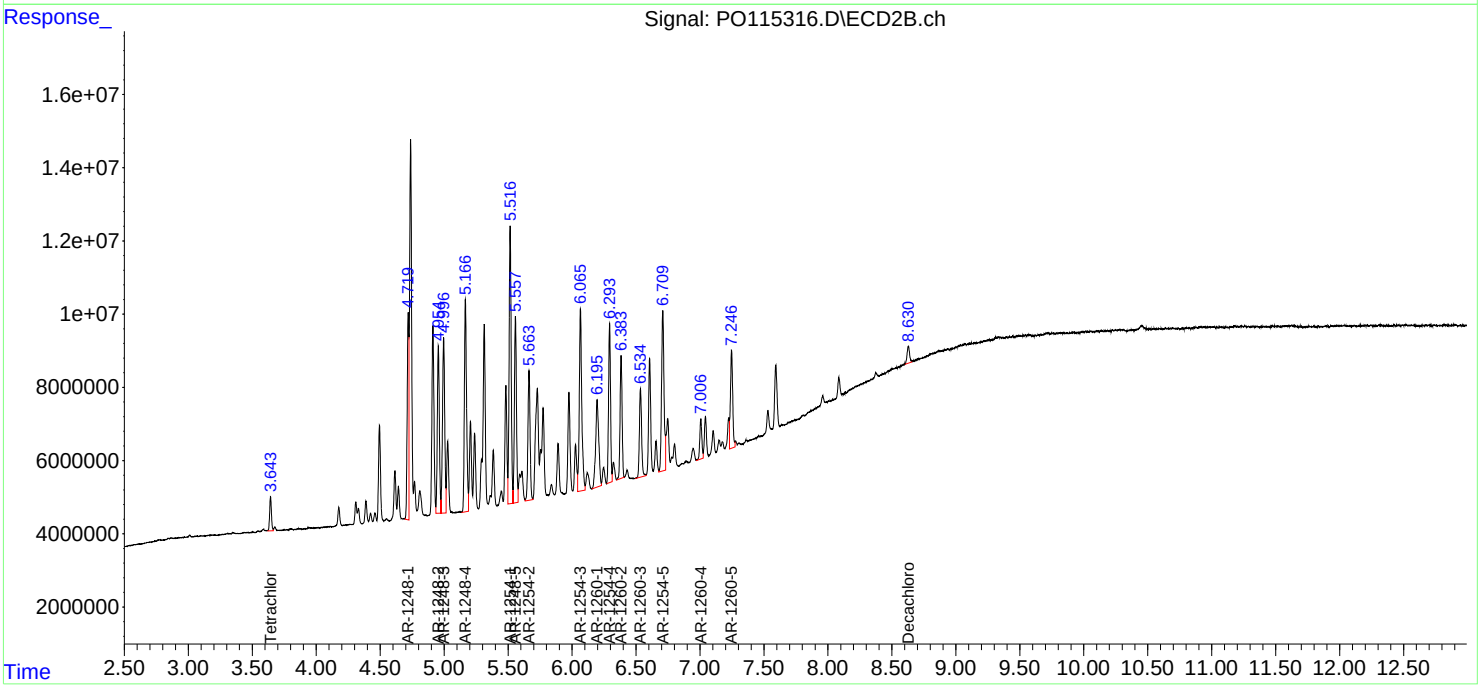
Instrument :
ECD_O
ClientSampleId :
C0AH0DL

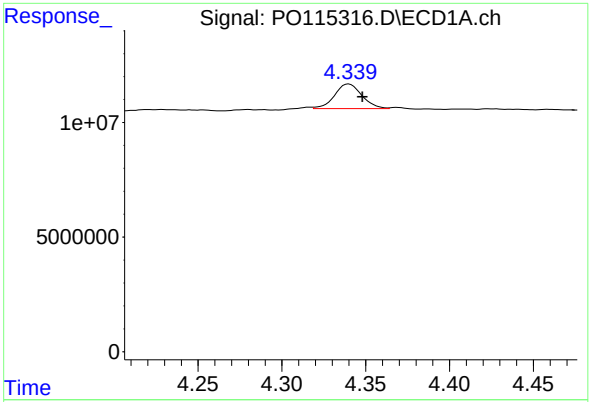
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:47:14 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







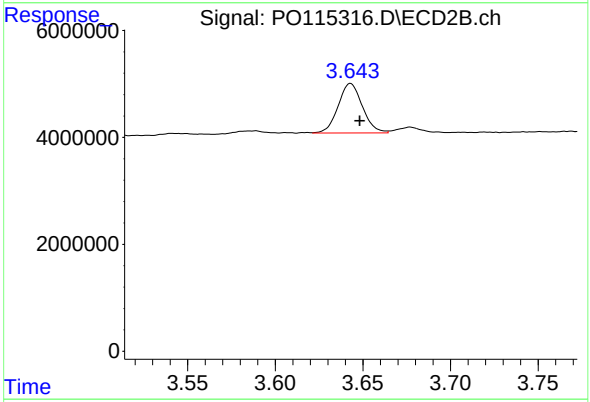
#1 Tetrachloro-m-xylene

R.T.: 4.339 min
Delta R.T.: -0.009 min
Response: 12229971
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0DL

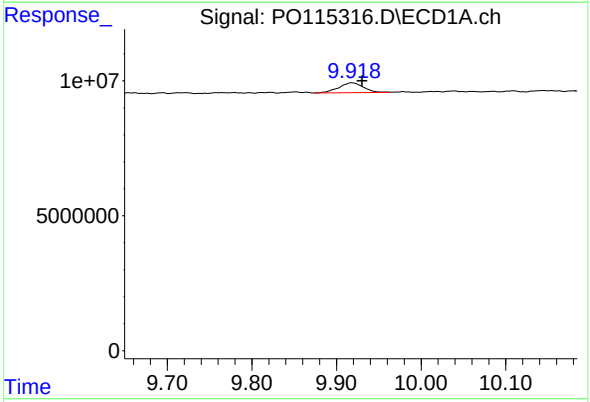
Manual Integrations APPROVED

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



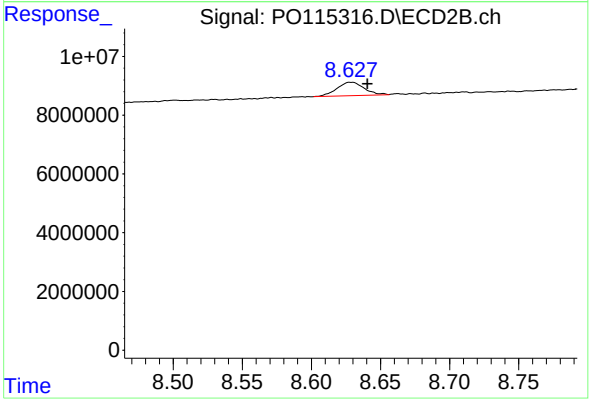
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.005 min
Response: 8950308
Conc: 2.00 ng/ml



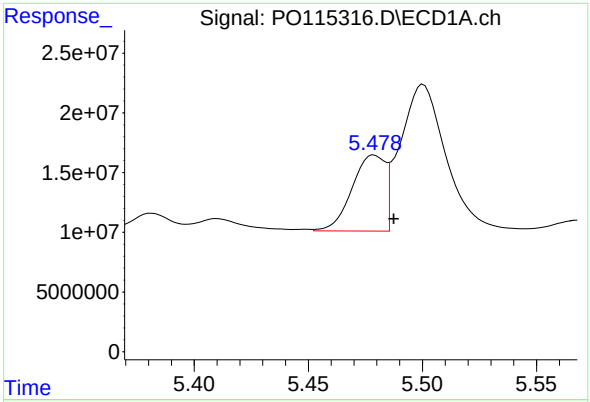
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.013 min
Response: 7372726
Conc: 1.67 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: -0.014 min
Response: 6364990
Conc: 1.63 ng/ml m



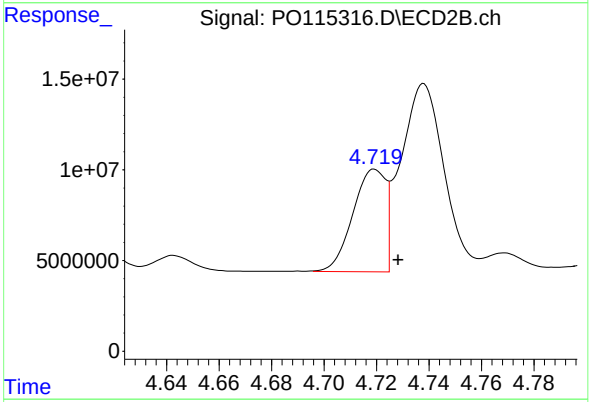
#21 AR-1248-1

R.T.: 5.479 min
Delta R.T.: -0.009 min
Response: 64370884
Conc: 460.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0DL

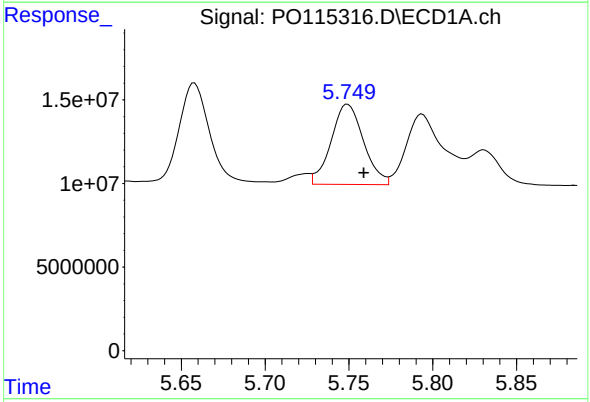
Manual Integrations APPROVED

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



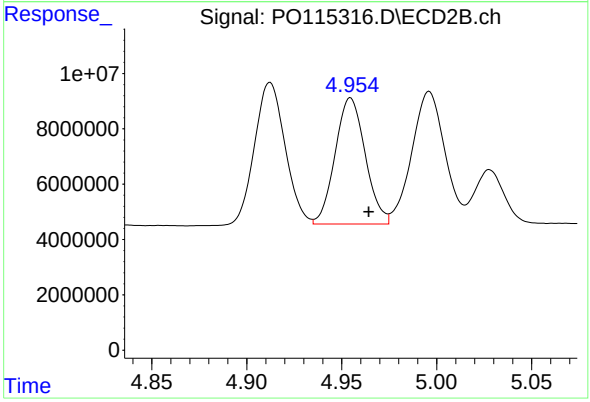
#21 AR-1248-1

R.T.: 4.719 min
Delta R.T.: -0.010 min
Response: 52338708
Conc: 478.81 ng/ml m



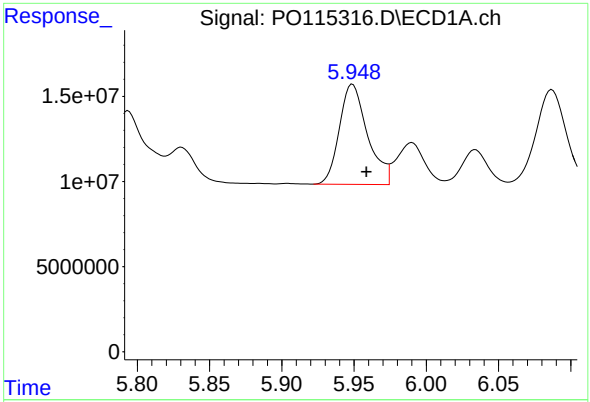
#22 AR-1248-2

R.T.: 5.749 min
Delta R.T.: -0.010 min
Response: 64950134
Conc: 333.97 ng/ml



#22 AR-1248-2

R.T.: 4.955 min
Delta R.T.: -0.010 min
Response: 50434876
Conc: 338.72 ng/ml



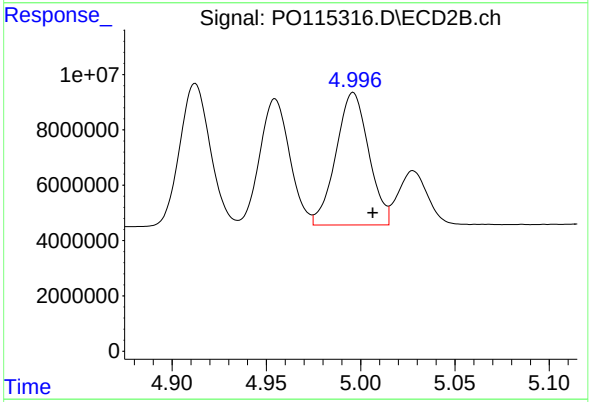
#23 AR-1248-3

R.T.: 5.949 min
Delta R.T.: -0.010 min
Response: 79764543
Conc: 378.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0DL

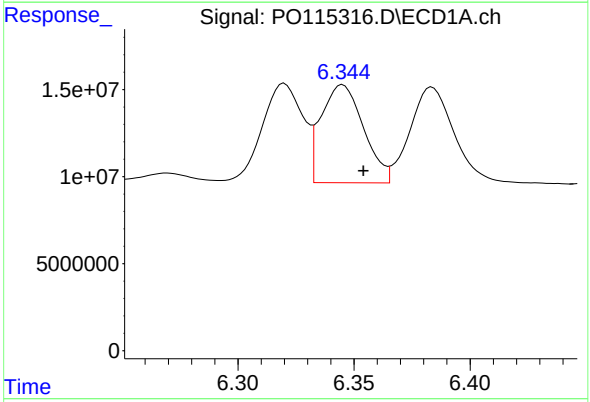
Manual Integrations APPROVED

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



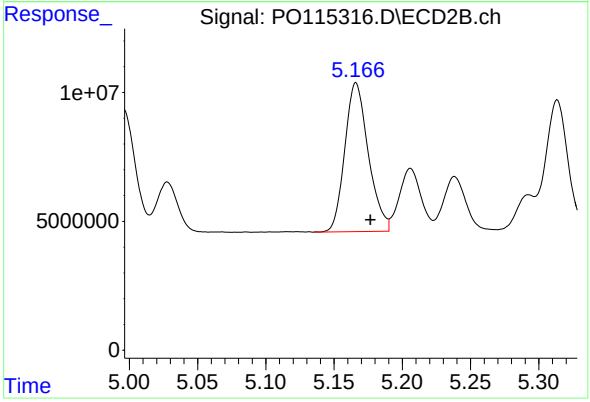
#23 AR-1248-3

R.T.: 4.996 min
Delta R.T.: -0.010 min
Response: 57906427
Conc: 372.61 ng/ml



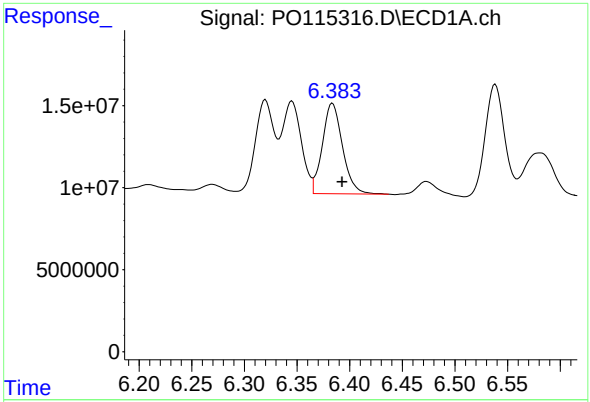
#24 AR-1248-4

R.T.: 6.345 min
Delta R.T.: -0.009 min
Response: 71662364
Conc: 283.71 ng/ml



#24 AR-1248-4

R.T.: 5.166 min
Delta R.T.: -0.011 min
Response: 69293744
Conc: 378.13 ng/ml



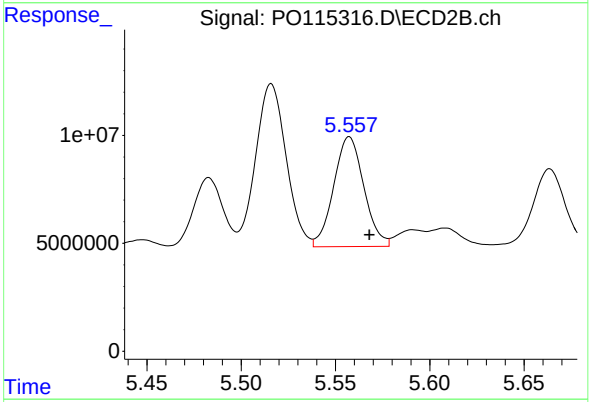
#25 AR-1248-5

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 72905395
Conc: 309.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0DL

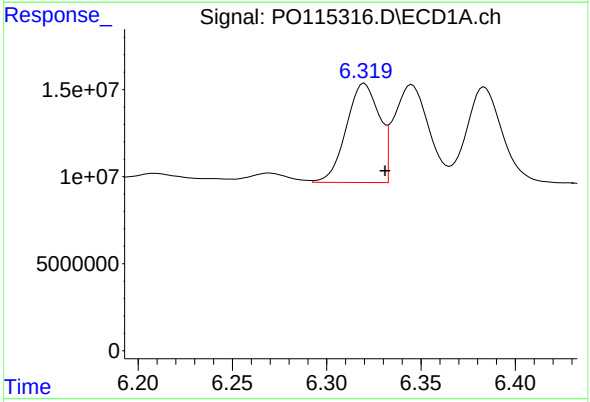
Manual Integrations APPROVED

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



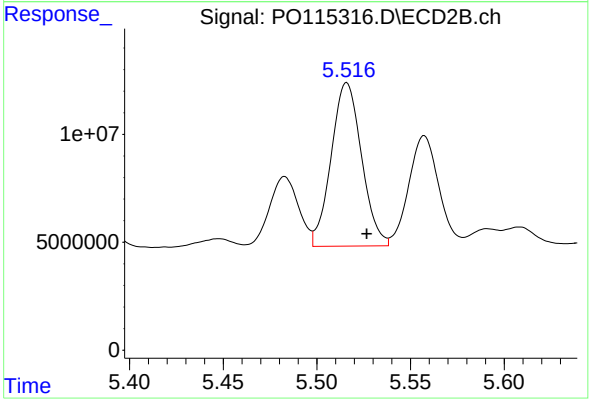
#25 AR-1248-5

R.T.: 5.557 min
Delta R.T.: -0.011 min
Response: 56770533
Conc: 307.99 ng/ml



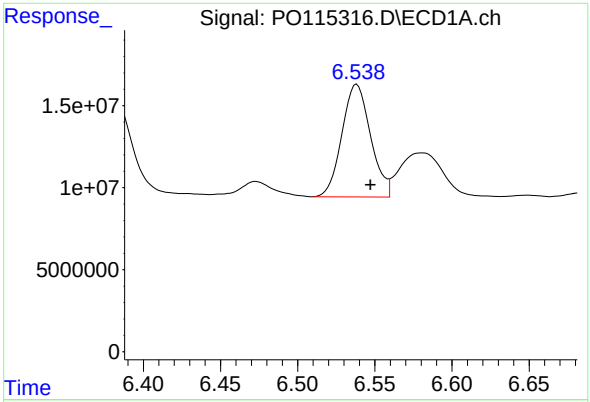
#26 AR-1254-1

R.T.: 6.320 min
Delta R.T.: -0.011 min
Response: 69479606
Conc: 274.16 ng/ml



#26 AR-1254-1

R.T.: 5.516 min
Delta R.T.: -0.011 min
Response: 85564964
Conc: 285.05 ng/ml



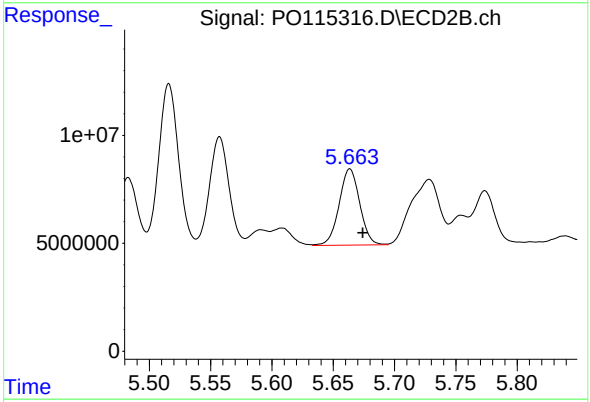
#27 AR-1254-2

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 88756329
Conc: 239.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0DL

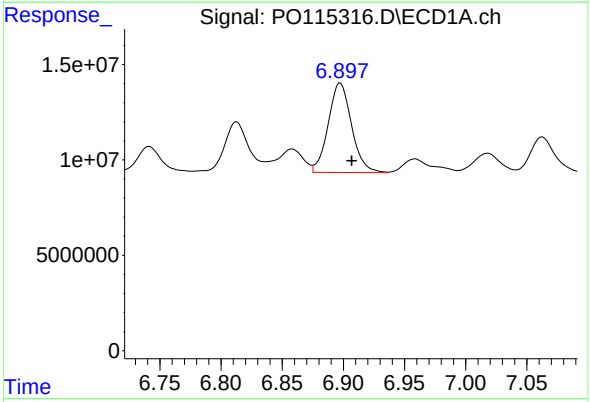
Manual Integrations APPROVED

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



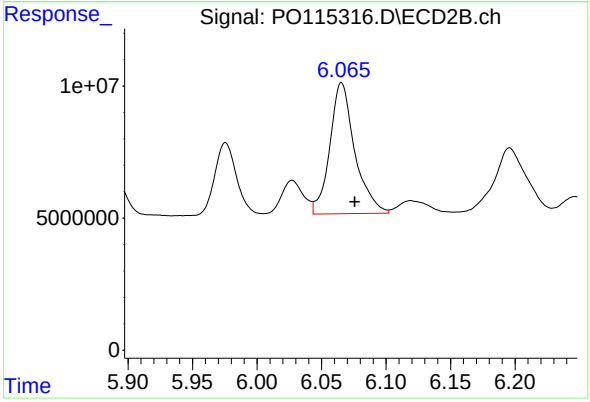
#27 AR-1254-2

R.T.: 5.664 min
Delta R.T.: -0.010 min
Response: 41381196
Conc: 153.49 ng/ml



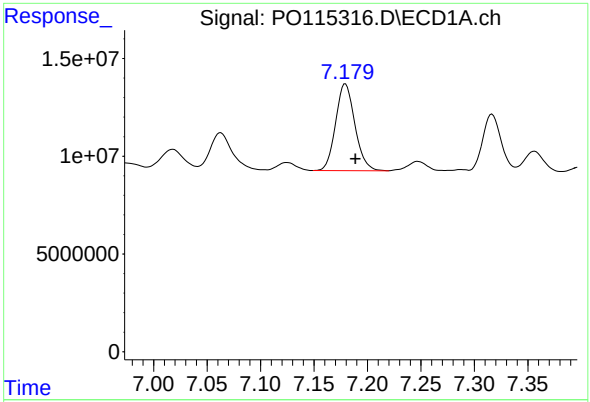
#28 AR-1254-3

R.T.: 6.898 min
Delta R.T.: -0.009 min
Response: 62446979
Conc: 162.26 ng/ml



#28 AR-1254-3

R.T.: 6.066 min
Delta R.T.: -0.010 min
Response: 66659523
Conc: 157.87 ng/ml



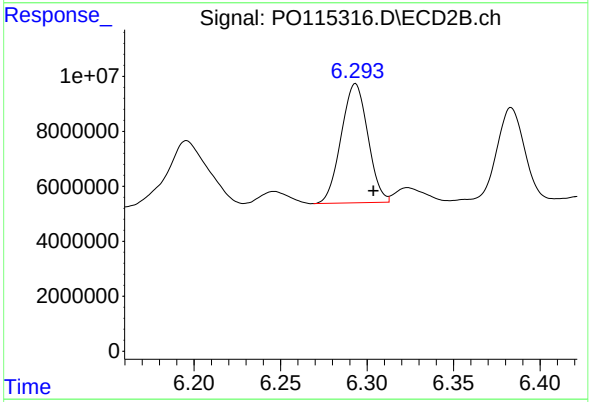
#29 AR-1254-4

R.T.: 7.179 min
Delta R.T.: -0.009 min
Response: 55715132
Conc: 169.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0DL

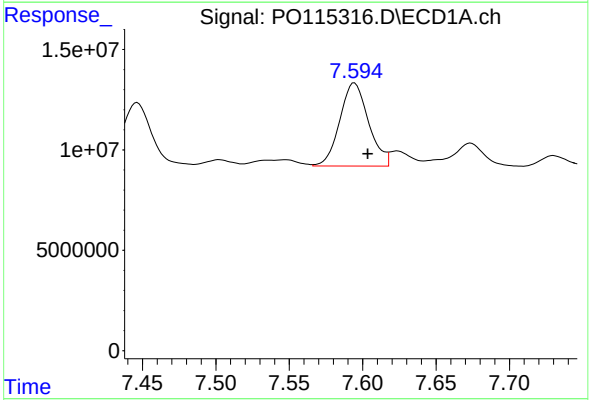
Manual Integrations APPROVED

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



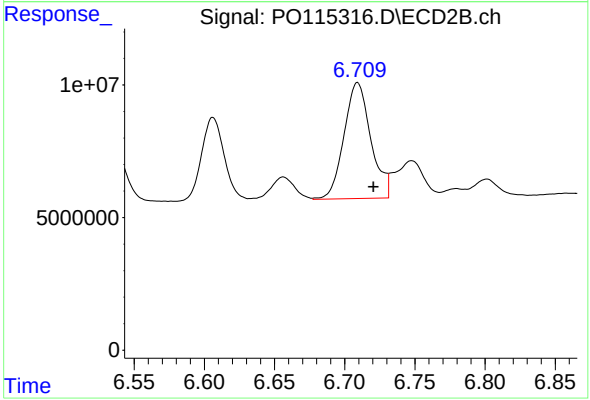
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.010 min
Response: 46418473
Conc: 156.08 ng/ml



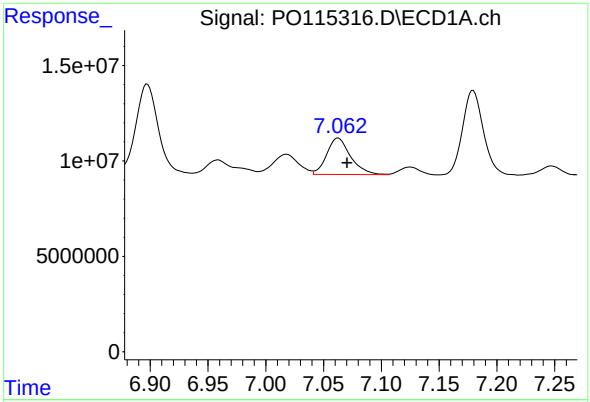
#30 AR-1254-5

R.T.: 7.594 min
Delta R.T.: -0.009 min
Response: 56548547
Conc: 187.34 ng/ml



#30 AR-1254-5

R.T.: 6.709 min
Delta R.T.: -0.011 min
Response: 58136235
Conc: 146.25 ng/ml



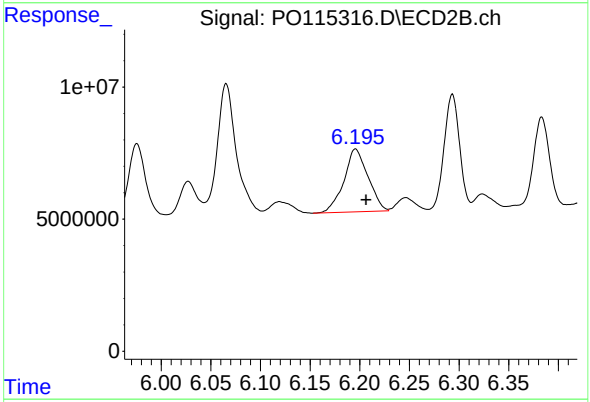
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 27397565
Conc: 89.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0DL

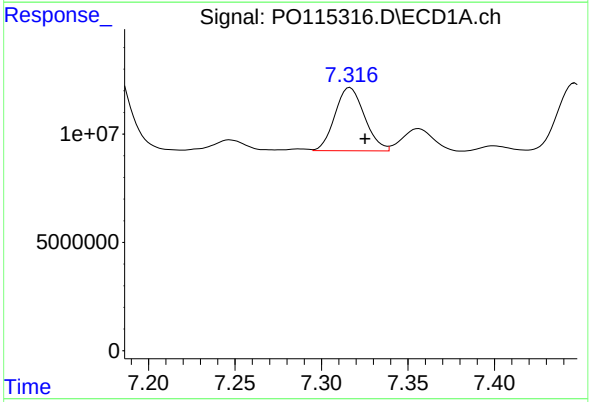
Manual Integrations APPROVED

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



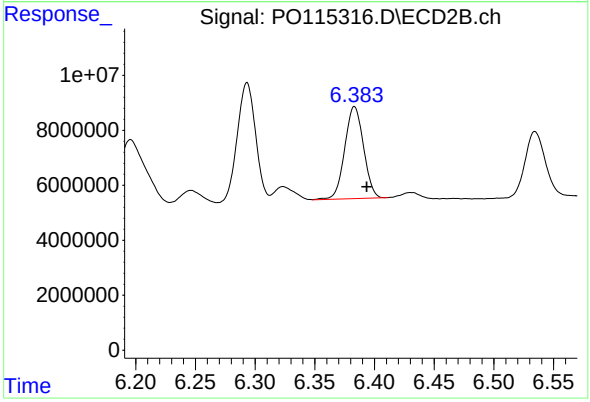
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.011 min
Response: 40161635
Conc: 135.63 ng/ml



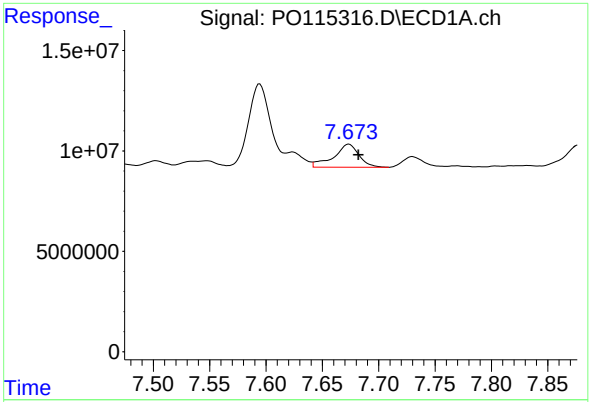
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 34612179
Conc: 87.43 ng/ml



#32 AR-1260-2

R.T.: 6.383 min
Delta R.T.: -0.010 min
Response: 36710870
Conc: 85.37 ng/ml



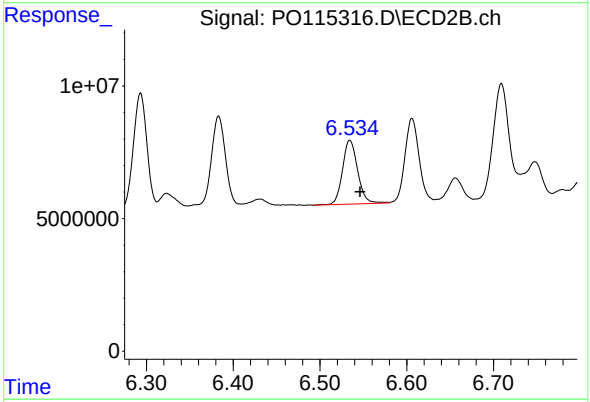
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 17923201
Conc: 54.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0DL

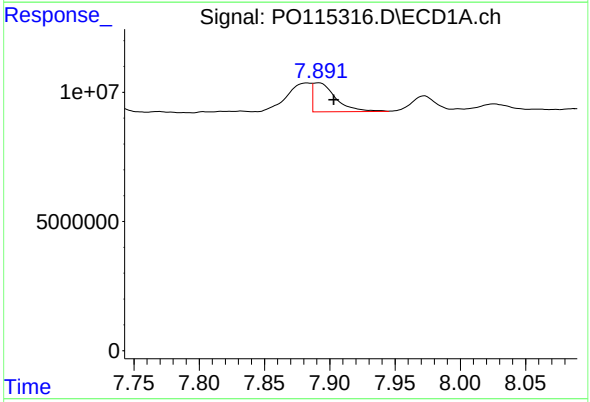
Manual Integrations APPROVED

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



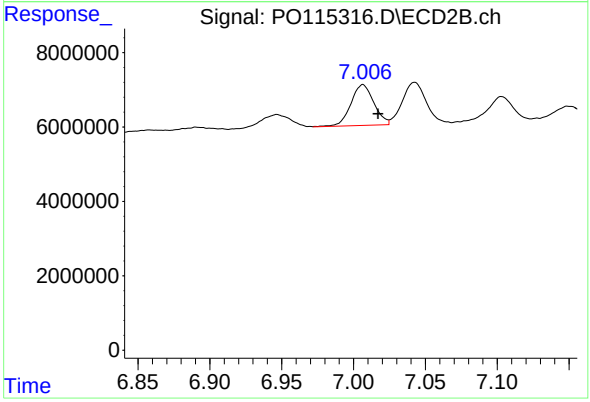
#33 AR-1260-3

R.T.: 6.534 min
Delta R.T.: -0.012 min
Response: 29171524
Conc: 83.07 ng/ml



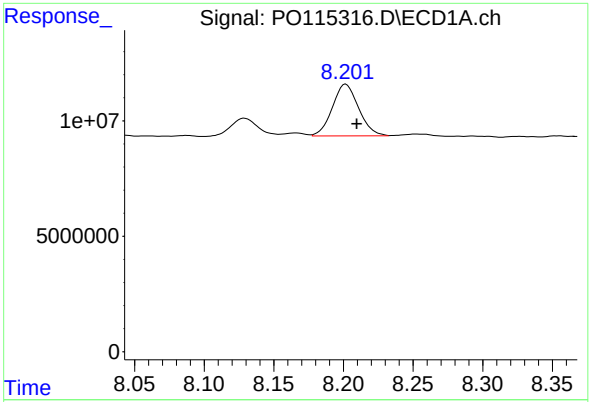
#34 AR-1260-4

R.T.: 7.892 min
Delta R.T.: -0.011 min
Response: 13576971
Conc: 44.51 ng/ml



#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 12179858
Conc: 40.19 ng/ml



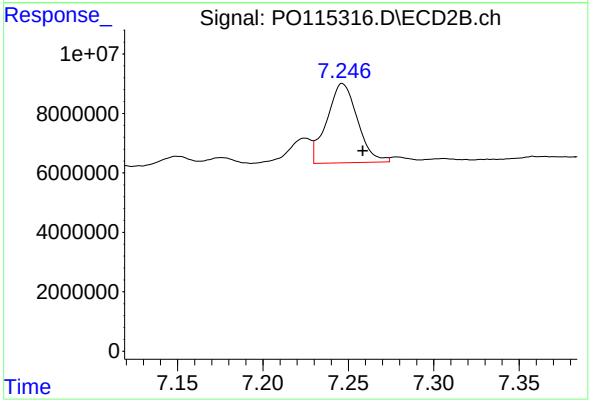
#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 29326158
Conc: 41.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH0DL

Manual Integrations APPROVED

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



#35 AR-1260-5

R.T.: 7.247 min
Delta R.T.: -0.012 min
Response: 33311060
Conc: 40.54 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH1	SDG No.:	Q3673
Lab Sample ID:	Q3673-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.3
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/20/25 20:26	PB170650
11104-28-2	Aroclor-1221	20.2	U	1	4.80	20.2	ug/kg	11/20/25 20:26	PB170650
11141-16-5	Aroclor-1232	20.2	U	1	4.40	20.2	ug/kg	11/20/25 20:26	PB170650
53469-21-9	Aroclor-1242	20.2	U	1	4.80	20.2	ug/kg	11/20/25 20:26	PB170650
12672-29-6	Aroclor-1248	20.2	U	1	7.00	20.2	ug/kg	11/20/25 20:26	PB170650
11097-69-1	Aroclor-1254	1800	E	1	3.80	20.2	ug/kg	11/20/25 20:26	PB170650
37324-23-5	Aroclor-1262	20.2	U	1	6.00	20.2	ug/kg	11/20/25 20:26	PB170650
11100-14-4	Aroclor-1268	20.2	U	1	4.30	20.2	ug/kg	11/20/25 20:26	PB170650
11096-82-5	Aroclor-1260	820	E	1	3.80	20.2	ug/kg	11/20/25 20:26	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.1			21 - 165	115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.9			10 - 170	110%	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\PO112025\
Data File : PO115280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:26
Operator : YP/AJ
Sample : Q3673-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:54:40 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	162.3E6	99642305	23.054	22.307
2)	SA Decachlor...	9.918	8.629	92221913	85542358	20.864	21.912
	Target Compounds						
26)	L6 AR-1254-1	6.322	5.519	1117.2E6	1143.7E6	4408.441	3810.194
27)	L6 AR-1254-2	6.539	5.666	1651.0E6	942.5E6	4456.741m	3495.690
28)	L6 AR-1254-3	6.898	6.068	1610.7E6	1696.3E6	4185.142	4017.248
29)	L6 AR-1254-4	7.181	6.295	1384.5E6	1101.8E6	4211.834	3704.784
30)	L6 AR-1254-5	7.595	6.711	1659.4E6	1623.3E6	5497.486	4083.424 #
31)	L7 AR-1260-1	7.064	6.199	864.0E6	941.6E6	2826.806	3179.831
32)	L7 AR-1260-2	7.317	6.385	1200.3E6	1012.7E6	3031.953	2354.847m
33)	L7 AR-1260-3	7.674	6.537	516.2E6	856.8E6	1555.723	2439.948 #
34)	L7 AR-1260-4	7.891	7.008	434.2E6	347.4E6	1423.561m	1146.307
35)	L7 AR-1260-5	8.203	7.249	935.0E6	1033.3E6	1310.895	1257.680

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

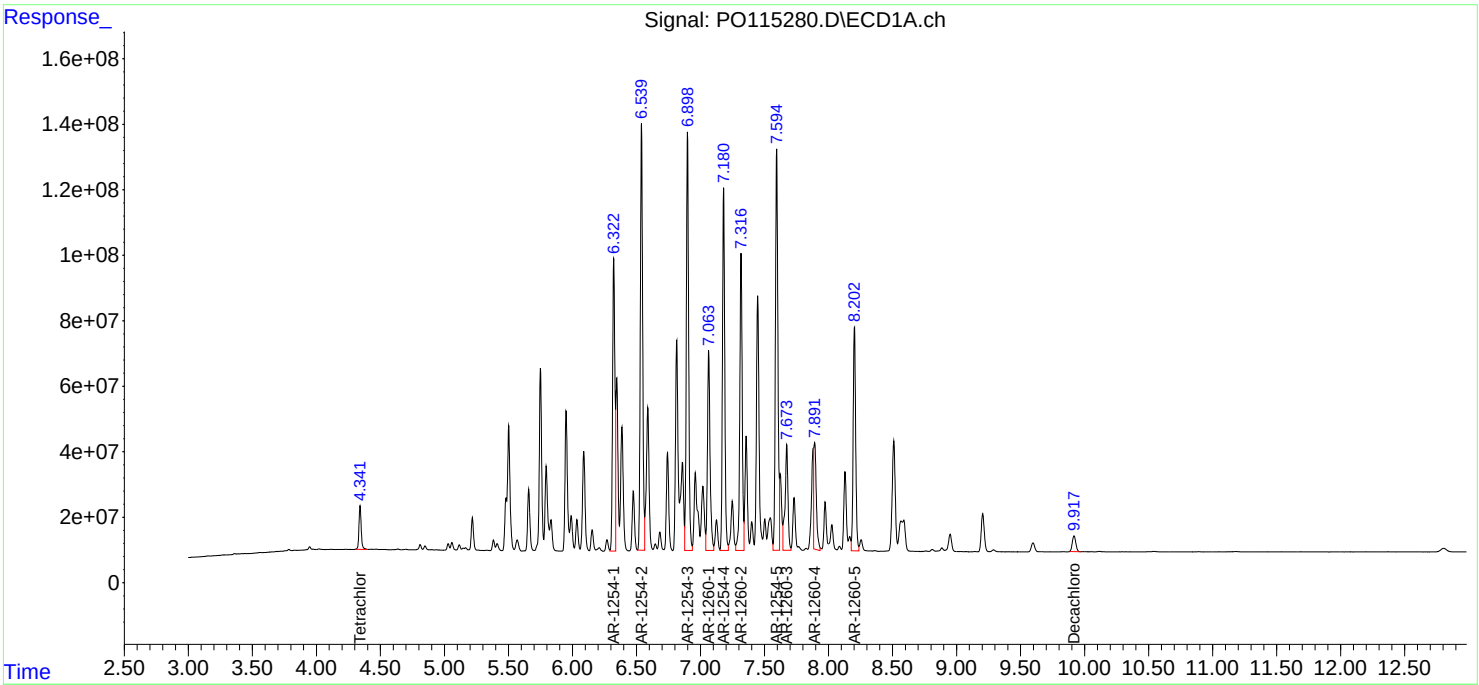
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:26
Operator : YP/AJ
Sample : Q3673-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

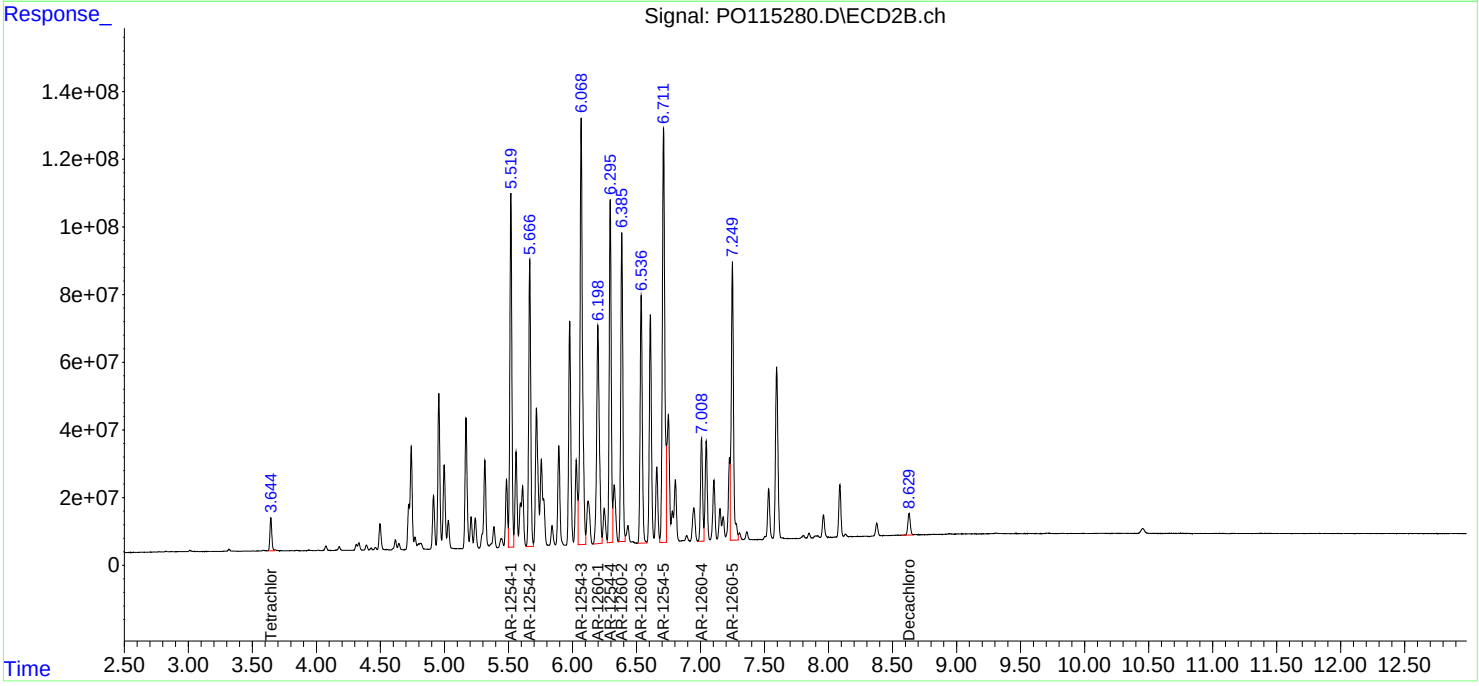
Instrument :
ECD_O
ClientSampleId :
C0AH1

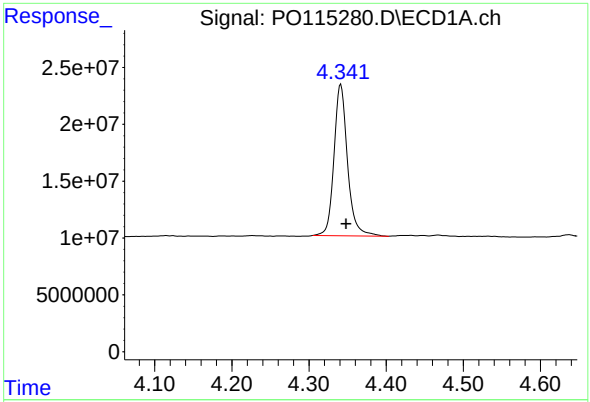
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:54:40 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







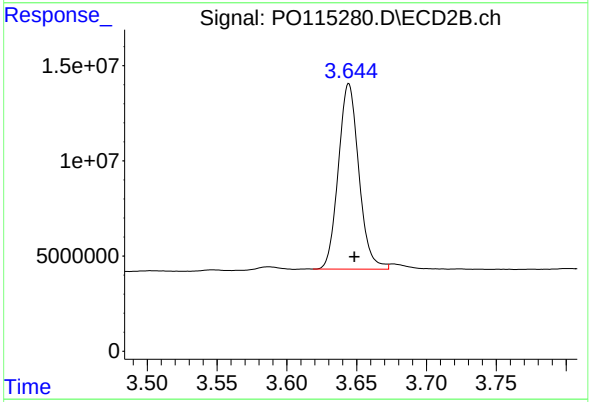
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 162254338
Conc: 23.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH1

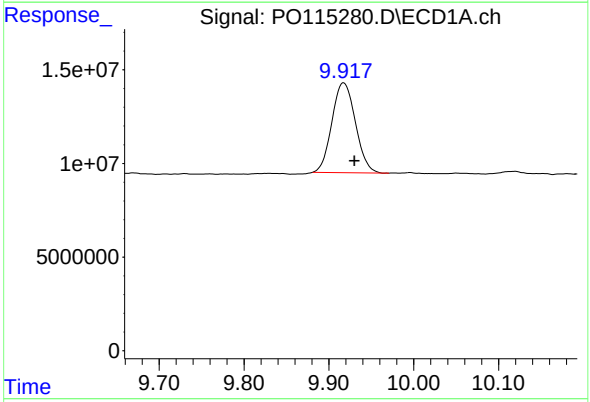
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



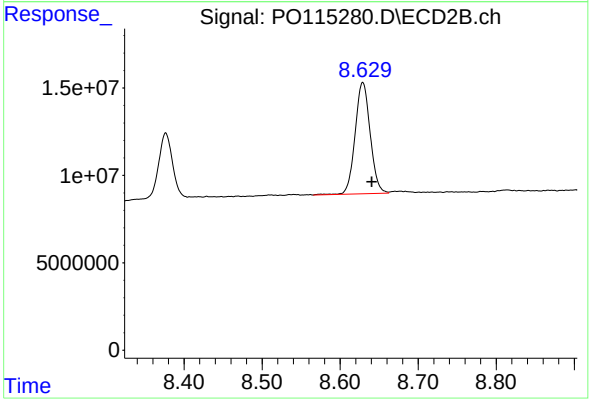
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 99642305
Conc: 22.31 ng/ml



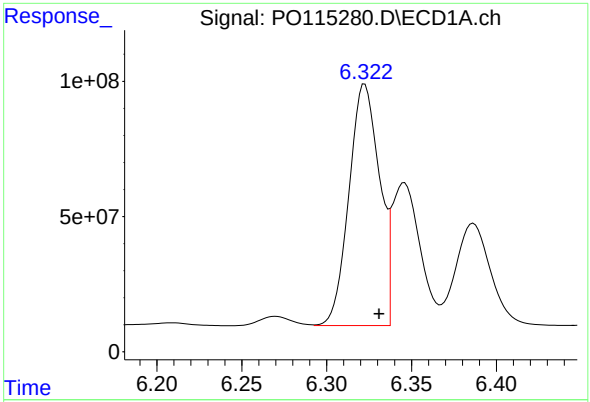
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.013 min
Response: 92221913
Conc: 20.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.012 min
Response: 85542358
Conc: 21.91 ng/ml



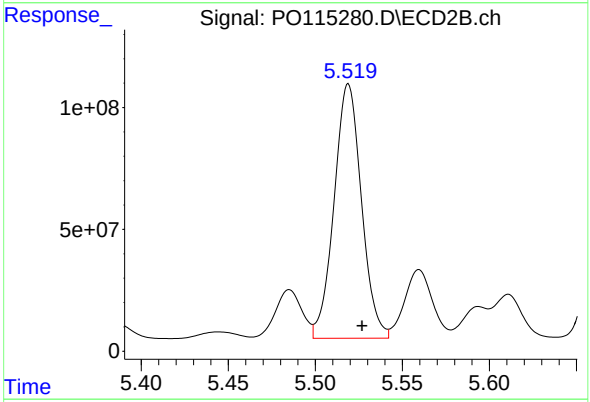
#26 AR-1254-1

R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 1117229505
Conc: 4408.44 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH1

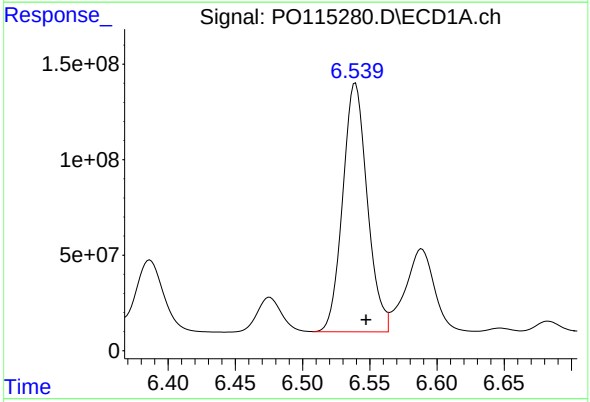
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



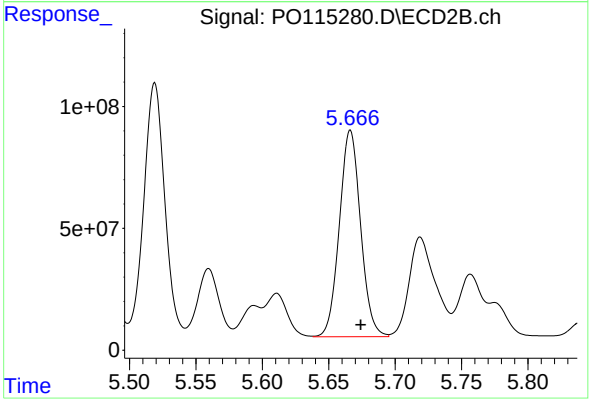
#26 AR-1254-1

R.T.: 5.519 min
Delta R.T.: -0.008 min
Response: 1143744419
Conc: 3810.19 ng/ml



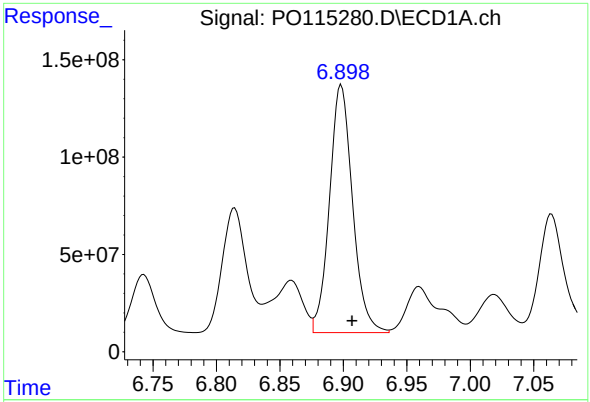
#27 AR-1254-2

R.T.: 6.539 min
Delta R.T.: -0.009 min
Response: 1650974889
Conc: 4456.74 ng/ml m



#27 AR-1254-2

R.T.: 5.666 min
Delta R.T.: -0.008 min
Response: 942464356
Conc: 3495.69 ng/ml



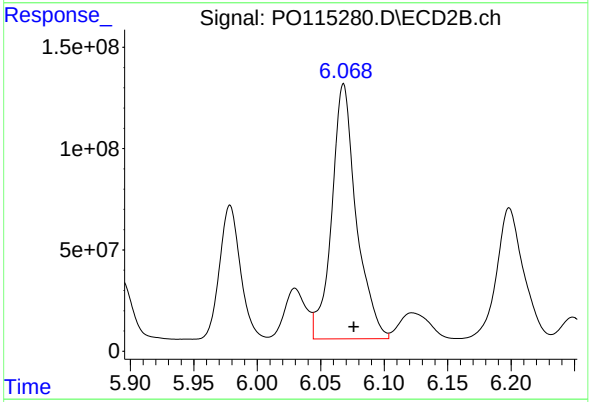
#28 AR-1254-3

R.T.: 6.898 min
Delta R.T.: -0.009 min
Response: 1610713124
Conc: 4185.14 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH1

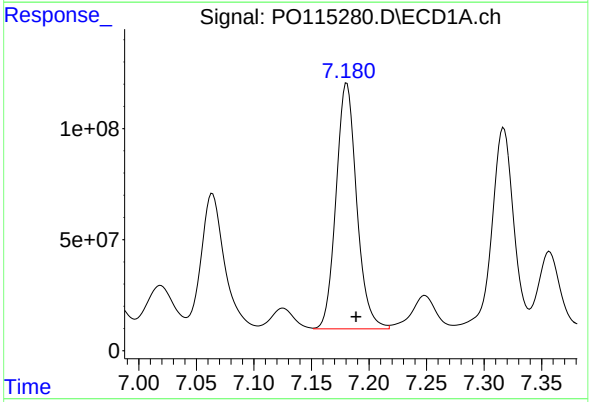
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



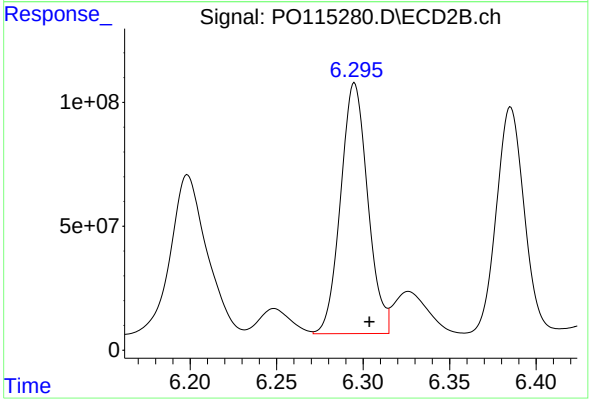
#28 AR-1254-3

R.T.: 6.068 min
Delta R.T.: -0.008 min
Response: 1696261817
Conc: 4017.25 ng/ml



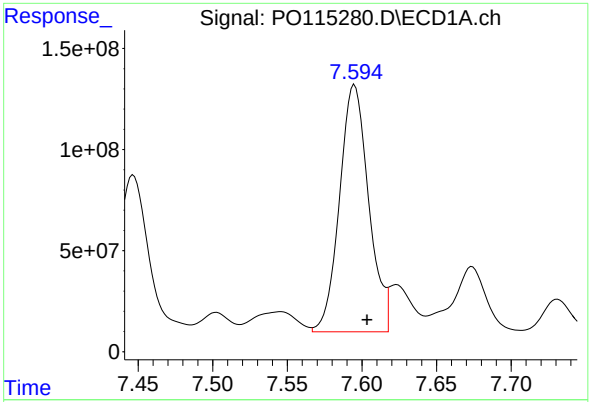
#29 AR-1254-4

R.T.: 7.181 min
Delta R.T.: -0.008 min
Response: 1384498529
Conc: 4211.83 ng/ml



#29 AR-1254-4

R.T.: 6.295 min
Delta R.T.: -0.009 min
Response: 1101781194
Conc: 3704.78 ng/ml



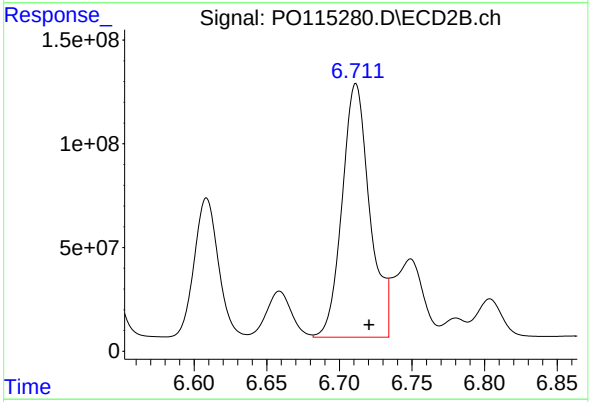
#30 AR-1254-5

R.T.: 7.595 min
Delta R.T.: -0.008 min
Response: 1659434863
Conc: 5497.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH1

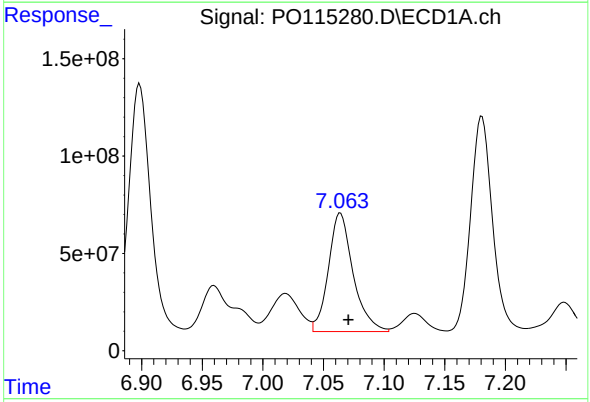
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



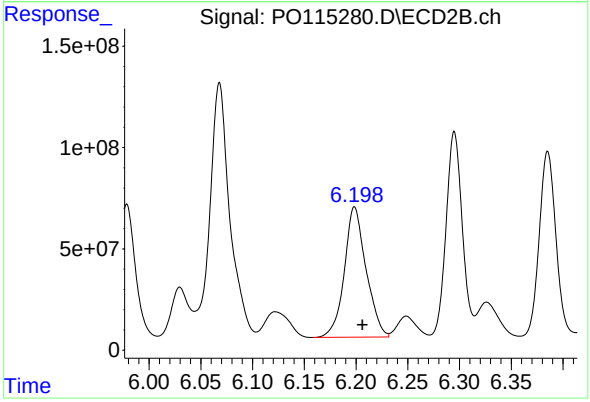
#30 AR-1254-5

R.T.: 6.711 min
Delta R.T.: -0.009 min
Response: 1623267302
Conc: 4083.42 ng/ml



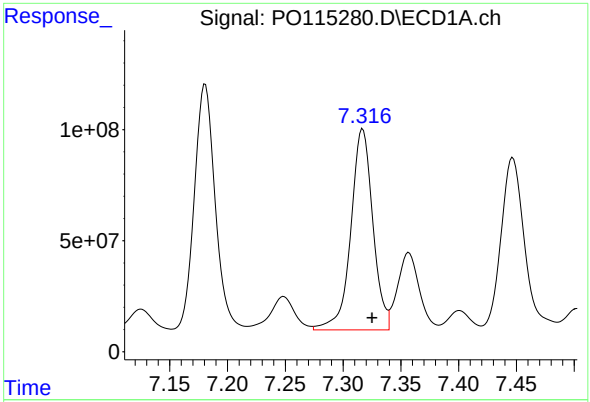
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 863966509
Conc: 2826.81 ng/ml



#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: -0.008 min
Response: 941571836
Conc: 3179.83 ng/ml



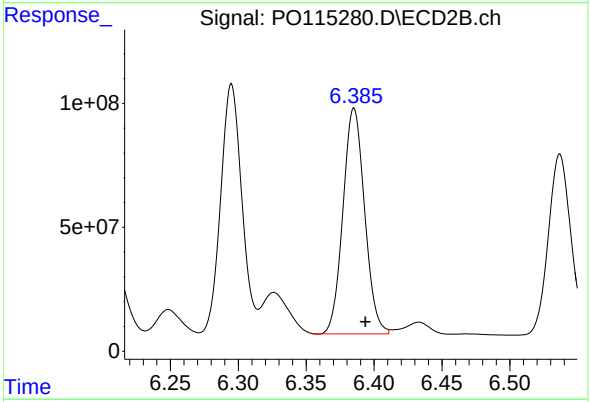
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 1200281119
Conc: 3031.95 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH1

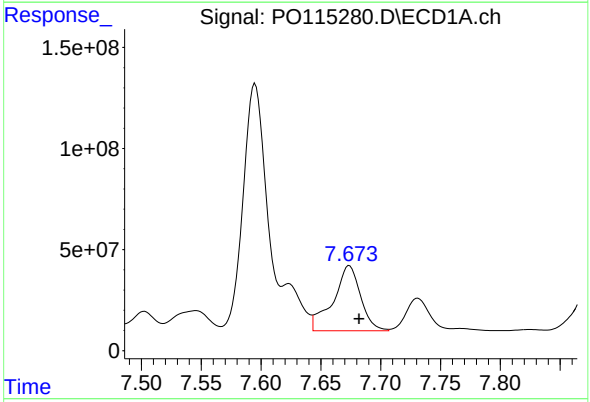
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



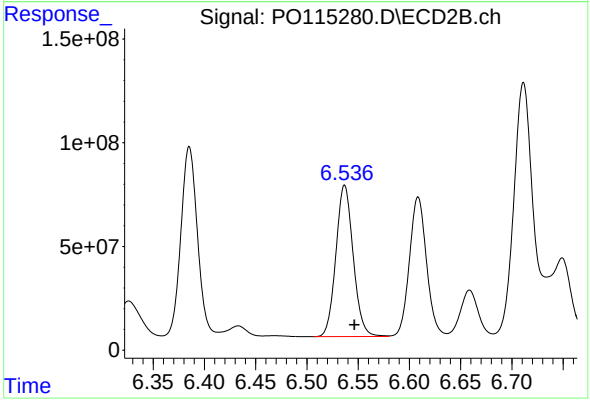
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 1012657912
Conc: 2354.85 ng/ml m



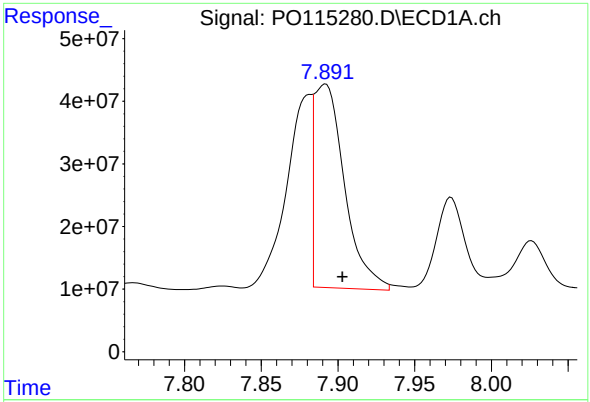
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 516216867
Conc: 1555.72 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 856791069
Conc: 2439.95 ng/ml



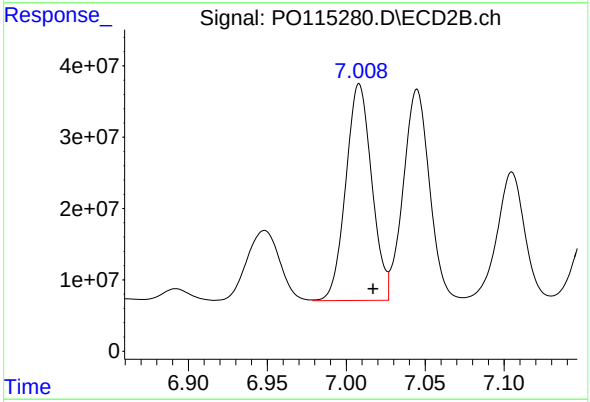
#34 AR-1260-4

R.T.: 7.891 min
Delta R.T.: -0.012 min
Response: 434214588
Conc: 1423.56 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH1

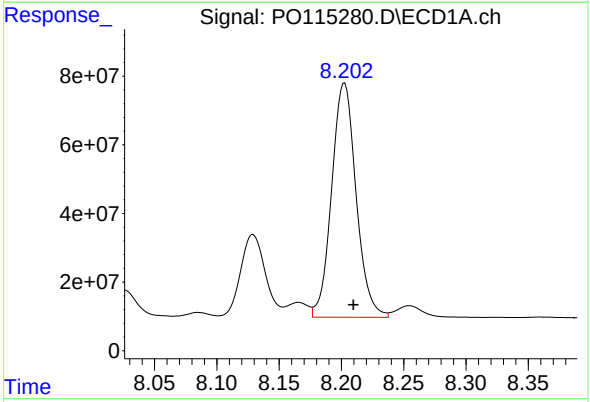
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



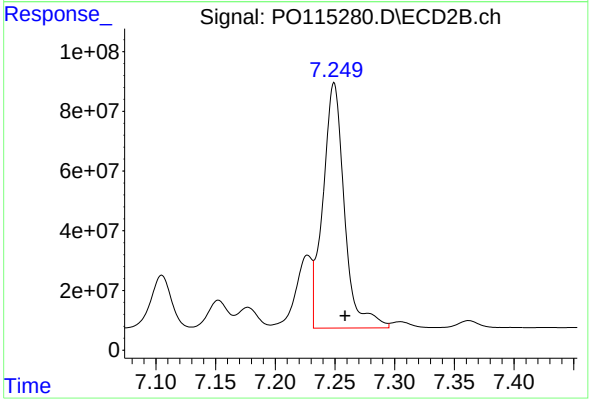
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 347363998
Conc: 1146.31 ng/ml



#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 934954777
Conc: 1310.90 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 1033345023
Conc: 1257.68 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH1DL	SDG No.:	Q3673
Lab Sample ID:	Q3673-06DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.3
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	202	UD	10	46.8	202	ug/kg	11/21/25 11:47	PB170650
11104-28-2	Aroclor-1221	202	UD	10	47.8	202	ug/kg	11/21/25 11:47	PB170650
11141-16-5	Aroclor-1232	202	UD	10	44.1	202	ug/kg	11/21/25 11:47	PB170650
53469-21-9	Aroclor-1242	202	UD	10	47.5	202	ug/kg	11/21/25 11:47	PB170650
12672-29-6	Aroclor-1248	202	UD	10	70.2	202	ug/kg	11/21/25 11:47	PB170650
11097-69-1	Aroclor-1254	1800	D	10	38.1	202	ug/kg	11/21/25 11:47	PB170650
37324-23-5	Aroclor-1262	202	UD	10	59.5	202	ug/kg	11/21/25 11:47	PB170650
11100-14-4	Aroclor-1268	202	UD	10	42.7	202	ug/kg	11/21/25 11:47	PB170650
11096-82-5	Aroclor-1260	845	D	10	38.3	202	ug/kg	11/21/25 11:47	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.8			21 - 165	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	39.8	*		10 - 170	199%	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 : PO115317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:47
Operator : YP/AJ
Sample : Q3673-06DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH1DL

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 24 12:47:34 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...	4.341	3.644	15439916	10161937	2.194	2.275
2)	SA Decachlor...	9.918	8.629	17578826	9571736	3.977	2.452 #
	Target Compounds						
26)	L6 AR-1254-1	6.322	5.517	117.5E6	125.0E6	463.760	416.515
27)	L6 AR-1254-2	6.538	5.665	169.5E6	104.0E6	457.671	385.776
28)	L6 AR-1254-3	6.898	6.066	161.0E6	177.2E6	418.251	419.764
29)	L6 AR-1254-4	7.179	6.293	138.7E6	112.4E6	422.065	377.985
30)	L6 AR-1254-5	7.593	6.710	159.0E6	158.4E6	526.685m	398.479
31)	L7 AR-1260-1	7.063	6.196	87516517	101.7E6	286.345	343.411
32)	L7 AR-1260-2	7.316	6.383	113.2E6	102.9E6	285.822	239.327
33)	L7 AR-1260-3	7.673	6.535	50669475	89097185	152.703	253.729 #
34)	L7 AR-1260-4	7.892	7.007	44830562	35510681	146.976m	117.186
35)	L7 AR-1260-5	8.201	7.247	86337051	94925840	121.053m	115.534

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

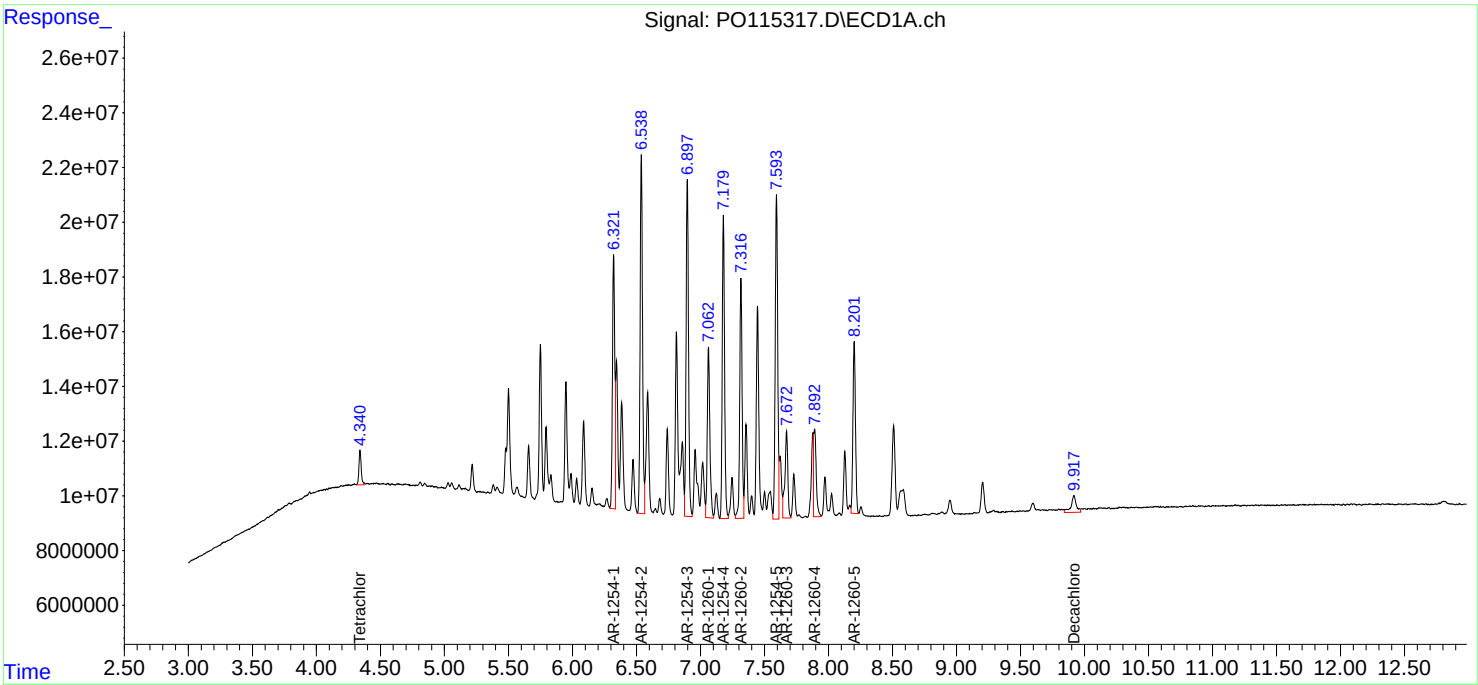
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:47
Operator : YP/AJ
Sample : Q3673-06DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

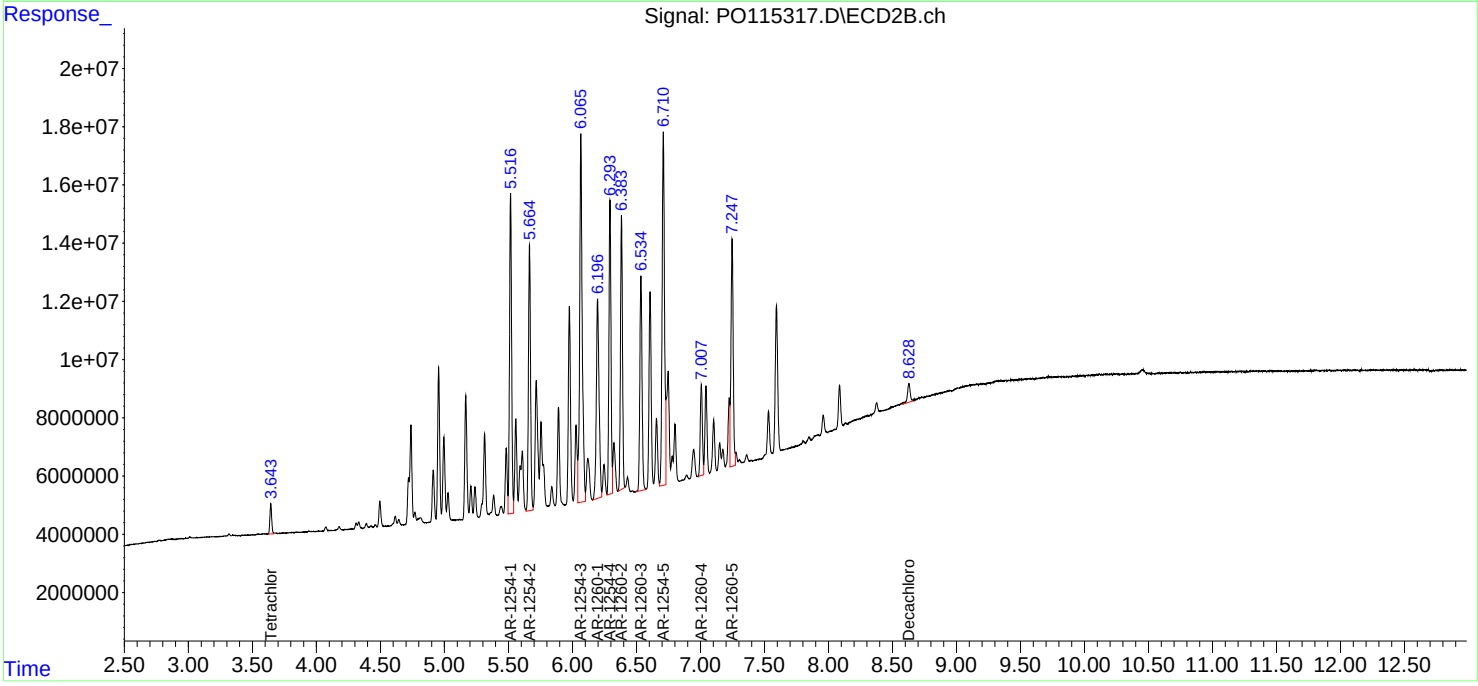
Instrument :
ECD_O
ClientSampleId :
C0AH1DL

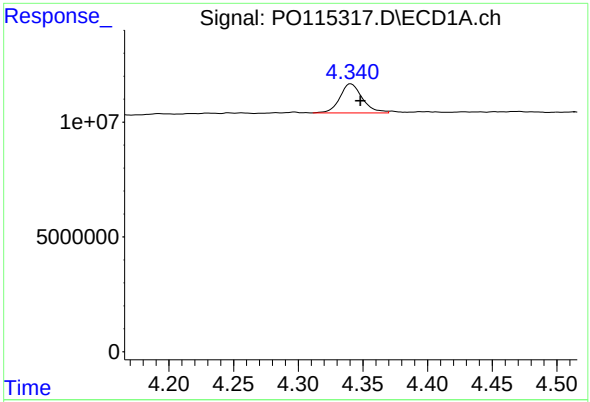
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:47:34 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







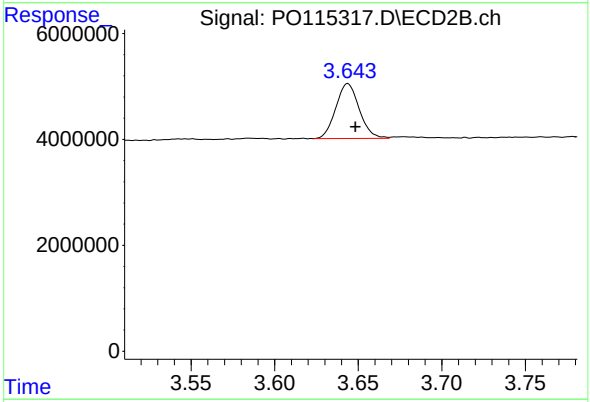
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 15439916
Conc: 2.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH1DL

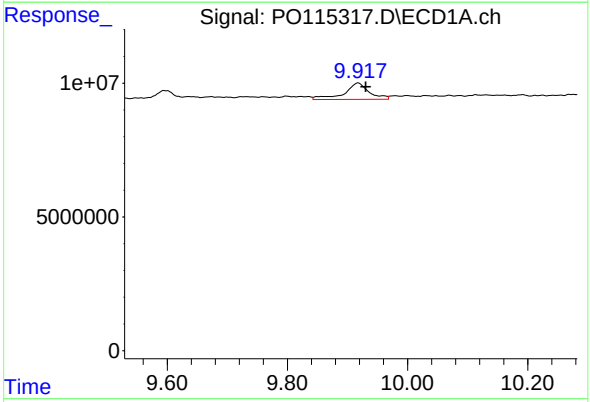
Manual Integrations APPROVED

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



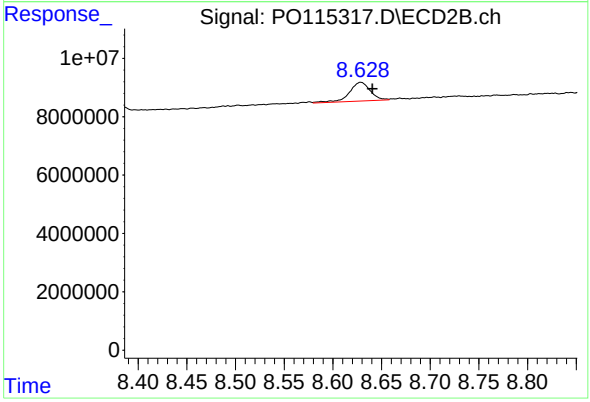
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 10161937
Conc: 2.28 ng/ml



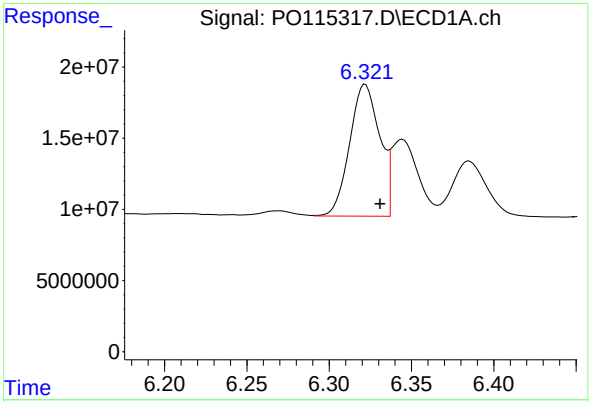
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 17578826
Conc: 3.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.012 min
Response: 9571736
Conc: 2.45 ng/ml



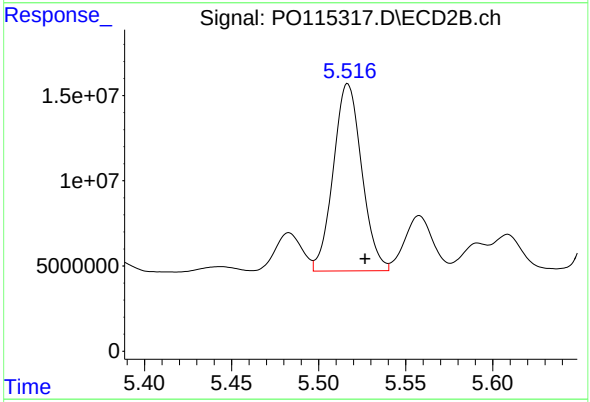
#26 AR-1254-1

R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 117530515
Conc: 463.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH1DL

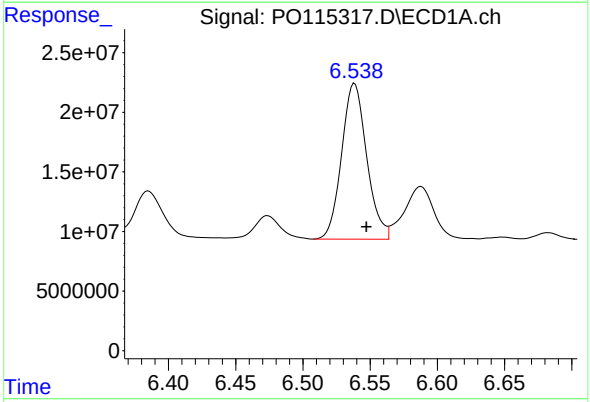
Manual Integrations APPROVED

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



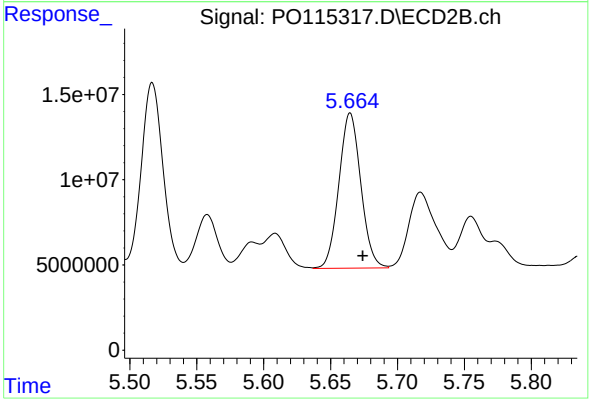
#26 AR-1254-1

R.T.: 5.517 min
Delta R.T.: -0.010 min
Response: 125029414
Conc: 416.51 ng/ml



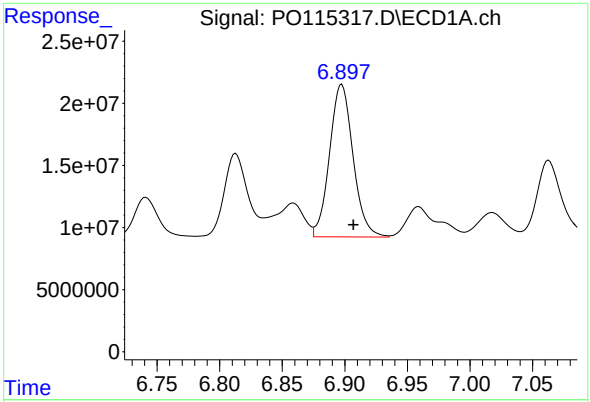
#27 AR-1254-2

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 169541807
Conc: 457.67 ng/ml



#27 AR-1254-2

R.T.: 5.665 min
Delta R.T.: -0.009 min
Response: 104008203
Conc: 385.78 ng/ml



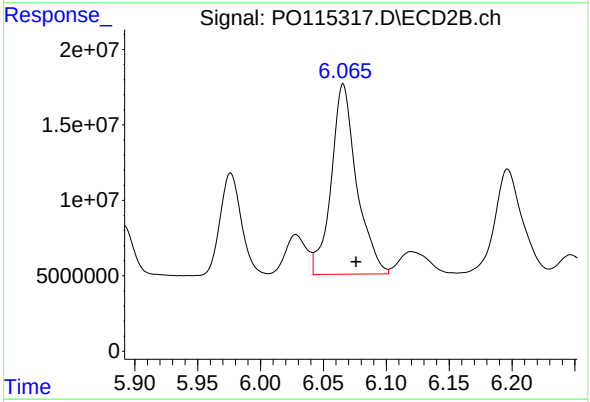
#28 AR-1254-3

R.T.: 6.898 min
Delta R.T.: -0.009 min
Response: 160970169
Conc: 418.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH1DL

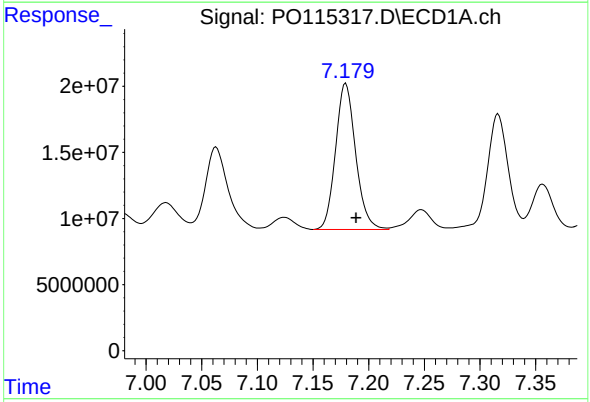
Manual Integrations APPROVED

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



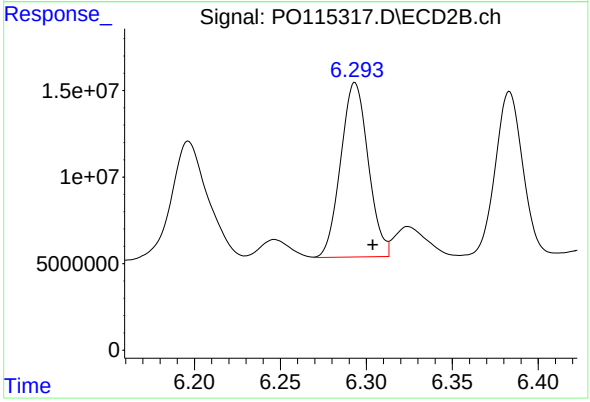
#28 AR-1254-3

R.T.: 6.066 min
Delta R.T.: -0.010 min
Response: 177242950
Conc: 419.76 ng/ml



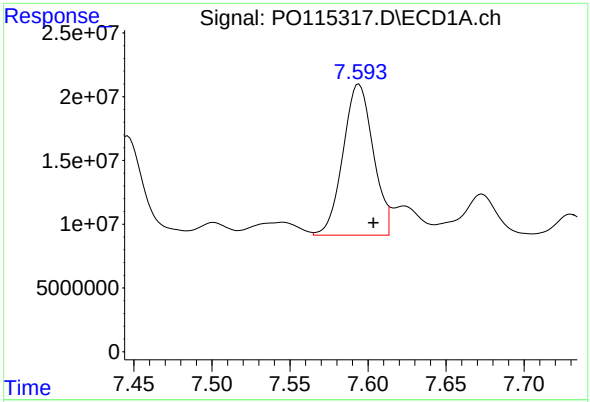
#29 AR-1254-4

R.T.: 7.179 min
Delta R.T.: -0.009 min
Response: 138739531
Conc: 422.06 ng/ml



#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.010 min
Response: 112410473
Conc: 377.98 ng/ml



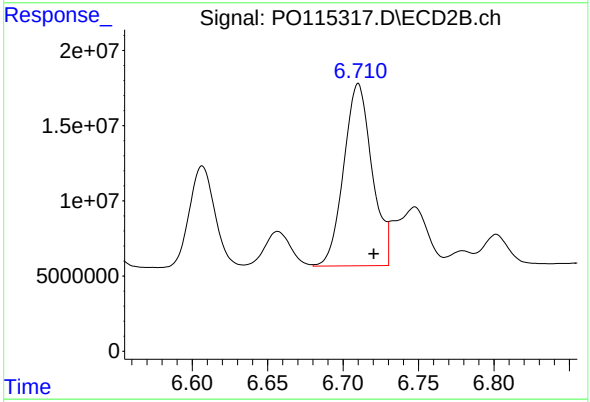
#30 AR-1254-5

R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 158981737
Conc: 526.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH1DL

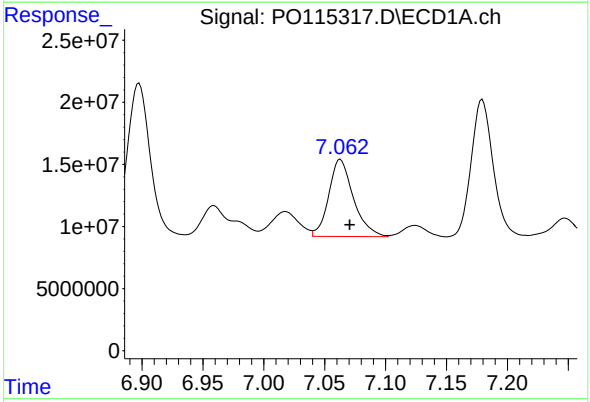
Manual Integrations APPROVED

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



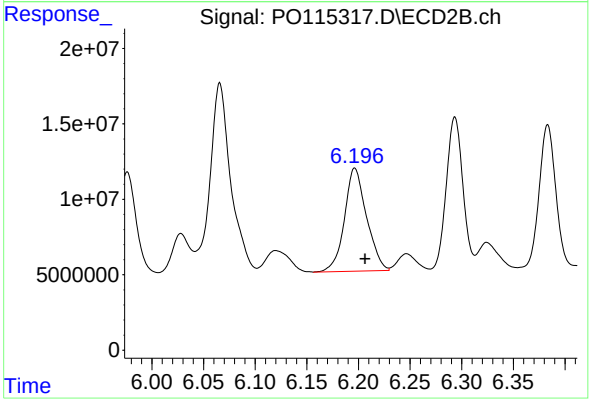
#30 AR-1254-5

R.T.: 6.710 min
Delta R.T.: -0.010 min
Response: 158405874
Conc: 398.48 ng/ml



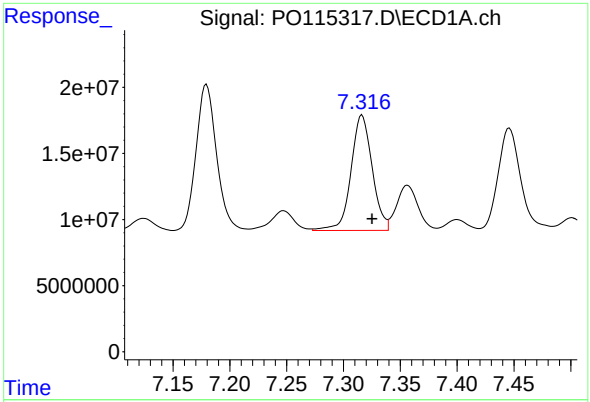
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 87516517
Conc: 286.34 ng/ml



#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.010 min
Response: 101686565
Conc: 343.41 ng/ml



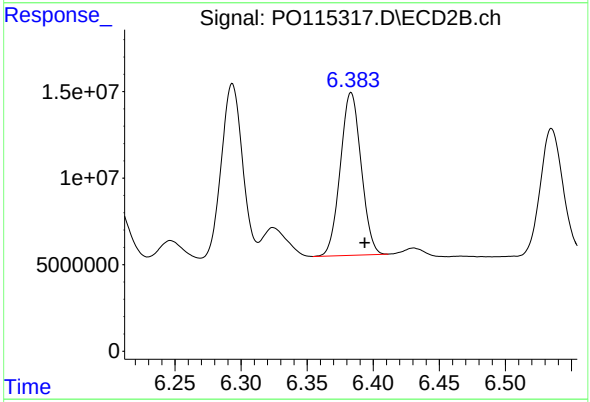
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 113150380
Conc: 285.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH1DL

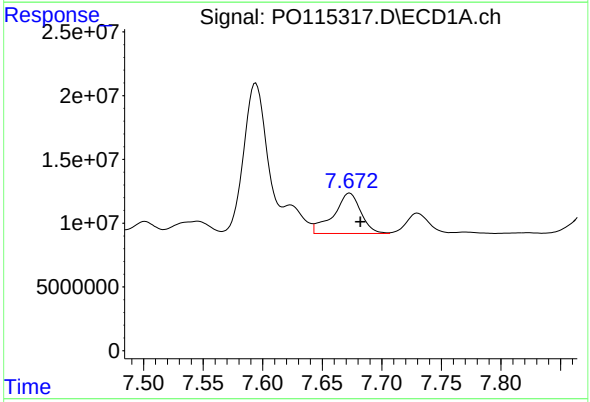
Manual Integrations APPROVED

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



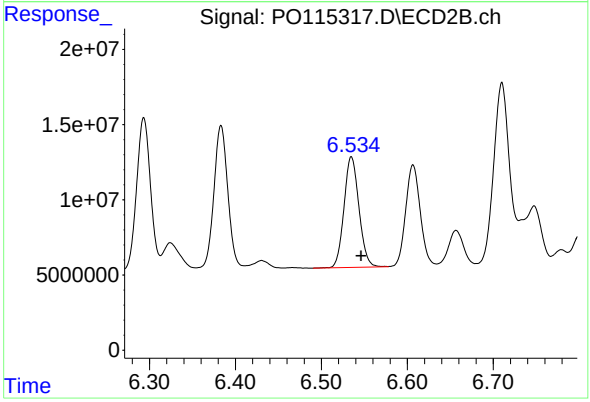
#32 AR-1260-2

R.T.: 6.383 min
Delta R.T.: -0.010 min
Response: 102918230
Conc: 239.33 ng/ml



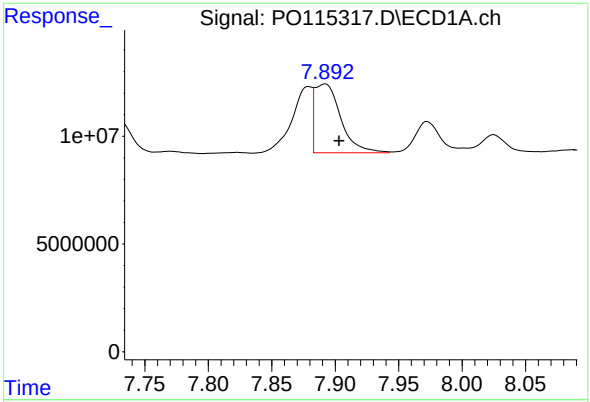
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 50669475
Conc: 152.70 ng/ml



#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: -0.011 min
Response: 89097185
Conc: 253.73 ng/ml



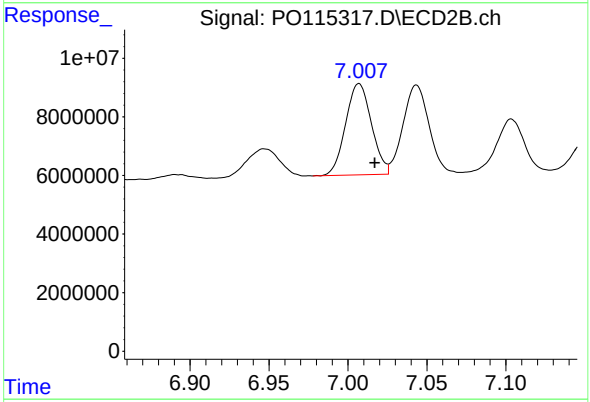
#34 AR-1260-4

R.T.: 7.892 min
Delta R.T.: -0.011 min
Response: 44830562
Conc: 146.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH1DL

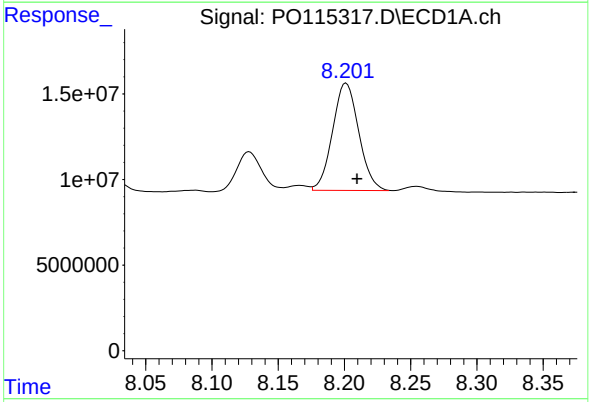
Manual Integrations APPROVED

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



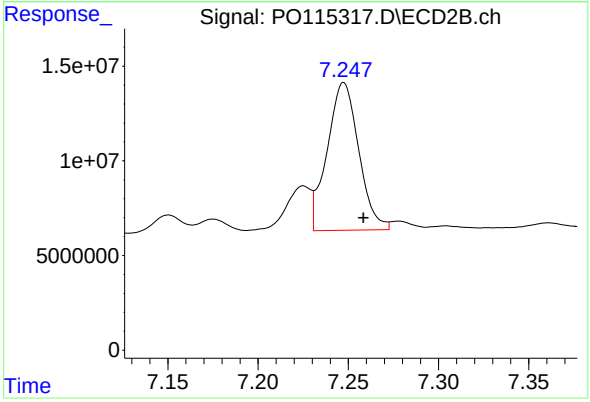
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 35510681
Conc: 117.19 ng/ml



#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 86337051
Conc: 121.05 ng/ml m



#35 AR-1260-5

R.T.: 7.247 min
Delta R.T.: -0.011 min
Response: 94925840
Conc: 115.53 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH2	SDG No.:	Q3673
Lab Sample ID:	Q3673-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.3
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/20/25 20:44	PB170650
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/20/25 20:44	PB170650
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/20/25 20:44	PB170650
53469-21-9	Aroclor-1242	45000	E	1	4.80	20.4	ug/kg	11/20/25 20:44	PB170650
12672-29-6	Aroclor-1248	20.4	U	1	7.10	20.4	ug/kg	11/20/25 20:44	PB170650
11097-69-1	Aroclor-1254	20.4	U	1	3.90	20.4	ug/kg	11/20/25 20:44	PB170650
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/20/25 20:44	PB170650
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/20/25 20:44	PB170650
11096-82-5	Aroclor-1260	1100	E	1	3.90	20.4	ug/kg	11/20/25 20:44	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.1			21 - 165	86%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.3			10 - 170	72%	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\PO112025\
Data File : PO115281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:44
Operator : YP/AJ
Sample : Q3673-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 16:29:48 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	3.645	108.3E6	76606438	15.394m	17.150
2)	SA Decachlor...	9.919	8.631	60591802	55994837	13.708	14.344
	Target Compounds						
16)	L4 AR-1242-1	5.479	4.722	20660.9E6	12446.0E6	110936.303m	85117.417m
17)	L4 AR-1242-2	5.493	4.738	39372.1E6	28149.9E6	131777.836m	135892.573m
18)	L4 AR-1242-3	5.566	4.916	7979.7E6	16145.3E6	46564.486	144183.839 #
19)	L4 AR-1242-4	5.658	5.000	20500.5E6	14839.2E6	143176.419	138513.919
20)	L4 AR-1242-5	6.384	5.519	6527.1E6	7983.0E6	46305.341	55857.608
31)	L7 AR-1260-1	7.063	6.198	851.5E6	852.3E6	2785.956	2878.250
32)	L7 AR-1260-2	7.317	6.386	1223.4E6	1044.5E6	3090.375	2428.927
33)	L7 AR-1260-3	7.674	6.538	900.7E6	885.0E6	2714.298	2520.162
34)	L7 AR-1260-4	7.895	7.008	835.6E6	714.1E6	2739.614m	2356.378
35)	L7 AR-1260-5	8.202	7.250	1961.2E6	2068.1E6	2749.791	2517.022

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

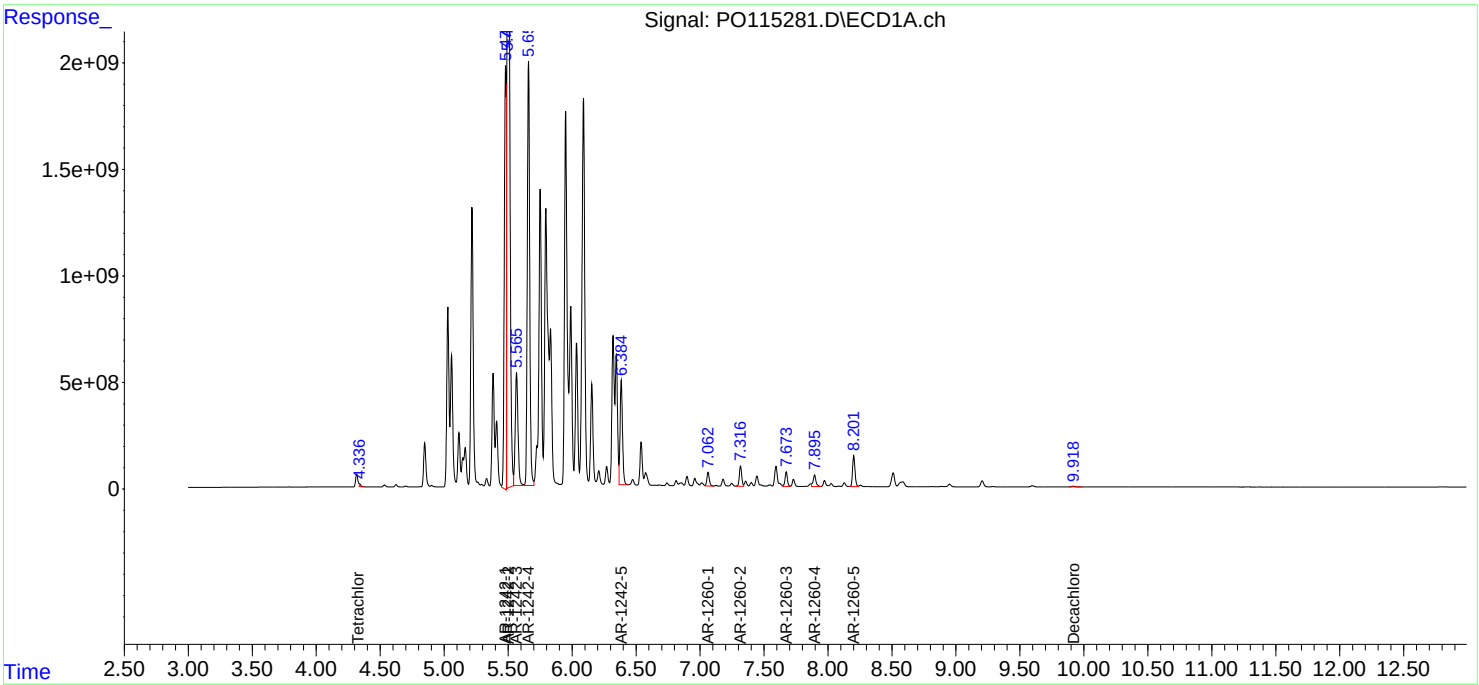
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:44
Operator : YP/AJ
Sample : Q3673-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

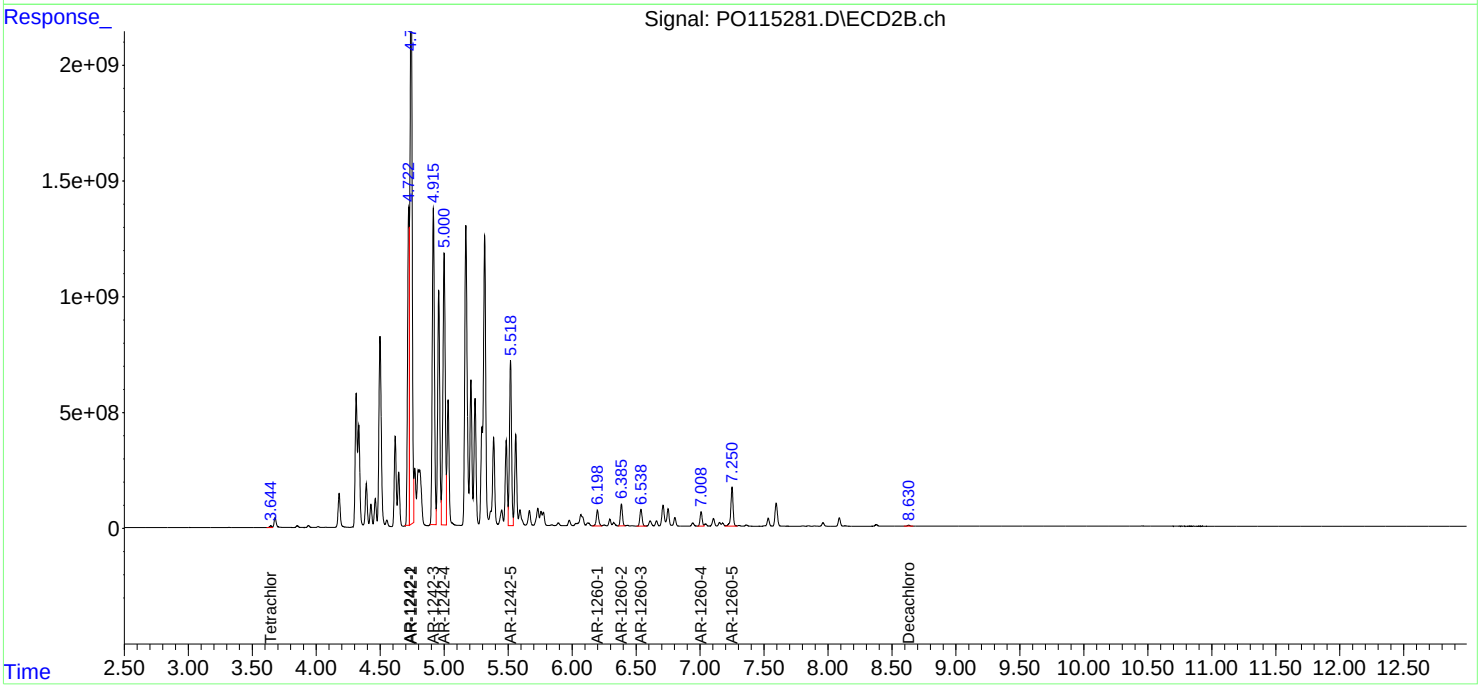
Instrument :
ECD_O
ClientSampleId :
C0AH2

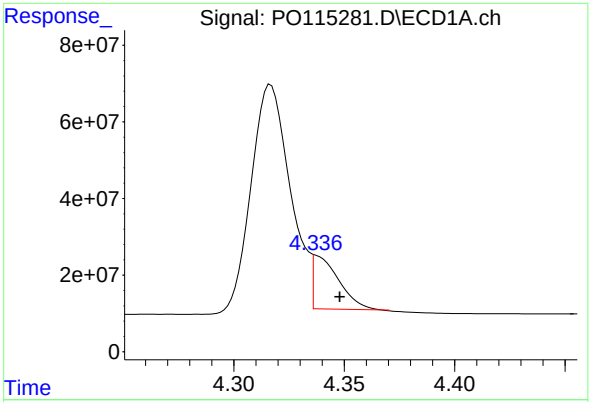
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 16:29:48 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







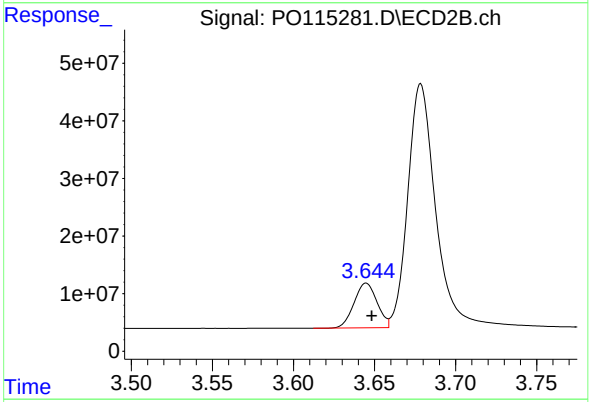
#1 Tetrachloro-m-xylene

R.T.: 4.336 min
Delta R.T.: -0.012 min
Response: 108347296
Conc: 15.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2

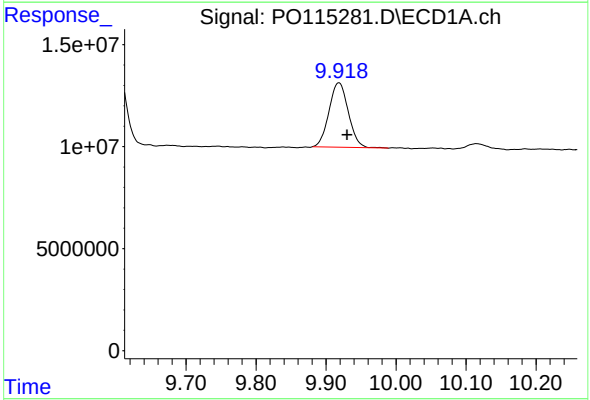
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



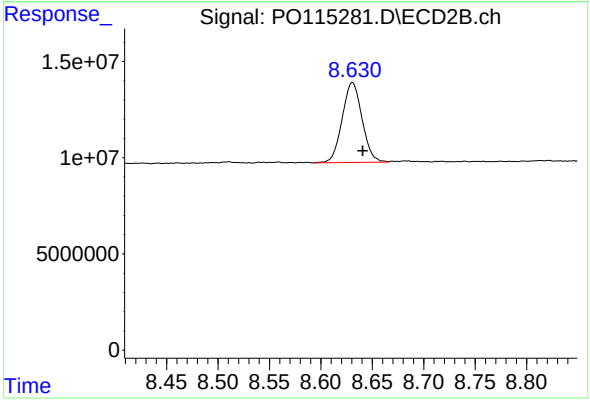
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.003 min
Response: 76606438
Conc: 17.15 ng/ml



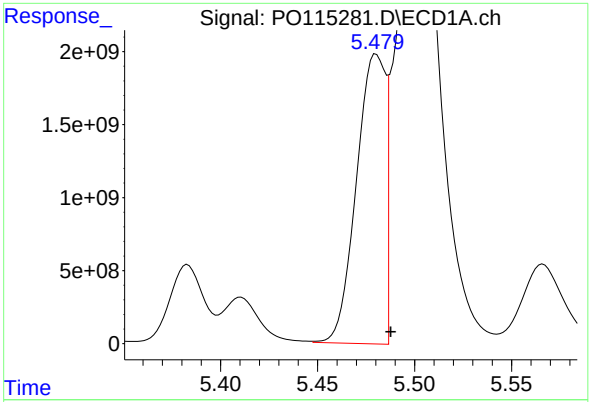
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.012 min
Response: 60591802
Conc: 13.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.631 min
Delta R.T.: -0.010 min
Response: 55994837
Conc: 14.34 ng/ml



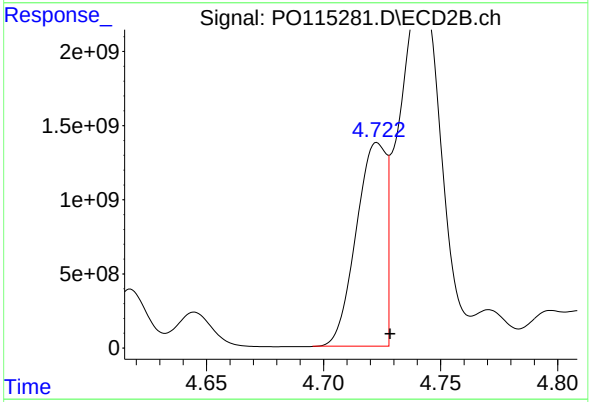
#16 AR-1242-1

R.T.: 5.479 min
Delta R.T.: -0.008 min
Response: 20660860512
Conc: 110936.30 ng/

Instrument :
ECD_O
ClientSampleId :
C0AH2

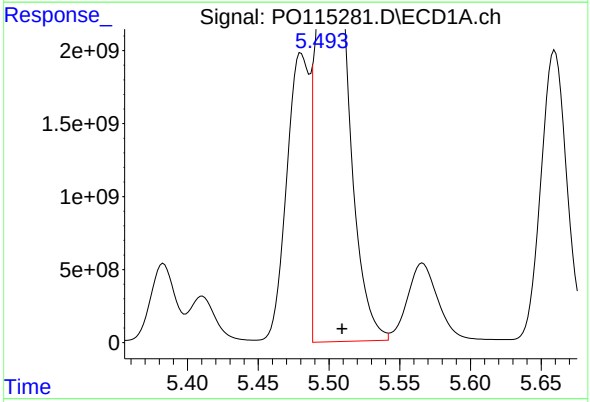
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



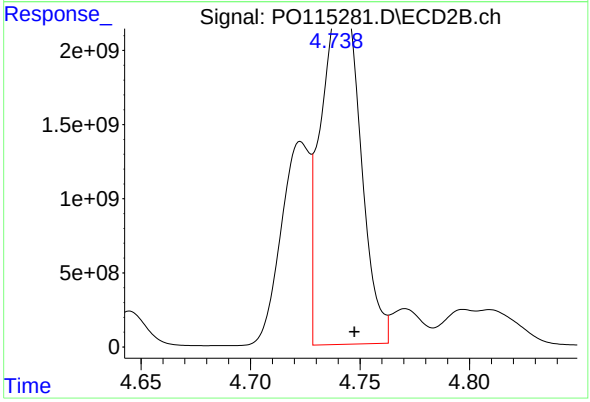
#16 AR-1242-1

R.T.: 4.722 min
Delta R.T.: -0.006 min
Response: 12446004083
Conc: 85117.42 ng/ml m



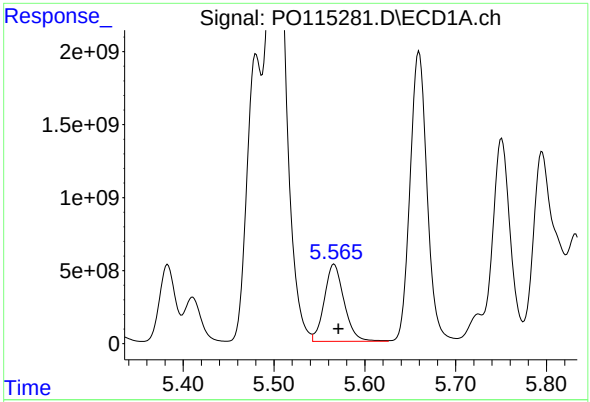
#17 AR-1242-2

R.T.: 5.493 min
Delta R.T.: -0.016 min
Response: 39372078868
Conc: 131777.84 ng/ml m



#17 AR-1242-2

R.T.: 4.738 min
Delta R.T.: -0.010 min
Response: 28149860000
Conc: 135892.57 ng/ml m



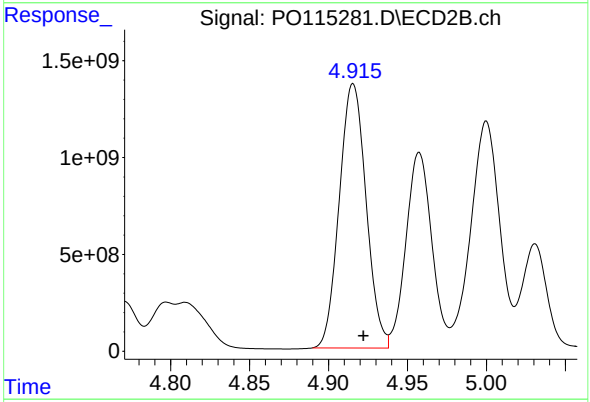
#18 AR-1242-3

R.T.: 5.566 min
Delta R.T.: -0.005 min
Response: 7979703046
Conc: 46564.49 ng/

Instrument :
ECD_O
ClientSampleId :
C0AH2

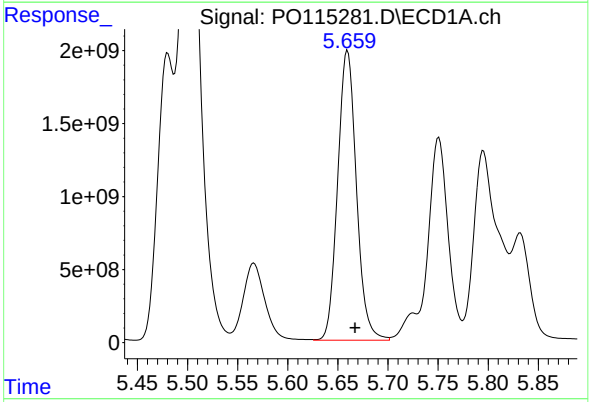
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



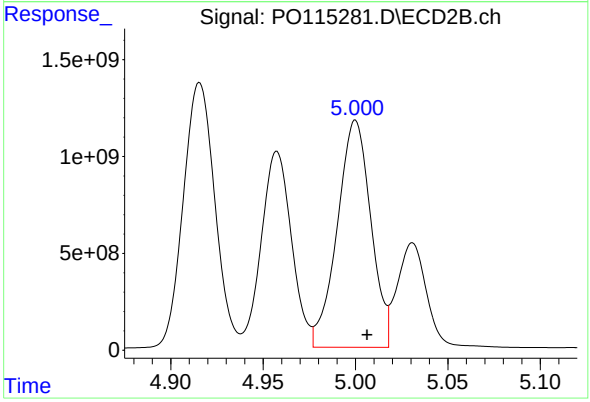
#18 AR-1242-3

R.T.: 4.916 min
Delta R.T.: -0.007 min
Response: 16145349020
Conc: 144183.84 ng/ml



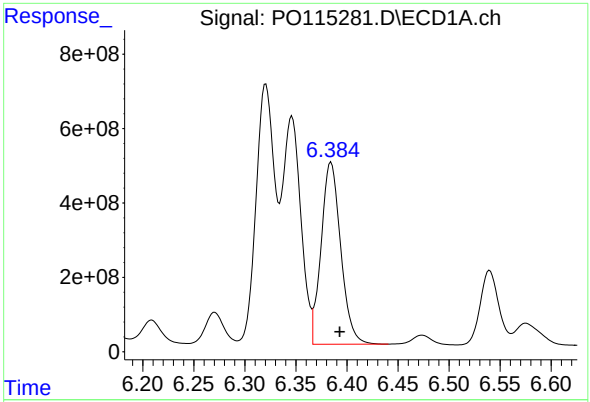
#19 AR-1242-4

R.T.: 5.658 min
Delta R.T.: -0.010 min
Response: 20500519817
Conc: 143176.42 ng/ml



#19 AR-1242-4

R.T.: 5.000 min
Delta R.T.: -0.006 min
Response: 14839155085
Conc: 138513.92 ng/ml



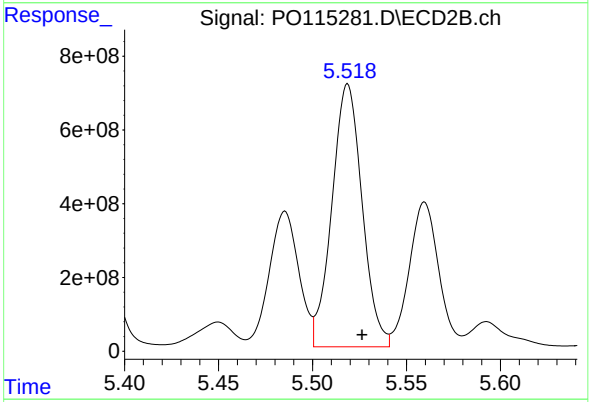
#20 AR-1242-5

R.T.: 6.384 min
Delta R.T.: -0.008 min
Response: 6527076991
Conc: 46305.34 ng/

Instrument :
ECD_O
ClientSampleId :
C0AH2

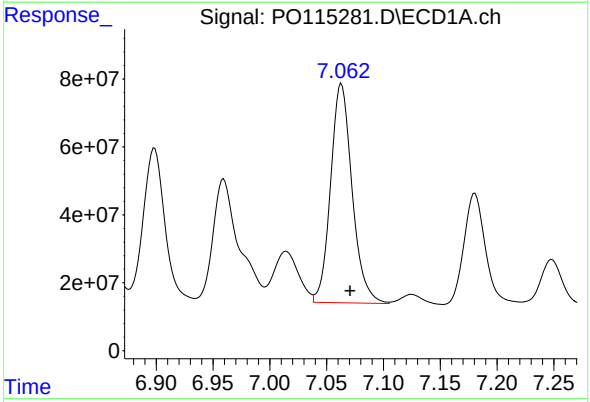
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



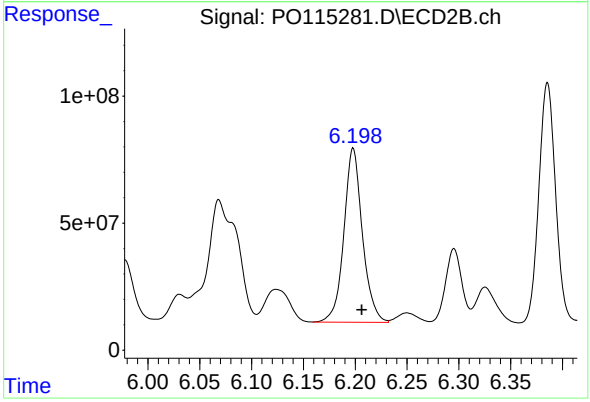
#20 AR-1242-5

R.T.: 5.519 min
Delta R.T.: -0.008 min
Response: 7983044020
Conc: 55857.61 ng/ml



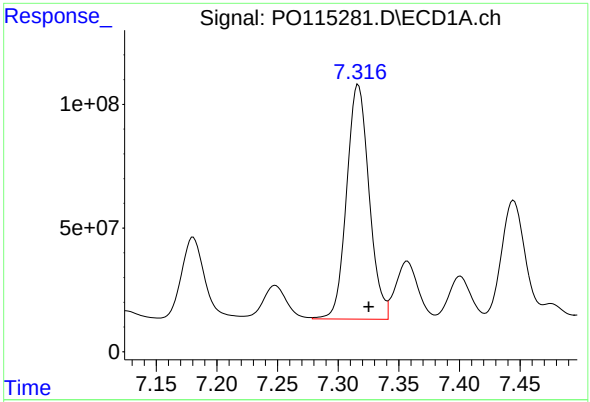
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 851481196
Conc: 2785.96 ng/ml



#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.008 min
Response: 852271308
Conc: 2878.25 ng/ml



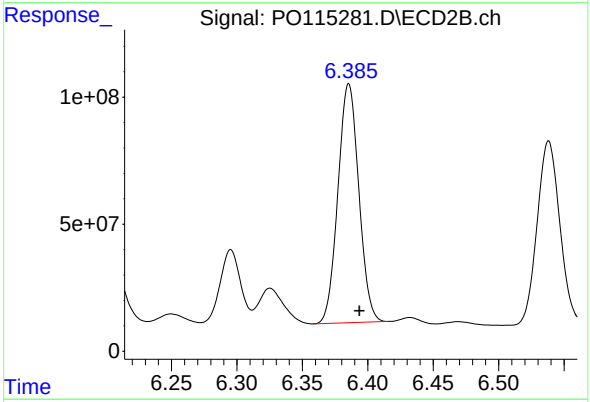
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 1223409136
Conc: 3090.38 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH2

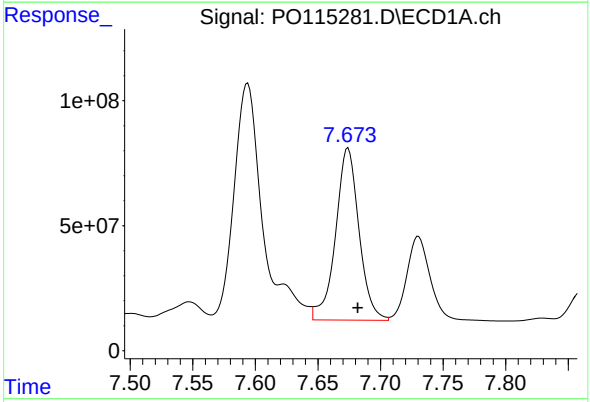
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



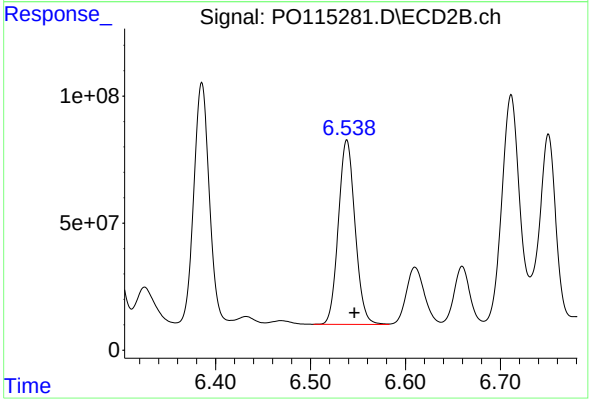
#32 AR-1260-2

R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 1044514486
Conc: 2428.93 ng/ml



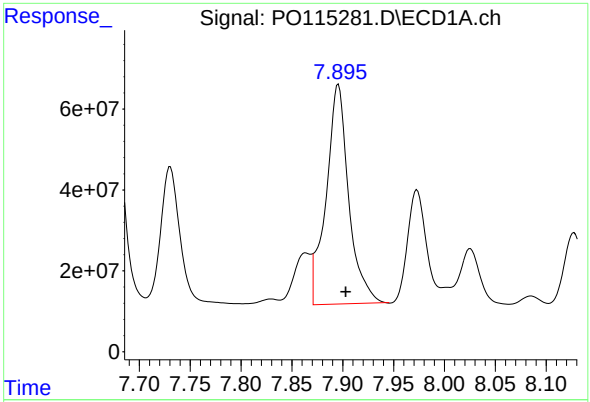
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 900652897
Conc: 2714.30 ng/ml



#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.008 min
Response: 884958421
Conc: 2520.16 ng/ml



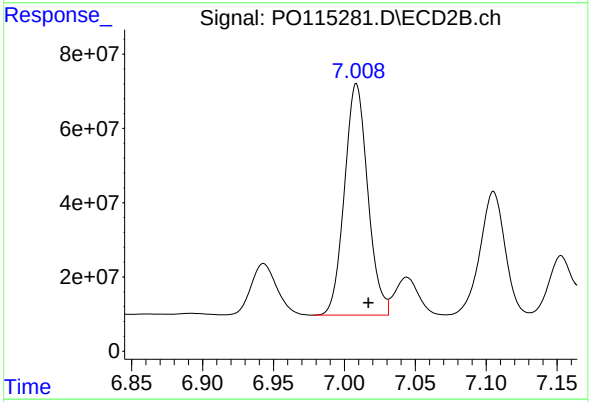
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 835637209
Conc: 2739.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2

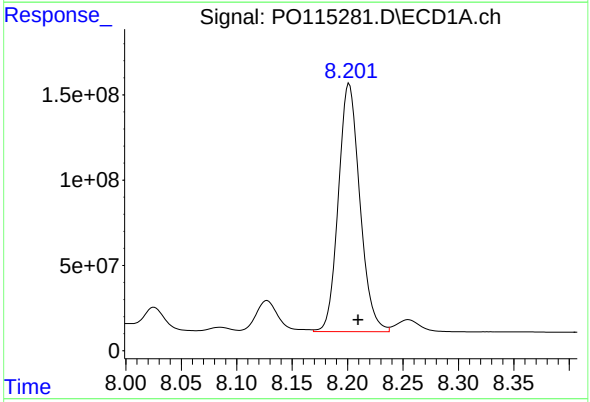
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



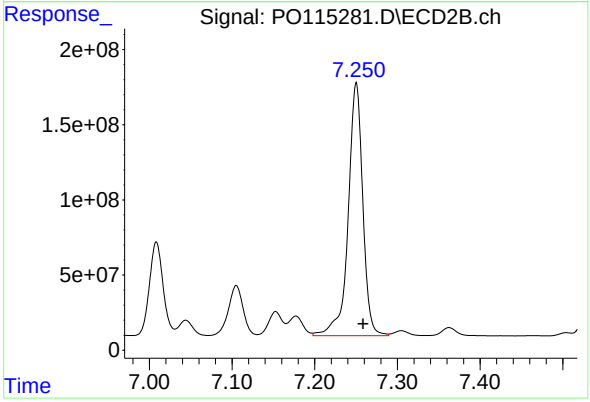
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 714050186
Conc: 2356.38 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.008 min
Response: 1961202520
Conc: 2749.79 ng/ml



#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 2068055625
Conc: 2517.02 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH2DL	SDG No.:	Q3673
Lab Sample ID:	Q3673-07DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.3
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	204	UD	10	47.4	204	ug/kg	11/25/25 10:58	PB170650
11104-28-2	Aroclor-1221	204	UD	10	48.4	204	ug/kg	11/25/25 10:58	PB170650
11141-16-5	Aroclor-1232	204	UD	10	44.6	204	ug/kg	11/25/25 10:58	PB170650
53469-21-9	Aroclor-1242	49000	ED	10	48.1	204	ug/kg	11/25/25 10:58	PB170650
12672-29-6	Aroclor-1248	204	UD	10	71.0	204	ug/kg	11/25/25 10:58	PB170650
11097-69-1	Aroclor-1254	204	UD	10	38.5	204	ug/kg	11/25/25 10:58	PB170650
37324-23-5	Aroclor-1262	204	UD	10	60.2	204	ug/kg	11/25/25 10:58	PB170650
11100-14-4	Aroclor-1268	204	UD	10	43.2	204	ug/kg	11/25/25 10:58	PB170650
11096-82-5	Aroclor-1260	1200	D	10	38.8	204	ug/kg	11/25/25 10:58	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	16.6			21 - 165	83%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.0			10 - 170	75%	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 : PO115393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 10:58
Operator : YP/AJ
Sample : Q3673-07DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

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 03:53:23 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...	4.336	3.642	10050696	7414462	1.428m	1.660
2)	SA Decachlor...	9.921	8.627	5332743	5844496	1.206	1.497m
	Target Compounds						
16)	L4 AR-1242-1	5.481	4.720	2017.9E6	1320.5E6	10834.978	9030.962
17)	L4 AR-1242-2	5.503	4.739	5823.4E6	3492.3E6	19490.855	16859.125
18)	L4 AR-1242-3	5.567	4.913	775.6E6	1733.7E6	4525.769	15482.446 #
19)	L4 AR-1242-4	5.660	4.997	2614.1E6	1557.7E6	18257.294	14540.521
20)	L4 AR-1242-5	6.386	5.516	587.4E6	769.5E6	4166.922	5384.540 #
31)	L7 AR-1260-1	7.064	6.196	103.5E6	88989759	338.683	300.532
32)	L7 AR-1260-2	7.318	6.383	131.9E6	99634226	333.208	231.691 #
33)	L7 AR-1260-3	7.675	6.535	88394916	89648183	266.396	255.298
34)	L7 AR-1260-4	7.898	7.006	81171541	66373041	266.119	219.032
35)	L7 AR-1260-5	8.203	7.247	174.1E6	179.6E6	244.044	218.596

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

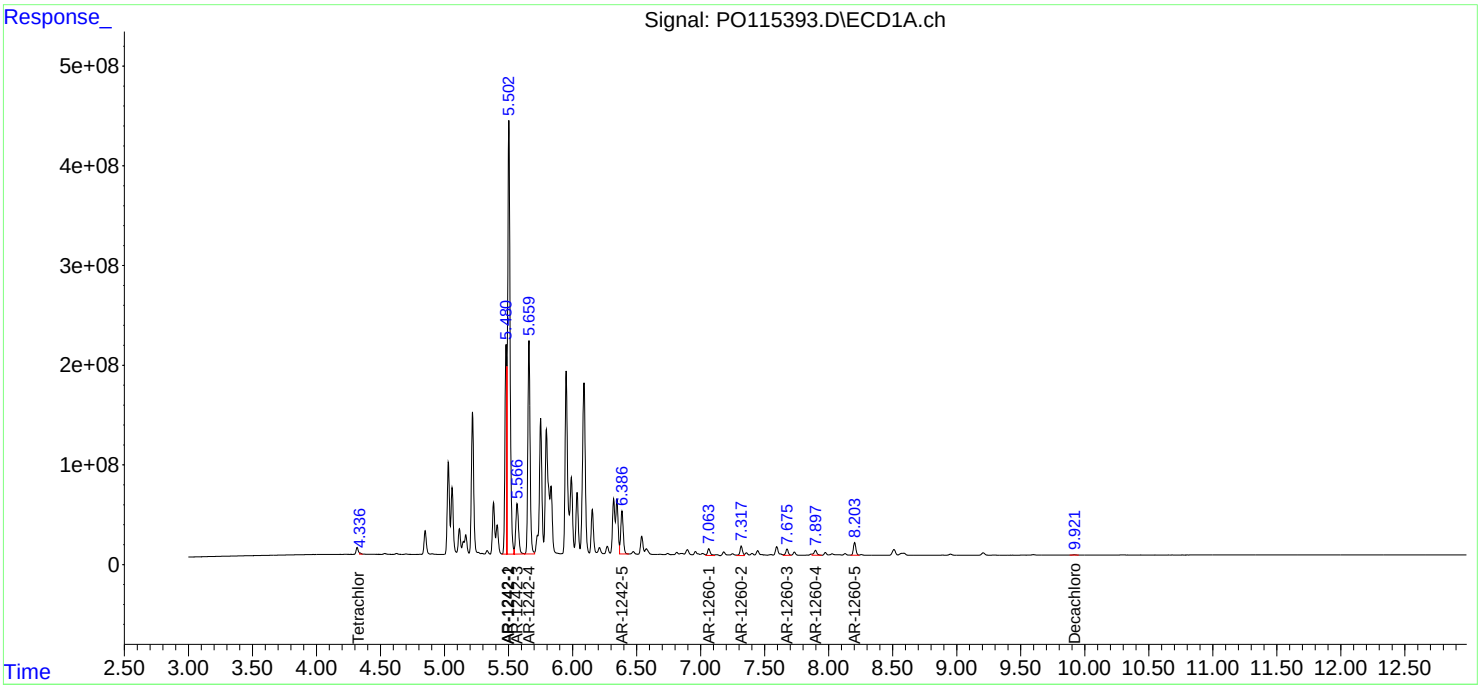
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 10:58
Operator : YP/AJ
Sample : Q3673-07DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

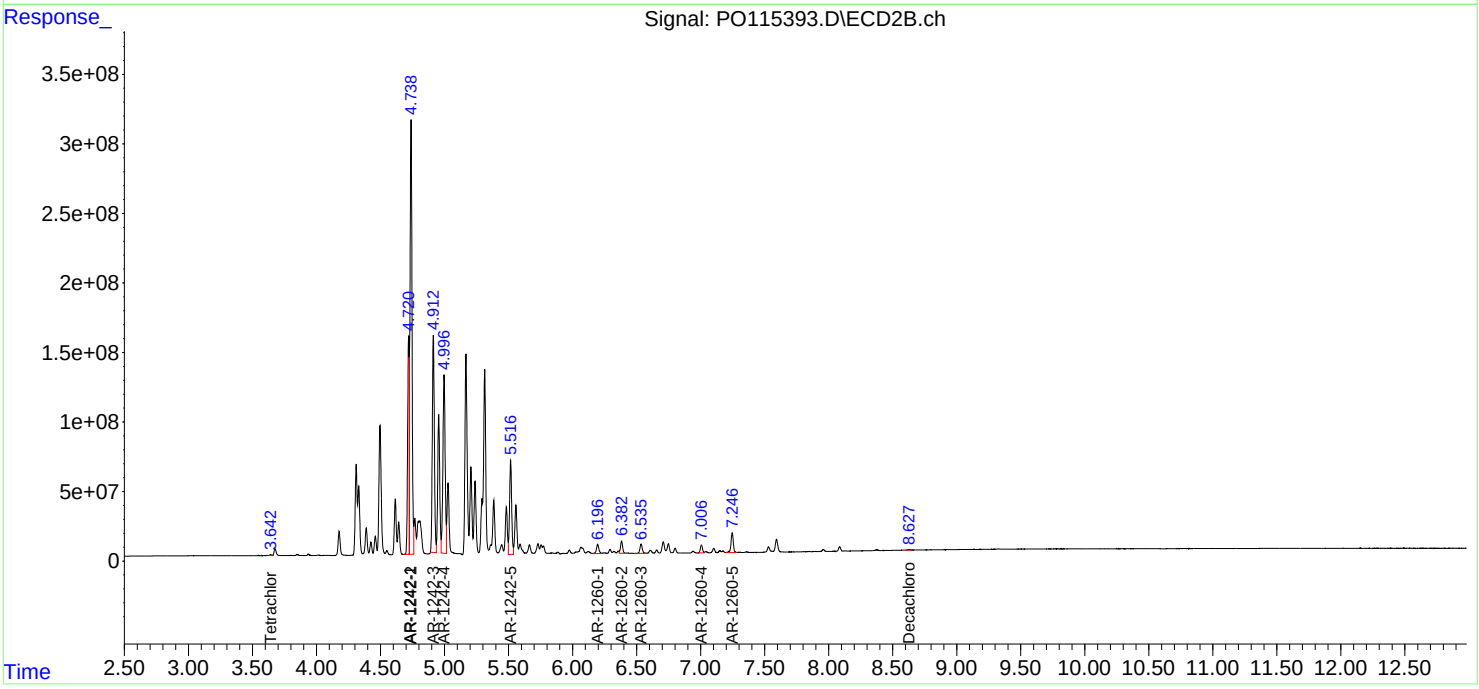
Instrument :
ECD_O
ClientSampleId :
C0AH2DL

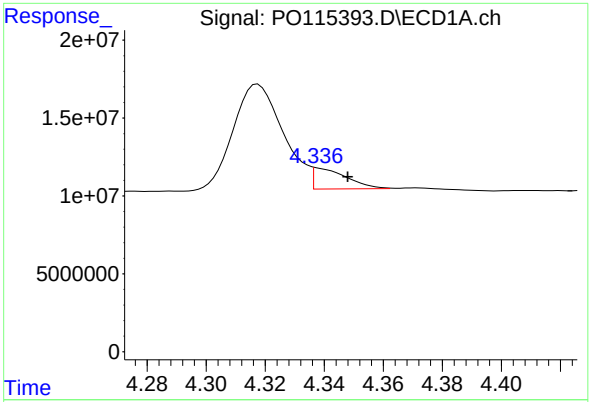
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 03:53:23 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







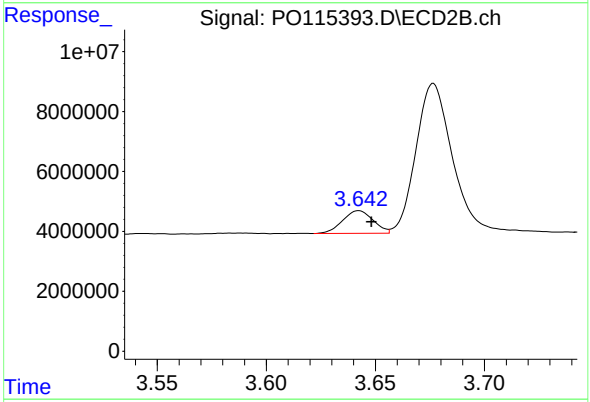
#1 Tetrachloro-m-xylene

R.T.: 4.336 min
Delta R.T.: -0.012 min
Response: 10050696
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

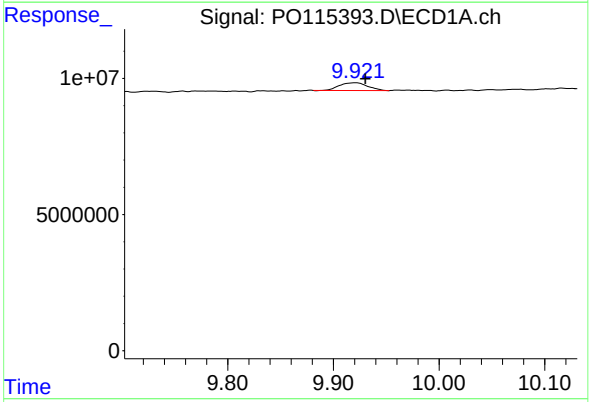
Manual Integrations APPROVED

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



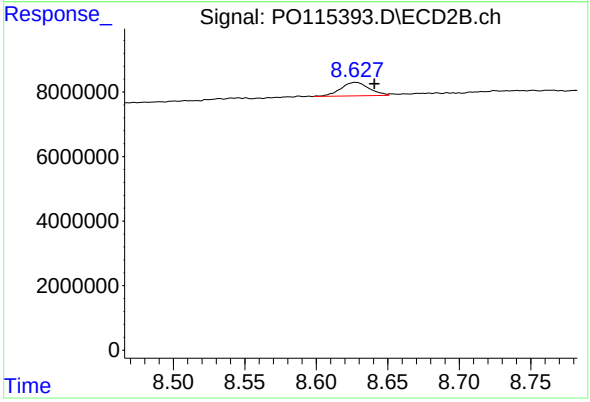
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.006 min
Response: 7414462
Conc: 1.66 ng/ml



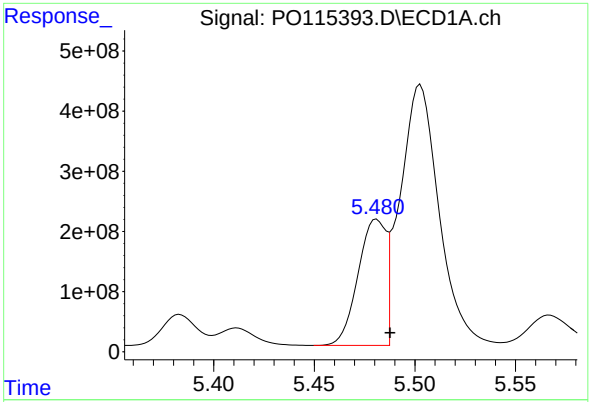
#2 Decachlorobiphenyl

R.T.: 9.921 min
Delta R.T.: -0.009 min
Response: 5332743
Conc: 1.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: -0.014 min
Response: 5844496
Conc: 1.50 ng/ml m



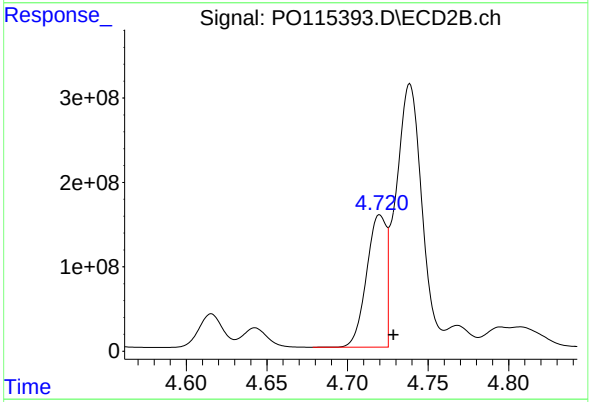
#16 AR-1242-1

R.T.: 5.481 min
Delta R.T.: -0.007 min
Response: 2017914398
Conc: 10834.98 ng/

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

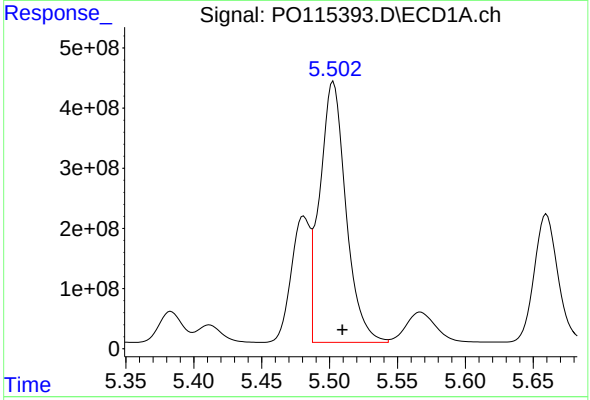
Manual Integrations APPROVED

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



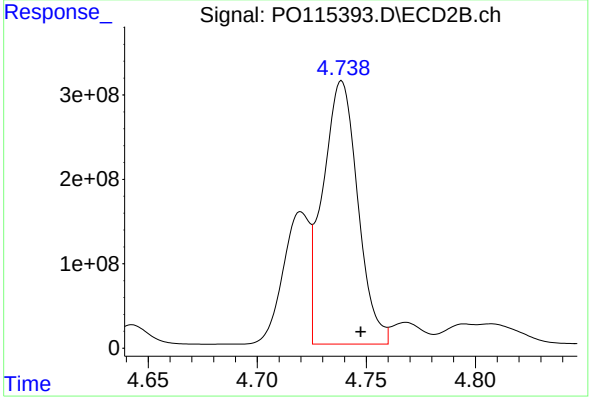
#16 AR-1242-1

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 1320521639
Conc: 9030.96 ng/ml



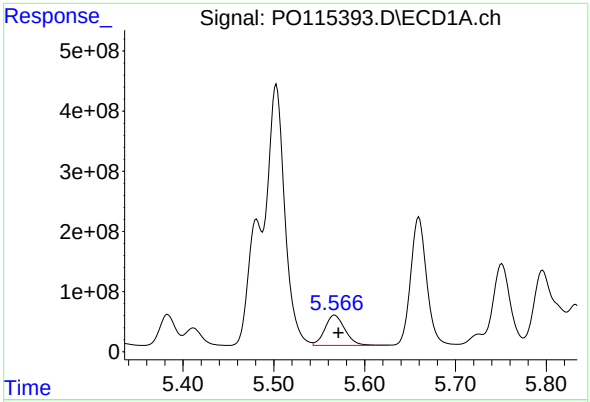
#17 AR-1242-2

R.T.: 5.503 min
Delta R.T.: -0.007 min
Response: 5823403125
Conc: 19490.85 ng/ml



#17 AR-1242-2

R.T.: 4.739 min
Delta R.T.: -0.009 min
Response: 3492332103
Conc: 16859.12 ng/ml



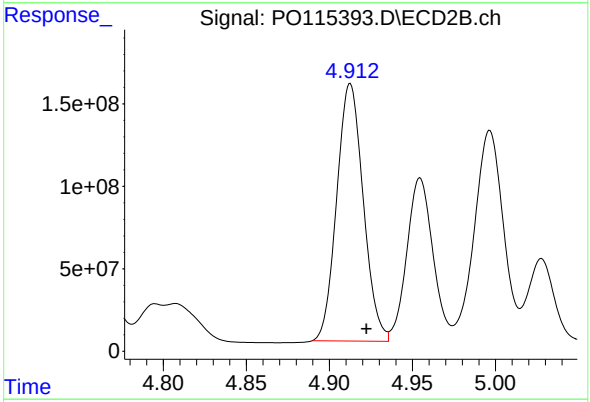
#18 AR-1242-3

R.T.: 5.567 min
Delta R.T.: -0.004 min
Response: 775575977
Conc: 4525.77 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

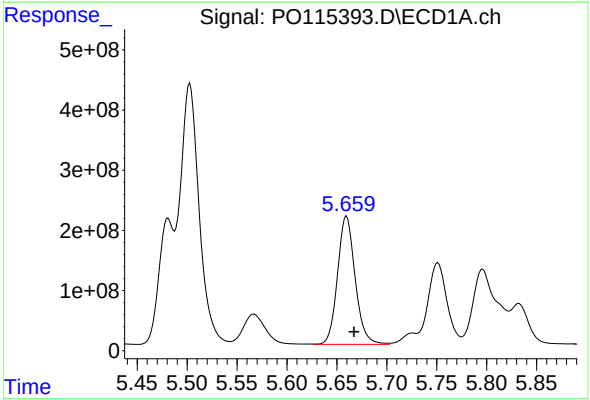
Manual Integrations APPROVED

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



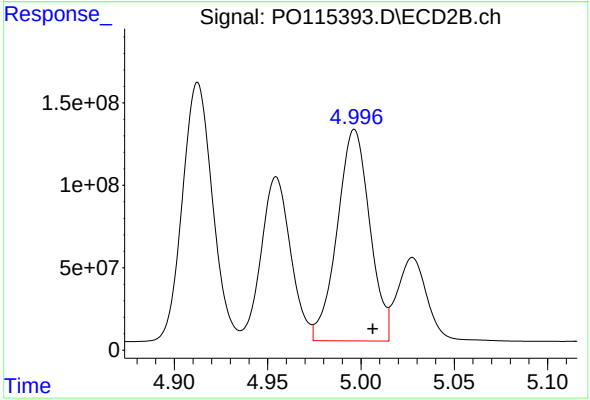
#18 AR-1242-3

R.T.: 4.913 min
Delta R.T.: -0.010 min
Response: 1733685944
Conc: 15482.45 ng/ml



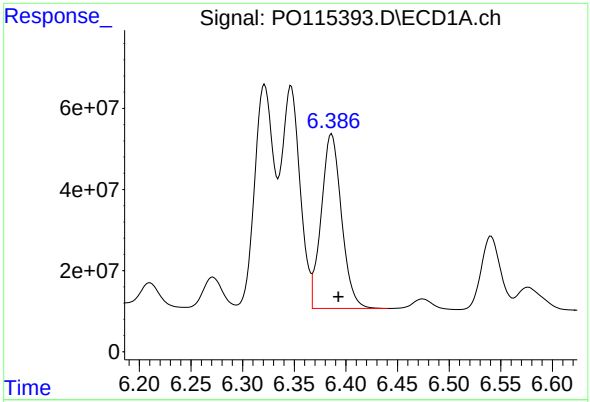
#19 AR-1242-4

R.T.: 5.660 min
Delta R.T.: -0.007 min
Response: 2614145638
Conc: 18257.29 ng/ml



#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.010 min
Response: 1557742718
Conc: 14540.52 ng/ml



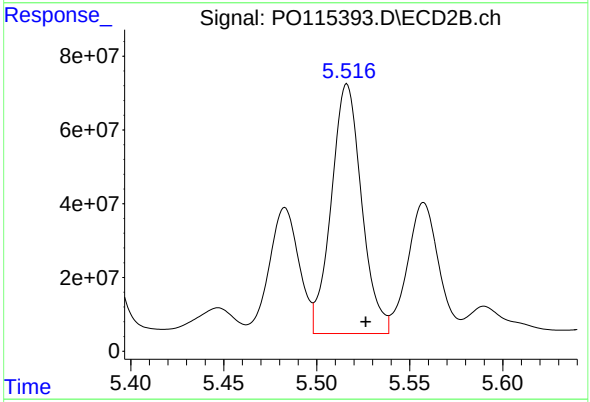
#20 AR-1242-5

R.T.: 6.386 min
Delta R.T.: -0.007 min
Response: 587358243
Conc: 4166.92 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

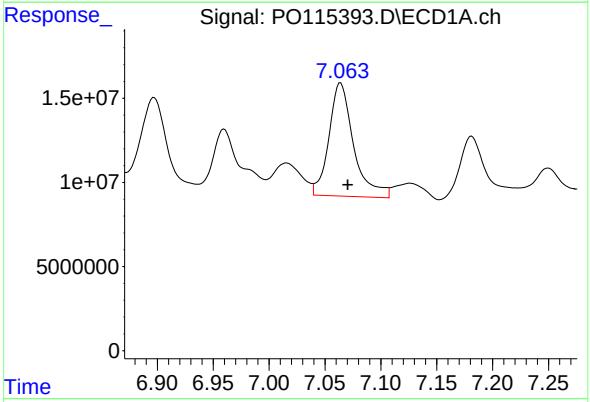
Manual Integrations APPROVED

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



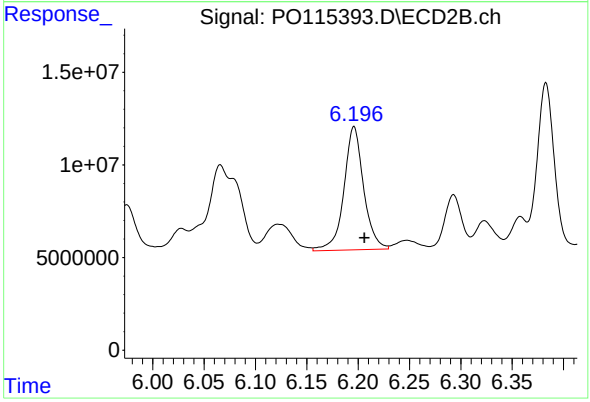
#20 AR-1242-5

R.T.: 5.516 min
Delta R.T.: -0.010 min
Response: 769546393
Conc: 5384.54 ng/ml



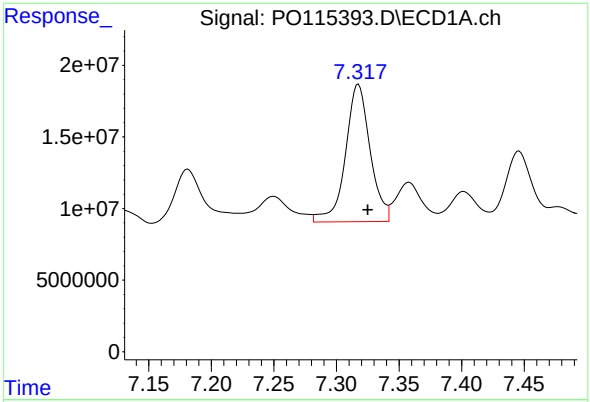
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 103512944
Conc: 338.68 ng/ml



#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.010 min
Response: 88989759
Conc: 300.53 ng/ml



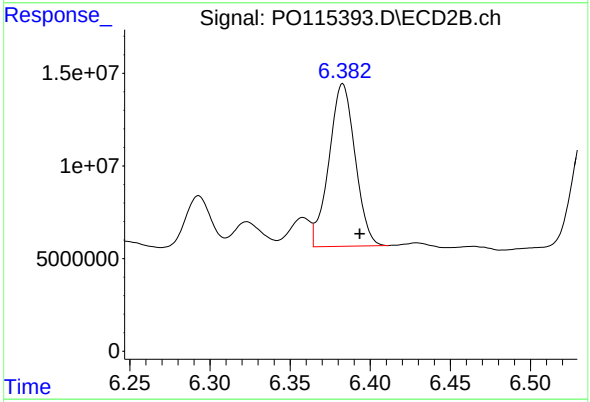
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 131909326
Conc: 333.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

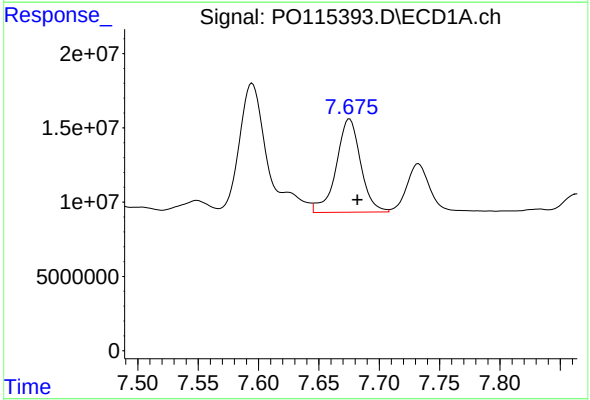
Manual Integrations APPROVED

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



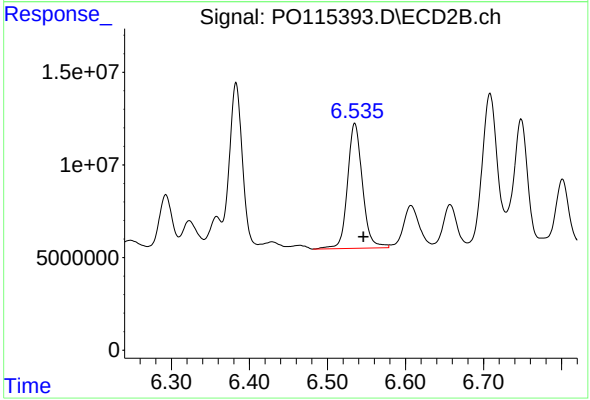
#32 AR-1260-2

R.T.: 6.383 min
Delta R.T.: -0.011 min
Response: 99634226
Conc: 231.69 ng/ml



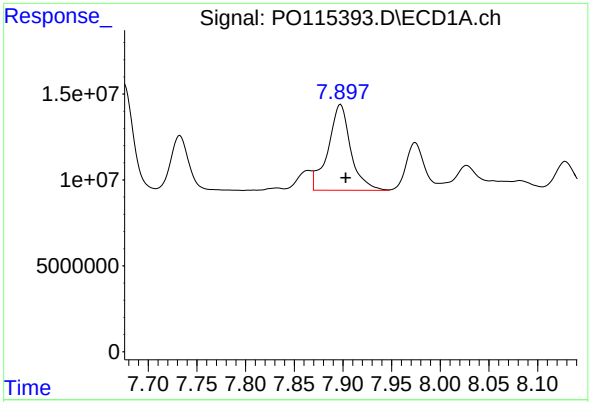
#33 AR-1260-3

R.T.: 7.675 min
Delta R.T.: -0.006 min
Response: 88394916
Conc: 266.40 ng/ml



#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: -0.011 min
Response: 89648183
Conc: 255.30 ng/ml



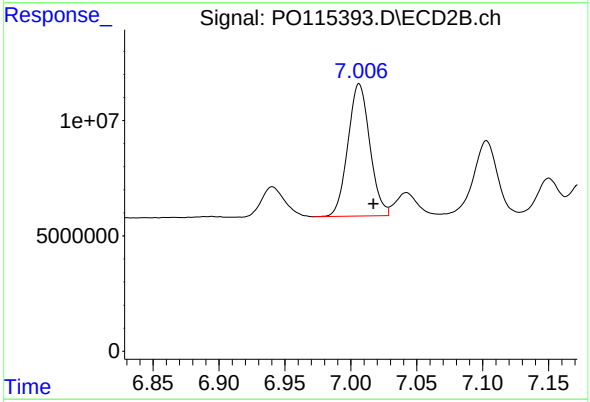
#34 AR-1260-4

R.T.: 7.898 min
Delta R.T.: -0.005 min
Response: 81171541
Conc: 266.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

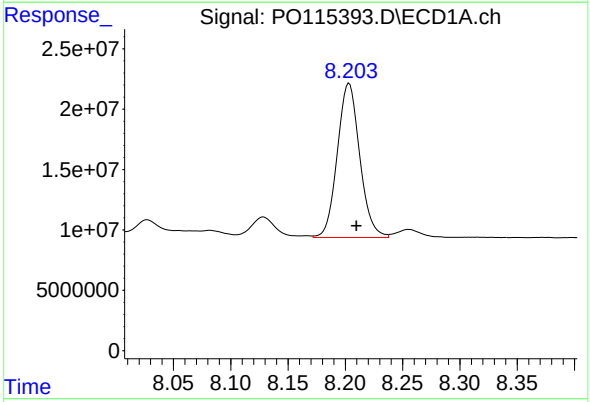
Manual Integrations APPROVED

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



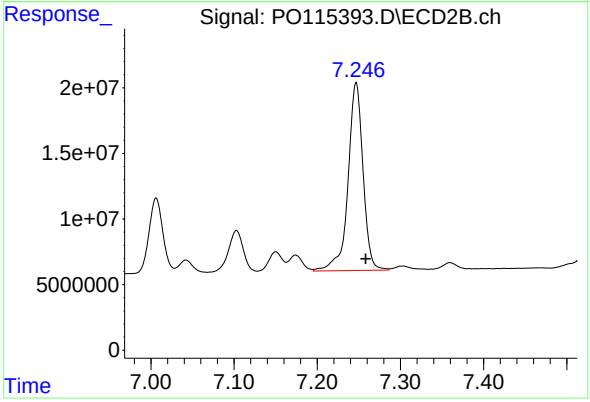
#34 AR-1260-4

R.T.: 7.006 min
Delta R.T.: -0.011 min
Response: 66373041
Conc: 219.03 ng/ml



#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.006 min
Response: 174056779
Conc: 244.04 ng/ml



#35 AR-1260-5

R.T.: 7.247 min
Delta R.T.: -0.012 min
Response: 179604364
Conc: 218.60 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH2DL2	SDG No.:	Q3673
Lab Sample ID:	Q3673-07DL2	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.3
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4100	UD	200	948	4100	ug/kg	11/21/25 12:05	PB170650
11104-28-2	Aroclor-1221	4100	UD	200	967	4100	ug/kg	11/21/25 12:05	PB170650
11141-16-5	Aroclor-1232	4100	UD	200	893	4100	ug/kg	11/21/25 12:05	PB170650
53469-21-9	Aroclor-1242	66000	D	200	962	4100	ug/kg	11/21/25 12:05	PB170650
12672-29-6	Aroclor-1248	4100	UD	200	1400	4100	ug/kg	11/21/25 12:05	PB170650
11097-69-1	Aroclor-1254	4100	UD	200	770	4100	ug/kg	11/21/25 12:05	PB170650
37324-23-5	Aroclor-1262	4100	UD	200	1200	4100	ug/kg	11/21/25 12:05	PB170650
11100-14-4	Aroclor-1268	4100	UD	200	864	4100	ug/kg	11/21/25 12:05	PB170650
11096-82-5	Aroclor-1260	1300	JD	200	775	4100	ug/kg	11/21/25 12:05	PB170650
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\PO112125\
Data File : PO115318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:05
Operator : YP/AJ
Sample : Q3673-07DL2 200X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH2DL2

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 24 12:48:03 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						
16)	L4 AR-1242-1	5.479	4.720	121.5E6	94250549	652.473	644.573m
17)	L4 AR-1242-2	5.501	4.739	344.9E6	223.0E6	1154.469	1076.347m
18)	L4 AR-1242-3	5.565	4.913	50486300	117.2E6	294.606	1046.939 #
19)	L4 AR-1242-4	5.658	4.997	159.8E6	108.1E6	1116.284	1008.666
20)	L4 AR-1242-5	6.384	5.517	35445099	53720905	251.460	375.887 #
31)	L7 AR-1260-1	7.062	6.195	6113847	6089236	20.004m	20.564m
32)	L7 AR-1260-2	7.317	6.384	7904170	7517350	19.966	17.481
33)	L7 AR-1260-3	7.673	6.536	5346154	5896967	16.112	16.793
34)	L7 AR-1260-4	7.894	7.007	3703118	4046728	12.141m	13.354
35)	L7 AR-1260-5	8.203	7.248	9711056	11682749	13.616	14.219

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

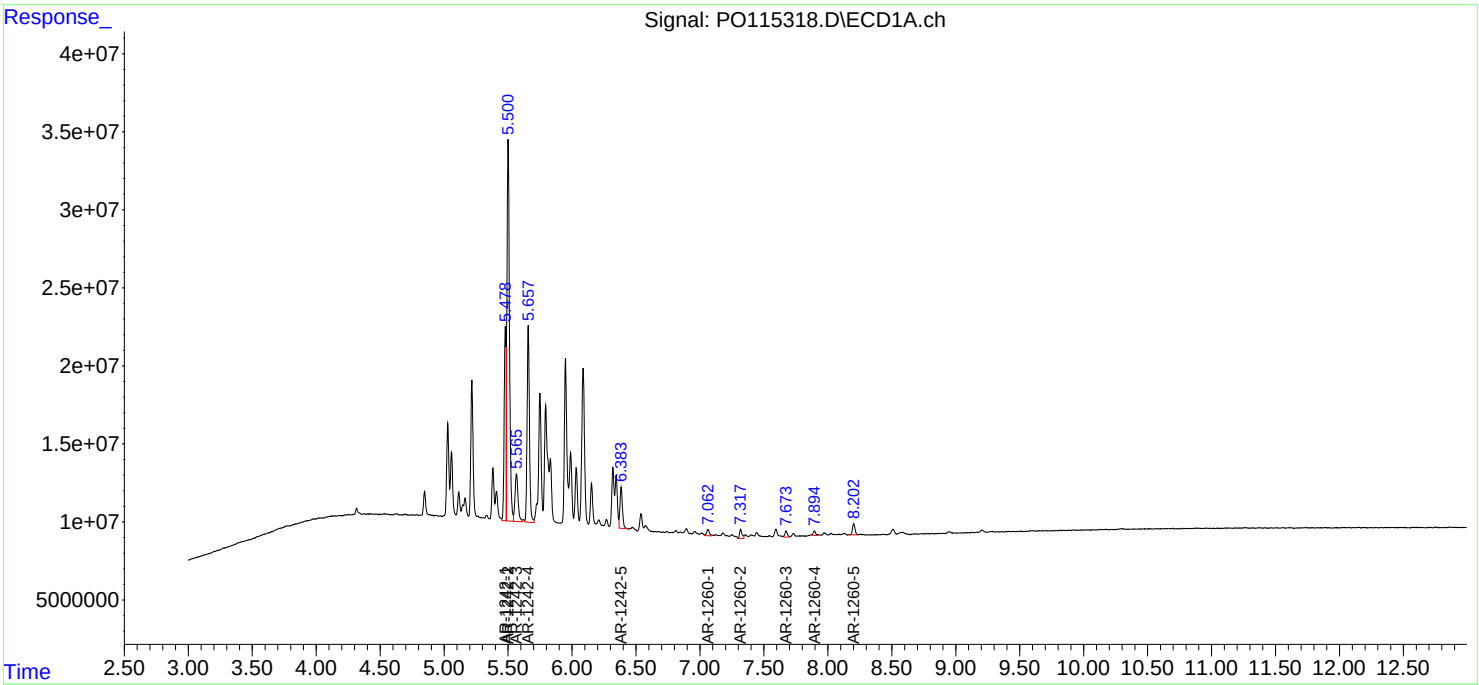
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:05
Operator : YP/AJ
Sample : Q3673-07DL2 200X
Misc :
ALS Vial : 11 Sample Multiplier: 1

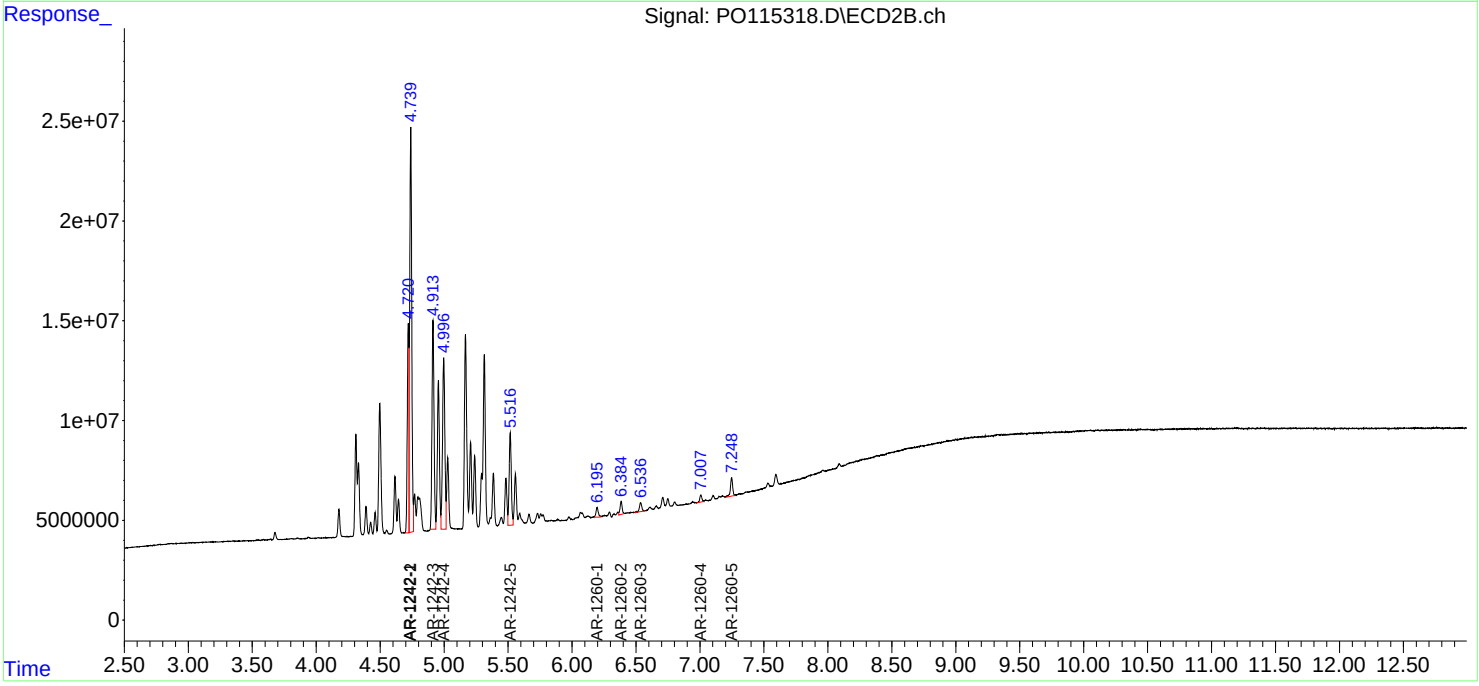
Instrument :
ECD_O
ClientSampleId :
C0AH2DL2

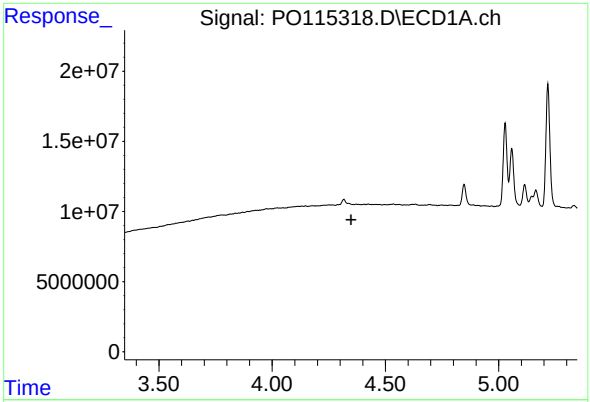
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:48:03 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







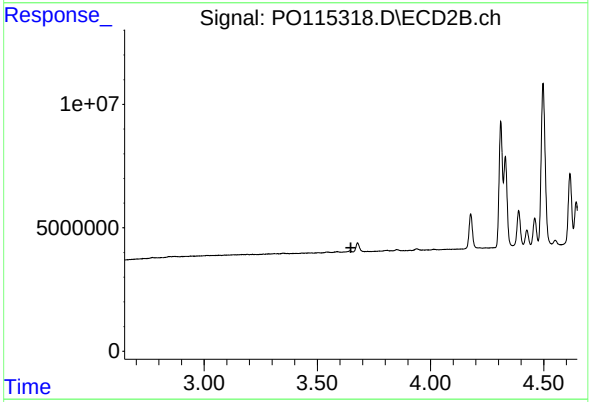
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
C0AH2DL2

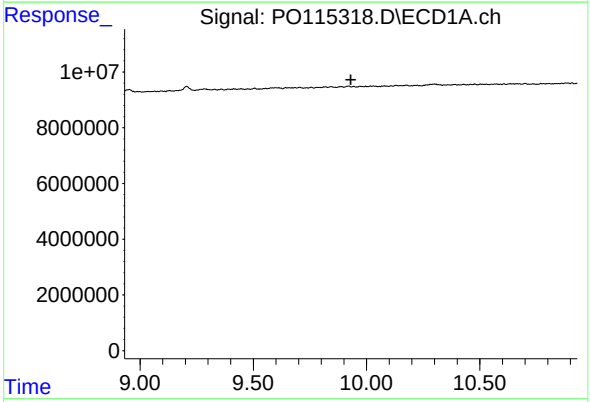
Manual Integrations
APPROVED

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



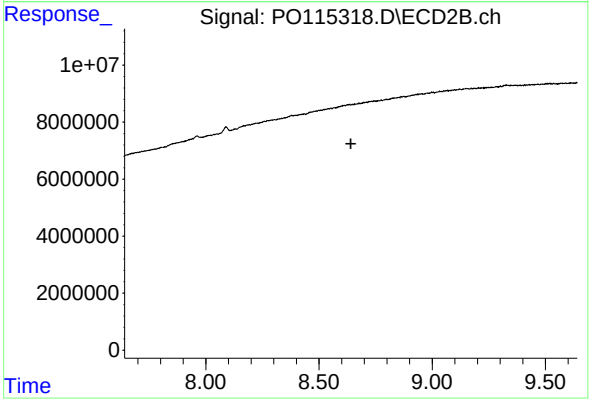
#1 Tetrachloro-m-xylene

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



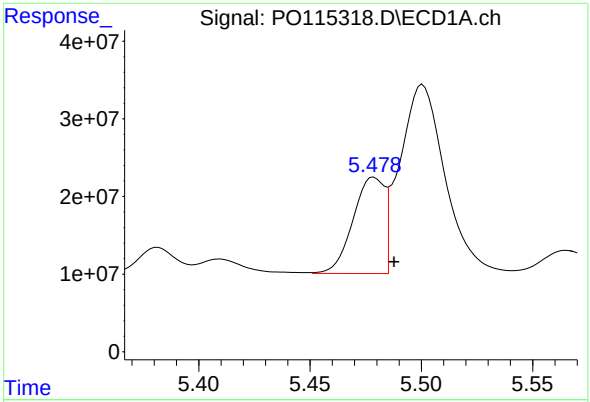
#2 Decachlorobiphenyl

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.



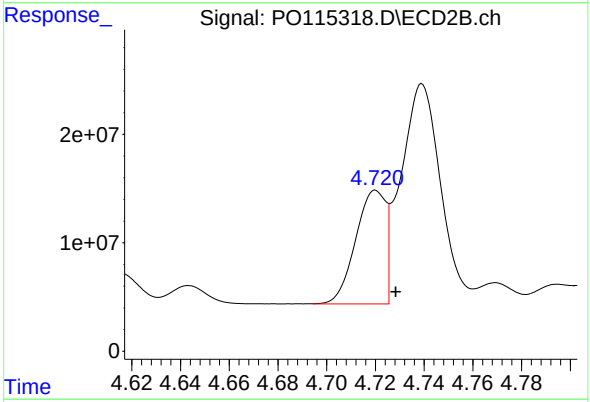
#16 AR-1242-1

R.T.: 5.479 min
Delta R.T.: -0.009 min
Response: 121517084
Conc: 652.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL2

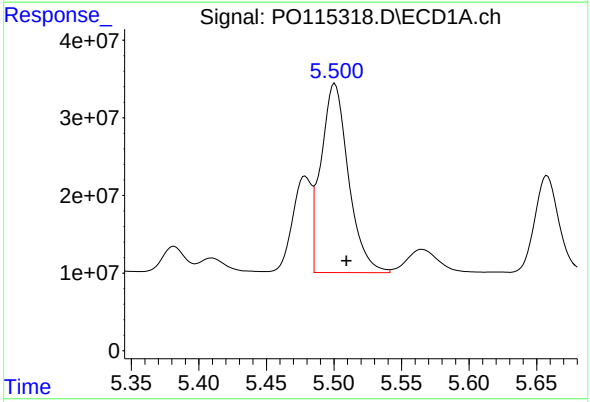
Manual Integrations APPROVED

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



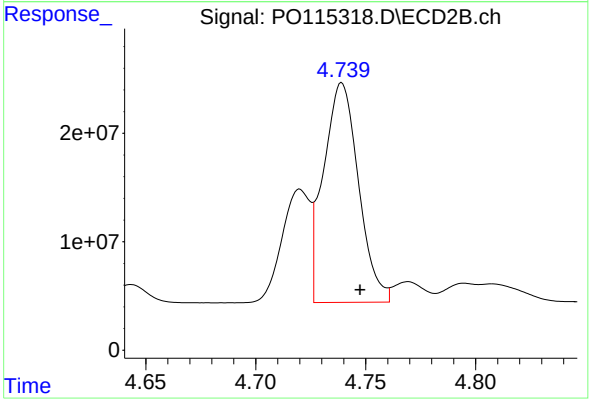
#16 AR-1242-1

R.T.: 4.720 min
Delta R.T.: -0.009 min
Response: 94250549
Conc: 644.57 ng/ml m



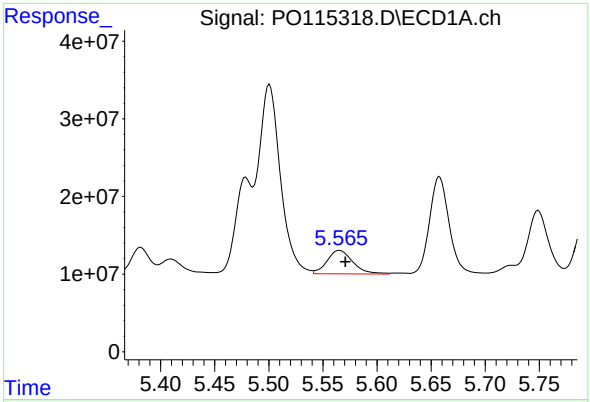
#17 AR-1242-2

R.T.: 5.501 min
Delta R.T.: -0.009 min
Response: 344927929
Conc: 1154.47 ng/ml



#17 AR-1242-2

R.T.: 4.739 min
Delta R.T.: -0.009 min
Response: 222962975
Conc: 1076.35 ng/ml m



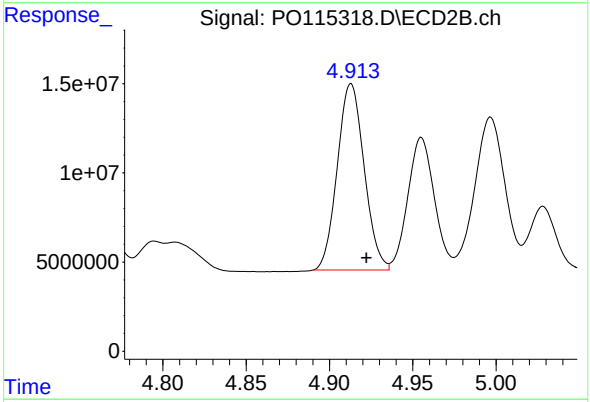
#18 AR-1242-3

R.T.: 5.565 min
Delta R.T.: -0.006 min
Response: 50486300
Conc: 294.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL2

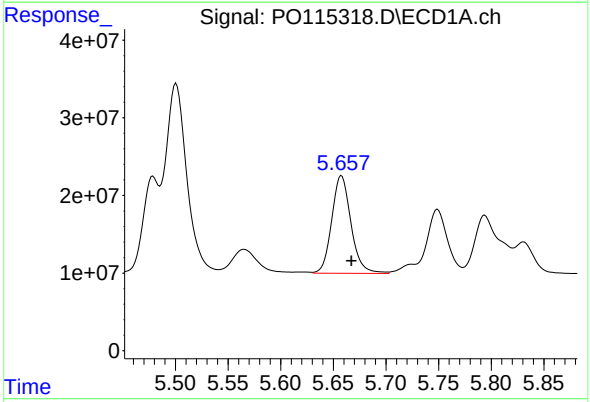
Manual Integrations
APPROVED

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



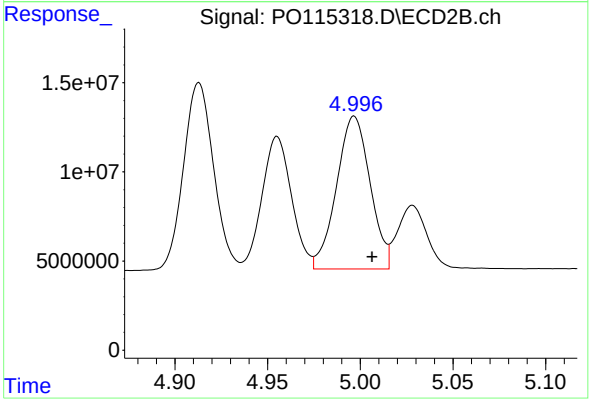
#18 AR-1242-3

R.T.: 4.913 min
Delta R.T.: -0.009 min
Response: 117233679
Conc: 1046.94 ng/ml



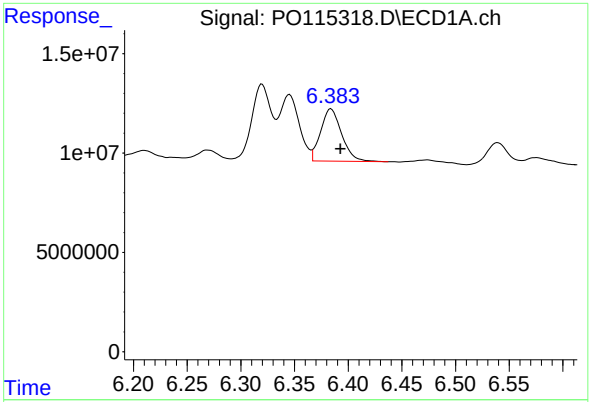
#19 AR-1242-4

R.T.: 5.658 min
Delta R.T.: -0.009 min
Response: 159833574
Conc: 1116.28 ng/ml



#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.010 min
Response: 108059513
Conc: 1008.67 ng/ml



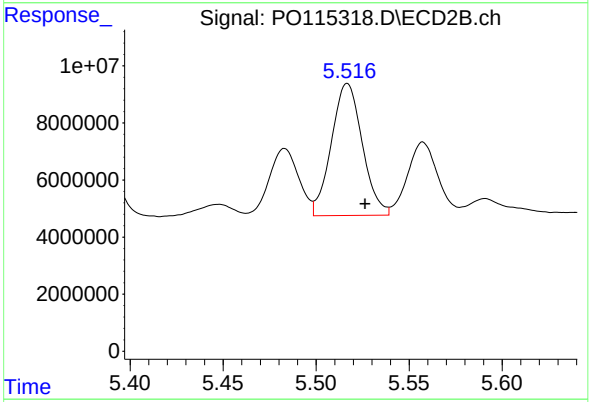
#20 AR-1242-5

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 35445099
Conc: 251.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL2

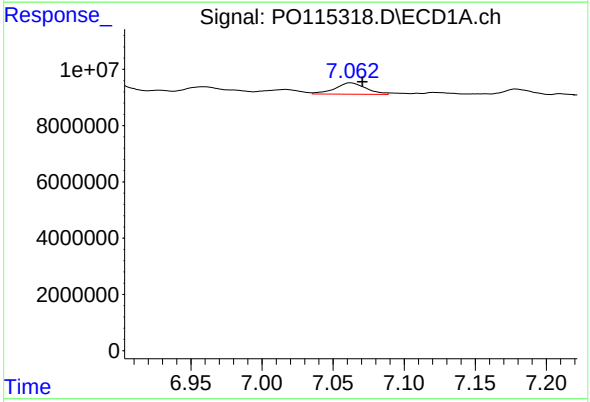
Manual Integrations APPROVED

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



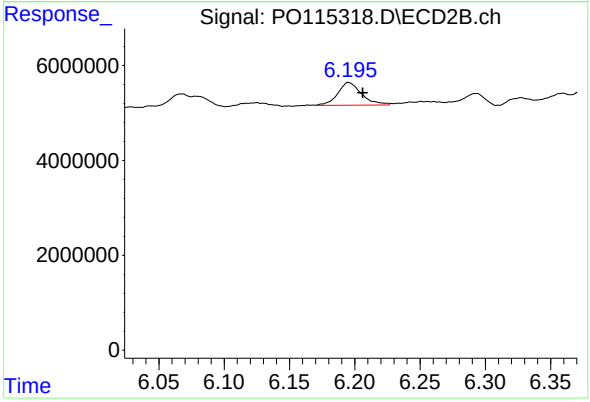
#20 AR-1242-5

R.T.: 5.517 min
Delta R.T.: -0.010 min
Response: 53720905
Conc: 375.89 ng/ml



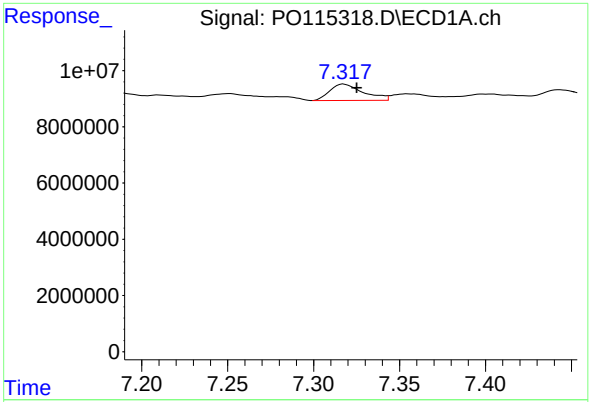
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 6113847
Conc: 20.00 ng/ml m



#31 AR-1260-1

R.T.: 6.195 min
Delta R.T.: -0.012 min
Response: 6089236
Conc: 20.56 ng/ml m



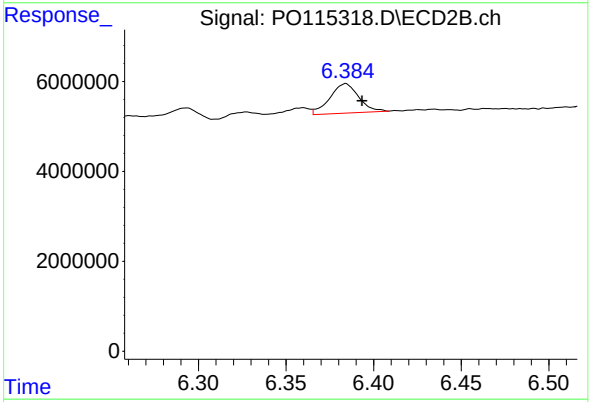
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 7904170
Conc: 19.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL2

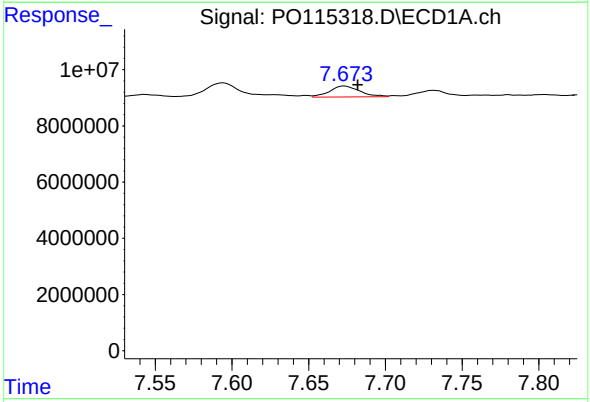
Manual Integrations APPROVED

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



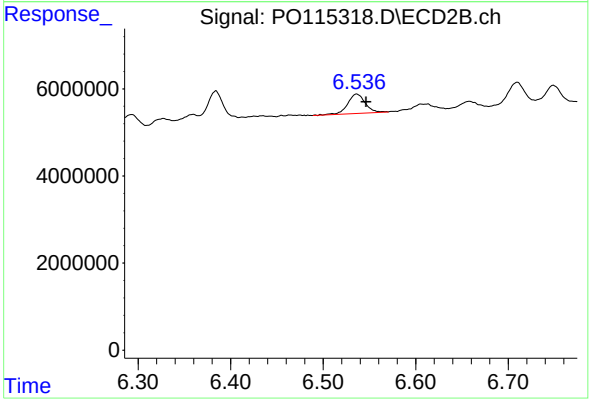
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 7517350
Conc: 17.48 ng/ml



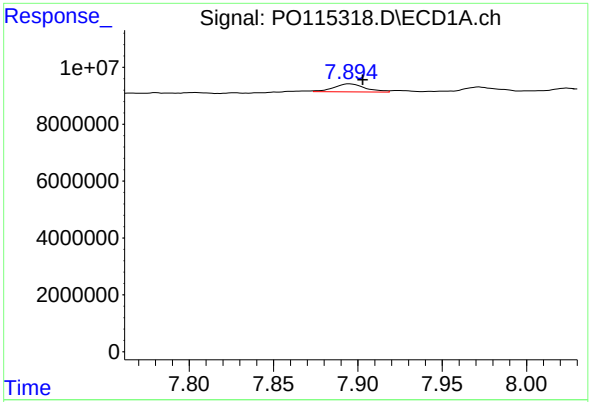
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 5346154
Conc: 16.11 ng/ml



#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.010 min
Response: 5896967
Conc: 16.79 ng/ml



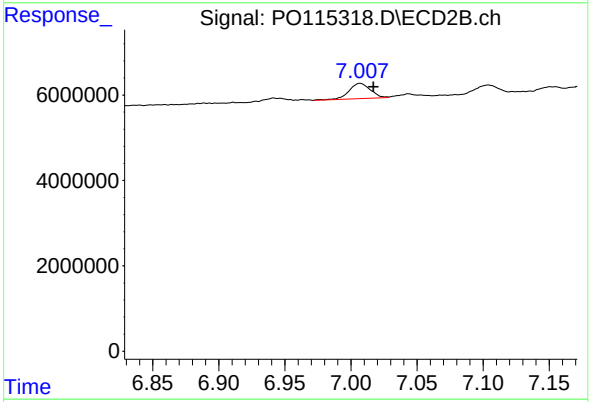
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 3703118
Conc: 12.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL2

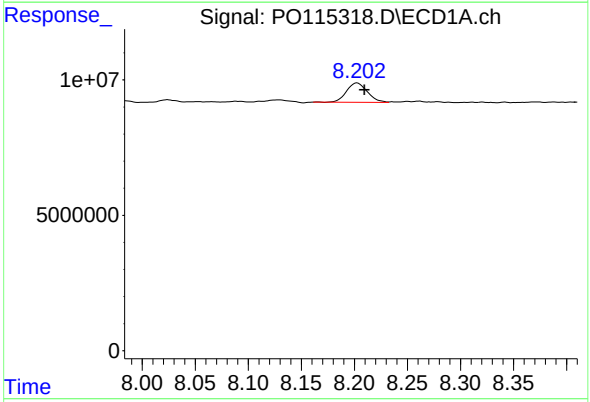
Manual Integrations APPROVED

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



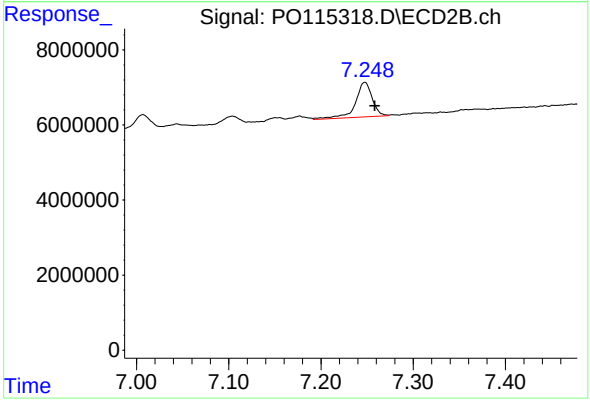
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 4046728
Conc: 13.35 ng/ml



#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 9711056
Conc: 13.62 ng/ml



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.011 min
Response: 11682749
Conc: 14.22 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH3	SDG No.:	Q3673
Lab Sample ID:	Q3673-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.7
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/20/25 21:03	PB170650
11104-28-2	Aroclor-1221	21.0	U	1	5.00	21.0	ug/kg	11/20/25 21:03	PB170650
11141-16-5	Aroclor-1232	21.0	U	1	4.60	21.0	ug/kg	11/20/25 21:03	PB170650
53469-21-9	Aroclor-1242	21.0	U	1	5.00	21.0	ug/kg	11/20/25 21:03	PB170650
12672-29-6	Aroclor-1248	21.0	U	1	7.30	21.0	ug/kg	11/20/25 21:03	PB170650
11097-69-1	Aroclor-1254	236		1	4.00	21.0	ug/kg	11/20/25 21:03	PB170650
37324-23-5	Aroclor-1262	21.0	U	1	6.20	21.0	ug/kg	11/20/25 21:03	PB170650
11100-14-4	Aroclor-1268	21.0	U	1	4.50	21.0	ug/kg	11/20/25 21:03	PB170650
11096-82-5	Aroclor-1260	262		1	4.00	21.0	ug/kg	11/20/25 21:03	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.4			21 - 165	92%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.2			10 - 170	71%	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\PO112025\
Data File : PO115282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:03
Operator : YP/AJ
Sample : Q3673-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:55:15 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	3.660	127.1E6	82029462	18.061	18.364
2)	SA Decachlor...	9.917	8.647	59694739	55271544	13.505	14.158
	Target Compounds						
26)	L6 AR-1254-1	6.321	5.534	136.6E6	126.2E6	539.181	420.410
27)	L6 AR-1254-2	6.537	5.682	175.7E6	107.3E6	474.237m	398.163
28)	L6 AR-1254-3	6.897	6.083	132.1E6	122.1E6	343.345	289.258m
29)	L6 AR-1254-4	7.179	6.311	101.9E6	74206091	310.069	249.521
30)	L6 AR-1254-5	7.594	6.727	361.4E6	291.6E6	1197.105	733.616 #
31)	L7 AR-1260-1	7.062	6.213	211.6E6	204.4E6	692.213	690.161
32)	L7 AR-1260-2	7.316	6.401	289.7E6	252.3E6	731.877	586.752
33)	L7 AR-1260-3	7.673	6.554	201.3E6	206.2E6	606.749	587.293
34)	L7 AR-1260-4	7.895	7.024	191.7E6	153.1E6	628.580m	505.164
35)	L7 AR-1260-5	8.201	7.265	367.6E6	401.9E6	515.346	489.169

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

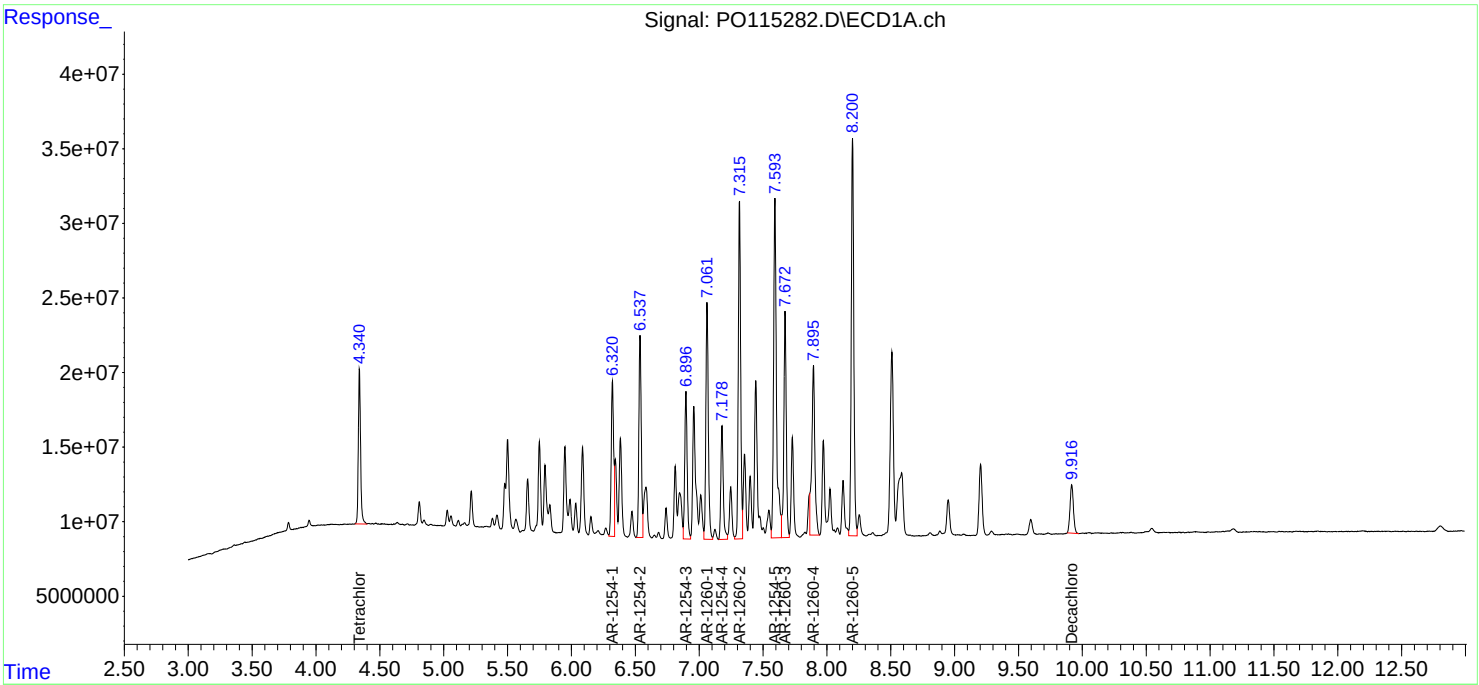
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:03
Operator : YP/AJ
Sample : Q3673-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

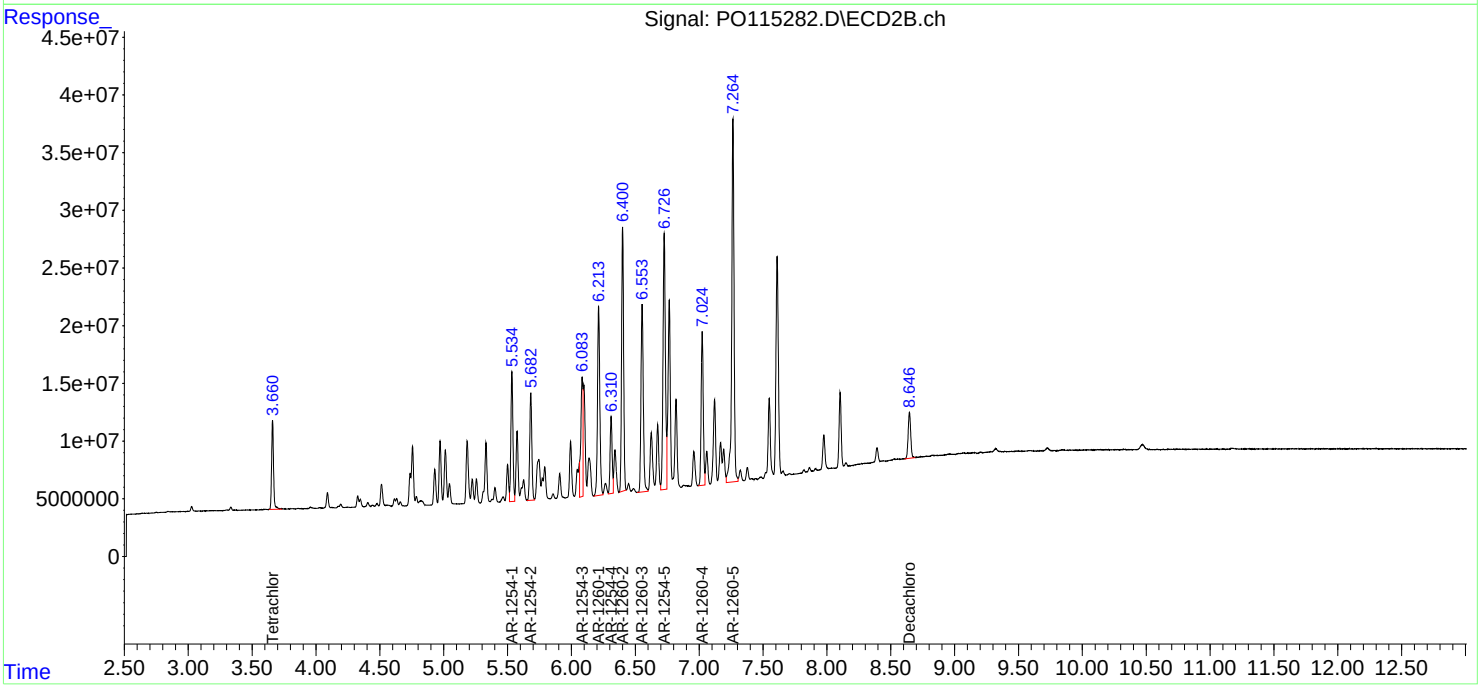
Instrument :
ECD_O
ClientSampleId :
C0AH3

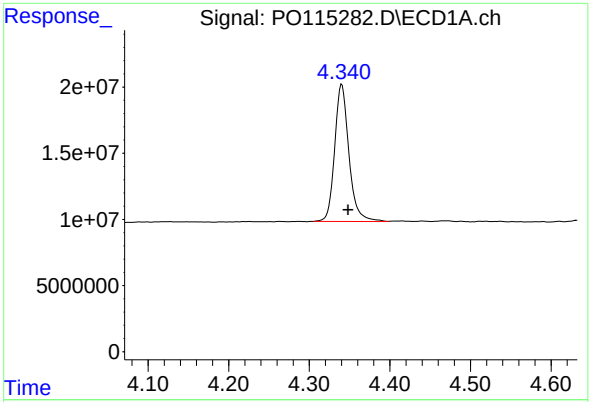
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:55:15 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







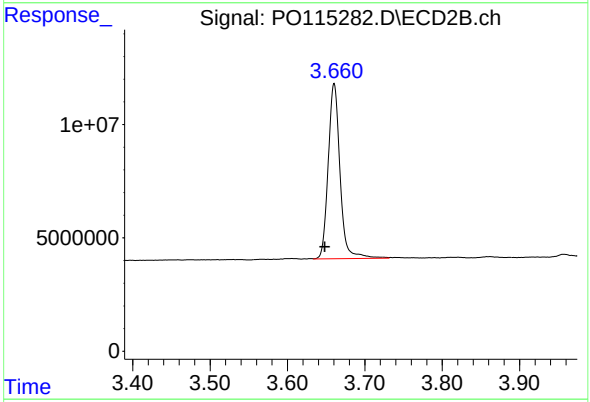
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 127118403
Conc: 18.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH3

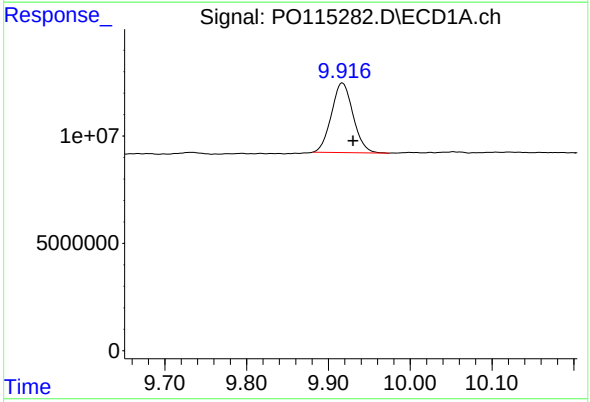
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



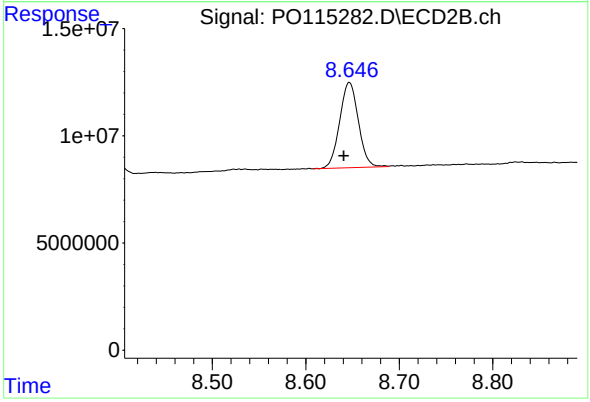
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.012 min
Response: 82029462
Conc: 18.36 ng/ml



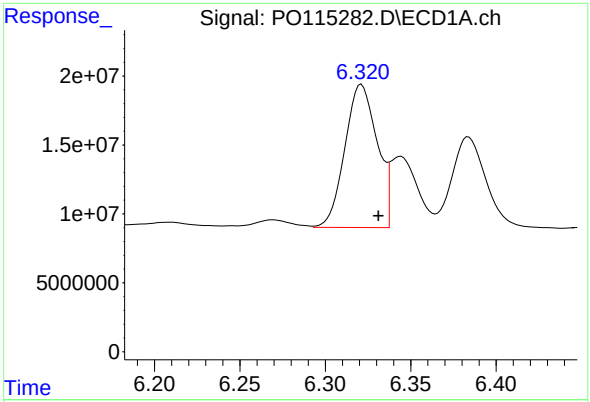
#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.013 min
Response: 59694739
Conc: 13.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.647 min
Delta R.T.: 0.006 min
Response: 55271544
Conc: 14.16 ng/ml



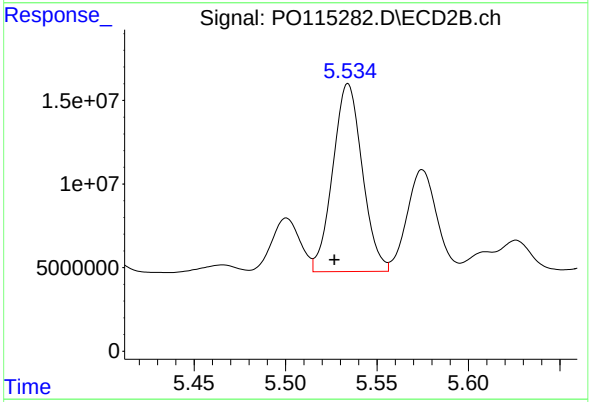
#26 AR-1254-1

R.T.: 6.321 min
Delta R.T.: -0.010 min
Response: 136644434
Conc: 539.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH3

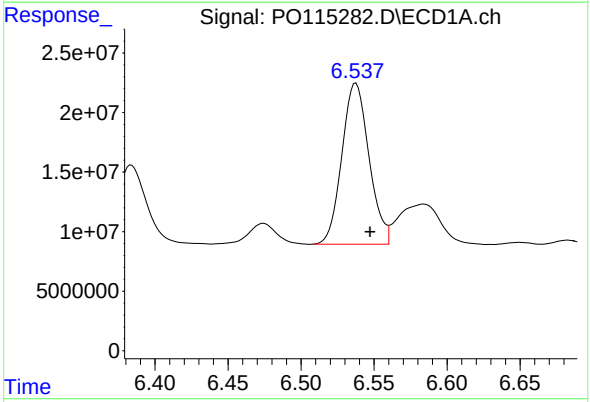
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



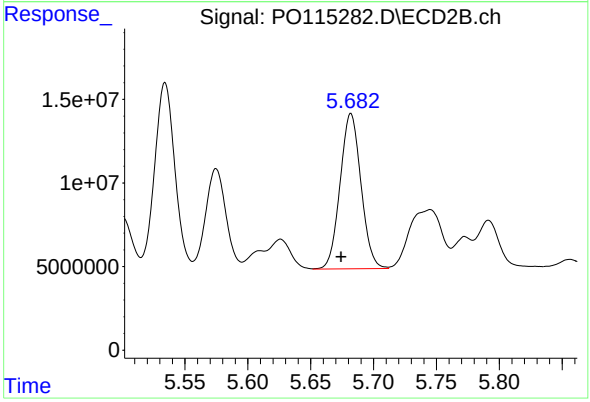
#26 AR-1254-1

R.T.: 5.534 min
Delta R.T.: 0.007 min
Response: 126198817
Conc: 420.41 ng/ml



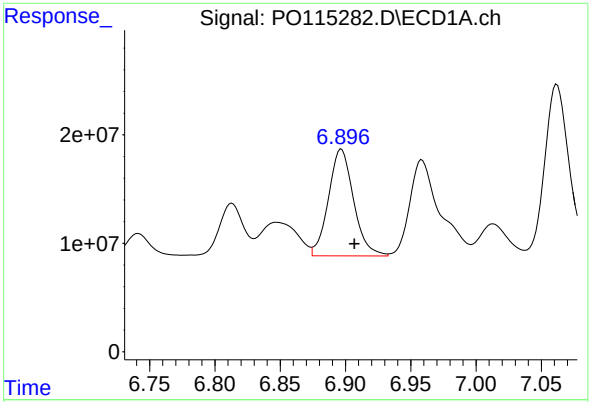
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: -0.010 min
Response: 175678267
Conc: 474.24 ng/ml m



#27 AR-1254-2

R.T.: 5.682 min
Delta R.T.: 0.008 min
Response: 107347637
Conc: 398.16 ng/ml



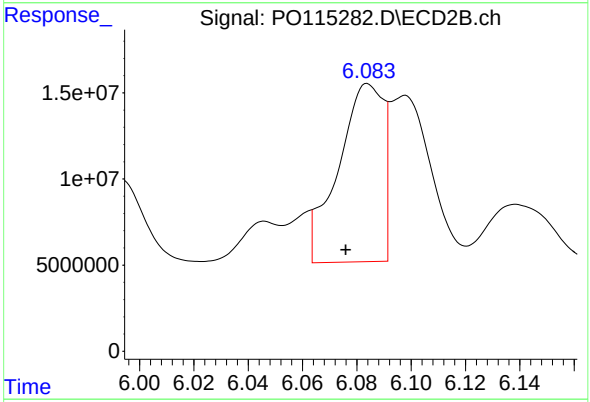
#28 AR-1254-3

R.T.: 6.897 min
Delta R.T.: -0.010 min
Response: 132141205
Conc: 343.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH3

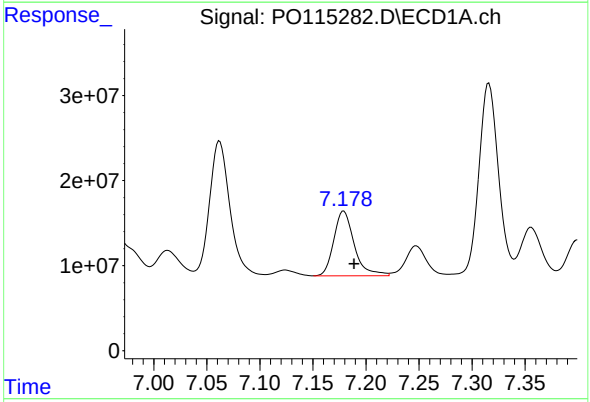
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



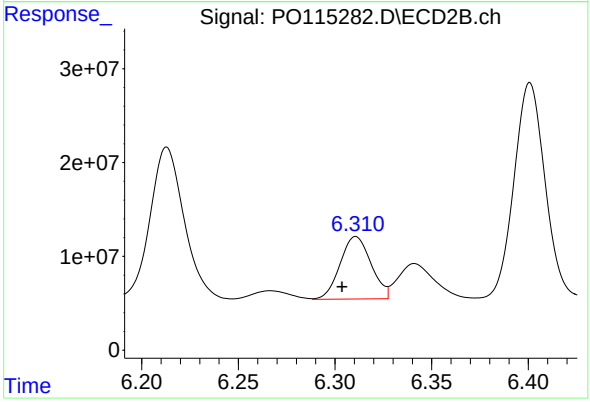
#28 AR-1254-3

R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 122137819
Conc: 289.26 ng/ml m



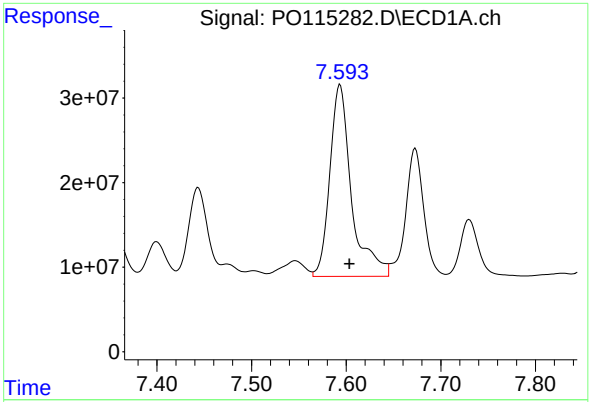
#29 AR-1254-4

R.T.: 7.179 min
Delta R.T.: -0.010 min
Response: 101924892
Conc: 310.07 ng/ml



#29 AR-1254-4

R.T.: 6.311 min
Delta R.T.: 0.007 min
Response: 74206091
Conc: 249.52 ng/ml



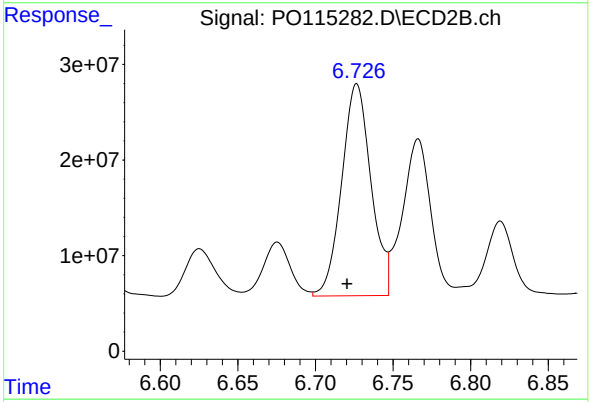
#30 AR-1254-5

R.T.: 7.594 min
Delta R.T.: -0.010 min
Response: 361350278
Conc: 1197.11 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH3

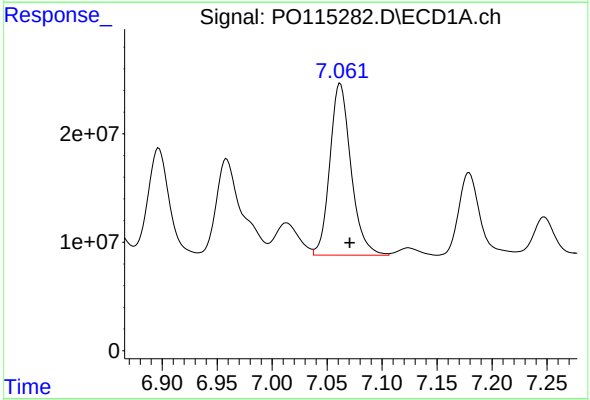
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



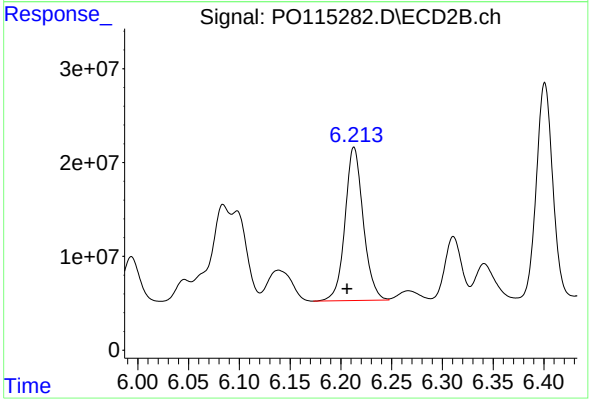
#30 AR-1254-5

R.T.: 6.727 min
Delta R.T.: 0.006 min
Response: 291631274
Conc: 733.62 ng/ml



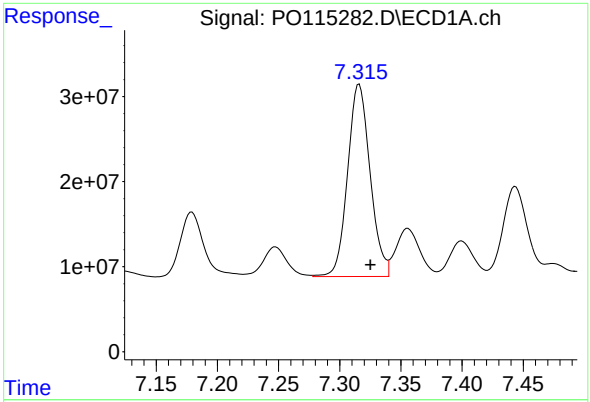
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 211563439
Conc: 692.21 ng/ml



#31 AR-1260-1

R.T.: 6.213 min
Delta R.T.: 0.007 min
Response: 204361917
Conc: 690.16 ng/ml



#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 289733416
Conc: 731.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH3

Manual Integrations APPROVED

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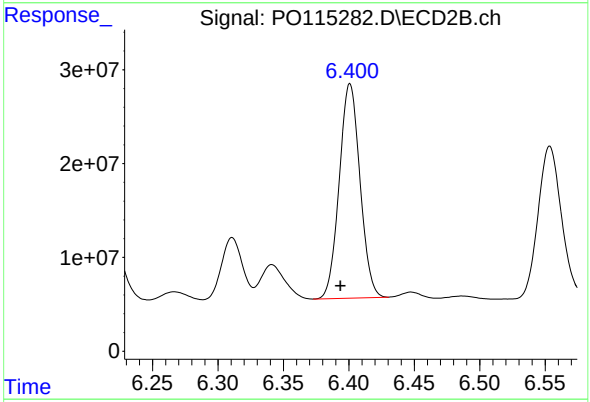
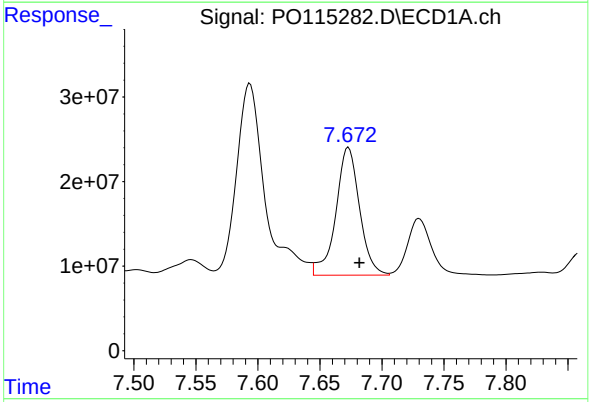
Supervised By :Sohil Jodhani 12/01/2025



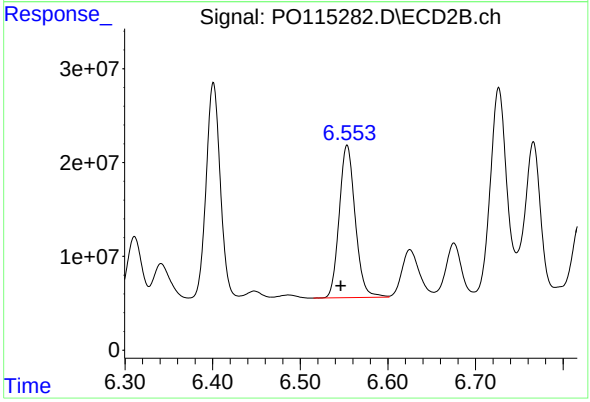
#32 AR-1260-2

R.T.: 6.401 min
Delta R.T.: 0.007 min
Response: 252321660
Conc: 586.75 ng/ml



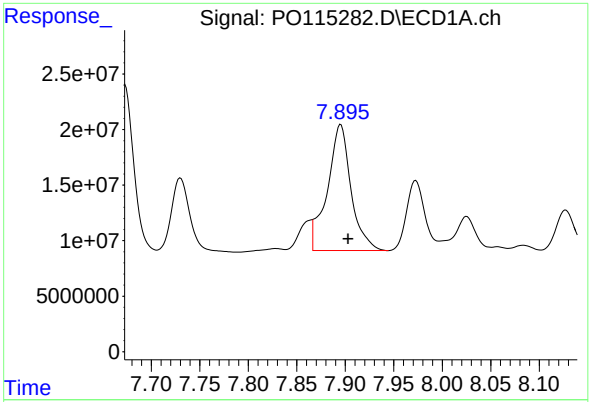
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 201330086
Conc: 606.75 ng/ml



#33 AR-1260-3

R.T.: 6.554 min
Delta R.T.: 0.007 min
Response: 206228694
Conc: 587.29 ng/ml



#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 191729445
Conc: 628.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH3

Manual Integrations APPROVED

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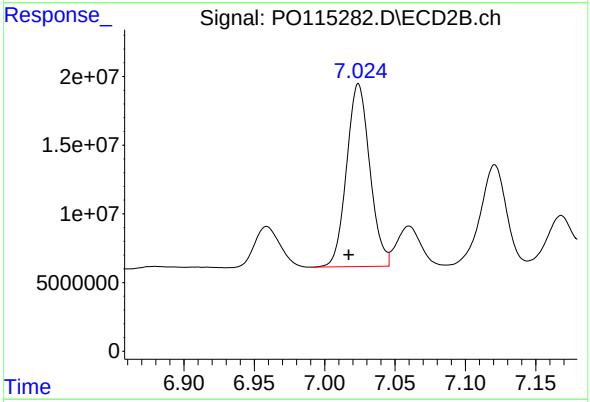
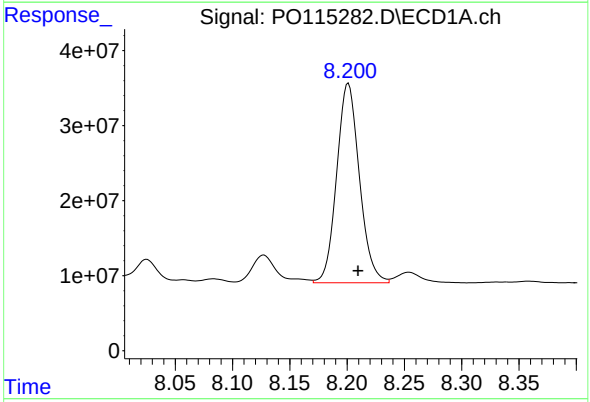


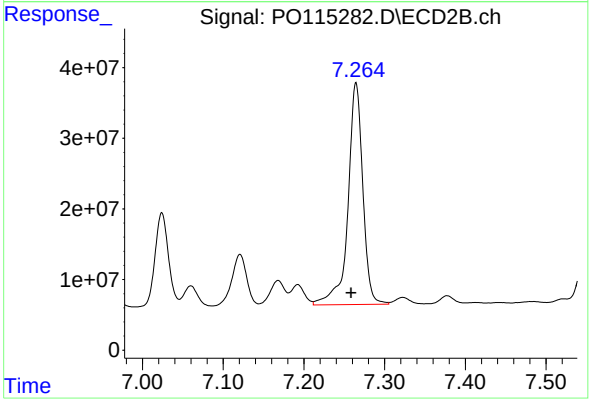
#34 AR-1260-4

R.T.: 7.024 min
Delta R.T.: 0.007 min
Response: 153079063
Conc: 505.16 ng/ml



#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 367554711
Conc: 515.35 ng/ml



#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: 0.006 min
Response: 401915387
Conc: 489.17 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH4	SDG No.:	Q3673
Lab Sample ID:	Q3673-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	79.2
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21.4	U	1	5.00	21.4	ug/kg	11/20/25 21:21	PB170650
11104-28-2	Aroclor-1221	21.4	U	1	5.10	21.4	ug/kg	11/20/25 21:21	PB170650
11141-16-5	Aroclor-1232	21.4	U	1	4.70	21.4	ug/kg	11/20/25 21:21	PB170650
53469-21-9	Aroclor-1242	21.4	U	1	5.00	21.4	ug/kg	11/20/25 21:21	PB170650
12672-29-6	Aroclor-1248	21.4	U	1	7.50	21.4	ug/kg	11/20/25 21:21	PB170650
11097-69-1	Aroclor-1254	82.8		1	4.00	21.4	ug/kg	11/20/25 21:21	PB170650
37324-23-5	Aroclor-1262	21.4	U	1	6.30	21.4	ug/kg	11/20/25 21:21	PB170650
11100-14-4	Aroclor-1268	21.4	U	1	4.50	21.4	ug/kg	11/20/25 21:21	PB170650
11096-82-5	Aroclor-1260	140		1	4.10	21.4	ug/kg	11/20/25 21:21	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.1			21 - 165	95%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.4			10 - 170	82%	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\PO112025\
Data File : PO115283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:21
Operator : YP/AJ
Sample : Q3673-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:55:30 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...	4.340	3.643	133.4E6	85263906	18.958	19.088	
2)	SA Decachlor...	9.916	8.629	69216919	64204413	15.659	16.447	
	Target Compounds							
26)	L6 AR-1254-1	6.320	5.517	18598140	20964229	73.386	69.839	
27)	L6 AR-1254-2	6.536	5.664	30314396	22112049	81.833m	82.016	
28)	L6 AR-1254-3	6.896	6.082	24426017	64475356	63.467	152.697	#
29)	L6 AR-1254-4	7.179	6.294	25460906	18910874	77.456	63.589	
30)	L6 AR-1254-5	7.593	6.710	208.6E6	168.7E6	691.051	424.441	#
31)	L7 AR-1260-1	7.062	6.197	63852597	64775652	208.919	218.757	
32)	L7 AR-1260-2	7.316	6.384	185.4E6	163.6E6	468.392	380.430	
33)	L7 AR-1260-3	7.673	6.537	123.5E6	69859177	372.128	198.943	#
34)	L7 AR-1260-4	7.894	7.008	98830466	77300497	324.013	255.093	
35)	L7 AR-1260-5	8.201	7.249	209.3E6	234.2E6	293.389	285.034	

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

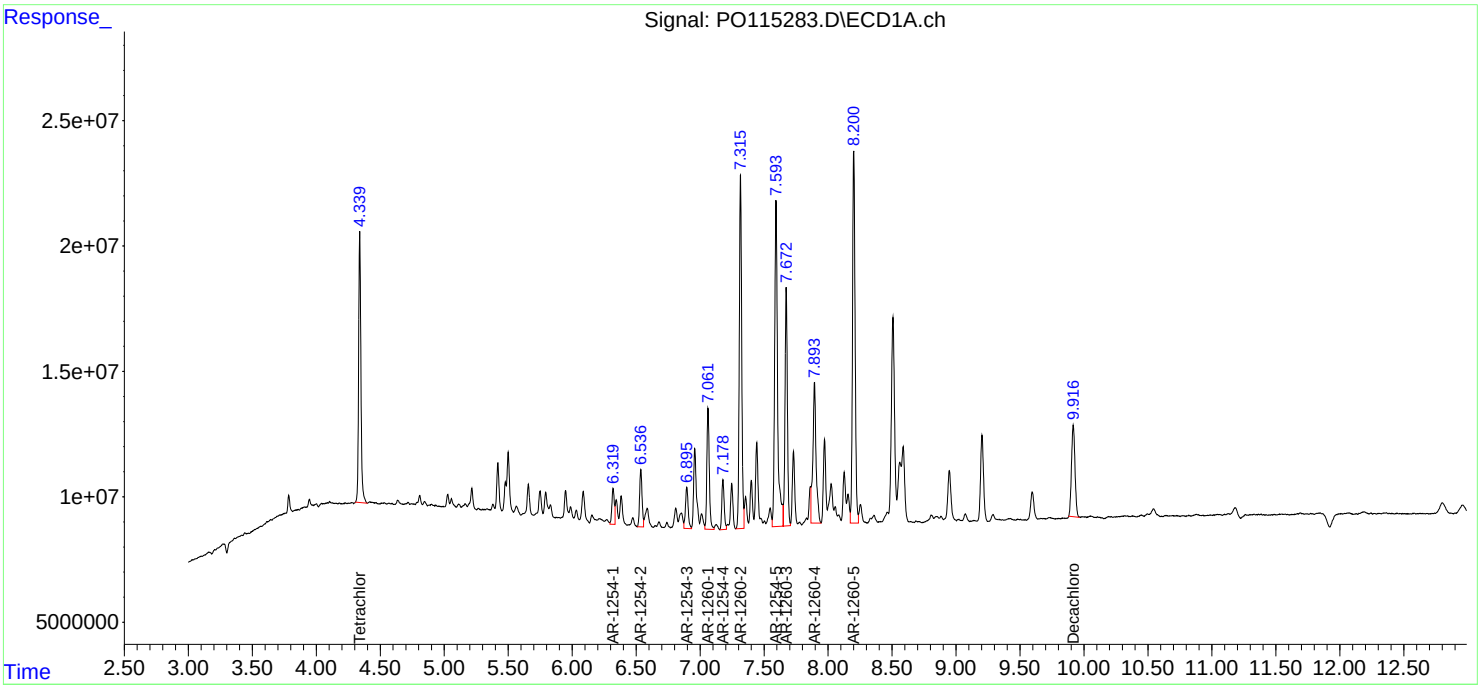
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:21
Operator : YP/AJ
Sample : Q3673-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

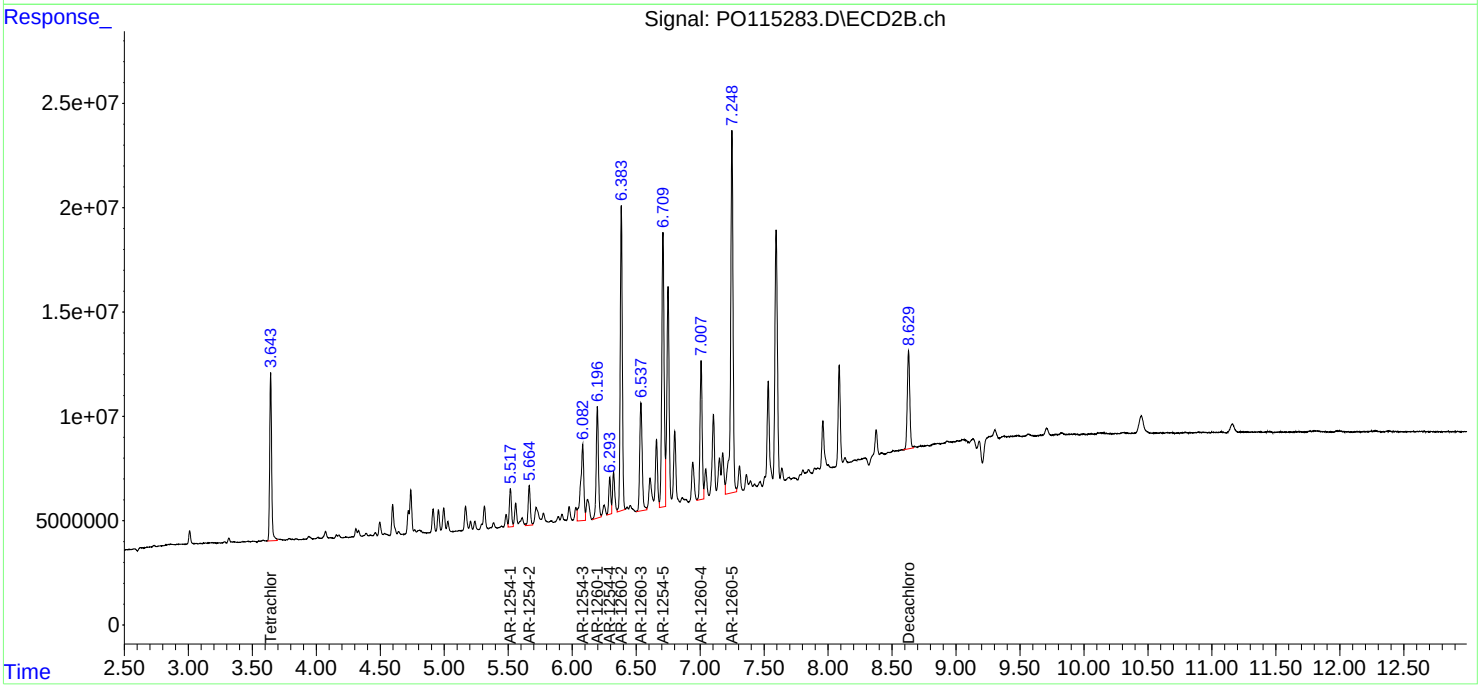
Instrument :
ECD_O
ClientSampleId :
C0AH4

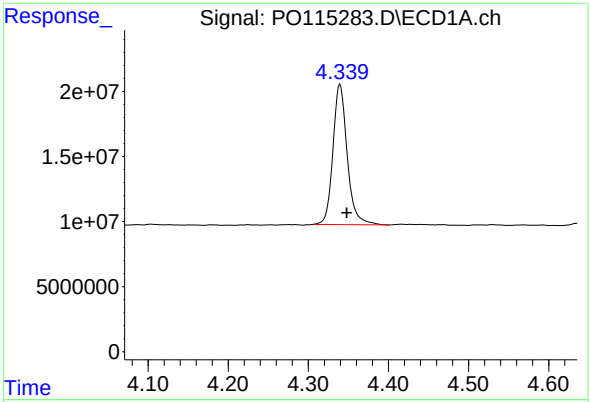
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:55:30 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.: 4.340 min
Delta R.T.: -0.008 min
Response: 133428233
Conc: 18.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH4

Manual Integrations APPROVED

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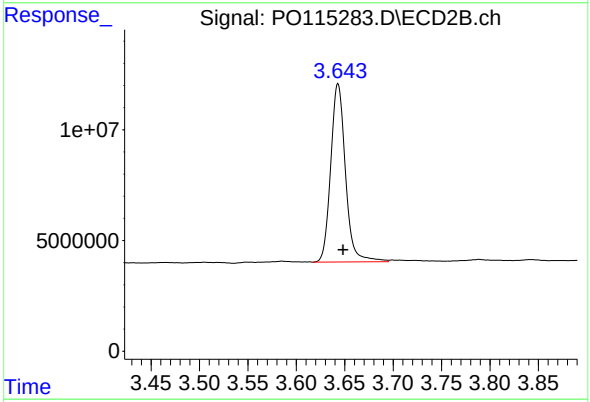
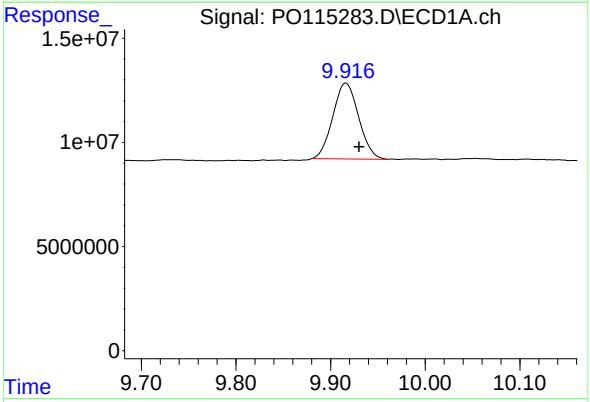
Supervised By :Sohil Jodhani 12/01/2025



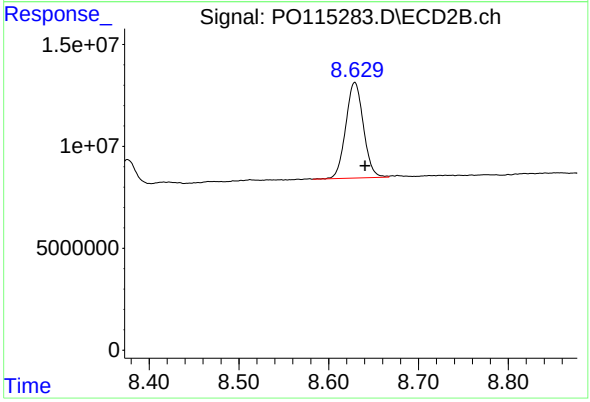
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.005 min
Response: 85263906
Conc: 19.09 ng/ml



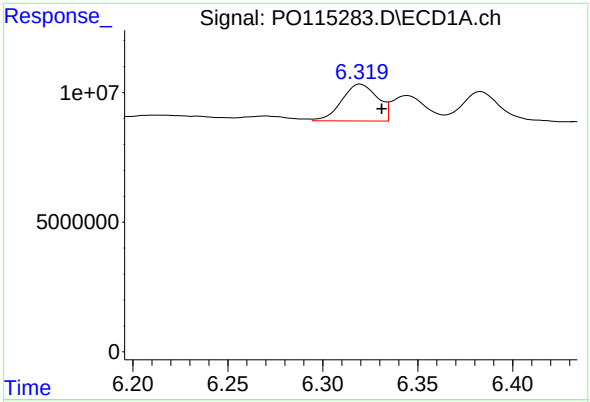
#2 Decachlorobiphenyl

R.T.: 9.916 min
Delta R.T.: -0.014 min
Response: 69216919
Conc: 15.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.012 min
Response: 64204413
Conc: 16.45 ng/ml



#26 AR-1254-1

R.T.: 6.320 min
Delta R.T.: -0.011 min
Response: 18598140
Conc: 73.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH4

Manual Integrations APPROVED

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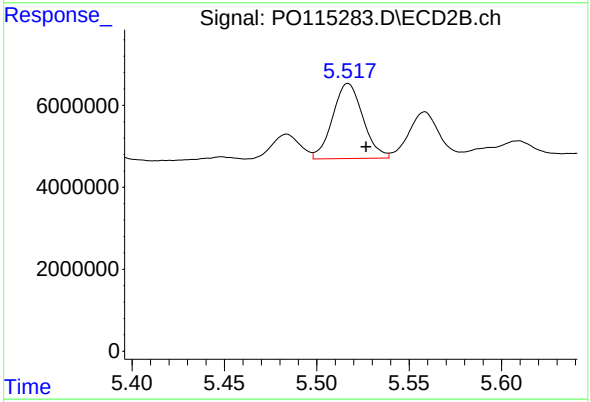
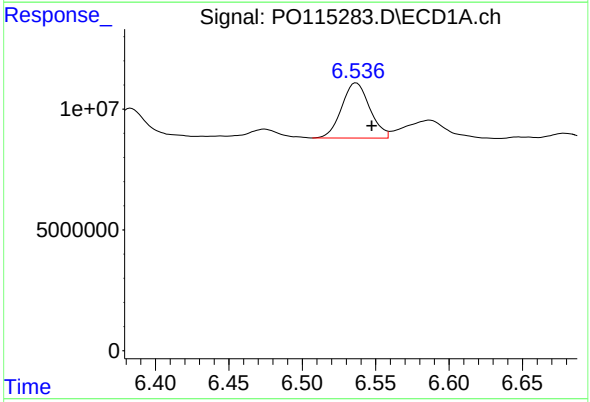
Supervised By :Sohil Jodhani 12/01/2025



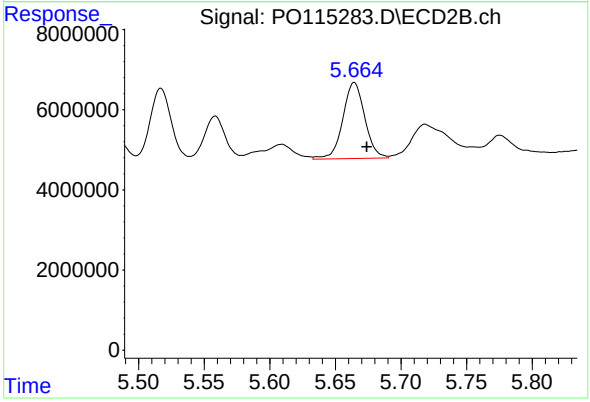
#26 AR-1254-1

R.T.: 5.517 min
Delta R.T.: -0.010 min
Response: 20964229
Conc: 69.84 ng/ml



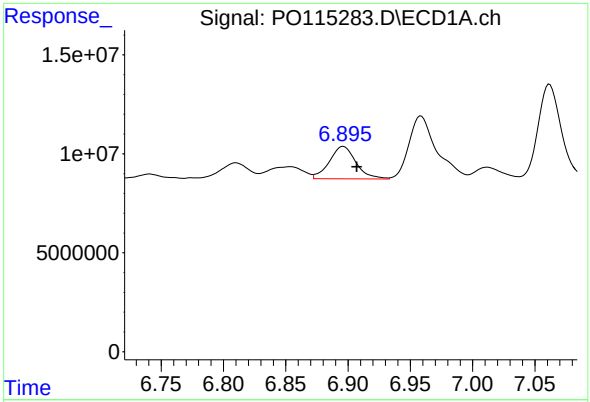
#27 AR-1254-2

R.T.: 6.536 min
Delta R.T.: -0.011 min
Response: 30314396
Conc: 81.83 ng/ml m



#27 AR-1254-2

R.T.: 5.664 min
Delta R.T.: -0.010 min
Response: 22112049
Conc: 82.02 ng/ml



#28 AR-1254-3

R.T.: 6.896 min
Delta R.T.: -0.011 min
Response: 24426017
Conc: 63.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH4

Manual Integrations APPROVED

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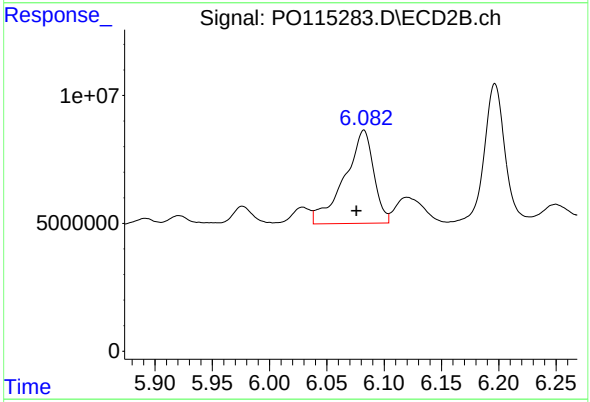
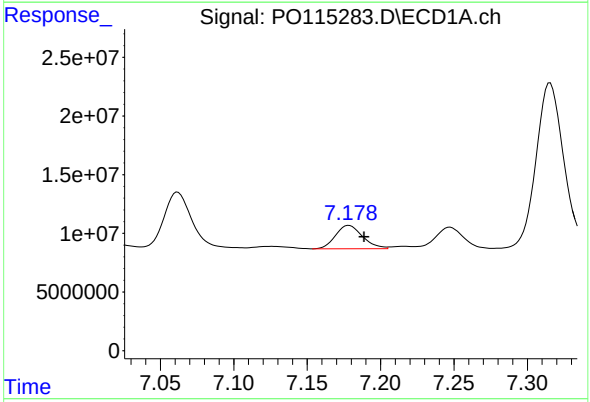


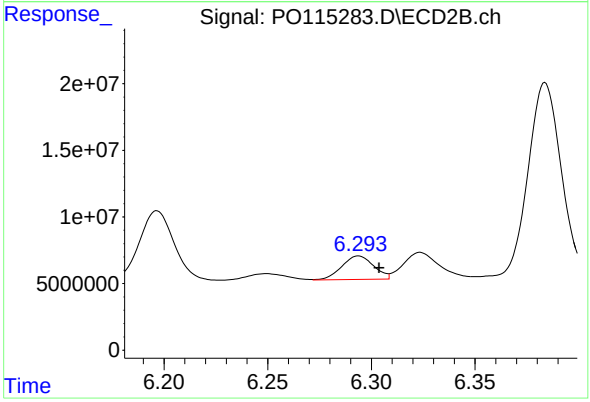
#28 AR-1254-3

R.T.: 6.082 min
Delta R.T.: 0.006 min
Response: 64475356
Conc: 152.70 ng/ml



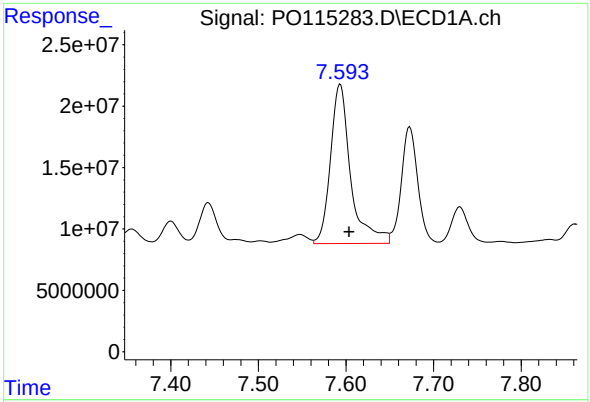
#29 AR-1254-4

R.T.: 7.179 min
Delta R.T.: -0.010 min
Response: 25460906
Conc: 77.46 ng/ml



#29 AR-1254-4

R.T.: 6.294 min
Delta R.T.: -0.010 min
Response: 18910874
Conc: 63.59 ng/ml



#30 AR-1254-5

R.T.: 7.593 min
Delta R.T.: -0.010 min
Response: 208596103
Conc: 691.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
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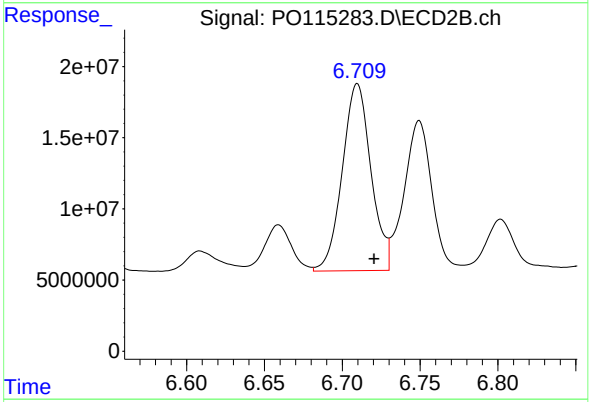
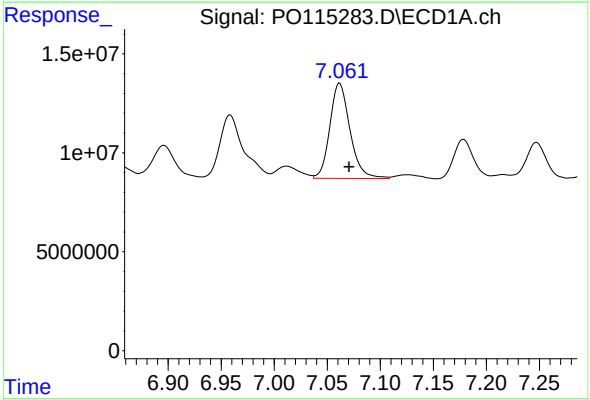


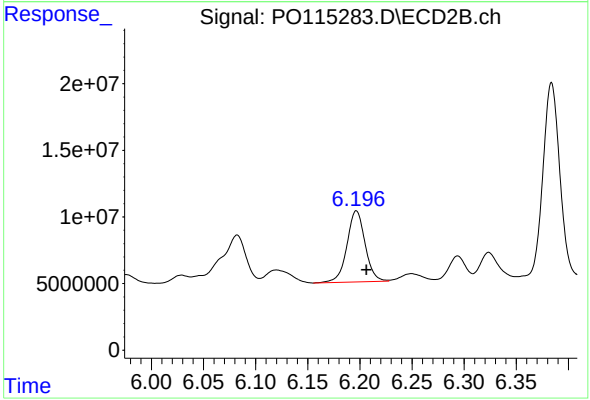
#30 AR-1254-5

R.T.: 6.710 min
Delta R.T.: -0.011 min
Response: 168726373
Conc: 424.44 ng/ml



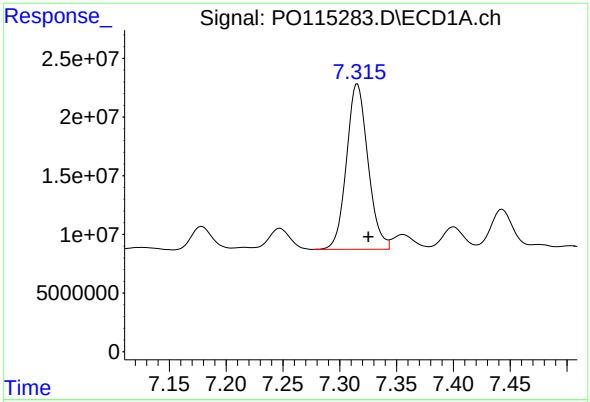
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 63852597
Conc: 208.92 ng/ml



#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 64775652
Conc: 218.76 ng/ml



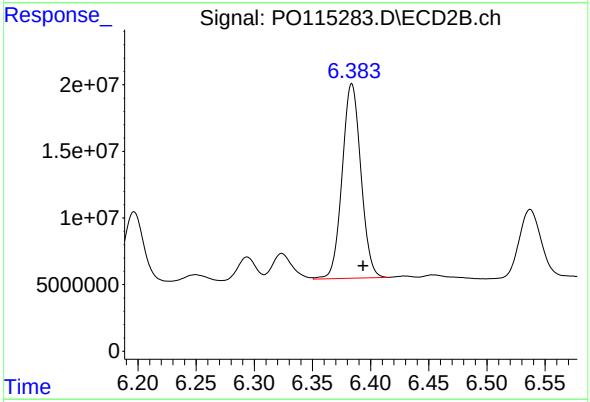
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.010 min
Response: 185425733
Conc: 468.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH4

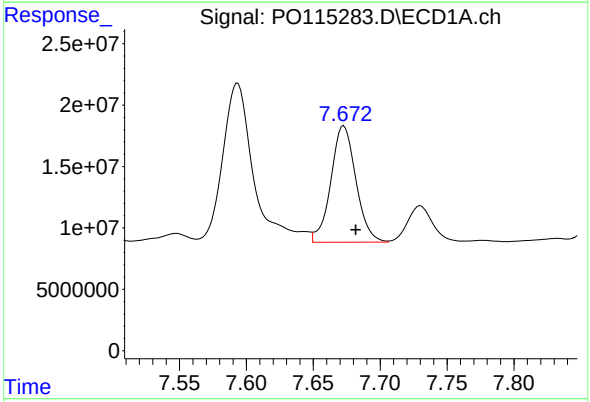
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



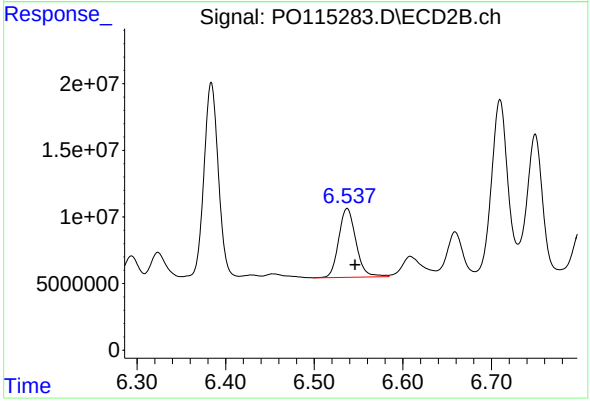
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 163596627
Conc: 380.43 ng/ml



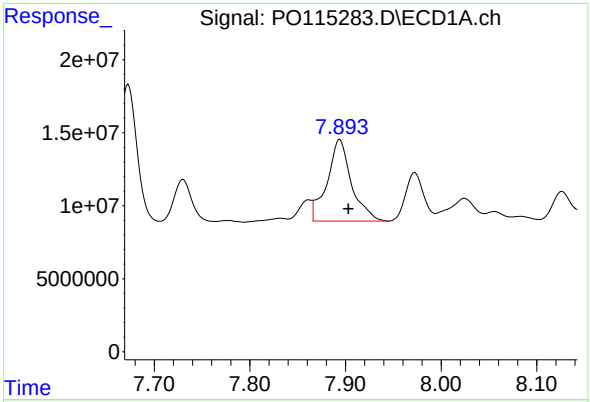
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 123478850
Conc: 372.13 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 69859177
Conc: 198.94 ng/ml



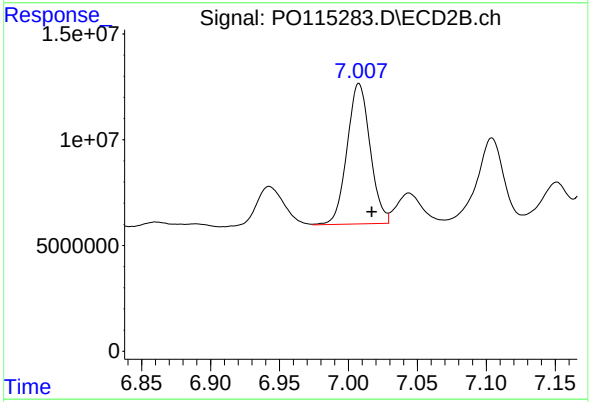
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 98830466
Conc: 324.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH4

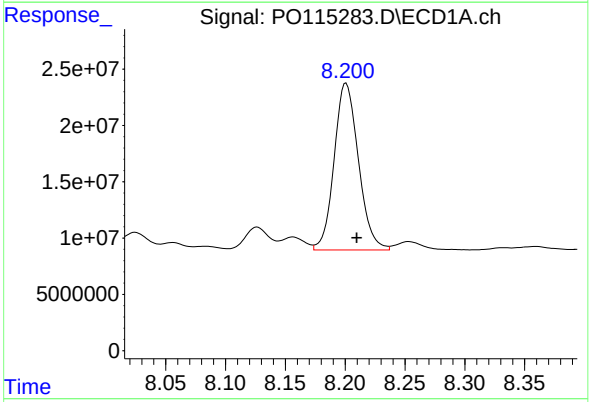
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



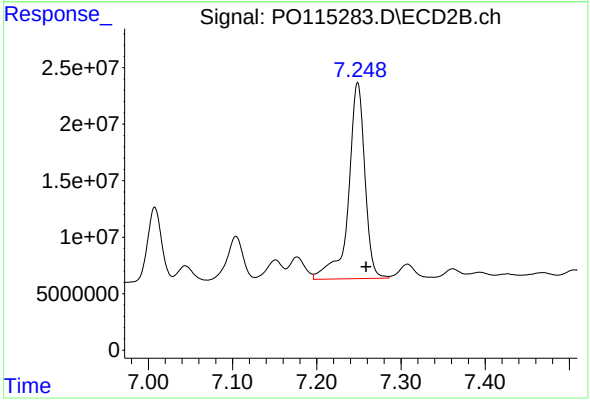
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 77300497
Conc: 255.09 ng/ml



#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 209250576
Conc: 293.39 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 234191971
Conc: 285.03 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH5	SDG No.:	Q3673
Lab Sample ID:	Q3673-10	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.3
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/20/25 21:40	PB170650
11104-28-2	Aroclor-1221	20.9	U	1	4.90	20.9	ug/kg	11/20/25 21:40	PB170650
11141-16-5	Aroclor-1232	20.9	U	1	4.60	20.9	ug/kg	11/20/25 21:40	PB170650
53469-21-9	Aroclor-1242	20.9	U	1	4.90	20.9	ug/kg	11/20/25 21:40	PB170650
12672-29-6	Aroclor-1248	20.9	U	1	7.30	20.9	ug/kg	11/20/25 21:40	PB170650
11097-69-1	Aroclor-1254	20.9	U	1	3.90	20.9	ug/kg	11/20/25 21:40	PB170650
37324-23-5	Aroclor-1262	20.9	U	1	6.20	20.9	ug/kg	11/20/25 21:40	PB170650
11100-14-4	Aroclor-1268	20.9	U	1	4.40	20.9	ug/kg	11/20/25 21:40	PB170650
11096-82-5	Aroclor-1260	10.6	J	1	4.00	20.9	ug/kg	11/20/25 21:40	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.4			21 - 165	97%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.7			10 - 170	74%	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\PO112025\
Data File : PO115284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:40
Operator : YP/AJ
Sample : Q3673-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH5

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:55:48 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	135.5E6	86442637	19.248	19.352
2)	SA Decachlor...	9.916	8.629	63017149	57409043	14.256m	14.706
	Target Compounds						
31)	L7 AR-1260-1	7.064	6.196	3488966	4060761	11.416	13.714
32)	L7 AR-1260-2	7.316	6.384	14294993	11335028	36.110	26.359 #
33)	L7 AR-1260-3	7.674	6.538	7611631	4256807	22.939	12.122 #
34)	L7 AR-1260-4	7.893	7.007	10515018	5563846	34.473	18.361 #
35)	L7 AR-1260-5	8.201	7.248	17356148	16228094	24.335	19.751

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

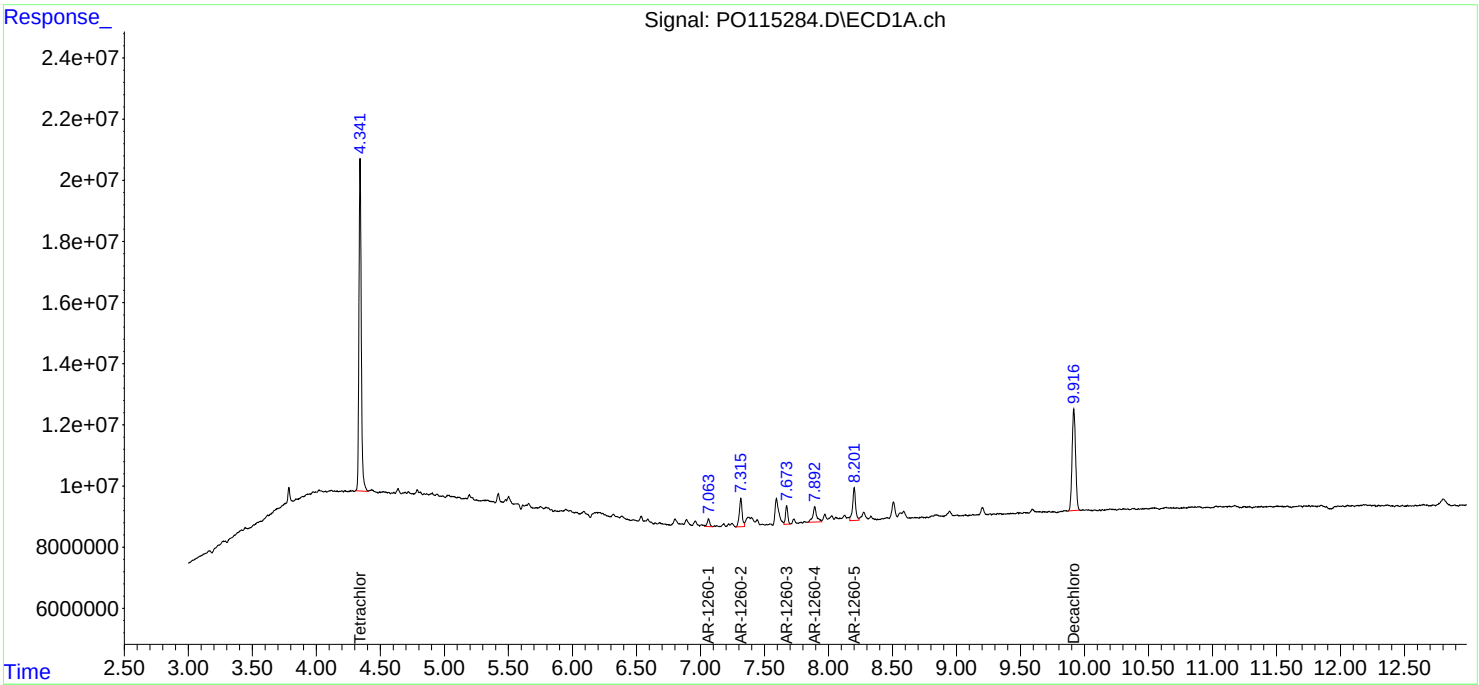
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:40
Operator : YP/AJ
Sample : Q3673-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

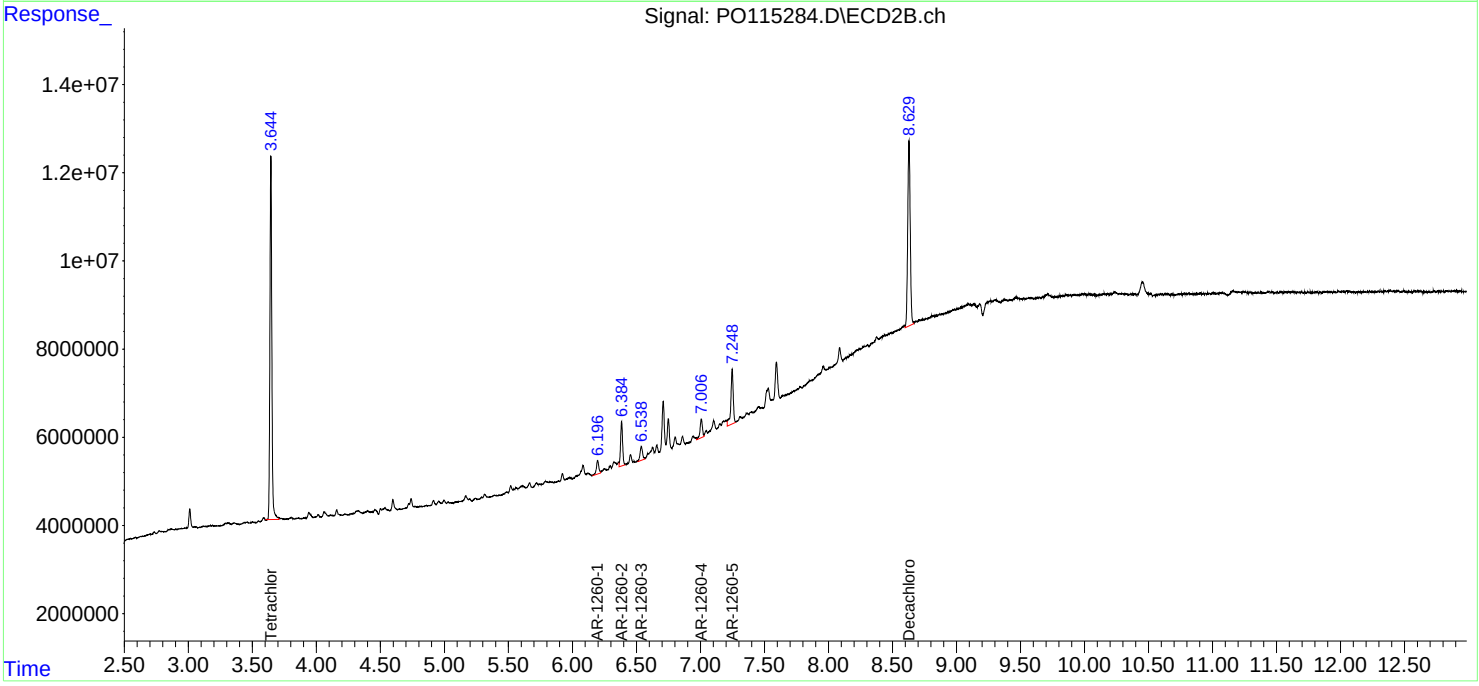
Instrument :
ECD_O
ClientSampleId :
C0AH5

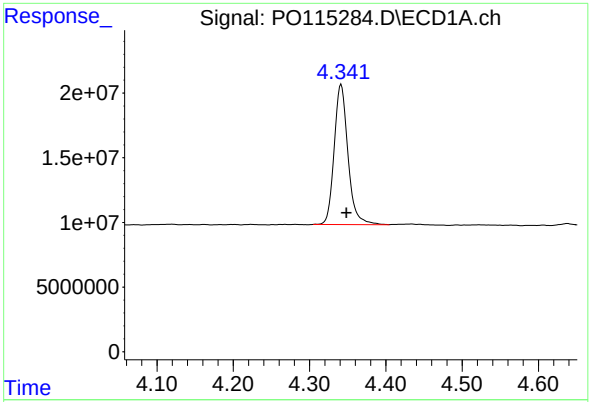
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:55:48 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







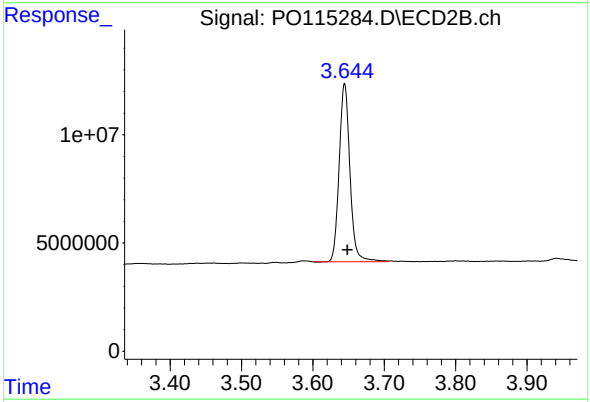
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 135470398
Conc: 19.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH5

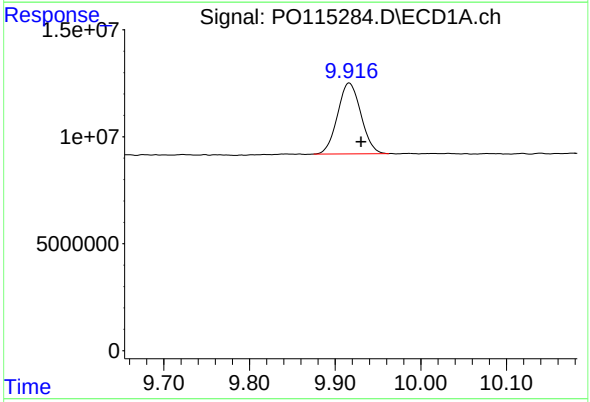
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



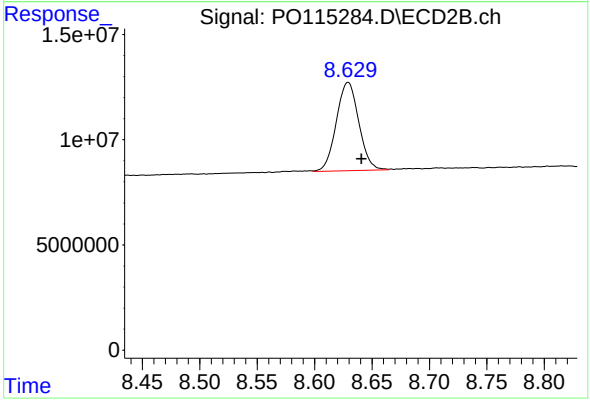
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 86442637
Conc: 19.35 ng/ml



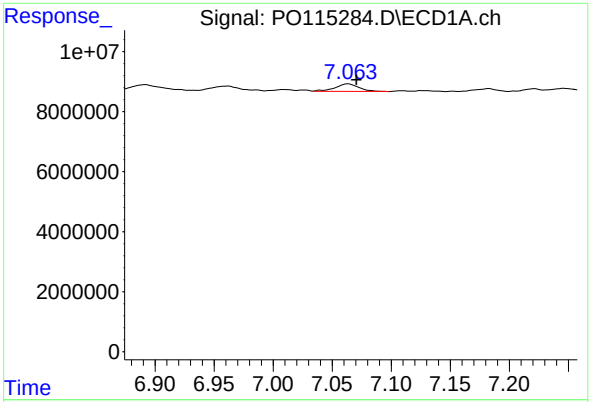
#2 Decachlorobiphenyl

R.T.: 9.916 min
Delta R.T.: -0.014 min
Response: 63017149
Conc: 14.26 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.011 min
Response: 57409043
Conc: 14.71 ng/ml



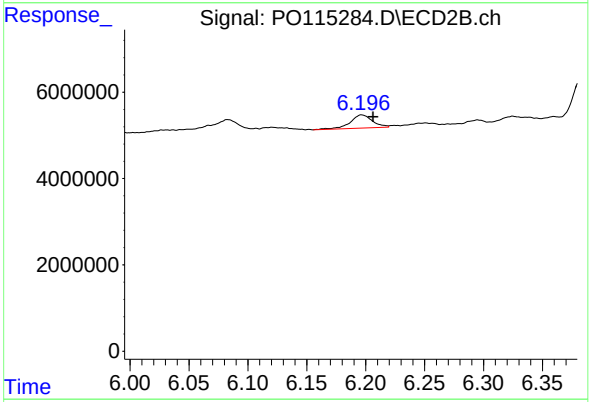
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 3488966
Conc: 11.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH5

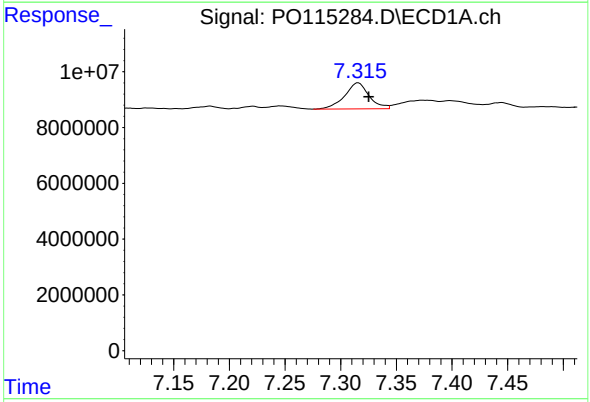
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



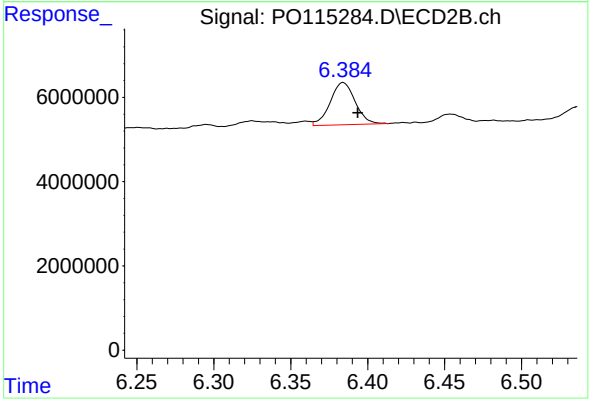
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.010 min
Response: 4060761
Conc: 13.71 ng/ml



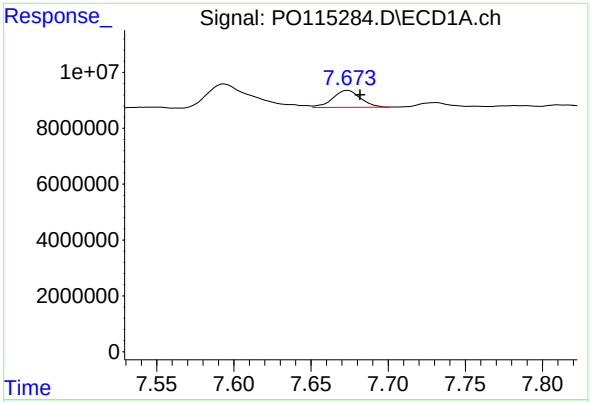
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 14294993
Conc: 36.11 ng/ml



#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 11335028
Conc: 26.36 ng/ml



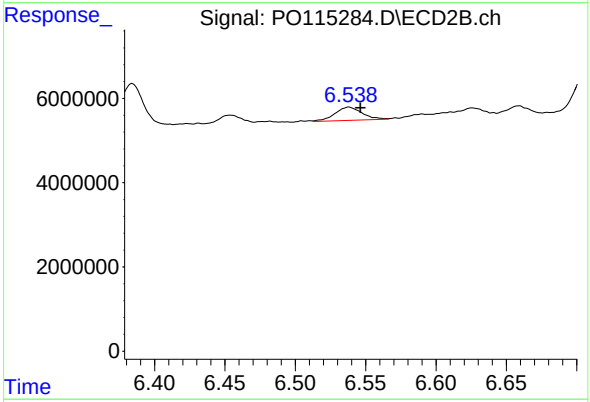
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 7611631
Conc: 22.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH5

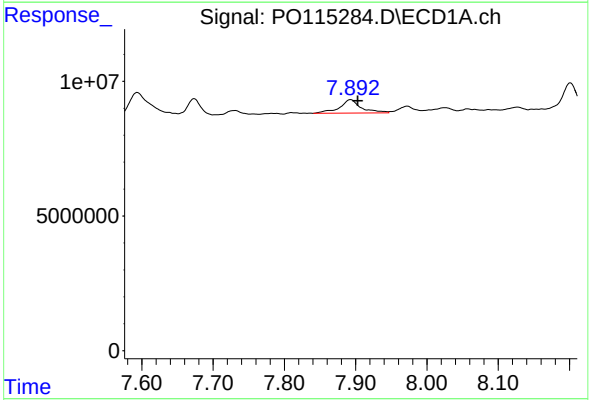
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



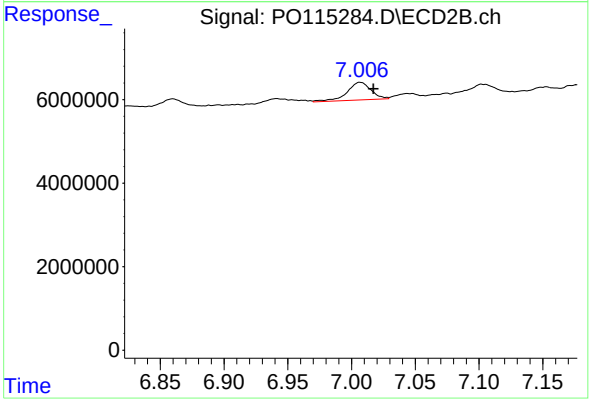
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.008 min
Response: 4256807
Conc: 12.12 ng/ml



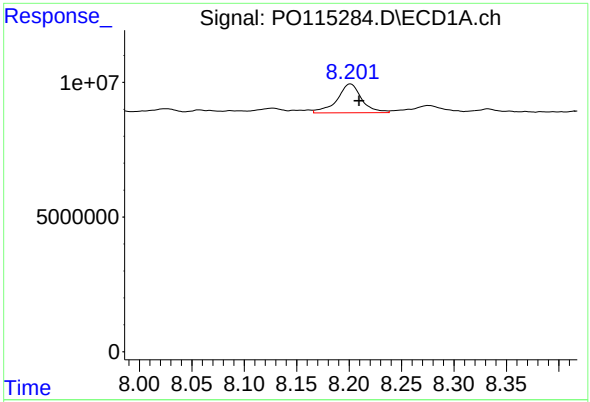
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 10515018
Conc: 34.47 ng/ml



#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 5563846
Conc: 18.36 ng/ml



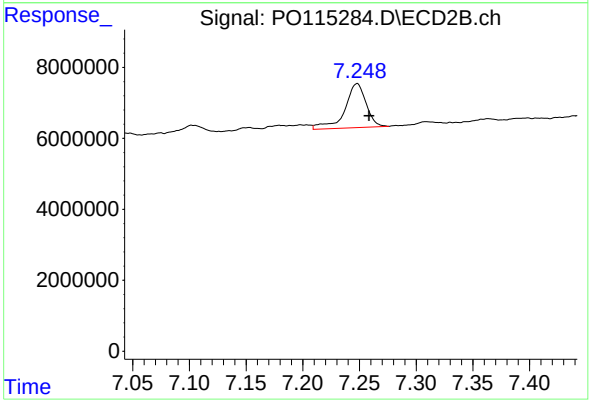
#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 17356148
Conc: 24.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 16228094
Conc: 19.75 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH6	SDG No.:	Q3673
Lab Sample ID:	Q3673-11	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.8
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/20/25 21:58	PB170650
11104-28-2	Aroclor-1221	20.5	U	1	4.90	20.5	ug/kg	11/20/25 21:58	PB170650
11141-16-5	Aroclor-1232	20.5	U	1	4.50	20.5	ug/kg	11/20/25 21:58	PB170650
53469-21-9	Aroclor-1242	20.5	U	1	4.80	20.5	ug/kg	11/20/25 21:58	PB170650
12672-29-6	Aroclor-1248	20.5	U	1	7.10	20.5	ug/kg	11/20/25 21:58	PB170650
11097-69-1	Aroclor-1254	20.5	U	1	3.90	20.5	ug/kg	11/20/25 21:58	PB170650
37324-23-5	Aroclor-1262	20.5	U	1	6.10	20.5	ug/kg	11/20/25 21:58	PB170650
11100-14-4	Aroclor-1268	20.5	U	1	4.30	20.5	ug/kg	11/20/25 21:58	PB170650
11096-82-5	Aroclor-1260	8.80	J	1	3.90	20.5	ug/kg	11/20/25 21:58	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.5			21 - 165	87%	SPK: 20		
2051-24-3	Decachlorobiphenyl	12.1			10 - 170	61%	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\PO112025\
Data File : PO115285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:58
Operator : YP/AJ
Sample : Q3673-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:56:05 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	122.8E6	78116546	17.444	17.488
2)	SA Decachlor...	9.917	8.630	50461331	47307834	11.416	12.118
	Target Compounds						
31)	L7 AR-1260-1	7.062	6.196	3476451	4139268	11.375	13.979
32)	L7 AR-1260-2	7.317	6.384	9949998	10002946	25.134	23.261
33)	L7 AR-1260-3	7.674	6.537	6927362	4323453	20.877	12.312 #
34)	L7 AR-1260-4	7.893	7.008	9446806	4382640	30.971	14.463 #
35)	L7 AR-1260-5	8.203	7.248	15184813	13514106	21.291	16.448

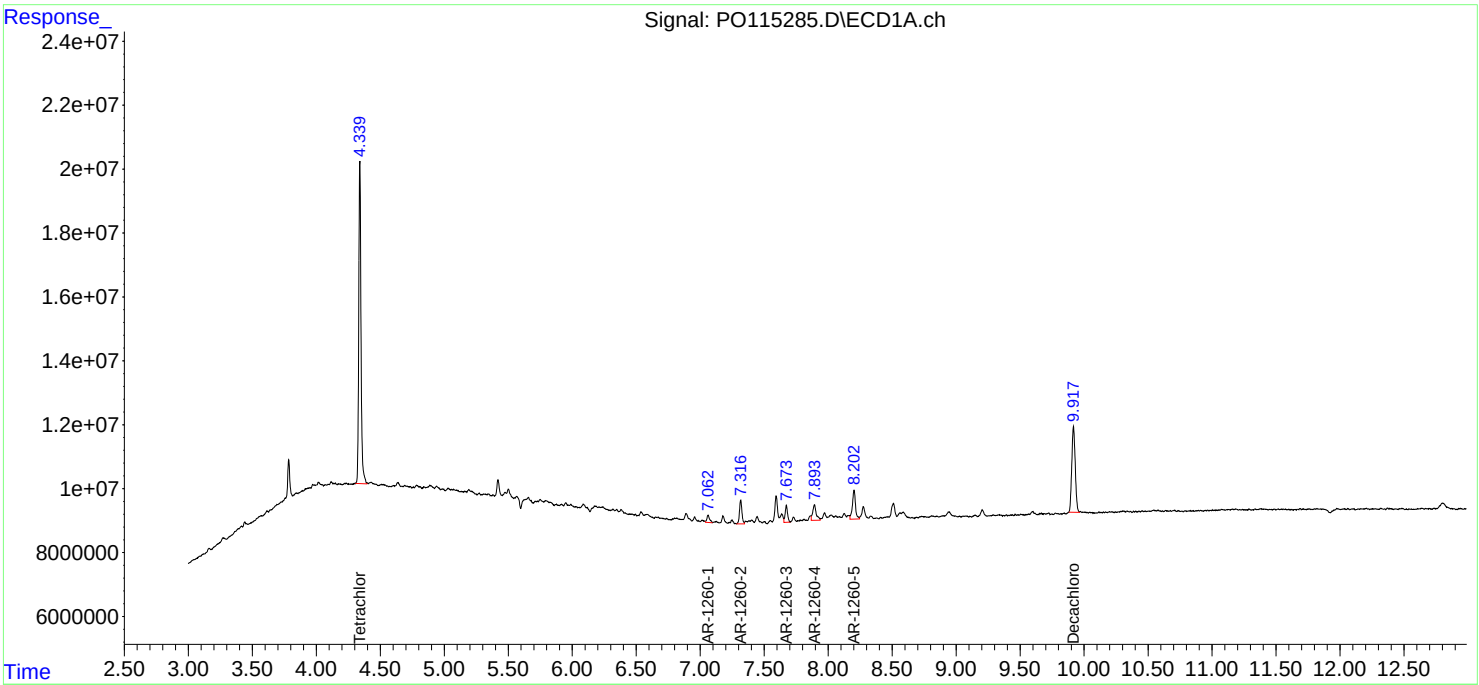
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

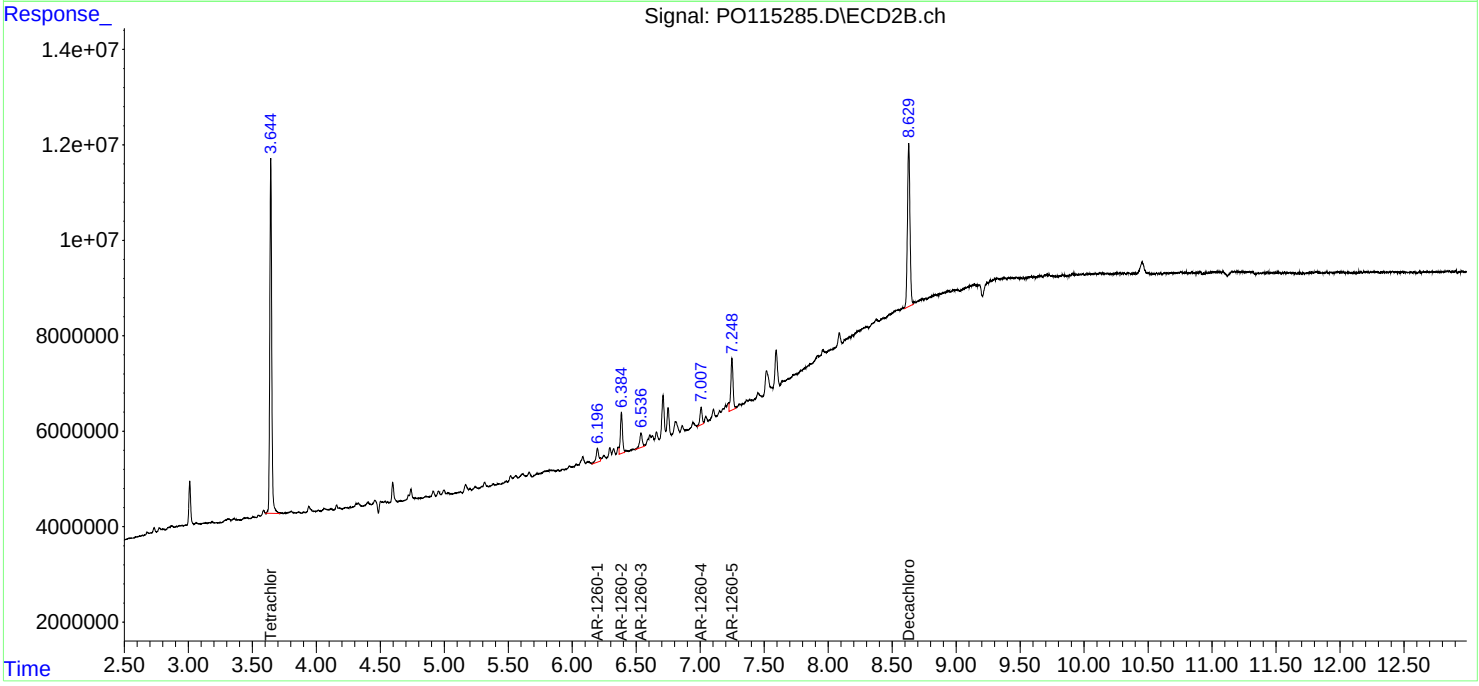
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:58
Operator : YP/AJ
Sample : Q3673-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

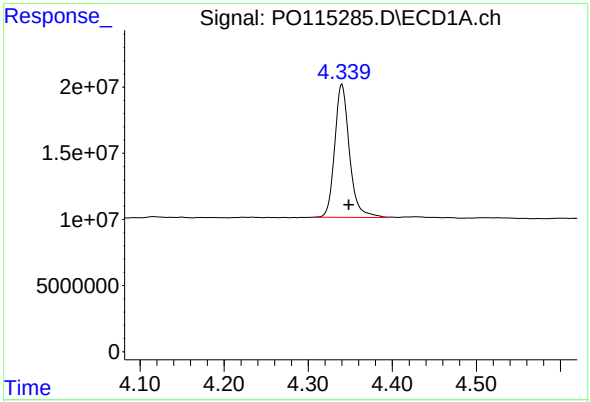
Instrument :
ECD_O
ClientSampleId :
C0AH6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:56:05 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



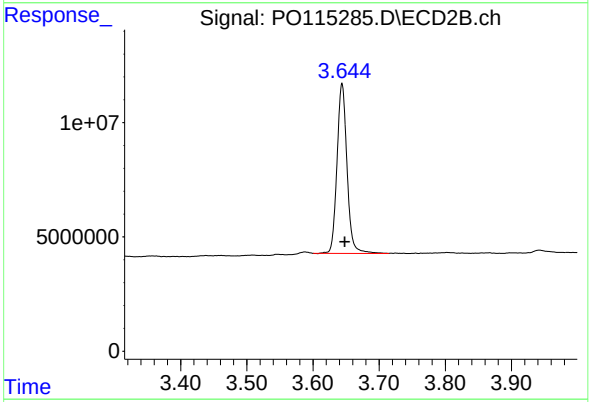




#1 Tetrachloro-m-xylene

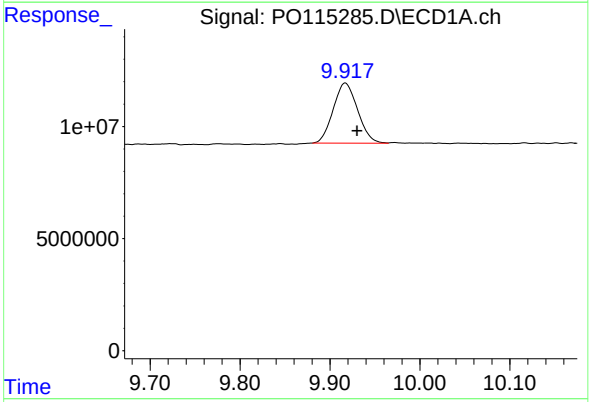
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 122775729
Conc: 17.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH6



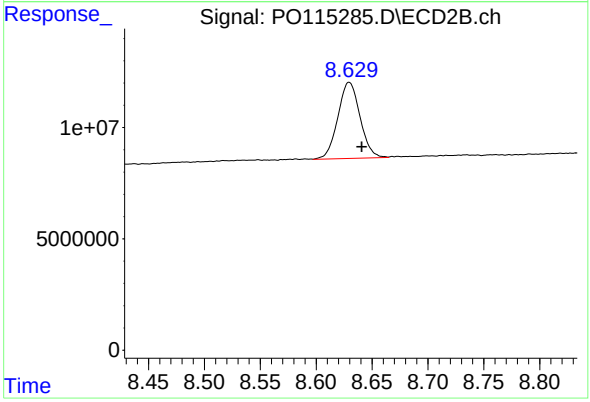
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 78116546
Conc: 17.49 ng/ml



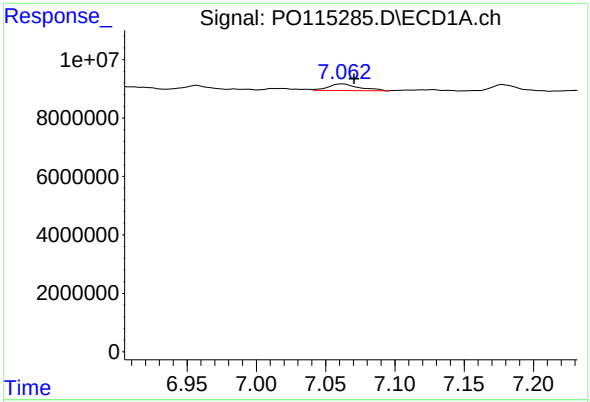
#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.013 min
Response: 50461331
Conc: 11.42 ng/ml



#2 Decachlorobiphenyl

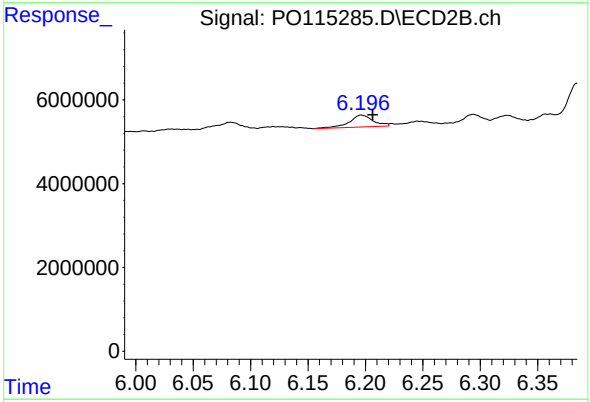
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 47307834
Conc: 12.12 ng/ml



#31 AR-1260-1

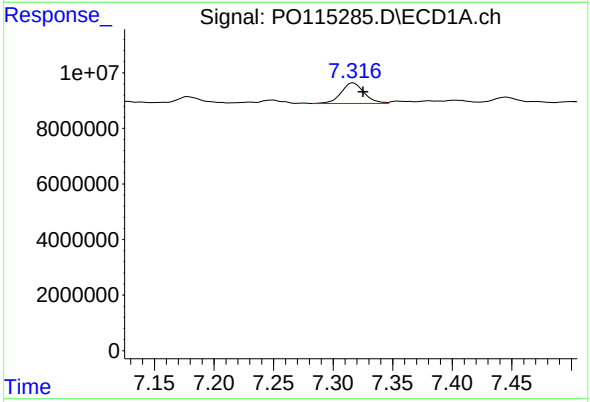
R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 3476451
Conc: 11.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH6



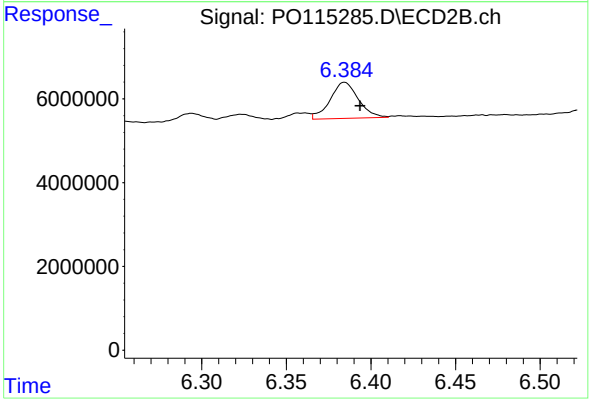
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.010 min
Response: 4139268
Conc: 13.98 ng/ml



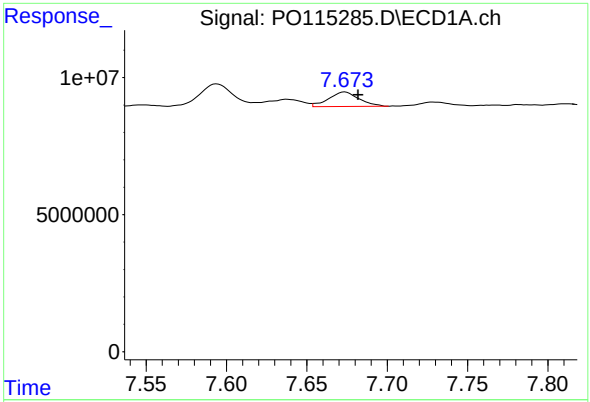
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 9949998
Conc: 25.13 ng/ml



#32 AR-1260-2

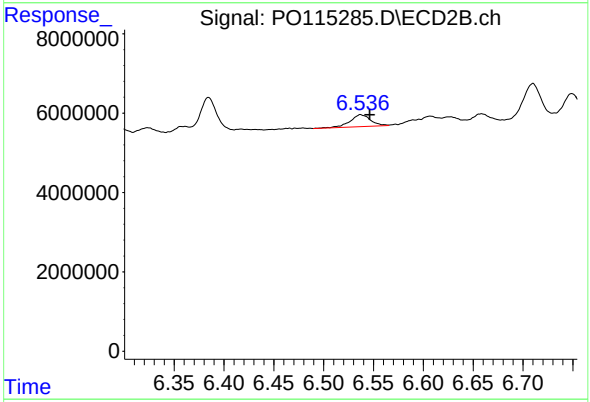
R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 10002946
Conc: 23.26 ng/ml



#33 AR-1260-3

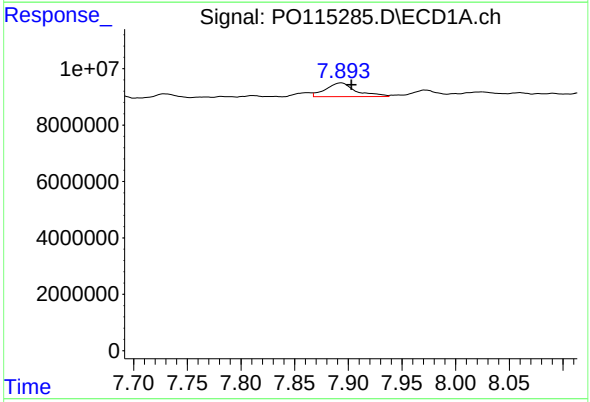
R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 6927362
Conc: 20.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH6



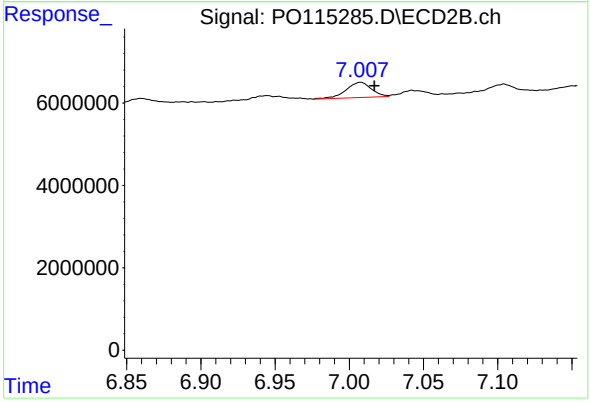
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 4323453
Conc: 12.31 ng/ml



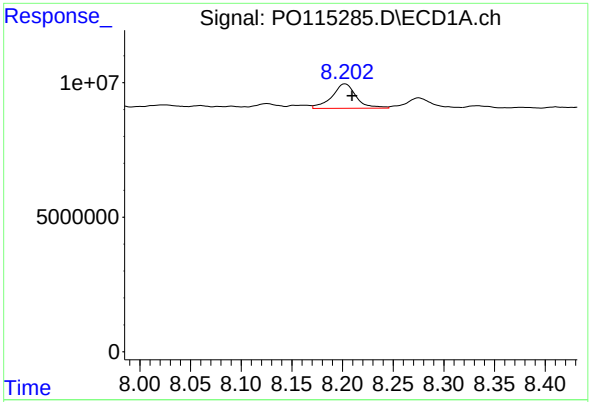
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 9446806
Conc: 30.97 ng/ml



#34 AR-1260-4

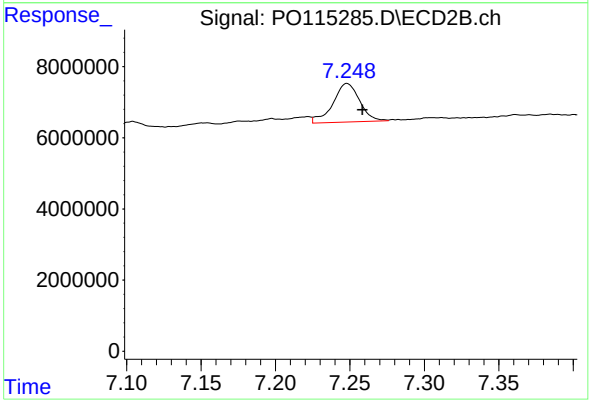
R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 4382640
Conc: 14.46 ng/ml



#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 15184813
Conc: 21.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH6



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 13514106
Conc: 16.45 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH7	SDG No.:	Q3673
Lab Sample ID:	Q3673-12	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: 11/20/25	

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	11/20/25 22:16	PB170650
11104-28-2	Aroclor-1221	20.0	U	1	4.70	20.0	ug/kg	11/20/25 22:16	PB170650
11141-16-5	Aroclor-1232	20.0	U	1	4.40	20.0	ug/kg	11/20/25 22:16	PB170650
53469-21-9	Aroclor-1242	20.0	U	1	4.70	20.0	ug/kg	11/20/25 22:16	PB170650
12672-29-6	Aroclor-1248	20.0	U	1	7.00	20.0	ug/kg	11/20/25 22:16	PB170650
11097-69-1	Aroclor-1254	20.0	U	1	3.80	20.0	ug/kg	11/20/25 22:16	PB170650
37324-23-5	Aroclor-1262	20.0	U	1	5.90	20.0	ug/kg	11/20/25 22:16	PB170650
11100-14-4	Aroclor-1268	20.0	U	1	4.20	20.0	ug/kg	11/20/25 22:16	PB170650
11096-82-5	Aroclor-1260	14.7	J	1	3.80	20.0	ug/kg	11/20/25 22:16	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.4			21 - 165	102%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.4			10 - 170	82%	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\PO112025\
Data File : PO115286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:16
Operator : YP/AJ
Sample : Q3673-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH7

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:56:24 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	142.4E6	91279711	20.235	20.435
2)	SA Decachlor...	9.917	8.630	71058128	63940192	16.076m	16.379
	Target Compounds						
31)	L7 AR-1260-1	7.062	6.197	7885051	8958486	25.799	30.254
32)	L7 AR-1260-2	7.316	6.385	18314283	19831632	46.263	46.117
33)	L7 AR-1260-3	7.673	6.538	10354037	7720609	31.204	21.987 #
34)	L7 AR-1260-4	7.893	7.008	16377880	7546288	53.694	24.903 #
35)	L7 AR-1260-5	8.201	7.248	21926598	24617513	30.743	29.962

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

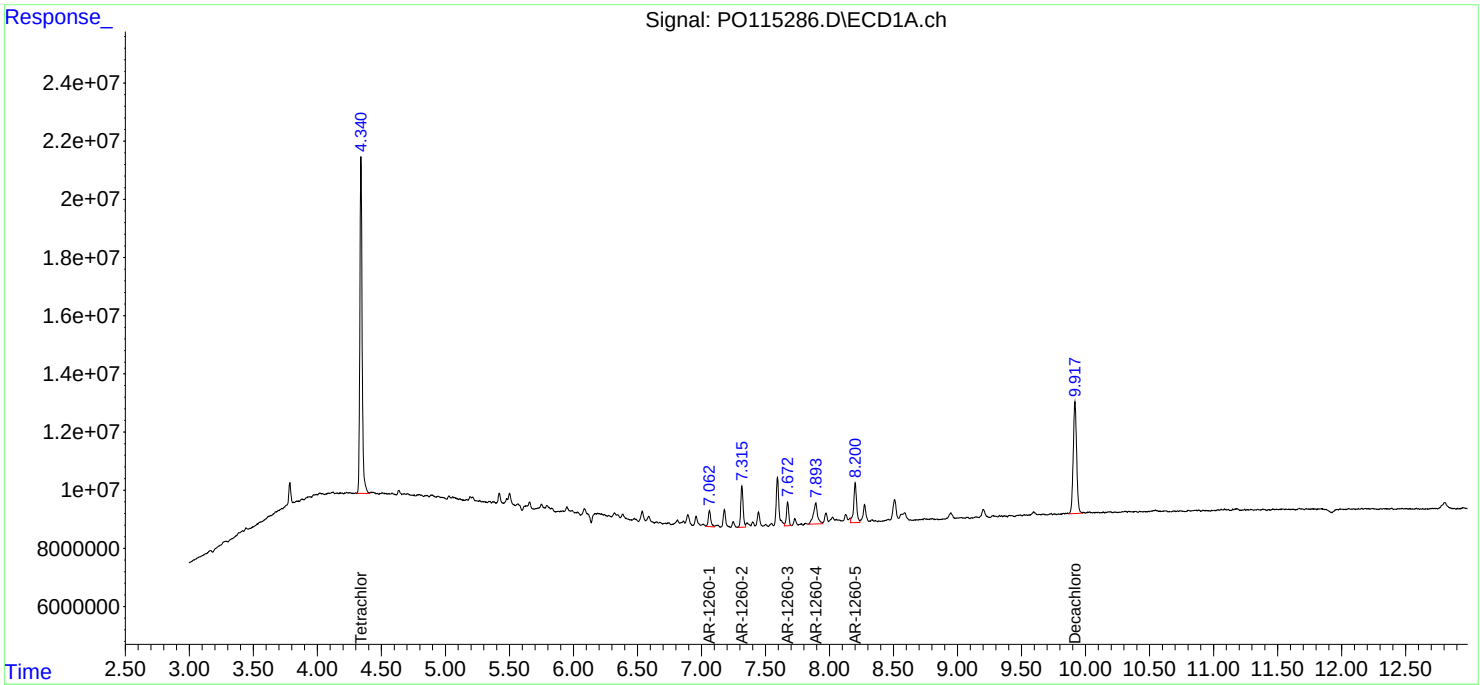
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:16
Operator : YP/AJ
Sample : Q3673-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

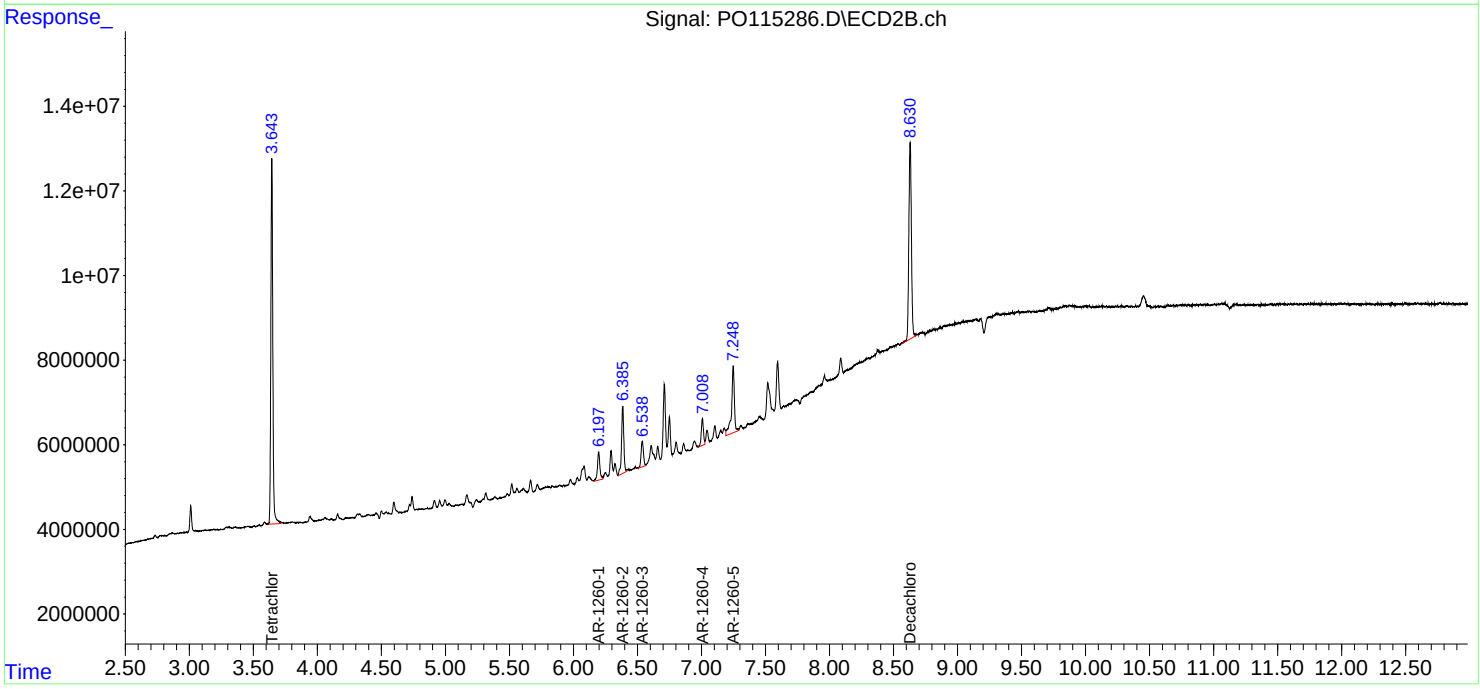
Instrument :
ECD_O
ClientSampleId :
C0AH7

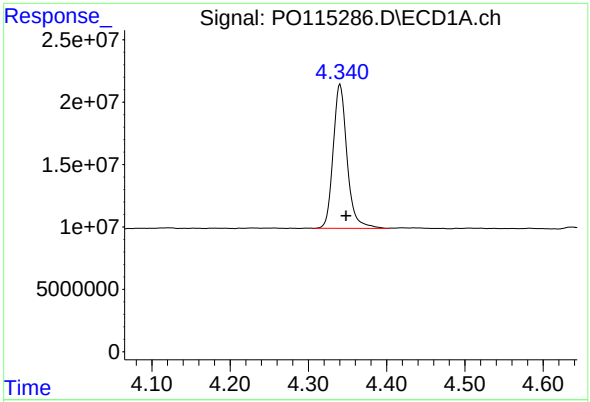
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:56:24 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







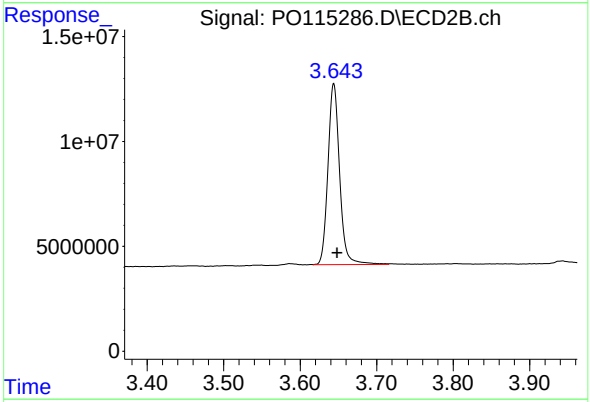
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 142417129
Conc: 20.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH7

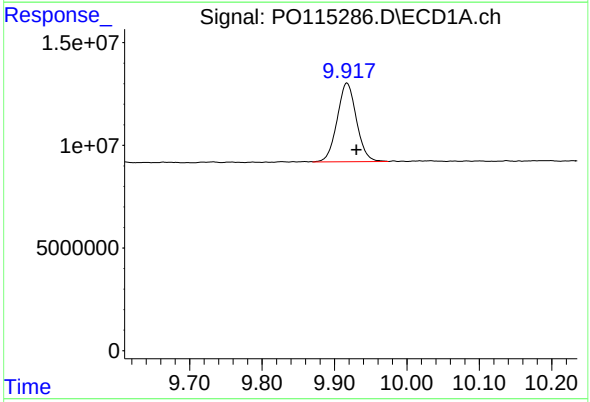
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



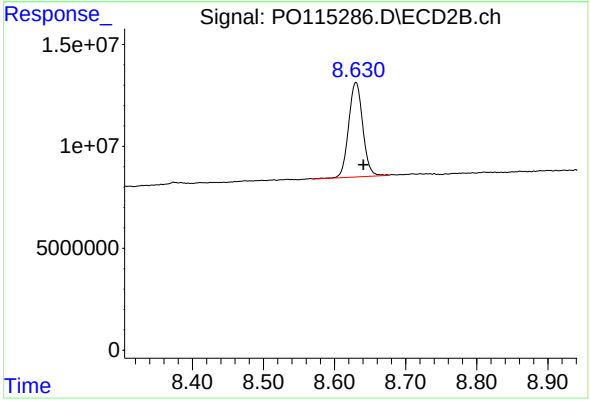
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 91279711
Conc: 20.44 ng/ml



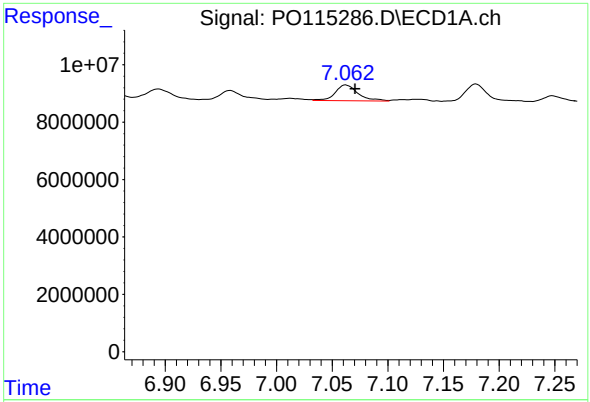
#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.014 min
Response: 71058128
Conc: 16.08 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 63940192
Conc: 16.38 ng/ml



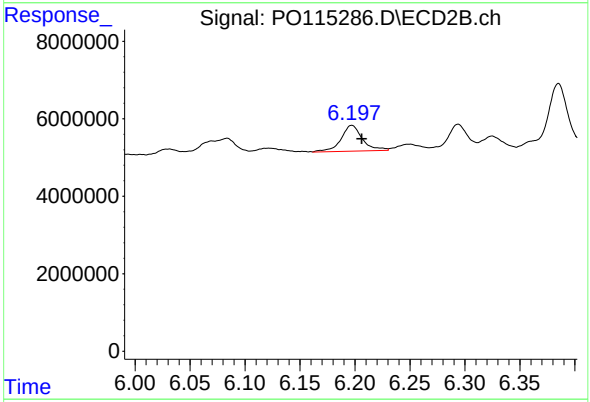
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 7885051
Conc: 25.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH7

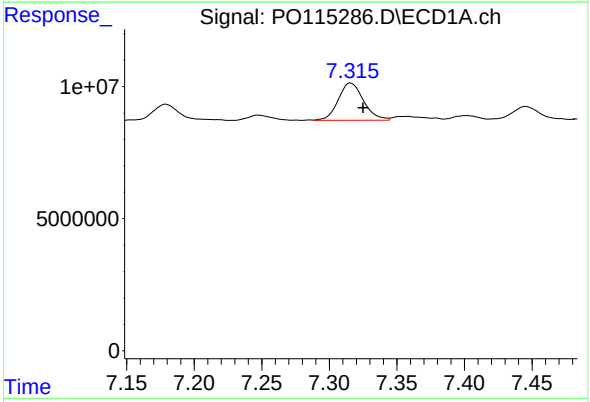
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



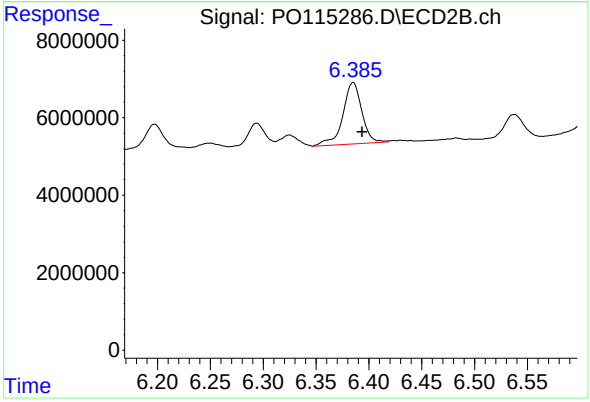
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 8958486
Conc: 30.25 ng/ml



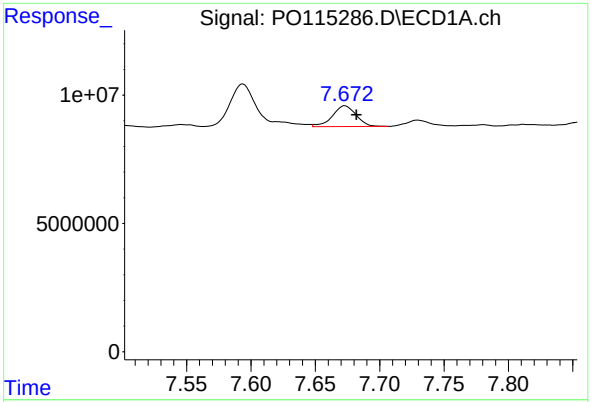
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 18314283
Conc: 46.26 ng/ml



#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.008 min
Response: 19831632
Conc: 46.12 ng/ml



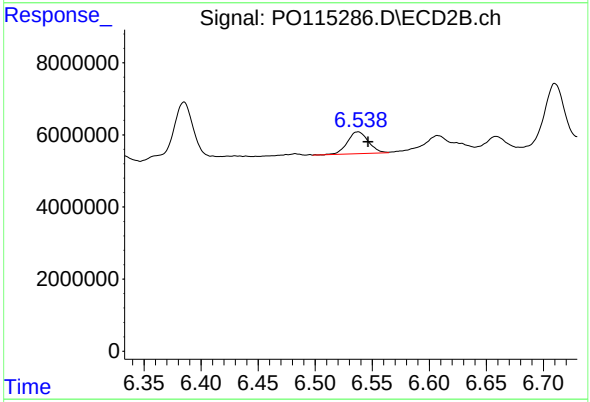
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 10354037
Conc: 31.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH7

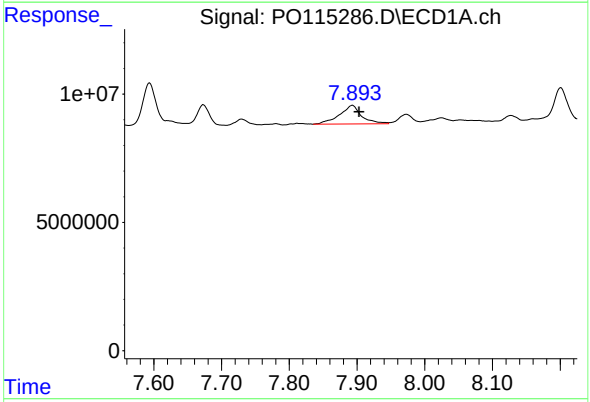
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



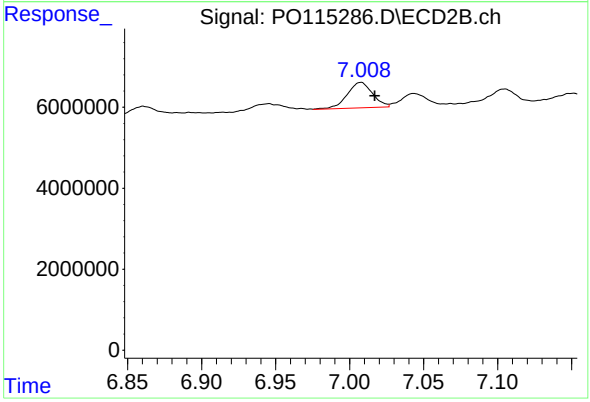
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.008 min
Response: 7720609
Conc: 21.99 ng/ml



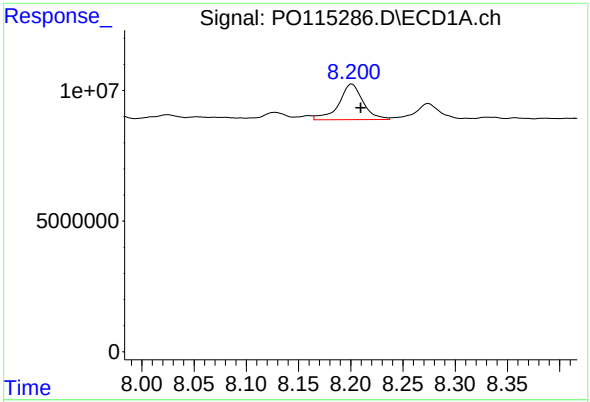
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 16377880
Conc: 53.69 ng/ml



#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 7546288
Conc: 24.90 ng/ml



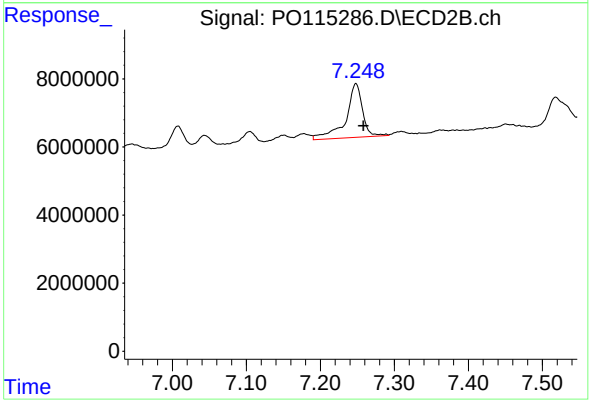
#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 21926598
Conc: 30.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH7

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 24617513
Conc: 29.96 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:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AH8	SDG No.:	Q3673
Lab Sample ID:	Q3673-13	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	79.9
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21.3	U	1	4.90	21.3	ug/kg	11/21/25 02:15	PB170650
11104-28-2	Aroclor-1221	21.3	U	1	5.00	21.3	ug/kg	11/21/25 02:15	PB170650
11141-16-5	Aroclor-1232	21.3	U	1	4.70	21.3	ug/kg	11/21/25 02:15	PB170650
53469-21-9	Aroclor-1242	21.3	U	1	5.00	21.3	ug/kg	11/21/25 02:15	PB170650
12672-29-6	Aroclor-1248	21.3	U	1	7.40	21.3	ug/kg	11/21/25 02:15	PB170650
11097-69-1	Aroclor-1254	21.3	U	1	4.00	21.3	ug/kg	11/21/25 02:15	PB170650
37324-23-5	Aroclor-1262	21.3	U	1	6.30	21.3	ug/kg	11/21/25 02:15	PB170650
11100-14-4	Aroclor-1268	21.3	U	1	4.50	21.3	ug/kg	11/21/25 02:15	PB170650
11096-82-5	Aroclor-1260	68.5		1	4.00	21.3	ug/kg	11/21/25 02:15	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.8			21 - 165	99%	SPK: 20		
2051-24-3	Decachlorobiphenyl	13.0			10 - 170	65%	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\PO112025\
Data File : PO115294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 02:15
Operator : YP/AJ
Sample : Q3673-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH8

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:40:28 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	3.644	139.6E6	87025150	19.832	19.483
2)	SA Decachlor...	9.916	8.630	56235693	50908267	12.722m	13.041
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.196	45610764	43972582	149.234	148.502
32)	L7 AR-1260-2	7.316	6.384	77559070	72735271	195.917	169.140
33)	L7 AR-1260-3	7.673	6.537	57189944	47276119	172.353	134.632
34)	L7 AR-1260-4	7.895	7.007	52254531	42656775	171.315	140.768
35)	L7 AR-1260-5	8.201	7.248	94665284	102.9E6	132.730	125.244

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

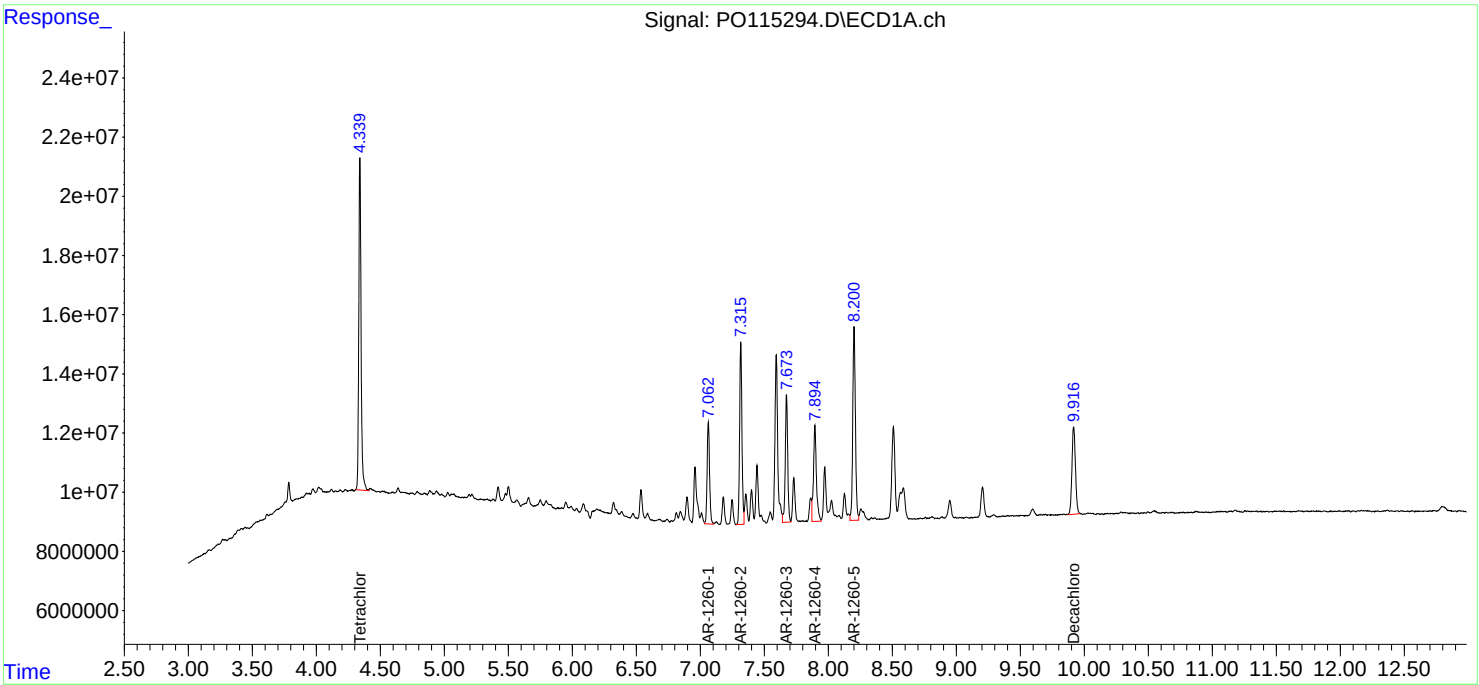
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 02:15
Operator : YP/AJ
Sample : Q3673-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

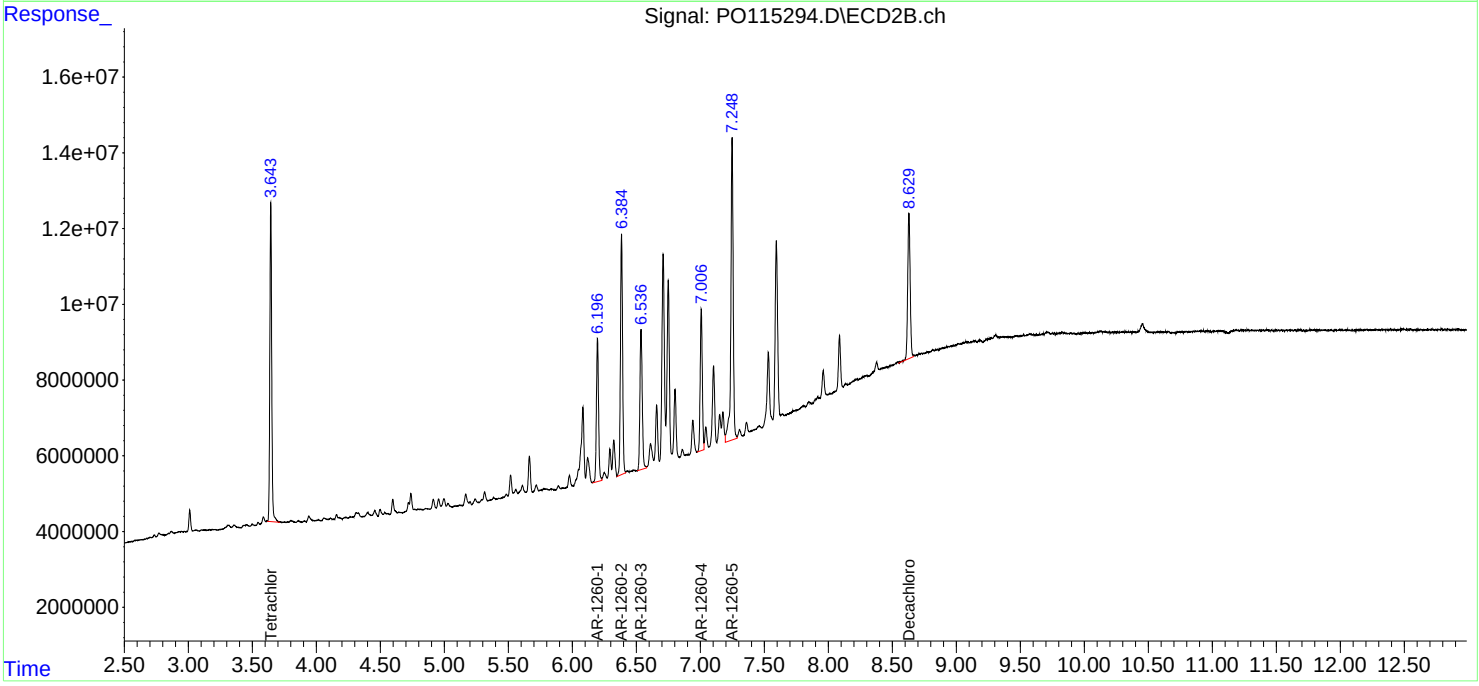
Instrument :
ECD_O
ClientSampleId :
C0AH8

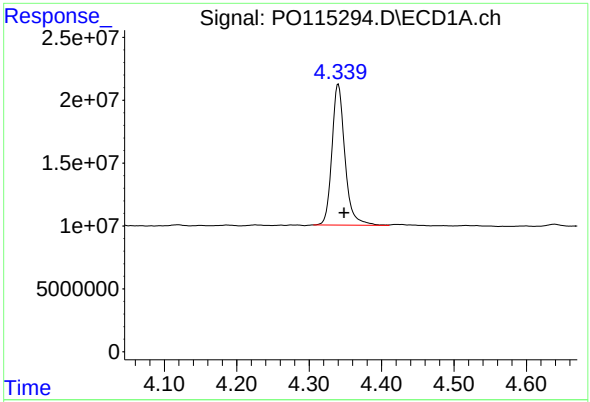
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:40:28 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







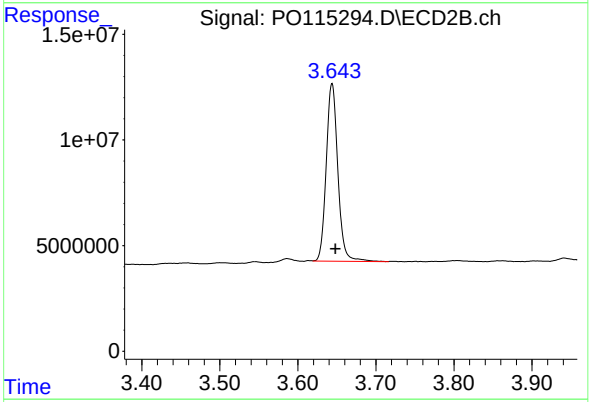
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 139581592
Conc: 19.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH8

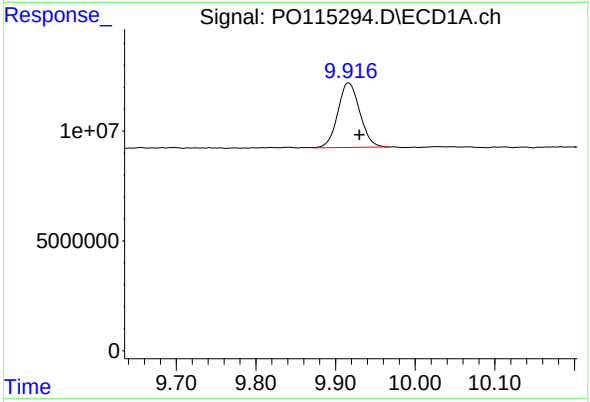
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



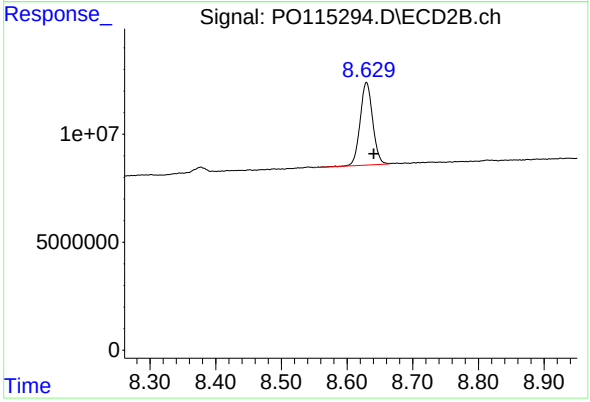
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 87025150
Conc: 19.48 ng/ml



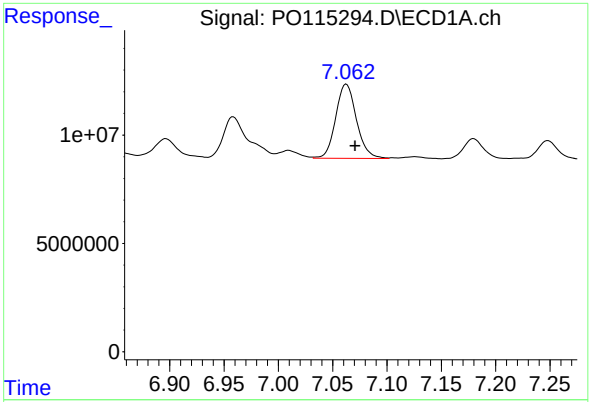
#2 Decachlorobiphenyl

R.T.: 9.916 min
Delta R.T.: -0.015 min
Response: 56235693
Conc: 12.72 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 50908267
Conc: 13.04 ng/ml



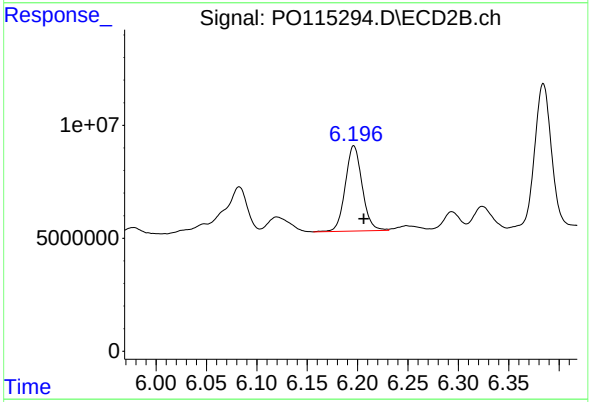
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 45610764
Conc: 149.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH8

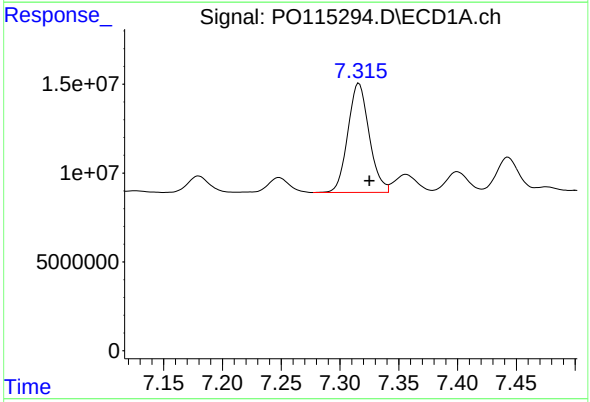
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



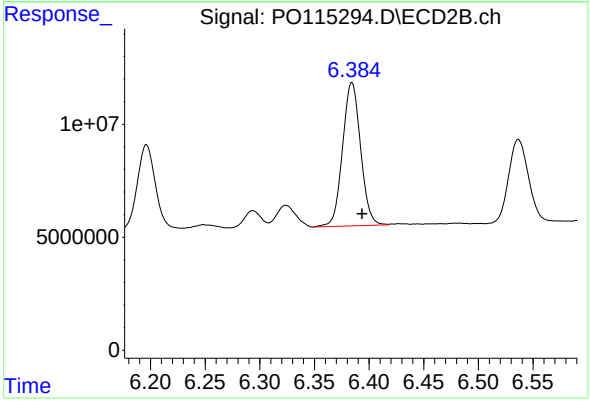
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.010 min
Response: 43972582
Conc: 148.50 ng/ml



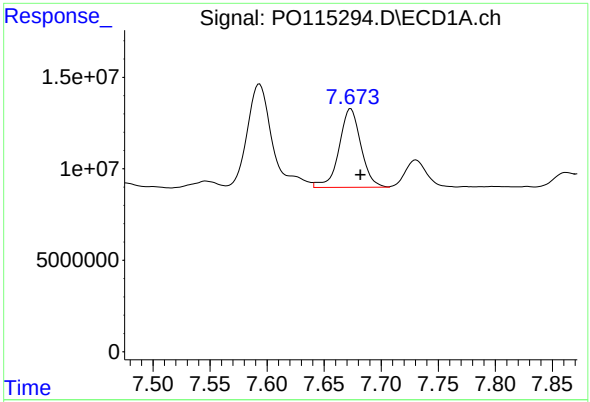
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 77559070
Conc: 195.92 ng/ml



#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 72735271
Conc: 169.14 ng/ml



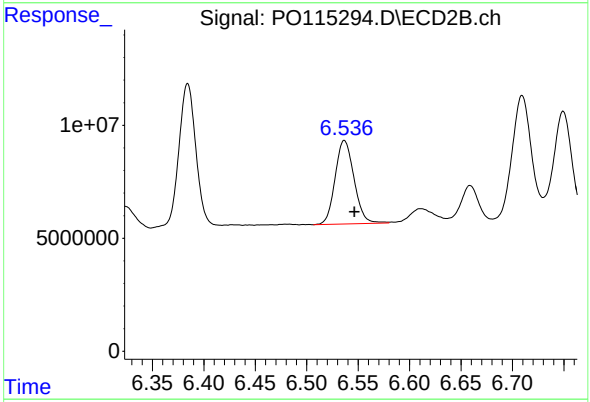
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 57189944
Conc: 172.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH8

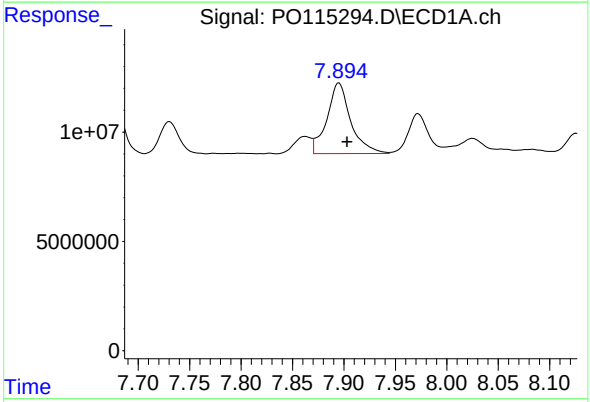
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



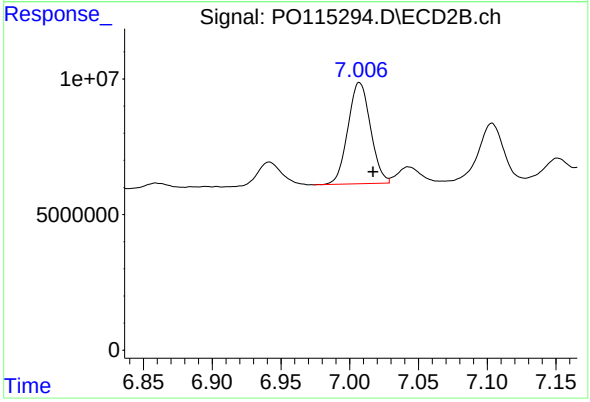
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.010 min
Response: 47276119
Conc: 134.63 ng/ml



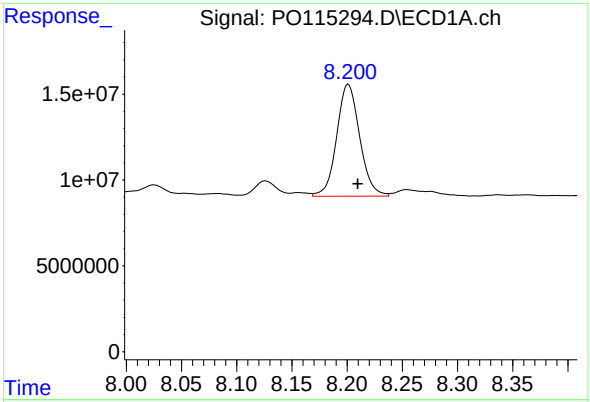
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 52254531
Conc: 171.32 ng/ml



#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 42656775
Conc: 140.77 ng/ml



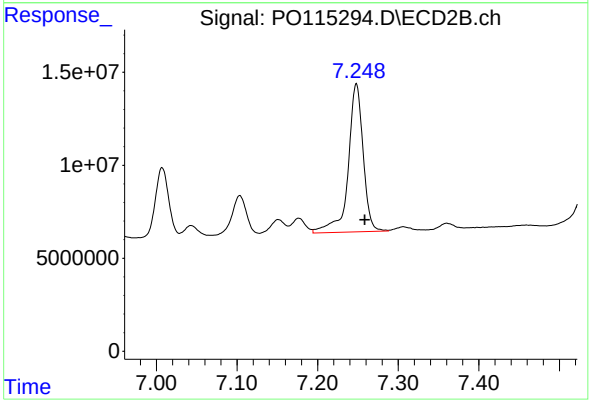
#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 94665284
Conc: 132.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH8

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 102903785
Conc: 125.24 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.:** Q3673

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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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

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

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.: Q3673
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.: Q3673
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.:** Q3673

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.:** Q3673

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

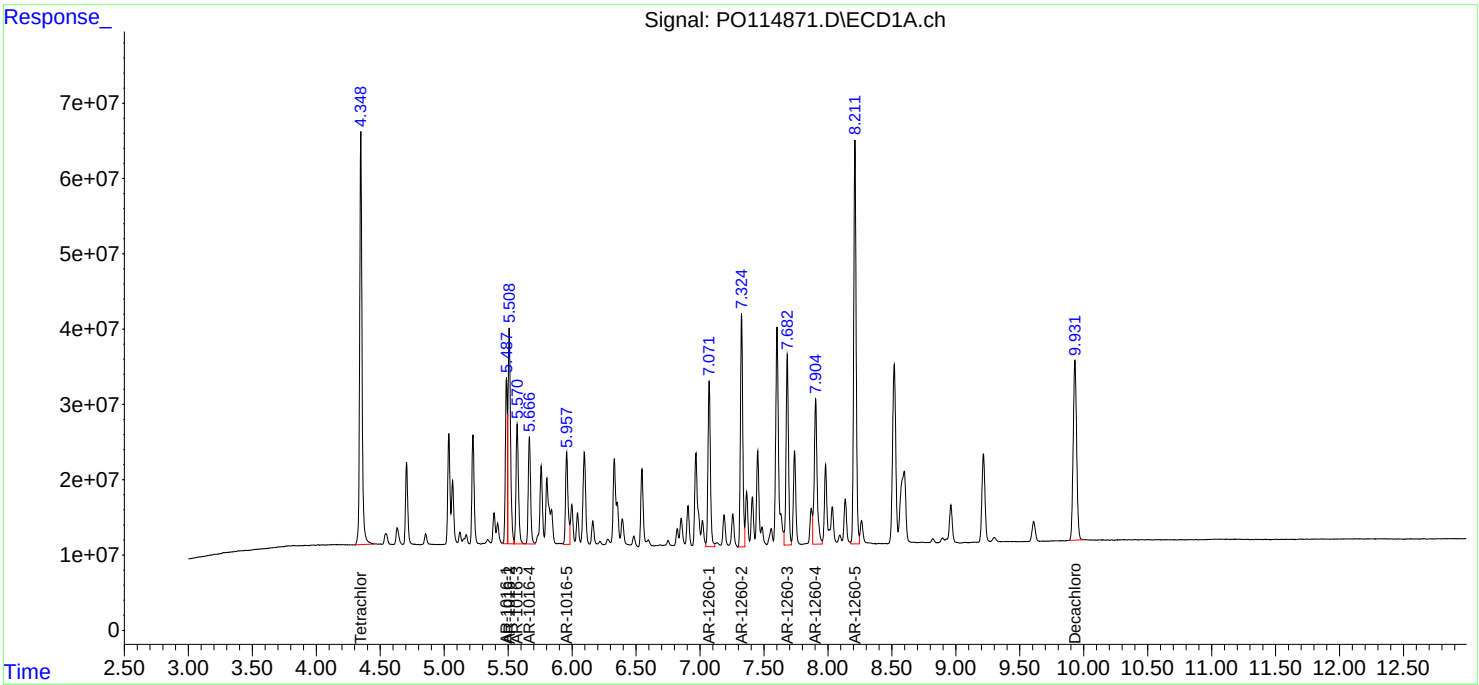
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

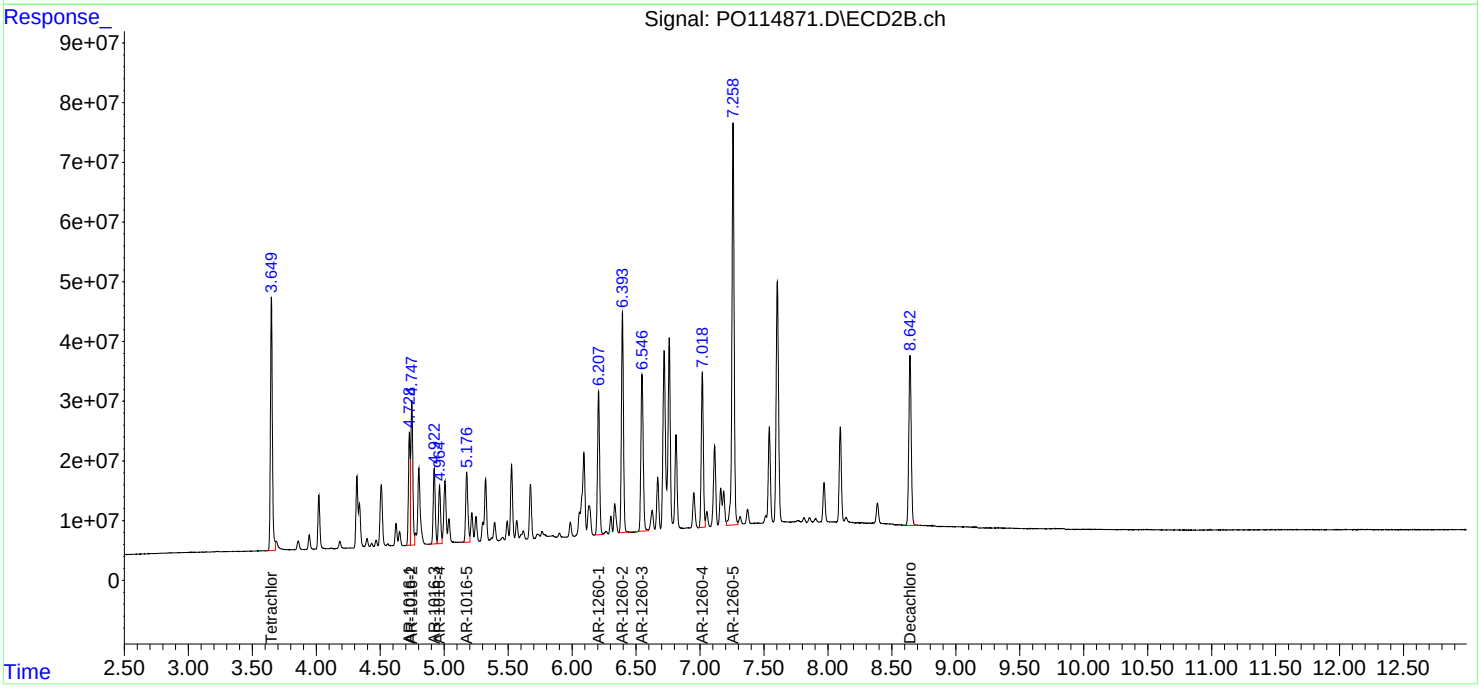
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:39
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

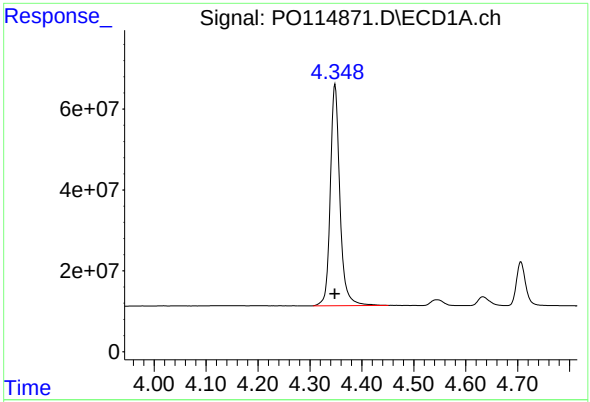
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

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



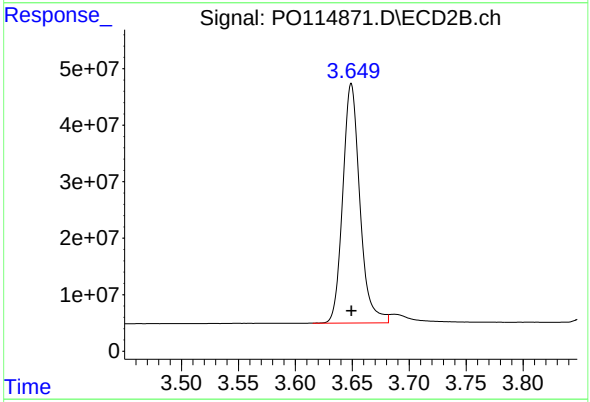




#1 Tetrachloro-m-xylene

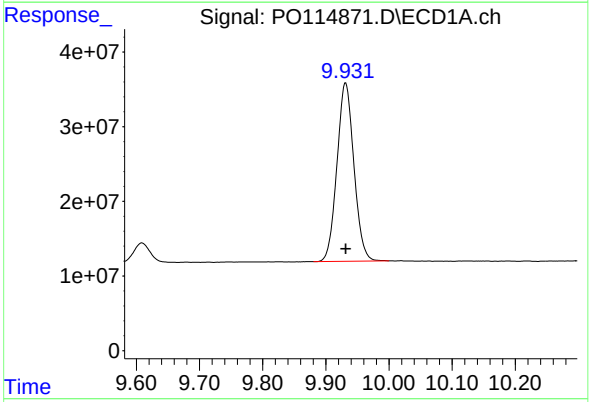
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 702040328
Conc: 97.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



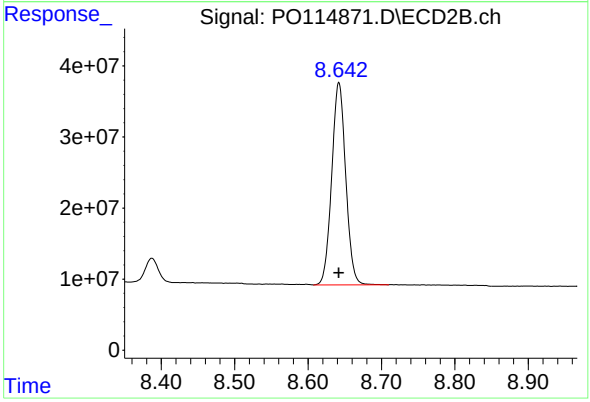
#1 Tetrachloro-m-xylene

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



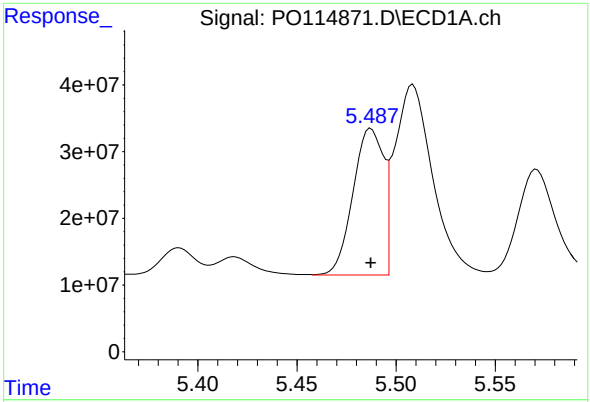
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

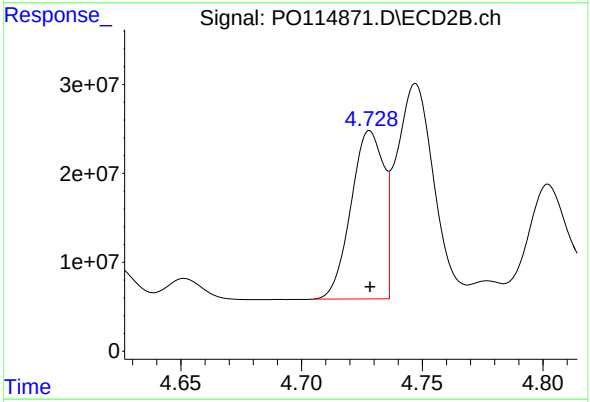
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 376821391
Conc: 96.38 ng/ml



#3 AR-1016-1

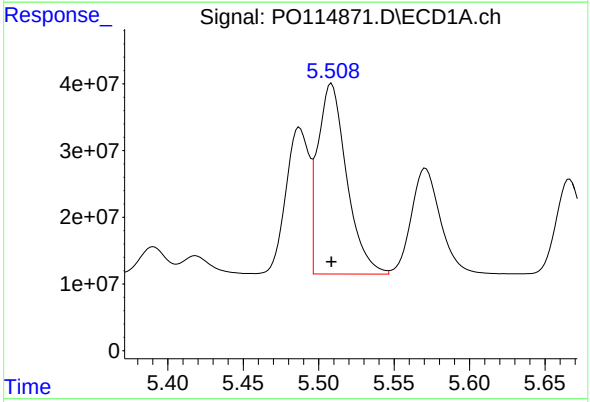
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 235183609
Conc: 964.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



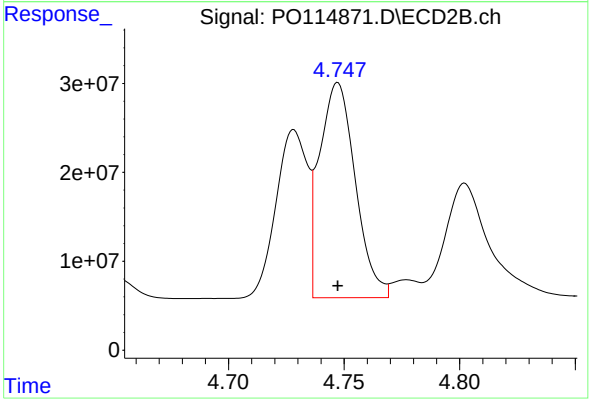
#3 AR-1016-1

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



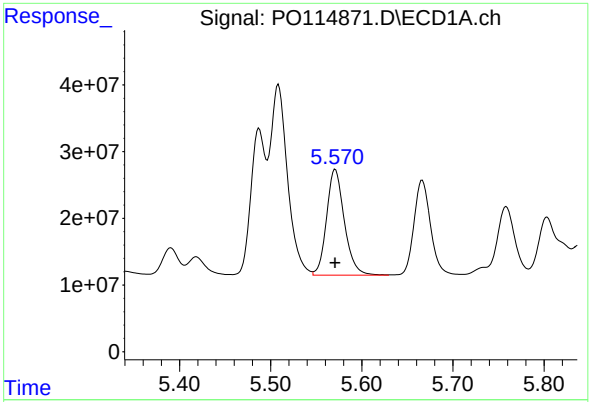
#4 AR-1016-2

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



#4 AR-1016-2

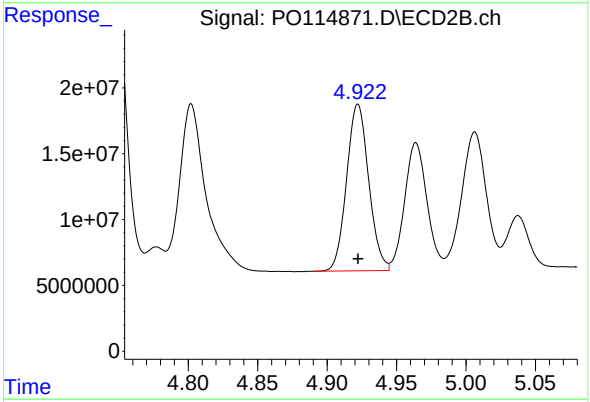
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 260787154
Conc: 968.78 ng/ml



#5 AR-1016-3

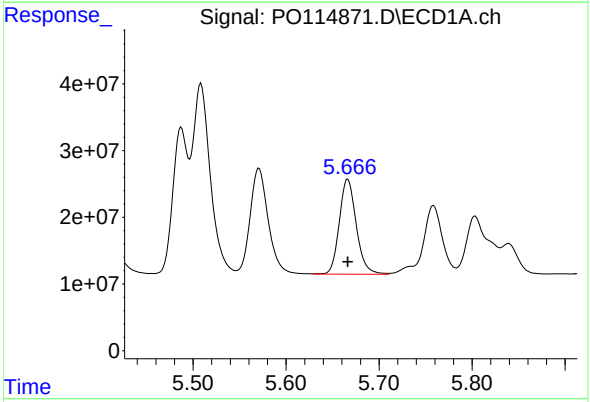
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 214892716
Conc: 964.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



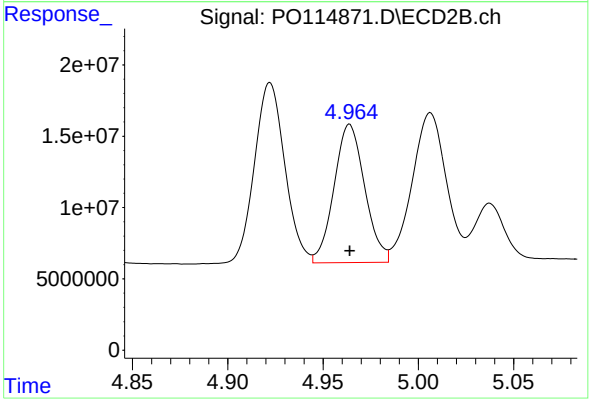
#5 AR-1016-3

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



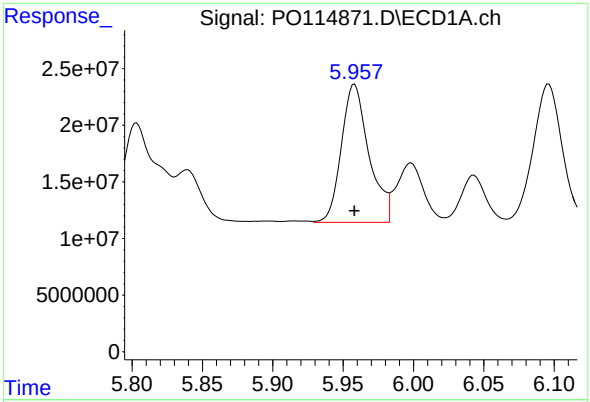
#6 AR-1016-4

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



#6 AR-1016-4

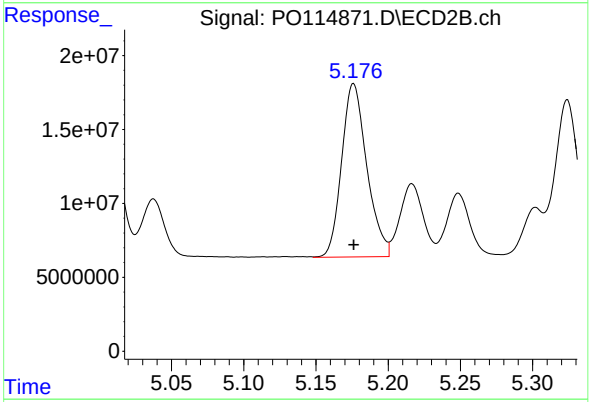
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 108607533
Conc: 959.73 ng/ml



#7 AR-1016-5

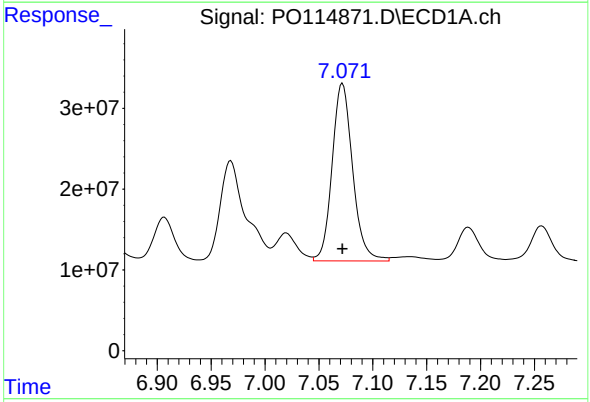
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 166479276
Conc: 962.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



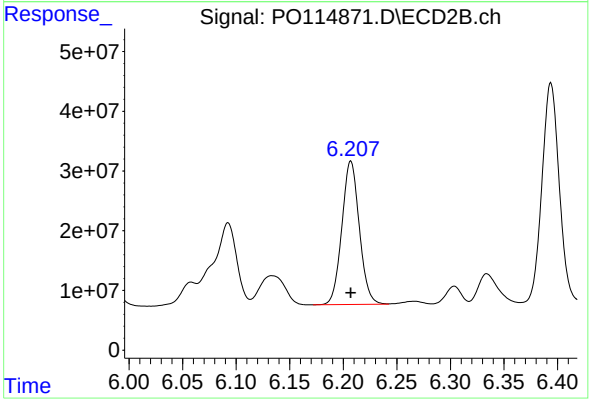
#7 AR-1016-5

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



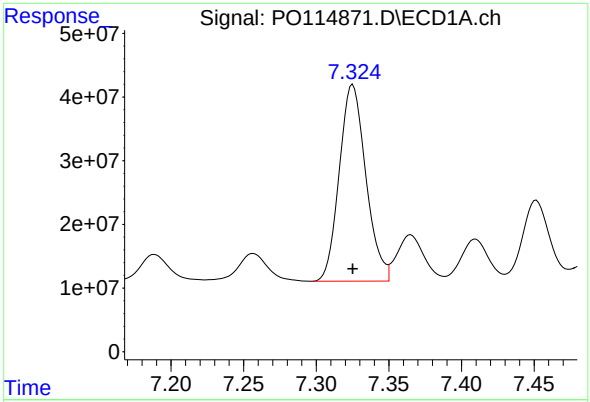
#31 AR-1260-1

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



#31 AR-1260-1

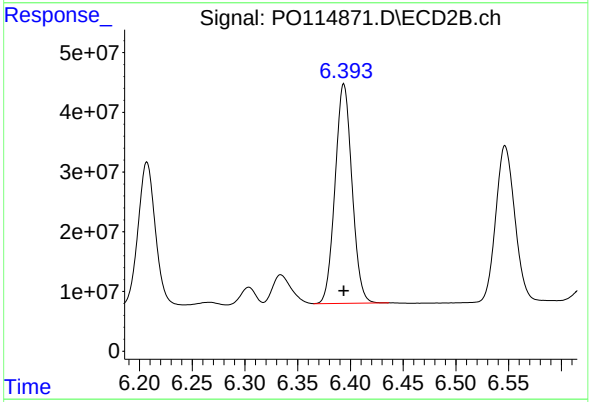
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 272865489
Conc: 948.41 ng/ml



#32 AR-1260-2

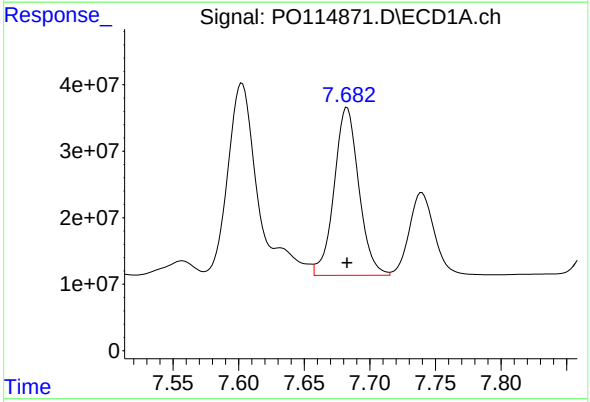
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 393658847
Conc: 974.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



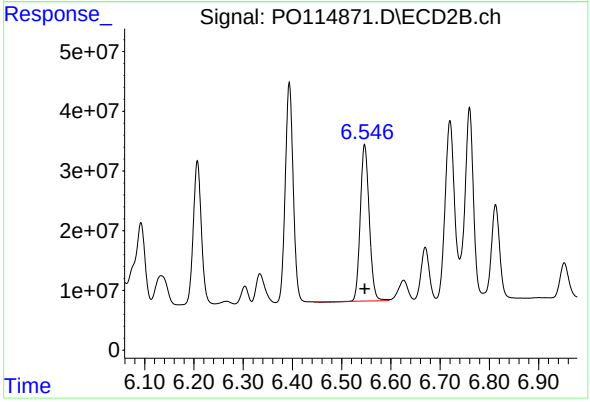
#32 AR-1260-2

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



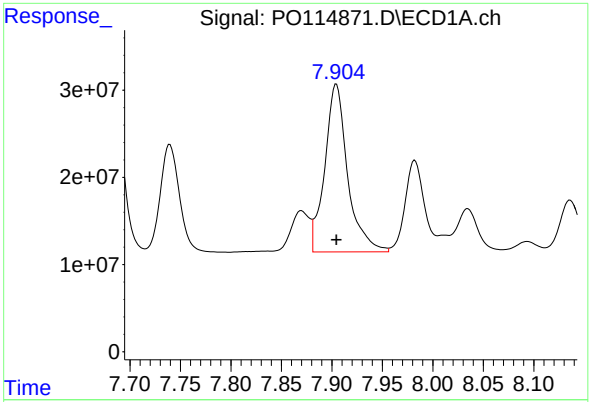
#33 AR-1260-3

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



#33 AR-1260-3

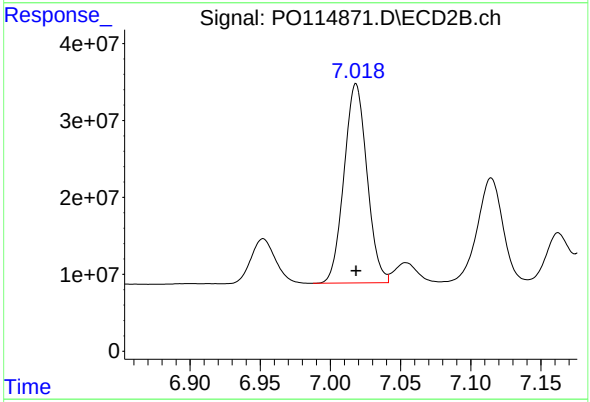
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 328919579
Conc: 951.84 ng/ml



#34 AR-1260-4

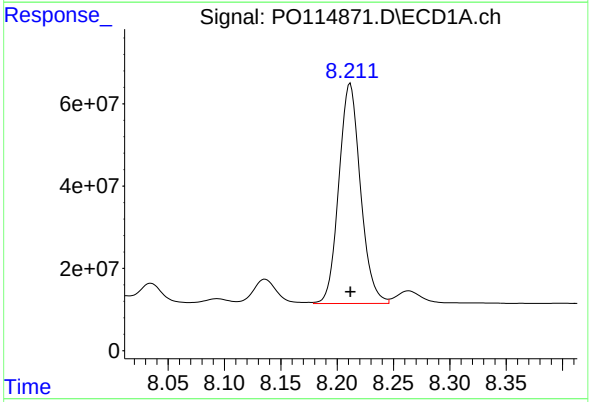
R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 303823322
Conc: 972.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



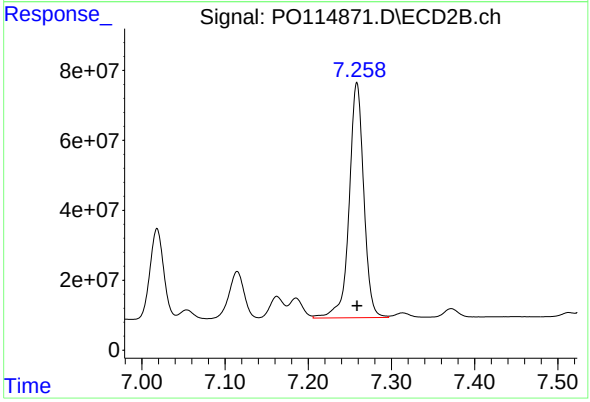
#34 AR-1260-4

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

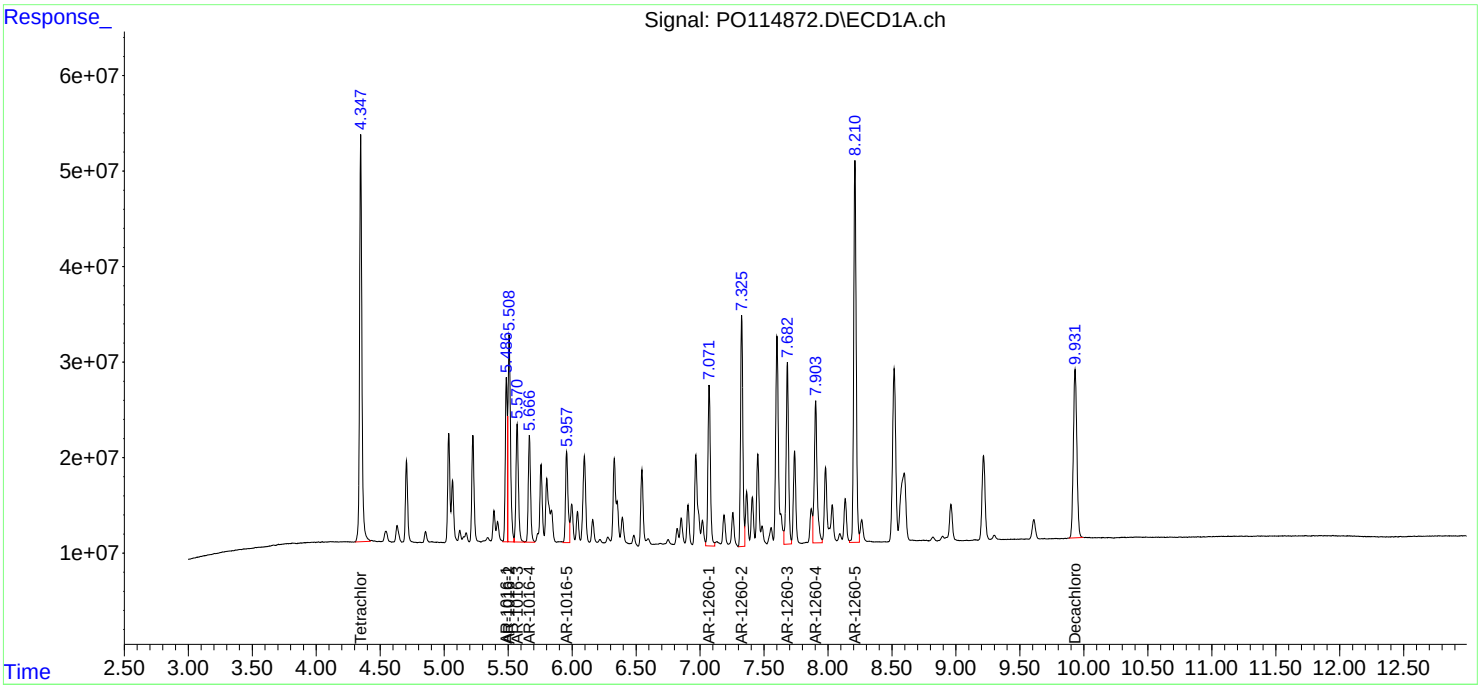
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

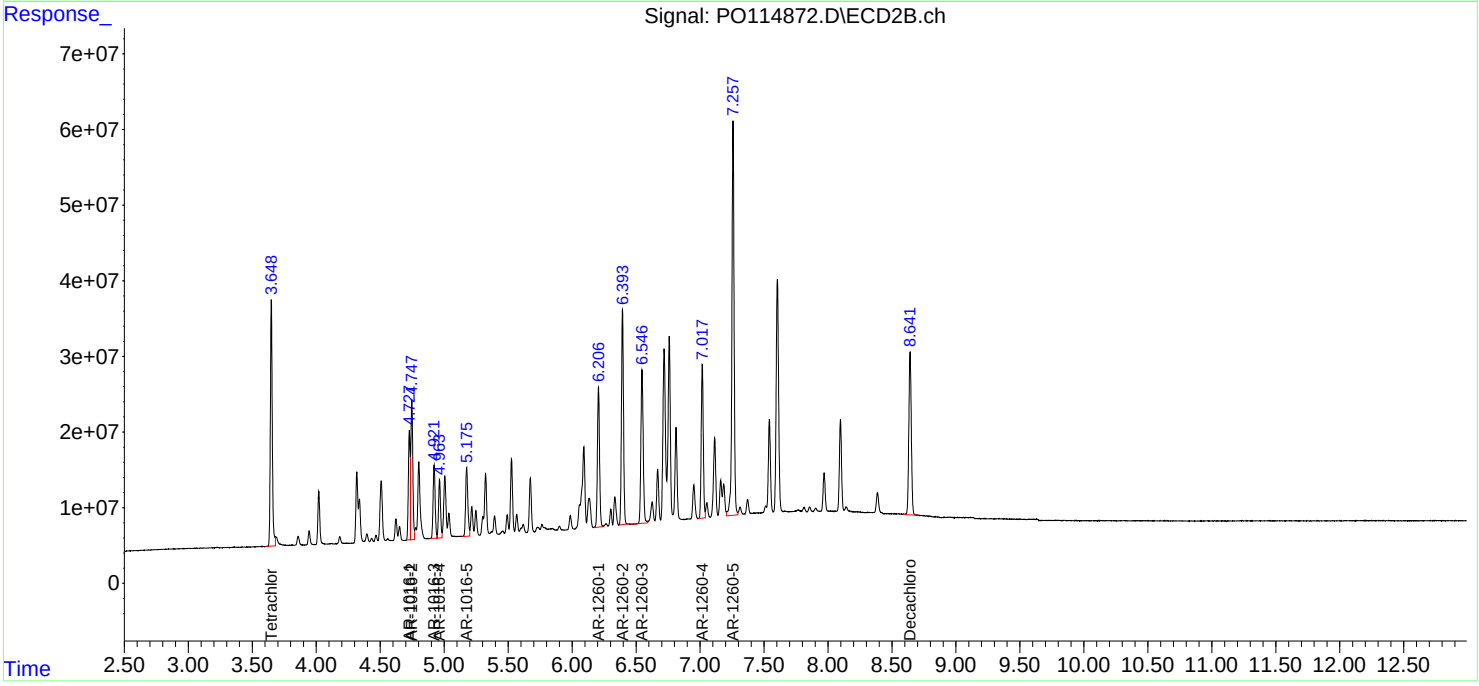
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:58
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

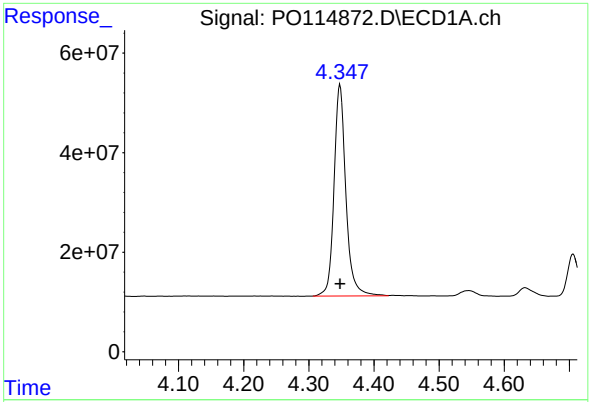
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

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



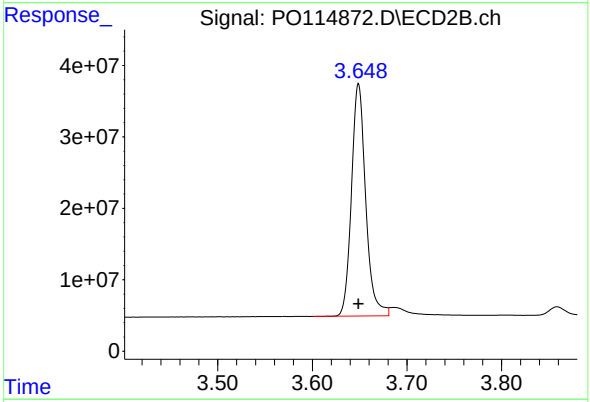




#1 Tetrachloro-m-xylene

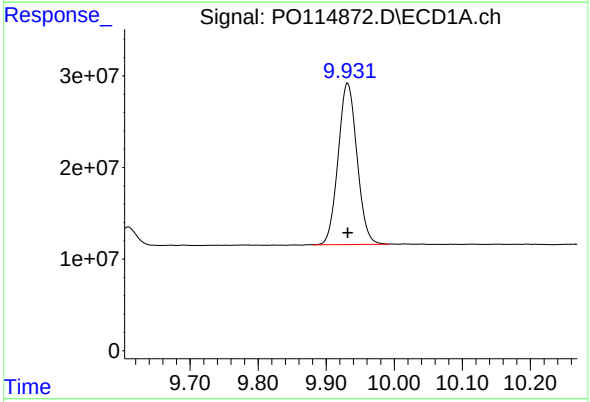
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 537208765
Conc: 74.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



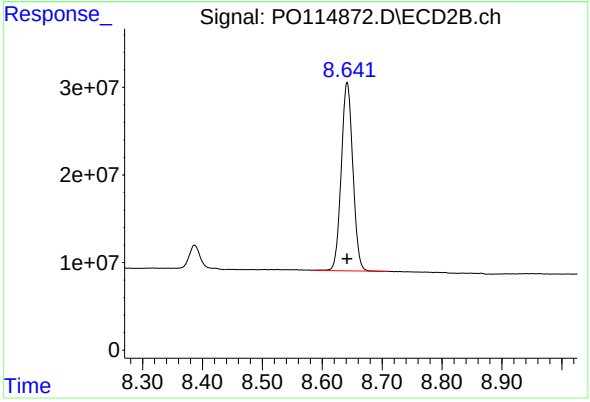
#1 Tetrachloro-m-xylene

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



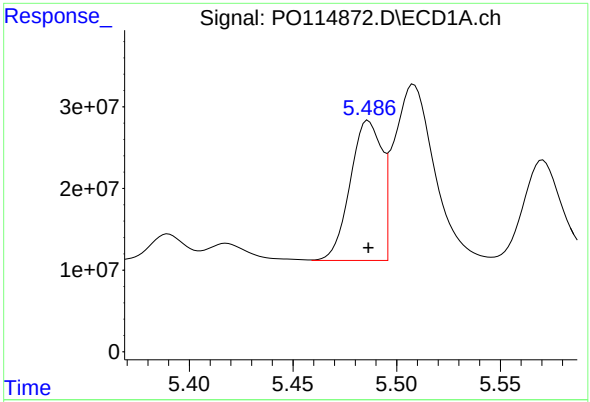
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

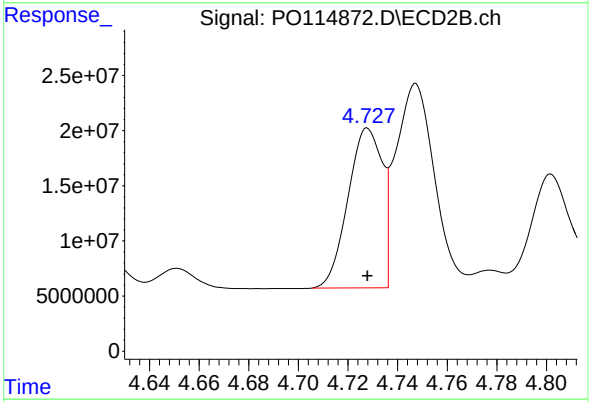
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 289683940
Conc: 74.39 ng/ml



#3 AR-1016-1

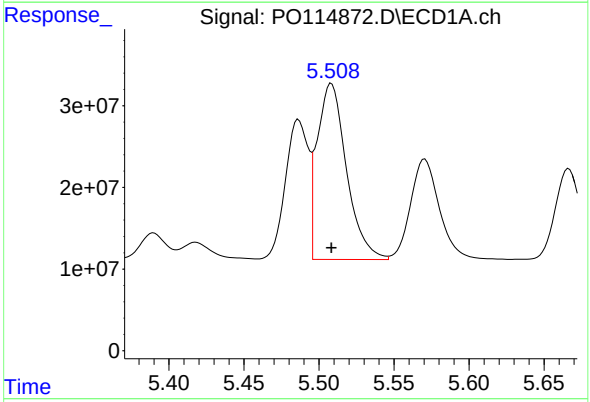
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 181803839
Conc: 747.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



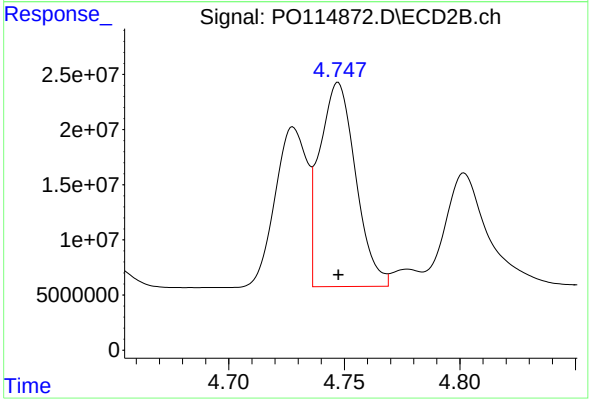
#3 AR-1016-1

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



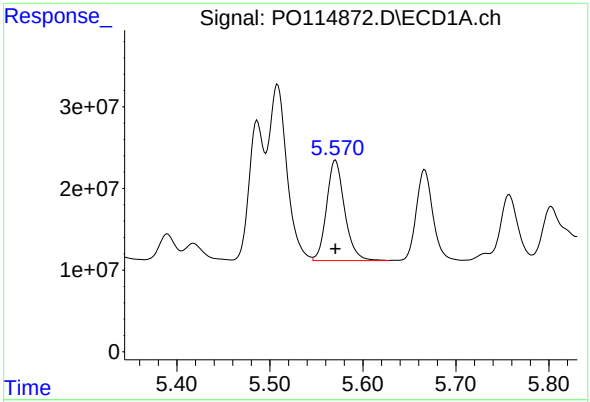
#4 AR-1016-2

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



#4 AR-1016-2

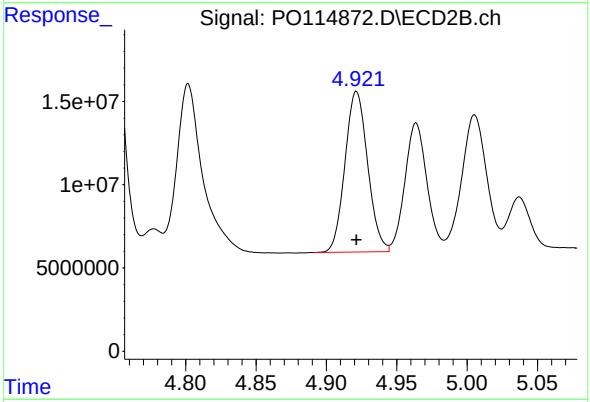
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 200576773
Conc: 746.73 ng/ml



#5 AR-1016-3

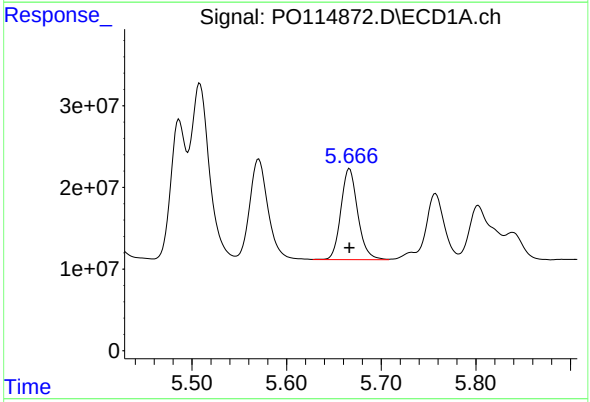
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 165608399
Conc: 745.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



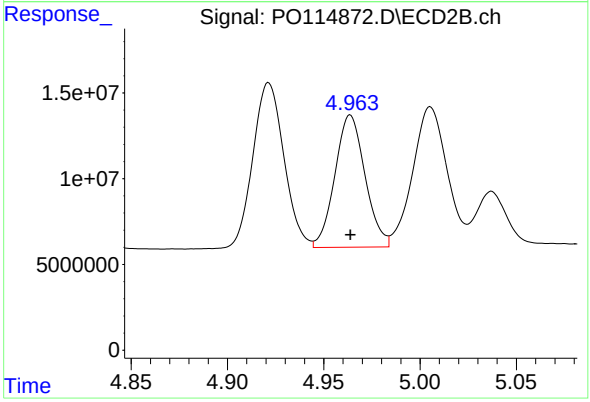
#5 AR-1016-3

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



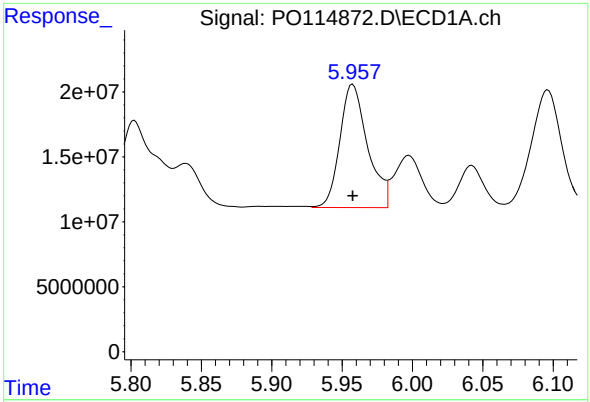
#6 AR-1016-4

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



#6 AR-1016-4

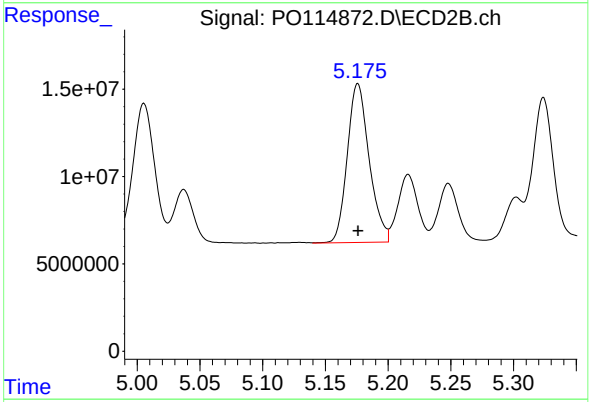
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 84016466
Conc: 744.93 ng/ml



#7 AR-1016-5

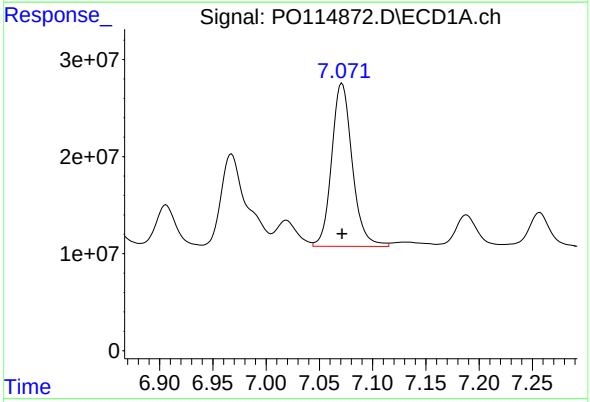
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 130207861
Conc: 751.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



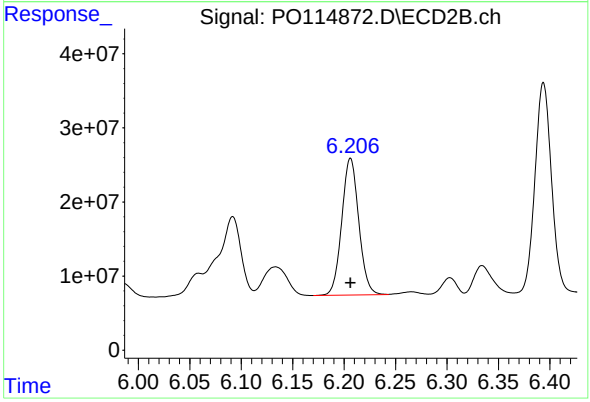
#7 AR-1016-5

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



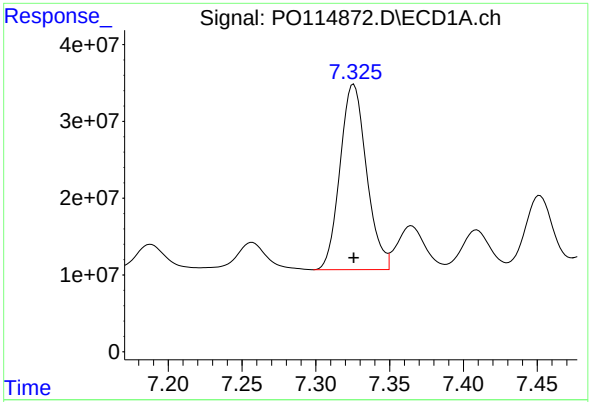
#31 AR-1260-1

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



#31 AR-1260-1

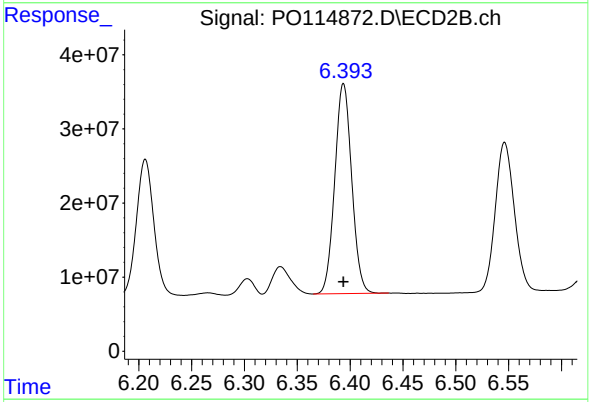
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 212772192
Conc: 743.00 ng/ml



#32 AR-1260-2

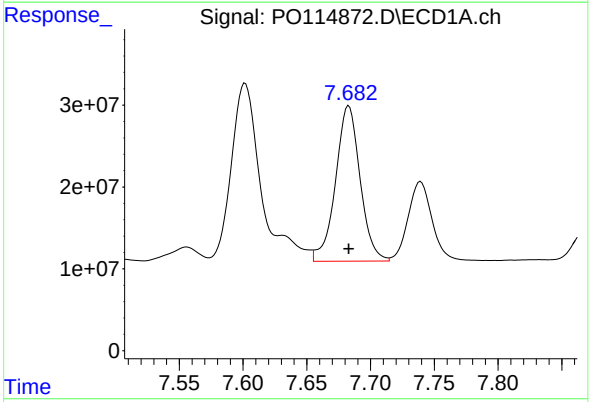
R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 301946382
Conc: 748.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



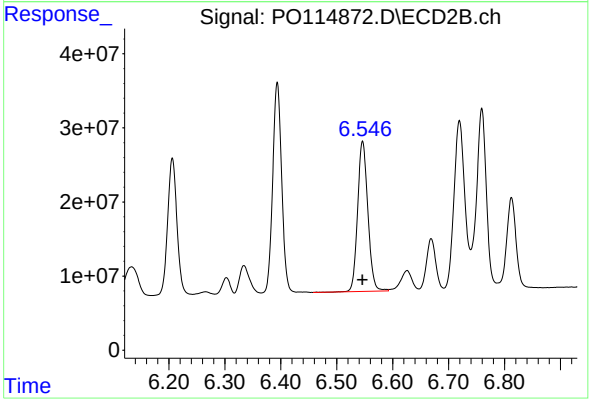
#32 AR-1260-2

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



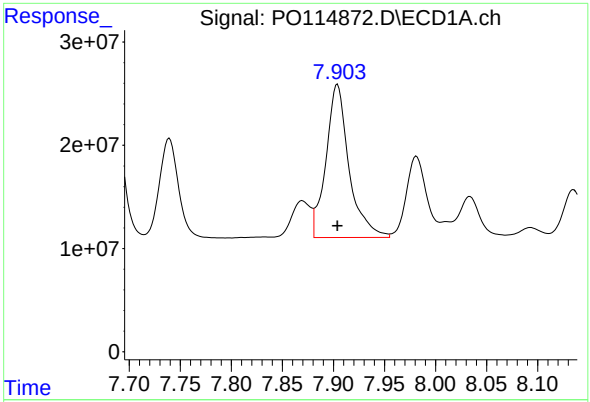
#33 AR-1260-3

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



#33 AR-1260-3

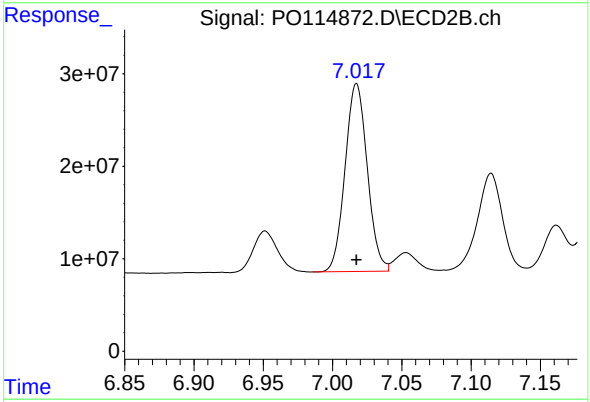
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 258353473
Conc: 748.42 ng/ml



#34 AR-1260-4

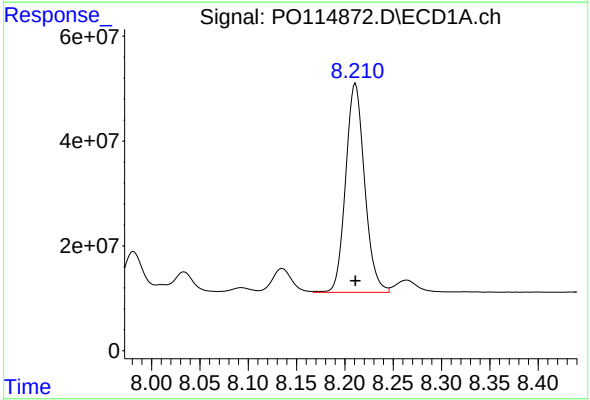
R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 232982148
Conc: 747.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



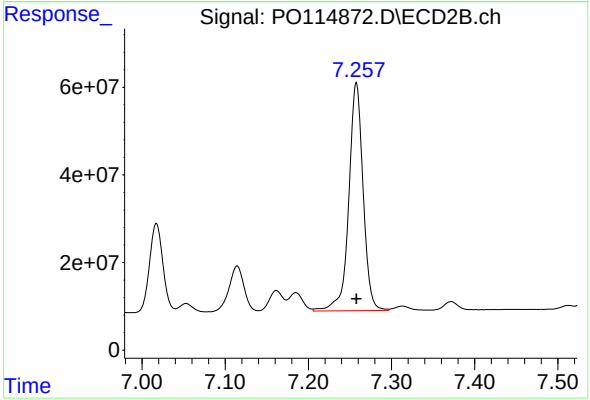
#34 AR-1260-4

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

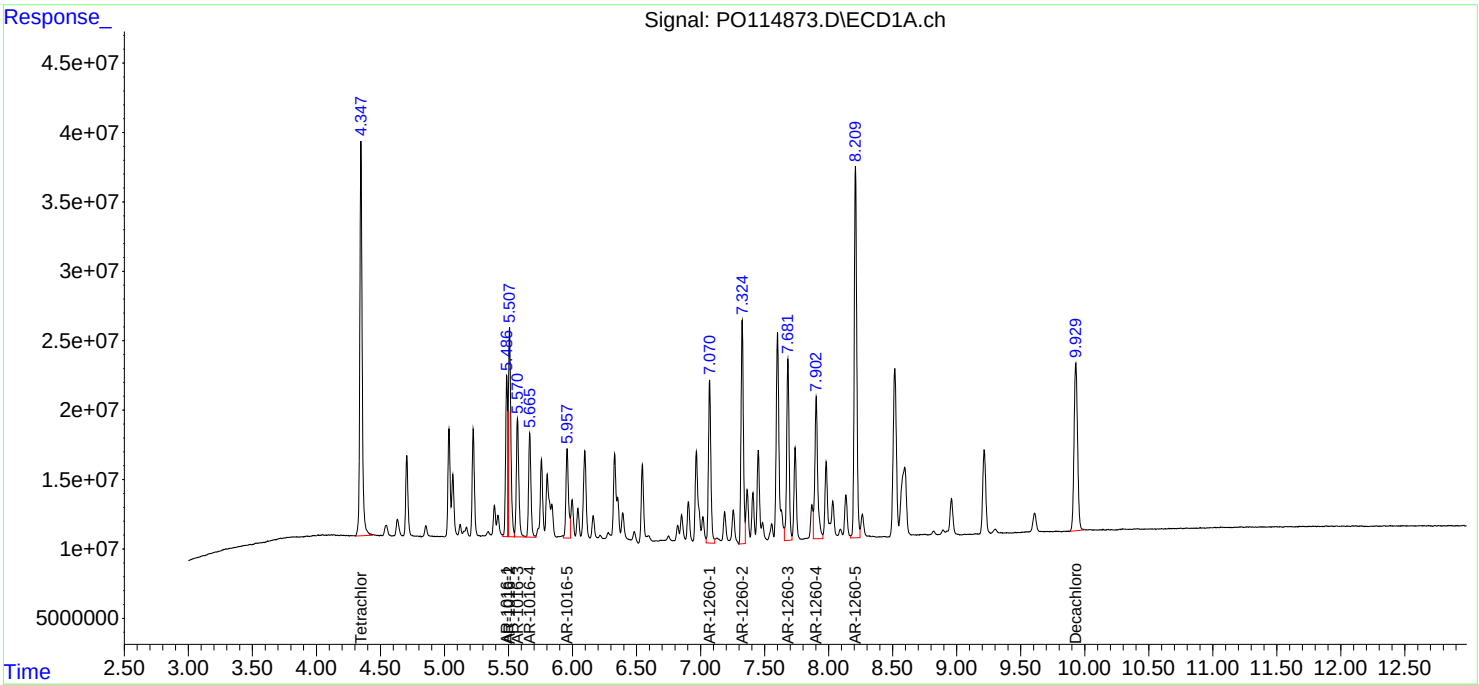
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

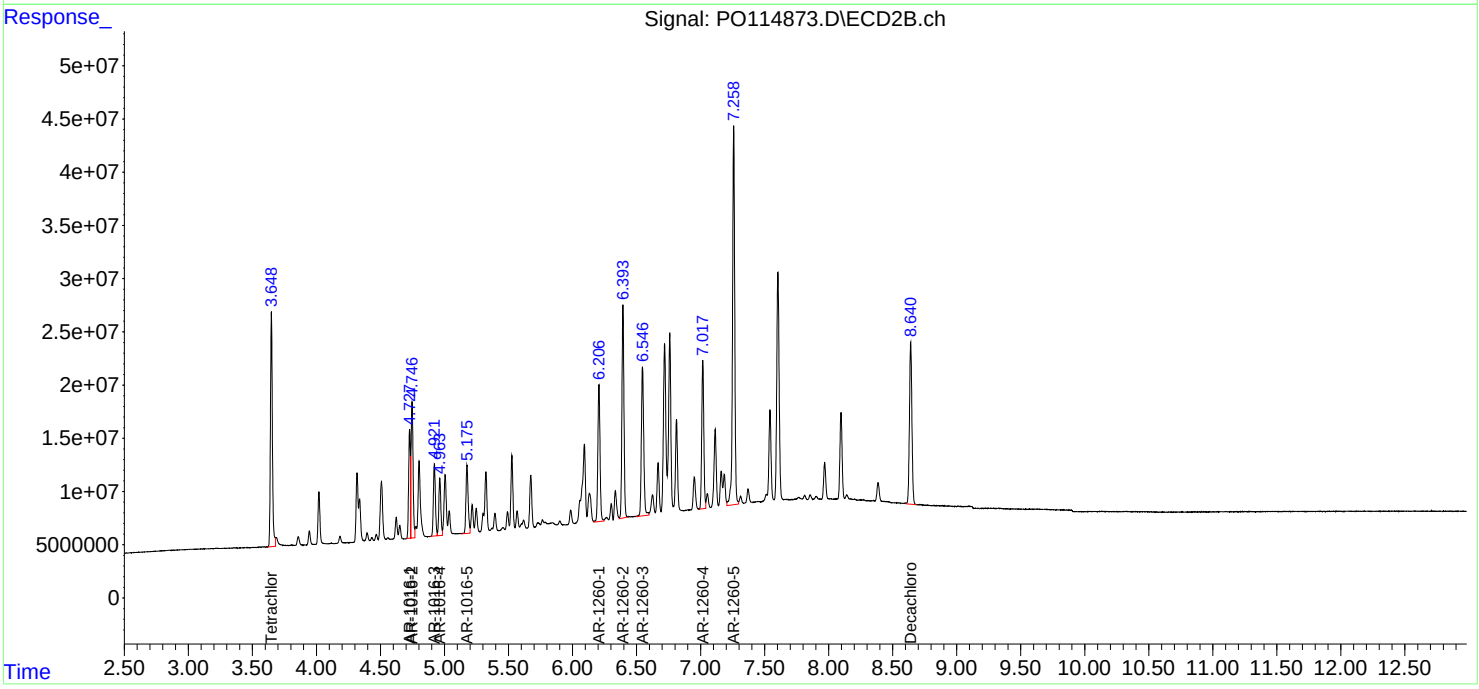
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114873.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 10:16
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

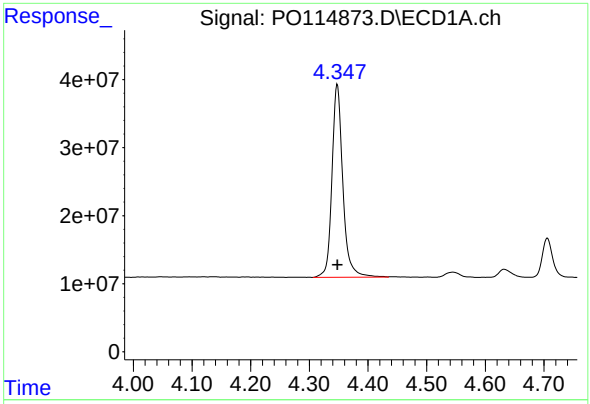
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

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



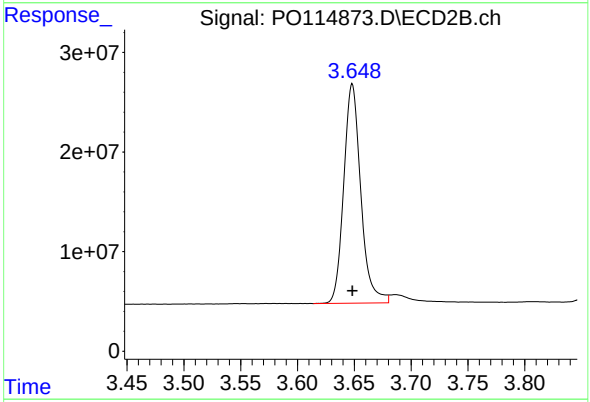




#1 Tetrachloro-m-xylene

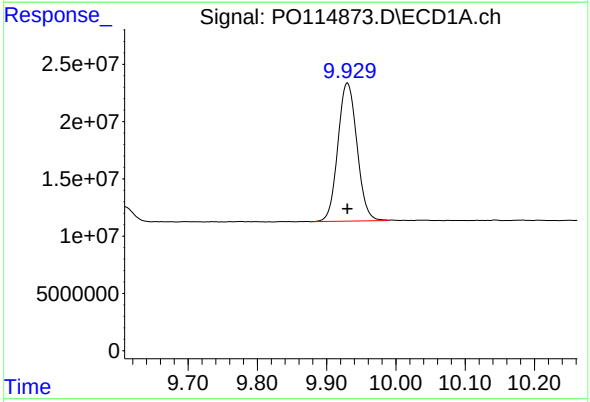
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 365386397
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



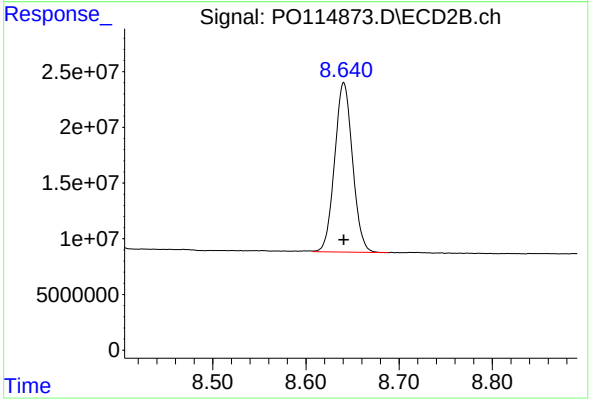
#1 Tetrachloro-m-xylene

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



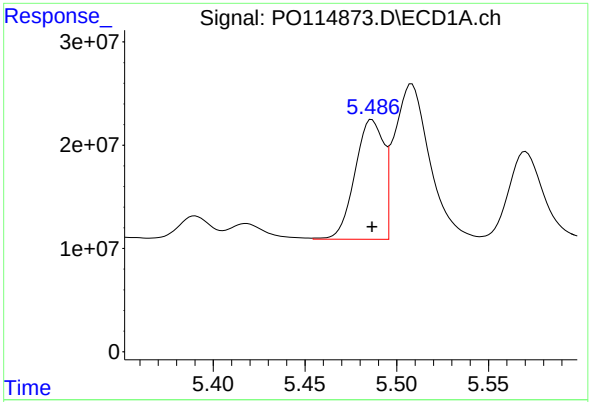
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

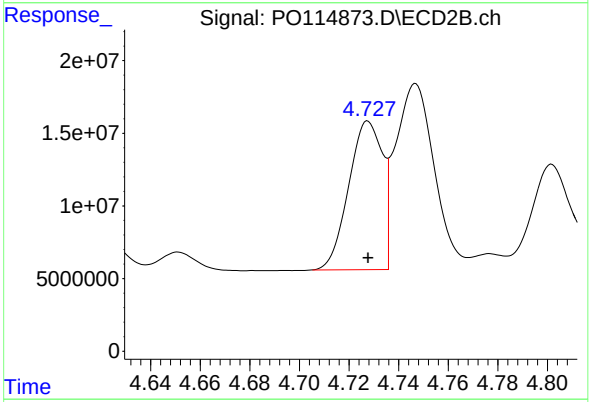
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 202581766
Conc: 50.00 ng/ml



#3 AR-1016-1

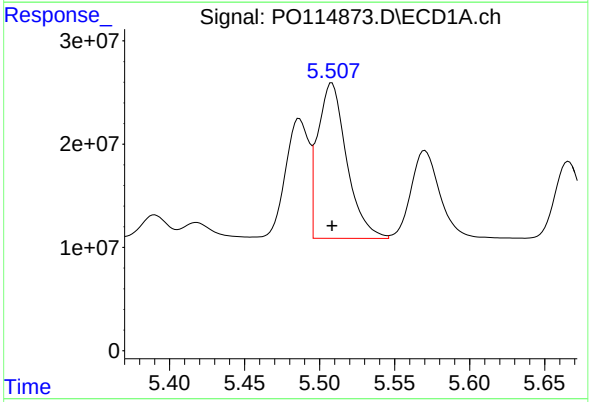
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 126150306
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



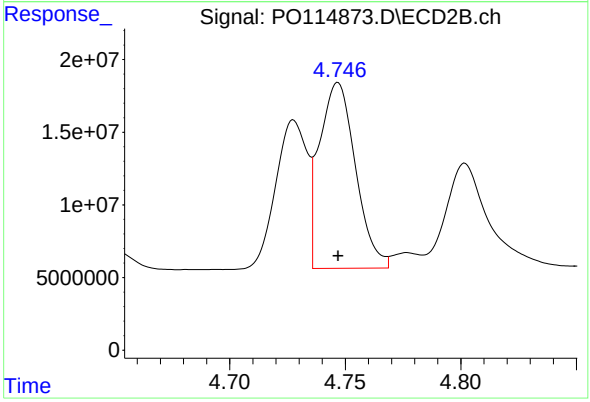
#3 AR-1016-1

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



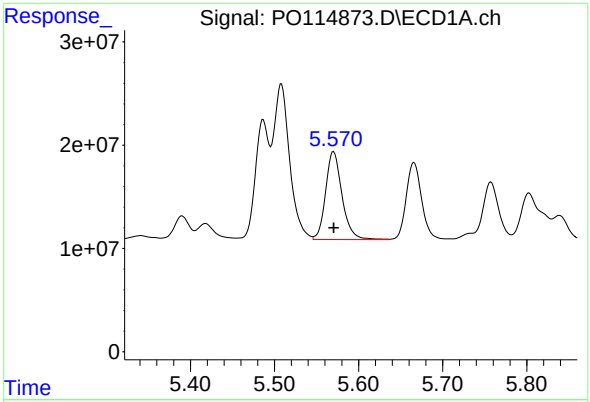
#4 AR-1016-2

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



#4 AR-1016-2

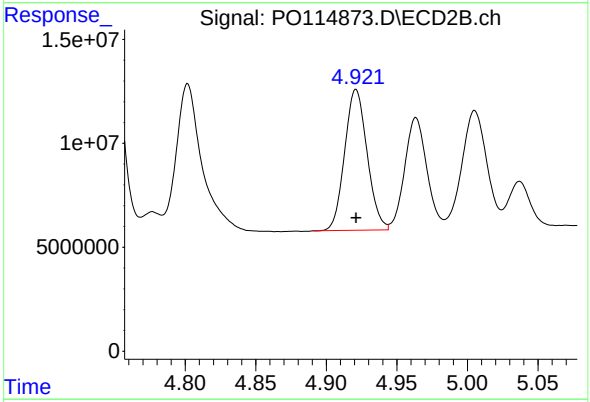
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 138796584
Conc: 500.00 ng/ml



#5 AR-1016-3

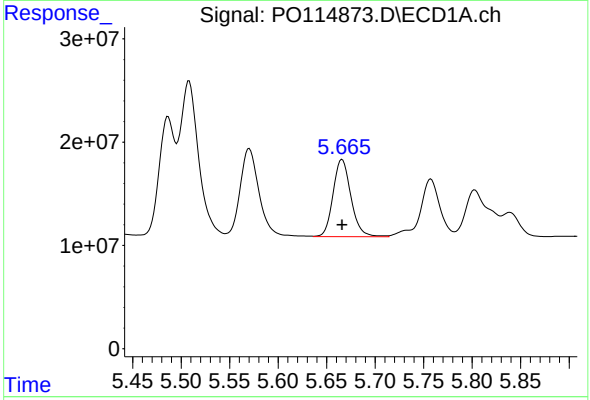
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 115255165
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



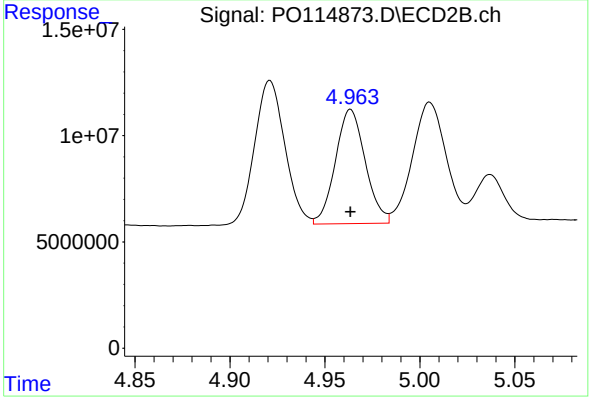
#5 AR-1016-3

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



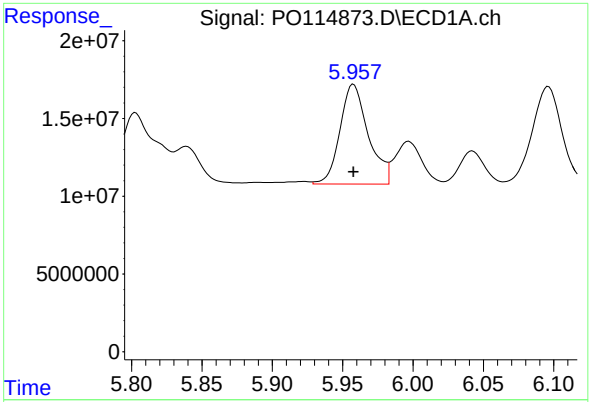
#6 AR-1016-4

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



#6 AR-1016-4

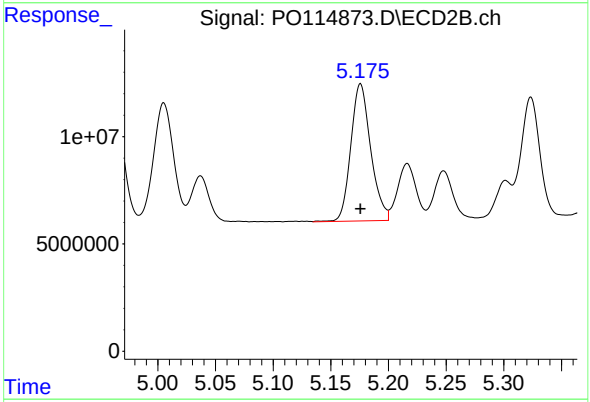
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 58860841
Conc: 500.00 ng/ml



#7 AR-1016-5

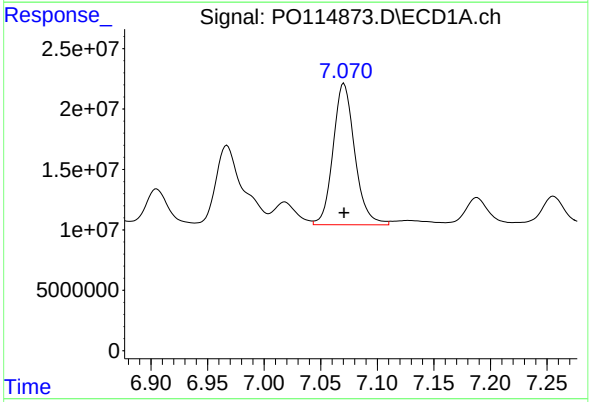
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 89793587
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



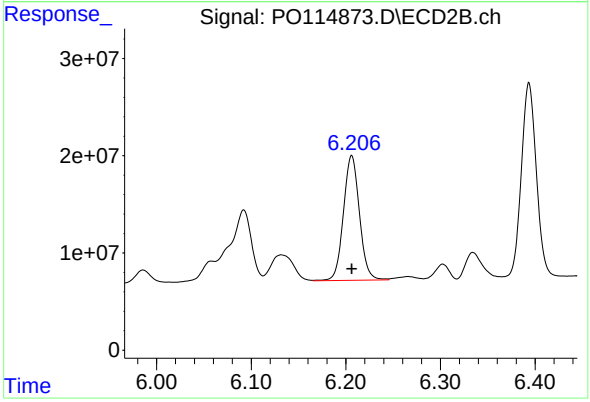
#7 AR-1016-5

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



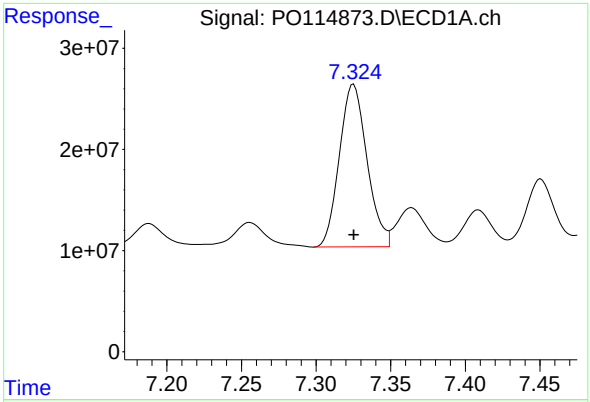
#31 AR-1260-1

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



#31 AR-1260-1

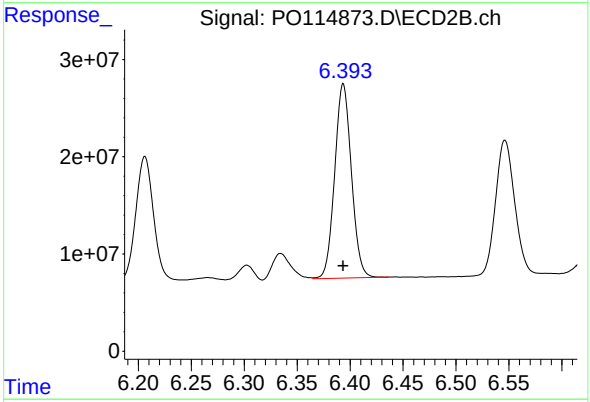
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 151274833
Conc: 500.00 ng/ml



#32 AR-1260-2

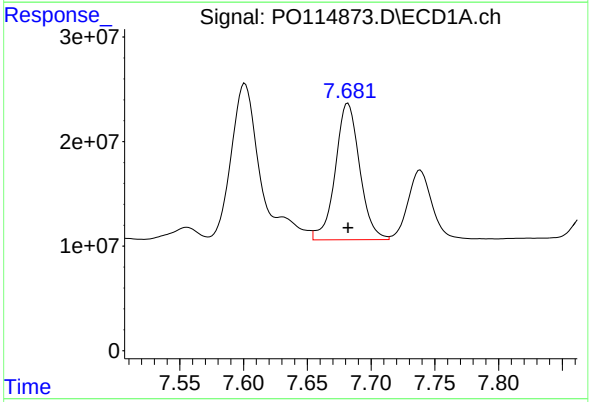
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 207176093
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



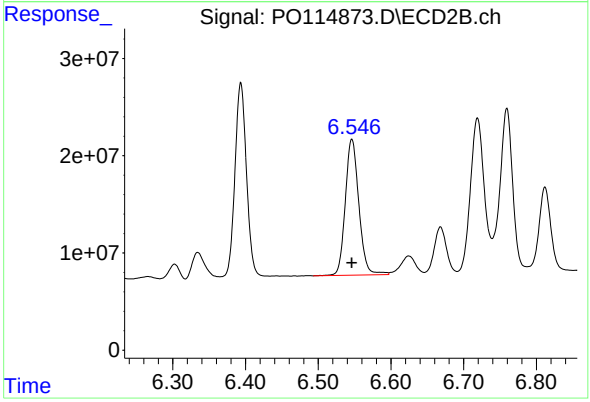
#32 AR-1260-2

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



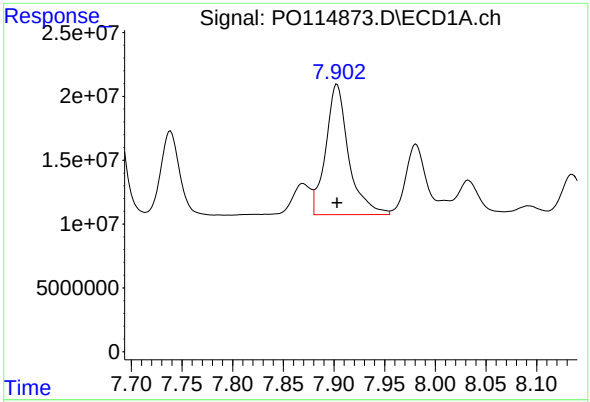
#33 AR-1260-3

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



#33 AR-1260-3

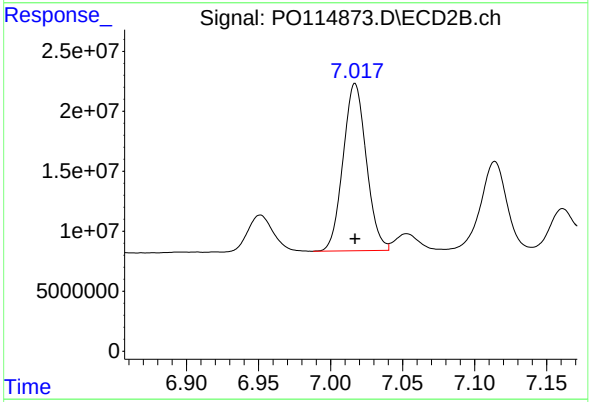
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 181103203
Conc: 500.00 ng/ml



#34 AR-1260-4

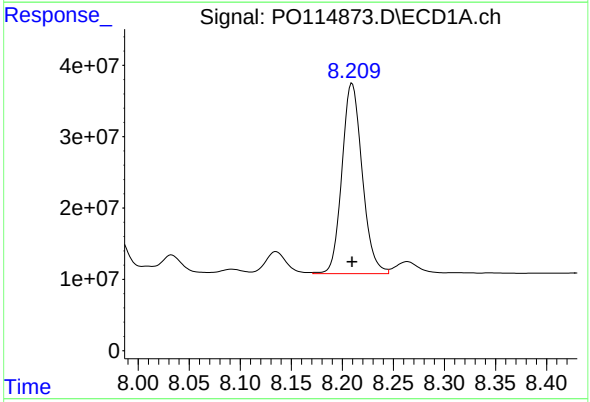
R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 160563236
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



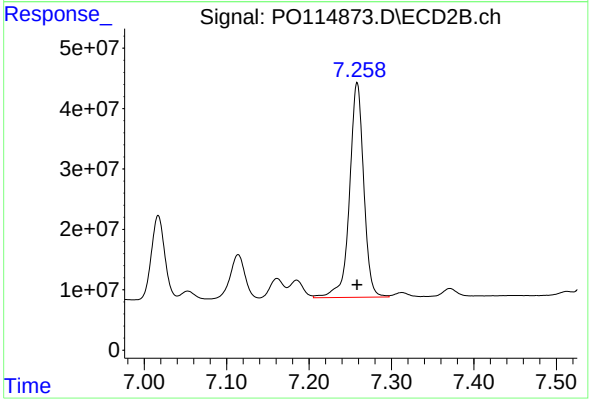
#34 AR-1260-4

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

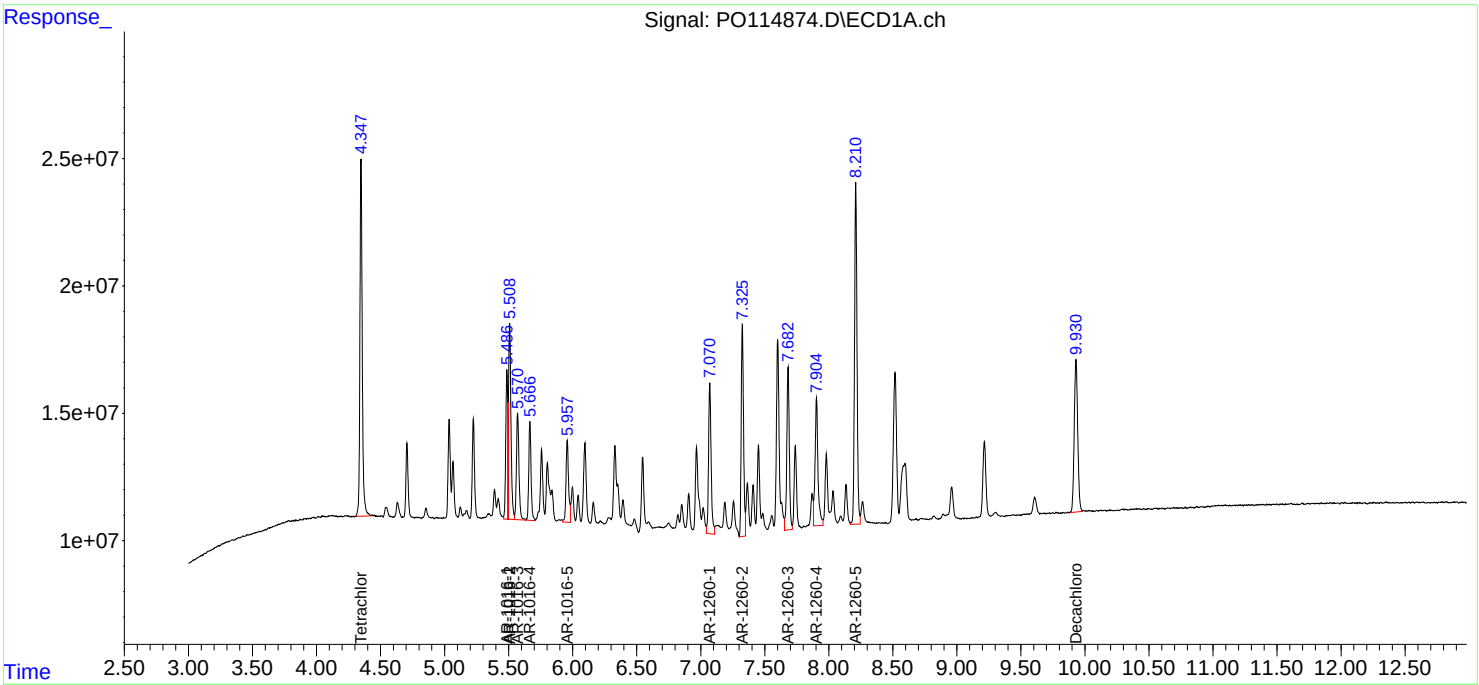
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

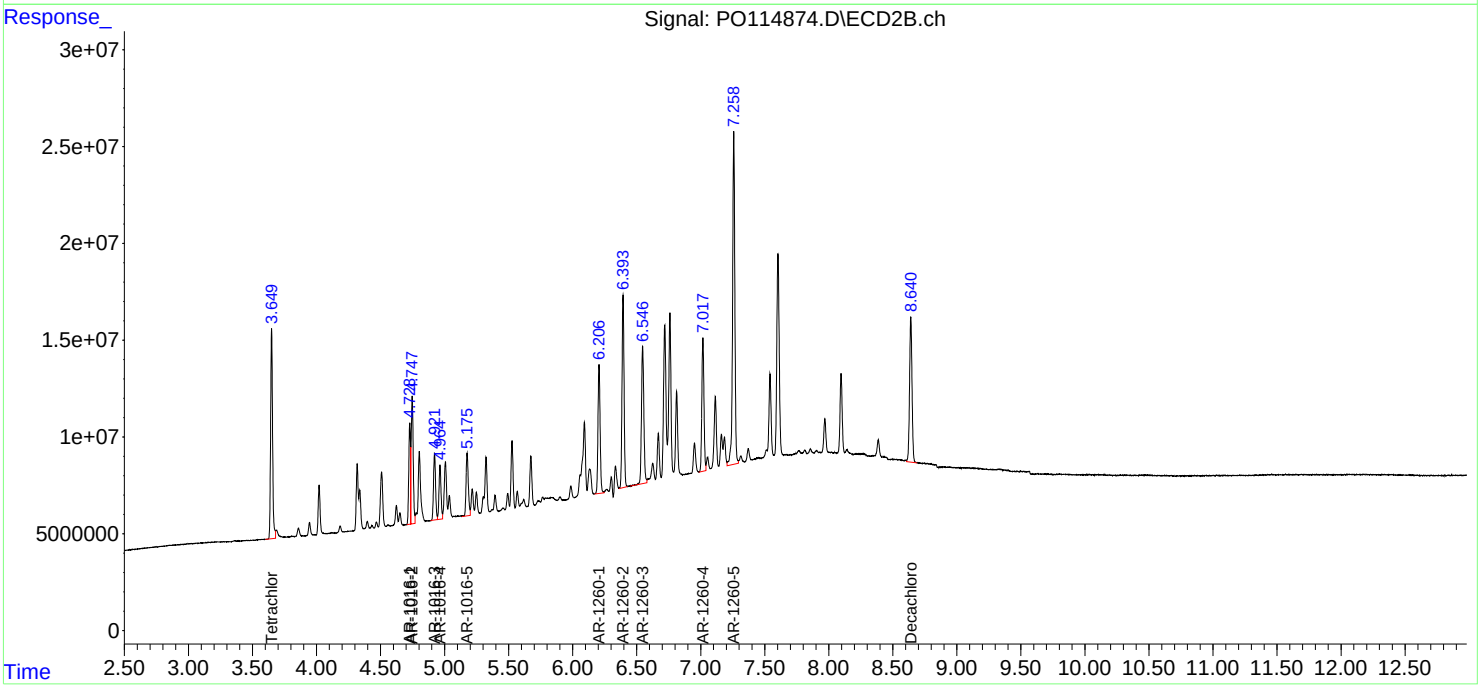
Manual Integrations APPROVED

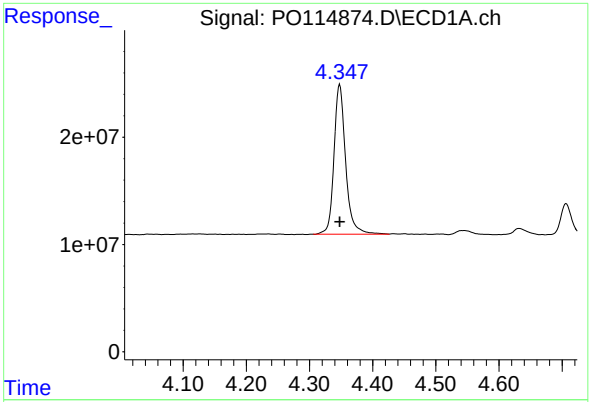
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

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







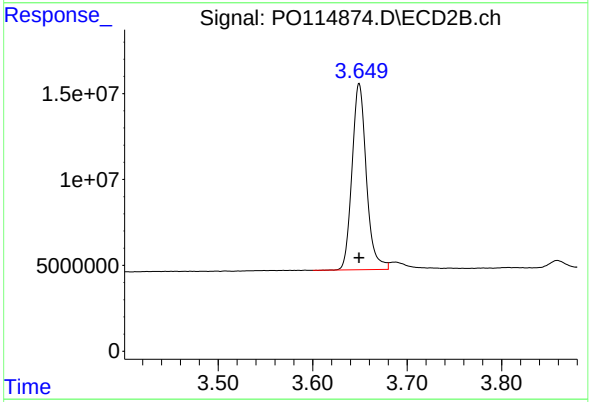
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

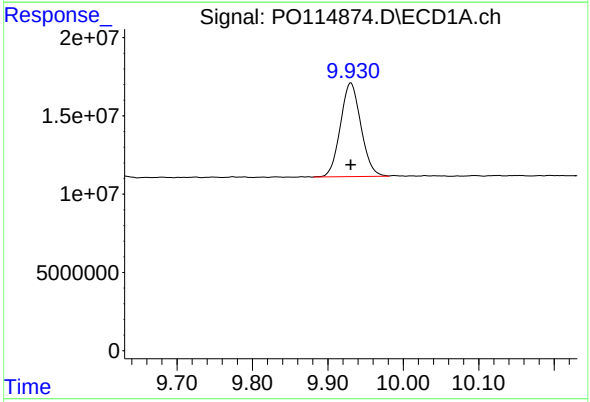
Manual Integrations APPROVED

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



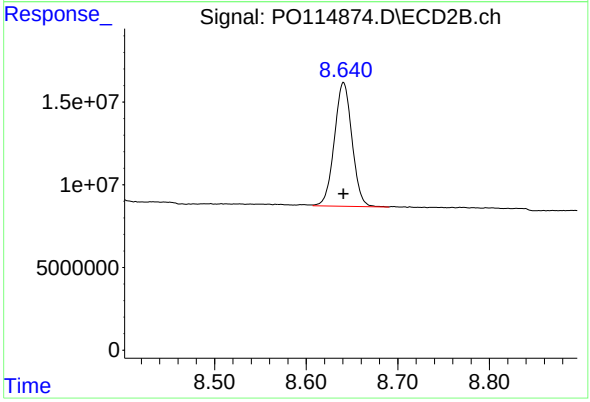
#1 Tetrachloro-m-xylene

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



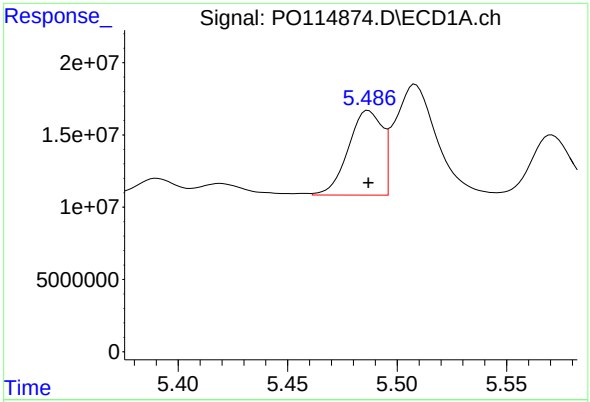
#2 Decachlorobiphenyl

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



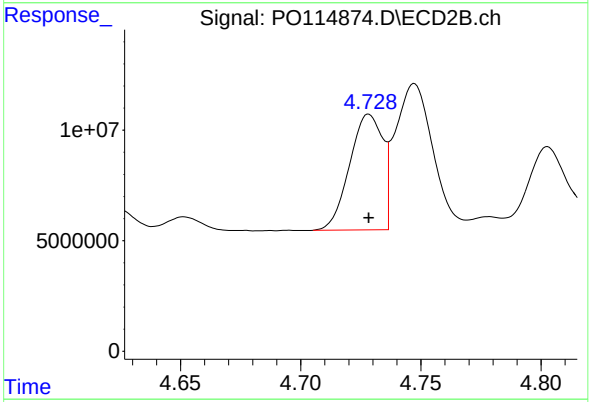
#3 AR-1016-1

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

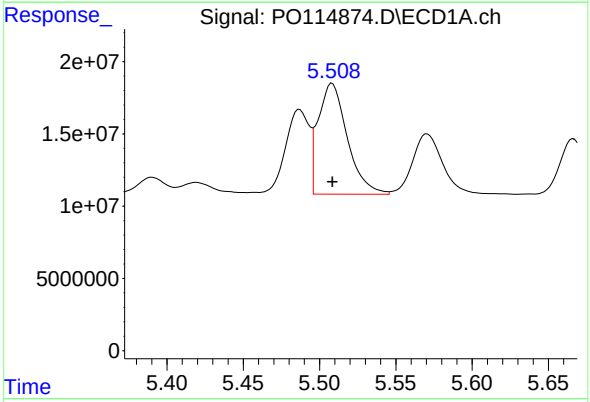
Manual Integrations APPROVED

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



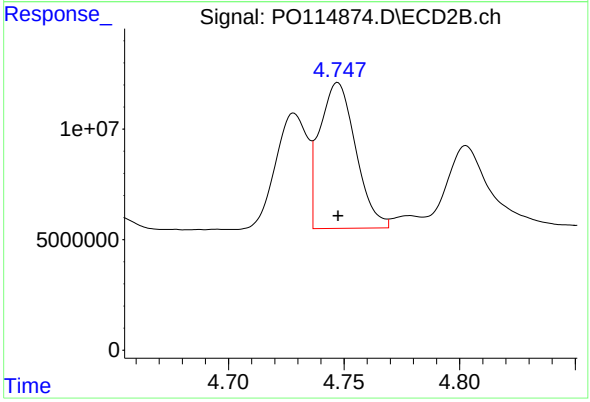
#3 AR-1016-1

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



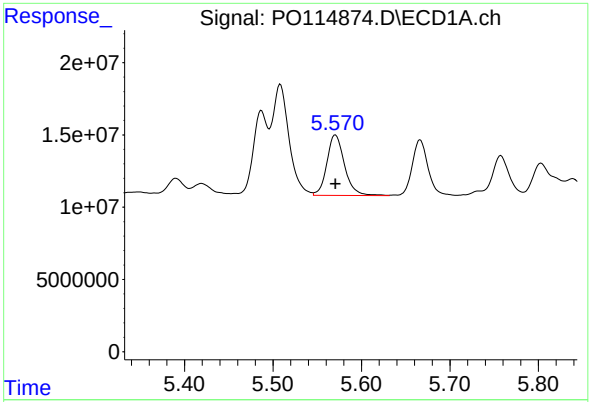
#4 AR-1016-2

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



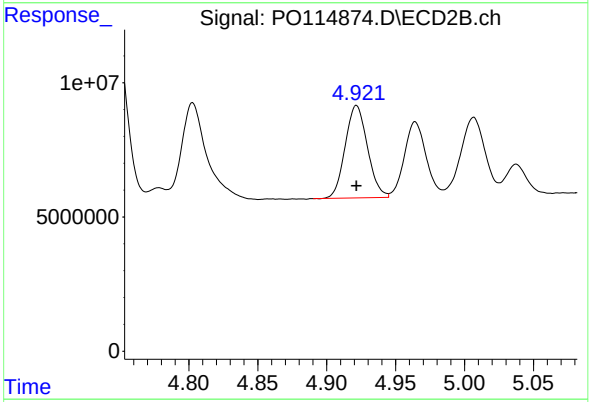
#5 AR-1016-3

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

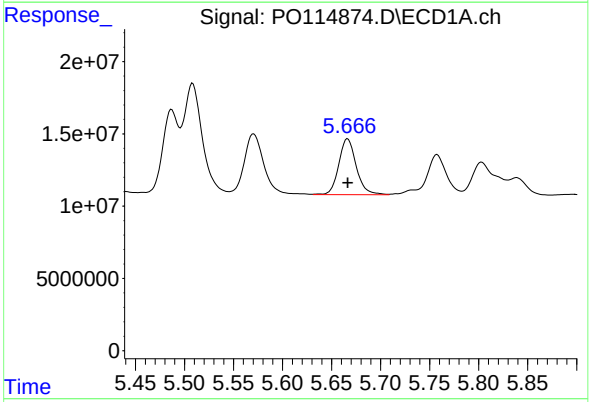
Manual Integrations APPROVED

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



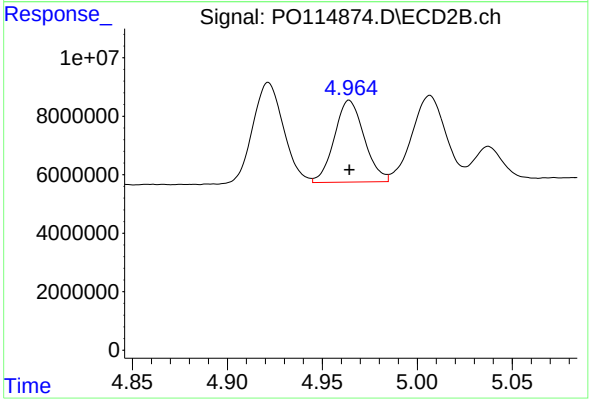
#5 AR-1016-3

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



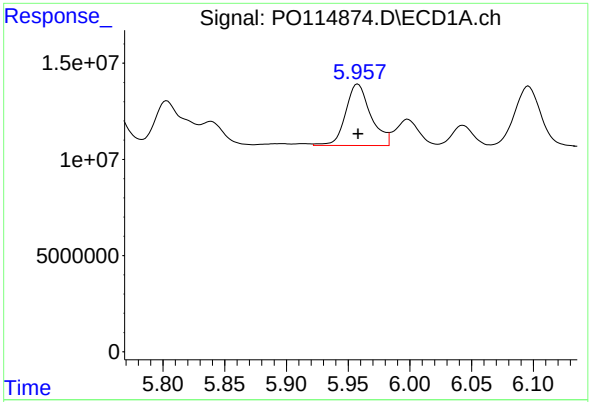
#6 AR-1016-4

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



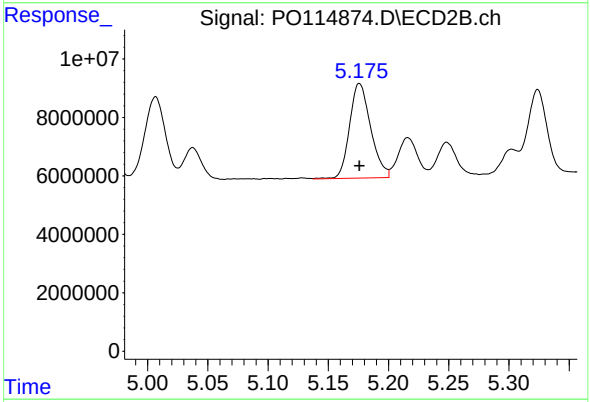
#7 AR-1016-5

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

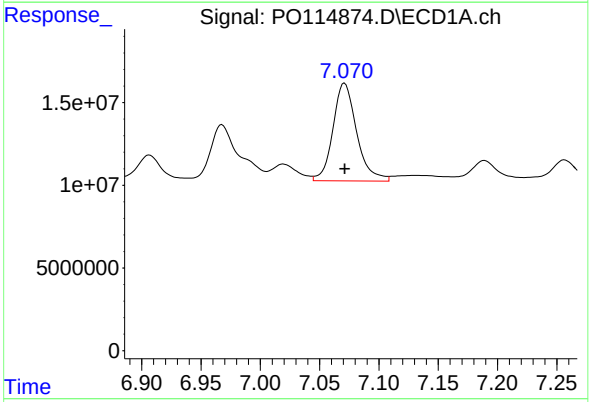
Manual Integrations APPROVED

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



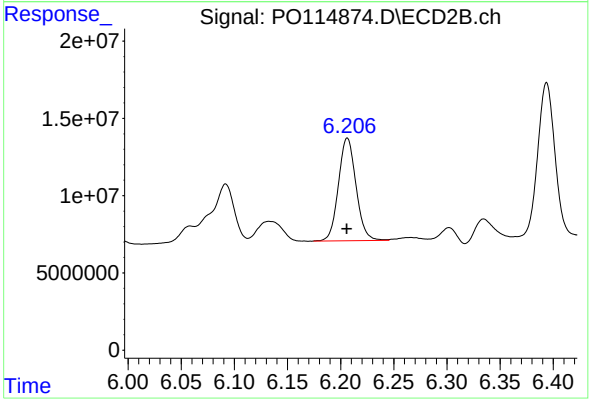
#7 AR-1016-5

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



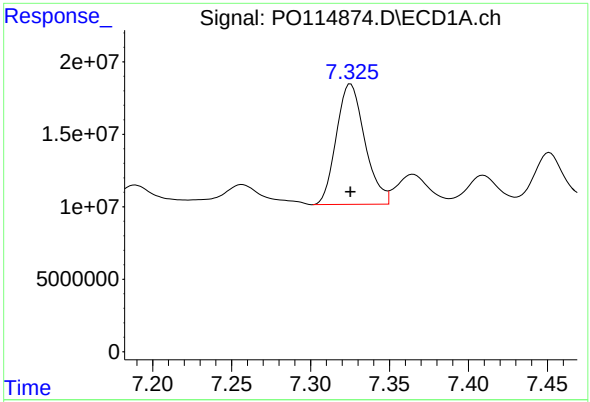
#31 AR-1260-1

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



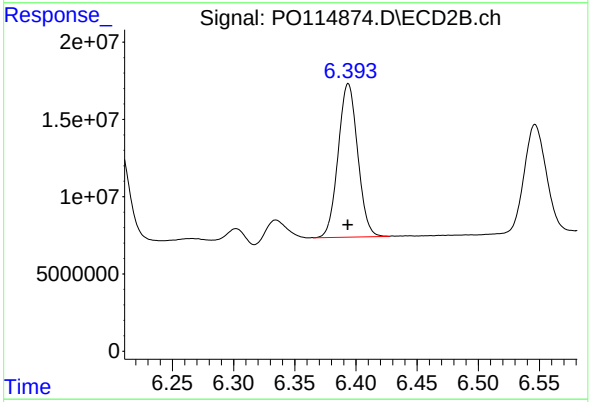
#32 AR-1260-2

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

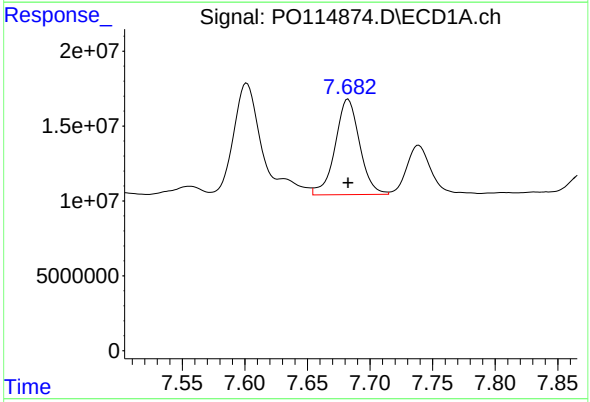
Manual Integrations APPROVED

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



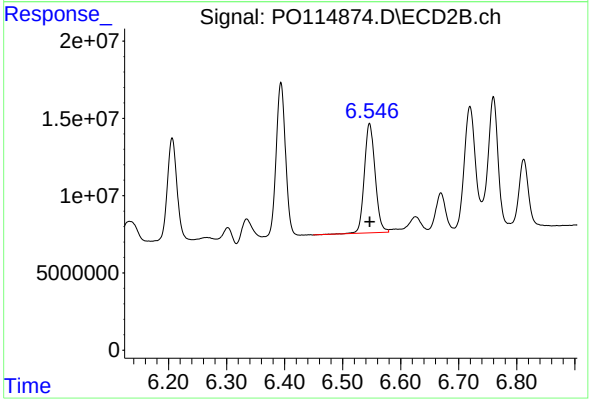
#32 AR-1260-2

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



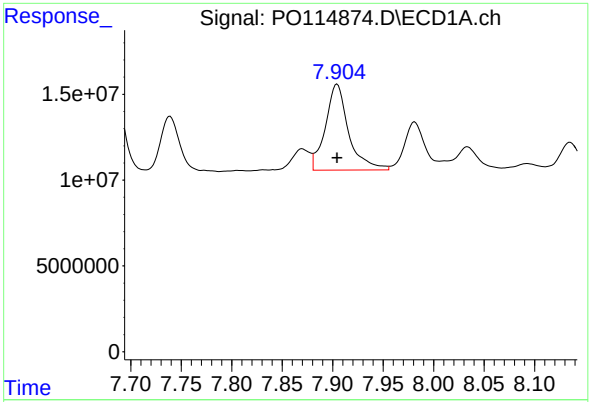
#33 AR-1260-3

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



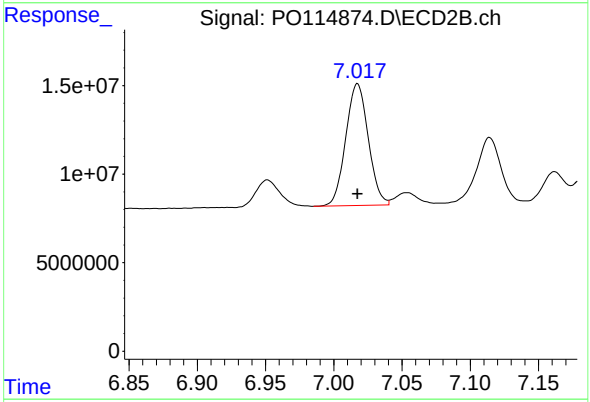
#34 AR-1260-4

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 80376848
Conc: 255.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

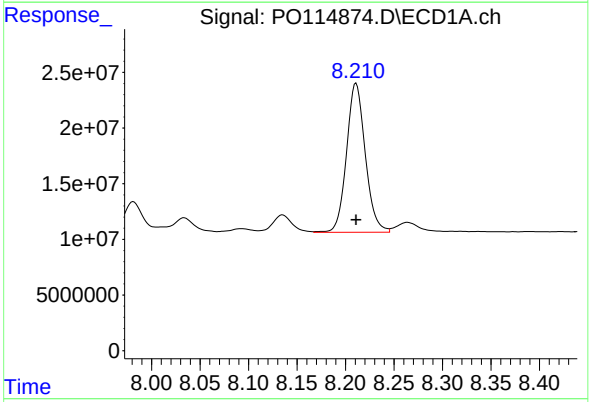
Manual Integrations APPROVED

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



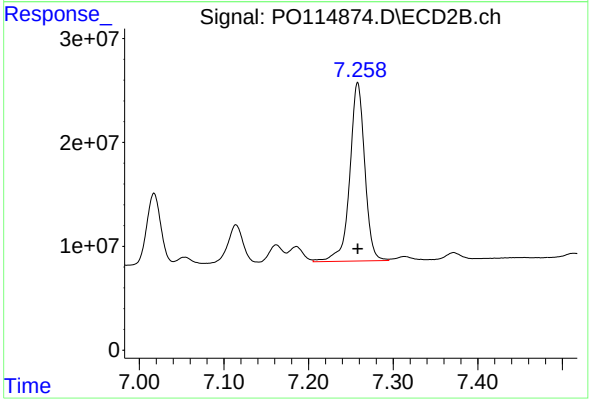
#34 AR-1260-4

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

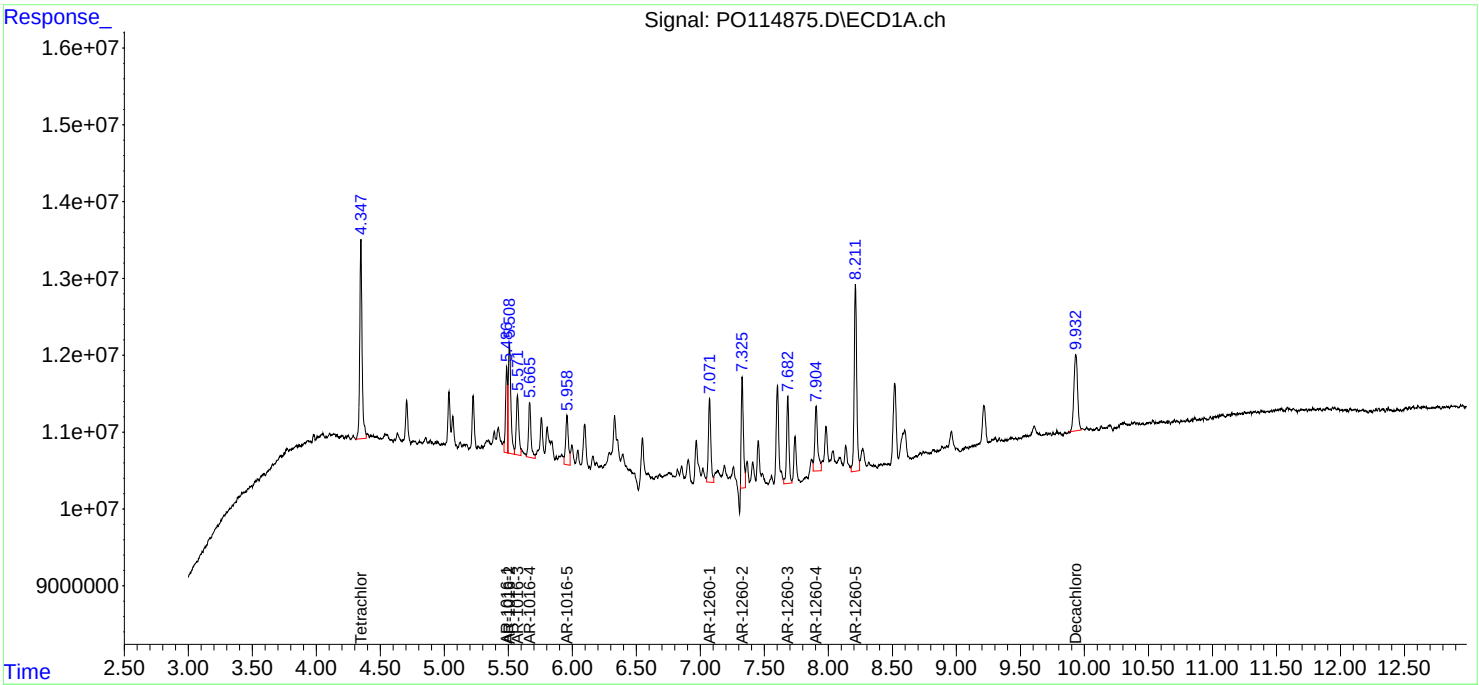
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

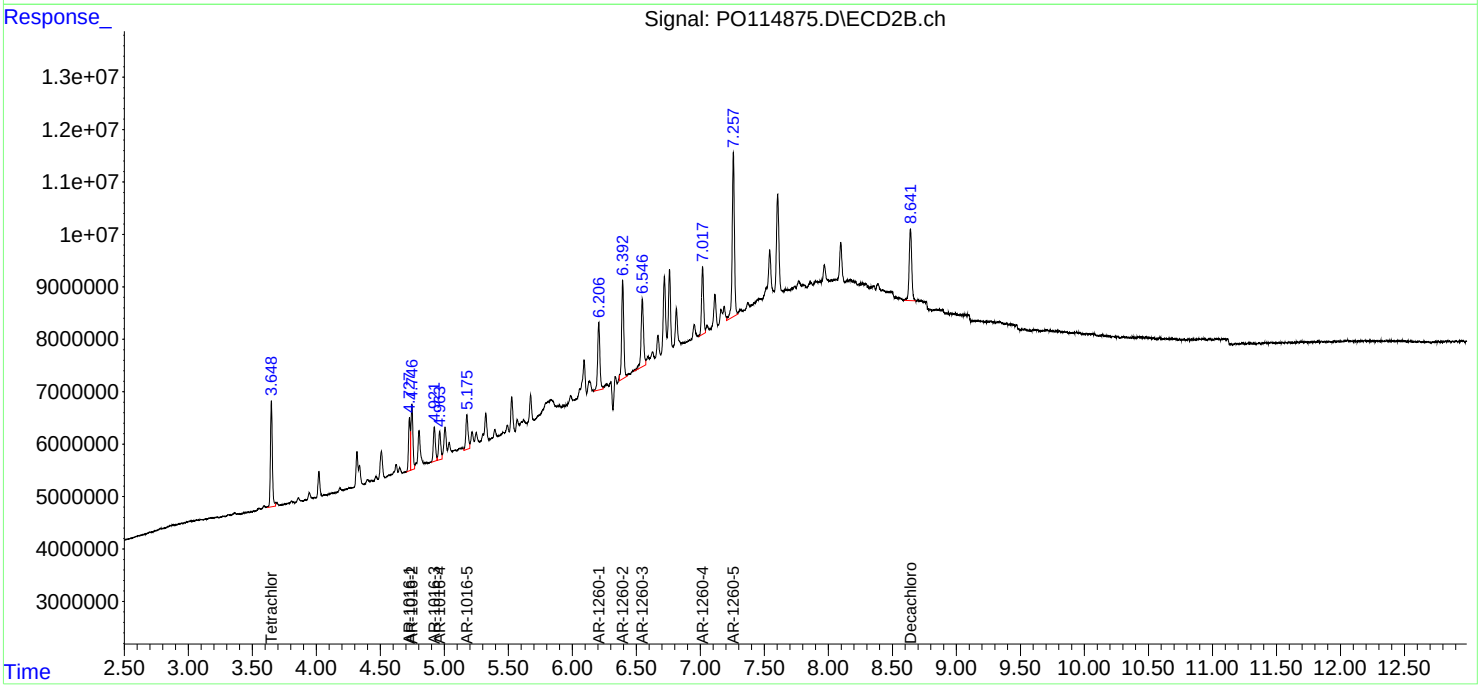
Manual Integrations APPROVED

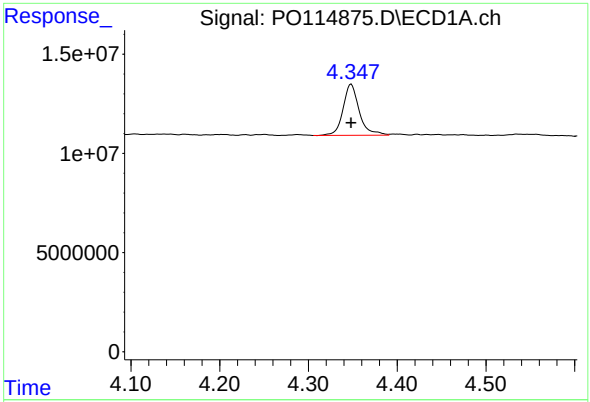
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

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







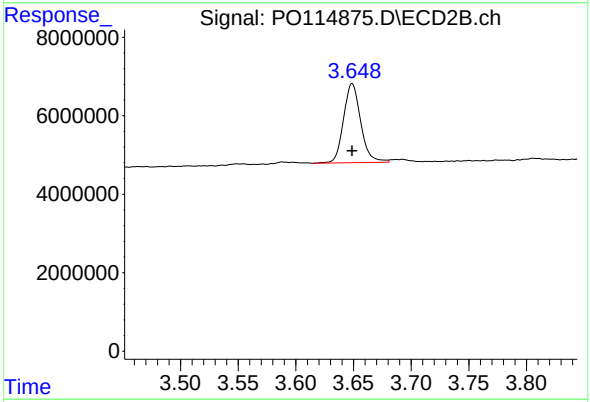
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 32718093
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

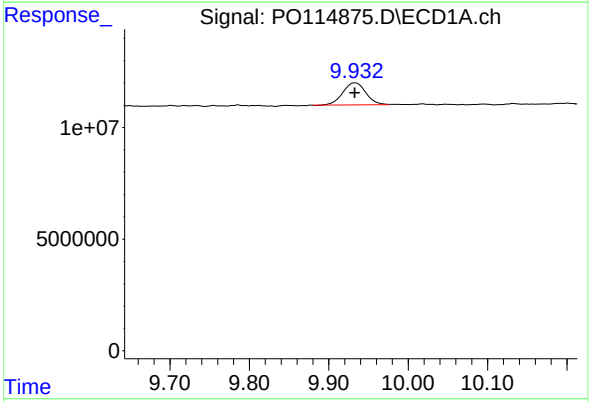
Manual Integrations APPROVED

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



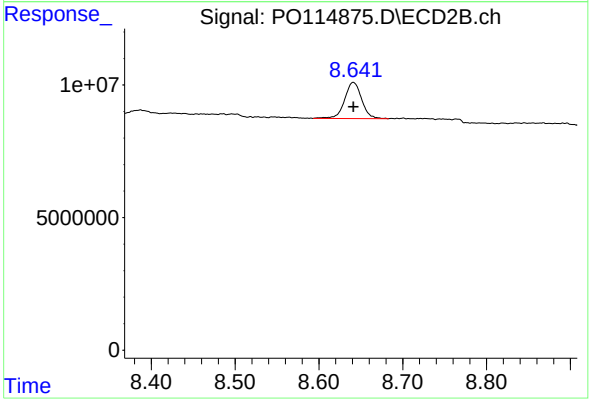
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 20863393
Conc: 4.67 ng/ml



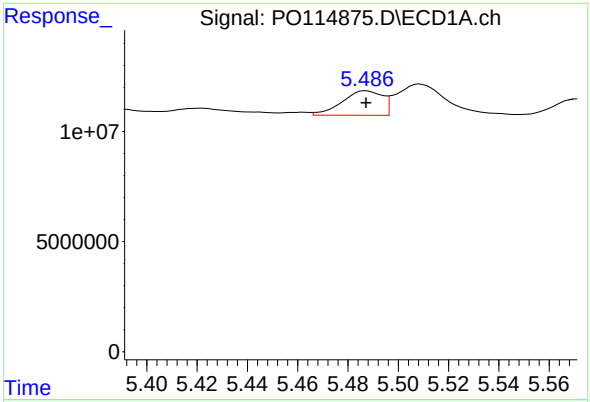
#2 Decachlorobiphenyl

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



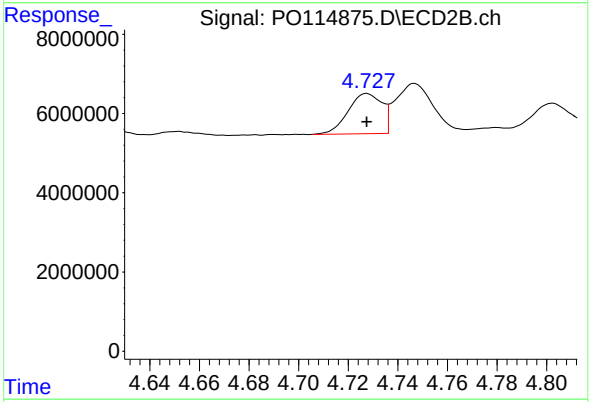
#3 AR-1016-1

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 12394002
Conc: 50.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

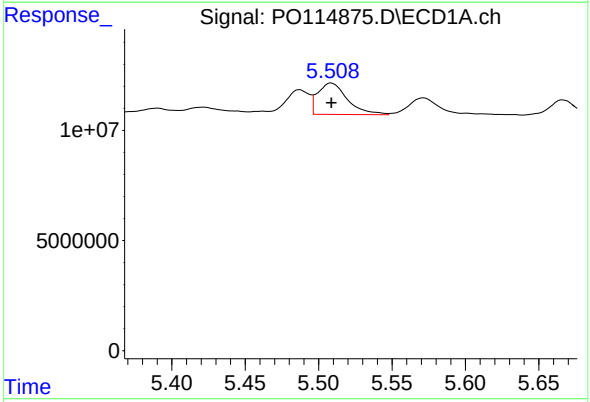
Manual Integrations APPROVED

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



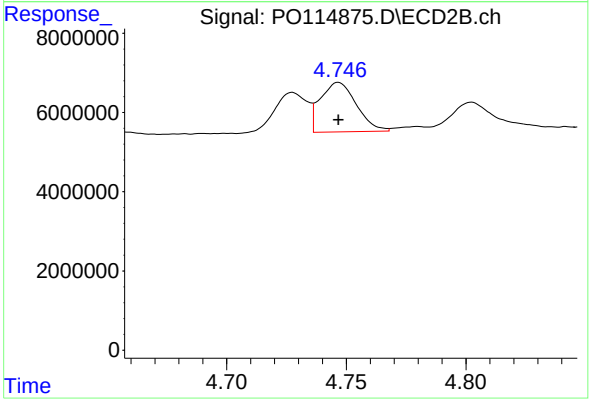
#3 AR-1016-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 9645398
Conc: 50.70 ng/ml



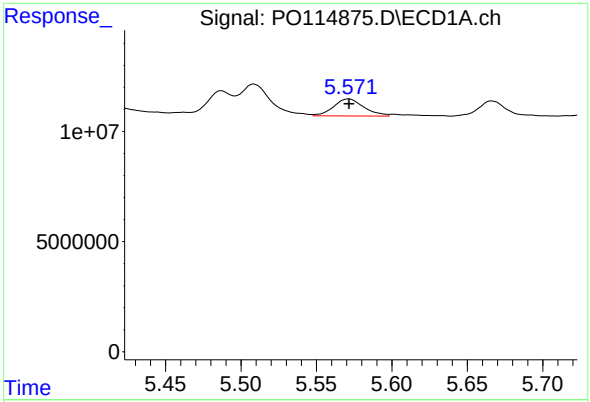
#4 AR-1016-2

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



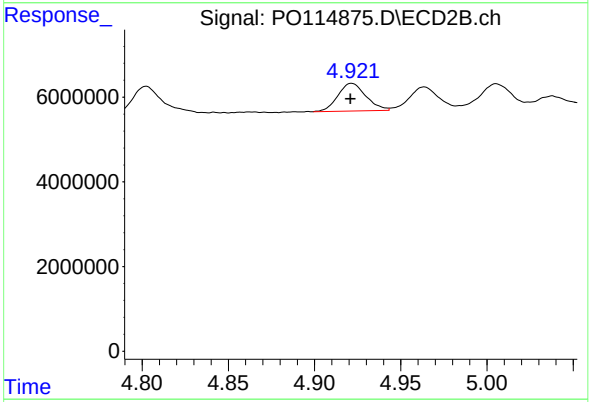
#5 AR-1016-3

R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 10864128
Conc: 48.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

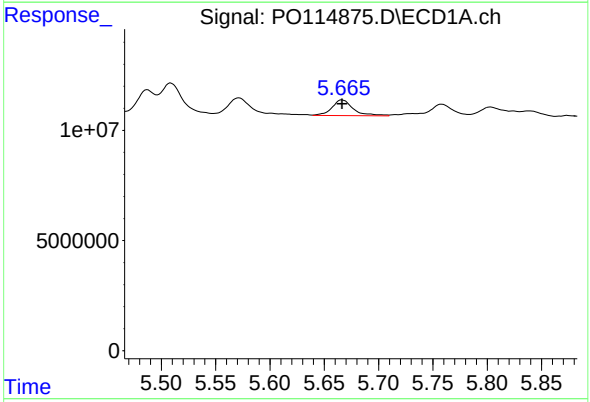
Manual Integrations APPROVED

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



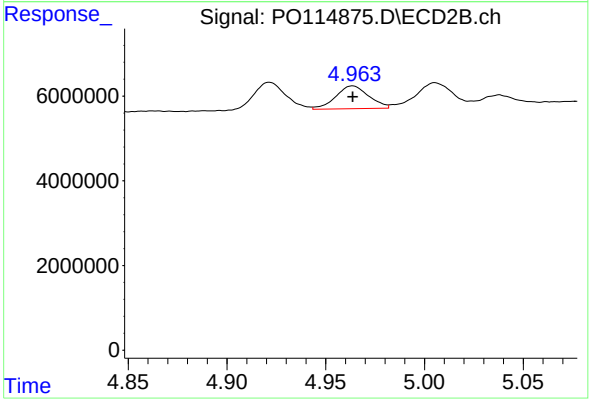
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 7492939
Conc: 51.06 ng/ml m



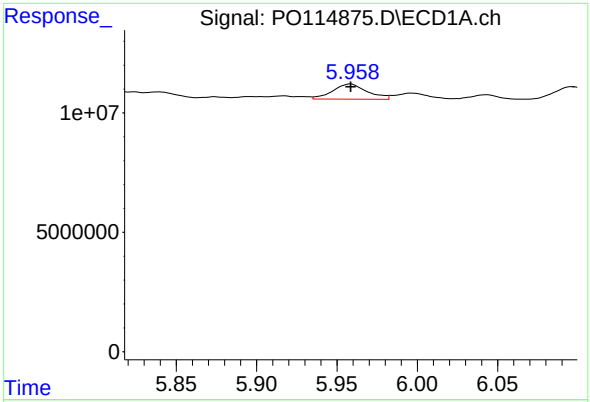
#6 AR-1016-4

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



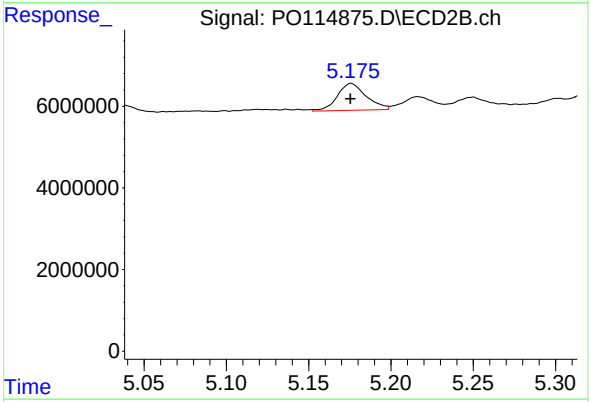
#7 AR-1016-5

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 9526800
Conc: 53.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

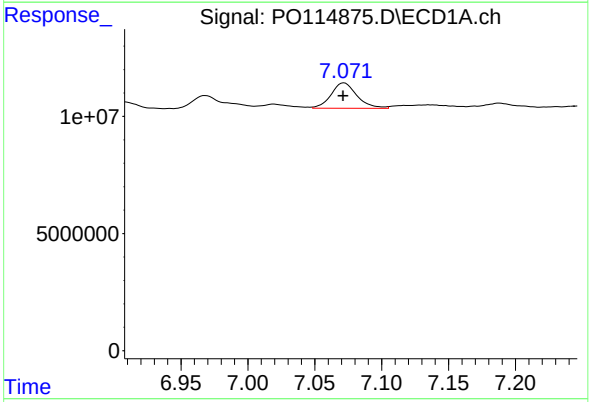
Manual Integrations APPROVED

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



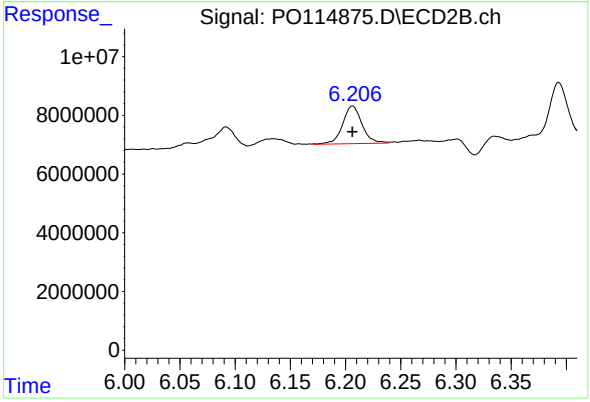
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 8111827
Conc: 53.51 ng/ml m



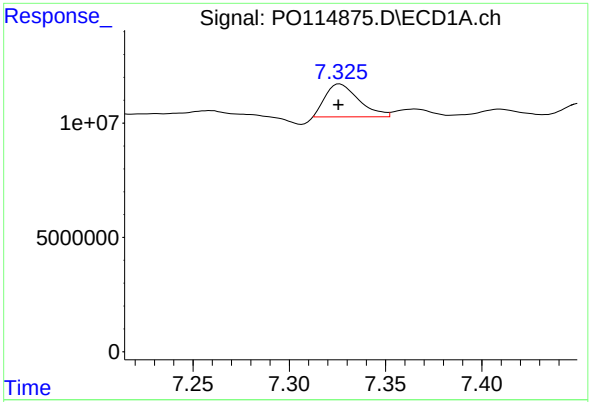
#31 AR-1260-1

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



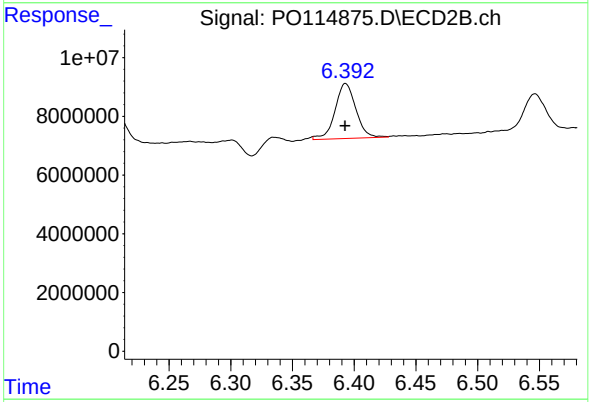
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 17512148
Conc: 45.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

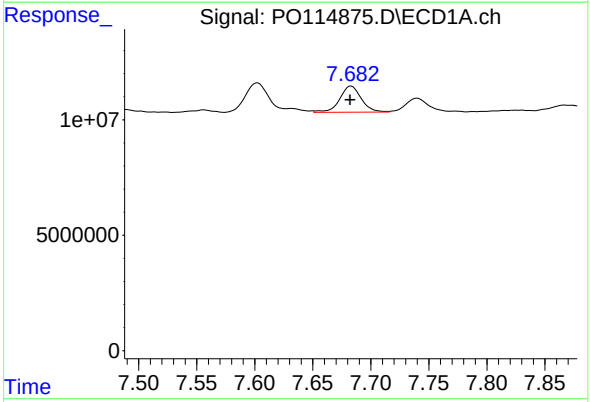
Manual Integrations APPROVED

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



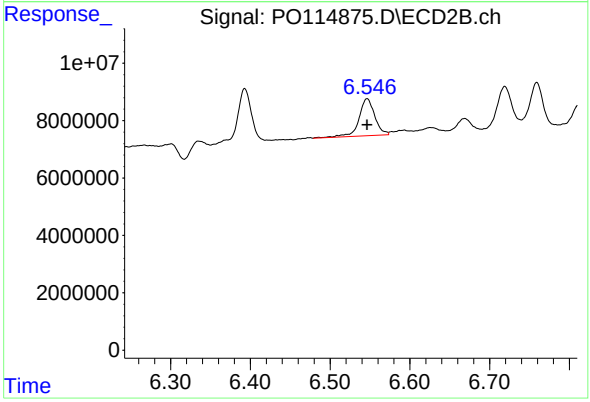
#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 21836937
Conc: 51.10 ng/ml m



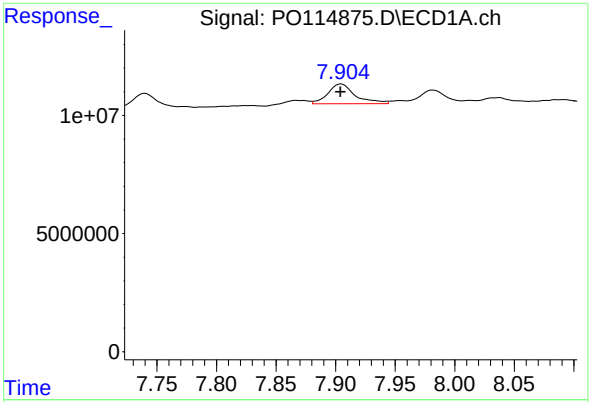
#33 AR-1260-3

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



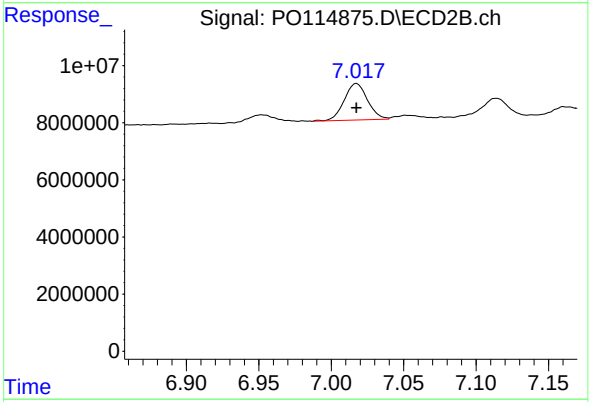
#34 AR-1260-4

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 13400012
Conc: 44.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

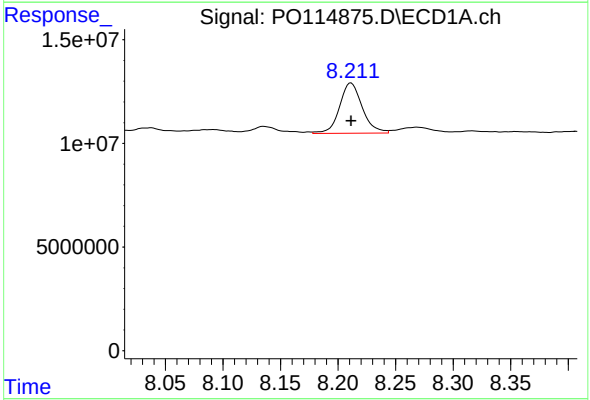
Manual Integrations APPROVED

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



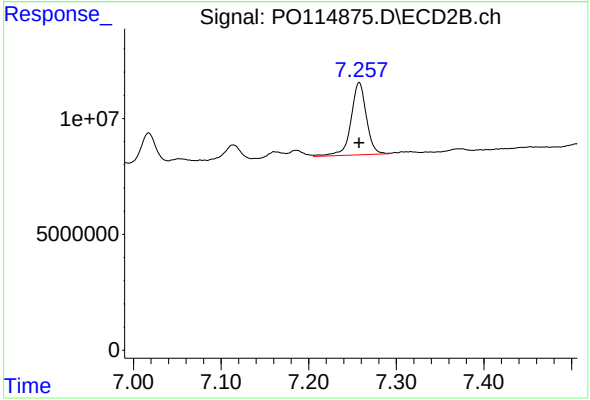
#34 AR-1260-4

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

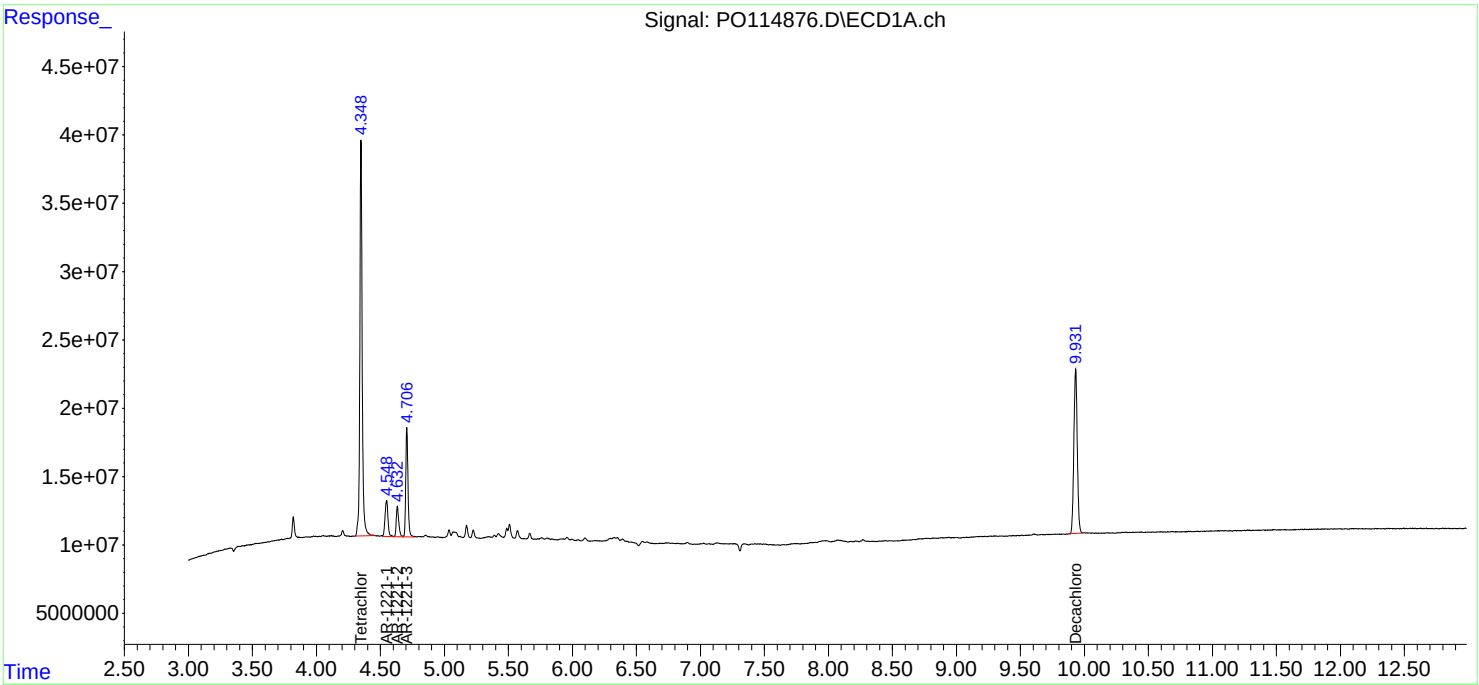
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

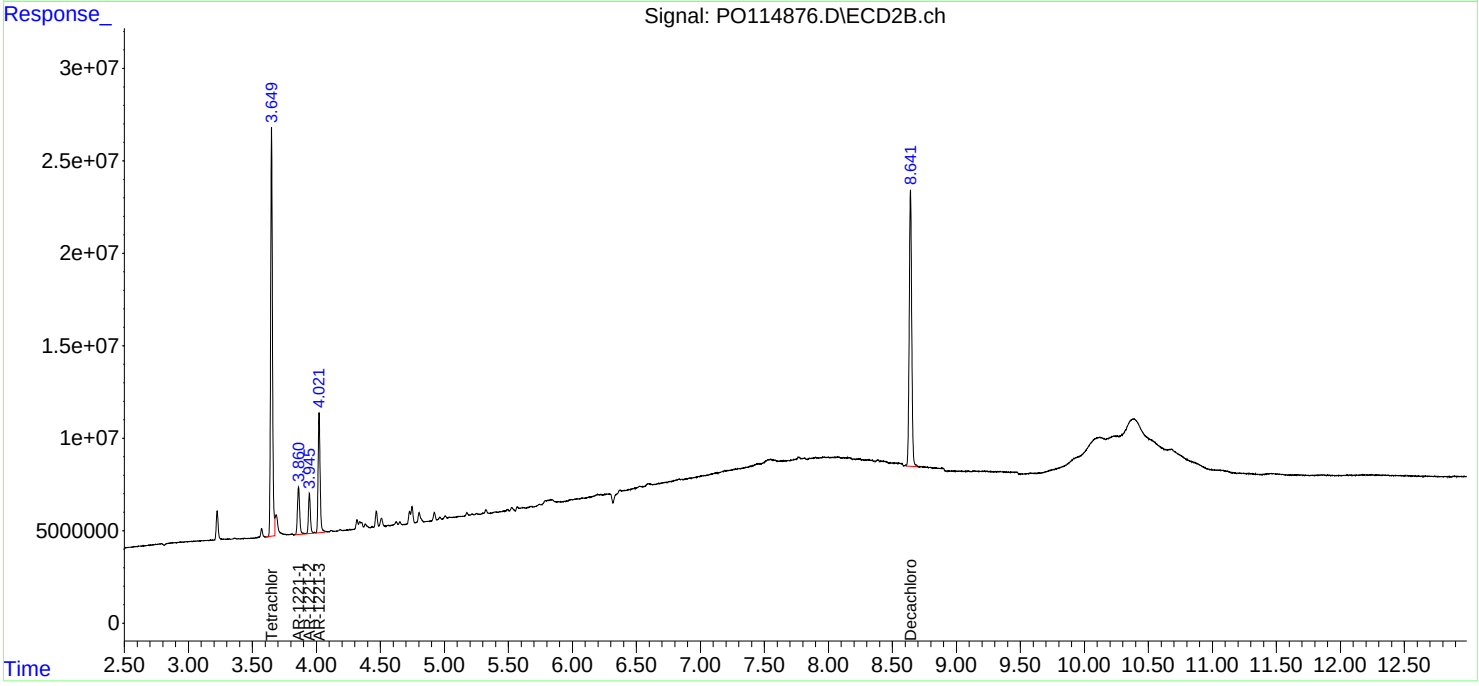
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:11
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

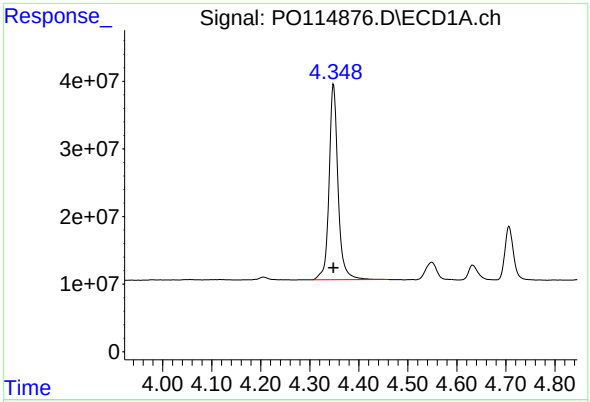
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

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



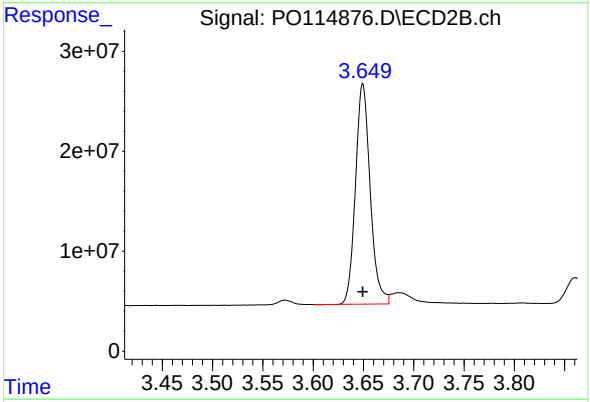




#1 Tetrachloro-m-xylene

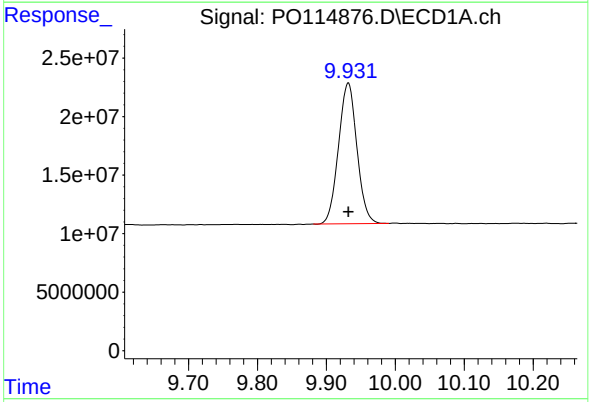
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 367548015
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



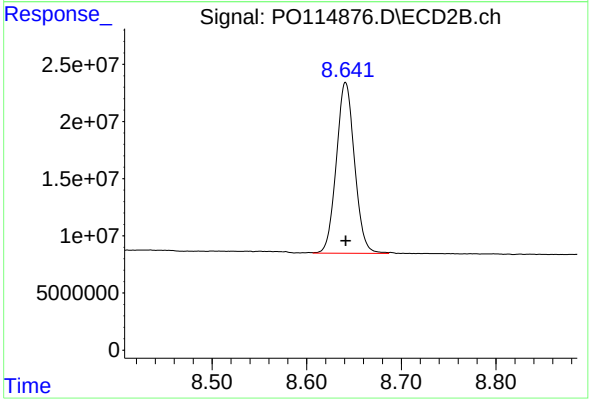
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 224278039
Conc: 50.00 ng/ml



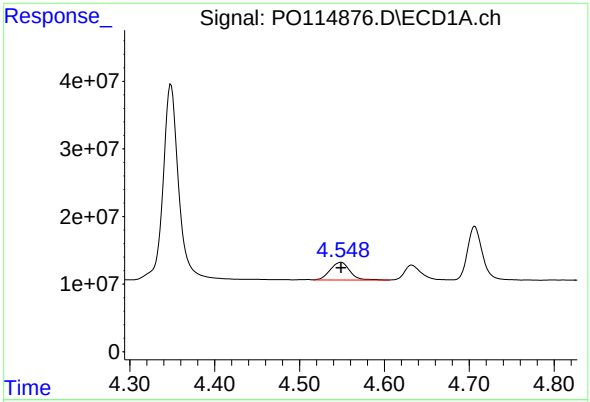
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 223426563
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

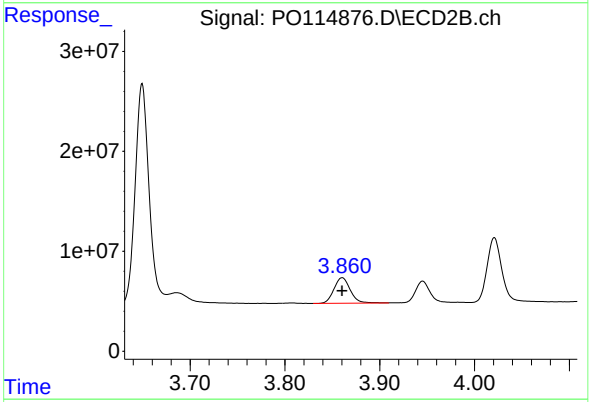
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 199526145
Conc: 50.00 ng/ml



#8 AR-1221-1

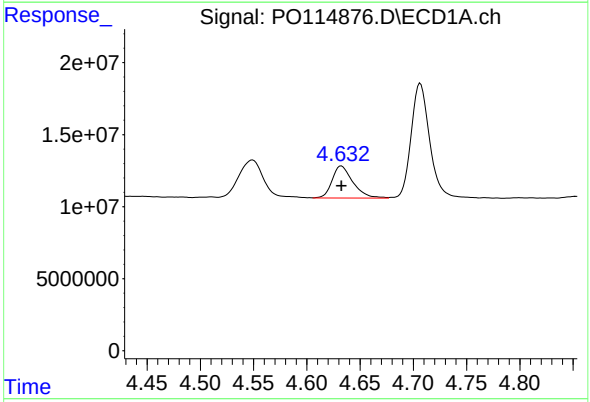
R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 42062015
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



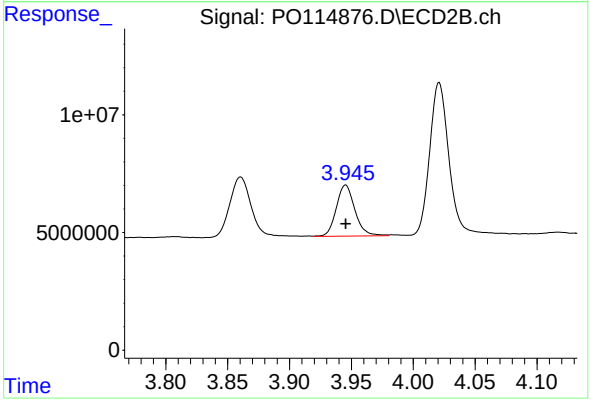
#8 AR-1221-1

R.T.: 3.860 min
Delta R.T.: 0.000 min
Response: 30899570
Conc: 500.00 ng/ml



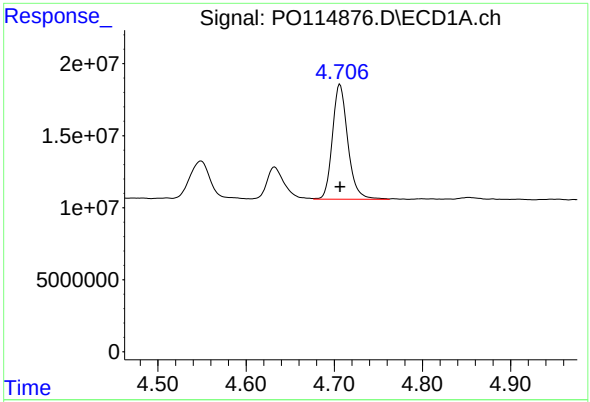
#9 AR-1221-2

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 30091751
Conc: 500.00 ng/ml



#9 AR-1221-2

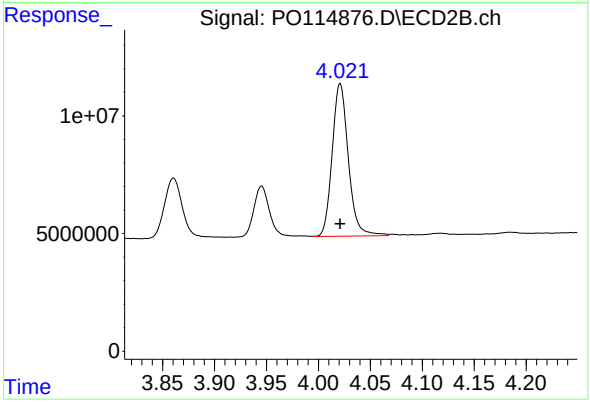
R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 22818522
Conc: 500.00 ng/ml



#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

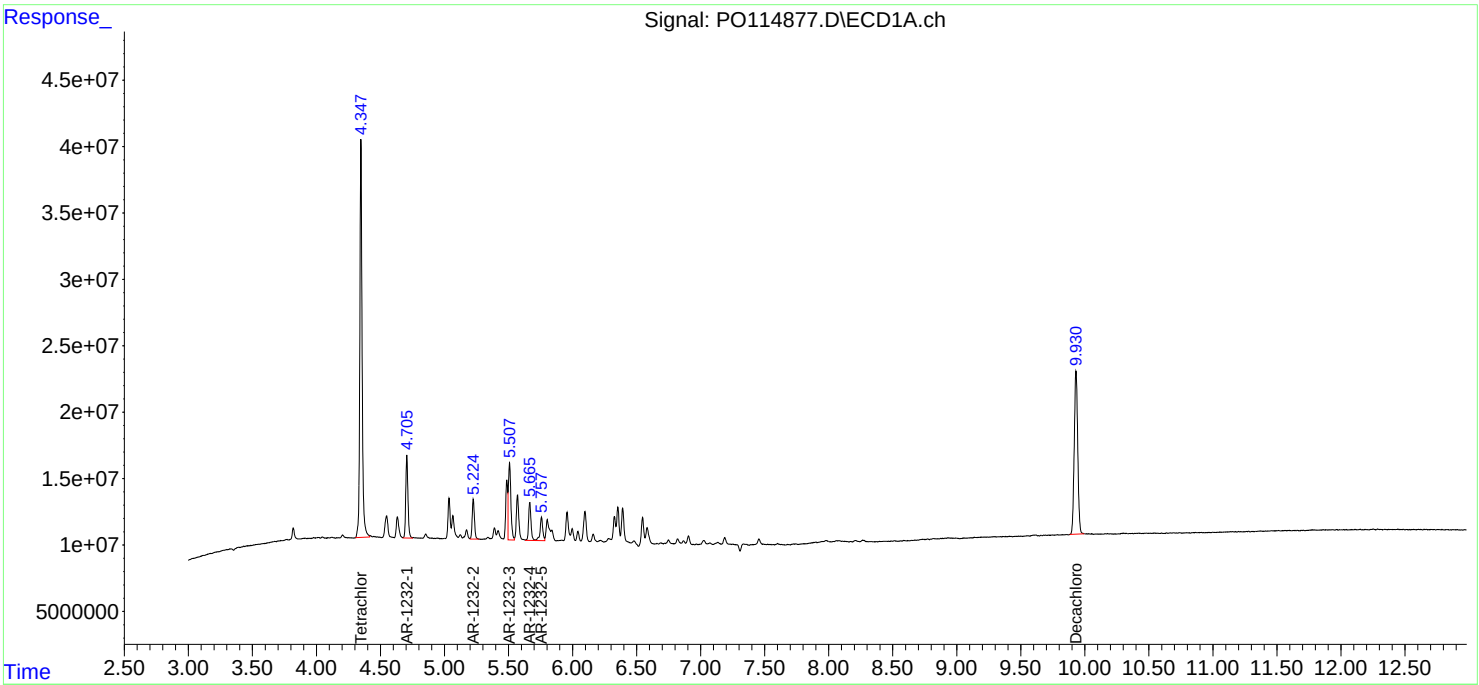
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

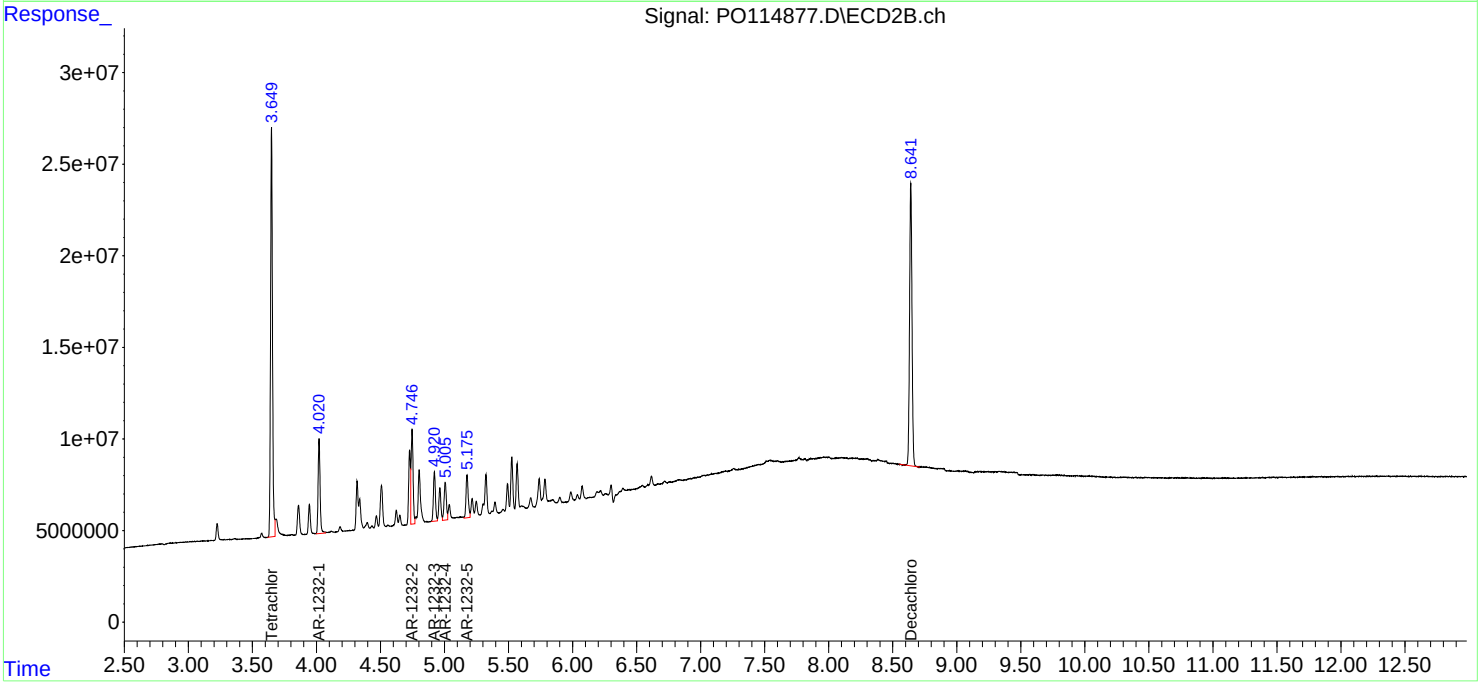
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:30
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

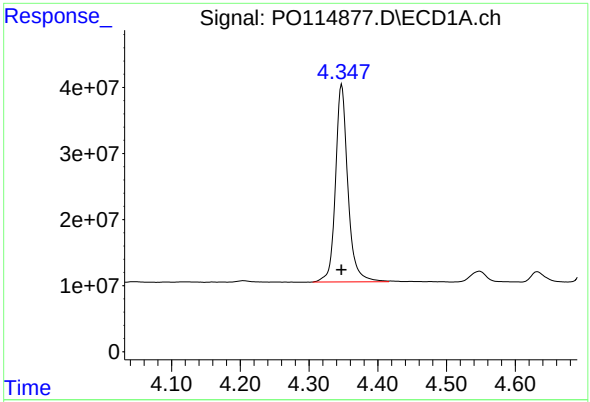
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

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



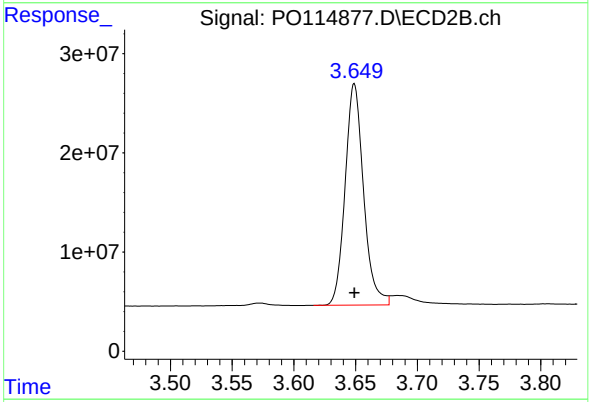




#1 Tetrachloro-m-xylene

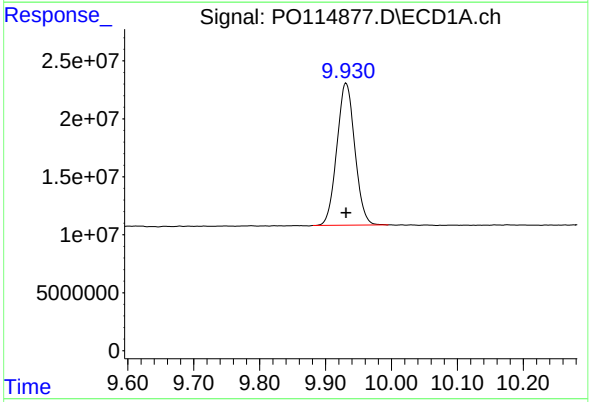
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 373365393
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



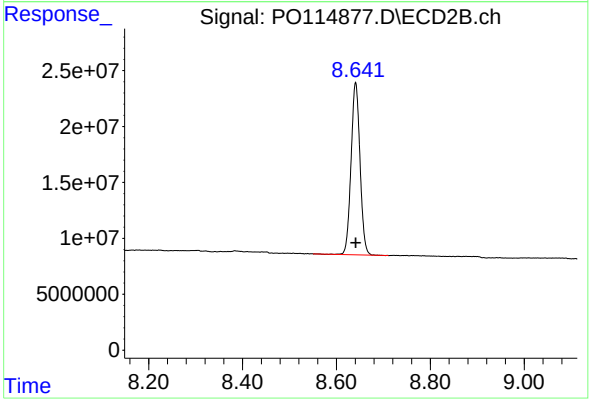
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 232455751
Conc: 50.00 ng/ml



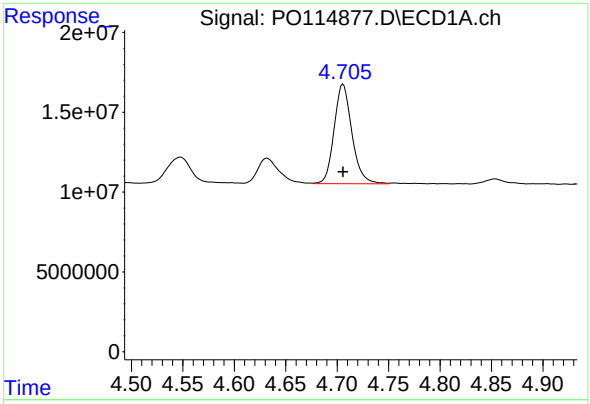
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 232358623
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

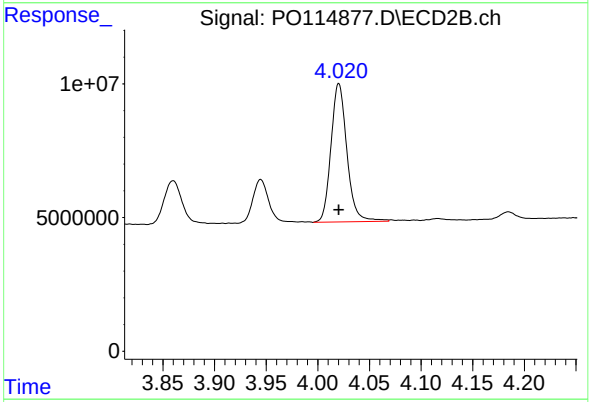
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 203608426
Conc: 50.00 ng/ml



#11 AR-1232-1

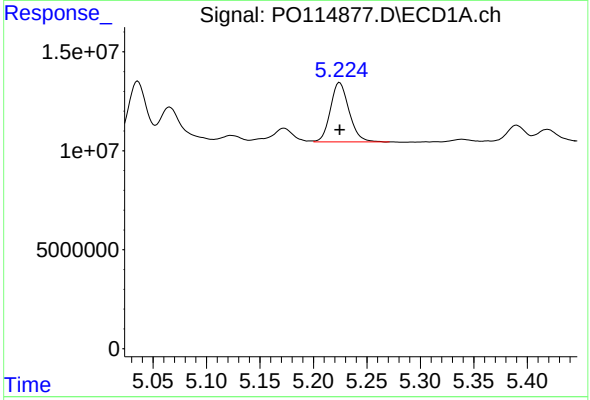
R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 75007315
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



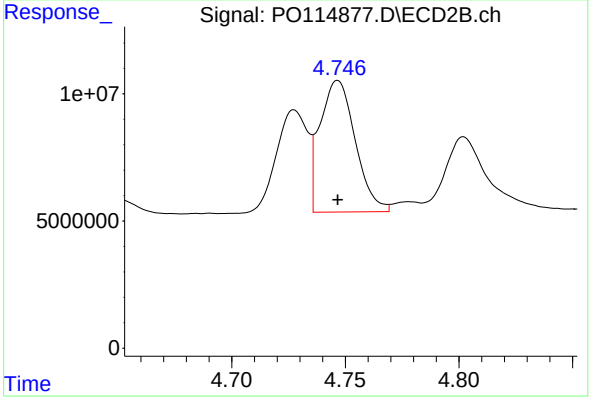
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 55746703
Conc: 500.00 ng/ml



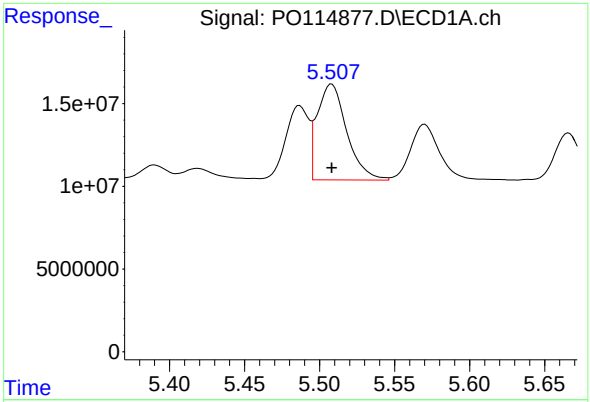
#12 AR-1232-2

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 36283683
Conc: 500.00 ng/ml



#12 AR-1232-2

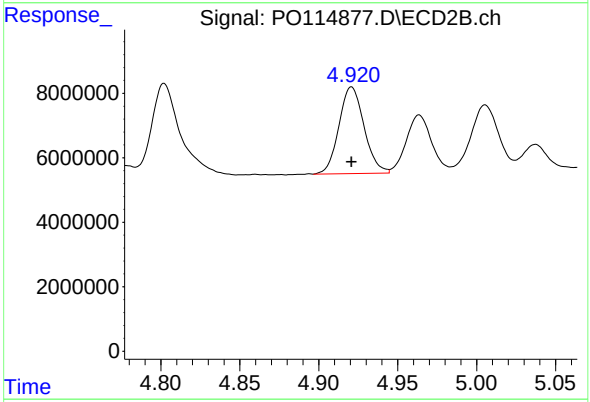
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 56047490
Conc: 500.00 ng/ml



#13 AR-1232-3

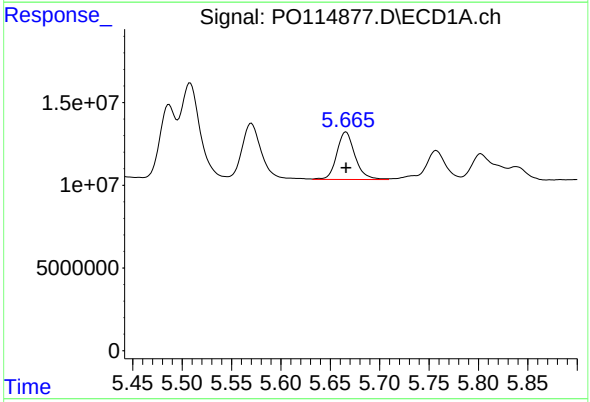
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 79337557
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



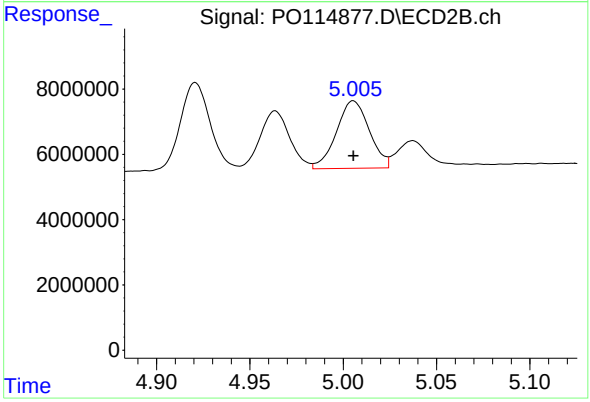
#13 AR-1232-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 29827092
Conc: 500.00 ng/ml



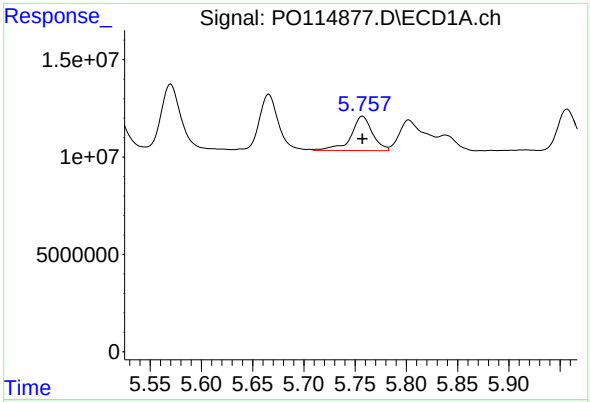
#14 AR-1232-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 36897763
Conc: 500.00 ng/ml



#14 AR-1232-4

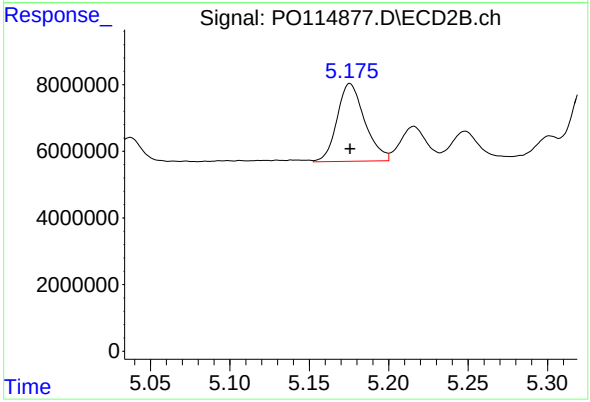
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 25444495
Conc: 500.00 ng/ml



#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

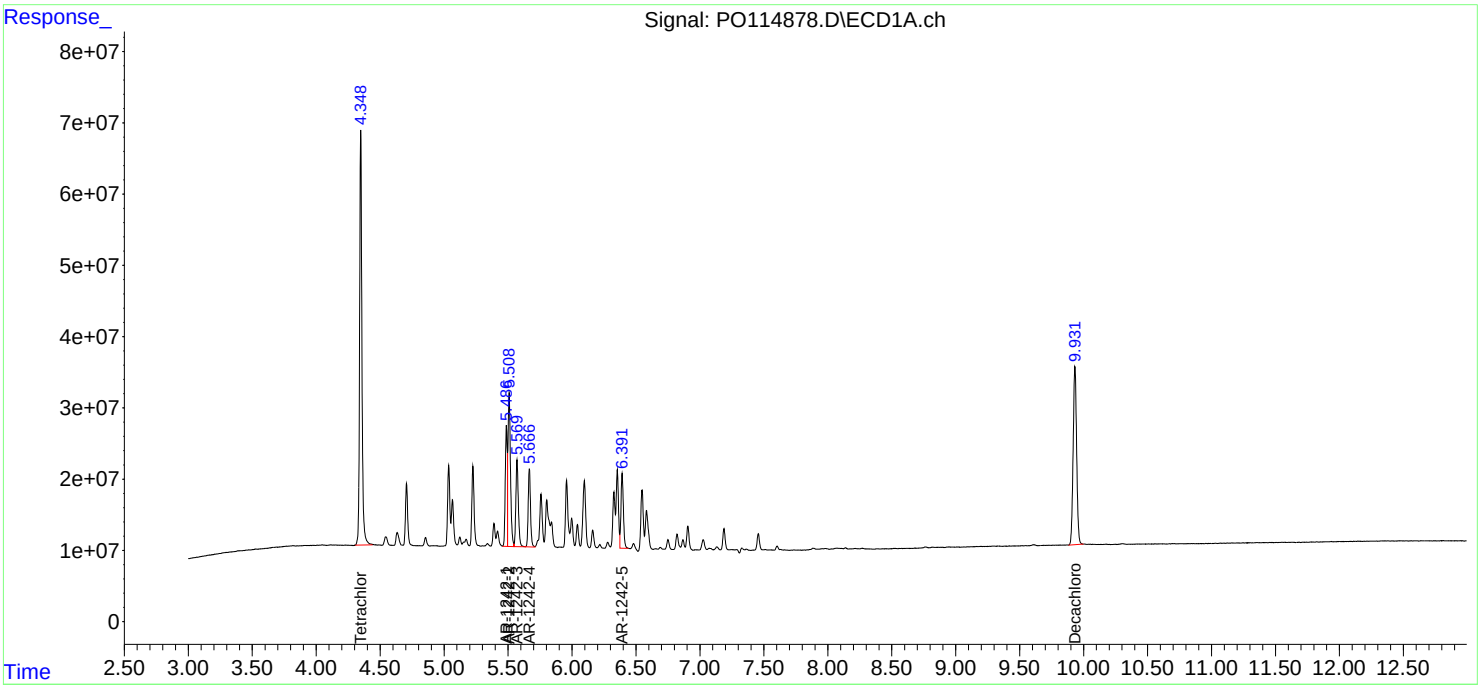
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

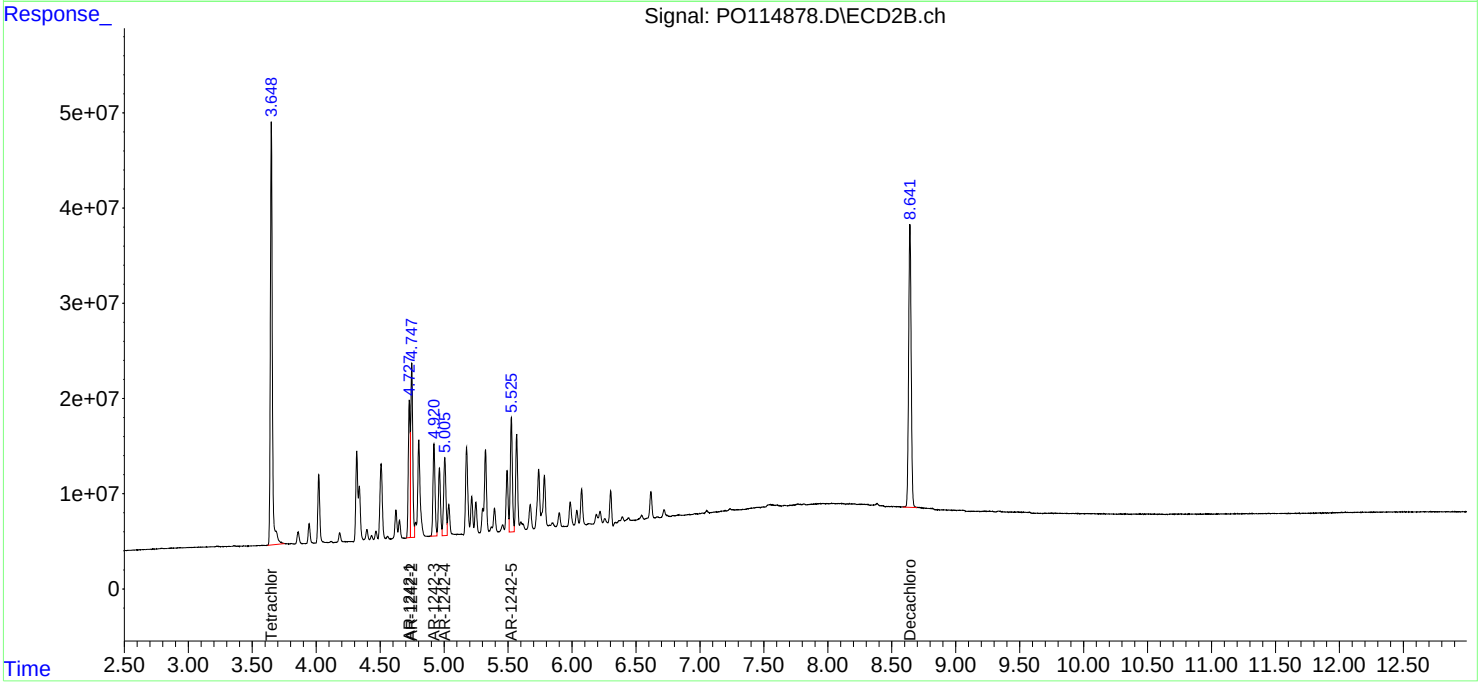
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:48
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

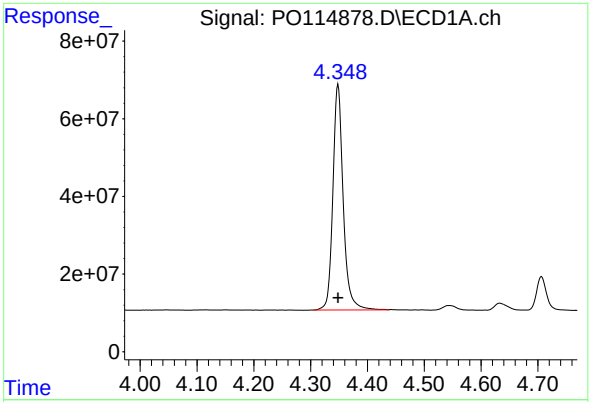
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

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



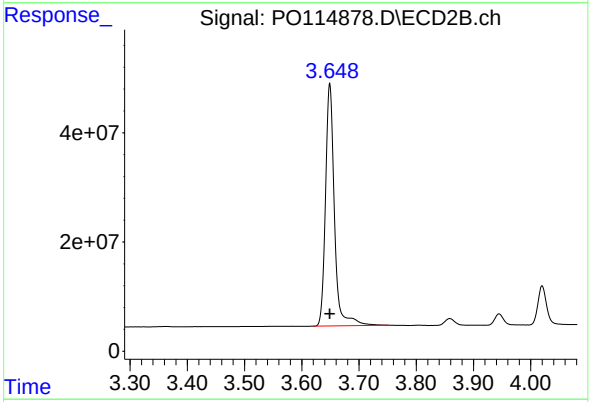




#1 Tetrachloro-m-xylene

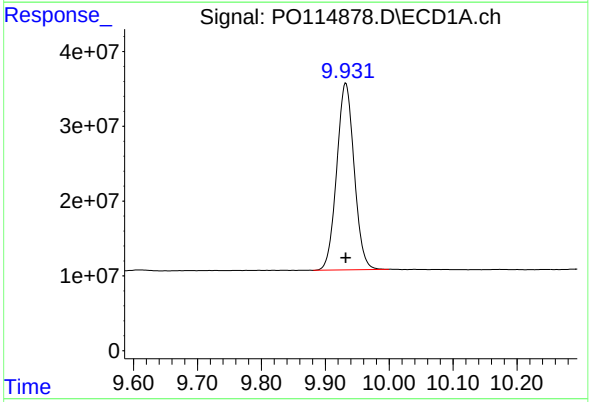
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 734800460
Conc: 98.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



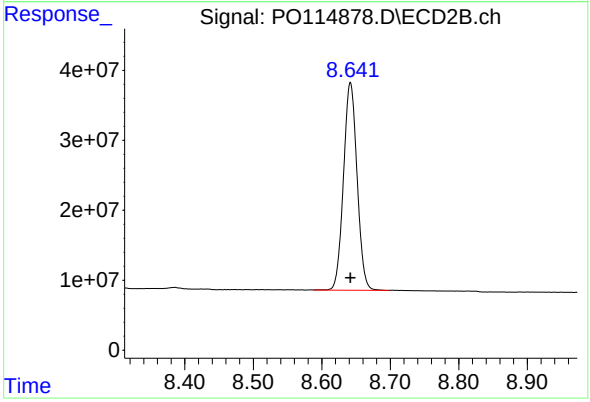
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 480011584
Conc: 98.35 ng/ml



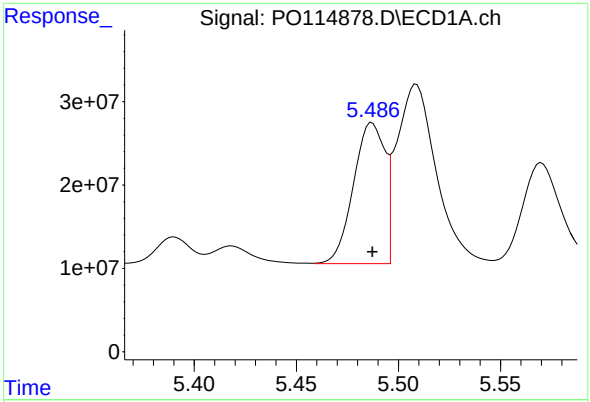
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 472985046
Conc: 98.66 ng/ml



#2 Decachlorobiphenyl

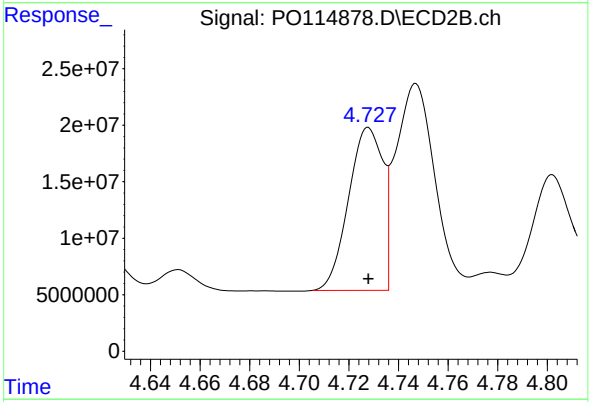
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 409330038
Conc: 96.35 ng/ml



#16 AR-1242-1

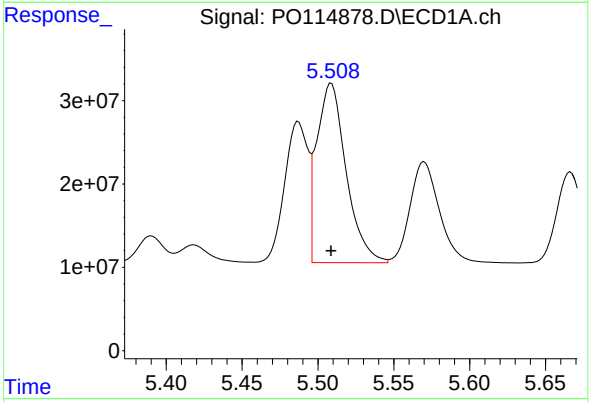
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 180395803
Conc: 974.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



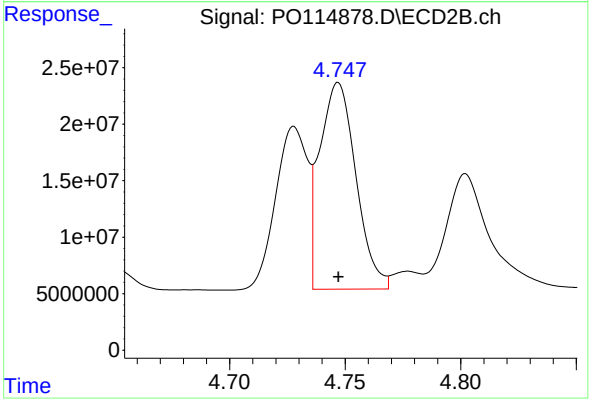
#16 AR-1242-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 138347633
Conc: 962.57 ng/ml



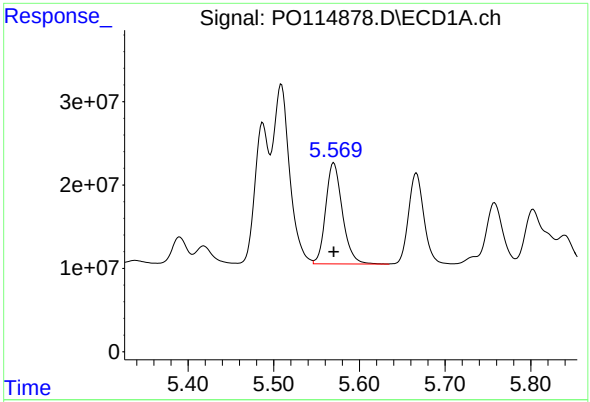
#17 AR-1242-2

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 290607708
Conc: 974.48 ng/ml



#17 AR-1242-2

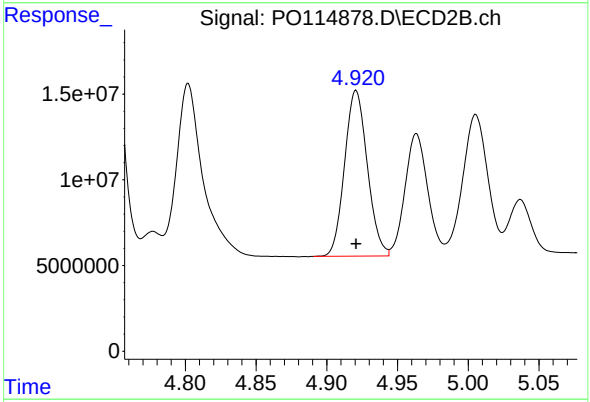
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 199908386
Conc: 966.13 ng/ml



#18 AR-1242-3

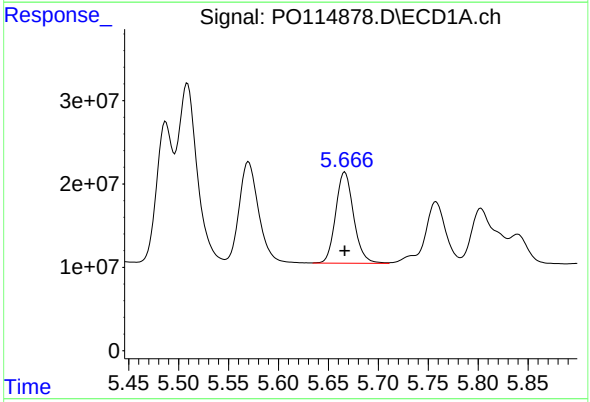
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 164449629
Conc: 971.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



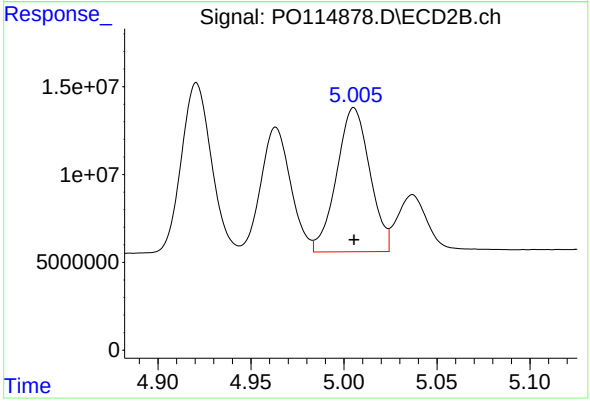
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 108216818
Conc: 963.49 ng/ml



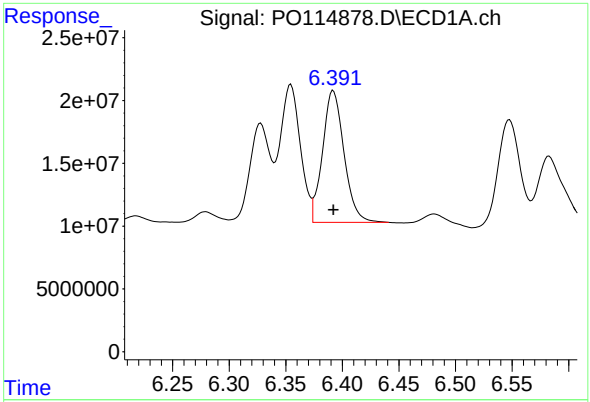
#19 AR-1242-4

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 136844790
Conc: 966.26 ng/ml



#19 AR-1242-4

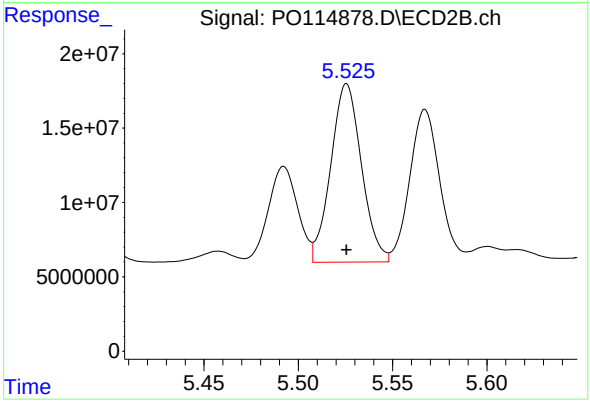
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 101919263
Conc: 961.85 ng/ml



#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

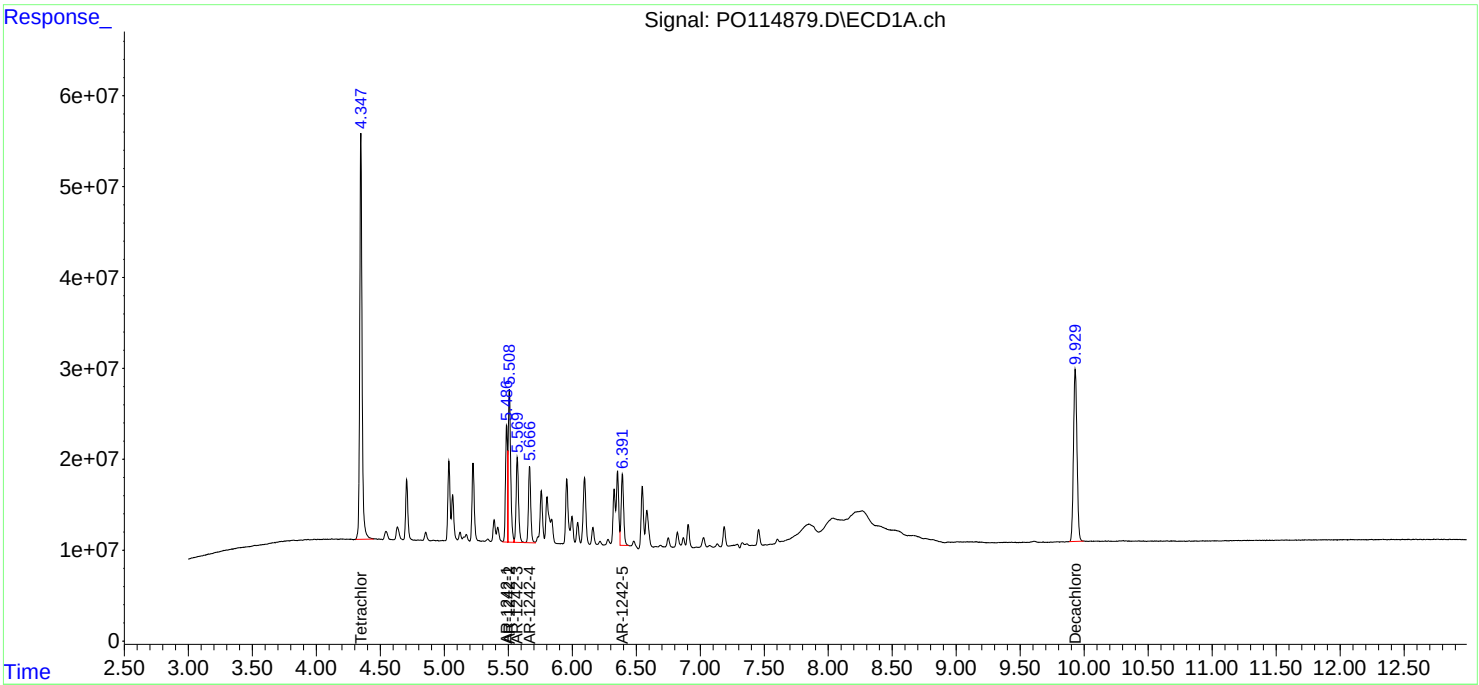
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

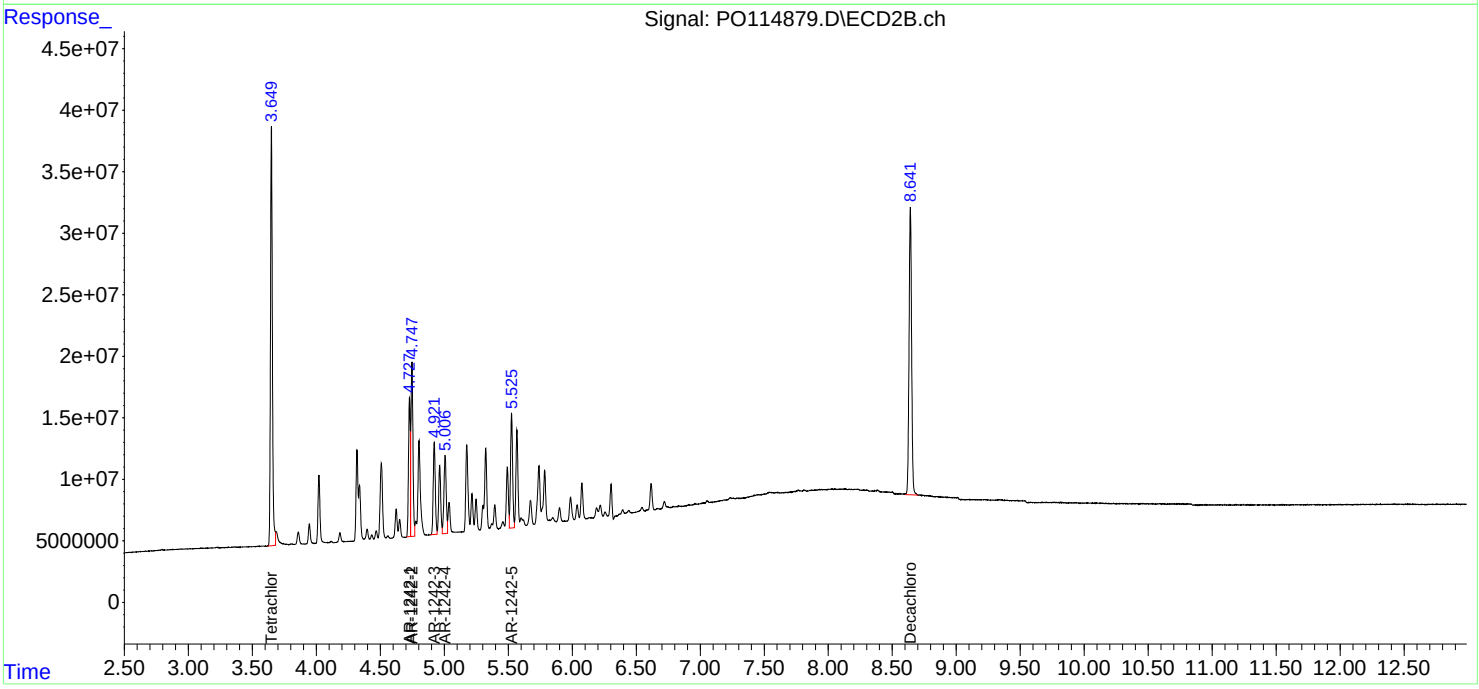
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:06
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

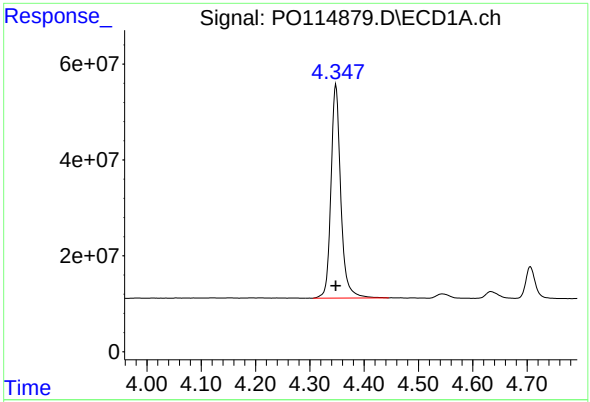
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

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



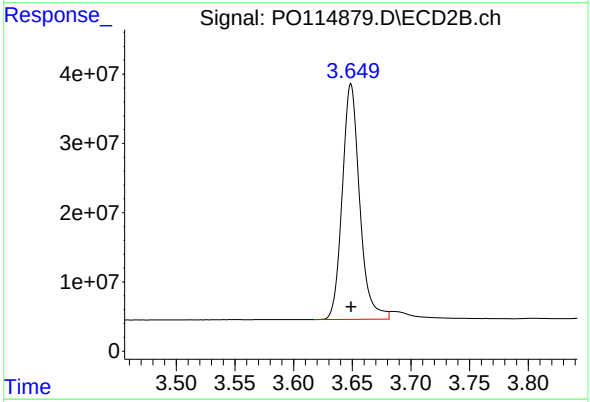




#1 Tetrachloro-m-xylene

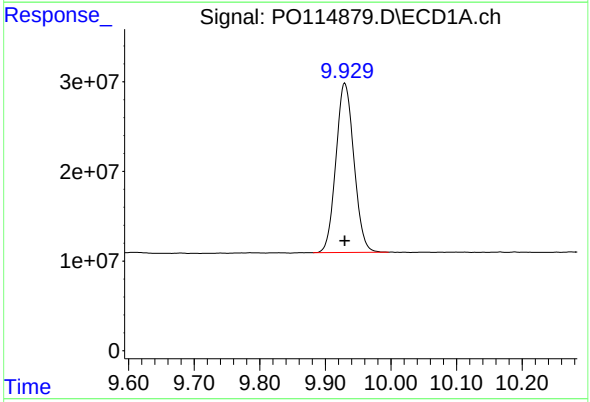
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 558390328
Conc: 75.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



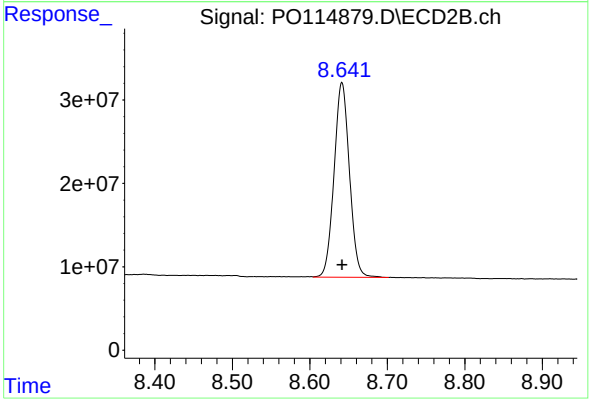
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 351251067
Conc: 72.95 ng/ml



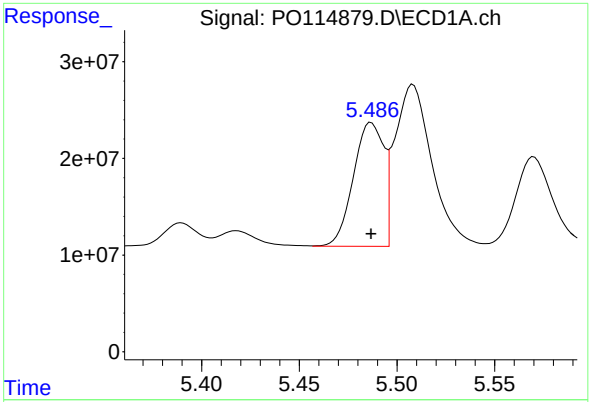
#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 360374507
Conc: 75.11 ng/ml



#2 Decachlorobiphenyl

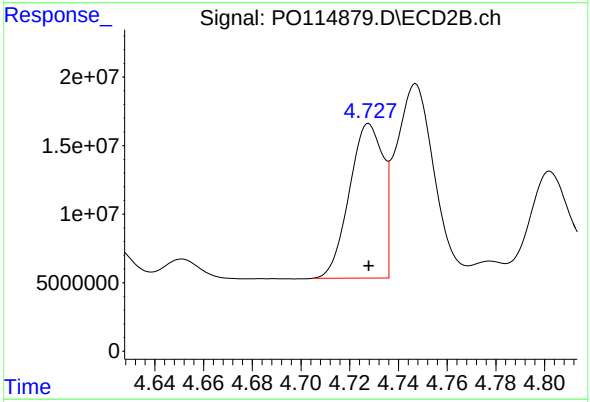
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 322630373
Conc: 75.62 ng/ml



#16 AR-1242-1

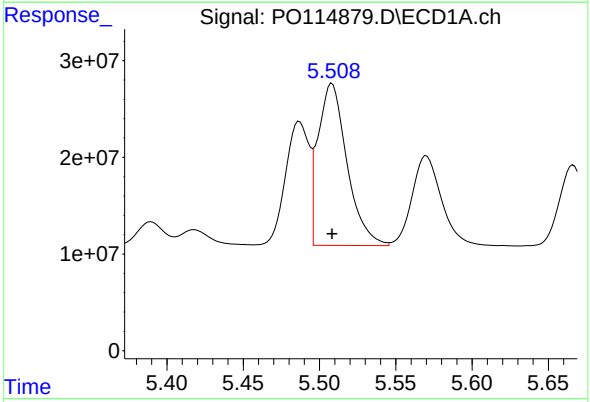
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 138360088
Conc: 748.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



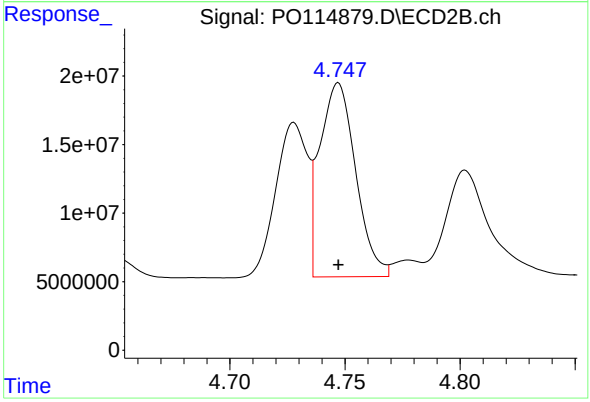
#16 AR-1242-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 108328566
Conc: 752.47 ng/ml



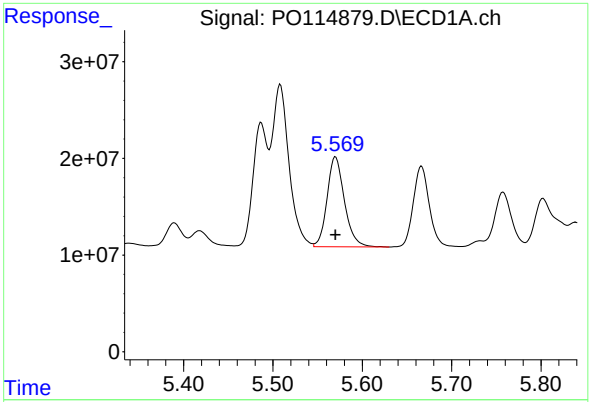
#17 AR-1242-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 221735948
Conc: 745.68 ng/ml



#17 AR-1242-2

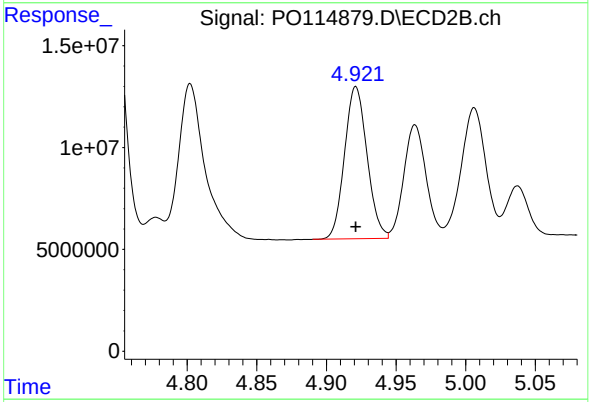
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 153721342
Conc: 745.26 ng/ml



#18 AR-1242-3

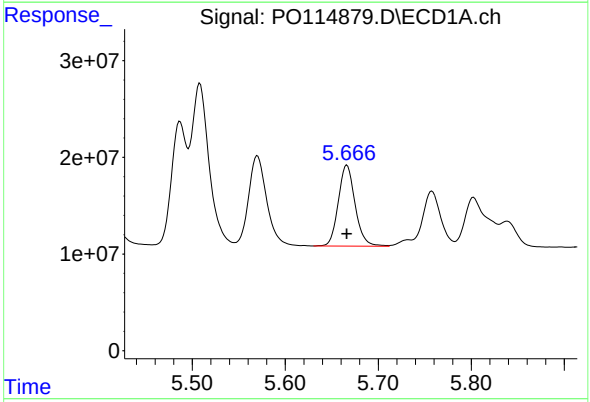
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 125763346
Conc: 745.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



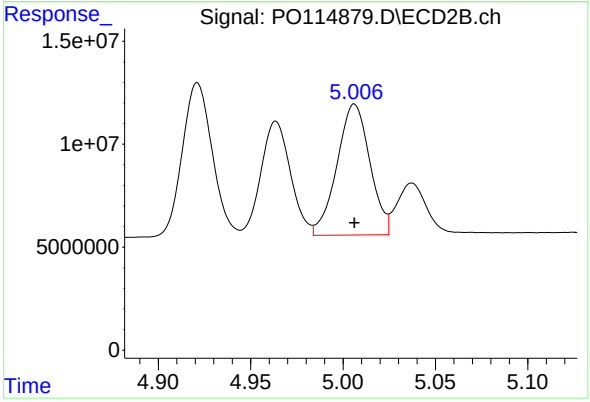
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 84172141
Conc: 749.61 ng/ml



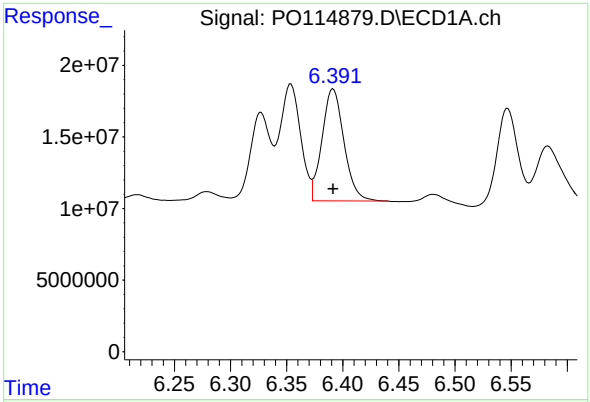
#19 AR-1242-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 105475289
Conc: 746.50 ng/ml



#19 AR-1242-4

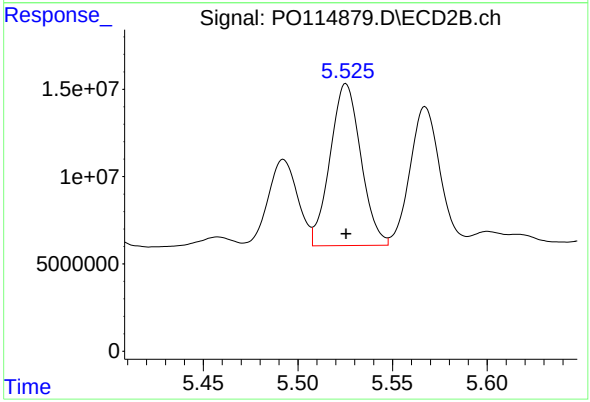
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 78976449
Conc: 746.88 ng/ml



#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

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

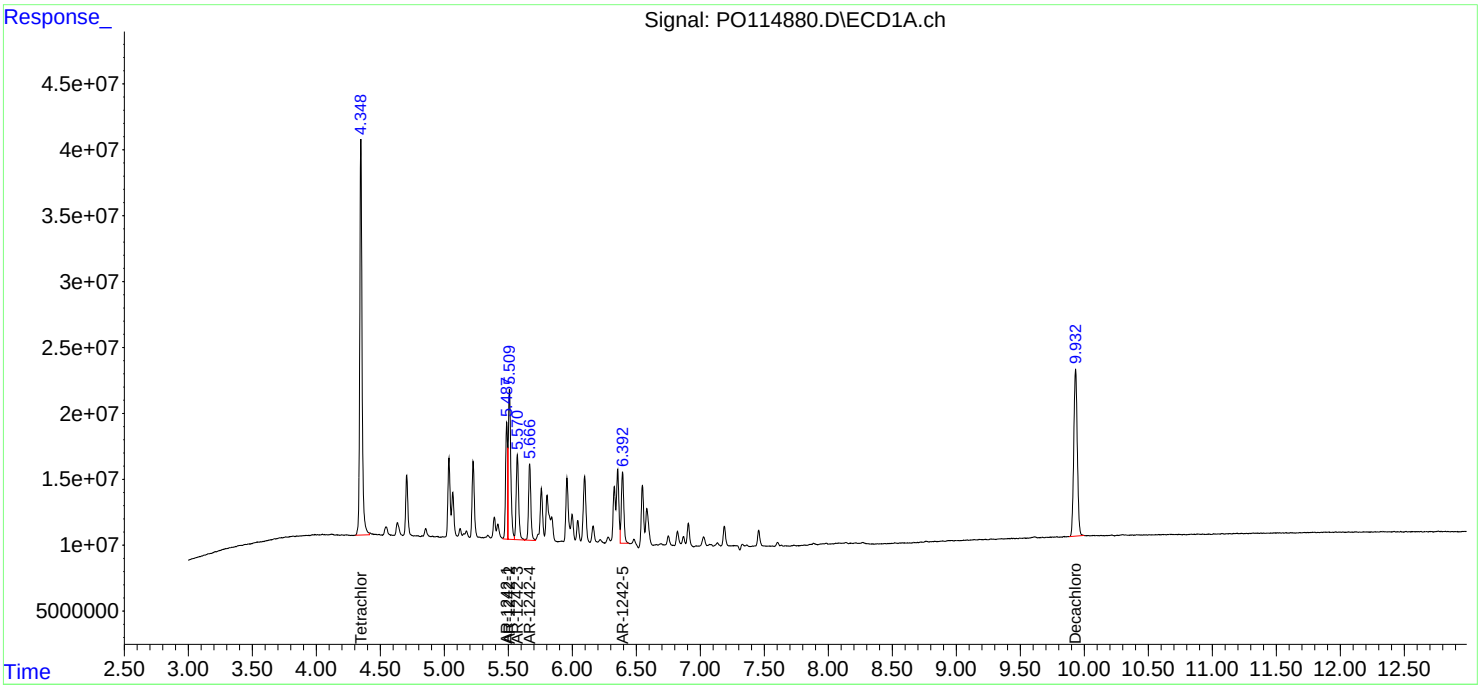
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

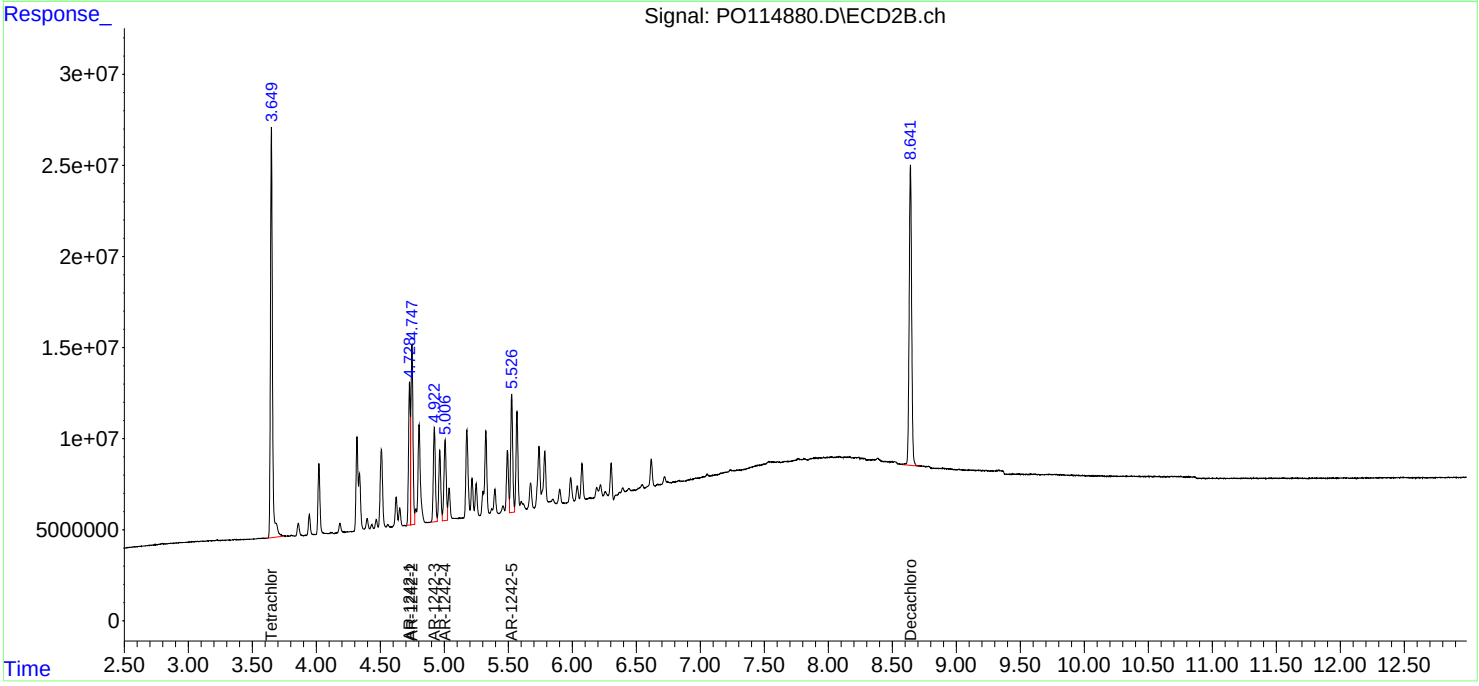
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:25
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

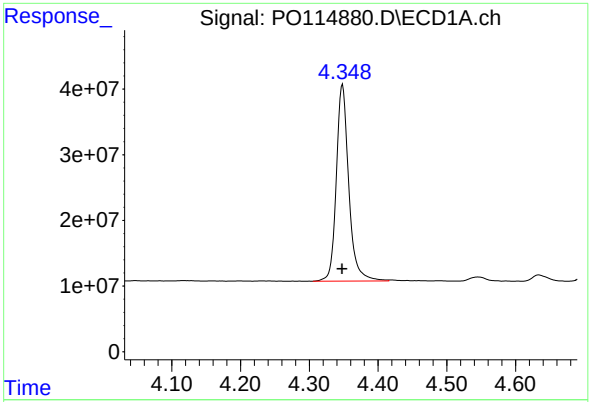
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

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



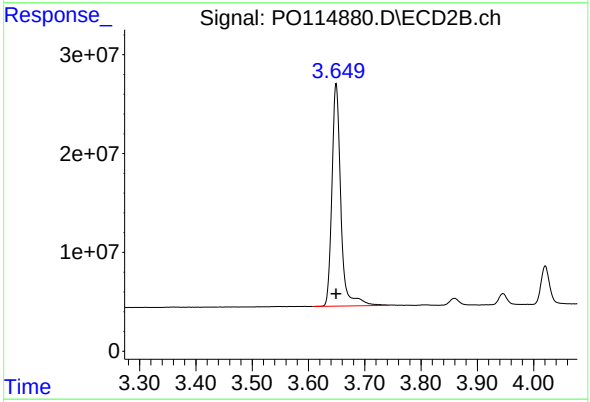




#1 Tetrachloro-m-xylene

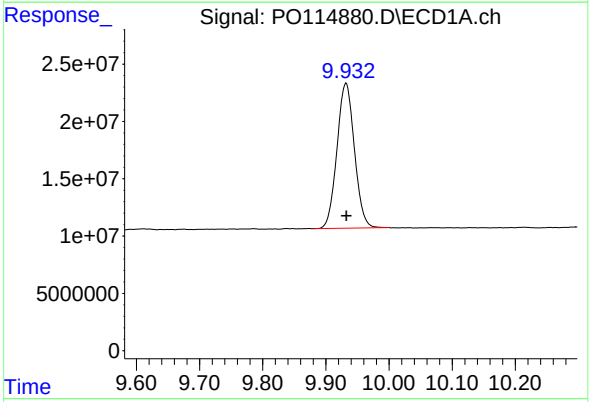
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 376638863
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



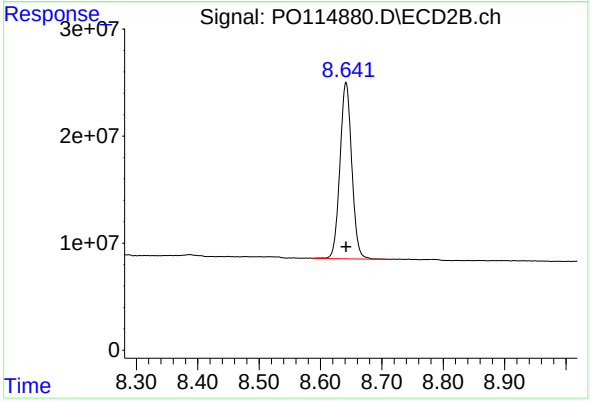
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 248073234
Conc: 50.00 ng/ml



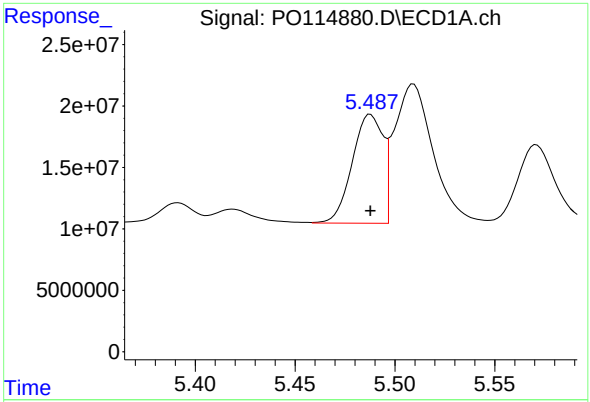
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 242918796
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

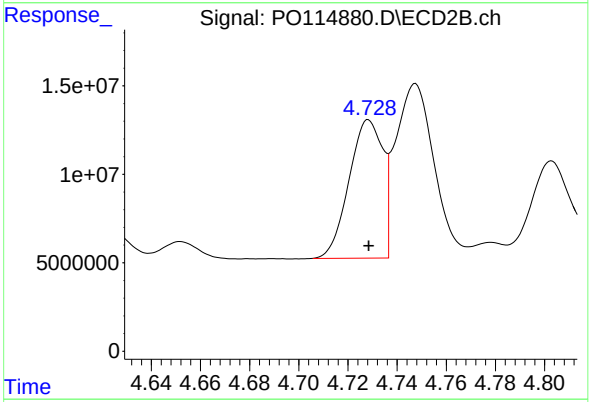
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 220186773
Conc: 50.00 ng/ml



#16 AR-1242-1

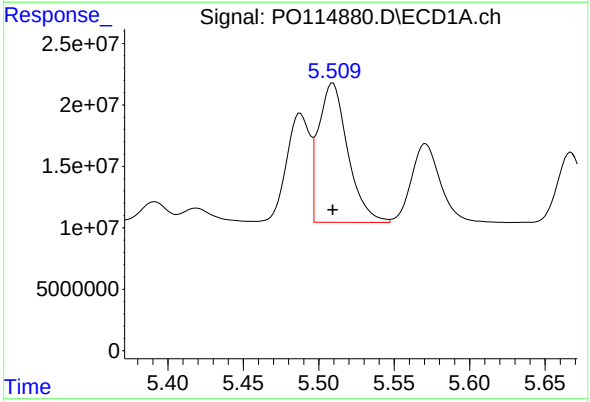
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 94898416
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



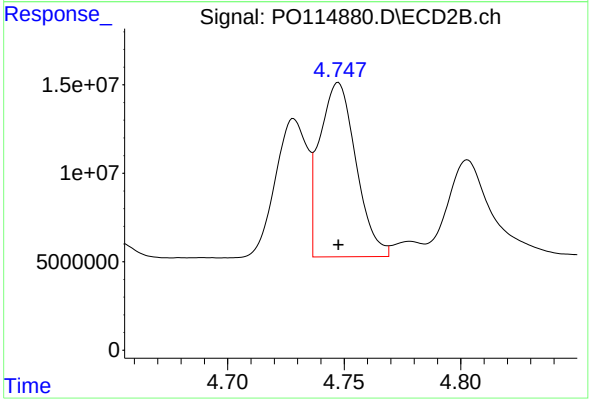
#16 AR-1242-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 74554194
Conc: 500.00 ng/ml



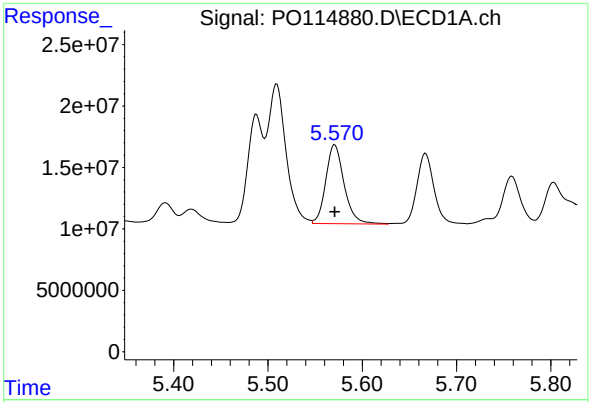
#17 AR-1242-2

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 152915087
Conc: 500.00 ng/ml



#17 AR-1242-2

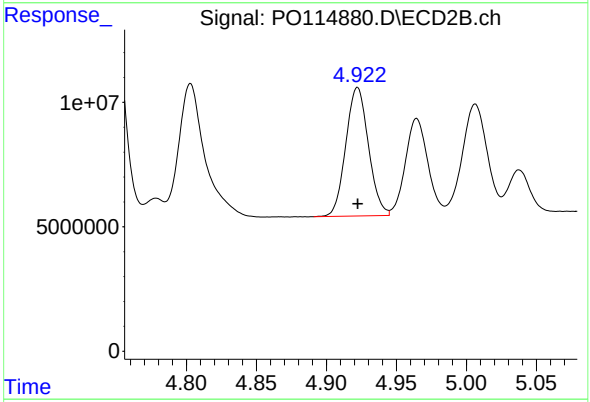
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 106963041
Conc: 500.00 ng/ml



#18 AR-1242-3

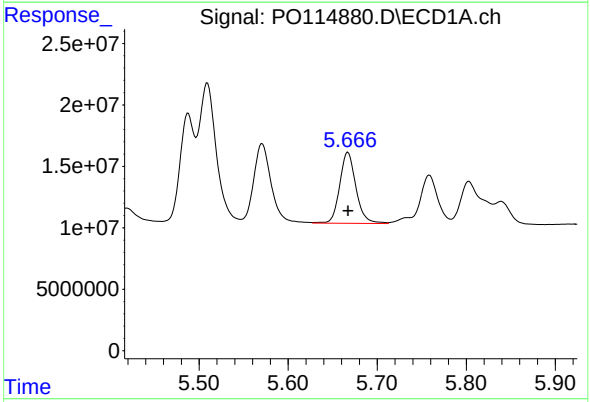
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 86964841
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



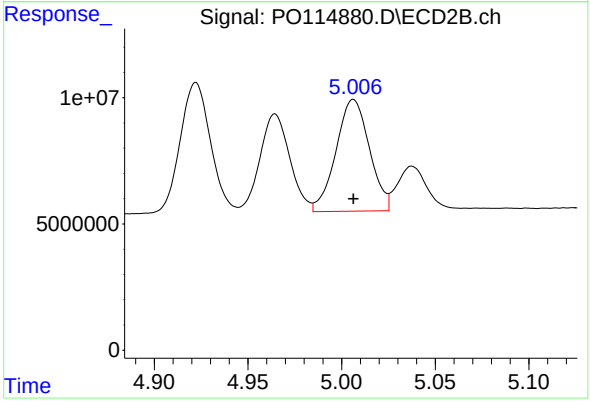
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 58209186
Conc: 500.00 ng/ml



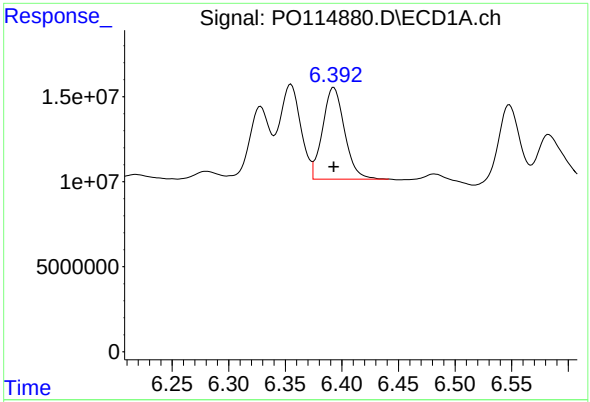
#19 AR-1242-4

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 73201423
Conc: 500.00 ng/ml



#19 AR-1242-4

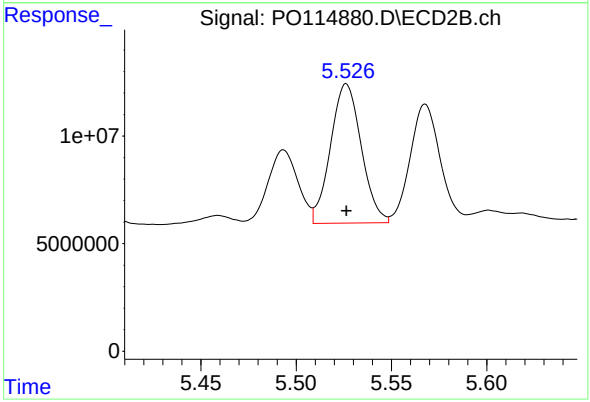
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 55002215
Conc: 500.00 ng/ml



#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

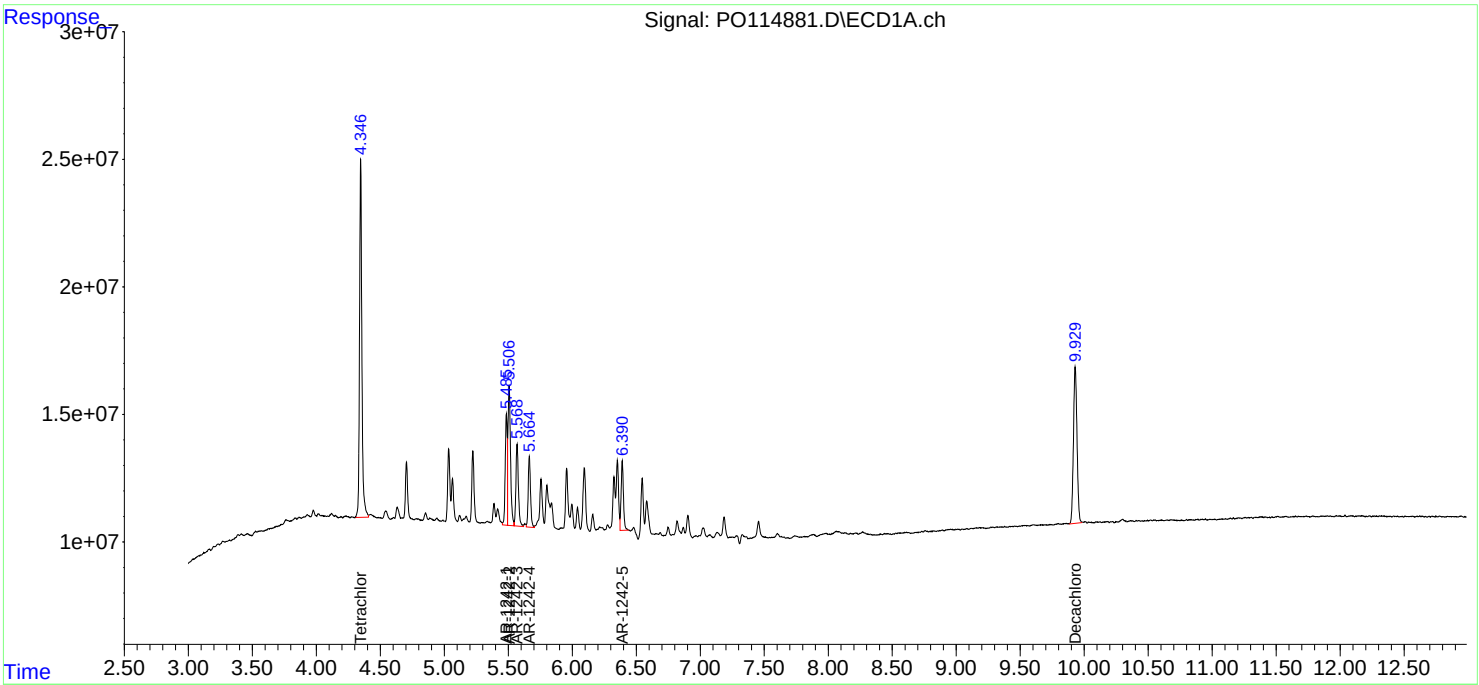
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

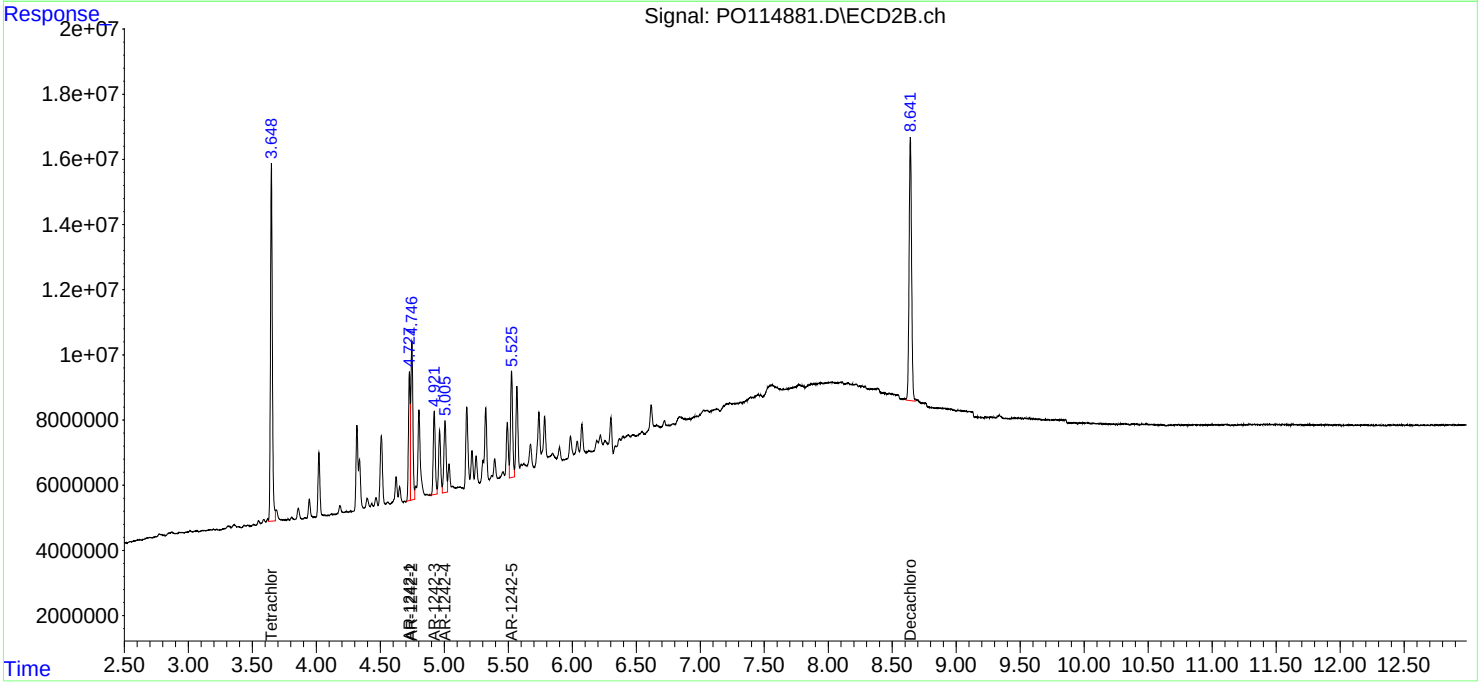
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:42
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

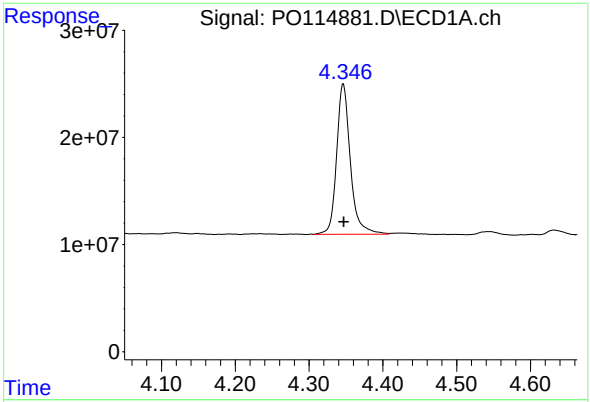
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

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



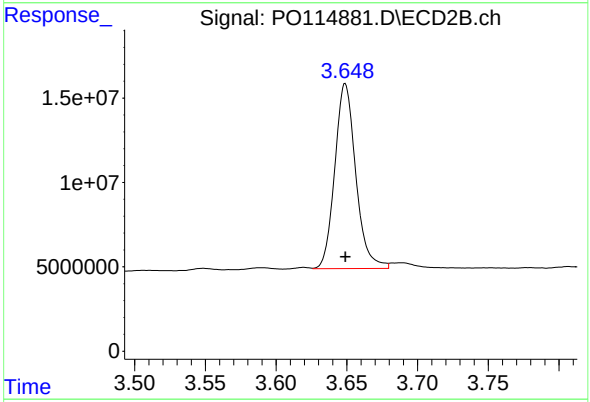




#1 Tetrachloro-m-xylene

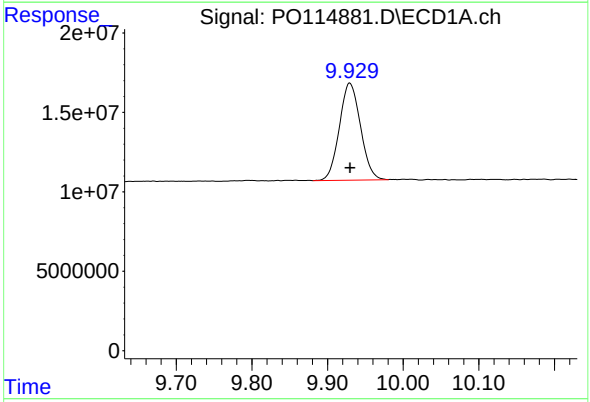
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 181550482
Conc: 24.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



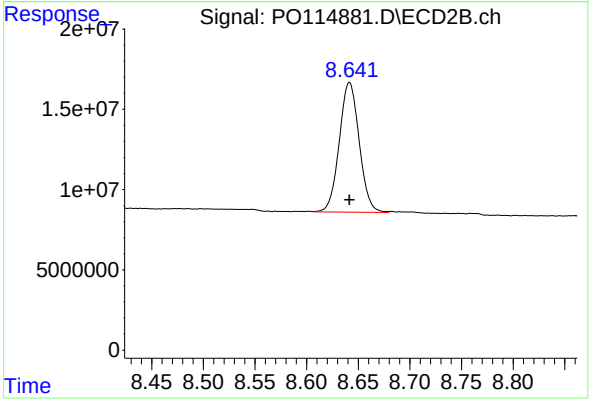
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 113183646
Conc: 23.86 ng/ml



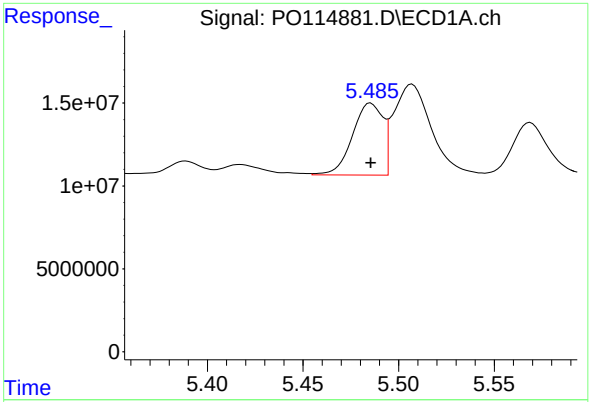
#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 118651728
Conc: 24.80 ng/ml



#2 Decachlorobiphenyl

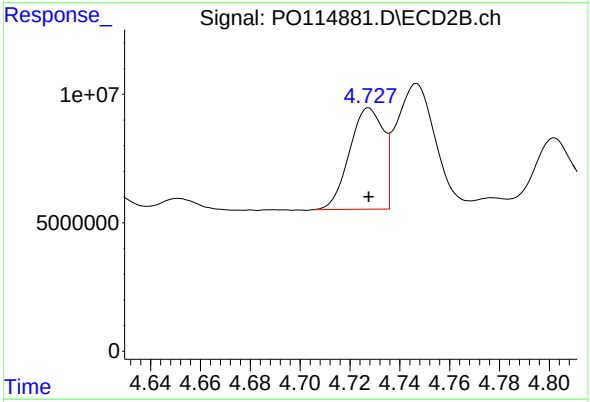
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 108469379
Conc: 25.32 ng/ml



#16 AR-1242-1

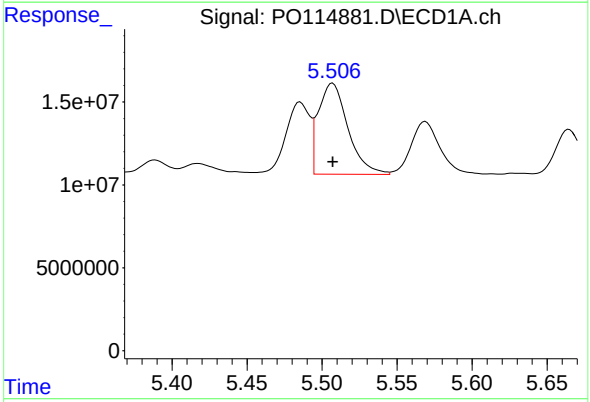
R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 48045131
Conc: 257.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



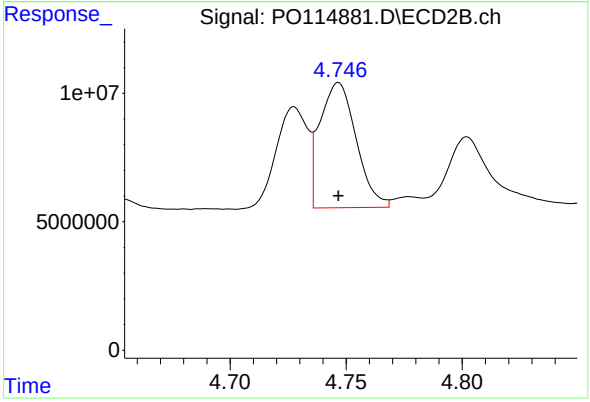
#16 AR-1242-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 37219390
Conc: 256.34 ng/ml



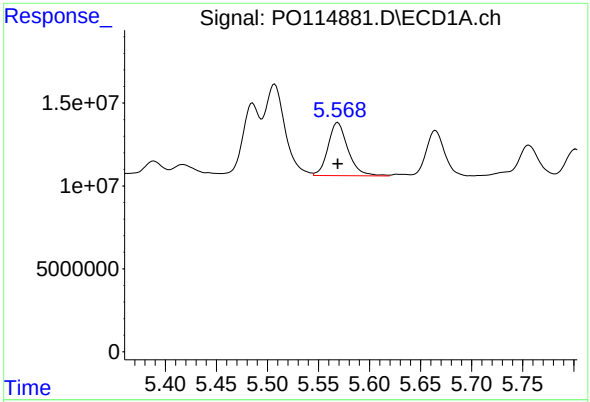
#17 AR-1242-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 75500933
Conc: 252.92 ng/ml



#17 AR-1242-2

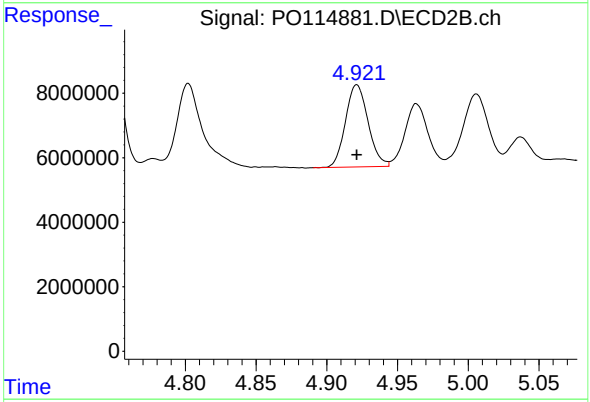
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 52970083
Conc: 255.07 ng/ml



#18 AR-1242-3

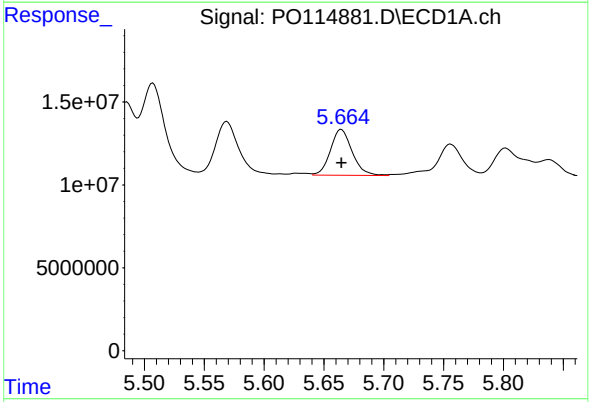
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 43602684
Conc: 256.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



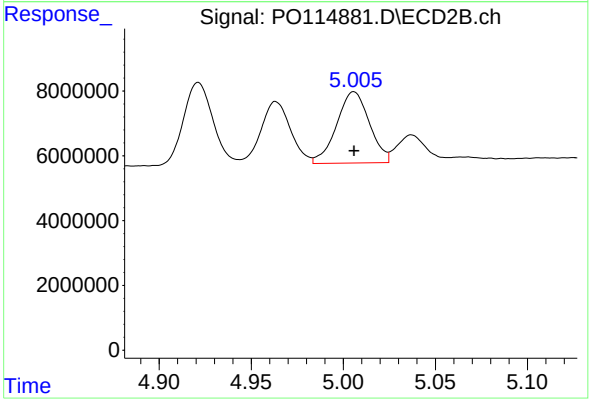
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 28371324
Conc: 251.99 ng/ml



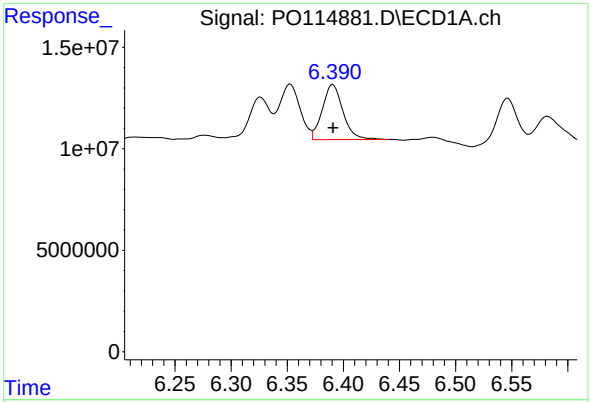
#19 AR-1242-4

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 34915069
Conc: 247.83 ng/ml



#19 AR-1242-4

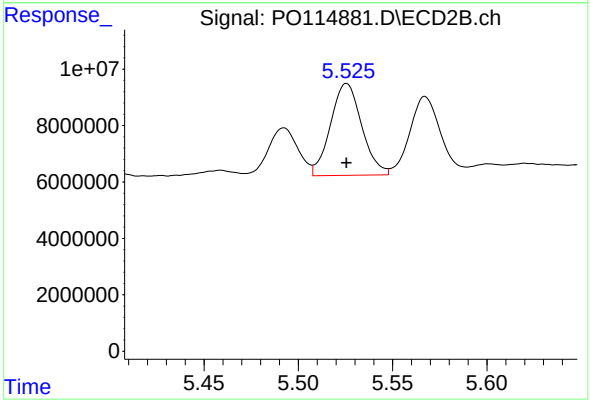
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 27309187
Conc: 256.15 ng/ml



#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

ICAL Form

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.

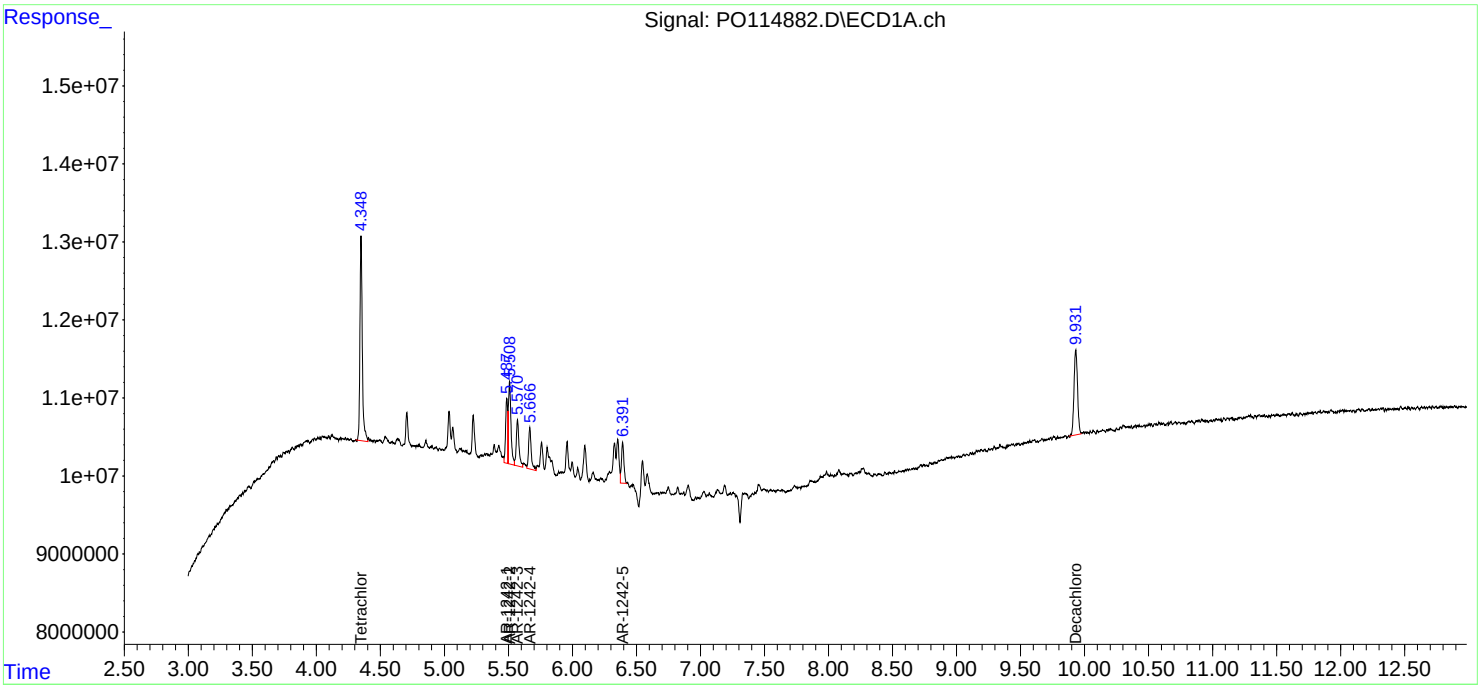
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:00
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

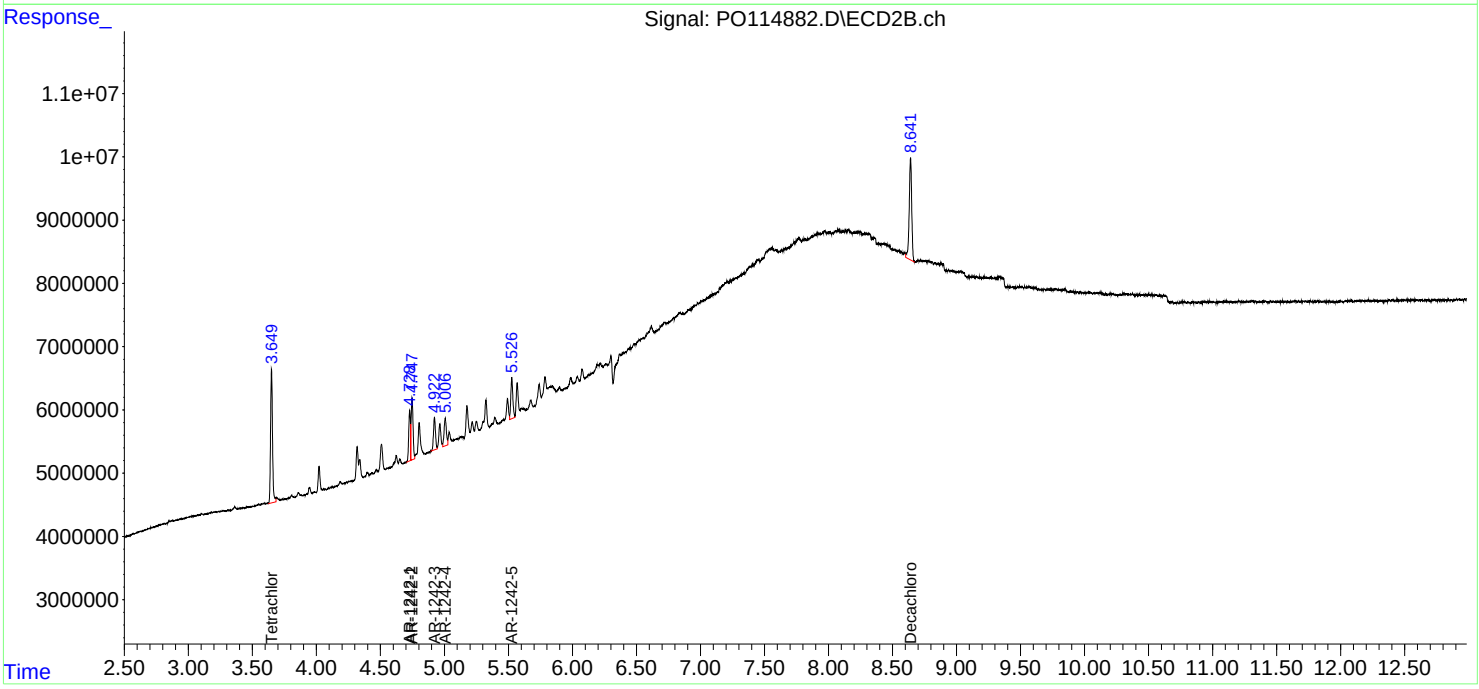
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

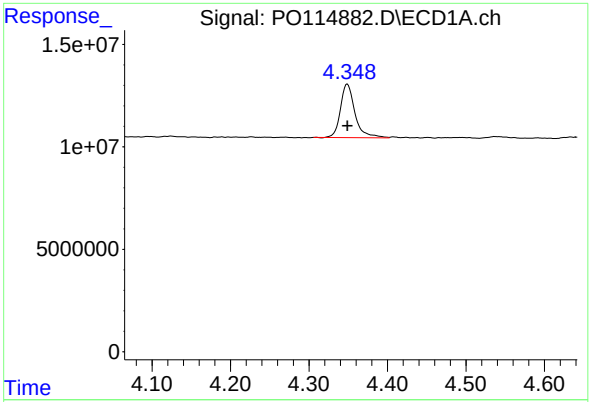
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

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







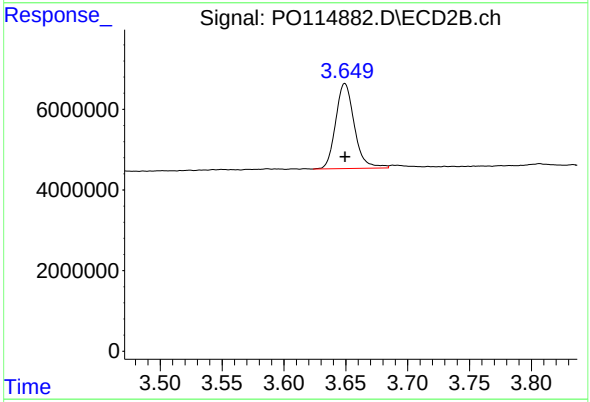
#1 Tetrachloro-m-xylene

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 33472896
Conc: 4.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

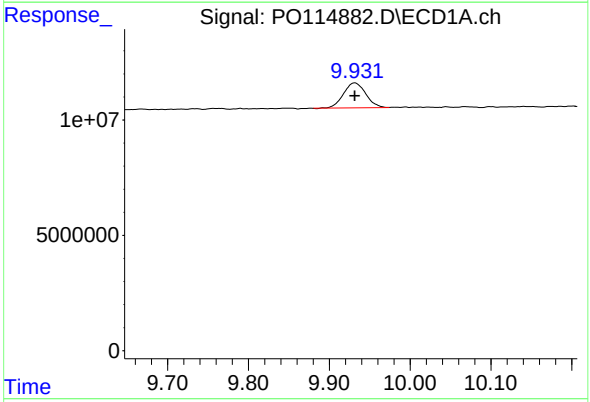
Manual Integrations APPROVED

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



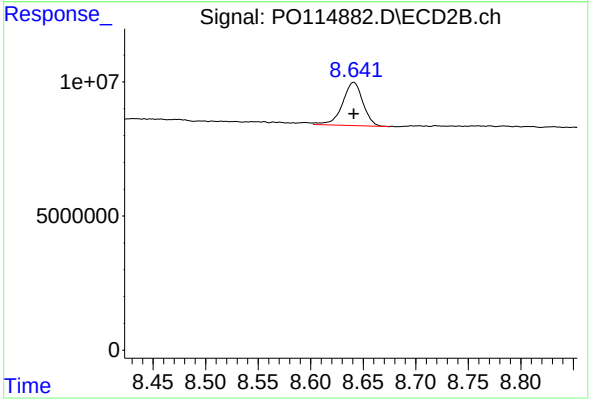
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 22185295
Conc: 4.74 ng/ml



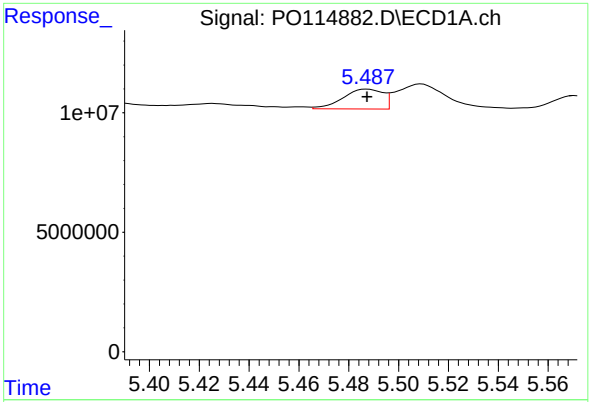
#2 Decachlorobiphenyl

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



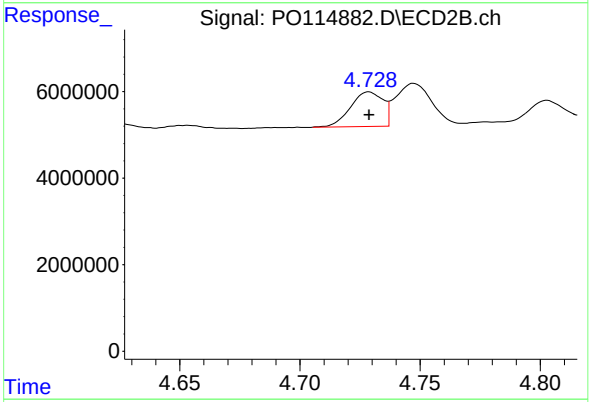
#16 AR-1242-1

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 9217524
Conc: 49.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

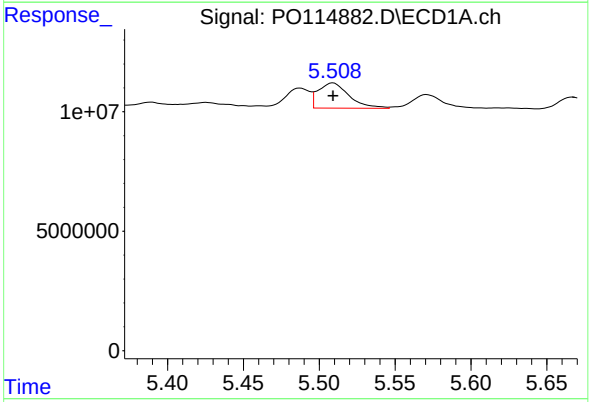
Manual Integrations APPROVED

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



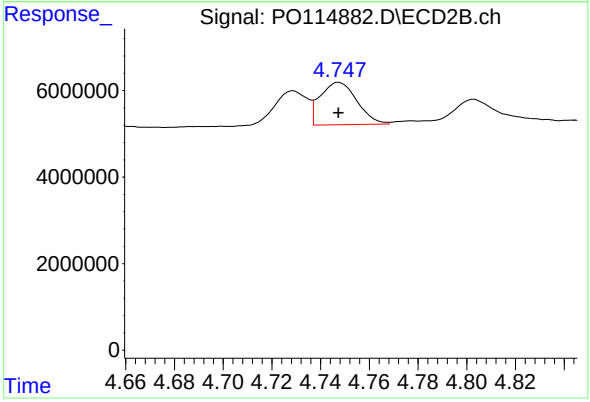
#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 7516814
Conc: 51.41 ng/ml



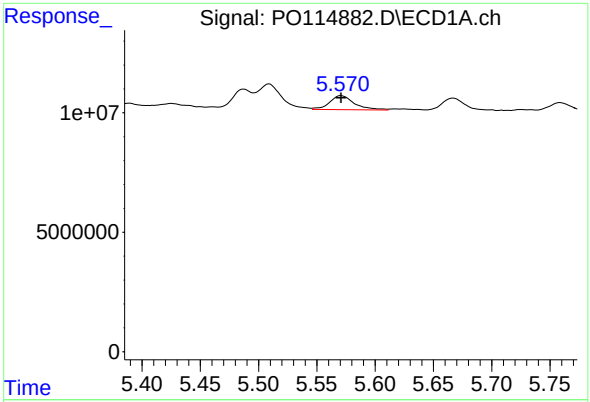
#17 AR-1242-2

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



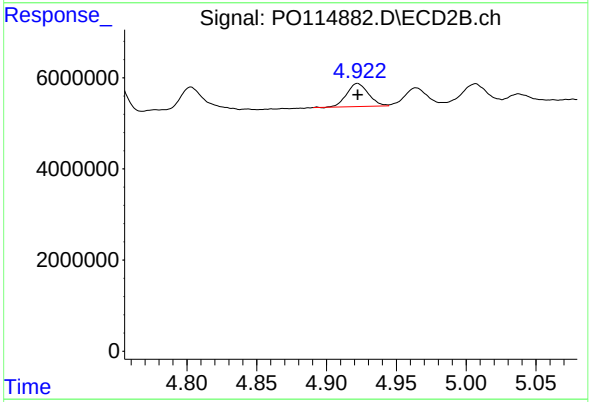
#18 AR-1242-3

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 8818491
Conc: 51.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

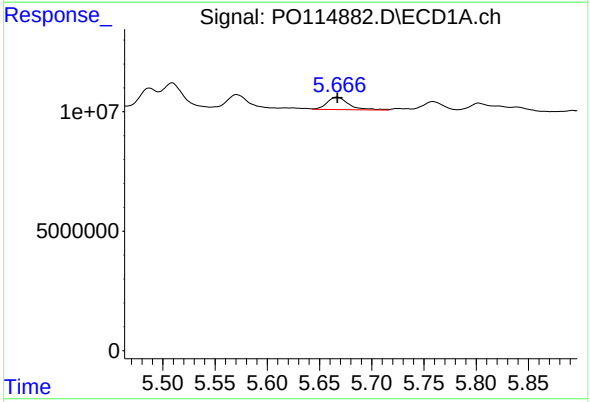
Manual Integrations APPROVED

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



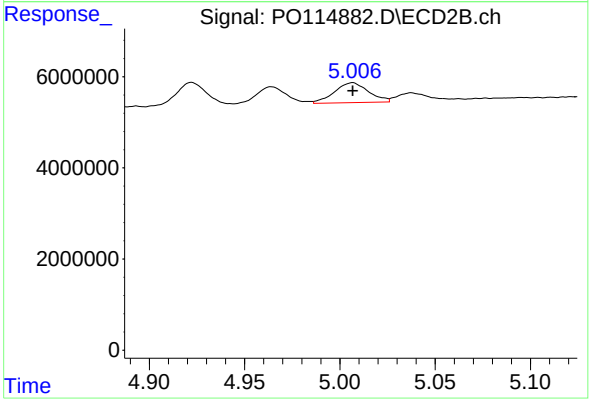
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 5476880
Conc: 48.91 ng/ml



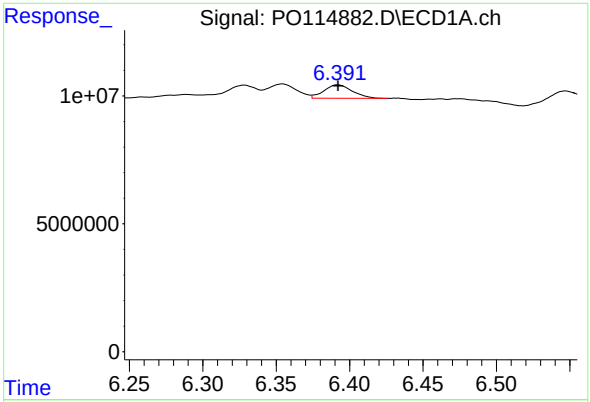
#19 AR-1242-4

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



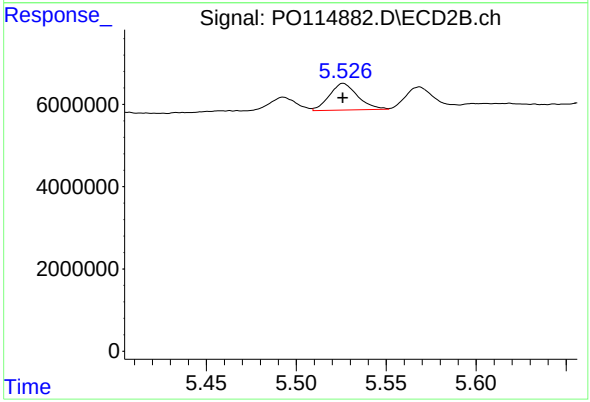
#20 AR-1242-5

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

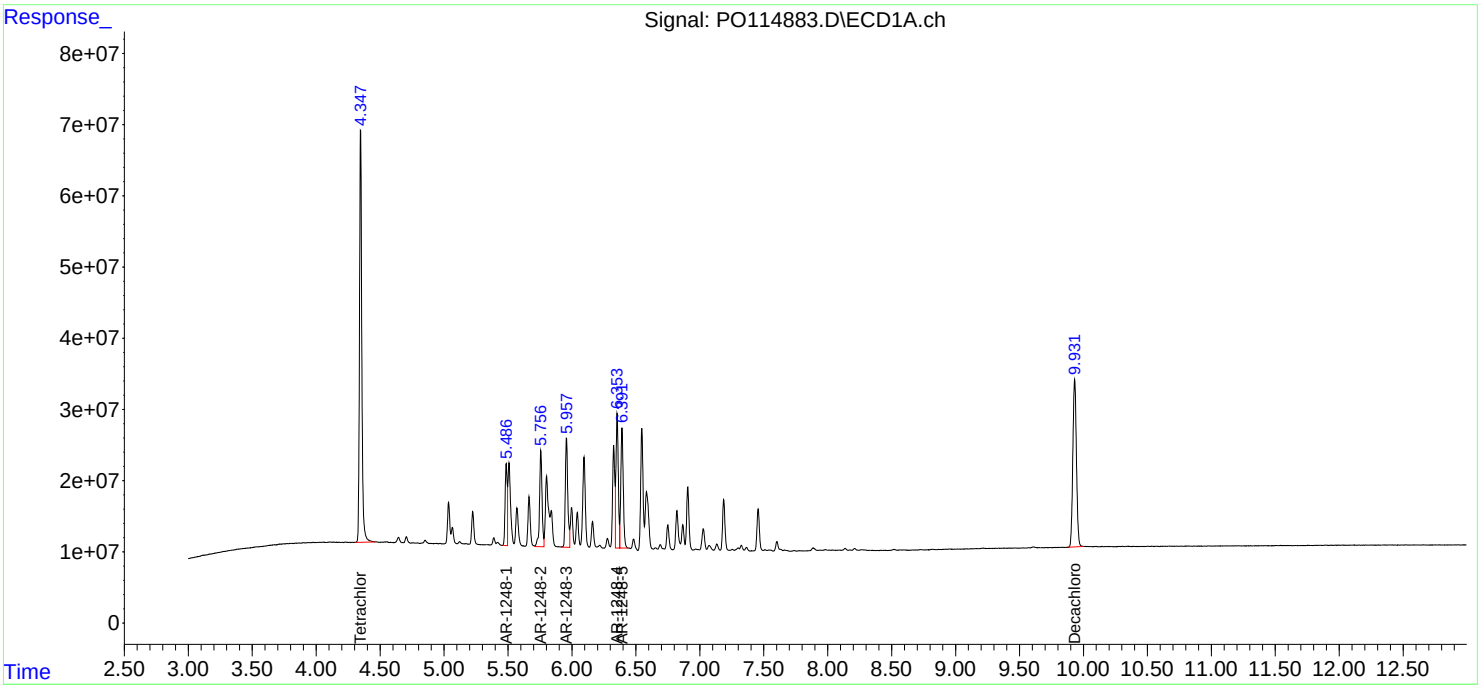
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

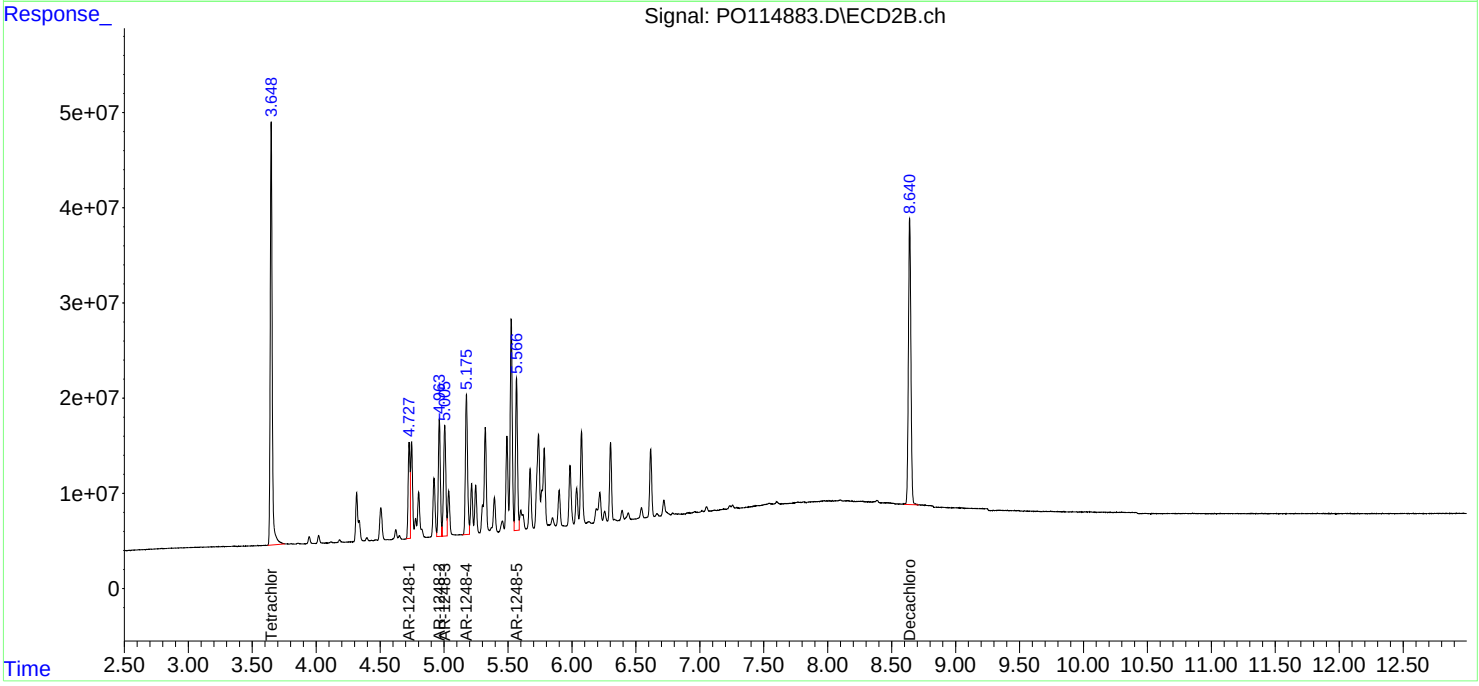
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:19
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

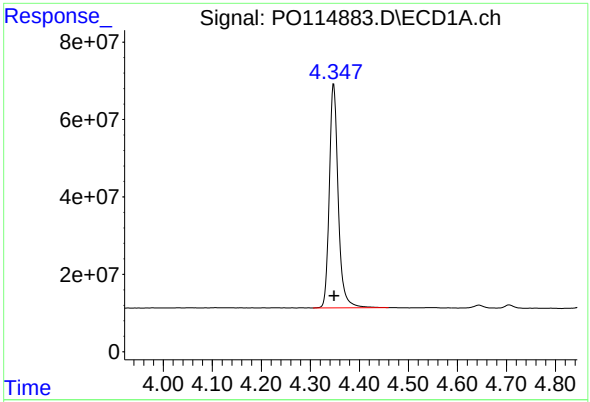
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

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



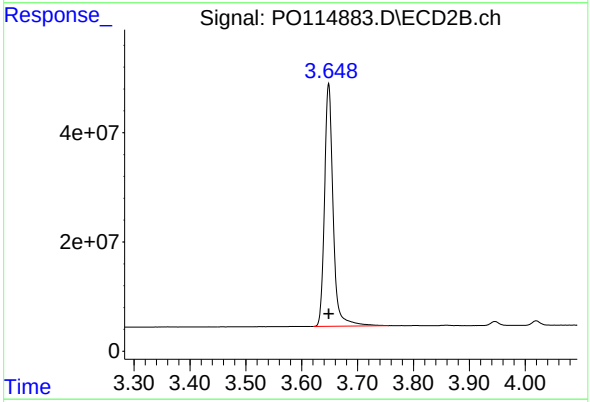




#1 Tetrachloro-m-xylene

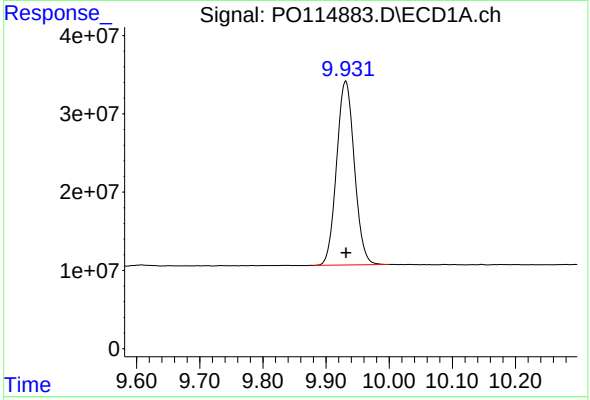
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 731654136
Conc: 98.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



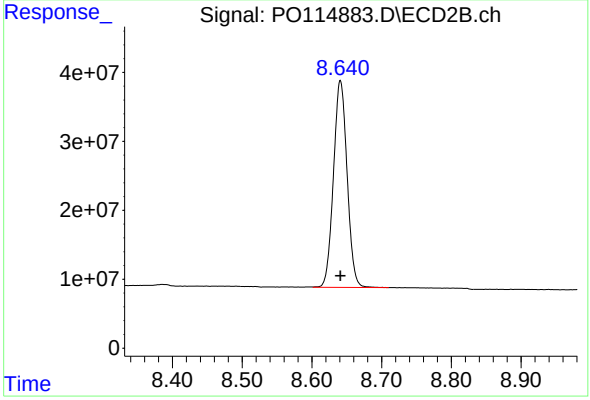
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 475850908
Conc: 98.61 ng/ml



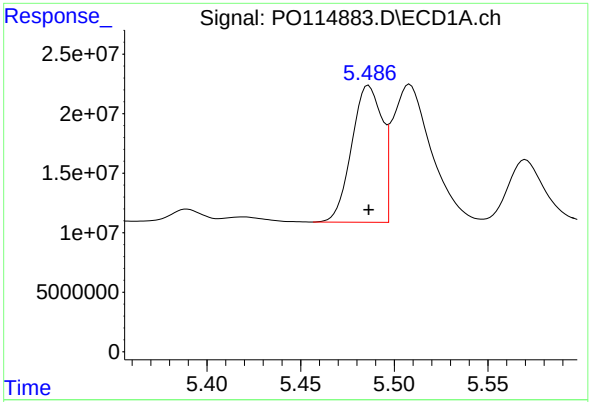
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 459072029
Conc: 98.35 ng/ml



#2 Decachlorobiphenyl

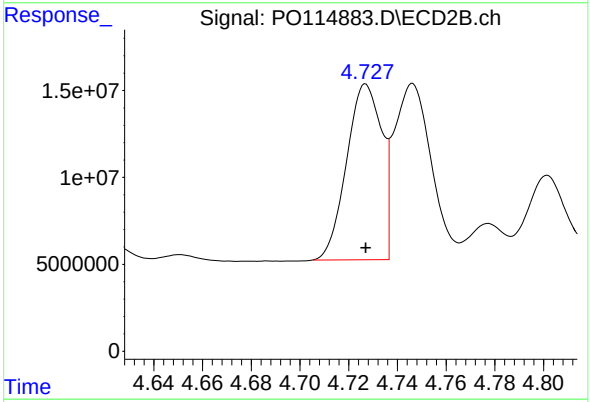
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 407604233
Conc: 97.44 ng/ml



#21 AR-1248-1

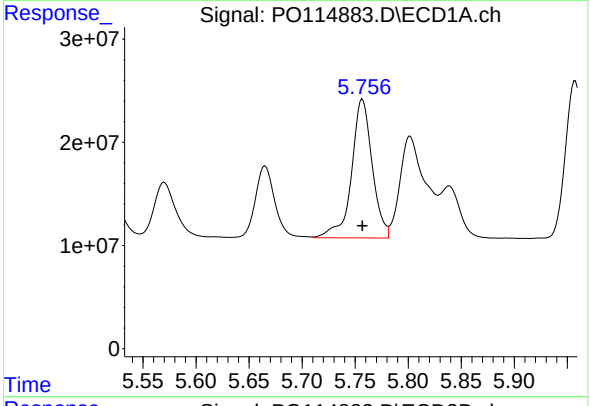
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 130126160
Conc: 970.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



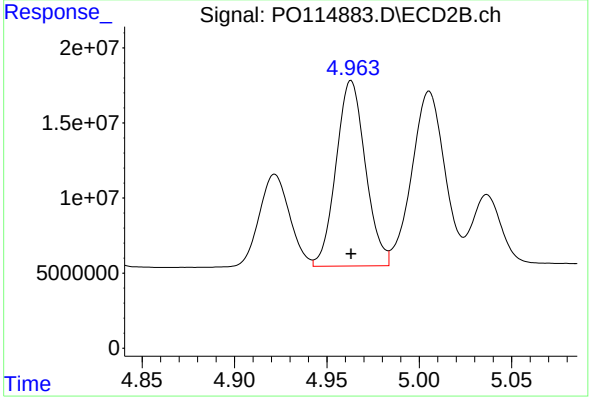
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 101027399
Conc: 951.79 ng/ml



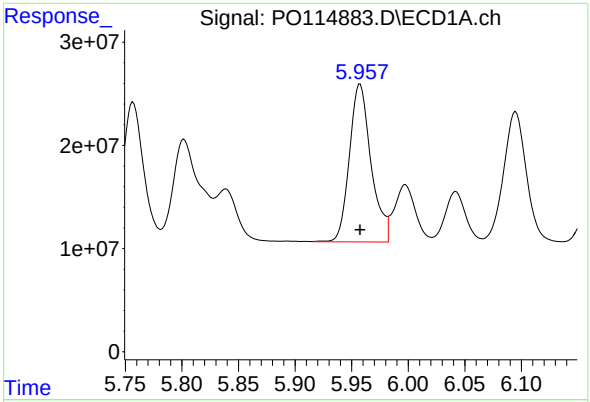
#22 AR-1248-2

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 182893435
Conc: 970.36 ng/ml



#22 AR-1248-2

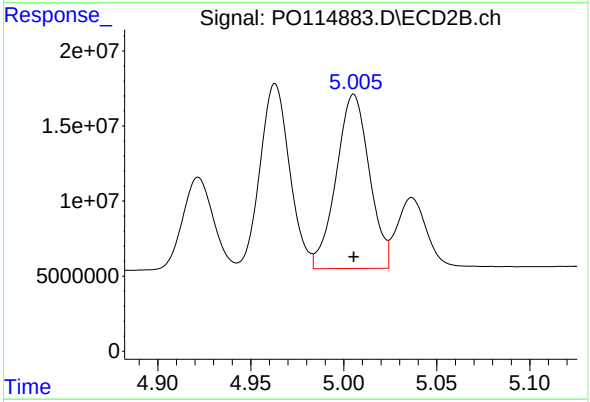
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 136540550
Conc: 957.94 ng/ml



#23 AR-1248-3

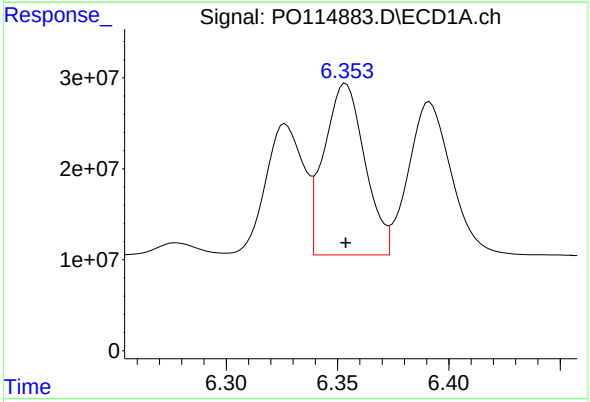
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 203368877
Conc: 974.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



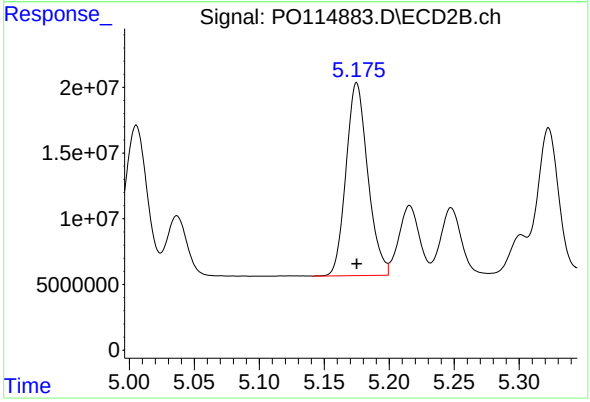
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 143887712
Conc: 961.30 ng/ml



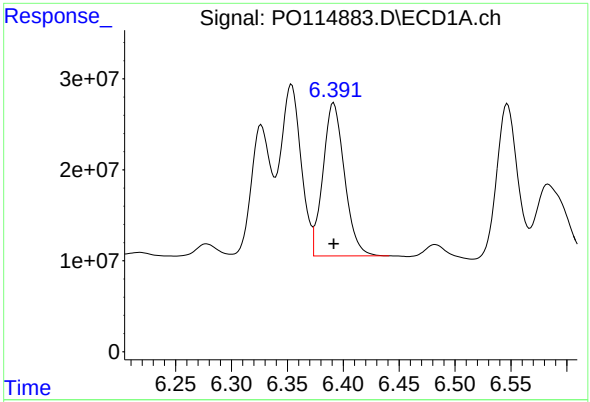
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 240181487
Conc: 968.41 ng/ml



#24 AR-1248-4

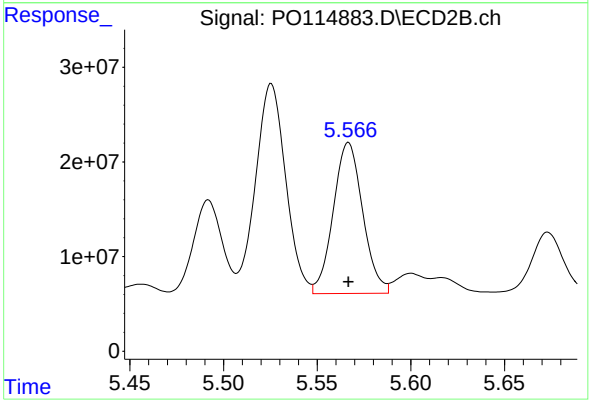
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 171266913
Conc: 963.69 ng/ml



#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

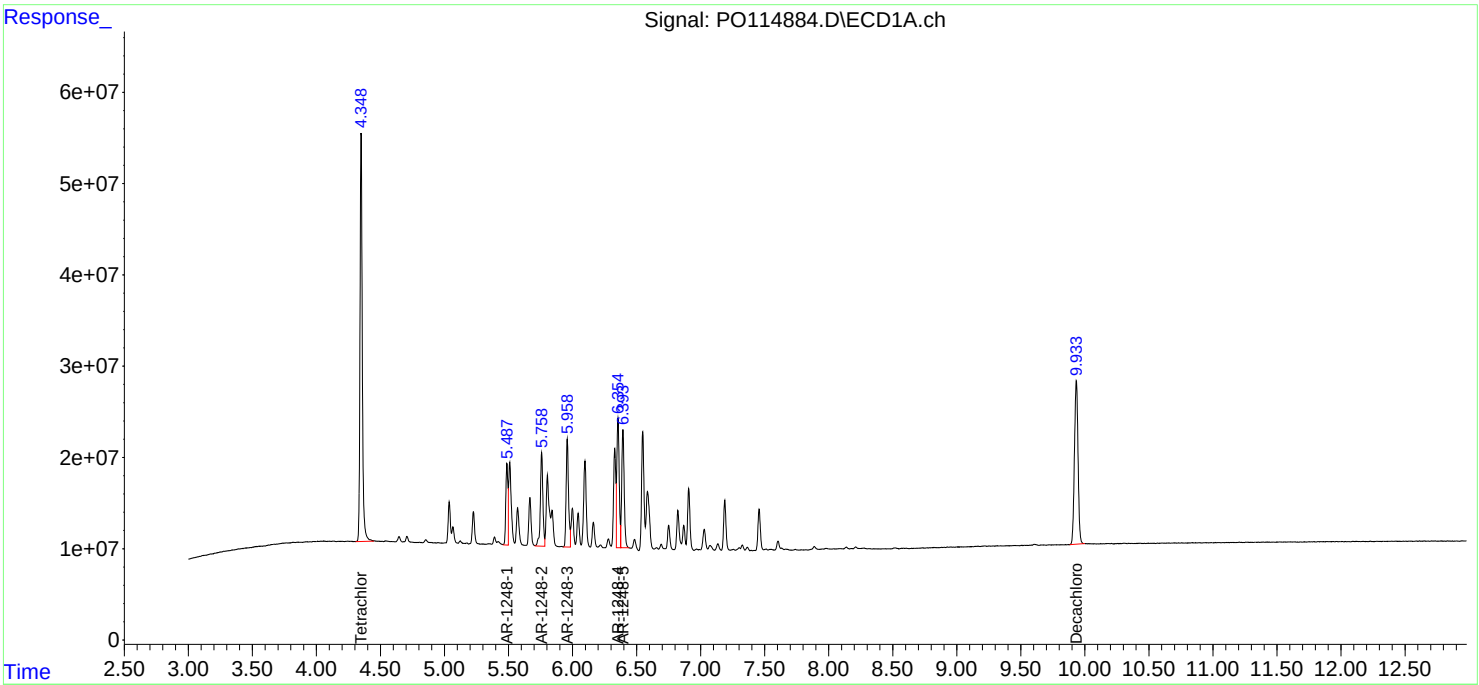
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

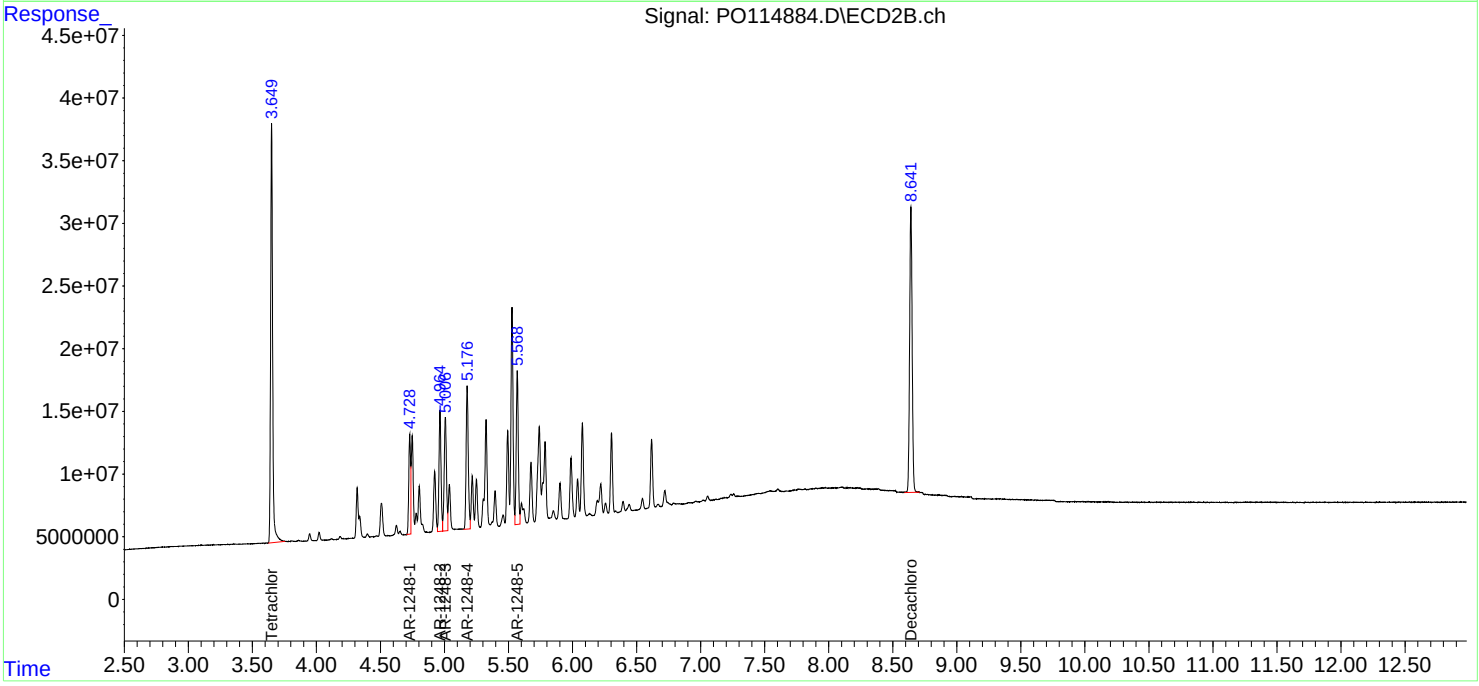
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114884.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:37
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

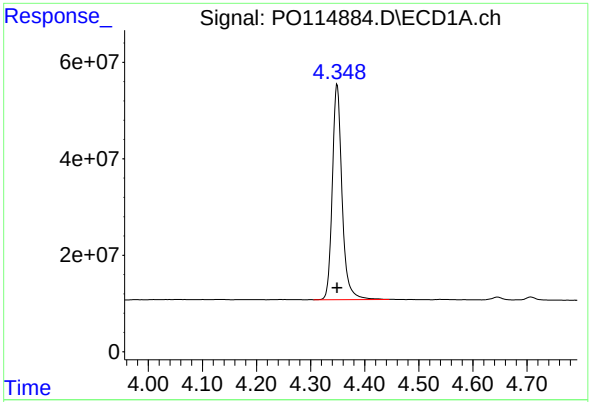
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

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



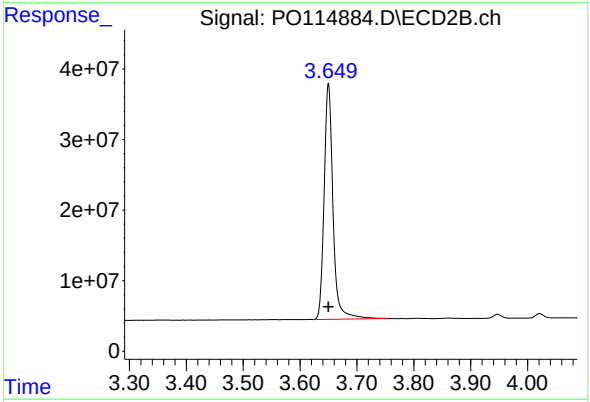




#1 Tetrachloro-m-xylene

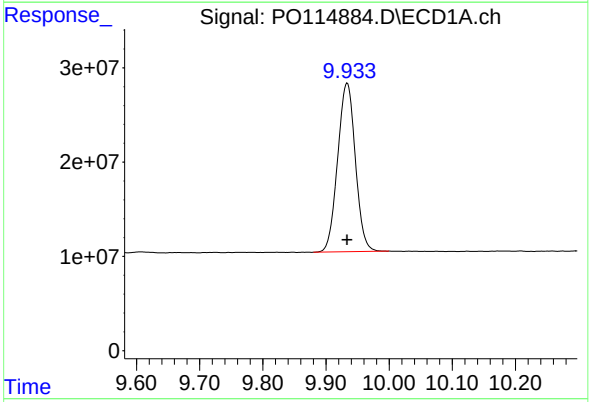
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 558220114
Conc: 75.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



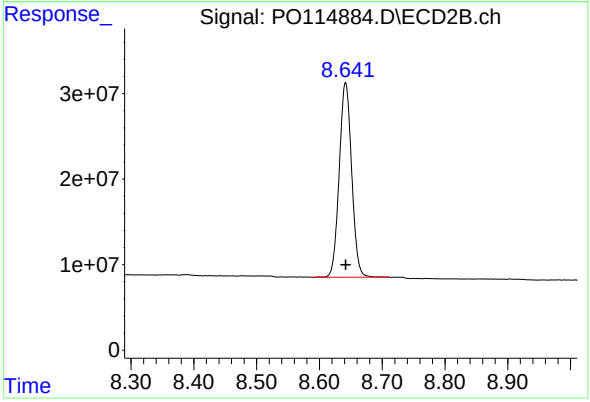
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 362215909
Conc: 75.04 ng/ml



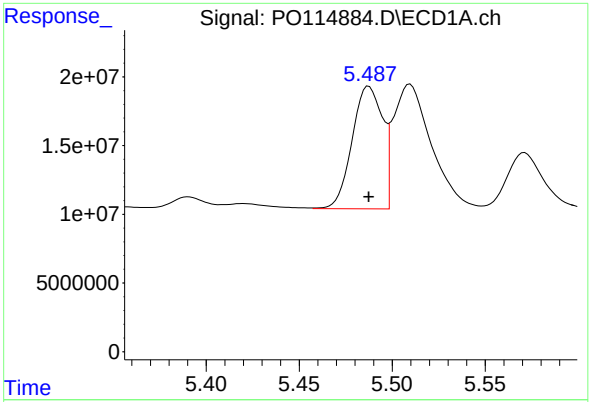
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 348551615
Conc: 74.78 ng/ml



#2 Decachlorobiphenyl

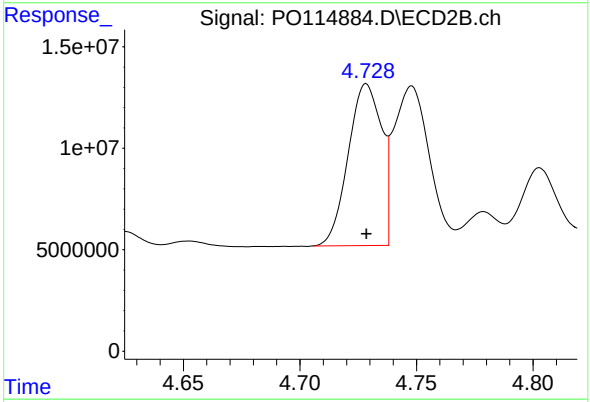
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 312456644
Conc: 74.80 ng/ml



#21 AR-1248-1

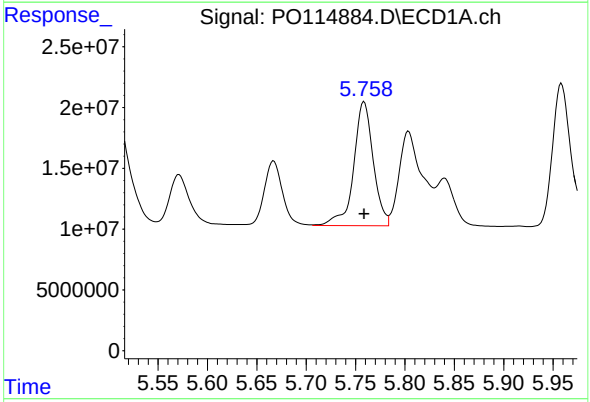
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 101433357
Conc: 754.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



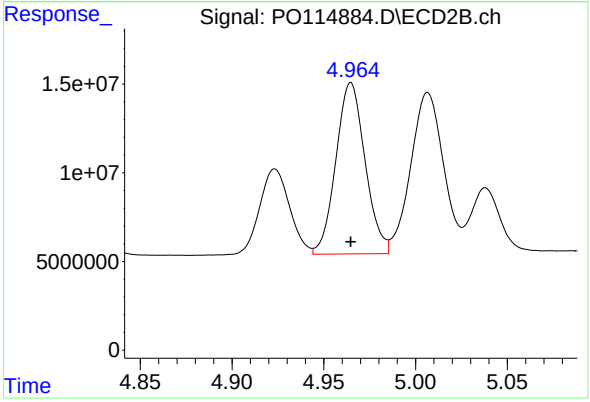
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 79219349
Conc: 747.55 ng/ml



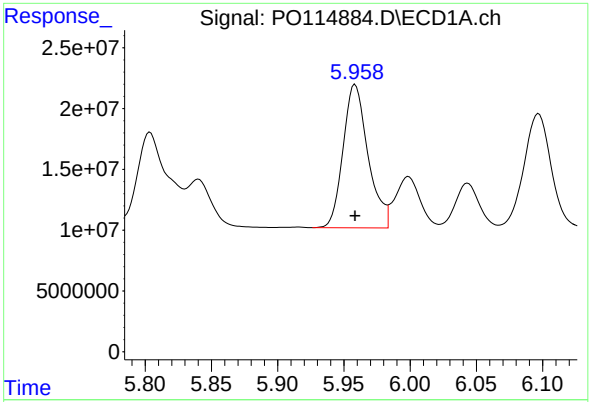
#22 AR-1248-2

R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 140760121
Conc: 747.88 ng/ml



#22 AR-1248-2

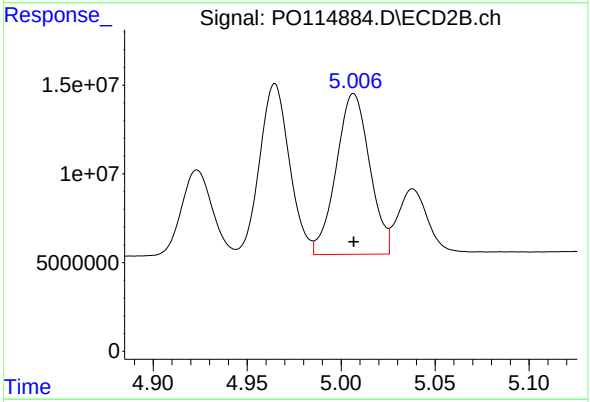
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 106945642
Conc: 750.21 ng/ml



#23 AR-1248-3

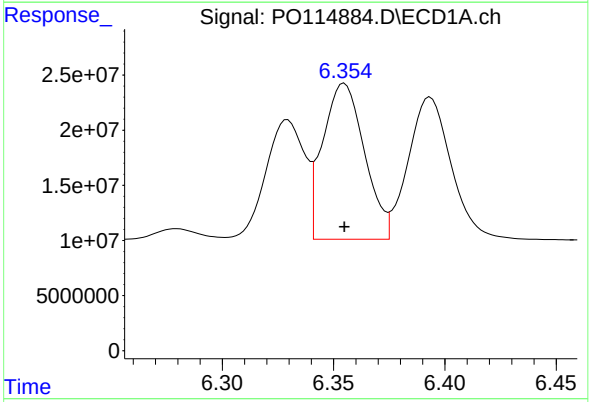
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 154729681
Conc: 744.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



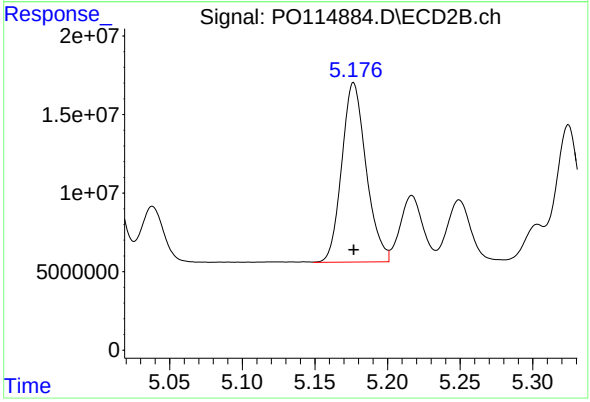
#23 AR-1248-3

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 112415399
Conc: 750.69 ng/ml



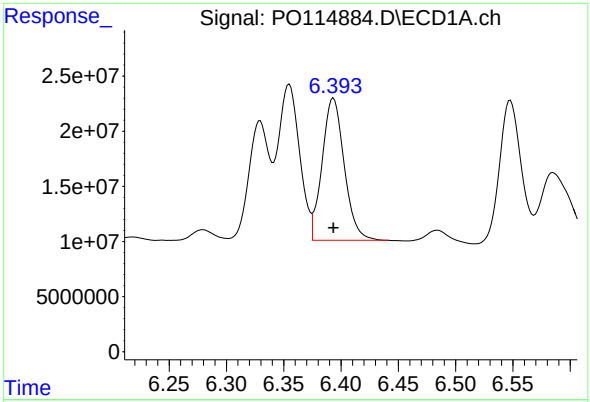
#24 AR-1248-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 184657771
Conc: 746.35 ng/ml



#24 AR-1248-4

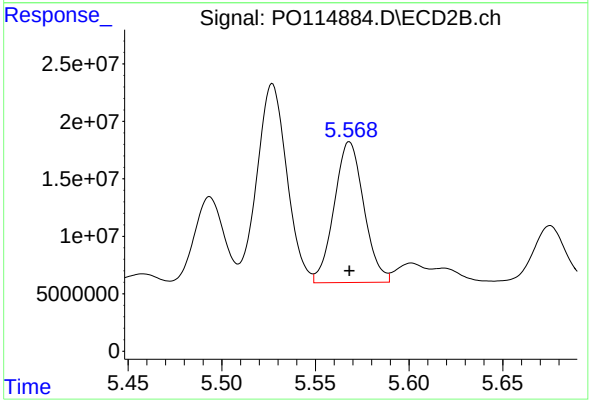
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 133250019
Conc: 749.85 ng/ml



#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

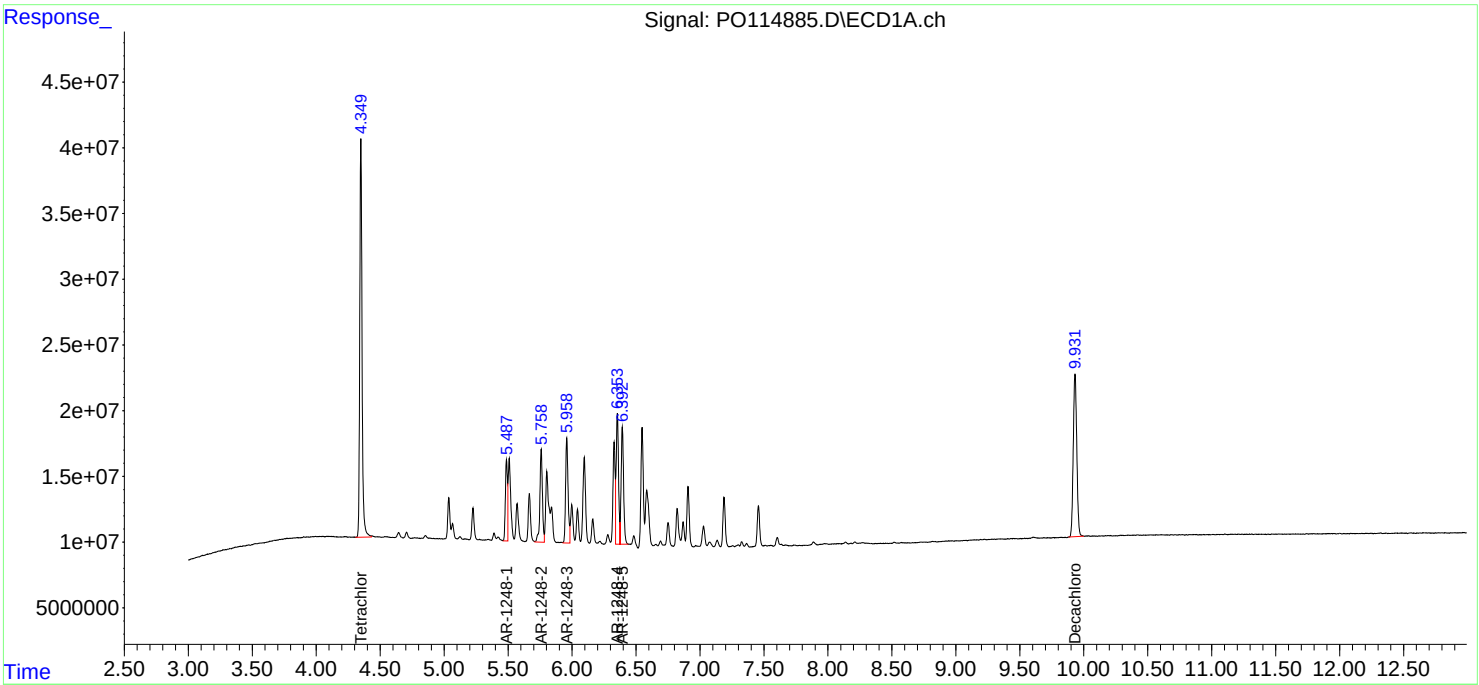
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

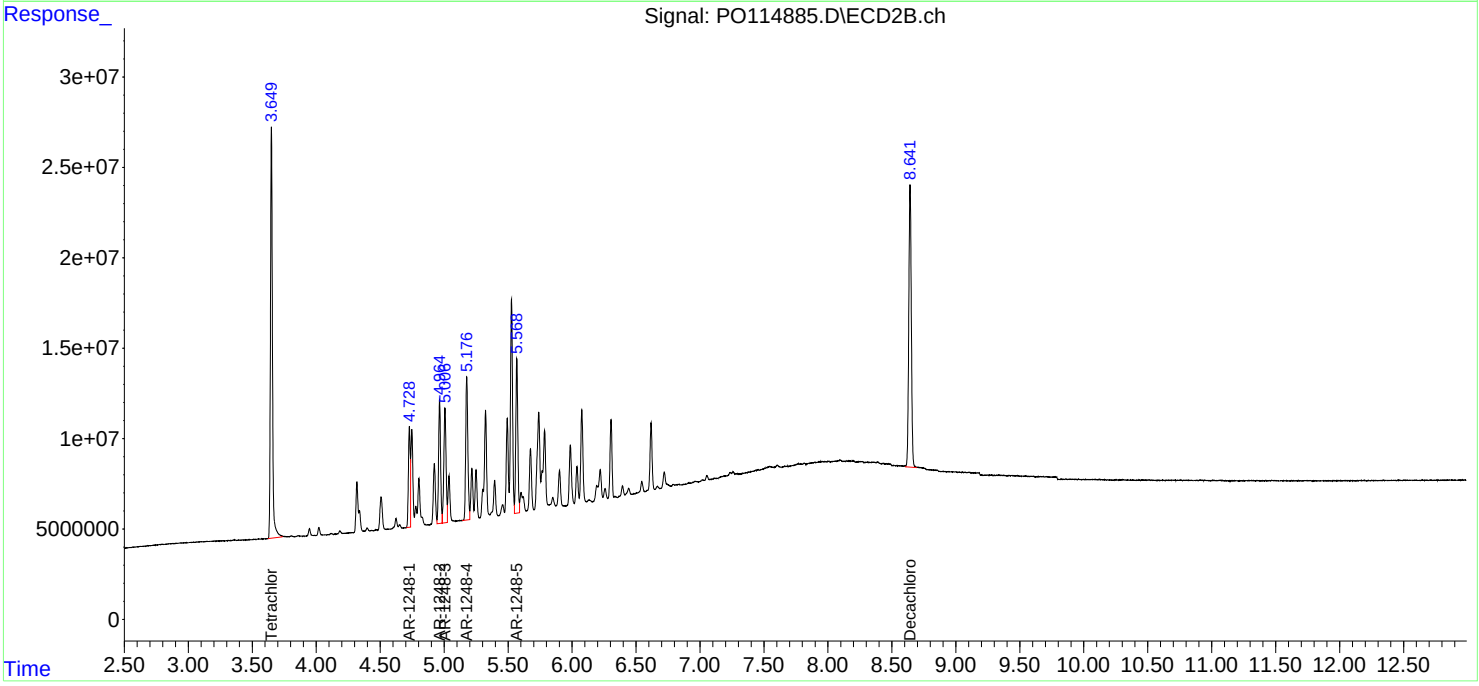
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:56
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

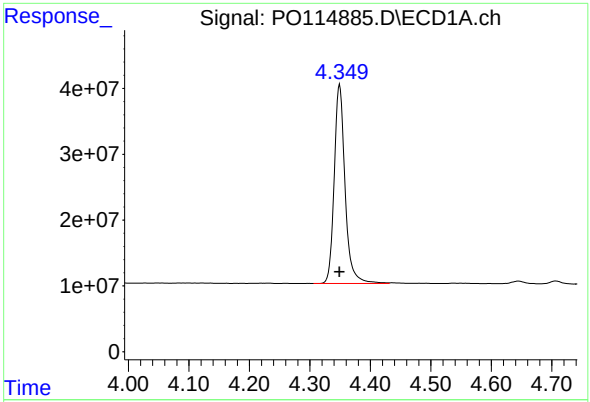
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

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



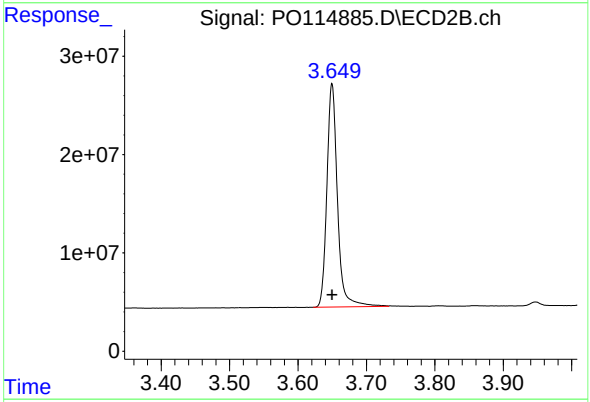




#1 Tetrachloro-m-xylene

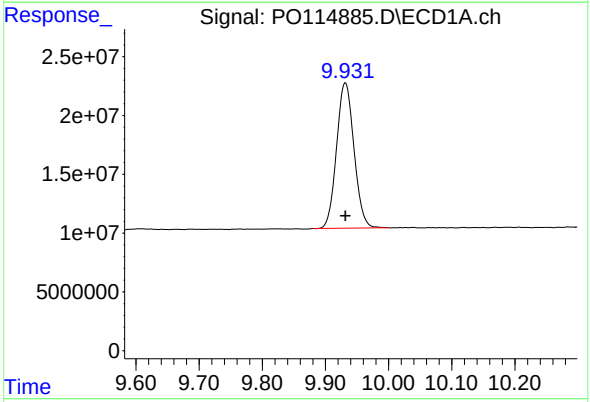
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 376402726
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



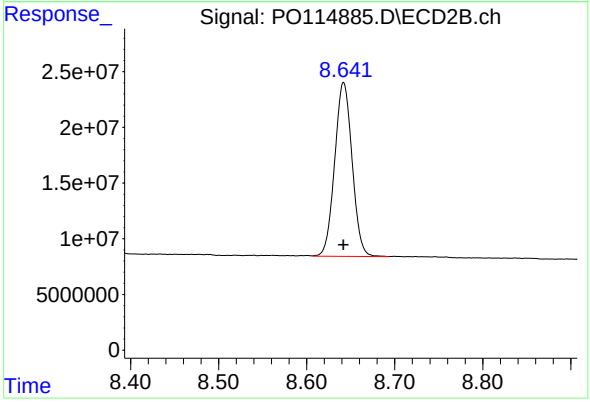
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 244616714
Conc: 50.00 ng/ml



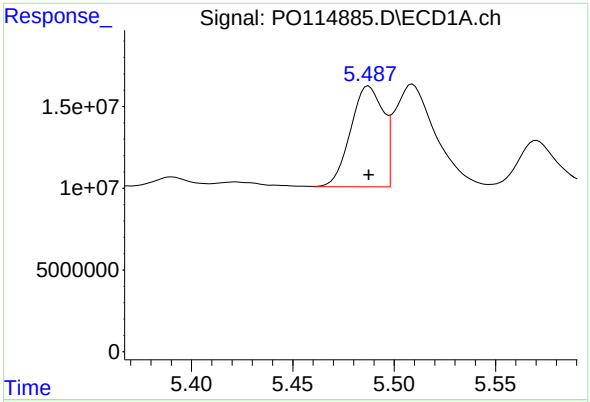
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 237214444
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

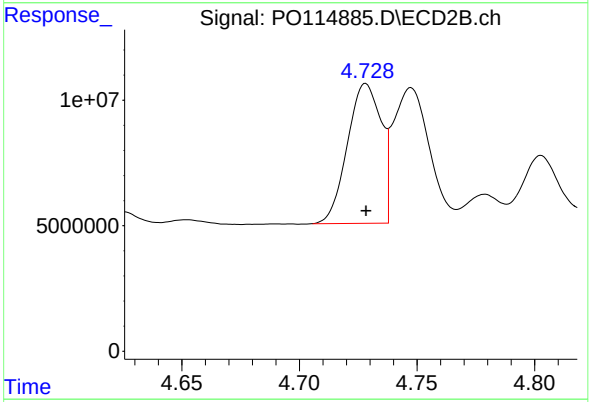
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 214506201
Conc: 50.00 ng/ml



#21 AR-1248-1

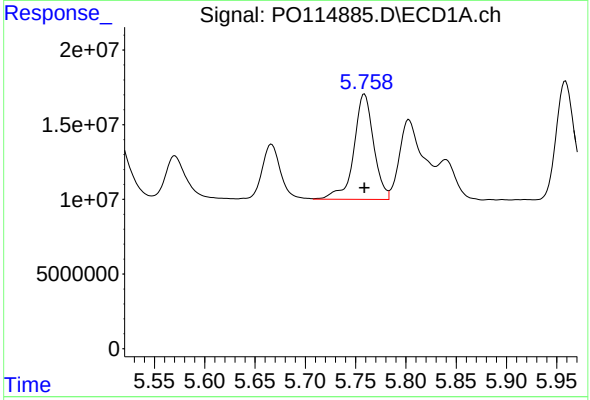
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 68954500
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



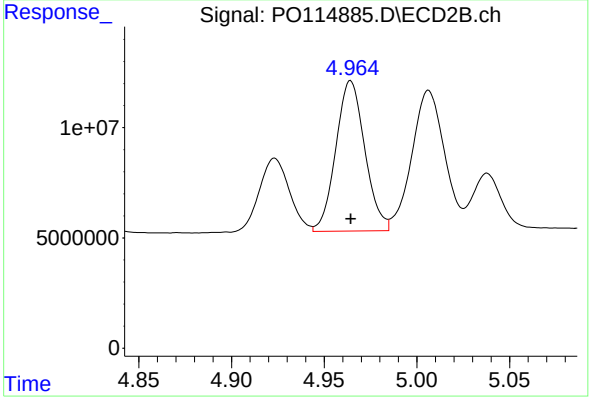
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 55631193
Conc: 500.00 ng/ml



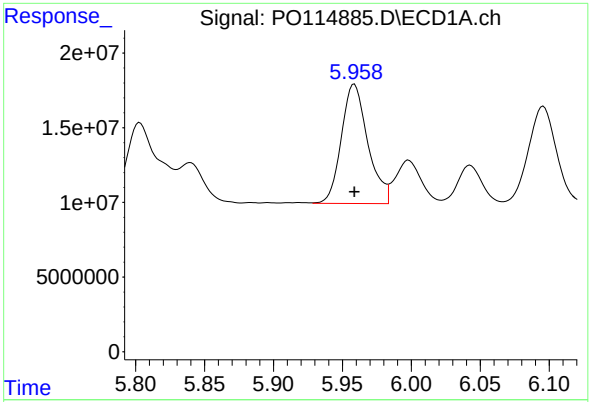
#22 AR-1248-2

R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 97032346
Conc: 500.00 ng/ml



#22 AR-1248-2

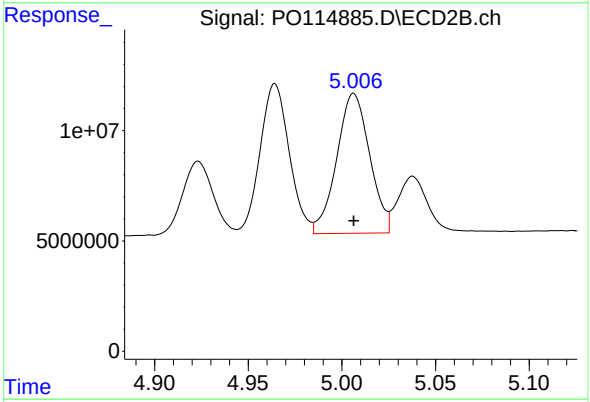
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 74265259
Conc: 500.00 ng/ml



#23 AR-1248-3

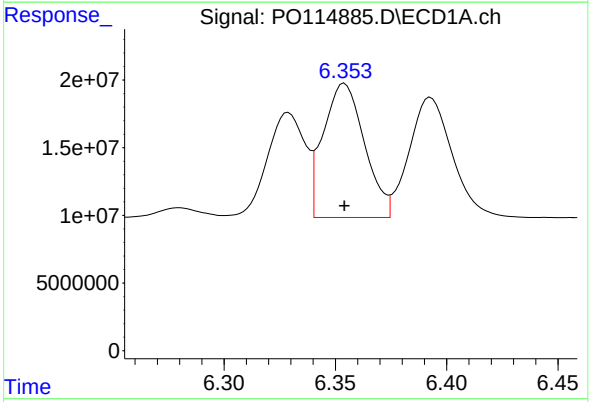
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 106991977
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



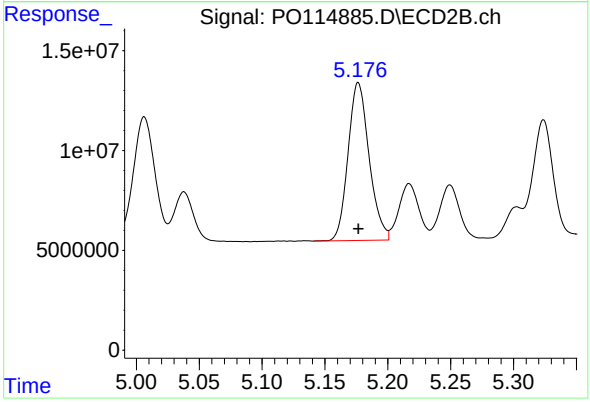
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 77737125
Conc: 500.00 ng/ml



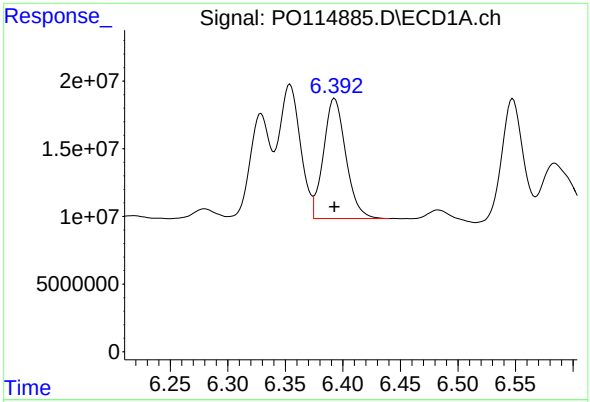
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 127924322
Conc: 500.00 ng/ml



#24 AR-1248-4

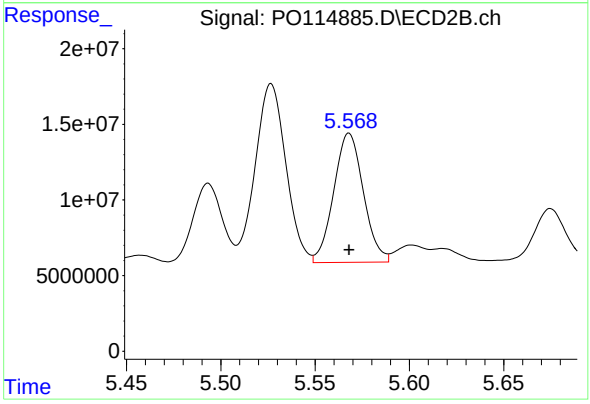
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 92085877
Conc: 500.00 ng/ml



#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

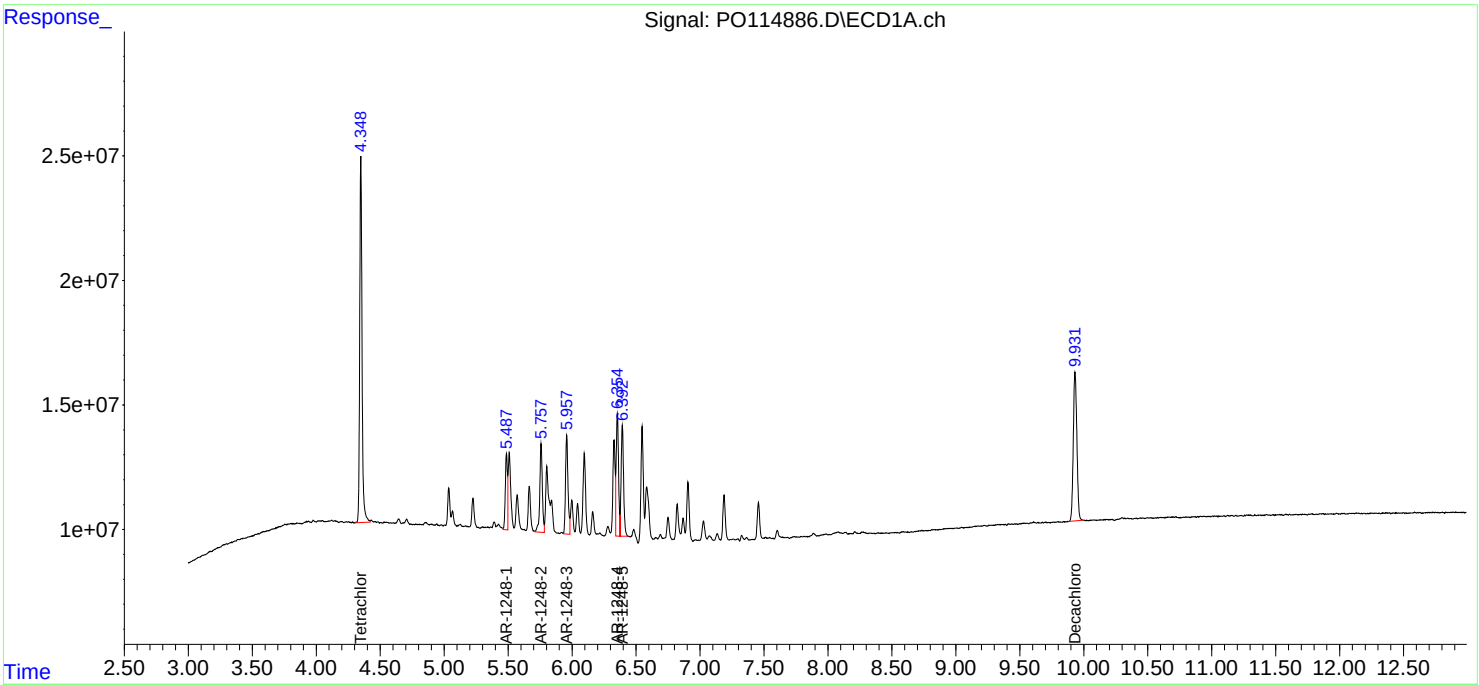
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

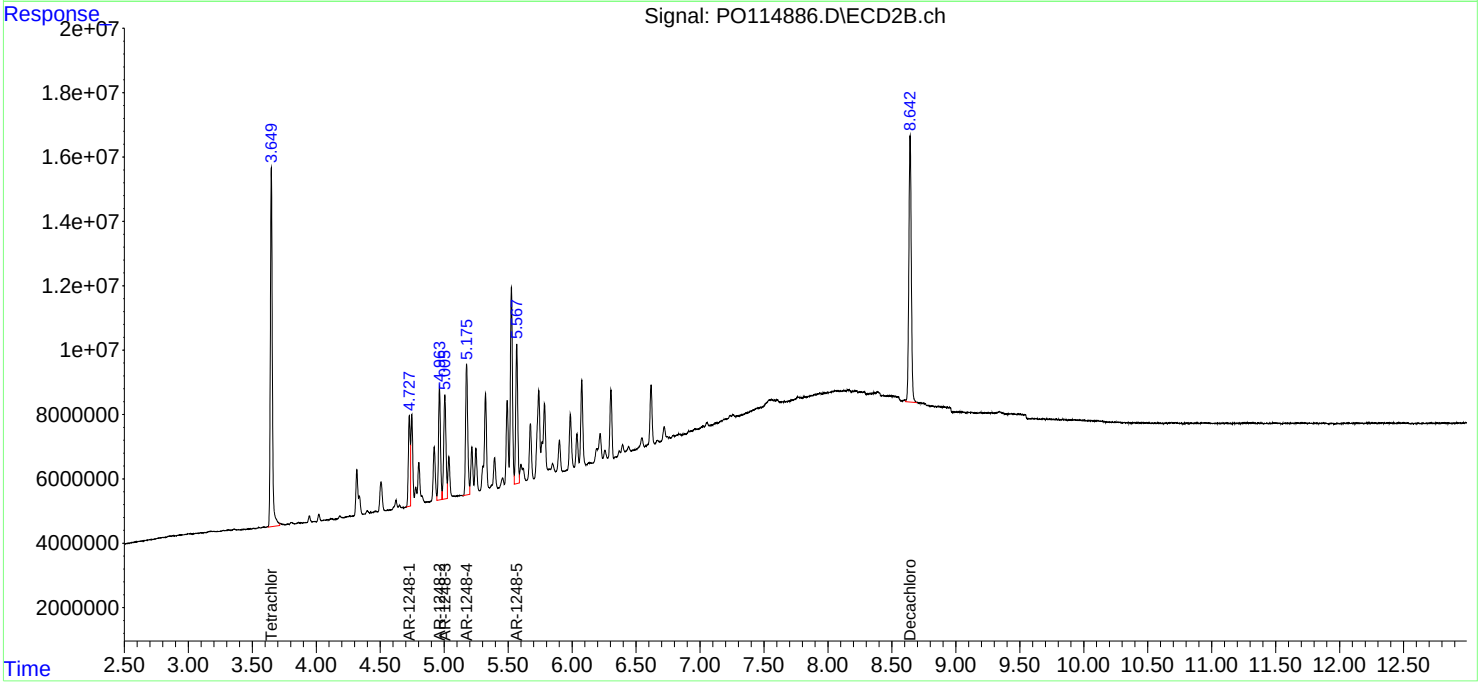
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:14
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

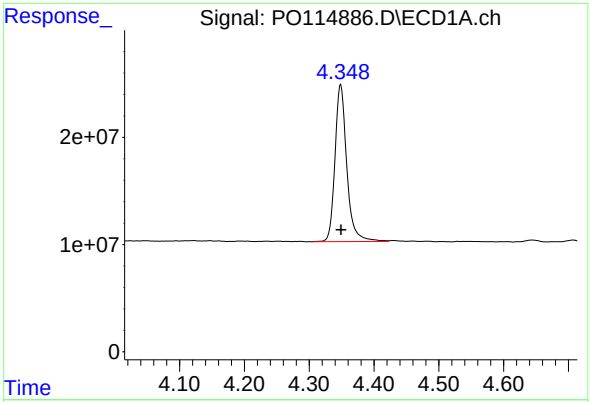
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

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



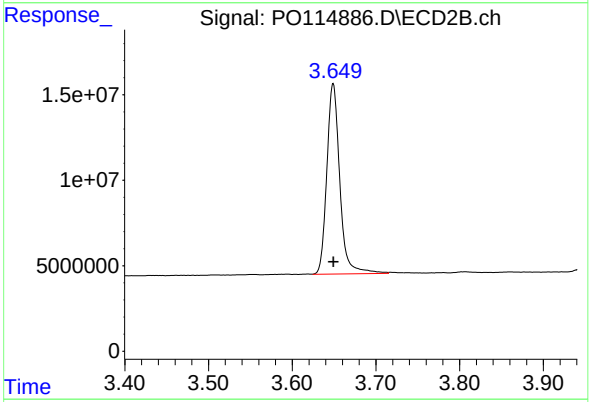




#1 Tetrachloro-m-xylene

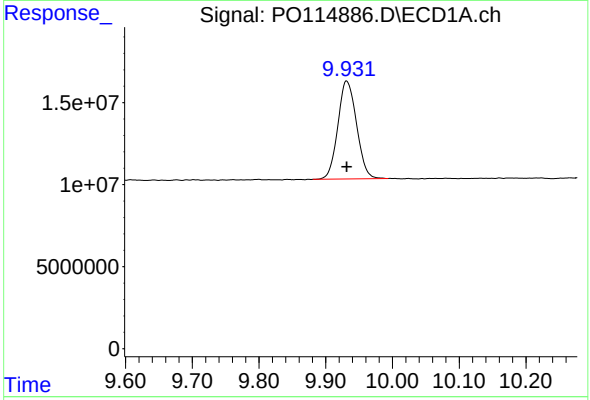
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 185065214
Conc: 24.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



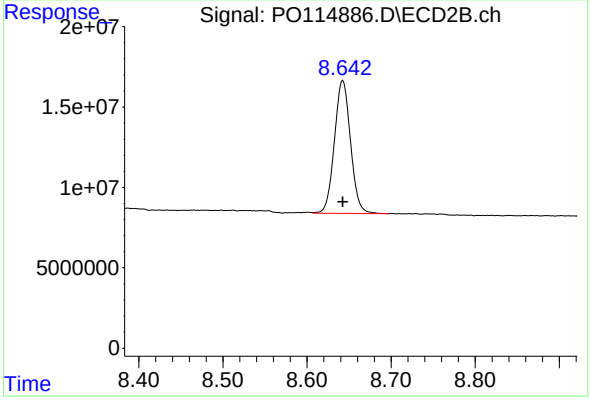
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 120280239
Conc: 24.94 ng/ml



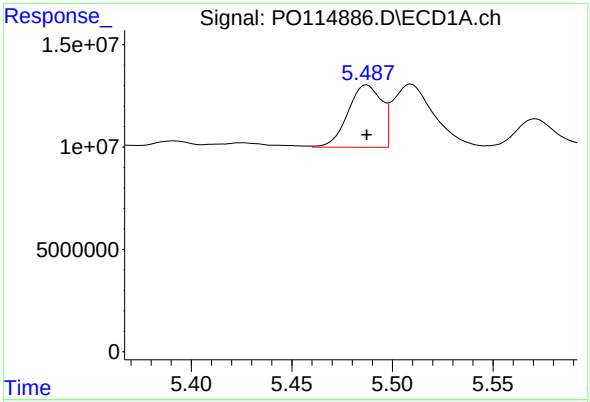
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 116530069
Conc: 25.00 ng/ml



#2 Decachlorobiphenyl

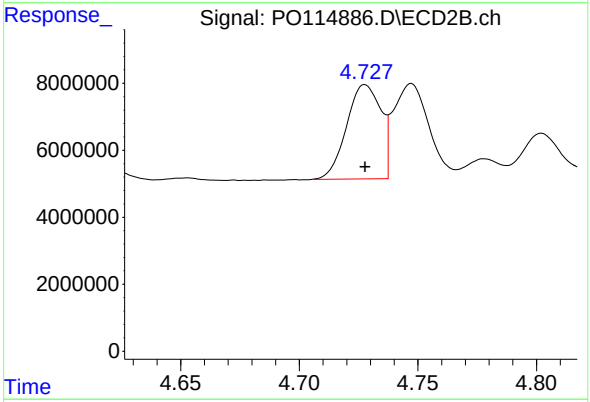
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 110081763
Conc: 26.00 ng/ml



#21 AR-1248-1

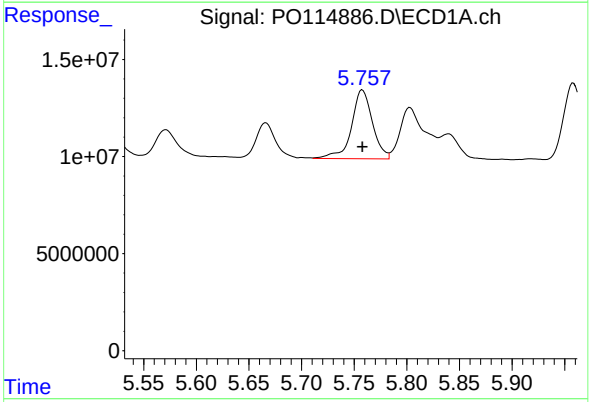
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 35435549
Conc: 260.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



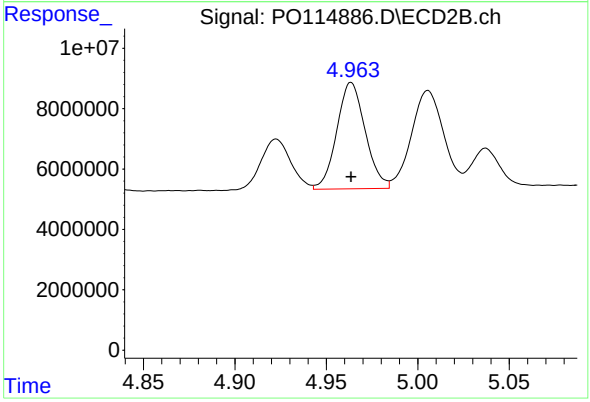
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 28273297
Conc: 262.39 ng/ml



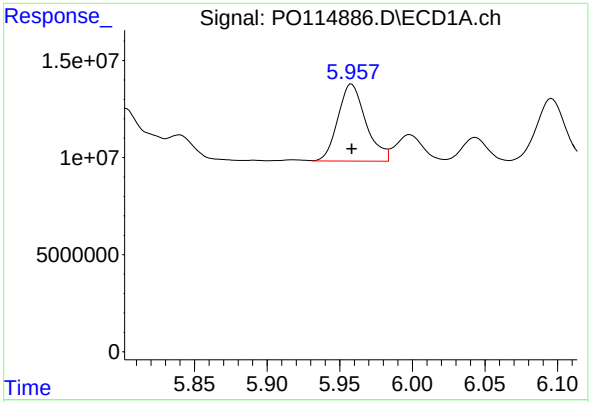
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 49098195
Conc: 258.06 ng/ml



#22 AR-1248-2

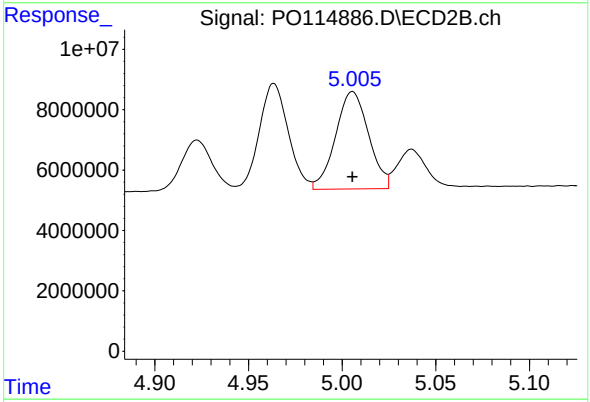
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 38173242
Conc: 263.10 ng/ml



#23 AR-1248-3

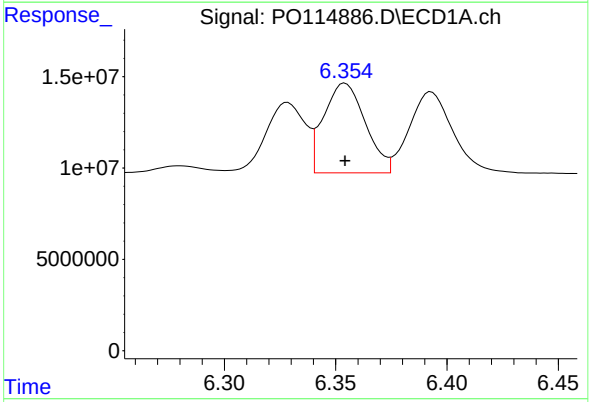
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 53231777
Conc: 254.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



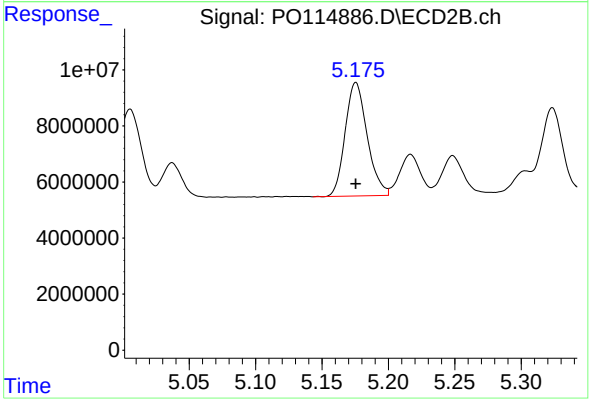
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 39587309
Conc: 260.61 ng/ml



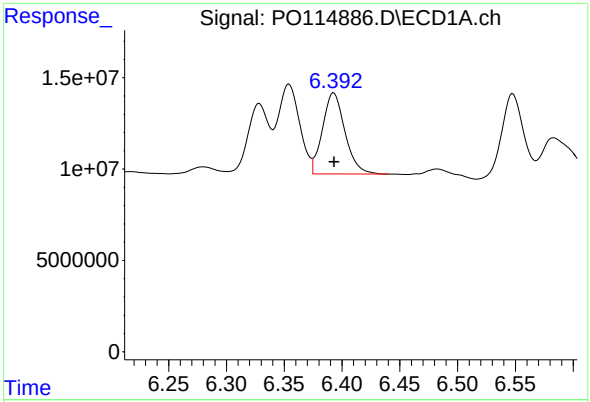
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 63989316
Conc: 256.42 ng/ml



#24 AR-1248-4

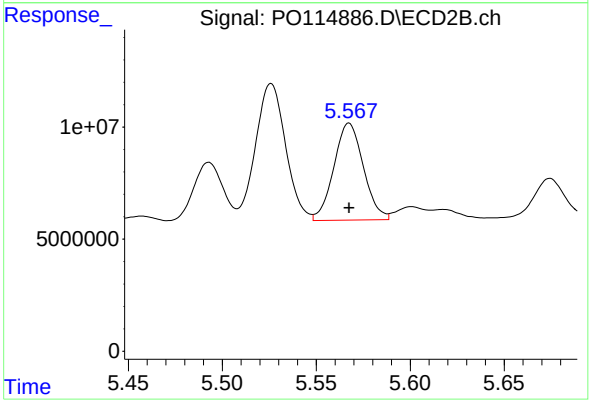
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 46878477
Conc: 260.21 ng/ml



#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

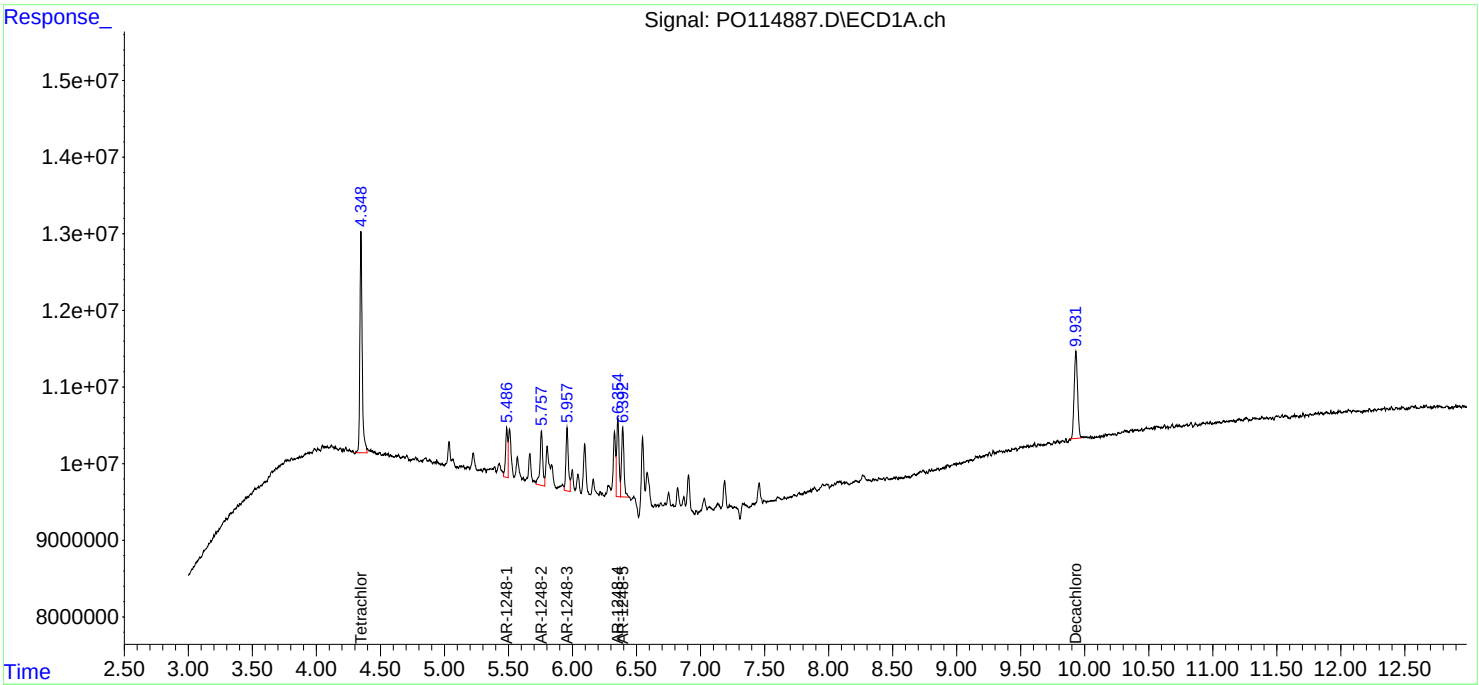
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

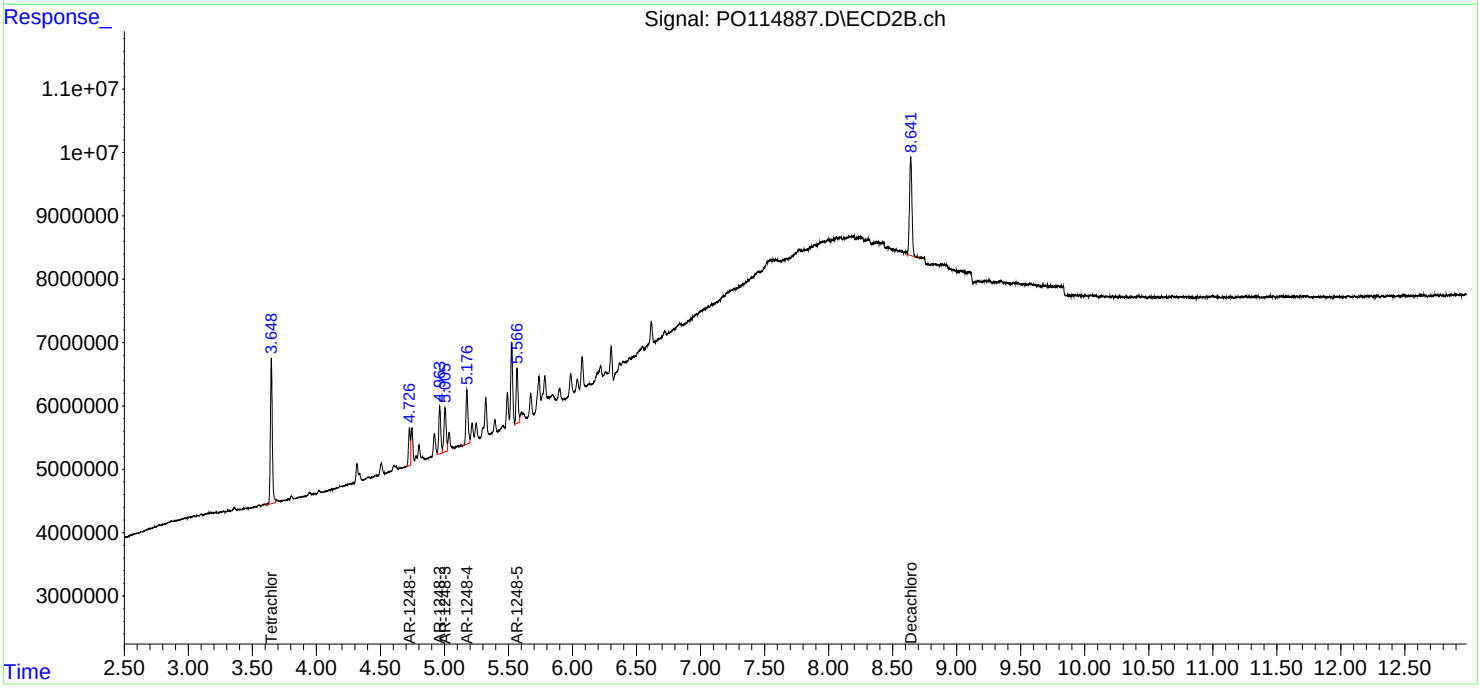
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:33
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

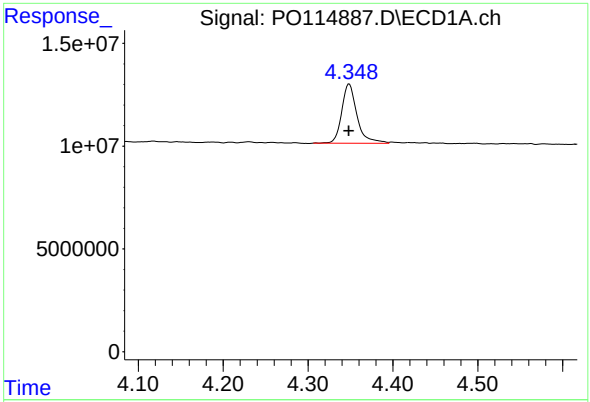
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

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



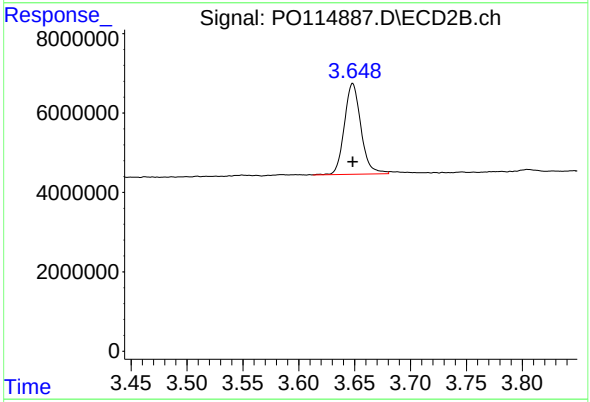




#1 Tetrachloro-m-xylene

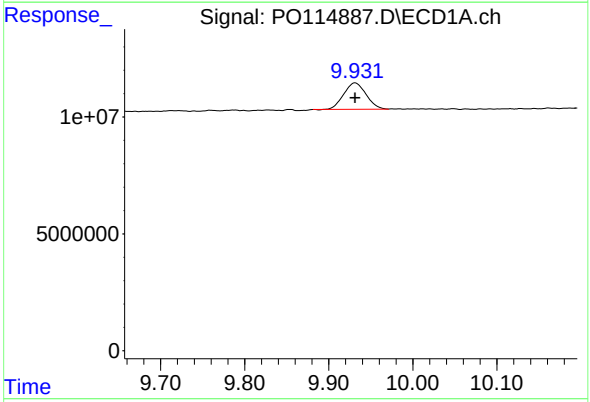
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 36092002
Conc: 4.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



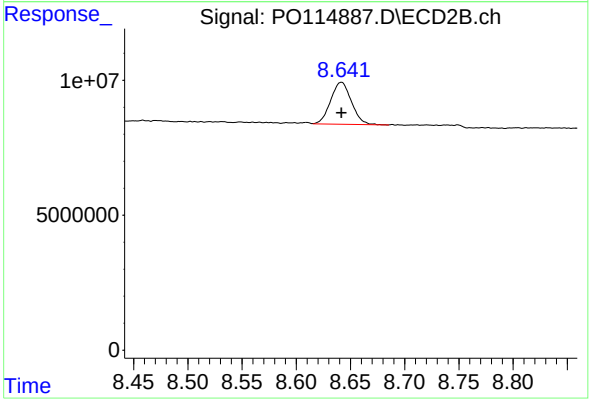
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 23635170
Conc: 4.92 ng/ml



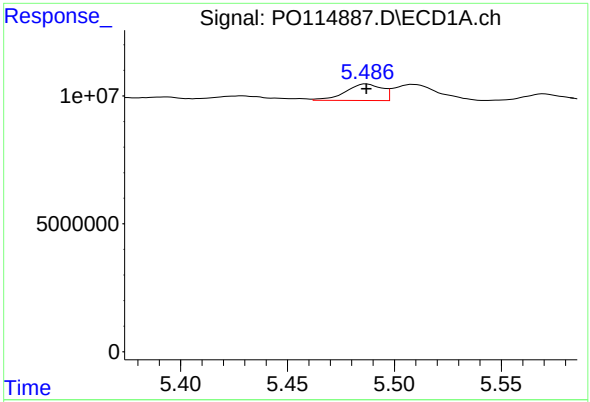
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 21056806
Conc: 4.61 ng/ml



#2 Decachlorobiphenyl

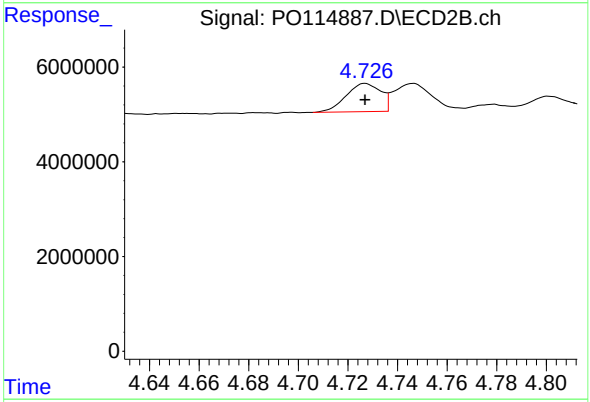
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 20723944
Conc: 4.92 ng/ml



#21 AR-1248-1

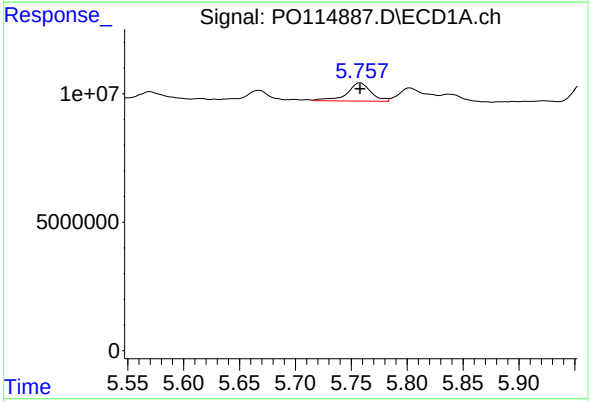
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 7710330
Conc: 55.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



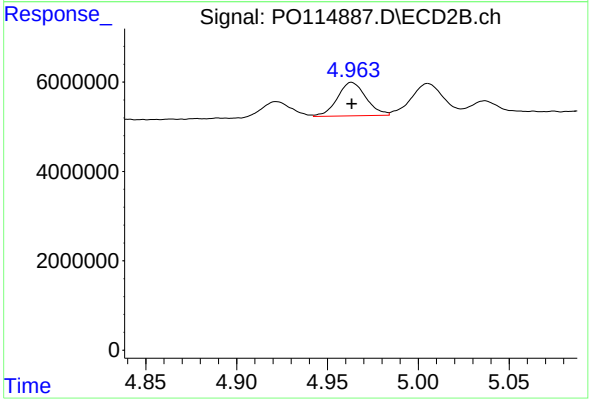
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 5776990
Conc: 52.85 ng/ml



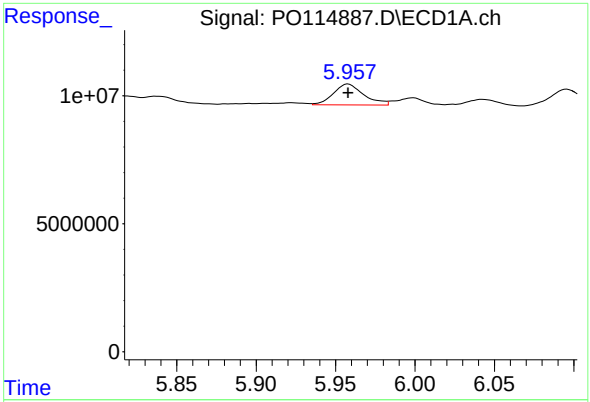
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 10567680
Conc: 54.34 ng/ml



#22 AR-1248-2

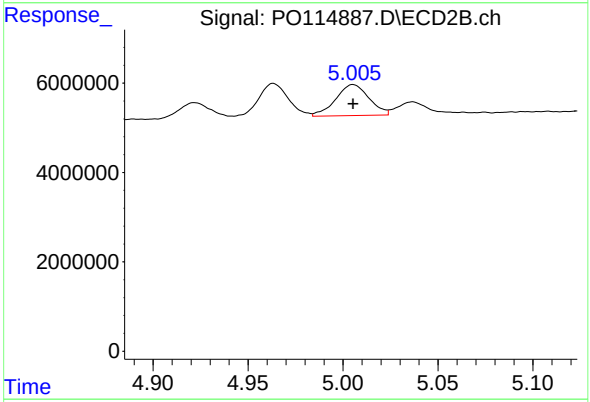
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 8207209
Conc: 55.12 ng/ml



#23 AR-1248-3

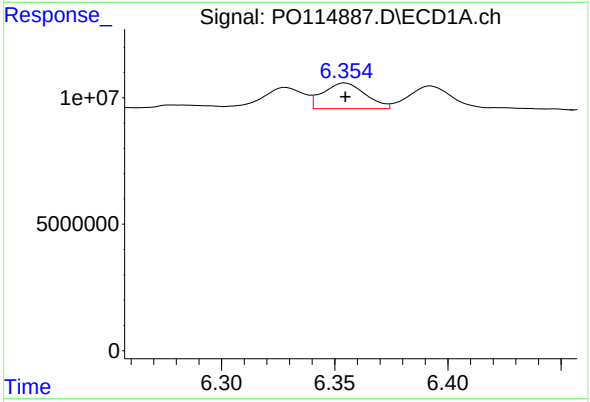
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 10879375
Conc: 51.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



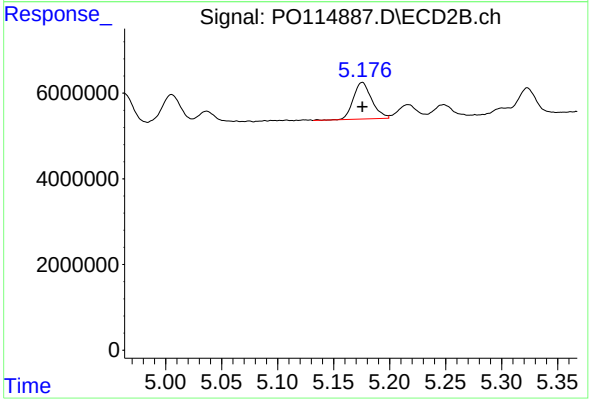
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 8472020
Conc: 54.51 ng/ml



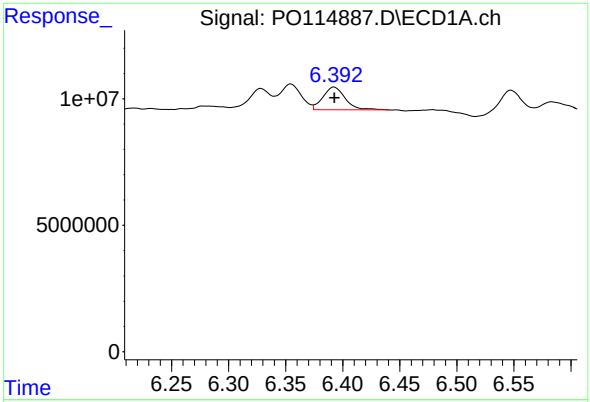
#24 AR-1248-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 13238663
Conc: 52.41 ng/ml



#24 AR-1248-4

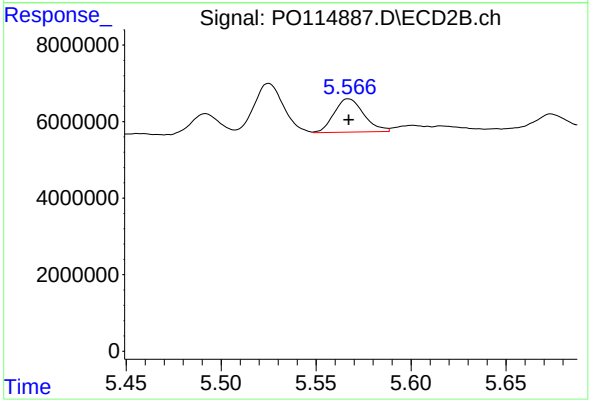
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 9782119
Conc: 53.38 ng/ml



#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

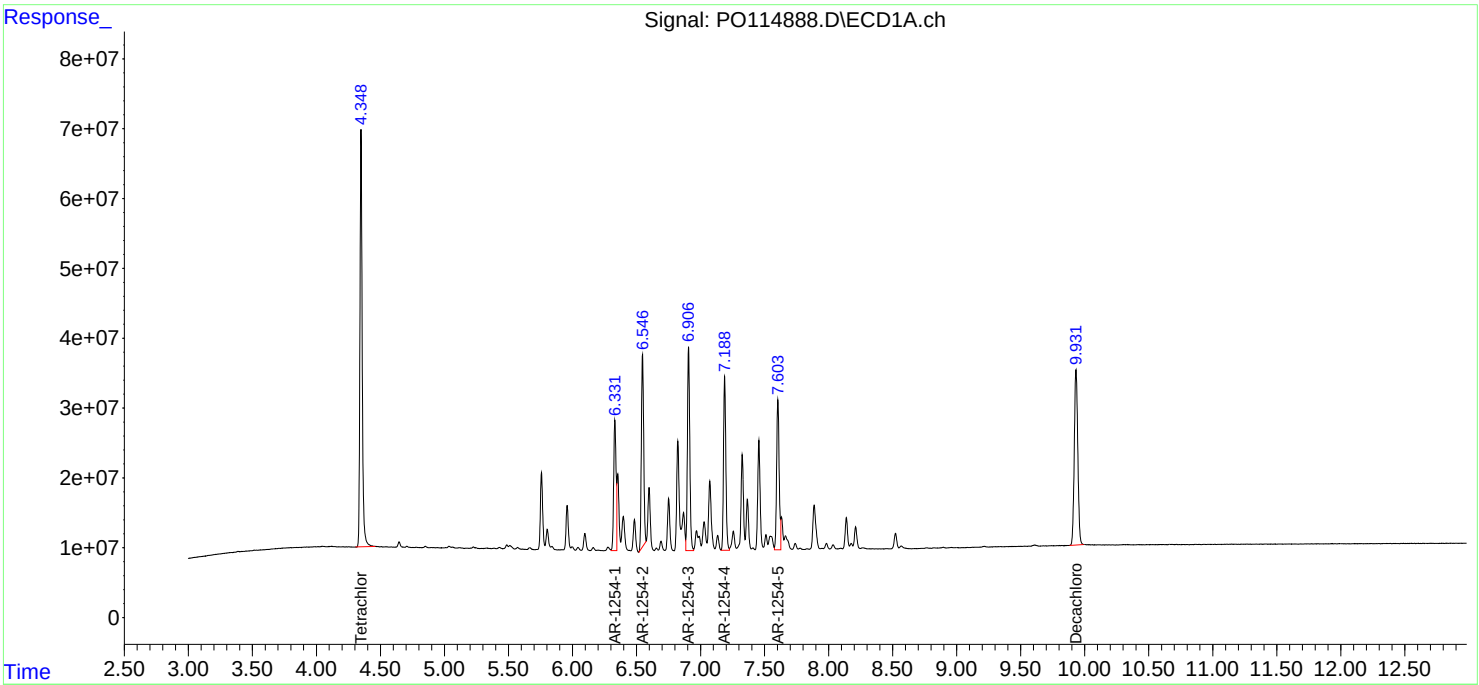
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

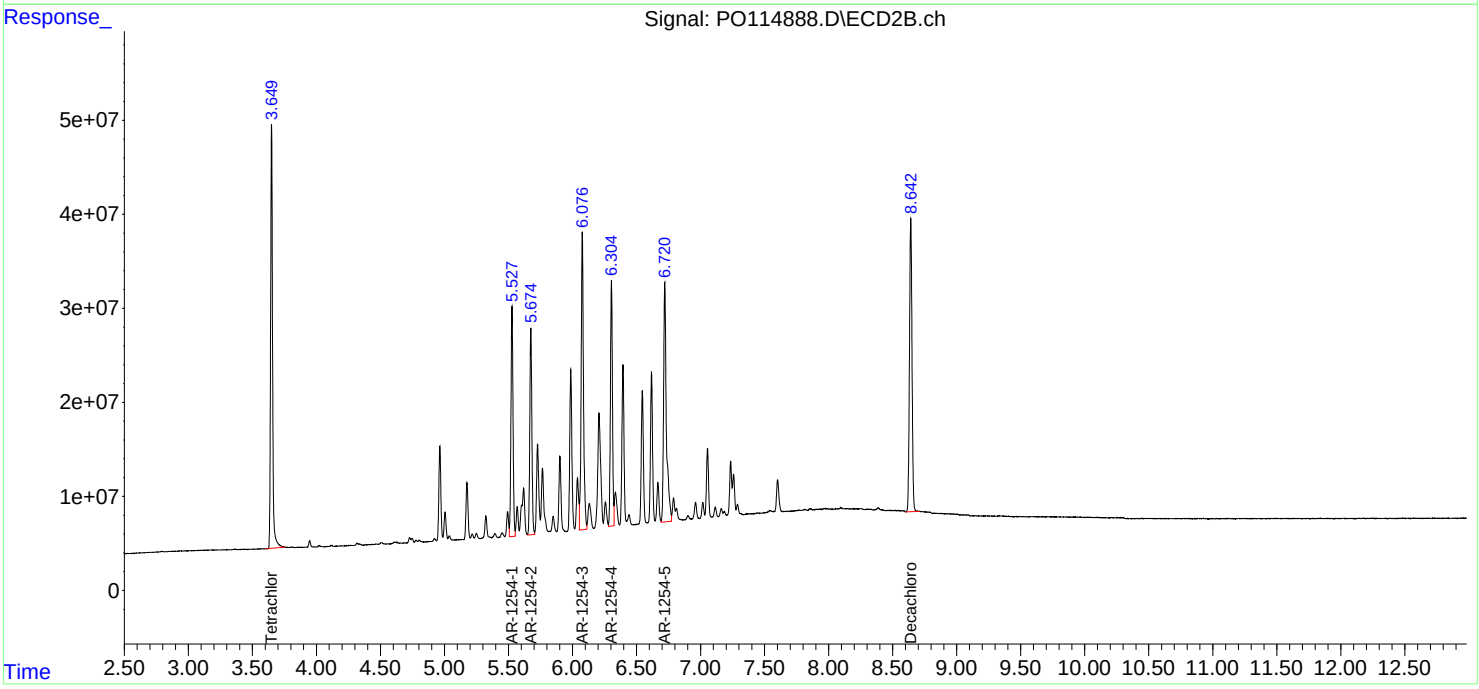
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:51
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

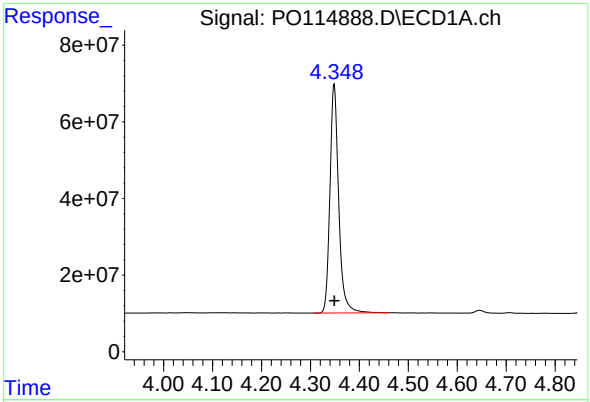
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

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



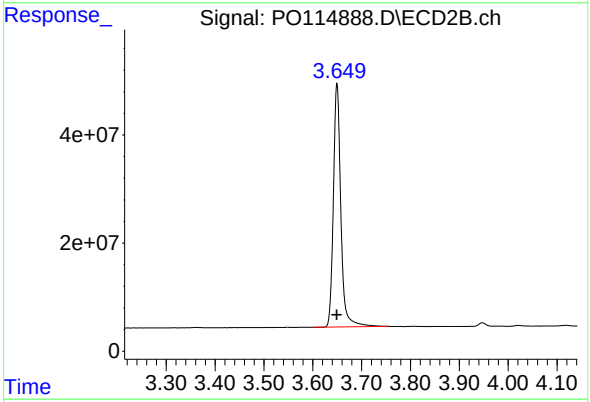




#1 Tetrachloro-m-xylene

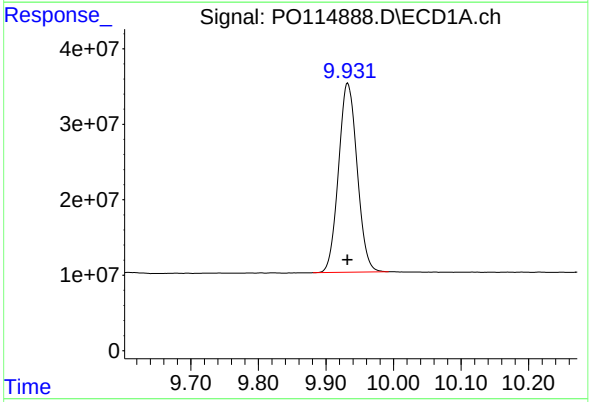
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 741058544
Conc: 94.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



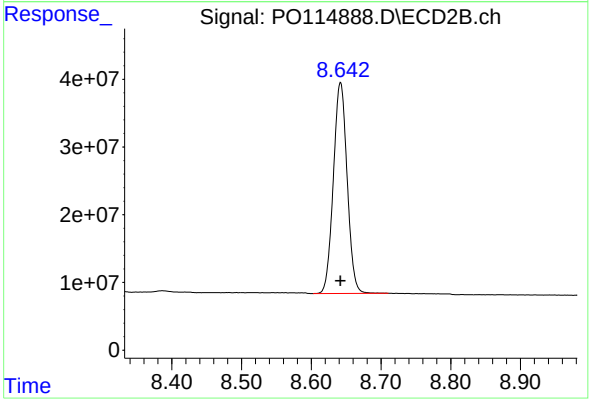
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 479108532
Conc: 94.99 ng/ml



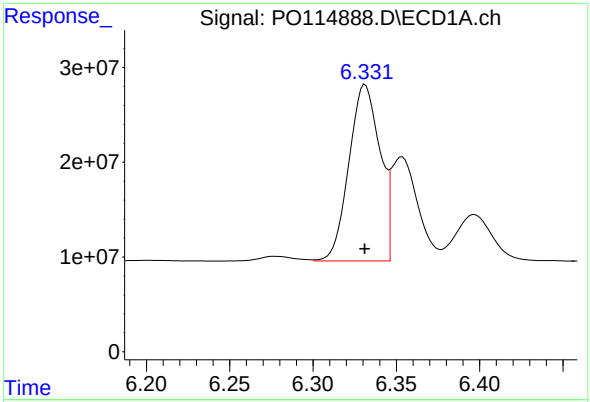
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 479176947
Conc: 94.66 ng/ml



#2 Decachlorobiphenyl

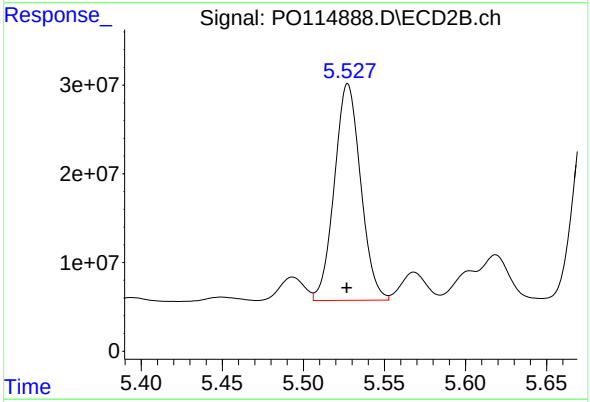
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 427337336
Conc: 92.80 ng/ml



#26 AR-1254-1

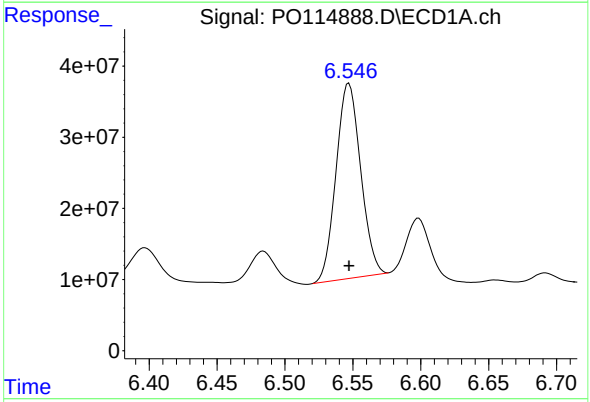
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 240591852
Conc: 929.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



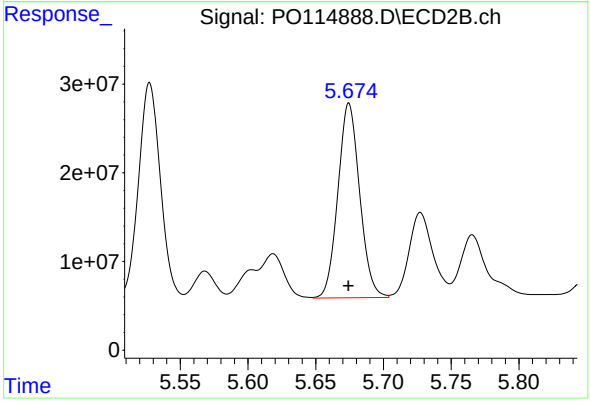
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 275439068
Conc: 917.39 ng/ml



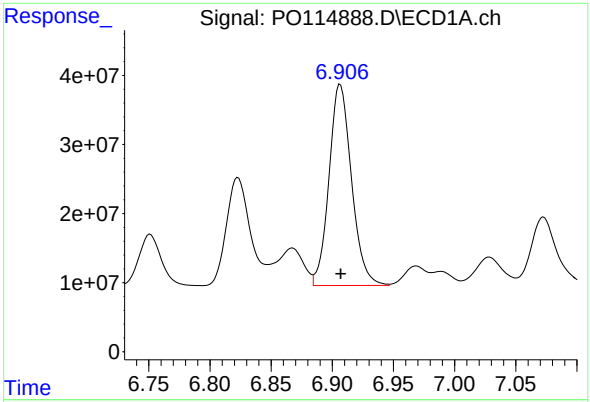
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 346021204
Conc: 931.19 ng/ml



#27 AR-1254-2

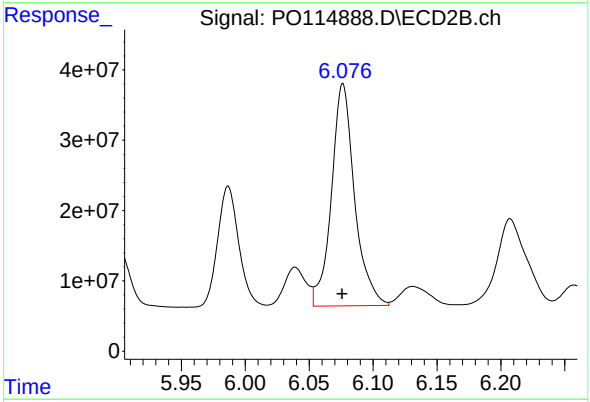
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 245333366
Conc: 915.48 ng/ml



#28 AR-1254-3

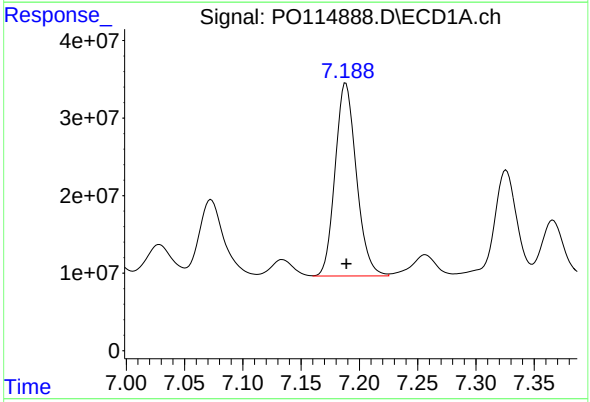
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 372893964
Conc: 939.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



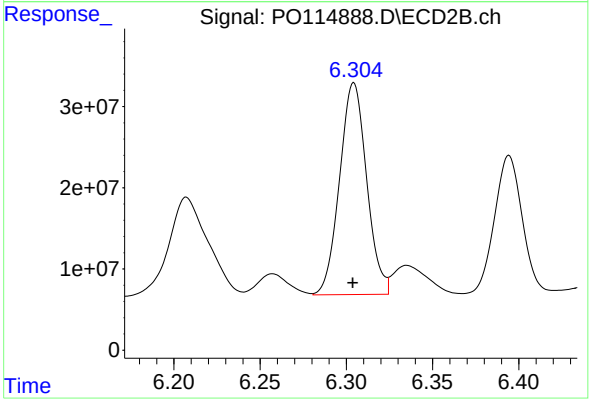
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 398238109
Conc: 924.96 ng/ml



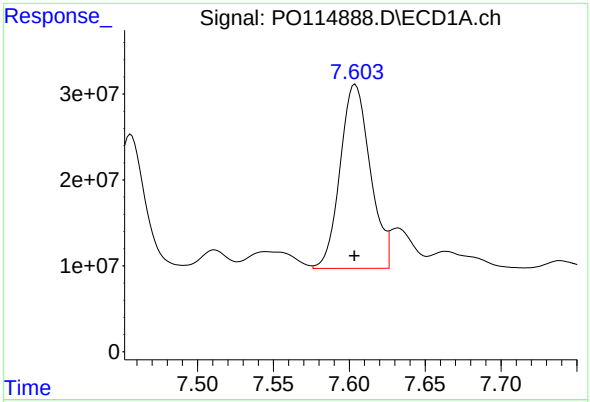
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 315539209
Conc: 936.76 ng/ml



#29 AR-1254-4

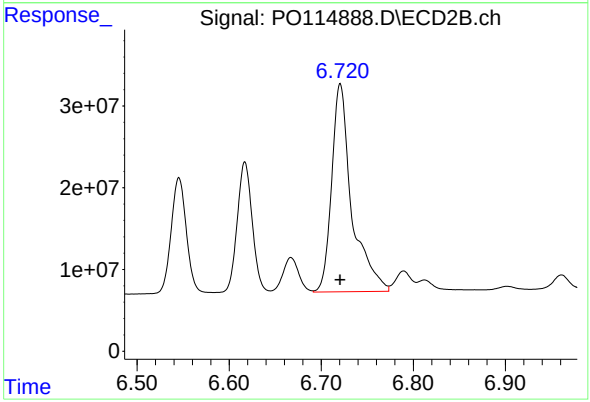
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 284785979
Conc: 933.64 ng/ml



#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

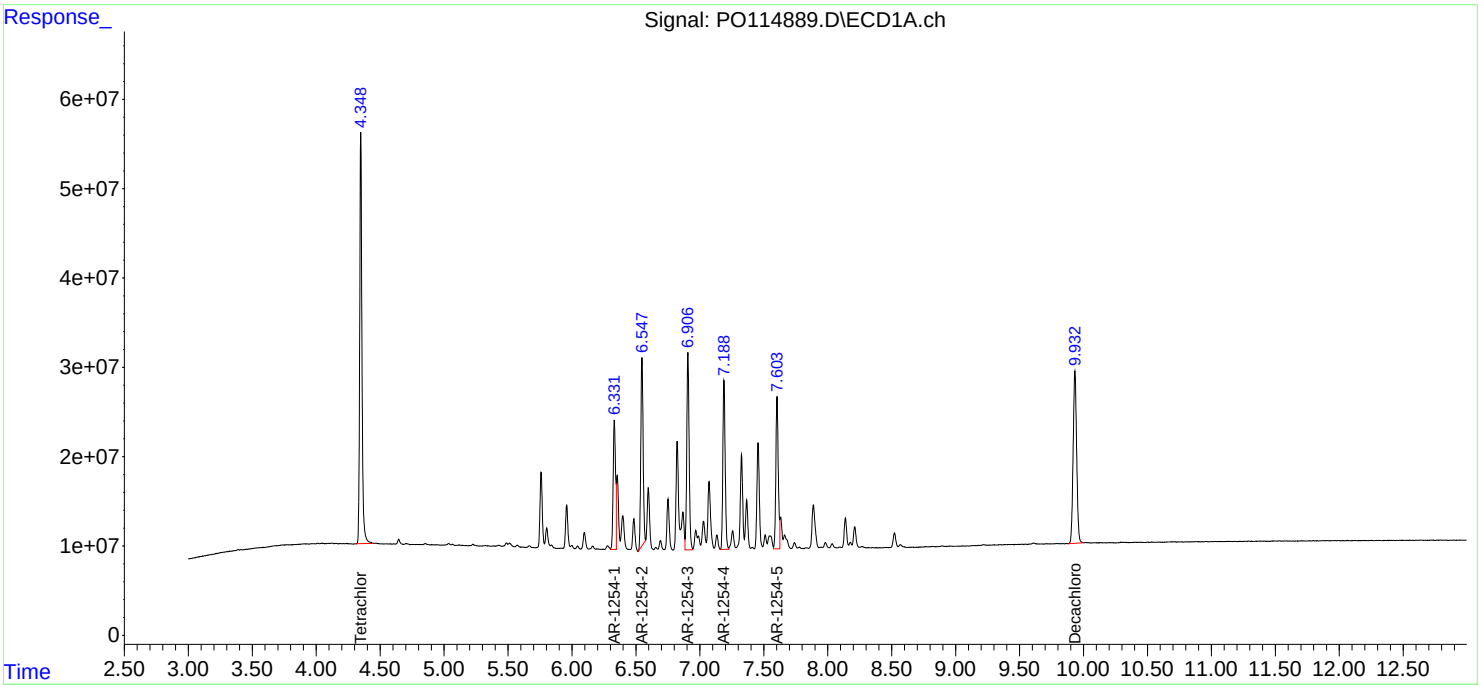
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

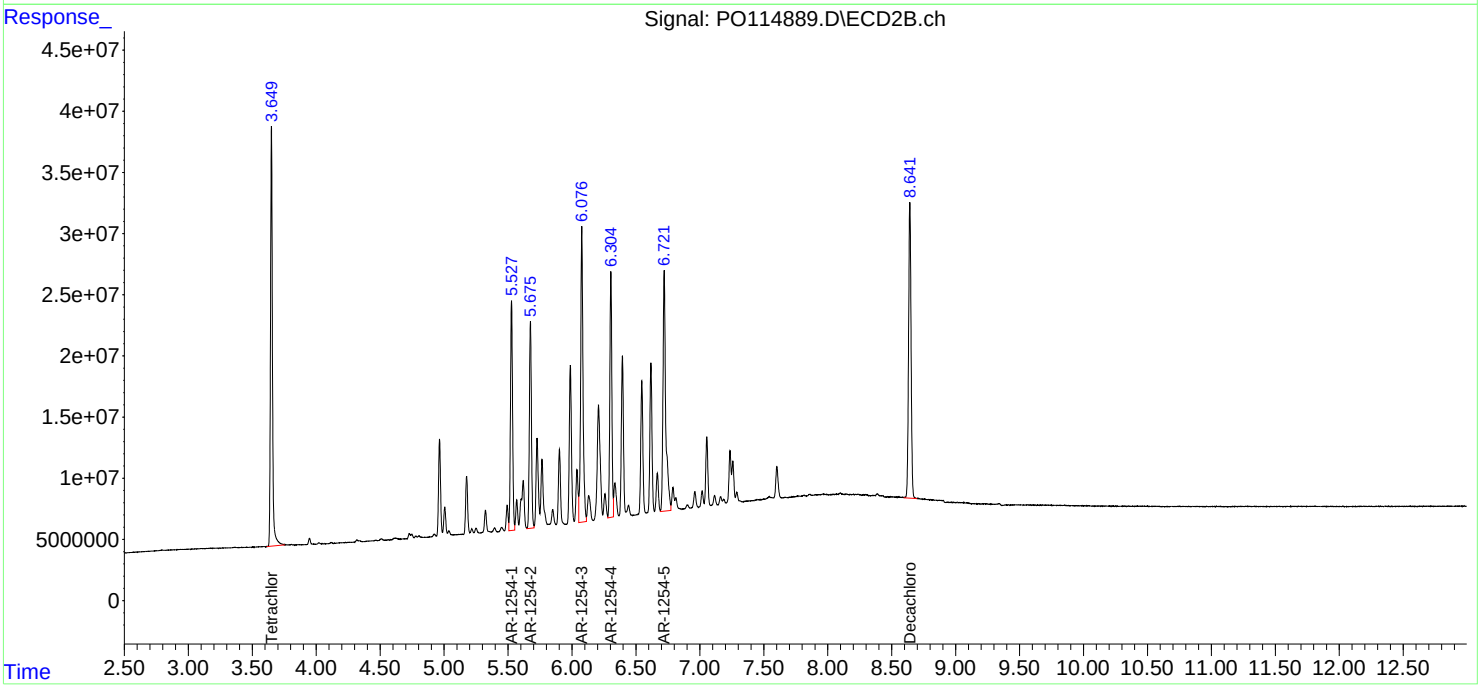
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:09
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

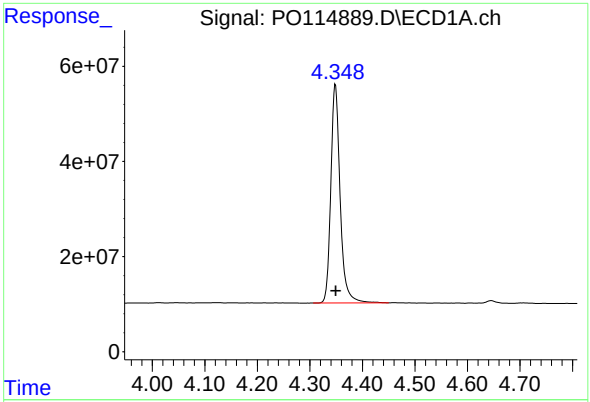
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

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



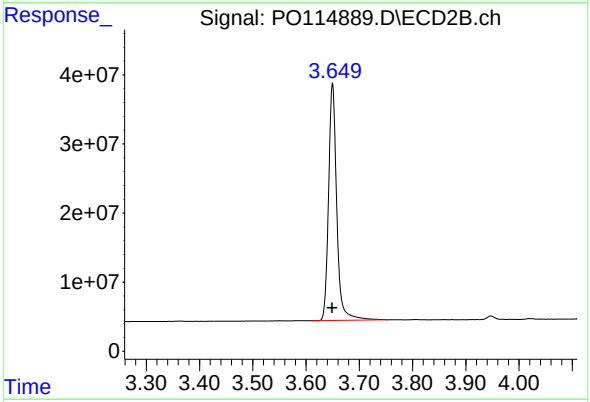




#1 Tetrachloro-m-xylene

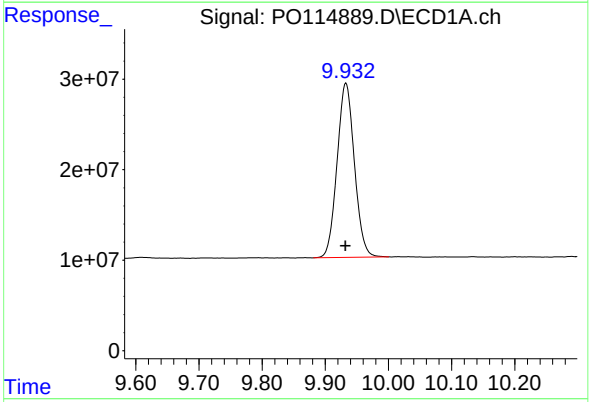
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 564510700
Conc: 72.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



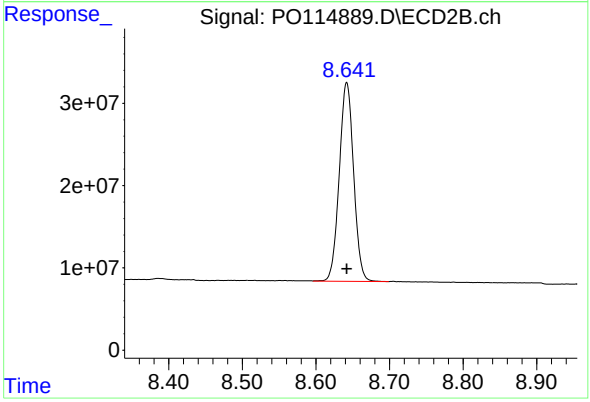
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 366525358
Conc: 72.67 ng/ml



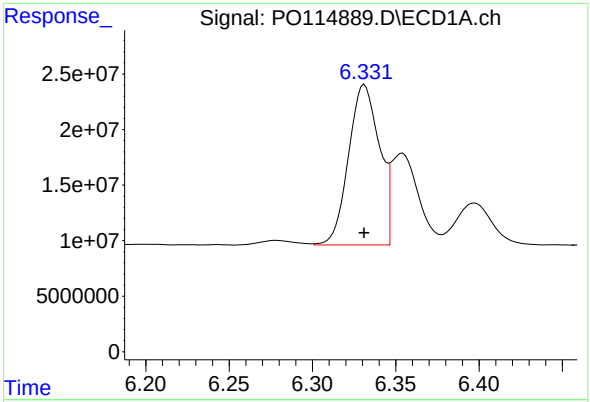
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 367264664
Conc: 72.55 ng/ml



#2 Decachlorobiphenyl

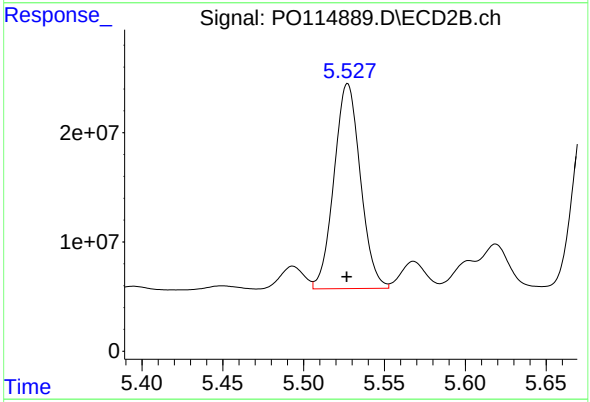
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 327542020
Conc: 71.13 ng/ml



#26 AR-1254-1

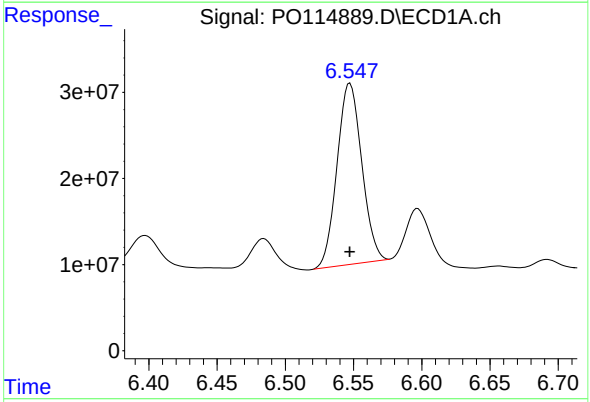
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 185562370
Conc: 717.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



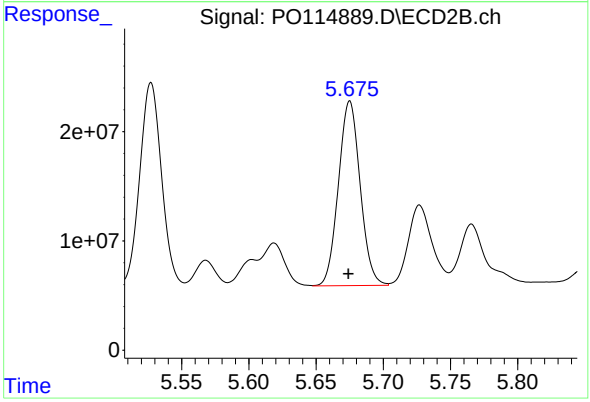
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 213178763
Conc: 710.02 ng/ml



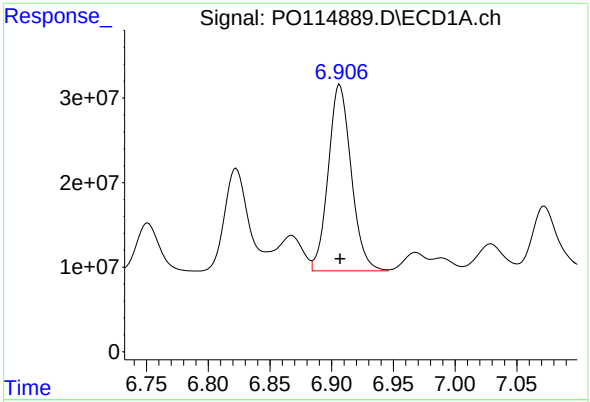
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 265146973
Conc: 713.55 ng/ml



#27 AR-1254-2

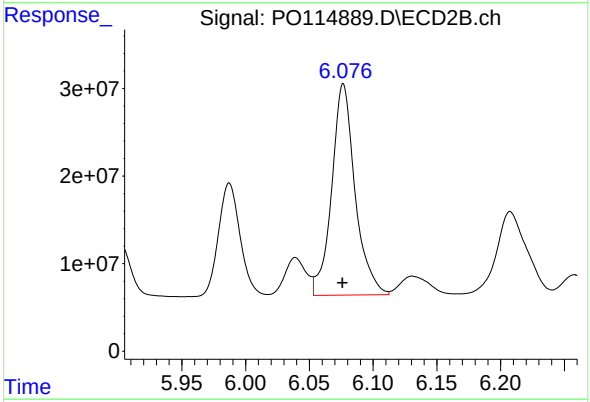
R.T.: 5.675 min
Delta R.T.: 0.001 min
Response: 189959424
Conc: 708.85 ng/ml



#28 AR-1254-3

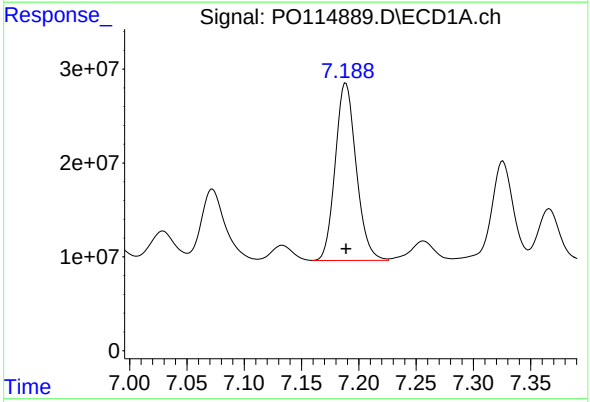
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 285335234
Conc: 718.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



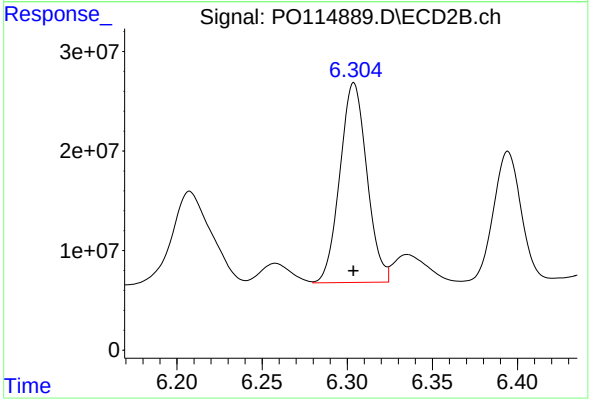
#28 AR-1254-3

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 307961129
Conc: 715.28 ng/ml



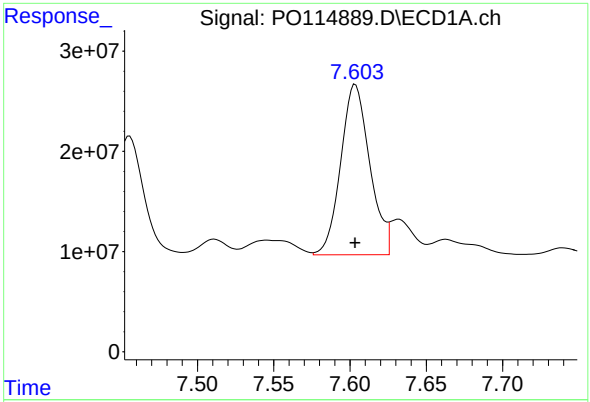
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 241068385
Conc: 715.67 ng/ml



#29 AR-1254-4

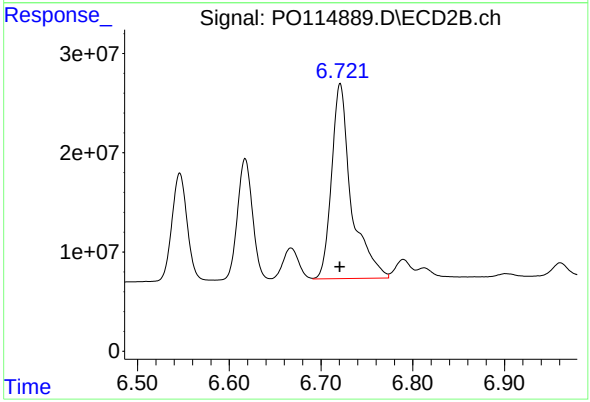
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 221171549
Conc: 725.09 ng/ml



#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

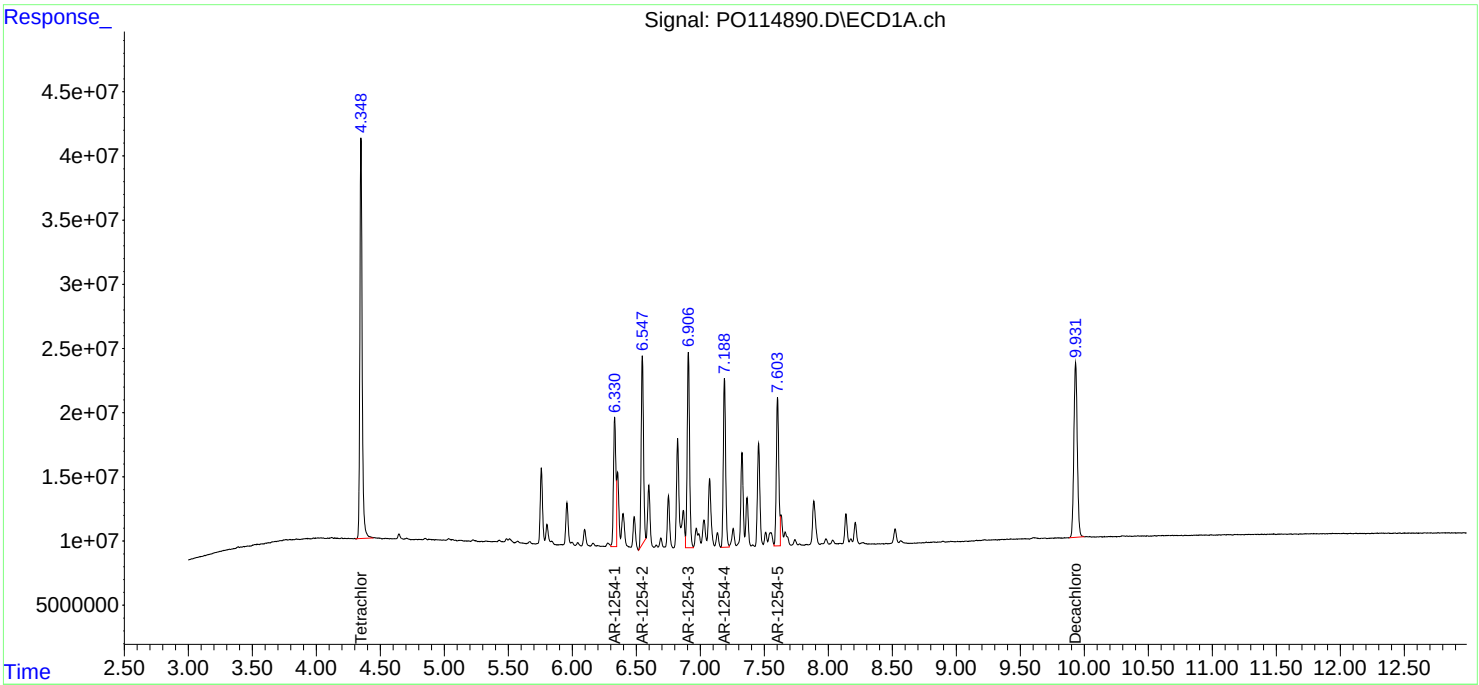
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

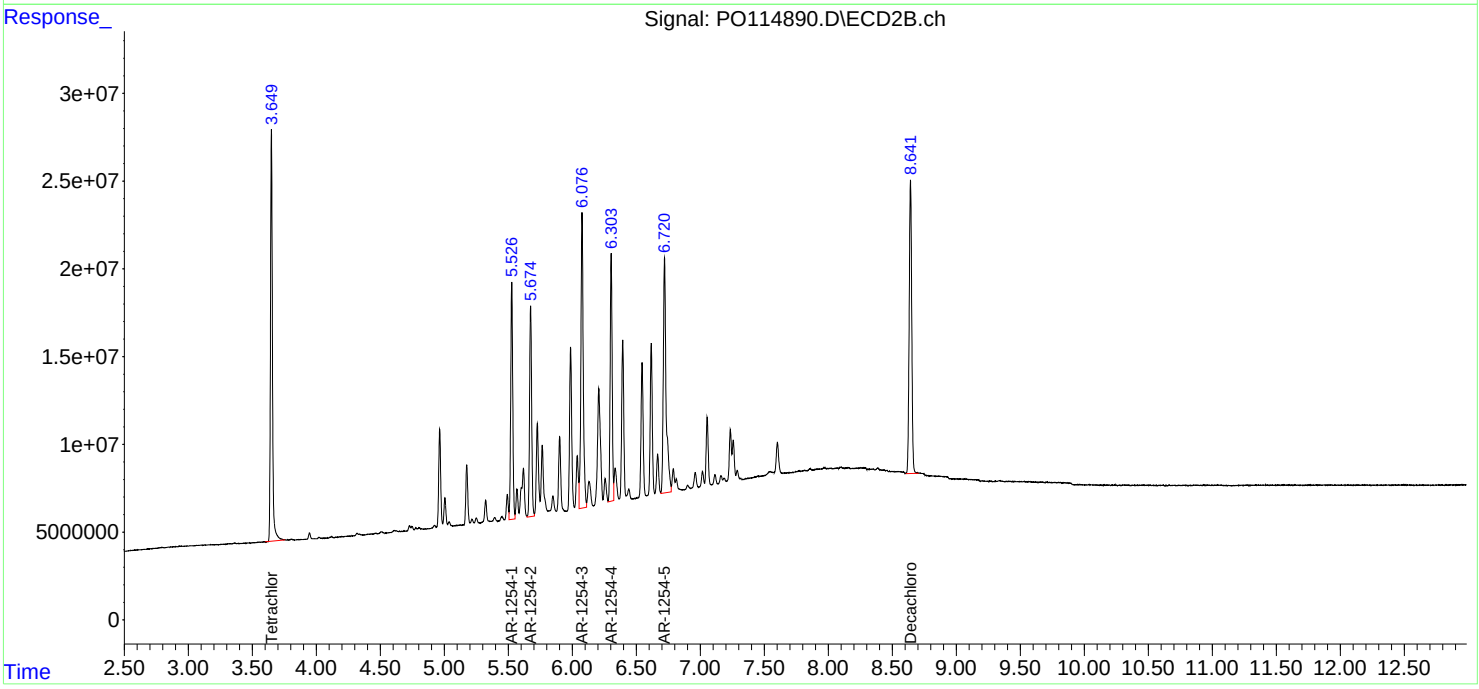
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:28
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

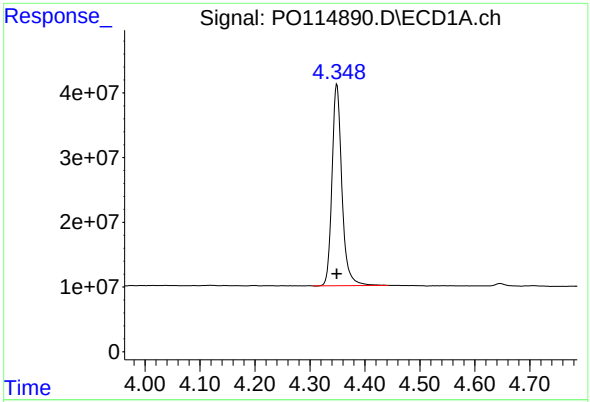
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

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



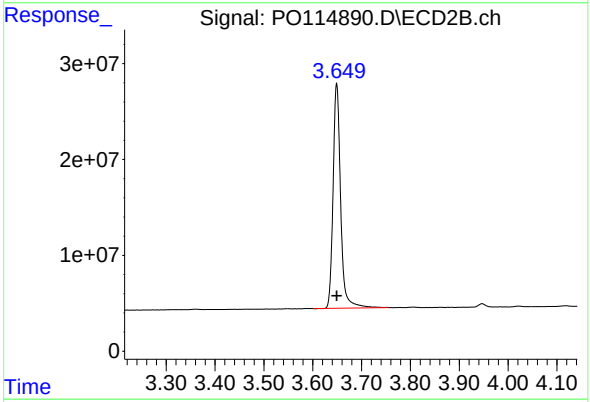




#1 Tetrachloro-m-xylene

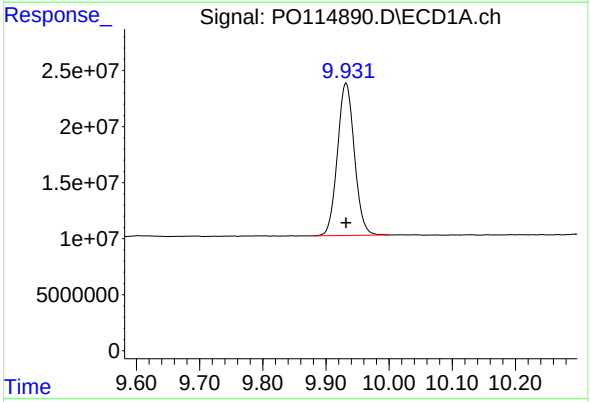
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 390109233
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



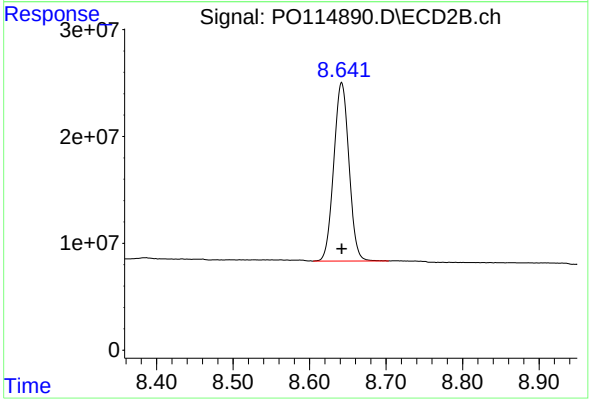
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 252200535
Conc: 50.00 ng/ml



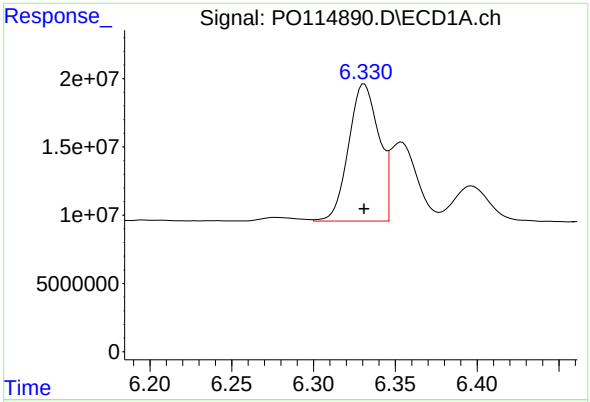
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 253098432
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

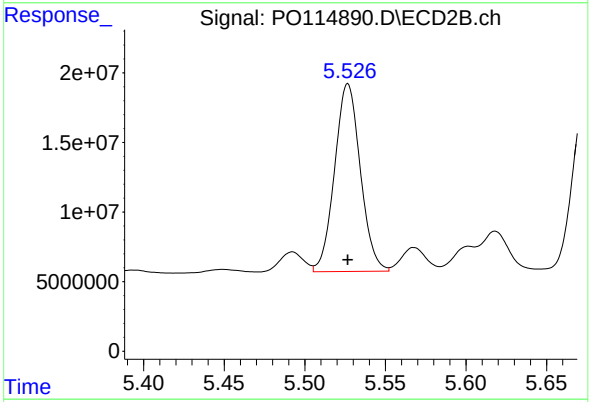
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 230240554
Conc: 50.00 ng/ml



#26 AR-1254-1

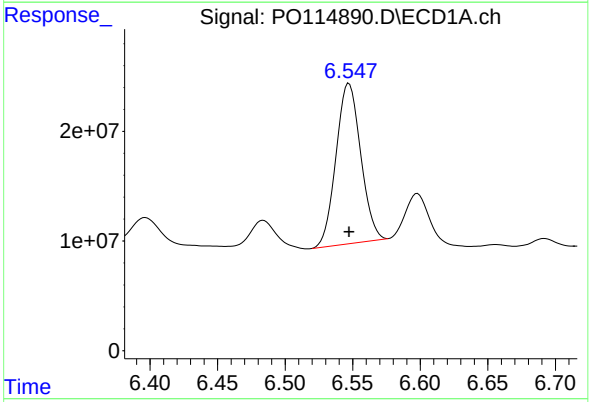
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 129382739
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



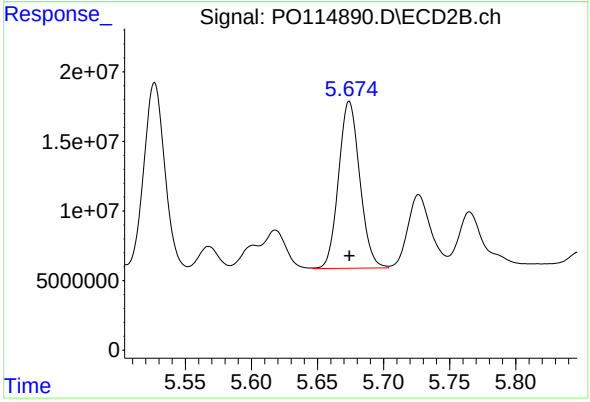
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 150121693
Conc: 500.00 ng/ml



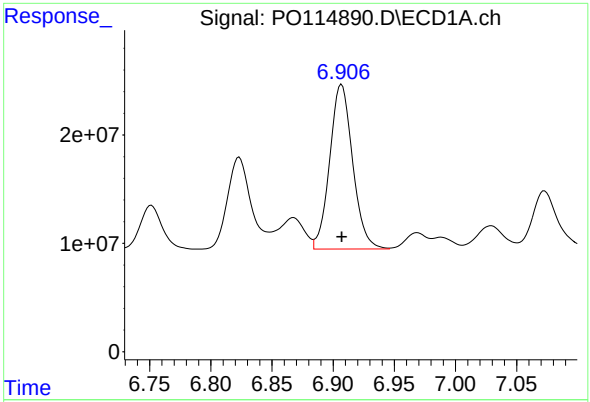
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 185794826
Conc: 500.00 ng/ml



#27 AR-1254-2

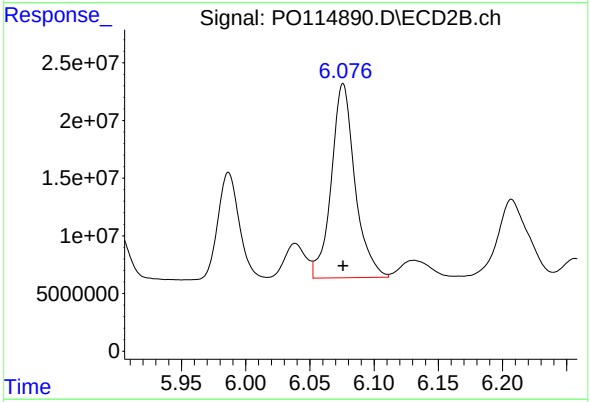
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 133992049
Conc: 500.00 ng/ml



#28 AR-1254-3

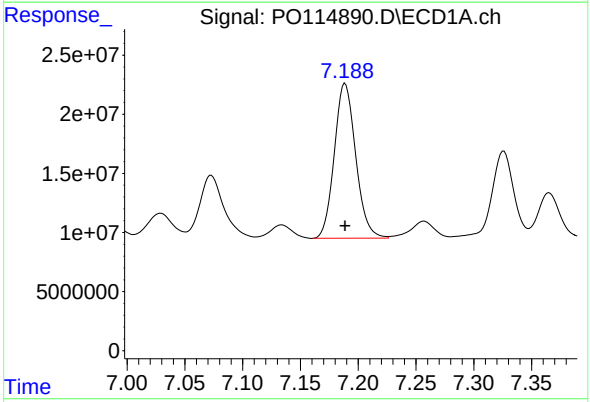
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 198504969
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



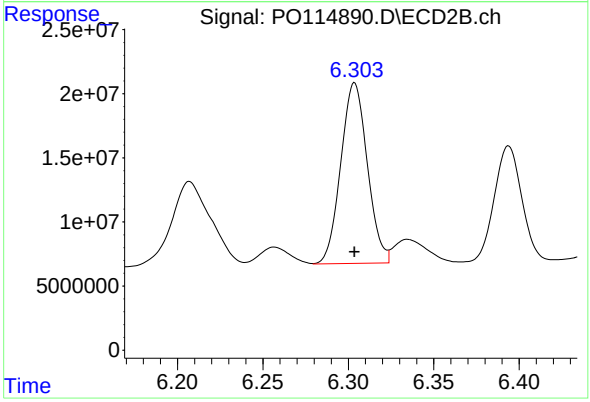
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 215272846
Conc: 500.00 ng/ml



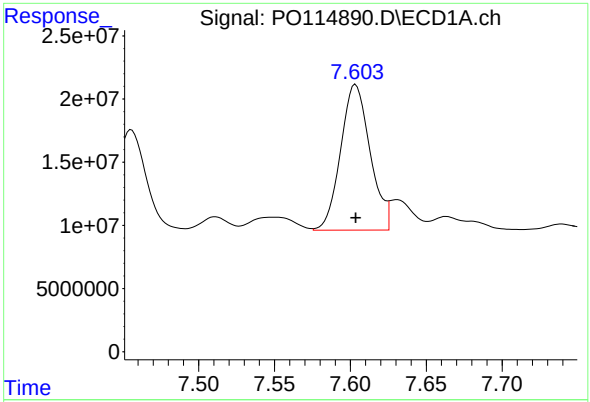
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 168420499
Conc: 500.00 ng/ml



#29 AR-1254-4

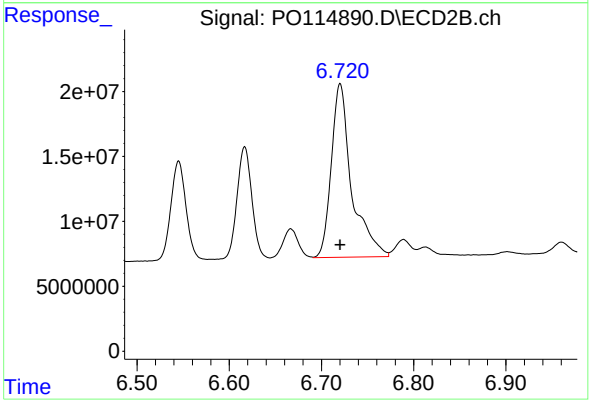
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 152513902
Conc: 500.00 ng/ml



#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

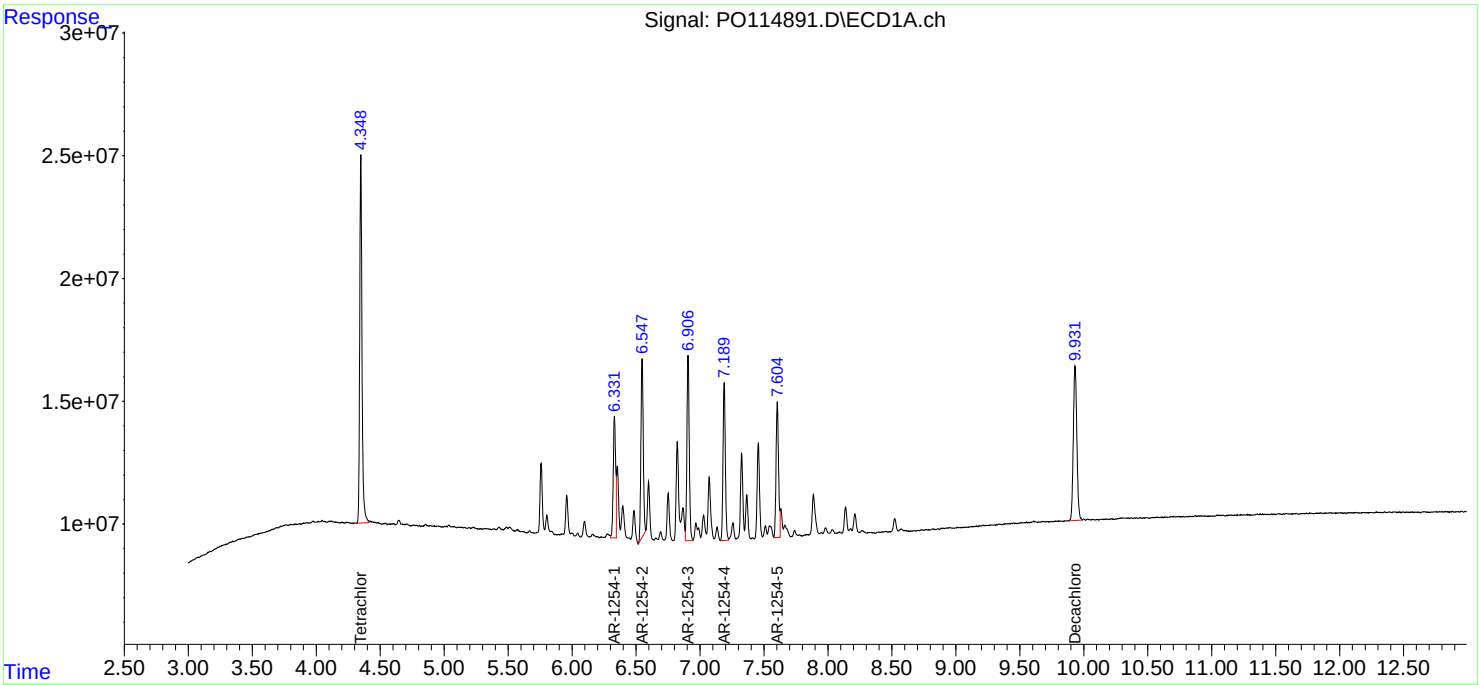
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

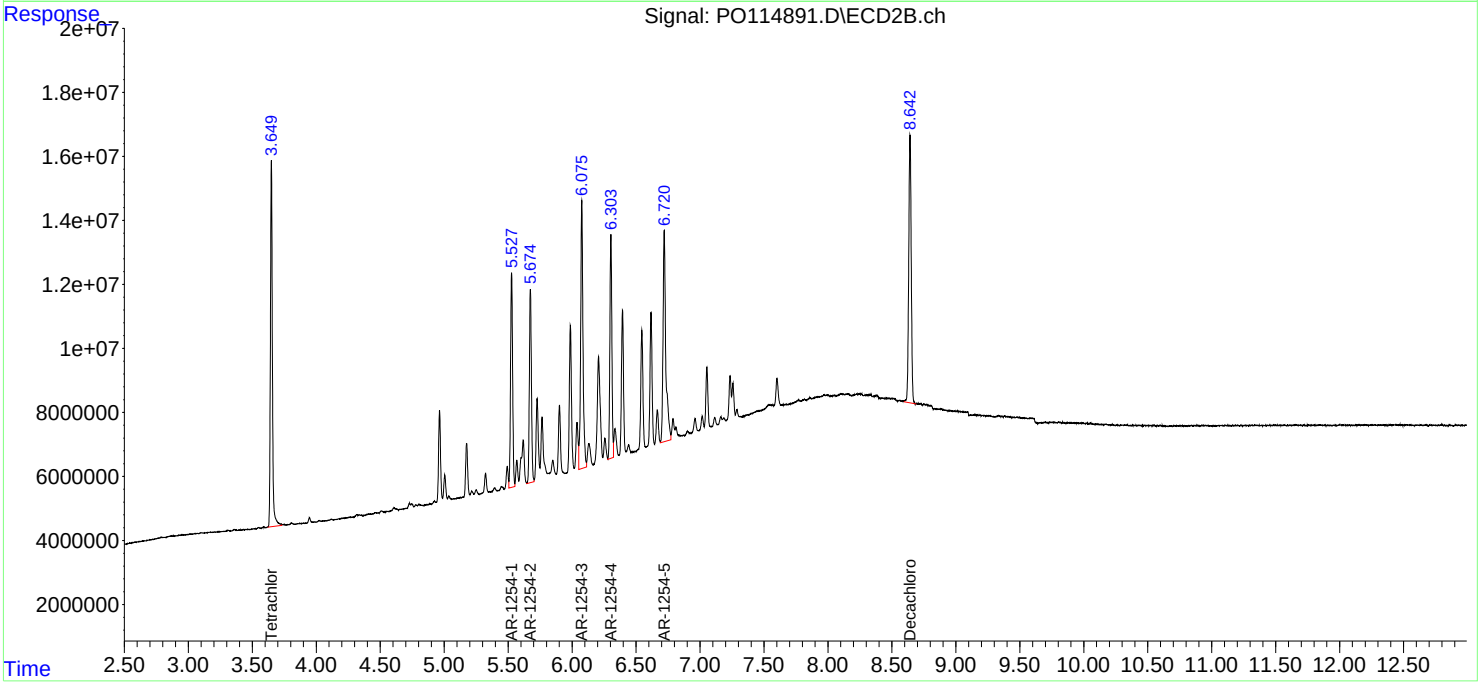
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:04
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

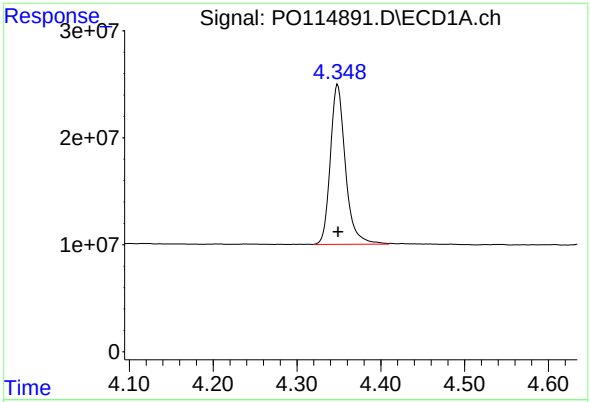
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

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



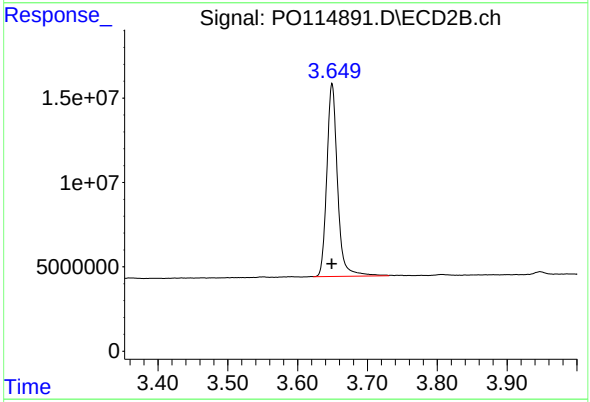




#1 Tetrachloro-m-xylene

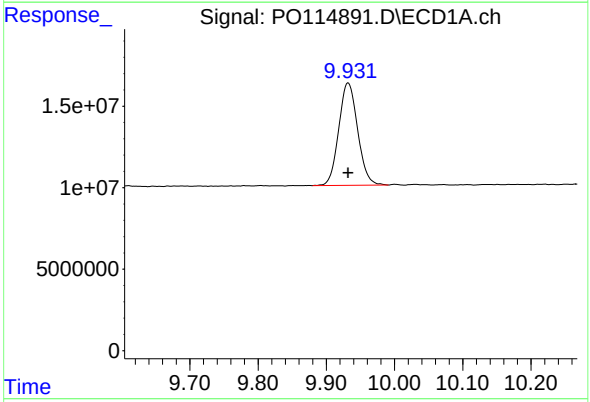
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 187043851
Conc: 23.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



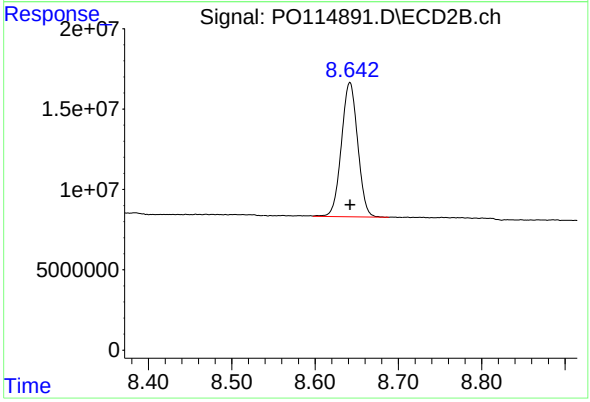
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 121910700
Conc: 24.17 ng/ml



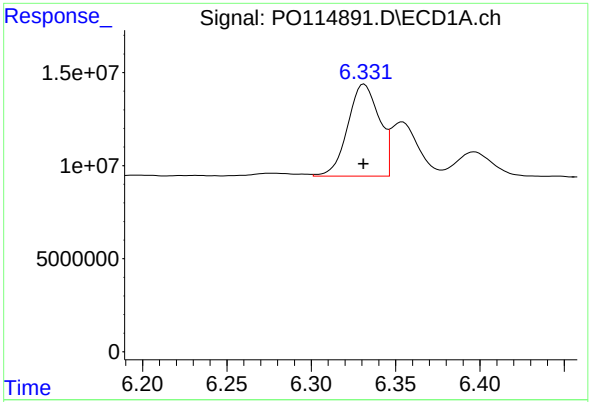
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 120781115
Conc: 23.86 ng/ml



#2 Decachlorobiphenyl

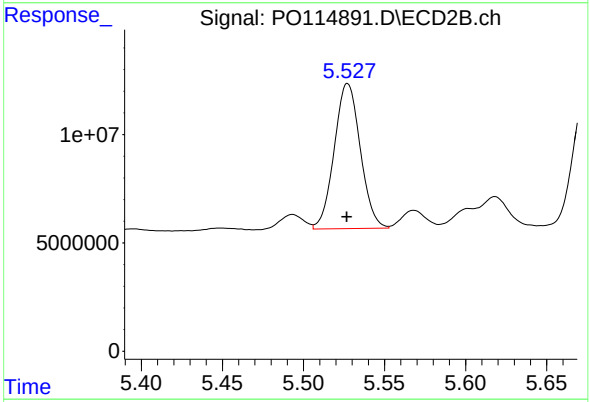
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 113327598
Conc: 24.61 ng/ml



#26 AR-1254-1

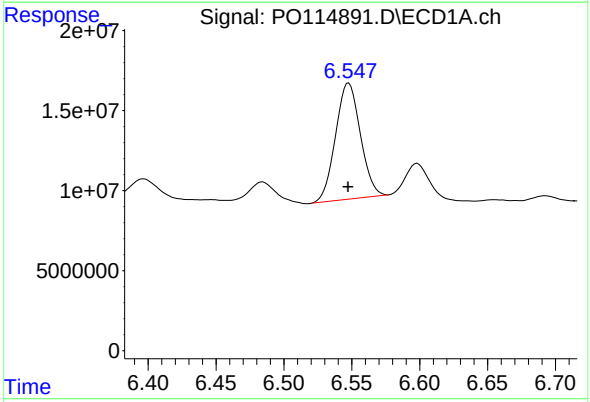
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 64268788
Conc: 248.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



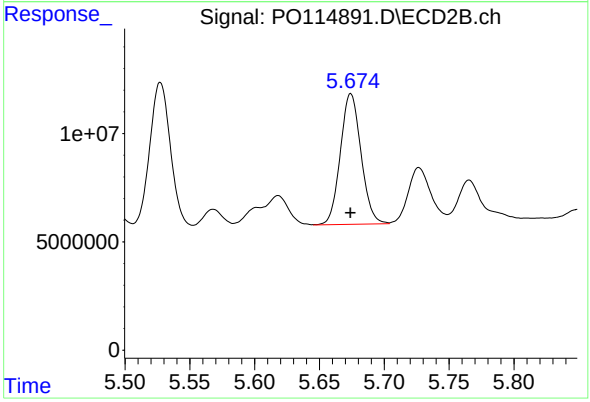
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 74980905
Conc: 249.73 ng/ml



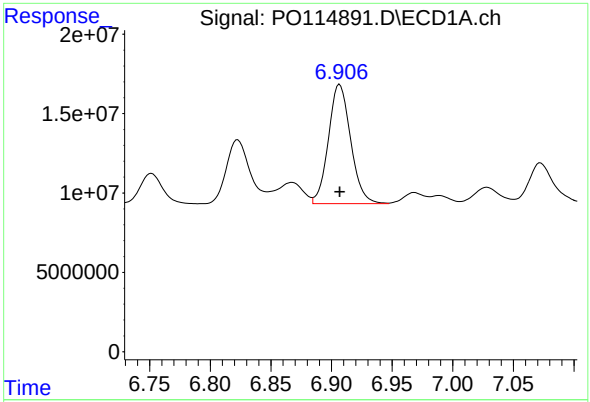
#27 AR-1254-2

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 92224254
Conc: 248.19 ng/ml



#27 AR-1254-2

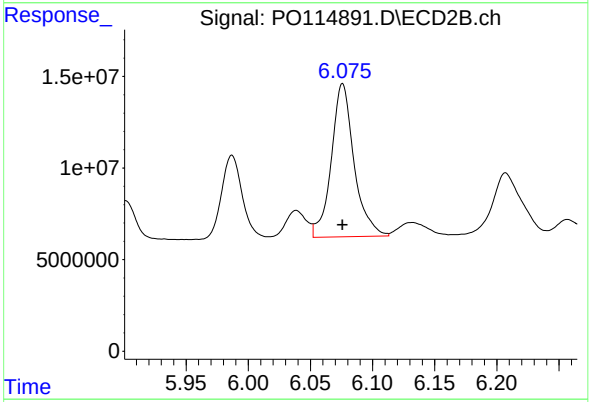
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 67079510
Conc: 250.31 ng/ml



#28 AR-1254-3

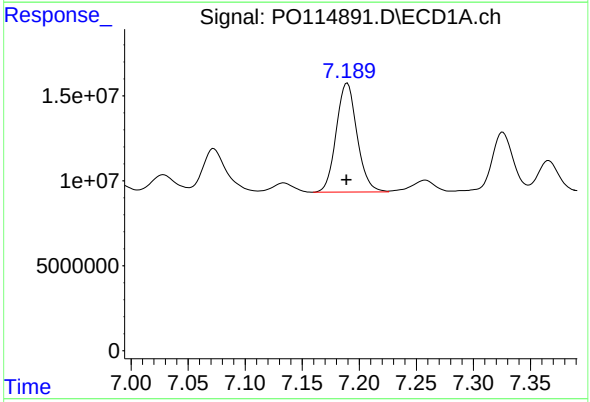
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 96073294
Conc: 241.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



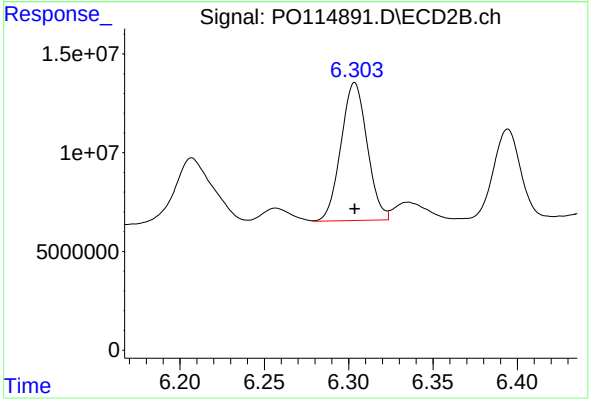
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 106632577
Conc: 247.67 ng/ml



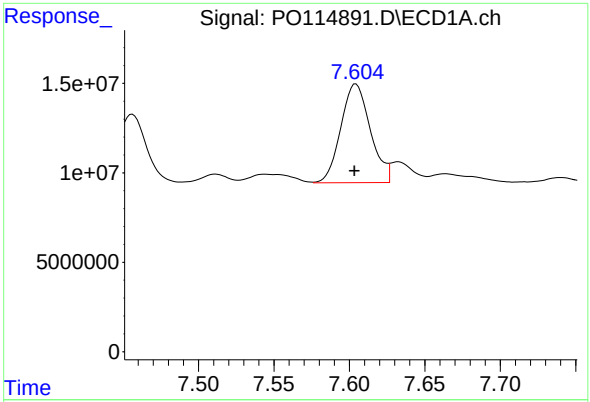
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 81726238
Conc: 242.63 ng/ml



#29 AR-1254-4

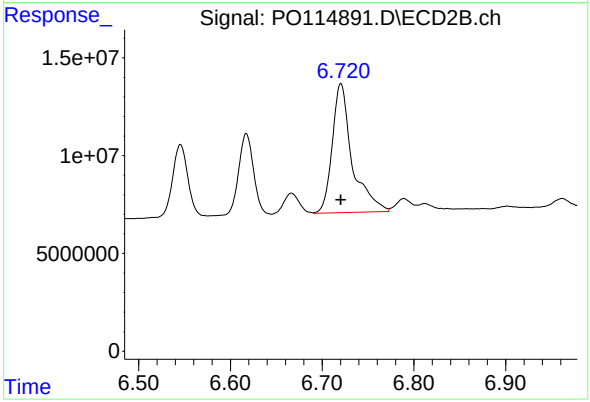
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 75488880
Conc: 247.48 ng/ml



#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.

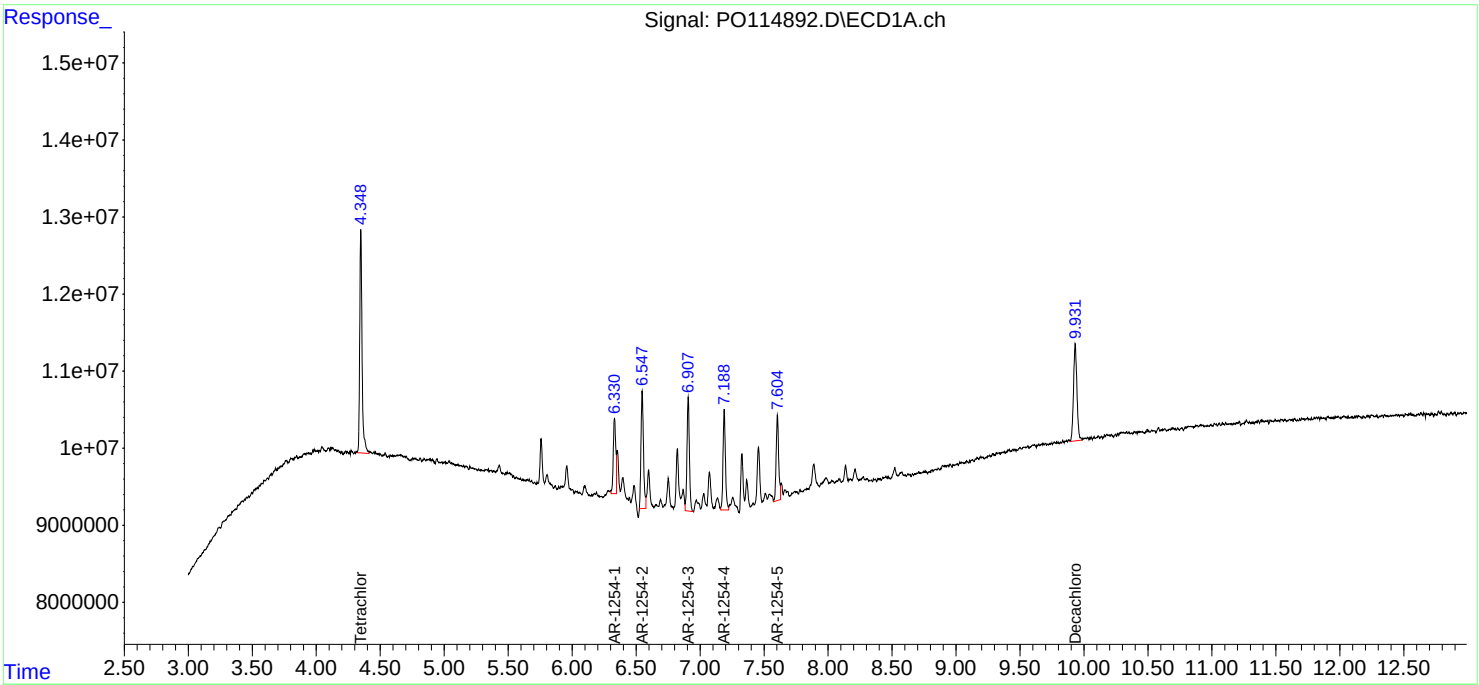
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:23
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

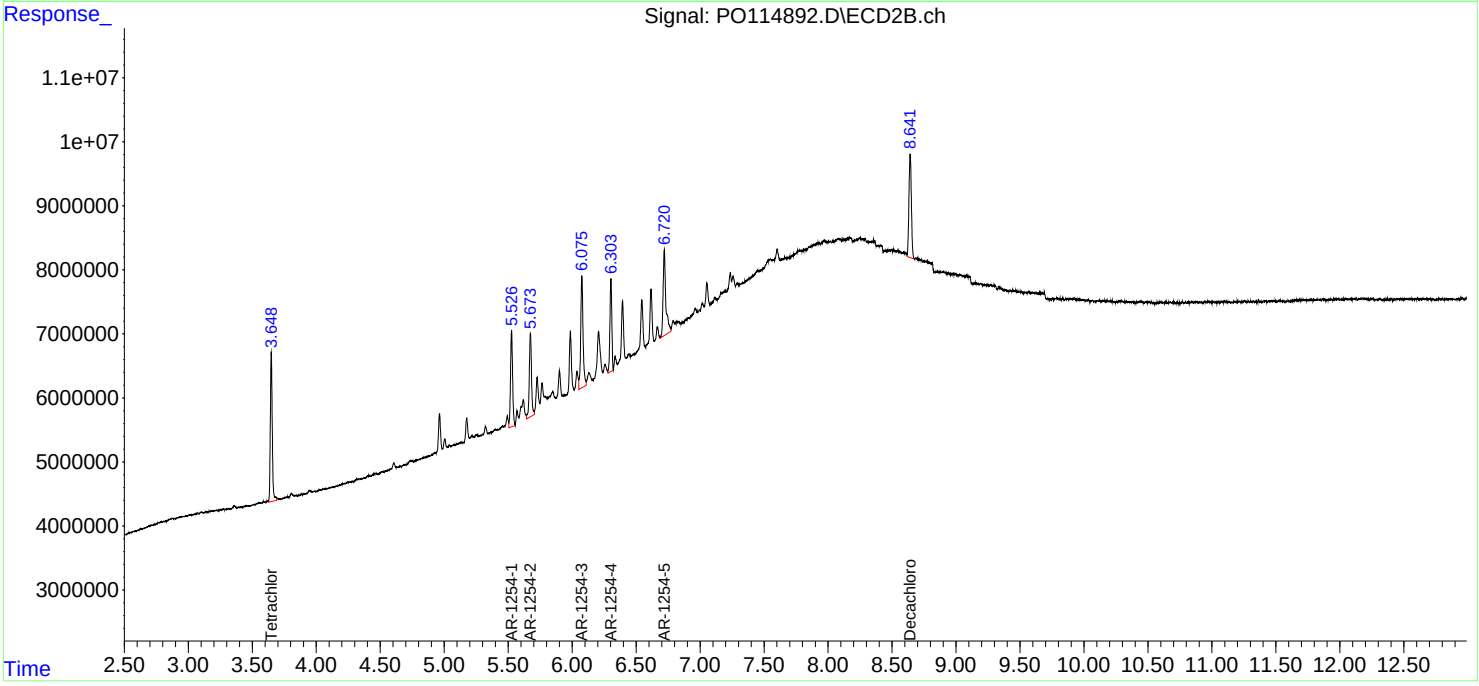
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

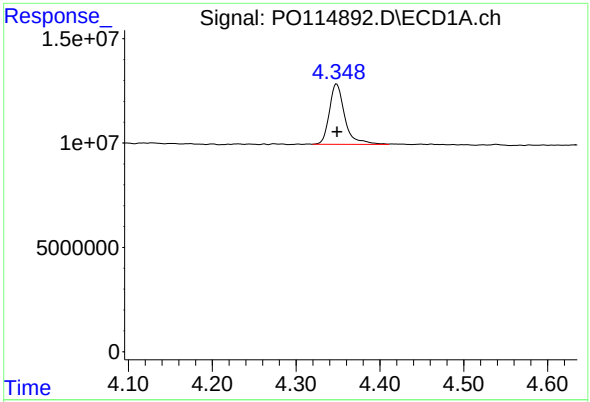
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

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







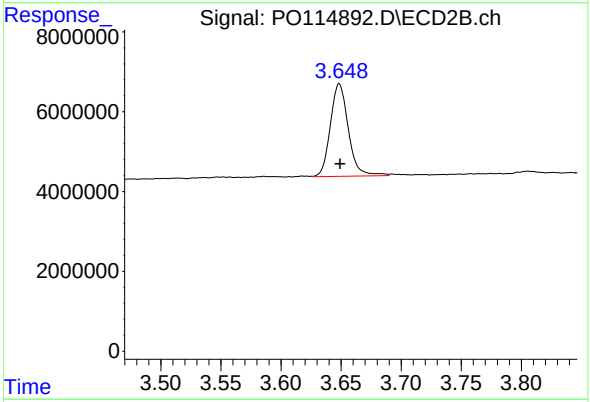
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 37040207
Conc: 4.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

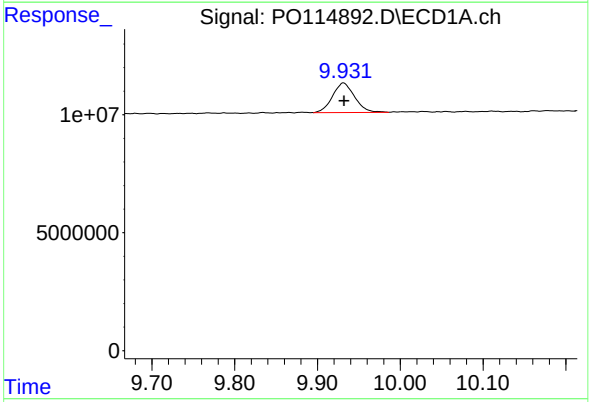
Manual Integrations APPROVED

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



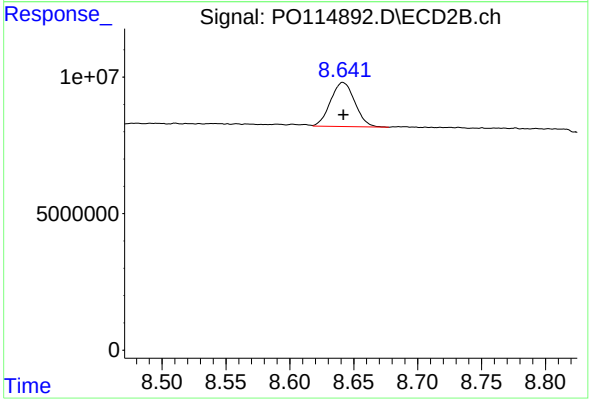
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 24215180
Conc: 4.80 ng/ml



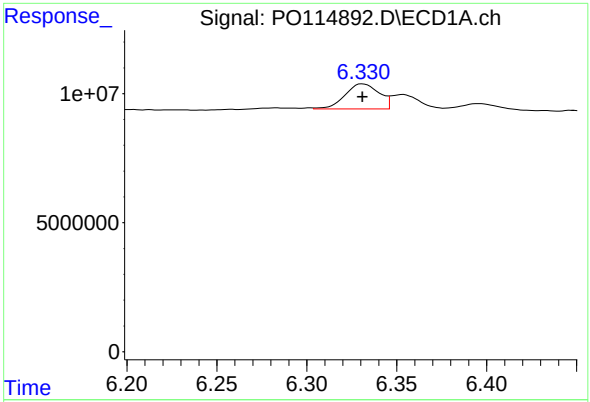
#2 Decachlorobiphenyl

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



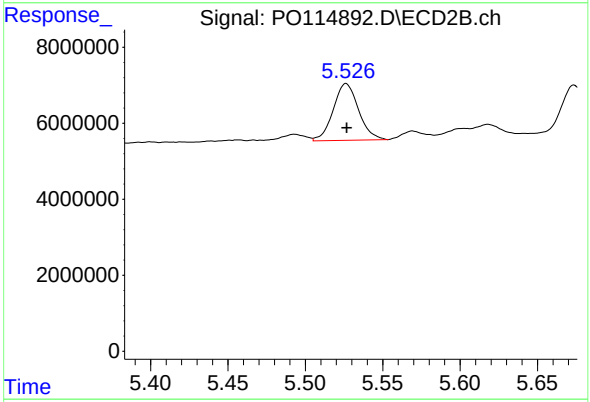
#26 AR-1254-1

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 13164962
Conc: 50.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

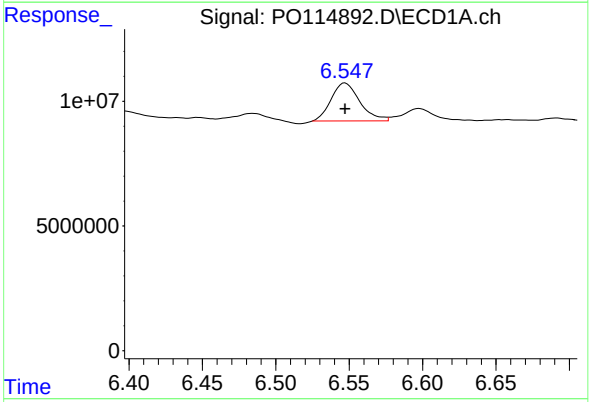
Manual Integrations APPROVED

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



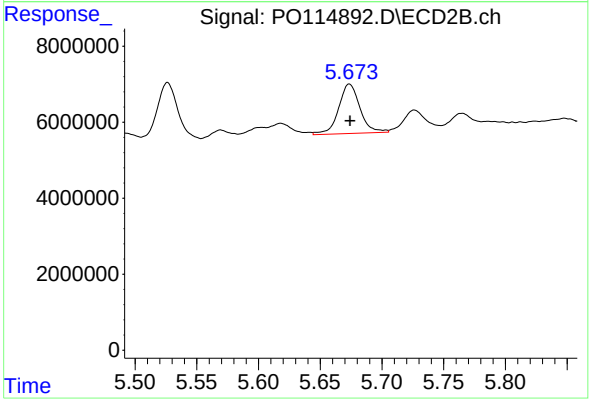
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 17052798
Conc: 56.80 ng/ml



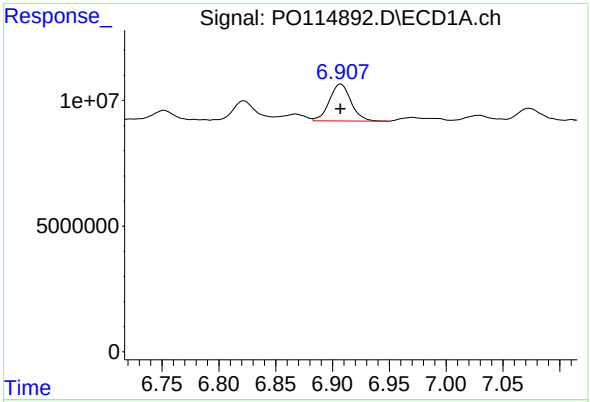
#27 AR-1254-2

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



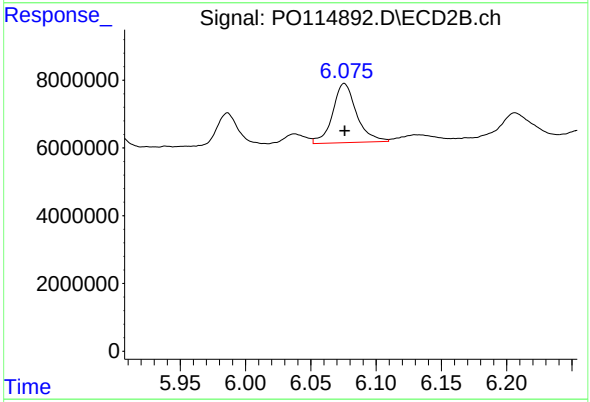
#28 AR-1254-3

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 19483947
Conc: 49.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

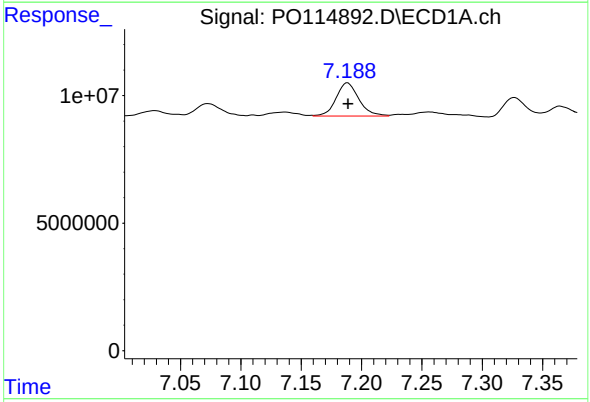
Manual Integrations APPROVED

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



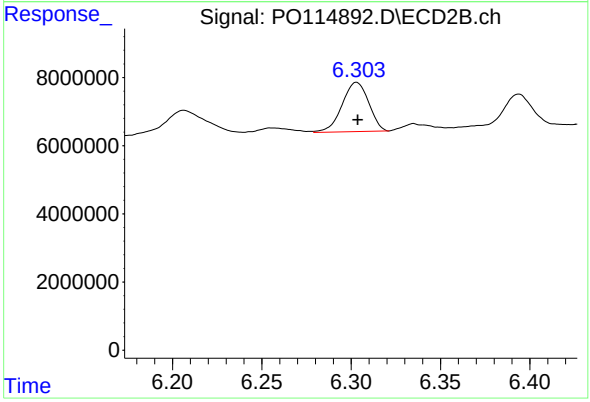
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 22264737
Conc: 51.71 ng/ml



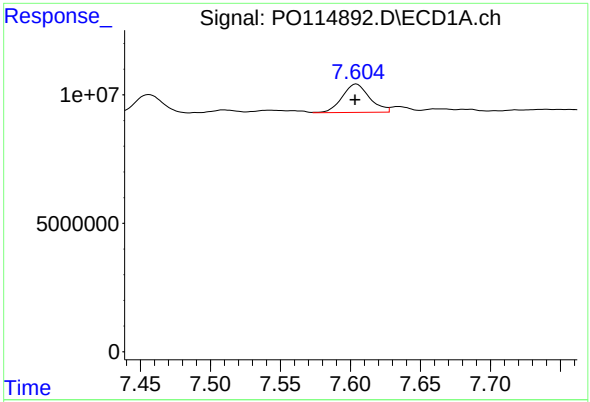
#29 AR-1254-4

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



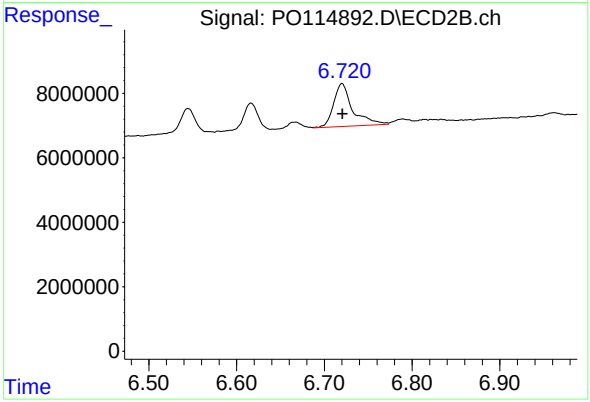
#30 AR-1254-5

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

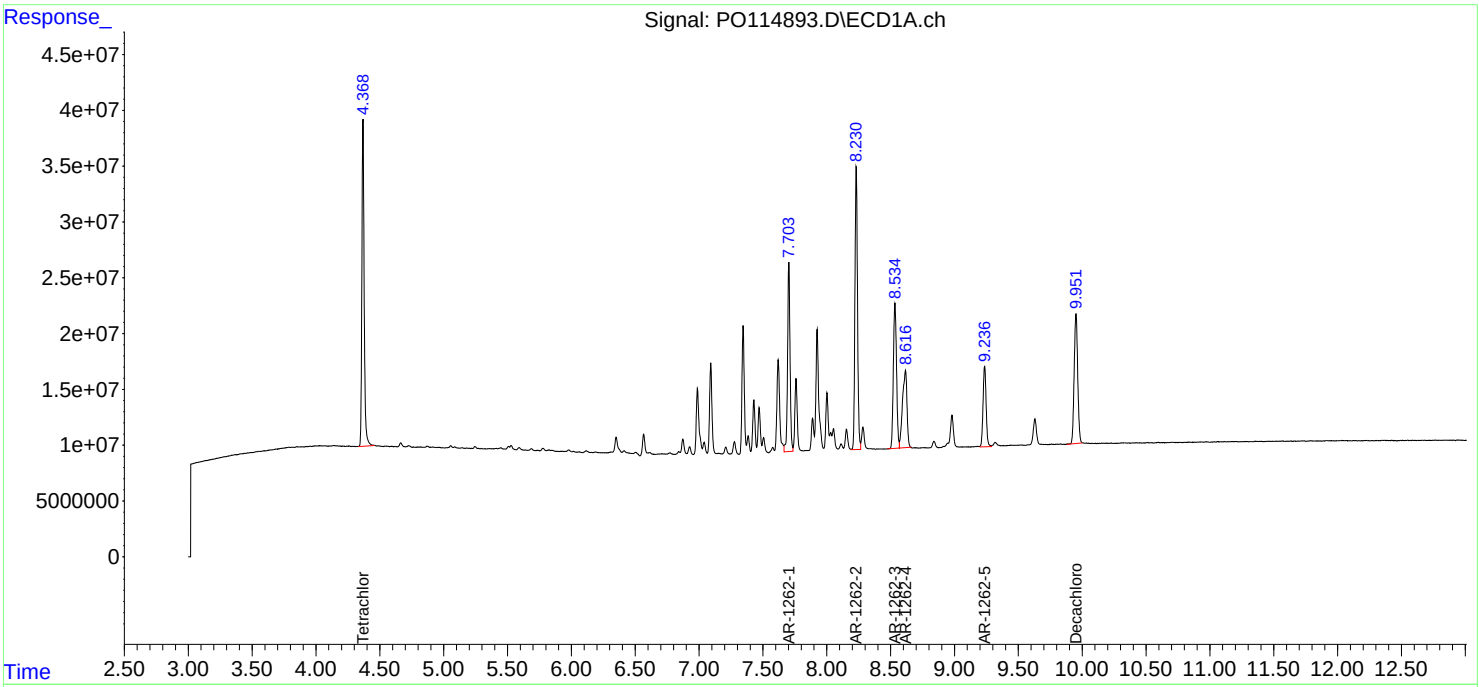
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

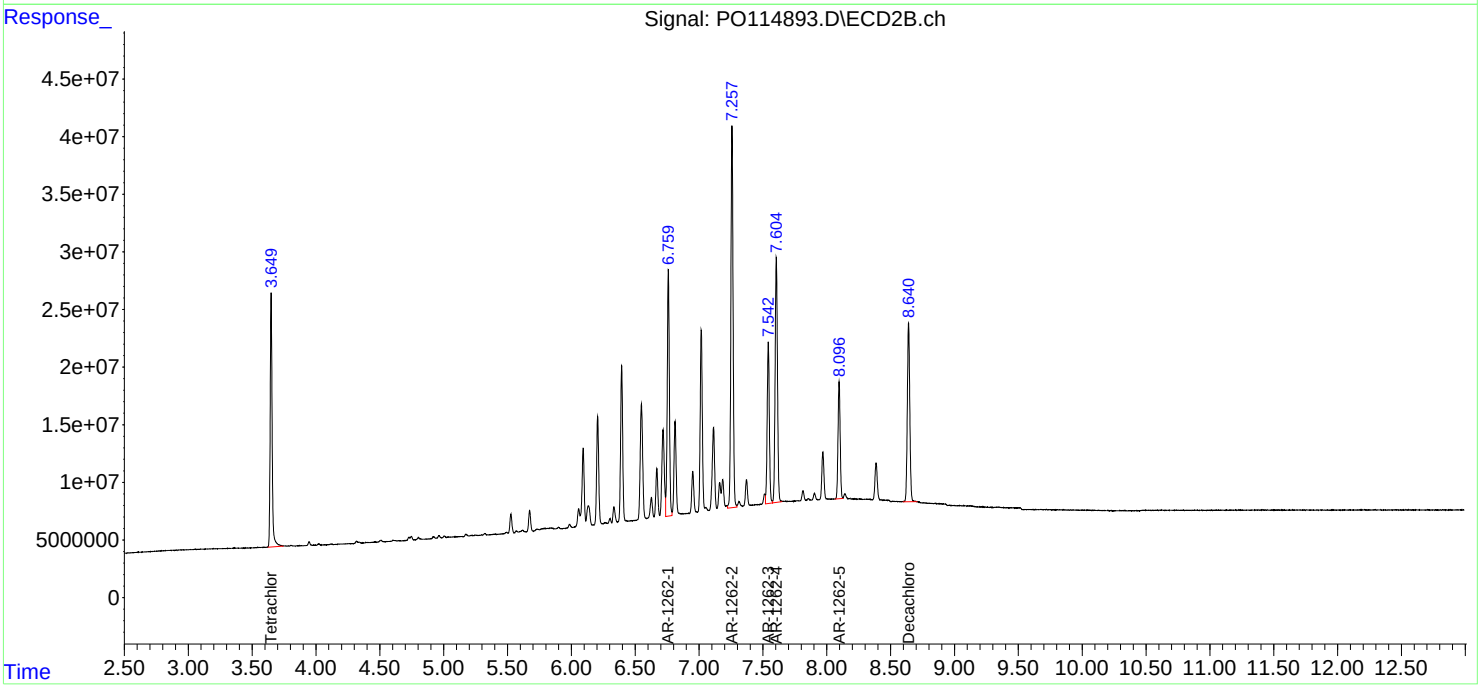
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:00
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

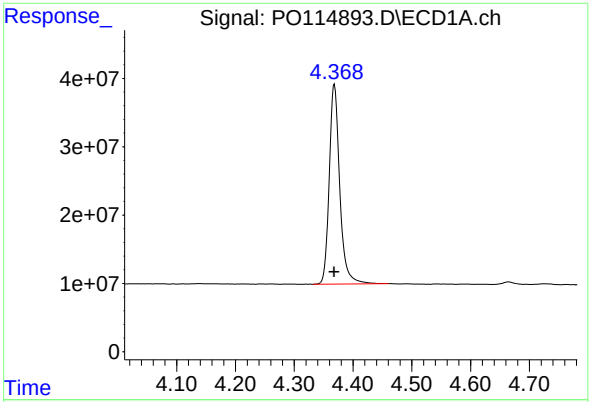
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

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



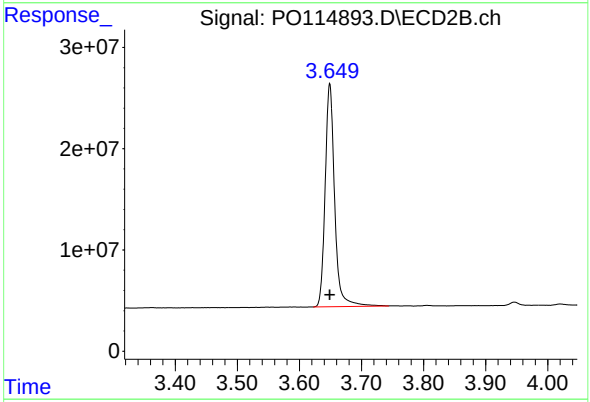




#1 Tetrachloro-m-xylene

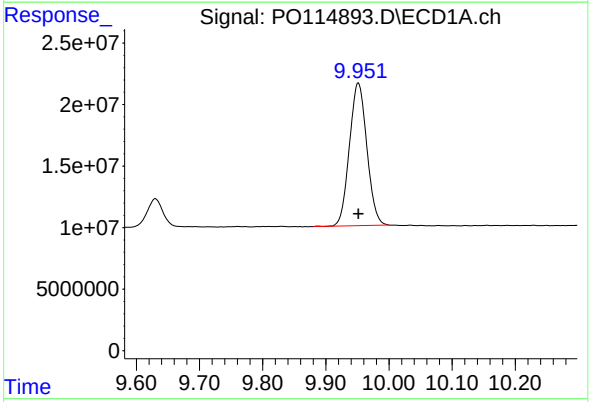
R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 362532635
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



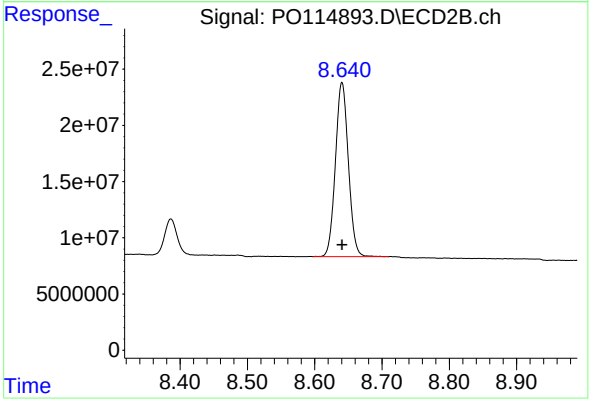
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 234196834
Conc: 50.00 ng/ml



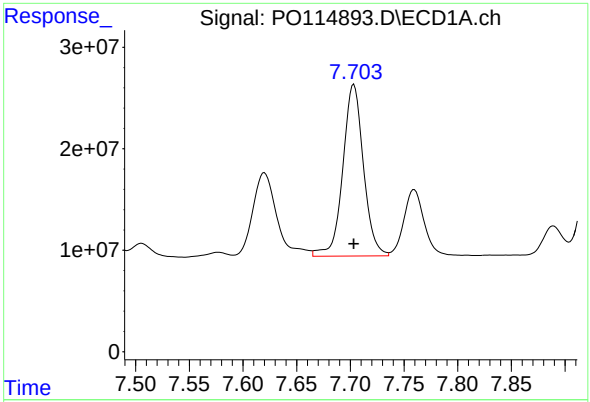
#2 Decachlorobiphenyl

R.T.: 9.952 min
Delta R.T.: 0.000 min
Response: 223014232
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

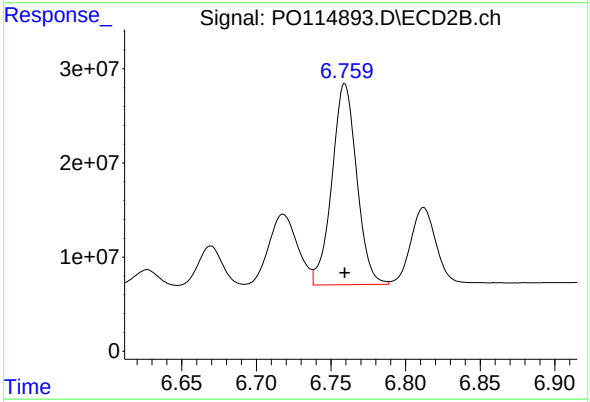
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 207728781
Conc: 50.00 ng/ml



#36 AR-1262-1

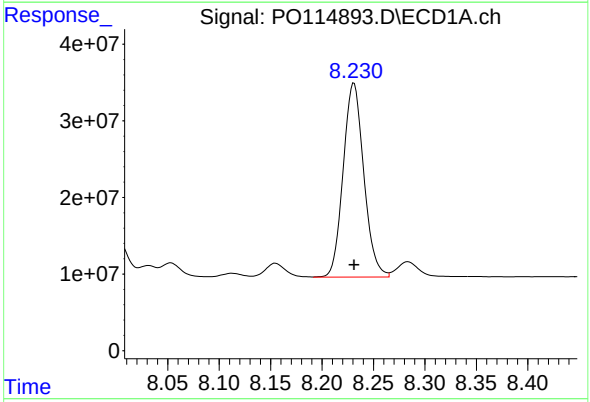
R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 226701954
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



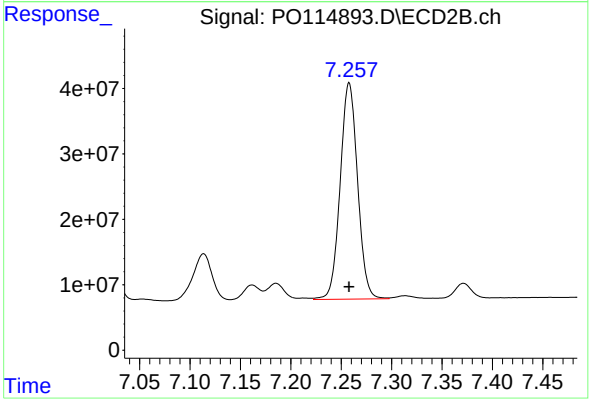
#36 AR-1262-1

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 247102766
Conc: 500.00 ng/ml



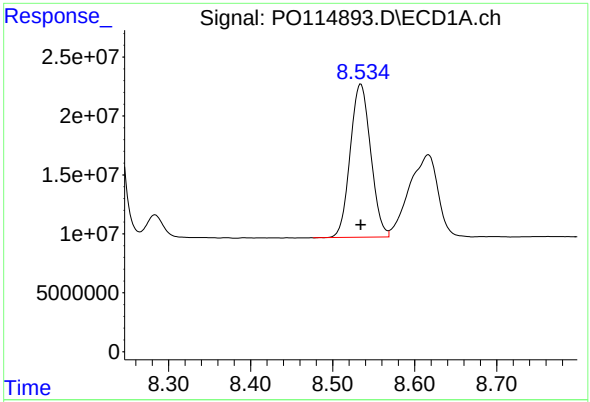
#37 AR-1262-2

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 353598771
Conc: 500.00 ng/ml



#37 AR-1262-2

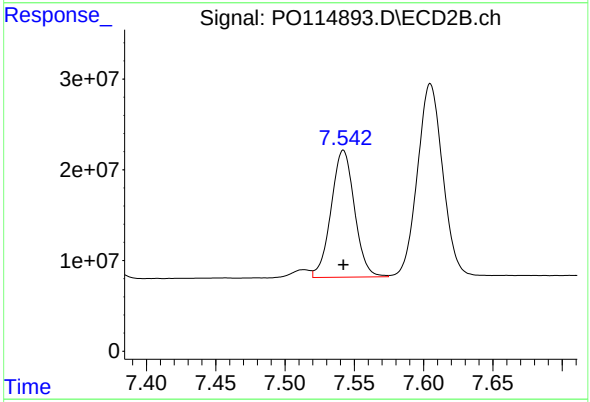
R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 397545452
Conc: 500.00 ng/ml



#38 AR-1262-3

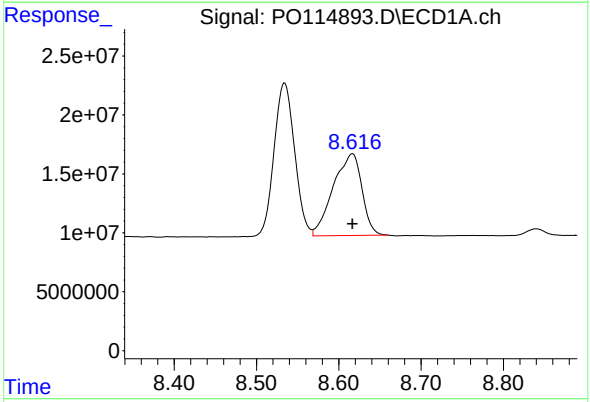
R.T.: 8.534 min
Delta R.T.: 0.000 min
Response: 225709647
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



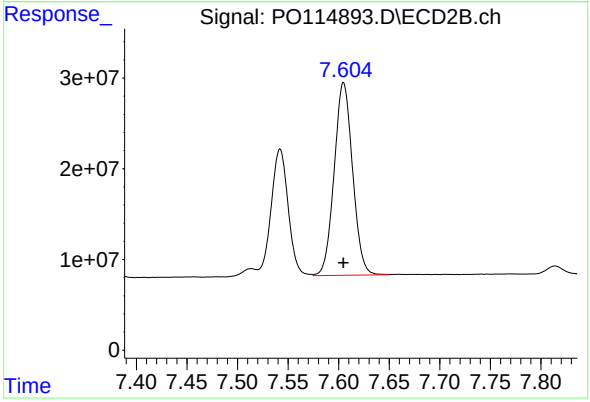
#38 AR-1262-3

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 164513625
Conc: 500.00 ng/ml



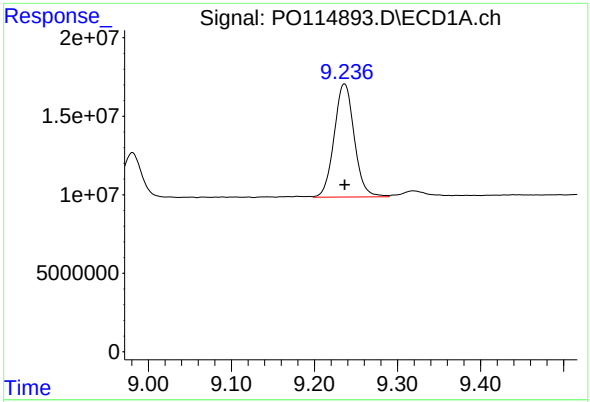
#39 AR-1262-4

R.T.: 8.616 min
Delta R.T.: 0.000 min
Response: 168092665
Conc: 500.00 ng/ml



#39 AR-1262-4

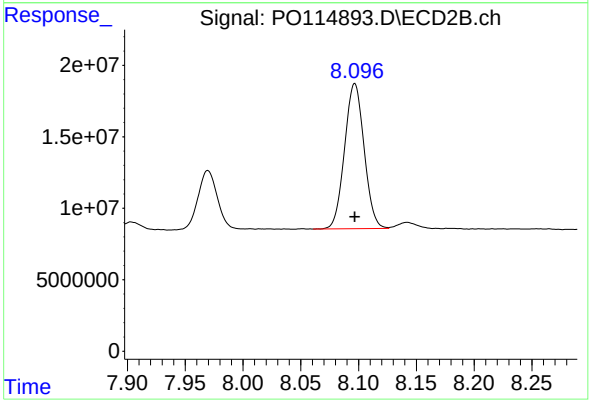
R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 269095514
Conc: 500.00 ng/ml



#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

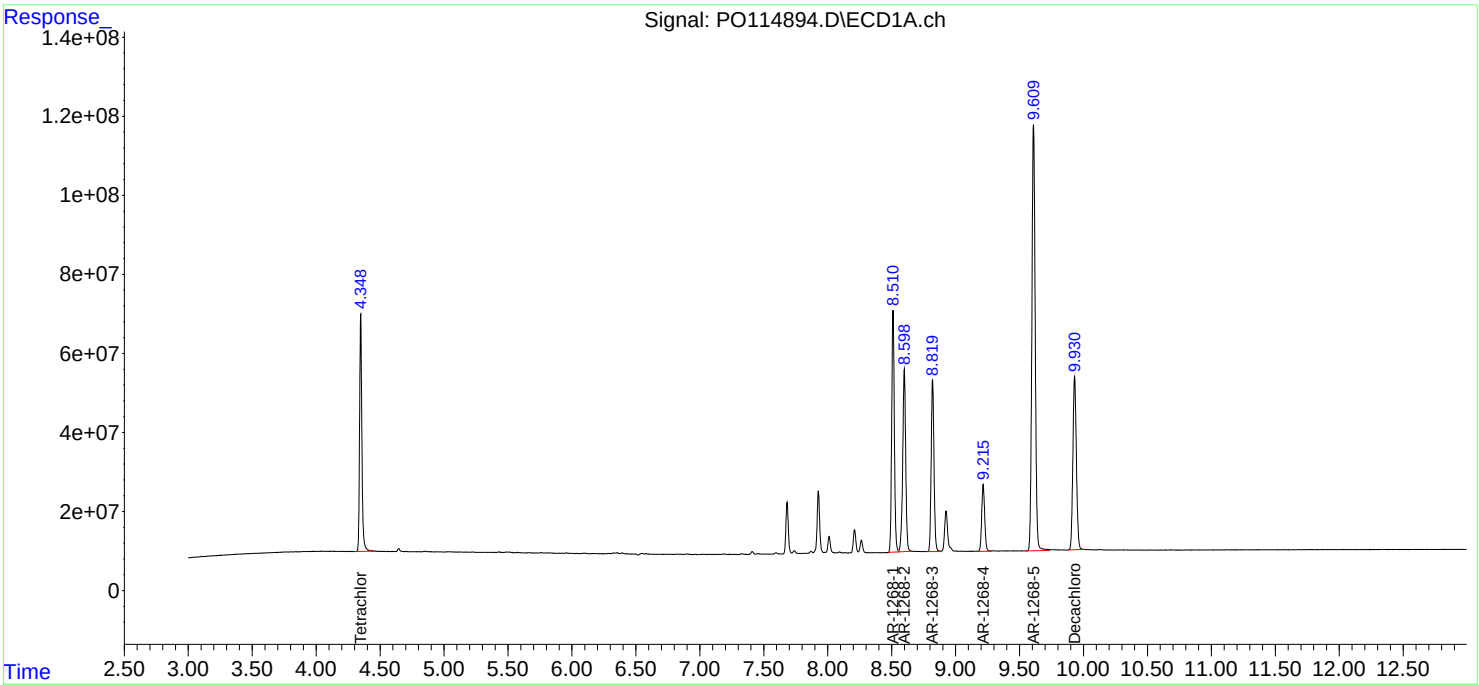
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

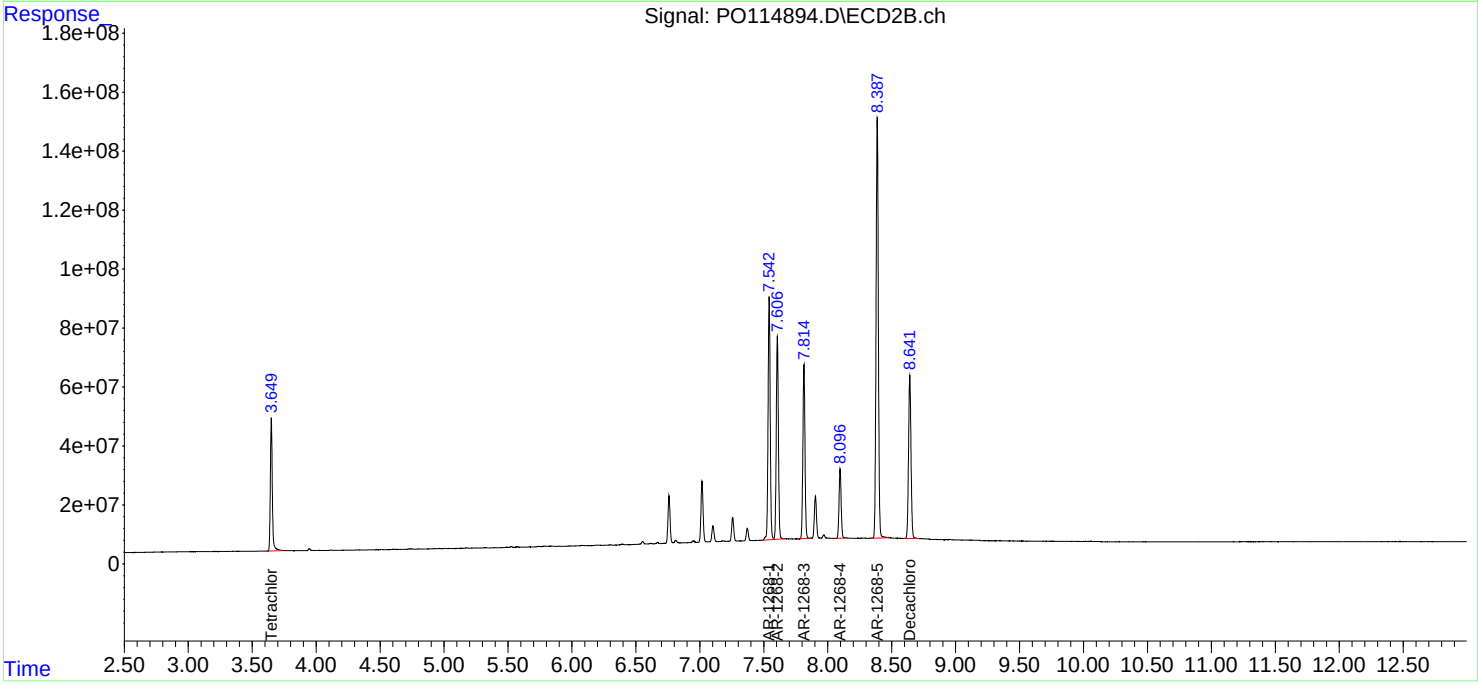
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:18
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

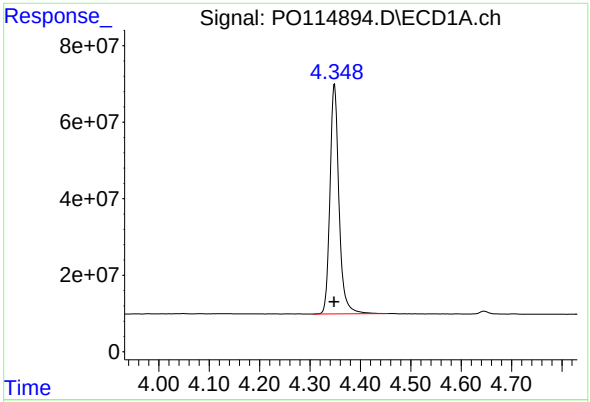
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

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



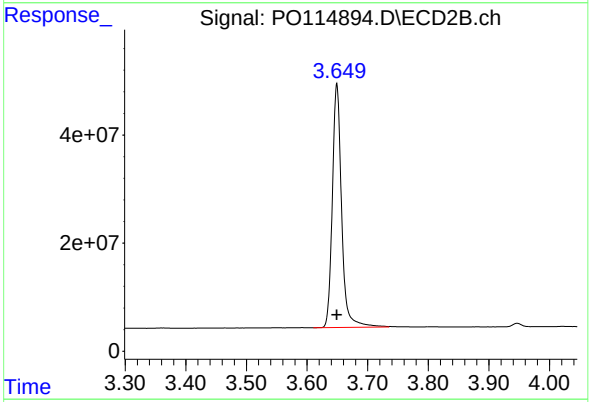




#1 Tetrachloro-m-xylene

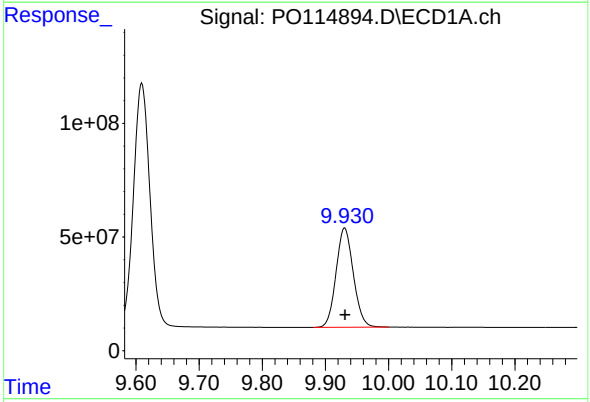
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 747579288
Conc: 97.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



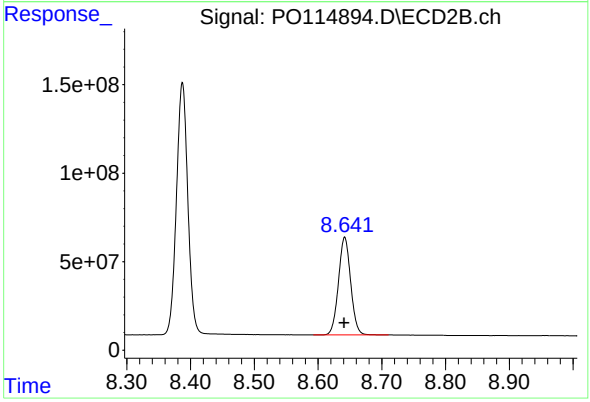
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 479152157
Conc: 97.47 ng/ml



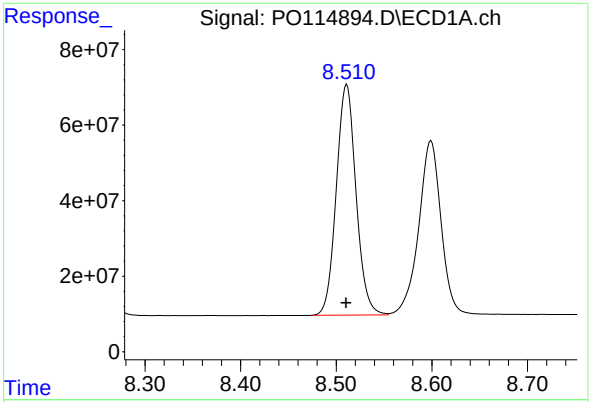
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 828838535
Conc: 97.45 ng/ml



#2 Decachlorobiphenyl

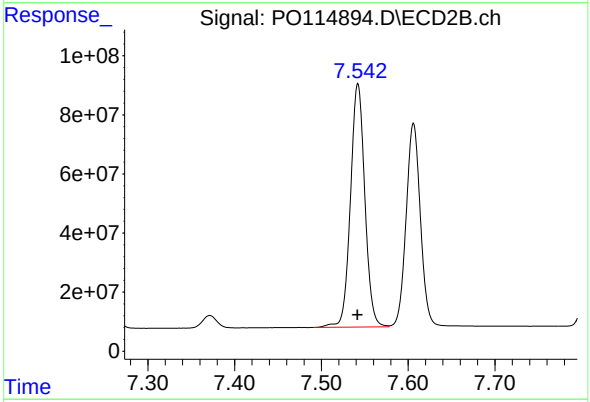
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 734998039
Conc: 95.38 ng/ml



#41 AR-1268-1

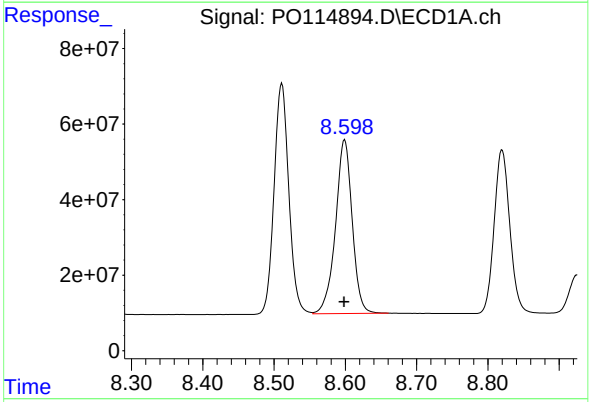
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 876279188
Conc: 981.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



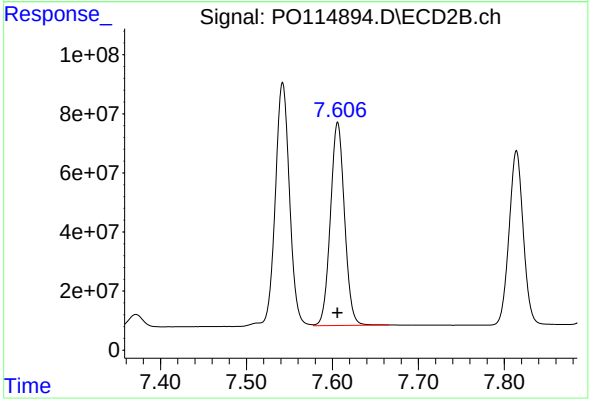
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 948830555
Conc: 966.49 ng/ml



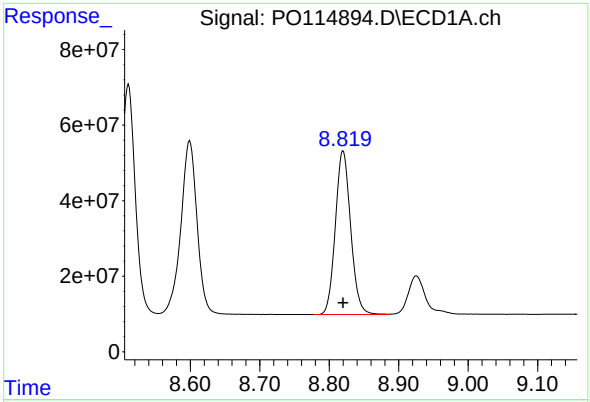
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.001 min
Response: 748334854
Conc: 977.54 ng/ml



#42 AR-1268-2

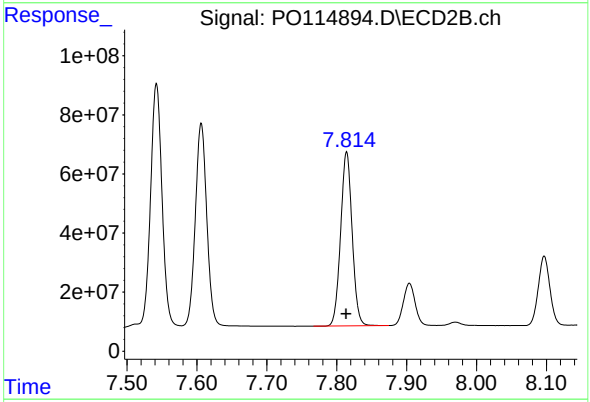
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 784312077
Conc: 966.82 ng/ml



#43 AR-1268-3

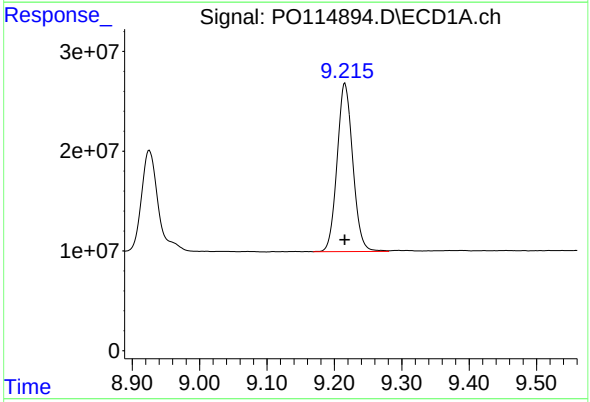
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 663299706
Conc: 975.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



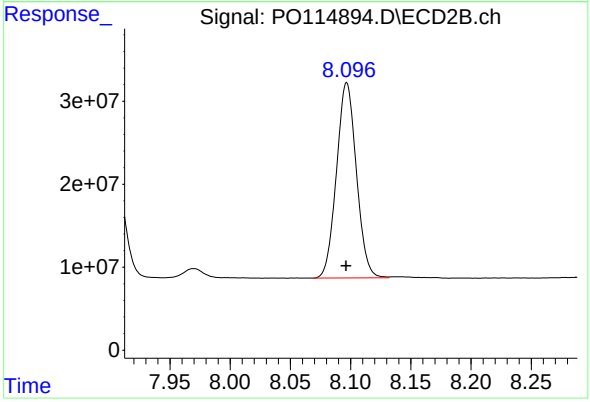
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 672635507
Conc: 966.81 ng/ml



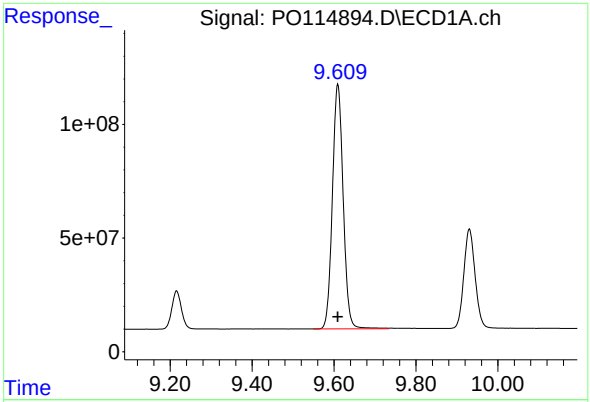
#44 AR-1268-4

R.T.: 9.216 min
Delta R.T.: 0.000 min
Response: 274155738
Conc: 971.12 ng/ml



#44 AR-1268-4

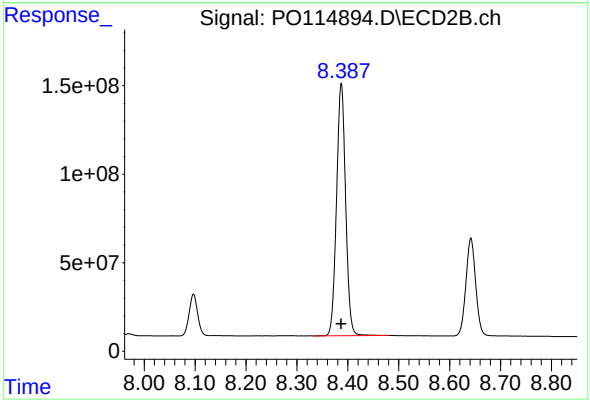
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 270862616
Conc: 967.07 ng/ml



#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

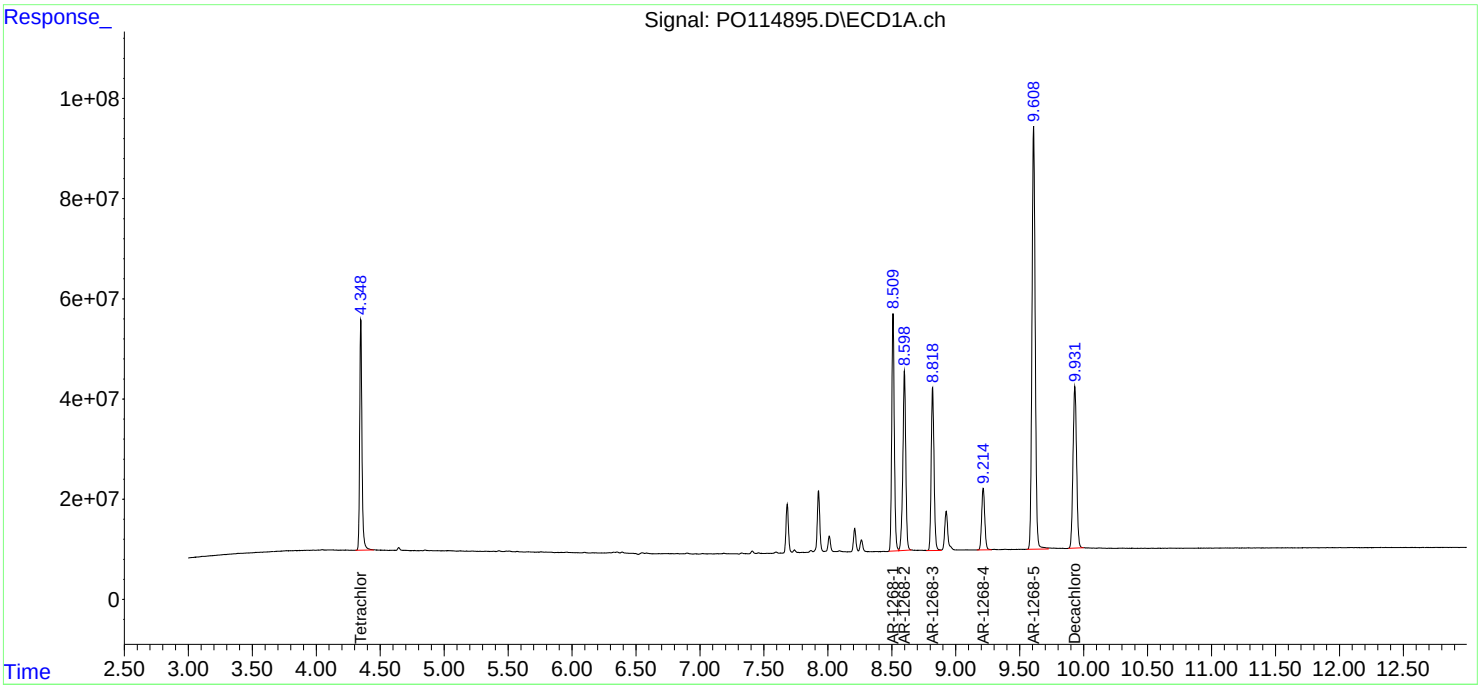
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

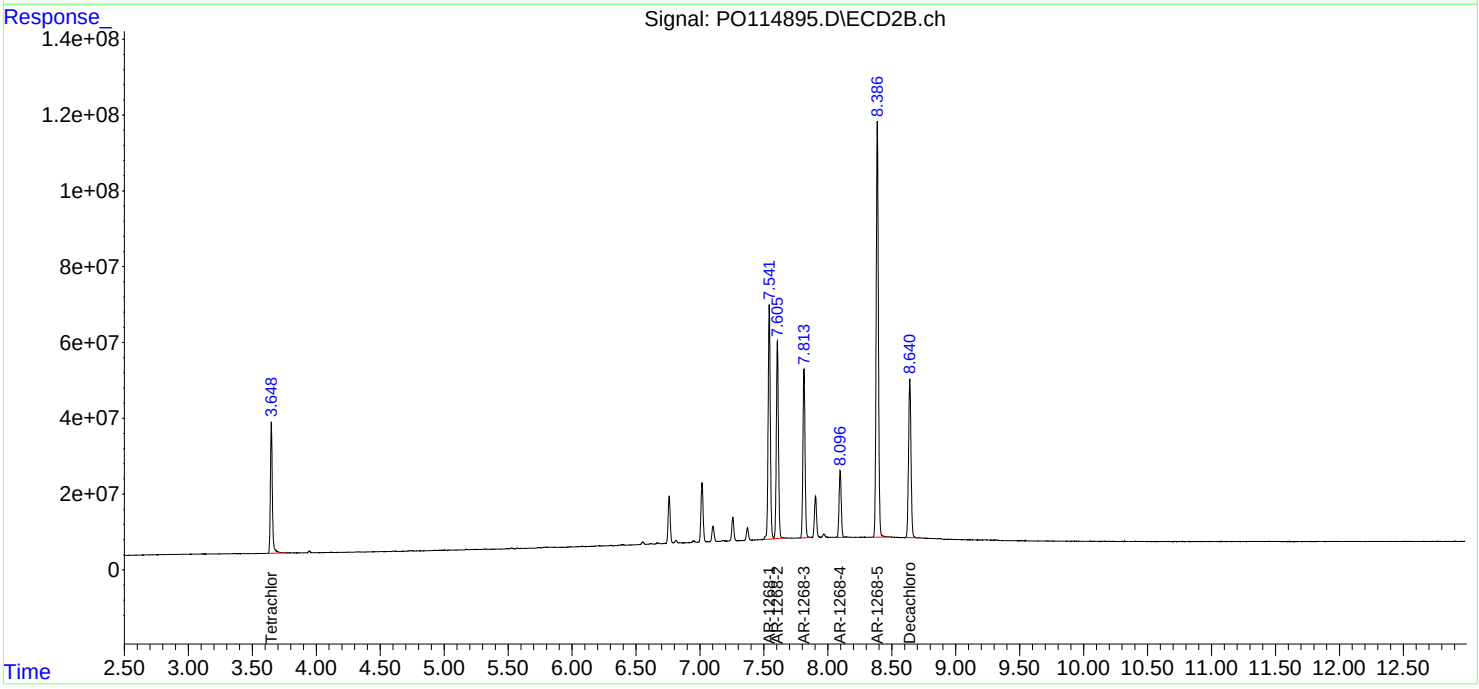
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:36
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

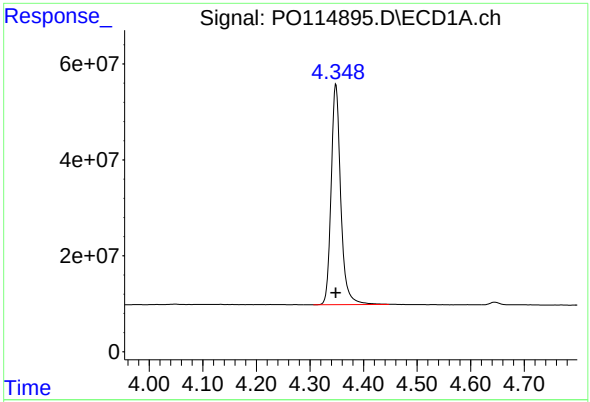
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

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



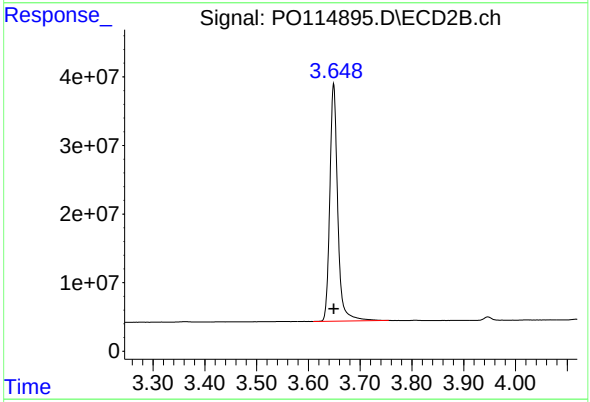




#1 Tetrachloro-m-xylene

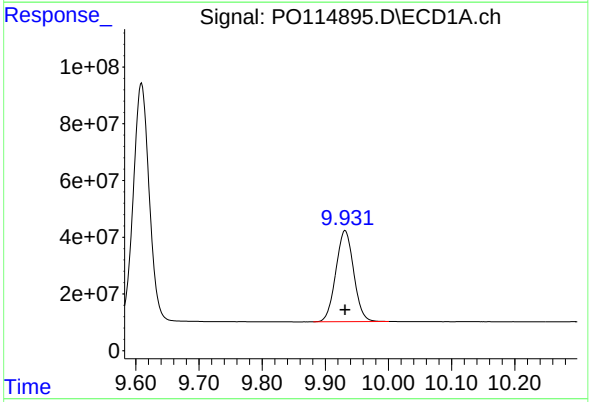
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 572751235
Conc: 74.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



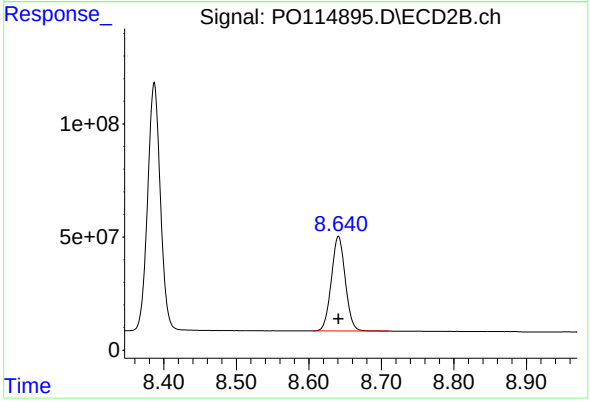
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 367691097
Conc: 74.80 ng/ml



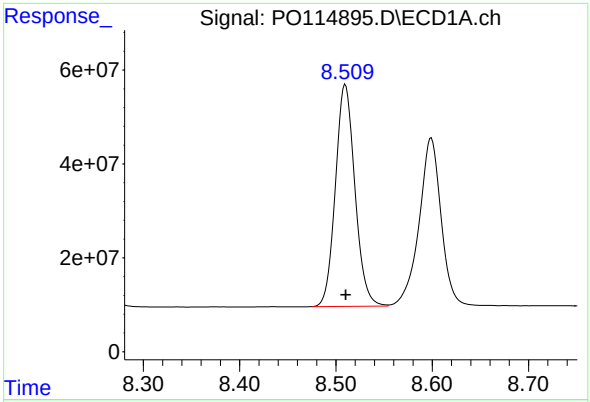
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 629732594
Conc: 74.04 ng/ml



#2 Decachlorobiphenyl

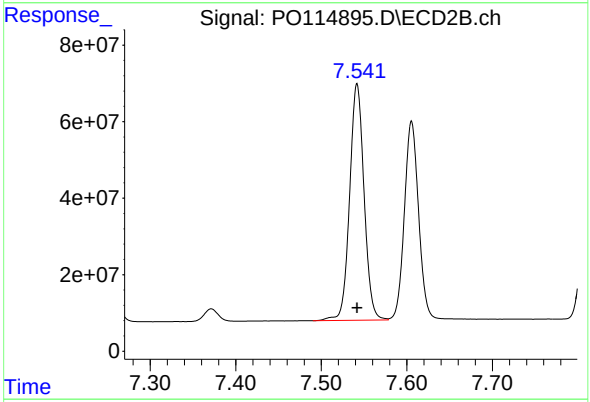
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 557836685
Conc: 72.39 ng/ml



#41 AR-1268-1

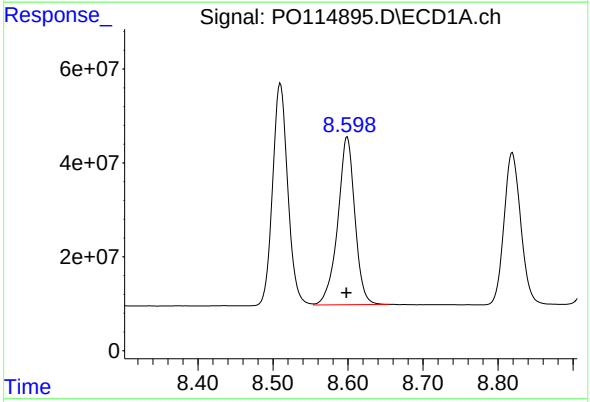
R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 664288053
Conc: 743.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



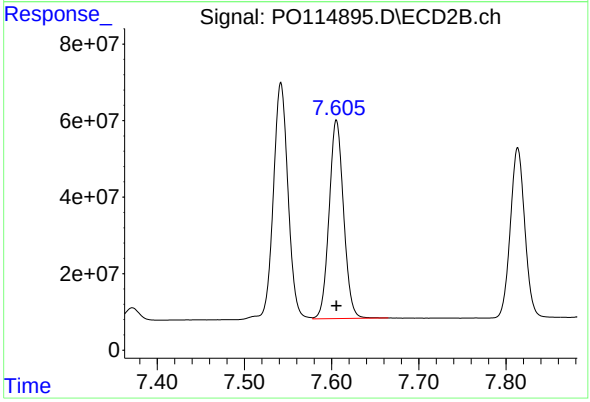
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 724048910
Conc: 737.52 ng/ml



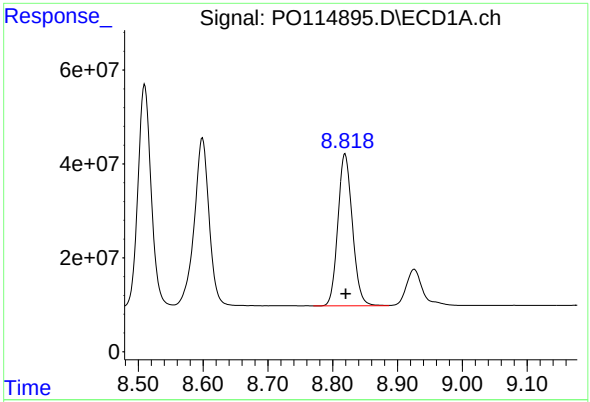
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 567253010
Conc: 741.00 ng/ml



#42 AR-1268-2

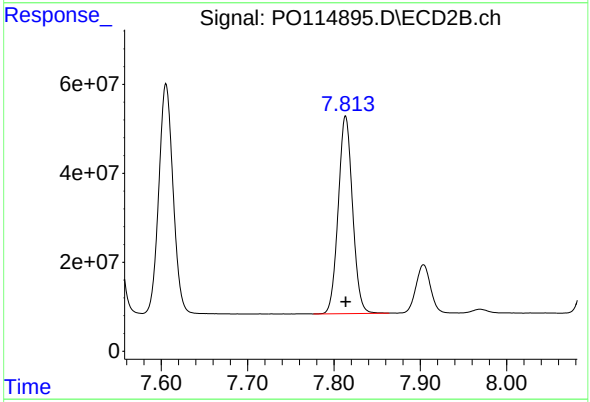
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 597520658
Conc: 736.56 ng/ml



#43 AR-1268-3

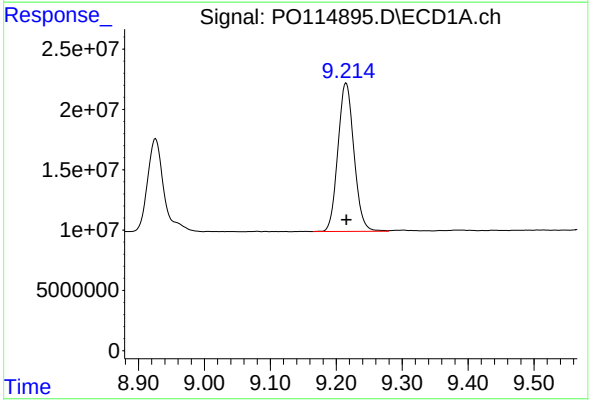
R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 504064370
Conc: 741.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



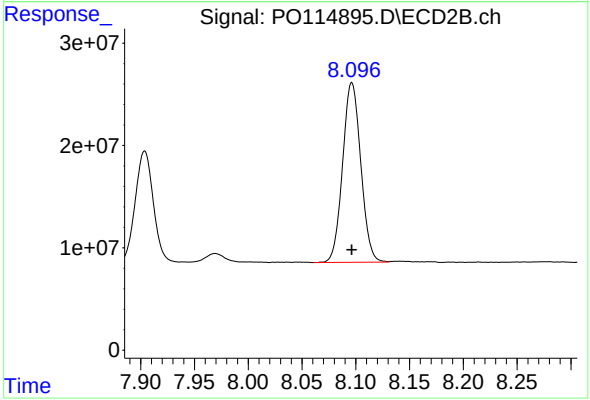
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 511131963
Conc: 734.68 ng/ml



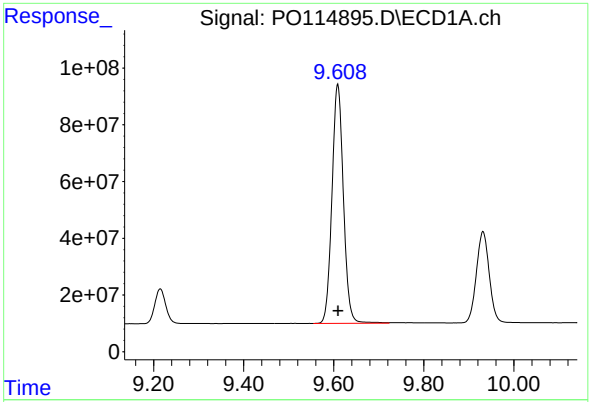
#44 AR-1268-4

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 208148395
Conc: 737.30 ng/ml



#44 AR-1268-4

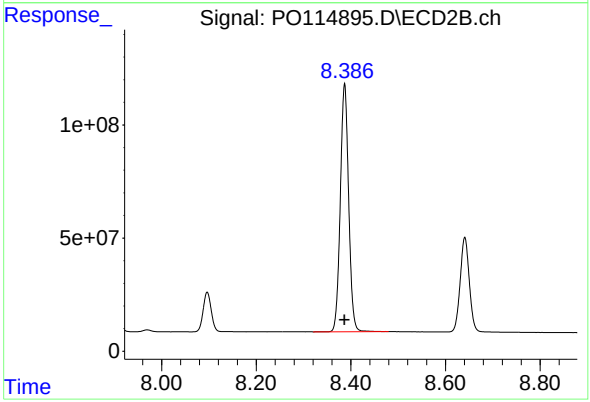
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 206551935
Conc: 737.46 ng/ml



#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

ICAL Form

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

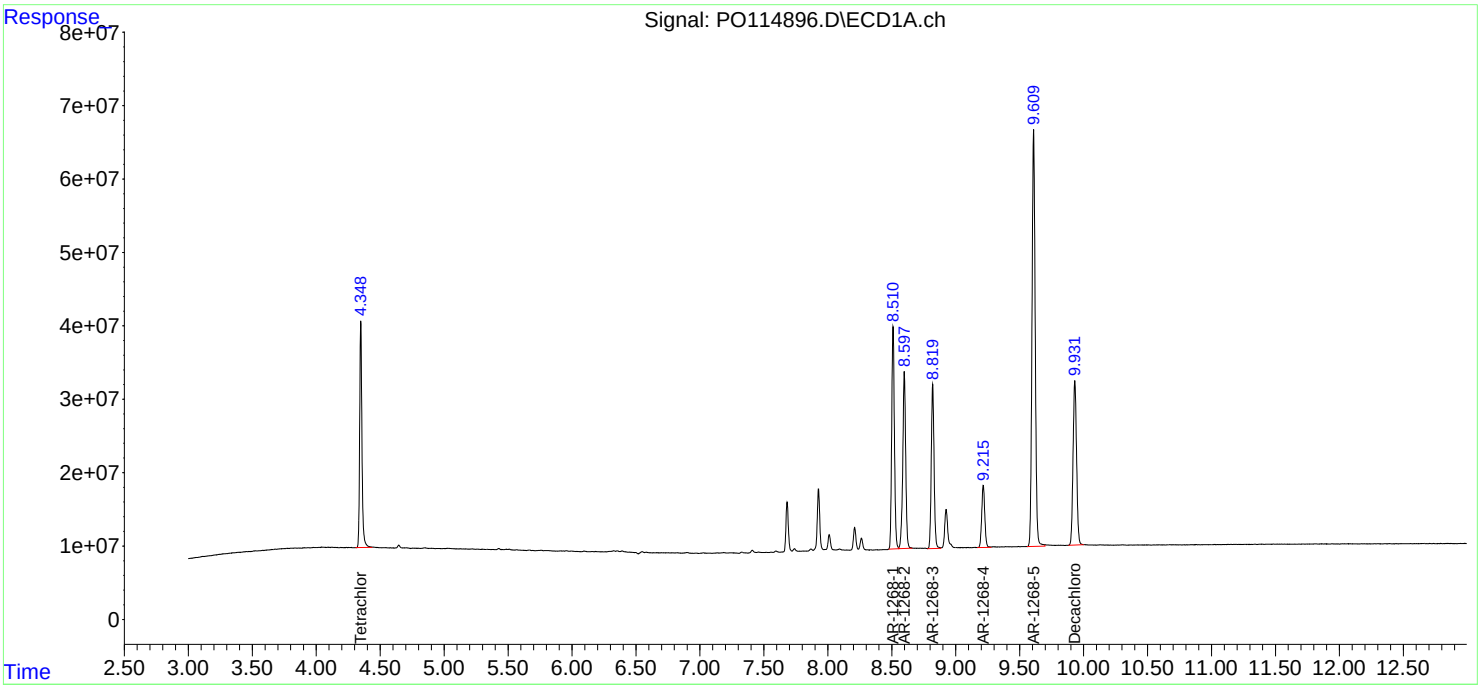
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

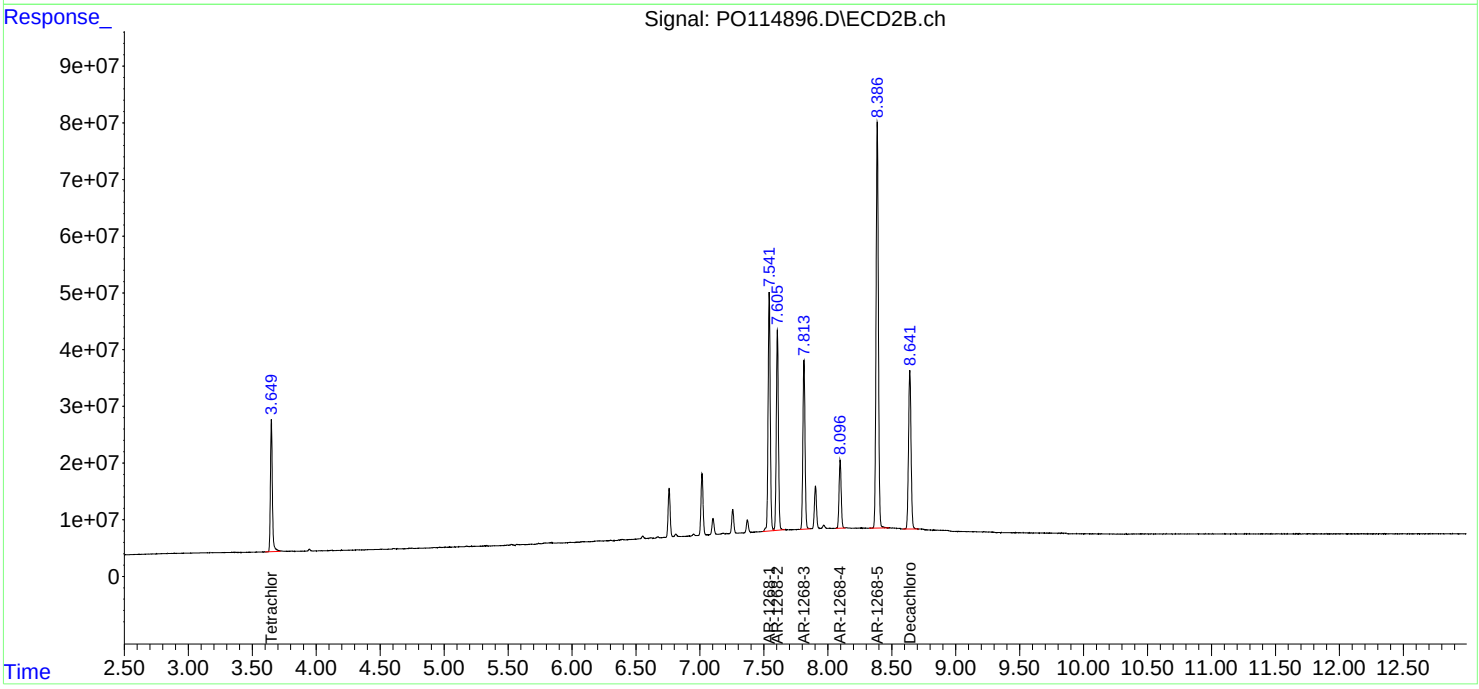
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:55
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

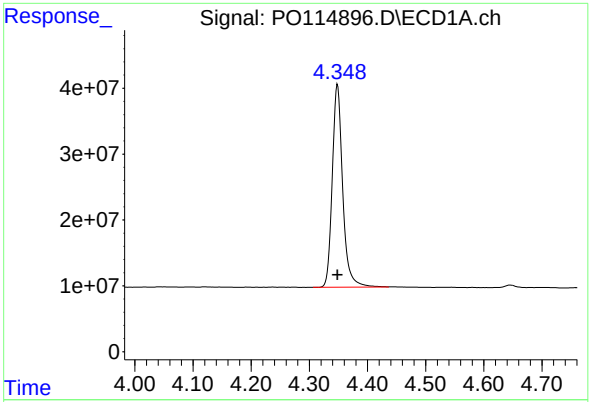
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

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



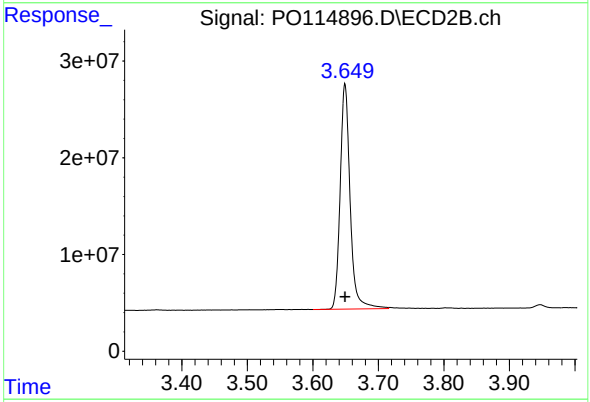




#1 Tetrachloro-m-xylene

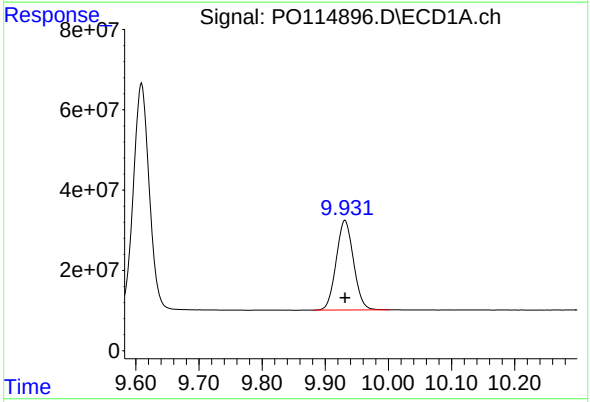
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 382764581
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



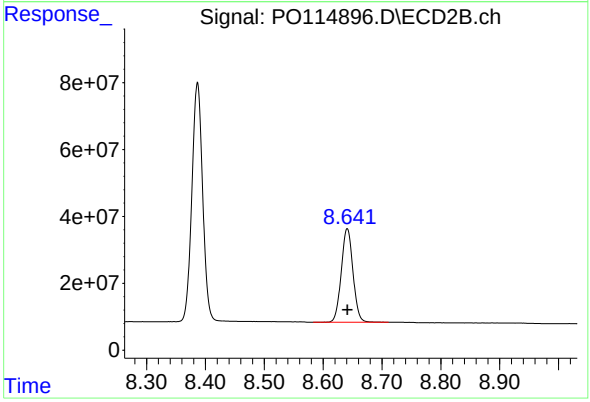
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 245796033
Conc: 50.00 ng/ml



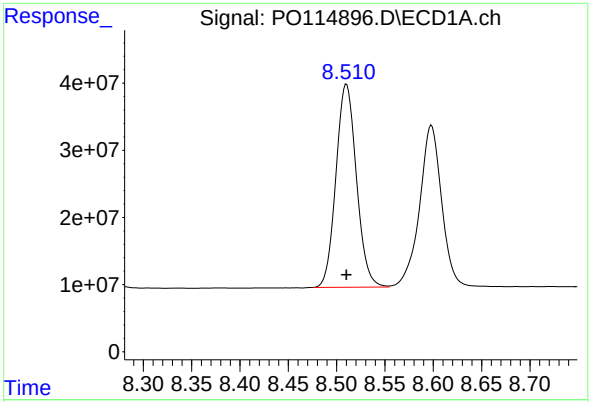
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 425247344
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

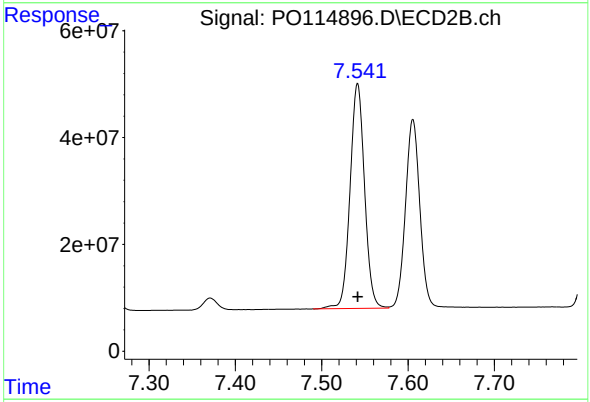
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 385310067
Conc: 50.00 ng/ml



#41 AR-1268-1

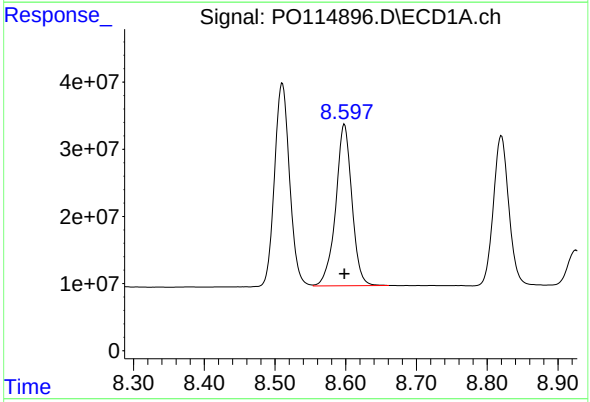
R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 446520511
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



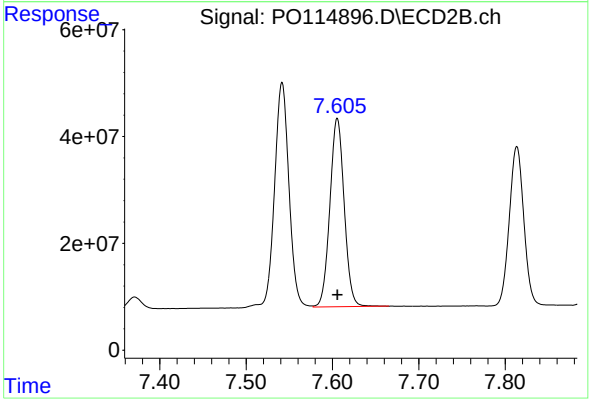
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 490866452
Conc: 500.00 ng/ml



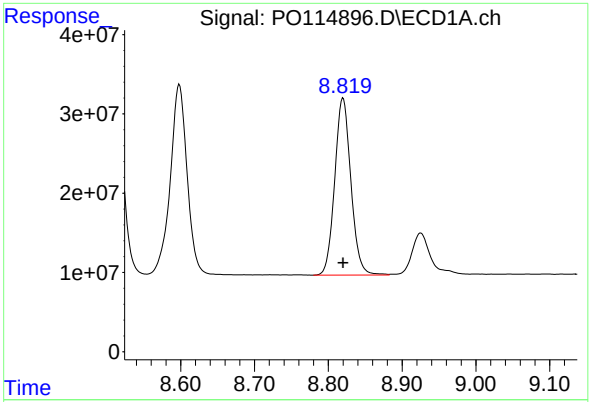
#42 AR-1268-2

R.T.: 8.598 min
Delta R.T.: 0.000 min
Response: 382762768
Conc: 500.00 ng/ml



#42 AR-1268-2

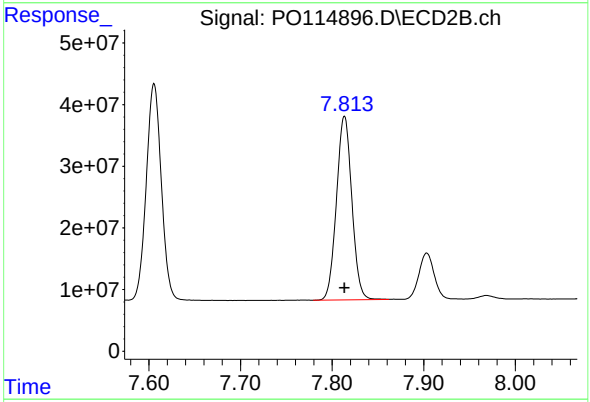
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 405613764
Conc: 500.00 ng/ml



#43 AR-1268-3

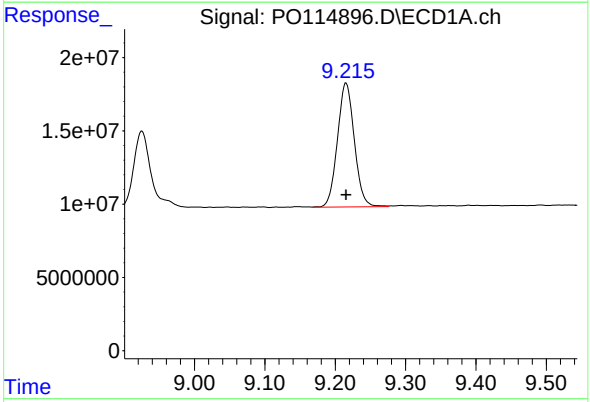
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 339933456
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



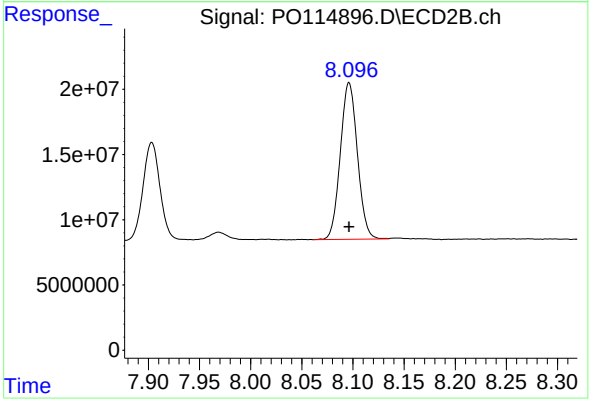
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 347861665
Conc: 500.00 ng/ml



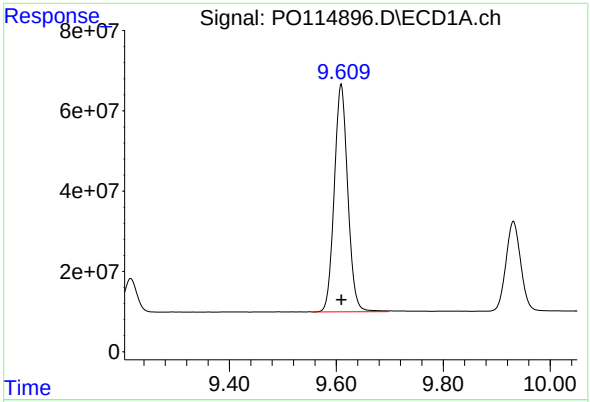
#44 AR-1268-4

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 141155010
Conc: 500.00 ng/ml



#44 AR-1268-4

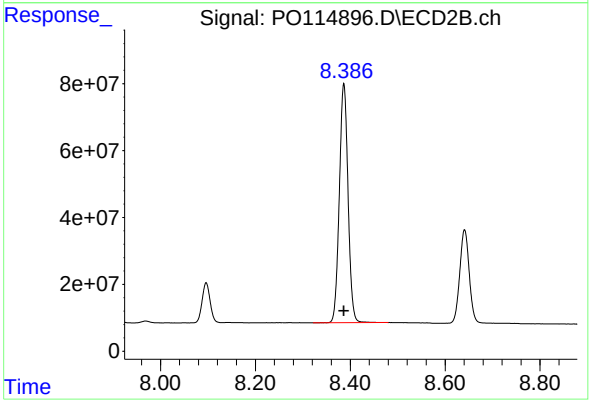
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 140043419
Conc: 500.00 ng/ml



#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.

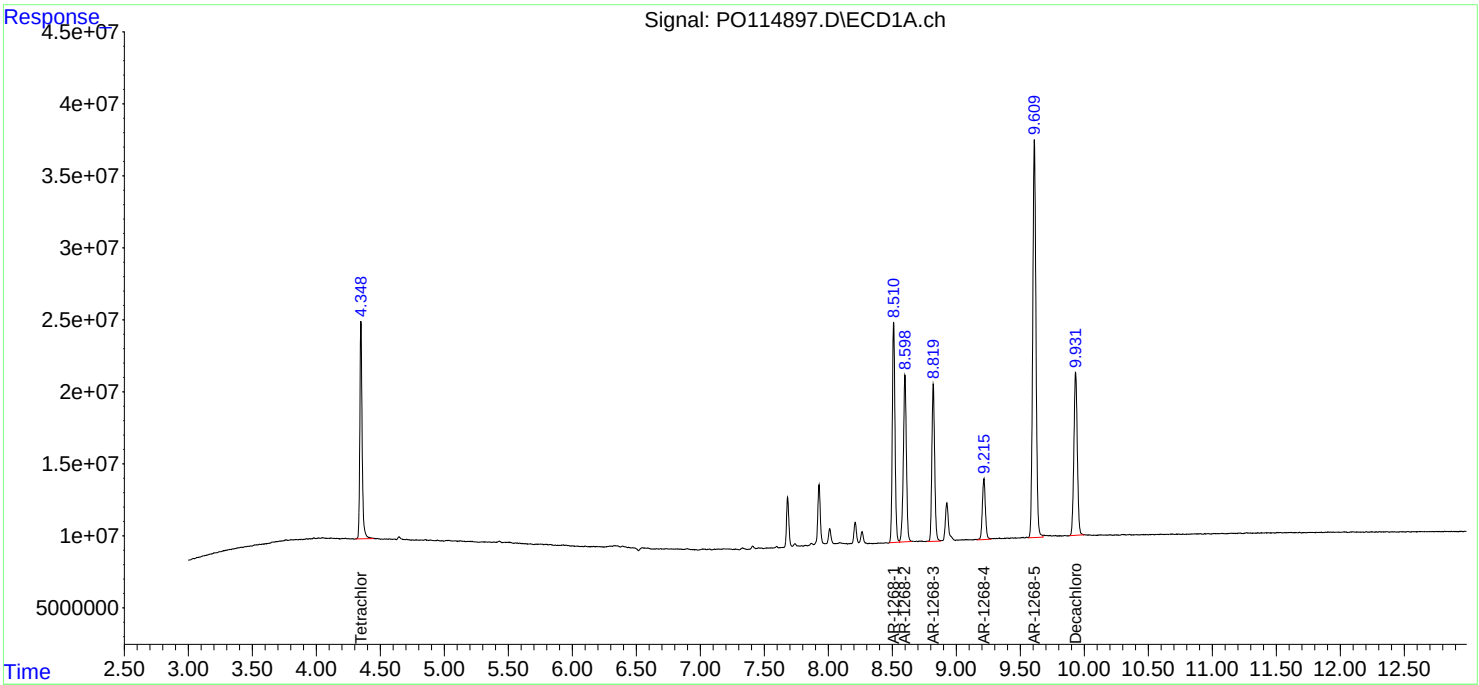
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 18:13
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

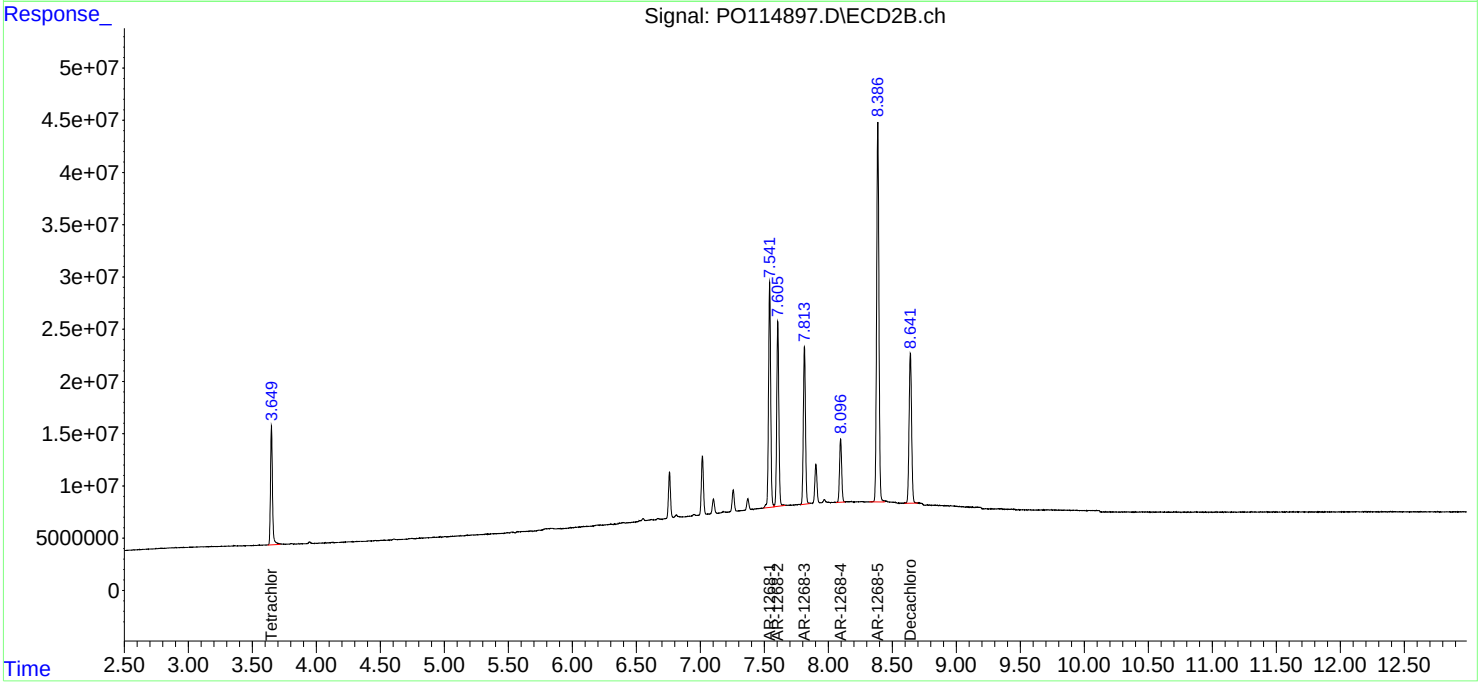
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

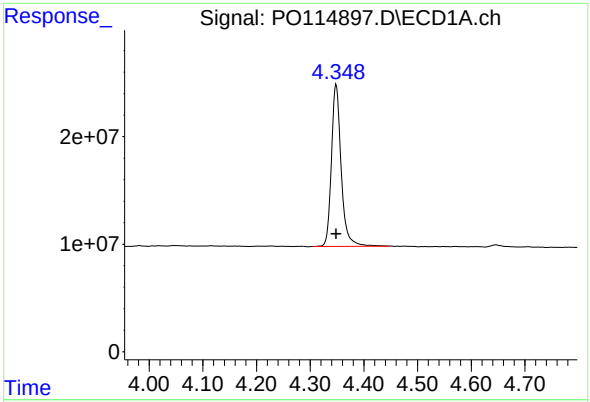
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

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







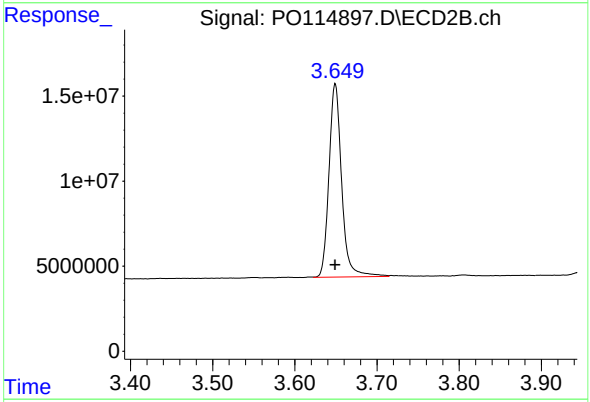
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 189928356
Conc: 24.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

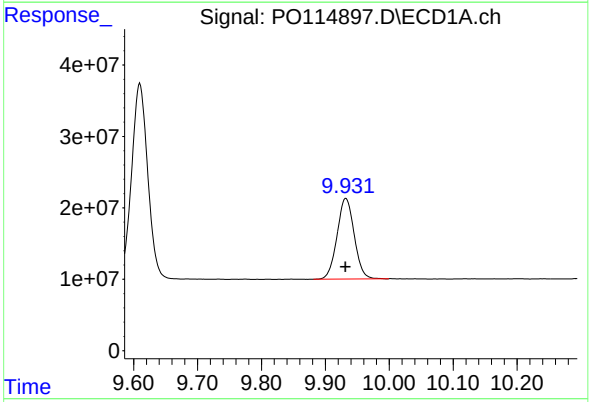
Manual Integrations APPROVED

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



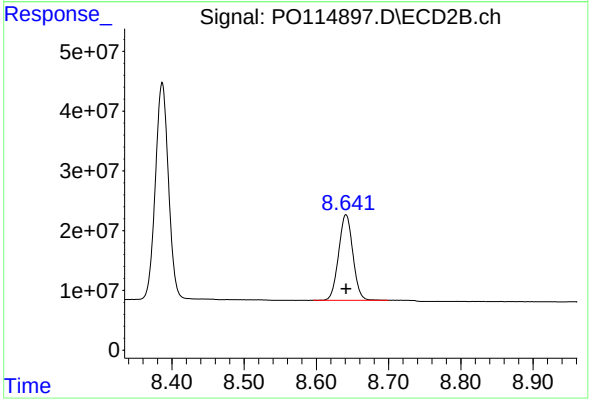
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 122081833
Conc: 24.83 ng/ml



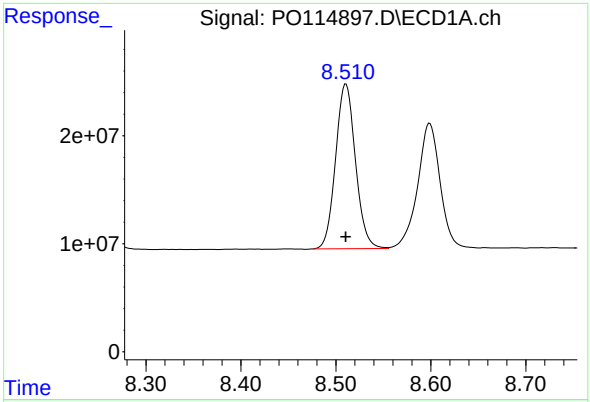
#2 Decachlorobiphenyl

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



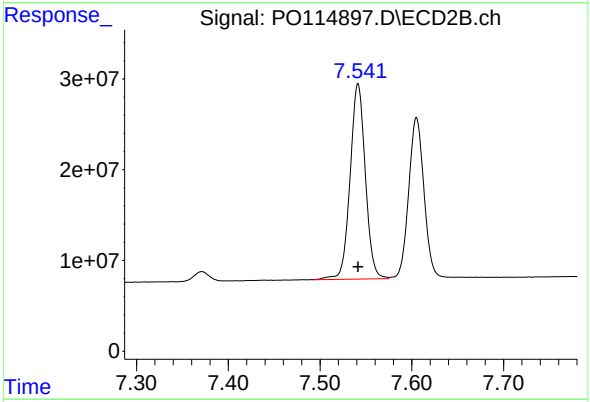
#41 AR-1268-1

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 221882466
Conc: 248.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

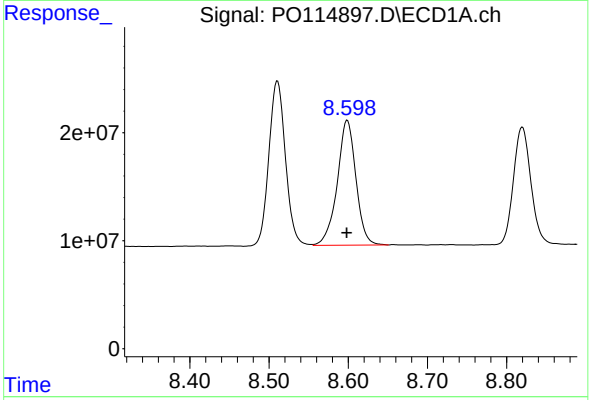
Manual Integrations APPROVED

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



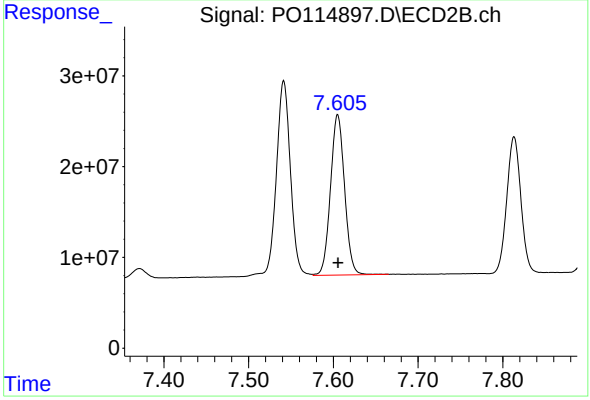
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 248395537
Conc: 253.02 ng/ml m



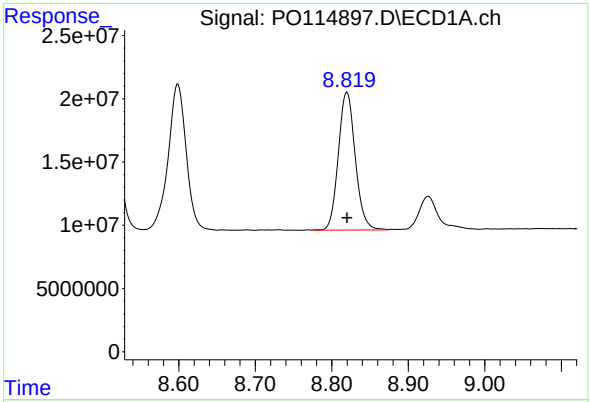
#42 AR-1268-2

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



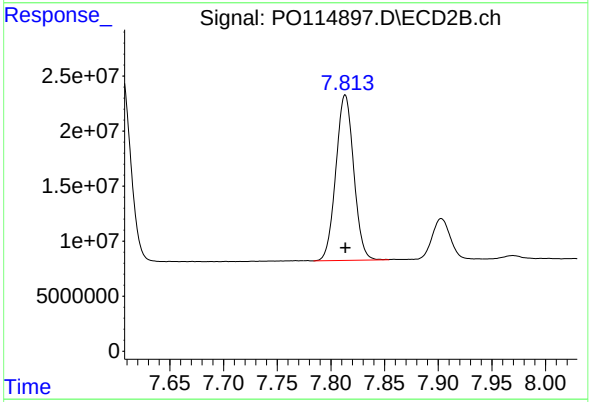
#43 AR-1268-3

R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 167915251
Conc: 246.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

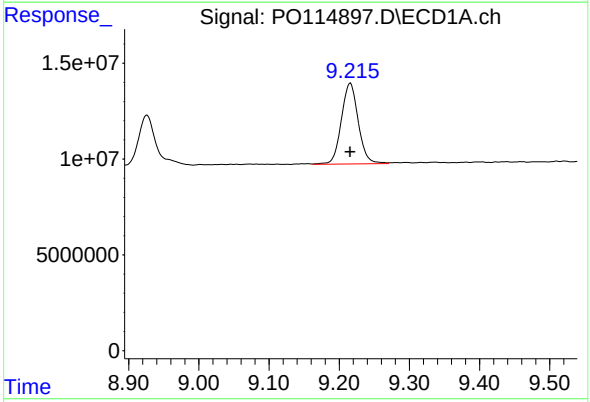
Manual Integrations APPROVED

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



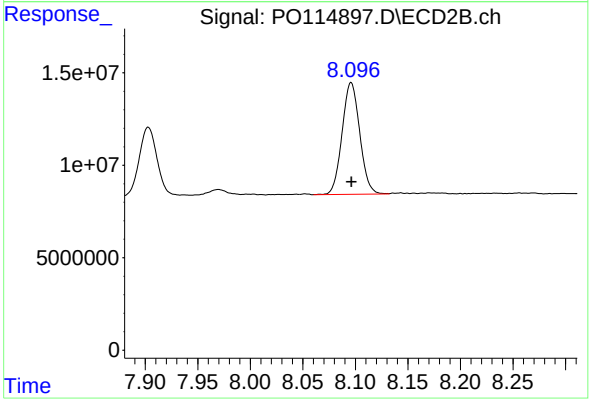
#43 AR-1268-3

R.T.: 7.813 min
Delta R.T.: 0.000 min
Response: 174056284
Conc: 250.18 ng/ml



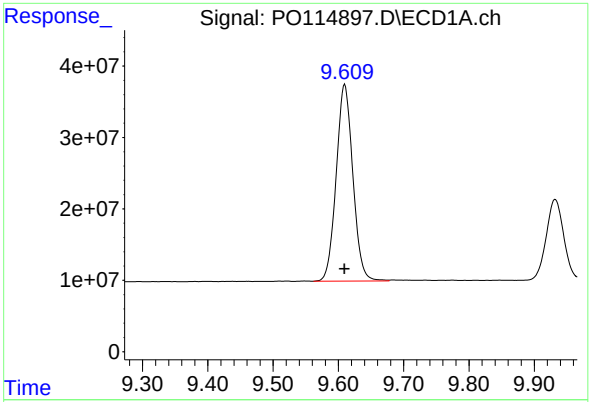
#44 AR-1268-4

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



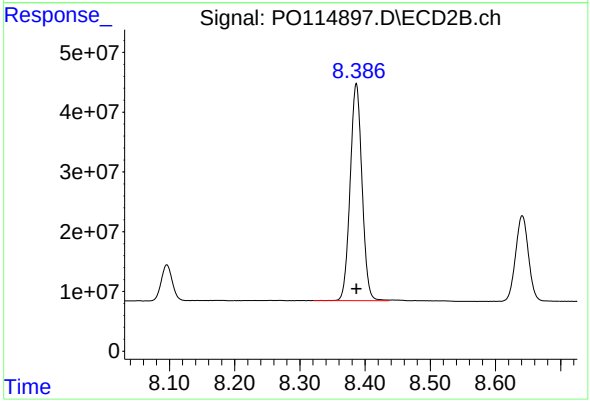
#45 AR-1268-5

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

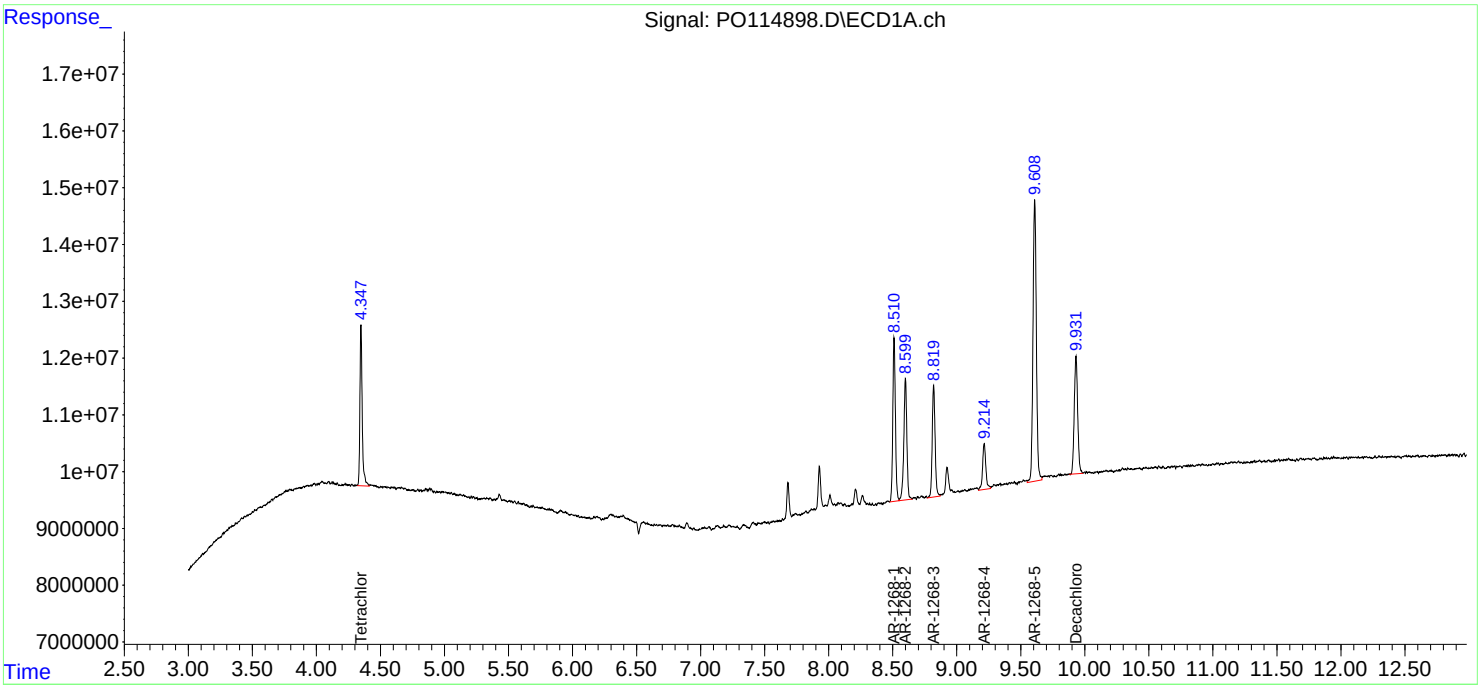
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

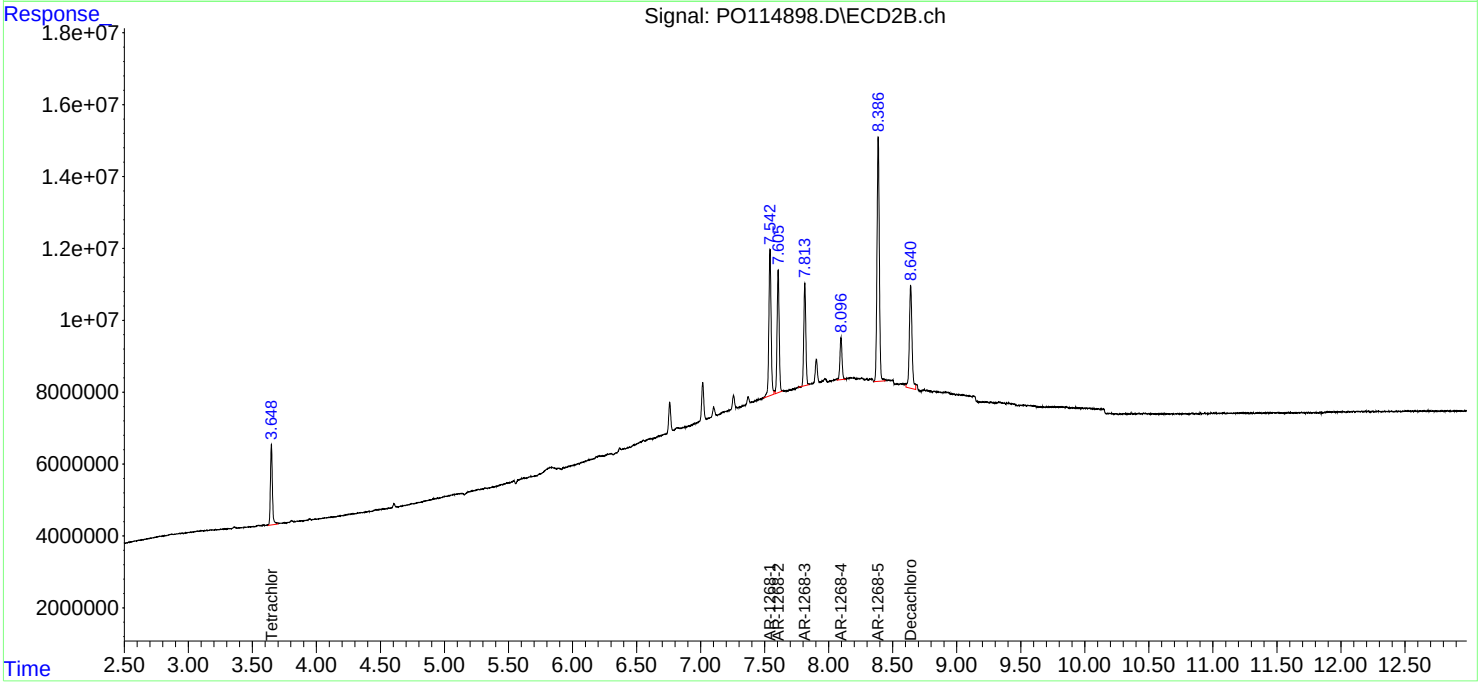
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 18:31
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

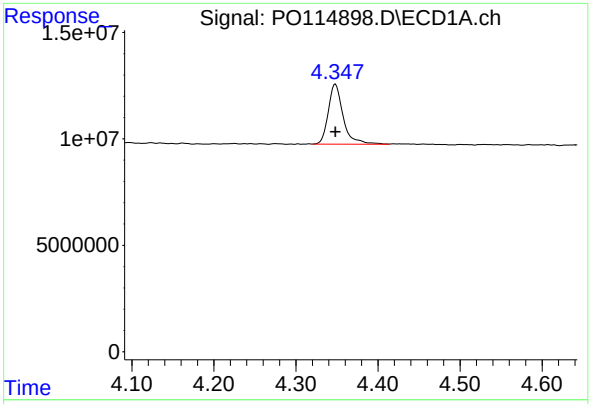
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

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



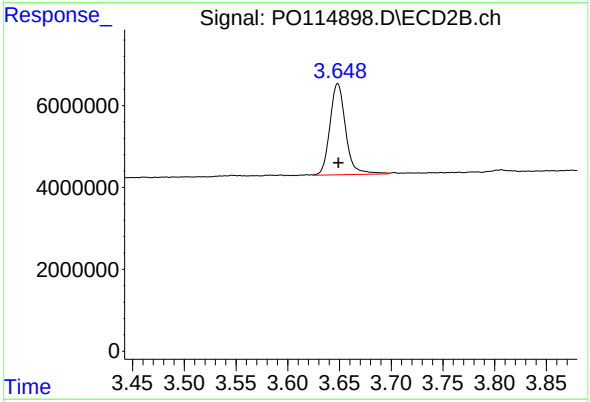




#1 Tetrachloro-m-xylene

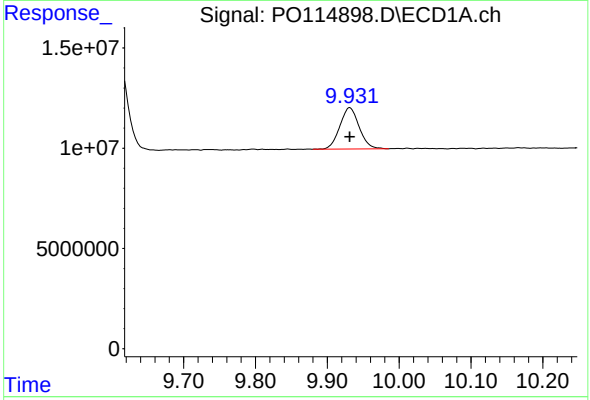
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 35607202
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



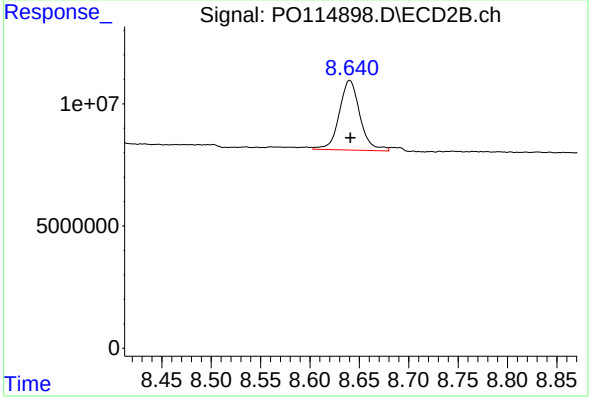
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 23620780
Conc: 4.80 ng/ml



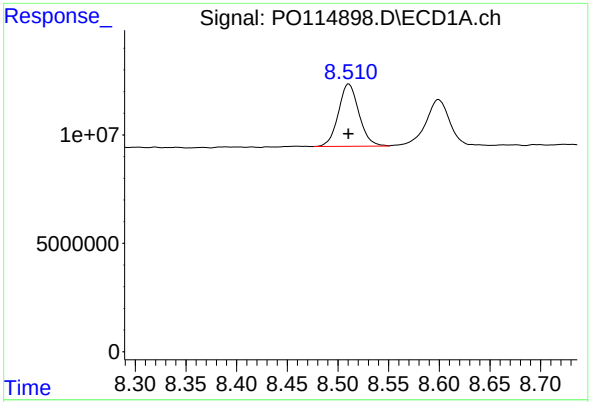
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 38610556
Conc: 4.54 ng/ml



#2 Decachlorobiphenyl

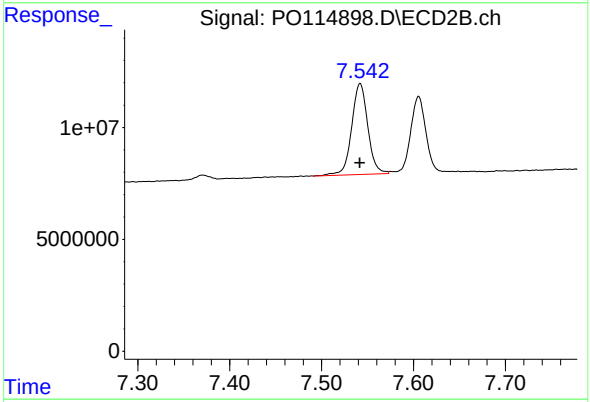
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 41609899
Conc: 5.40 ng/ml



#41 AR-1268-1

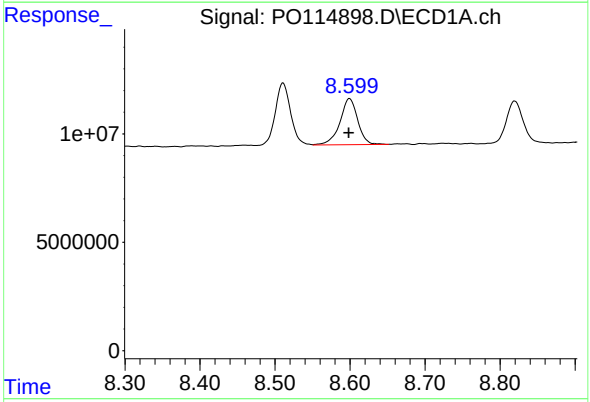
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 40675439
Conc: 45.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



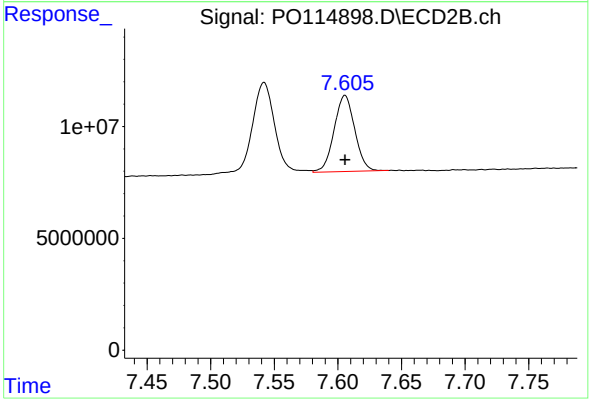
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 49554127
Conc: 50.48 ng/ml



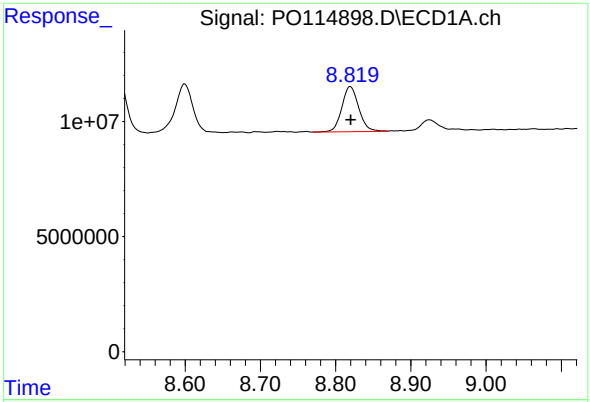
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.001 min
Response: 35140218
Conc: 45.90 ng/ml



#42 AR-1268-2

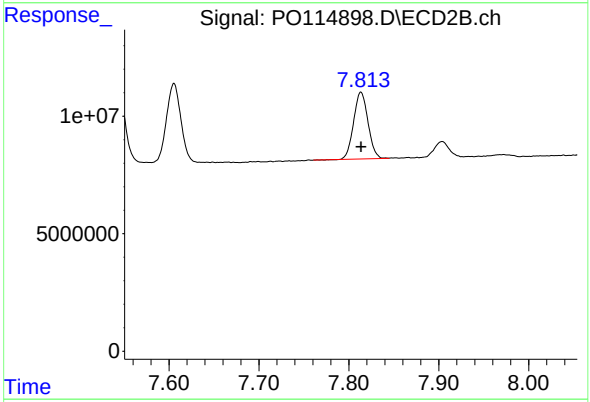
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 38446458
Conc: 47.39 ng/ml



#43 AR-1268-3

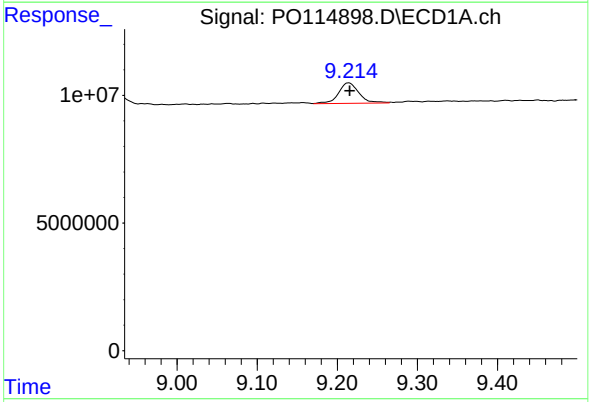
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 30894342
Conc: 45.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



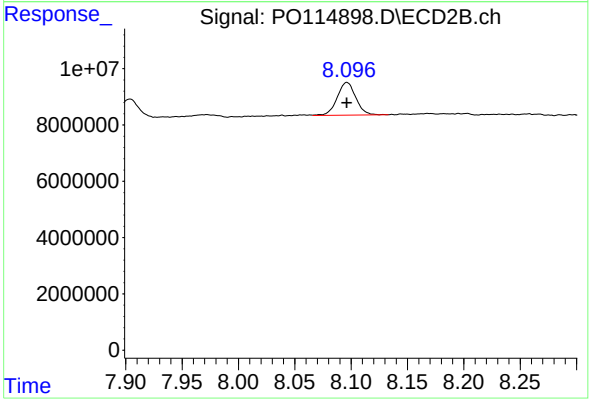
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 31638164
Conc: 45.48 ng/ml



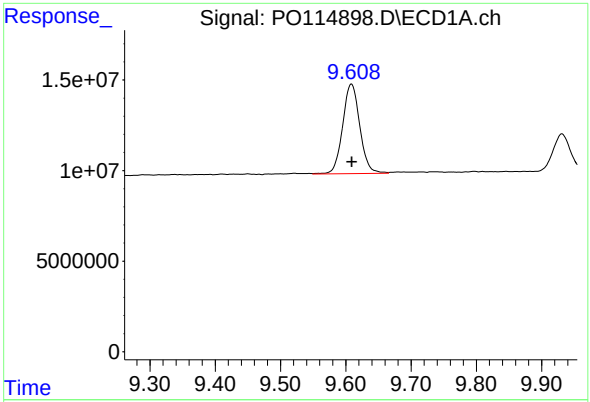
#44 AR-1268-4

R.T.: 9.214 min
Delta R.T.: -0.001 min
Response: 14340449
Conc: 50.80 ng/ml



#44 AR-1268-4

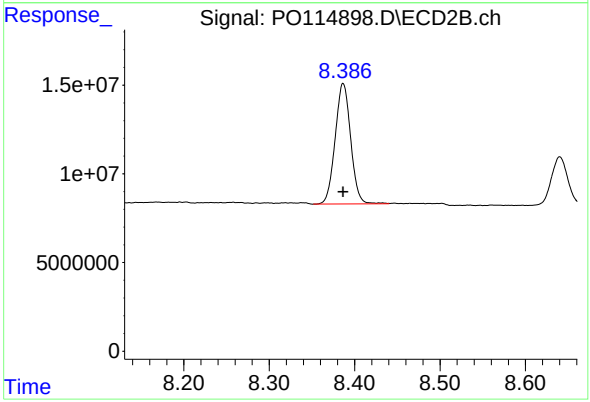
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 13380470
Conc: 47.77 ng/ml



#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

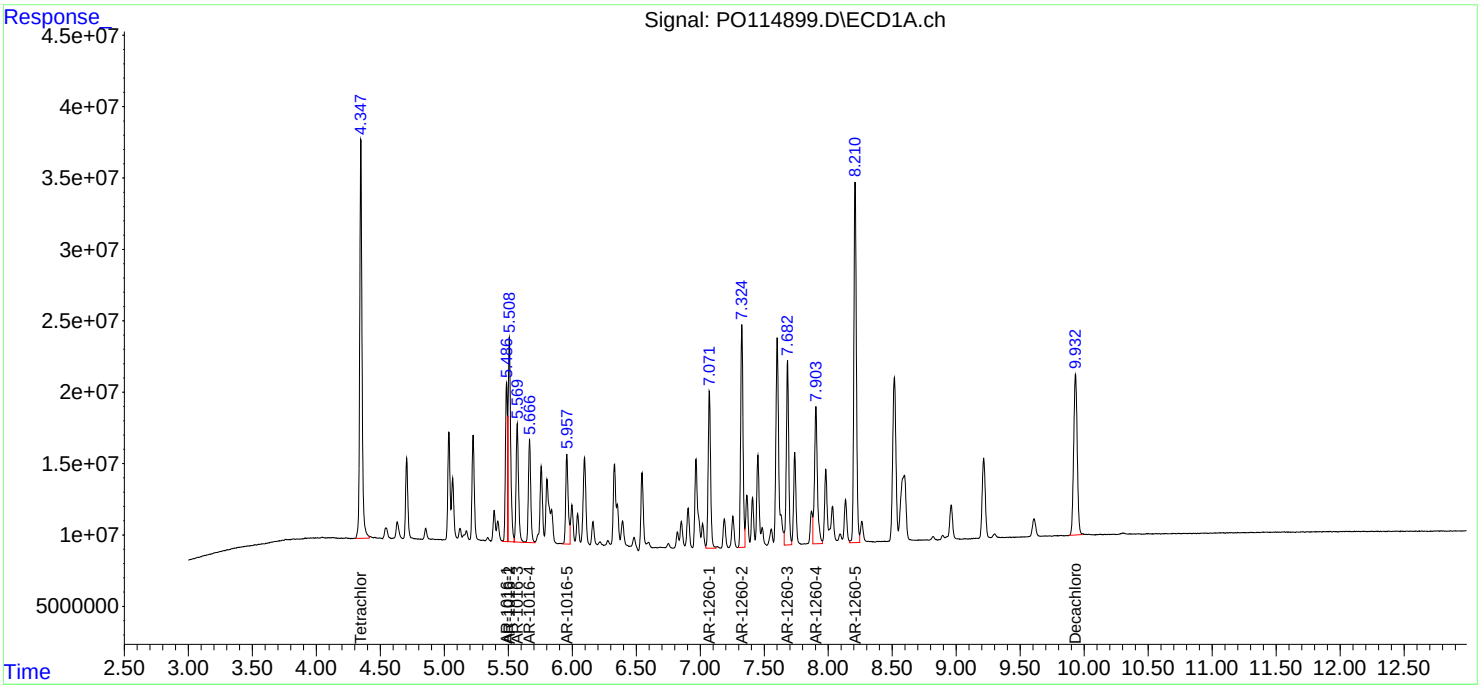
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

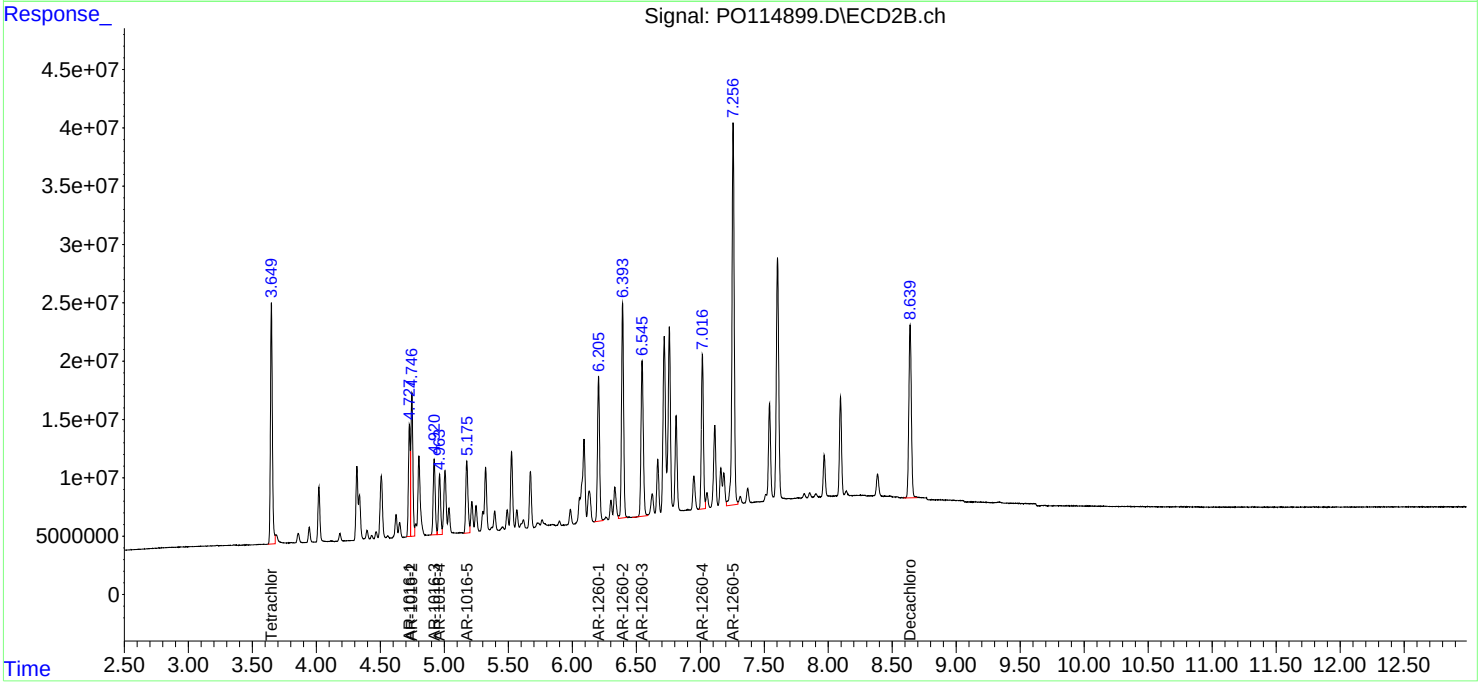
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 19:08
Operator : YP/AJ
Sample : PO110425ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

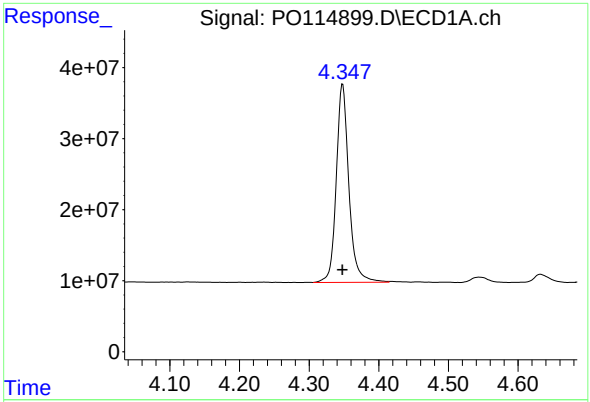
Instrument :
ECD_O
ClientSampleId :
ICVPO110425

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



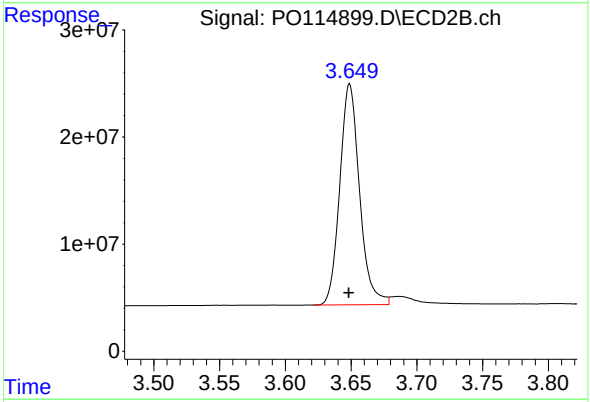




#1 Tetrachloro-m-xylene

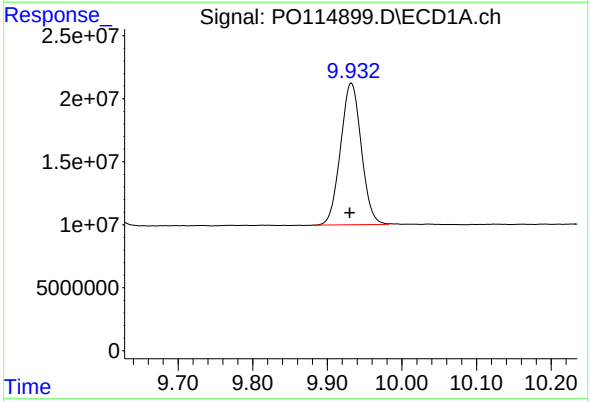
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 350620388
Conc: 49.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



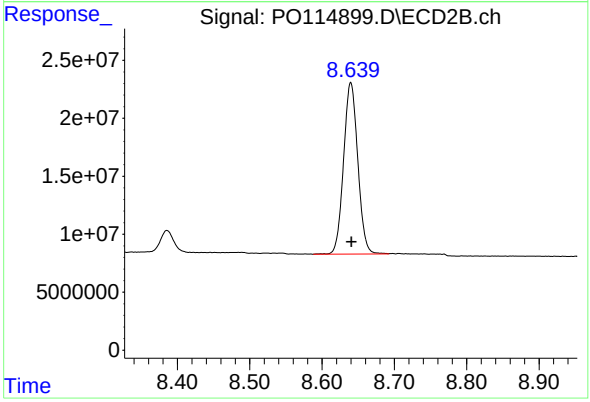
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 216005415
Conc: 48.36 ng/ml



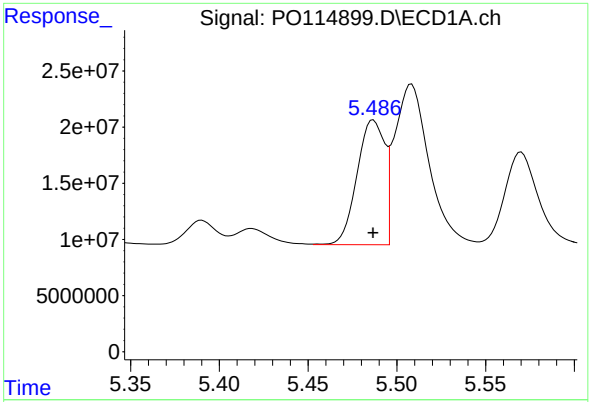
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.002 min
Response: 217232315
Conc: 49.14 ng/ml



#2 Decachlorobiphenyl

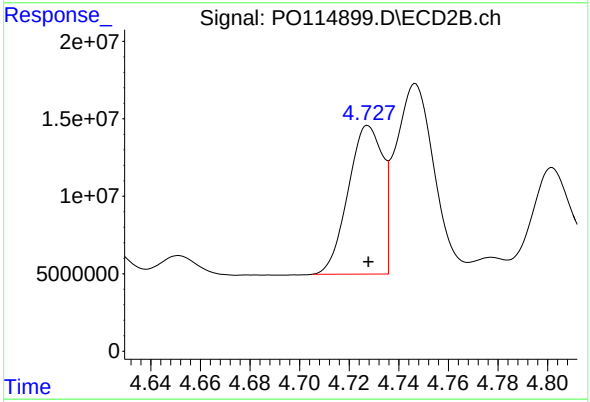
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 201993040
Conc: 51.74 ng/ml



#3 AR-1016-1

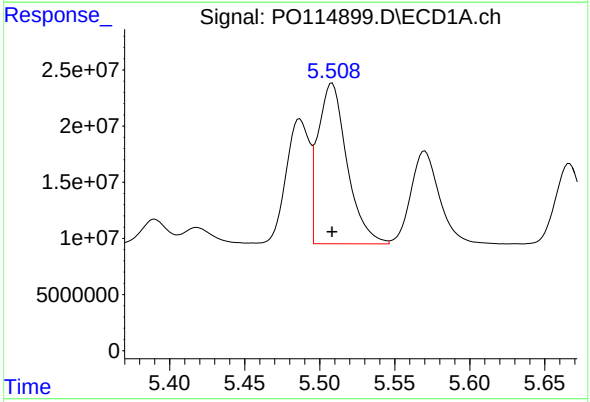
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 119880765
Conc: 487.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



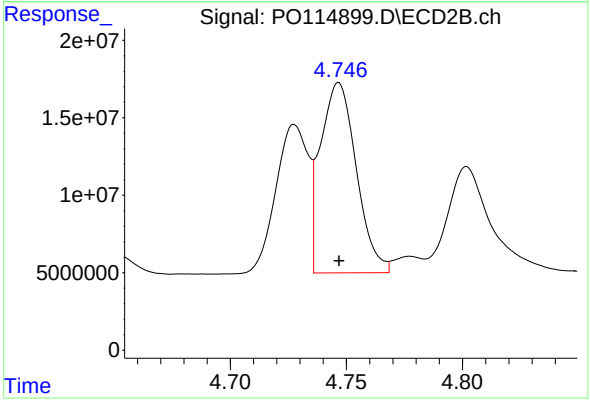
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 92647170
Conc: 486.96 ng/ml



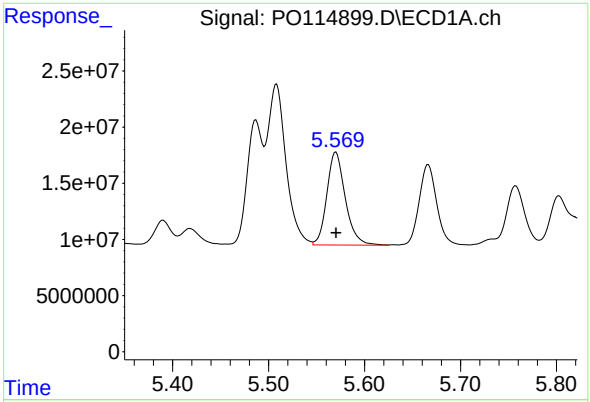
#4 AR-1016-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 192951994
Conc: 485.94 ng/ml



#4 AR-1016-2

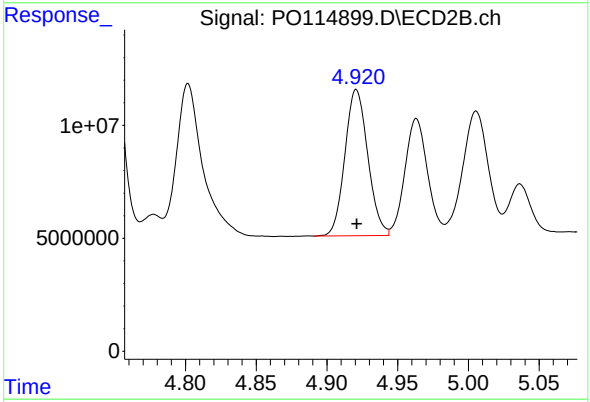
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 132351729
Conc: 488.63 ng/ml



#5 AR-1016-3

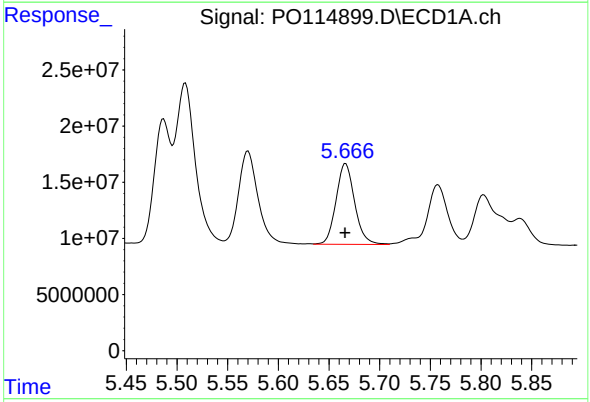
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 110662386
Conc: 496.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



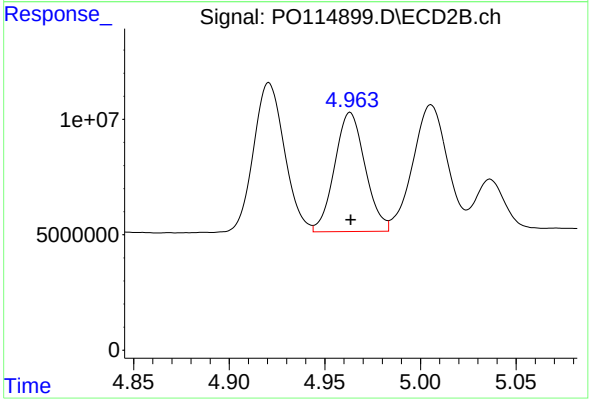
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 72980433
Conc: 493.20 ng/ml



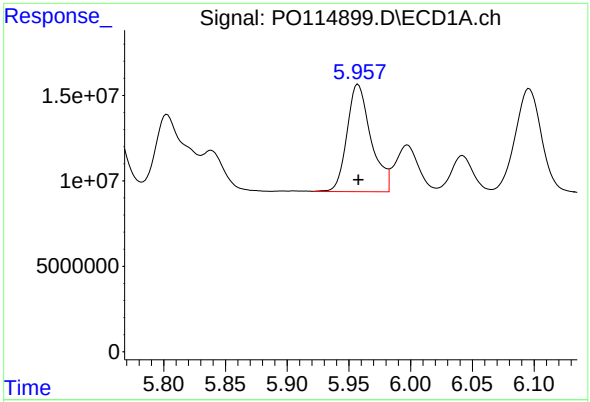
#6 AR-1016-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 92089690
Conc: 487.57 ng/ml



#6 AR-1016-4

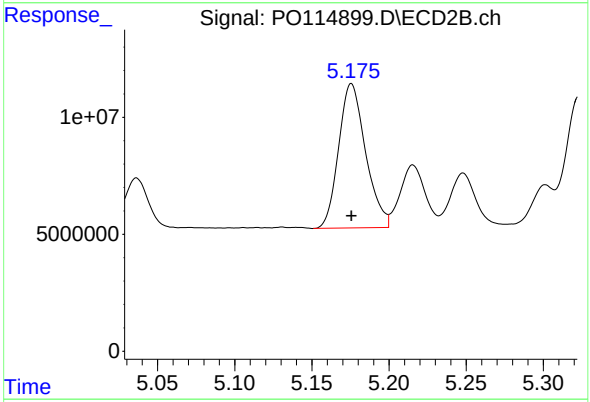
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 57444659
Conc: 489.23 ng/ml



#7 AR-1016-5

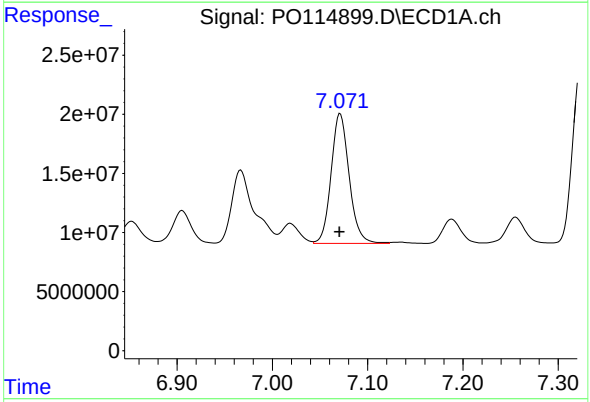
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 84866211
Conc: 476.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



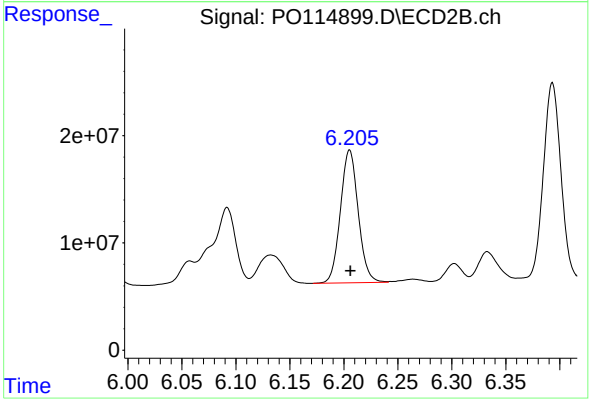
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 74982175
Conc: 491.00 ng/ml



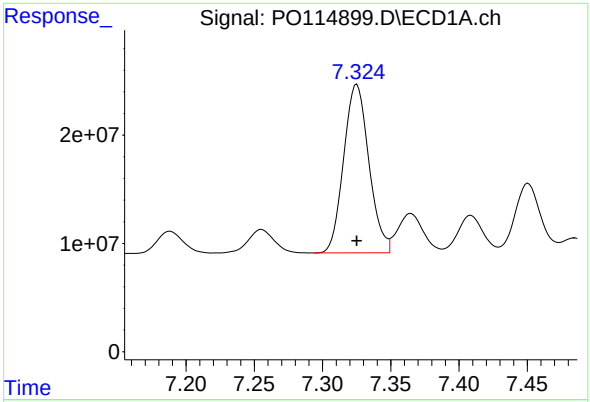
#31 AR-1260-1

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 144666874
Conc: 473.33 ng/ml



#31 AR-1260-1

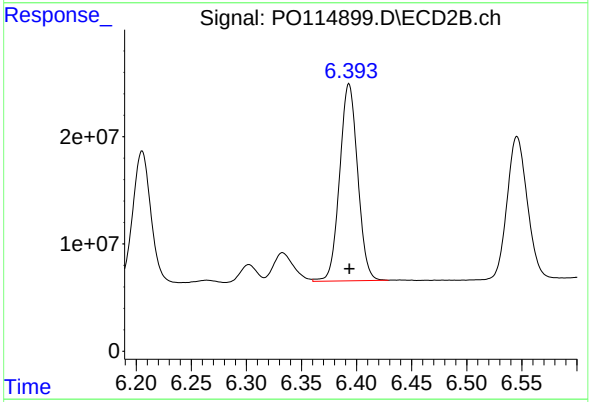
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 141888906
Conc: 479.18 ng/ml



#32 AR-1260-2

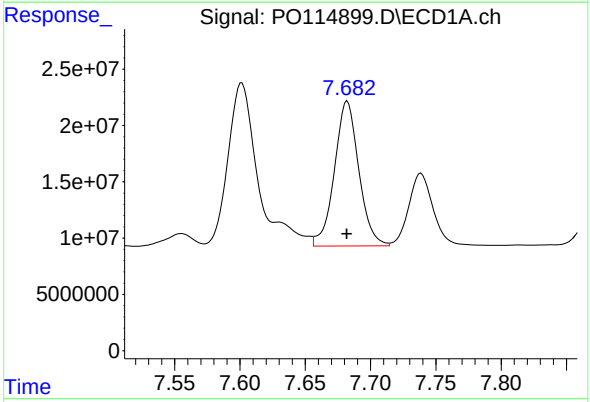
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 200178596
Conc: 505.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



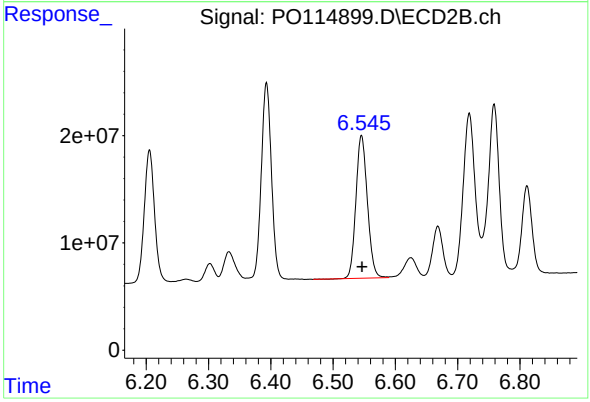
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 209039332
Conc: 486.10 ng/ml



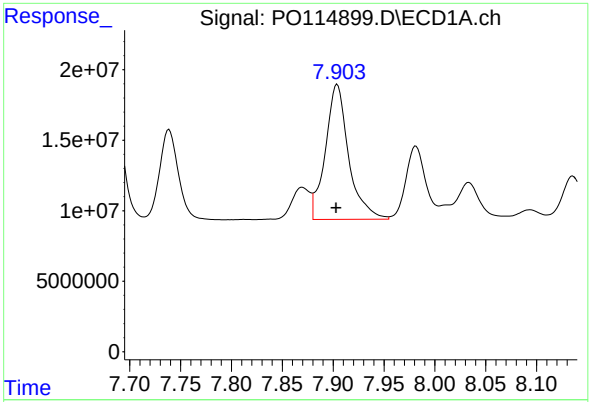
#33 AR-1260-3

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 167478991
Conc: 504.73 ng/ml



#33 AR-1260-3

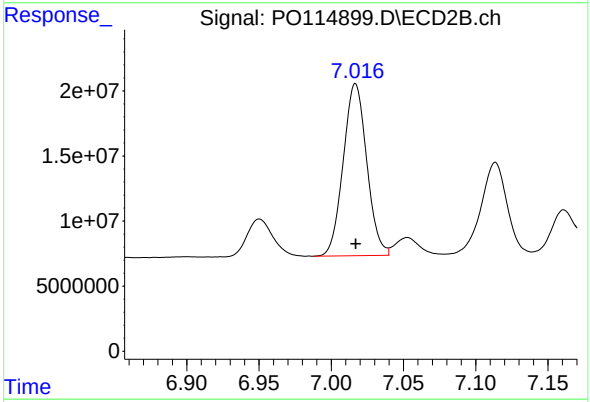
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 170305191
Conc: 484.99 ng/ml



#34 AR-1260-4

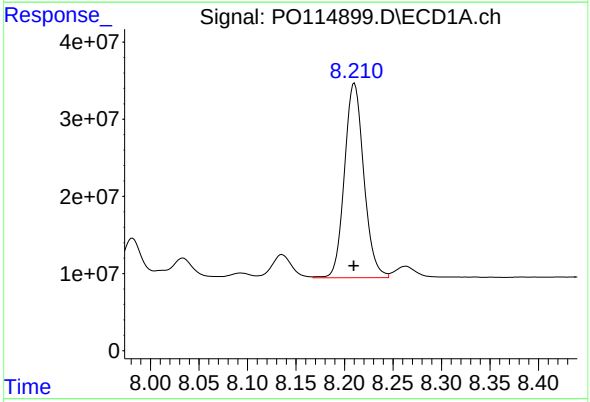
R.T.: 7.904 min
Delta R.T.: 0.001 min
Response: 152702007
Conc: 500.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



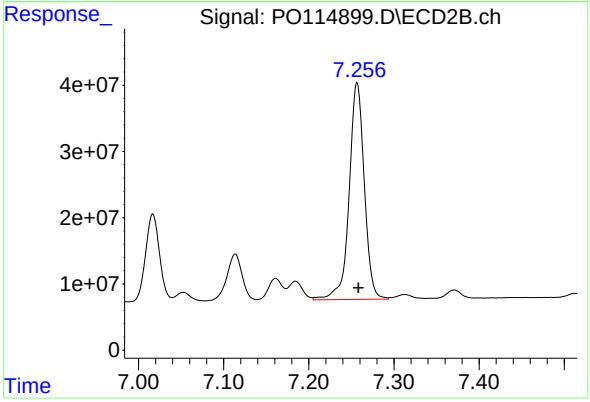
#34 AR-1260-4

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

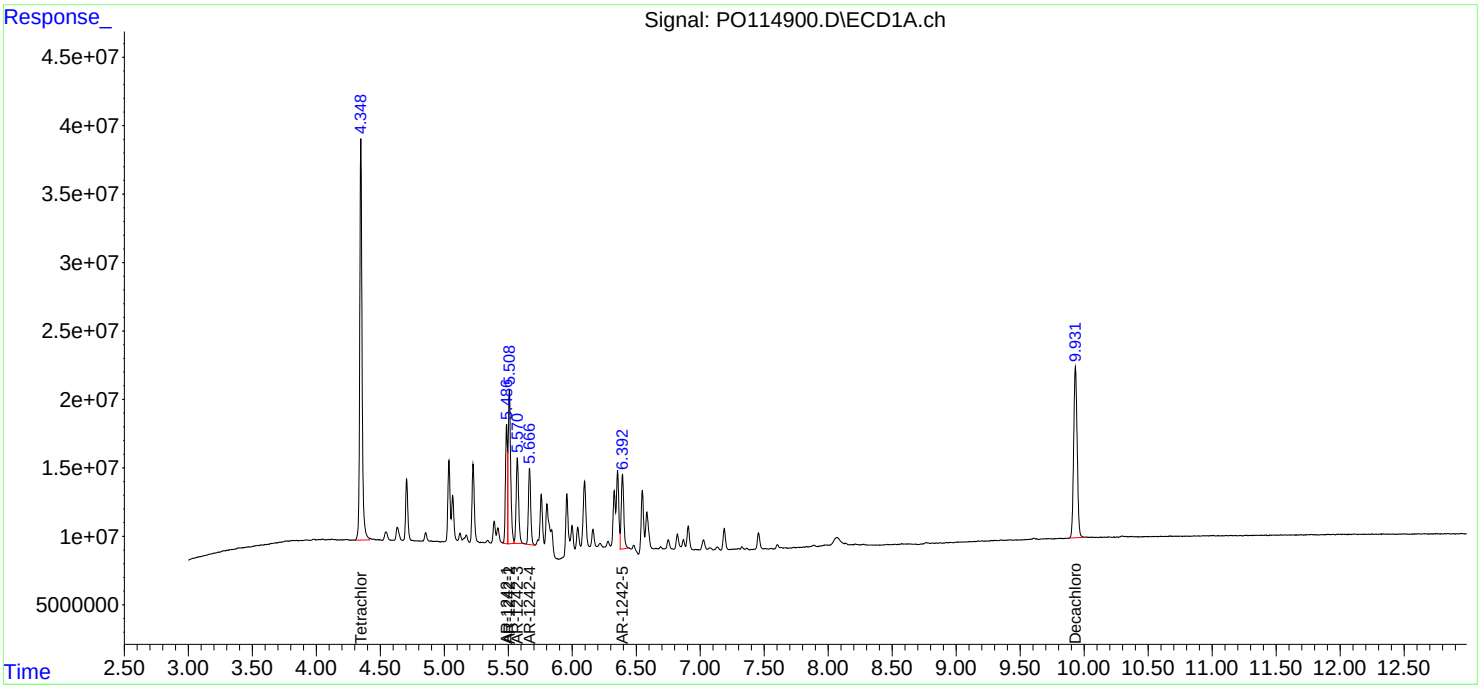
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

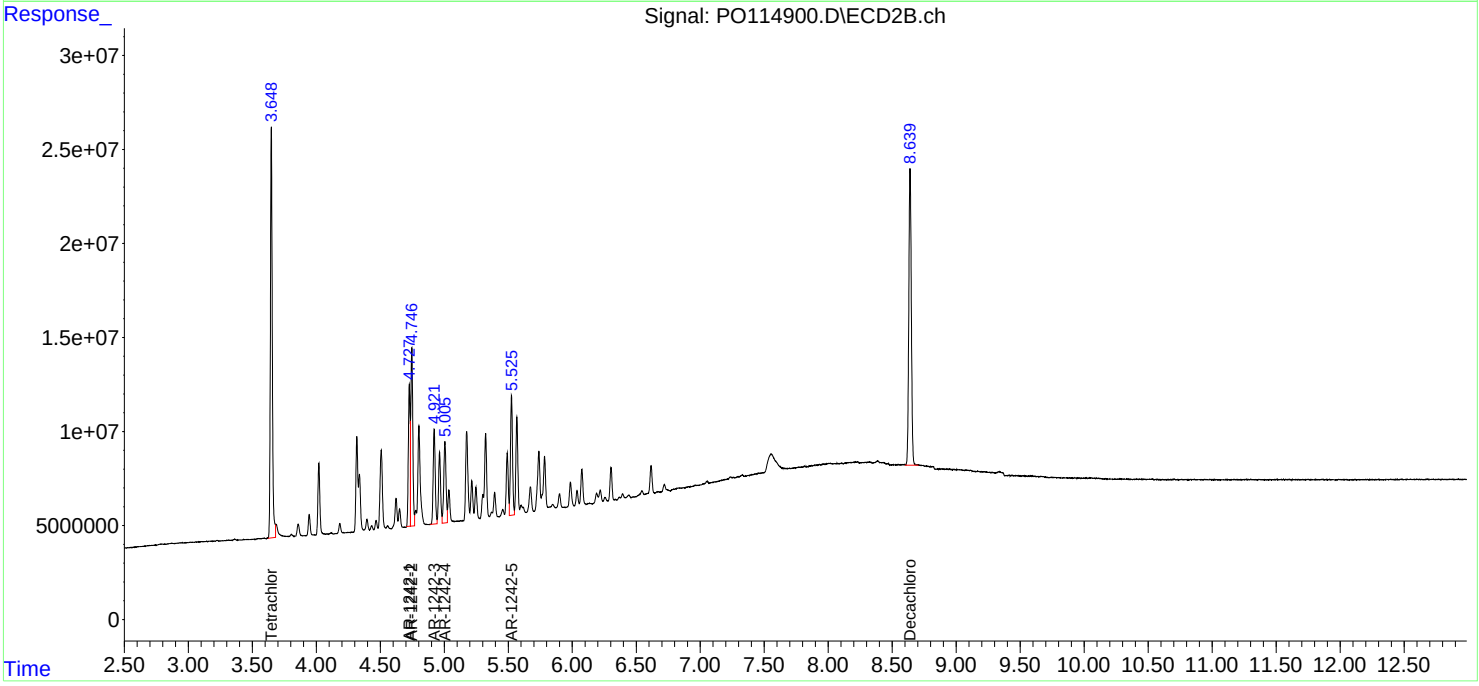
Manual Integrations APPROVED

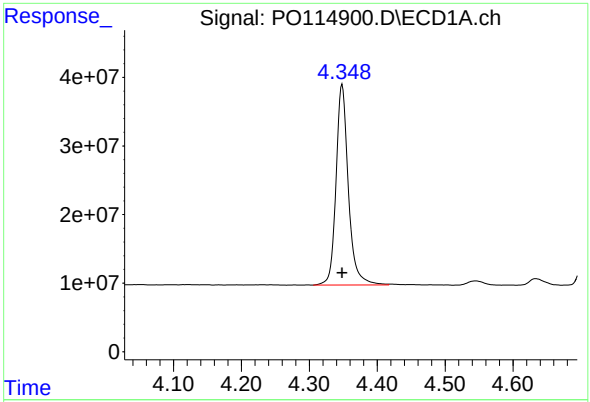
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

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







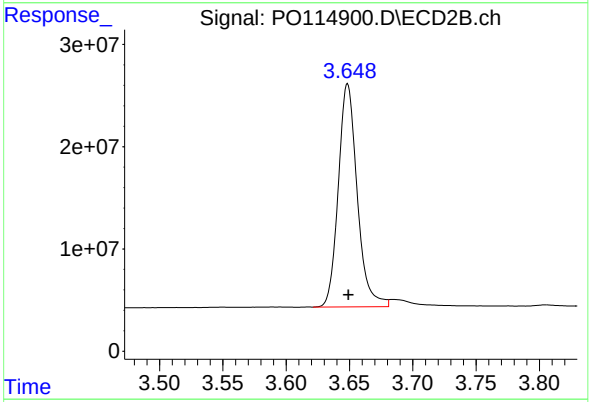
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 369940688
Conc: 50.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

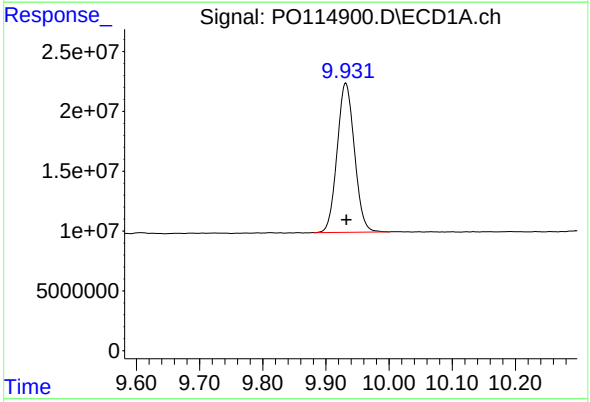
Manual Integrations APPROVED

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



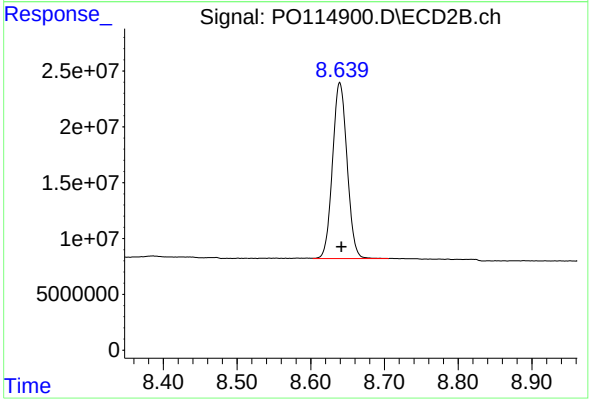
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 227000941
Conc: 48.49 ng/ml



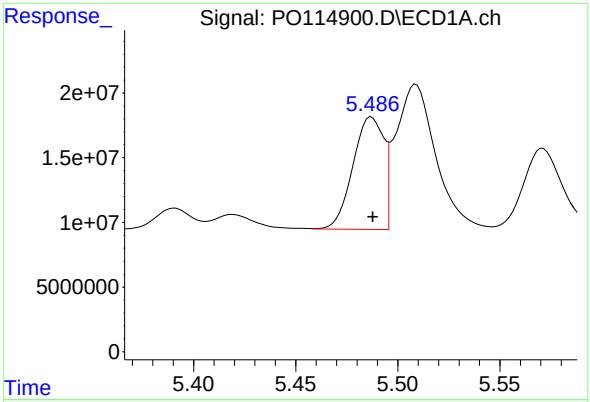
#2 Decachlorobiphenyl

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



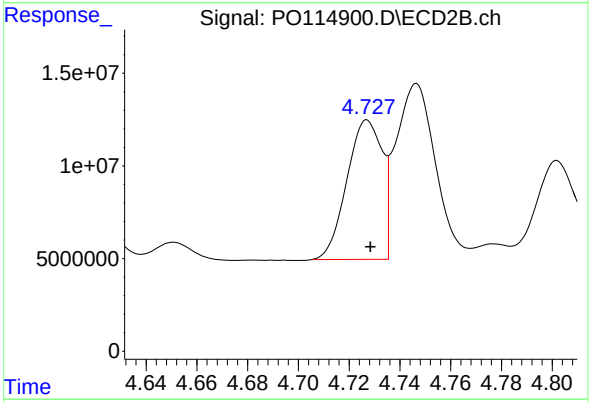
#16 AR-1242-1

R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 91685645
Conc: 492.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

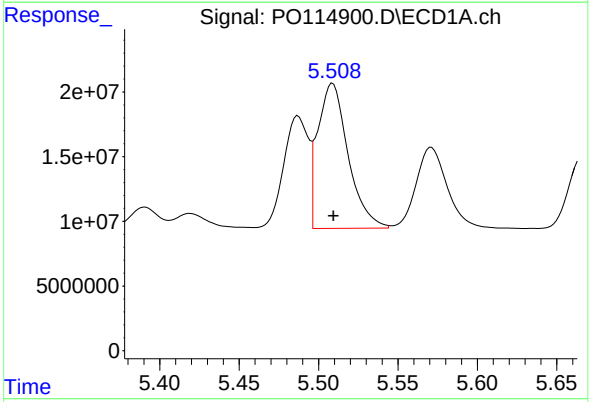
Manual Integrations APPROVED

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



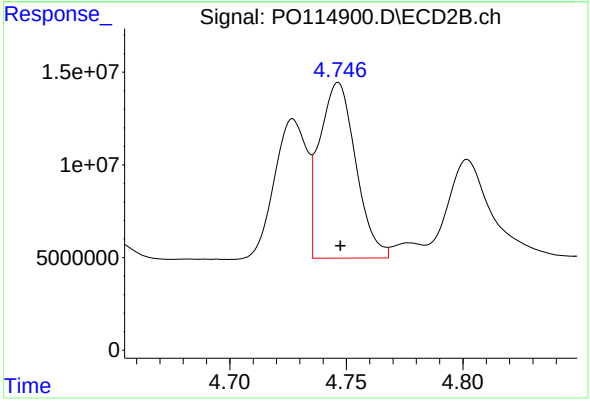
#16 AR-1242-1

R.T.: 4.727 min
Delta R.T.: -0.001 min
Response: 72678150
Conc: 497.04 ng/ml



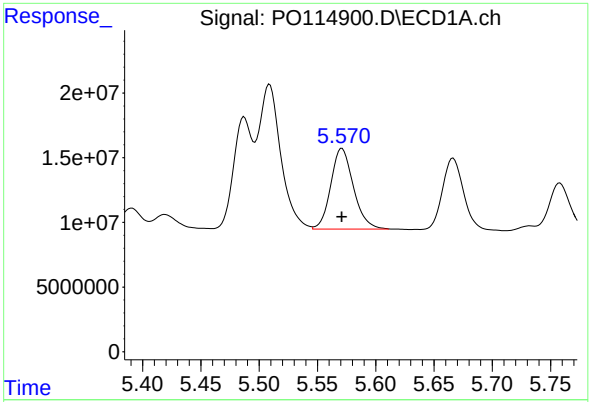
#17 AR-1242-2

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



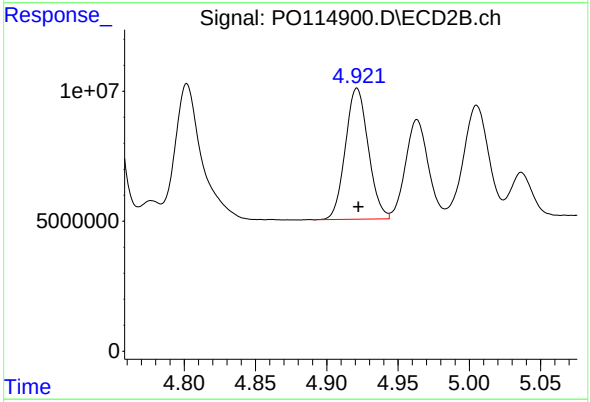
#18 AR-1242-3

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 84401159
Conc: 492.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

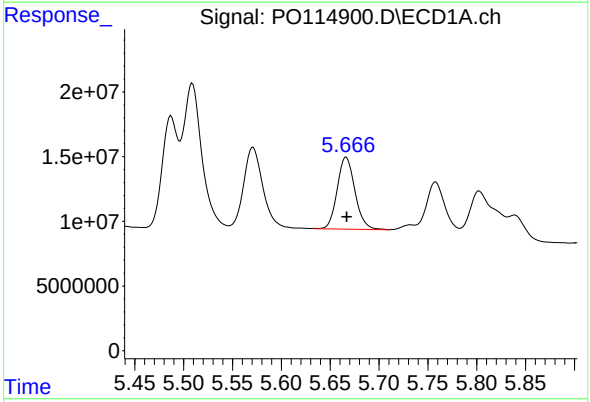
Manual Integrations APPROVED

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



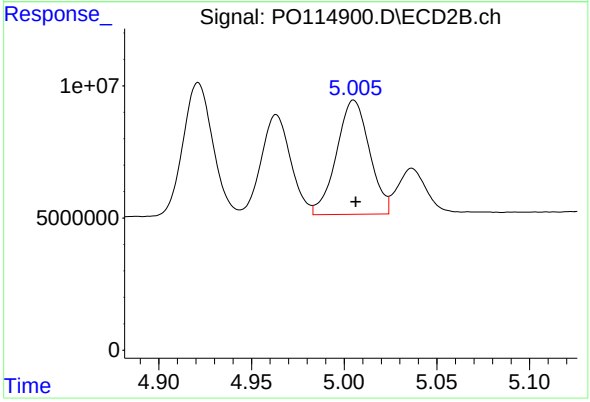
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 56402697
Conc: 503.70 ng/ml



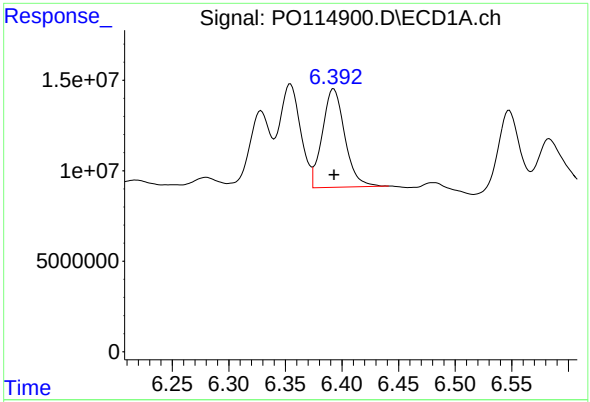
#19 AR-1242-4

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



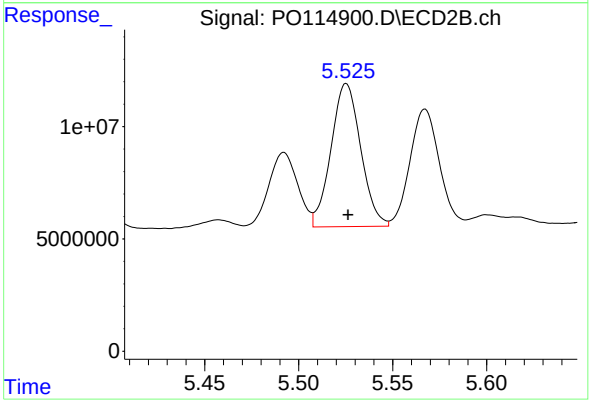
#20 AR-1242-5

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

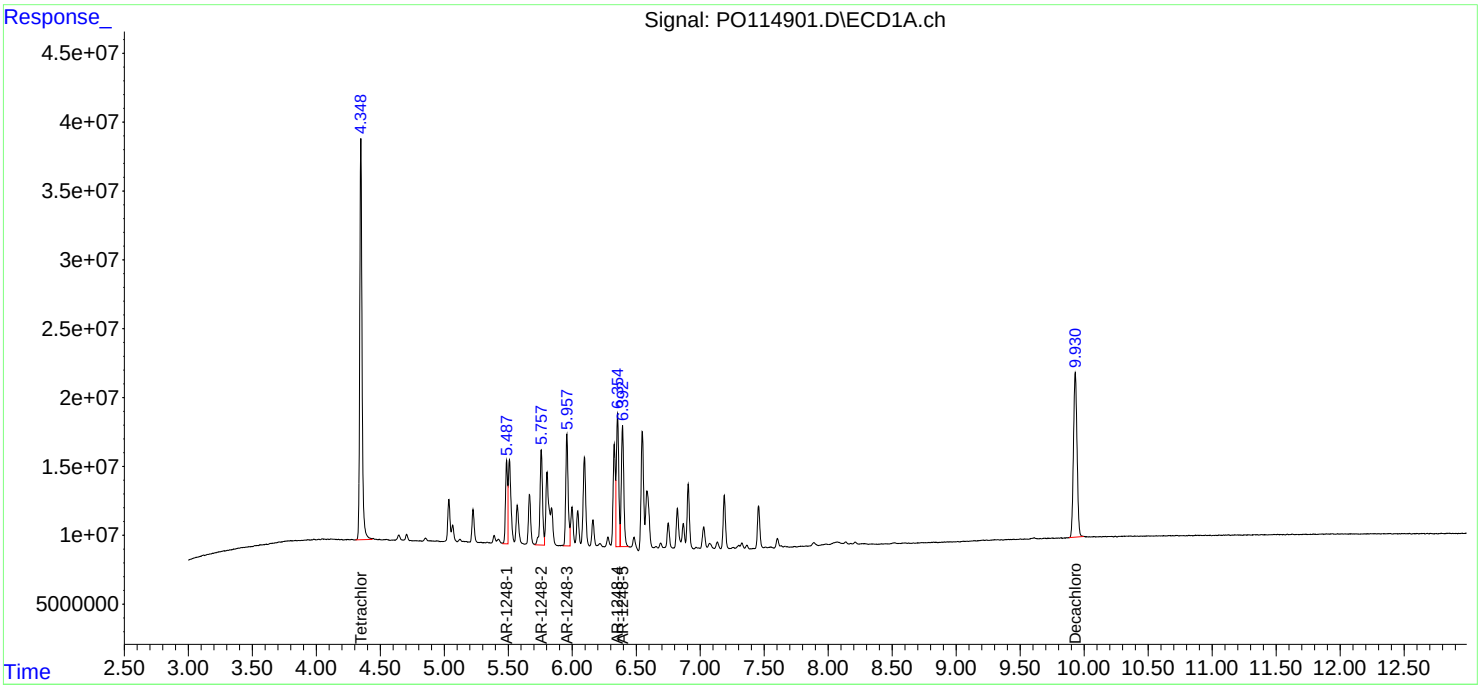
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

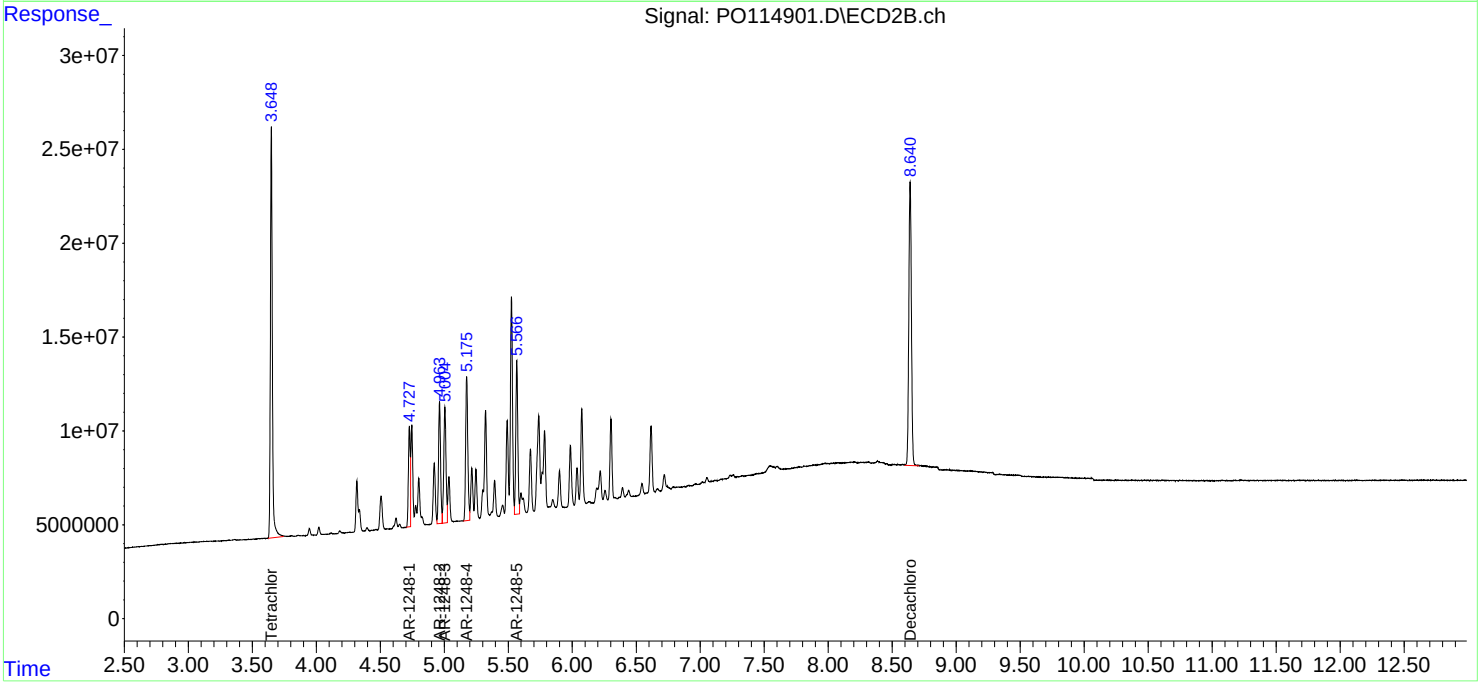
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 20:58
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

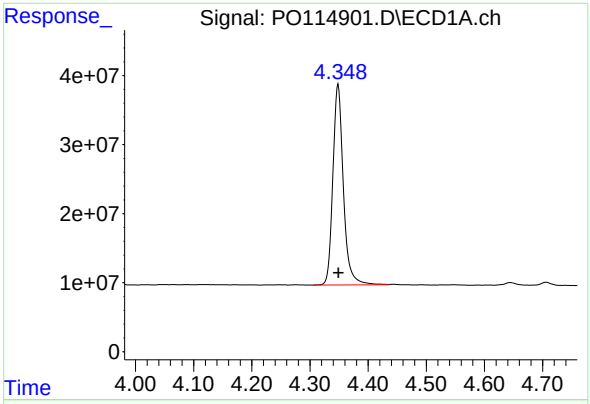
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248

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



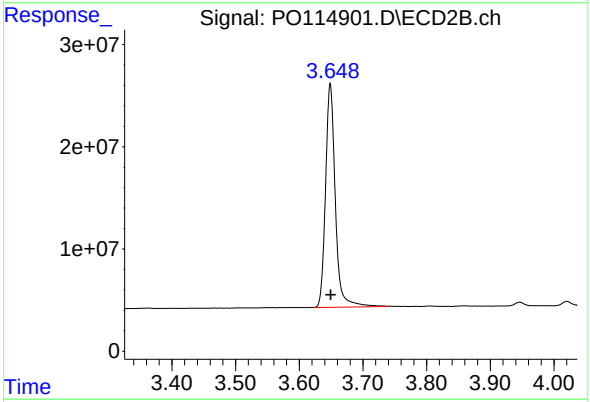




#1 Tetrachloro-m-xylene

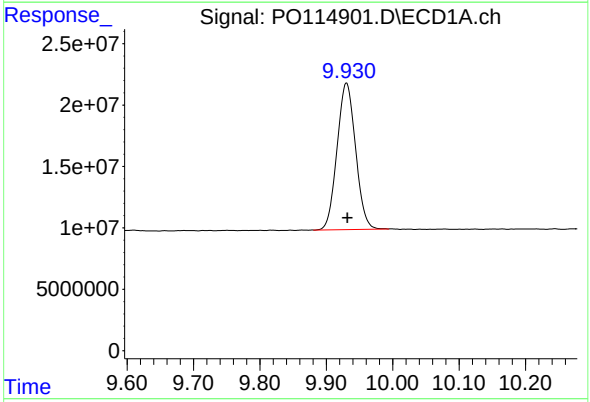
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 364435465
Conc: 49.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



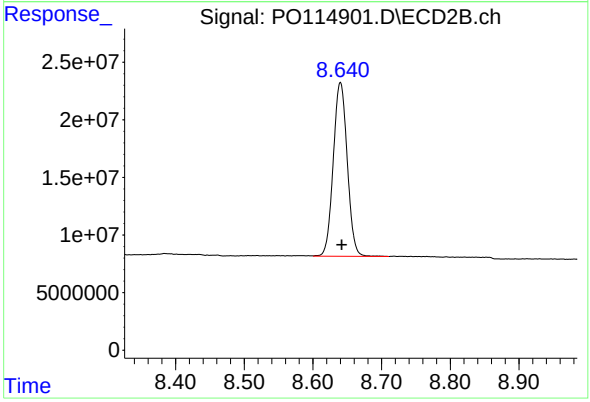
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 233535834
Conc: 48.62 ng/ml



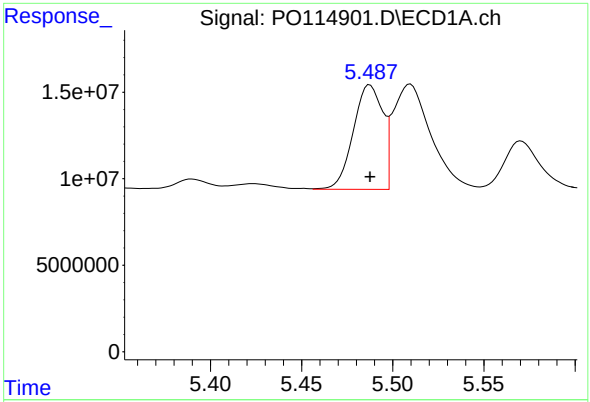
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 231042447
Conc: 50.55 ng/ml



#2 Decachlorobiphenyl

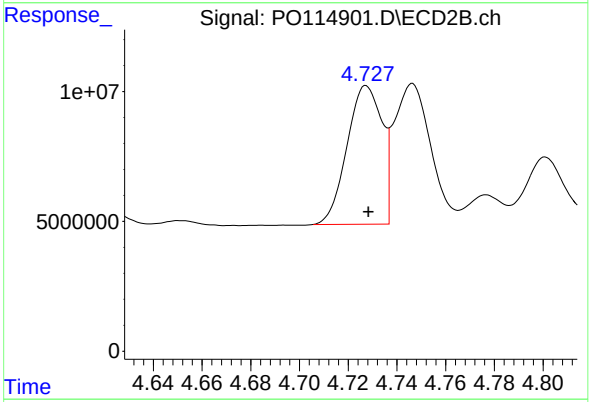
R.T.: 8.640 min
Delta R.T.: -0.002 min
Response: 213360449
Conc: 50.61 ng/ml



#21 AR-1248-1

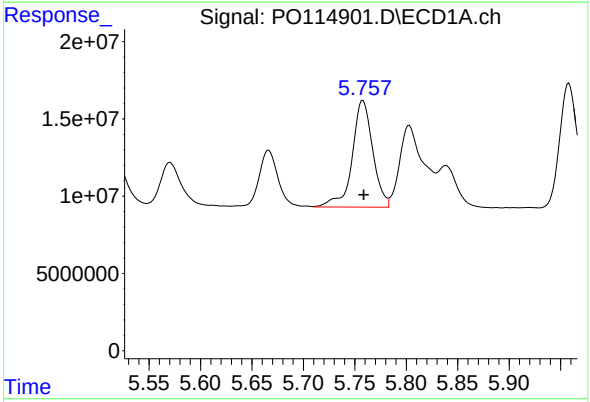
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 67941811
Conc: 485.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



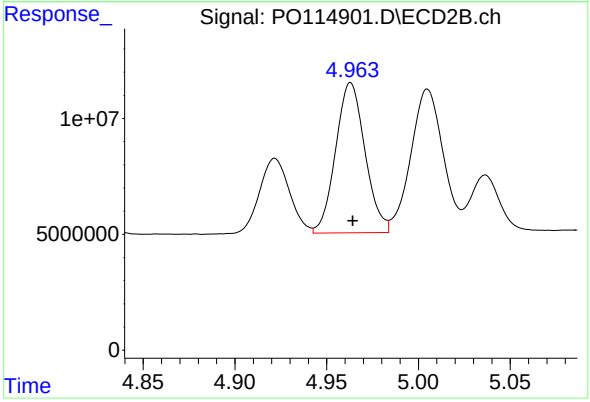
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 53066852
Conc: 485.47 ng/ml



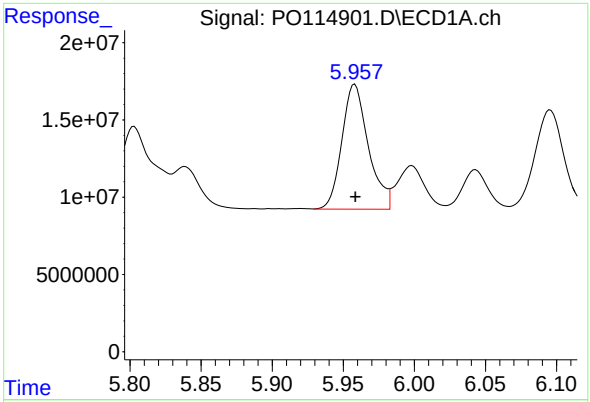
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 96189175
Conc: 494.60 ng/ml



#22 AR-1248-2

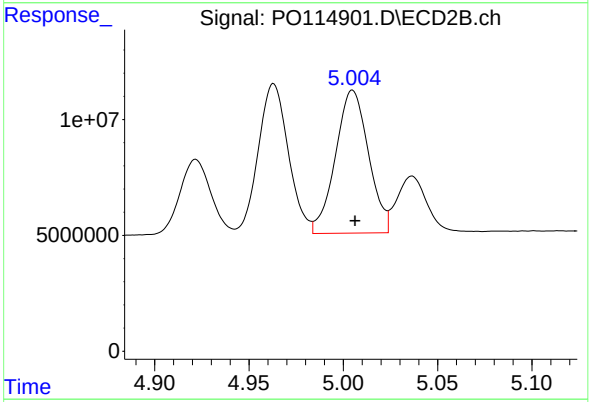
R.T.: 4.963 min
Delta R.T.: -0.001 min
Response: 72201389
Conc: 484.90 ng/ml



#23 AR-1248-3

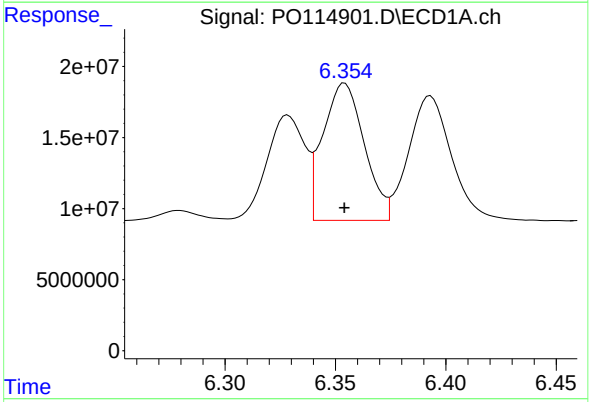
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 104836977
Conc: 497.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



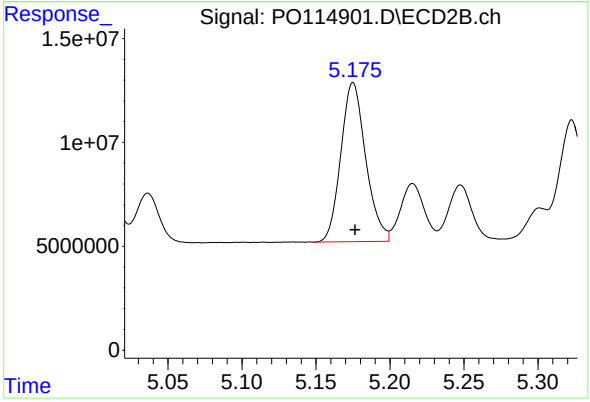
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: -0.001 min
Response: 75367544
Conc: 484.97 ng/ml



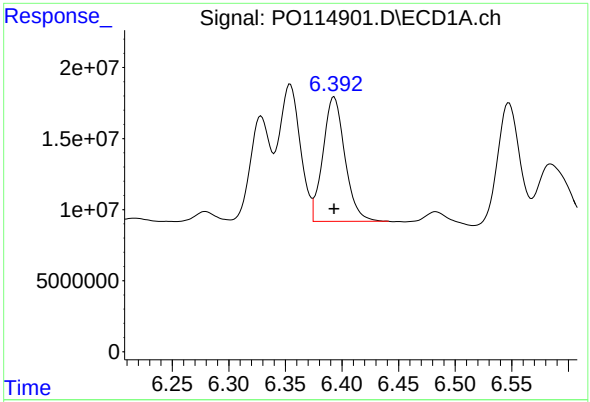
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 125740141
Conc: 497.80 ng/ml



#24 AR-1248-4

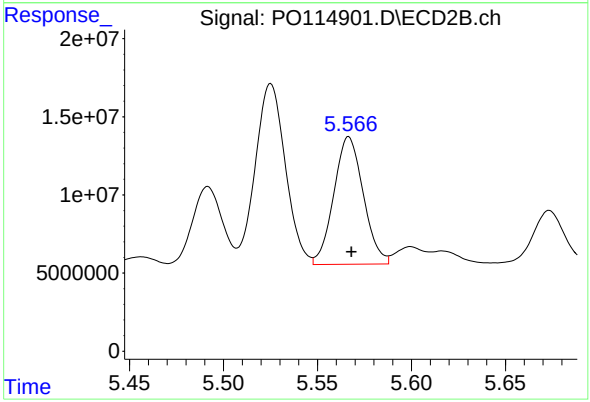
R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 89630325
Conc: 489.11 ng/ml



#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

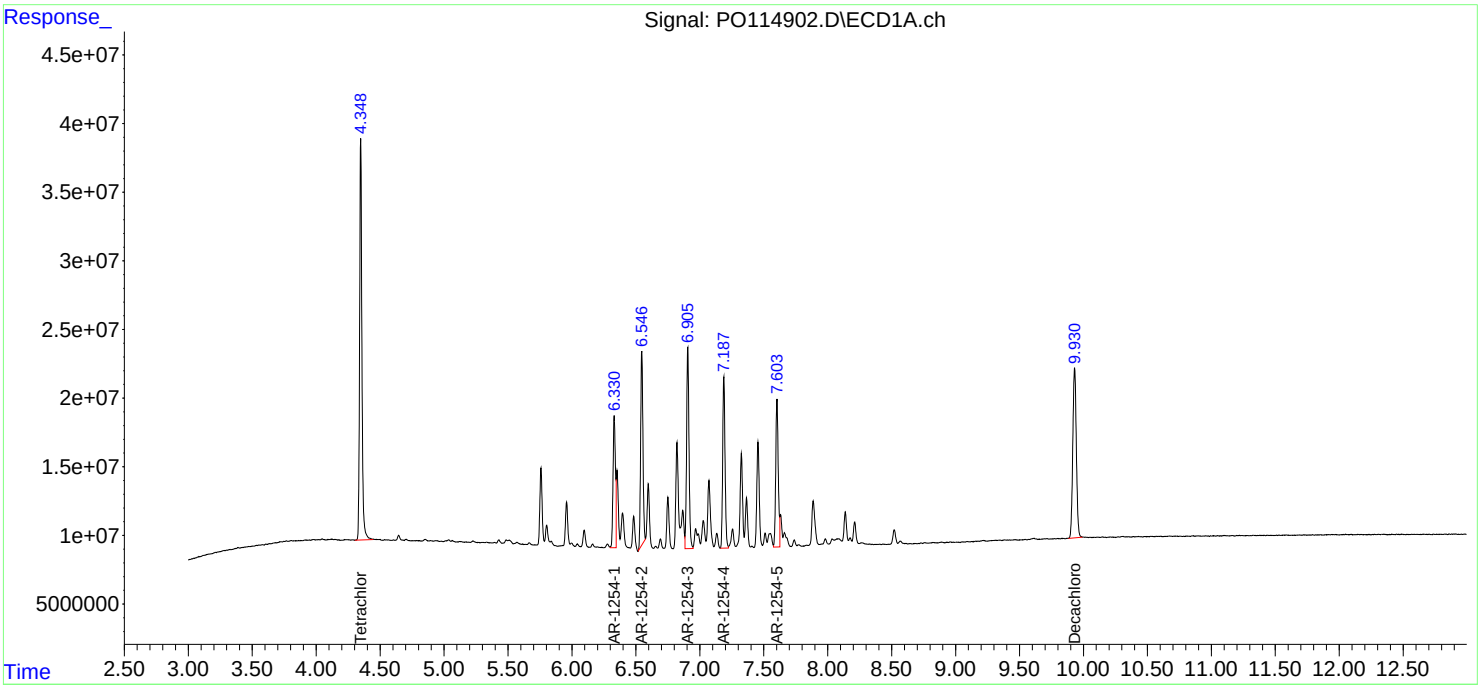
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

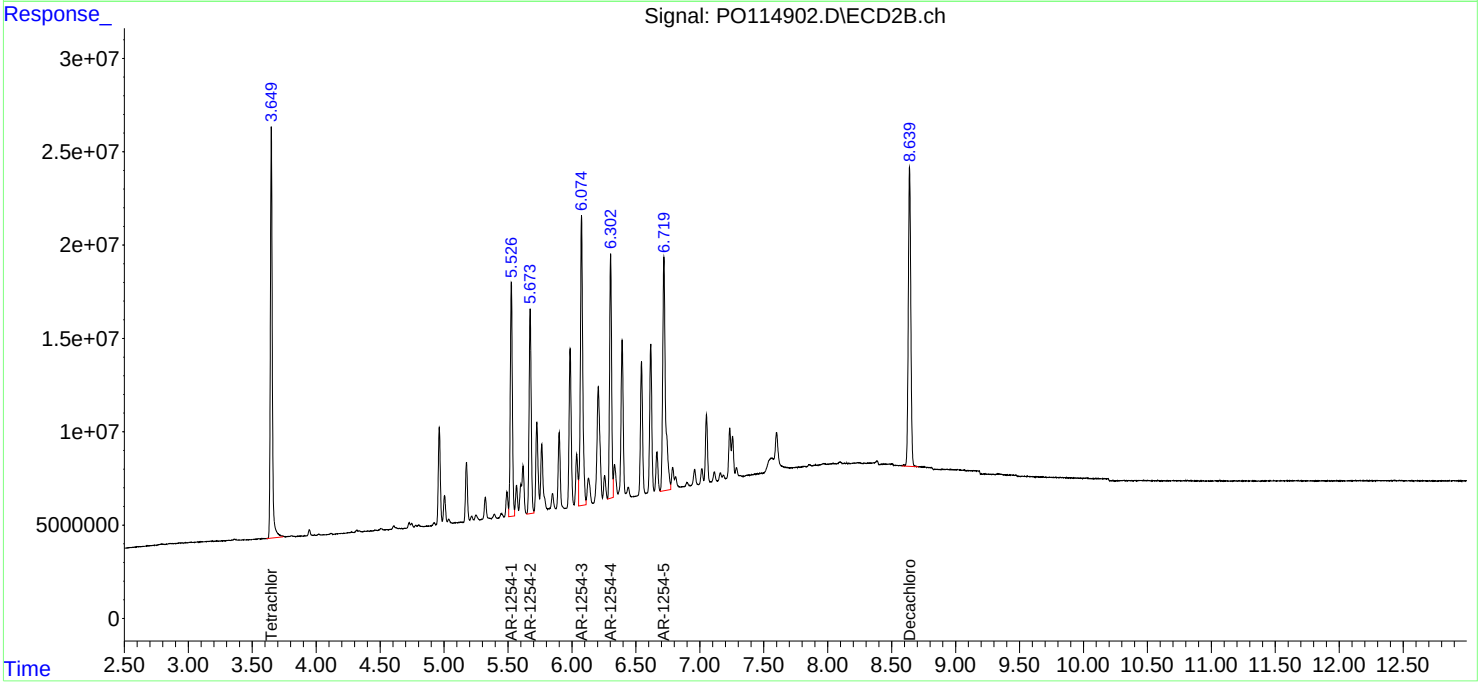
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 21:35
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

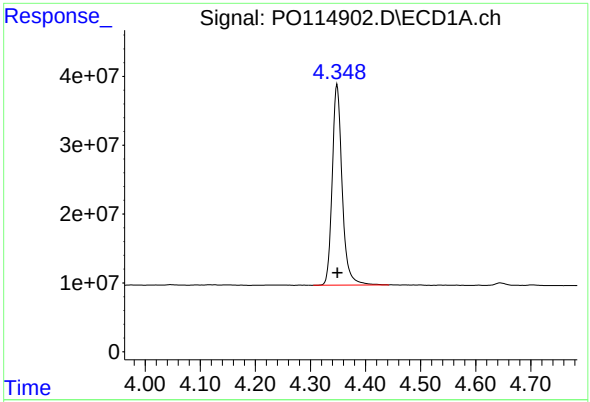
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254

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



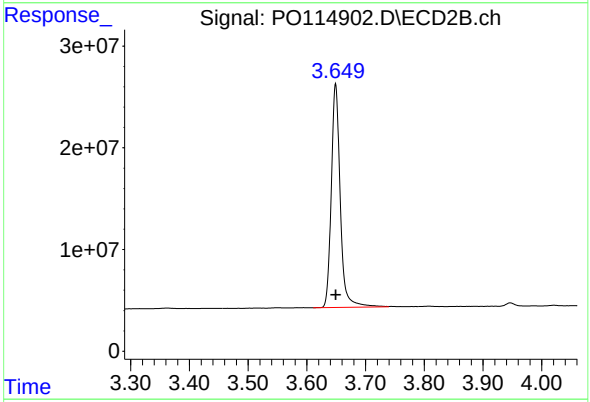




#1 Tetrachloro-m-xylene

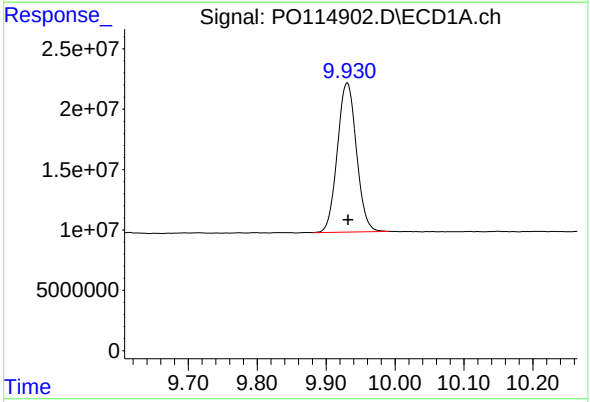
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 365740752
Conc: 48.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



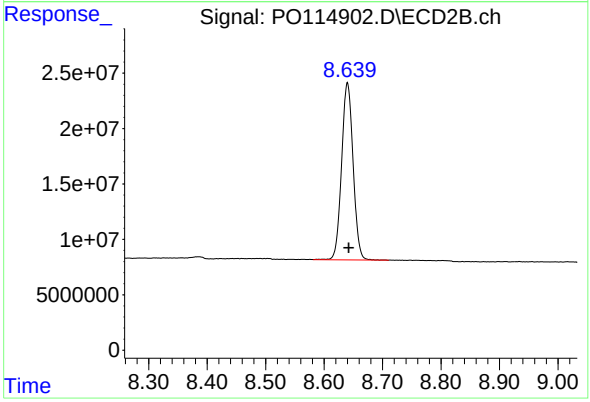
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 233257279
Conc: 47.72 ng/ml



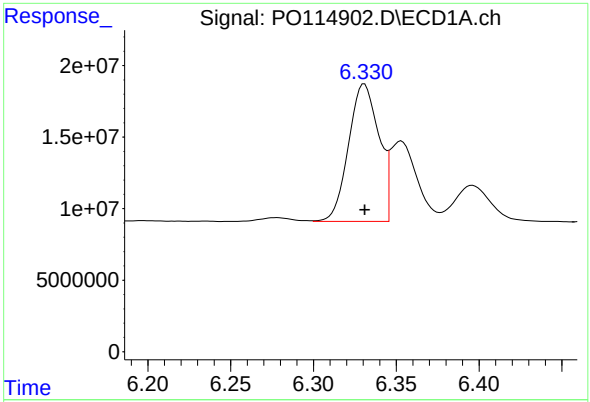
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 237660320
Conc: 49.01 ng/ml



#2 Decachlorobiphenyl

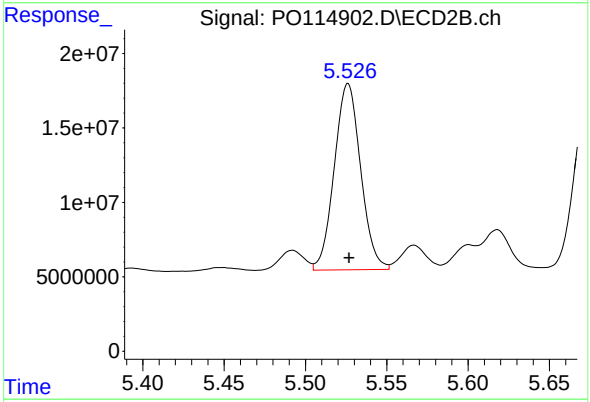
R.T.: 8.640 min
Delta R.T.: -0.002 min
Response: 218541206
Conc: 49.55 ng/ml



#26 AR-1254-1

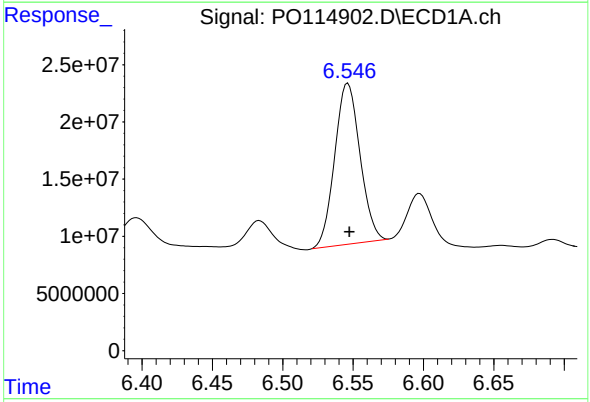
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 122713907
Conc: 484.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



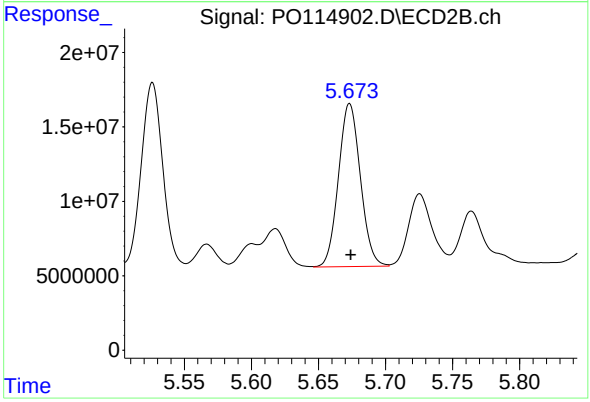
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 141196876
Conc: 470.37 ng/ml



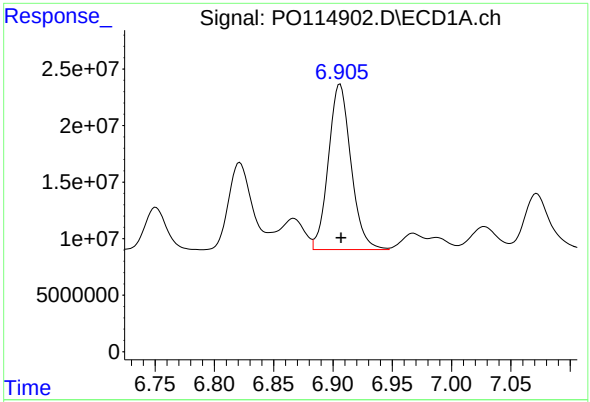
#27 AR-1254-2

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 176066475
Conc: 475.28 ng/ml



#27 AR-1254-2

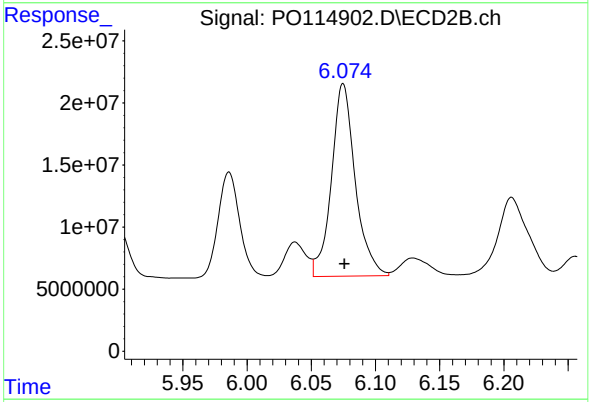
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 124592084
Conc: 462.12 ng/ml



#28 AR-1254-3

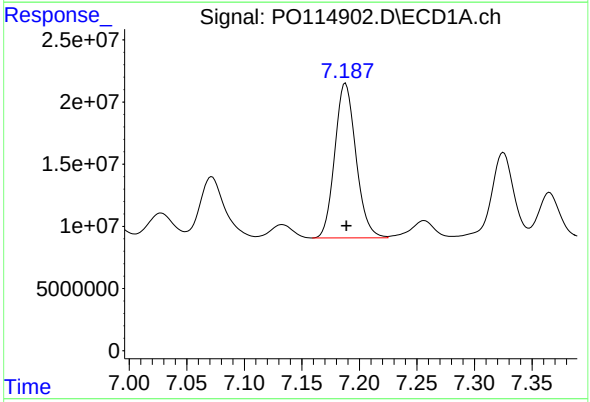
R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 193717557
Conc: 503.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



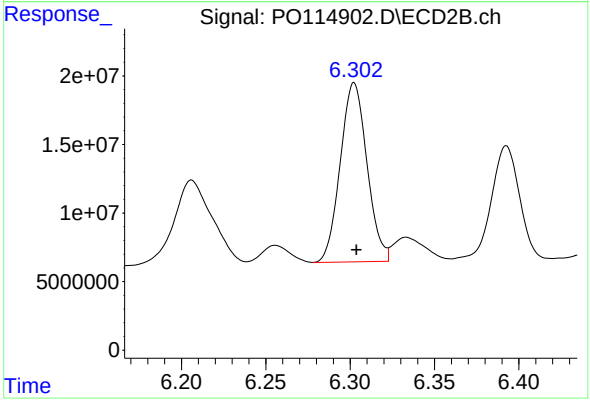
#28 AR-1254-3

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 200079895
Conc: 473.85 ng/ml



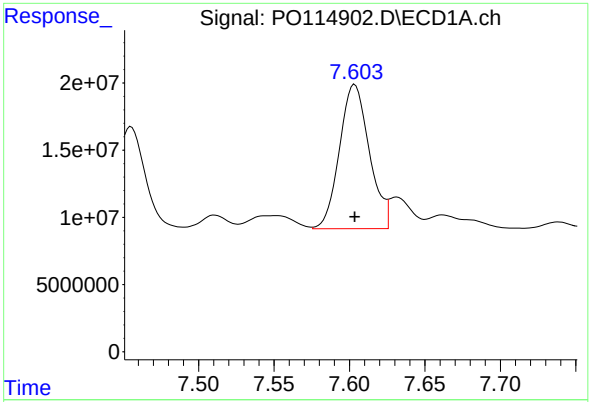
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 159896745
Conc: 486.43 ng/ml



#29 AR-1254-4

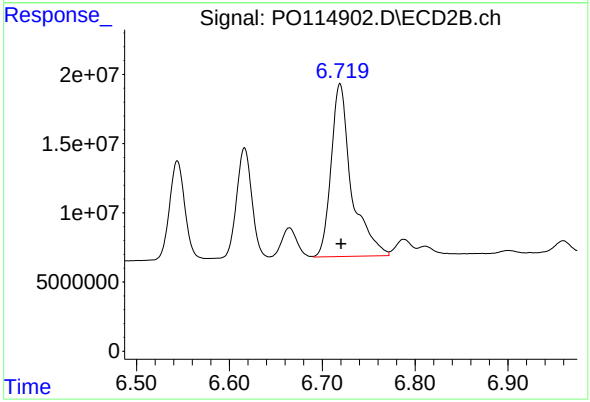
R.T.: 6.302 min
Delta R.T.: -0.001 min
Response: 143938671
Conc: 484.00 ng/ml



#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

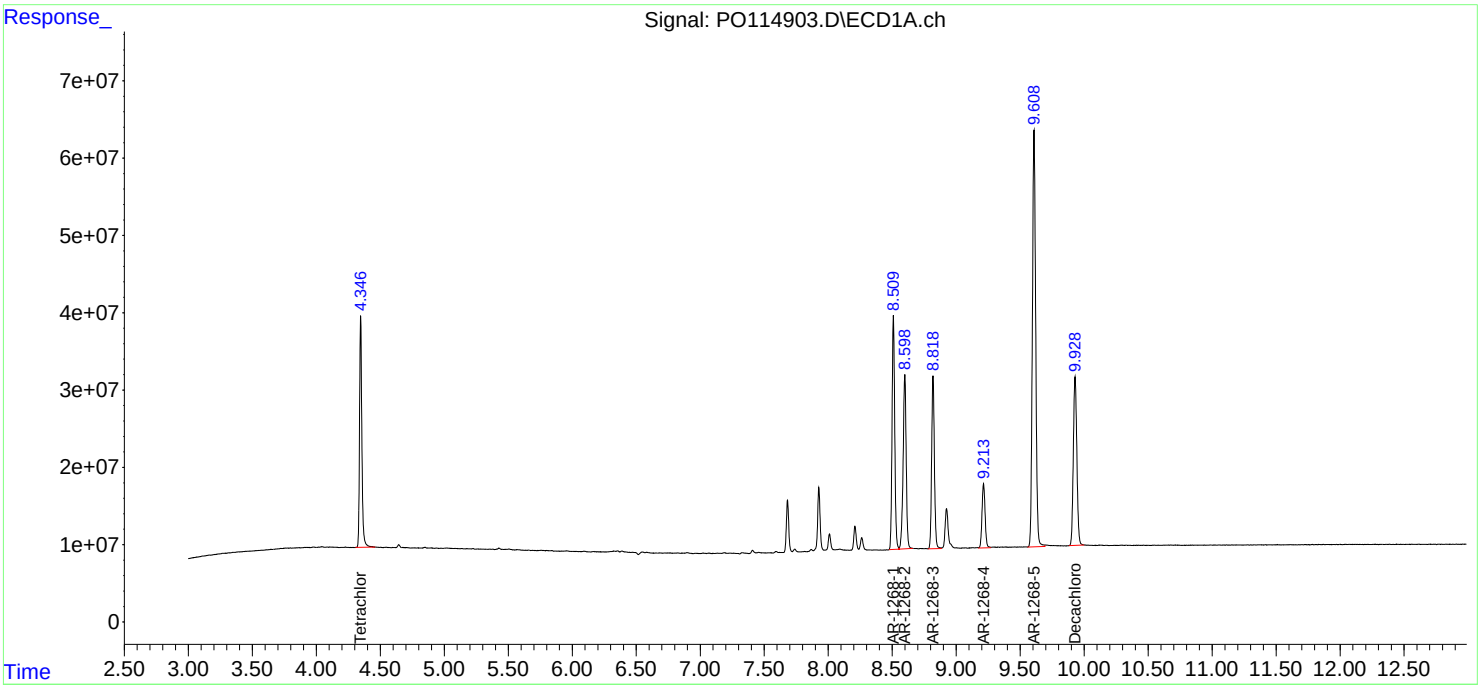
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

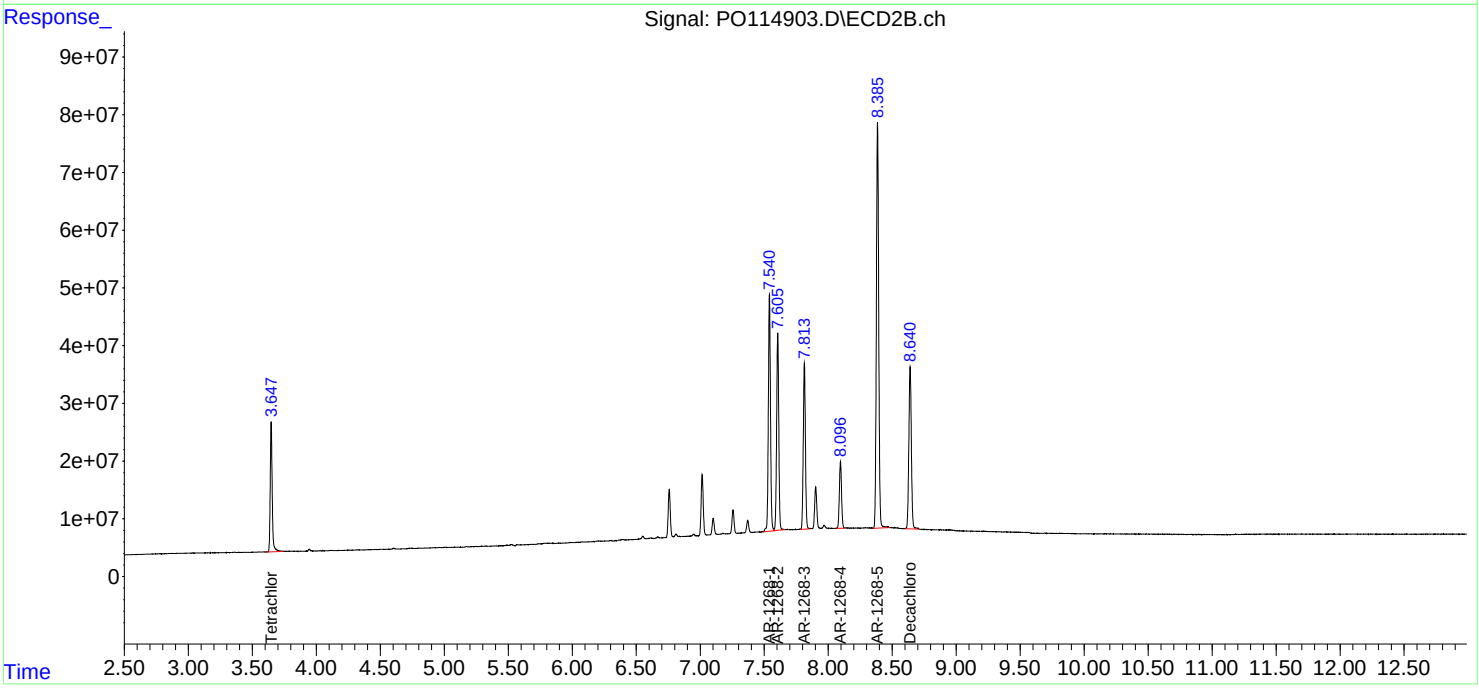
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 22:12
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

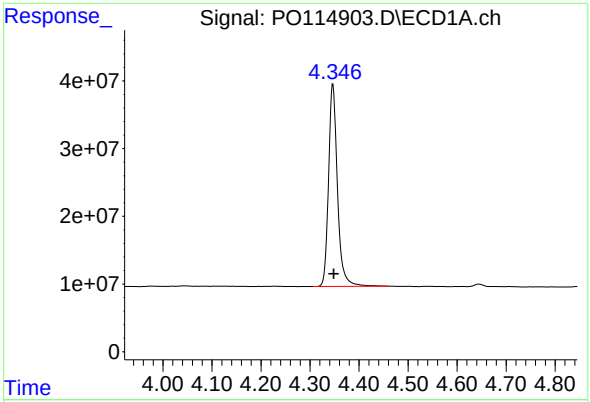
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268

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



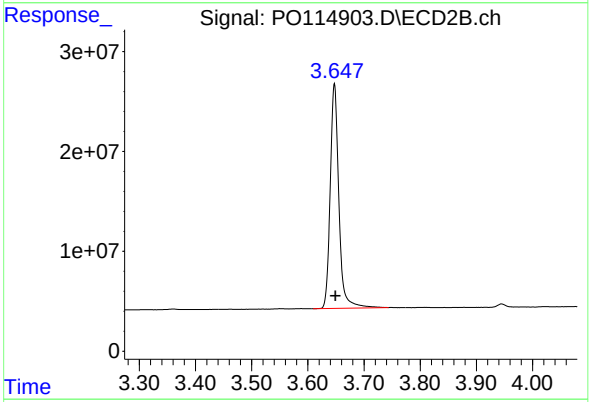




#1 Tetrachloro-m-xylene

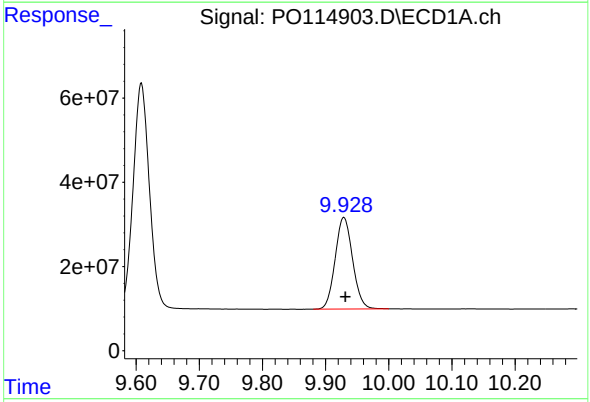
R.T.: 4.347 min
Delta R.T.: -0.001 min
Response: 376753838
Conc: 50.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



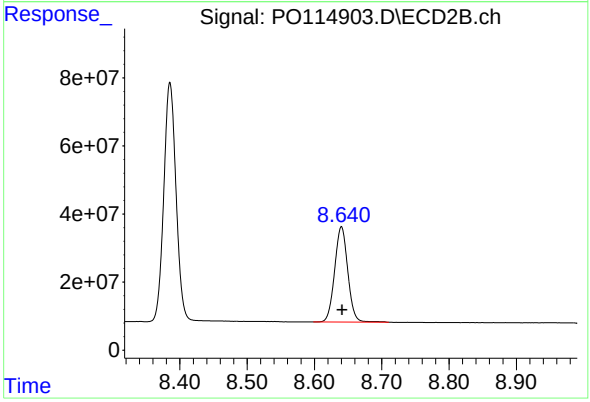
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 240662050
Conc: 49.69 ng/ml



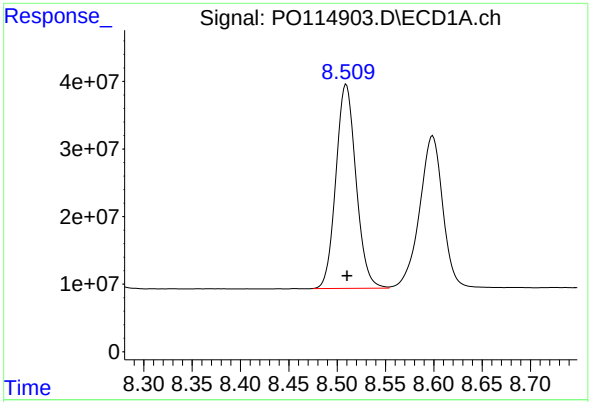
#2 Decachlorobiphenyl

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 416020793
Conc: 50.33 ng/ml



#2 Decachlorobiphenyl

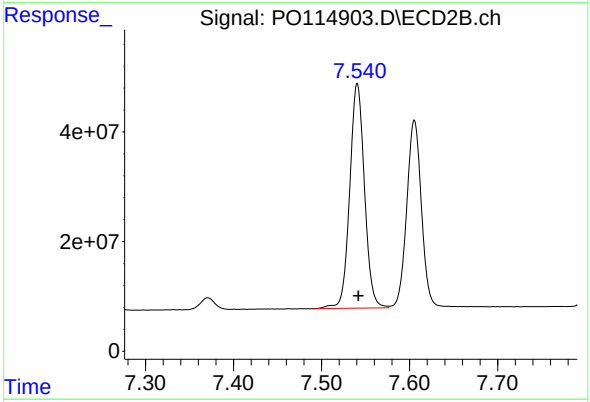
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 381040540
Conc: 49.26 ng/ml



#41 AR-1268-1

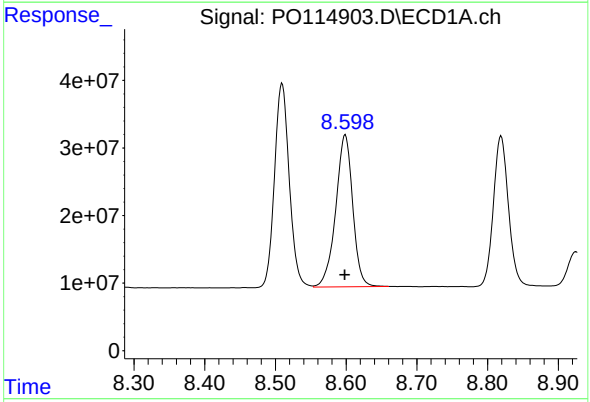
R.T.: 8.509 min
Delta R.T.: 0.000 min
Response: 437492291
Conc: 502.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



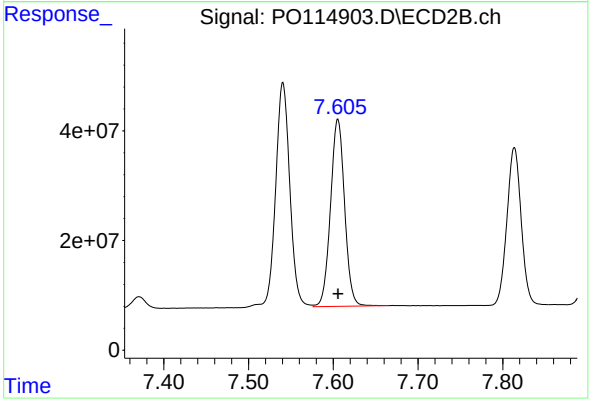
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 476916644
Conc: 488.58 ng/ml



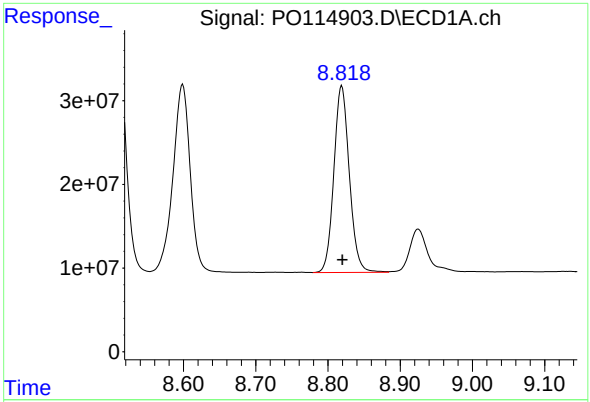
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 374746813
Conc: 501.95 ng/ml



#42 AR-1268-2

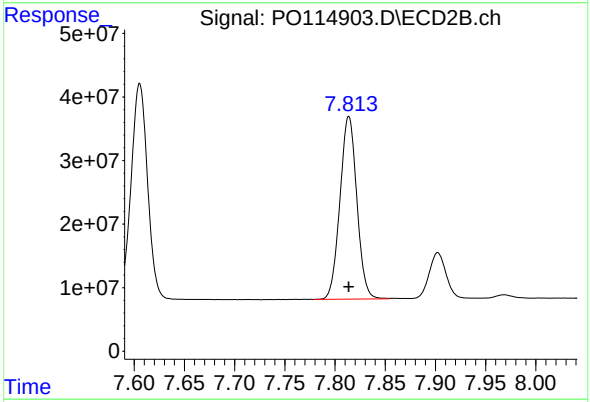
R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 393633612
Conc: 494.74 ng/ml



#43 AR-1268-3

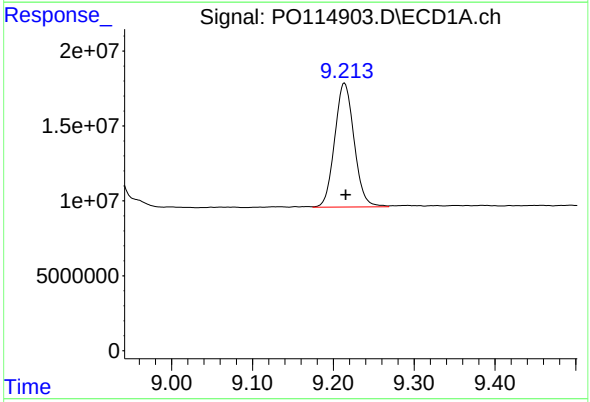
R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 331834539
Conc: 502.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



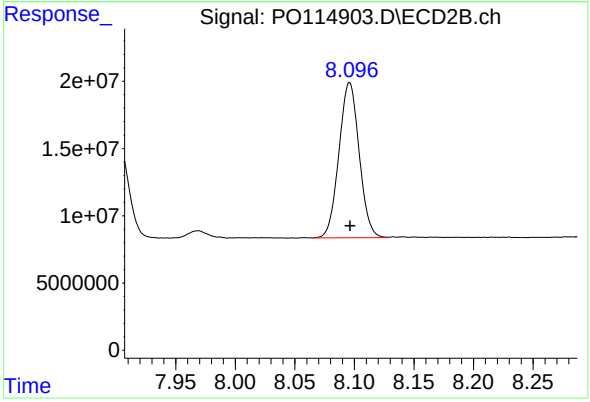
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 336364126
Conc: 497.75 ng/ml



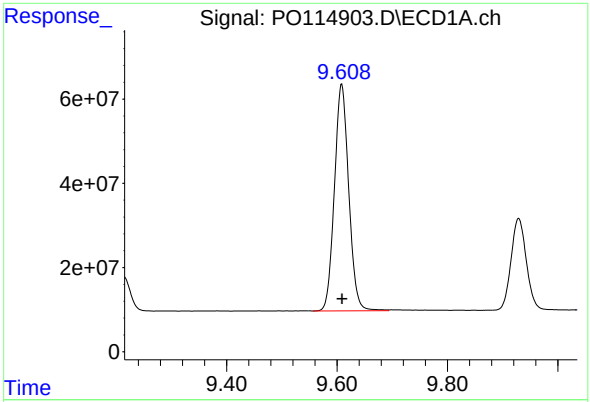
#44 AR-1268-4

R.T.: 9.214 min
Delta R.T.: -0.002 min
Response: 138219270
Conc: 492.60 ng/ml



#44 AR-1268-4

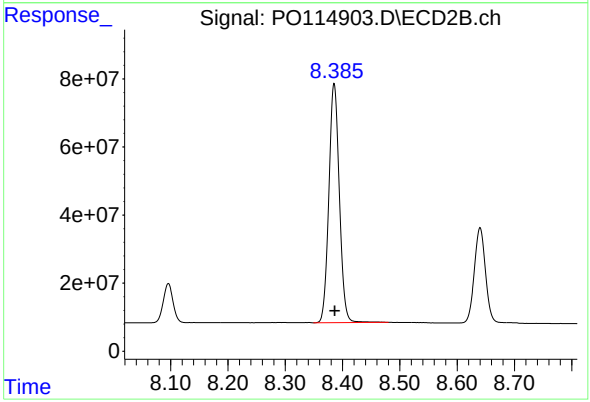
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 136446175
Conc: 495.69 ng/ml



#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

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.:** Q3673

Instrument ID: ECD_Q **Calibration Date(s):** 11/18/2025 11/18/2025

Calibration Times: 12:13 17:52

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

LAB FILE ID: RT 1000 = PQ071273.D RT 750 = PQ071274.D

RT 500 = PQ071275.D RT 250 = PQ071276.D RT 050 = PQ071277.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.50	4.50	4.50	4.50	4.52	4.50	4.40	4.60
Aroclor-1016-2	(2)	4.52	4.52	4.52	4.52	4.53	4.52	4.42	4.62
Aroclor-1016-3	(3)	4.57	4.57	4.57	4.57	4.59	4.58	4.48	4.68
Aroclor-1016-4	(4)	4.66	4.66	4.66	4.66	4.68	4.67	4.57	4.77
Aroclor-1016-5	(5)	4.95	4.95	4.95	4.95	4.97	4.95	4.85	5.05
Aroclor-1260-1	(1)	6.04	6.04	6.04	6.04	6.06	6.05	5.95	6.15
Aroclor-1260-2	(2)	6.30	6.30	6.30	6.30	6.32	6.30	6.20	6.40
Aroclor-1260-3	(3)	6.65	6.65	6.65	6.65	6.67	6.66	6.56	6.76
Aroclor-1260-4	(4)	6.87	6.87	6.87	6.87	6.89	6.87	6.77	6.97
Aroclor-1260-5	(5)	7.18	7.18	7.18	7.18	7.19	7.18	7.08	7.28
Decachlorobiphenyl		8.54	8.54	8.54	8.54	8.56	8.54	8.44	8.64
Tetrachloro-m-xylene		3.41	3.41	3.41	3.41	3.43	3.41	3.31	3.51

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

Instrument ID: ECD_Q **Calibration Date(s):** 11/18/2025 11/18/2025

Calibration Times: 12:13 17:52

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

LAB FILE ID: RT 1000 = PQ071273.D RT 750 = PQ071274.D

RT 500 = PQ071275.D RT 250 = PQ071276.D RT 050 = PQ071277.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	3.87	3.87	3.87	3.87	3.87	3.87	3.77	3.97
Aroclor-1016-2	(2)	3.89	3.89	3.89	3.89	3.89	3.89	3.79	3.99
Aroclor-1016-3	(3)	4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1016-4	(4)	4.10	4.10	4.10	4.10	4.10	4.10	4.00	4.20
Aroclor-1016-5	(5)	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
Aroclor-1260-1	(1)	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
Aroclor-1260-2	(2)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1260-3	(3)	5.63	5.63	5.63	5.63	5.63	5.63	5.53	5.73
Aroclor-1260-4	(4)	6.09	6.09	6.09	6.09	6.10	6.09	5.99	6.19
Aroclor-1260-5	(5)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Decachlorobiphenyl		7.66	7.66	7.66	7.66	7.67	7.66	7.56	7.76
Tetrachloro-m-xylene		2.86	2.86	2.86	2.86	2.86	2.86	2.76	2.96

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR16
SDG NO.: Q3673
Calibration Date(s): 11/18/2025 11/18/2025
Calibration Times: 12:13 17:52

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

LAB FILE ID: CF 1000 = PQ071273.D CF 750 = PQ071274.D
CF 500 = PQ071275.D CF 250 = PQ071276.D CF 050 = PQ071277.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	311209443	325306409	334960420	370775688	310495920	330549576	7
Aroclor-1016-2	(2)	454956483	483617911	488216998	532284408	419023680	475619896	9
Aroclor-1016-3	(3)	281433085	296253320	305626516	333395192	275584660	298458555	8
Aroclor-1016-4	(4)	234302490	247746569	253468024	274270176	217948160	245547084	9
Aroclor-1016-5	(5)	227588399	240337467	244778336	266881628	202488280	236414822	10
Aroclor-1260-1	(1)	403697389	422049059	431530760	470973172	509235360	447497148	9
Aroclor-1260-2	(2)	484063668	508755839	518003726	565534068	478211840	510913828	7
Aroclor-1260-3	(3)	363748675	381918643	387953578	420676408	359371540	382733769	6
Aroclor-1260-4	(4)	401463798	418074460	426123752	460070296	384990780	418144617	7
Aroclor-1260-5	(5)	815891195	848908912	857360548	908709984	730318200	832237768	8
Decachlorobiphenyl		6030880380	6352203200	6158598760	6987849240	5778207800	6261547876	7
Tetrachloro-m-xylene		8546006460	8858225840	8899975320	9586516600	7635115600	8705167964	8

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR16
SDG NO.: Q3673
Calibration Date(s): 11/18/2025 11/18/2025
Calibration Times: 12:13 17:52

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

LAB FILE ID: CF 1000 = PQ071273.D CF 750 = PQ071274.D
CF 500 = PQ071275.D CF 250 = PQ071276.D CF 050 = PQ071277.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	332630983	356211511	365223582	399854352	356694960	362123078	7
Aroclor-1016-2	(2)	469915964	498445101	508986280	558587480	419976800	491182325	10
Aroclor-1016-3	(3)	261212829	276527187	282397422	312410520	257410940	277991780	8
Aroclor-1016-4	(4)	206335378	219784485	225788532	249141124	220190920	224248088	7
Aroclor-1016-5	(5)	261975238	278879635	287126196	315646164	249213060	278568059	9
Aroclor-1260-1	(1)	470834211	499030651	506558908	553760816	464449480	498926813	7
Aroclor-1260-2	(2)	578885125	611817109	624534876	679410500	537231520	606375826	9
Aroclor-1260-3	(3)	569533507	586805373	600799622	662489508	536292560	591184114	8
Aroclor-1260-4	(4)	474748397	501533260	509116144	552472196	439023960	495378791	9
Aroclor-1260-5	(5)	1113907697	1165903804	1178172802	1262924788	1020520040	1148285826	8
Decachlorobiphenyl		8663334660	9173331373	9334286420	10163392120	8354125200	9137693955	8
Tetrachloro-m-xylene		9084208260	9541859853	9573016560	10330655880	8153694800	9336687071	9

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

Instrument ID: ECD_Q **Date(s) Analyzed:** 11/18/2025 11/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.62	3.52	3.72	108487000
		2	3.70	3.60	3.80	79330000
		3	3.77	3.67	3.87	243616000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.76	3.66	3.86	197386000
		2	4.24	4.14	4.34	102466000
		3	4.52	4.42	4.62	207190000
		4	4.67	4.57	4.77	103833000
		5	4.81	4.71	4.91	84473000
Aroclor-1242	500	1	4.50	4.40	4.60	260736000
		2	4.52	4.42	4.62	380776000
		3	4.58	4.48	4.68	243244000
		4	4.67	4.57	4.77	194314000
		5	5.34	5.24	5.44	199781000
Aroclor-1248	500	1	4.50	4.40	4.60	190494000
		2	4.76	4.66	4.86	243288000
		3	4.95	4.85	5.05	293826000
		4	5.31	5.21	5.41	262878000
		5	5.34	5.24	5.44	338346000
Aroclor-1254	500	1	5.31	5.21	5.41	347360000
		2	5.53	5.43	5.63	541824000
		3	5.88	5.78	5.98	575830000
		4	6.16	6.06	6.26	422490000
		5	6.57	6.47	6.67	459632000
Aroclor-1262	500	1	6.87	6.77	6.97	466646000
		2	7.18	7.08	7.28	850324000
		3	7.45	7.35	7.55	560870000
		4	7.52	7.42	7.62	438268000
		5	8.02	7.92	8.12	283976000
Aroclor-1268	500	1	7.45	7.35	7.55	1020760000
		2	7.53	7.43	7.63	946750000
		3	7.71	7.61	7.81	777898000
		4	8.02	7.92	8.12	338330000
		5	8.31	8.21	8.41	2294740000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

Instrument ID: ECD_Q **Date(s) Analyzed:** 11/18/2025 11/18/2025

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	3.06	2.96	3.16	114922000
		2	3.14	3.04	3.24	85299000
		3	3.21	3.11	3.31	258550000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.21	3.11	3.31	212032000
		2	3.89	3.79	3.99	216600000
		3	4.05	3.95	4.15	118883000
		4	4.14	4.04	4.24	93895400
		5	4.30	4.20	4.40	108074000
Aroclor-1242	500	1	3.87	3.77	3.97	289516000
		2	3.89	3.79	3.99	402834000
		3	4.05	3.95	4.15	233896000
		4	4.14	4.04	4.24	199829000
		5	4.64	4.54	4.74	263286000
Aroclor-1248	500	1	3.87	3.77	3.97	212876000
		2	4.10	4.00	4.20	284018000
		3	4.14	4.04	4.24	280112000
		4	4.30	4.20	4.40	346384000
		5	4.67	4.57	4.77	348638000
Aroclor-1254	500	1	4.64	4.54	4.74	535868000
		2	4.78	4.68	4.88	458782000
		3	5.17	5.07	5.27	759300000
		4	5.39	5.29	5.49	499818000
		5	5.80	5.70	5.90	692230000
Aroclor-1262	500	1	5.85	5.75	5.95	639510000
		2	6.09	5.99	6.19	594340000
		3	6.62	6.52	6.72	477658000
		4	6.68	6.58	6.78	894350000
		5	7.17	7.07	7.27	428332000
Aroclor-1268	500	1	6.62	6.52	6.72	1440040000
		2	6.68	6.58	6.78	1347710000
		3	6.88	6.78	6.98	1135760000
		4	7.17	7.07	7.27	507132000
		5	7.44	7.34	7.54	3541520000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:13
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 101 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:18:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.411	2.856	854.6E6	908.4E6	97.971	97.380
2)	SA Decachlor...	8.537	7.660	603.1E6	866.3E6	98.952	96.272
	Target Compounds						
3)	L1 AR-1016-1	4.497	3.871	311.2E6	332.6E6	963.243	953.296
4)	L1 AR-1016-2	4.516	3.888	455.0E6	469.9E6	964.736	960.088
5)	L1 AR-1016-3	4.574	4.050	281.4E6	261.2E6	958.789	961.030
6)	L1 AR-1016-4	4.664	4.098	234.3E6	206.3E6	960.708	954.982
7)	L1 AR-1016-5	4.949	4.296	227.6E6	262.0E6	963.609	954.196
31)	L7 AR-1260-1	6.043	5.297	403.7E6	470.8E6	966.676	963.449
32)	L7 AR-1260-2	6.301	5.487	484.1E6	578.9E6	966.130	962.067
33)	L7 AR-1260-3	6.653	5.630	363.7E6	569.5E6	967.800	973.284
34)	L7 AR-1260-4	6.868	6.094	401.5E6	474.7E6	970.203	965.069
35)	L7 AR-1260-5	7.175	6.338	815.9E6	1113.9E6	975.216	971.962

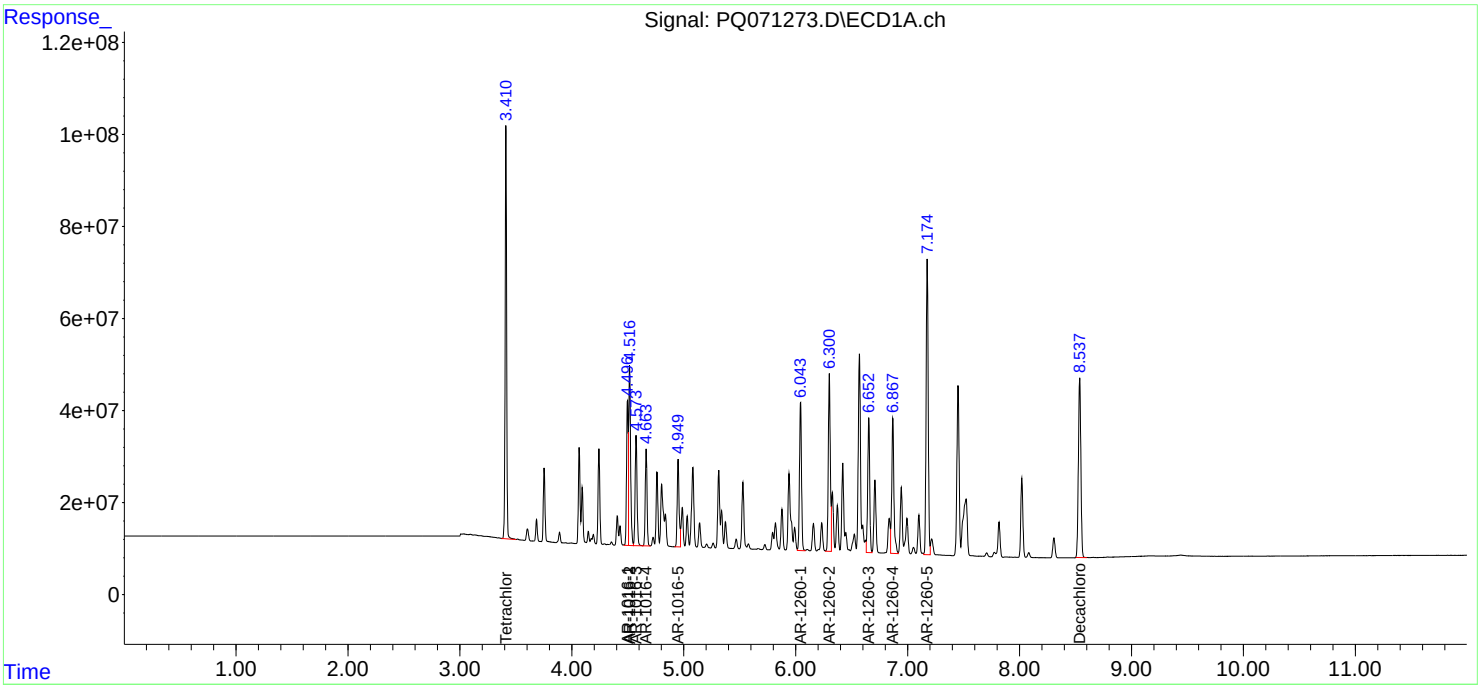
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

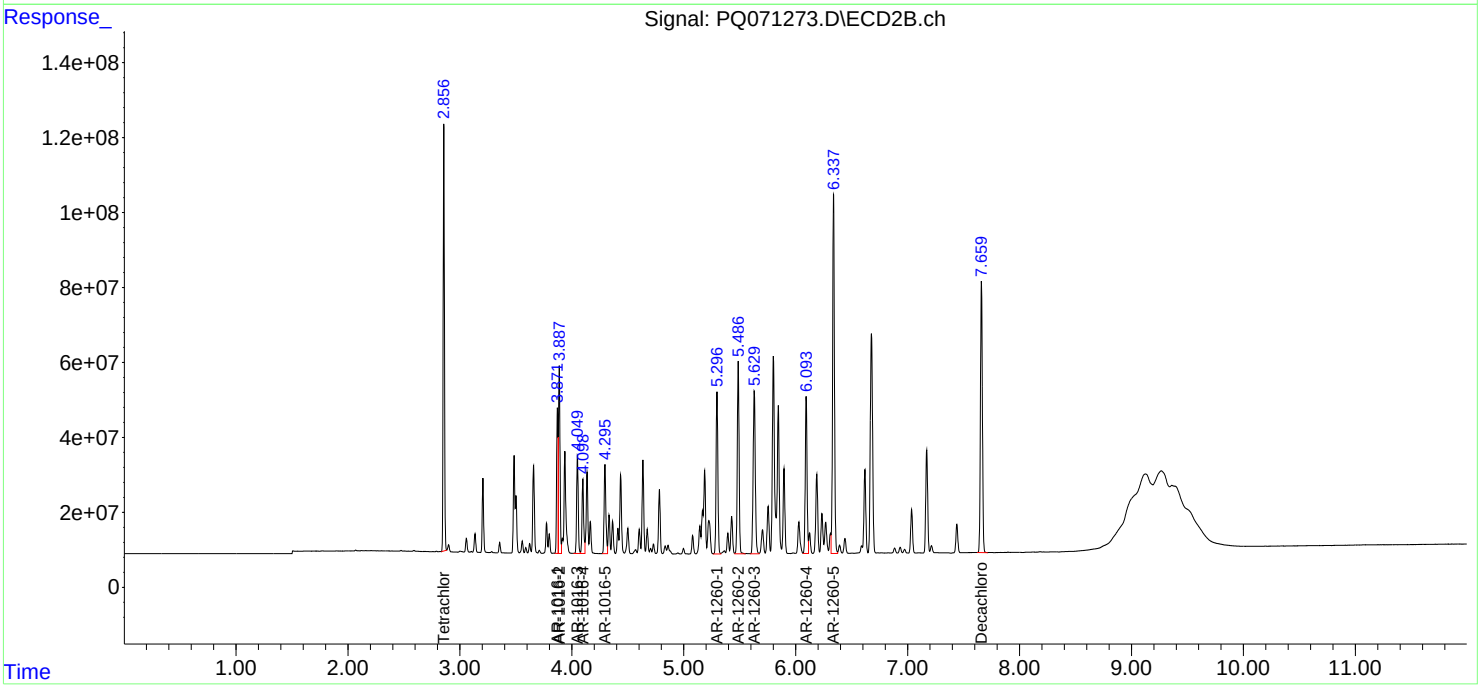
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:13
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 101 Sample Multiplier: 1

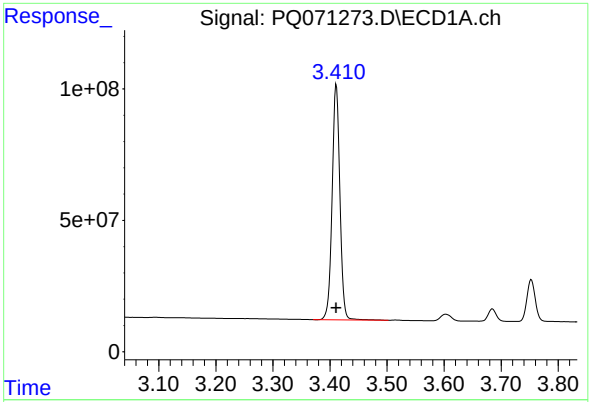
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:18:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



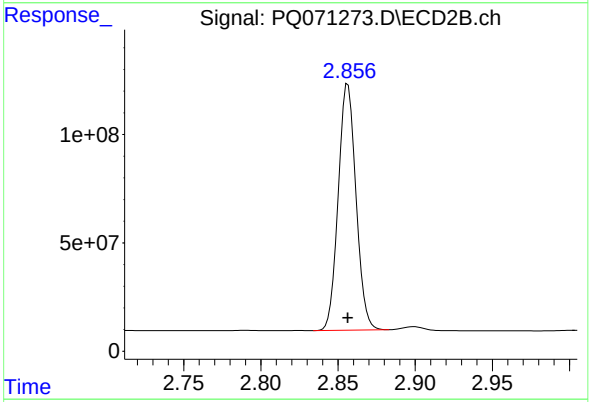




#1 Tetrachloro-m-xylene

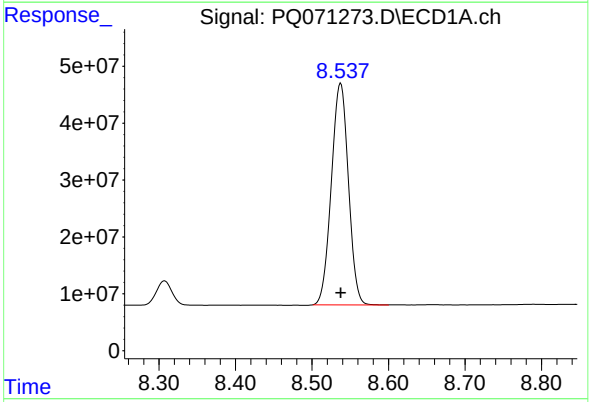
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 854600646
Conc: 97.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



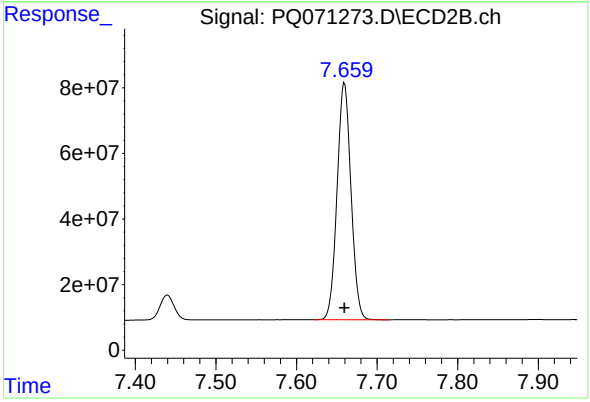
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 908420826
Conc: 97.38 ng/ml



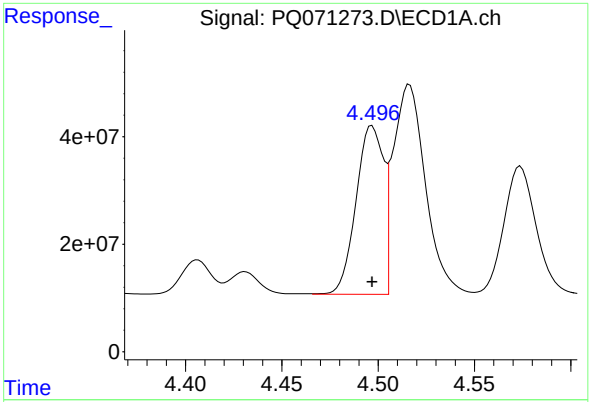
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 603088038
Conc: 98.95 ng/ml



#2 Decachlorobiphenyl

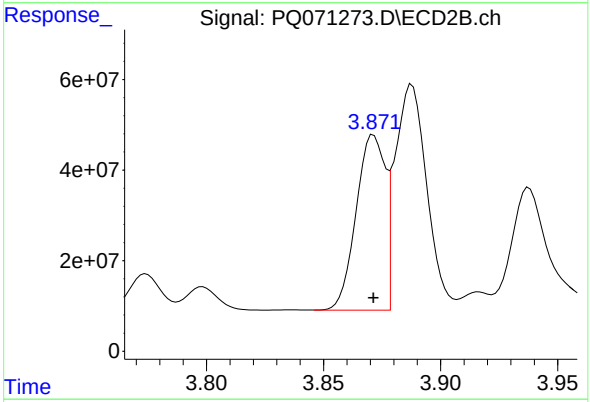
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 866333466
Conc: 96.27 ng/ml



#3 AR-1016-1

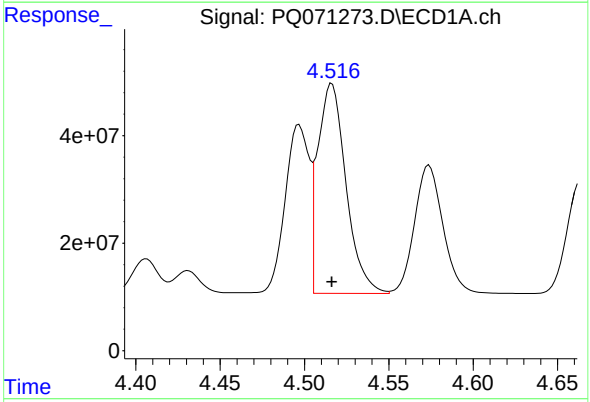
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 311209443
Conc: 963.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



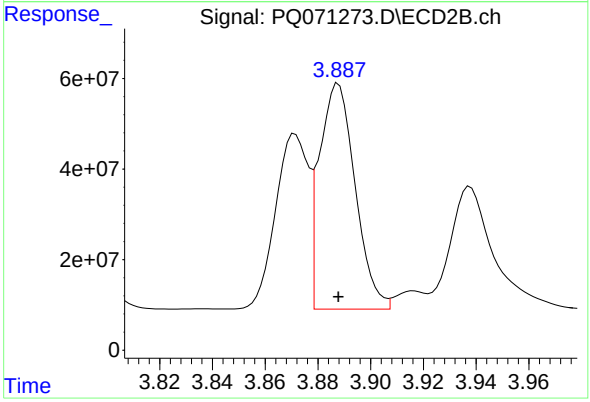
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 332630983
Conc: 953.30 ng/ml



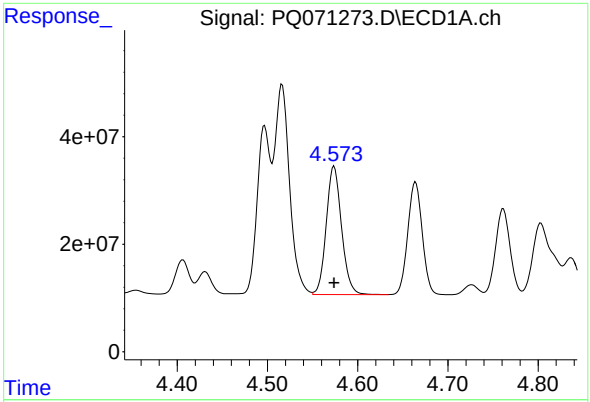
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 454956483
Conc: 964.74 ng/ml



#4 AR-1016-2

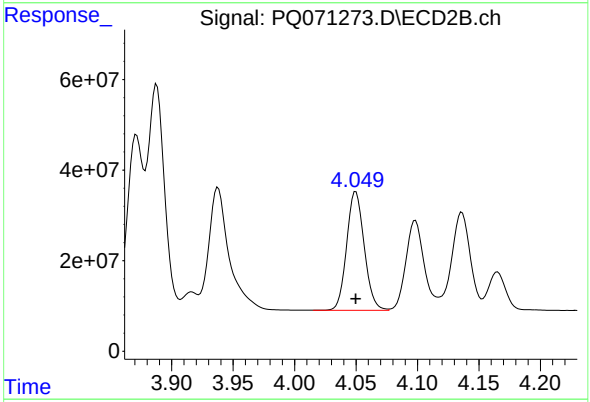
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 469915964
Conc: 960.09 ng/ml



#5 AR-1016-3

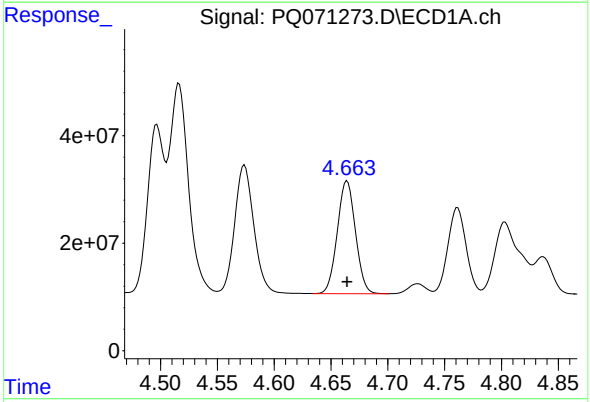
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 281433085
Conc: 958.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



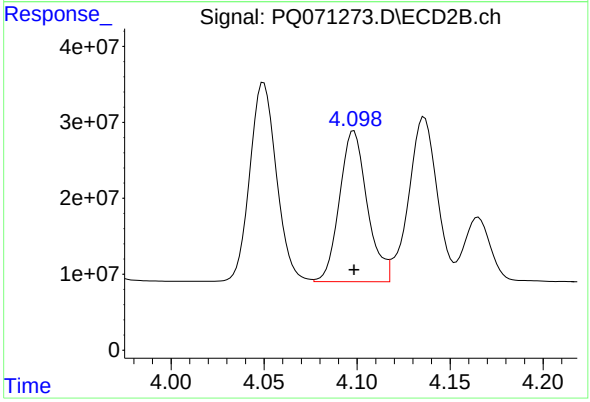
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 261212829
Conc: 961.03 ng/ml



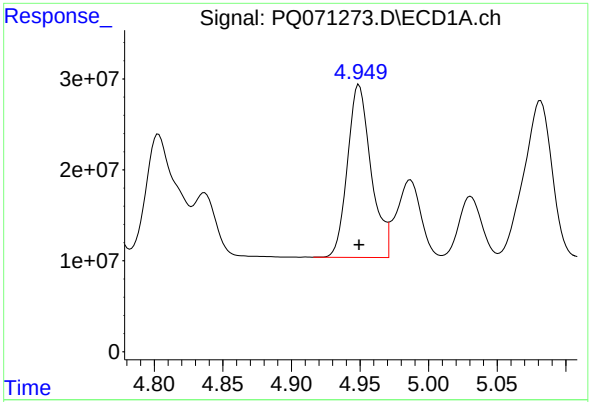
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 234302490
Conc: 960.71 ng/ml



#6 AR-1016-4

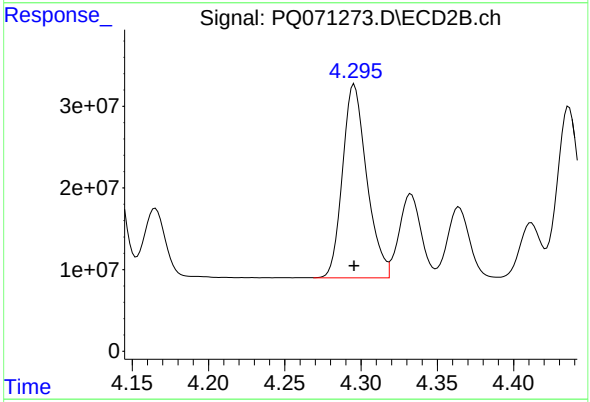
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 206335378
Conc: 954.98 ng/ml



#7 AR-1016-5

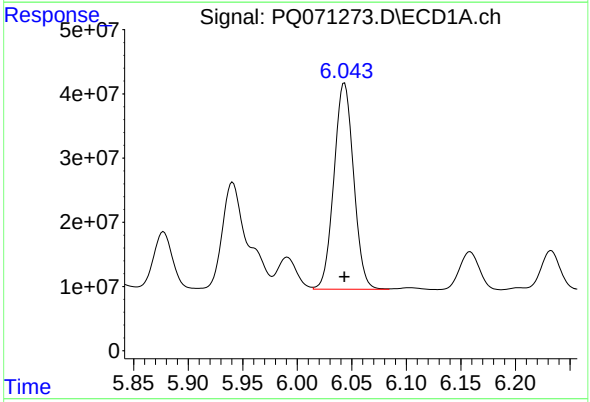
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 227588399
Conc: 963.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



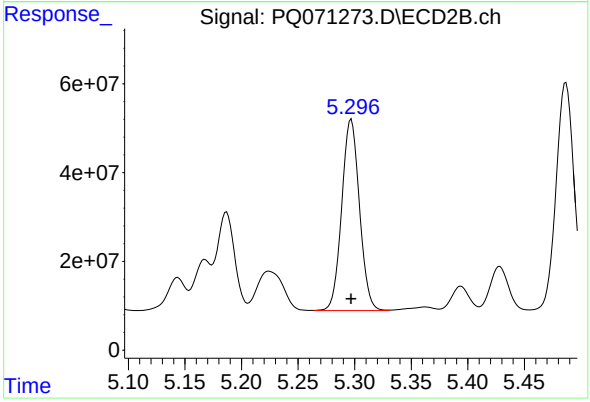
#7 AR-1016-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 261975238
Conc: 954.20 ng/ml



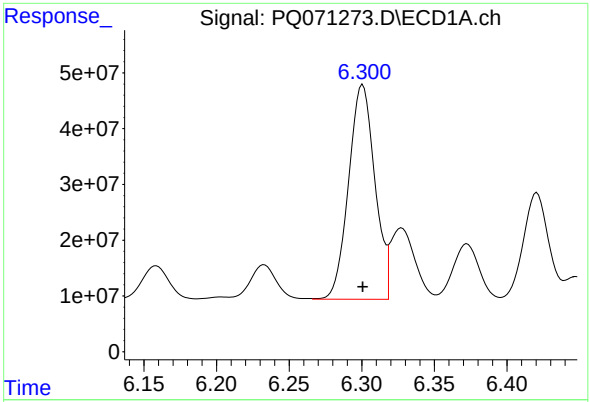
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 403697389
Conc: 966.68 ng/ml



#31 AR-1260-1

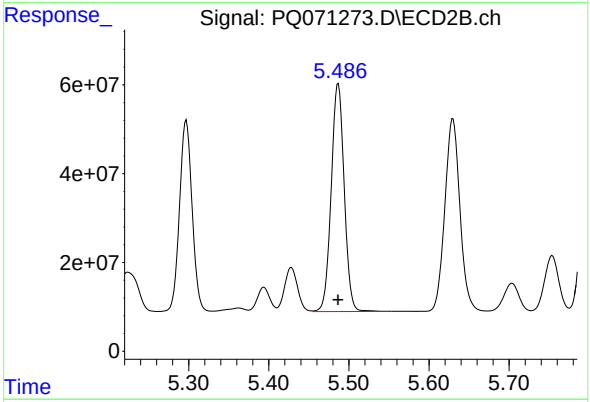
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 470834211
Conc: 963.45 ng/ml



#32 AR-1260-2

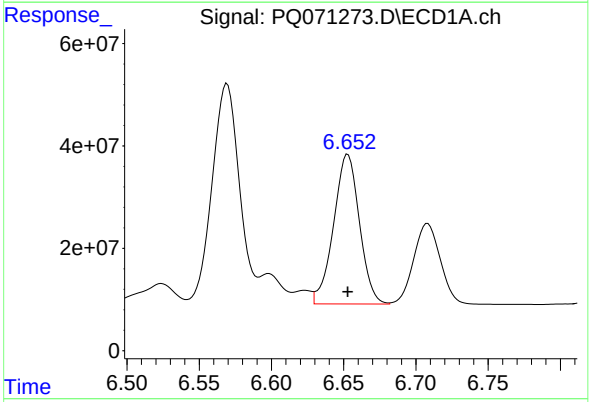
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 484063668
Conc: 966.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



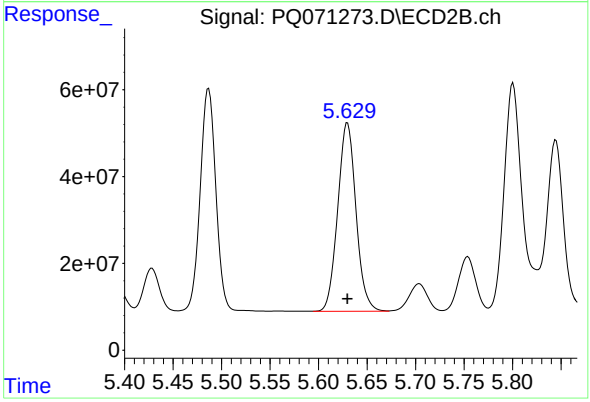
#32 AR-1260-2

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 578885125
Conc: 962.07 ng/ml



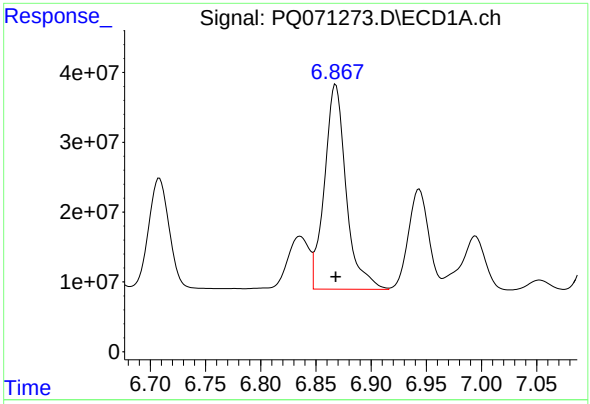
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 363748675
Conc: 967.80 ng/ml



#33 AR-1260-3

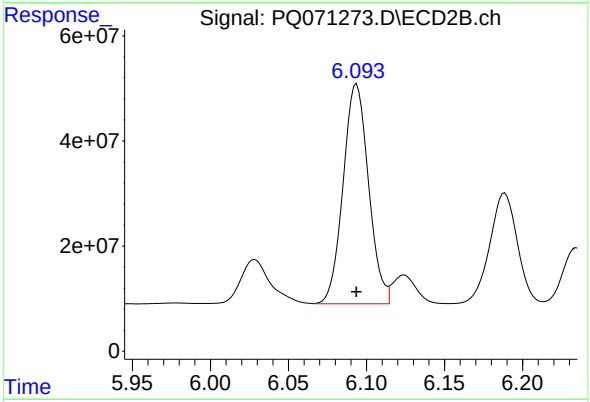
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 569533507
Conc: 973.28 ng/ml



#34 AR-1260-4

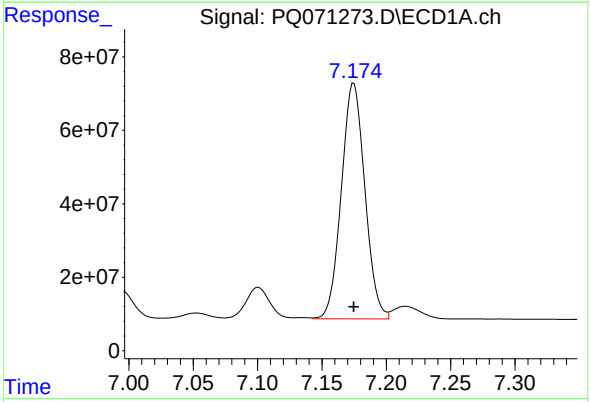
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 401463798
Conc: 970.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



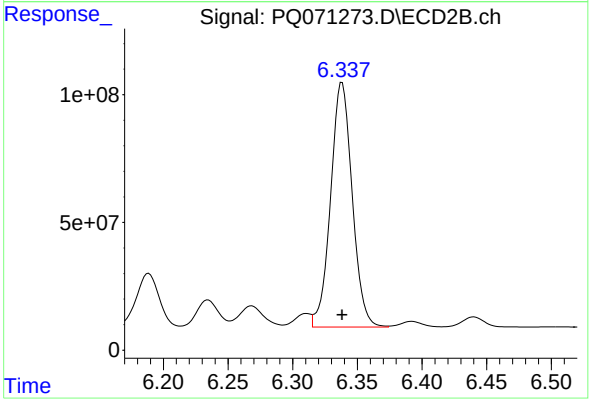
#34 AR-1260-4

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 474748397
Conc: 965.07 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 815891195
Conc: 975.22 ng/ml



#35 AR-1260-5

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 1113907697
Conc: 971.96 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:28
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 102 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.411	2.856	664.4E6	715.6E6	75.771	76.134
2)	SA Decachlor...	8.537	7.660	476.4E6	688.0E6	77.083	75.963
	Target Compounds						
3)	L1 AR-1016-1	4.498	3.871	244.0E6	267.2E6	753.430	760.366
4)	L1 AR-1016-2	4.516	3.888	362.7E6	373.8E6	762.648	759.132
5)	L1 AR-1016-3	4.574	4.050	222.2E6	207.4E6	754.625	758.636
6)	L1 AR-1016-4	4.664	4.098	185.8E6	164.8E6	757.875	758.565
7)	L1 AR-1016-5	4.950	4.296	180.3E6	209.2E6	758.743	757.842
31)	L7 AR-1260-1	6.043	5.297	316.5E6	374.3E6	755.291	760.499
32)	L7 AR-1260-2	6.300	5.487	381.6E6	458.9E6	757.667	758.352
33)	L7 AR-1260-3	6.652	5.630	286.4E6	440.1E6	758.028	751.399
34)	L7 AR-1260-4	6.868	6.094	313.6E6	376.1E6	755.155	759.695
35)	L7 AR-1260-5	7.175	6.339	636.7E6	874.4E6	757.305	758.616

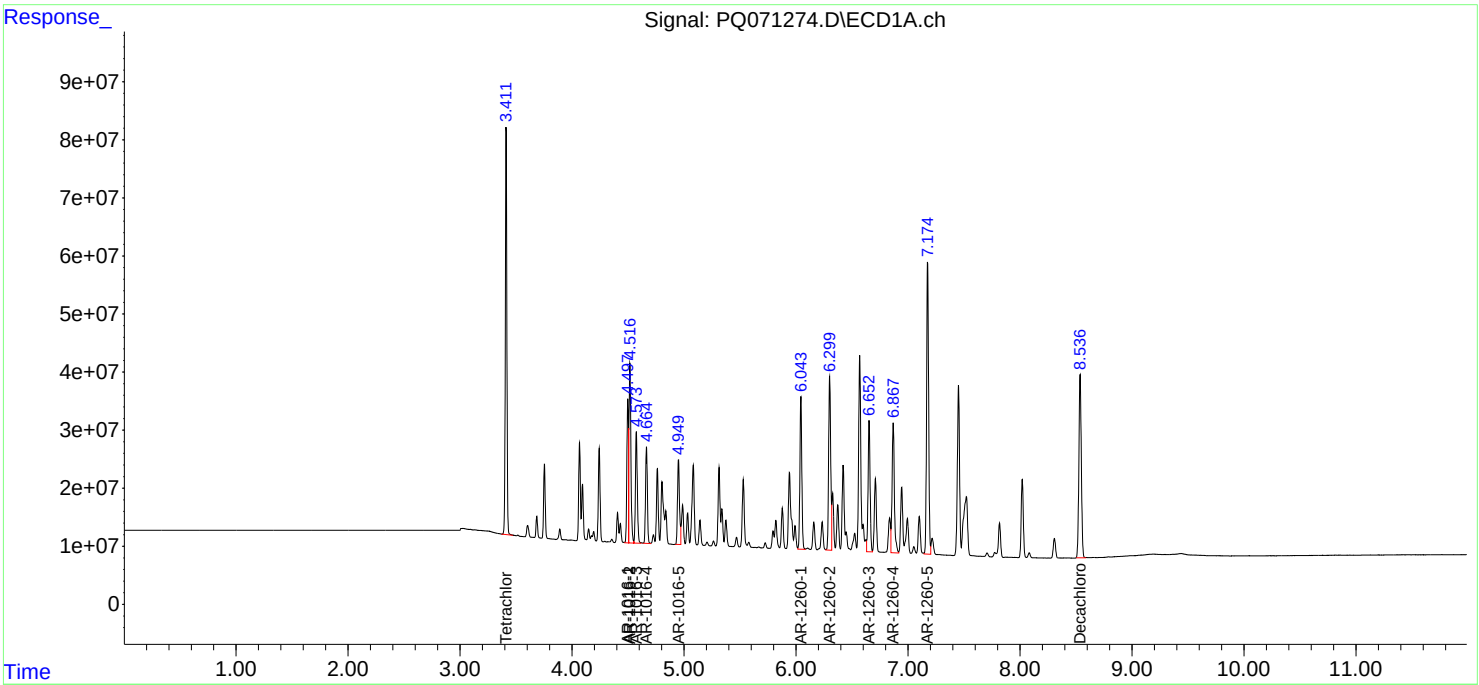
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

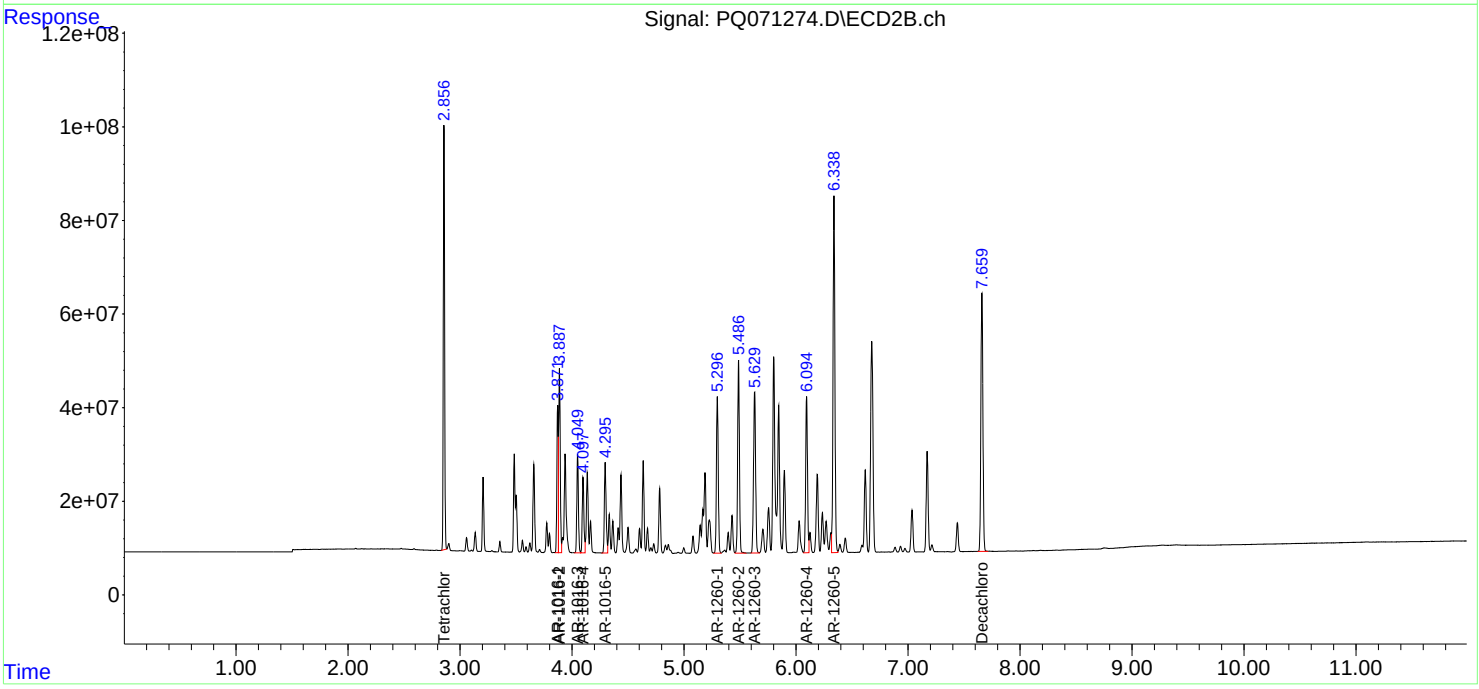
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:28
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 102 Sample Multiplier: 1

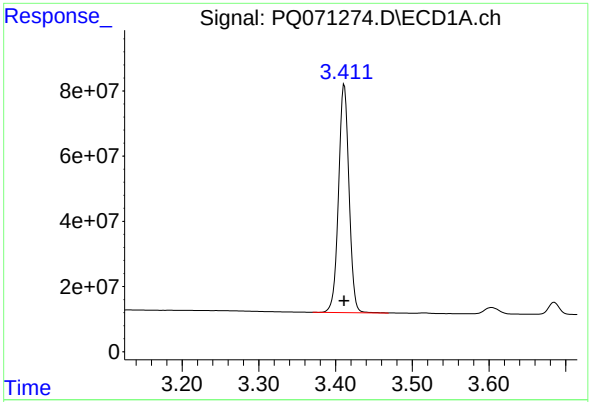
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



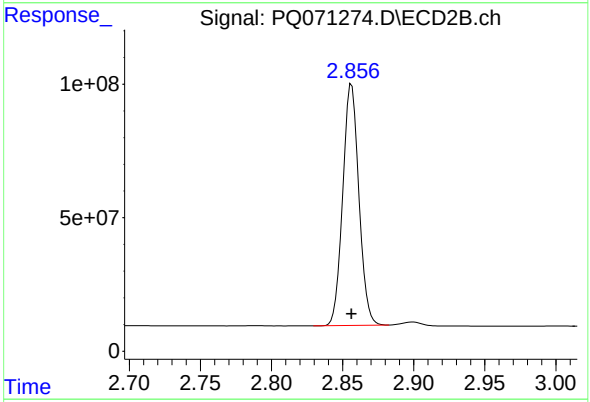




#1 Tetrachloro-m-xylene

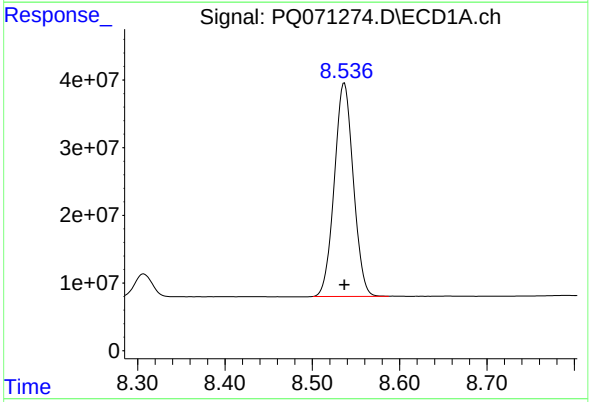
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 664366938
Conc: 75.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



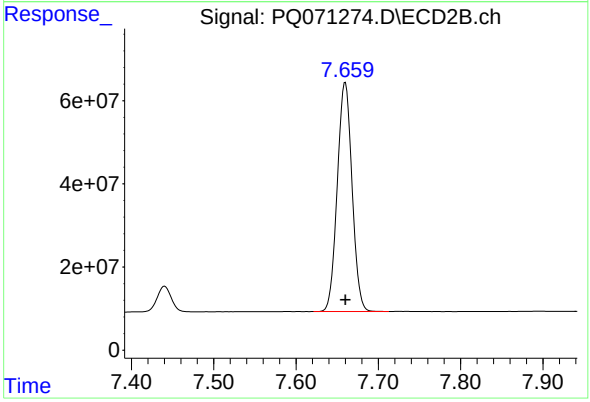
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 715639489
Conc: 76.13 ng/ml



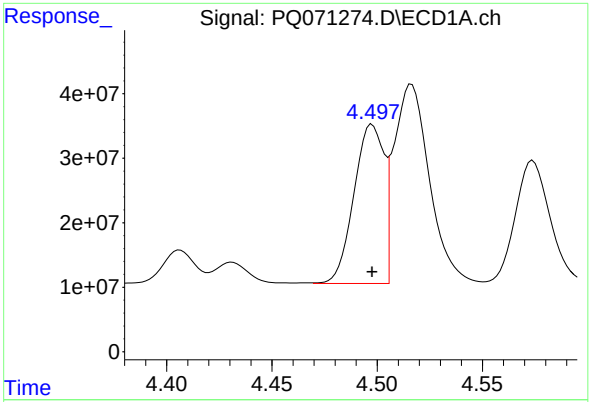
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 476415240
Conc: 77.08 ng/ml



#2 Decachlorobiphenyl

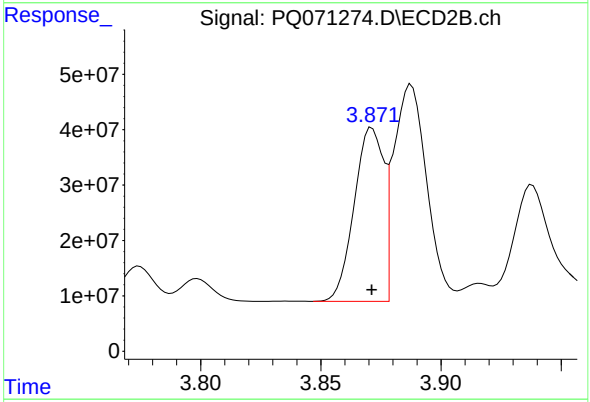
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 687999853
Conc: 75.96 ng/ml



#3 AR-1016-1

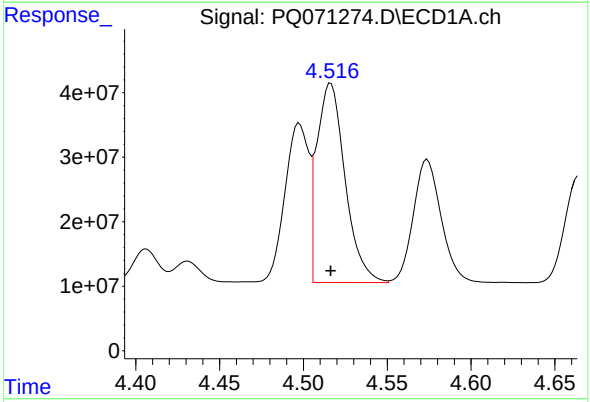
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 243979807
Conc: 753.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



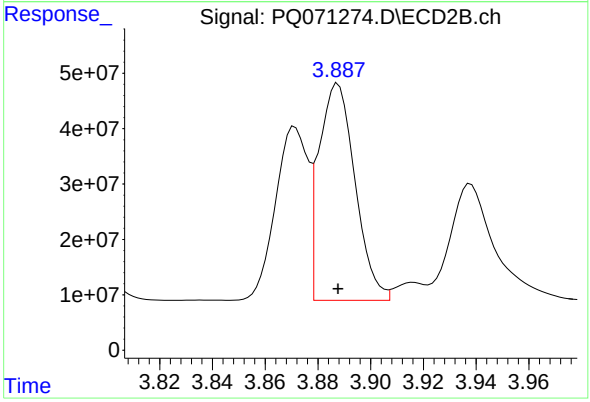
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 267158633
Conc: 760.37 ng/ml



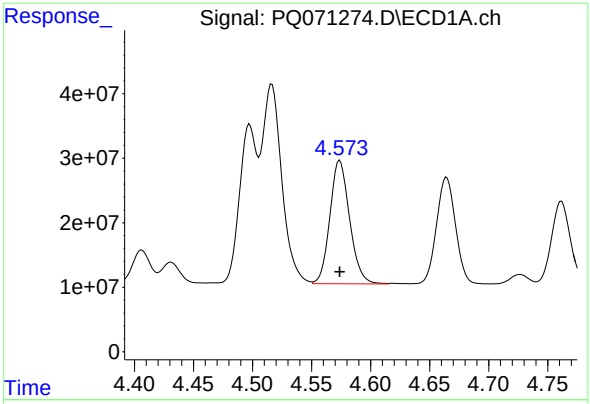
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 362713433
Conc: 762.65 ng/ml



#4 AR-1016-2

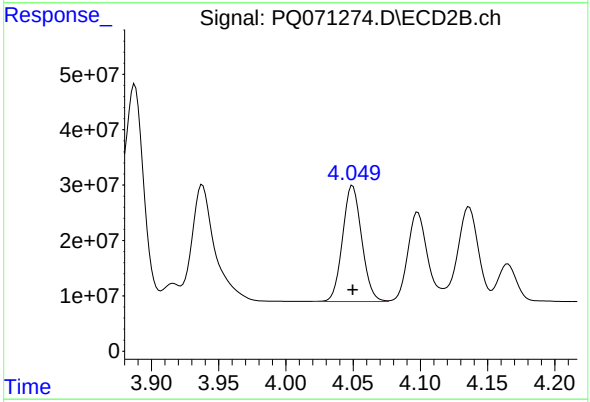
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 373833826
Conc: 759.13 ng/ml



#5 AR-1016-3

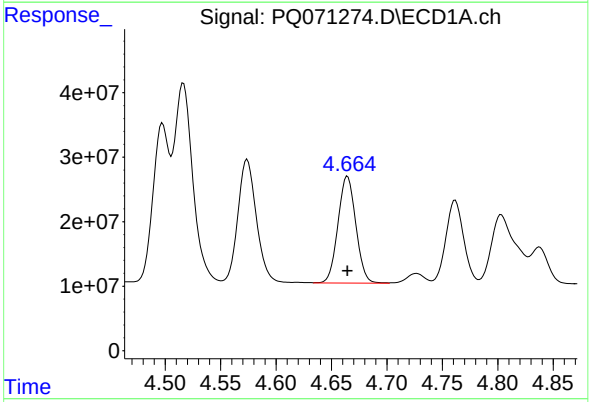
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 222189990
Conc: 754.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



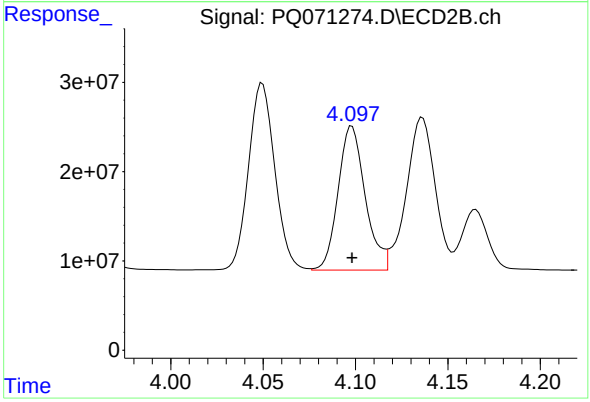
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 207395390
Conc: 758.64 ng/ml



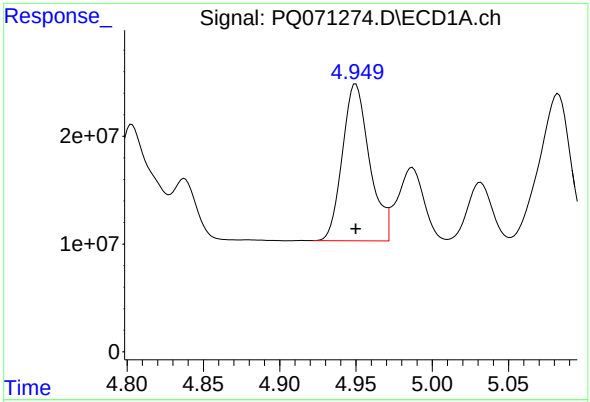
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 185809927
Conc: 757.87 ng/ml



#6 AR-1016-4

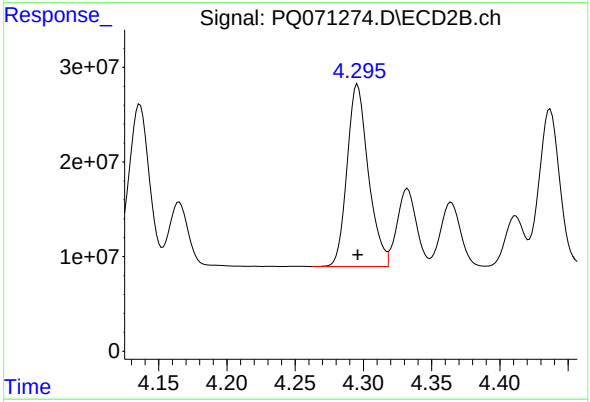
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 164838364
Conc: 758.57 ng/ml



#7 AR-1016-5

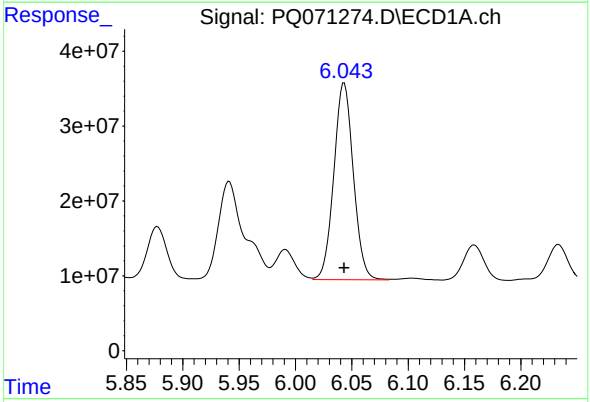
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 180253100
Conc: 758.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



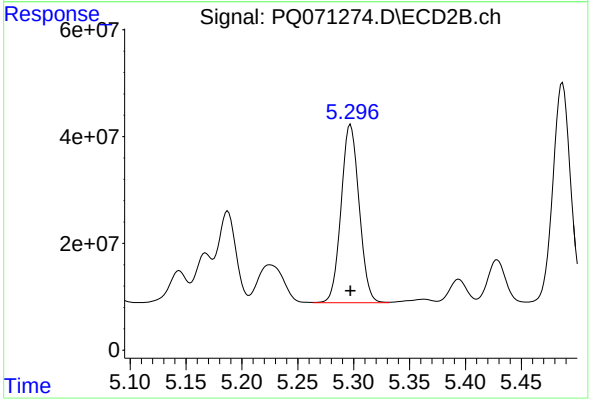
#7 AR-1016-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 209159726
Conc: 757.84 ng/ml



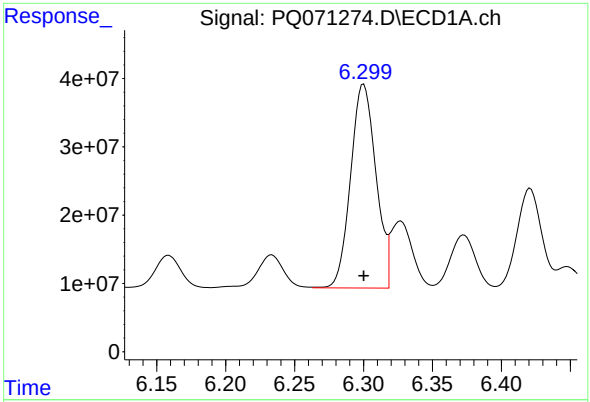
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 316536794
Conc: 755.29 ng/ml



#31 AR-1260-1

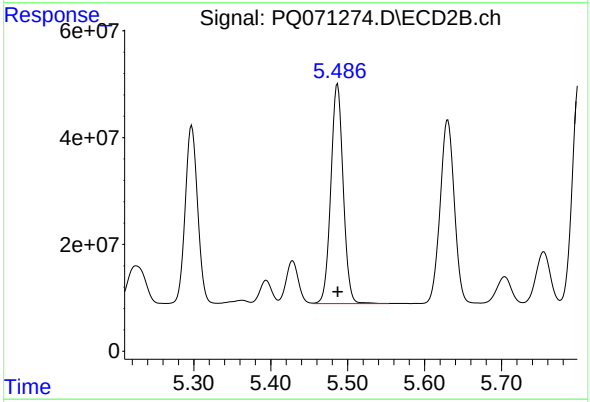
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 374272988
Conc: 760.50 ng/ml



#32 AR-1260-2

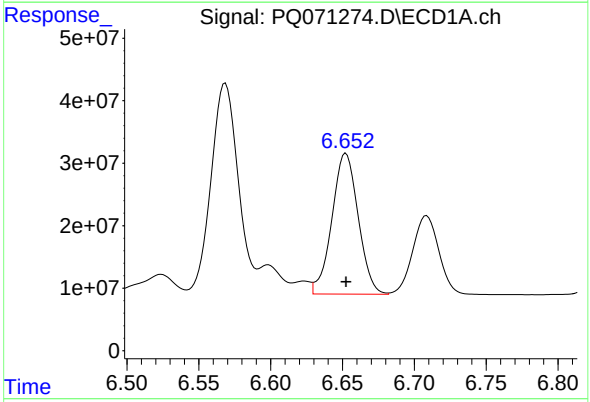
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 381566879
Conc: 757.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



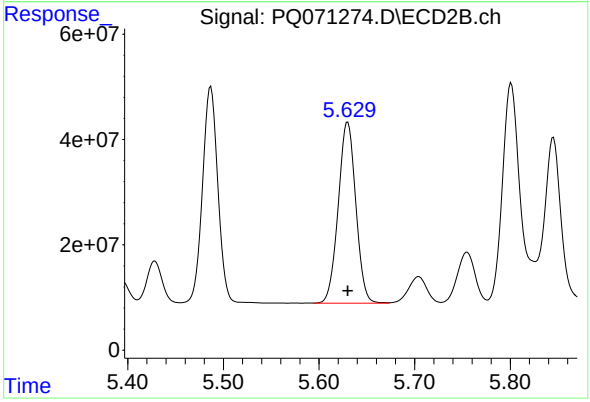
#32 AR-1260-2

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 458862832
Conc: 758.35 ng/ml



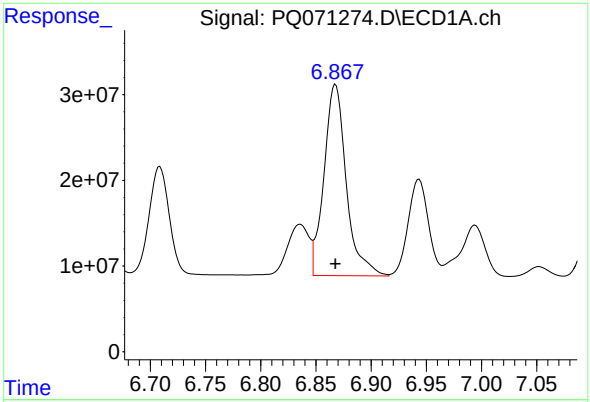
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 286438982
Conc: 758.03 ng/ml



#33 AR-1260-3

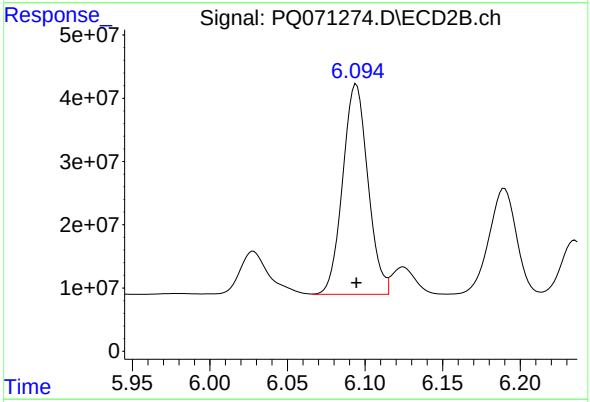
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 440104030
Conc: 751.40 ng/ml



#34 AR-1260-4

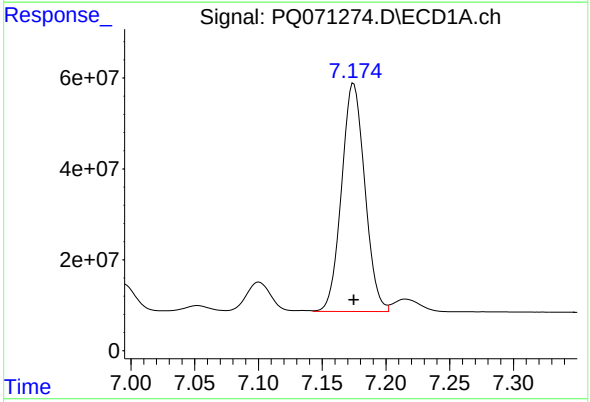
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 313555845
Conc: 755.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



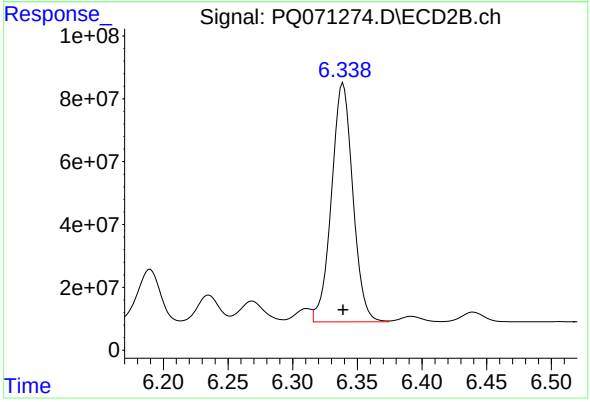
#34 AR-1260-4

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 376149945
Conc: 759.70 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 636681684
Conc: 757.31 ng/ml



#35 AR-1260-5

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 874427853
Conc: 758.62 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:43
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 103 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:15:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.411	2.856	445.0E6	478.7E6	50.000	50.000
2)	SA Decachlor...	8.537	7.659	307.9E6	466.7E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.497	3.871	167.5E6	182.6E6	500.000	500.000
4)	L1 AR-1016-2	4.516	3.888	244.1E6	254.5E6	500.000	500.000
5)	L1 AR-1016-3	4.574	4.050	152.8E6	141.2E6	500.000	500.000
6)	L1 AR-1016-4	4.664	4.098	126.7E6	112.9E6	500.000	500.000
7)	L1 AR-1016-5	4.949	4.295	122.4E6	143.6E6	500.000	500.000
31)	L7 AR-1260-1	6.043	5.297	215.8E6	253.3E6	500.000	500.000
32)	L7 AR-1260-2	6.300	5.486	259.0E6	312.3E6	500.000	500.000
33)	L7 AR-1260-3	6.652	5.630	194.0E6	300.4E6	500.000	500.000
34)	L7 AR-1260-4	6.867	6.093	213.1E6	254.6E6	500.000	500.000
35)	L7 AR-1260-5	7.175	6.338	428.7E6	589.1E6	500.000	500.000

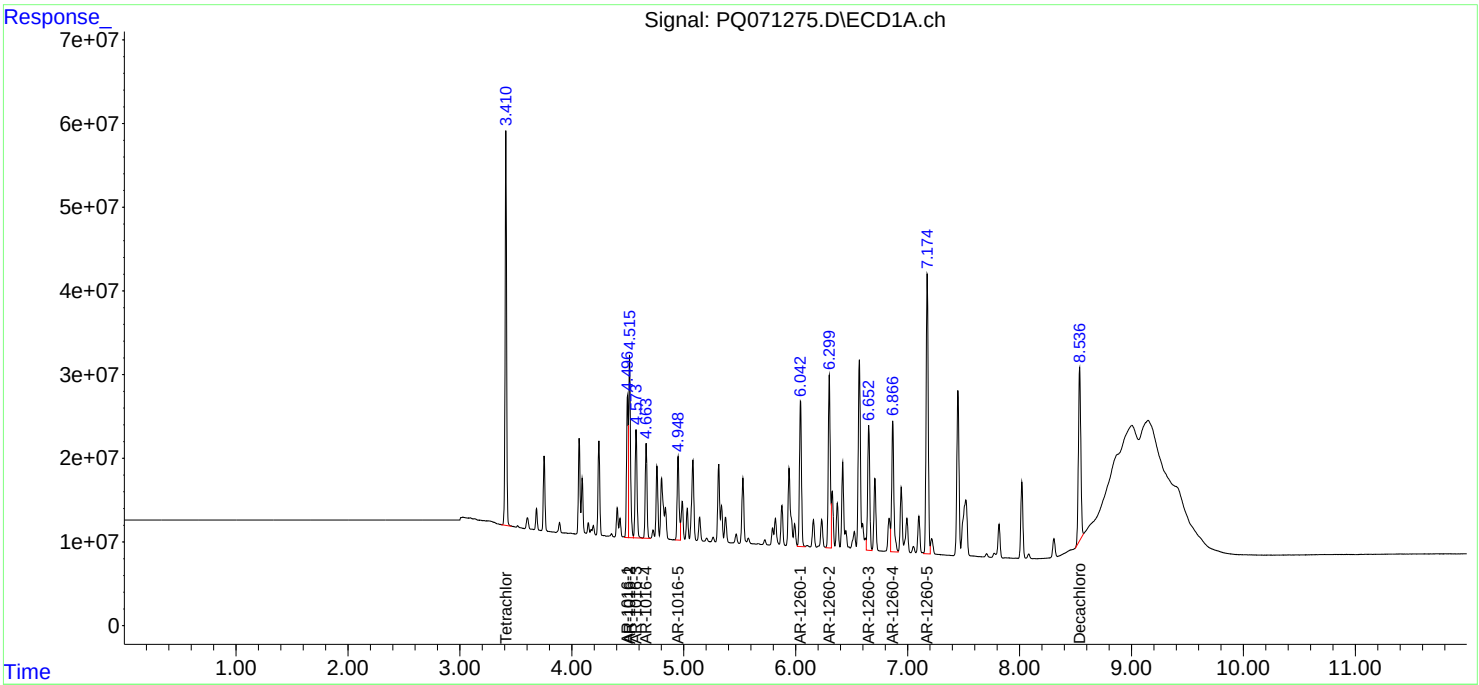
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

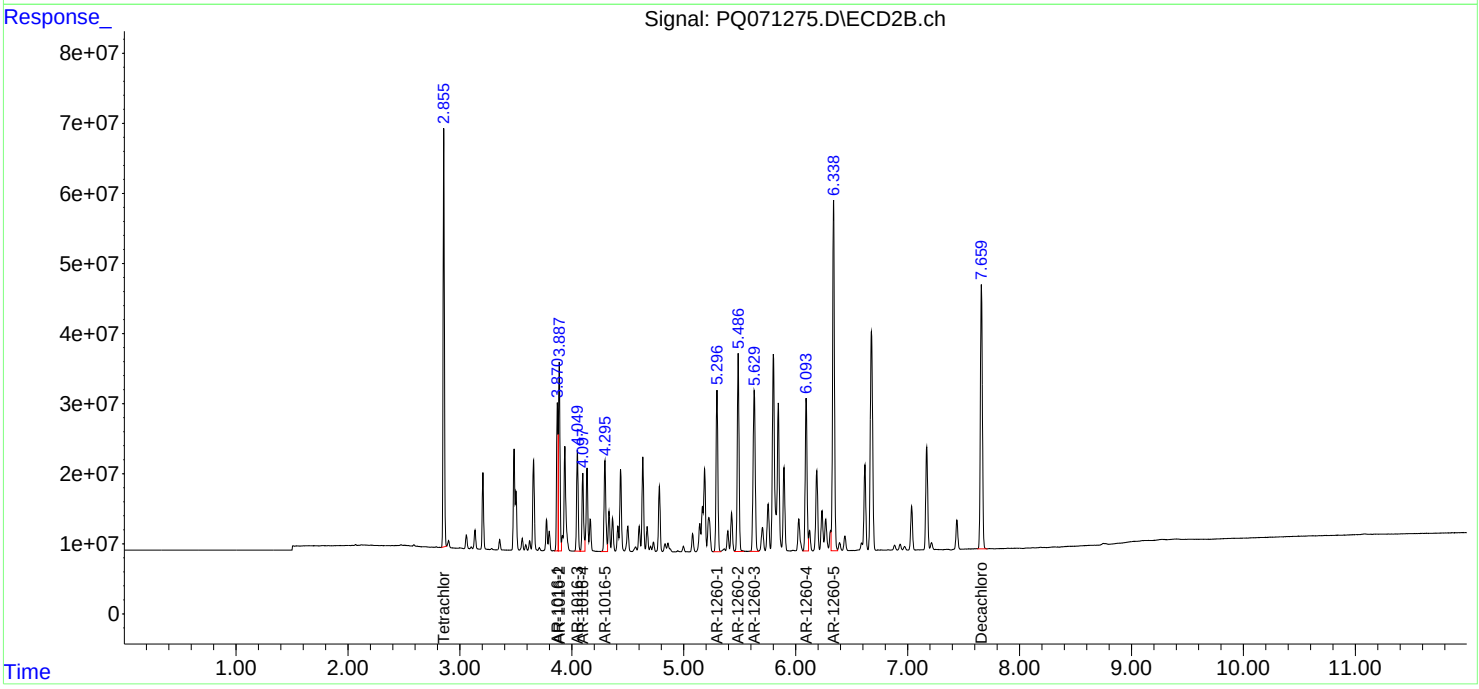
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:43
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 103 Sample Multiplier: 1

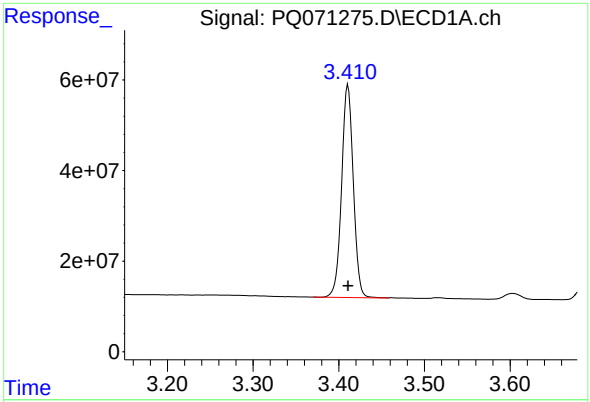
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:15:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



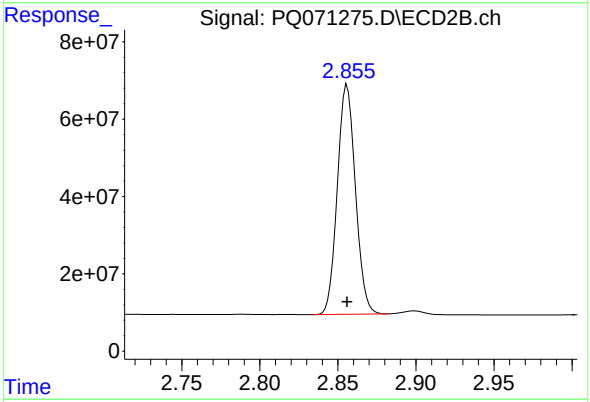




#1 Tetrachloro-m-xylene

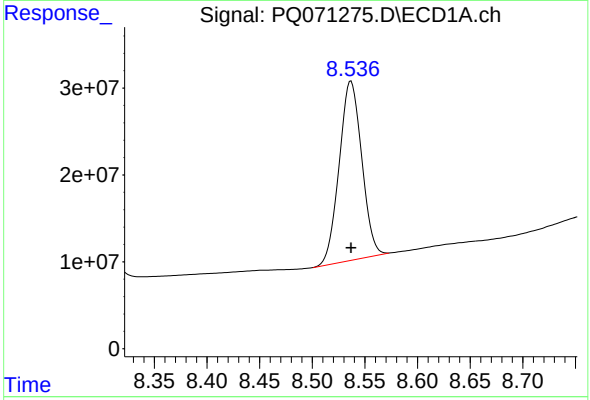
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 444998766
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



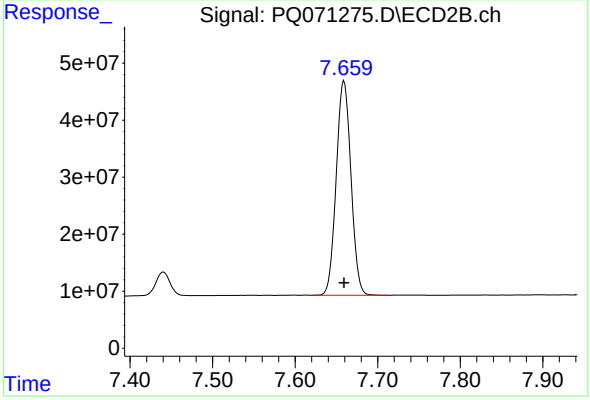
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 478650828
Conc: 50.00 ng/ml



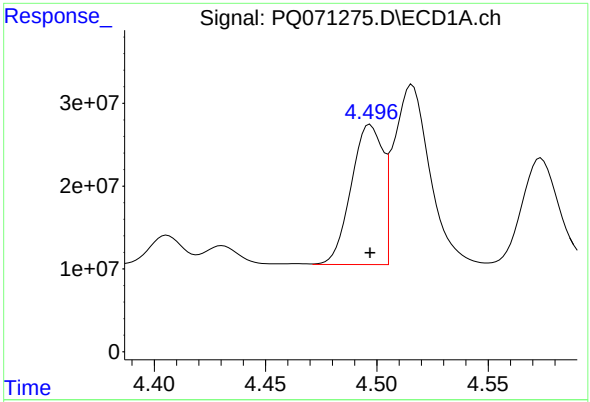
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 307929938
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

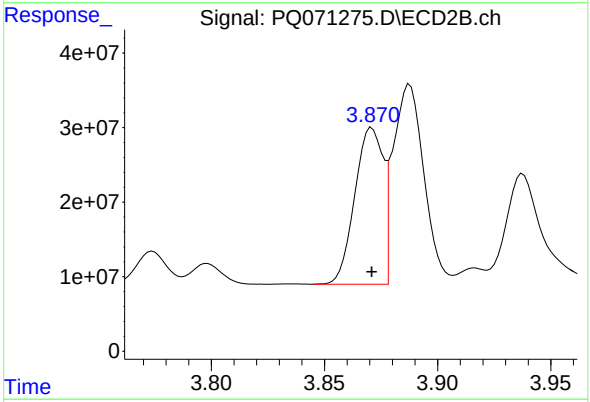
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 466714321
Conc: 50.00 ng/ml



#3 AR-1016-1

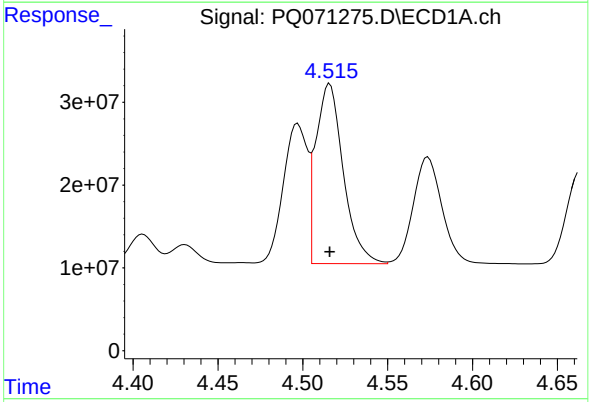
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 167480210
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



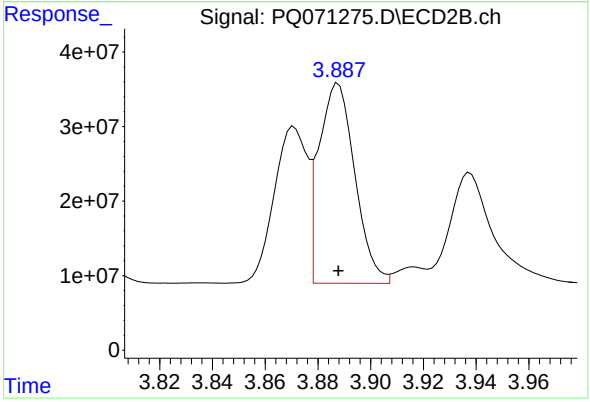
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 182611791
Conc: 500.00 ng/ml



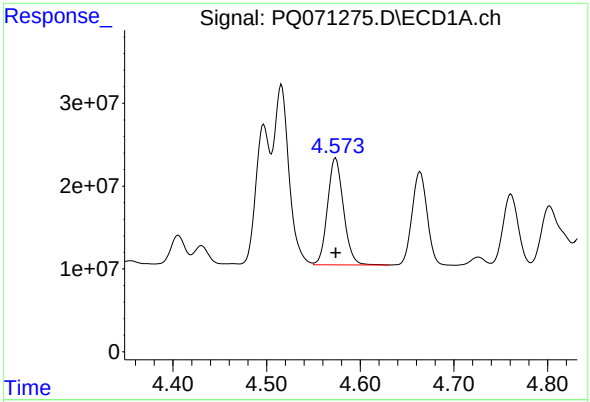
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 244108499
Conc: 500.00 ng/ml



#4 AR-1016-2

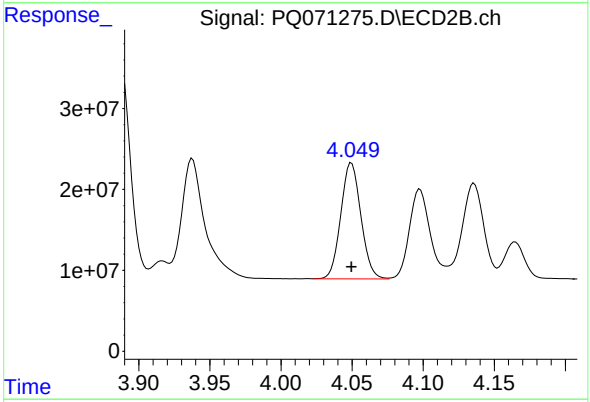
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 254493140
Conc: 500.00 ng/ml



#5 AR-1016-3

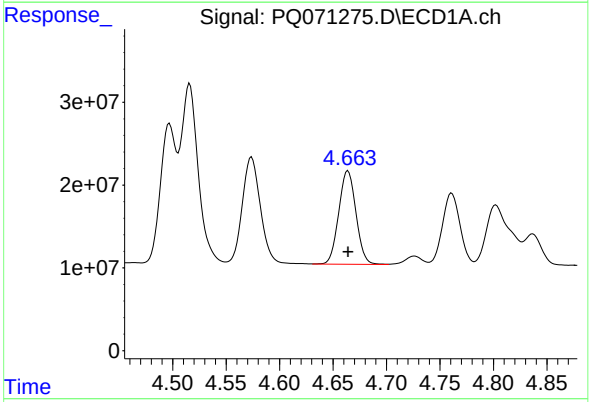
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 152813258
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



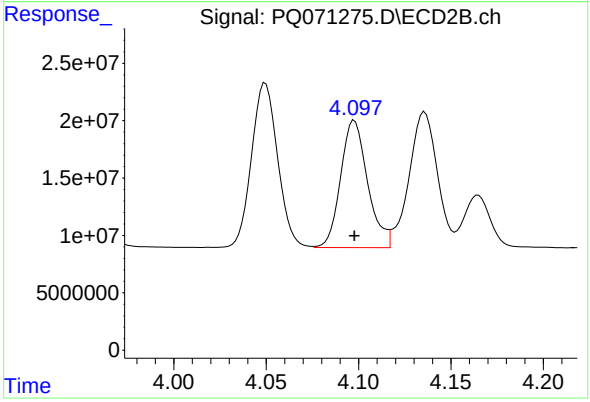
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 141198711
Conc: 500.00 ng/ml



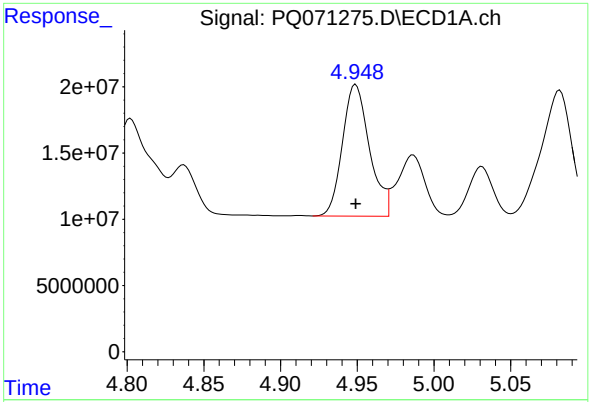
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 126734012
Conc: 500.00 ng/ml



#6 AR-1016-4

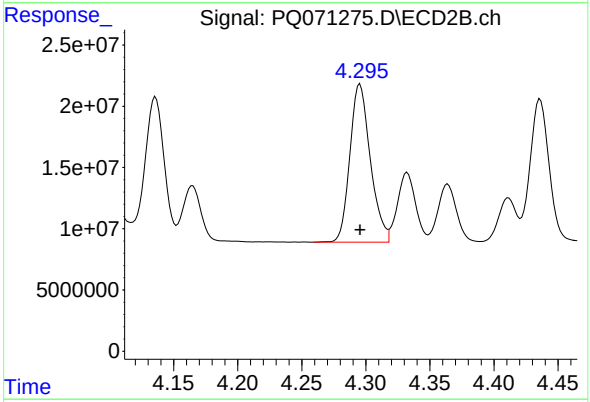
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 112894266
Conc: 500.00 ng/ml



#7 AR-1016-5

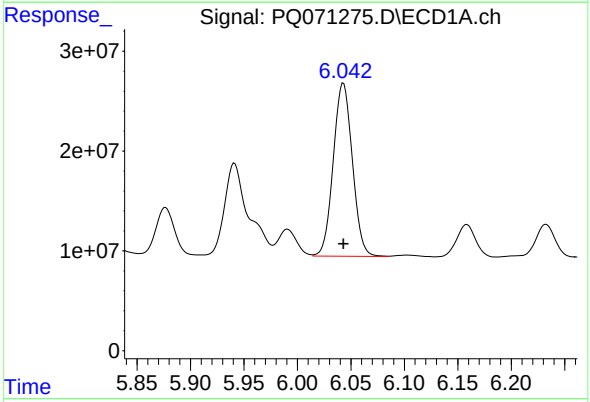
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 122389168
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



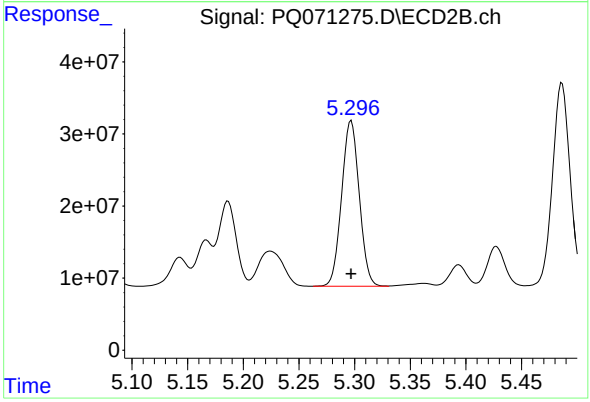
#7 AR-1016-5

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 143563098
Conc: 500.00 ng/ml



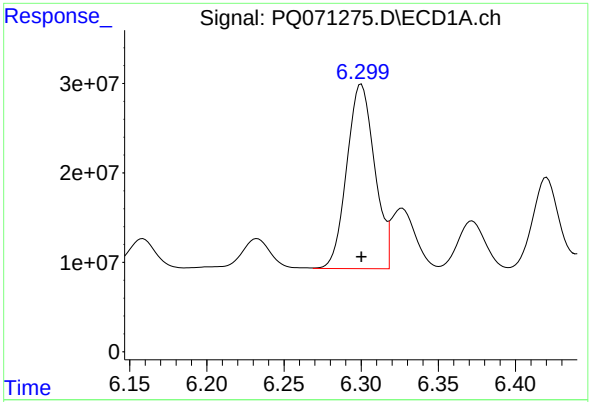
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 215765380
Conc: 500.00 ng/ml



#31 AR-1260-1

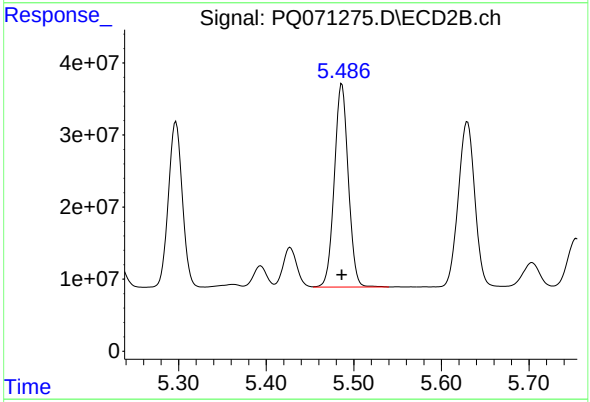
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 253279454
Conc: 500.00 ng/ml



#32 AR-1260-2

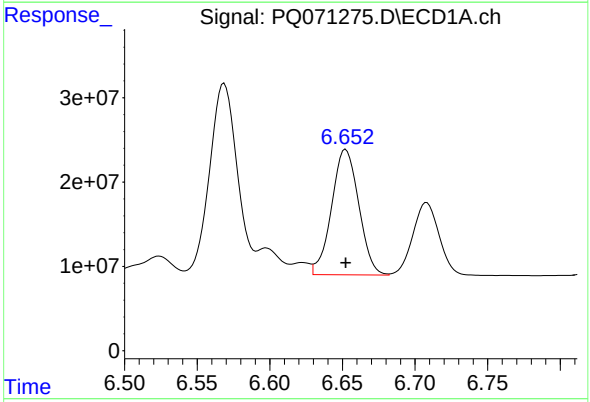
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 259001863
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



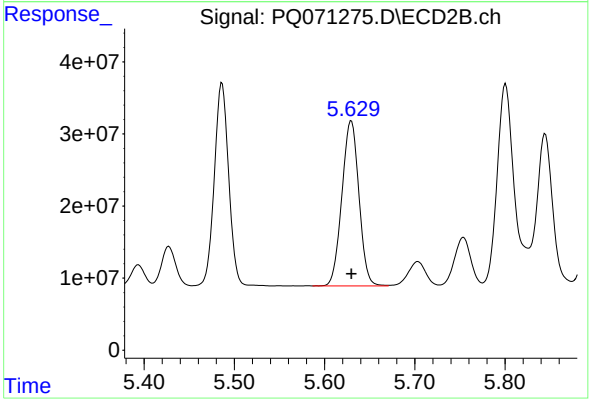
#32 AR-1260-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 312267438
Conc: 500.00 ng/ml



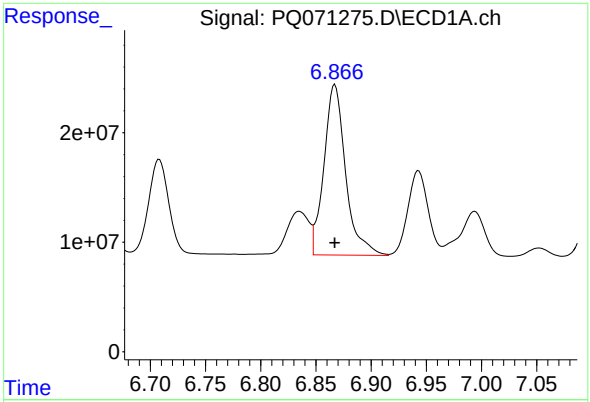
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 193976789
Conc: 500.00 ng/ml



#33 AR-1260-3

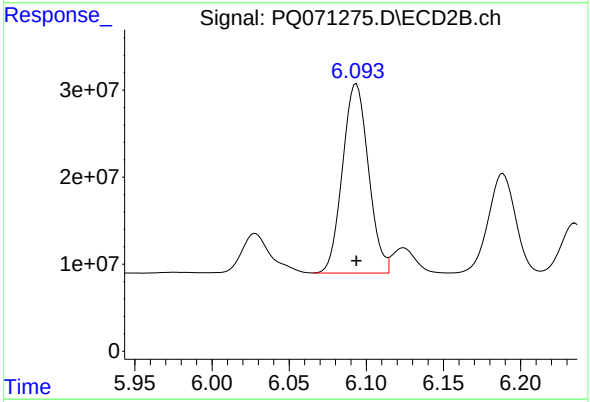
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 300399811
Conc: 500.00 ng/ml



#34 AR-1260-4

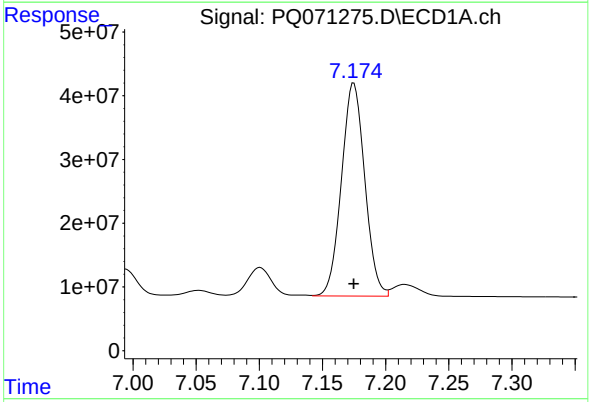
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 213061876
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



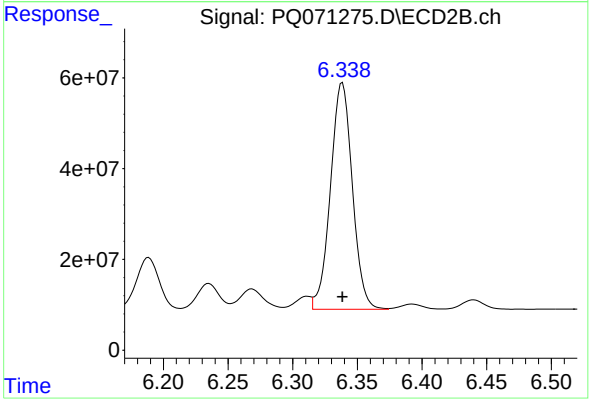
#34 AR-1260-4

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 254558072
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 428680274
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 589086401
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:57
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 104 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:25:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.411	2.857	239.7E6	258.3E6	26.710	26.812
2)	SA Decachlor...	8.538	7.659	174.7E6	254.1E6	27.372	27.223
	Target Compounds						
3)	L1 AR-1016-1	4.497	3.872	92693922	99963588	276.234	275.018
4)	L1 AR-1016-2	4.516	3.888	133.1E6	139.6E6	271.702	274.364
5)	L1 AR-1016-3	4.574	4.050	83348798	78102630	274.014	275.847
6)	L1 AR-1016-4	4.664	4.098	68567544	62285281	271.612	276.501
7)	L1 AR-1016-5	4.949	4.296	66720407	78911541	272.443	276.004
31)	L7 AR-1260-1	6.044	5.297	117.7E6	138.4E6	272.514	272.764
32)	L7 AR-1260-2	6.300	5.486	141.4E6	169.9E6	272.368	272.347
33)	L7 AR-1260-3	6.653	5.629	105.2E6	165.6E6	270.654	273.798
34)	L7 AR-1260-4	6.867	6.094	115.0E6	138.1E6	269.720	271.103
35)	L7 AR-1260-5	7.175	6.338	227.2E6	315.7E6	264.863	267.517

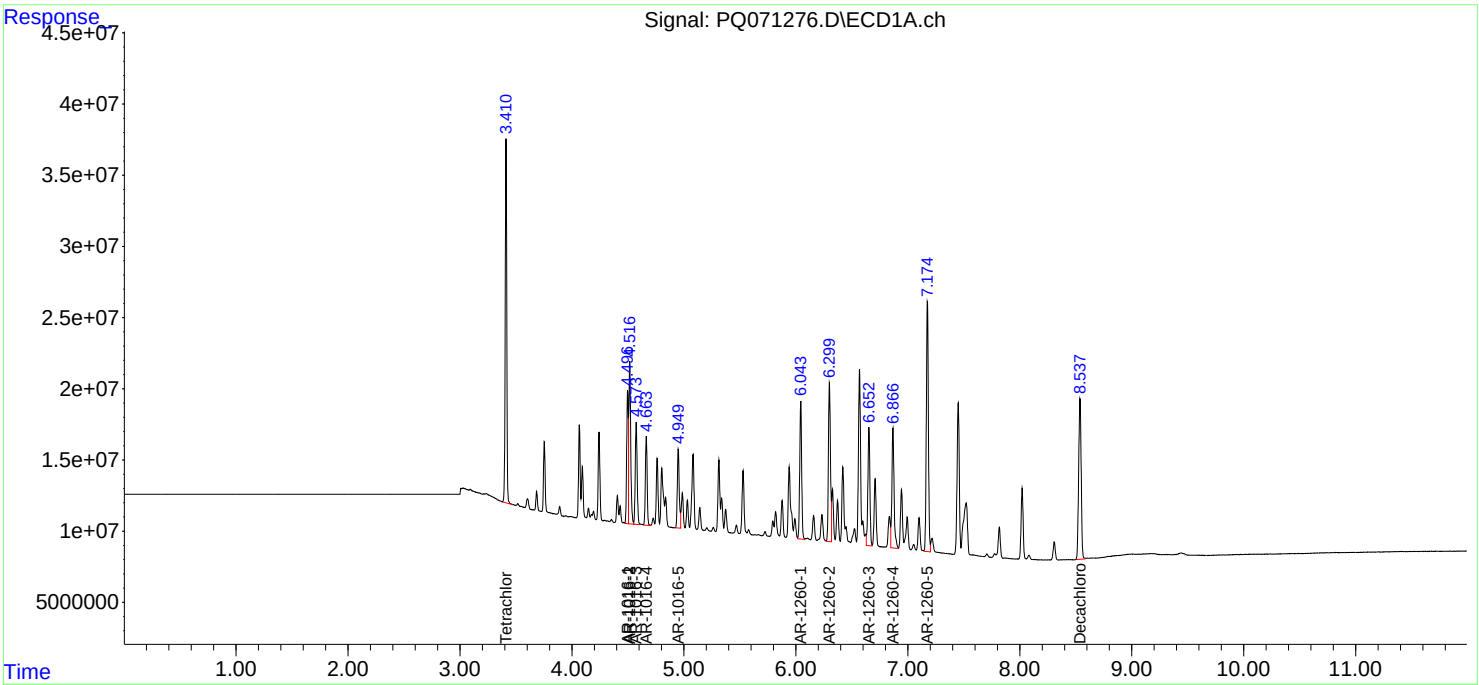
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

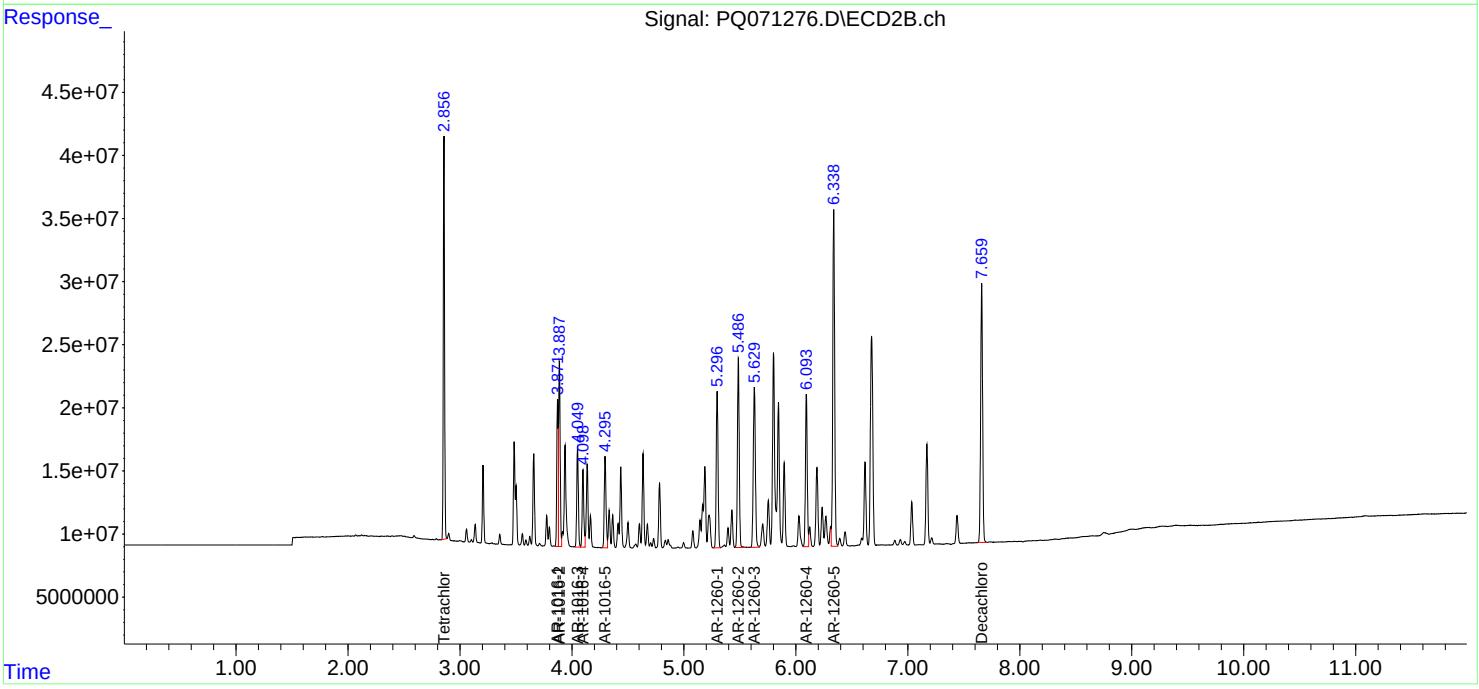
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:57
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 104 Sample Multiplier: 1

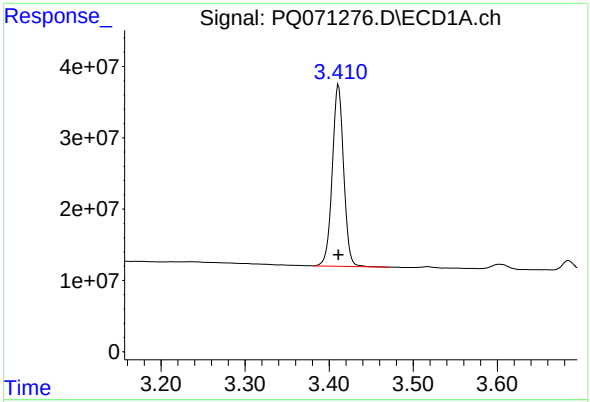
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:25:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



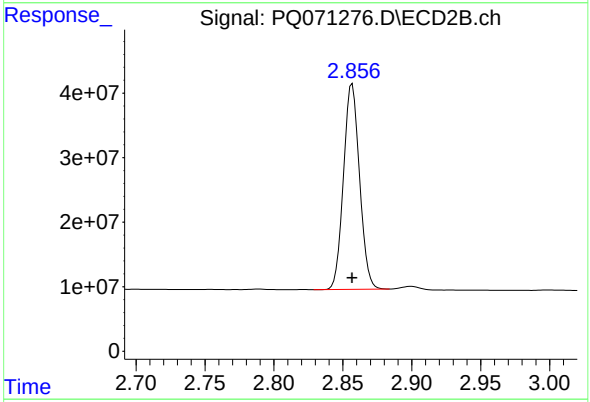




#1 Tetrachloro-m-xylene

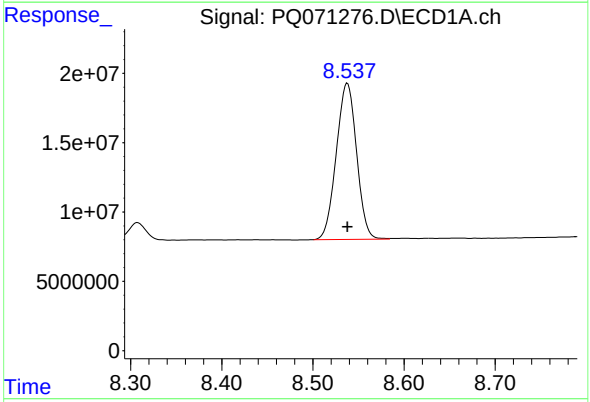
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 239662915
Conc: 26.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



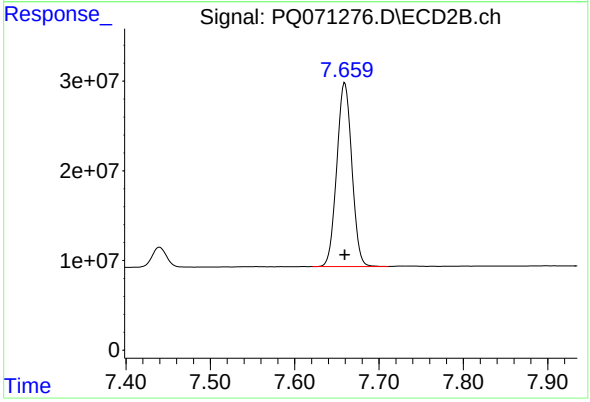
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 258266397
Conc: 26.81 ng/ml



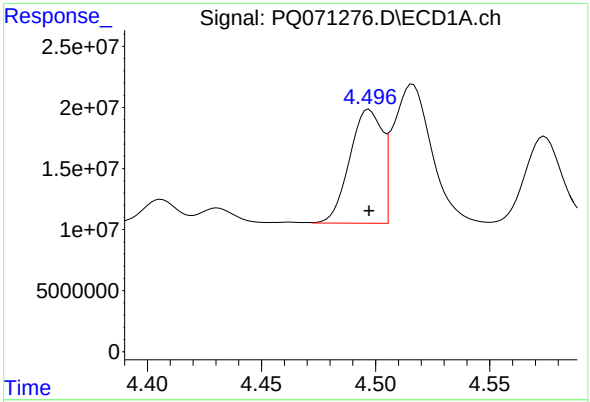
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 174696231
Conc: 27.37 ng/ml



#2 Decachlorobiphenyl

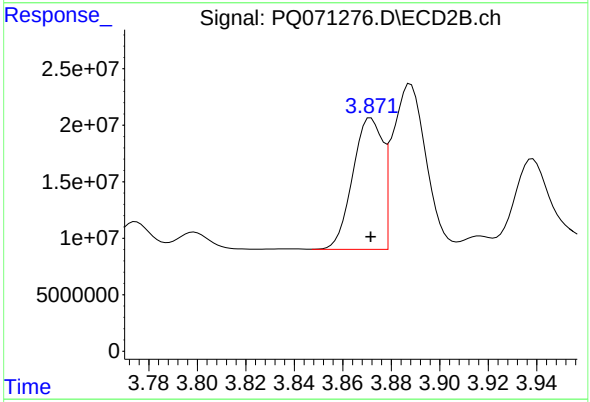
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 254084803
Conc: 27.22 ng/ml



#3 AR-1016-1

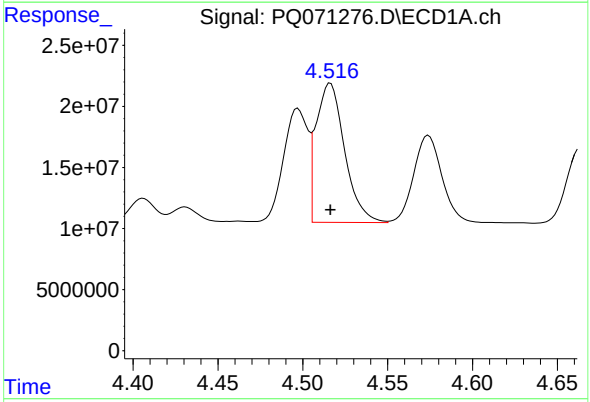
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 92693922
Conc: 276.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



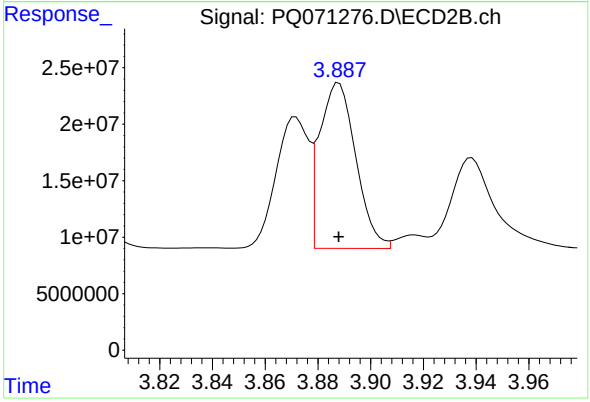
#3 AR-1016-1

R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 99963588
Conc: 275.02 ng/ml



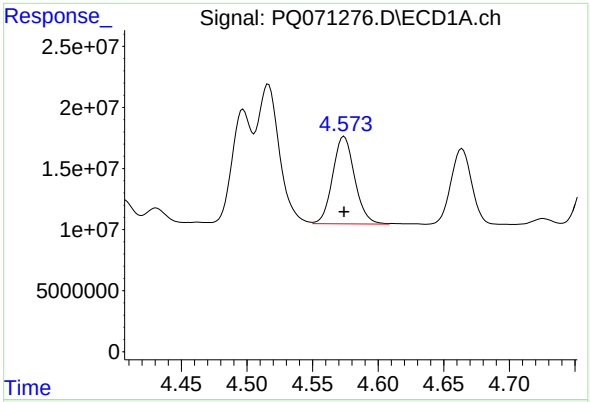
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 133071102
Conc: 271.70 ng/ml



#4 AR-1016-2

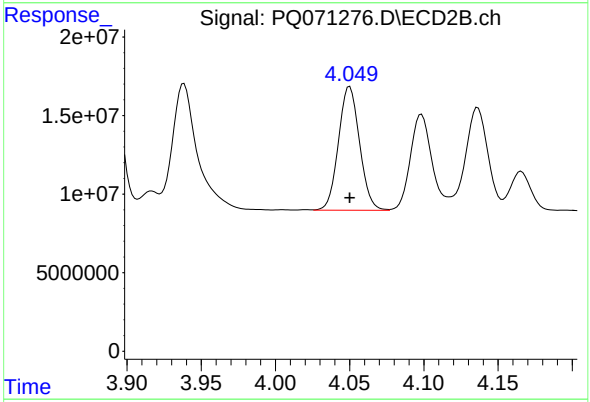
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 139646870
Conc: 274.36 ng/ml



#5 AR-1016-3

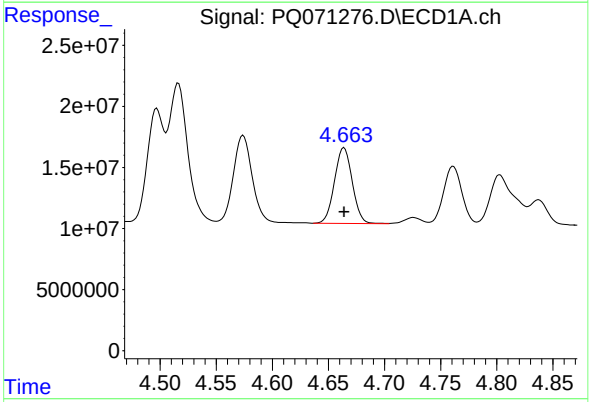
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 83348798
Conc: 274.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



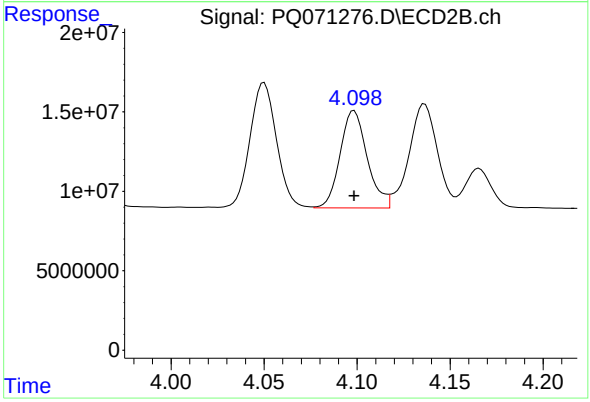
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 78102630
Conc: 275.85 ng/ml



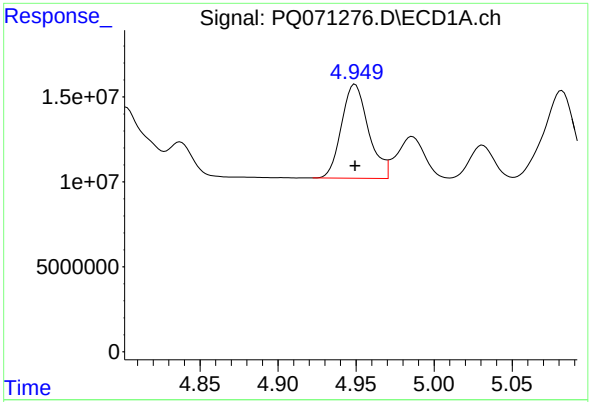
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 68567544
Conc: 271.61 ng/ml



#6 AR-1016-4

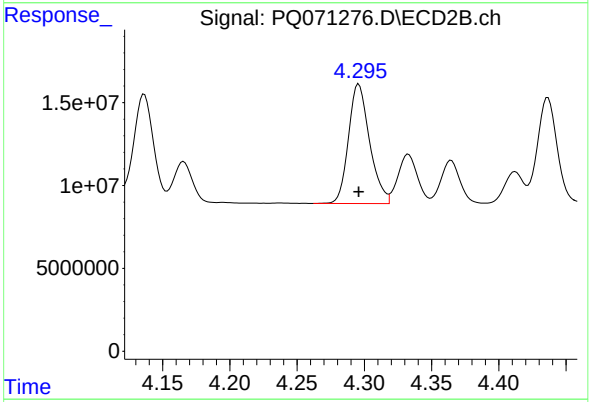
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 62285281
Conc: 276.50 ng/ml



#7 AR-1016-5

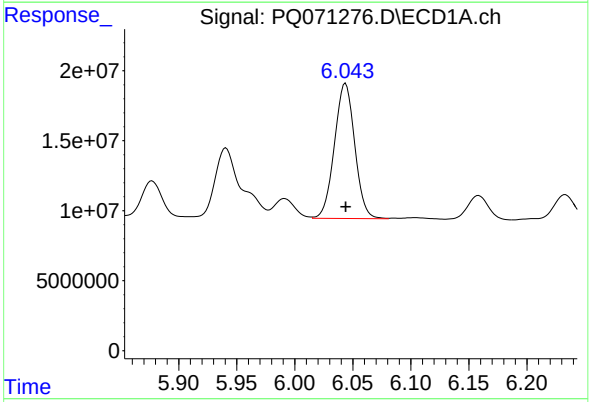
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 66720407
Conc: 272.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



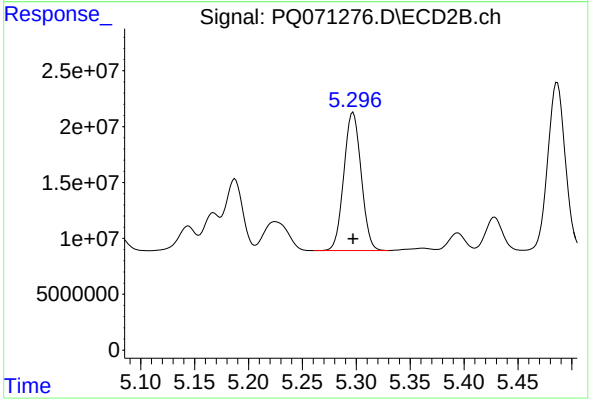
#7 AR-1016-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 78911541
Conc: 276.00 ng/ml



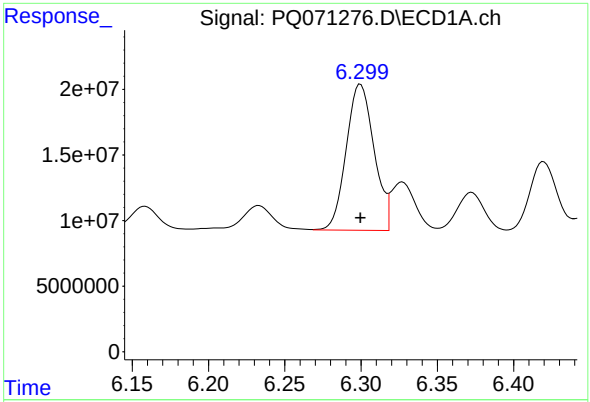
#31 AR-1260-1

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 117743293
Conc: 272.51 ng/ml



#31 AR-1260-1

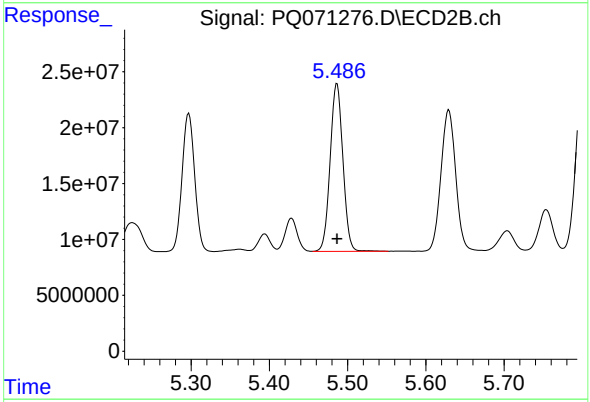
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 138440204
Conc: 272.76 ng/ml



#32 AR-1260-2

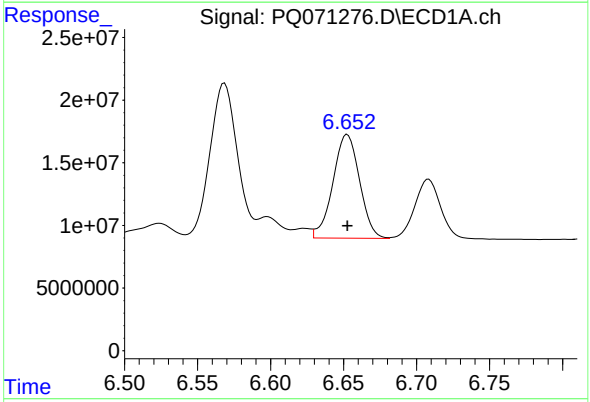
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 141383517
Conc: 272.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



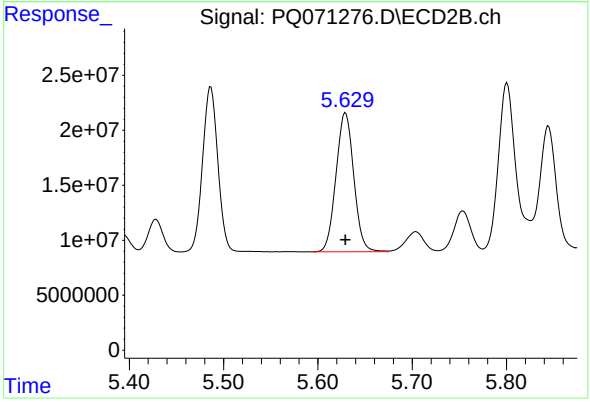
#32 AR-1260-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 169852625
Conc: 272.35 ng/ml



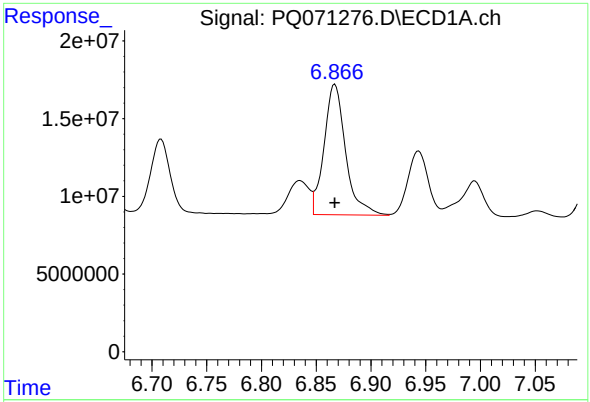
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 105169102
Conc: 270.65 ng/ml



#33 AR-1260-3

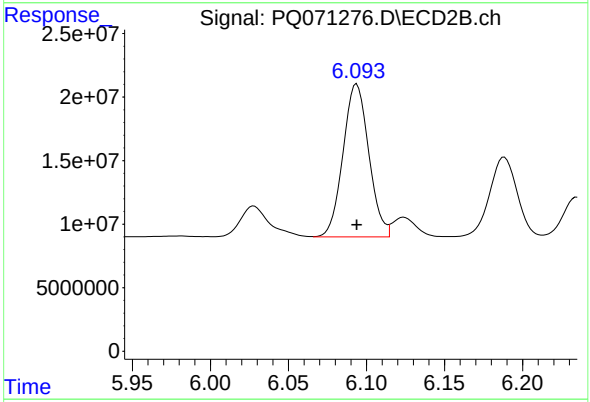
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 165622377
Conc: 273.80 ng/ml



#34 AR-1260-4

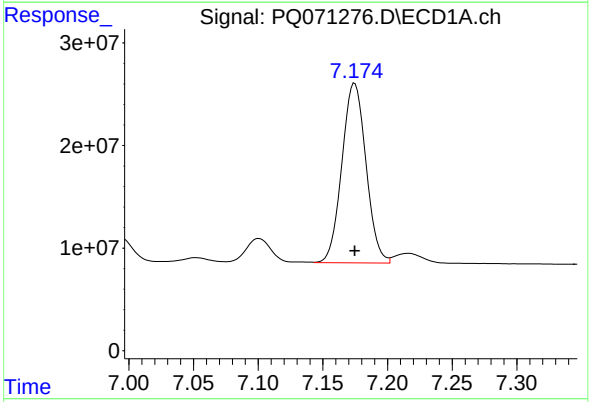
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 115017574
Conc: 269.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



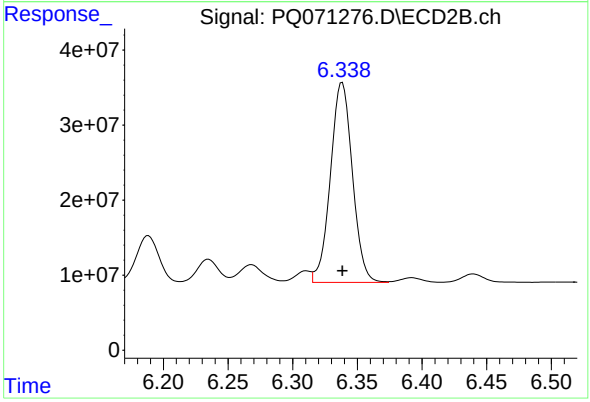
#34 AR-1260-4

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 138118049
Conc: 271.10 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 227177496
Conc: 264.86 ng/ml



#35 AR-1260-5

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 315731197
Conc: 267.52 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 15:42
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 105 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 16:11:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 16:10:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.426	2.856	38175578	40768474	4.385	4.366
2)	SA Decachlor...	8.562	7.666	28891039	41770626	4.614	4.585m
	Target Compounds						
3)	L1 AR-1016-1	4.515	3.871	15524796	17834748	46.967	50.657m
4)	L1 AR-1016-2	4.533	3.888	20951184	20998840	44.050	42.478m
5)	L1 AR-1016-3	4.591	4.050	13779233	12870547	46.168	46.435m
6)	L1 AR-1016-4	4.681	4.099	10897408	11009546	44.380	49.734m
7)	L1 AR-1016-5	4.967	4.296	10124414	12460653	42.825	44.336m
31)	L7 AR-1260-1	6.061	5.299	25461768	23222474	56.898	46.468m
32)	L7 AR-1260-2	6.318	5.488	23910592	26861576	47.197m	44.180m
33)	L7 AR-1260-3	6.671	5.631	17968577	26814628	46.948	45.219m
34)	L7 AR-1260-4	6.886	6.096	19249539	21951198	46.036	44.373m
35)	L7 AR-1260-5	7.194	6.341	36515910	51026002	43.877	44.470m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 15:42
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 105 Sample Multiplier: 1

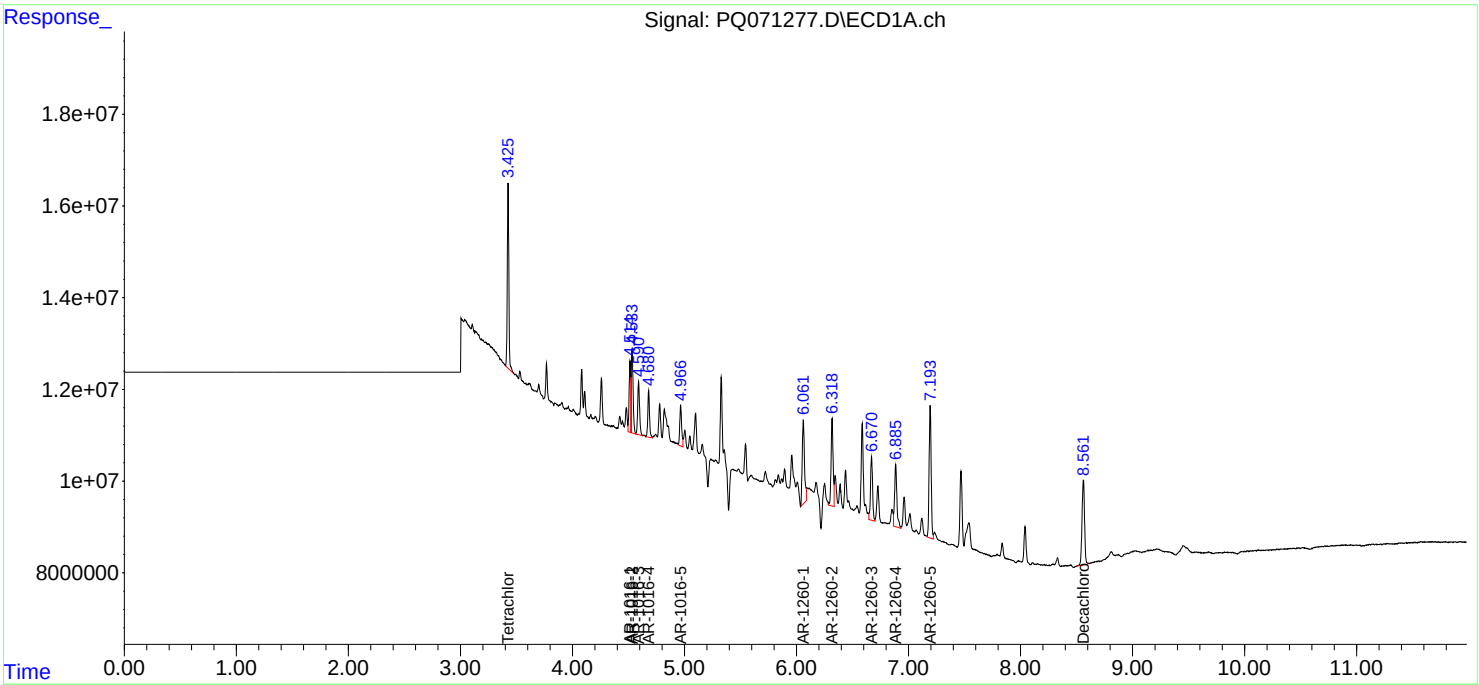
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

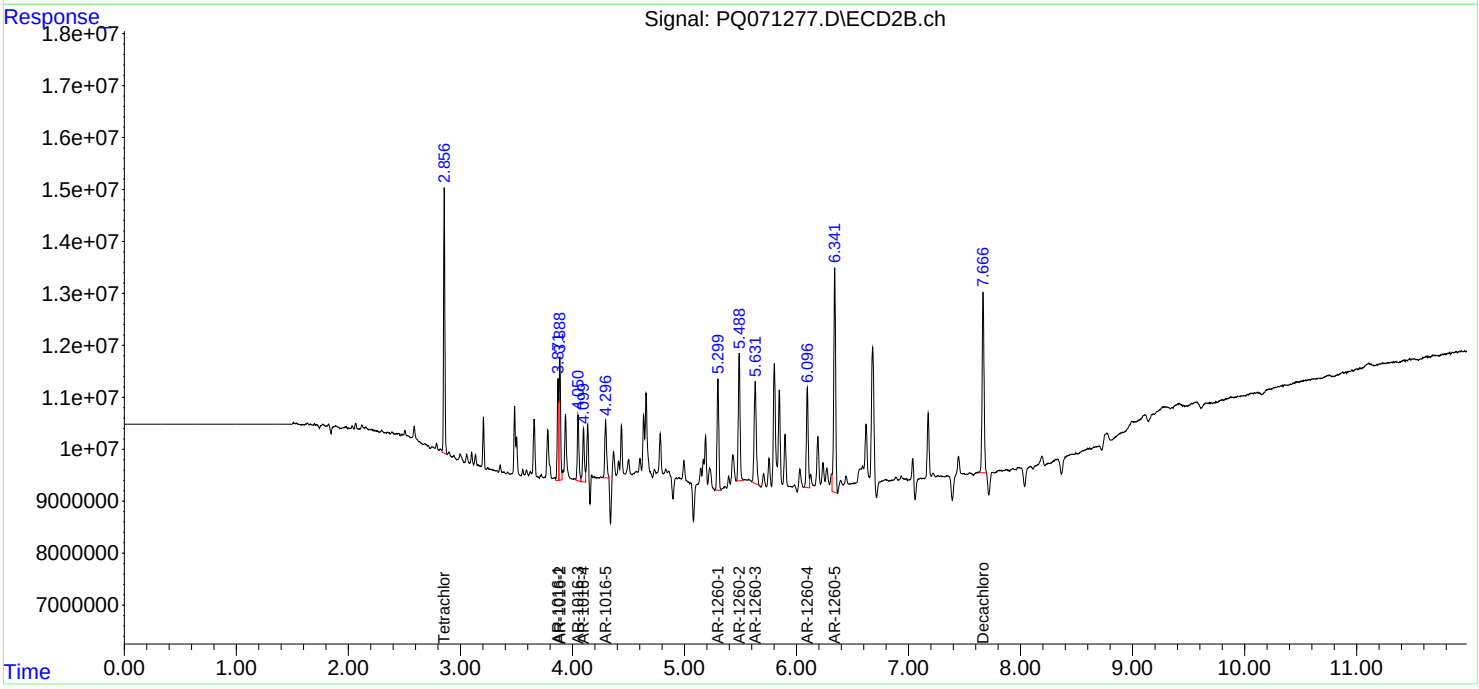
Manual Integrations APPROVED

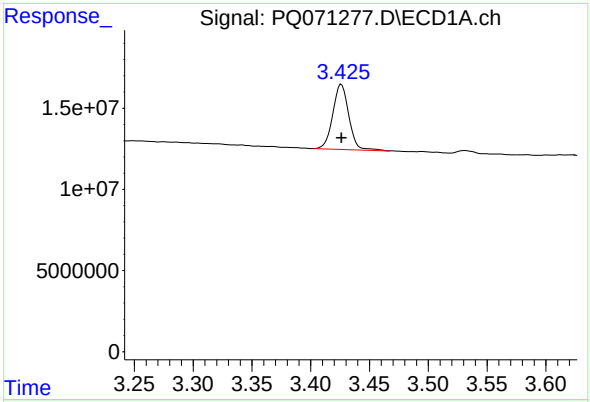
Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 16:11:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 16:10:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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







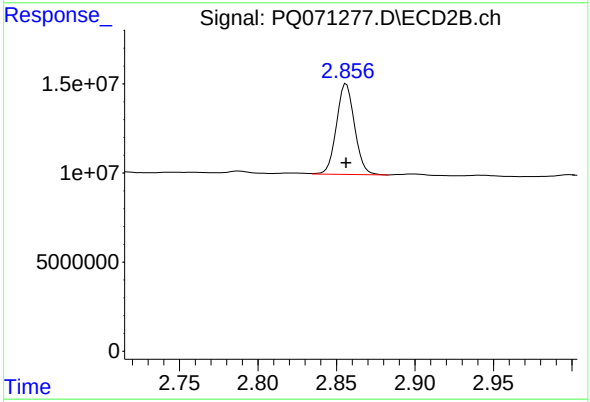
#1 Tetrachloro-m-xylene

R.T.: 3.426 min
Delta R.T.: 0.000 min
Response: 38175578
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

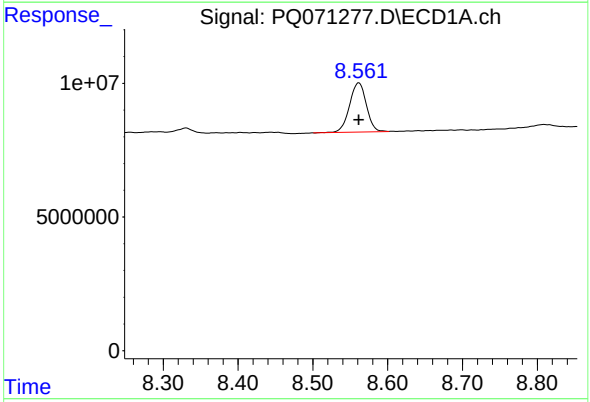
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



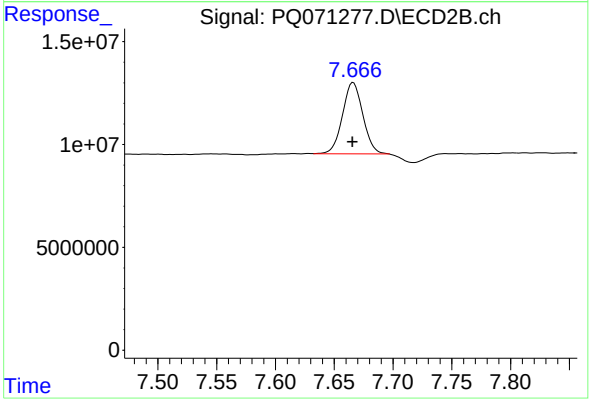
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 40768474
Conc: 4.37 ng/ml



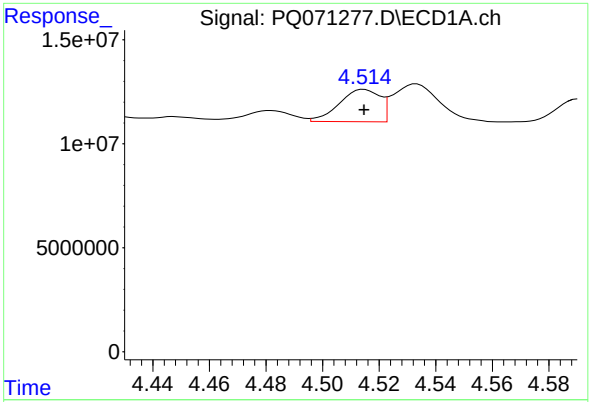
#2 Decachlorobiphenyl

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 28891039
Conc: 4.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 41770626
Conc: 4.58 ng/ml m



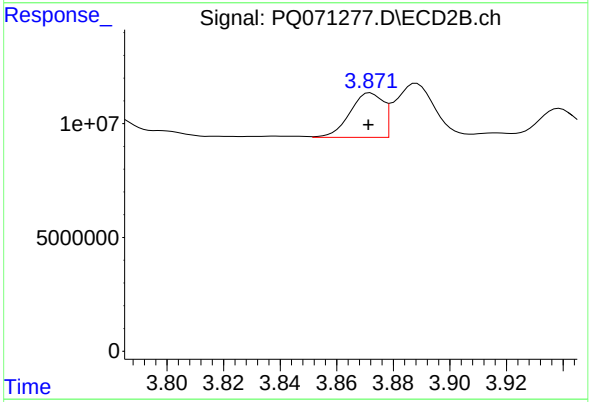
#3 AR-1016-1

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 15524796
Conc: 46.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

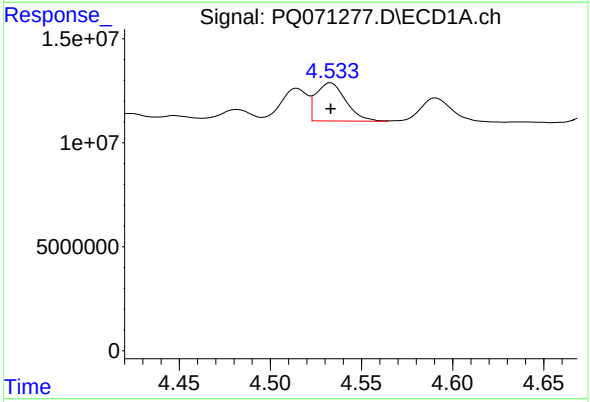
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



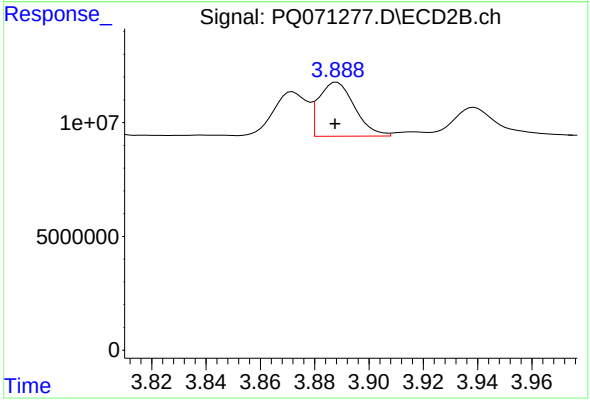
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 17834748
Conc: 50.66 ng/ml m



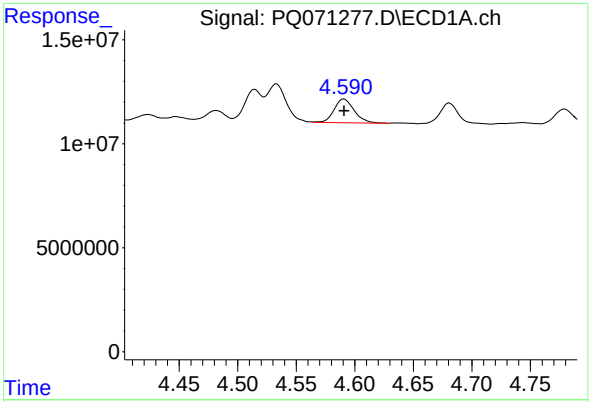
#4 AR-1016-2

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 20951184
Conc: 44.05 ng/ml



#4 AR-1016-2

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 20998840
Conc: 42.48 ng/ml m



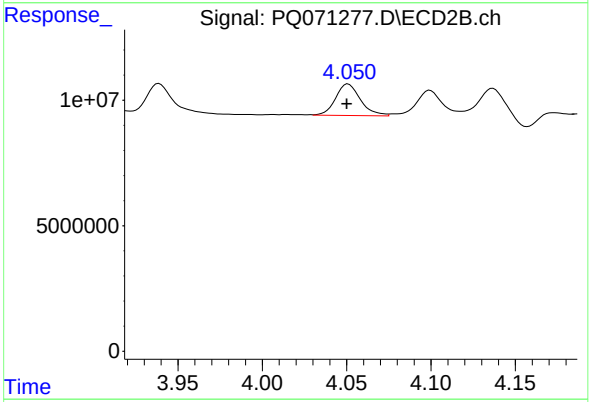
#5 AR-1016-3

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 13779233
Conc: 46.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

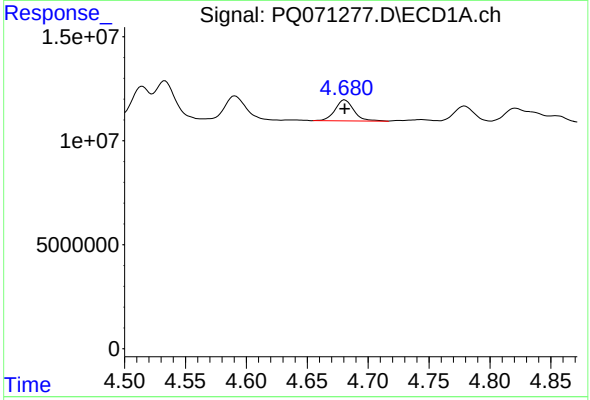
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



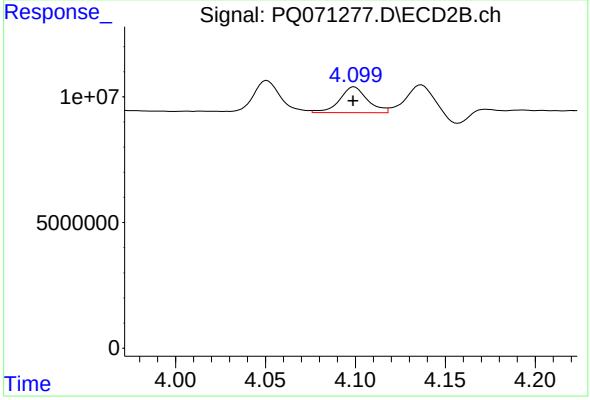
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 12870547
Conc: 46.44 ng/ml m



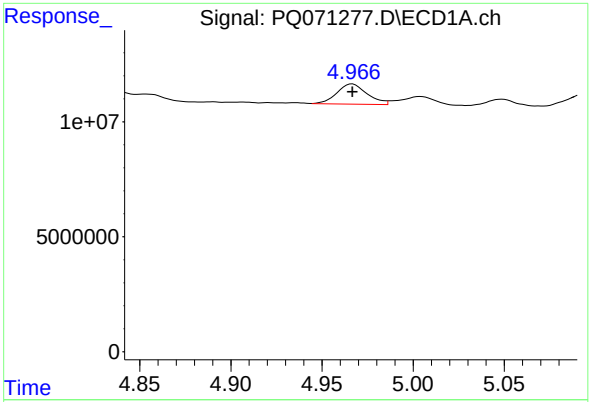
#6 AR-1016-4

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 10897408
Conc: 44.38 ng/ml



#6 AR-1016-4

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 11009546
Conc: 49.73 ng/ml m



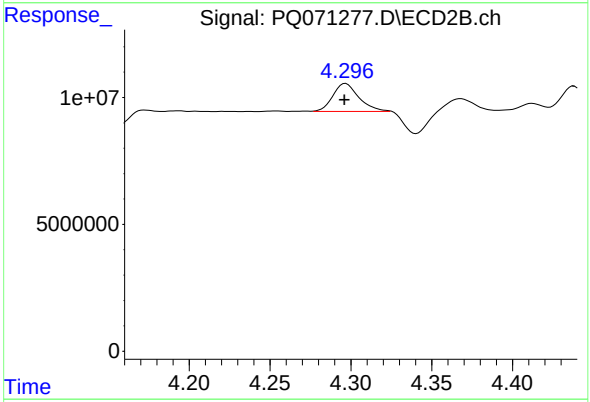
#7 AR-1016-5

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 10124414
Conc: 42.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

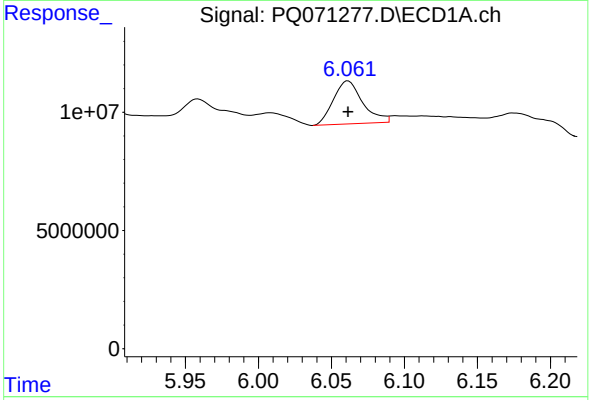
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



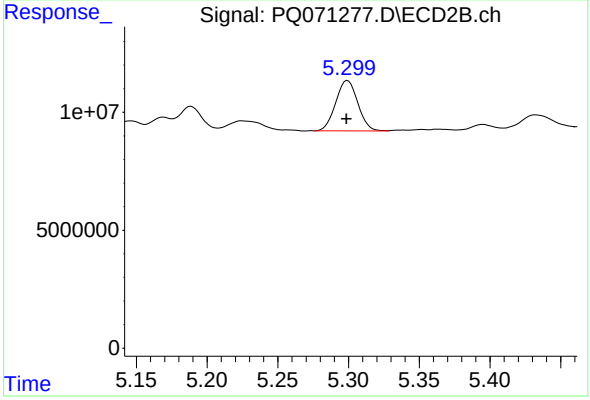
#7 AR-1016-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 12460653
Conc: 44.34 ng/ml m



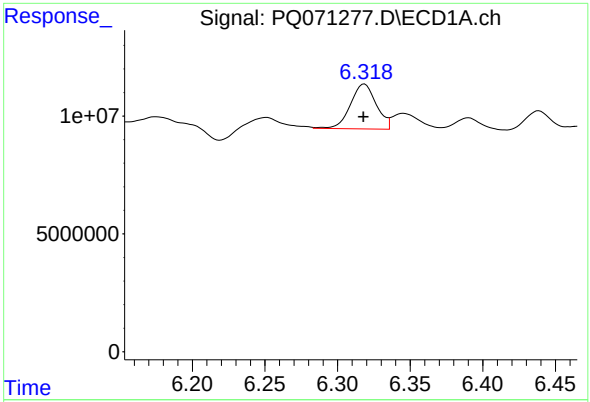
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 25461768
Conc: 56.90 ng/ml



#31 AR-1260-1

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 23222474
Conc: 46.47 ng/ml m



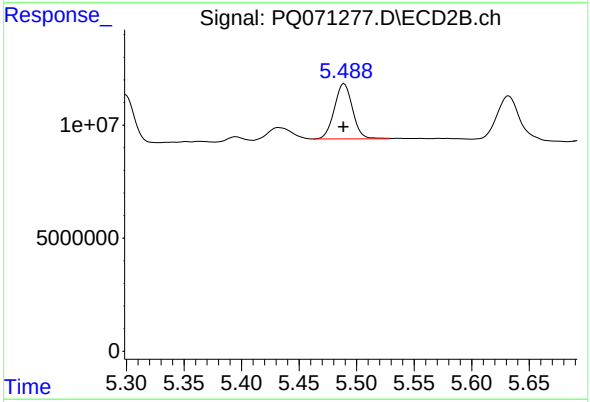
#32 AR-1260-2

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 23910592
Conc: 47.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

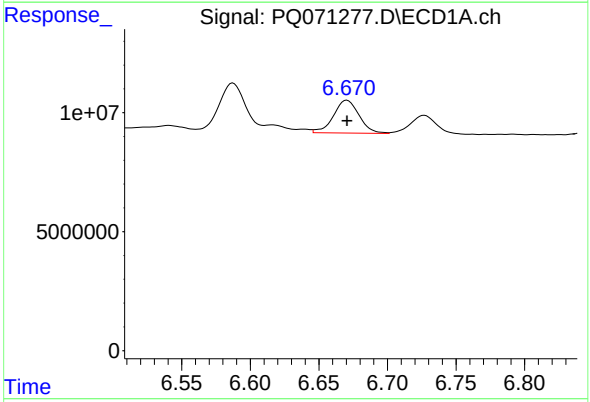
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



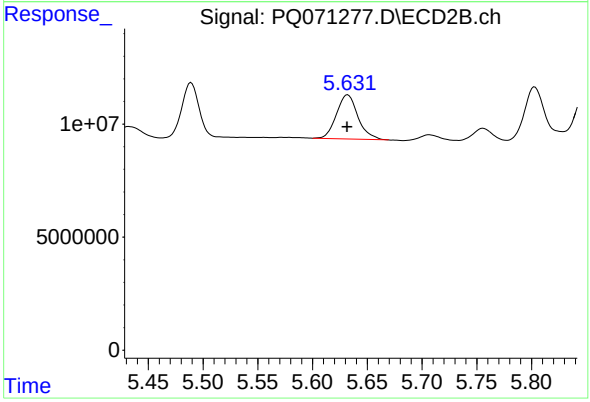
#32 AR-1260-2

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 26861576
Conc: 44.18 ng/ml m



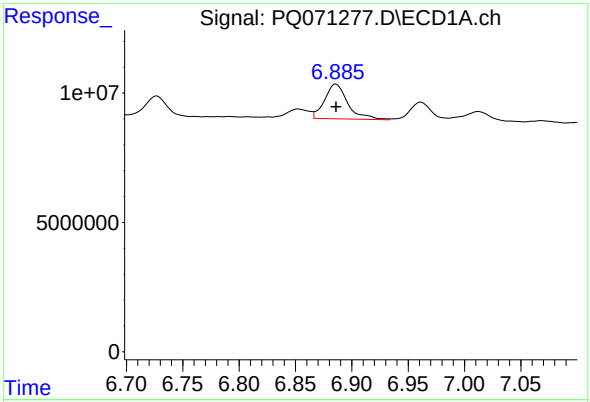
#33 AR-1260-3

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 17968577
Conc: 46.95 ng/ml



#33 AR-1260-3

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 26814628
Conc: 45.22 ng/ml m



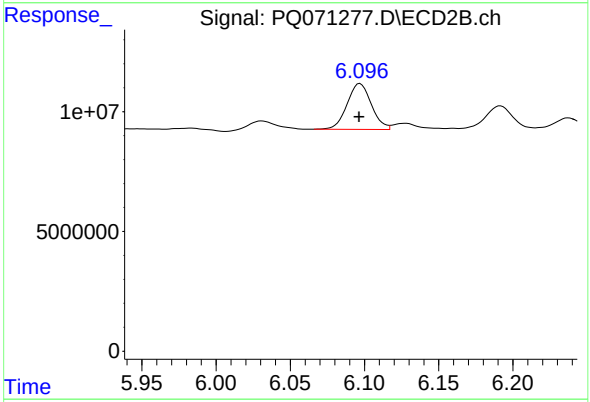
#34 AR-1260-4

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 19249539
Conc: 46.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

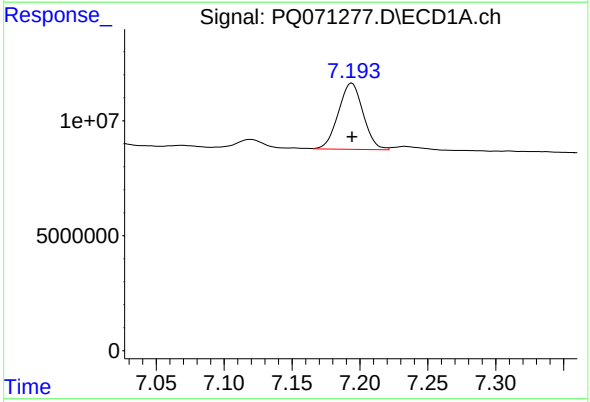
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



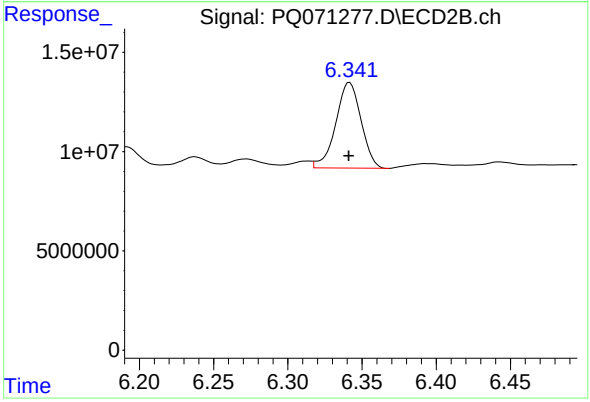
#34 AR-1260-4

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 21951198
Conc: 44.37 ng/ml m



#35 AR-1260-5

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 36515910
Conc: 43.88 ng/ml



#35 AR-1260-5

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 51026002
Conc: 44.47 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:25
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 106 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:05:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:04:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.427	2.855	409.8E6	431.9E6	50.000	50.000
2)	SA Decachlor...	8.562	7.665	283.1E6	411.0E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.624	3.058	54243508	57460898	500.000	500.000
9)	L2 AR-1221-2	3.702	3.136	39664967	42649518	500.000	500.000
10)	L2 AR-1221-3	3.770	3.206	121.8E6	129.3E6	500.000	500.000

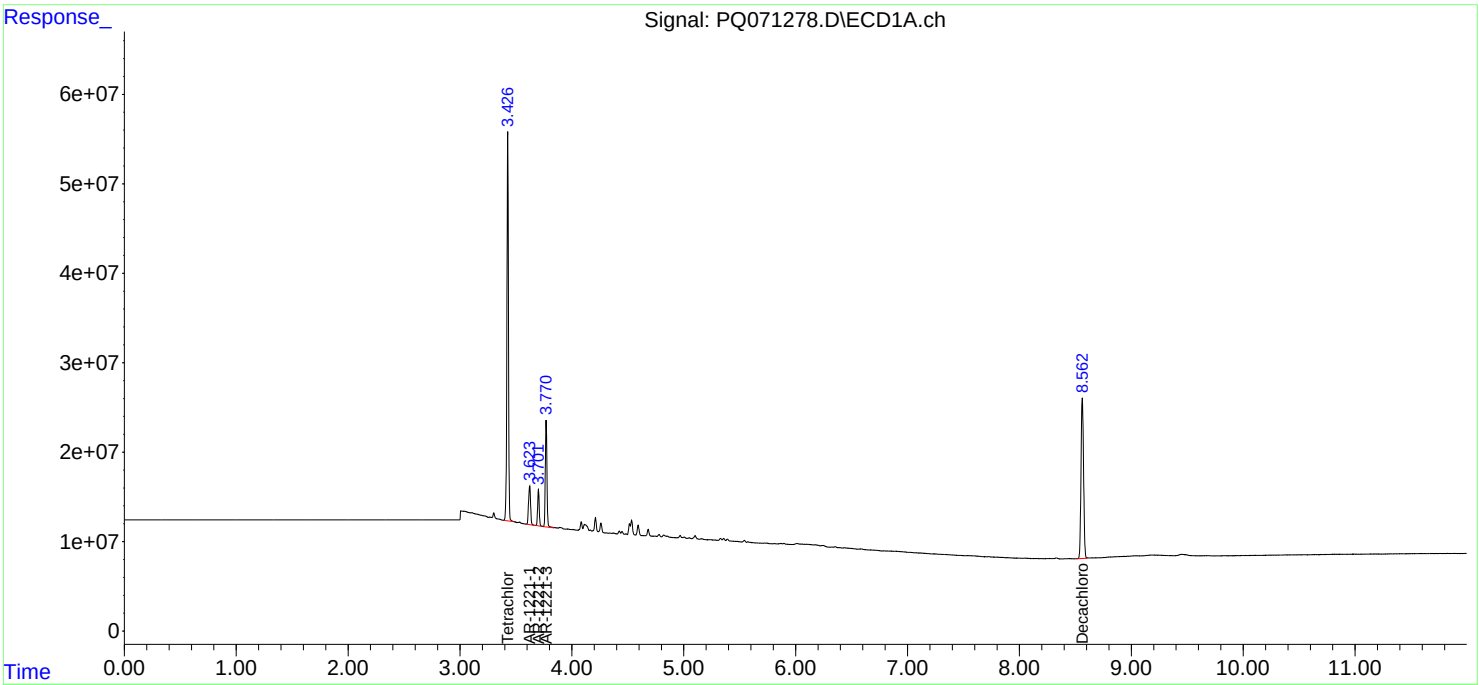
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

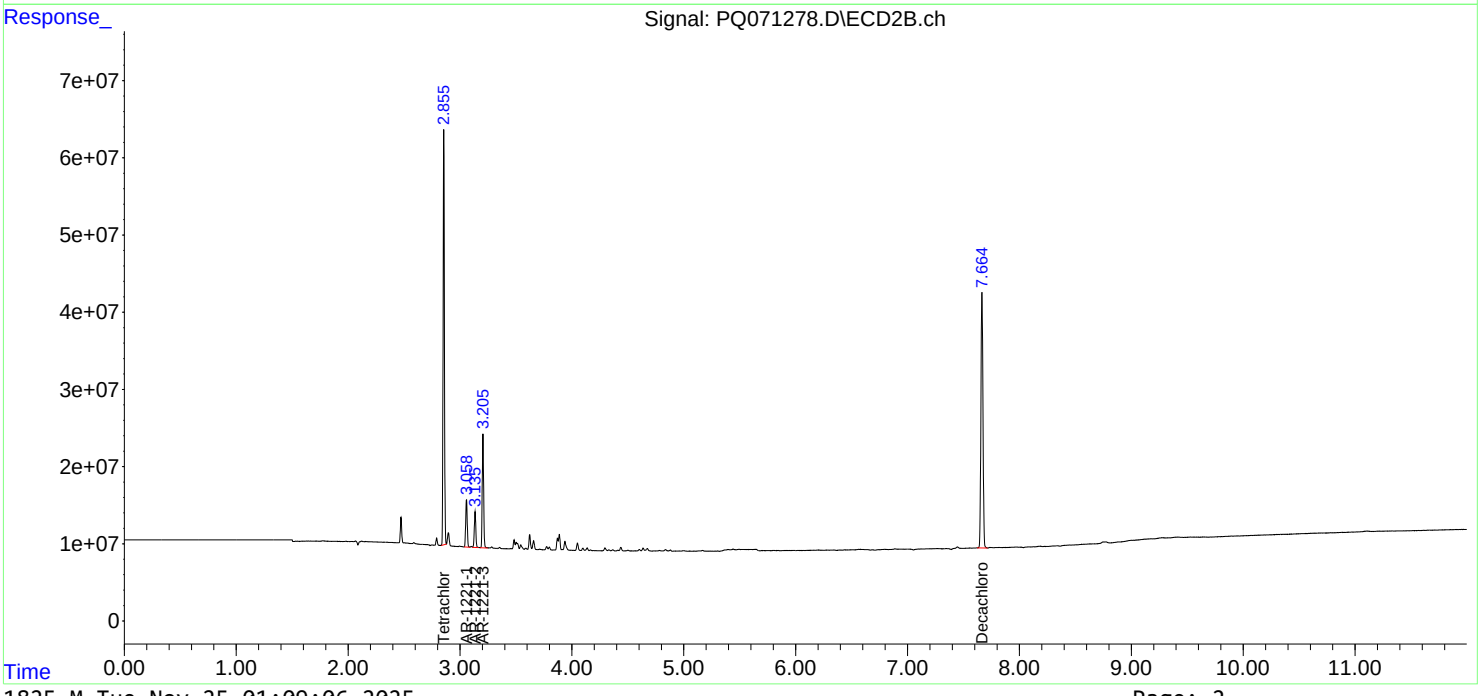
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:25
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 106 Sample Multiplier: 1

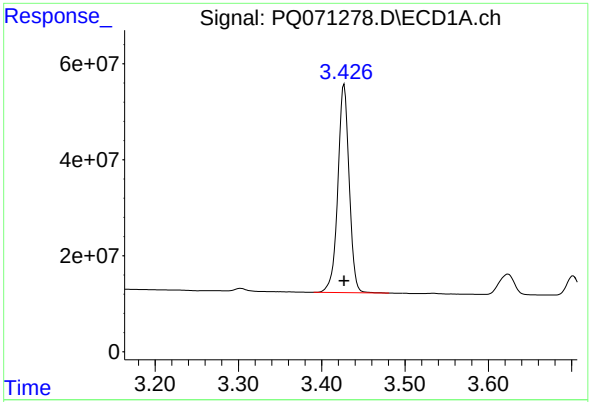
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:05:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:04:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



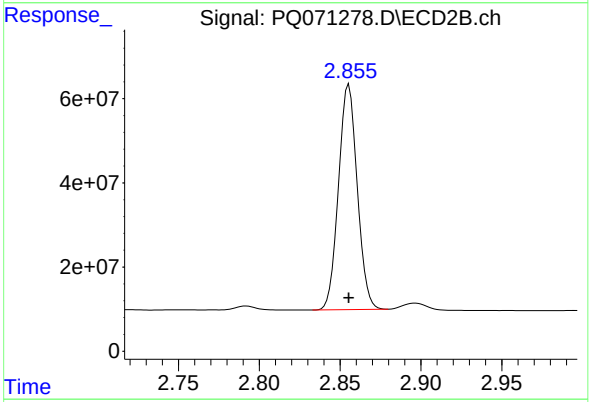




#1 Tetrachloro-m-xylene

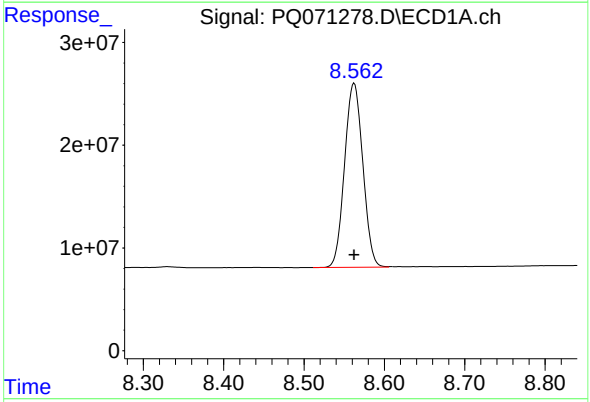
R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 409791532
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



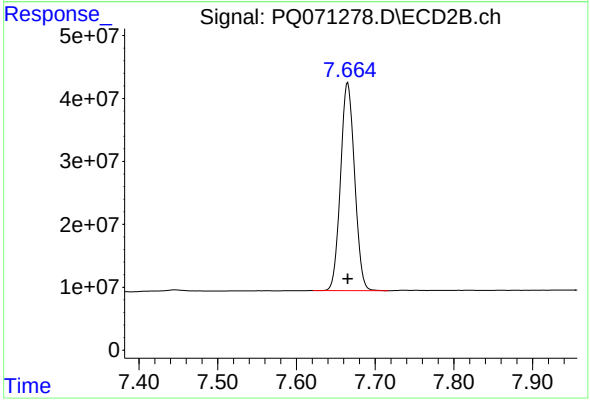
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.000 min
Response: 431878756
Conc: 50.00 ng/ml



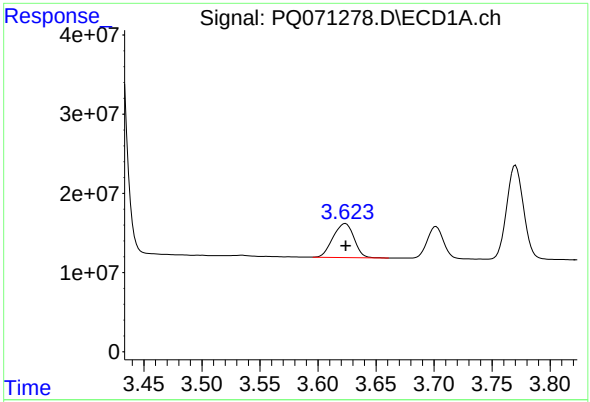
#2 Decachlorobiphenyl

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 283076384
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

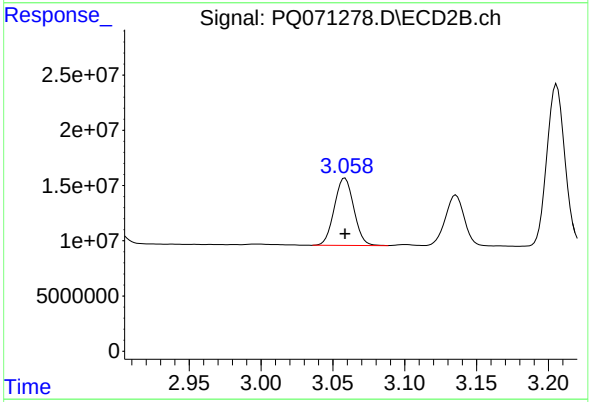
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 411039100
Conc: 50.00 ng/ml



#8 AR-1221-1

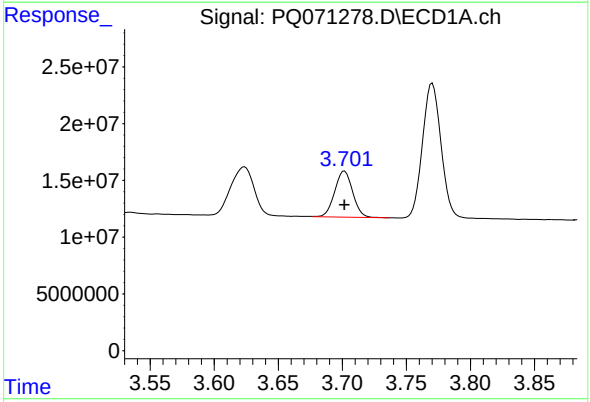
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 54243508
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



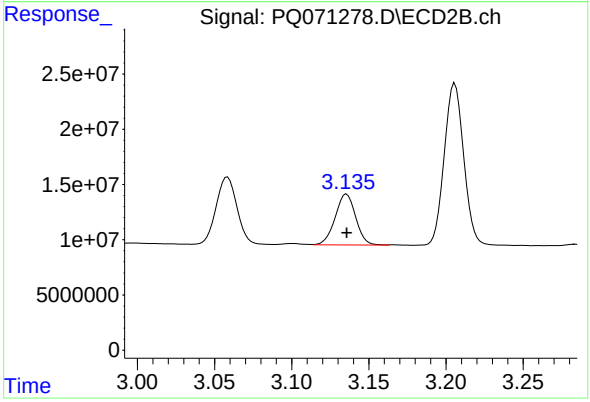
#8 AR-1221-1

R.T.: 3.058 min
Delta R.T.: 0.000 min
Response: 57460898
Conc: 500.00 ng/ml



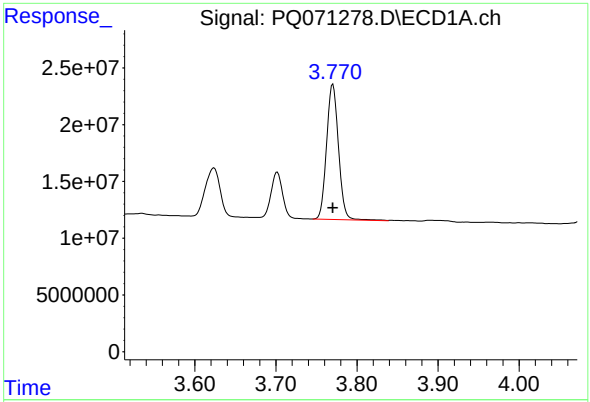
#9 AR-1221-2

R.T.: 3.702 min
Delta R.T.: 0.000 min
Response: 39664967
Conc: 500.00 ng/ml



#9 AR-1221-2

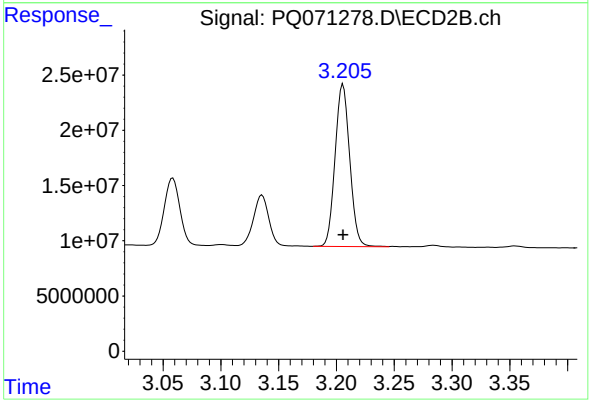
R.T.: 3.136 min
Delta R.T.: 0.000 min
Response: 42649518
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 121807837
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 3.206 min
Delta R.T.: 0.000 min
Response: 129275088
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:18:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:18:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.413	2.856	427.7E6	460.1E6	50.000	50.000
2)	SA Decachlor...	8.542	7.661	300.0E6	442.7E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	3.755	3.206	98692856	106.0E6	500.000	500.000
12)	L3 AR-1232-2	4.244	3.887	51232788	108.3E6	500.000	500.000
13)	L3 AR-1232-3	4.519	4.050	103.6E6	59441504	500.000	500.000
14)	L3 AR-1232-4	4.667	4.136	51916319	46947656	500.000	500.000
15)	L3 AR-1232-5	4.805	4.296	42236479	54036755	500.000	500.000

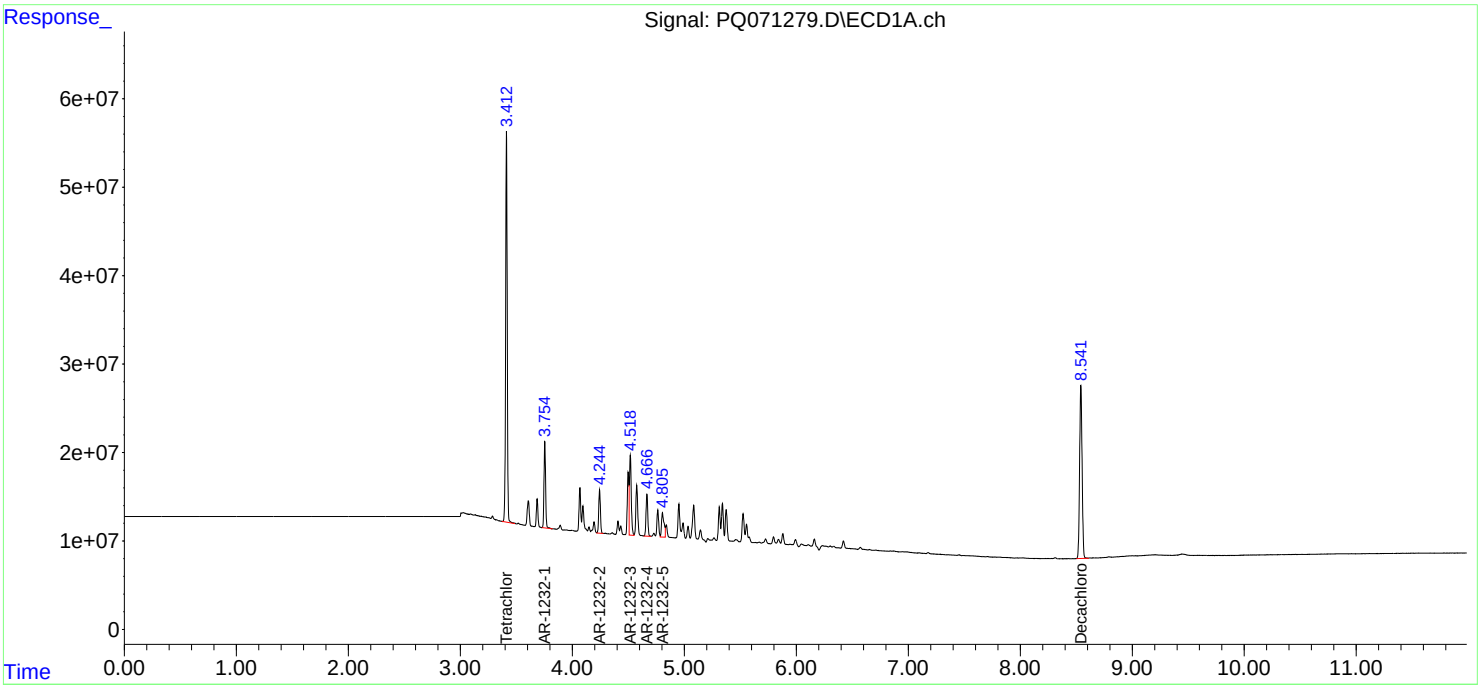
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

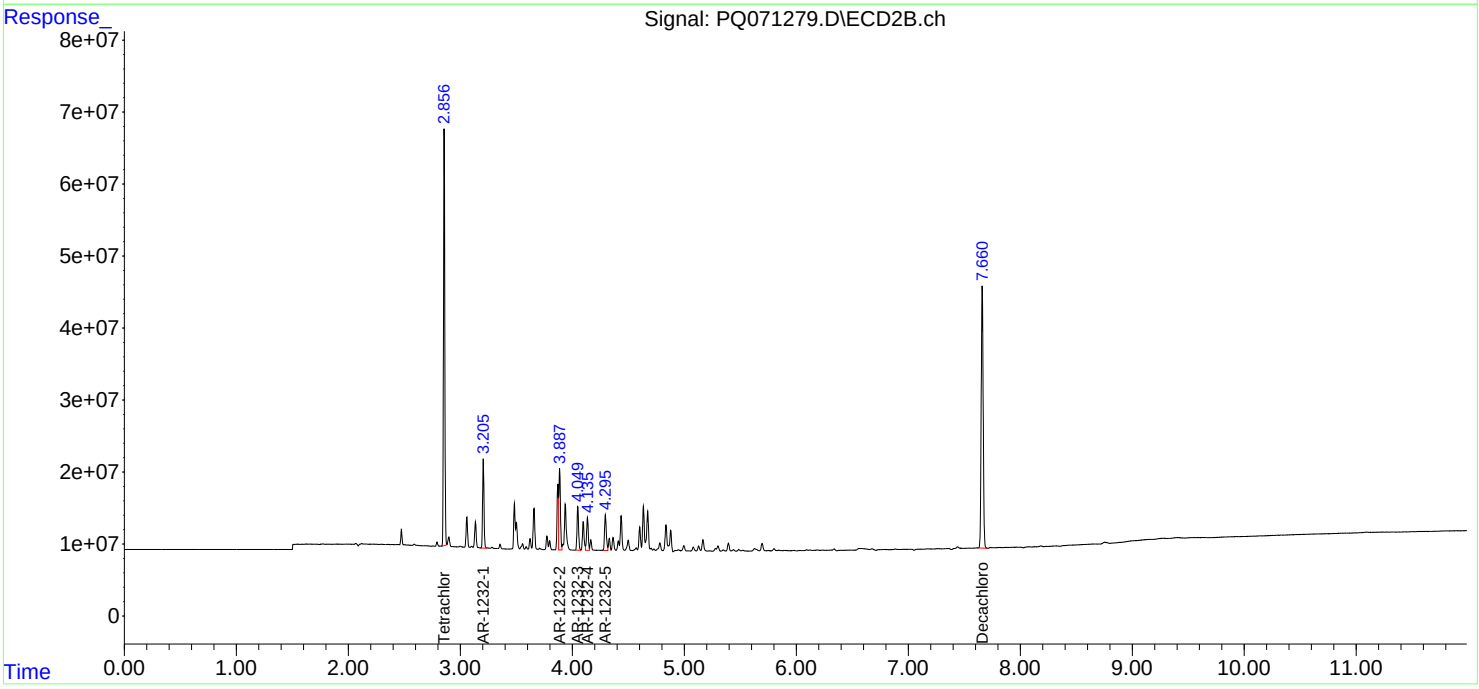
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 107 Sample Multiplier: 1

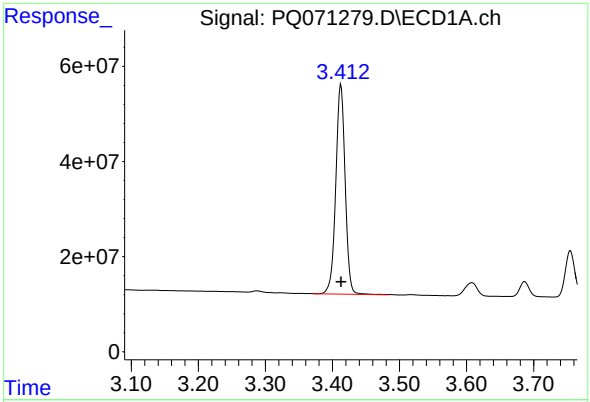
Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:18:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:18:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



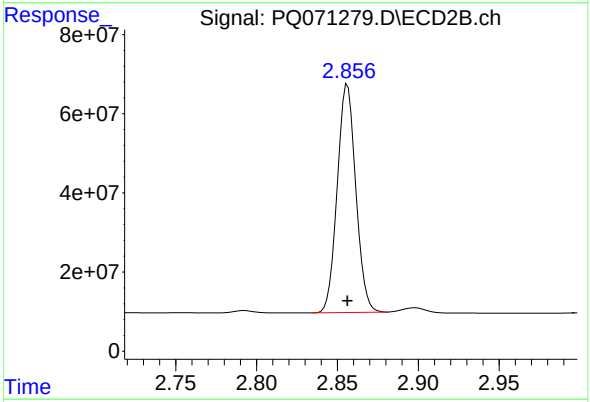




#1 Tetrachloro-m-xylene

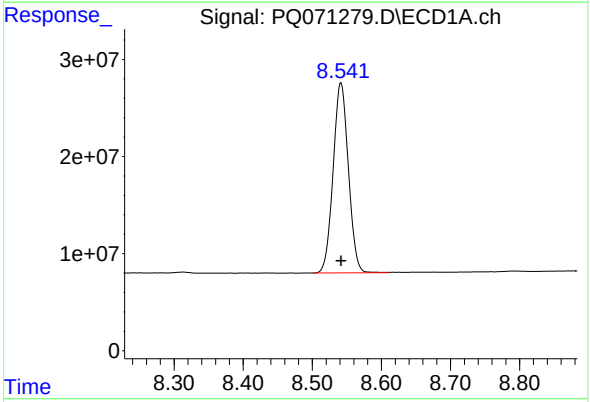
R.T.: 3.413 min
Delta R.T.: 0.000 min
Response: 427719892
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



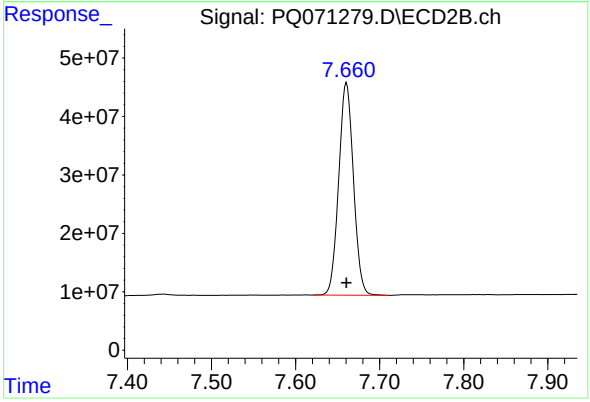
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 460063758
Conc: 50.00 ng/ml



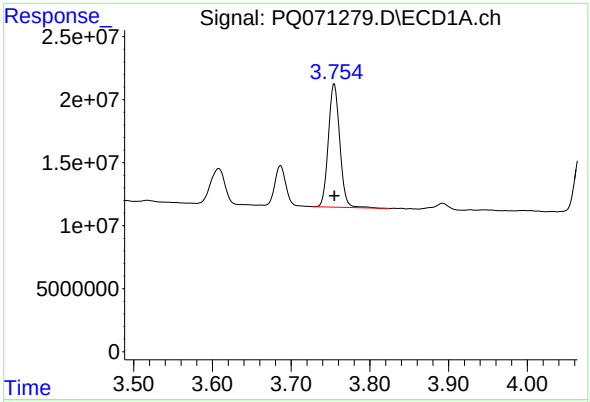
#2 Decachlorobiphenyl

R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 299961801
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

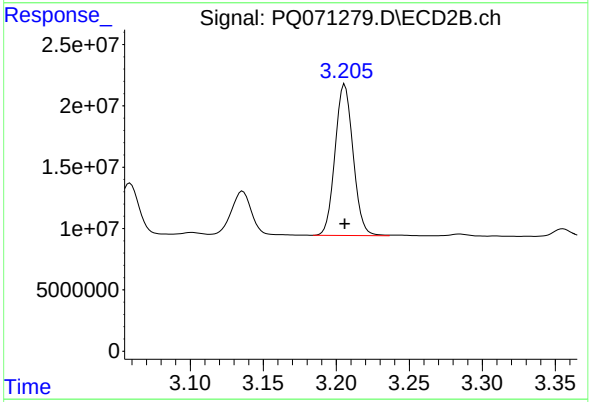
R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 442731794
Conc: 50.00 ng/ml



#11 AR-1232-1

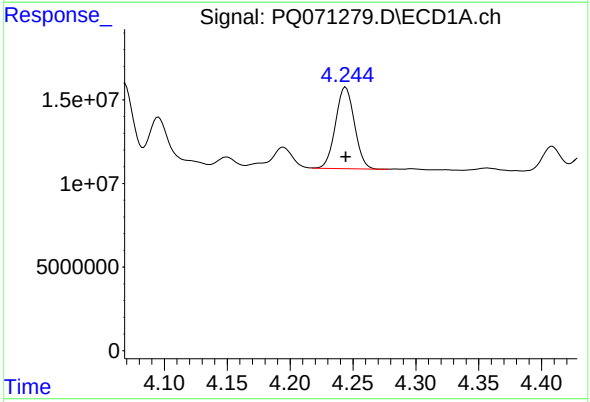
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 98692856
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



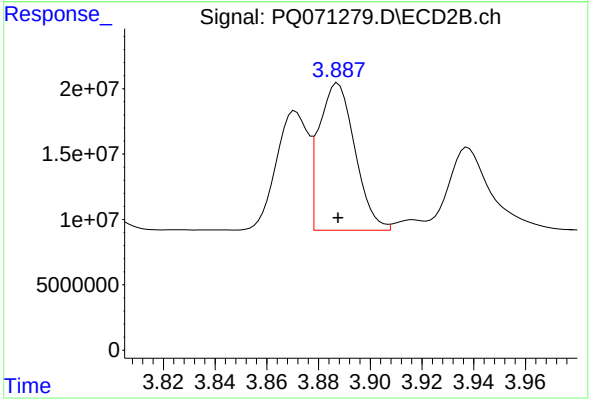
#11 AR-1232-1

R.T.: 3.206 min
Delta R.T.: 0.000 min
Response: 106016384
Conc: 500.00 ng/ml



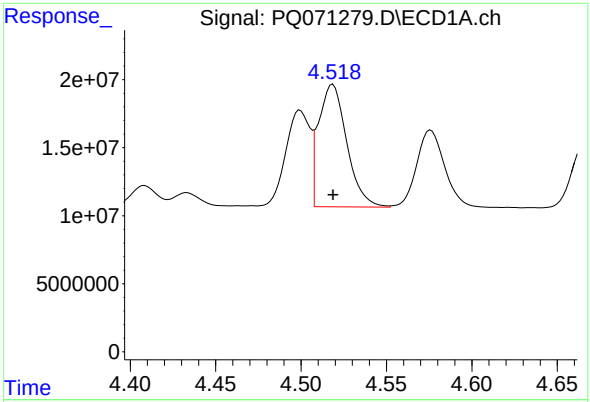
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: 0.000 min
Response: 51232788
Conc: 500.00 ng/ml



#12 AR-1232-2

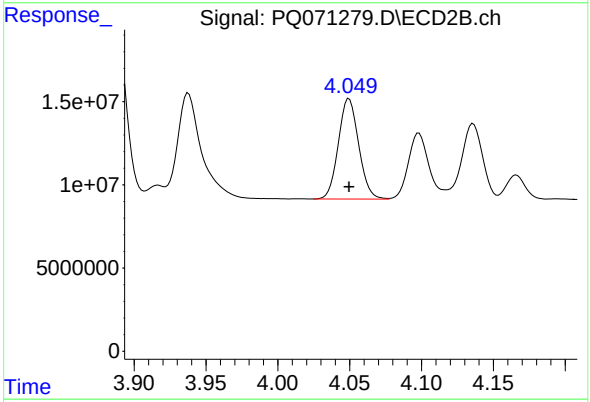
R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 108300313
Conc: 500.00 ng/ml



#13 AR-1232-3

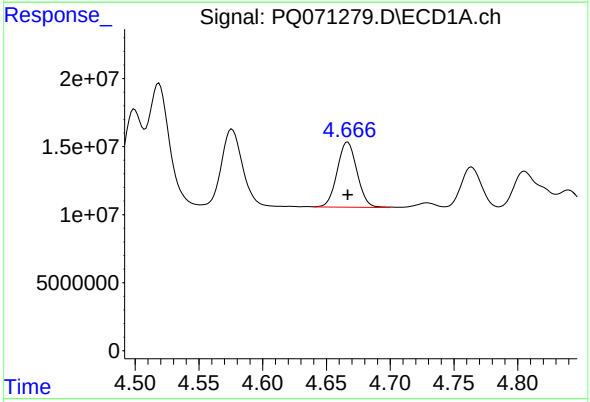
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 103594546
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



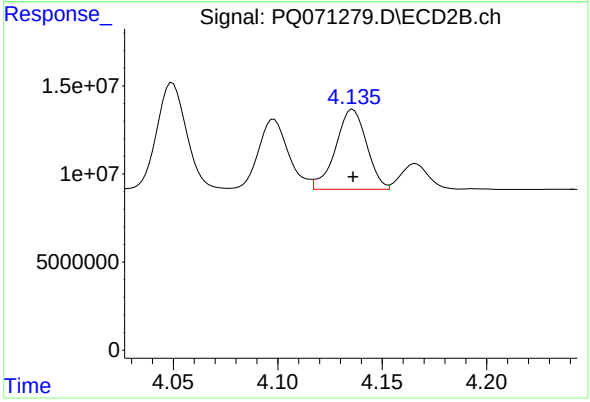
#13 AR-1232-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 59441504
Conc: 500.00 ng/ml



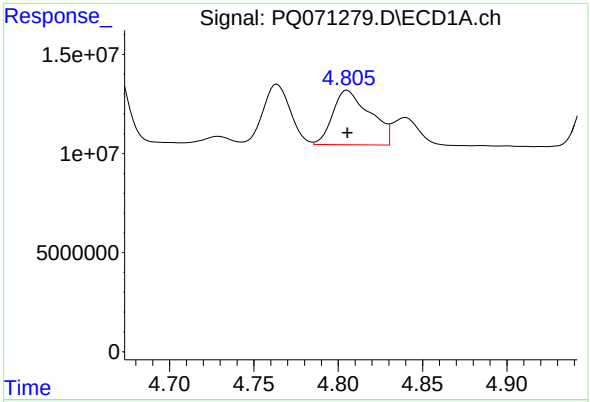
#14 AR-1232-4

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 51916319
Conc: 500.00 ng/ml



#14 AR-1232-4

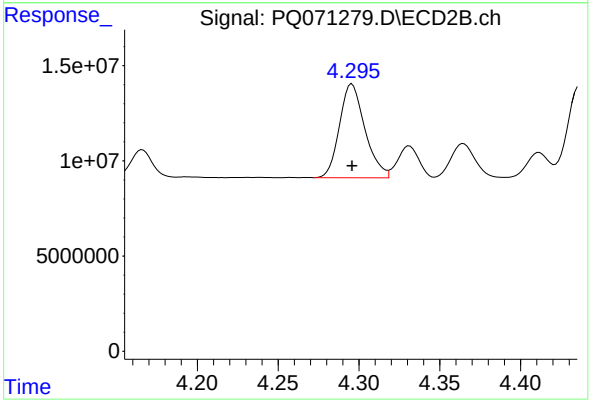
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 46947656
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 42236479
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 54036755
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:54
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 108 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:24:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:23:43 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...	3.412	2.856	422.9E6	462.4E6	50.000	50.000
2)	SA Decachlor...	8.540	7.660	304.6E6	451.4E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.498	3.871	130.4E6	144.8E6	500.000	500.000
17)	L4 AR-1242-2	4.517	3.888	190.4E6	201.4E6	500.000	500.000
18)	L4 AR-1242-3	4.575	4.050	121.6E6	116.9E6	500.000	500.000
19)	L4 AR-1242-4	4.665	4.136	97156871	99914472	500.000	500.000
20)	L4 AR-1242-5	5.339	4.636	99890638	131.6E6	500.000	500.000

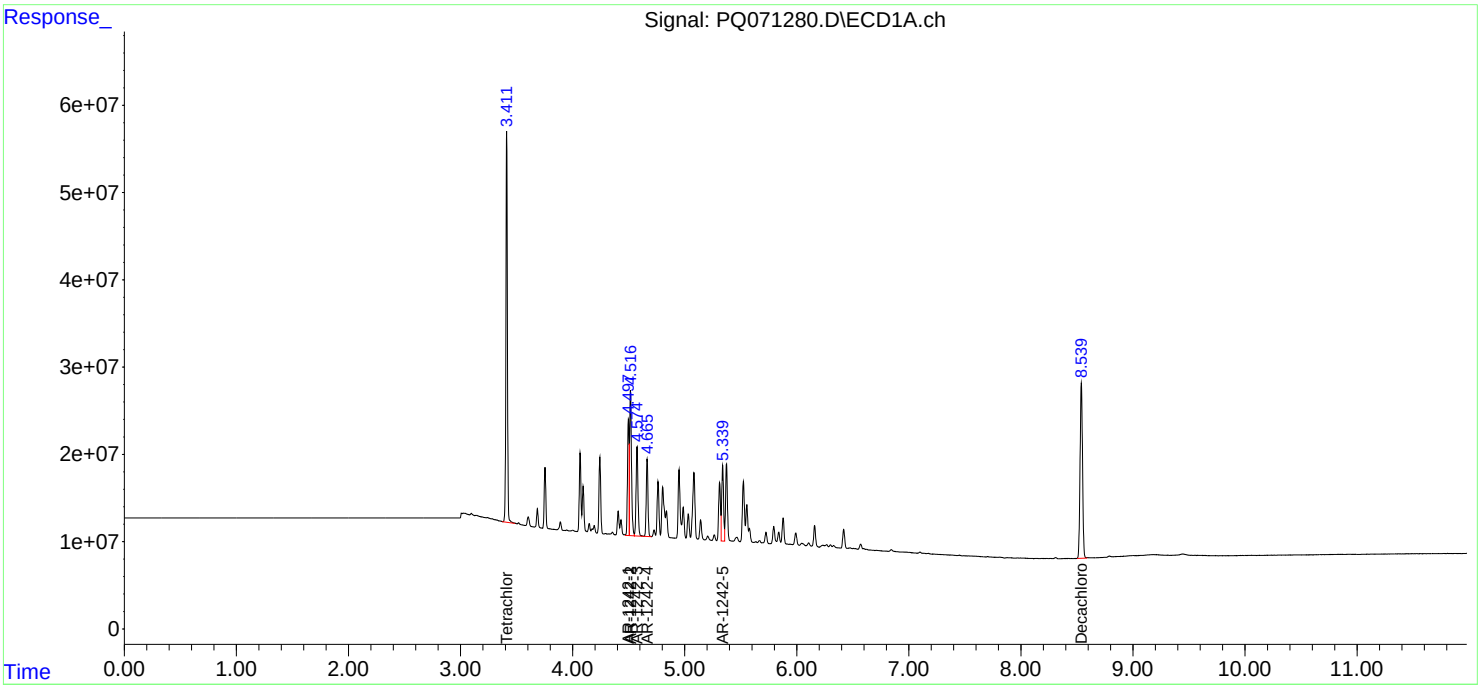
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

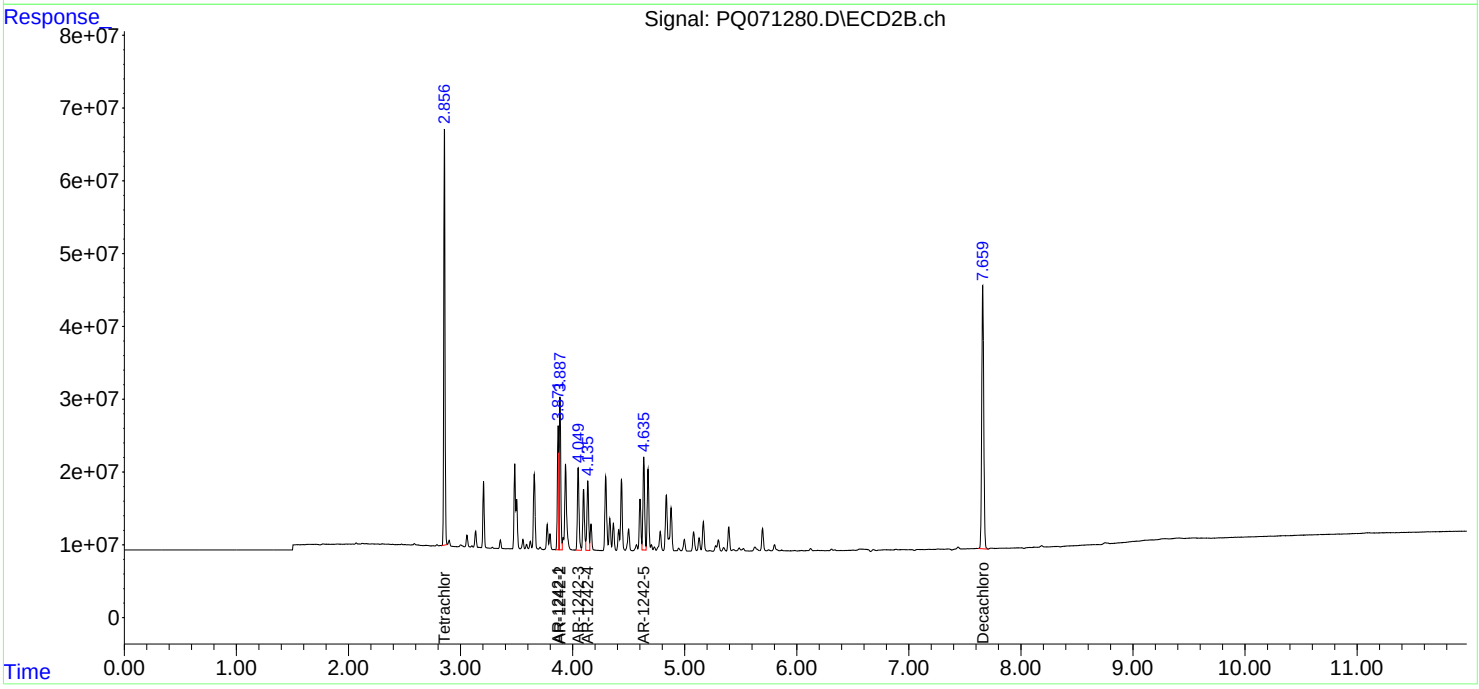
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:54
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 108 Sample Multiplier: 1

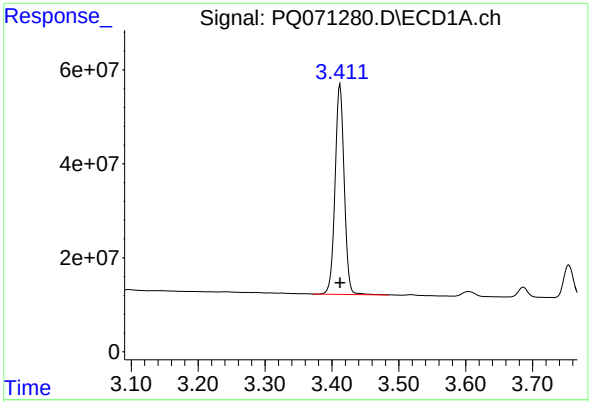
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:24:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:23:43 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



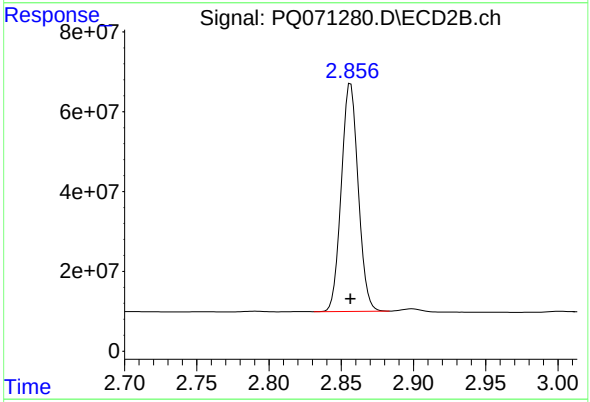




#1 Tetrachloro-m-xylene

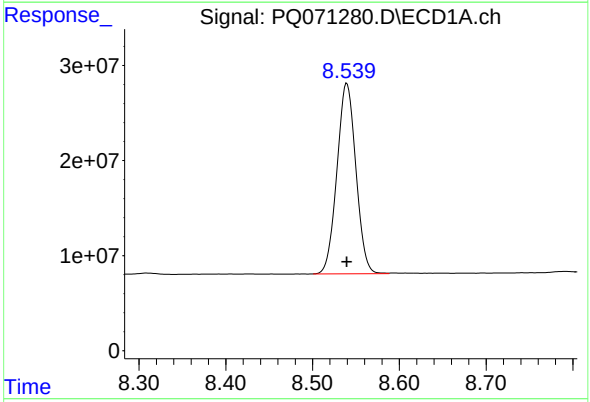
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 422903513
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



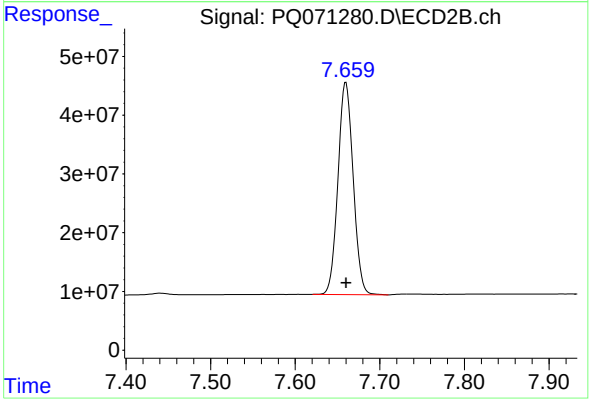
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 462421813
Conc: 50.00 ng/ml



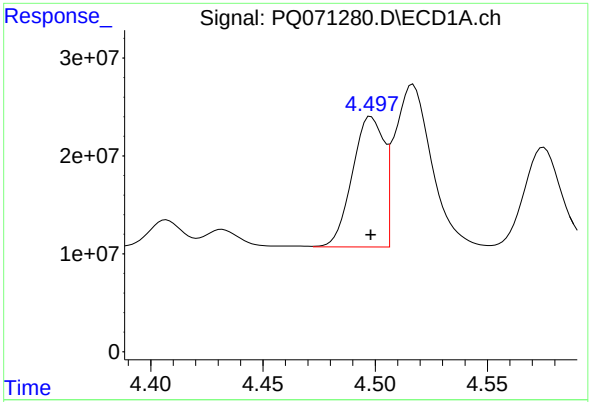
#2 Decachlorobiphenyl

R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 304595978
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

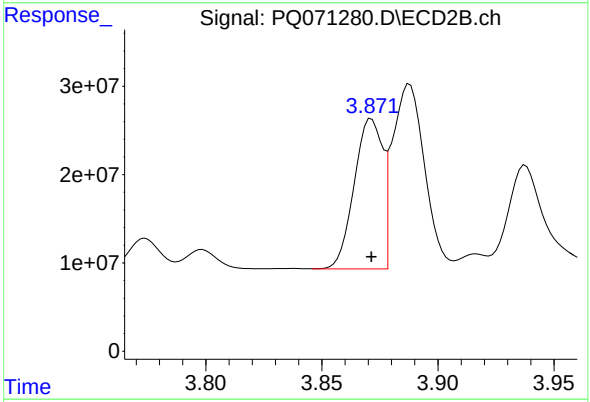
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 451428584
Conc: 50.00 ng/ml



#16 AR-1242-1

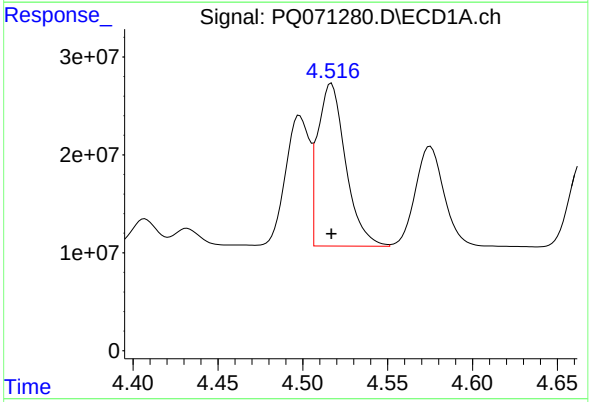
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 130368395
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



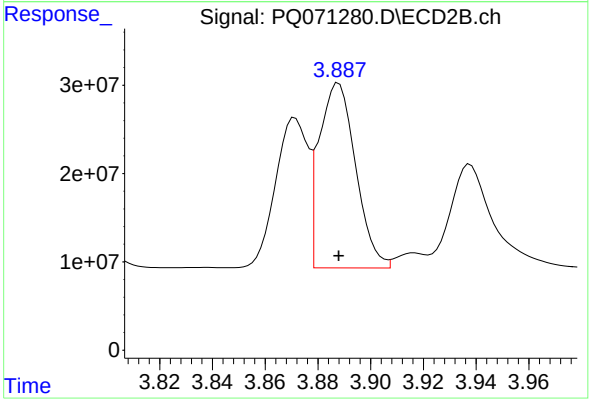
#16 AR-1242-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 144758213
Conc: 500.00 ng/ml



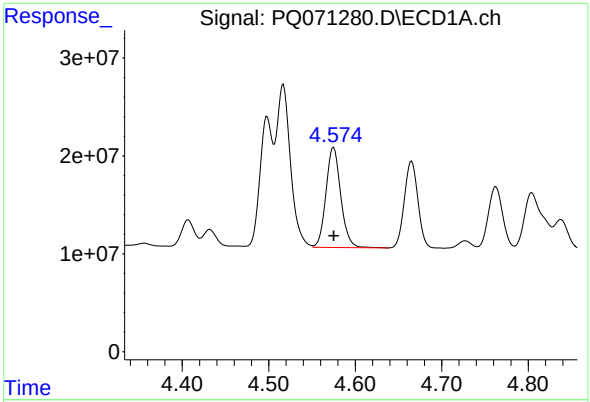
#17 AR-1242-2

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 190387634
Conc: 500.00 ng/ml



#17 AR-1242-2

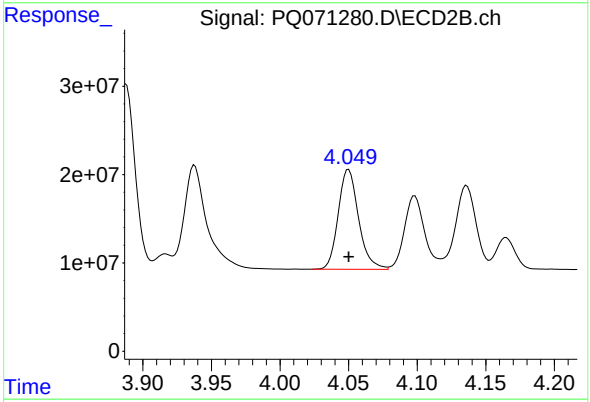
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 201416778
Conc: 500.00 ng/ml



#18 AR-1242-3

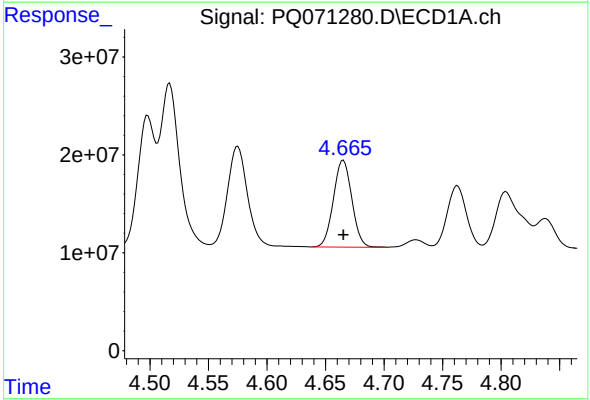
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 121622107
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



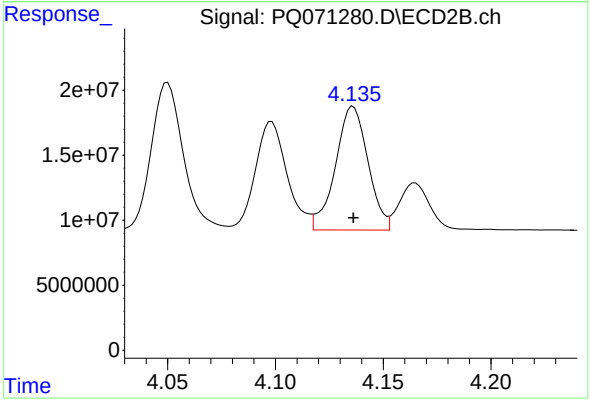
#18 AR-1242-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 116947785
Conc: 500.00 ng/ml



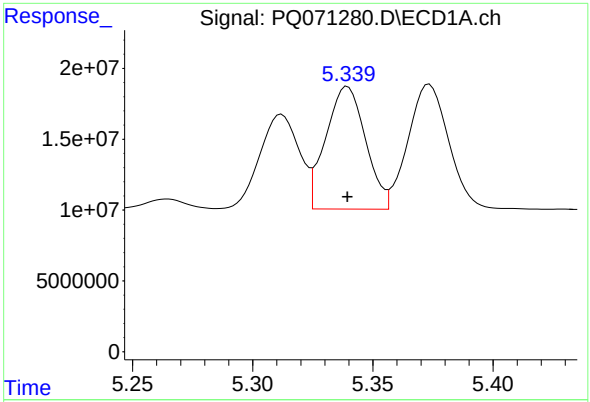
#19 AR-1242-4

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 97156871
Conc: 500.00 ng/ml



#19 AR-1242-4

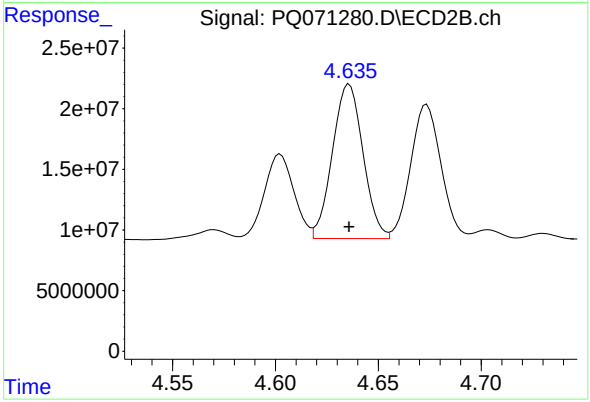
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 99914472
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.339 min
Delta R.T.: 0.000 min
Response: 99890638
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 131642529
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:08
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 109 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:41:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:41:04 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...	3.412	2.857	415.2E6	465.5E6	50.000	50.000
2)	SA Decachlor...	8.538	7.660	293.5E6	436.2E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.498	3.871	95247166	106.4E6	500.000	500.000
22)	L5 AR-1248-2	4.762	4.098	121.6E6	142.0E6	500.000	500.000
23)	L5 AR-1248-3	4.950	4.136	146.9E6	140.1E6	500.000	500.000
24)	L5 AR-1248-4	5.312	4.295	131.4E6	173.2E6	500.000	500.000
25)	L5 AR-1248-5	5.339	4.673	169.2E6	174.3E6	500.000	500.000

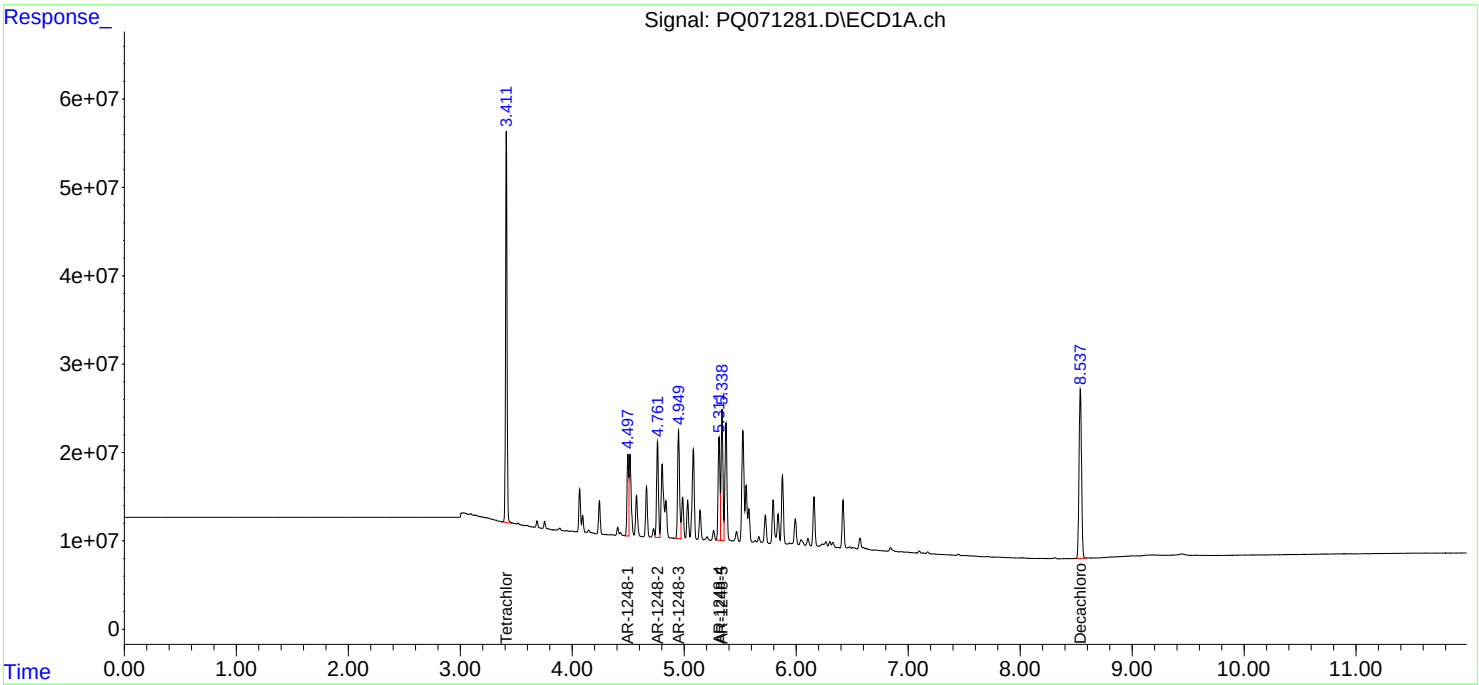
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

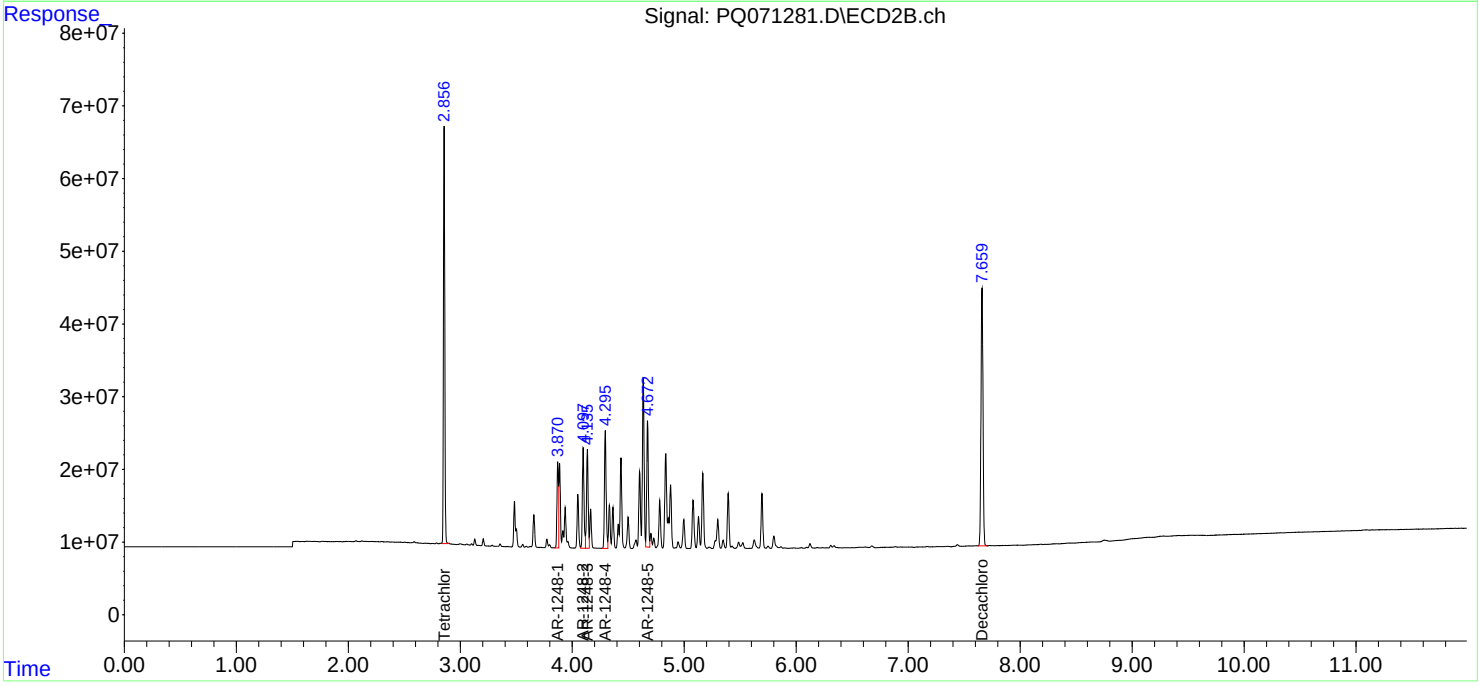
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:08
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 109 Sample Multiplier: 1

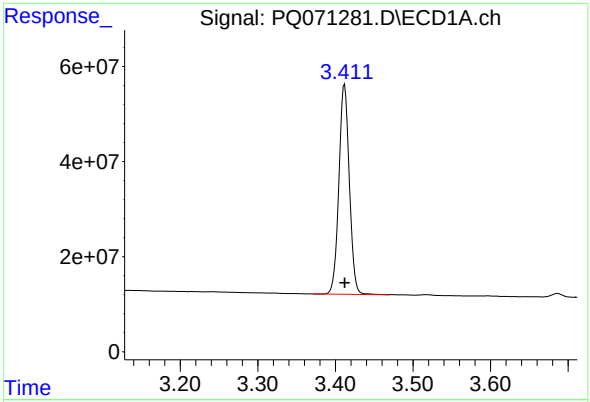
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:41:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:41:04 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



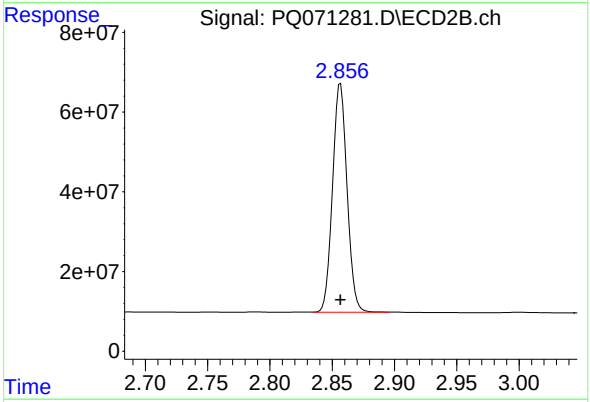




#1 Tetrachloro-m-xylene

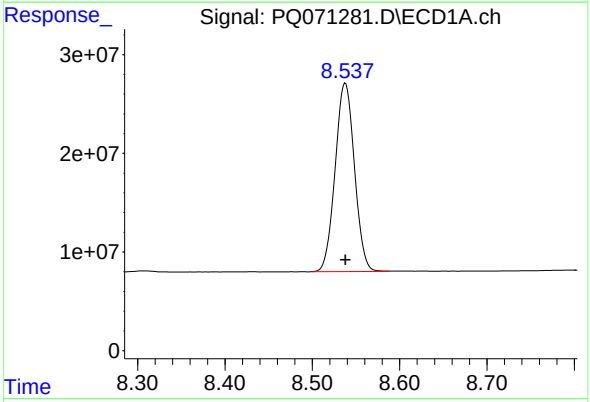
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 415172258
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



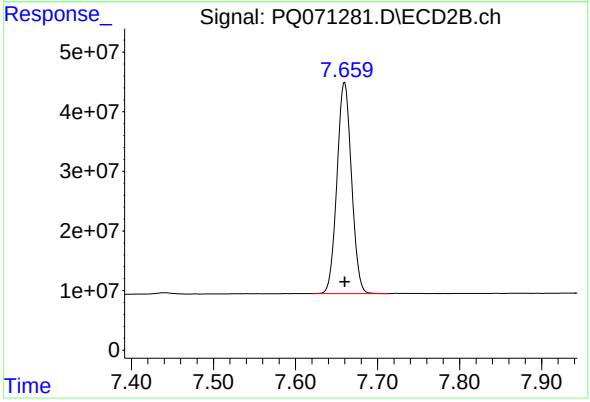
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 465513499
Conc: 50.00 ng/ml



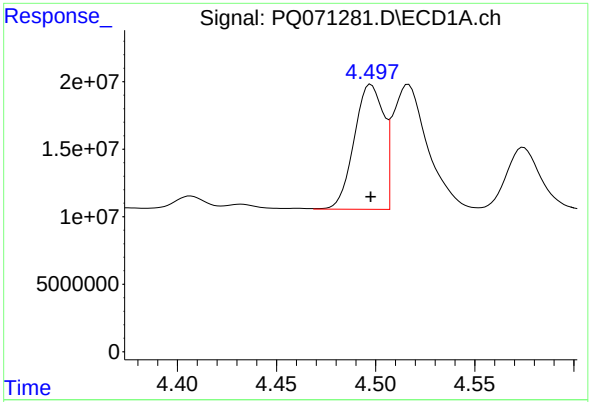
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 293475040
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

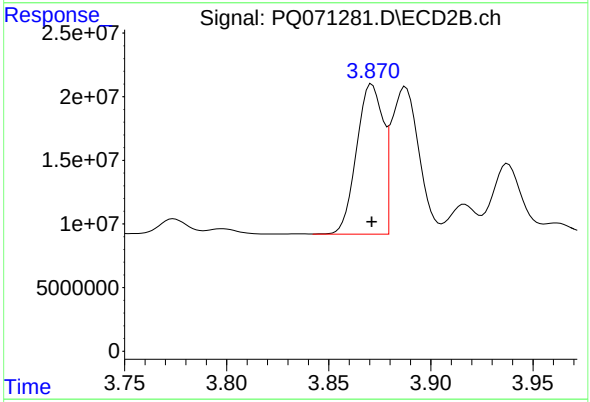
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 436163990
Conc: 50.00 ng/ml



#21 AR-1248-1

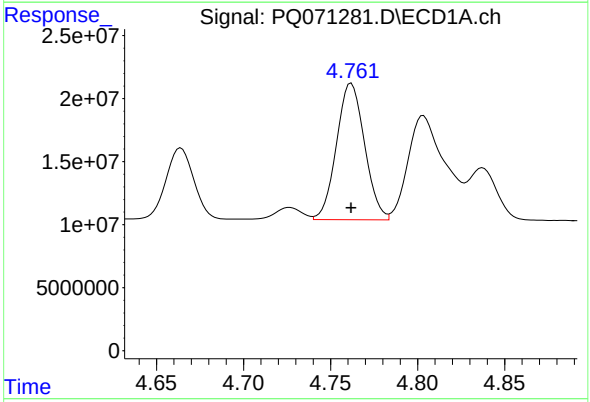
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 95247166
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



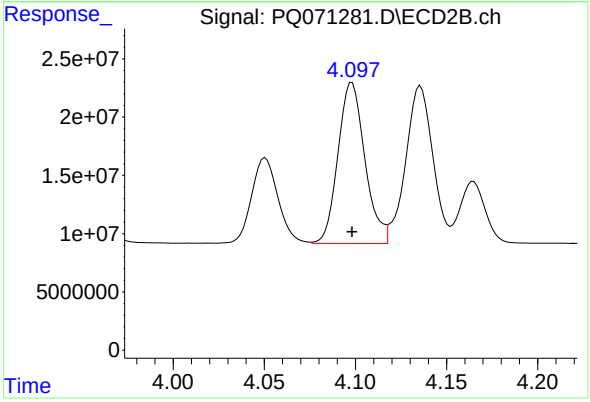
#21 AR-1248-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 106438129
Conc: 500.00 ng/ml



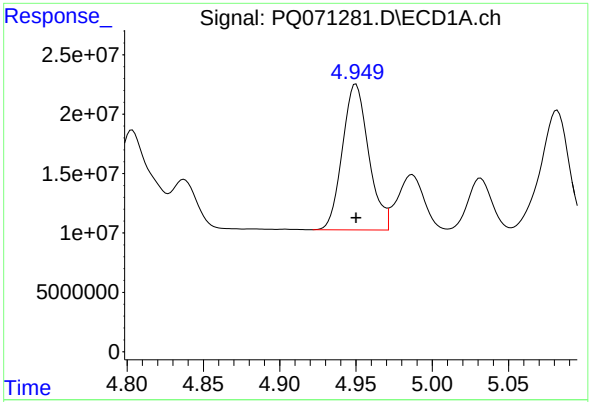
#22 AR-1248-2

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 121643540
Conc: 500.00 ng/ml



#22 AR-1248-2

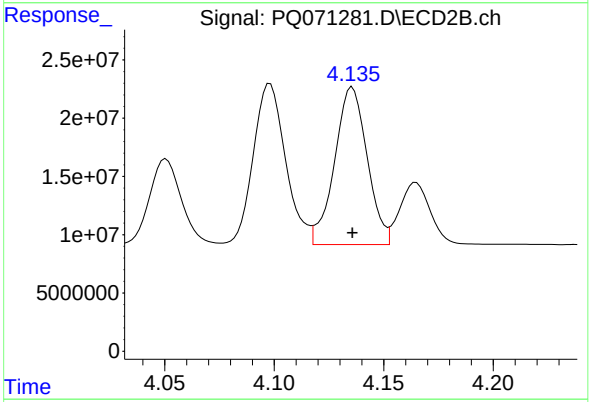
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 142008582
Conc: 500.00 ng/ml



#23 AR-1248-3

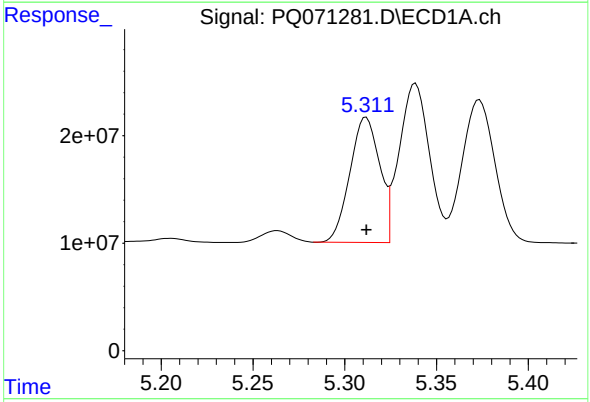
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 146912906
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



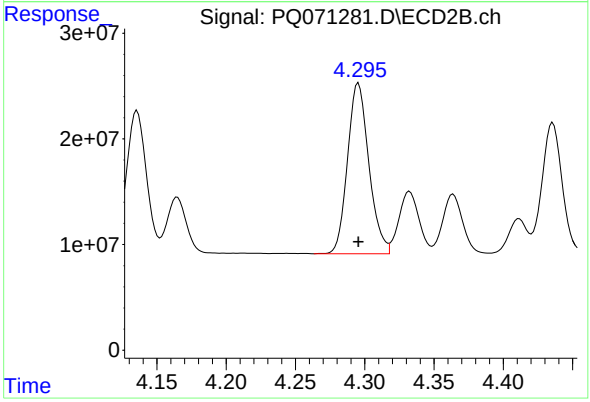
#23 AR-1248-3

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 140056314
Conc: 500.00 ng/ml



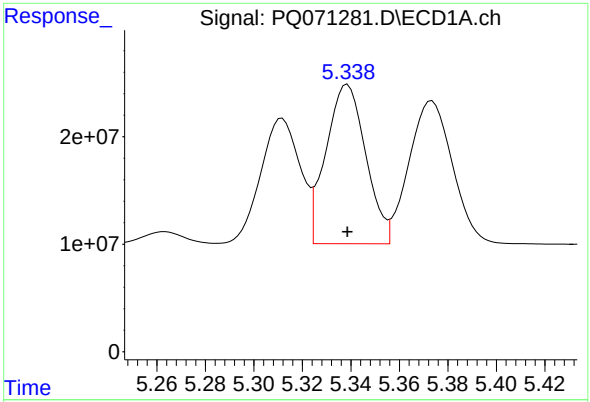
#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 131439045
Conc: 500.00 ng/ml



#24 AR-1248-4

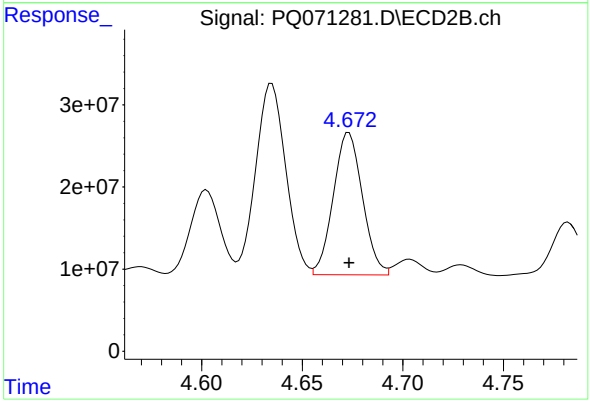
R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 173192057
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.339 min
Delta R.T.: 0.000 min
Response: 169173076
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 174318947
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:23
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 110 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:45:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:45:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.411	2.857	421.8E6	469.8E6	50.000	50.000
2)	SA Decachlor...	8.536	7.660	306.7E6	450.2E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.313	4.635	173.7E6	267.9E6	500.000	500.000
27)	L6 AR-1254-2	5.528	4.782	270.9E6	229.4E6	500.000	500.000
28)	L6 AR-1254-3	5.878	5.166	287.9E6	379.6E6	500.000	500.000
29)	L6 AR-1254-4	6.159	5.393	211.2E6	249.9E6	500.000	500.000
30)	L6 AR-1254-5	6.569	5.801	229.8E6	346.1E6	500.000	500.000

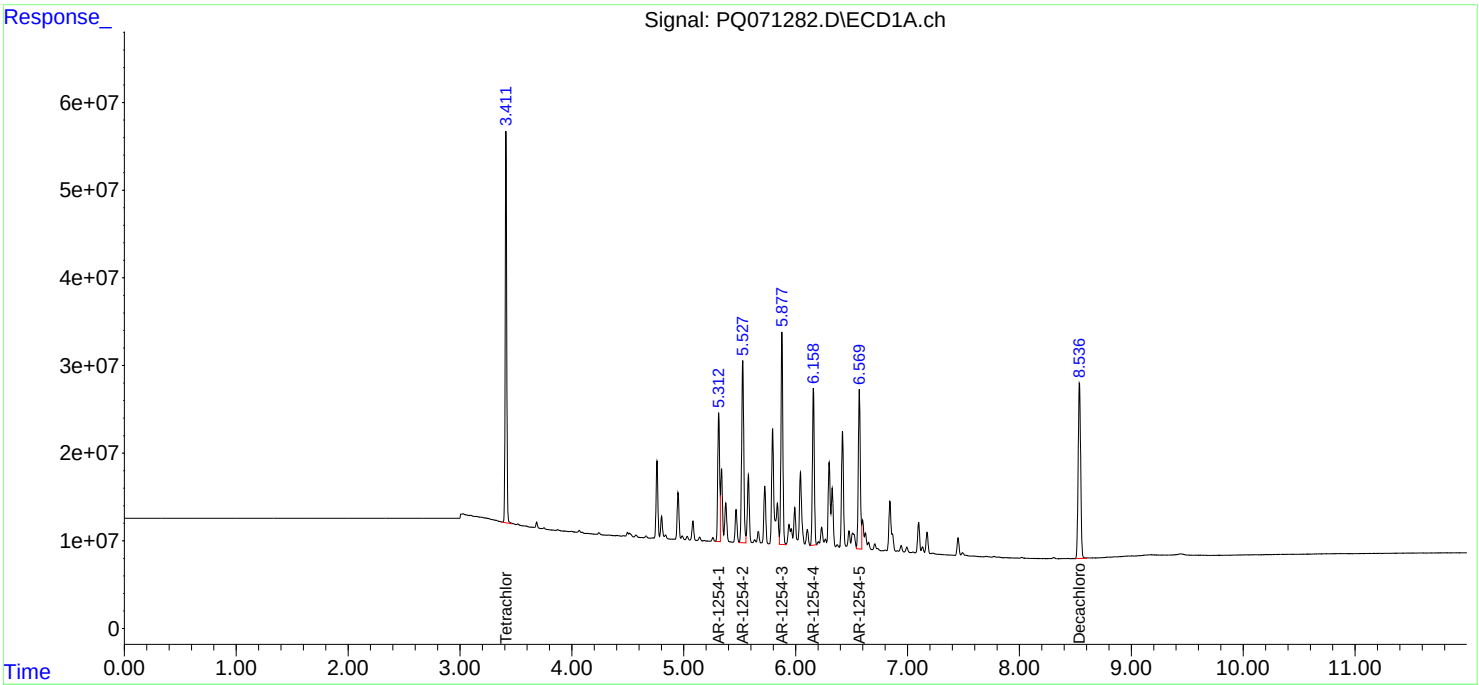
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

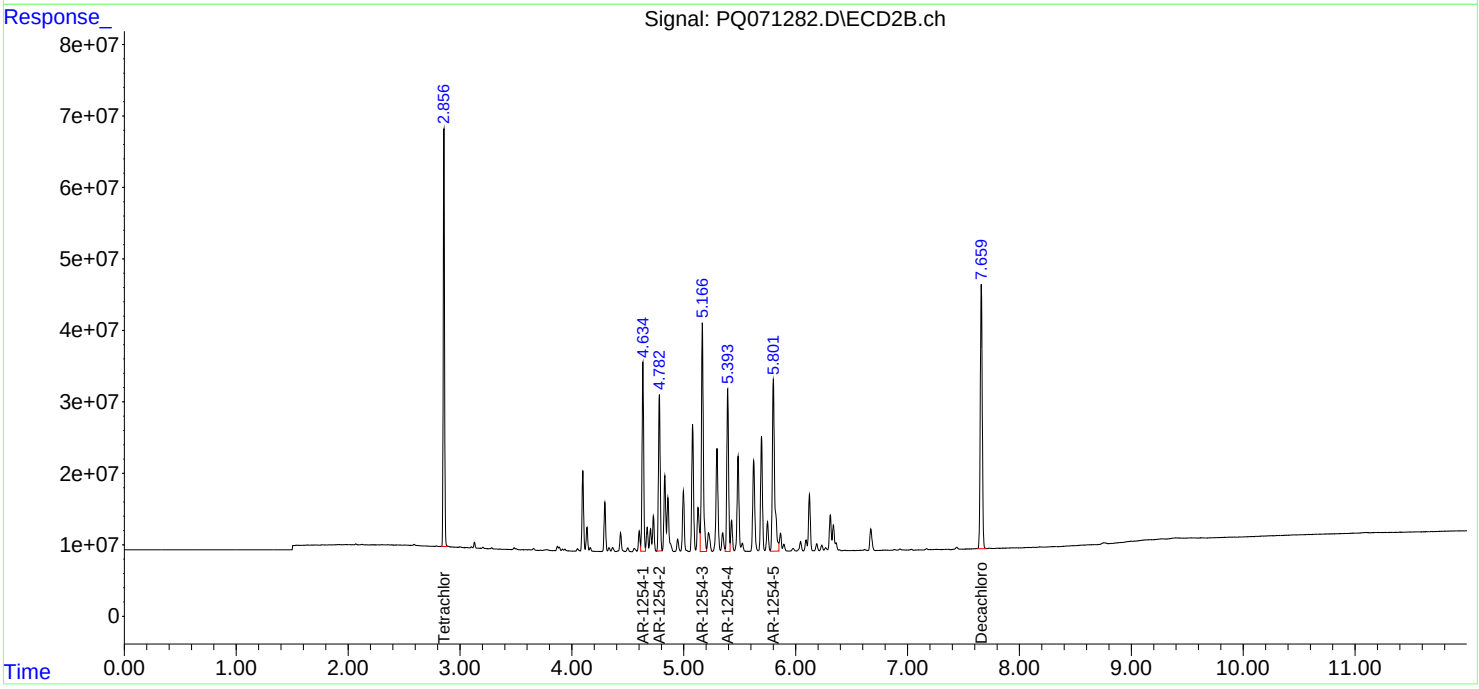
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:23
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 110 Sample Multiplier: 1

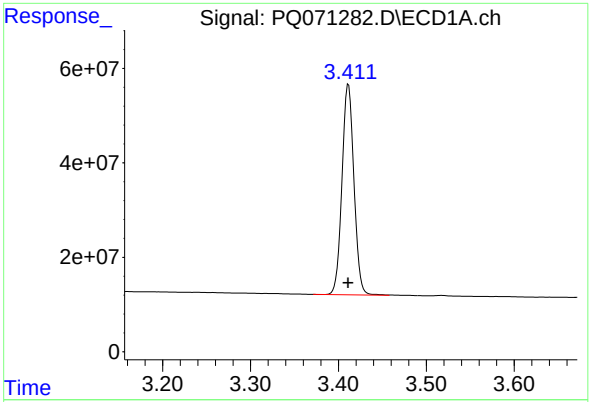
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:45:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:45:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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



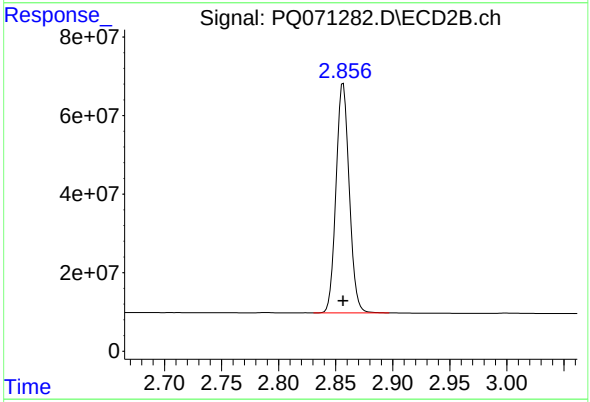




#1 Tetrachloro-m-xylene

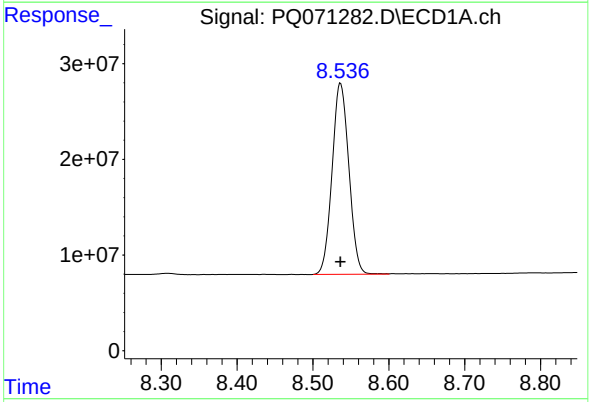
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 421835631
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



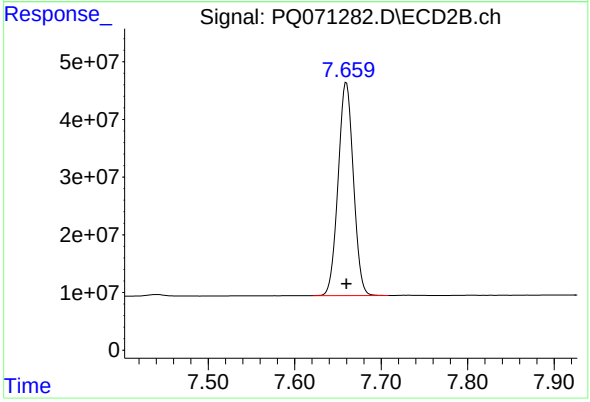
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 469785175
Conc: 50.00 ng/ml



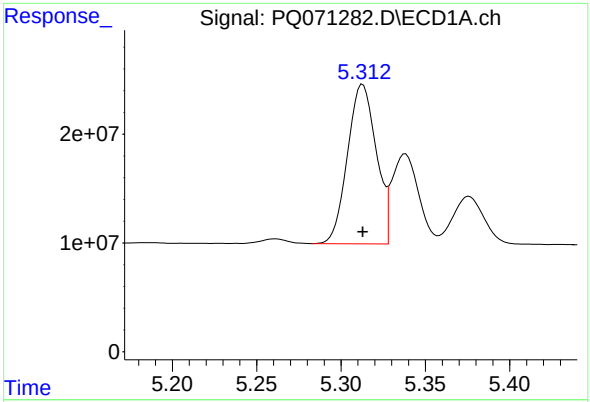
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 306652362
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

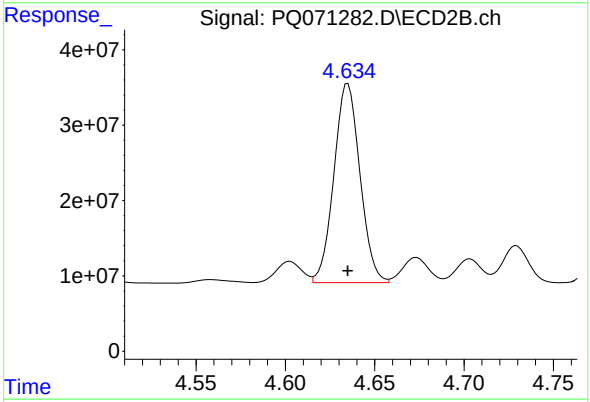
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 450219242
Conc: 50.00 ng/ml



#26 AR-1254-1

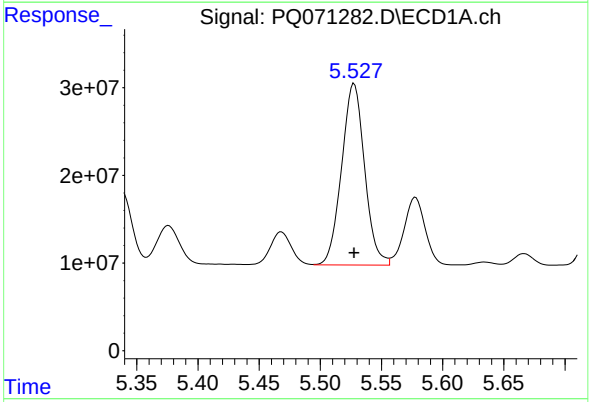
R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 173680051
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



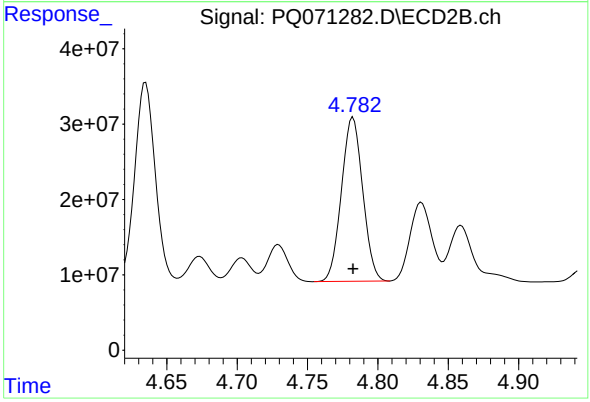
#26 AR-1254-1

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 267934404
Conc: 500.00 ng/ml



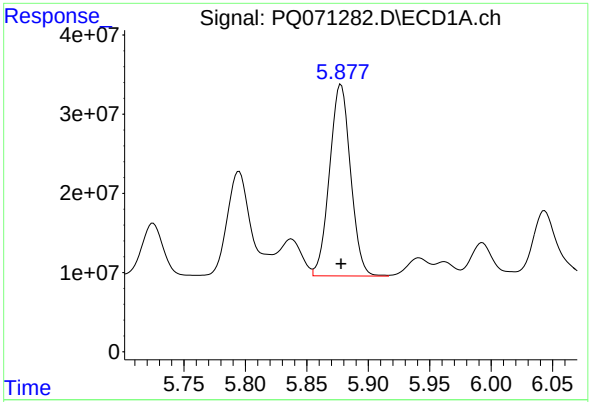
#27 AR-1254-2

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 270911577
Conc: 500.00 ng/ml



#27 AR-1254-2

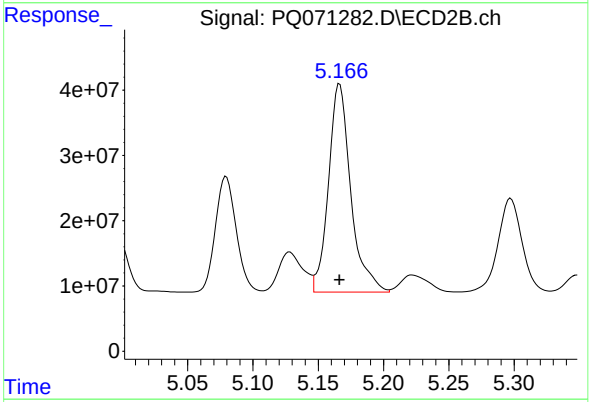
R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 229390705
Conc: 500.00 ng/ml



#28 AR-1254-3

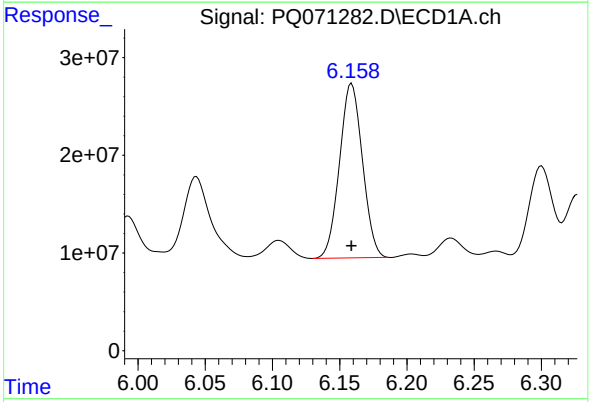
R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 287915038
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



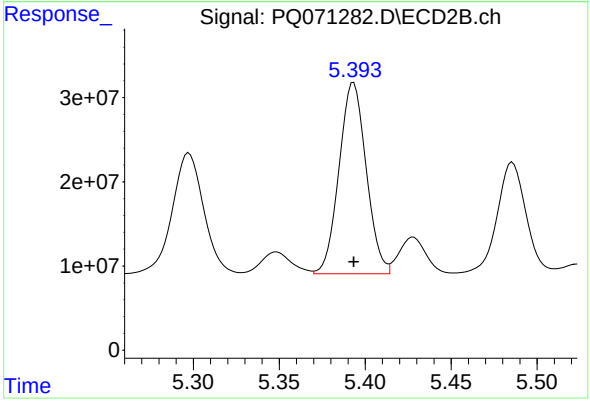
#28 AR-1254-3

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 379649643
Conc: 500.00 ng/ml



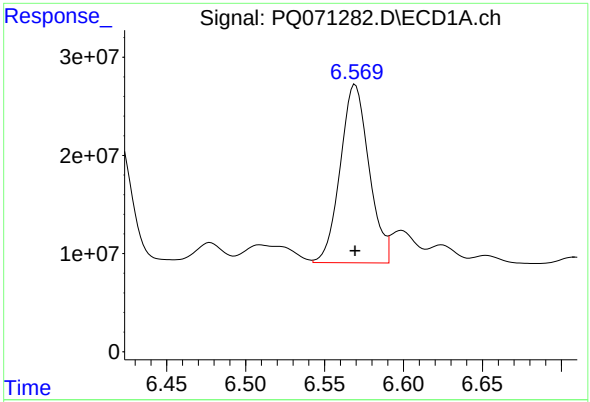
#29 AR-1254-4

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 211245059
Conc: 500.00 ng/ml



#29 AR-1254-4

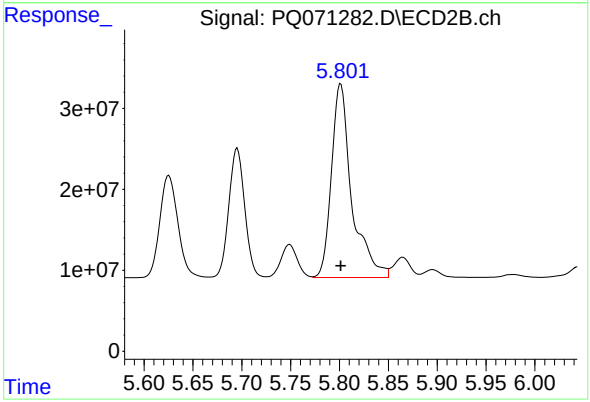
R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 249908850
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 229816084
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 346115070
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:37
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 111 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:48:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.412	2.857	397.4E6	440.5E6	50.000	50.000
2)	SA Decachlor...	8.537	7.659	282.3E6	413.8E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.868	5.845	233.3E6	319.8E6	500.000	500.000
37)	L8 AR-1262-2	7.175	6.094	425.2E6	297.2E6	500.000	500.000
38)	L8 AR-1262-3	7.449	6.618	280.4E6	238.8E6	500.000	500.000
39)	L8 AR-1262-4	7.524	6.678	219.1E6	447.2E6	500.000	500.000
40)	L8 AR-1262-5	8.021	7.171	142.0E6	214.2E6	500.000	500.000

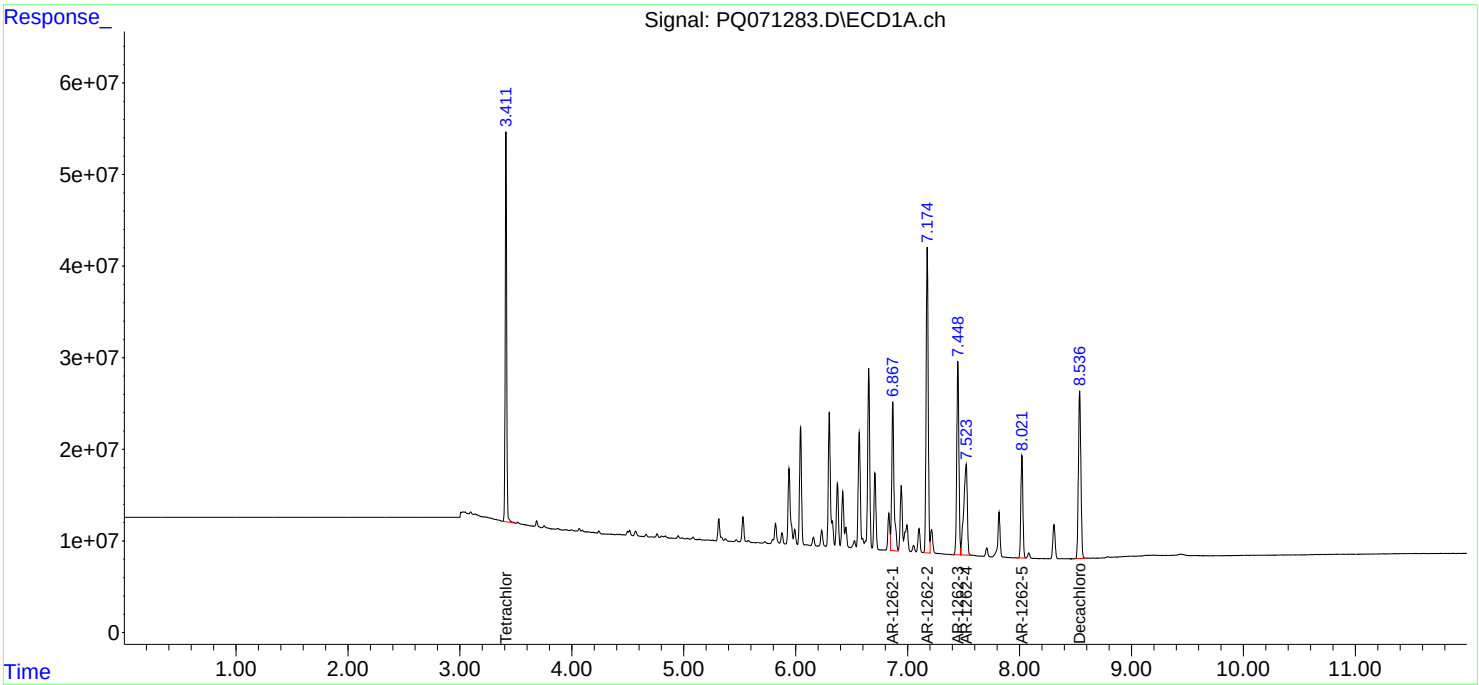
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

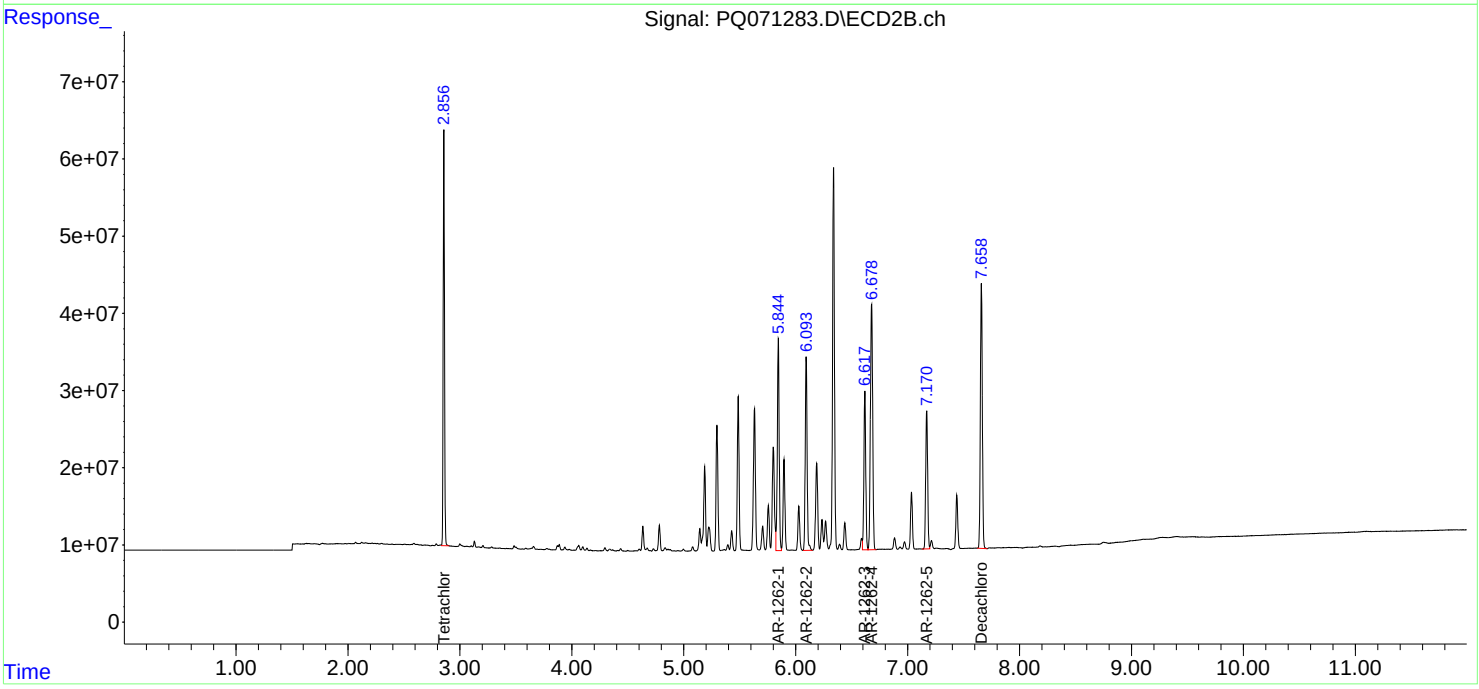
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:37
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 111 Sample Multiplier: 1

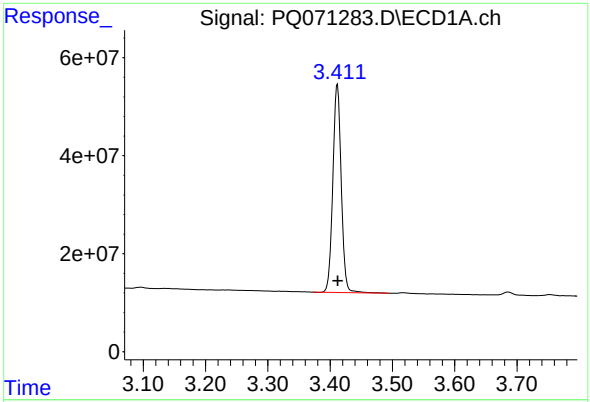
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:48:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



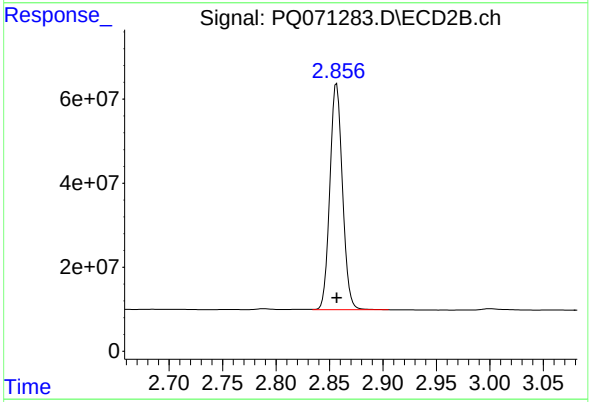




#1 Tetrachloro-m-xylene

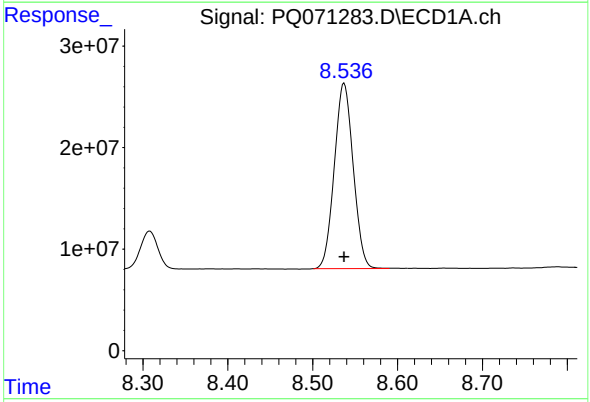
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 397359526
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



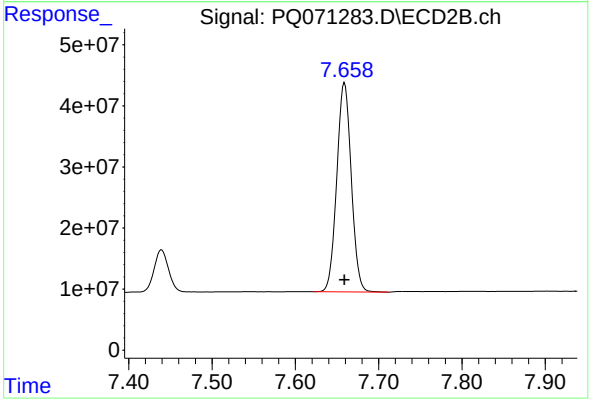
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 440482536
Conc: 50.00 ng/ml



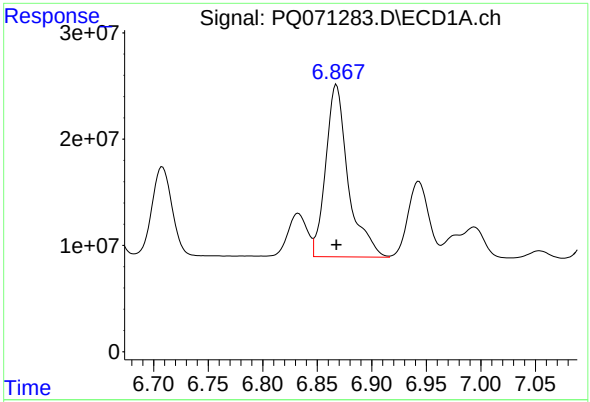
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 282269852
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

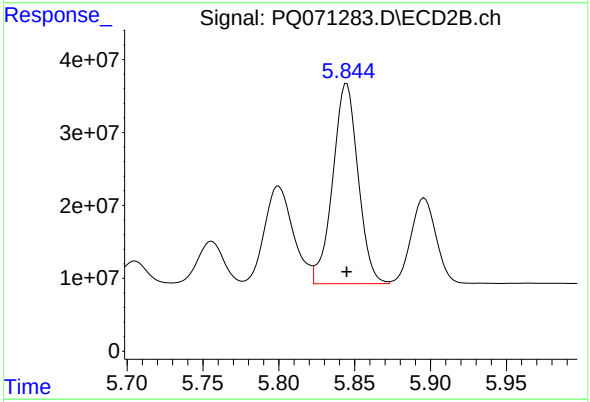
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 413775408
Conc: 50.00 ng/ml



#36 AR-1262-1

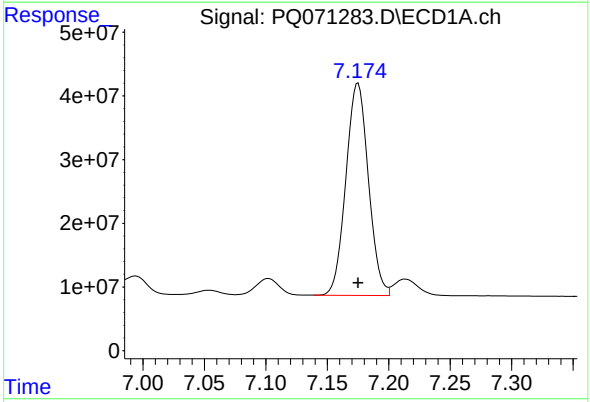
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 233323011
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



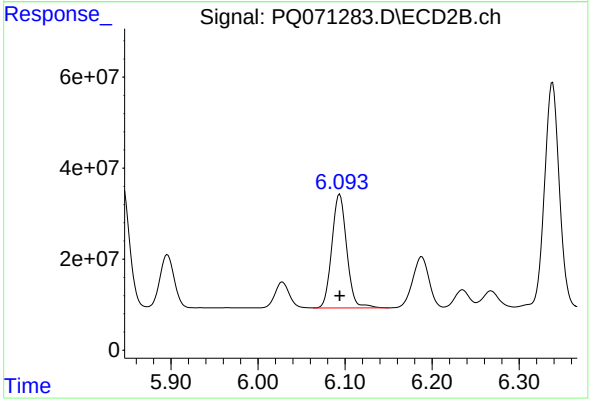
#36 AR-1262-1

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 319754851
Conc: 500.00 ng/ml



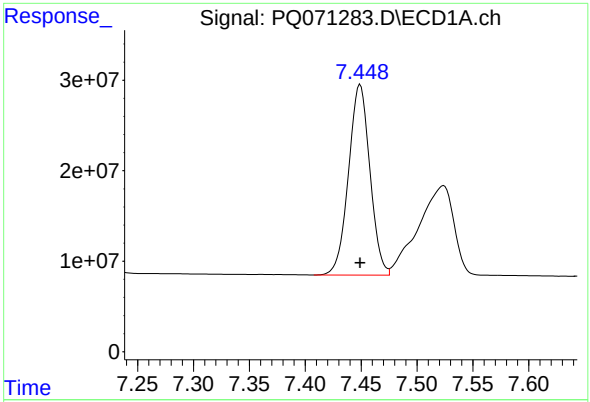
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 425161976
Conc: 500.00 ng/ml



#37 AR-1262-2

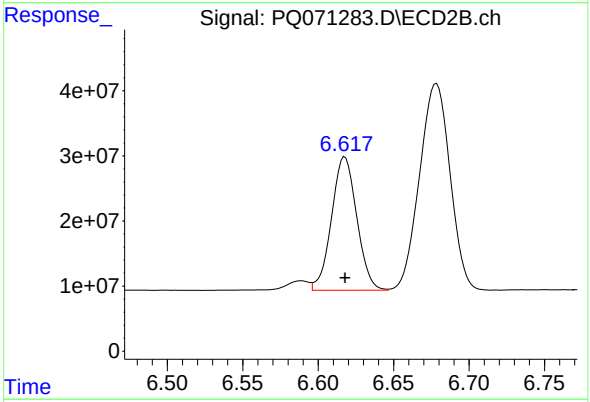
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 297170097
Conc: 500.00 ng/ml



#38 AR-1262-3

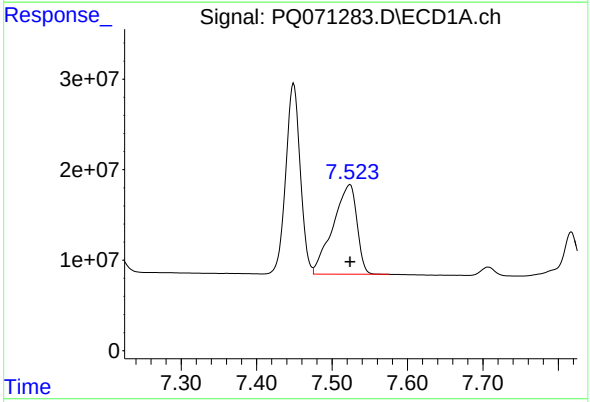
R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 280435199
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



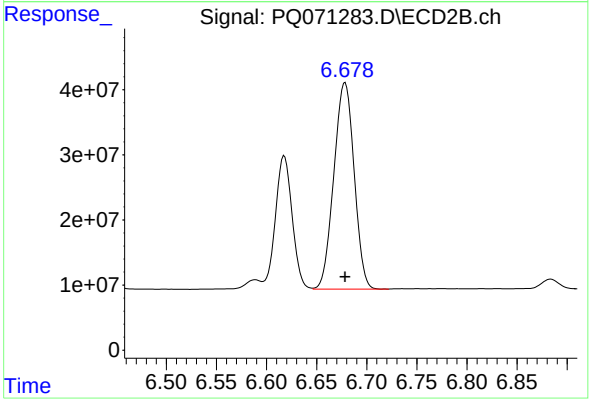
#38 AR-1262-3

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 238828993
Conc: 500.00 ng/ml



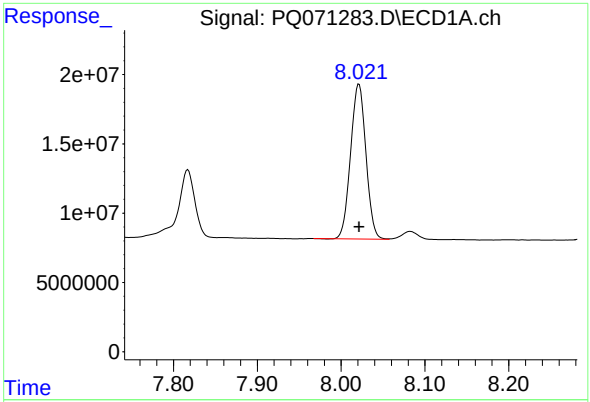
#39 AR-1262-4

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 219133752
Conc: 500.00 ng/ml



#39 AR-1262-4

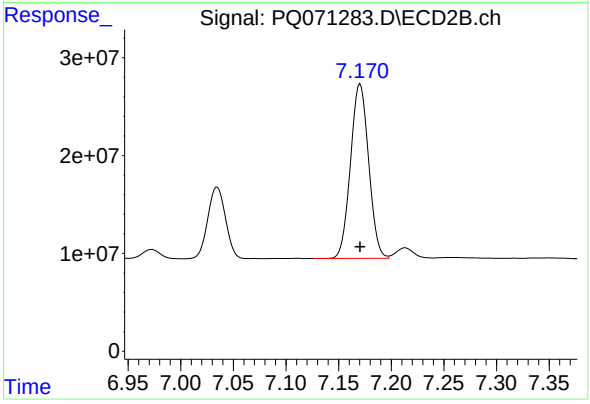
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 447174978
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 141988111
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 214166302
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:52
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:52:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:51:49 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...	3.411	2.856	430.0E6	474.1E6	50.000	50.000
2)	SA Decachlor...	8.536	7.658	526.0E6	773.1E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.447	6.617	510.4E6	720.0E6	500.000	500.000
42)	L9 AR-1268-2	7.525	6.680	473.4E6	673.9E6	500.000	500.000
43)	L9 AR-1268-3	7.707	6.883	388.9E6	567.9E6	500.000	500.000
44)	L9 AR-1268-4	8.021	7.170	169.2E6	253.6E6	500.000	500.000
45)	L9 AR-1268-5	8.307	7.439	1147.4E6	1770.8E6	500.000	500.000

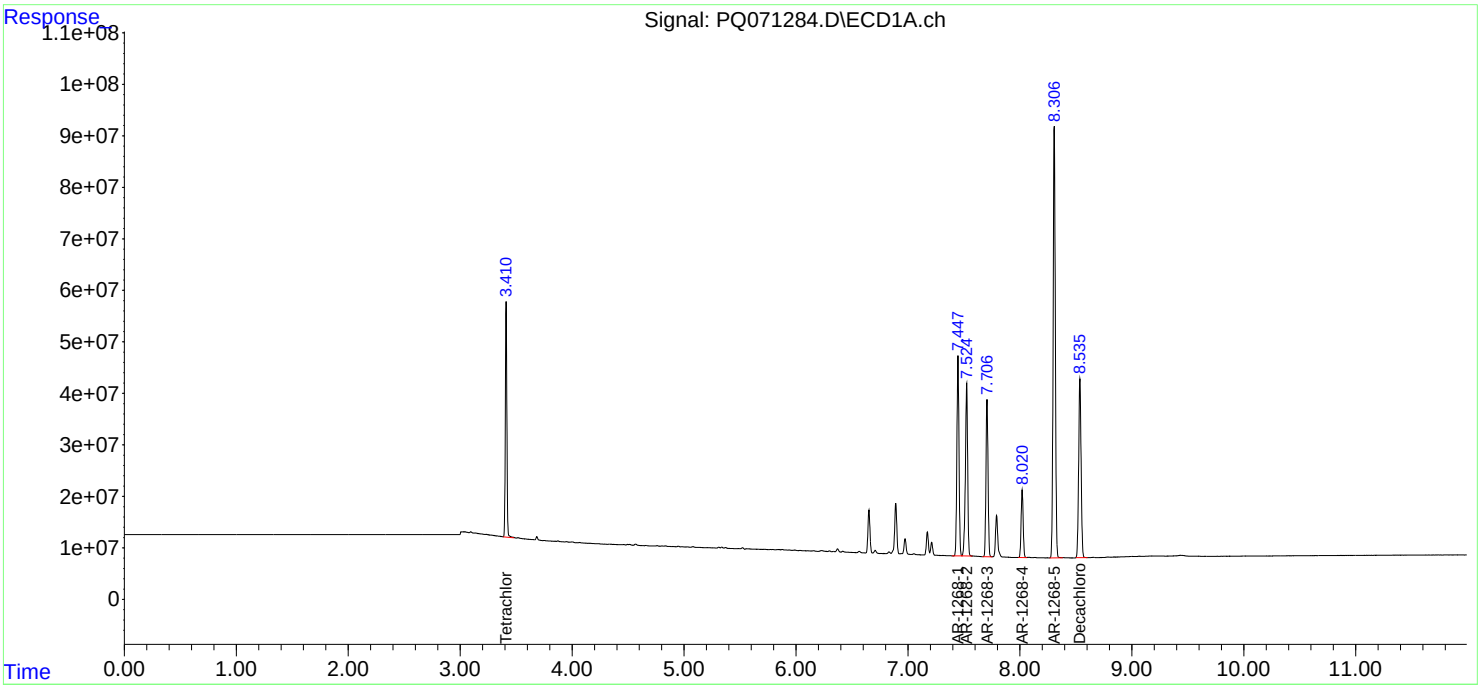
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

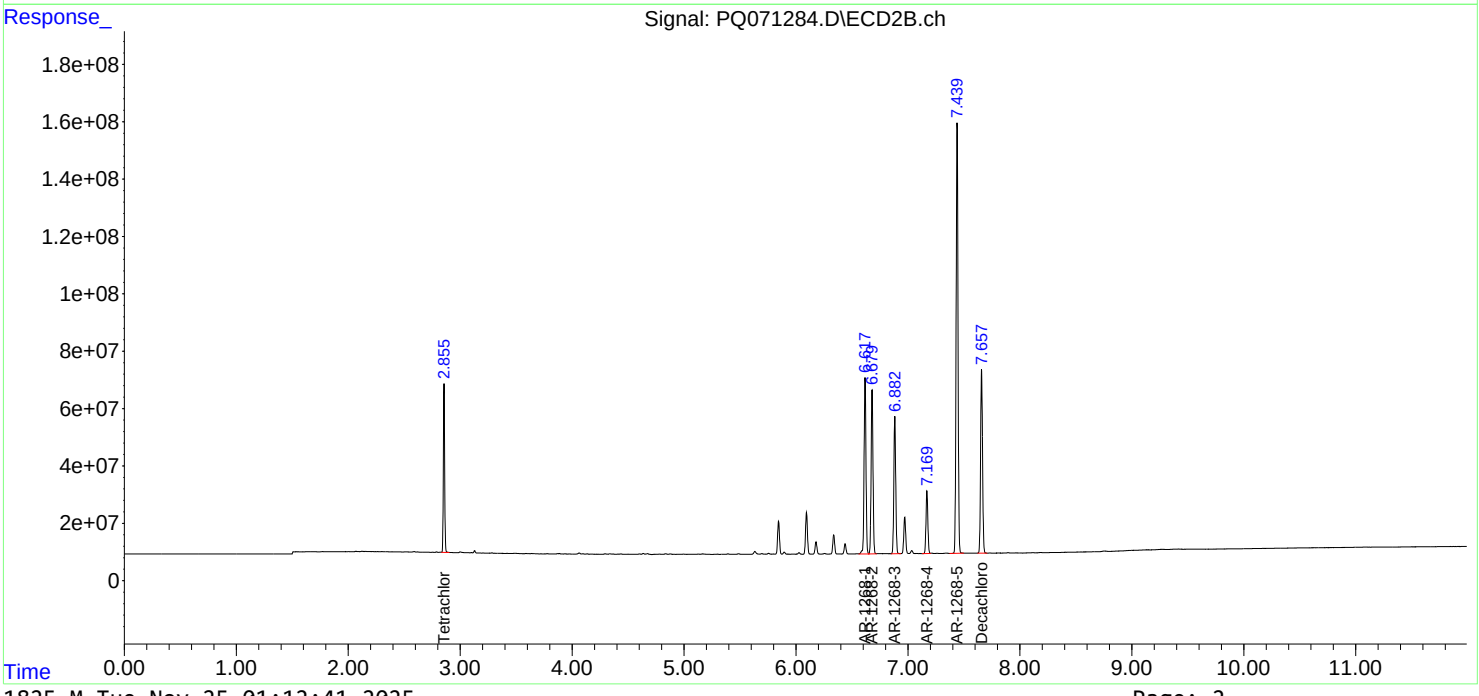
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:52
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 112 Sample Multiplier: 1

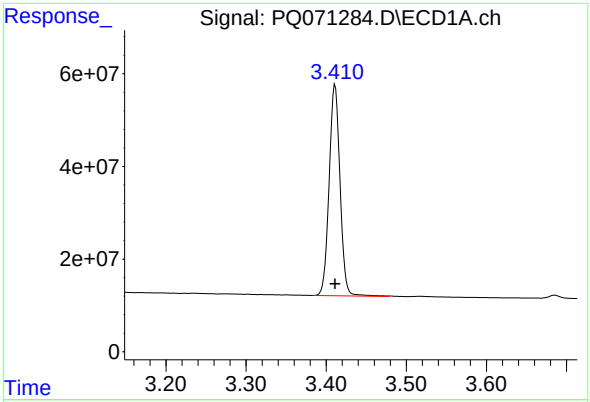
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:52:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:51:49 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



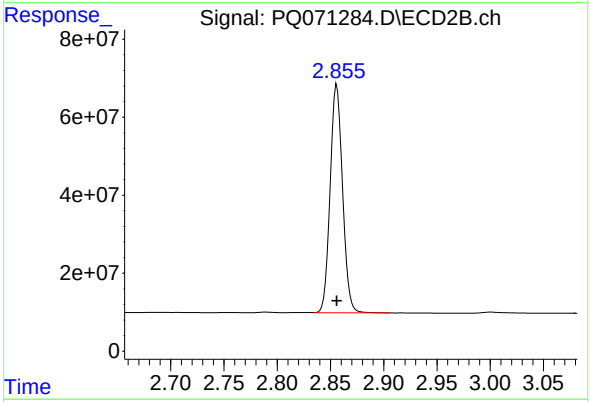




#1 Tetrachloro-m-xylene

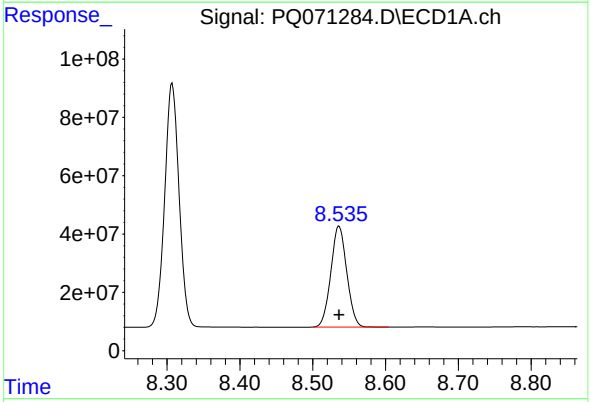
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 429979015
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



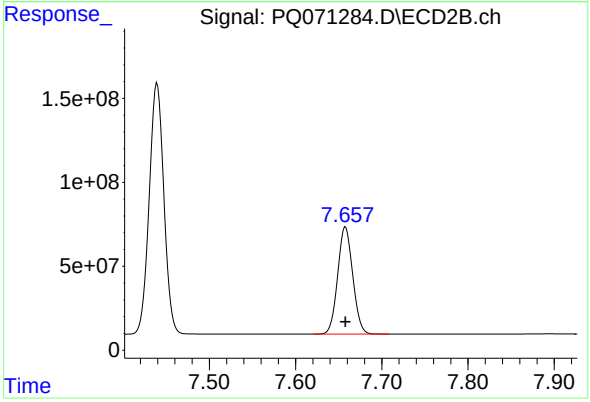
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 474109049
Conc: 50.00 ng/ml



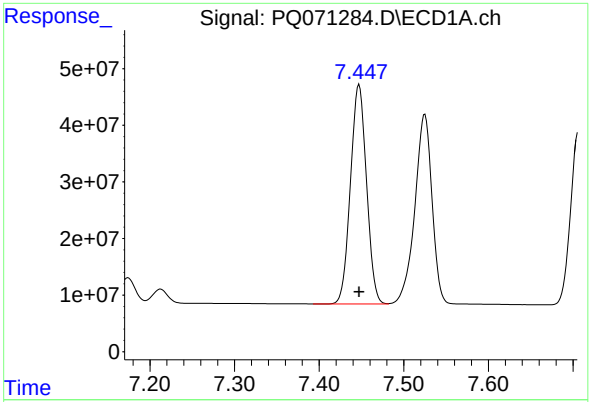
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 526004699
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

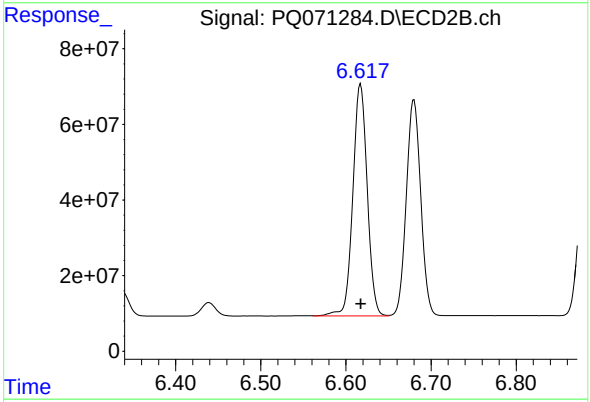
R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 773144506
Conc: 50.00 ng/ml



#41 AR-1268-1

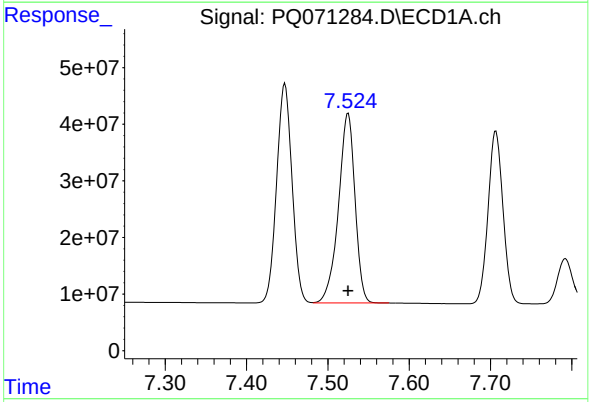
R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 510378458
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



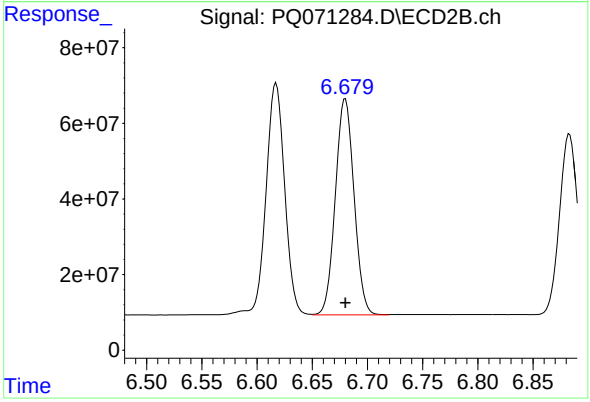
#41 AR-1268-1

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 720021410
Conc: 500.00 ng/ml



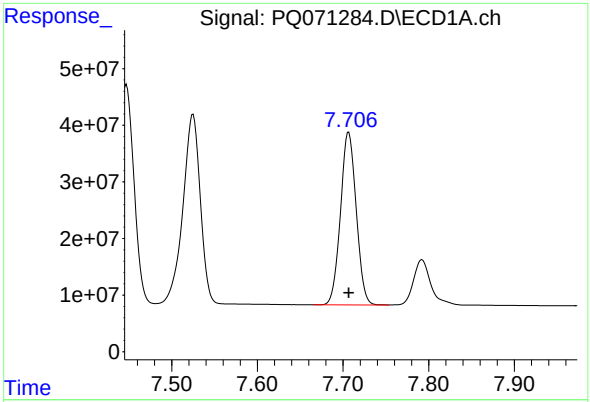
#42 AR-1268-2

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 473375286
Conc: 500.00 ng/ml



#42 AR-1268-2

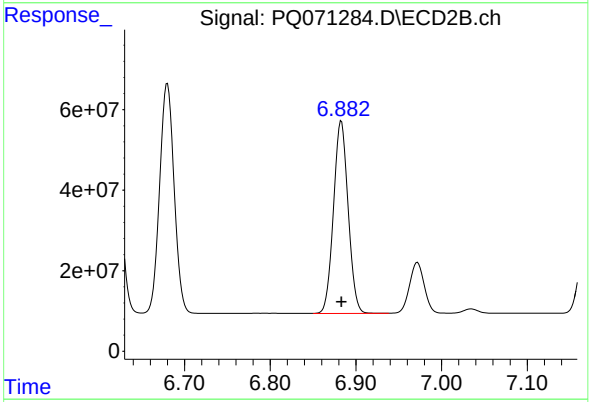
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 673856653
Conc: 500.00 ng/ml



#43 AR-1268-3

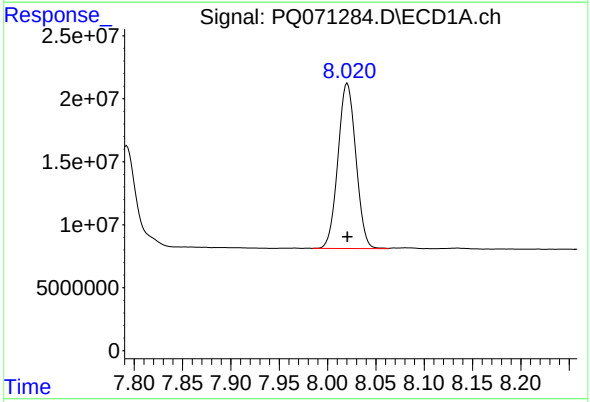
R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 388949065
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



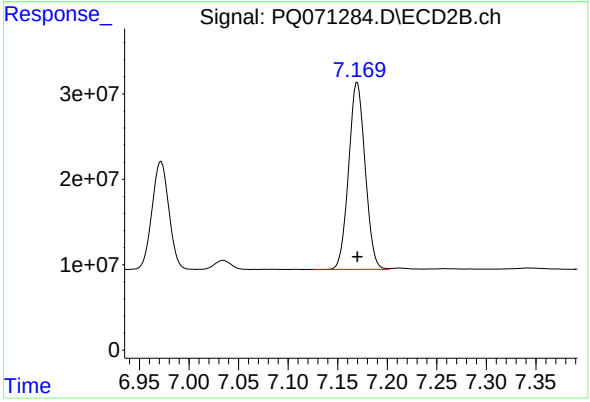
#43 AR-1268-3

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 567879128
Conc: 500.00 ng/ml



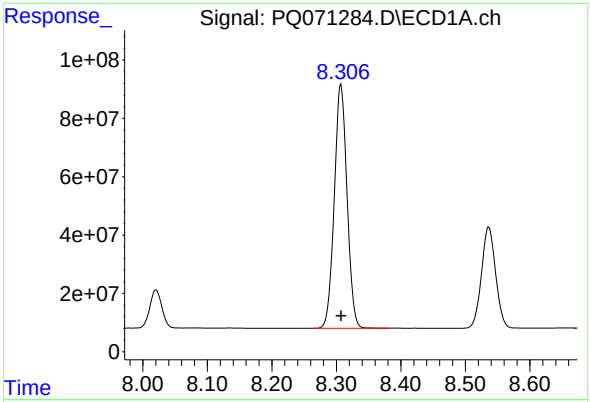
#44 AR-1268-4

R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 169164861
Conc: 500.00 ng/ml



#44 AR-1268-4

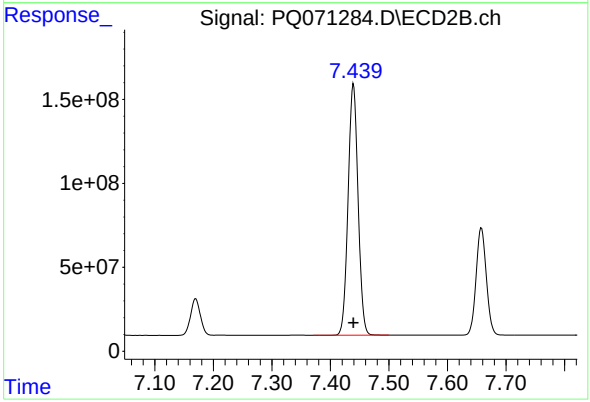
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 253566325
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 1147366168
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 1770756916
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 18:07
Operator : YP\AJ
Sample : PQ111825ICV500
Misc :
ALS Vial : 114 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 04:07:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.411	2.856	418.3E6	459.7E6	48.057	49.238
2)	SA Decachlor...	8.538	7.659	307.7E6	452.7E6	49.146	49.547
	Target Compounds						
3)	L1 AR-1016-1	4.497	3.871	158.5E6	175.7E6	479.425	485.137
4)	L1 AR-1016-2	4.517	3.887	229.3E6	245.1E6	482.184	499.040
5)	L1 AR-1016-3	4.574	4.049	144.7E6	139.6E6	484.818	502.166
6)	L1 AR-1016-4	4.664	4.098	118.4E6	109.1E6	482.247	486.710
7)	L1 AR-1016-5	4.949	4.295	114.5E6	137.6E6	484.433	493.858
31)	L7 AR-1260-1	6.043	5.296	203.4E6	242.8E6	454.601	486.597
32)	L7 AR-1260-2	6.301	5.486	245.5E6	300.2E6	480.526	495.102
33)	L7 AR-1260-3	6.653	5.629	184.0E6	298.9E6	480.682	505.526
34)	L7 AR-1260-4	6.868	6.093	201.7E6	244.7E6	482.428	494.000
35)	L7 AR-1260-5	7.175	6.338	406.8E6	567.3E6	488.813	494.075

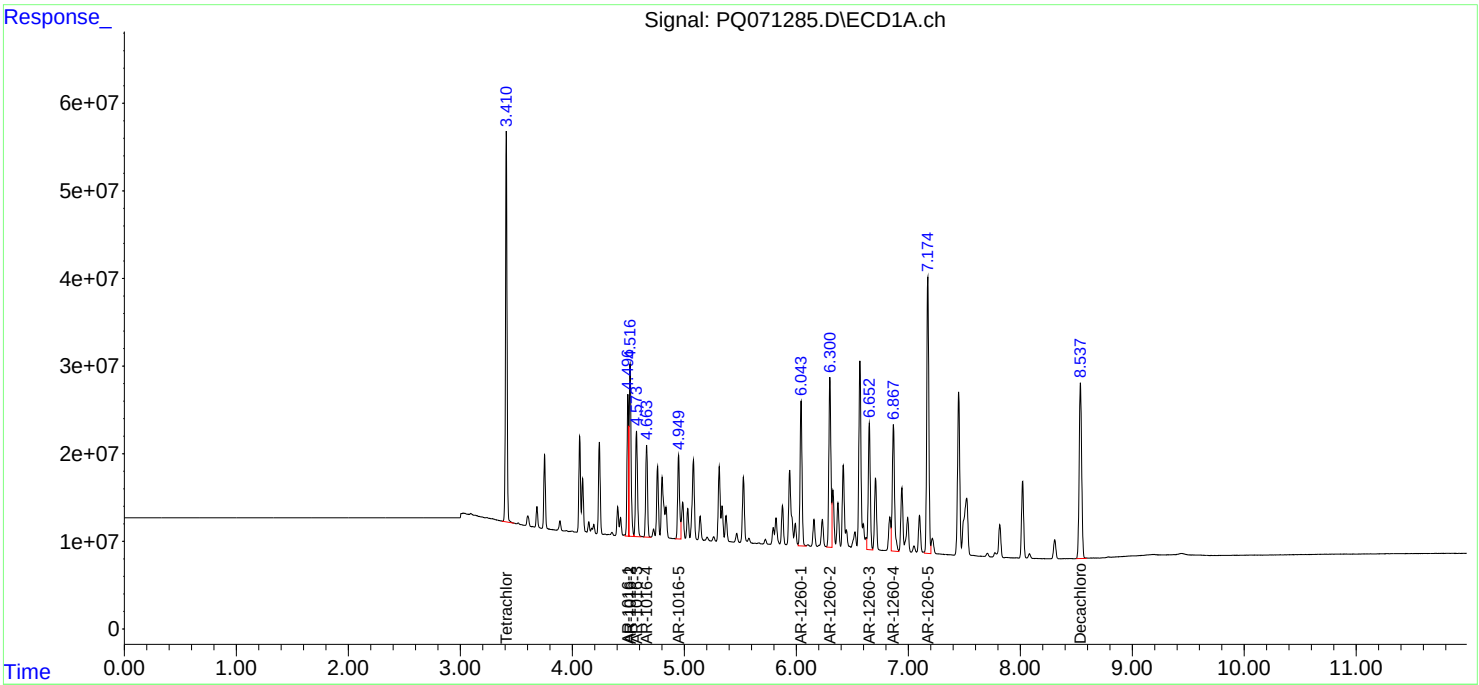
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

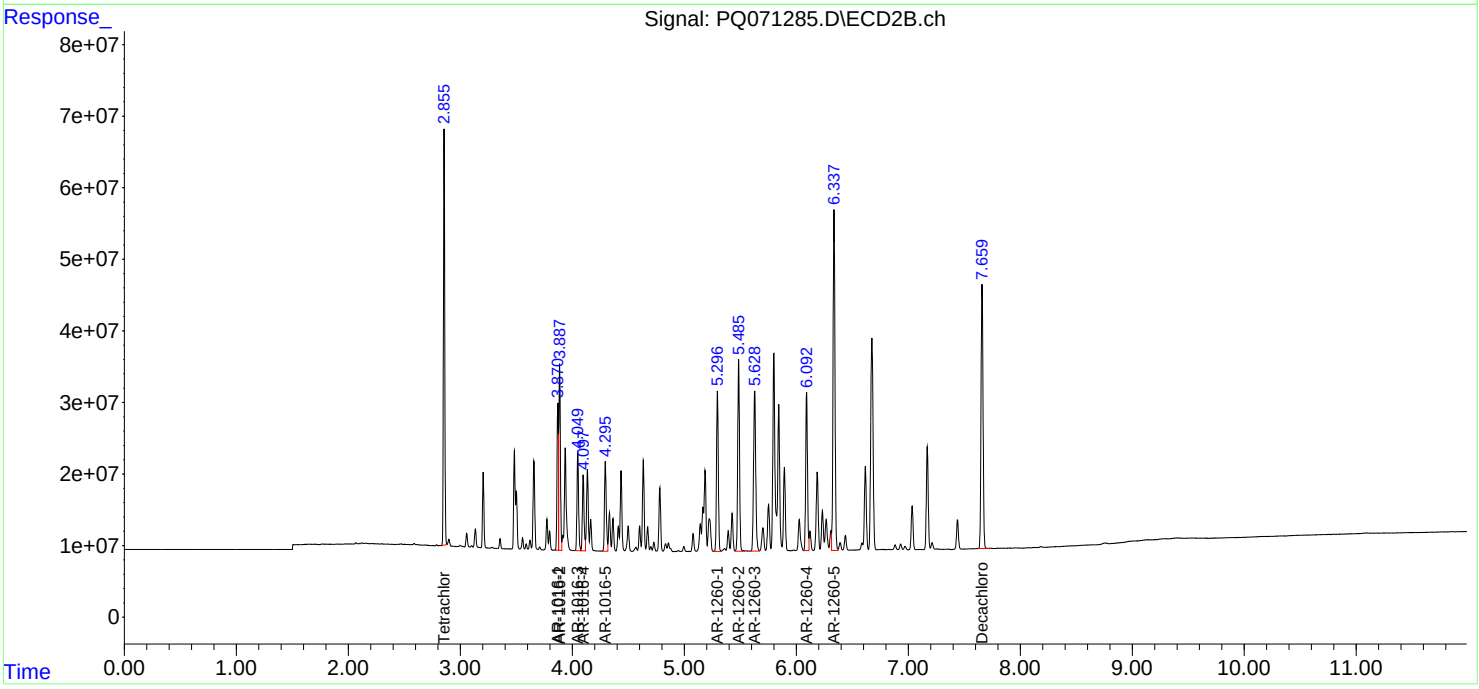
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 18:07
Operator : YP\AJ
Sample : PQ111825ICV500
Misc :
ALS Vial : 114 Sample Multiplier: 1

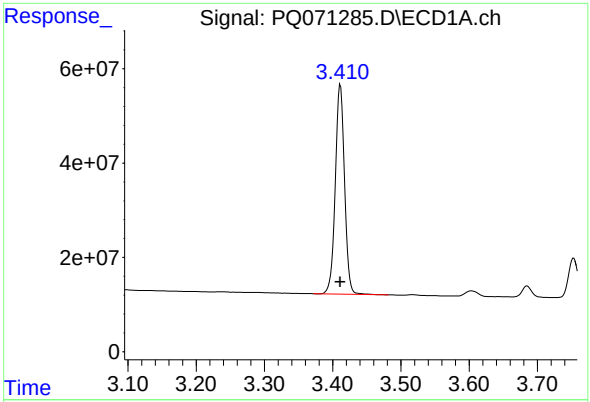
Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 04:07:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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



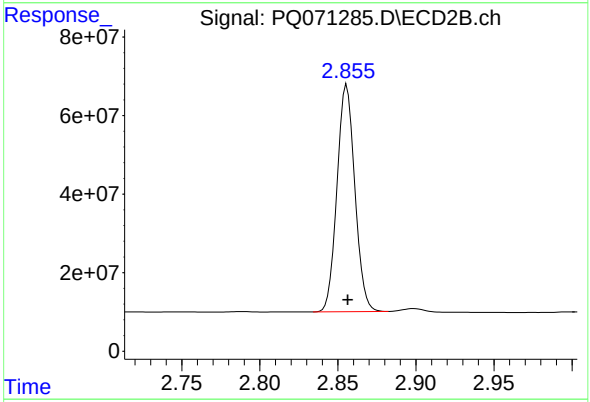




#1 Tetrachloro-m-xylene

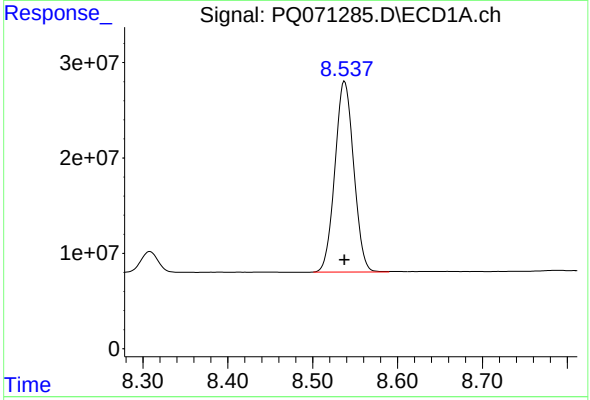
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 418345287
Conc: 48.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



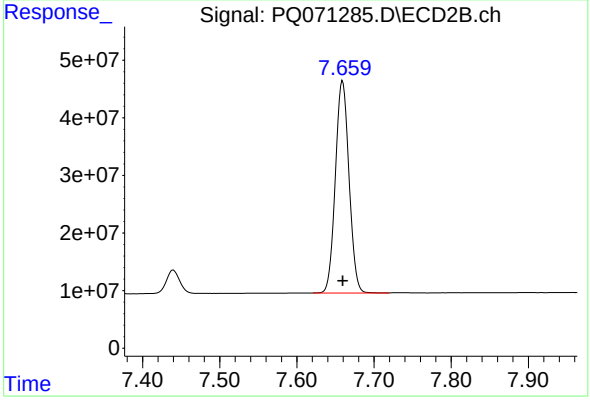
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 459723605
Conc: 49.24 ng/ml



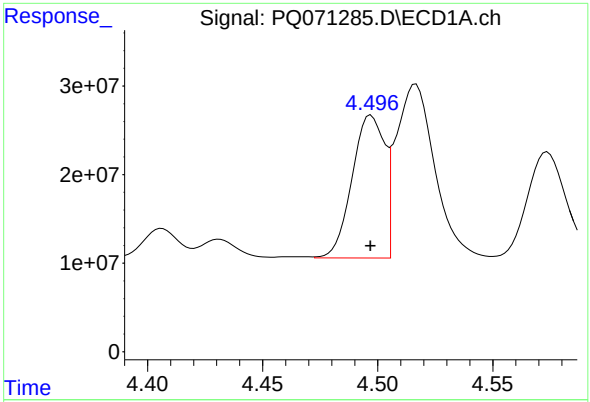
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 307731551
Conc: 49.15 ng/ml



#2 Decachlorobiphenyl

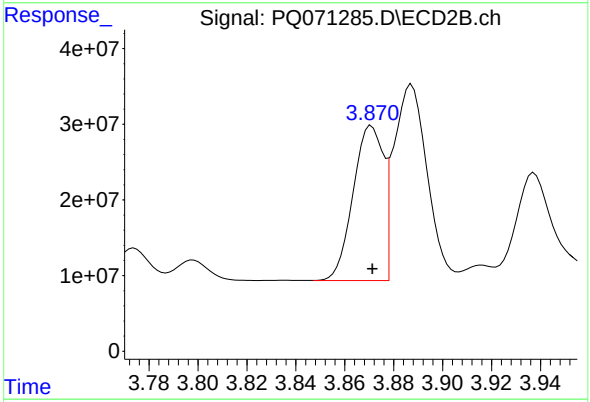
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 452743205
Conc: 49.55 ng/ml



#3 AR-1016-1

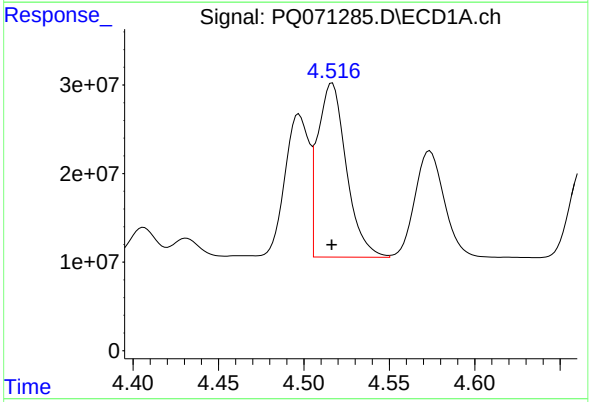
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 158473831
Conc: 479.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



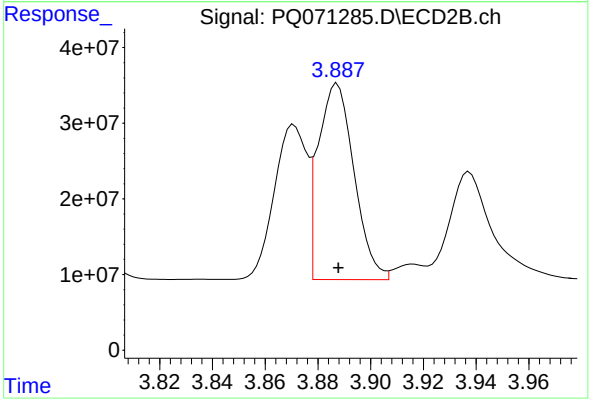
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 175679180
Conc: 485.14 ng/ml



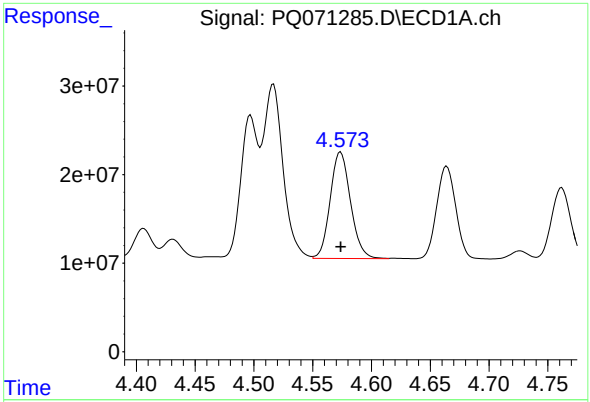
#4 AR-1016-2

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 229336158
Conc: 482.18 ng/ml



#4 AR-1016-2

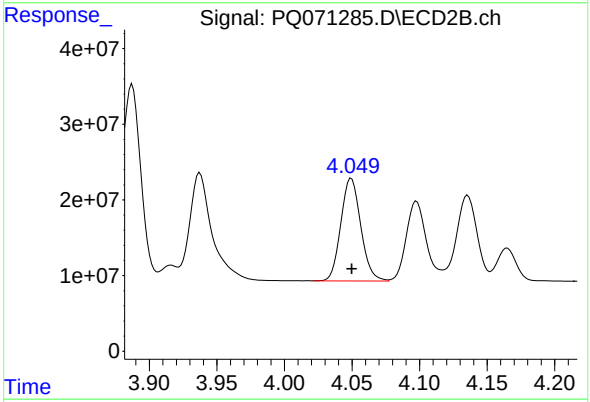
R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 245119644
Conc: 499.04 ng/ml



#5 AR-1016-3

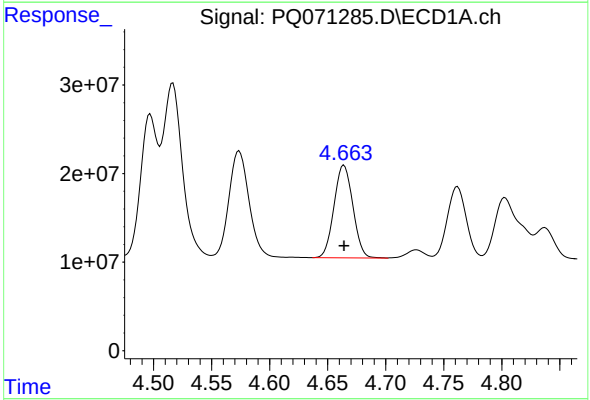
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 144697959
Conc: 484.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



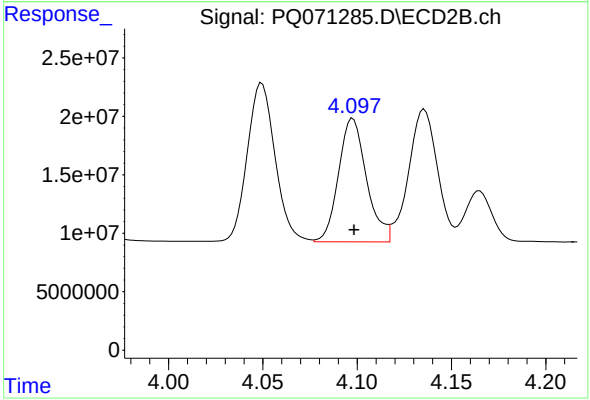
#5 AR-1016-3

R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 139598085
Conc: 502.17 ng/ml



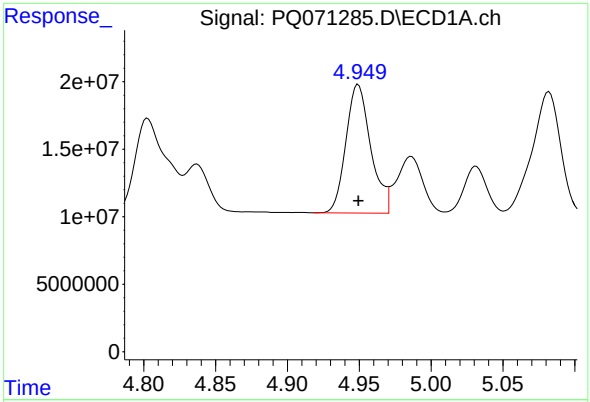
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 118414335
Conc: 482.25 ng/ml



#6 AR-1016-4

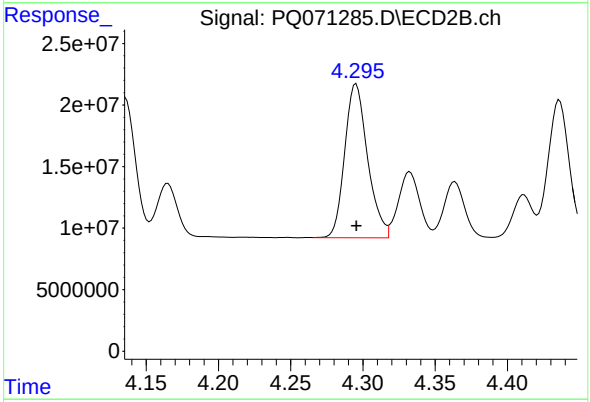
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 109143697
Conc: 486.71 ng/ml



#7 AR-1016-5

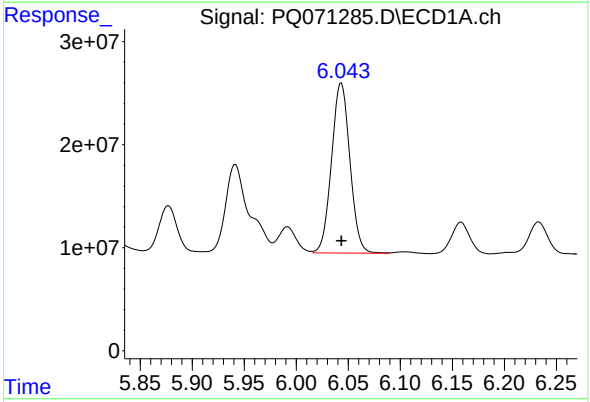
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 114527229
Conc: 484.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



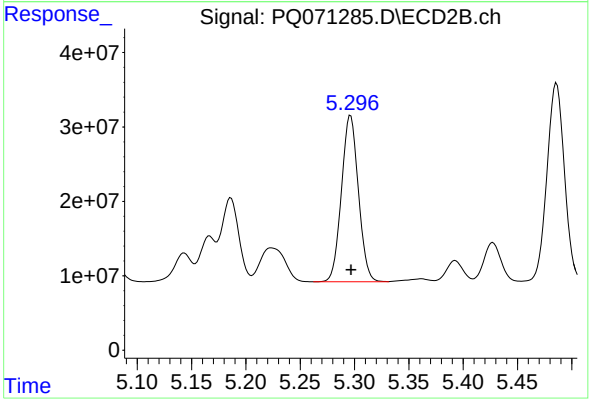
#7 AR-1016-5

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 137572974
Conc: 493.86 ng/ml



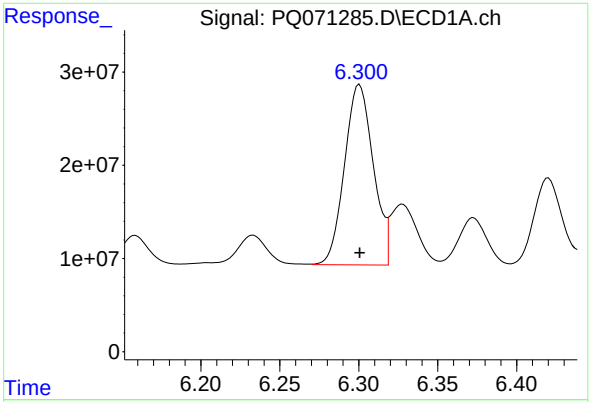
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 203432707
Conc: 454.60 ng/ml



#31 AR-1260-1

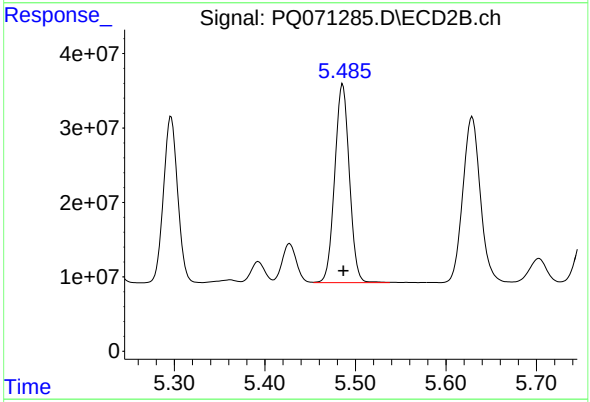
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 242776509
Conc: 486.60 ng/ml



#32 AR-1260-2

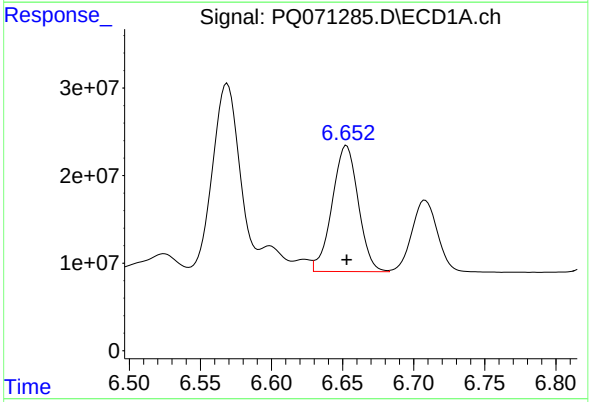
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 245507472
Conc: 480.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



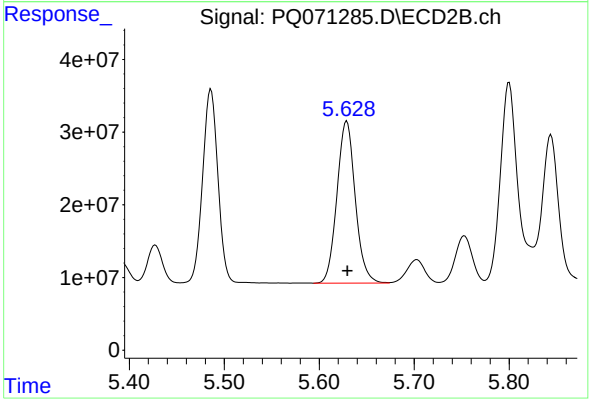
#32 AR-1260-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 300217800
Conc: 495.10 ng/ml



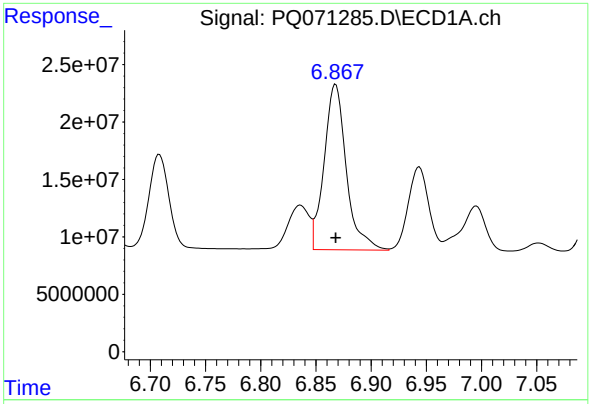
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 183973381
Conc: 480.68 ng/ml



#33 AR-1260-3

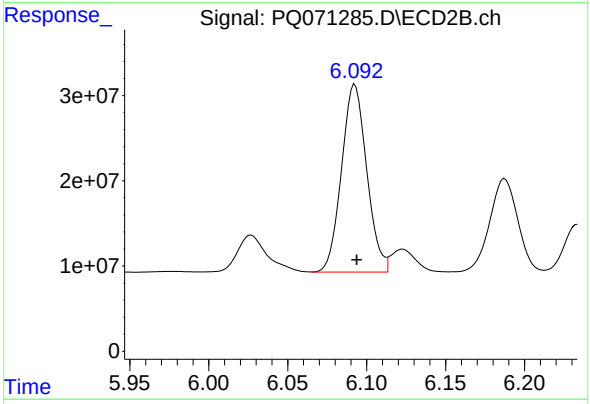
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 298859113
Conc: 505.53 ng/ml



#34 AR-1260-4

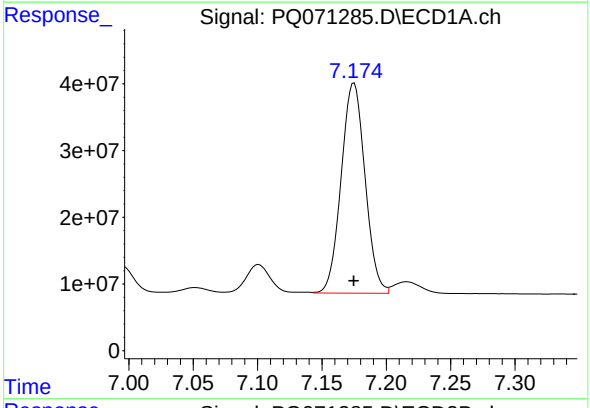
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 201724477
Conc: 482.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



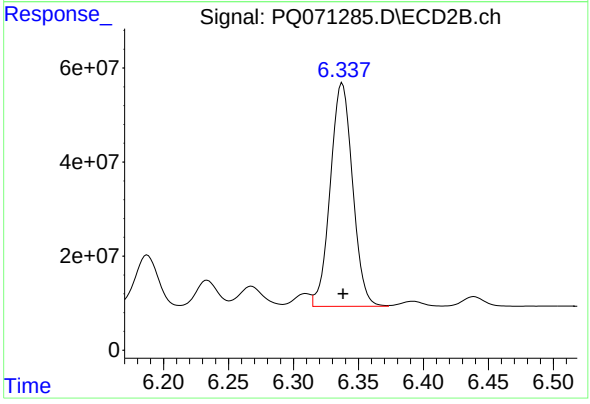
#34 AR-1260-4

R.T.: 6.093 min
Delta R.T.: -0.001 min
Response: 244717116
Conc: 494.00 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 406808770
Conc: 488.81 ng/ml



#35 AR-1260-5

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 567338905
Conc: 494.07 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.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 10:51 **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	0.01
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	0.01

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.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 10:51 **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)	6.38	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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115255.D **Time Analyzed:** 10:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.479	5.387	5.587	540.560	500.000	8.1
Aroclor-1016-2	5.501	5.408	5.608	536.050	500.000	7.2
Aroclor-1016-3	5.562	5.470	5.670	552.900	500.000	10.6
Aroclor-1016-4	5.657	5.566	5.766	559.360	500.000	11.9
Aroclor-1016-5	5.949	5.858	6.058	521.290	500.000	4.3
Aroclor-1260-1	7.063	6.971	7.171	517.640	500.000	3.5
Aroclor-1260-2	7.316	7.225	7.425	562.740	500.000	12.5
Aroclor-1260-3	7.674	7.582	7.782	559.690	500.000	11.9
Aroclor-1260-4	7.895	7.803	8.003	542.460	500.000	8.5
Aroclor-1260-5	8.202	8.110	8.310	549.580	500.000	9.9
Decachlorobiphenyl	9.917	9.830	10.030	55.630	50.000	11.3
Tetrachloro-m-xylene	4.340	4.248	4.448	54.910	50.000	9.8

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.:** Q3673

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115255.D **Time Analyzed:** 10:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.719	4.628	4.828	556.230	500.000	11.2
Aroclor-1016-2	4.738	4.647	4.847	510.610	500.000	2.1
Aroclor-1016-3	4.913	4.821	5.021	527.010	500.000	5.4
Aroclor-1016-4	4.955	4.864	5.064	521.420	500.000	4.3
Aroclor-1016-5	5.167	5.076	5.276	533.170	500.000	6.6
Aroclor-1260-1	6.196	6.106	6.306	490.360	500.000	-1.9
Aroclor-1260-2	6.384	6.294	6.494	476.010	500.000	-4.8
Aroclor-1260-3	6.536	6.446	6.646	489.220	500.000	-2.2
Aroclor-1260-4	7.007	6.917	7.117	500.090	500.000	0.0
Aroclor-1260-5	7.249	7.158	7.358	508.880	500.000	1.8
Decachlorobiphenyl	8.629	8.541	8.741	56.900	50.000	13.8
Tetrachloro-m-xylene	3.643	3.548	3.748	53.730	50.000	7.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 10:51
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 12:50:19 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...	4.340	3.643	386.5E6	240.0E6	54.913	53.730
2)	SA Decachlor...	9.917	8.629	245.9E6	222.1E6	55.633	56.905
	Target Compounds						
3)	L1 AR-1016-1	5.479	4.719	133.0E6	105.8E6	540.562	556.225m
4)	L1 AR-1016-2	5.501	4.738	212.9E6	138.3E6	536.054	510.611m
5)	L1 AR-1016-3	5.562	4.913	123.3E6	77983466	552.903	527.011
6)	L1 AR-1016-4	5.657	4.955	105.6E6	61224348	559.360	521.423
7)	L1 AR-1016-5	5.949	5.167	92892875	81422171	521.293	533.169
31)	L7 AR-1260-1	7.063	6.196	158.2E6	145.2E6	517.645	490.362
32)	L7 AR-1260-2	7.316	6.384	222.8E6	204.7E6	562.738	476.008
33)	L7 AR-1260-3	7.674	6.536	185.7E6	171.8E6	559.688	489.220
34)	L7 AR-1260-4	7.895	7.007	165.5E6	151.5E6	542.465	500.090
35)	L7 AR-1260-5	8.202	7.249	392.0E6	418.1E6	549.577	508.875

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

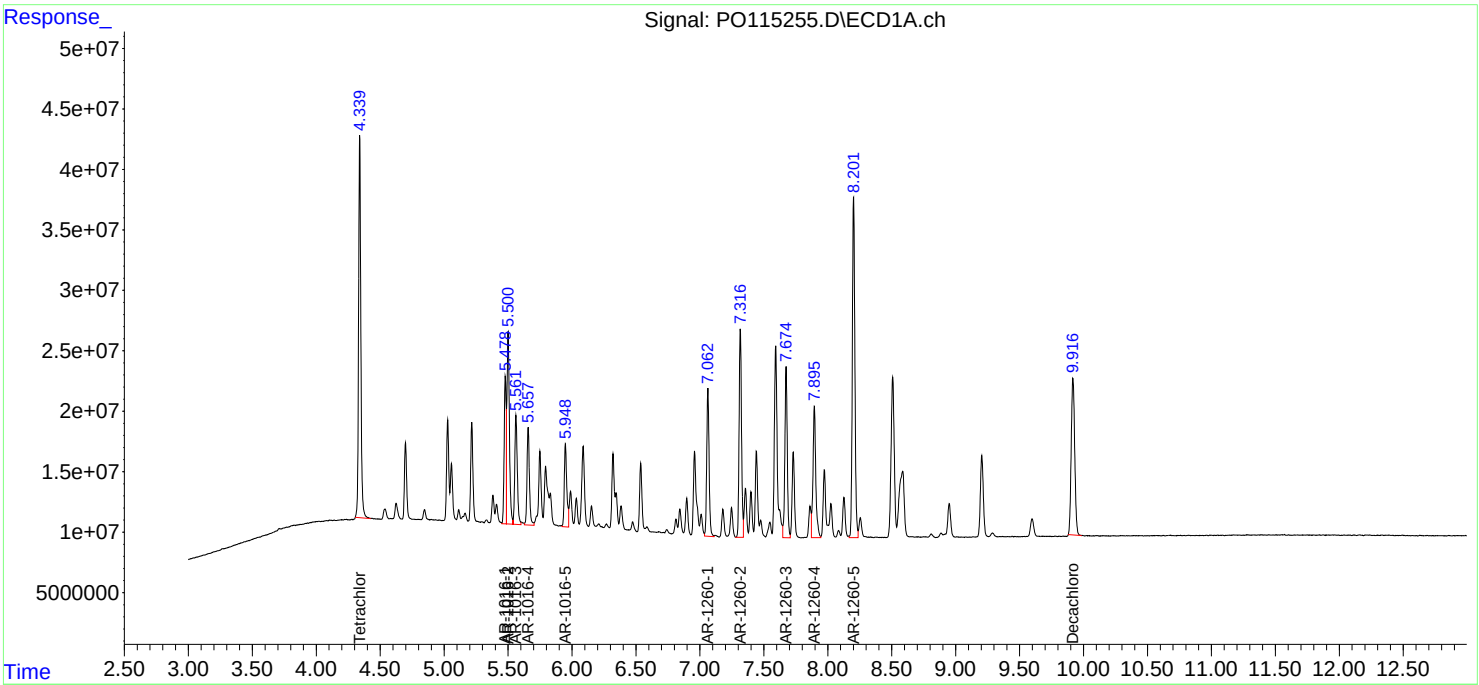
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 10:51
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

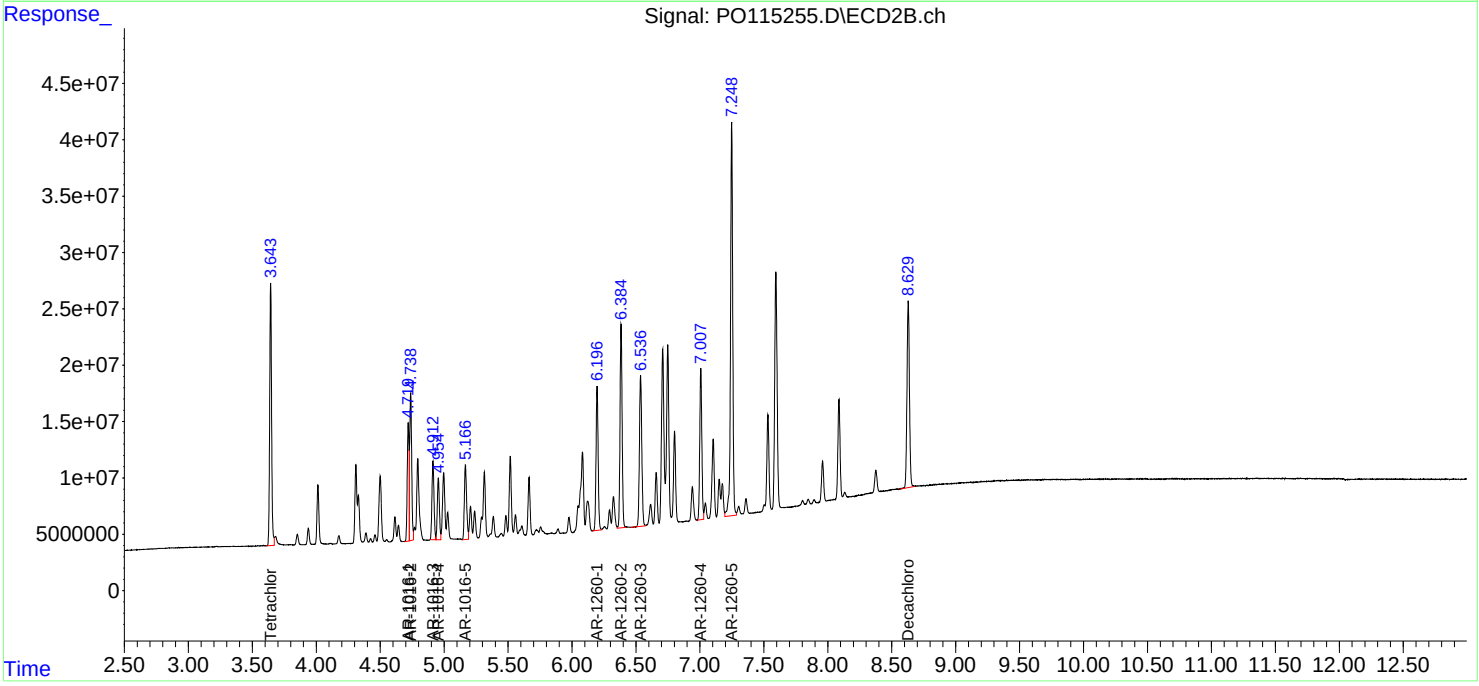
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

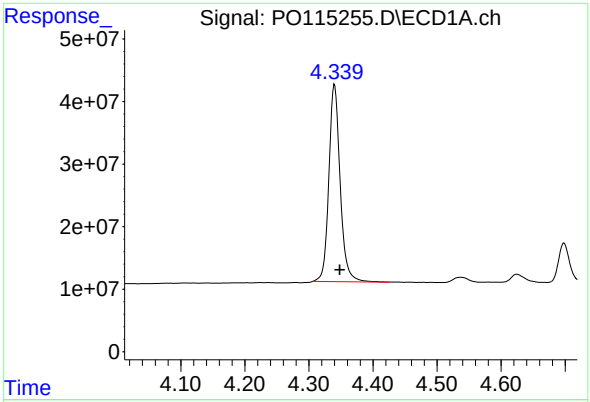
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 12:50:19 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







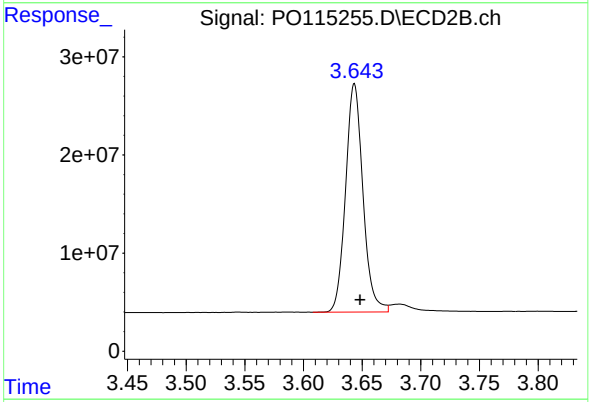
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 386484840
Conc: 54.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

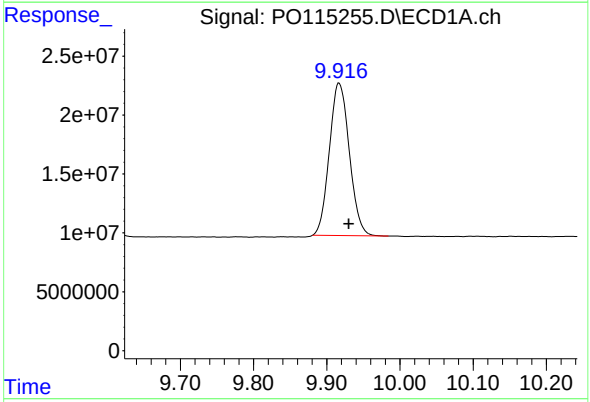
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



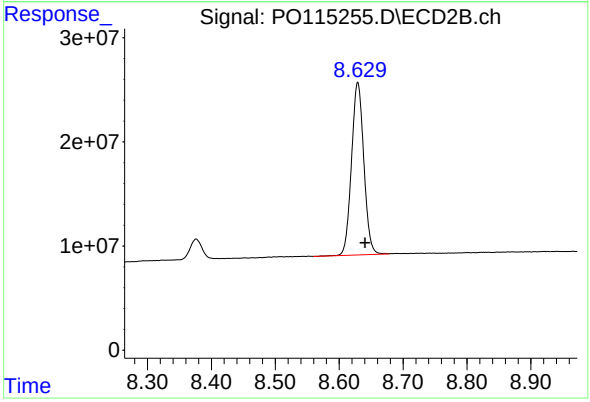
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.005 min
Response: 239999171
Conc: 53.73 ng/ml



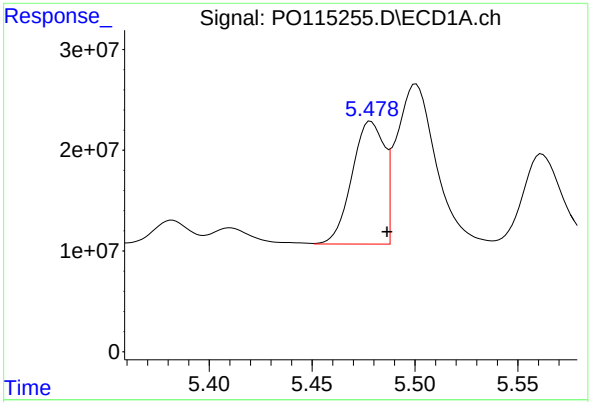
#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.013 min
Response: 245913670
Conc: 55.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.011 min
Response: 222146922
Conc: 56.90 ng/ml



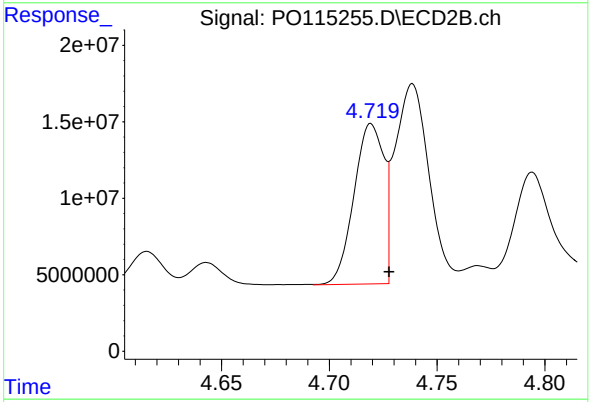
#3 AR-1016-1

R.T.: 5.479 min
Delta R.T.: -0.008 min
Response: 132989005
Conc: 540.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

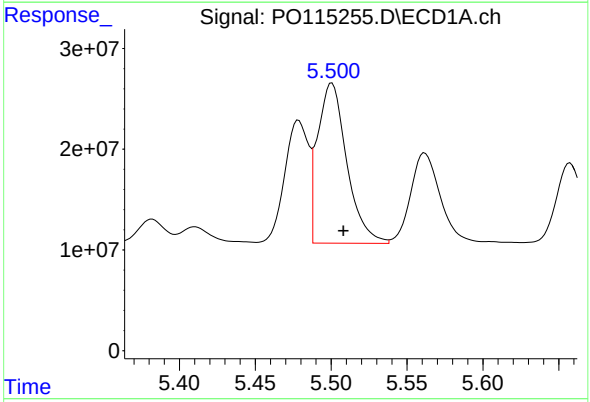
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



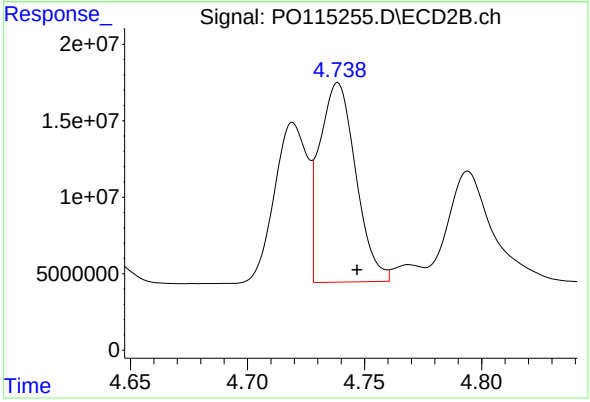
#3 AR-1016-1

R.T.: 4.719 min
Delta R.T.: -0.009 min
Response: 105824907
Conc: 556.23 ng/ml m



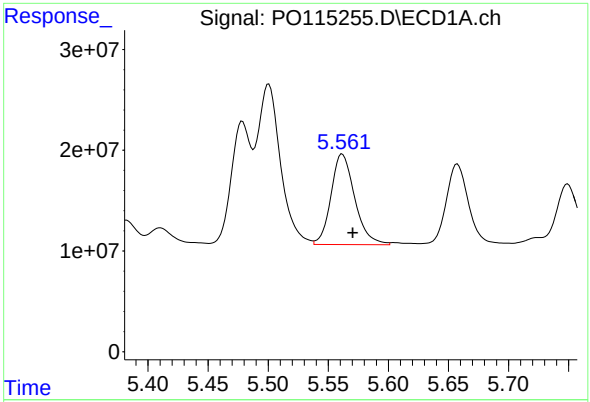
#4 AR-1016-2

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 212851327
Conc: 536.05 ng/ml



#4 AR-1016-2

R.T.: 4.738 min
Delta R.T.: -0.009 min
Response: 138306373
Conc: 510.61 ng/ml m



#5 AR-1016-3

R.T.: 5.562 min
Delta R.T.: -0.009 min
Response: 123298010
Conc: 552.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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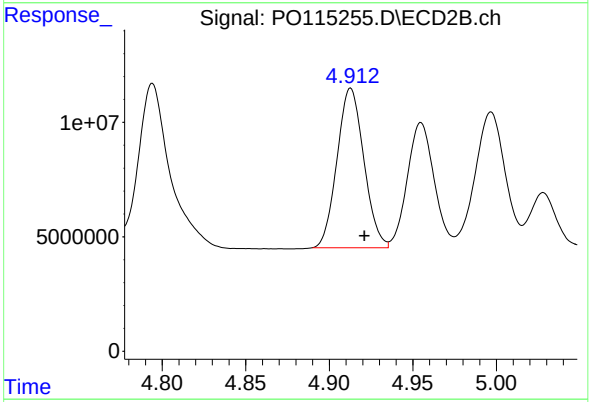
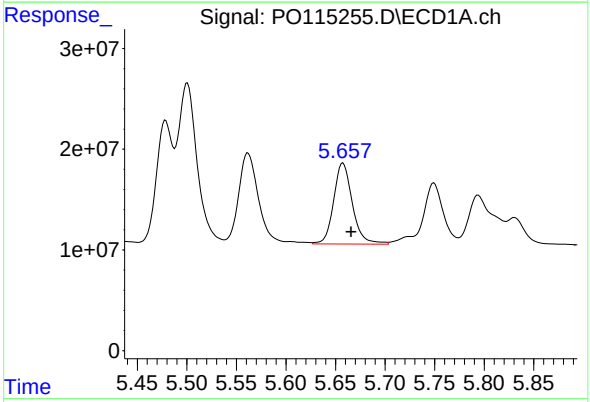
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



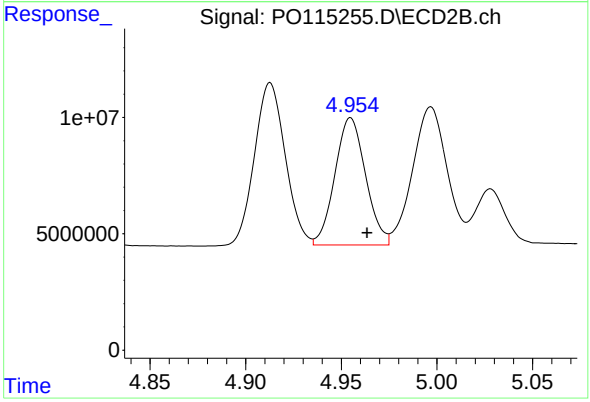
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 77983466
Conc: 527.01 ng/ml



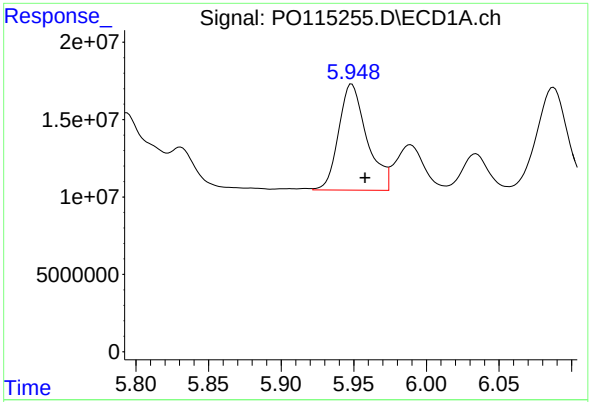
#6 AR-1016-4

R.T.: 5.657 min
Delta R.T.: -0.008 min
Response: 105649167
Conc: 559.36 ng/ml



#6 AR-1016-4

R.T.: 4.955 min
Delta R.T.: -0.009 min
Response: 61224348
Conc: 521.42 ng/ml



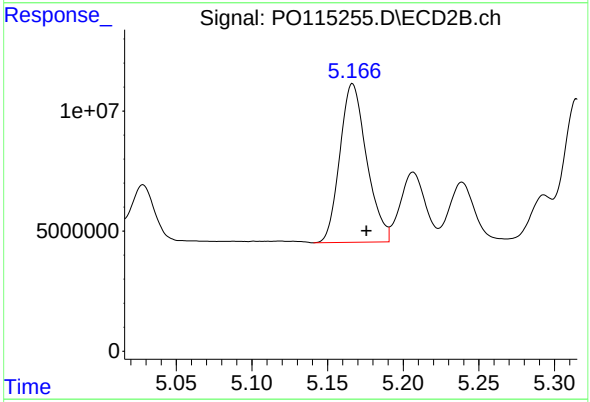
#7 AR-1016-5

R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 92892875
Conc: 521.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

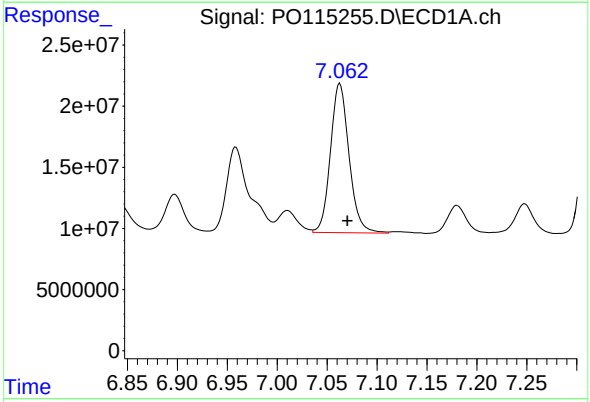
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



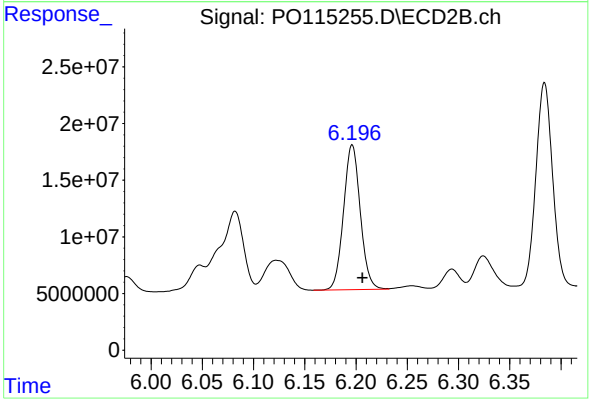
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.009 min
Response: 81422171
Conc: 533.17 ng/ml



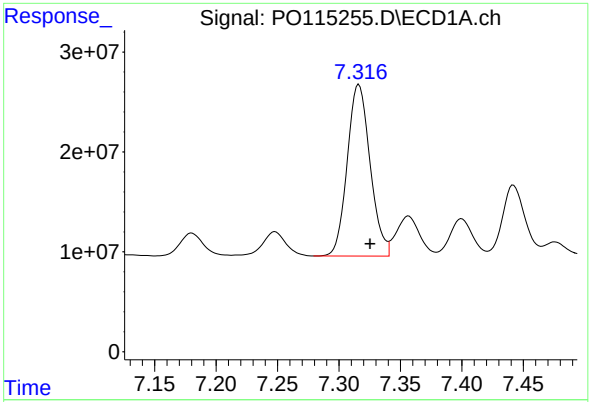
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 158209560
Conc: 517.64 ng/ml



#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.010 min
Response: 145199972
Conc: 490.36 ng/ml



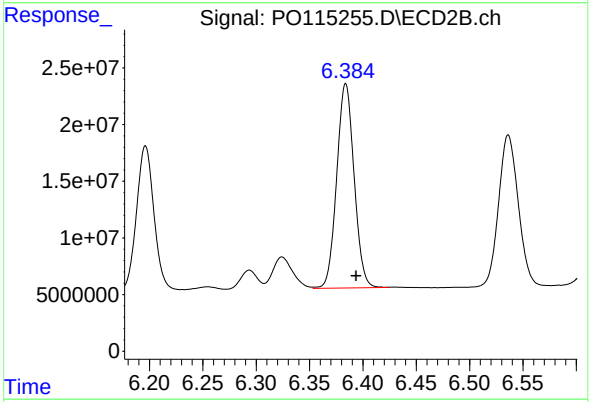
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 222775308
Conc: 562.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

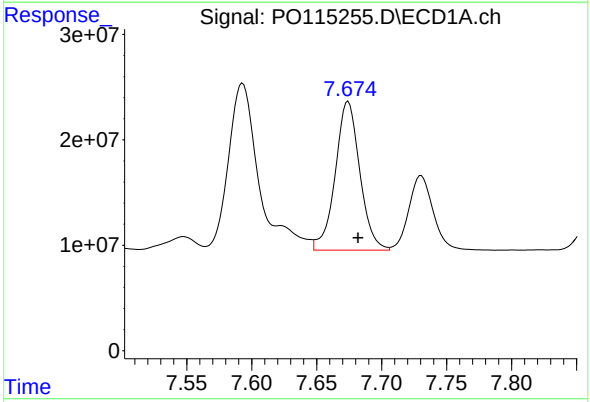
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



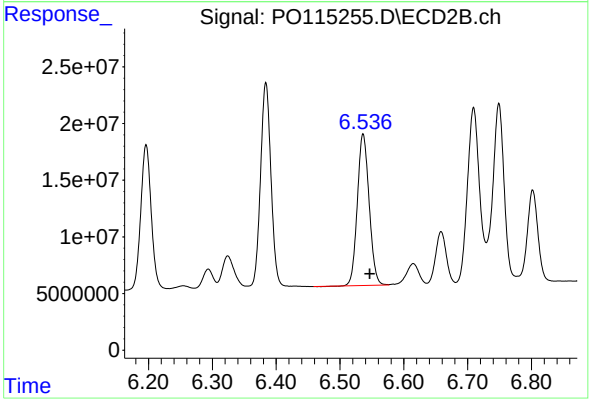
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 204698272
Conc: 476.01 ng/ml



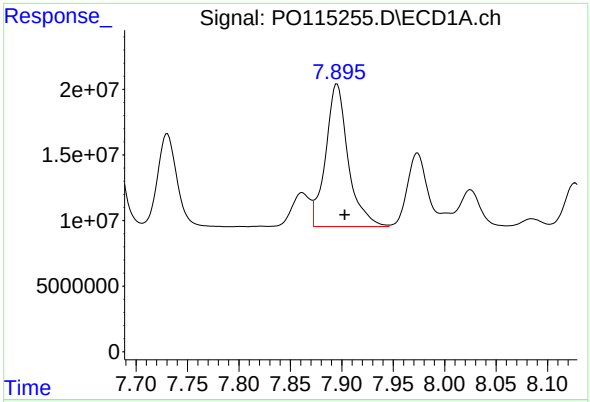
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 185714386
Conc: 559.69 ng/ml



#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.010 min
Response: 171790453
Conc: 489.22 ng/ml



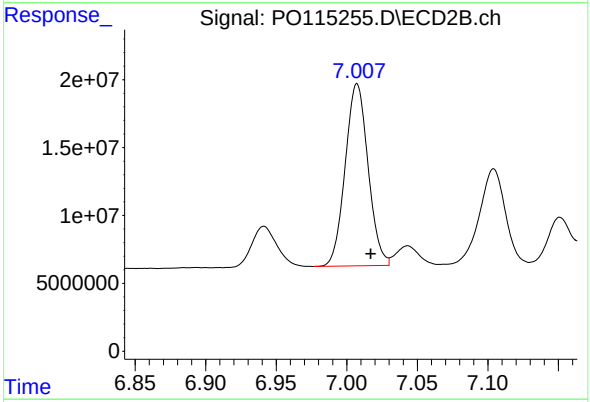
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 165462574
Conc: 542.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

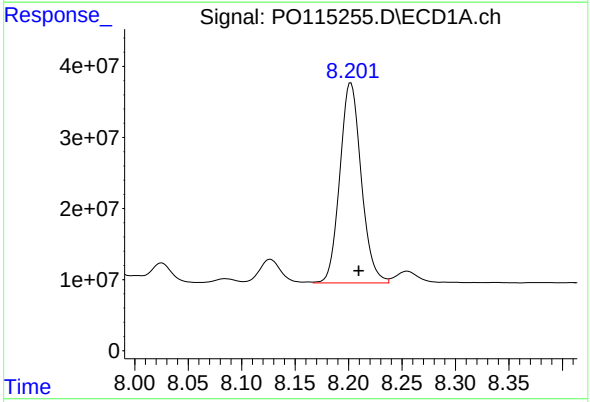
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



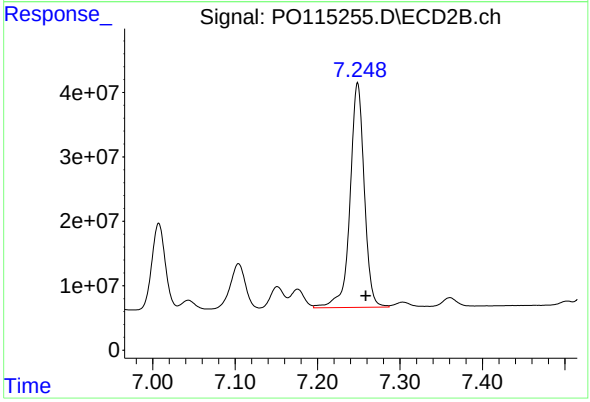
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 151541757
Conc: 500.09 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 391968234
Conc: 549.58 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 418106166
Conc: 508.88 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.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 17:04 **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	0.01
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	0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 17:04 **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	0.00
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		3.65	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.:** Q3673

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115271.D **Time Analyzed:** 17:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.480	5.387	5.587	511.280	500.000	2.3
Aroclor-1016-2	5.502	5.408	5.608	505.380	500.000	1.1
Aroclor-1016-3	5.563	5.470	5.670	528.620	500.000	5.7
Aroclor-1016-4	5.659	5.566	5.766	516.660	500.000	3.3
Aroclor-1016-5	5.950	5.858	6.058	501.060	500.000	0.2
Aroclor-1260-1	7.064	6.971	7.171	492.400	500.000	-1.5
Aroclor-1260-2	7.317	7.225	7.425	529.780	500.000	6.0
Aroclor-1260-3	7.674	7.582	7.782	529.030	500.000	5.8
Aroclor-1260-4	7.895	7.803	8.003	518.210	500.000	3.6
Aroclor-1260-5	8.202	8.110	8.310	514.380	500.000	2.9
Decachlorobiphenyl	9.917	9.830	10.030	52.250	50.000	4.5
Tetrachloro-m-xylene	4.341	4.248	4.448	51.870	50.000	3.7

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.:** Q3673

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115271.D **Time Analyzed:** 17:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.721	4.628	4.828	513.940	500.000	2.8
Aroclor-1016-2	4.740	4.647	4.847	487.770	500.000	-2.4
Aroclor-1016-3	4.914	4.821	5.021	496.740	500.000	-0.7
Aroclor-1016-4	4.957	4.864	5.064	493.770	500.000	-1.2
Aroclor-1016-5	5.168	5.076	5.276	501.380	500.000	0.3
Aroclor-1260-1	6.198	6.106	6.306	459.360	500.000	-8.1
Aroclor-1260-2	6.386	6.294	6.494	444.420	500.000	-11.1
Aroclor-1260-3	6.538	6.446	6.646	455.360	500.000	-8.9
Aroclor-1260-4	7.009	6.917	7.117	464.150	500.000	-7.2
Aroclor-1260-5	7.250	7.158	7.358	469.900	500.000	-6.0
Decachlorobiphenyl	8.631	8.541	8.741	52.920	50.000	5.8
Tetrachloro-m-xylene	3.645	3.548	3.748	50.070	50.000	0.1

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 17:04
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:52:12 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...	4.341	3.645	365.1E6	223.7E6	51.872m	50.072
2)	SA Decachlor...	9.917	8.631	231.0E6	206.6E6	52.250	52.921
	Target Compounds						
3)	L1 AR-1016-1	5.480	4.721	125.8E6	97780400	511.281	513.943m
4)	L1 AR-1016-2	5.502	4.740	200.7E6	132.1E6	505.381	487.770m
5)	L1 AR-1016-3	5.563	4.914	117.9E6	73503548	528.616	496.736
6)	L1 AR-1016-4	5.659	4.957	97583660	57977147	516.657	493.768
7)	L1 AR-1016-5	5.950	5.168	89286825	76567483	501.056	501.380
31)	L7 AR-1260-1	7.064	6.198	150.5E6	136.0E6	492.402	459.363
32)	L7 AR-1260-2	7.317	6.386	209.7E6	191.1E6	529.783	444.416
33)	L7 AR-1260-3	7.674	6.538	175.5E6	159.9E6	529.031	455.356
34)	L7 AR-1260-4	7.895	7.009	158.1E6	140.7E6	518.209	464.154
35)	L7 AR-1260-5	8.202	7.250	366.9E6	386.1E6	514.380	469.905

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 17:04
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

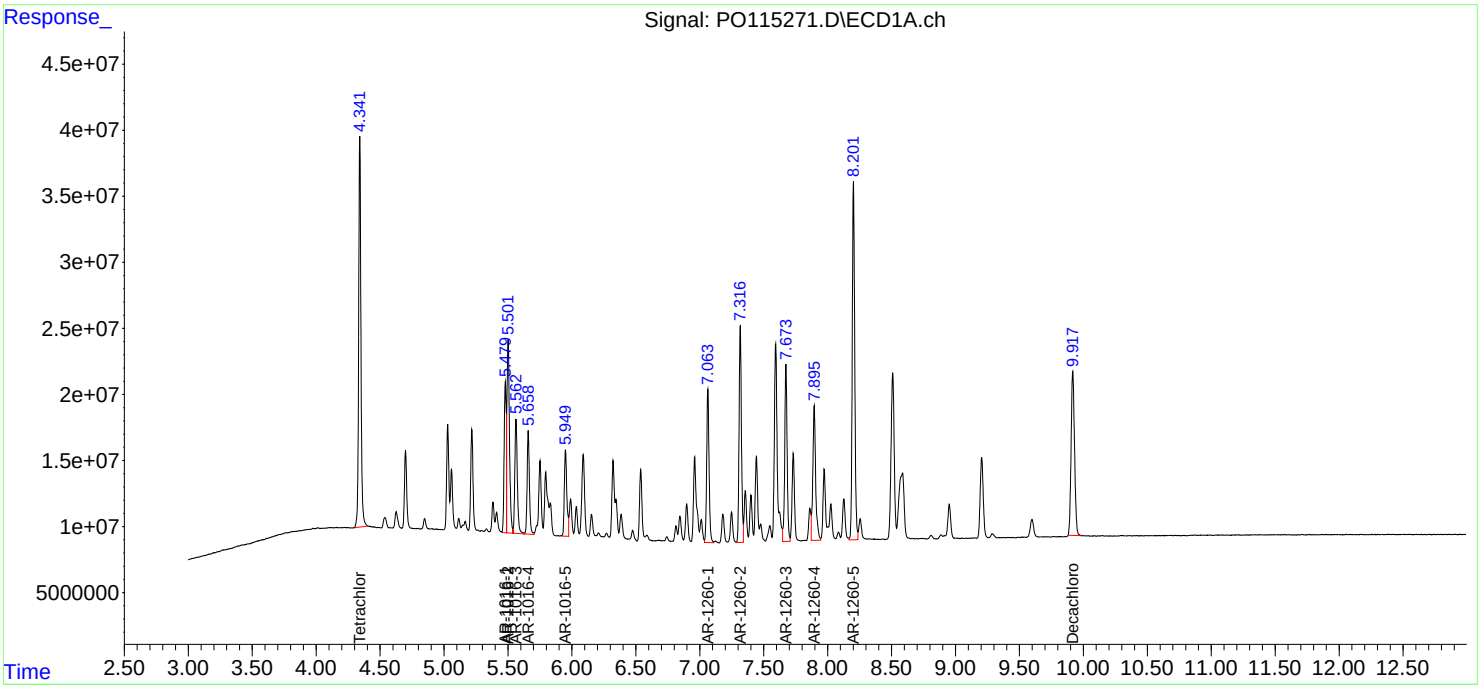
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

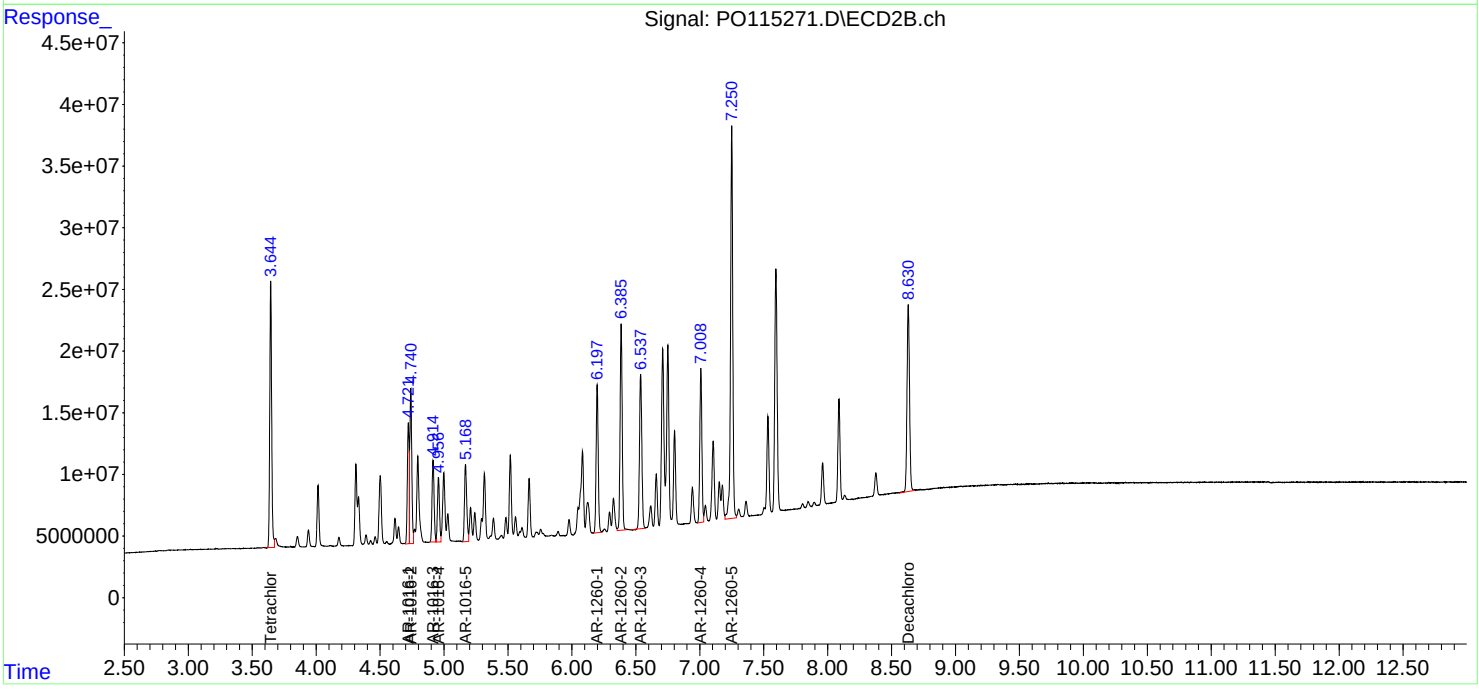
Manual Integrations APPROVED

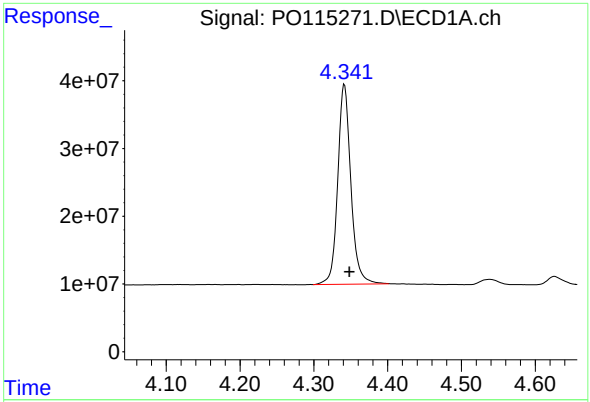
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:52:12 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







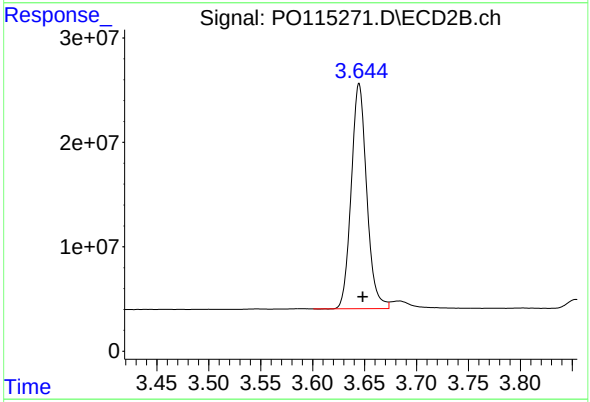
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 365083395
Conc: 51.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

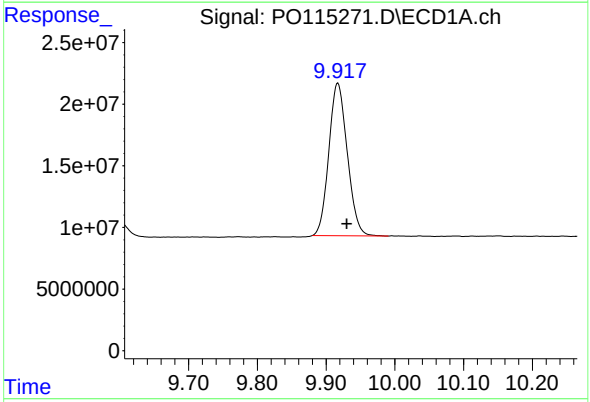
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



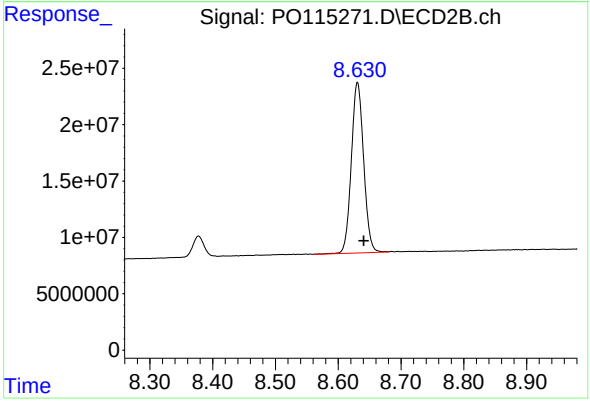
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.003 min
Response: 223660312
Conc: 50.07 ng/ml



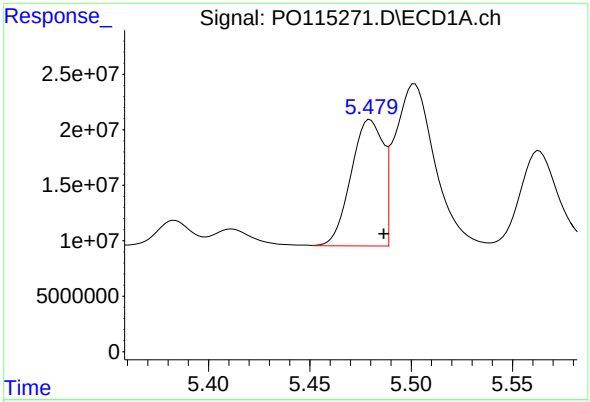
#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.013 min
Response: 230957269
Conc: 52.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.631 min
Delta R.T.: -0.010 min
Response: 206596098
Conc: 52.92 ng/ml



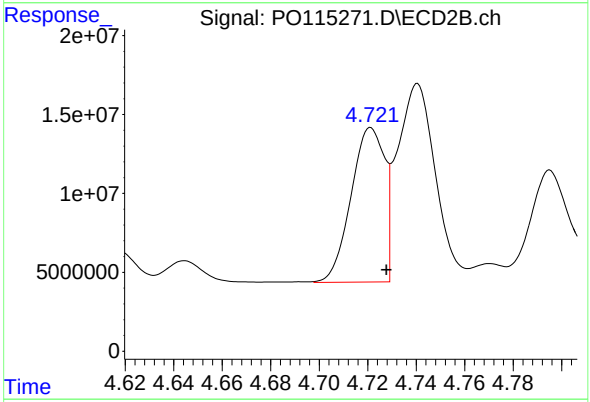
#3 AR-1016-1

R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 125785272
Conc: 511.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

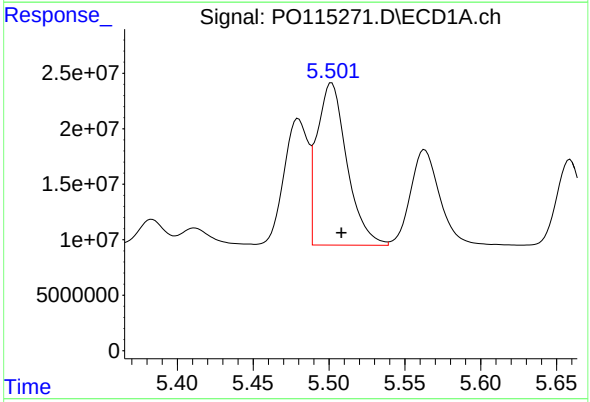
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



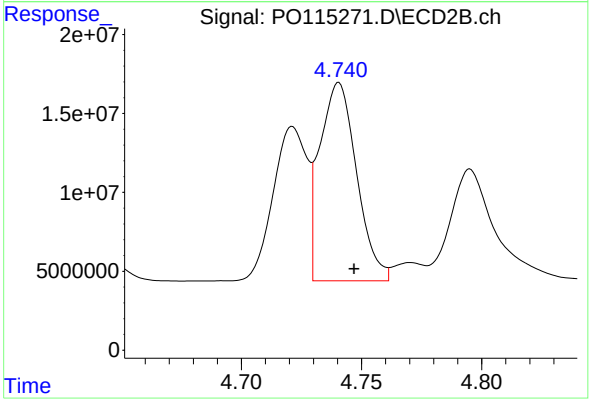
#3 AR-1016-1

R.T.: 4.721 min
Delta R.T.: -0.007 min
Response: 97780400
Conc: 513.94 ng/ml m



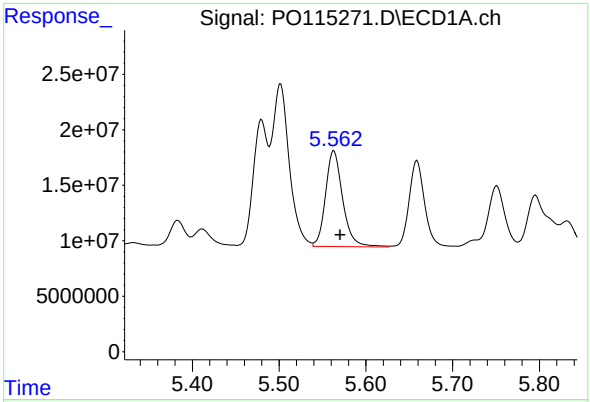
#4 AR-1016-2

R.T.: 5.502 min
Delta R.T.: -0.006 min
Response: 200672013
Conc: 505.38 ng/ml



#4 AR-1016-2

R.T.: 4.740 min
Delta R.T.: -0.007 min
Response: 132119638
Conc: 487.77 ng/ml m



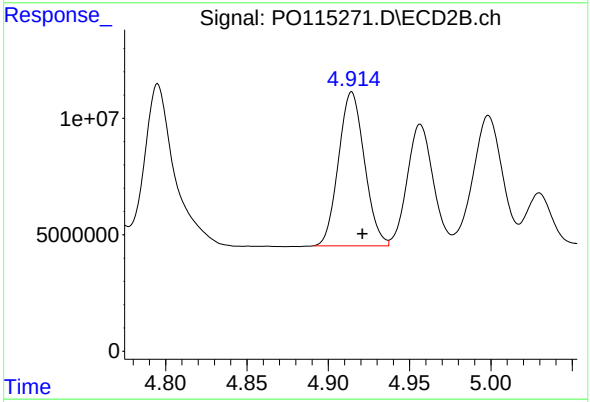
#5 AR-1016-3

R.T.: 5.563 min
Delta R.T.: -0.007 min
Response: 117881836
Conc: 528.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

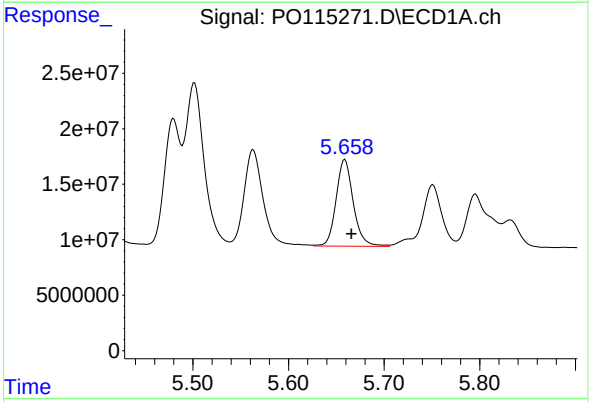
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



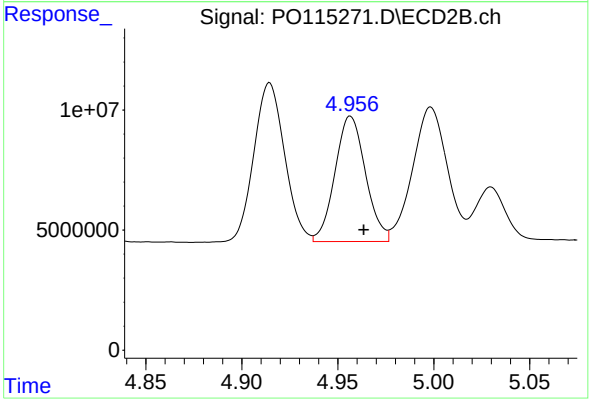
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.007 min
Response: 73503548
Conc: 496.74 ng/ml



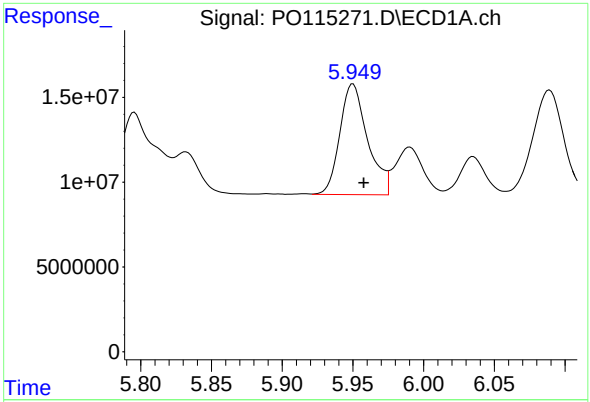
#6 AR-1016-4

R.T.: 5.659 min
Delta R.T.: -0.007 min
Response: 97583660
Conc: 516.66 ng/ml



#6 AR-1016-4

R.T.: 4.957 min
Delta R.T.: -0.007 min
Response: 57977147
Conc: 493.77 ng/ml



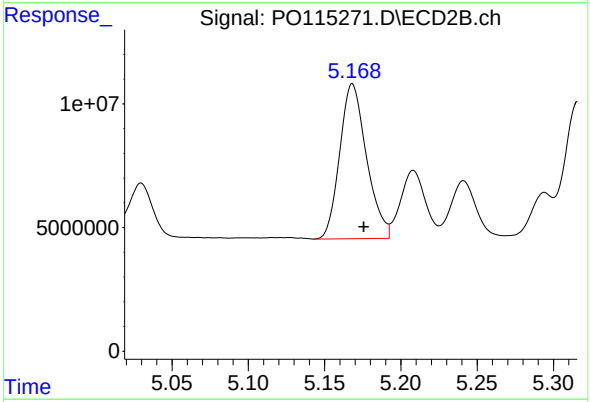
#7 AR-1016-5

R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 89286825
Conc: 501.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

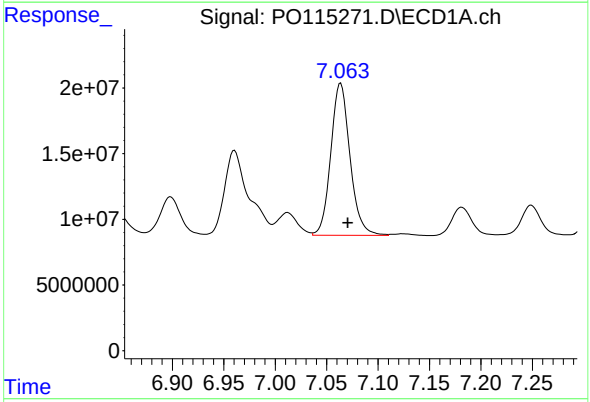
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



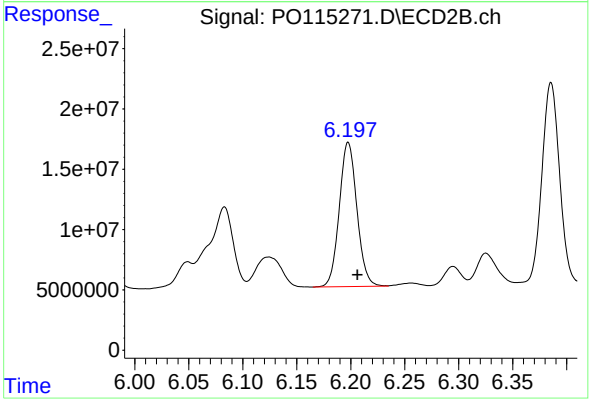
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.007 min
Response: 76567483
Conc: 501.38 ng/ml



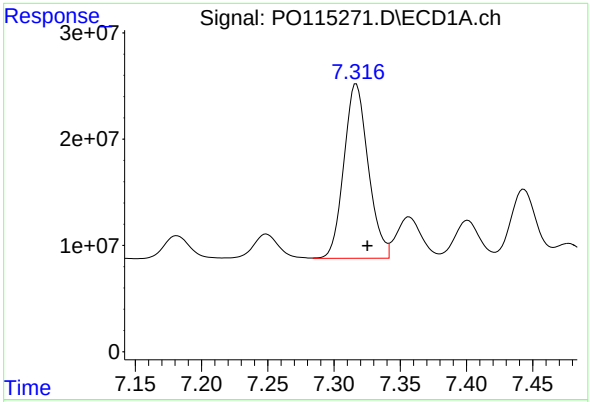
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 150494522
Conc: 492.40 ng/ml



#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.009 min
Response: 136020841
Conc: 459.36 ng/ml



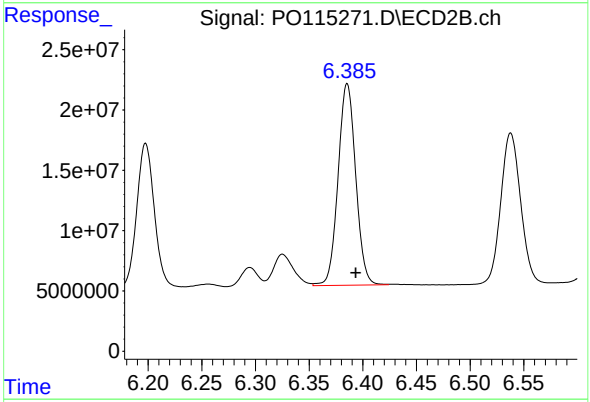
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 209729030
Conc: 529.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

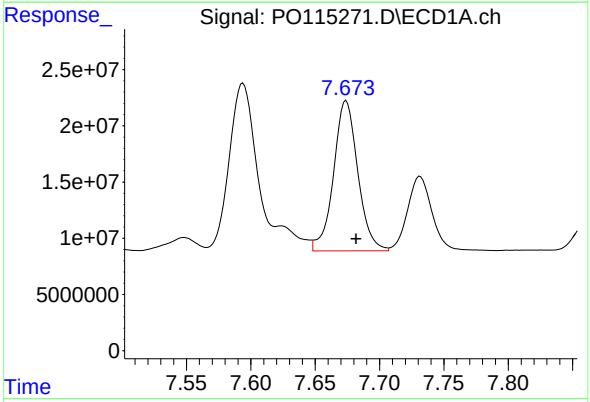
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



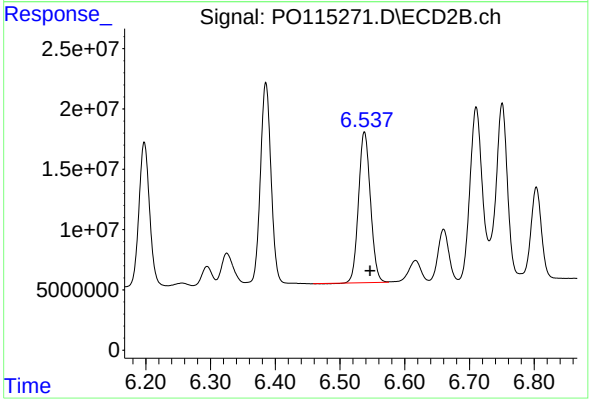
#32 AR-1260-2

R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 191112906
Conc: 444.42 ng/ml



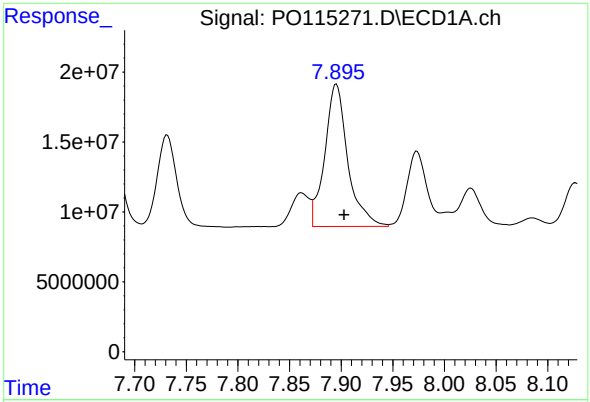
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 175542026
Conc: 529.03 ng/ml



#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 159898953
Conc: 455.36 ng/ml



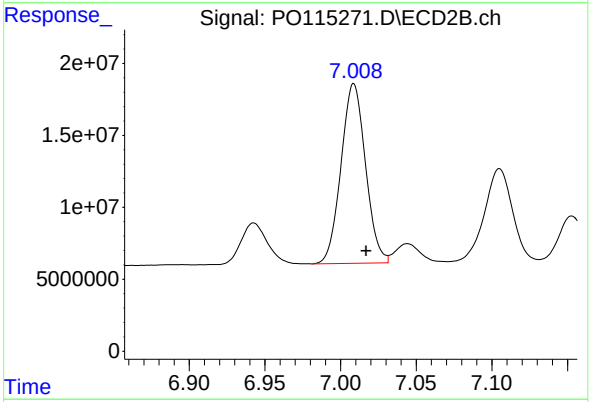
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 158064260
Conc: 518.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

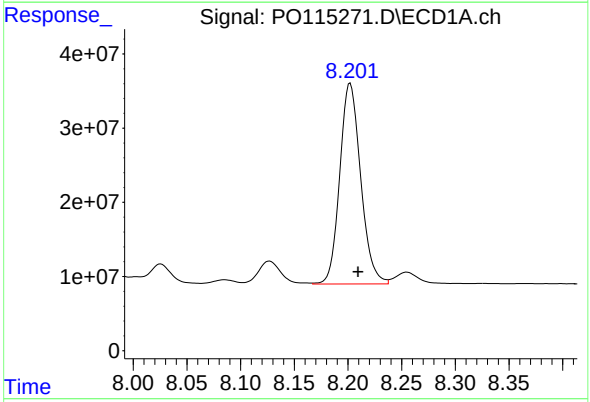
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



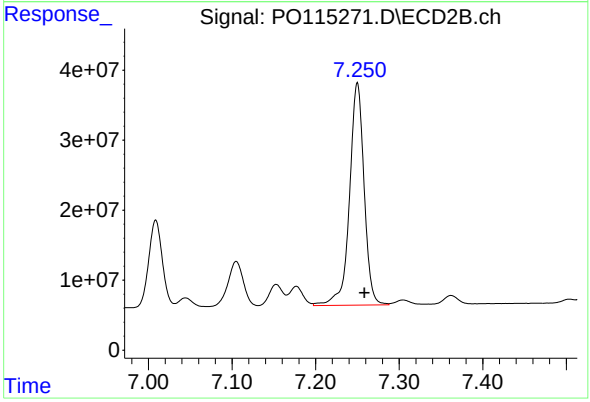
#34 AR-1260-4

R.T.: 7.009 min
Delta R.T.: -0.008 min
Response: 140651847
Conc: 464.15 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 366865713
Conc: 514.38 ng/ml



#35 AR-1260-5

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 386086753
Conc: 469.90 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.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 23:30 **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	0.01
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	0.01

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.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 23:30 **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)	6.38	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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115287.D **Time Analyzed:** 23:30

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.478	5.387	5.587	519.920	500.000	4.0
Aroclor-1016-2	5.500	5.408	5.608	508.370	500.000	1.7
Aroclor-1016-3	5.561	5.470	5.670	532.720	500.000	6.5
Aroclor-1016-4	5.657	5.566	5.766	519.080	500.000	3.8
Aroclor-1016-5	5.948	5.858	6.058	510.590	500.000	2.1
Aroclor-1260-1	7.062	6.971	7.171	511.360	500.000	2.3
Aroclor-1260-2	7.315	7.225	7.425	542.750	500.000	8.6
Aroclor-1260-3	7.672	7.582	7.782	537.370	500.000	7.5
Aroclor-1260-4	7.895	7.803	8.003	523.740	500.000	4.7
Aroclor-1260-5	8.200	8.110	8.310	524.150	500.000	4.8
Decachlorobiphenyl	9.916	9.830	10.030	54.210	50.000	8.4
Tetrachloro-m-xylene	4.340	4.248	4.448	51.960	50.000	3.9

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.:** Q3673

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115287.D **Time Analyzed:** 23:30

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.719	4.628	4.828	492.720	500.000	-1.5
Aroclor-1016-2	4.739	4.647	4.847	480.960	500.000	-3.8
Aroclor-1016-3	4.912	4.821	5.021	500.290	500.000	0.1
Aroclor-1016-4	4.955	4.864	5.064	491.120	500.000	-1.8
Aroclor-1016-5	5.167	5.076	5.276	528.530	500.000	5.7
Aroclor-1260-1	6.196	6.106	6.306	464.970	500.000	-7.0
Aroclor-1260-2	6.383	6.294	6.494	455.540	500.000	-8.9
Aroclor-1260-3	6.536	6.446	6.646	464.390	500.000	-7.1
Aroclor-1260-4	7.007	6.917	7.117	469.760	500.000	-6.0
Aroclor-1260-5	7.248	7.158	7.358	474.240	500.000	-5.2
Decachlorobiphenyl	8.629	8.541	8.741	53.290	50.000	6.6
Tetrachloro-m-xylene	3.644	3.548	3.748	50.640	50.000	1.3

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 23:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:56:44 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	365.7E6	226.2E6	51.959	50.637
2)	SA Decachlor...	9.916	8.629	239.6E6	208.1E6	54.214m	53.295
	Target Compounds						
3)	L1 AR-1016-1	5.478	4.719	127.9E6	93743572	519.920	492.725m
4)	L1 AR-1016-2	5.500	4.739	201.9E6	130.3E6	508.373	480.964m
5)	L1 AR-1016-3	5.561	4.912	118.8E6	74029980	532.720	500.293
6)	L1 AR-1016-4	5.657	4.955	98042160	57666459	519.085	491.122
7)	L1 AR-1016-5	5.948	5.167	90984873	80713930	510.586	528.532
31)	L7 AR-1260-1	7.062	6.196	156.3E6	137.7E6	511.356	464.968
32)	L7 AR-1260-2	7.315	6.383	214.9E6	195.9E6	542.755	455.536
33)	L7 AR-1260-3	7.672	6.536	178.3E6	163.1E6	537.365	464.391
34)	L7 AR-1260-4	7.895	7.007	159.8E6	142.4E6	523.739	469.760
35)	L7 AR-1260-5	8.200	7.248	373.8E6	389.6E6	524.147	474.241

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 23:30
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

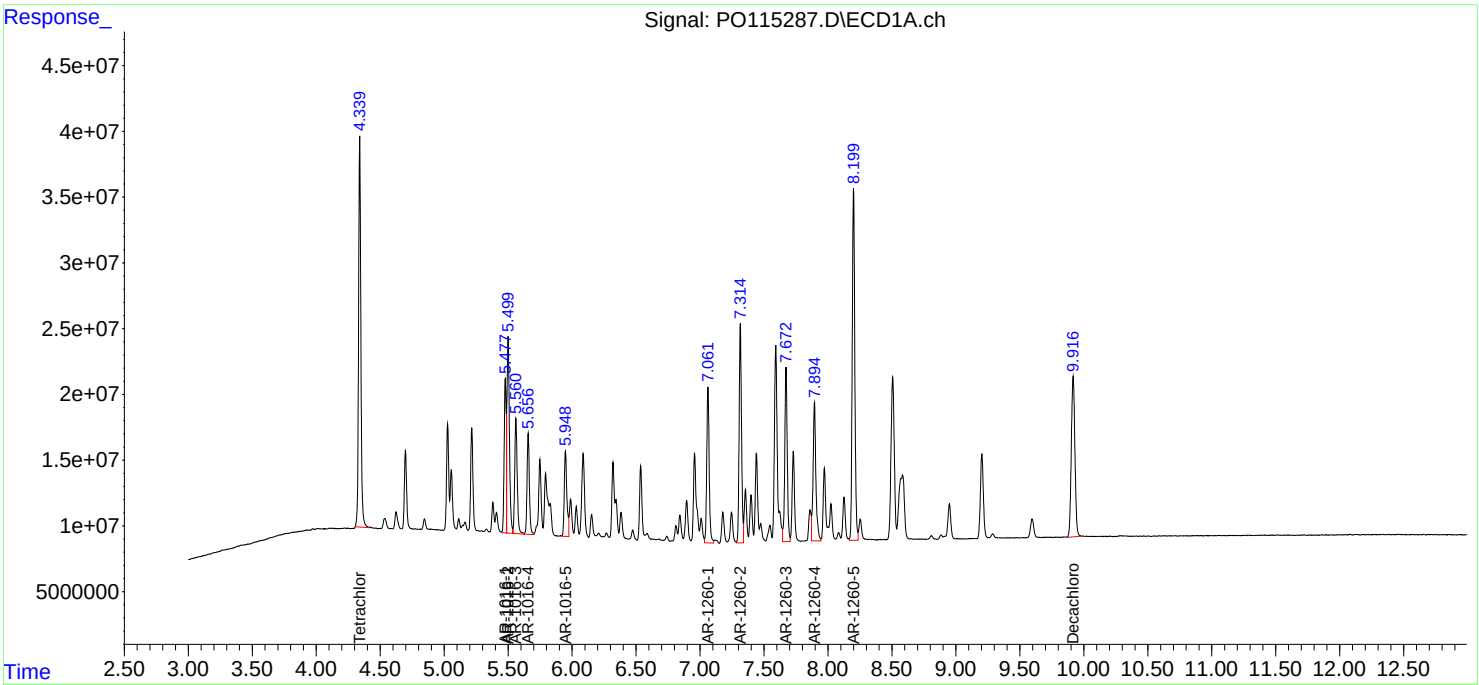
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

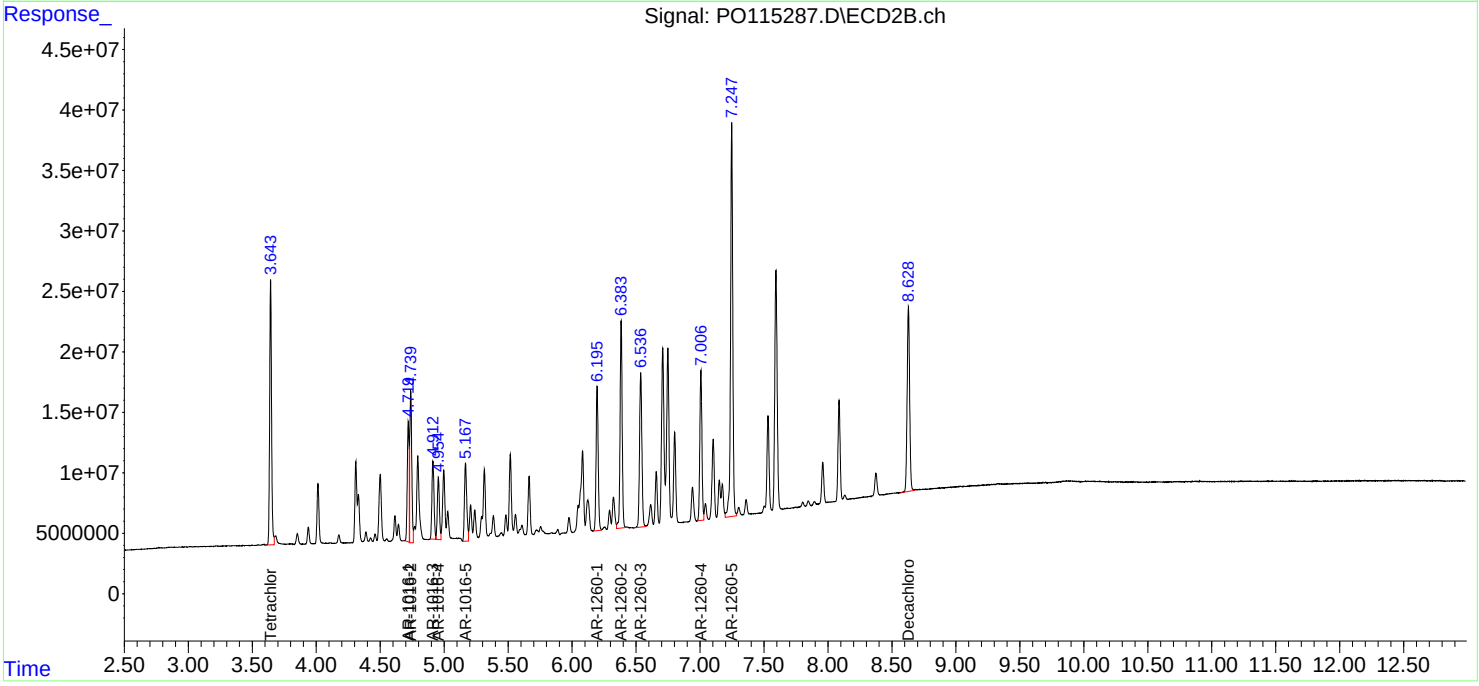
Manual Integrations APPROVED

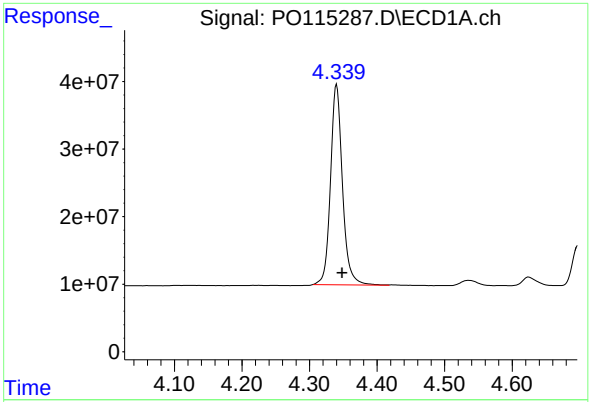
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:56:44 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







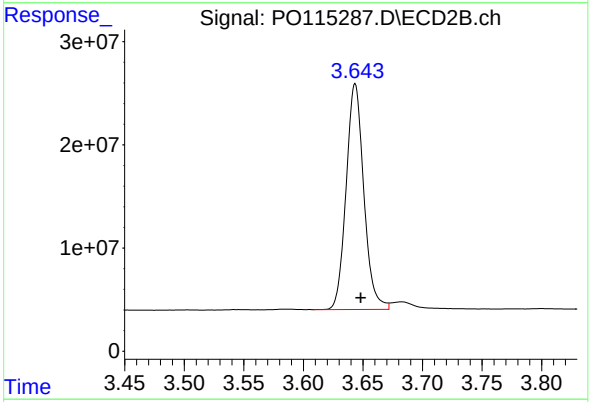
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 365696151
Conc: 51.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

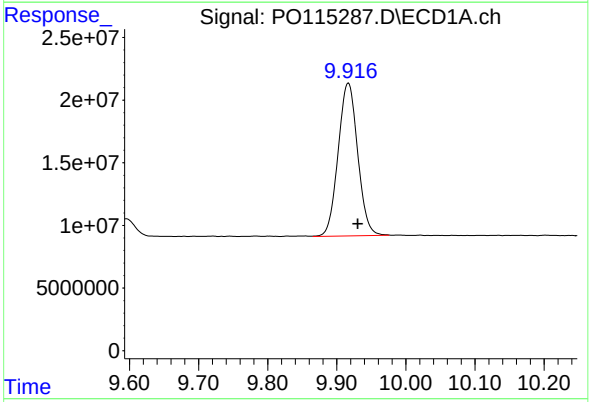
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



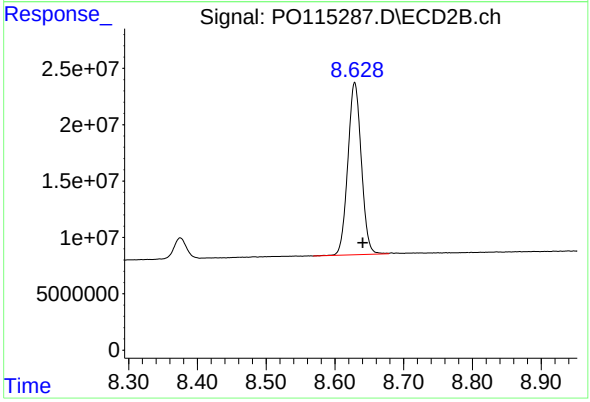
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 226185523
Conc: 50.64 ng/ml



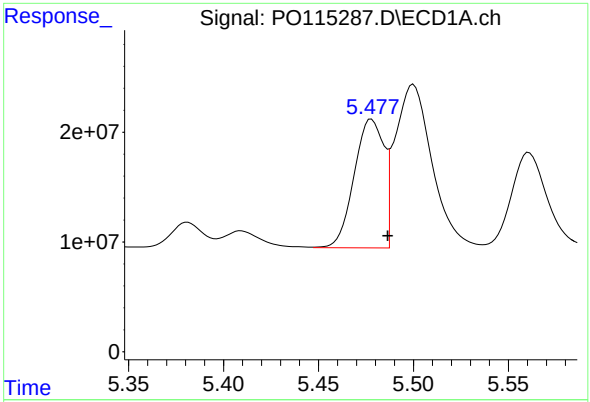
#2 Decachlorobiphenyl

R.T.: 9.916 min
Delta R.T.: -0.014 min
Response: 239639570
Conc: 54.21 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.012 min
Response: 208054124
Conc: 53.29 ng/ml



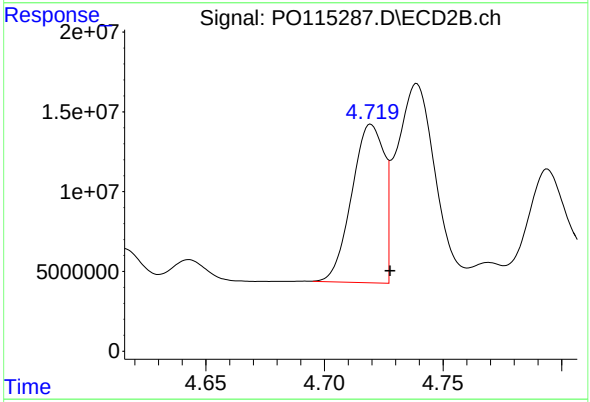
#3 AR-1016-1

R.T.: 5.478 min
Delta R.T.: -0.009 min
Response: 127910808
Conc: 519.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

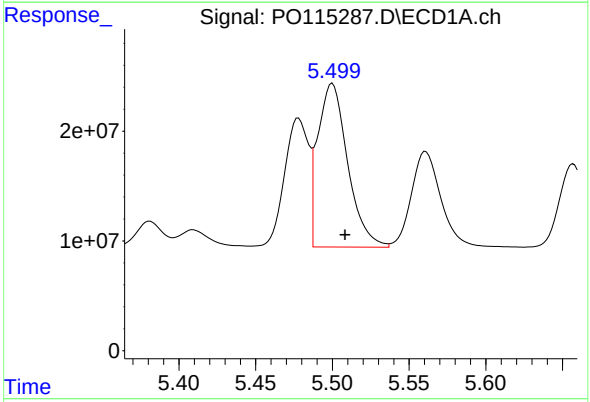
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



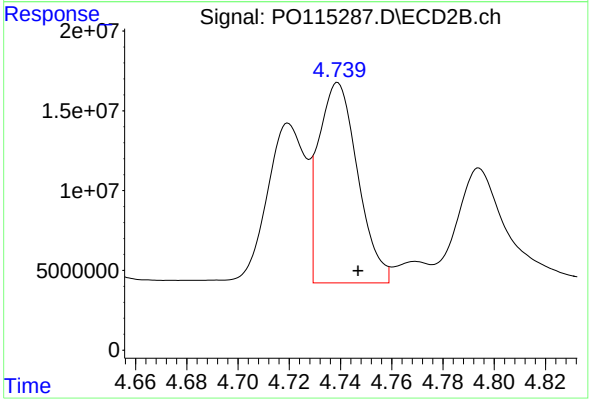
#3 AR-1016-1

R.T.: 4.719 min
Delta R.T.: -0.009 min
Response: 93743572
Conc: 492.72 ng/ml m



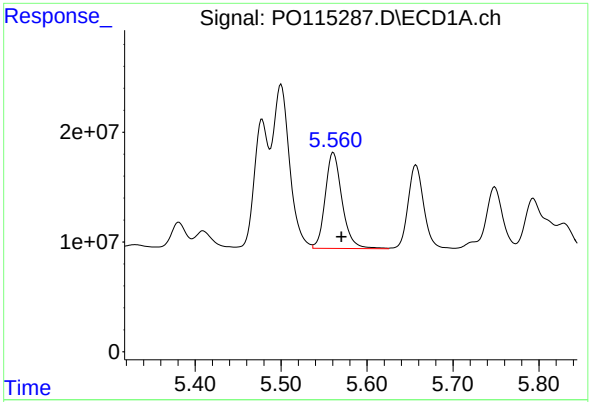
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 201860318
Conc: 508.37 ng/ml



#4 AR-1016-2

R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 130276026
Conc: 480.96 ng/ml m



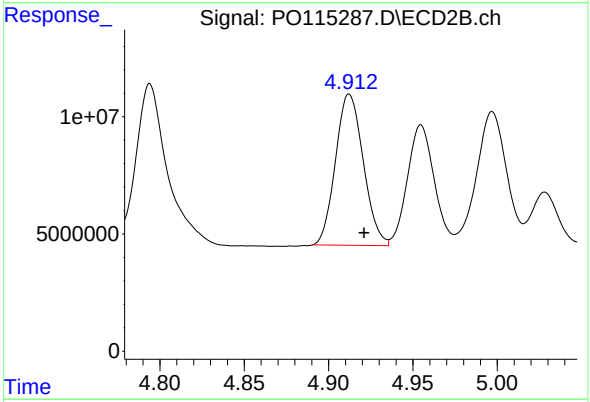
#5 AR-1016-3

R.T.: 5.561 min
Delta R.T.: -0.009 min
Response: 118797024
Conc: 532.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

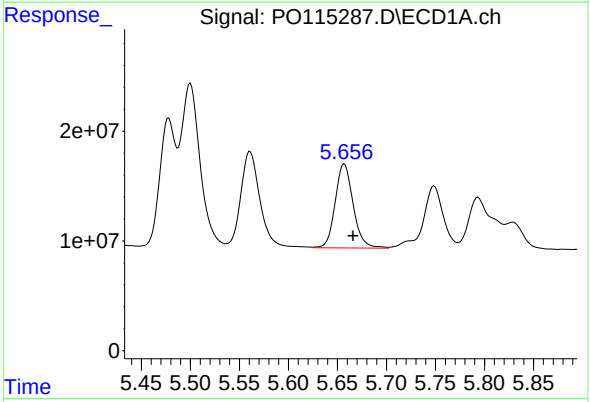
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



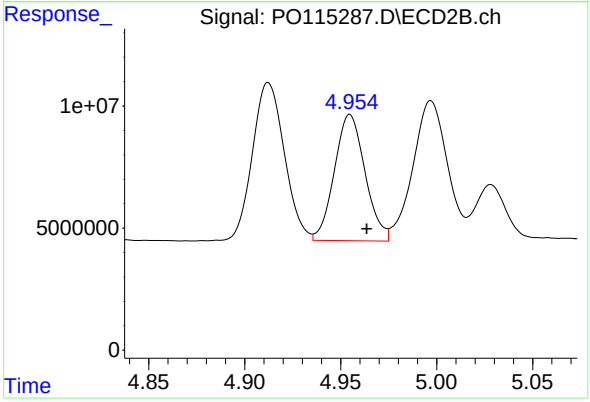
#5 AR-1016-3

R.T.: 4.912 min
Delta R.T.: -0.009 min
Response: 74029980
Conc: 500.29 ng/ml



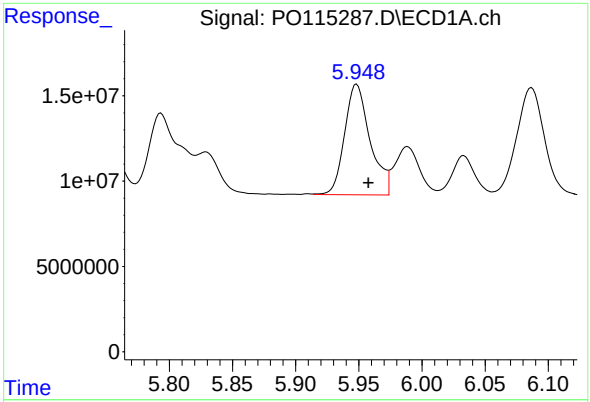
#6 AR-1016-4

R.T.: 5.657 min
Delta R.T.: -0.009 min
Response: 98042160
Conc: 519.08 ng/ml



#6 AR-1016-4

R.T.: 4.955 min
Delta R.T.: -0.009 min
Response: 57666459
Conc: 491.12 ng/ml



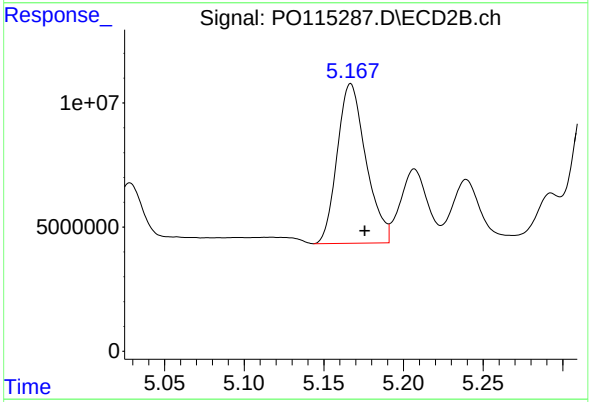
#7 AR-1016-5

R.T.: 5.948 min
Delta R.T.: -0.009 min
Response: 90984873
Conc: 510.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

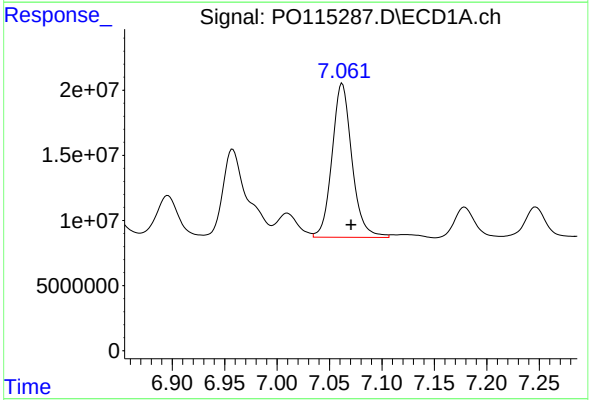
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



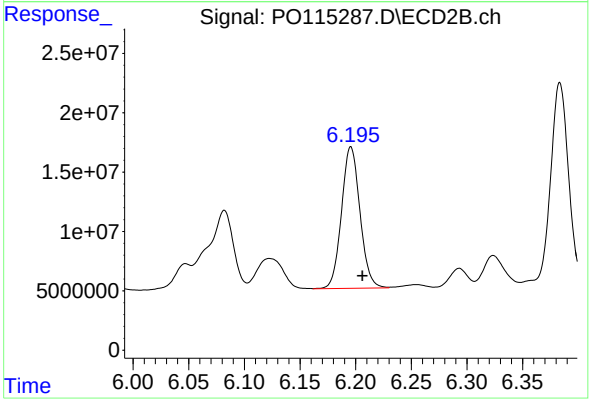
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.009 min
Response: 80713930
Conc: 528.53 ng/ml



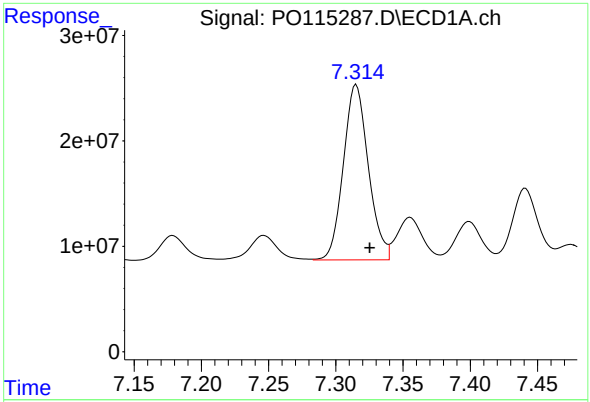
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 156287462
Conc: 511.36 ng/ml



#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.011 min
Response: 137680493
Conc: 464.97 ng/ml



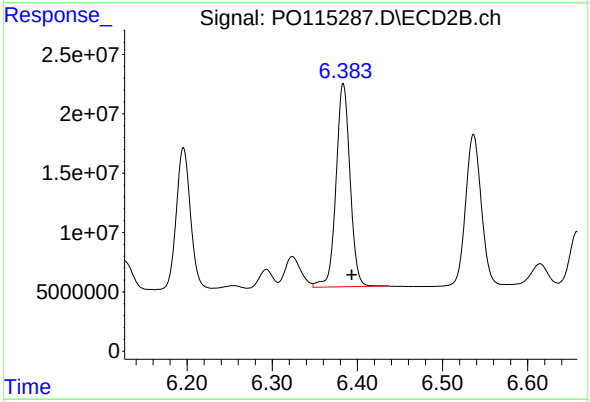
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 214864176
Conc: 542.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

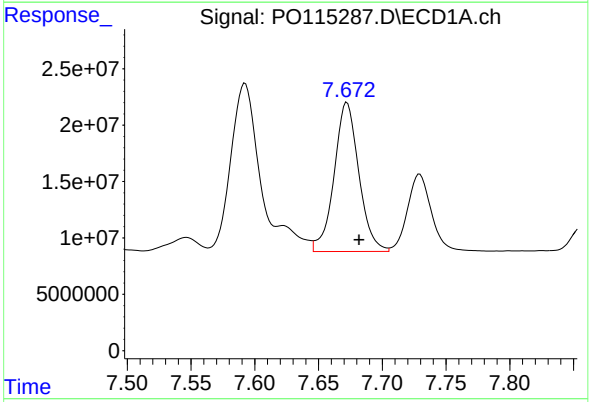
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



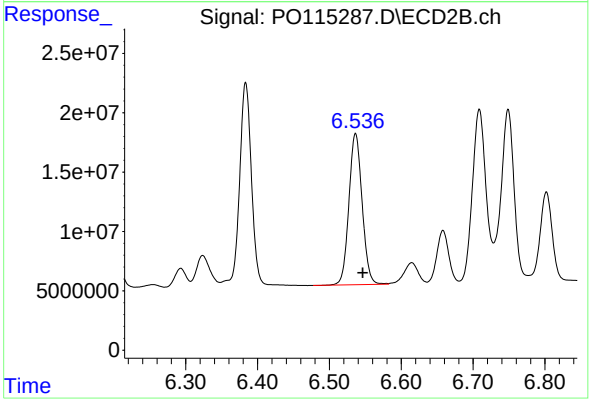
#32 AR-1260-2

R.T.: 6.383 min
Delta R.T.: -0.010 min
Response: 195894747
Conc: 455.54 ng/ml



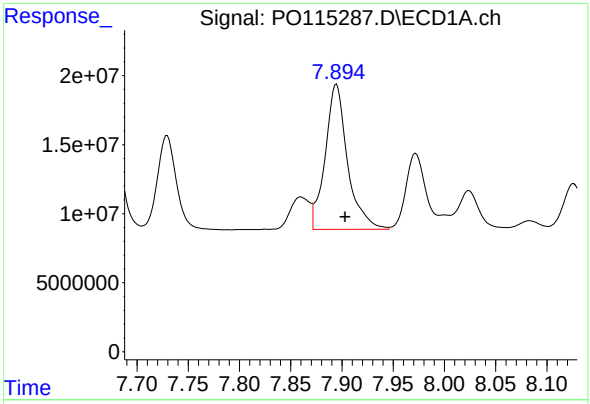
#33 AR-1260-3

R.T.: 7.672 min
Delta R.T.: -0.010 min
Response: 178307387
Conc: 537.37 ng/ml



#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.010 min
Response: 163071419
Conc: 464.39 ng/ml



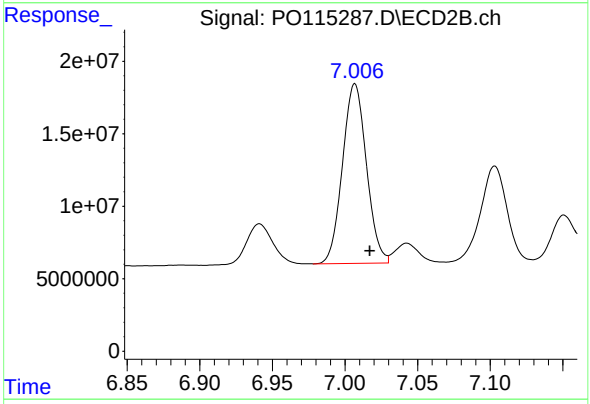
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 159750757
Conc: 523.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

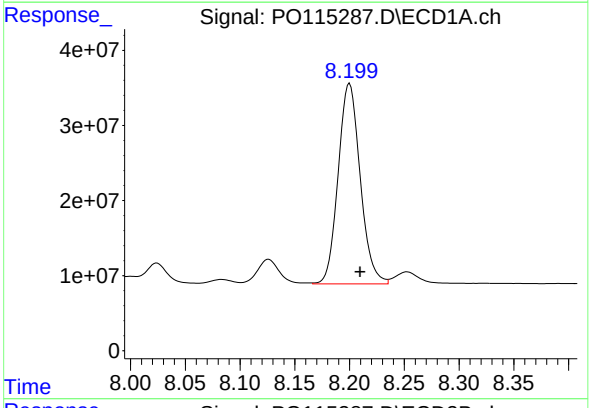
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



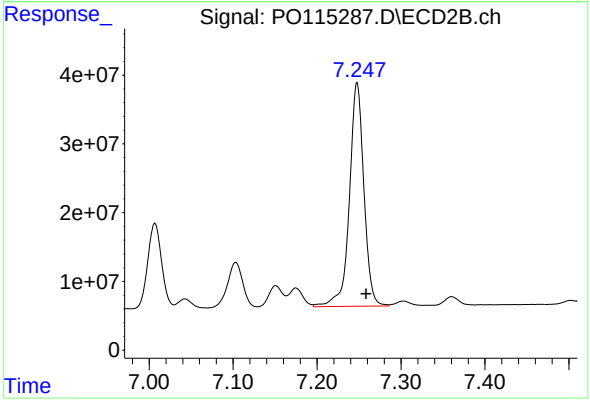
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 142350672
Conc: 469.76 ng/ml



#35 AR-1260-5

R.T.: 8.200 min
Delta R.T.: -0.010 min
Response: 373831706
Conc: 524.15 ng/ml



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.011 min
Response: 389649989
Conc: 474.24 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.:** Q3673

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 05:36 **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	0.01
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	0.01

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.:** Q3673

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 05:36 **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)	6.38	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.:** Q3673

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115302.D **Time Analyzed:** 05:36

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.479	5.387	5.587	527.260	500.000	5.5
Aroclor-1016-2	5.500	5.408	5.608	521.770	500.000	4.4
Aroclor-1016-3	5.562	5.470	5.670	551.380	500.000	10.3
Aroclor-1016-4	5.658	5.566	5.766	525.150	500.000	5.0
Aroclor-1016-5	5.949	5.858	6.058	516.580	500.000	3.3
Aroclor-1260-1	7.062	6.971	7.171	521.870	500.000	4.4
Aroclor-1260-2	7.316	7.225	7.425	548.770	500.000	9.8
Aroclor-1260-3	7.673	7.582	7.782	536.500	500.000	7.3
Aroclor-1260-4	7.895	7.803	8.003	522.080	500.000	4.4
Aroclor-1260-5	8.201	8.110	8.310	524.670	500.000	4.9
Decachlorobiphenyl	9.916	9.830	10.030	54.610	50.000	9.2
Tetrachloro-m-xylene	4.340	4.248	4.448	53.020	50.000	6.0

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115302.D **Time Analyzed:** 05:36

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.720	4.628	4.828	494.910	500.000	-1.0
Aroclor-1016-2	4.739	4.647	4.847	516.910	500.000	3.4
Aroclor-1016-3	4.913	4.821	5.021	508.040	500.000	1.6
Aroclor-1016-4	4.955	4.864	5.064	492.570	500.000	-1.5
Aroclor-1016-5	5.167	5.076	5.276	548.710	500.000	9.7
Aroclor-1260-1	6.197	6.106	6.306	476.950	500.000	-4.6
Aroclor-1260-2	6.384	6.294	6.494	457.320	500.000	-8.5
Aroclor-1260-3	6.537	6.446	6.646	455.490	500.000	-8.9
Aroclor-1260-4	7.007	6.917	7.117	463.830	500.000	-7.2
Aroclor-1260-5	7.249	7.158	7.358	474.670	500.000	-5.1
Decachlorobiphenyl	8.630	8.541	8.741	53.030	50.000	6.1
Tetrachloro-m-xylene	3.644	3.548	3.748	51.250	50.000	2.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 05:36
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 05:58:15 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	373.1E6	228.9E6	53.016	51.245
2)	SA Decachlor...	9.916	8.630	241.4E6	207.0E6	54.612m	53.031
	Target Compounds						
3)	L1 AR-1016-1	5.479	4.720	129.7E6	94158923	527.259	494.908m
4)	L1 AR-1016-2	5.500	4.739	207.2E6	140.0E6	521.770	516.906m
5)	L1 AR-1016-3	5.562	4.913	123.0E6	75176586	551.382	508.042
6)	L1 AR-1016-4	5.658	4.955	99188564	57837040	525.154	492.575
7)	L1 AR-1016-5	5.949	5.167	92053237	83795319	516.581	548.709
31)	L7 AR-1260-1	7.062	6.197	159.5E6	141.2E6	521.873	476.951
32)	L7 AR-1260-2	7.316	6.384	217.2E6	196.7E6	548.769	457.324
33)	L7 AR-1260-3	7.673	6.537	178.0E6	159.9E6	536.504	455.493
34)	L7 AR-1260-4	7.895	7.007	159.2E6	140.6E6	522.076	463.830
35)	L7 AR-1260-5	8.201	7.249	374.2E6	390.0E6	524.673	474.671

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 05:36
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

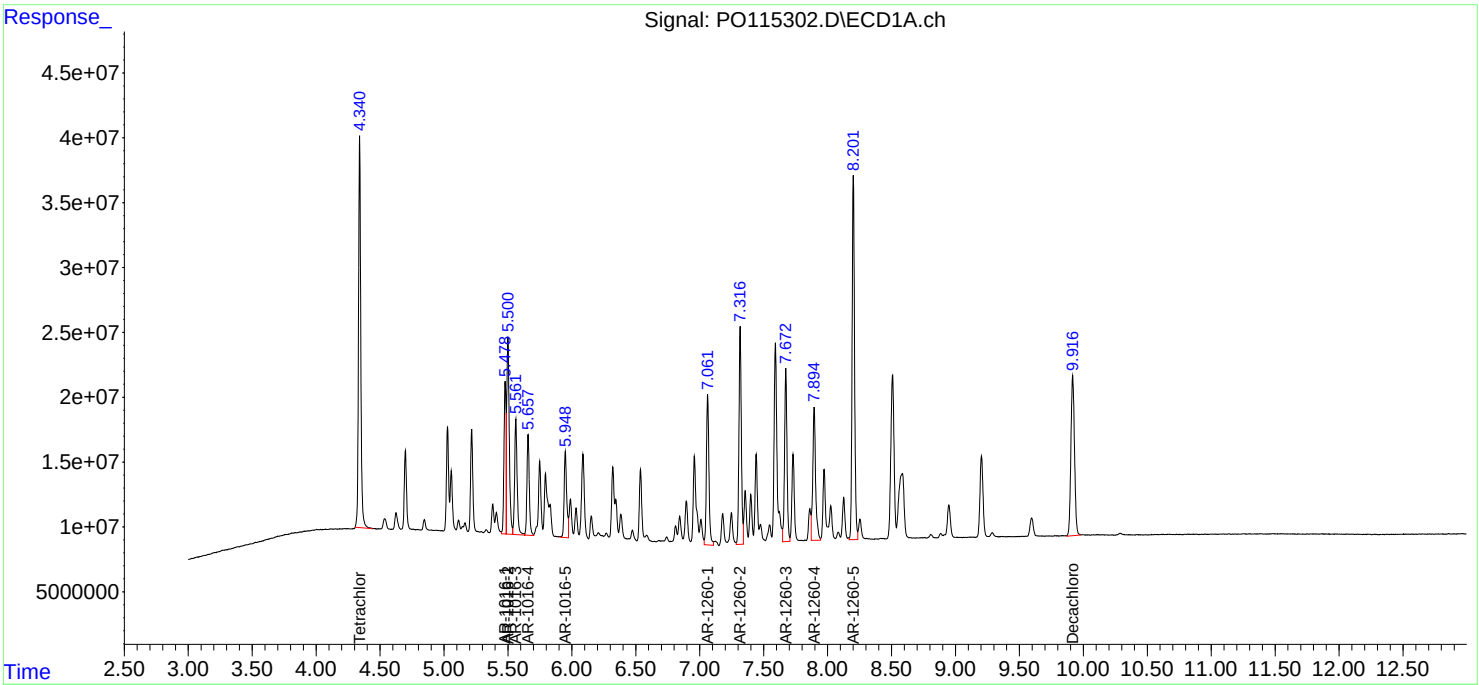
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

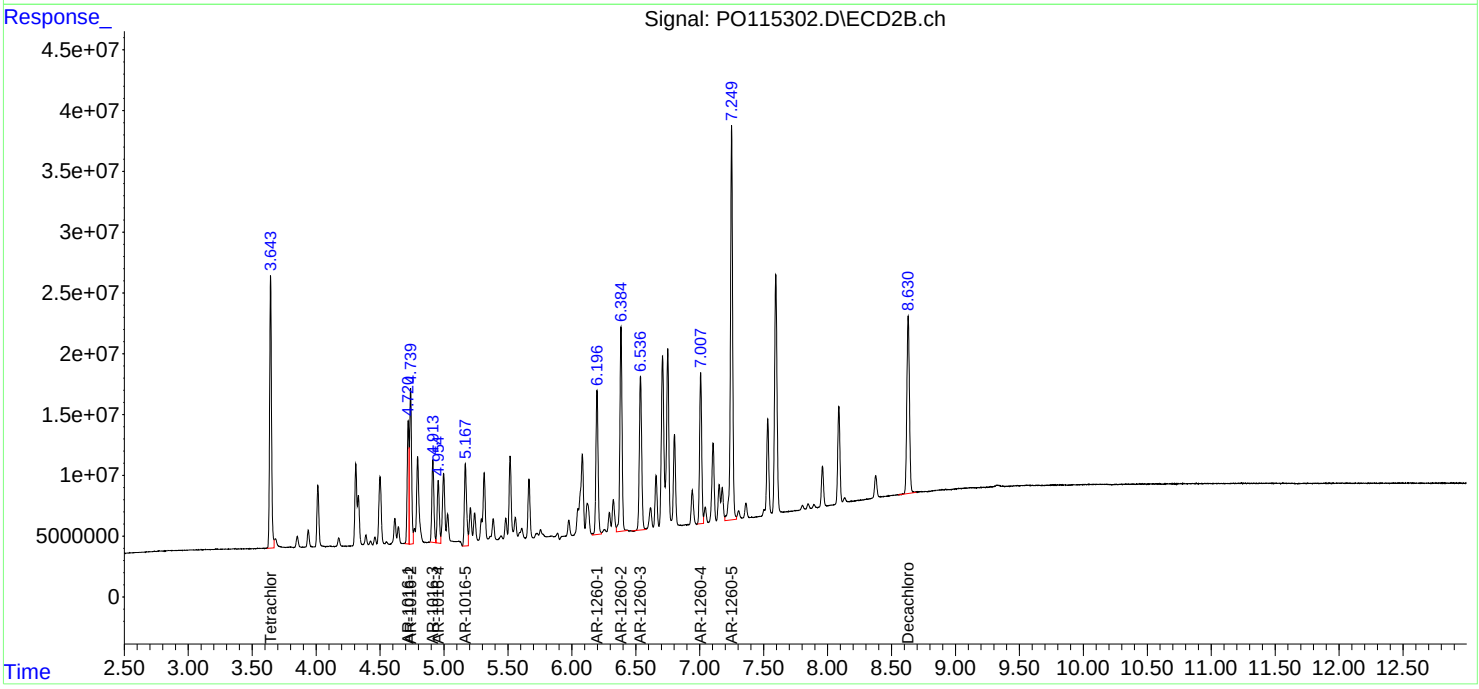
Manual Integrations APPROVED

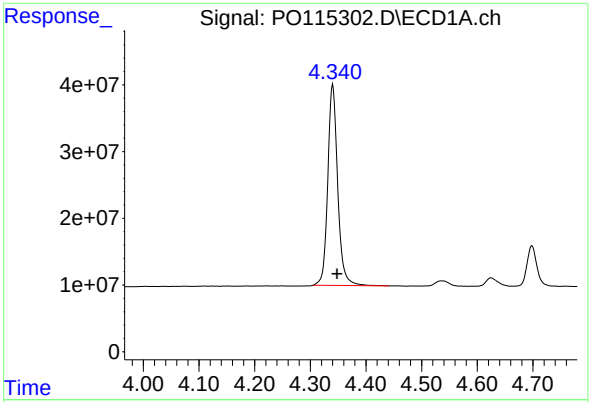
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 05:58:15 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







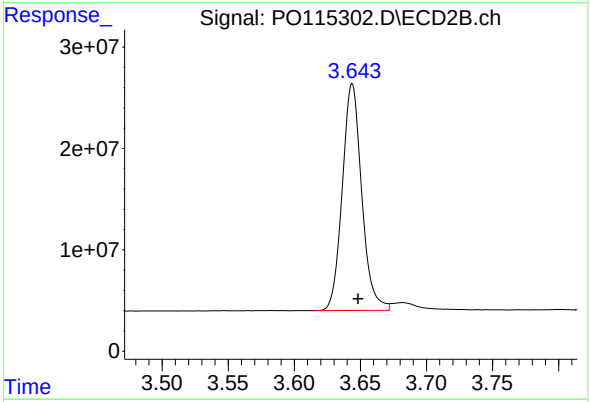
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 373131039
Conc: 53.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

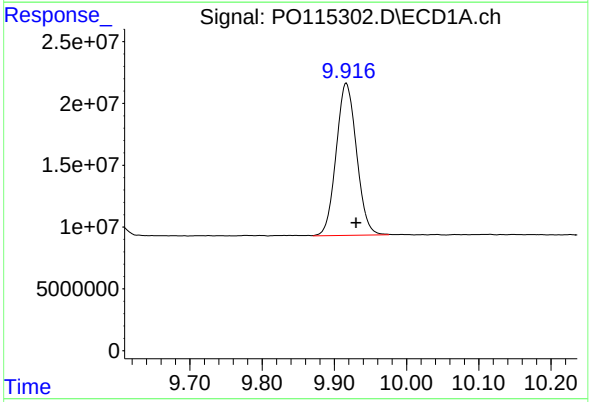
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



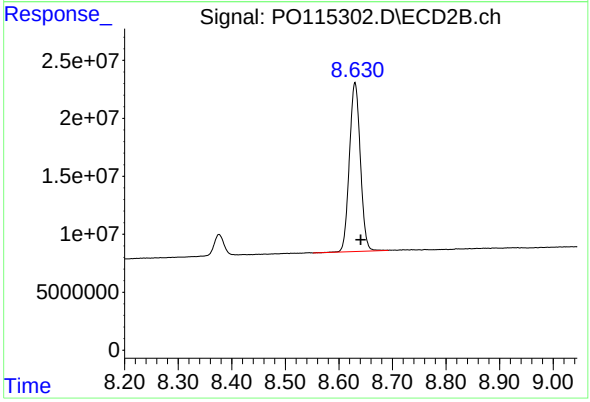
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 228901175
Conc: 51.25 ng/ml



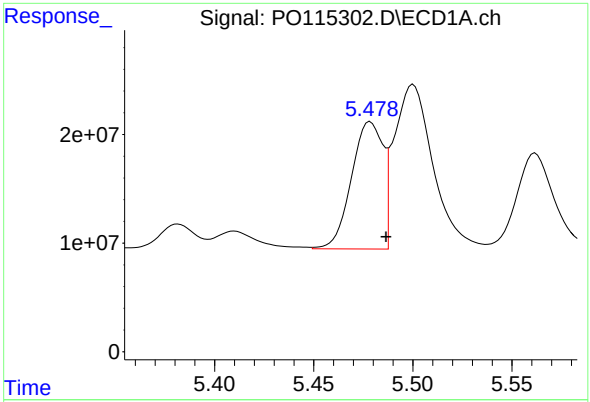
#2 Decachlorobiphenyl

R.T.: 9.916 min
Delta R.T.: -0.014 min
Response: 241399367
Conc: 54.61 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 207024972
Conc: 53.03 ng/ml



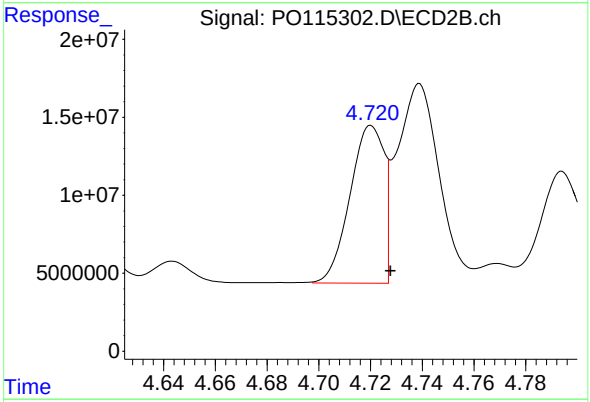
#3 AR-1016-1

R.T.: 5.479 min
Delta R.T.: -0.008 min
Response: 129716309
Conc: 527.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

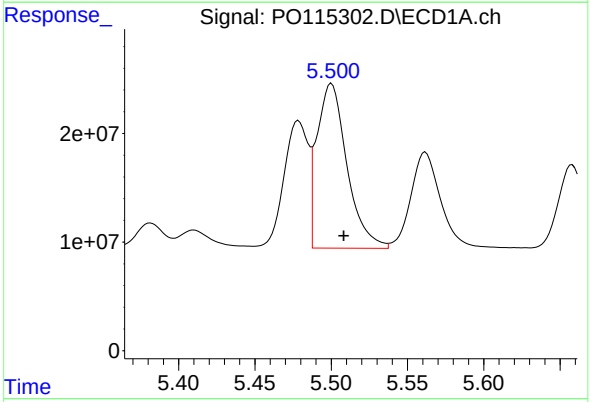
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



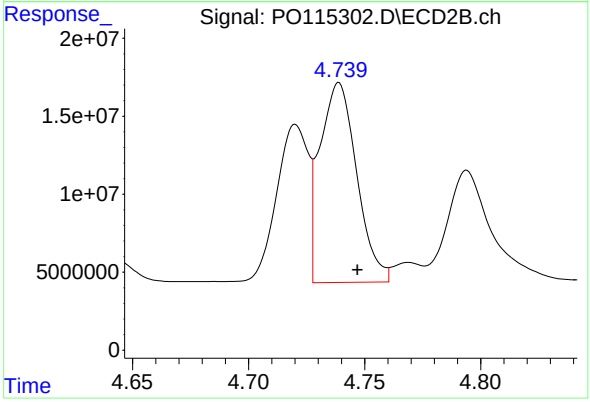
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 94158923
Conc: 494.91 ng/ml m



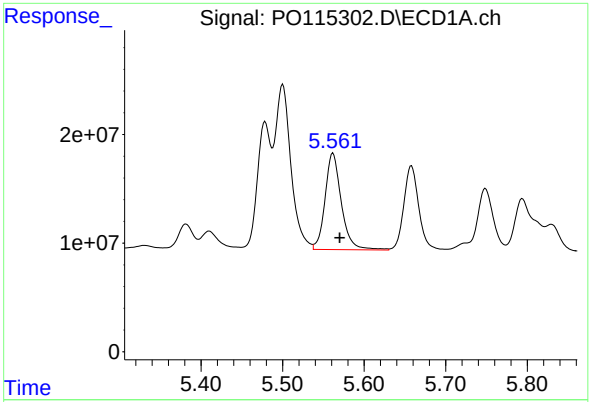
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 207179523
Conc: 521.77 ng/ml



#4 AR-1016-2

R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 140011459
Conc: 516.91 ng/ml m



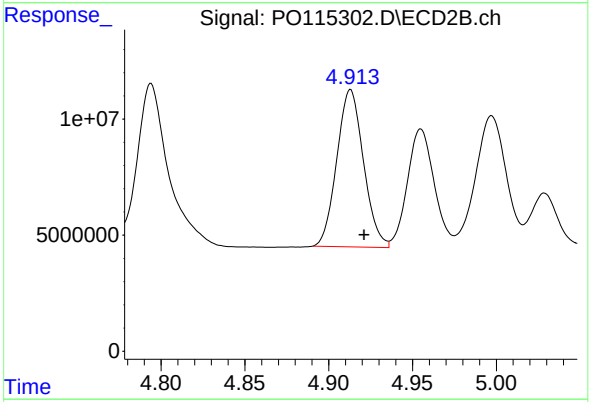
#5 AR-1016-3

R.T.: 5.562 min
Delta R.T.: -0.008 min
Response: 122958787
Conc: 551.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

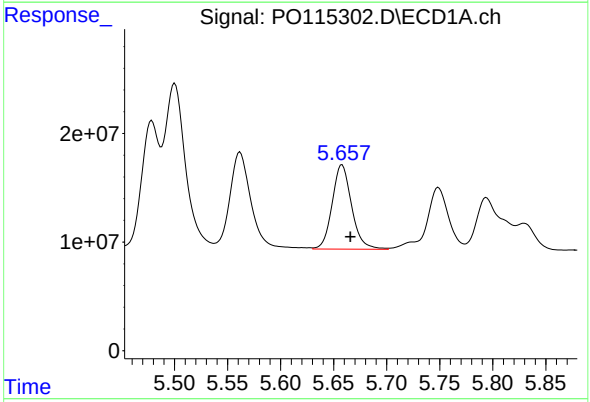
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



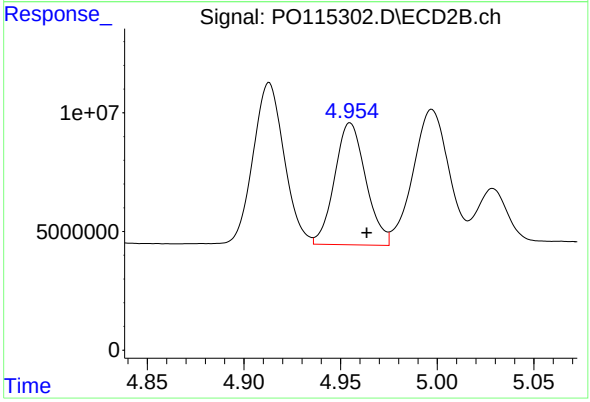
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 75176586
Conc: 508.04 ng/ml



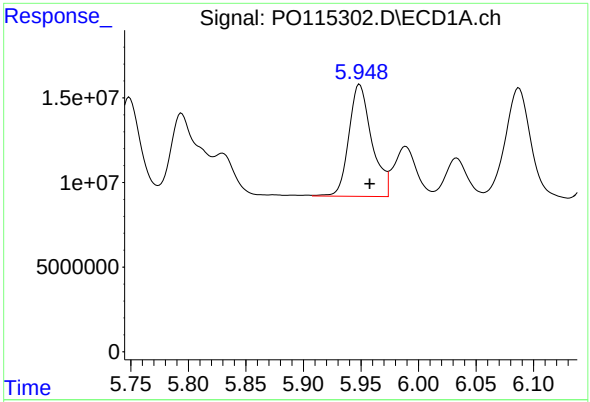
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 99188564
Conc: 525.15 ng/ml



#6 AR-1016-4

R.T.: 4.955 min
Delta R.T.: -0.009 min
Response: 57837040
Conc: 492.57 ng/ml



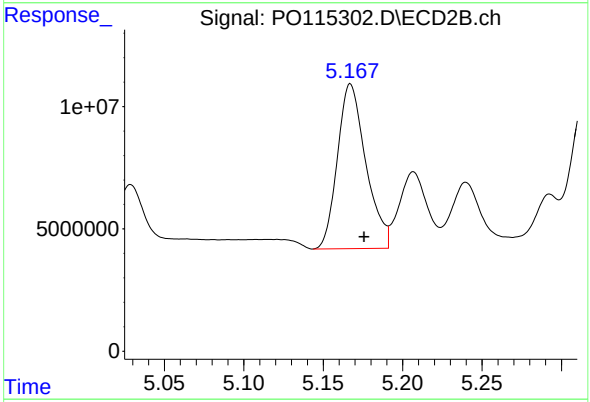
#7 AR-1016-5

R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 92053237
Conc: 516.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

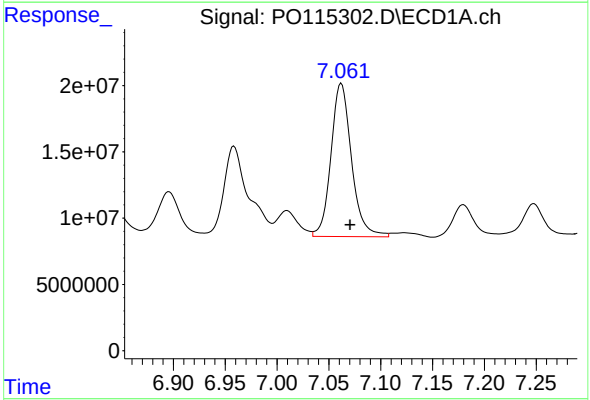
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



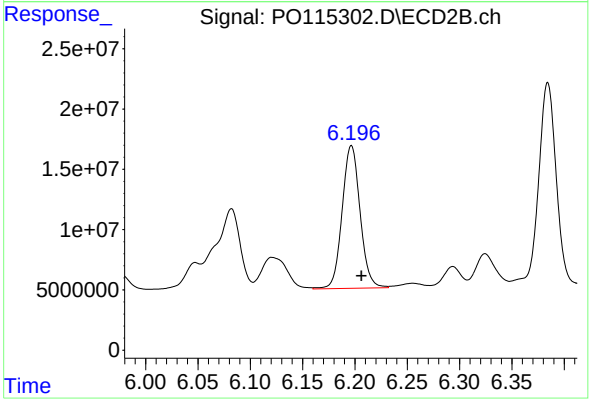
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.009 min
Response: 83795319
Conc: 548.71 ng/ml



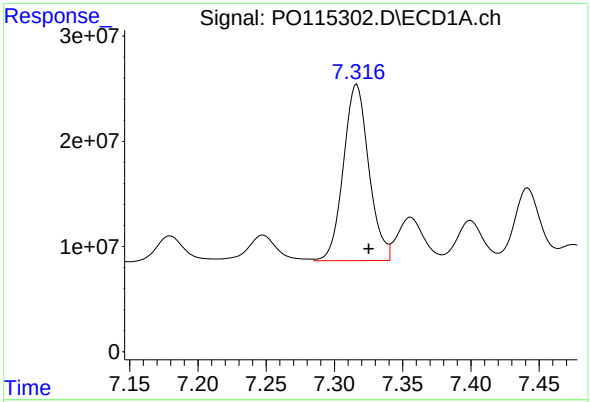
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 159501975
Conc: 521.87 ng/ml



#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 141228871
Conc: 476.95 ng/ml



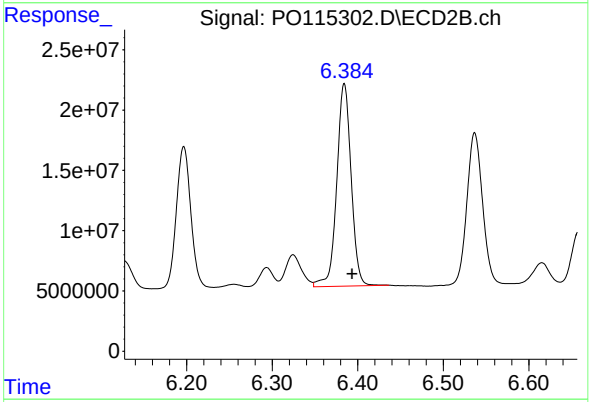
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 217245140
Conc: 548.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

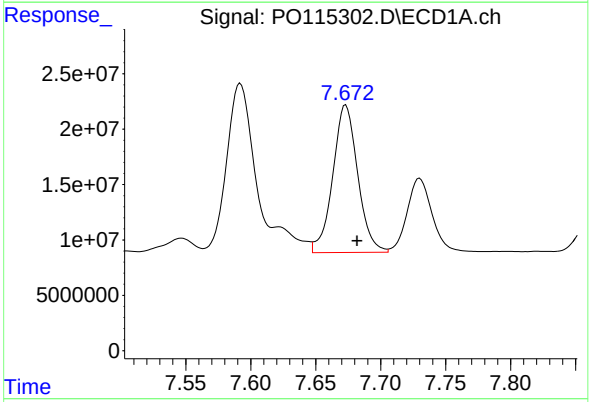
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



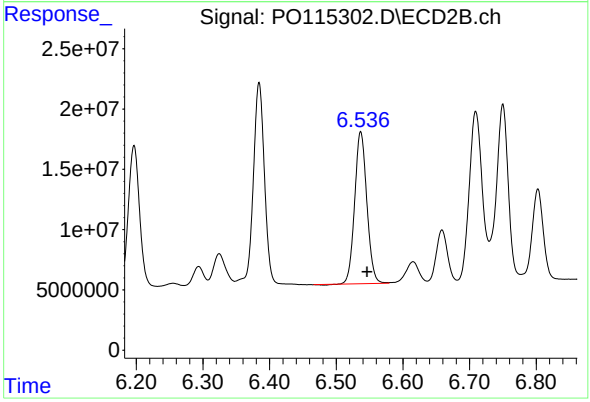
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 196663626
Conc: 457.32 ng/ml



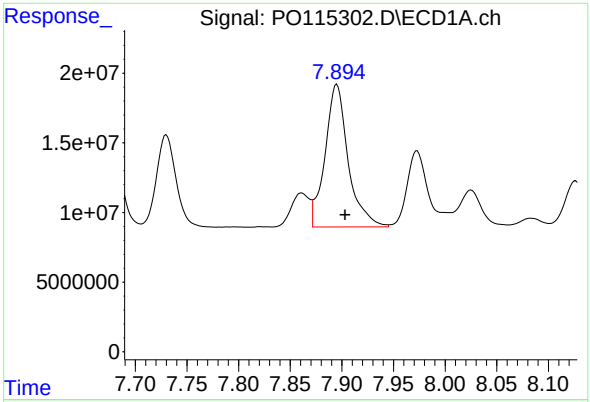
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 178021824
Conc: 536.50 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.010 min
Response: 159946917
Conc: 455.49 ng/ml



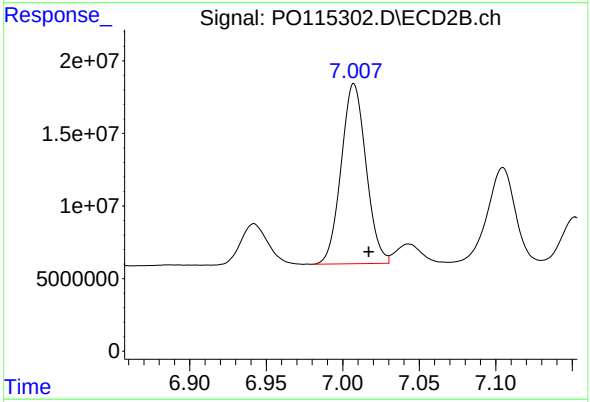
#34 AR-1260-4

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 159243741
Conc: 522.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

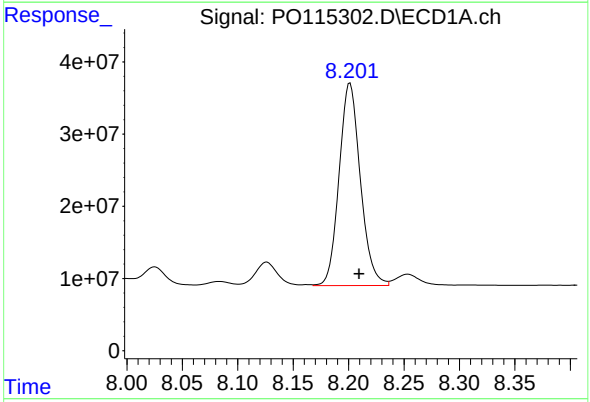
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



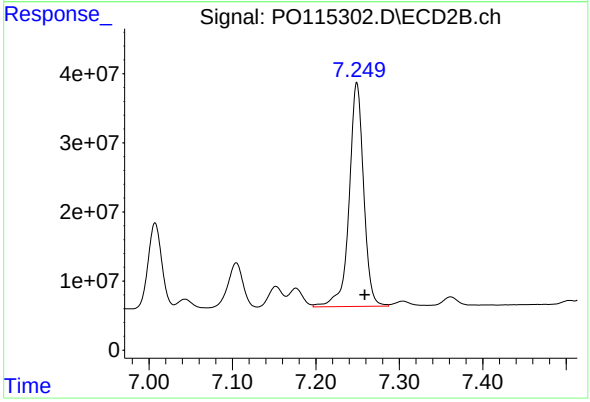
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 140553779
Conc: 463.83 ng/ml



#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 374206685
Conc: 524.67 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 390002724
Conc: 474.67 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.:** Q3673

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 08:57 **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	0.01

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.:** Q3673

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 08:57 **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)	6.38	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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115309.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.478	5.387	5.587	535.940	500.000	7.2
Aroclor-1016-2	5.500	5.408	5.608	527.310	500.000	5.5
Aroclor-1016-3	5.561	5.470	5.670	556.270	500.000	11.3
Aroclor-1016-4	5.657	5.566	5.766	537.270	500.000	7.5
Aroclor-1016-5	5.949	5.858	6.058	527.120	500.000	5.4
Aroclor-1260-1	7.062	6.971	7.171	540.080	500.000	8.0
Aroclor-1260-2	7.316	7.225	7.425	568.980	500.000	13.8
Aroclor-1260-3	7.673	7.582	7.782	558.180	500.000	11.6
Aroclor-1260-4	7.894	7.803	8.003	539.790	500.000	8.0
Aroclor-1260-5	8.201	8.110	8.310	539.600	500.000	7.9
Decachlorobiphenyl	9.916	9.830	10.030	54.540	50.000	9.1
Tetrachloro-m-xylene	4.340	4.248	4.448	53.170	50.000	6.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115309.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.720	4.628	4.828	515.750	500.000	3.2
Aroclor-1016-2	4.739	4.647	4.847	515.840	500.000	3.2
Aroclor-1016-3	4.913	4.821	5.021	516.350	500.000	3.3
Aroclor-1016-4	4.955	4.864	5.064	498.640	500.000	-0.3
Aroclor-1016-5	5.167	5.076	5.276	561.060	500.000	12.2
Aroclor-1260-1	6.196	6.106	6.306	489.880	500.000	-2.0
Aroclor-1260-2	6.384	6.294	6.494	478.550	500.000	-4.3
Aroclor-1260-3	6.536	6.446	6.646	479.370	500.000	-4.1
Aroclor-1260-4	7.007	6.917	7.117	475.700	500.000	-4.9
Aroclor-1260-5	7.248	7.158	7.358	485.190	500.000	-3.0
Decachlorobiphenyl	8.629	8.541	8.741	54.030	50.000	8.1
Tetrachloro-m-xylene	3.644	3.548	3.748	51.660	50.000	3.3

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 08:57
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 01:13:15 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	374.2E6	230.8E6	53.174	51.665
2)	SA Decachlor...	9.916	8.629	241.1E6	210.9E6	54.540	54.035
	Target Compounds						
3)	L1 AR-1016-1	5.478	4.720	131.9E6	98123417	535.937	515.746
4)	L1 AR-1016-2	5.500	4.739	209.4E6	139.7E6	527.315	515.837
5)	L1 AR-1016-3	5.561	4.913	124.0E6	76405946	556.272	516.350
6)	L1 AR-1016-4	5.657	4.955	101.5E6	58548692	537.268	498.636
7)	L1 AR-1016-5	5.949	5.167	93931663	85681839	527.122	561.063
31)	L7 AR-1260-1	7.062	6.196	165.1E6	145.1E6	540.080	489.881
32)	L7 AR-1260-2	7.316	6.384	225.2E6	205.8E6	568.979	478.546
33)	L7 AR-1260-3	7.673	6.536	185.2E6	168.3E6	558.179	479.372
34)	L7 AR-1260-4	7.894	7.007	164.6E6	144.2E6	539.794	475.699
35)	L7 AR-1260-5	8.201	7.248	384.9E6	398.6E6	539.603	485.188

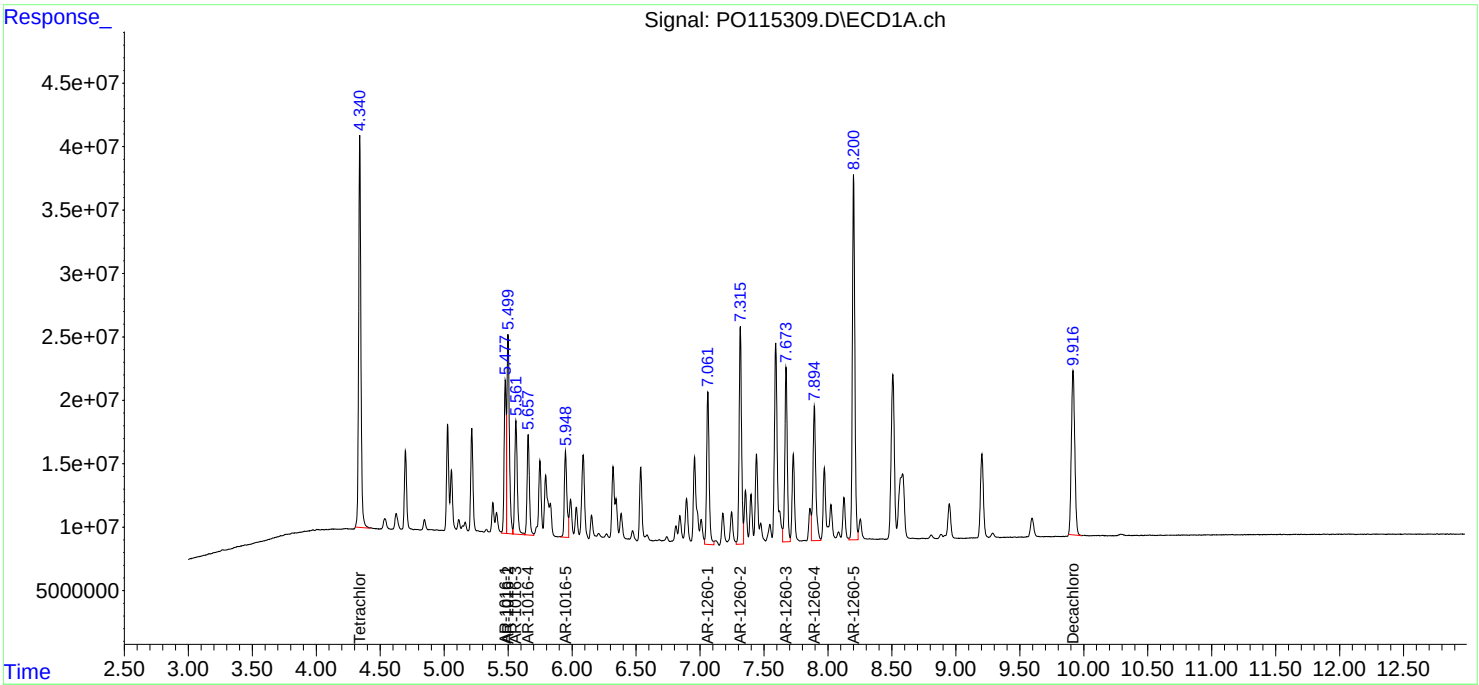
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

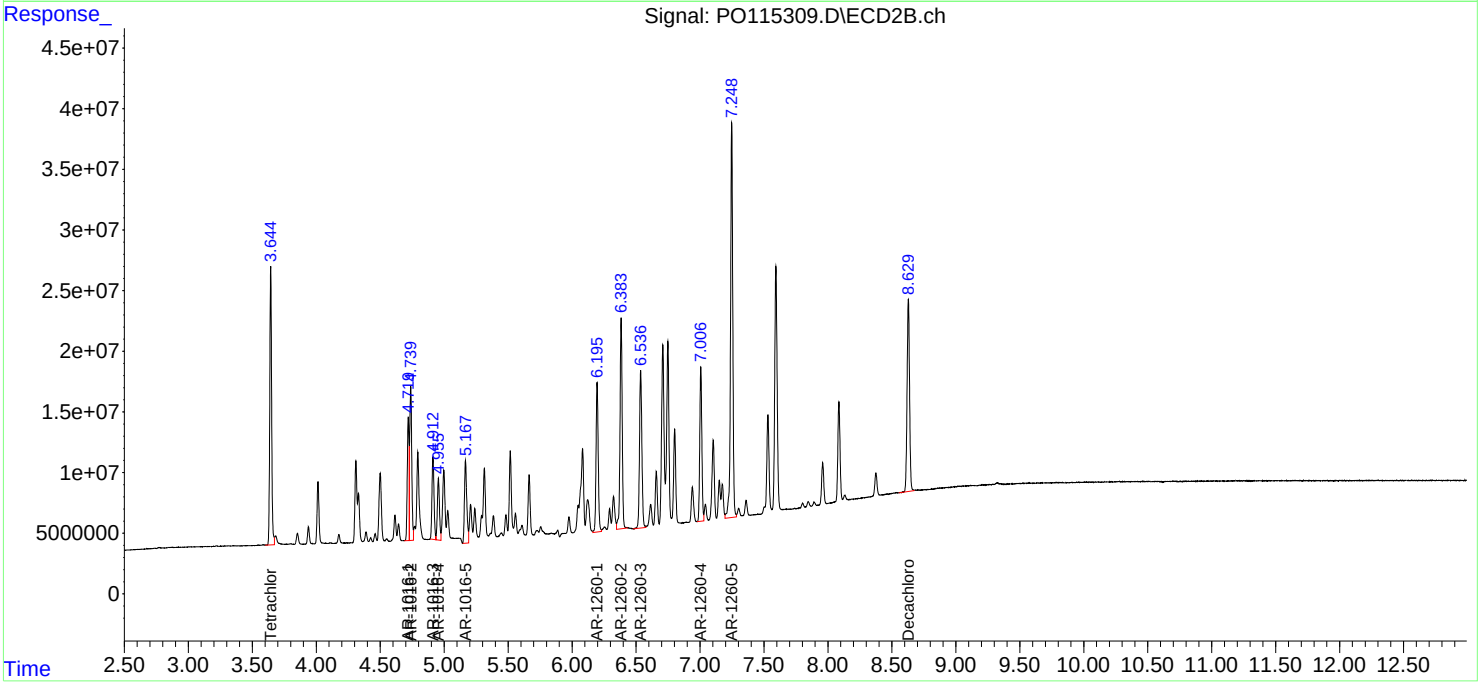
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 08:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

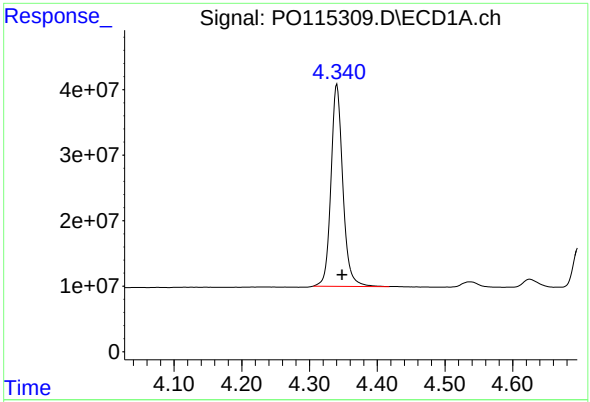
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:13:15 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



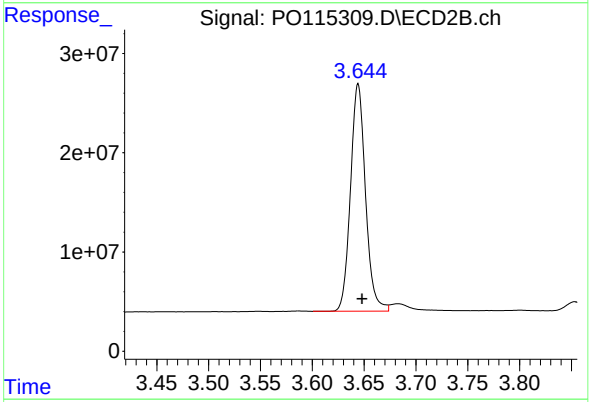




#1 Tetrachloro-m-xylene

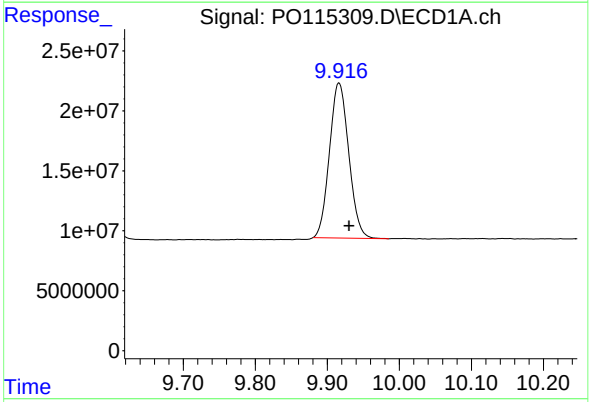
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 374242252
Conc: 53.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



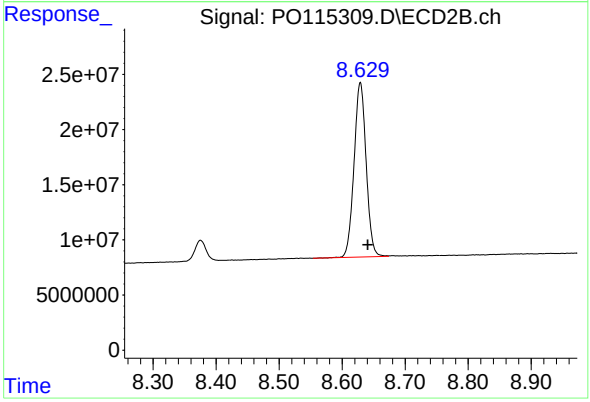
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 230774050
Conc: 51.66 ng/ml



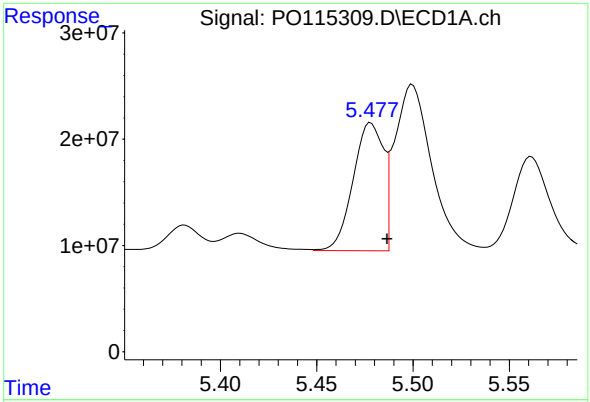
#2 Decachlorobiphenyl

R.T.: 9.916 min
Delta R.T.: -0.014 min
Response: 241081536
Conc: 54.54 ng/ml



#2 Decachlorobiphenyl

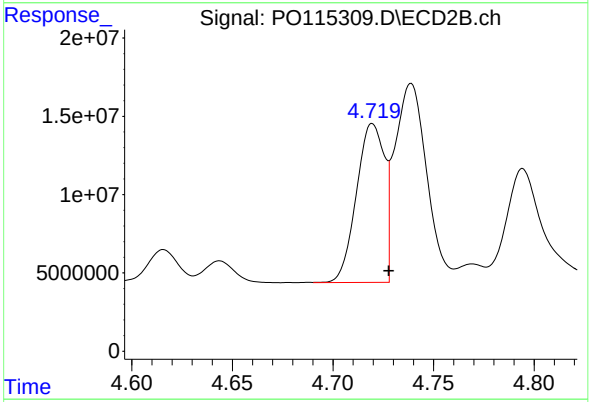
R.T.: 8.629 min
Delta R.T.: -0.012 min
Response: 210941590
Conc: 54.03 ng/ml



#3 AR-1016-1

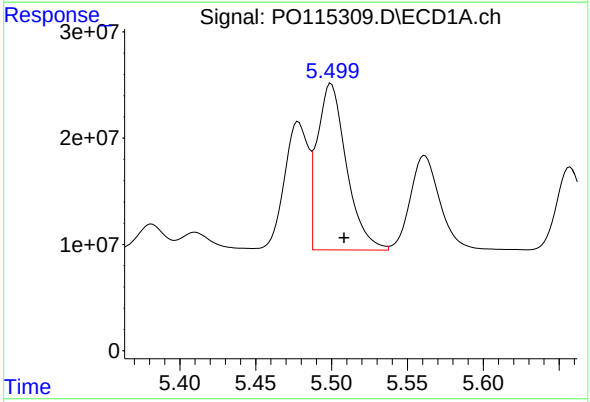
R.T.: 5.478 min
Delta R.T.: -0.008 min
Response: 131851246
Conc: 535.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



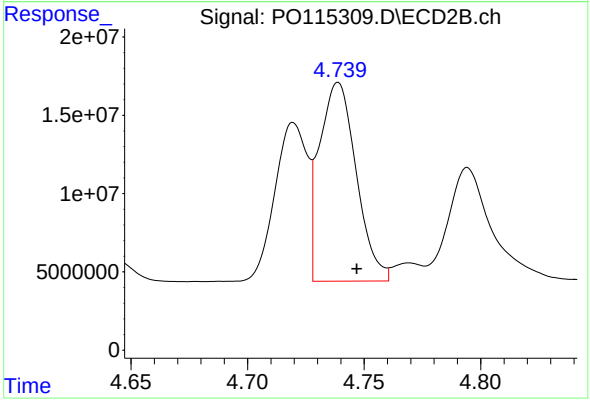
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 98123417
Conc: 515.75 ng/ml



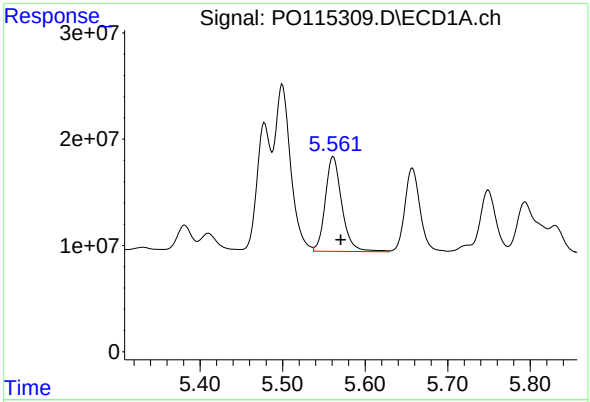
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.009 min
Response: 209381374
Conc: 527.31 ng/ml



#4 AR-1016-2

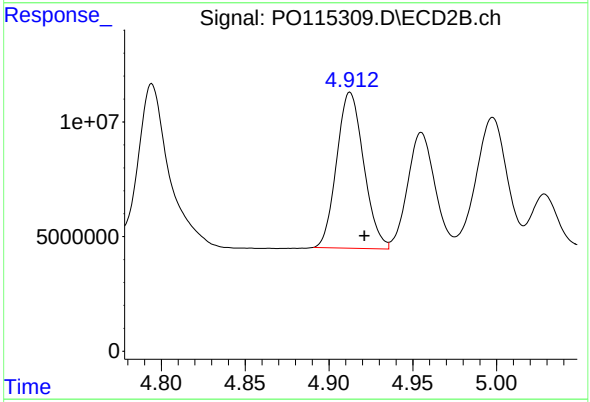
R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 139721808
Conc: 515.84 ng/ml



#5 AR-1016-3

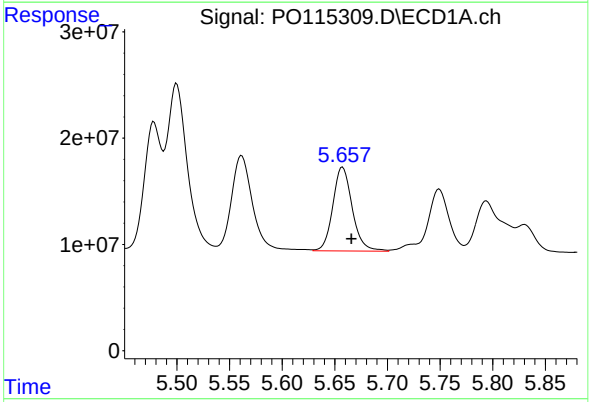
R.T.: 5.561 min
Delta R.T.: -0.009 min
Response: 124049300
Conc: 556.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



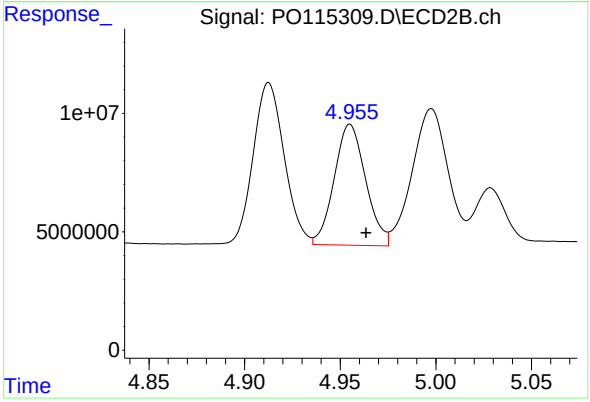
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 76405946
Conc: 516.35 ng/ml



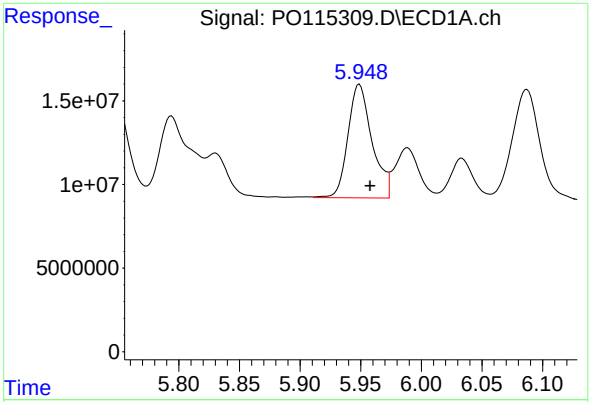
#6 AR-1016-4

R.T.: 5.657 min
Delta R.T.: -0.009 min
Response: 101476509
Conc: 537.27 ng/ml



#6 AR-1016-4

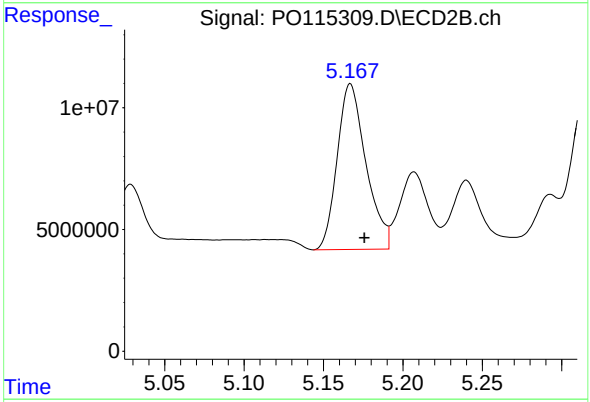
R.T.: 4.955 min
Delta R.T.: -0.008 min
Response: 58548692
Conc: 498.64 ng/ml



#7 AR-1016-5

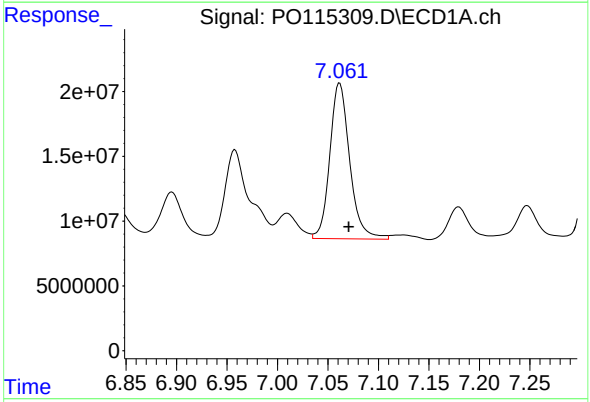
R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 93931663
Conc: 527.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



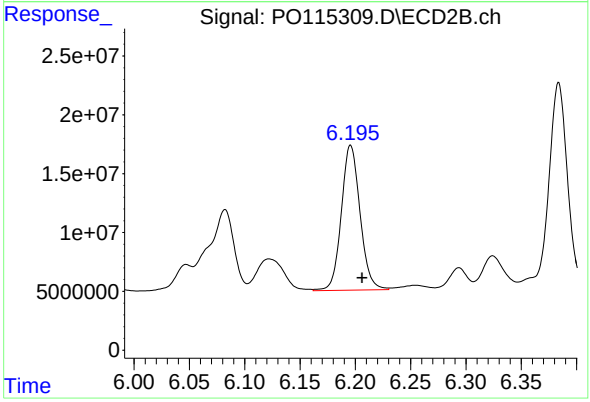
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.009 min
Response: 85681839
Conc: 561.06 ng/ml



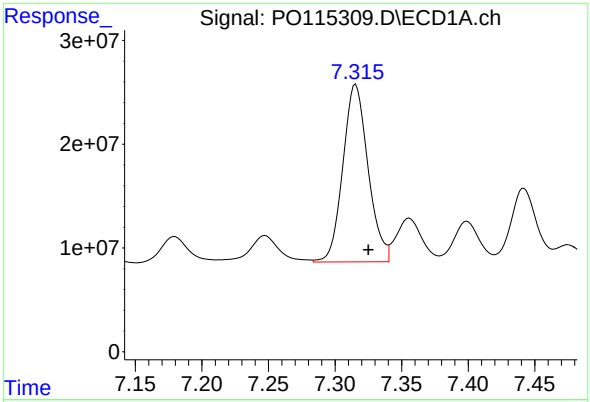
#31 AR-1260-1

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 165066625
Conc: 540.08 ng/ml



#31 AR-1260-1

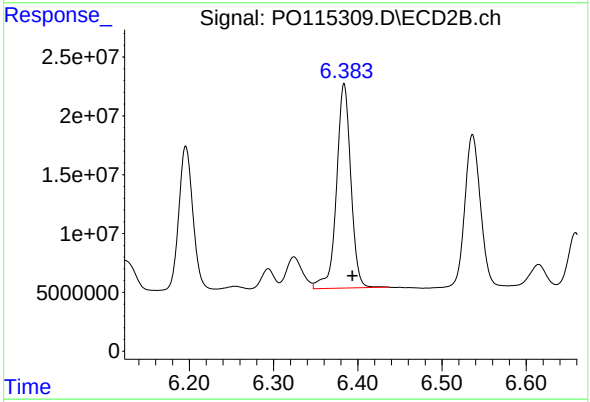
R.T.: 6.196 min
Delta R.T.: -0.010 min
Response: 145057298
Conc: 489.88 ng/ml



#32 AR-1260-2

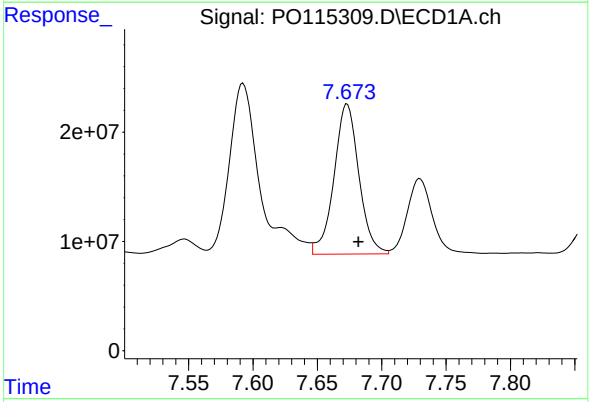
R.T.: 7.316 min
Delta R.T.: -0.010 min
Response: 225245952
Conc: 568.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



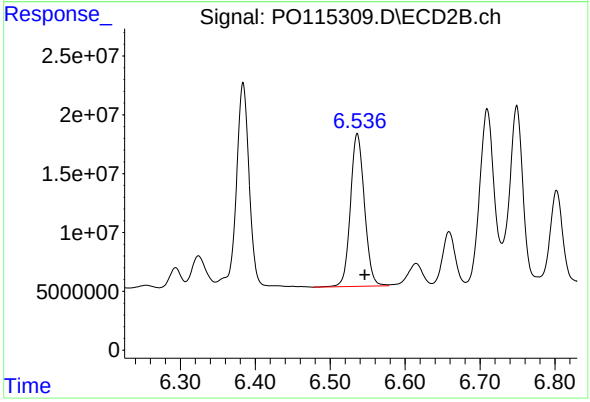
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 205789565
Conc: 478.55 ng/ml



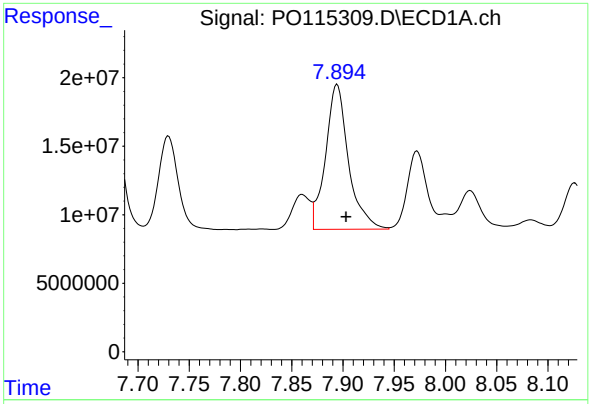
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 185213932
Conc: 558.18 ng/ml



#33 AR-1260-3

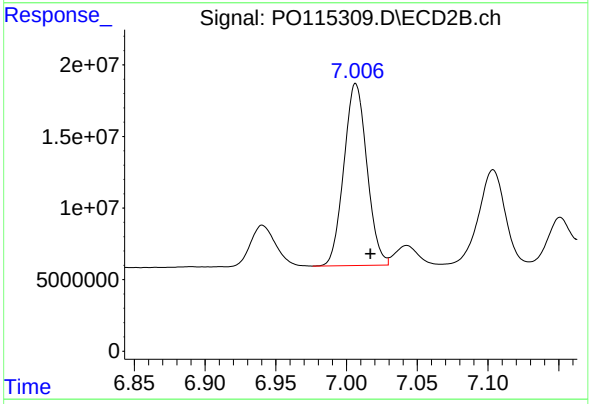
R.T.: 6.536 min
Delta R.T.: -0.010 min
Response: 168332265
Conc: 479.37 ng/ml



#34 AR-1260-4

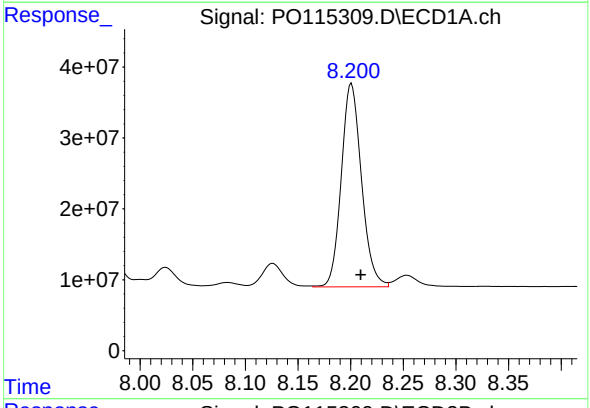
R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 164648002
Conc: 539.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



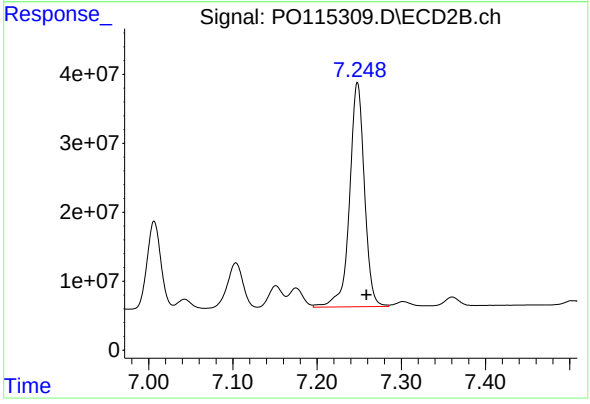
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 144150308
Conc: 475.70 ng/ml



#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 384855127
Conc: 539.60 ng/ml



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 398643712
Conc: 485.19 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.:** Q3673

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/21/2025

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/21/2025

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

Quantitation Report (QT Reviewed)

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

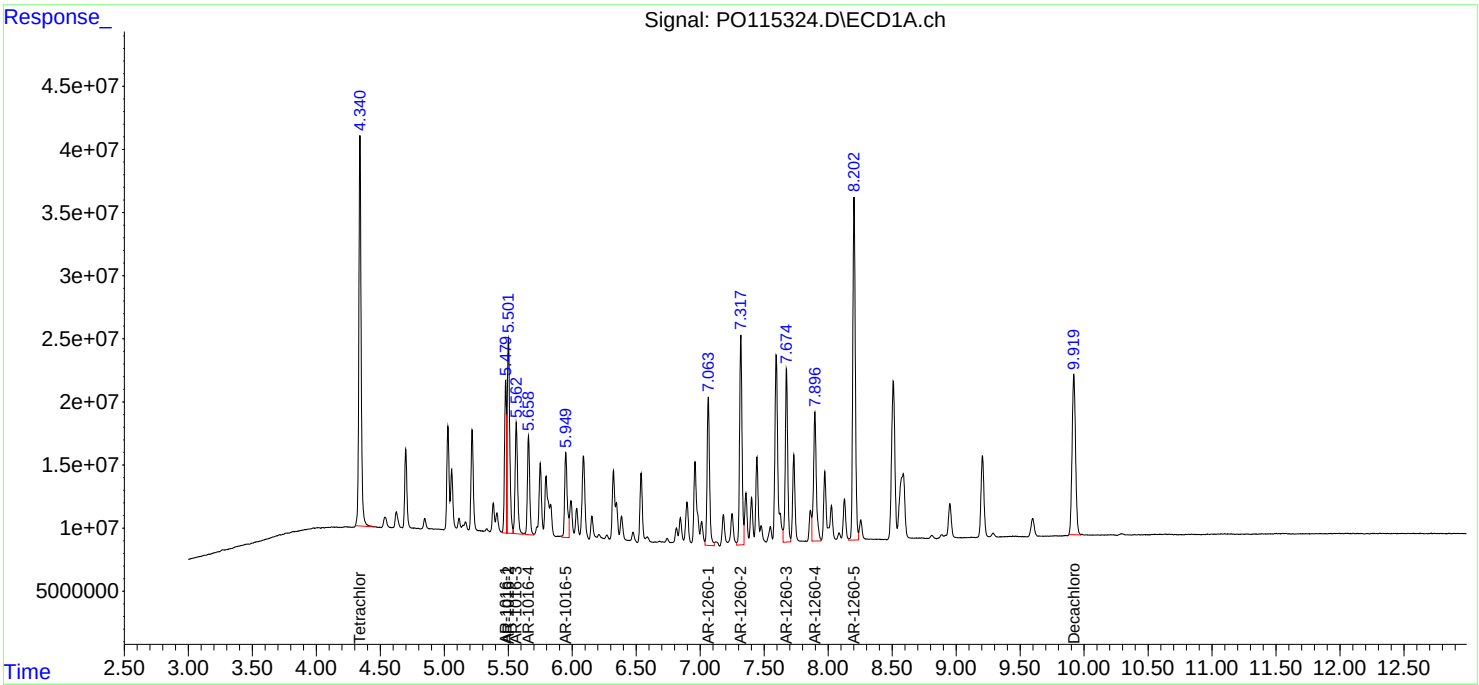
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

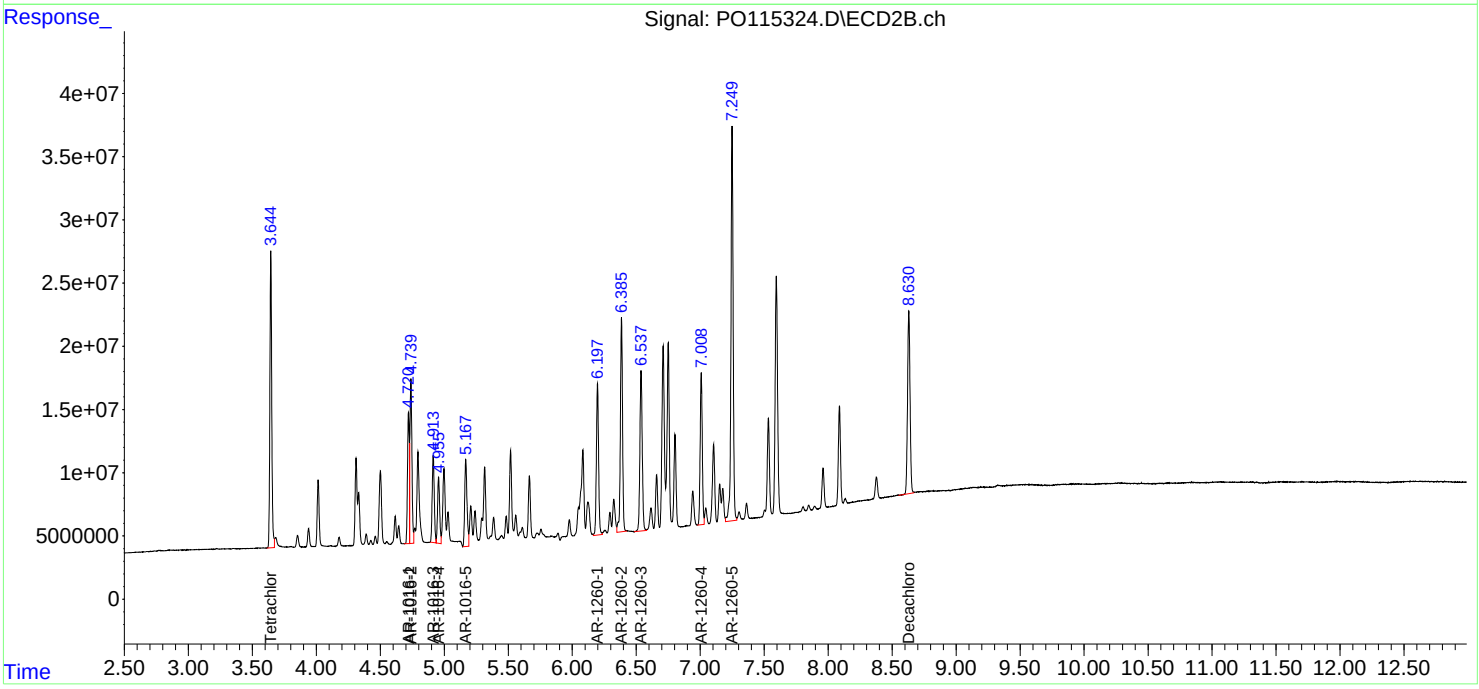
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:32
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

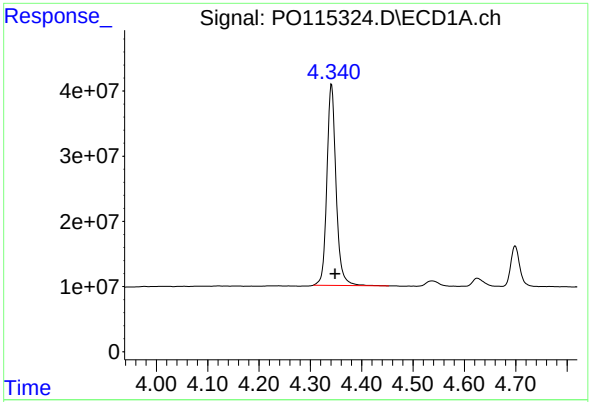
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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



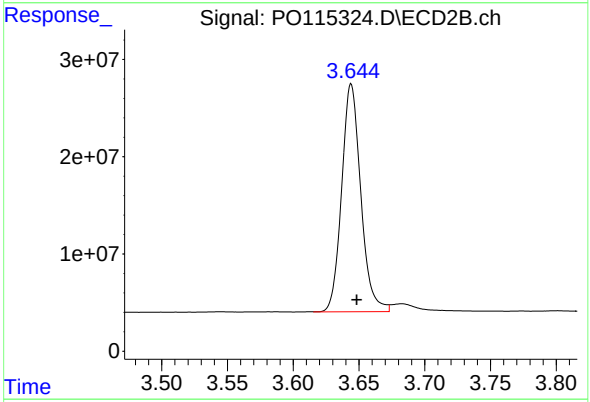




#1 Tetrachloro-m-xylene

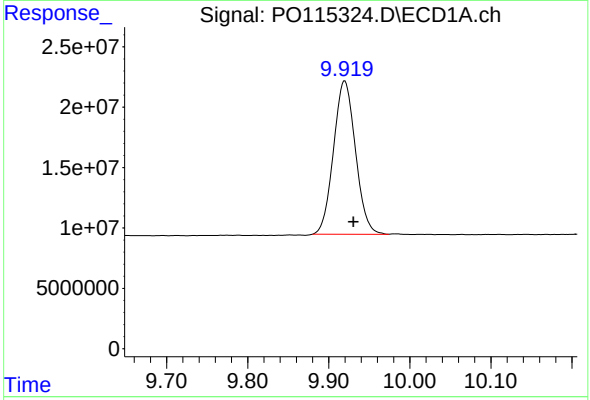
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 383903182
Conc: 54.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



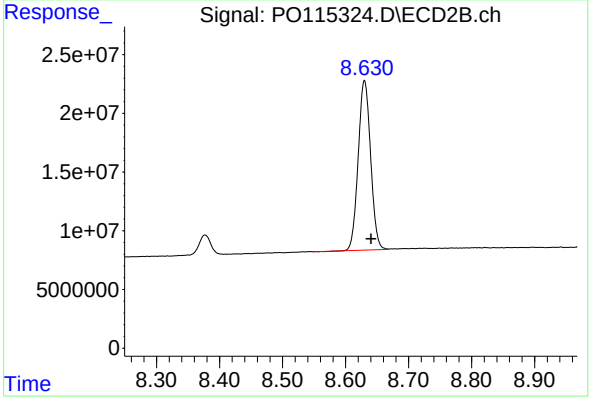
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 237488832
Conc: 53.17 ng/ml



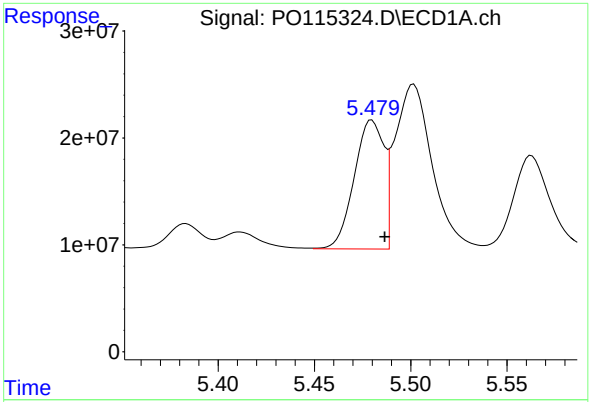
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 239062481
Conc: 54.08 ng/ml



#2 Decachlorobiphenyl

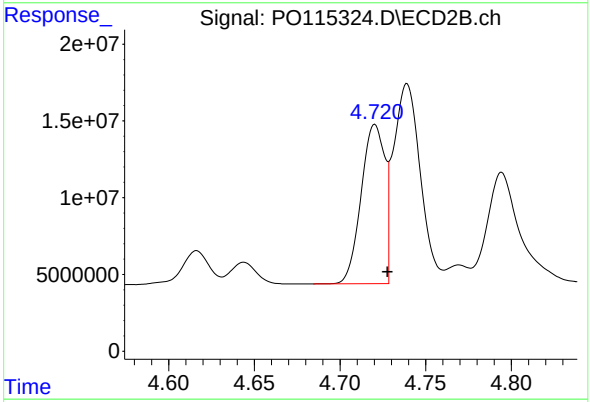
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 197720782
Conc: 50.65 ng/ml



#3 AR-1016-1

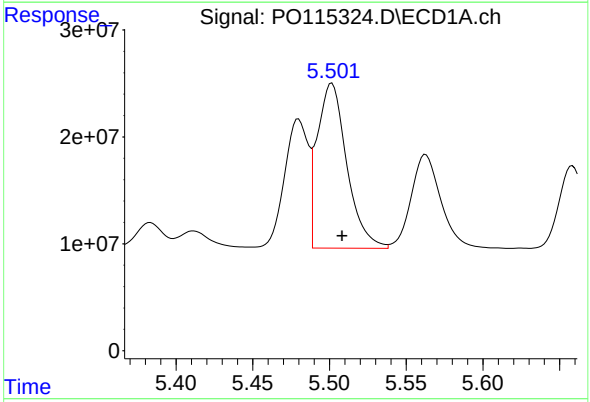
R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 129619117
Conc: 526.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



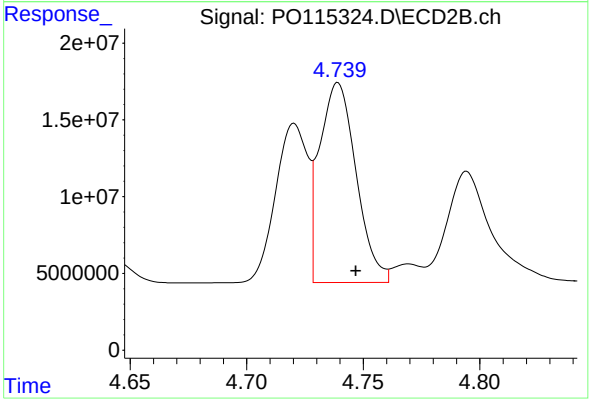
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.007 min
Response: 99665485
Conc: 523.85 ng/ml



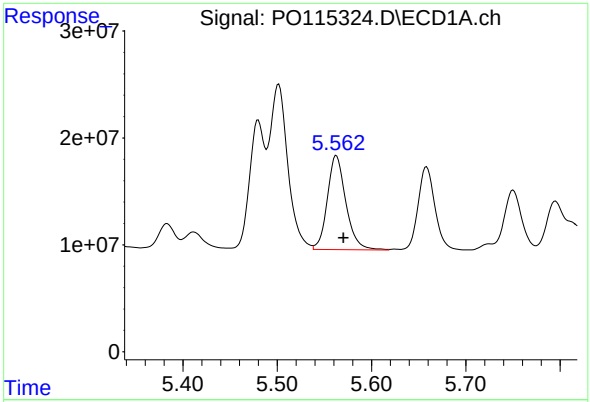
#4 AR-1016-2

R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 206837127
Conc: 520.91 ng/ml



#4 AR-1016-2

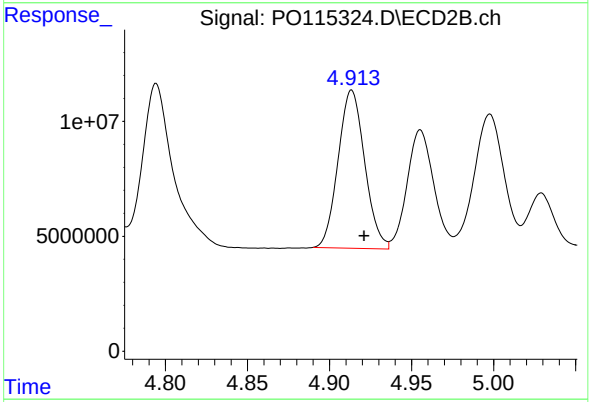
R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 141899232
Conc: 523.88 ng/ml



#5 AR-1016-3

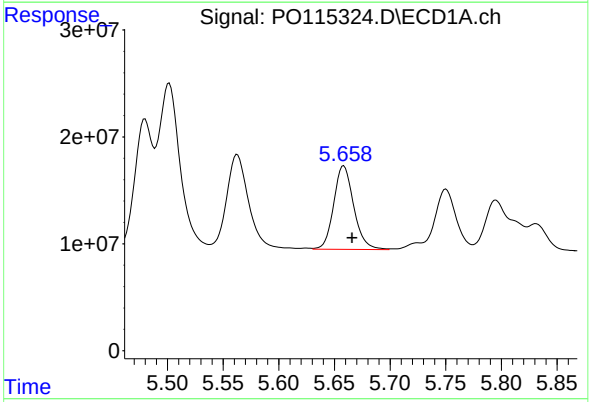
R.T.: 5.563 min
Delta R.T.: -0.008 min
Response: 120227429
Conc: 539.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



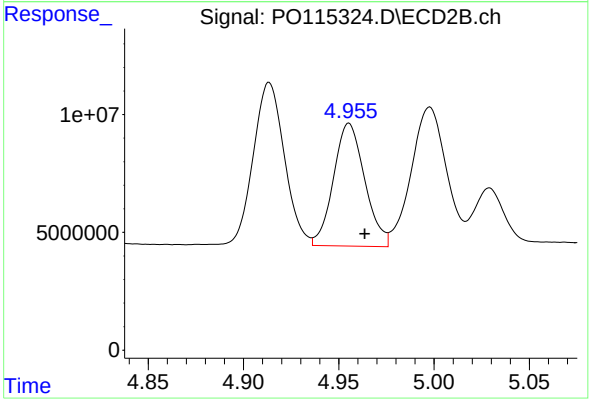
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.008 min
Response: 77656680
Conc: 524.80 ng/ml



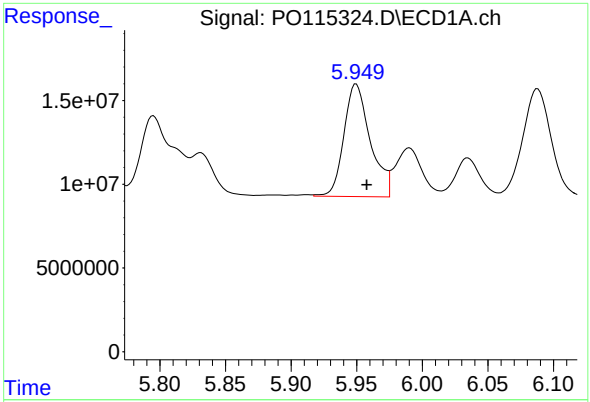
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 97637557
Conc: 516.94 ng/ml



#6 AR-1016-4

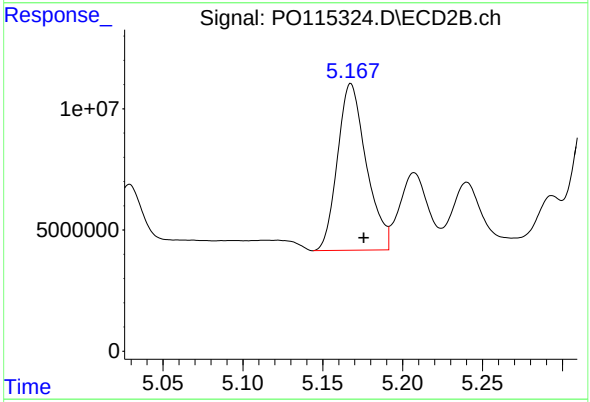
R.T.: 4.955 min
Delta R.T.: -0.008 min
Response: 59618205
Conc: 507.74 ng/ml



#7 AR-1016-5

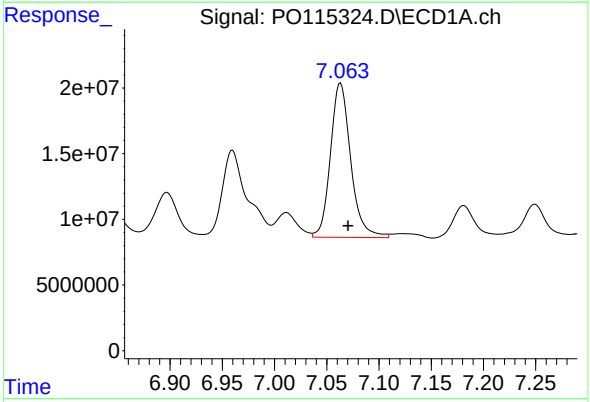
R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 94208928
Conc: 528.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



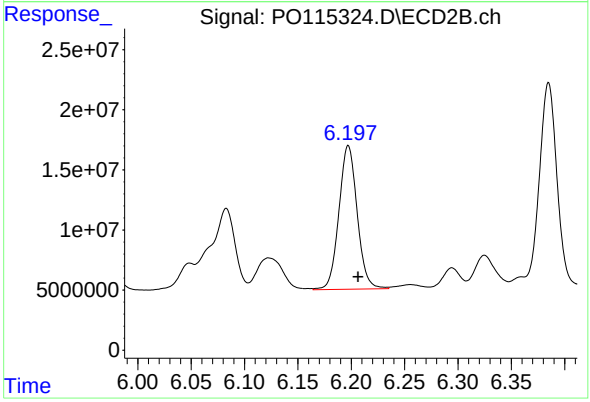
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.008 min
Response: 86271419
Conc: 564.92 ng/ml



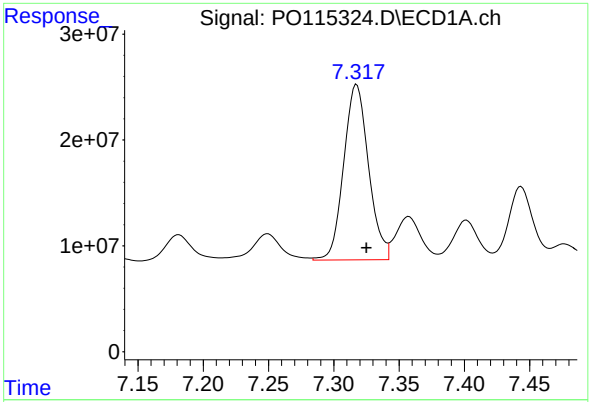
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 158616015
Conc: 518.97 ng/ml



#31 AR-1260-1

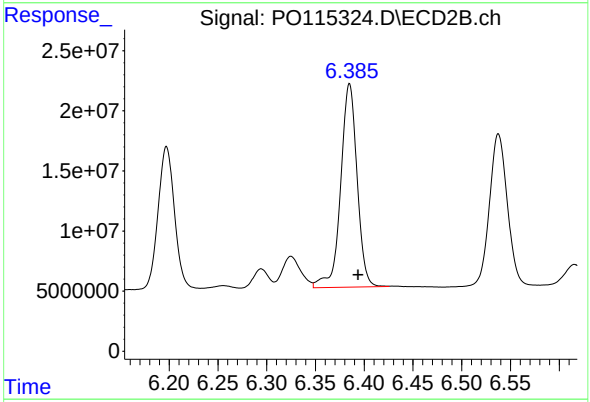
R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 142520157
Conc: 481.31 ng/ml



#32 AR-1260-2

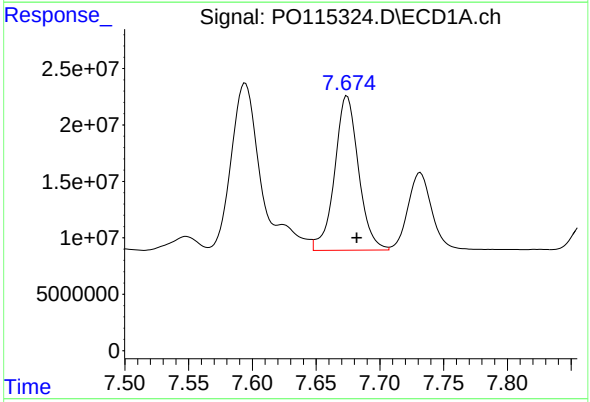
R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 219550706
Conc: 554.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



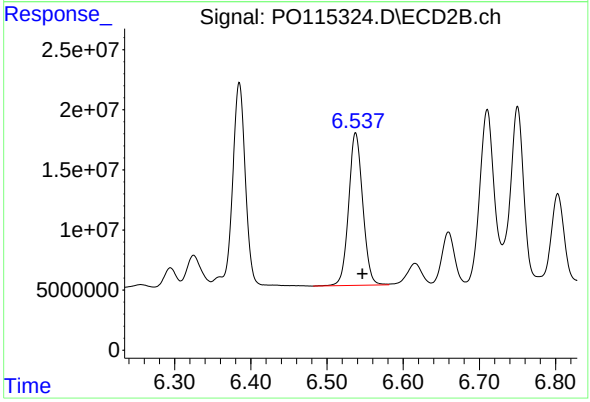
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 198645712
Conc: 461.93 ng/ml



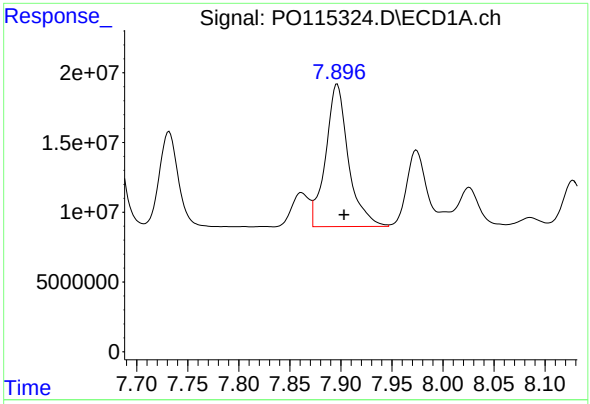
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 178512830
Conc: 537.98 ng/ml



#33 AR-1260-3

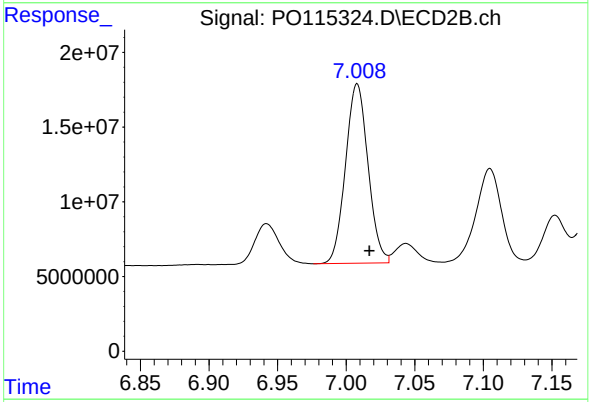
R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 163365853
Conc: 465.23 ng/ml



#34 AR-1260-4

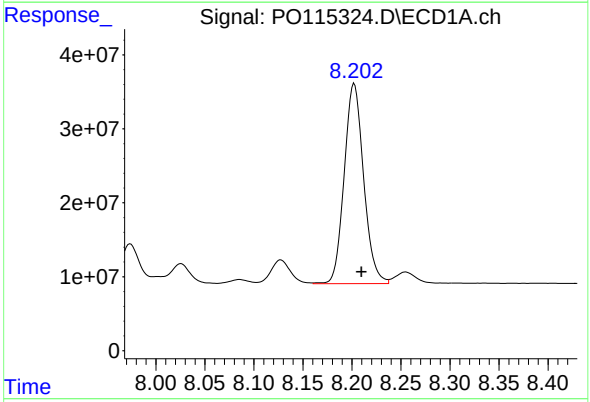
R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 158338955
Conc: 519.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



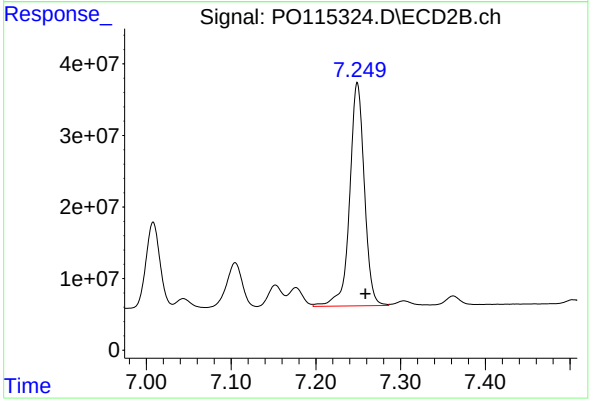
#34 AR-1260-4

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.:** Q3673

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	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		9.91	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.:** Q3673

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

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.:** Q3673

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 :** 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.:** Q3673

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 :** 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

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

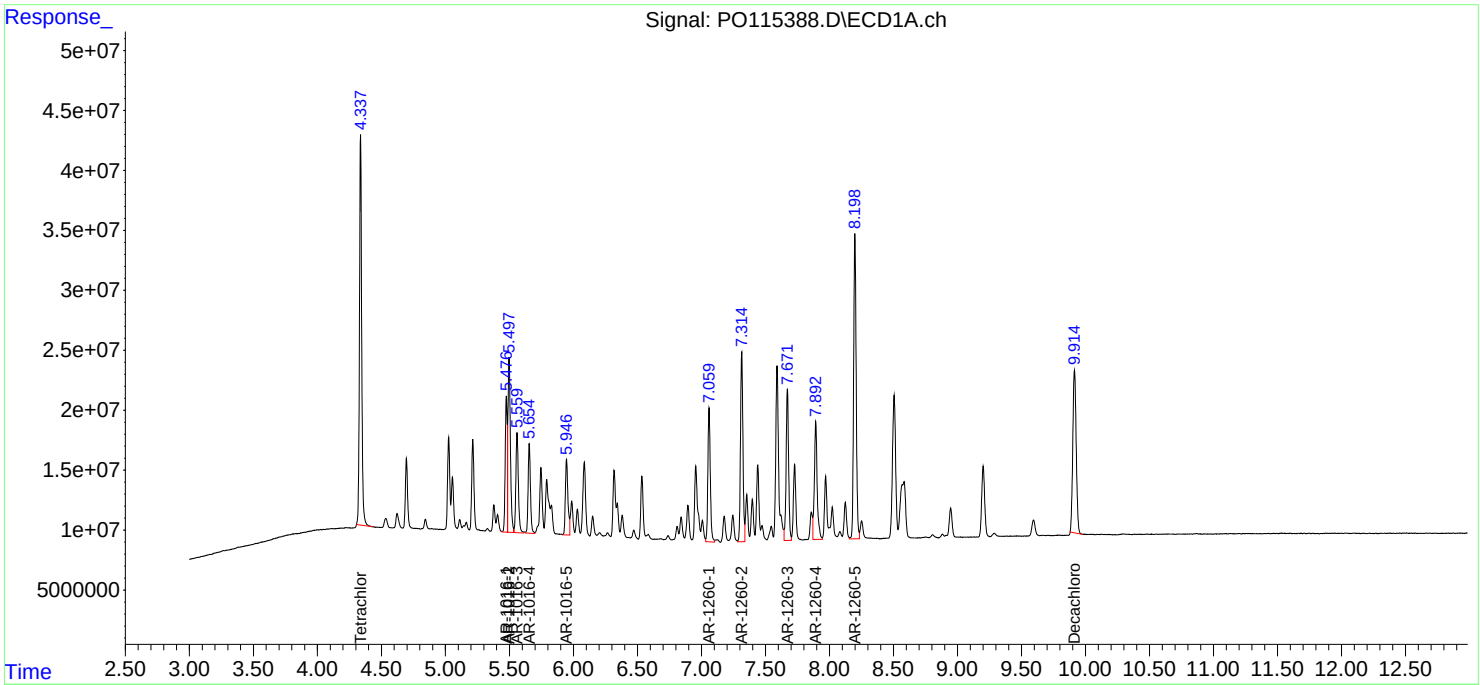
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

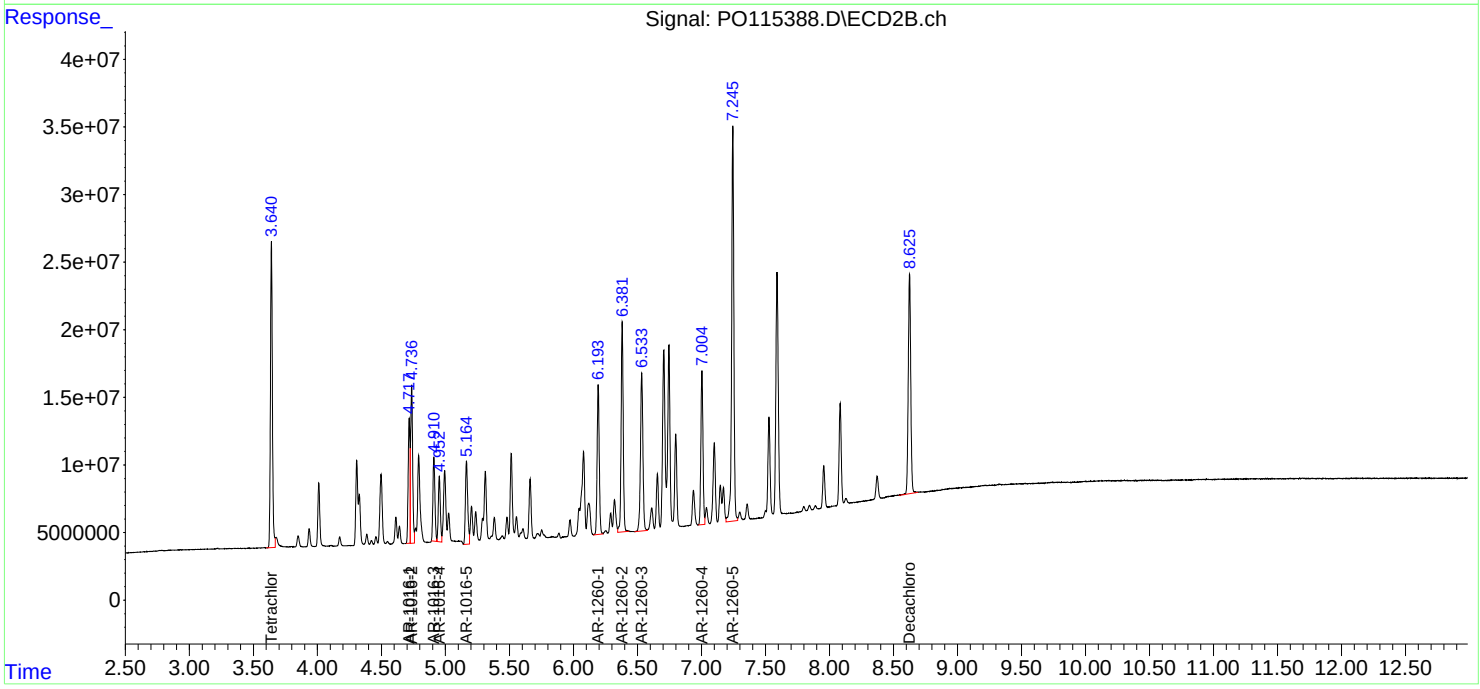
Manual Integrations APPROVED

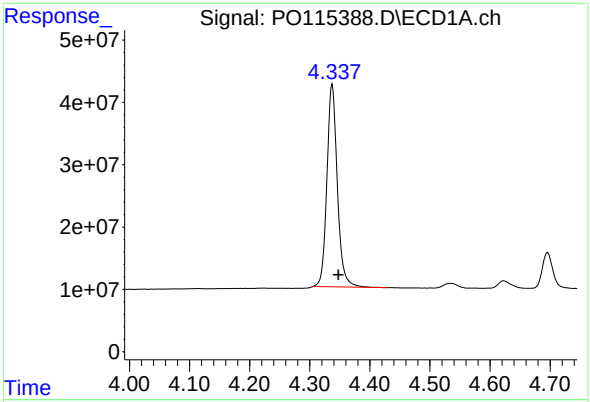
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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







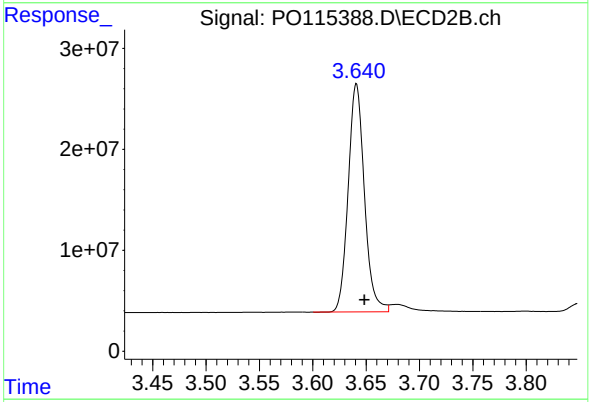
#1 Tetrachloro-m-xylene

R.T.: 4.337 min
Delta R.T.: -0.011 min
Response: 392602854
Conc: 55.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

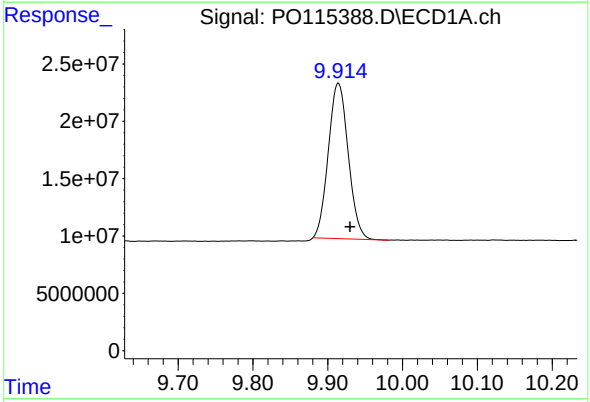
Manual Integrations
APPROVED

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



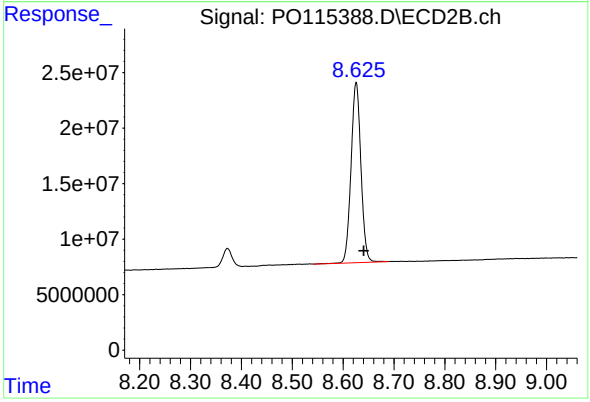
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: -0.007 min
Response: 239486396
Conc: 53.62 ng/ml



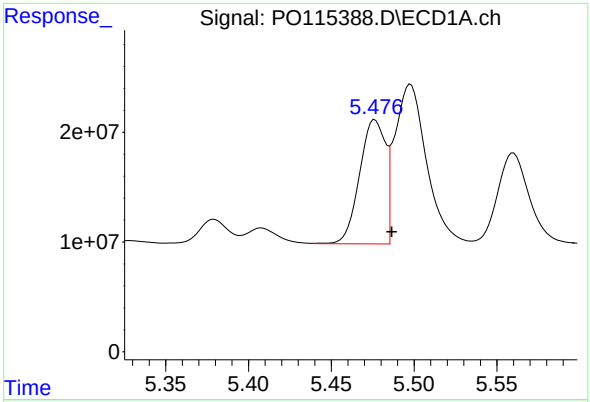
#2 Decachlorobiphenyl

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



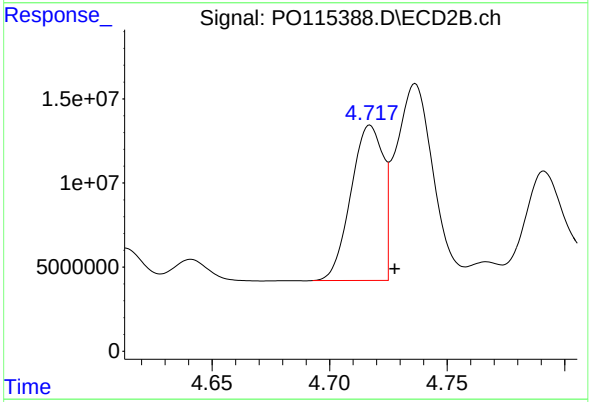
#3 AR-1016-1

R.T.: 5.476 min
Delta R.T.: -0.010 min
Response: 122835580
Conc: 499.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

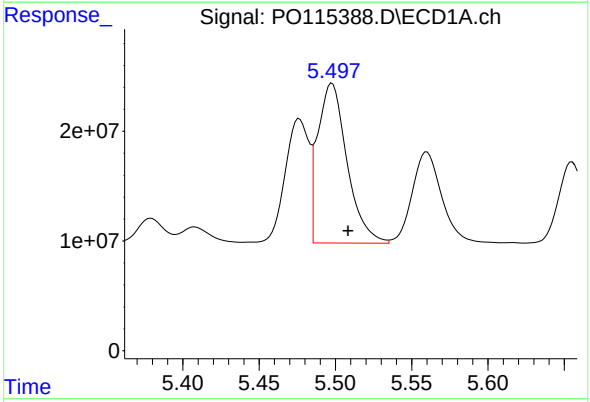
Manual Integrations APPROVED

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



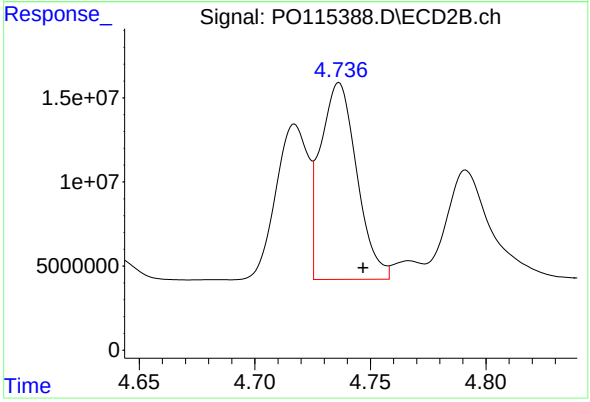
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: -0.011 min
Response: 89068263
Conc: 468.15 ng/ml m



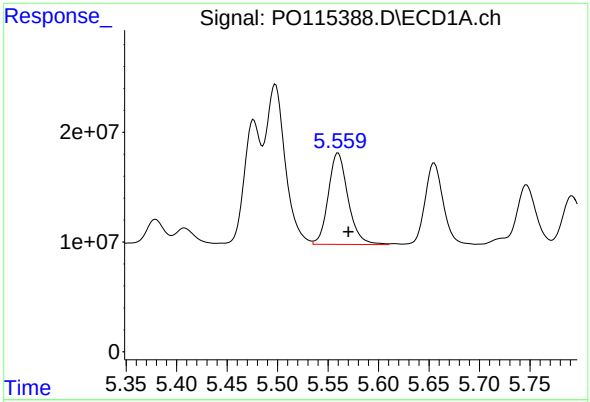
#4 AR-1016-2

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



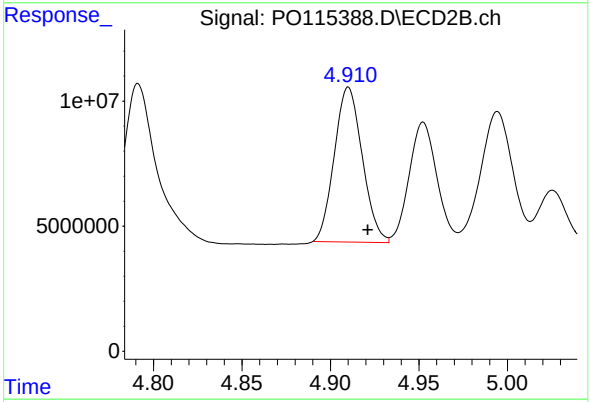
#5 AR-1016-3

R.T.: 5.560 min
Delta R.T.: -0.010 min
Response: 113353873
Conc: 508.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

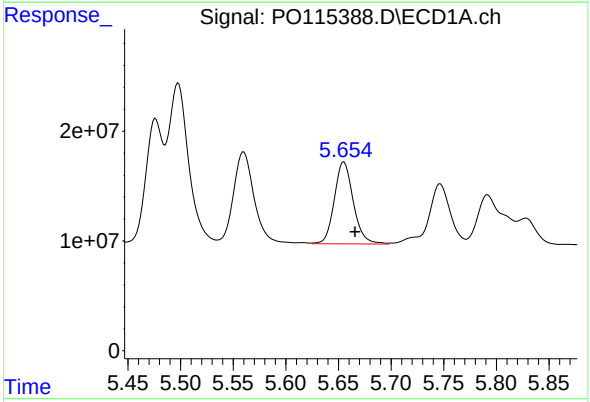
Manual Integrations APPROVED

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



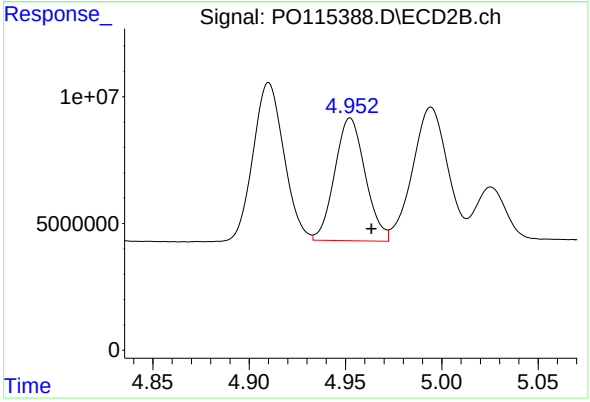
#5 AR-1016-3

R.T.: 4.910 min
Delta R.T.: -0.011 min
Response: 68189528
Conc: 460.82 ng/ml



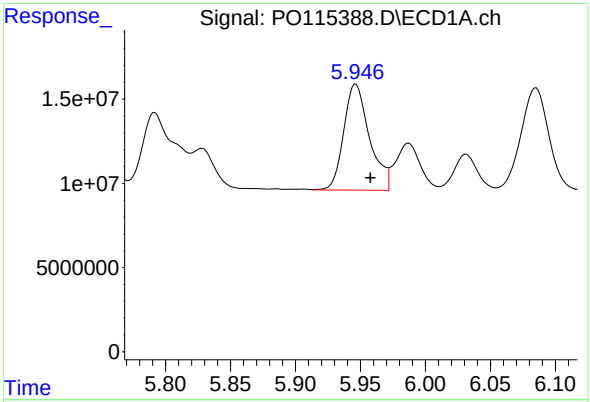
#6 AR-1016-4

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



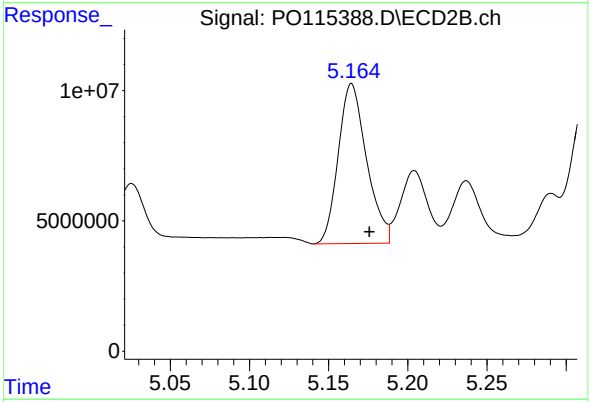
#7 AR-1016-5

R.T.: 5.946 min
Delta R.T.: -0.011 min
Response: 87164207
Conc: 489.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

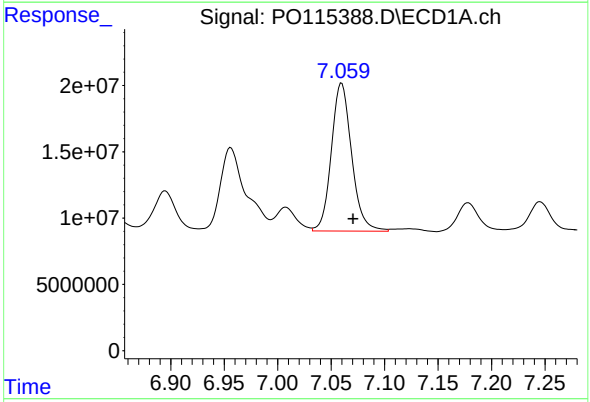
Manual Integrations APPROVED

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



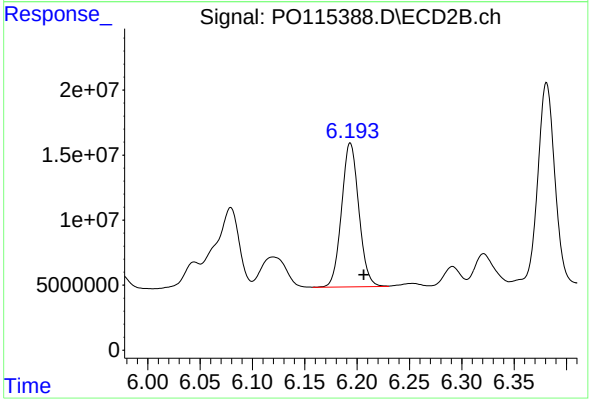
#7 AR-1016-5

R.T.: 5.165 min
Delta R.T.: -0.011 min
Response: 76408865
Conc: 500.34 ng/ml



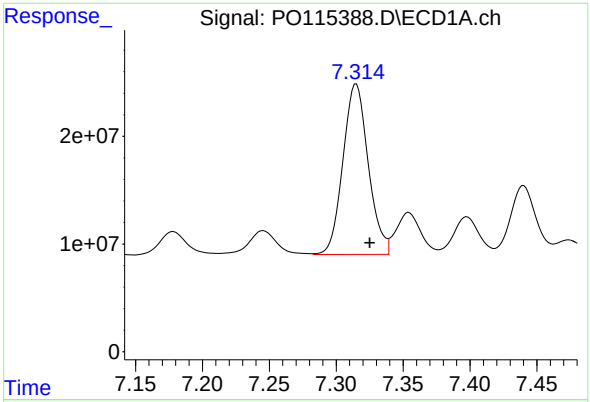
#31 AR-1260-1

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



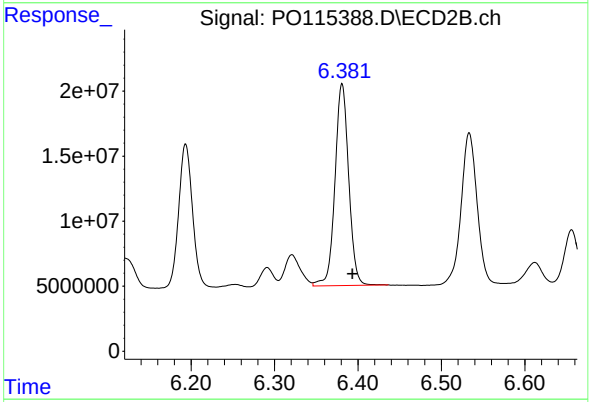
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 208712047
Conc: 527.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

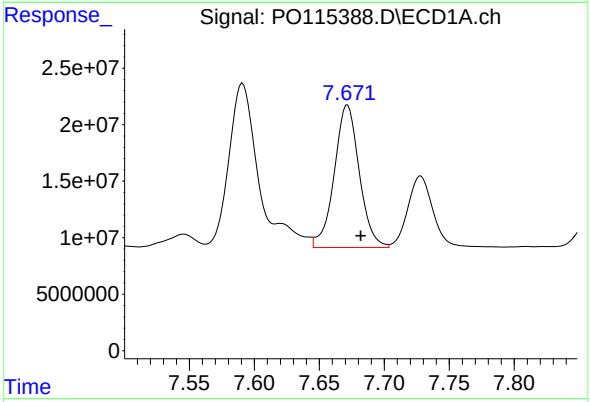
Manual Integrations APPROVED

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



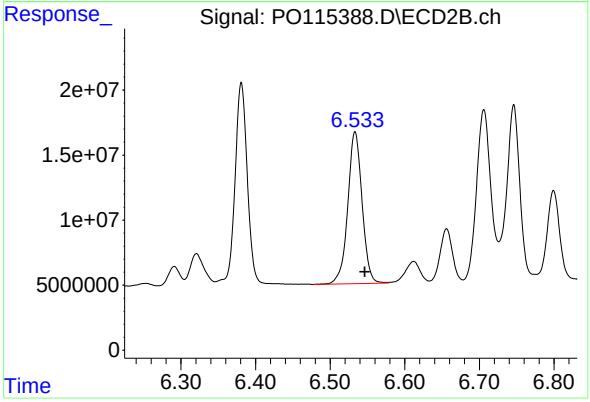
#32 AR-1260-2

R.T.: 6.381 min
Delta R.T.: -0.013 min
Response: 177825516
Conc: 413.52 ng/ml



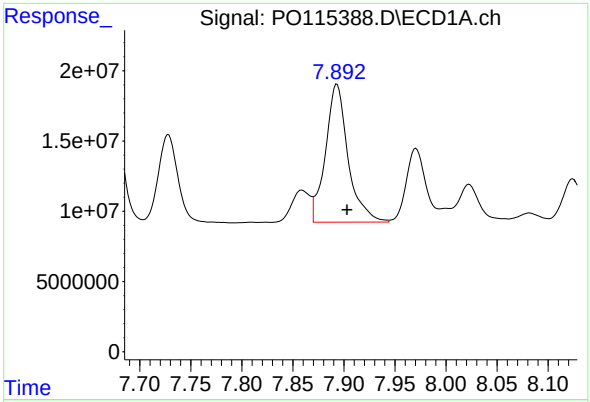
#33 AR-1260-3

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



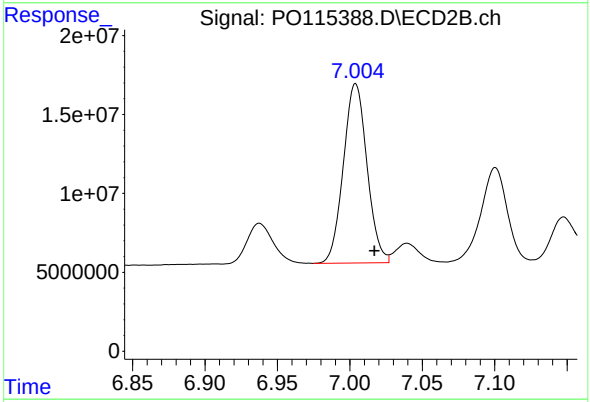
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 151204608
Conc: 495.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

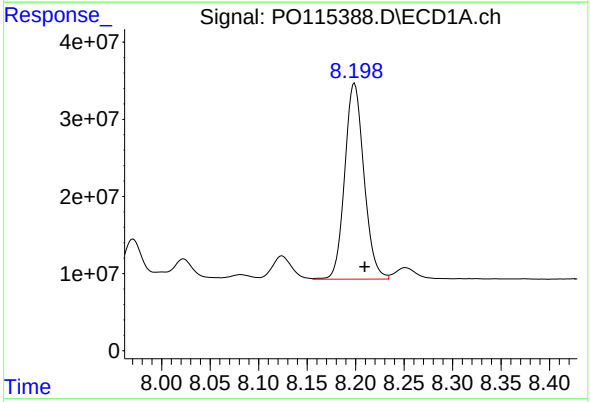
Manual Integrations APPROVED

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



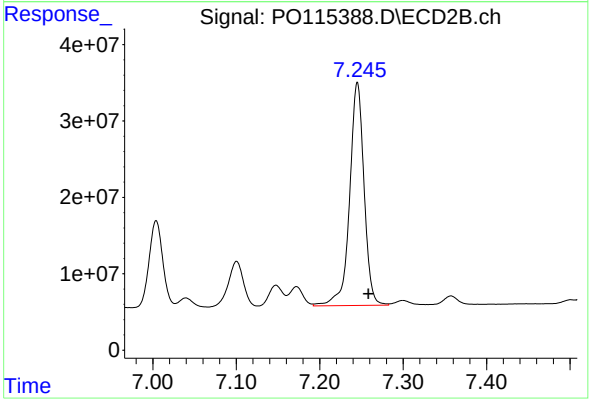
#34 AR-1260-4

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.:** Q3673

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	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

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL08 **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

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL08 **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.

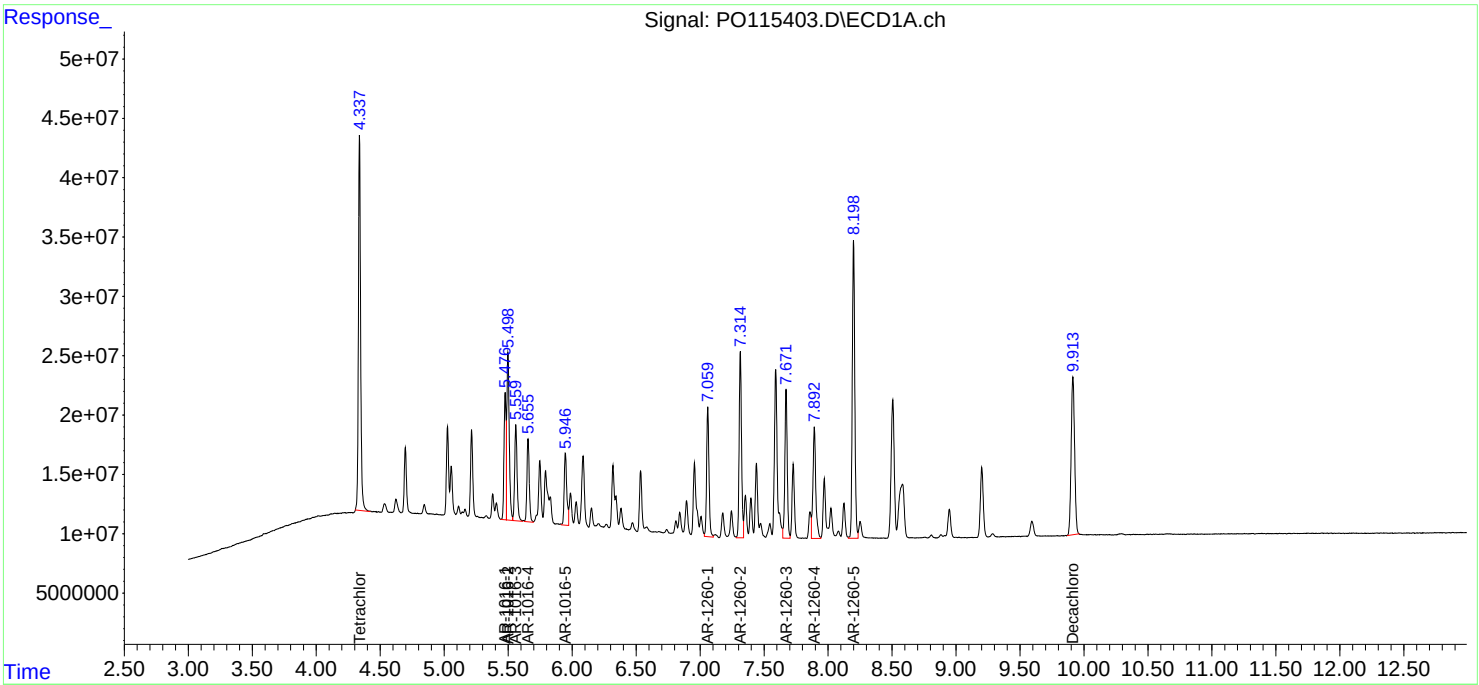
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 14:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

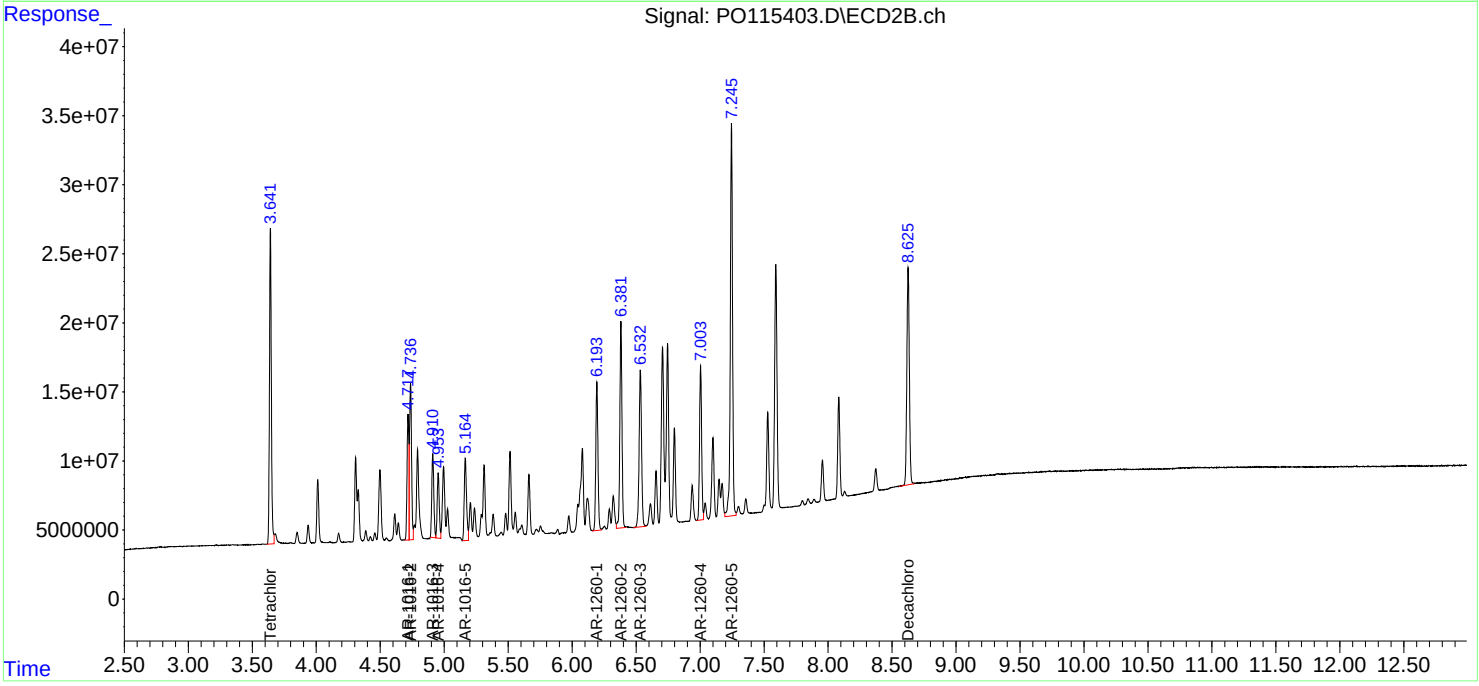
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

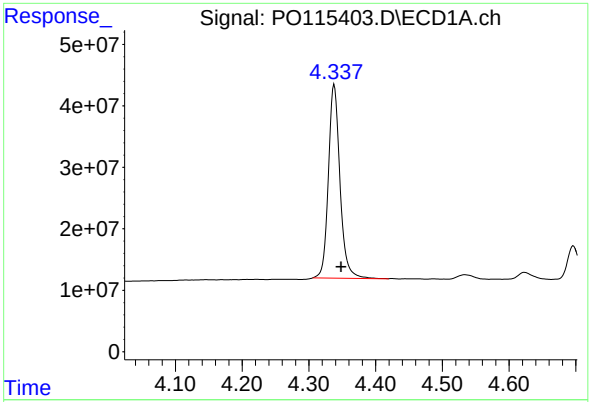
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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
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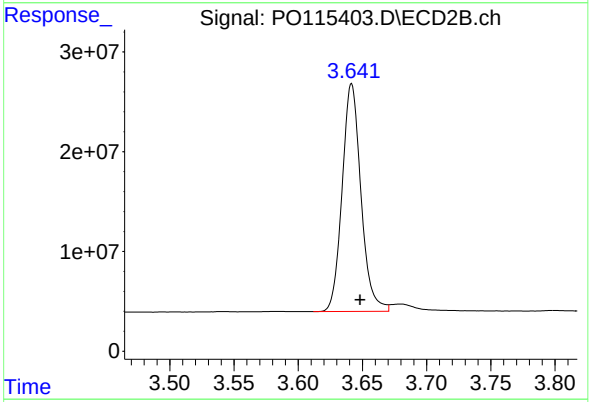
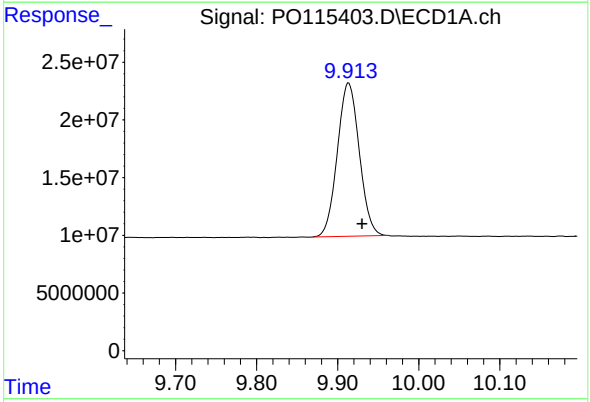


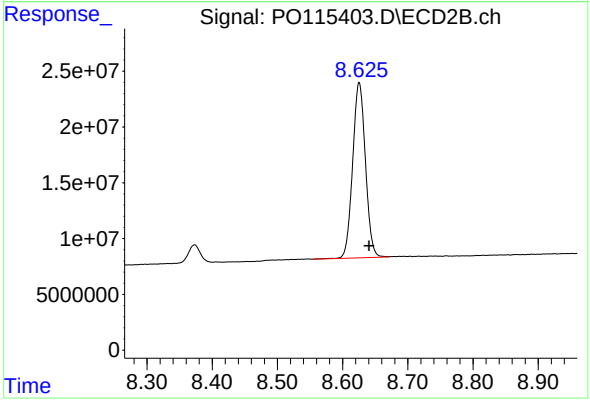
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.007 min
Response: 233318573
Conc: 52.23 ng/ml



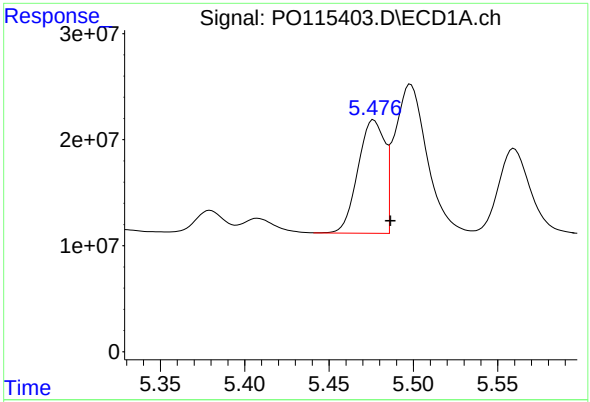
#2 Decachlorobiphenyl

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



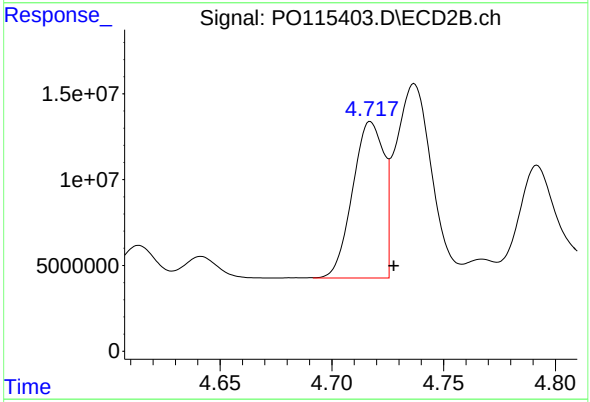
#3 AR-1016-1

R.T.: 5.477 min
Delta R.T.: -0.010 min
Response: 118048840
Conc: 479.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

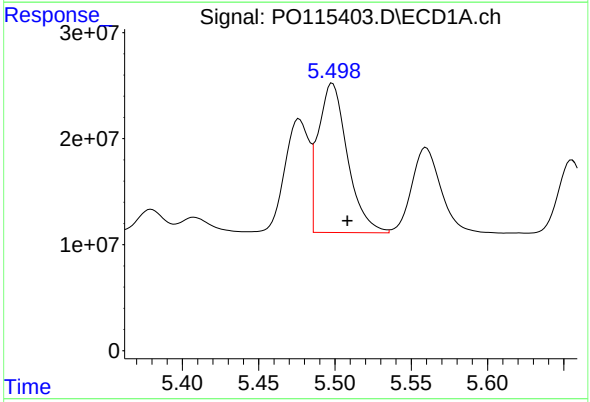
Manual Integrations APPROVED

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



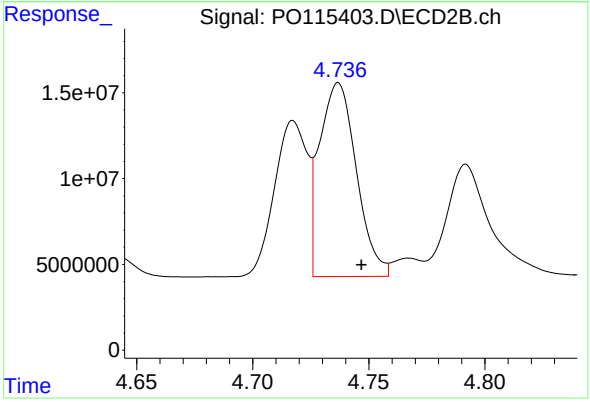
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: -0.011 min
Response: 86980352
Conc: 457.18 ng/ml m



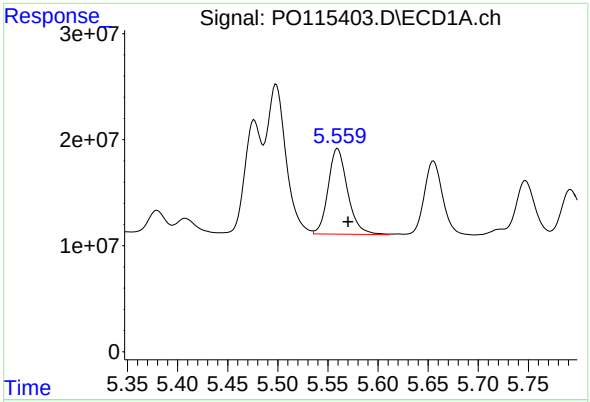
#4 AR-1016-2

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



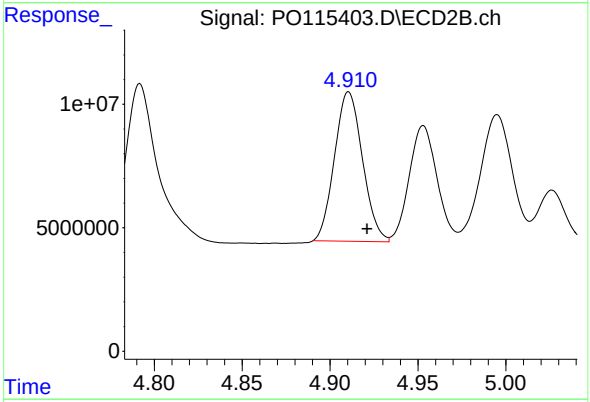
#5 AR-1016-3

R.T.: 5.560 min
Delta R.T.: -0.011 min
Response: 108868662
Conc: 488.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

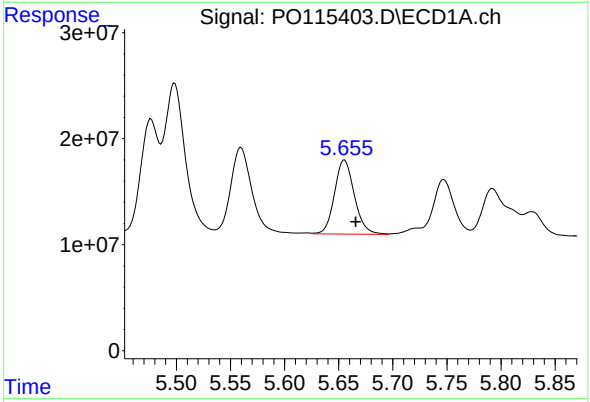
Manual Integrations APPROVED

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



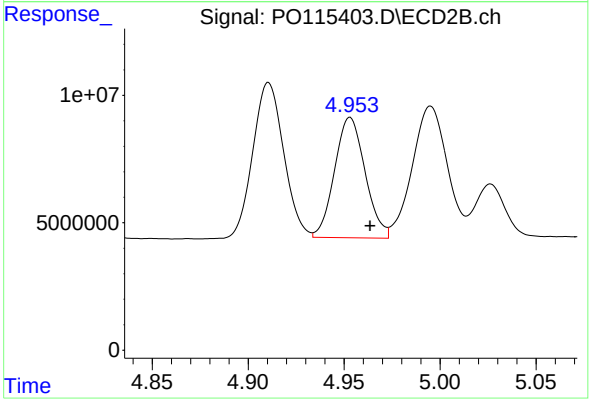
#5 AR-1016-3

R.T.: 4.911 min
Delta R.T.: -0.010 min
Response: 67011250
Conc: 452.86 ng/ml



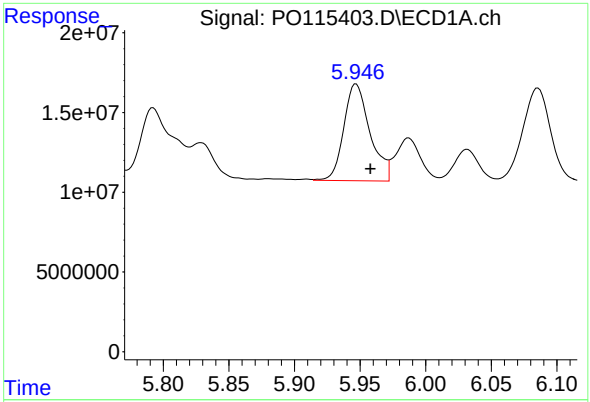
#6 AR-1016-4

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



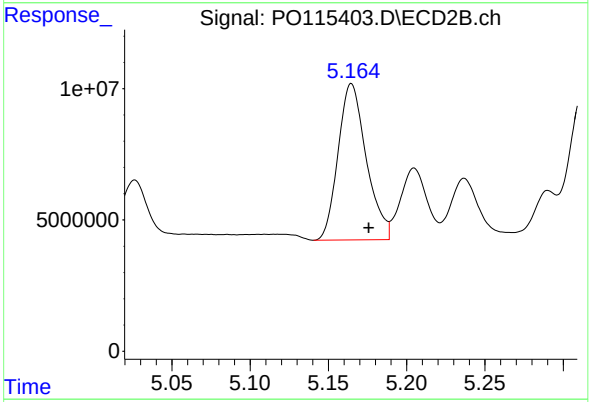
#7 AR-1016-5

R.T.: 5.947 min
Delta R.T.: -0.011 min
Response: 84445868
Conc: 473.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

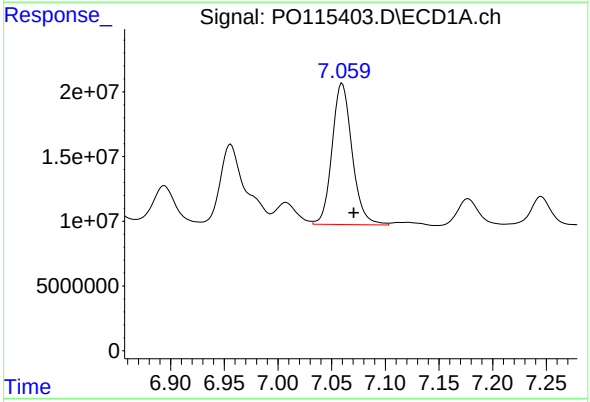
Manual Integrations APPROVED

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



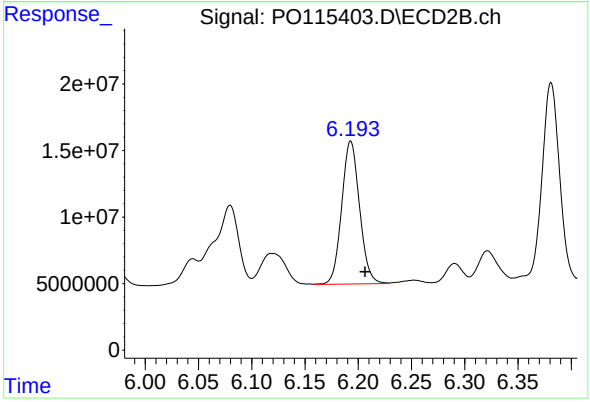
#7 AR-1016-5

R.T.: 5.165 min
Delta R.T.: -0.011 min
Response: 74680423
Conc: 489.02 ng/ml



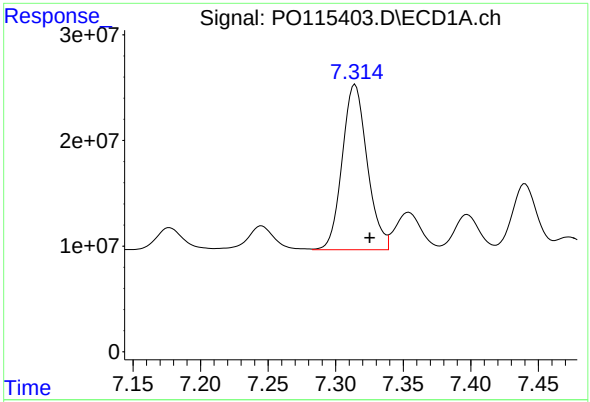
#31 AR-1260-1

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



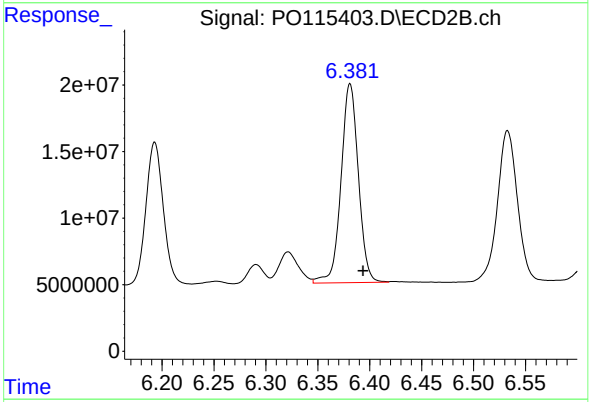
#32 AR-1260-2

R.T.: 7.314 min
Delta R.T.: -0.011 min
Response: 201534385
Conc: 509.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

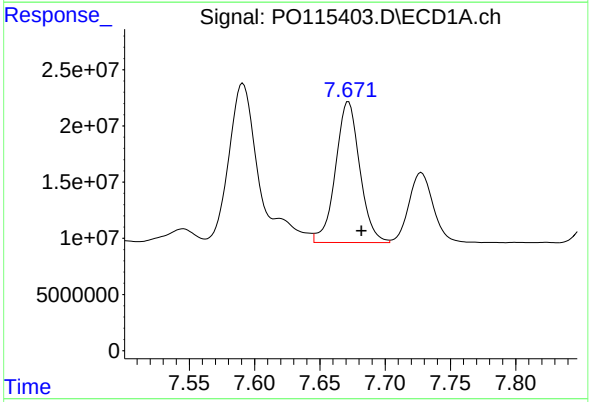
Manual Integrations APPROVED

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



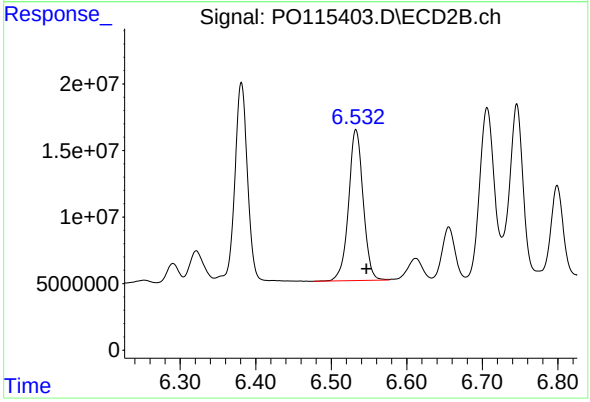
#32 AR-1260-2

R.T.: 6.381 min
Delta R.T.: -0.012 min
Response: 173792942
Conc: 404.14 ng/ml



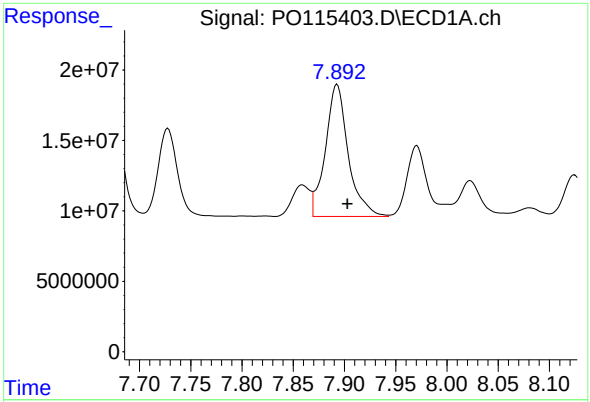
#33 AR-1260-3

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



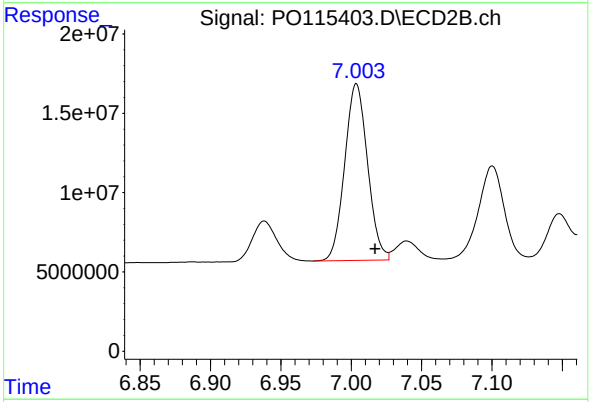
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 145310208
Conc: 476.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

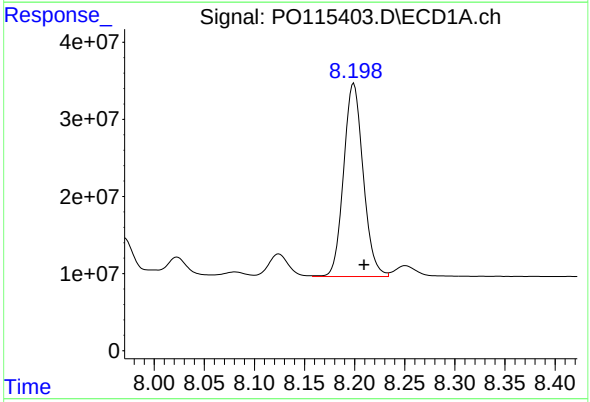
Manual Integrations APPROVED

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



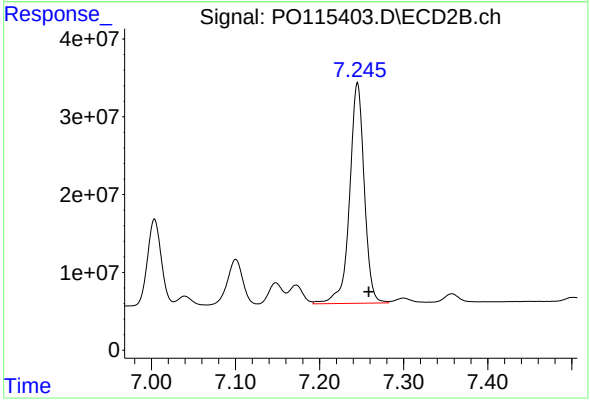
#34 AR-1260-4

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.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 11:02 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.00
Aroclor-1016-3	(3)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-4	(4)	4.66	4.66	4.56	4.76	0.00
Aroclor-1016-5	(5)	4.95	4.95	4.85	5.05	0.00
Aroclor-1260-1	(1)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-2	(2)	6.30	6.30	6.20	6.40	0.00
Aroclor-1260-3	(3)	6.65	6.65	6.55	6.75	0.00
Aroclor-1260-4	(4)	6.87	6.87	6.77	6.97	0.00
Aroclor-1260-5	(5)	7.18	7.18	7.08	7.28	0.00
Tetrachloro-m-xylene		3.41	3.41	3.31	3.51	0.00
Decachlorobiphenyl		8.54	8.54	8.44	8.64	0.00

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 11:02 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.87	3.87	3.77	3.97	0.00
Aroclor-1016-2	(2)	3.89	3.89	3.79	3.99	0.00
Aroclor-1016-3	(3)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-4	(4)	4.10	4.10	4.00	4.20	0.00
Aroclor-1016-5	(5)	4.29	4.30	4.20	4.40	0.01
Aroclor-1260-1	(1)	5.30	5.30	5.20	5.40	0.00
Aroclor-1260-2	(2)	5.48	5.49	5.39	5.59	0.01
Aroclor-1260-3	(3)	5.63	5.63	5.53	5.73	0.00
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.34	6.34	6.24	6.44	0.00
Tetrachloro-m-xylene		2.86	2.86	2.76	2.96	0.00
Decachlorobiphenyl		7.66	7.66	7.56	7.76	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL09 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071364.D **Time Analyzed:** 11:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.497	4.397	4.597	526.880	500.000	5.4
Aroclor-1016-2	4.516	4.416	4.616	537.410	500.000	7.5
Aroclor-1016-3	4.574	4.474	4.674	526.150	500.000	5.2
Aroclor-1016-4	4.664	4.564	4.764	531.960	500.000	6.4
Aroclor-1016-5	4.950	4.849	5.049	539.290	500.000	7.9
Aroclor-1260-1	6.042	5.943	6.143	503.460	500.000	0.7
Aroclor-1260-2	6.301	6.200	6.400	536.860	500.000	7.4
Aroclor-1260-3	6.653	6.552	6.752	525.830	500.000	5.2
Aroclor-1260-4	6.867	6.767	6.967	528.400	500.000	5.7
Aroclor-1260-5	7.175	7.075	7.275	524.110	500.000	4.8
Decachlorobiphenyl	8.537	8.437	8.637	50.170	50.000	0.3
Tetrachloro-m-xylene	3.412	3.311	3.511	54.640	50.000	9.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL09 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071364.D **Time Analyzed:** 11:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.870	3.771	3.971	580.420	500.000	16.1
Aroclor-1016-2	3.887	3.788	3.988	585.740	500.000	17.1
Aroclor-1016-3	4.048	3.950	4.150	576.350	500.000	15.3
Aroclor-1016-4	4.097	3.998	4.198	569.100	500.000	13.8
Aroclor-1016-5	4.294	4.195	4.395	580.470	500.000	16.1
Aroclor-1260-1	5.295	5.197	5.397	584.340	500.000	16.9
Aroclor-1260-2	5.484	5.386	5.586	586.530	500.000	17.3
Aroclor-1260-3	5.627	5.530	5.730	578.190	500.000	15.6
Aroclor-1260-4	6.091	5.993	6.193	581.360	500.000	16.3
Aroclor-1260-5	6.336	6.238	6.438	577.820	500.000	15.6
Decachlorobiphenyl	7.656	7.559	7.759	55.670	50.000	11.3
Tetrachloro-m-xylene	2.856	2.756	2.956	58.620	50.000	17.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 11:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:39:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.412	2.856	475.7E6	547.3E6	54.640	58.616
2)	SA Decachlor...	8.537	7.656	314.1E6	508.7E6	50.168	55.673
	Target Compounds						
3)	L1 AR-1016-1	4.497	3.870	174.2E6	210.2E6	526.876	580.418
4)	L1 AR-1016-2	4.516	3.887	255.6E6	287.7E6	537.409	585.737
5)	L1 AR-1016-3	4.574	4.048	157.0E6	160.2E6	526.149	576.348
6)	L1 AR-1016-4	4.664	4.097	130.6E6	127.6E6	531.960	569.100
7)	L1 AR-1016-5	4.950	4.294	127.5E6	161.7E6	539.294	580.474
31)	L7 AR-1260-1	6.042	5.295	225.3E6	291.5E6	503.465	584.335
32)	L7 AR-1260-2	6.301	5.484	274.3E6	355.7E6	536.859	586.531
33)	L7 AR-1260-3	6.653	5.627	201.3E6	341.8E6	525.831	578.190
34)	L7 AR-1260-4	6.867	6.091	220.9E6	288.0E6	528.401	581.361
35)	L7 AR-1260-5	7.175	6.336	436.2E6	663.5E6	524.109	577.815

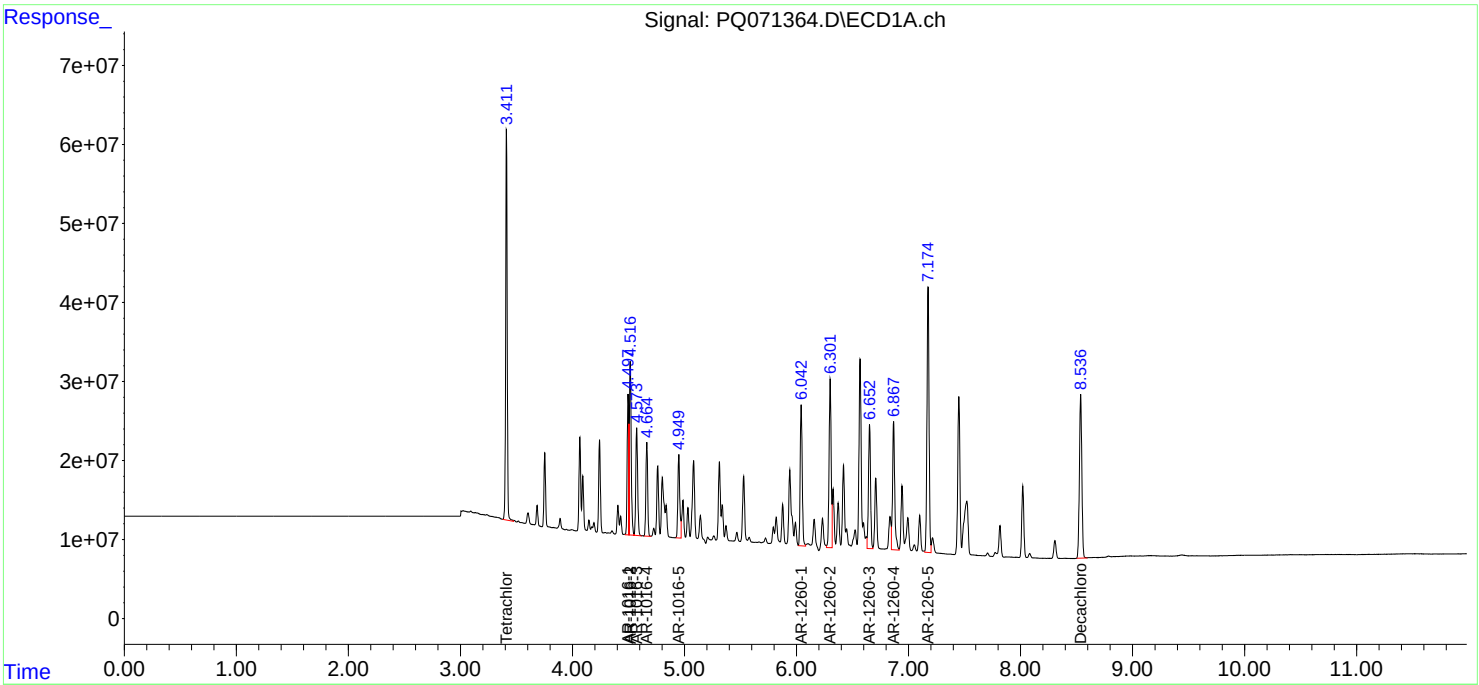
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

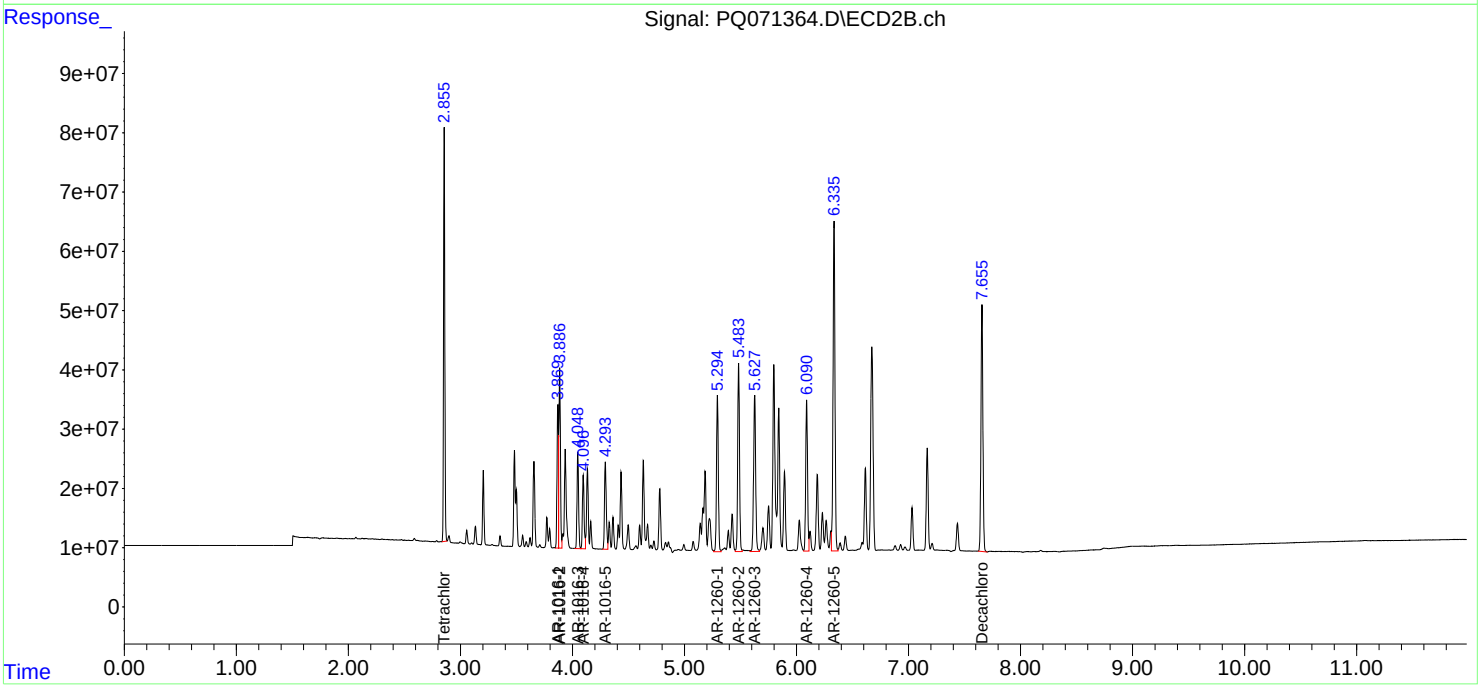
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071364.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 11:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

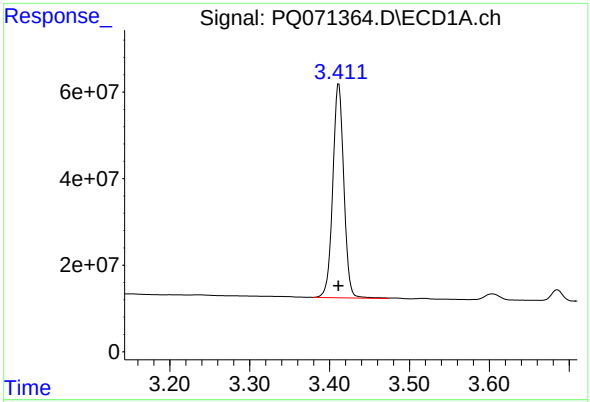
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:39:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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



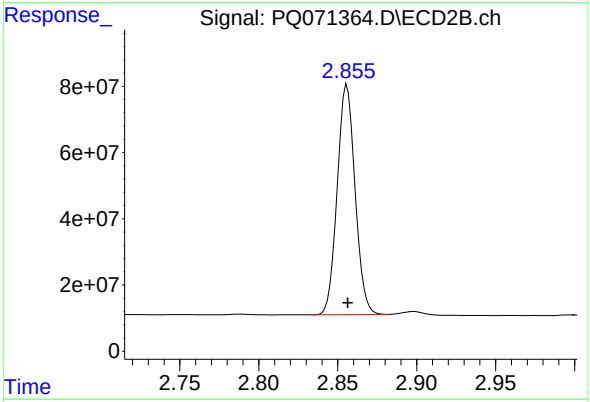




#1 Tetrachloro-m-xylene

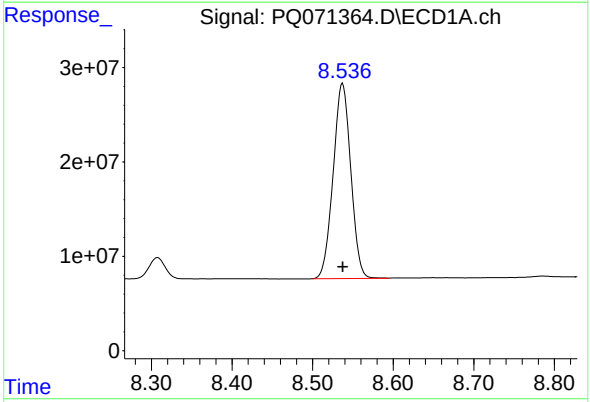
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 475651537
Conc: 54.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



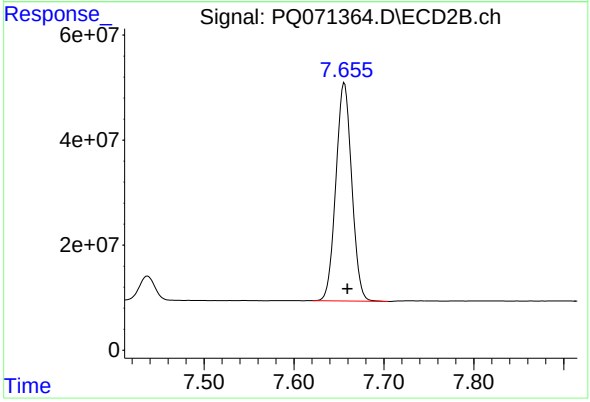
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 547281473
Conc: 58.62 ng/ml



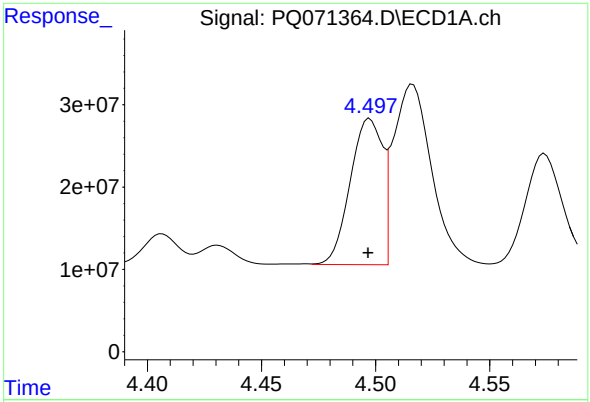
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 314127624
Conc: 50.17 ng/ml



#2 Decachlorobiphenyl

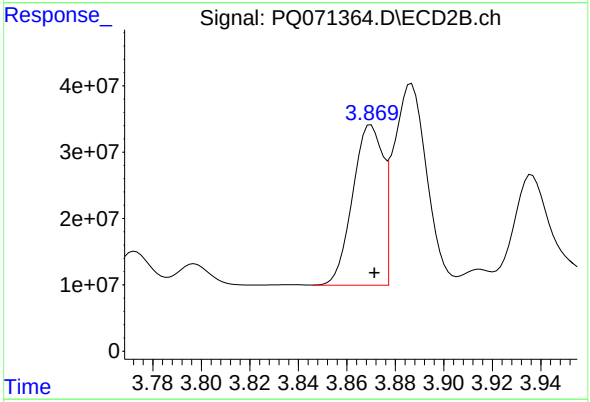
R.T.: 7.656 min
Delta R.T.: -0.003 min
Response: 508720260
Conc: 55.67 ng/ml



#3 AR-1016-1

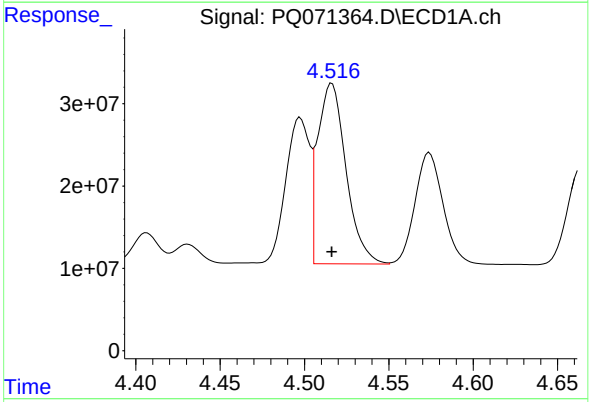
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 174158677
Conc: 526.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



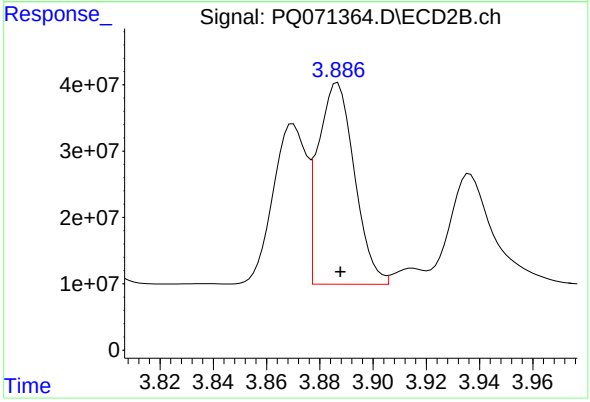
#3 AR-1016-1

R.T.: 3.870 min
Delta R.T.: -0.001 min
Response: 210182600
Conc: 580.42 ng/ml



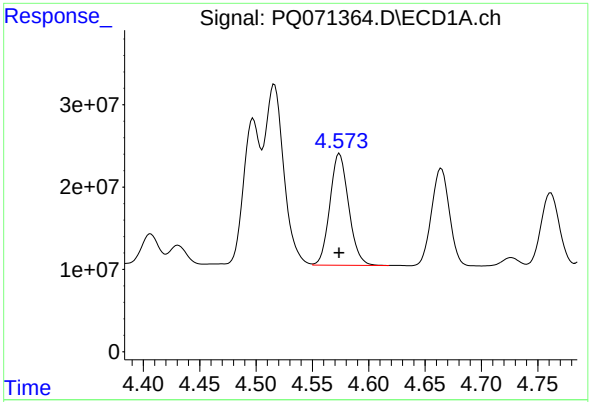
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 255602486
Conc: 537.41 ng/ml



#4 AR-1016-2

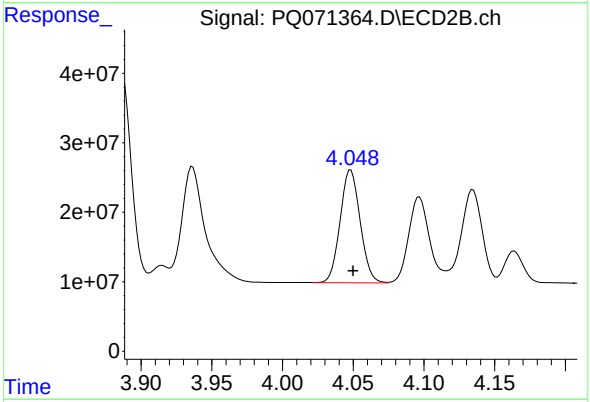
R.T.: 3.887 min
Delta R.T.: -0.001 min
Response: 287703706
Conc: 585.74 ng/ml



#5 AR-1016-3

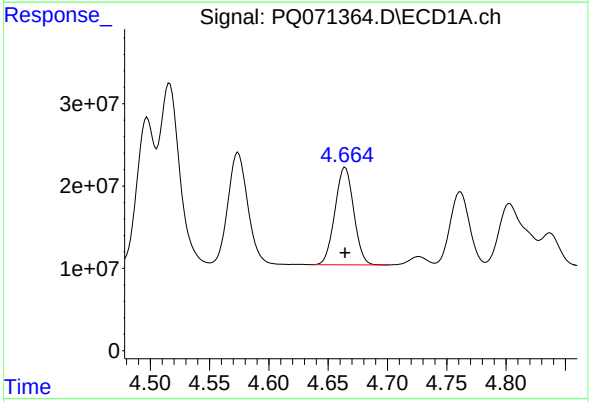
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 157033766
Conc: 526.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



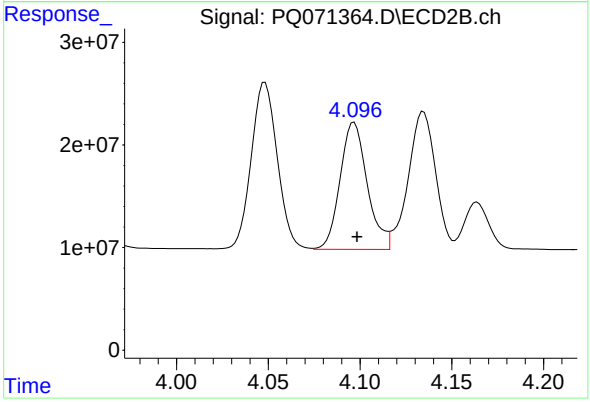
#5 AR-1016-3

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 160219991
Conc: 576.35 ng/ml



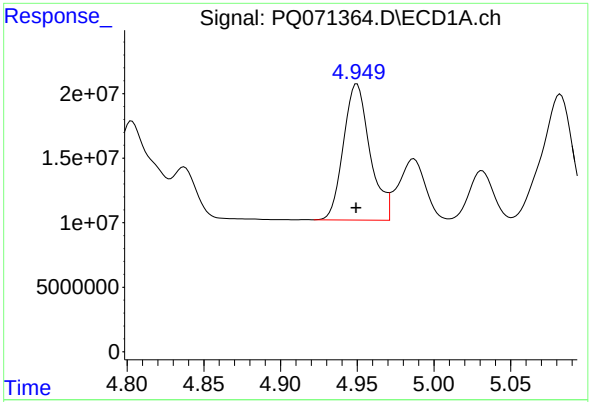
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 130621334
Conc: 531.96 ng/ml



#6 AR-1016-4

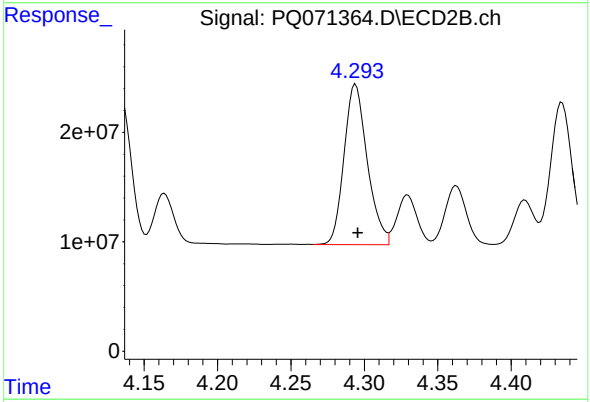
R.T.: 4.097 min
Delta R.T.: -0.002 min
Response: 127619500
Conc: 569.10 ng/ml



#7 AR-1016-5

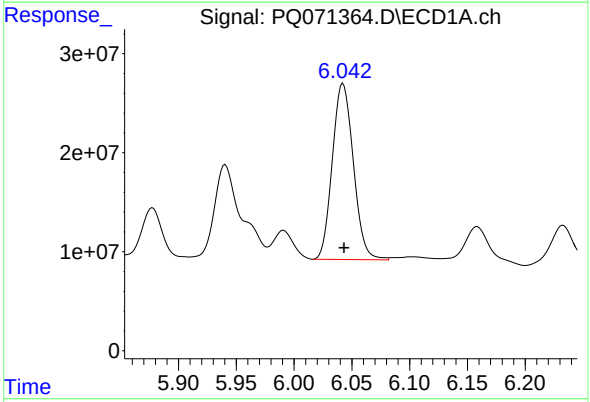
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 127497022
Conc: 539.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



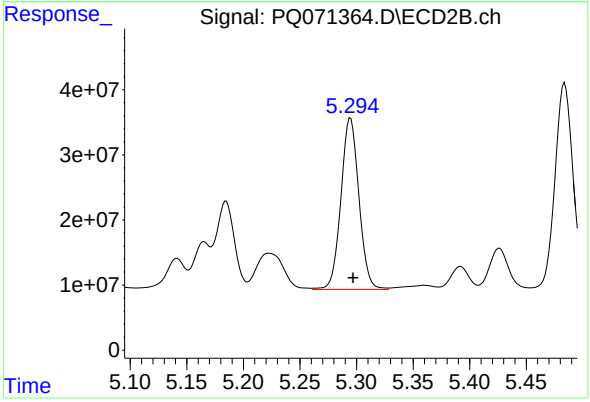
#7 AR-1016-5

R.T.: 4.294 min
Delta R.T.: -0.002 min
Response: 161701586
Conc: 580.47 ng/ml



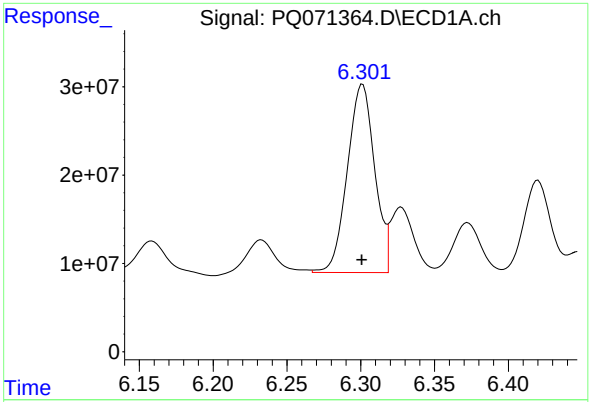
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 225299059
Conc: 503.46 ng/ml



#31 AR-1260-1

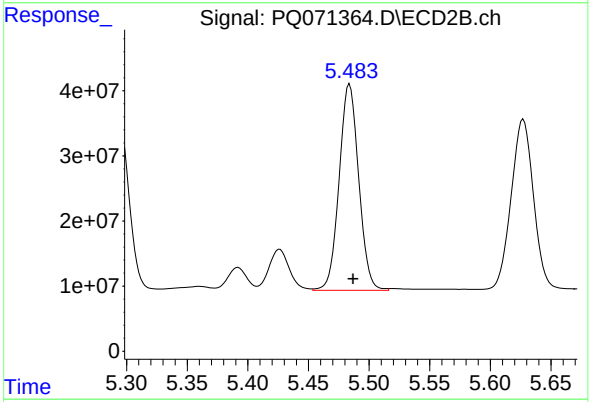
R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 291540423
Conc: 584.34 ng/ml



#32 AR-1260-2

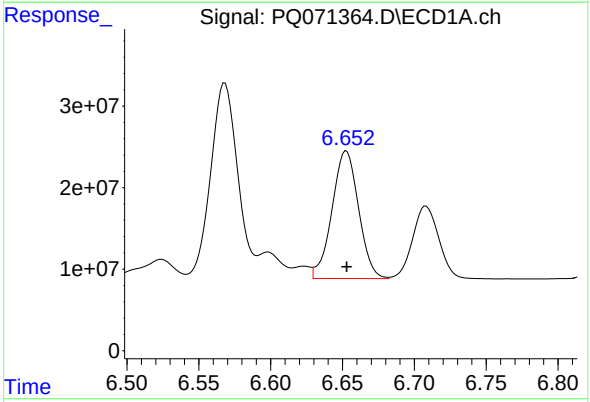
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 274288806
Conc: 536.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



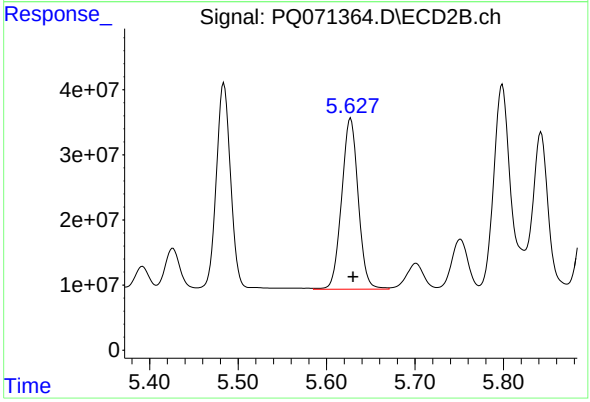
#32 AR-1260-2

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 355658153
Conc: 586.53 ng/ml



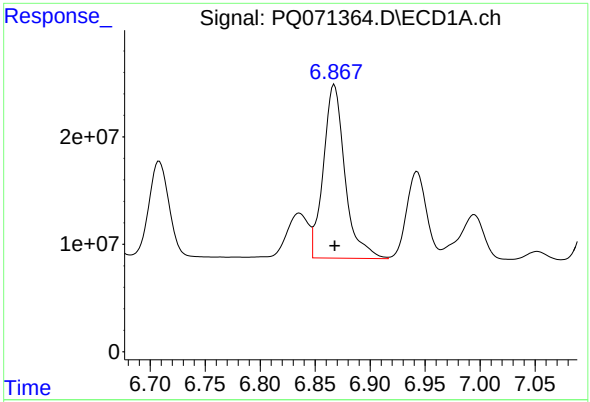
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 201253189
Conc: 525.83 ng/ml



#33 AR-1260-3

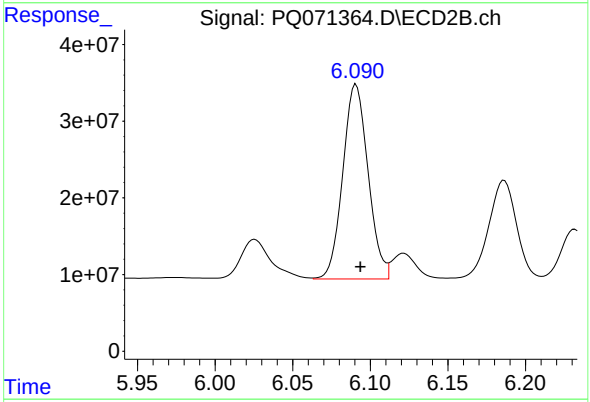
R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 341816758
Conc: 578.19 ng/ml



#34 AR-1260-4

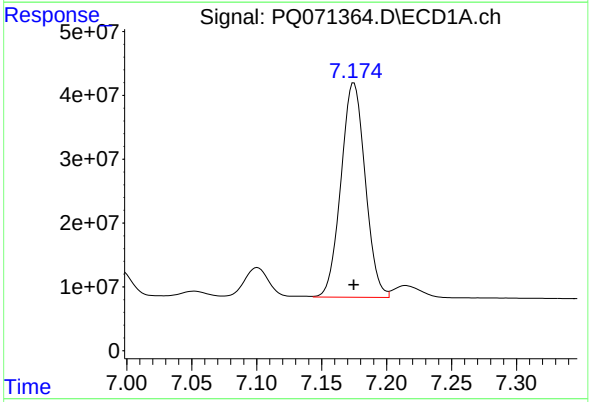
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 220947959
Conc: 528.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



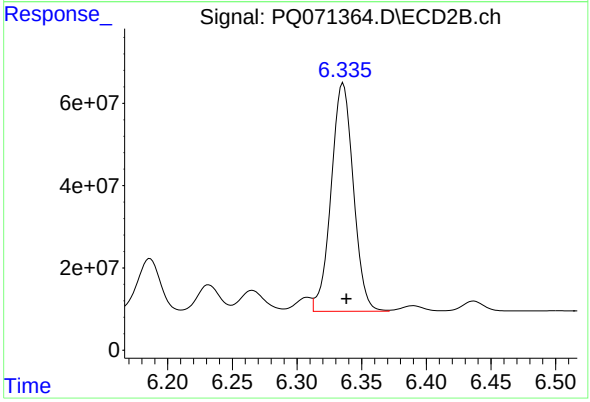
#34 AR-1260-4

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 287994056
Conc: 581.36 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 436183569
Conc: 524.11 ng/ml



#35 AR-1260-5

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 663496935
Conc: 577.82 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.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 16:25 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.00
Aroclor-1016-3	(3)	4.58	4.57	4.47	4.67	-0.01
Aroclor-1016-4	(4)	4.67	4.66	4.56	4.76	-0.01
Aroclor-1016-5	(5)	4.95	4.95	4.85	5.05	0.00
Aroclor-1260-1	(1)	6.05	6.04	5.94	6.14	-0.01
Aroclor-1260-2	(2)	6.30	6.30	6.20	6.40	0.00
Aroclor-1260-3	(3)	6.66	6.65	6.55	6.75	-0.01
Aroclor-1260-4	(4)	6.87	6.87	6.77	6.97	0.00
Aroclor-1260-5	(5)	7.18	7.18	7.08	7.28	0.00
Tetrachloro-m-xylene		3.42	3.41	3.31	3.51	-0.01
Decachlorobiphenyl		8.54	8.54	8.44	8.64	0.00

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.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 16:25 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	3.87	3.87	3.77	3.97	0.00
Aroclor-1016-2	(2)	3.89	3.89	3.79	3.99	0.00
Aroclor-1016-3	(3)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-4	(4)	4.10	4.10	4.00	4.20	0.00
Aroclor-1016-5	(5)	4.29	4.30	4.20	4.40	0.01
Aroclor-1260-1	(1)	5.30	5.30	5.20	5.40	0.00
Aroclor-1260-2	(2)	5.49	5.49	5.39	5.59	0.00
Aroclor-1260-3	(3)	5.63	5.63	5.53	5.73	0.00
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.34	6.34	6.24	6.44	0.00
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.66	7.66	7.56	7.76	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3673

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL10 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071375.D **Time Analyzed:** 16:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.502	4.397	4.597	489.780	500.000	-2.0
Aroclor-1016-2	4.521	4.416	4.616	493.370	500.000	-1.3
Aroclor-1016-3	4.578	4.474	4.674	486.060	500.000	-2.8
Aroclor-1016-4	4.669	4.564	4.764	491.670	500.000	-1.7
Aroclor-1016-5	4.954	4.849	5.049	497.090	500.000	-0.6
Aroclor-1260-1	6.048	5.943	6.143	471.800	500.000	-5.6
Aroclor-1260-2	6.304	6.200	6.400	498.960	500.000	-0.2
Aroclor-1260-3	6.657	6.552	6.752	489.190	500.000	-2.2
Aroclor-1260-4	6.871	6.767	6.967	490.430	500.000	-1.9
Aroclor-1260-5	7.179	7.075	7.275	494.910	500.000	-1.0
Decachlorobiphenyl	8.542	8.437	8.637	43.910	50.000	-12.2
Tetrachloro-m-xylene	3.416	3.311	3.511	47.300	50.000	-5.4

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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.:** Q3673

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL10 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071375.D **Time Analyzed:** 16:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.869	3.771	3.971	549.230	500.000	9.8
Aroclor-1016-2	3.886	3.788	3.988	559.440	500.000	11.9
Aroclor-1016-3	4.048	3.950	4.150	548.730	500.000	9.7
Aroclor-1016-4	4.096	3.998	4.198	539.800	500.000	8.0
Aroclor-1016-5	4.294	4.195	4.395	554.830	500.000	11.0
Aroclor-1260-1	5.295	5.197	5.397	571.510	500.000	14.3
Aroclor-1260-2	5.485	5.386	5.586	589.950	500.000	18.0
Aroclor-1260-3	5.628	5.530	5.730	587.750	500.000	17.6
Aroclor-1260-4	6.091	5.993	6.193	572.290	500.000	14.5
Aroclor-1260-5	6.336	6.238	6.438	557.630	500.000	11.5
Decachlorobiphenyl	7.657	7.559	7.759	50.970	50.000	1.9
Tetrachloro-m-xylene	2.854	2.756	2.956	52.670	50.000	5.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 16:25
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:43:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.416	2.854	411.8E6	491.8E6	47.301	52.673
2)	SA Decachlor...	8.542	7.657	274.9E6	465.7E6	43.911	50.965
	Target Compounds						
3)	L1 AR-1016-1	4.502	3.869	161.9E6	198.9E6	489.780	549.231
4)	L1 AR-1016-2	4.521	3.886	234.7E6	274.8E6	493.372	559.444
5)	L1 AR-1016-3	4.578	4.048	145.1E6	152.5E6	486.064	548.730
6)	L1 AR-1016-4	4.669	4.096	120.7E6	121.0E6	491.671	539.804
7)	L1 AR-1016-5	4.954	4.294	117.5E6	154.6E6	497.089	554.834
31)	L7 AR-1260-1	6.048	5.295	211.1E6	285.1E6	471.797	571.508
32)	L7 AR-1260-2	6.304	5.485	254.9E6	357.7E6	498.965	589.954
33)	L7 AR-1260-3	6.657	5.628	187.2E6	347.5E6	489.191	587.748
34)	L7 AR-1260-4	6.871	6.091	205.1E6	283.5E6	490.426	572.287
35)	L7 AR-1260-5	7.179	6.336	411.9E6	640.3E6	494.913	557.631

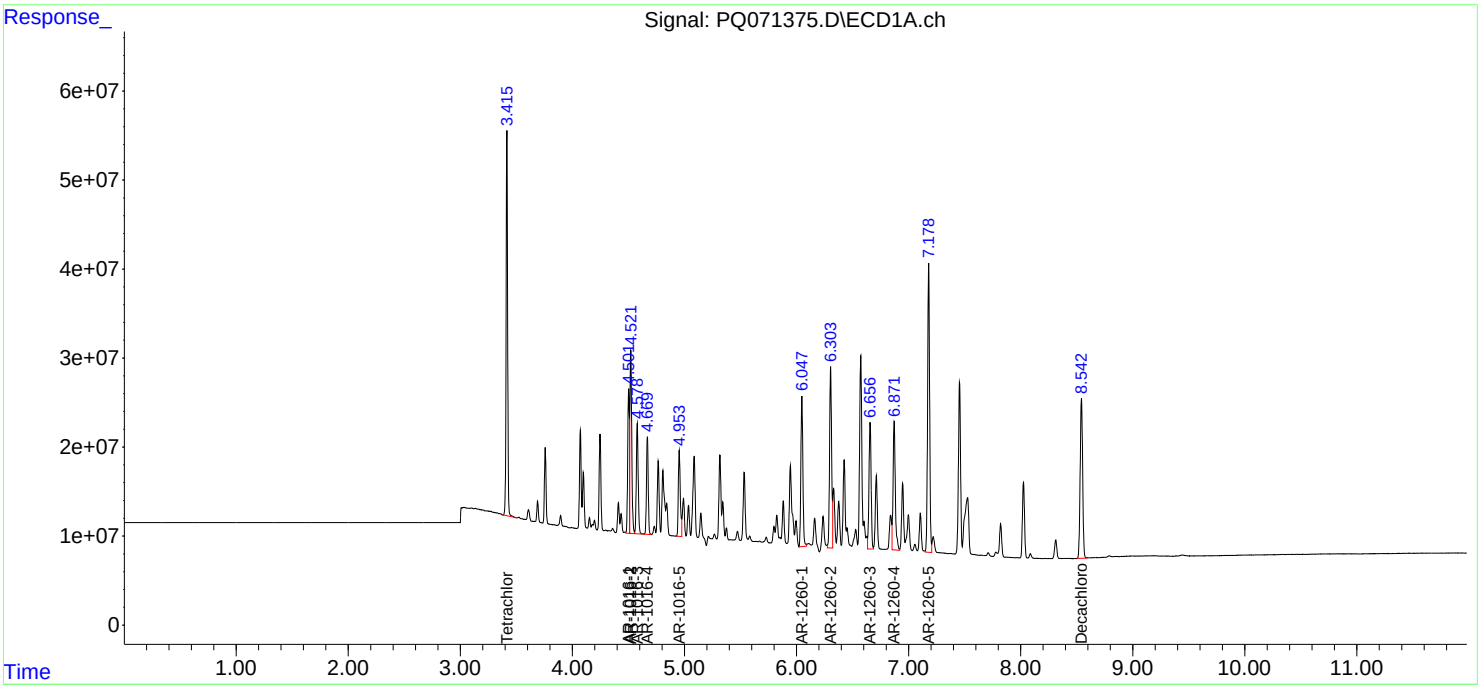
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

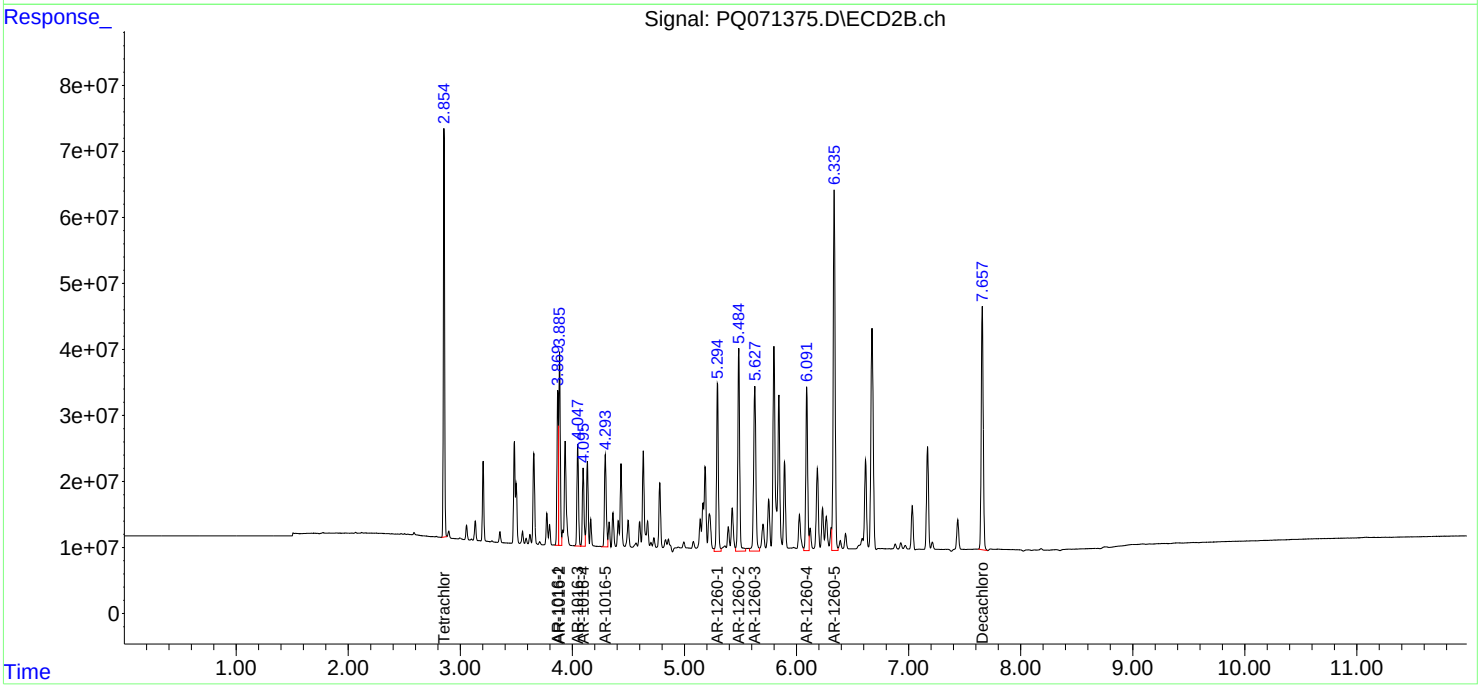
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 16:25
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

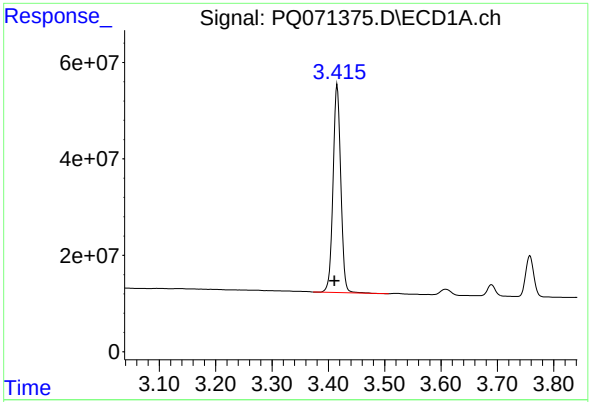
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:43:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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



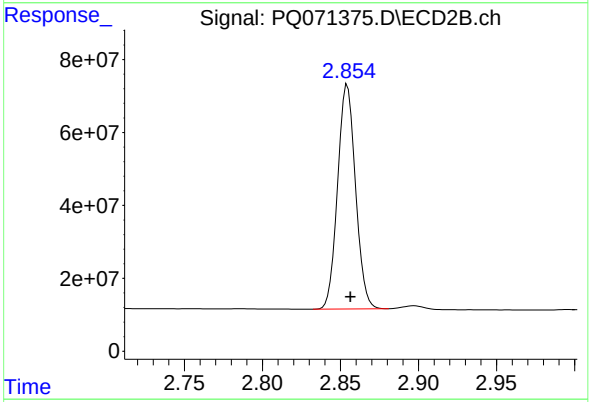




#1 Tetrachloro-m-xylene

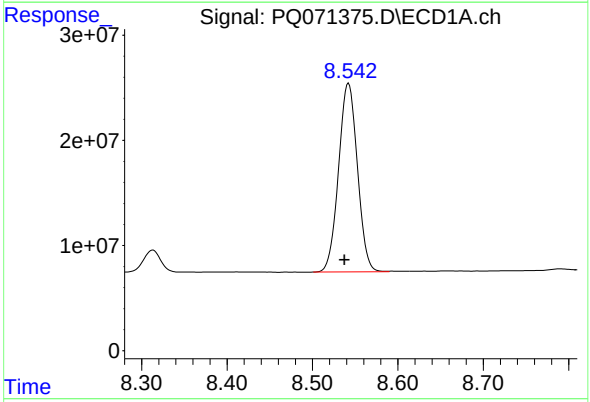
R.T.: 3.416 min
Delta R.T.: 0.005 min
Response: 411763702
Conc: 47.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



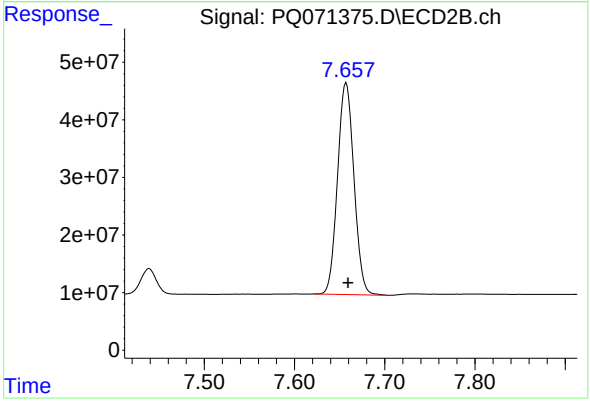
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 491793413
Conc: 52.67 ng/ml



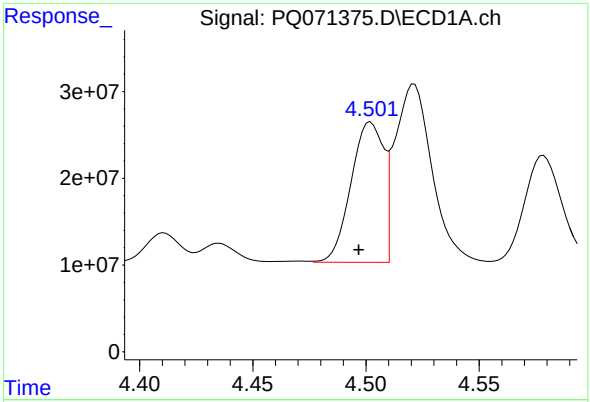
#2 Decachlorobiphenyl

R.T.: 8.542 min
Delta R.T.: 0.005 min
Response: 274949491
Conc: 43.91 ng/ml



#2 Decachlorobiphenyl

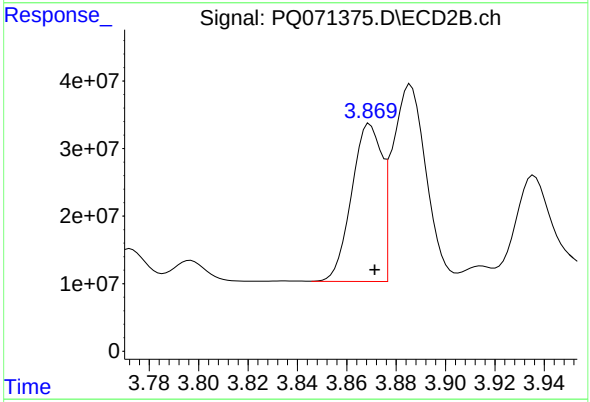
R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 465703916
Conc: 50.97 ng/ml



#3 AR-1016-1

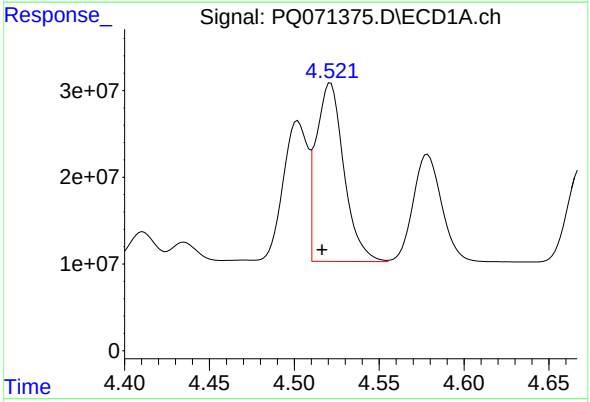
R.T.: 4.502 min
Delta R.T.: 0.005 min
Response: 161896565
Conc: 489.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



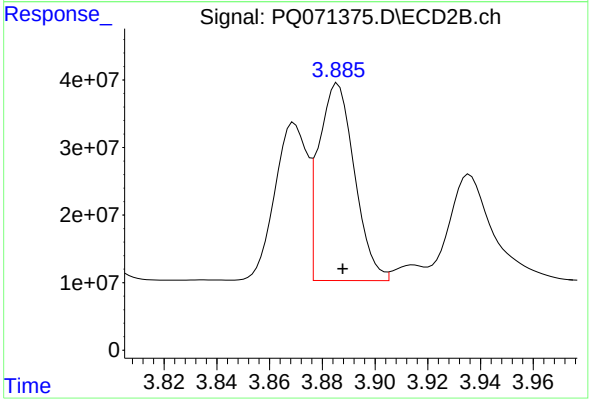
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 198889109
Conc: 549.23 ng/ml



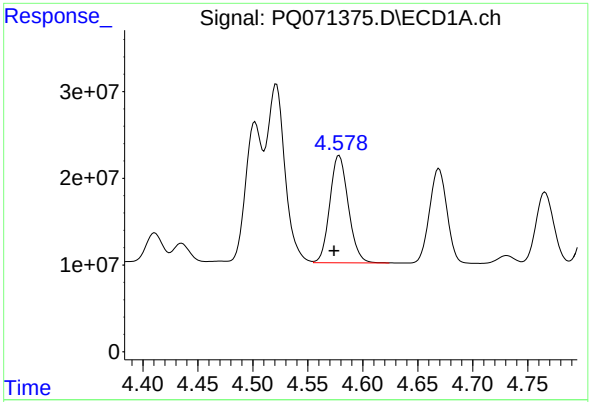
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: 0.005 min
Response: 234657775
Conc: 493.37 ng/ml



#4 AR-1016-2

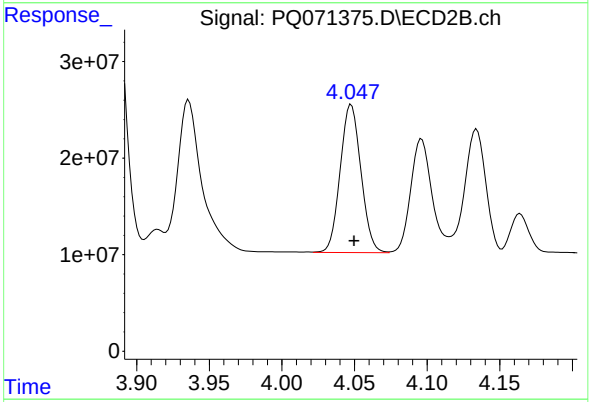
R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 274788850
Conc: 559.44 ng/ml



#5 AR-1016-3

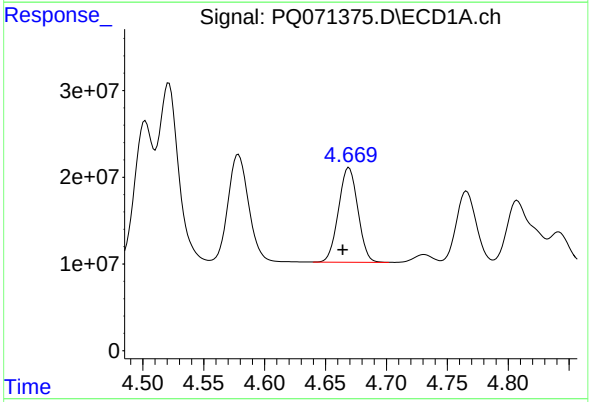
R.T.: 4.578 min
Delta R.T.: 0.005 min
Response: 145070023
Conc: 486.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



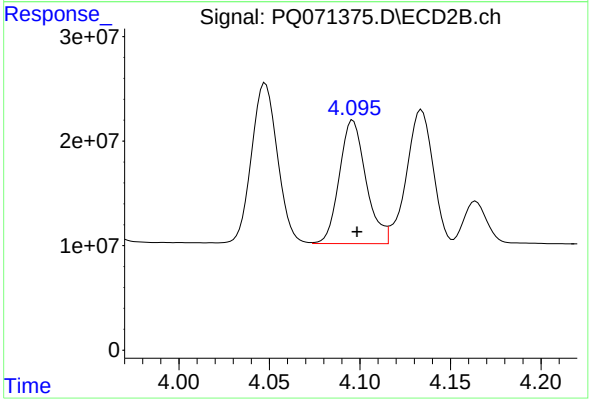
#5 AR-1016-3

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 152542310
Conc: 548.73 ng/ml



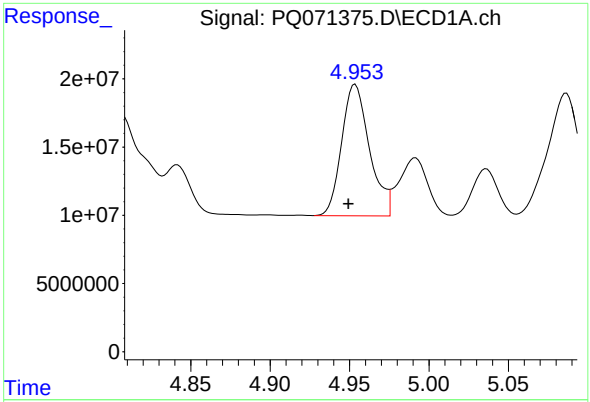
#6 AR-1016-4

R.T.: 4.669 min
Delta R.T.: 0.005 min
Response: 120728282
Conc: 491.67 ng/ml



#6 AR-1016-4

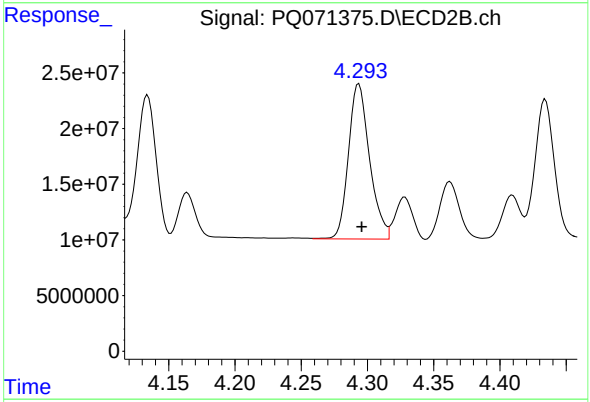
R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 121049931
Conc: 539.80 ng/ml



#7 AR-1016-5

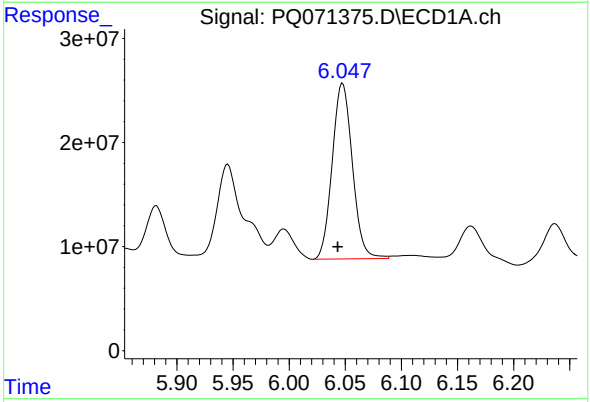
R.T.: 4.954 min
Delta R.T.: 0.004 min
Response: 117519163
Conc: 497.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



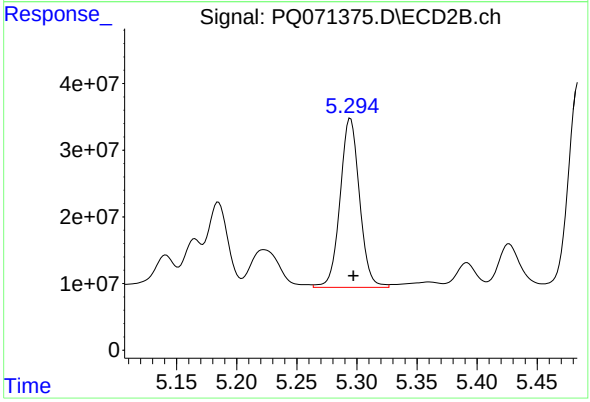
#7 AR-1016-5

R.T.: 4.294 min
Delta R.T.: -0.002 min
Response: 154559149
Conc: 554.83 ng/ml



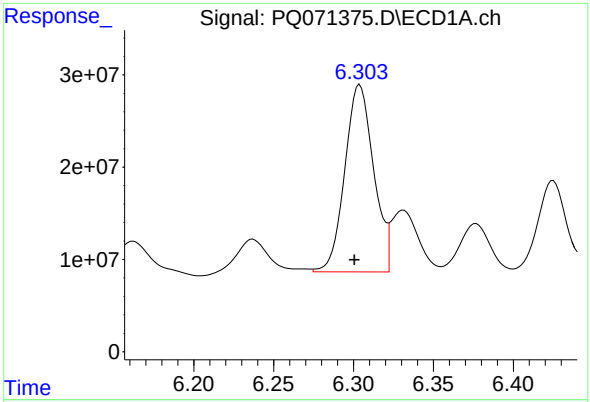
#31 AR-1260-1

R.T.: 6.048 min
Delta R.T.: 0.004 min
Response: 211127857
Conc: 471.80 ng/ml



#31 AR-1260-1

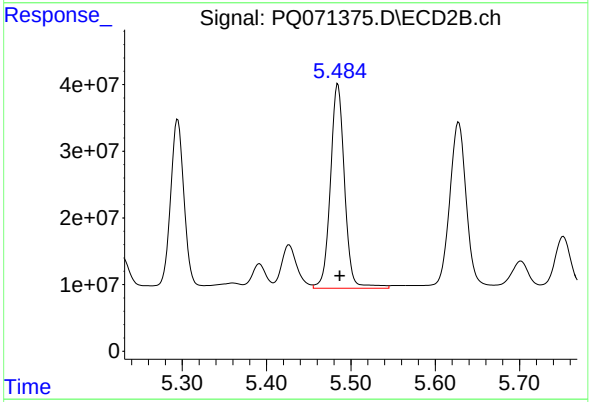
R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 285140824
Conc: 571.51 ng/ml



#32 AR-1260-2

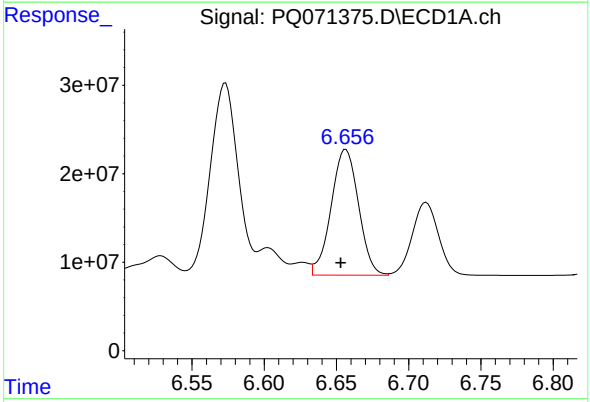
R.T.: 6.304 min
Delta R.T.: 0.003 min
Response: 254928075
Conc: 498.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



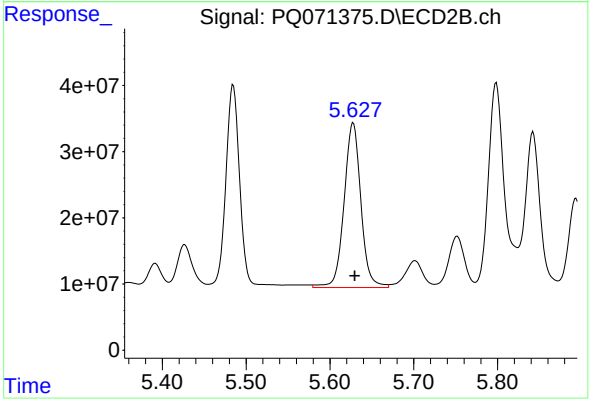
#32 AR-1260-2

R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 357733881
Conc: 589.95 ng/ml



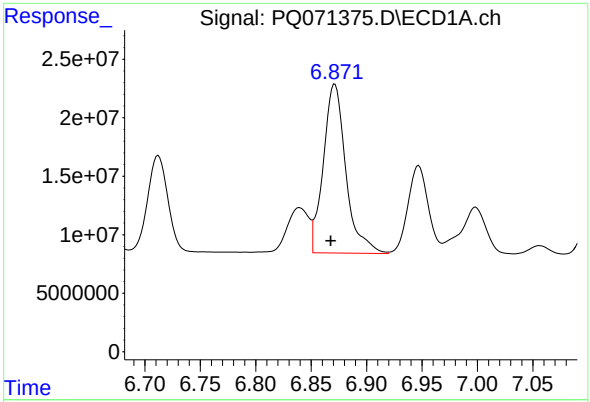
#33 AR-1260-3

R.T.: 6.657 min
Delta R.T.: 0.004 min
Response: 187230107
Conc: 489.19 ng/ml



#33 AR-1260-3

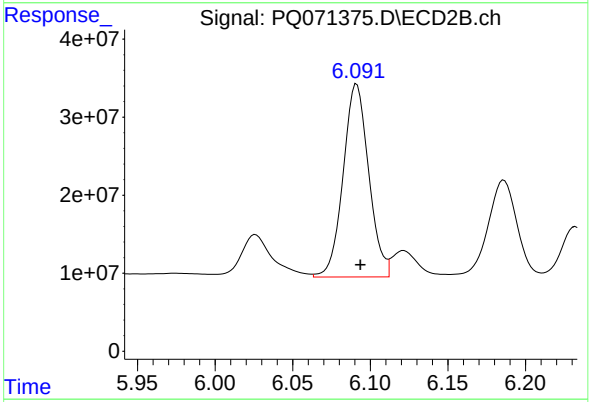
R.T.: 5.628 min
Delta R.T.: -0.002 min
Response: 347467042
Conc: 587.75 ng/ml



#34 AR-1260-4

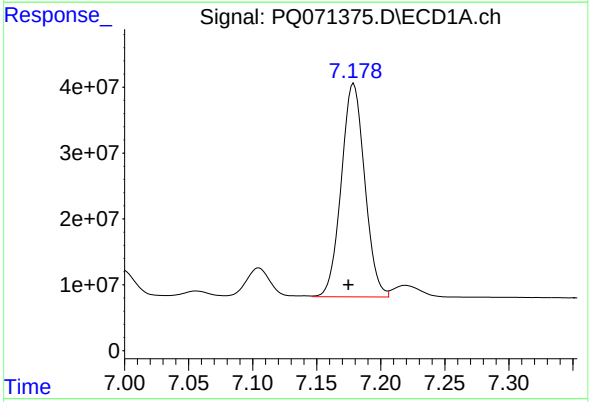
R.T.: 6.871 min
Delta R.T.: 0.004 min
Response: 205068784
Conc: 490.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



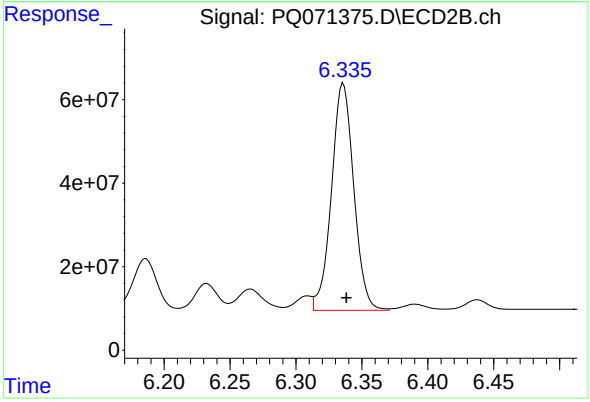
#34 AR-1260-4

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 283498847
Conc: 572.29 ng/ml



#35 AR-1260-5

R.T.: 7.179 min
Delta R.T.: 0.004 min
Response: 411884920
Conc: 494.91 ng/ml



#35 AR-1260-5

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 640319791
Conc: 557.63 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.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 19:49 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.01
Aroclor-1016-3	(3)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-4	(4)	4.66	4.66	4.56	4.76	0.00
Aroclor-1016-5	(5)	4.95	4.95	4.85	5.05	0.00
Aroclor-1260-1	(1)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-2	(2)	6.30	6.30	6.20	6.40	0.00
Aroclor-1260-3	(3)	6.65	6.65	6.55	6.75	0.00
Aroclor-1260-4	(4)	6.87	6.87	6.77	6.97	0.00
Aroclor-1260-5	(5)	7.17	7.18	7.08	7.28	0.01
Tetrachloro-m-xylene		3.41	3.41	3.31	3.51	0.00
Decachlorobiphenyl		8.54	8.54	8.44	8.64	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.:** Q3673

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 19:49 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.87	3.87	3.77	3.97	0.00
Aroclor-1016-2	(2)	3.89	3.89	3.79	3.99	0.01
Aroclor-1016-3	(3)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-4	(4)	4.10	4.10	4.00	4.20	0.00
Aroclor-1016-5	(5)	4.29	4.30	4.20	4.40	0.01
Aroclor-1260-1	(1)	5.29	5.30	5.20	5.40	0.01
Aroclor-1260-2	(2)	5.48	5.49	5.39	5.59	0.01
Aroclor-1260-3	(3)	5.63	5.63	5.53	5.73	0.00
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.34	6.34	6.24	6.44	0.00
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.66	7.66	7.56	7.76	0.00

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.:** Q3673

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL11 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071386.D **Time Analyzed:** 19:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	498.980	500.000	-0.2
Aroclor-1016-2	4.515	4.416	4.616	508.670	500.000	1.7
Aroclor-1016-3	4.573	4.474	4.674	499.070	500.000	-0.2
Aroclor-1016-4	4.662	4.564	4.764	501.940	500.000	0.4
Aroclor-1016-5	4.948	4.849	5.049	508.280	500.000	1.7
Aroclor-1260-1	6.041	5.943	6.143	498.250	500.000	-0.4
Aroclor-1260-2	6.299	6.200	6.400	527.510	500.000	5.5
Aroclor-1260-3	6.651	6.552	6.752	510.080	500.000	2.0
Aroclor-1260-4	6.866	6.767	6.967	508.410	500.000	1.7
Aroclor-1260-5	7.173	7.075	7.275	511.880	500.000	2.4
Decachlorobiphenyl	8.535	8.437	8.637	45.540	50.000	-8.9
Tetrachloro-m-xylene	3.410	3.311	3.511	48.410	50.000	-3.2

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.:** Q3673

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL11 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071386.D **Time Analyzed:** 19:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.869	3.771	3.971	568.610	500.000	13.7
Aroclor-1016-2	3.885	3.788	3.988	588.480	500.000	17.7
Aroclor-1016-3	4.047	3.950	4.150	573.060	500.000	14.6
Aroclor-1016-4	4.096	3.998	4.198	564.620	500.000	12.9
Aroclor-1016-5	4.293	4.195	4.395	579.110	500.000	15.8
Aroclor-1260-1	5.293	5.197	5.397	572.640	500.000	14.5
Aroclor-1260-2	5.483	5.386	5.586	574.360	500.000	14.9
Aroclor-1260-3	5.625	5.530	5.730	572.030	500.000	14.4
Aroclor-1260-4	6.090	5.993	6.193	595.810	500.000	19.2
Aroclor-1260-5	6.335	6.238	6.438	581.270	500.000	16.3
Decachlorobiphenyl	7.655	7.559	7.759	53.590	50.000	7.2
Tetrachloro-m-xylene	2.854	2.756	2.956	54.590	50.000	9.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 19:49
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:46:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.410	2.854	421.4E6	509.7E6	48.411	54.594
2)	SA Decachlor...	8.535	7.655	285.1E6	489.7E6	45.536	53.594
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.869	164.9E6	205.9E6	498.979	568.611
4)	L1 AR-1016-2	4.515	3.885	241.9E6	289.0E6	508.666	588.478
5)	L1 AR-1016-3	4.573	4.047	149.0E6	159.3E6	499.073	573.064
6)	L1 AR-1016-4	4.662	4.096	123.2E6	126.6E6	501.936	564.619
7)	L1 AR-1016-5	4.948	4.293	120.2E6	161.3E6	508.278	579.112
31)	L7 AR-1260-1	6.041	5.293	223.0E6	285.7E6	498.246	572.645m
32)	L7 AR-1260-2	6.299	5.483	269.5E6	348.3E6	527.509	574.362m
33)	L7 AR-1260-3	6.651	5.625	195.2E6	338.2E6	510.083	572.029m
34)	L7 AR-1260-4	6.866	6.090	212.6E6	295.2E6	508.411	595.812
35)	L7 AR-1260-5	7.173	6.335	426.0E6	667.5E6	511.885	581.275

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 19:49
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

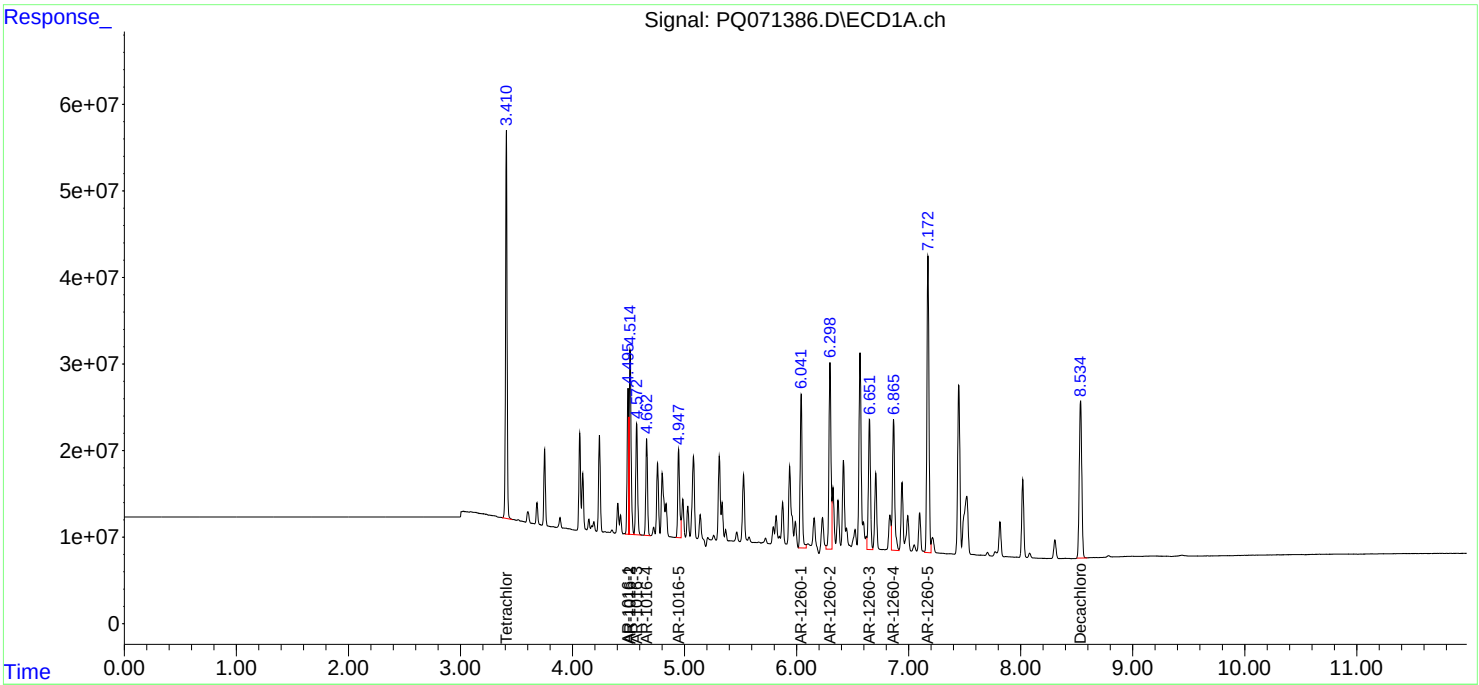
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

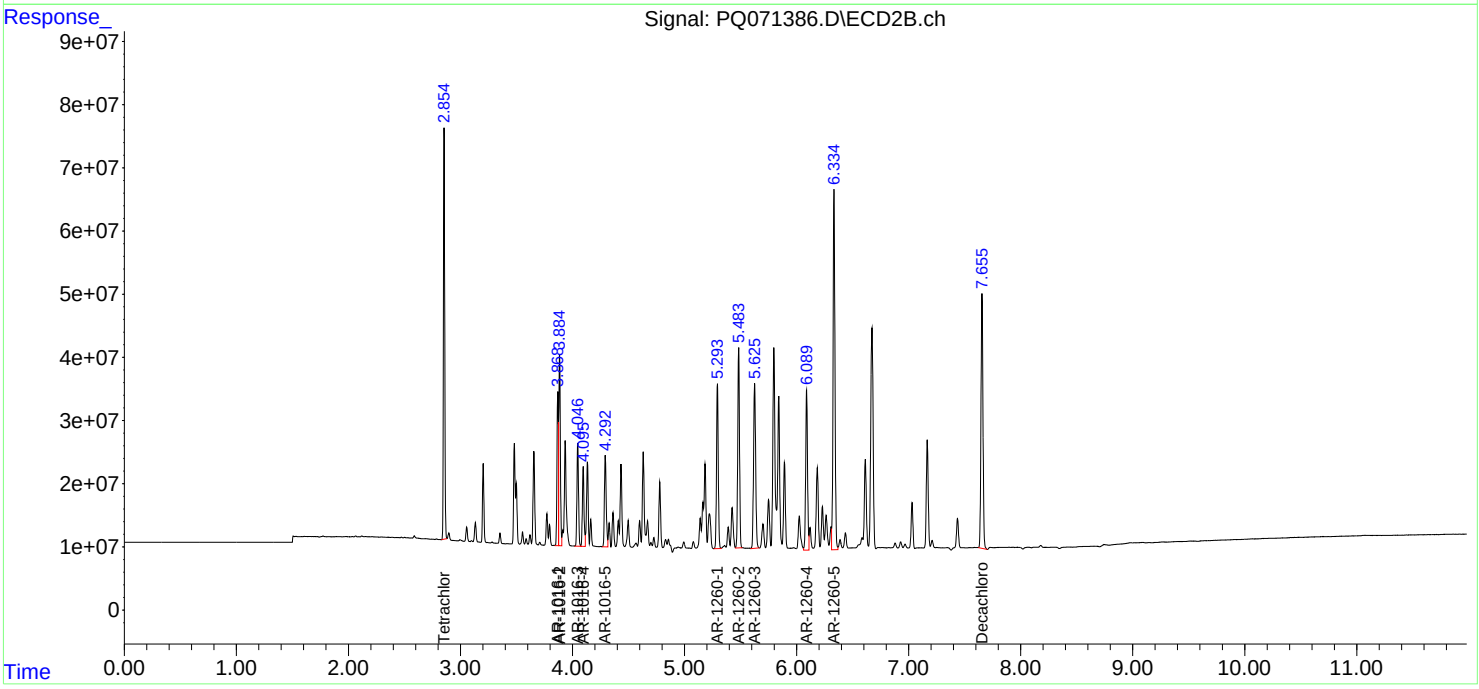
Manual Integrations APPROVED

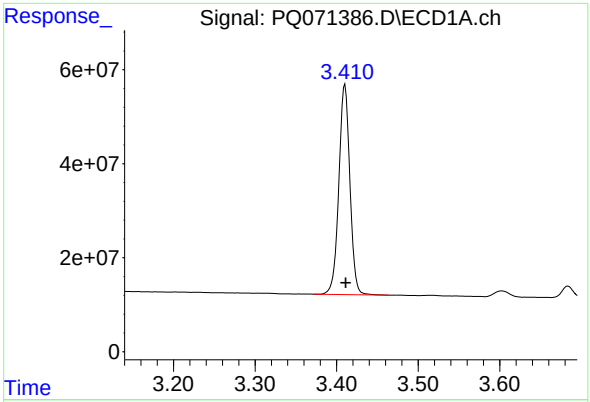
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:46:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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







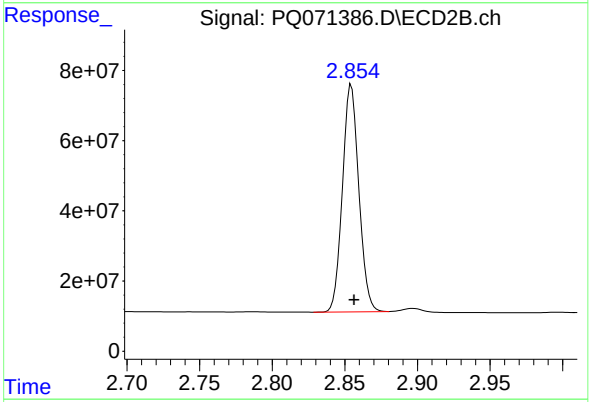
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 421422046
Conc: 48.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

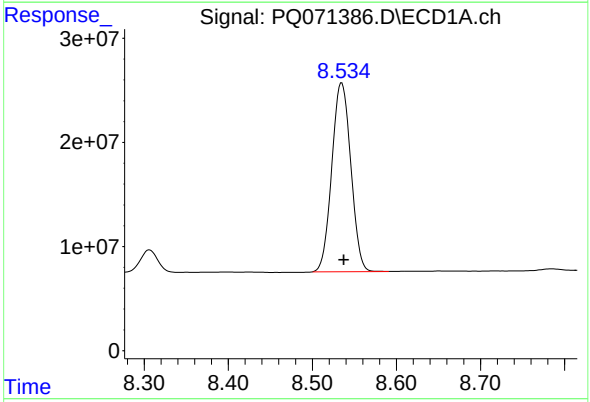
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



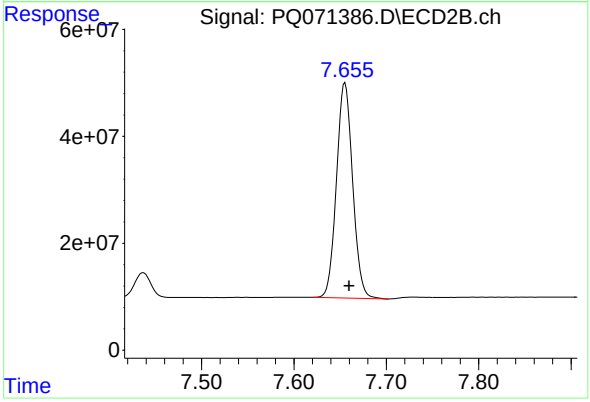
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 509725858
Conc: 54.59 ng/ml



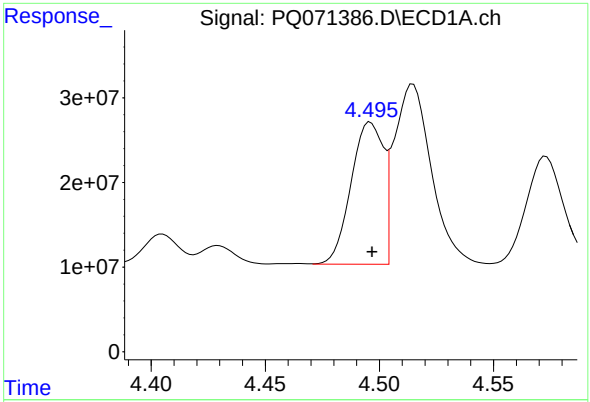
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 285125670
Conc: 45.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.655 min
Delta R.T.: -0.004 min
Response: 489726320
Conc: 53.59 ng/ml



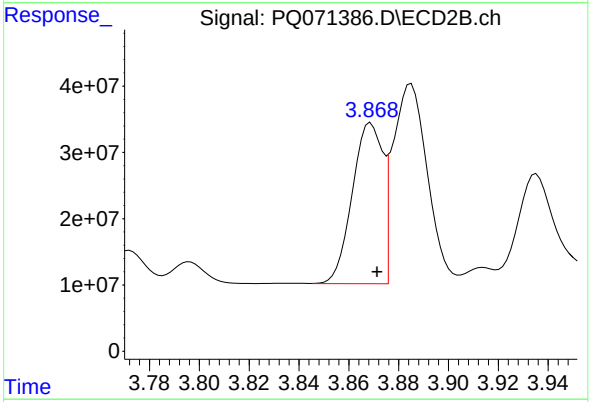
#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 164937386
Conc: 498.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

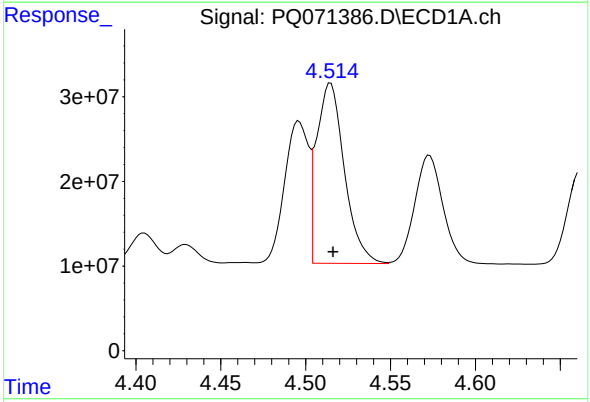
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



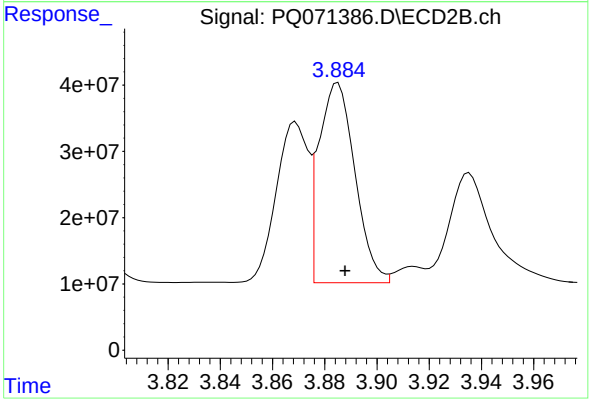
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.003 min
Response: 205907281
Conc: 568.61 ng/ml



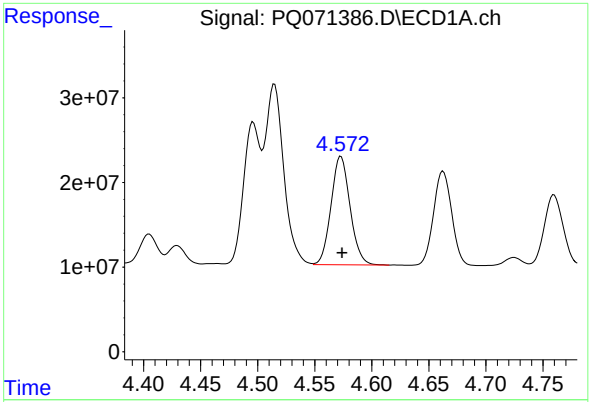
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 241931893
Conc: 508.67 ng/ml



#4 AR-1016-2

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 289049851
Conc: 588.48 ng/ml



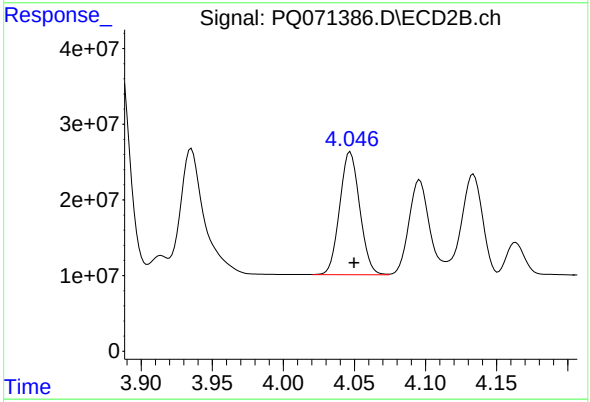
#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 148952548
Conc: 499.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

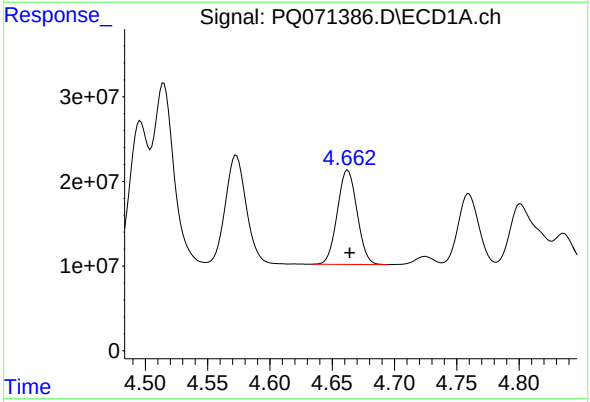
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



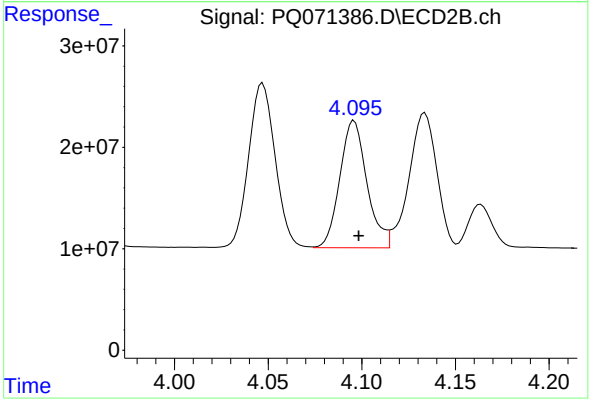
#5 AR-1016-3

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 159306978
Conc: 573.06 ng/ml



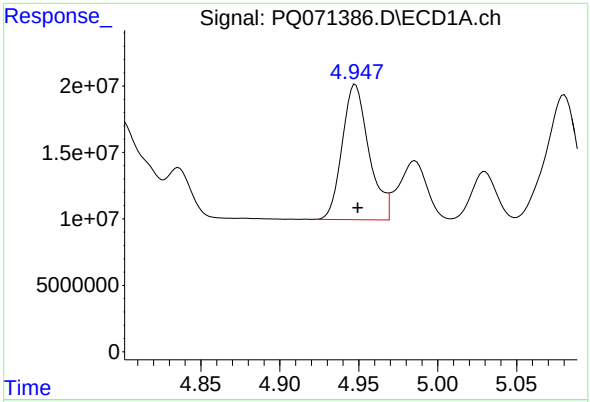
#6 AR-1016-4

R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 123248933
Conc: 501.94 ng/ml



#6 AR-1016-4

R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 126614797
Conc: 564.62 ng/ml



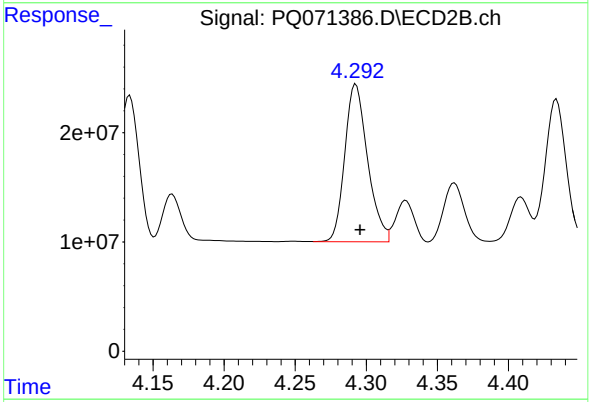
#7 AR-1016-5

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 120164358
Conc: 508.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

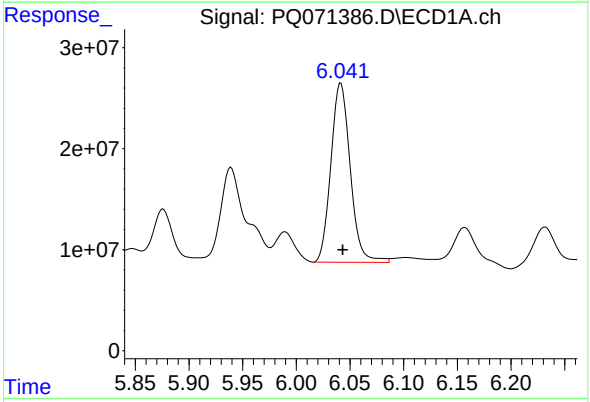
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



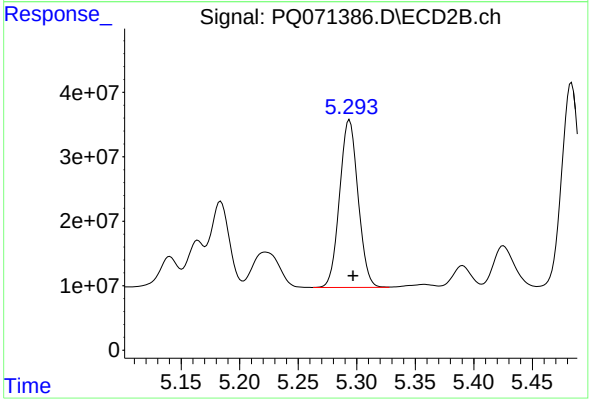
#7 AR-1016-5

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 161322004
Conc: 579.11 ng/ml



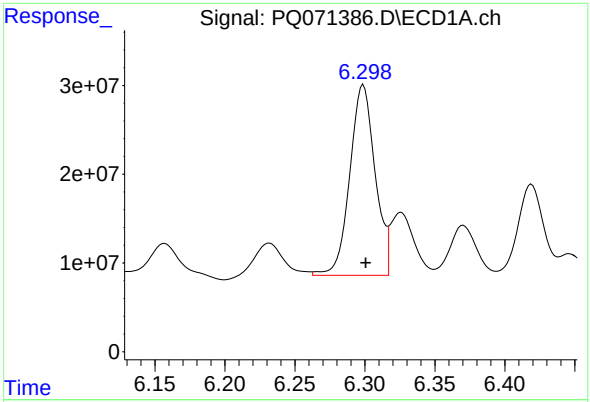
#31 AR-1260-1

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 222963444
Conc: 498.25 ng/ml



#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 285707937
Conc: 572.64 ng/ml m



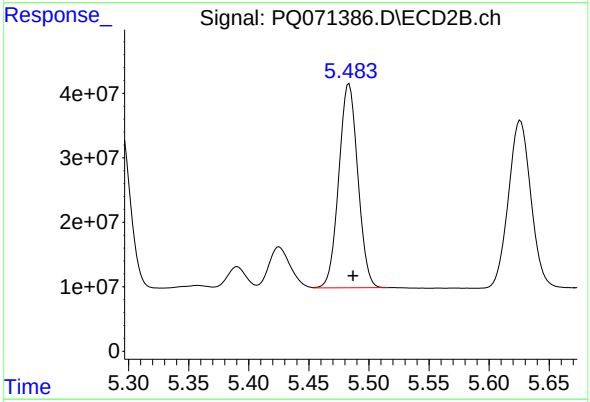
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 269511583
Conc: 527.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

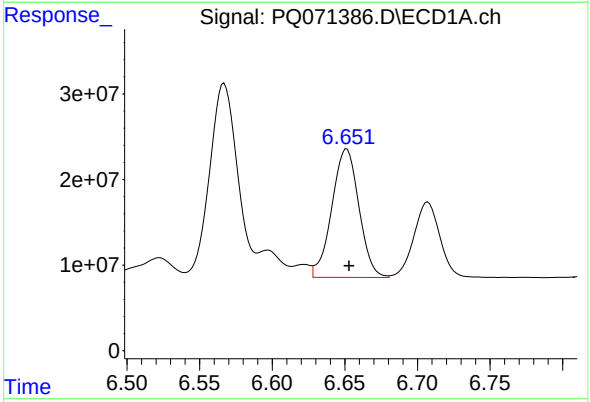
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



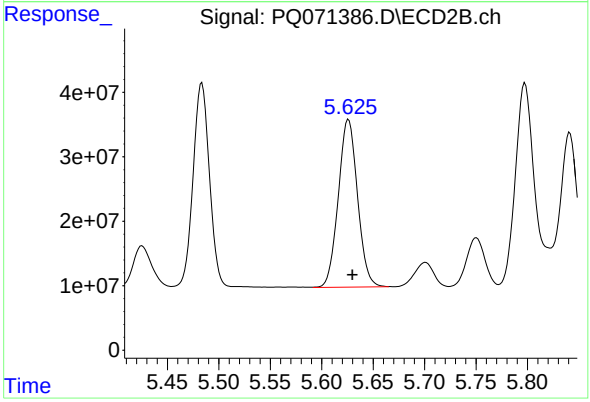
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 348279346
Conc: 574.36 ng/ml m



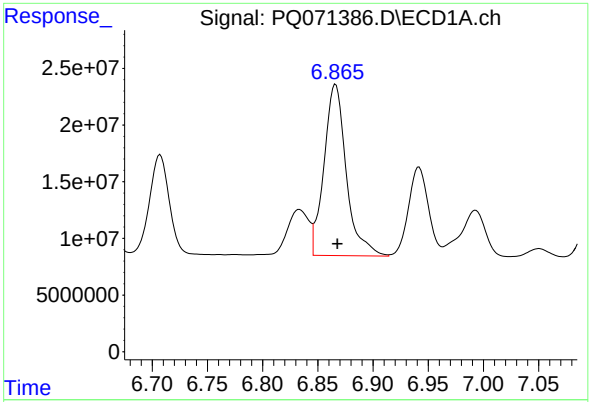
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 195225906
Conc: 510.08 ng/ml



#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 338174337
Conc: 572.03 ng/ml m



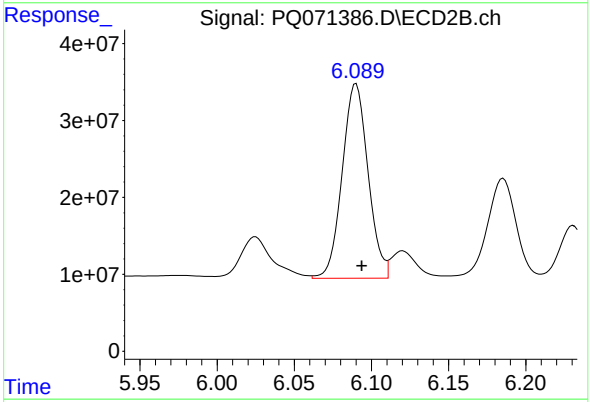
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 212589275
Conc: 508.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

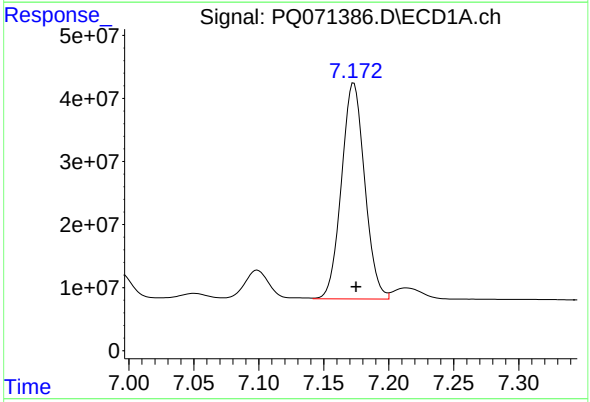
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



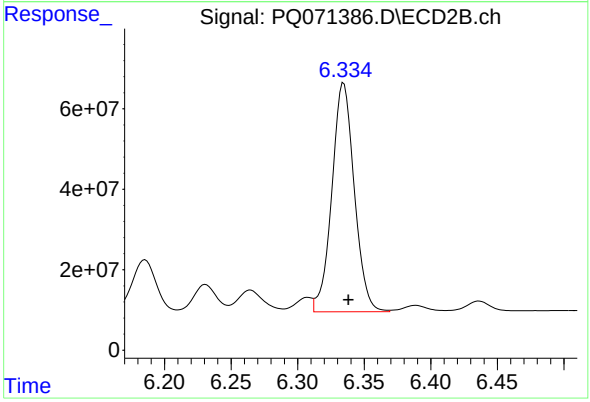
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 295152609
Conc: 595.81 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 426009974
Conc: 511.88 ng/ml



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 667469686
Conc: 581.27 ng/ml

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

Analytical Sequence

Client: Tetra Tech, EMI **SDG No.:** Q3673

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	11/20/2025	10:51	PO115255.D	9.92	4.34
I.BLK	I.BLK	11/20/2025	12:23	PO115260.D	9.92	4.34
C0AG7	Q3673-02	11/20/2025	15:50	PO115270.D	9.92	4.34
AR1660CCC500	AR1660CCC500	11/20/2025	17:04	PO115271.D	9.92	4.34
I.BLK	I.BLK	11/20/2025	19:13	PO115276.D	9.92	4.34
C0AG8	Q3673-03	11/20/2025	19:31	PO115277.D	9.92	4.34
C0AG9	Q3673-04	11/20/2025	19:49	PO115278.D	9.92	4.34
C0AH0	Q3673-05	11/20/2025	20:08	PO115279.D	9.92	4.34
C0AH1	Q3673-06	11/20/2025	20:26	PO115280.D	9.92	4.34
C0AH2	Q3673-07	11/20/2025	20:44	PO115281.D	9.92	4.34
C0AH3	Q3673-08	11/20/2025	21:03	PO115282.D	9.92	4.34
C0AH4	Q3673-09	11/20/2025	21:21	PO115283.D	9.92	4.34
C0AH5	Q3673-10	11/20/2025	21:40	PO115284.D	9.92	4.34

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Fax : 908 789 8922

Analytical Sequence

C0AH6	Q3673-11	11/20/2025	21:58	PO115285.D	9.92	4.34
C0AH7	Q3673-12	11/20/2025	22:16	PO115286.D	9.92	4.34
AR1660CCC500	AR1660CCC500	11/20/2025	23:30	PO115287.D	9.92	4.34
I.BLK	I.BLK	11/21/2025	01:38	PO115292.D	9.92	4.34
C0AG6	Q3673-01	11/21/2025	01:57	PO115293.D	9.92	4.34
C0AH8	Q3673-13	11/21/2025	02:15	PO115294.D	9.92	4.34
AR1660CCC500	AR1660CCC500	11/21/2025	05:36	PO115302.D	9.92	4.34
I.BLK	I.BLK	11/21/2025	07:43	PO115307.D	9.92	4.34
AR1660CCC500	AR1660CCC500	11/21/2025	08:57	PO115309.D	9.92	4.34
I.BLK	I.BLK	11/21/2025	10:35	PO115314.D	9.92	4.34
C0AH0DL	Q3673-05DL	11/21/2025	11:28	PO115316.D	9.92	4.34
C0AH1DL	Q3673-06DL	11/21/2025	11:47	PO115317.D	9.92	4.34
C0AH2DL2	Q3673-07DL2	11/21/2025	12:05	PO115318.D	0.00	0.00
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
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
C0AH2DL	Q3673-07DL	11/25/2025	10:58	PO115393.D	9.92	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
I.BLK	I.BLK	11/18/2025	11:59	PQ071272.D	8.54	3.41
AR1660ICC1000	AR1660ICC1000	11/18/2025	12:13	PQ071273.D	8.54	3.41
AR1660ICC750	AR1660ICC750	11/18/2025	12:28	PQ071274.D	8.54	3.41
AR1660ICC500	AR1660ICC500	11/18/2025	12:43	PQ071275.D	8.54	3.41
AR1660ICC250	AR1660ICC250	11/18/2025	12:57	PQ071276.D	8.54	3.41
AR1660ICC050	AR1660ICC050	11/18/2025	15:42	PQ071277.D	8.56	3.43
AR1221ICC500	AR1221ICC500	11/18/2025	16:25	PQ071278.D	8.56	3.43
AR1232ICC500	AR1232ICC500	11/18/2025	16:39	PQ071279.D	8.54	3.41
AR1242ICC500	AR1242ICC500	11/18/2025	16:54	PQ071280.D	8.54	3.41
AR1248ICC500	AR1248ICC500	11/18/2025	17:08	PQ071281.D	8.54	3.41
AR1254ICC500	AR1254ICC500	11/18/2025	17:23	PQ071282.D	8.54	3.41
AR1262ICC500	AR1262ICC500	11/18/2025	17:37	PQ071283.D	8.54	3.41
AR1268ICC500	AR1268ICC500	11/18/2025	17:52	PQ071284.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/20/2025	11:02	PQ071364.D	8.54	3.41
I.BLK	I.BLK	11/20/2025	11:16	PQ071365.D	8.54	3.41
PB170650BL	PB170650BL	11/20/2025	15:05	PQ071374.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/20/2025	16:25	PQ071375.D	8.54	3.42
I.BLK	I.BLK	11/20/2025	16:40	PQ071376.D	8.54	3.41
PB170650BS	PB170650BS	11/20/2025	16:54	PQ071377.D	8.54	3.41
ETGI-354MS	Q3681-01MS	11/20/2025	18:22	PQ071383.D	8.54	3.41
ETGI-354MSD	Q3681-01MSD	11/20/2025	18:36	PQ071384.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/20/2025	19:49	PQ071386.D	8.54	3.41
I.BLK	I.BLK	11/20/2025	20:33	PQ071387.D	8.54	3.41

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

Analytical Sequence

Client: Tetra Tech, EMI **SDG No.:** Q3673

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	11/20/2025	10:51	PO115255.D	8.63	3.64
I.BLK	I.BLK	11/20/2025	12:23	PO115260.D	8.63	3.65
C0AG7	Q3673-02	11/20/2025	15:50	PO115270.D	8.63	3.65
AR1660CCC500	AR1660CCC500	11/20/2025	17:04	PO115271.D	8.63	3.65
I.BLK	I.BLK	11/20/2025	19:13	PO115276.D	8.63	3.64
C0AG8	Q3673-03	11/20/2025	19:31	PO115277.D	8.63	3.64
C0AG9	Q3673-04	11/20/2025	19:49	PO115278.D	8.63	3.64
C0AH0	Q3673-05	11/20/2025	20:08	PO115279.D	8.63	3.64
C0AH1	Q3673-06	11/20/2025	20:26	PO115280.D	8.63	3.64
C0AH2	Q3673-07	11/20/2025	20:44	PO115281.D	8.63	3.65
C0AH3	Q3673-08	11/20/2025	21:03	PO115282.D	8.65	3.66
C0AH4	Q3673-09	11/20/2025	21:21	PO115283.D	8.63	3.64
C0AH5	Q3673-10	11/20/2025	21:40	PO115284.D	8.63	3.64

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Analytical Sequence

C0AH6	Q3673-11	11/20/2025	21:58	PO115285.D	8.63	3.64
C0AH7	Q3673-12	11/20/2025	22:16	PO115286.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/20/2025	23:30	PO115287.D	8.63	3.64
I.BLK	I.BLK	11/21/2025	01:38	PO115292.D	8.63	3.64
C0AG6	Q3673-01	11/21/2025	01:57	PO115293.D	8.63	3.64
C0AH8	Q3673-13	11/21/2025	02:15	PO115294.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/21/2025	05:36	PO115302.D	8.63	3.64
I.BLK	I.BLK	11/21/2025	07:43	PO115307.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/21/2025	08:57	PO115309.D	8.63	3.64
I.BLK	I.BLK	11/21/2025	10:35	PO115314.D	8.63	3.64
C0AH0DL	Q3673-05DL	11/21/2025	11:28	PO115316.D	8.63	3.64
C0AH1DL	Q3673-06DL	11/21/2025	11:47	PO115317.D	8.63	3.64
C0AH2DL2	Q3673-07DL2	11/21/2025	12:05	PO115318.D	0.00	0.00
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
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
C0AH2DL	Q3673-07DL	11/25/2025	10:58	PO115393.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
I.BLK	I.BLK	11/18/2025	11:59	PQ071272.D	7.66	2.86
AR1660ICC1000	AR1660ICC1000	11/18/2025	12:13	PQ071273.D	7.66	2.86
AR1660ICC750	AR1660ICC750	11/18/2025	12:28	PQ071274.D	7.66	2.86
AR1660ICC500	AR1660ICC500	11/18/2025	12:43	PQ071275.D	7.66	2.86
AR1660ICC250	AR1660ICC250	11/18/2025	12:57	PQ071276.D	7.66	2.86
AR1660ICC050	AR1660ICC050	11/18/2025	15:42	PQ071277.D	7.67	2.86
AR1221ICC500	AR1221ICC500	11/18/2025	16:25	PQ071278.D	7.67	2.86
AR1232ICC500	AR1232ICC500	11/18/2025	16:39	PQ071279.D	7.66	2.86
AR1242ICC500	AR1242ICC500	11/18/2025	16:54	PQ071280.D	7.66	2.86
AR1248ICC500	AR1248ICC500	11/18/2025	17:08	PQ071281.D	7.66	2.86
AR1254ICC500	AR1254ICC500	11/18/2025	17:23	PQ071282.D	7.66	2.86
AR1262ICC500	AR1262ICC500	11/18/2025	17:37	PQ071283.D	7.66	2.86
AR1268ICC500	AR1268ICC500	11/18/2025	17:52	PQ071284.D	7.66	2.86
AR1660CCC500	AR1660CCC500	11/20/2025	11:02	PQ071364.D	7.66	2.86
I.BLK	I.BLK	11/20/2025	11:16	PQ071365.D	7.66	2.86
PB170650BL	PB170650BL	11/20/2025	15:05	PQ071374.D	7.66	2.86
AR1660CCC500	AR1660CCC500	11/20/2025	16:25	PQ071375.D	7.66	2.85
I.BLK	I.BLK	11/20/2025	16:40	PQ071376.D	7.66	2.86
PB170650BS	PB170650BS	11/20/2025	16:54	PQ071377.D	7.66	2.86
ETGI-354MS	Q3681-01MS	11/20/2025	18:22	PQ071383.D	7.66	2.86
ETGI-354MSD	Q3681-01MSD	11/20/2025	18:36	PQ071384.D	7.66	2.86
AR1660CCC500	AR1660CCC500	11/20/2025	19:49	PQ071386.D	7.66	2.85
I.BLK	I.BLK	11/20/2025	20:33	PQ071387.D	7.66	2.86

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IDENTIFICATION SUMMARY
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SAMPLE NO.

C0AG7

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3673

Lab Sample ID: Q3673-02 Date(s) Analyzed: 11/20/2025 11/20/2025

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 PO115270.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	32.1		
	2	7.318	7.268	7.368	37.3		
	3	7.675	7.625	7.725	37.1		
COLUMN 1	4	7.896	7.846	7.946	39.7		
	5	8.202	8.152	8.252	33.3	35.9	
	1	6.199	6.149	6.249	33.0		
	2	6.386	6.336	6.436	33.8		
	3	6.538	6.488	6.588	31.2		
	4	7.009	6.959	7.059	33.6		
COLUMN 2	5	7.25	7.2	7.3	30.2	32.4	10.25

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AG8

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3673

Lab Sample ID: Q3673-03 Date(s) Analyzed: 11/20/2025 11/20/2025

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 PO115277.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.062	7.012	7.112	156		
	2	7.317	7.267	7.367	184		
	3	7.674	7.624	7.724	171		
COLUMN 1	4	7.895	7.845	7.945	179		
	5	8.201	8.151	8.251	147	167	
	1	6.197	6.147	6.247	151		
	2	6.385	6.335	6.435	152		
	3	6.537	6.487	6.587	139		
	4	7.008	6.958	7.058	140		
COLUMN 2	5	7.249	7.199	7.299	139	144	14.79

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AG9

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3673
Lab Sample ID: Q3673-04
Date(s) Analyzed: 11/20/2025 11/20/2025
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 PO115278.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.322	6.272	6.372	151		
	2	6.538	6.488	6.588	152		
	3	6.898	6.848	6.948	141		
COLUMN 1	4	7.18	7.13	7.23	160		
	5	7.595	7.545	7.645	319	185	
	1	5.518	5.468	5.568	123		
	2	5.666	5.616	5.716	132		
	3	6.067	6.017	6.117	157		
	4	6.295	6.245	6.345	146		
COLUMN 2	5	6.711	6.661	6.761	207	153	18.93
Aroclor-1260	1	7.063	7.013	7.113	138		
	2	7.317	7.267	7.367	162		
	3	7.674	7.624	7.724	114		
COLUMN 1	4	7.894	7.844	7.944	163		
	5	8.202	8.152	8.252	92.2	134	
	1	6.198	6.148	6.248	152		
	2	6.385	6.335	6.435	130		
	3	6.537	6.487	6.587	121		
	4	7.009	6.959	7.059	88.4		
COLUMN 2	5	7.25	7.2	7.3	98.3	118	12.7

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AH0

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3673
Lab Sample ID: Q3673-05 | Date(s) Analyzed: 11/20/2025 11/20/2025
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 PO115279.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248							
	1	5.48	5.43	5.53	1830		
	2	5.75	5.7	5.8	1460		
	3	5.949	5.899	5.999	1590		
COLUMN 1	4	6.346	6.296	6.396	1160		
	5	6.384	6.334	6.434	1280	1500	
	1	4.72	4.67	4.77	1850		
	2	4.956	4.906	5.006	1250		
	3	4.997	4.947	5.047	1390		
	4	5.167	5.117	5.217	1440		
COLUMN 2	5	5.559	5.509	5.609	1180	1400	6.9
Aroclor-1254							
	1	6.32	6.27	6.37	1120		
	2	6.538	6.488	6.588	962		
	3	6.898	6.848	6.948	668		
COLUMN 1	4	7.179	7.129	7.229	720		
	5	7.594	7.544	7.644	812	857	
	1	5.517	5.467	5.567	1100		
	2	5.665	5.615	5.715	576		
	3	6.067	6.017	6.117	622		
	4	6.294	6.244	6.344	655		
COLUMN 2	5	6.711	6.661	6.761	604	711	18.62

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.062	7.012	7.112	385		
	2	7.316	7.266	7.366	448		
	3	7.674	7.624	7.724	239		
COLUMN 1	4	7.891	7.841	7.941	224		
	5	8.201	8.151	8.251	189	297	
	1	6.198	6.148	6.248	526		
	2	6.384	6.334	6.434	336		
	3	6.536	6.486	6.586	329		
	4	7.008	6.958	7.058	169		
COLUMN 2	5	7.248	7.198	7.298	173	307	3.31

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AH1

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3673
Lab Sample ID: Q3673-06 | Date(s) Analyzed: 11/20/2025 11/20/2025
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: PO115280.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.322	6.272	6.372	1740		
	2	6.539	6.489	6.589	1760		
	3	6.898	6.848	6.948	1650		
COLUMN 1	4	7.181	7.131	7.231	1660		
	5	7.595	7.545	7.645	2170	1800	
	1	5.519	5.469	5.569	1510		
	2	5.666	5.616	5.716	1380		
	3	6.068	6.018	6.118	1590		
	4	6.295	6.245	6.345	1460		
COLUMN 2	5	6.711	6.661	6.761	1610	1500	18.18
Aroclor-1260	1	7.064	7.014	7.114	1120		
	2	7.317	7.267	7.367	1200		
	3	7.674	7.624	7.724	615		
COLUMN 1	4	7.891	7.841	7.941	563		
	5	8.203	8.153	8.253	518	802	
	1	6.199	6.149	6.249	1260		
	2	6.385	6.335	6.435	931		
	3	6.537	6.487	6.587	964		
	4	7.008	6.958	7.058	453		
COLUMN 2	5	7.249	7.199	7.299	497	820	2.22

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AH2

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3673

Lab Sample ID: Q3673-07 | Date(s) Analyzed: 11/20/2025 11/20/2025

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 PO115281.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1242	1	5.479	5.429	5.529	44400		
	2	5.493	5.443	5.543	52700		
	3	5.566	5.516	5.616	18600		
COLUMN 1	4	5.658	5.608	5.708	57300		
	5	6.384	6.334	6.434	18500	38000	
	1	4.722	4.672	4.772	34000		
	2	4.738	4.688	4.788	54400		
	3	4.916	4.866	4.966	57700		
	4	5	4.95	5.05	55400		
COLUMN 2	5	5.519	5.469	5.569	22300	45000	16.87
Aroclor-1260	1	7.063	7.013	7.113	1110		
	2	7.317	7.267	7.367	1240		
	3	7.674	7.624	7.724	1090		
COLUMN 1	4	7.895	7.845	7.945	1100		
	5	8.202	8.152	8.252	1100	1100	
	1	6.198	6.148	6.248	1150		
	2	6.386	6.336	6.436	972		
	3	6.538	6.488	6.588	1010		
	4	7.008	6.958	7.058	943		
COLUMN 2	5	7.25	7.2	7.3	1010	1000	9.52

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AH3

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3673
Lab Sample ID: Q3673-08
Date(s) Analyzed: 11/20/2025 11/20/2025
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 PO115282.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.321	6.271	6.371	222		
	2	6.537	6.487	6.587	195		
	3	6.897	6.847	6.947	142		
COLUMN 1	4	7.179	7.129	7.229	128		
	5	7.594	7.544	7.644	493	236	
	1	5.534	5.484	5.584	173		
	2	5.682	5.632	5.732	164		
	3	6.083	6.033	6.133	119		
	4	6.311	6.261	6.361	103		
COLUMN 2	5	6.727	6.677	6.777	302	172	31.37
Aroclor-1260	1	7.062	7.012	7.112	285		
	2	7.316	7.266	7.366	302		
	3	7.673	7.623	7.723	250		
COLUMN 1	4	7.895	7.845	7.945	259		
	5	8.201	8.151	8.251	212	262	
	1	6.213	6.163	6.263	285		
	2	6.401	6.351	6.451	242		
	3	6.554	6.504	6.604	242		
	4	7.024	6.974	7.074	208		
COLUMN 2	5	7.265	7.215	7.315	202	236	10.44

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AH4

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3673
Lab Sample ID: Q3673-09 | Date(s) Analyzed: 11/20/2025 11/20/2025
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: PO115283.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.32	6.27	6.37	30.8		
	2	6.536	6.486	6.586	34.3		
	3	6.896	6.846	6.946	26.6		
COLUMN 1	4	7.179	7.129	7.229	32.5		
	5	7.593	7.543	7.643	290	82.8	
	1	5.517	5.467	5.567	29.3		
	2	5.664	5.614	5.714	34.4		
	3	6.082	6.032	6.132	64.1		
	4	6.294	6.244	6.344	26.7		
COLUMN 2	5	6.71	6.66	6.76	178	66.5	21.84
Aroclor-1260	1	7.062	7.012	7.112	87.7		
	2	7.316	7.266	7.366	197		
	3	7.673	7.623	7.723	156		
COLUMN 1	4	7.894	7.844	7.944	136		
	5	8.201	8.151	8.251	123	140	
	1	6.197	6.147	6.247	91.8		
	2	6.384	6.334	6.434	160		
	3	6.537	6.487	6.587	83.5		
	4	7.008	6.958	7.058	107		
COLUMN 2	5	7.249	7.199	7.299	120	112	22.22

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AH5

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3673

Lab Sample ID: Q3673-10 Date(s) Analyzed: 11/20/2025 11/20/2025

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 PO115284.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.064	7.014	7.114	4.67		
	2	7.316	7.266	7.366	14.8		
	3	7.674	7.624	7.724	9.39		
COLUMN 1	4	7.893	7.843	7.943	14.1		
	5	8.201	8.151	8.251	9.96	10.6	
	1	6.196	6.146	6.246	5.61		
	2	6.384	6.334	6.434	10.8		
	3	6.538	6.488	6.588	4.96		
	4	7.007	6.957	7.057	7.52		
COLUMN 2	5	7.248	7.198	7.298	8.08	7.40	35.56

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AH6

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3673

Lab Sample ID: Q3673-11 Date(s) Analyzed: 11/20/2025 11/20/2025

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 PO115285.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.062	7.012	7.112	4.57		
	2	7.317	7.267	7.367	10.1		
	3	7.674	7.624	7.724	8.40		
COLUMN 1	4	7.893	7.843	7.943	12.5		
	5	8.203	8.153	8.253	8.56	8.80	
	1	6.196	6.146	6.246	5.62		
	2	6.384	6.334	6.434	9.35		
	3	6.537	6.487	6.587	4.95		
	4	7.008	6.958	7.058	5.82		
COLUMN 2	5	7.248	7.198	7.298	6.62	6.50	30.07

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AH7

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3673
Lab Sample ID: Q3673-12
Date(s) Analyzed: 11/20/2025 11/20/2025
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 PO115286.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.062	7.012	7.112	10.1		
	2	7.316	7.266	7.366	18.2		
	3	7.673	7.623	7.723	12.2		
COLUMN 1	4	7.893	7.843	7.943	21.1		
	5	8.201	8.151	8.251	12.1	14.7	
	1	6.197	6.147	6.247	11.9		
	2	6.385	6.335	6.435	18.1		
	3	6.538	6.488	6.588	8.63		
	4	7.008	6.958	7.058	9.77		
COLUMN 2	5	7.248	7.198	7.298	11.8	12.0	20.22

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AG6

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3673

Lab Sample ID: Q3673-01 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 PO115293.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.062	7.012	7.112	80.9		
	2	7.315	7.265	7.365	91.9		
	3	7.673	7.623	7.723	82.9		
COLUMN 1	4	7.893	7.843	7.943	85.3		
	5	8.2	8.15	8.25	74.0	83.0	
	1	6.197	6.147	6.247	79.8		
	2	6.384	6.334	6.434	79.3		
	3	6.537	6.487	6.587	73.7		
	4	7.007	6.957	7.057	70.3		
COLUMN 2	5	7.248	7.198	7.298	68.8	74.4	10.93

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AH8

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3673

Lab Sample ID: Q3673-13 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 PO115294.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	62.2		
	2	7.316	7.266	7.366	81.7		
	3	7.673	7.623	7.723	71.9		
COLUMN 1	4	7.895	7.845	7.945	71.4		
	5	8.201	8.151	8.251	55.3	68.5	
	1	6.196	6.146	6.246	61.9		
	2	6.384	6.334	6.434	70.5		
	3	6.537	6.487	6.587	56.1		
	4	7.007	6.957	7.057	58.7		
COLUMN 2	5	7.248	7.198	7.298	52.2	59.9	13.4

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AH0DL

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3673

Lab Sample ID: Q3673-05DL | 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 PO115316.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	5.479	5.429	5.529	1850		
	2	5.749	5.699	5.799	1340		
	3	5.949	5.899	5.999	1520		
COLUMN 1	4	6.345	6.295	6.395	1140		
	5	6.384	6.334	6.434	1240	1400	
	1	4.719	4.669	4.769	1920		
	2	4.955	4.905	5.005	1360		
	3	4.996	4.946	5.046	1490		
	4	5.166	5.116	5.216	1520		
COLUMN 2	5	5.557	5.507	5.607	1230	1500	6.9
Aroclor-1254	1	6.32	6.27	6.37	1100		
	2	6.538	6.488	6.588	961		
	3	6.898	6.848	6.948	651		
COLUMN 1	4	7.179	7.129	7.229	680		
	5	7.594	7.544	7.644	751	828	
	1	5.516	5.466	5.566	1140		
	2	5.664	5.614	5.714	615		
	3	6.066	6.016	6.116	633		
	4	6.293	6.243	6.343	626		
COLUMN 2	5	6.709	6.659	6.759	586	721	13.82

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.063	7.013	7.113	359		
	2	7.316	7.266	7.366	351		
	3	7.674	7.624	7.724	217		
COLUMN 1	4	7.892	7.842	7.942	178		
	5	8.201	8.151	8.251	165	254	
	1	6.196	6.146	6.246	544		
	2	6.383	6.333	6.433	342		
	3	6.534	6.484	6.584	333		
	4	7.007	6.957	7.057	161		
COLUMN 2	5	7.247	7.197	7.297	163	309	19.54

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AH1DL

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3673

Lab Sample ID: Q3673-06DL | 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 PO115317.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.322	6.272	6.372	1830		
	2	6.538	6.488	6.588	1810		
	3	6.898	6.848	6.948	1650		
COLUMN 1	4	7.179	7.129	7.229	1670		
	5	7.593	7.543	7.643	2080	1800	
	1	5.517	5.467	5.567	1650		
	2	5.665	5.615	5.715	1520		
	3	6.066	6.016	6.116	1660		
	4	6.293	6.243	6.343	1490		
COLUMN 2	5	6.71	6.66	6.76	1570	1600	11.76
Aroclor-1260	1	7.063	7.013	7.113	1130		
	2	7.316	7.266	7.366	1130		
	3	7.673	7.623	7.723	603		
COLUMN 1	4	7.892	7.842	7.942	581		
	5	8.201	8.151	8.251	478	785	
	1	6.196	6.146	6.246	1360		
	2	6.383	6.333	6.433	946		
	3	6.535	6.485	6.585	1000		
	4	7.007	6.957	7.057	463		
COLUMN 2	5	7.247	7.197	7.297	457	845	7.36

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AH2DL2

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3673

Lab Sample ID: Q3673-07DL2 | 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 PO115318.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1242	1	5.479	5.429	5.529	52200		
	2	5.501	5.451	5.551	92400		
	3	5.565	5.515	5.615	23600		
COLUMN 1	4	5.658	5.608	5.708	89300		
	5	6.384	6.334	6.434	20100	56000	
	1	4.72	4.67	4.77	51600		
	2	4.739	4.689	4.789	86100		
	3	4.913	4.863	4.963	83800		
	4	4.997	4.947	5.047	80700		
COLUMN 2	5	5.517	5.467	5.567	30100	66000	16.39
Aroclor-1260	1	7.062	7.012	7.112	1600		
	2	7.317	7.267	7.367	1600		
	3	7.673	7.623	7.723	1290		
COLUMN 1	4	7.894	7.844	7.944	971		
	5	8.203	8.153	8.253	1090	1300	
	1	6.195	6.145	6.245	1640		
	2	6.384	6.334	6.434	1400		
	3	6.536	6.486	6.586	1340		
	4	7.007	6.957	7.057	1070		
COLUMN 2	5	7.248	7.198	7.298	1140	1300	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AH2DL

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3673

Lab Sample ID: Q3673-07DL 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 PO115393.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1242	1	5.481	5.431	5.531	43300		
	2	5.503	5.453	5.553	78000		
	3	5.567	5.517	5.617	18100		
COLUMN 1	4	5.66	5.61	5.71	73000		
	5	6.386	6.336	6.436	16700	46000	
	1	4.72	4.67	4.77	36100		
	2	4.739	4.689	4.789	67400		
	3	4.913	4.863	4.963	61900		
	4	4.997	4.947	5.047	58200		
COLUMN 2	5	5.516	5.466	5.566	21500	49000	6.32
Aroclor-1260	1	7.064	7.014	7.114	1350		
	2	7.318	7.268	7.368	1330		
	3	7.675	7.625	7.725	1070		
COLUMN 1	4	7.898	7.848	7.948	1060		
	5	8.203	8.153	8.253	976	1200	
	1	6.196	6.146	6.246	1200		
	2	6.383	6.333	6.433	927		
	3	6.535	6.485	6.585	1020		
	4	7.006	6.956	7.056	876		
COLUMN 2	5	7.247	7.197	7.297	874	980	20.18

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170650BS

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3673

Lab Sample ID: PB170650BS Date(s) Analyzed: 11/20/2025 11/20/2025

Instrument ID (1): ECD_Q Instrument ID (2): ECD_Q

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

Data file PQ071377.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.496	4.446	4.546	145		
	2	4.515	4.465	4.565	146		
	3	4.572	4.522	4.622	144		
COLUMN 1	4	4.663	4.613	4.713	146		
	5	4.948	4.898	4.998	141	144	
	1	3.869	3.819	3.919	163		
	2	3.886	3.836	3.936	167		
	3	4.048	3.998	4.098	162		
	4	4.096	4.046	4.146	157		
COLUMN 2	5	4.293	4.243	4.343	158	162	11.76
Aroclor-1260	1	6.042	5.992	6.092	141		
	2	6.299	6.249	6.349	145		
	3	6.651	6.601	6.701	122		
COLUMN 1	4	6.866	6.816	6.916	129		
	5	7.173	7.123	7.223	128	133	
	1	5.294	5.244	5.344	165		
	2	5.483	5.433	5.533	167		
	3	5.626	5.576	5.676	167		
	4	6.09	6.04	6.14	146		
COLUMN 2	5	6.334	6.284	6.384	144	158	17.18

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

ETGI-354MS

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3673

Lab Sample ID: Q3681-01MS | Date(s) Analyzed: 11/20/2025 11/20/2025

Instrument ID (1): ECD_Q | Instrument ID (2): ECD_Q

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

Data file PQ071383.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.496	4.446	4.546	169		
	2	4.515	4.465	4.565	154		
	3	4.572	4.522	4.622	160		
COLUMN 1	4	4.662	4.612	4.712	170		
	5	4.948	4.898	4.998	162	163	
	1	3.868	3.818	3.918	191		
	2	3.885	3.835	3.935	182		
	3	4.047	3.997	4.097	192		
	4	4.095	4.045	4.145	156		
COLUMN 2	5	4.293	4.243	4.343	196	183	11.56
Aroclor-1260	1	6.042	5.992	6.092	160		
	2	6.299	6.249	6.349	166		
	3	6.651	6.601	6.701	136		
COLUMN 1	4	6.866	6.816	6.916	146		
	5	7.174	7.124	7.224	143	150	
	1	5.295	5.245	5.345	194		
	2	5.484	5.434	5.534	197		
	3	5.627	5.577	5.677	196		
	4	6.09	6.04	6.14	170		
COLUMN 2	5	6.335	6.285	6.385	171	186	21.43

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

ETGI-354MSD

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3673

Lab Sample ID: Q3681-01MSD Date(s) Analyzed: 11/20/2025 11/20/2025

Instrument ID (1): ECD_Q Instrument ID (2): ECD_Q

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

Data file PQ071384.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.495	4.445	4.545	177		
	2	4.515	4.465	4.565	155		
	3	4.572	4.522	4.622	164		
COLUMN 1	4	4.662	4.612	4.712	174		
	5	4.947	4.897	4.997	171	168	
	1	3.869	3.819	3.919	189		
	2	3.885	3.835	3.935	187		
	3	4.047	3.997	4.097	200		
	4	4.094	4.044	4.144	160		
COLUMN 2	5	4.294	4.244	4.344	212	190	12.29
Aroclor-1260	1	6.042	5.992	6.092	168		
	2	6.299	6.249	6.349	178		
	3	6.651	6.601	6.701	143		
COLUMN 1	4	6.866	6.816	6.916	152		
	5	7.173	7.123	7.223	150	158	
	1	5.294	5.244	5.344	202		
	2	5.484	5.434	5.534	206		
	3	5.626	5.576	5.676	203		
	4	6.09	6.04	6.14	174		
COLUMN 2	5	6.335	6.285	6.385	178	192	19.43

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:	PB170650BL	SDG No.:	Q3673
Lab Sample ID:	PB170650BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/20/25 15:05	PB170650
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	11/20/25 15:05	PB170650
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	11/20/25 15:05	PB170650
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	11/20/25 15:05	PB170650
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	11/20/25 15:05	PB170650
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	11/20/25 15:05	PB170650
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	11/20/25 15:05	PB170650
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	11/20/25 15:05	PB170650
11096-82-5	Aroclor-1260	17.0	U	1	3.20	17.0	ug/kg	11/20/25 15:05	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.4			21 - 165	117%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.2			10 - 170	111%	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_Q\Data\PQ112025\
Data File : PQ071374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 15:05
Operator : YP\AJ
Sample : PB170650BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170650BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:43:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.410	2.855	183.1E6	218.9E6	21.036	23.444
2)	SA Decachlor...	8.537	7.656	122.3E6	203.2E6	19.528	22.238
	Target Compounds						

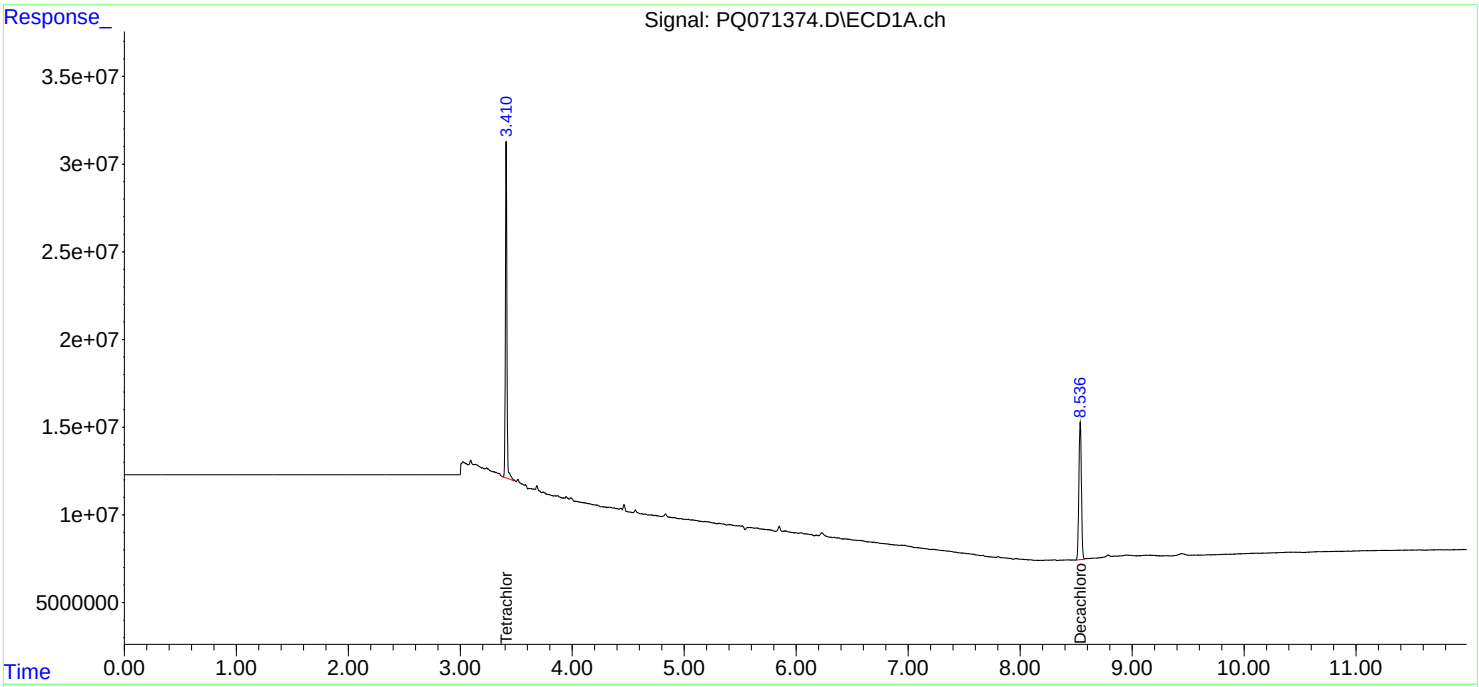
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

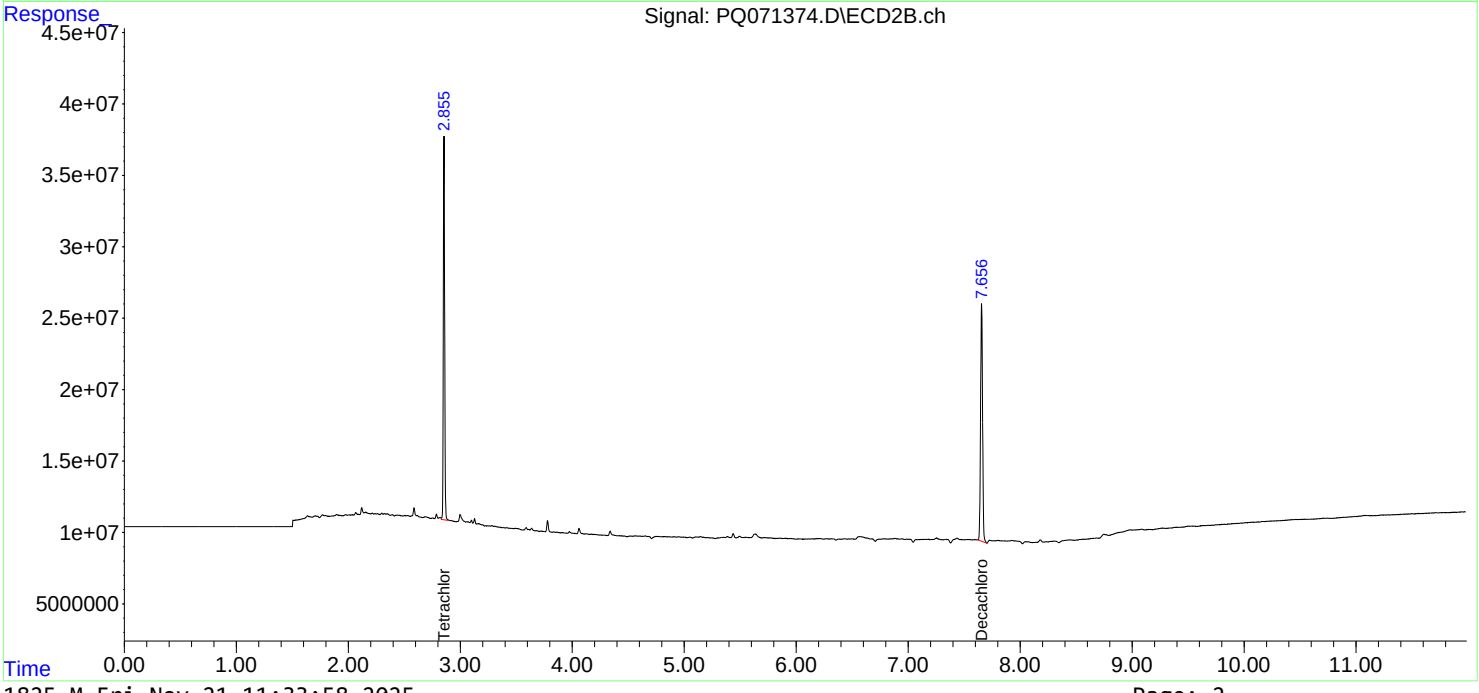
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 15:05
Operator : YP\AJ
Sample : PB170650BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

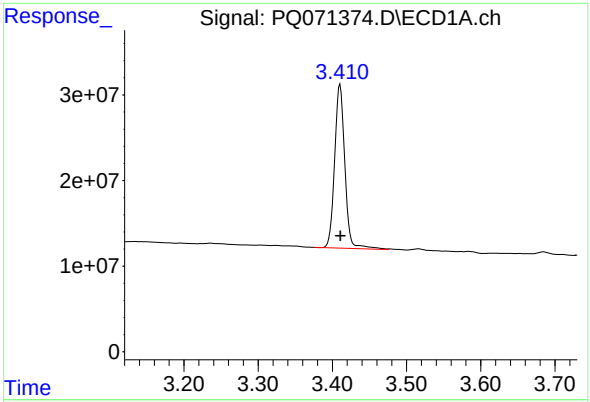
Instrument :
ECD_Q
ClientSampleId :
PB170650BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:43:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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



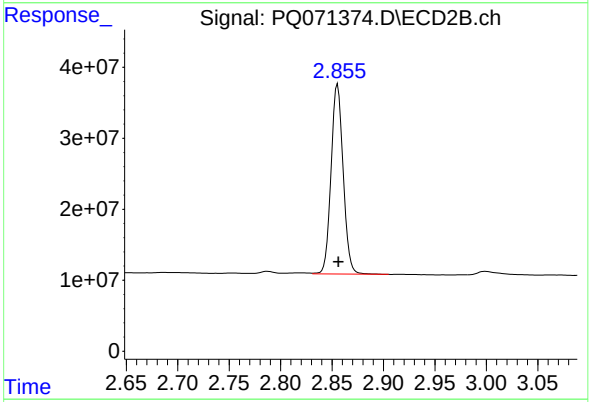




#1 Tetrachloro-m-xylene

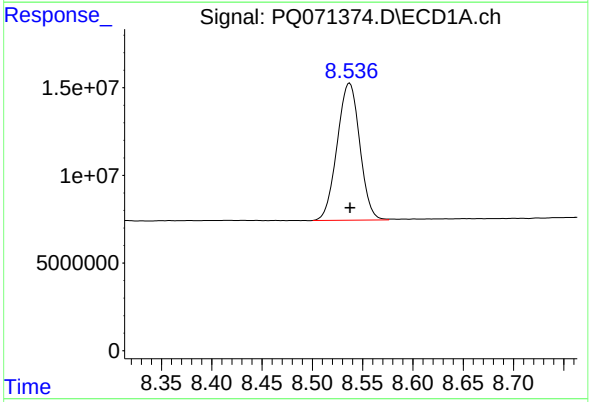
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 183122139
Conc: 21.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170650BL



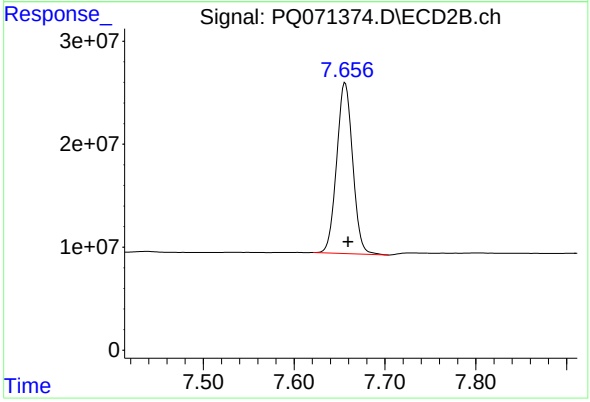
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 218893800
Conc: 23.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 122274371
Conc: 19.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.656 min
Delta R.T.: -0.003 min
Response: 203203475
Conc: 22.24 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.:	Q3673
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						

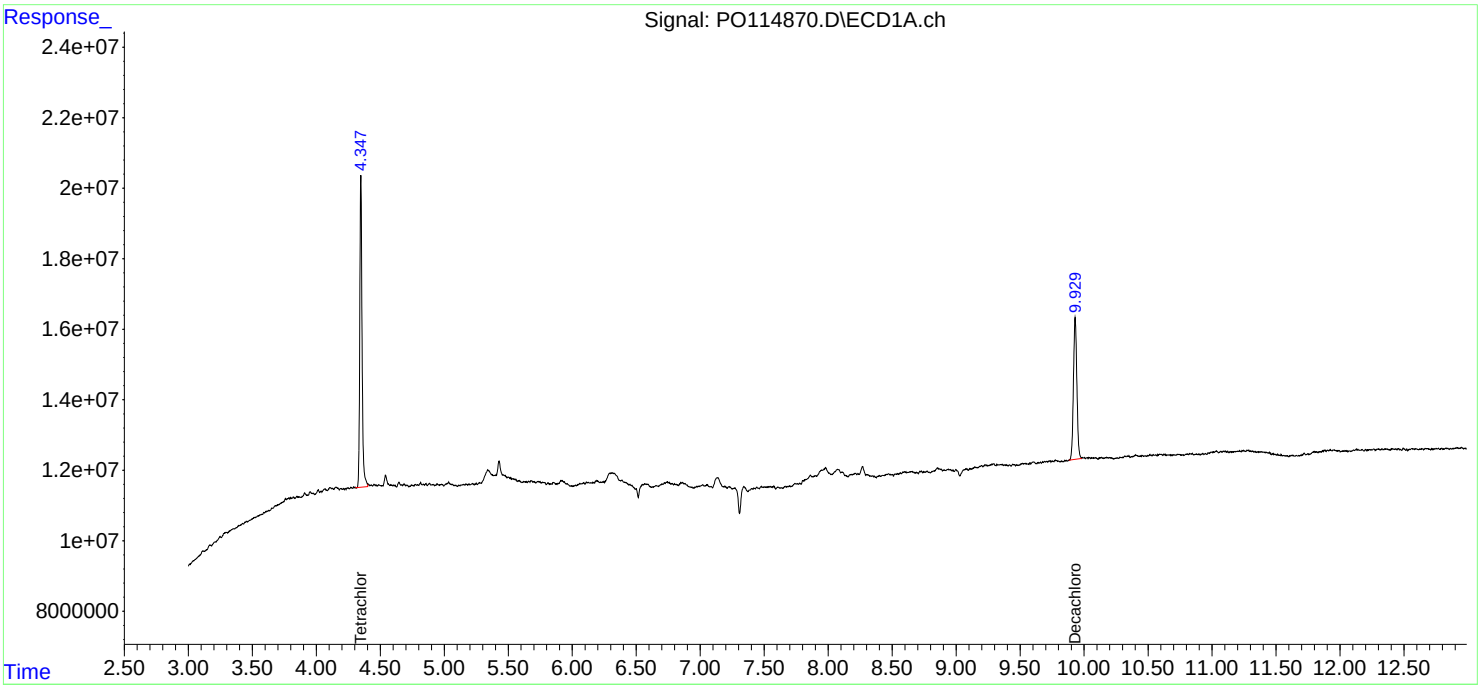
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

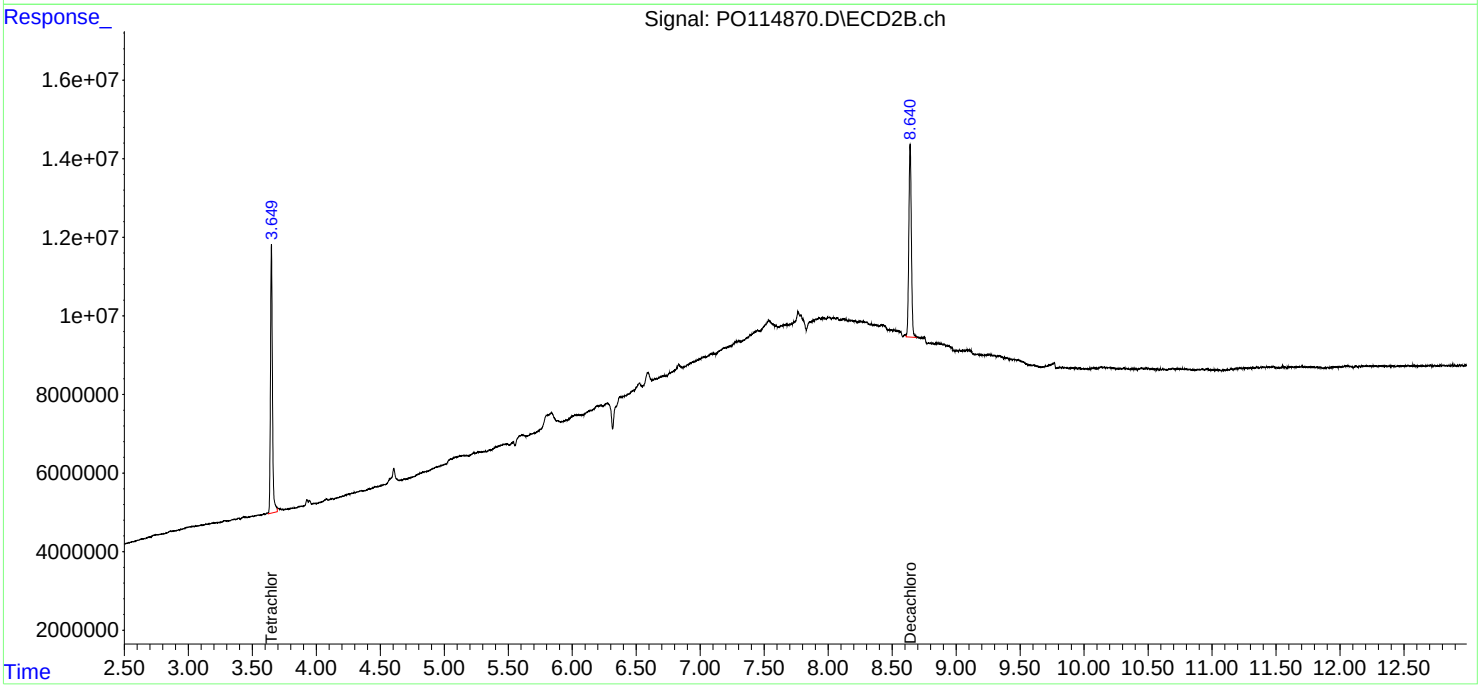
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114870.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:21
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

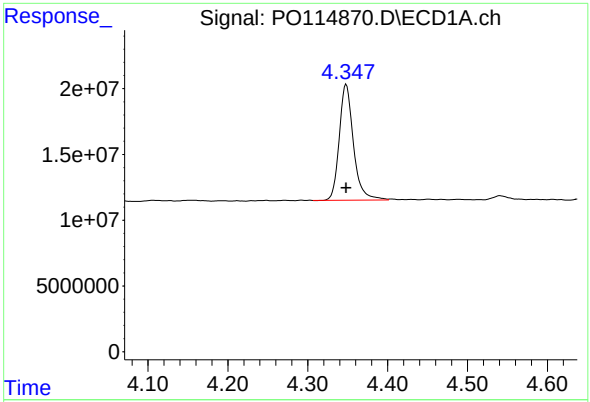
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



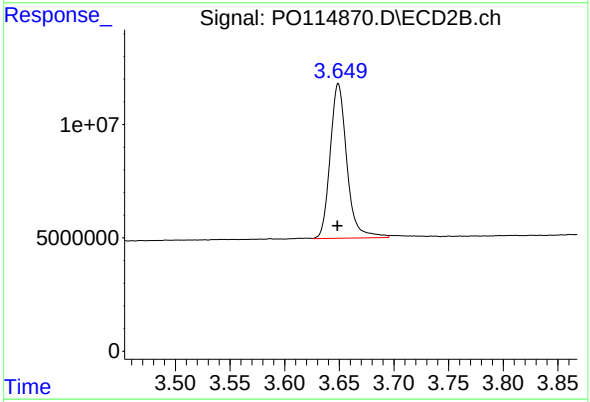




#1 Tetrachloro-m-xylene

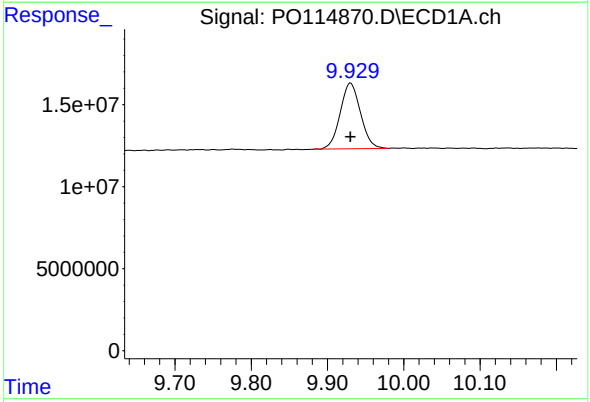
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 108823881
Conc: 15.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



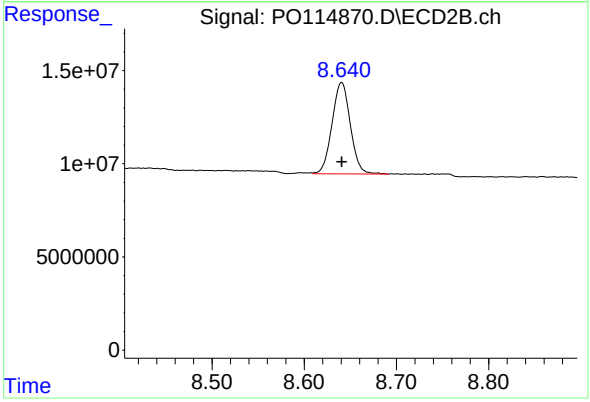
#1 Tetrachloro-m-xylene

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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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/20/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	PIBLK-PO115260.D	SDG No.:	Q3673
Lab Sample ID:	I.BLK-PO115260.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	11/20/25	PO112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/20/25	PO112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/20/25	PO112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/20/25	PO112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/20/25	PO112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/20/25	PO112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/20/25	PO112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/20/25	PO112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/20/25	PO112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.2			60 - 140	111%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.9			60 - 140	119%	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\PO112025\
Data File : PO115260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 12:23
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 20 13:01:24 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	3.645	157.2E6	99273975	22.342	22.225
2)	SA Decachlor...	9.919	8.630	105.5E6	96121519	23.857	24.622
	Target Compounds						

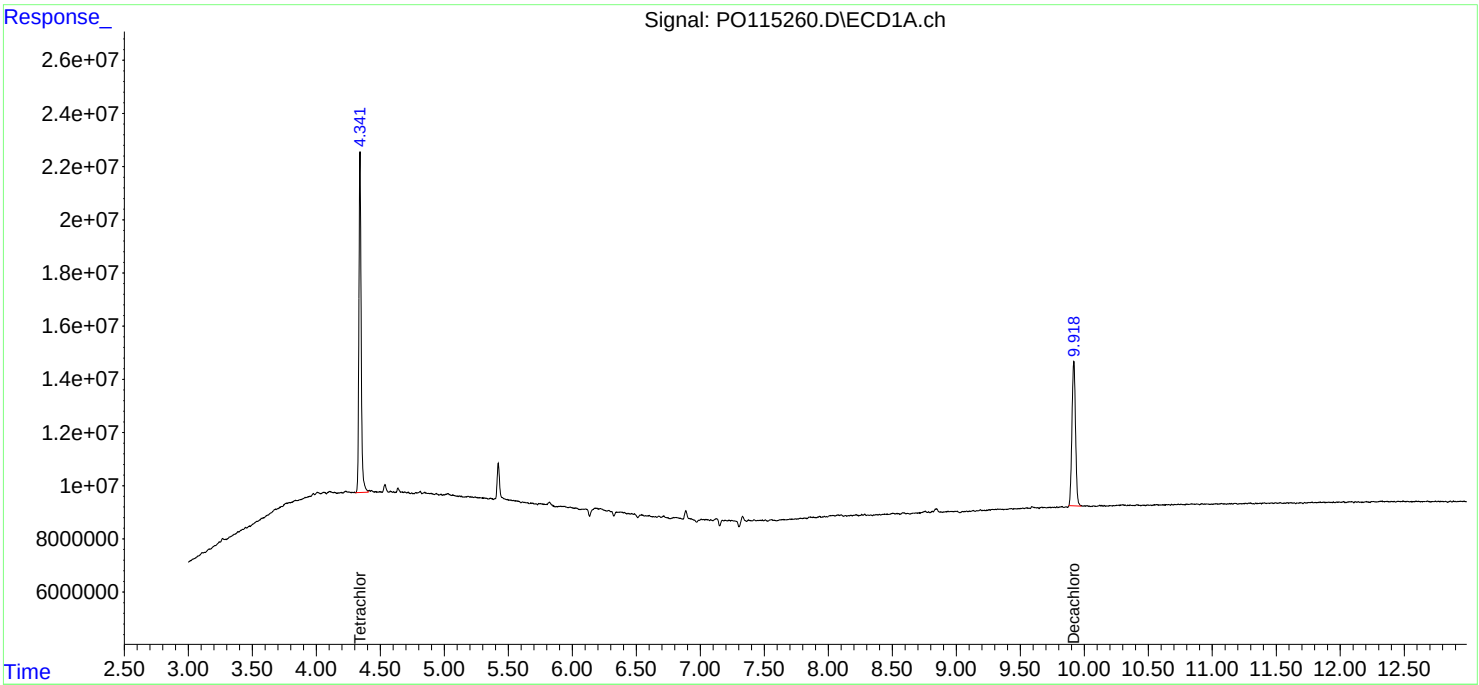
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

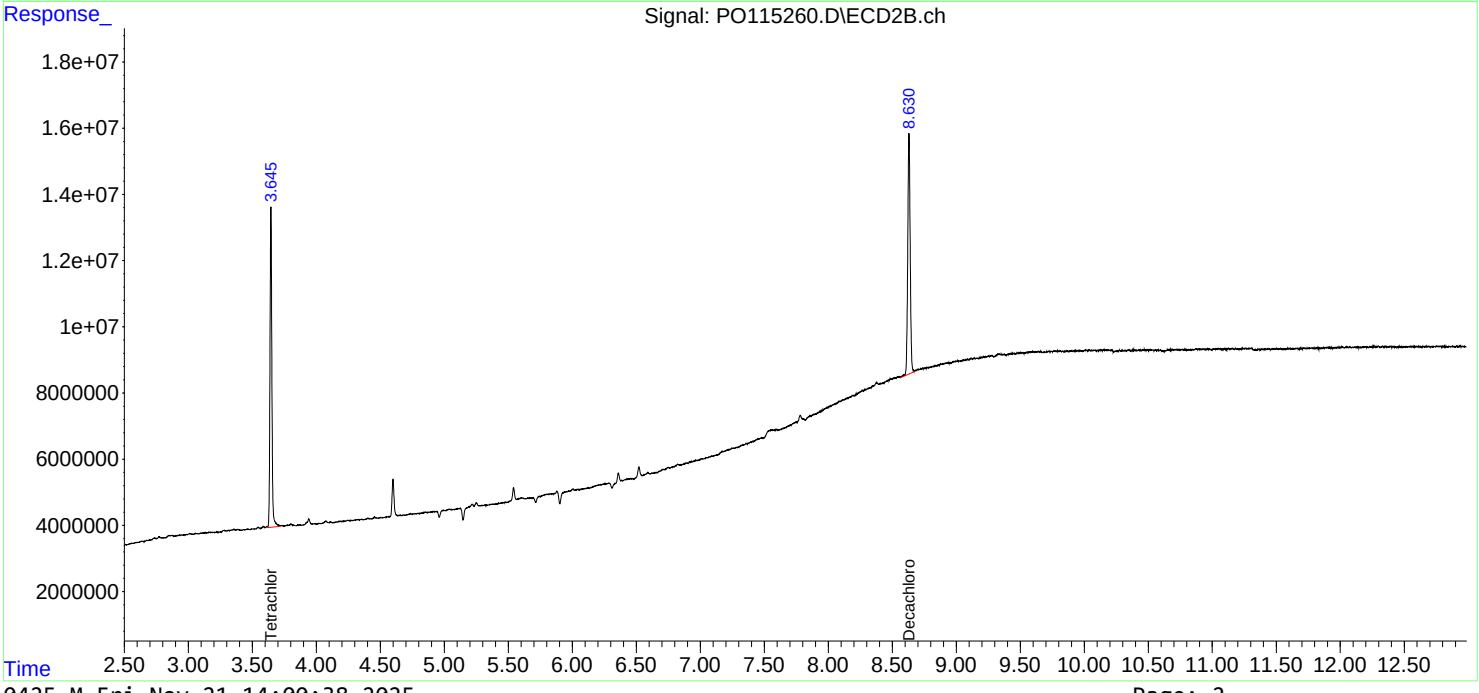
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 12:23
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

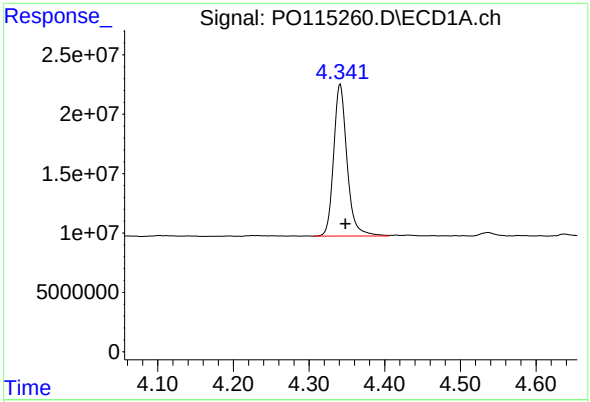
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 13:01:24 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



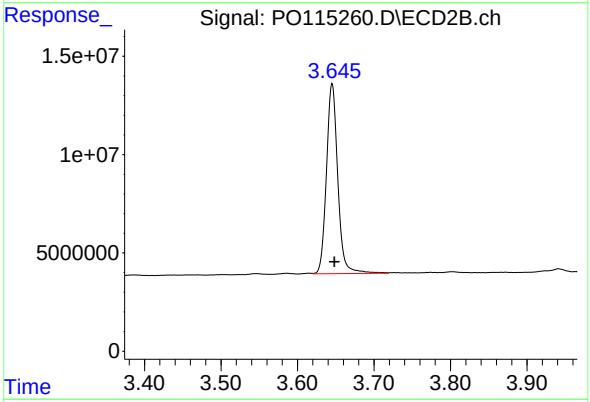




#1 Tetrachloro-m-xylene

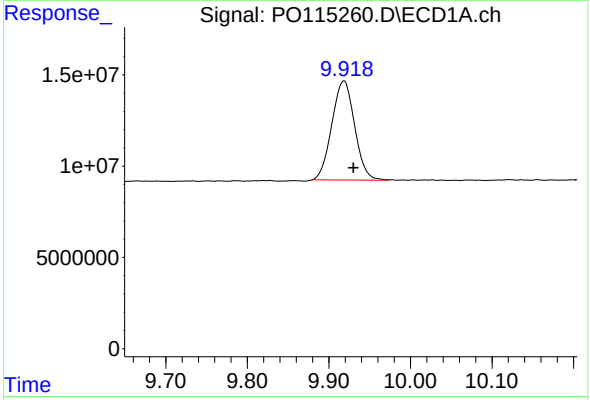
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 157247448
Conc: 22.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



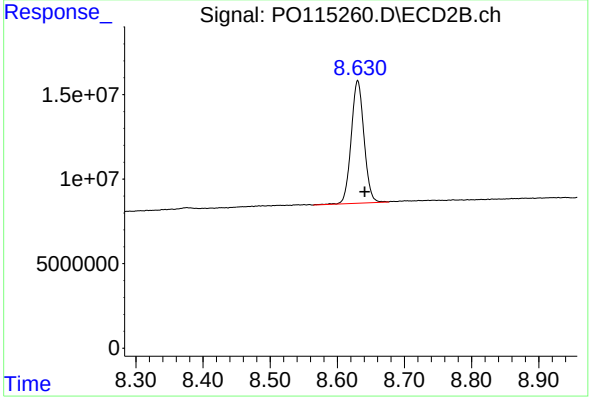
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.003 min
Response: 99273975
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 105451942
Conc: 23.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.010 min
Response: 96121519
Conc: 24.62 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/20/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	PIBLK-PO115276.D	SDG No.:	Q3673
Lab Sample ID:	I.BLK-PO115276.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	11/20/25	po112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/20/25	po112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/20/25	po112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/20/25	po112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/20/25	po112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/20/25	po112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/20/25	po112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/20/25	po112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/20/25	po112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.4			60 - 140	112%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.2			60 - 140	121%	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\PO112025\
Data File : PO115276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 19:13
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 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:53:36 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...	4.340	3.644	162.4E6	100.1E6	23.069	22.413
2)	SA Decachlor...	9.917	8.629	107.0E6	95873354	24.212m	24.559
	Target Compounds						

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

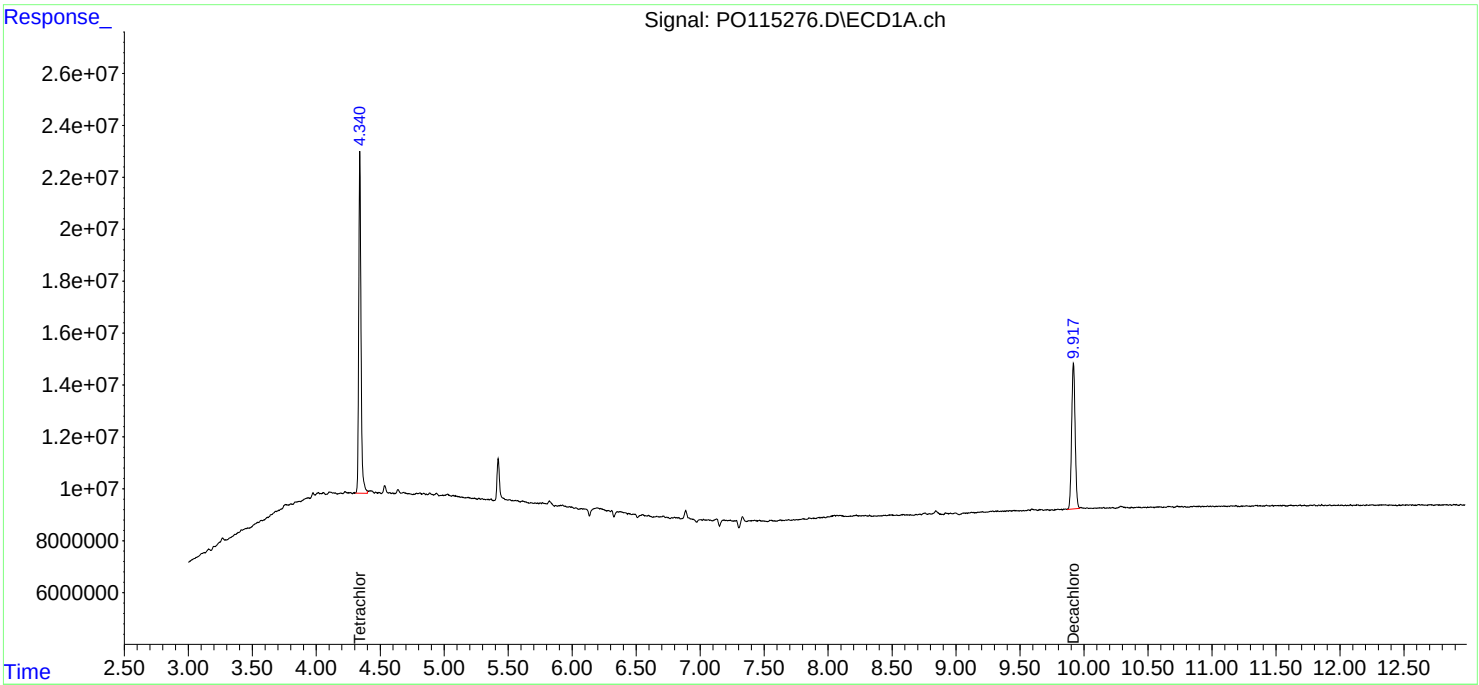
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 19:13
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

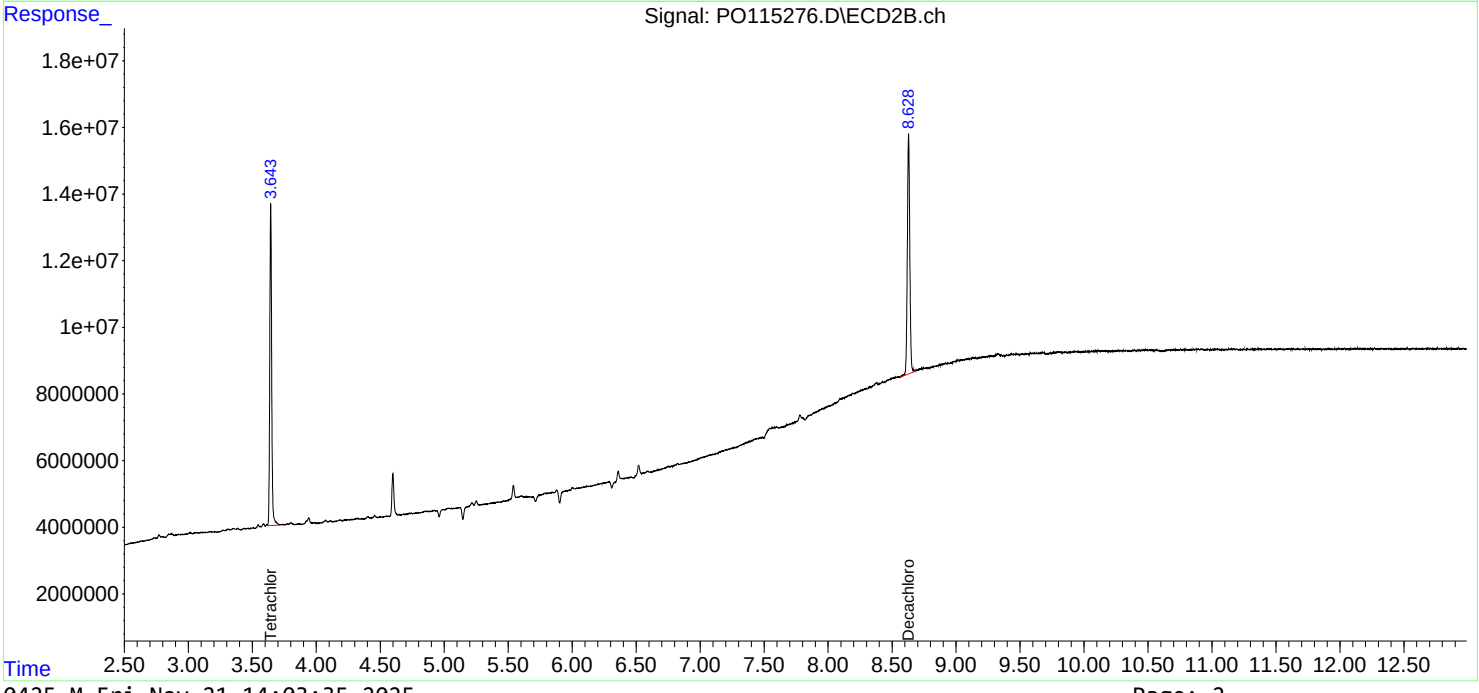
Instrument :
ECD_O
ClientSampleId :
I.BLK

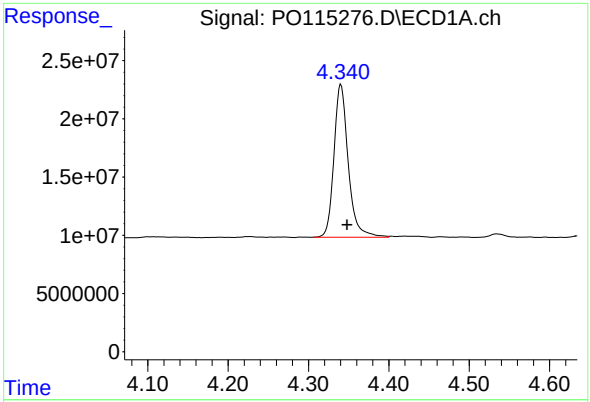
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:53:36 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







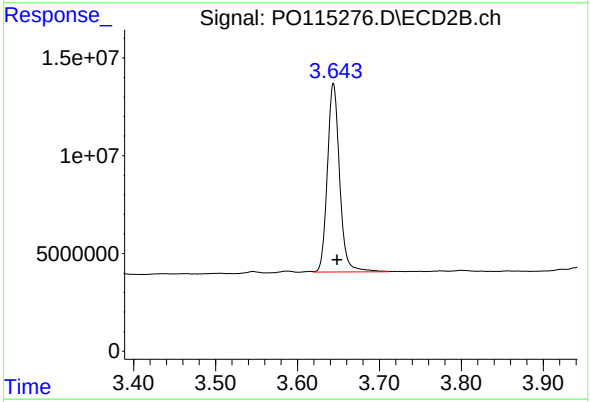
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 162364100
Conc: 23.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

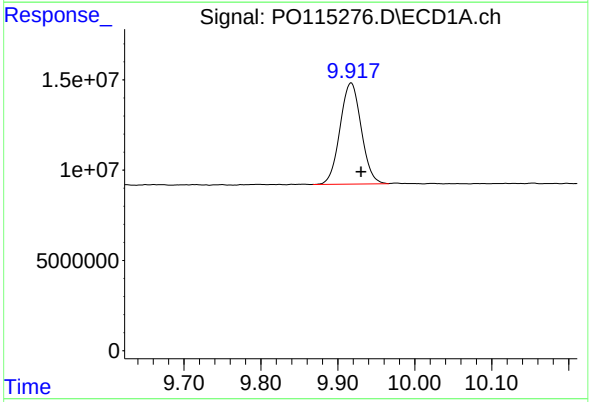
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



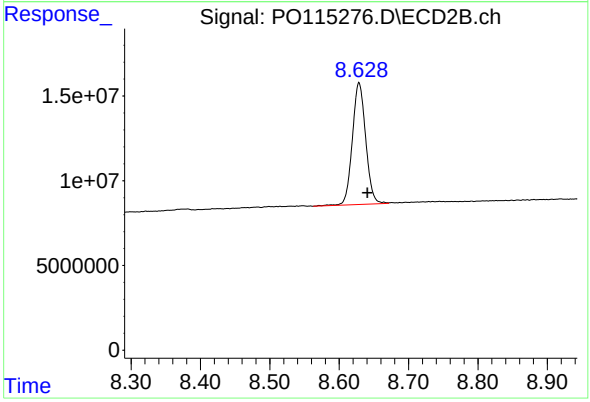
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 100113570
Conc: 22.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.013 min
Response: 107024294
Conc: 24.21 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.012 min
Response: 95873354
Conc: 24.56 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:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PO115292.D	SDG No.:	Q3673
Lab Sample ID:	I.BLK-PO115292.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	po112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	po112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	po112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	po112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	po112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	po112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	po112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	po112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	po112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.9			60 - 140	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.6			60 - 140	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\PO112025\
Data File : PO115292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:38
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 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:39:38 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...	4.340	3.644	164.2E6	102.1E6	23.323	22.855
2)	SA Decachlor...	9.917	8.630	108.5E6	96920913	24.553m	24.827
	Target Compounds						

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

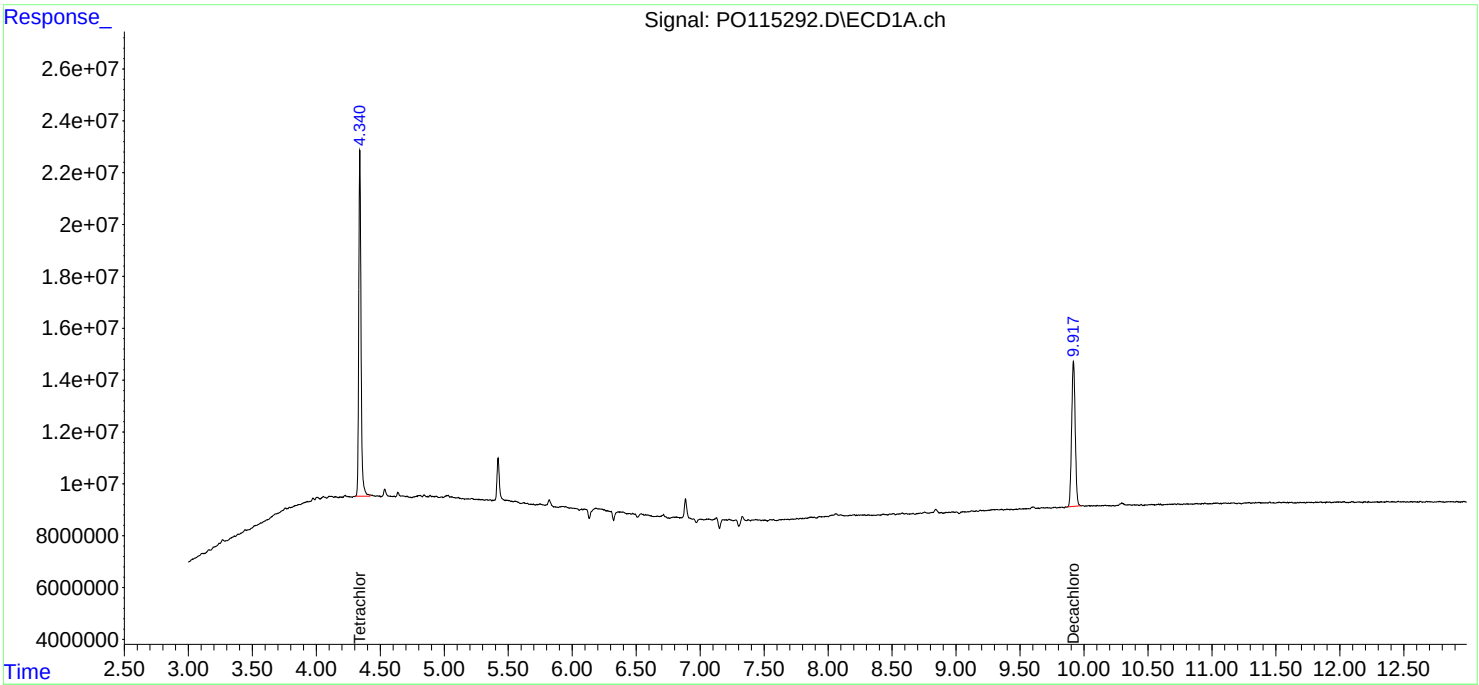
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:38
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

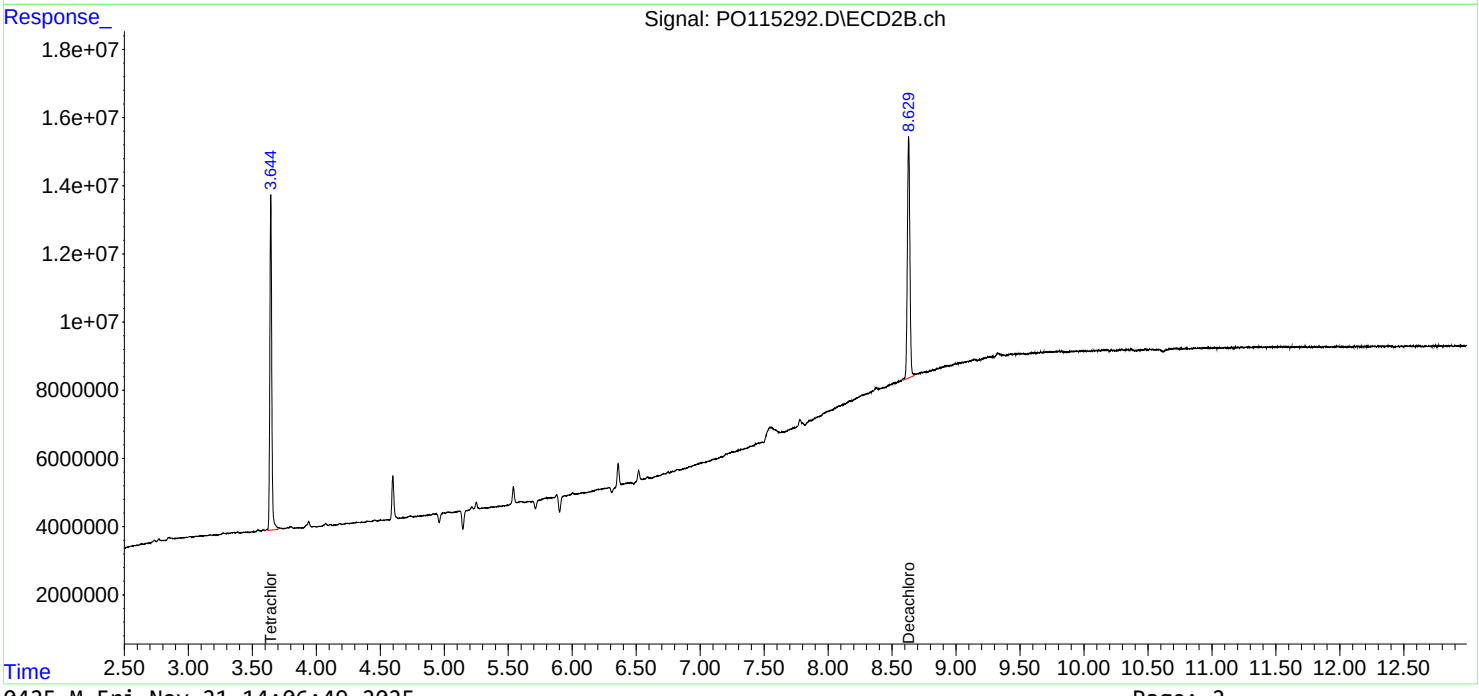
Instrument :
ECD_O
ClientSampleId :
I.BLK

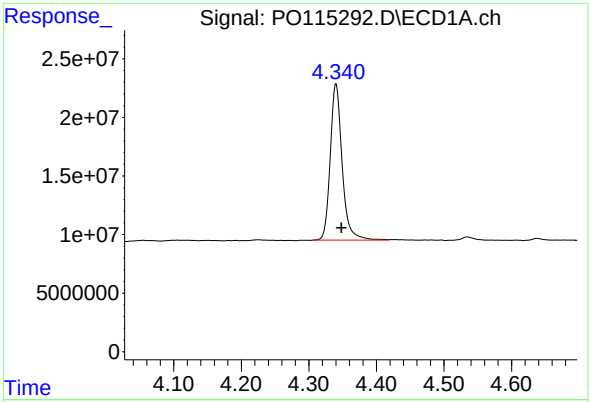
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:39:38 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







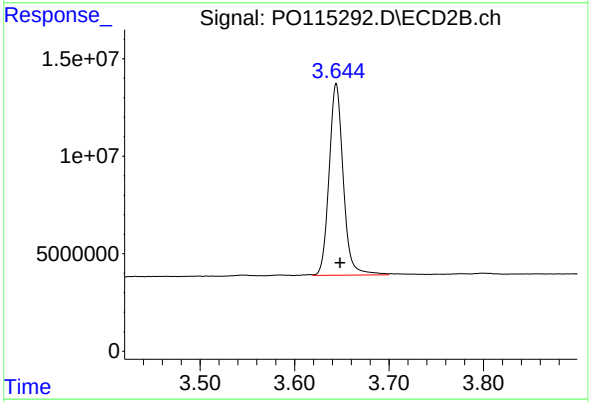
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 164152686
Conc: 23.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

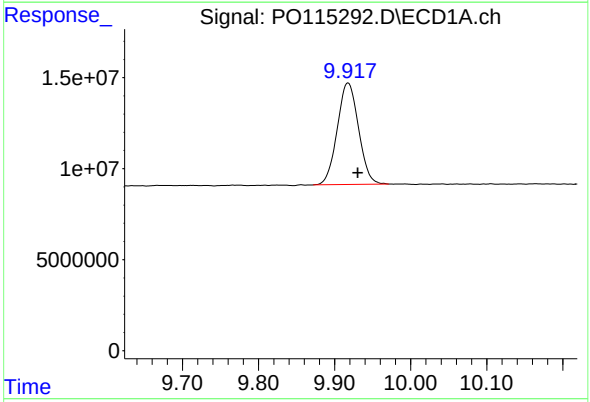
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :Sohil Jodhani 12/01/2025



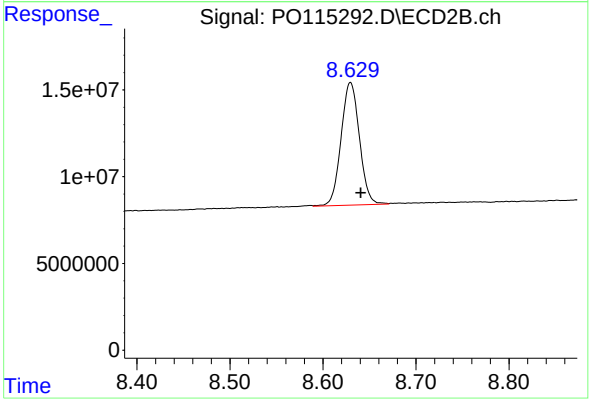
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 102090045
Conc: 22.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.013 min
Response: 108529484
Conc: 24.55 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 96920913
Conc: 24.83 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:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PO115307.D	SDG No.:	Q3673
Lab Sample ID:	I.BLK-PO115307.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	PO112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PO112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PO112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PO112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PO112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PO112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PO112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PO112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PO112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.8			60 - 140	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.5			60 - 140	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\PO112025\
Data File : PO115307.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 07:43
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 21 08:16:53 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	164.7E6	101.7E6	23.407	22.768
2)	SA Decachlor...	9.917	8.630	108.5E6	97536114	24.537	24.985
	Target Compounds						

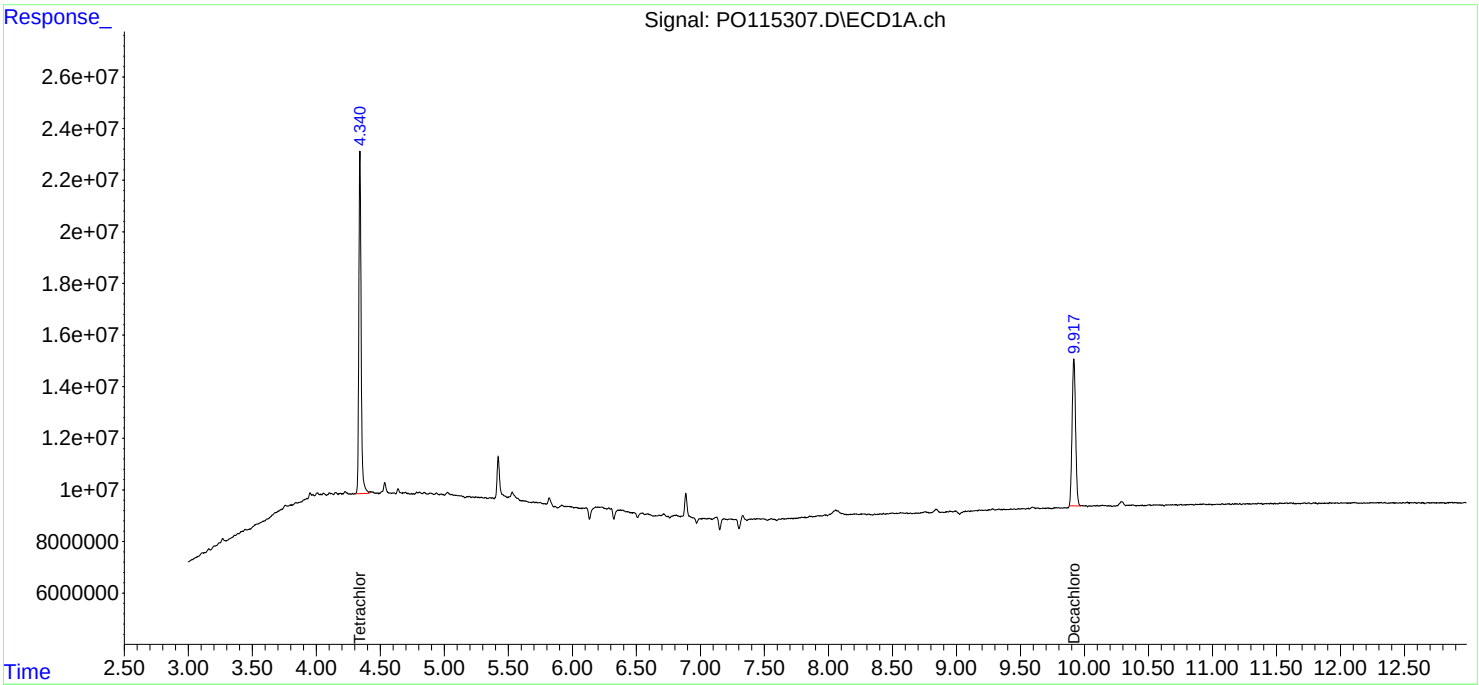
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

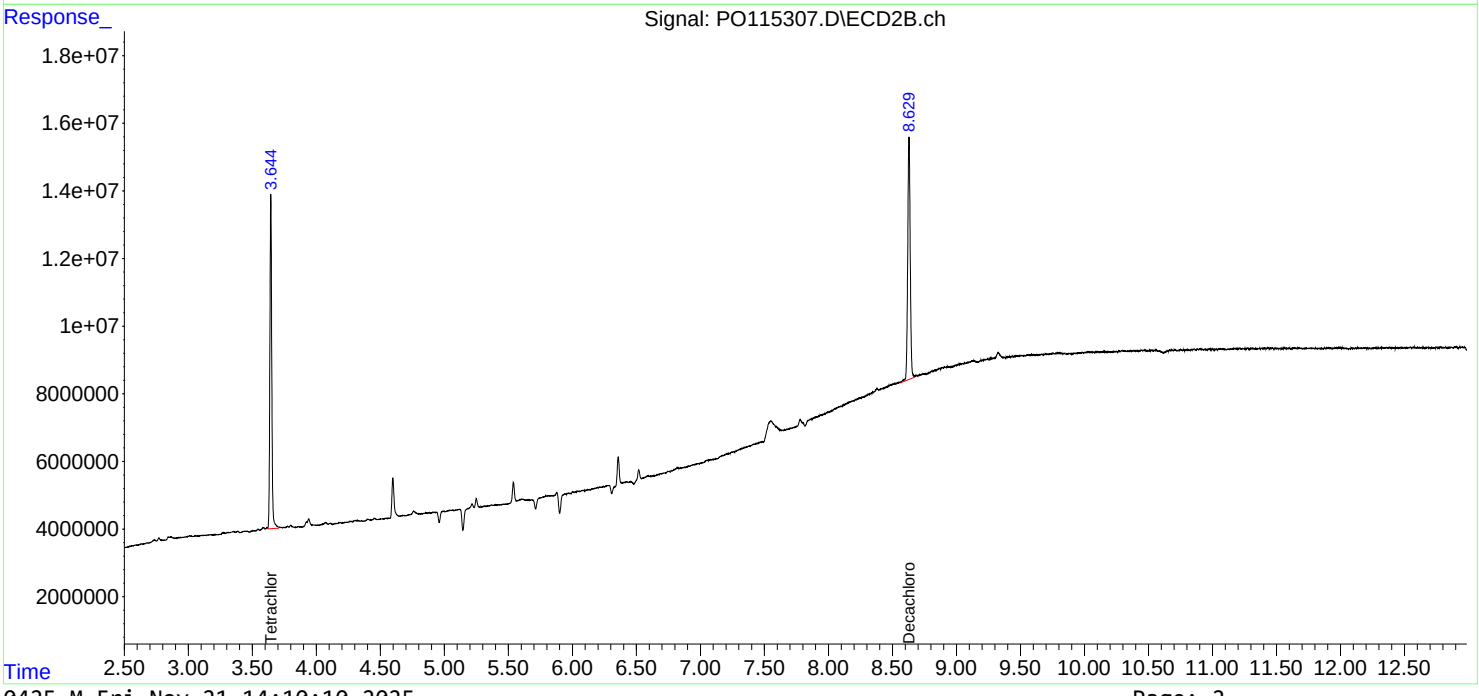
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112025\
Data File : PO115307.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 07:43
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

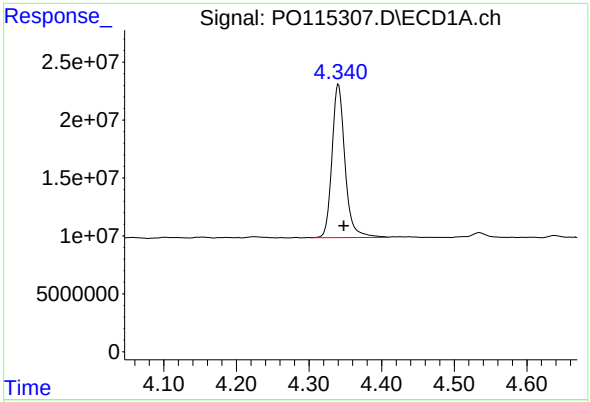
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 08:16:53 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



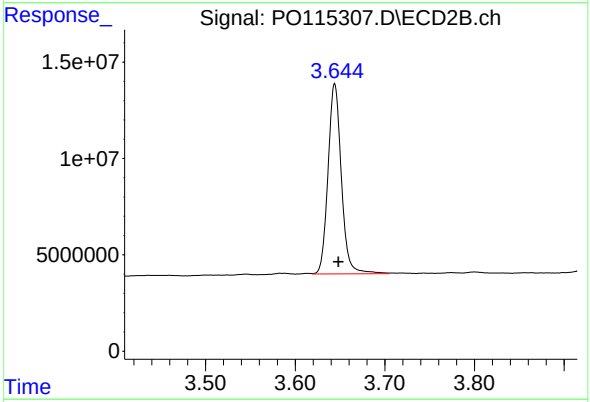




#1 Tetrachloro-m-xylene

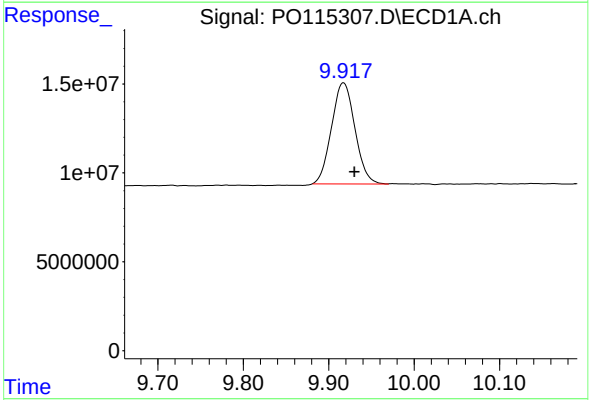
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 164738207
Conc: 23.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



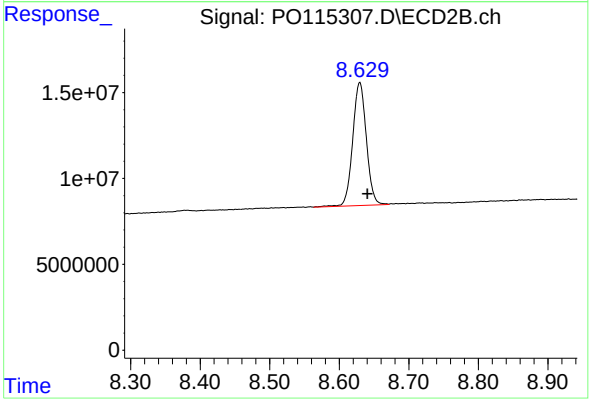
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 101701244
Conc: 22.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.013 min
Response: 108460268
Conc: 24.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 97536114
Conc: 24.98 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:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PO115314.D	SDG No.:	Q3673
Lab Sample ID:	I.BLK-PO115314.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	23.5			60 - 140	117%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.5			60 - 140	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 : PO115314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:35
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 01:15:31 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	168.0E6	104.9E6	23.866	23.485
2)	SA Decachlor...	9.919	8.629	112.6E6	100.9E6	25.474	25.844
	Target Compounds						

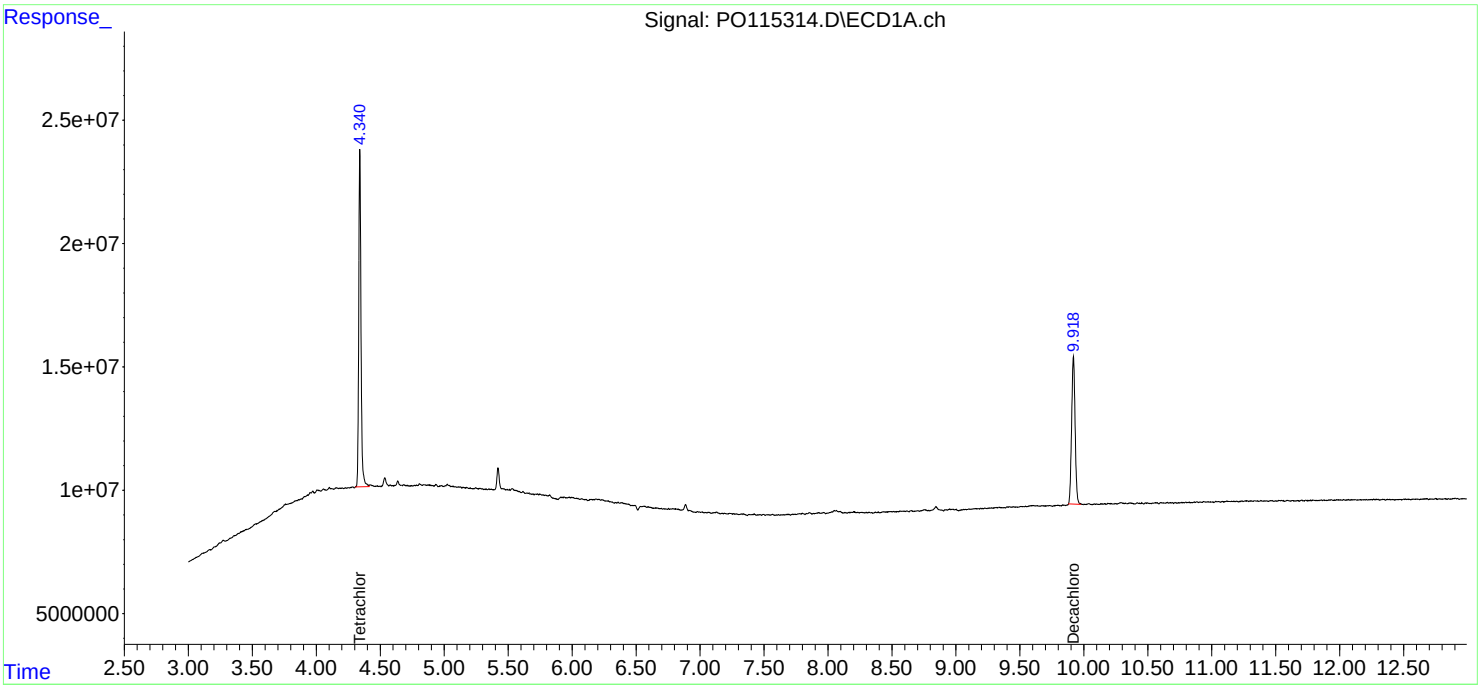
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

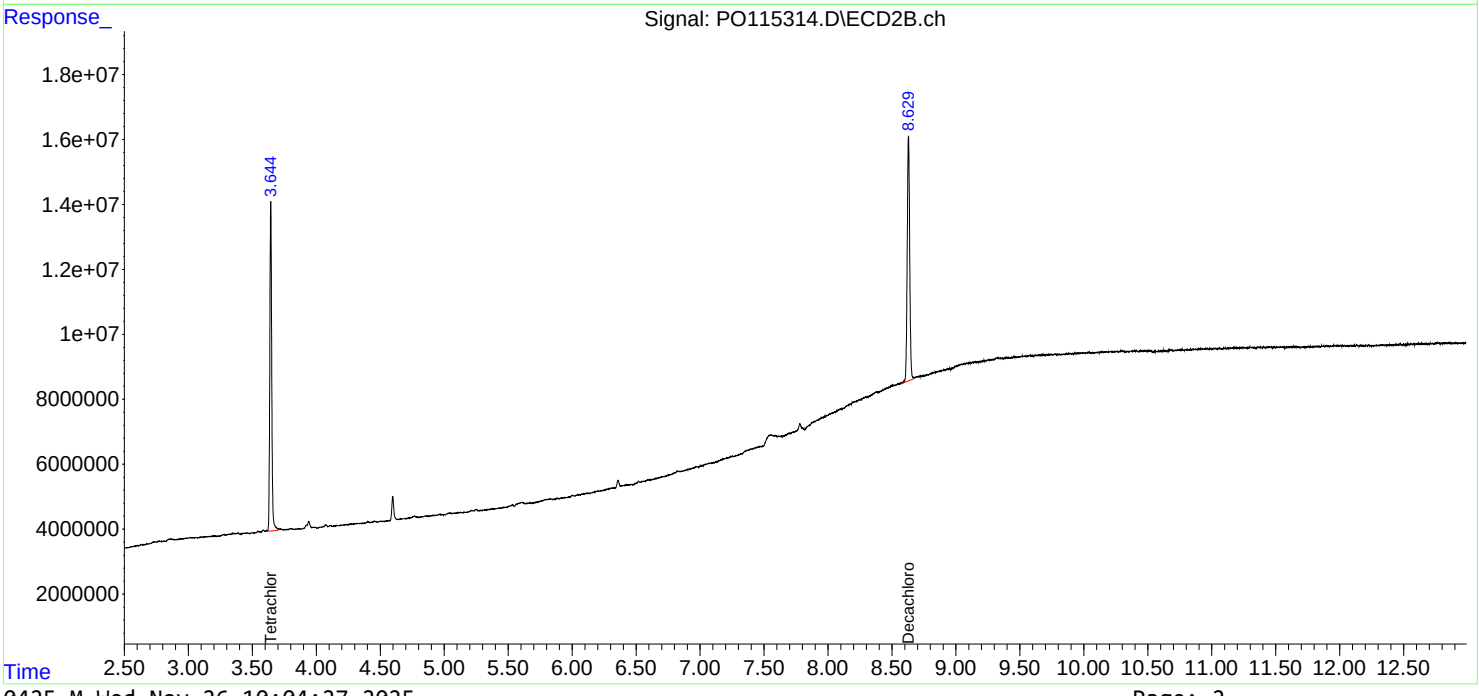
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:35
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

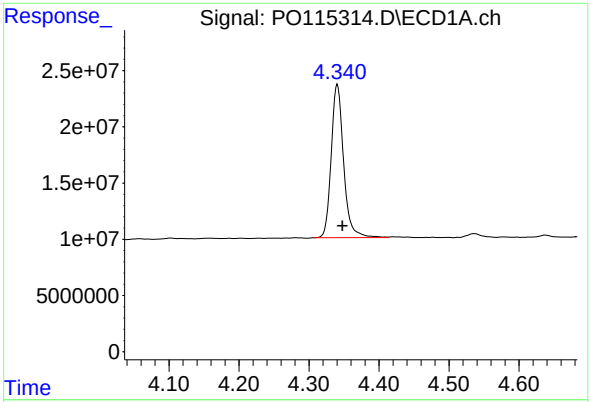
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:15:31 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



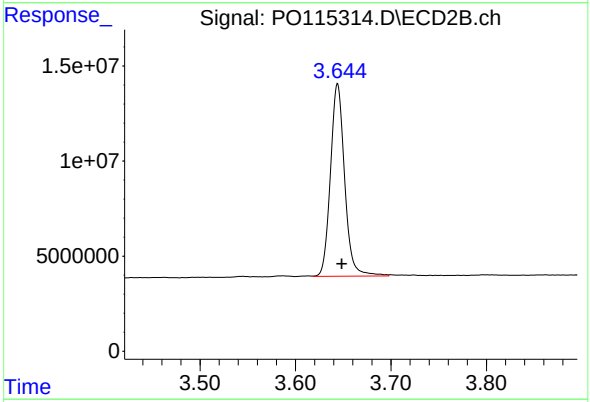




#1 Tetrachloro-m-xylene

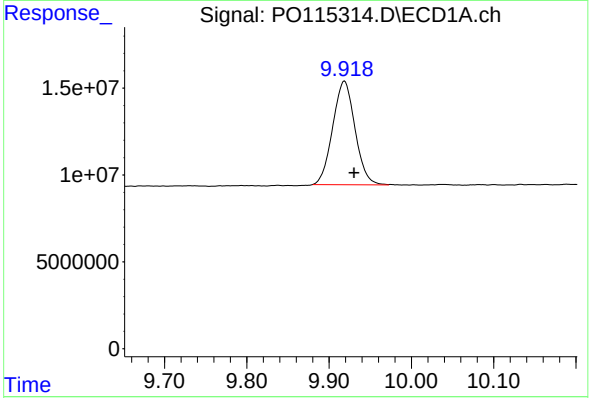
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 167973734
Conc: 23.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



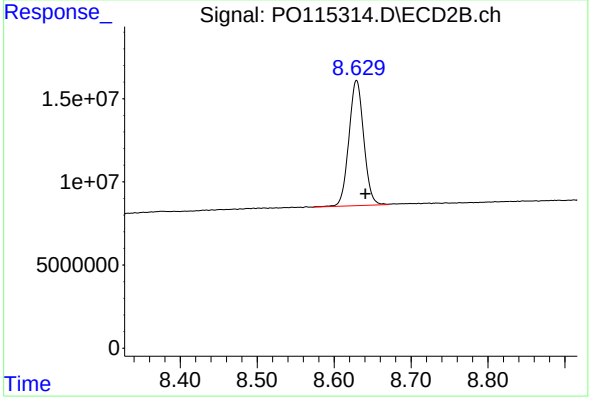
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 104902536
Conc: 23.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 112602135
Conc: 25.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.012 min
Response: 100891547
Conc: 25.84 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:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PO115329.D	SDG No.:	Q3673
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						

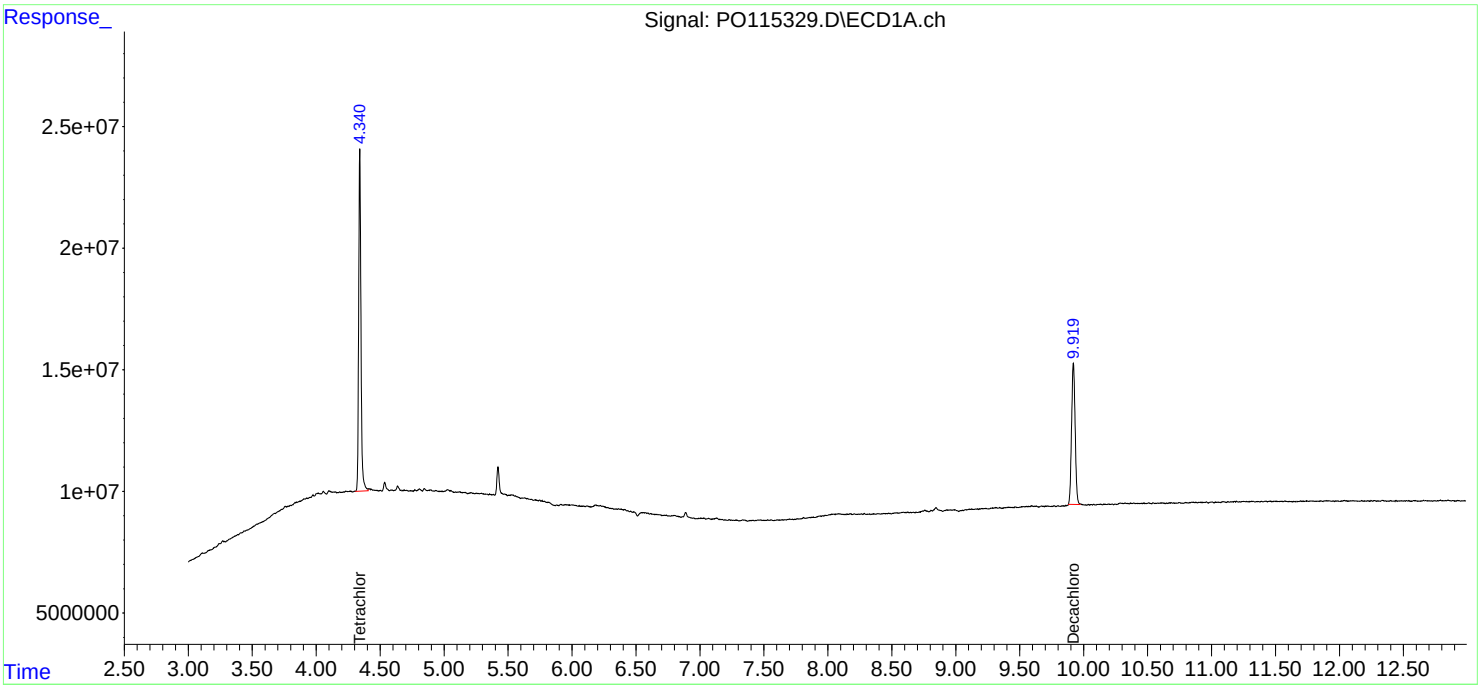
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

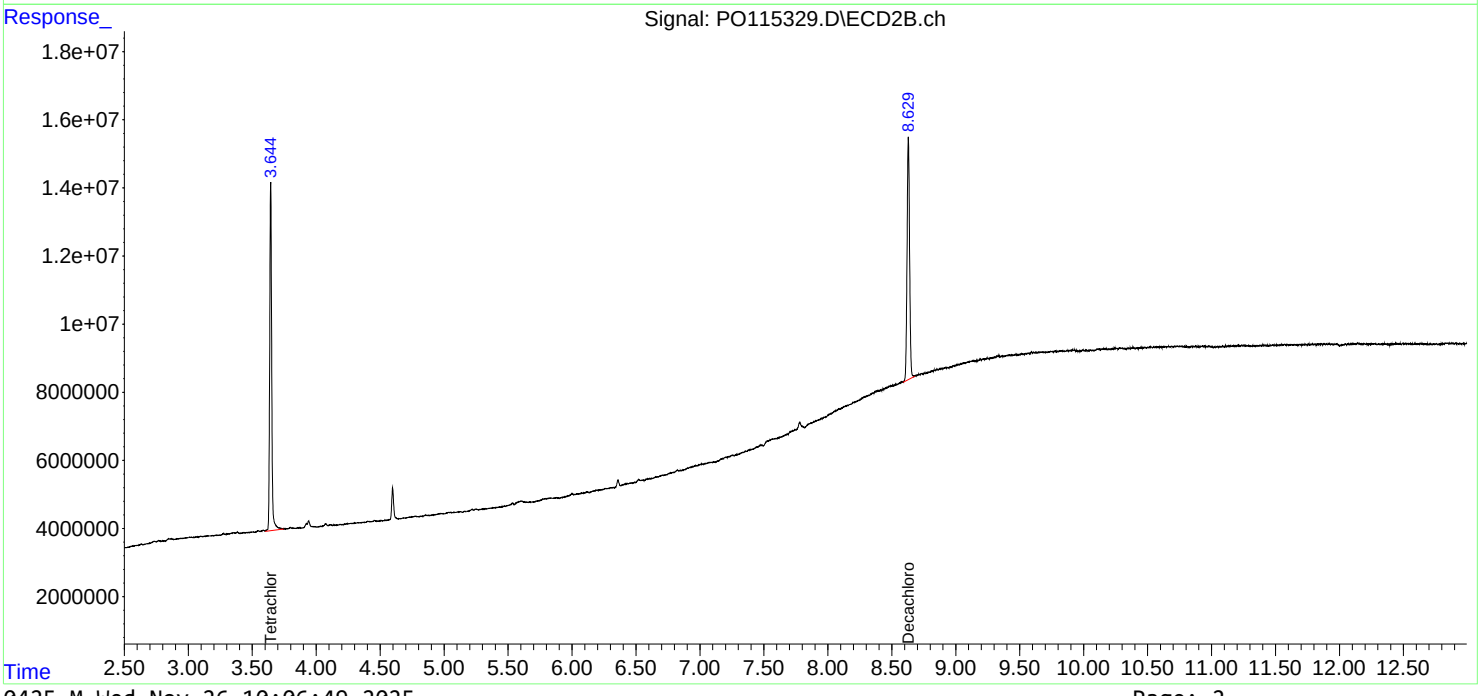
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:04
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

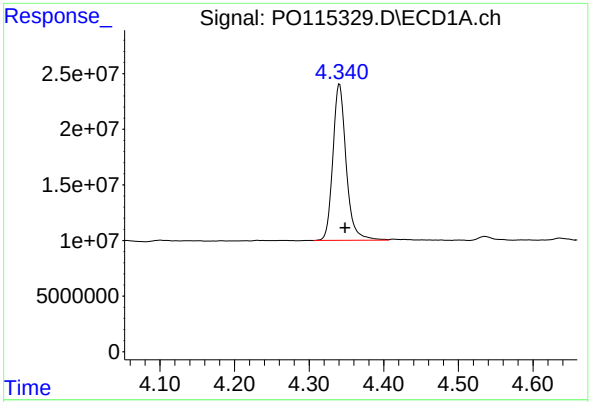
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



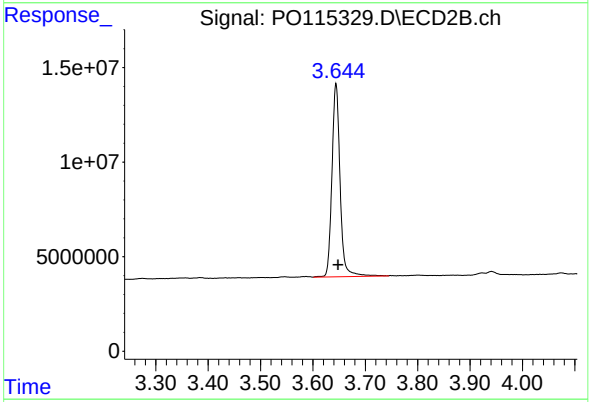




#1 Tetrachloro-m-xylene

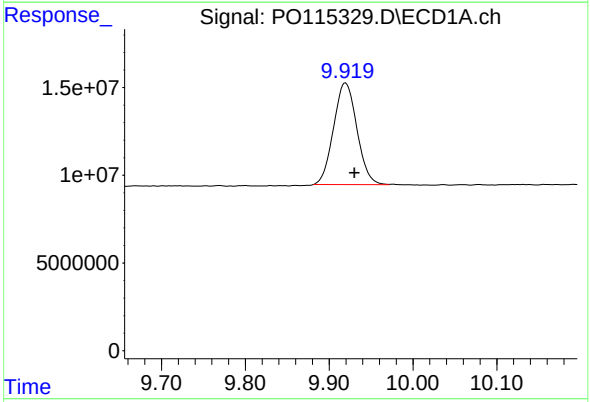
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 174091340
Conc: 24.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



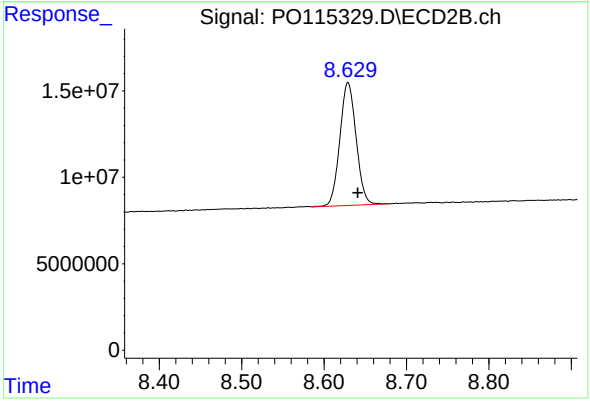
#1 Tetrachloro-m-xylene

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

Alliance TECHNICAL GROUP
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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.:	Q3673
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

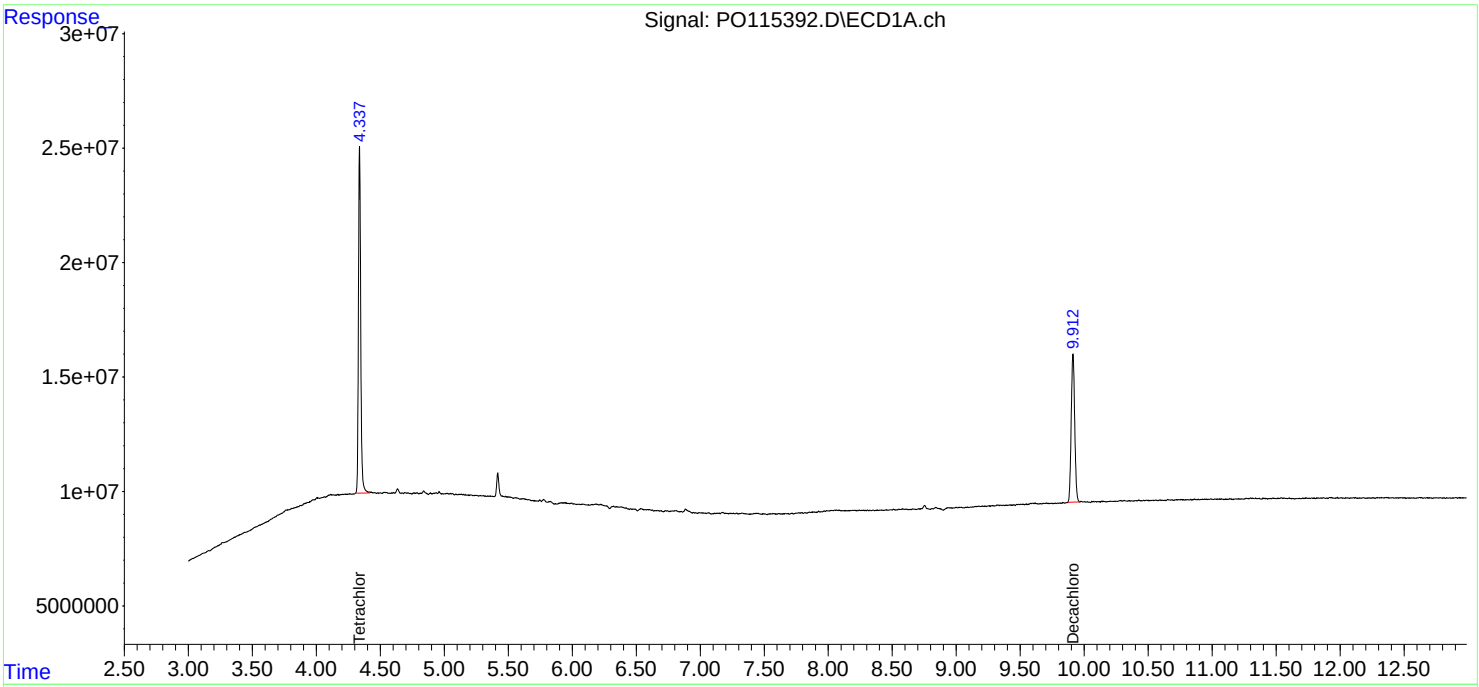
Instrument :
ECD_O
ClientSampleId :
I.BLK

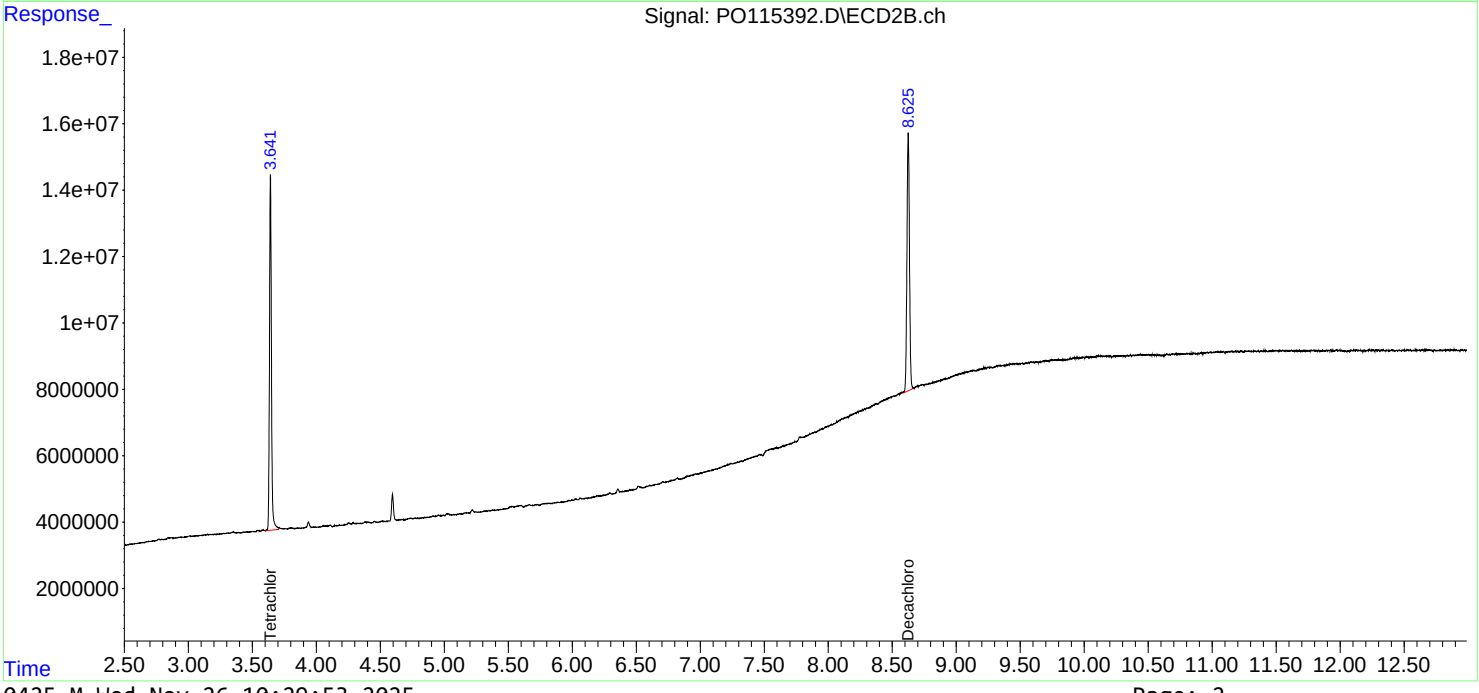
Manual Integrations APPROVED

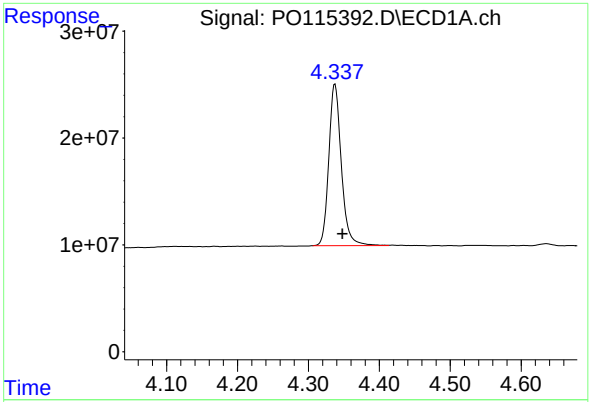
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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







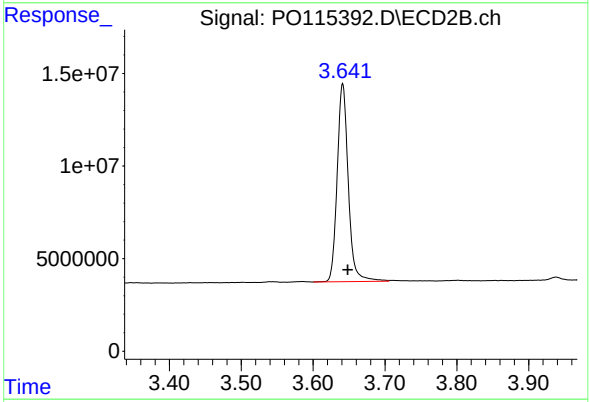
#1 Tetrachloro-m-xylene

R.T.: 4.337 min
Delta R.T.: -0.011 min
Response: 185584191
Conc: 26.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

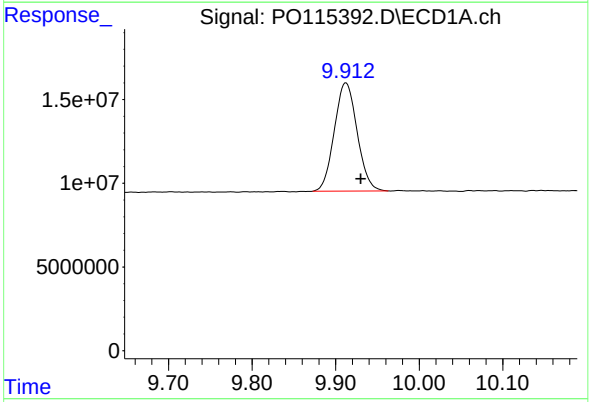
Manual Integrations
APPROVED

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



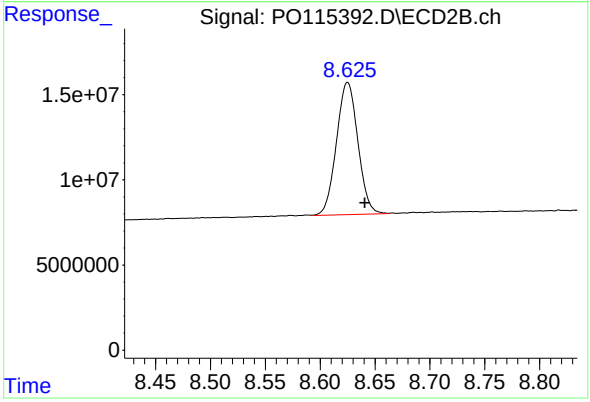
#1 Tetrachloro-m-xylene

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.:	Q3673
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.

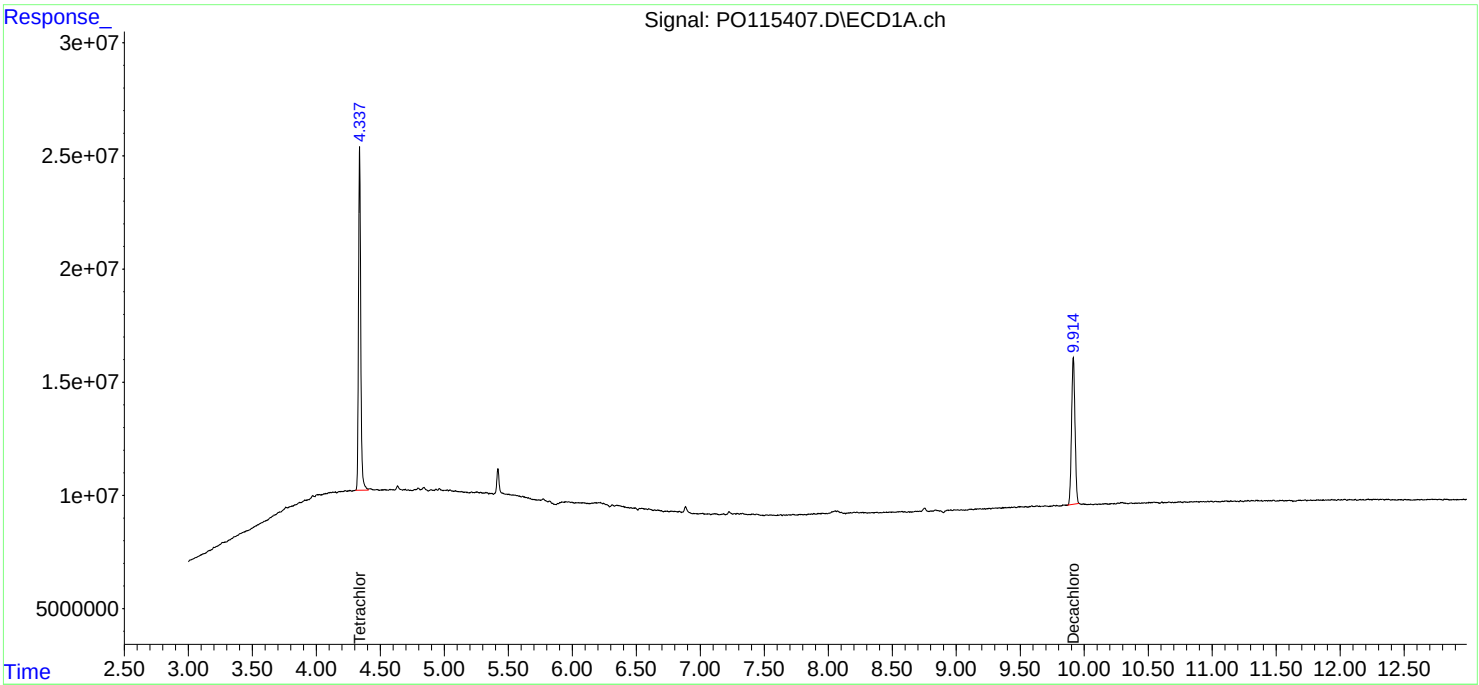
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112525\
Data File : PO115407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 15:33
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

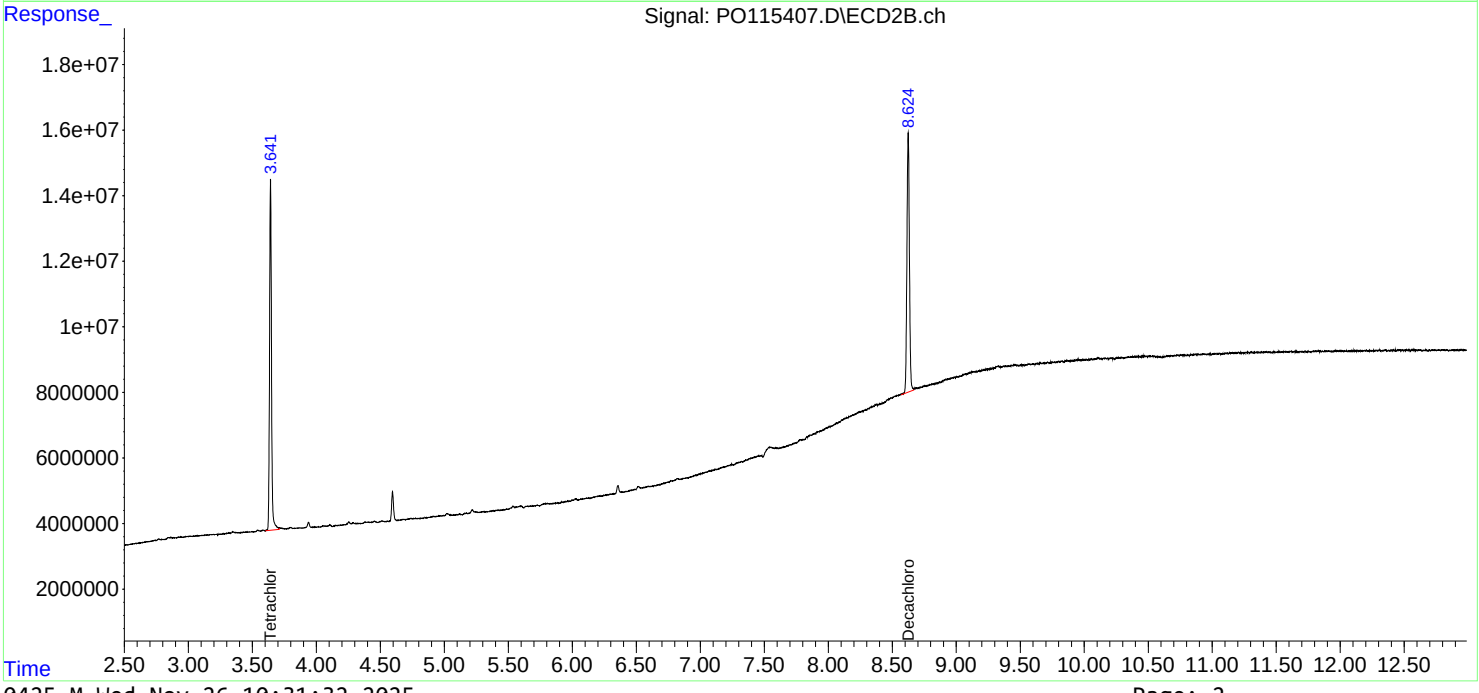
Instrument :
ECD_O
ClientSampleId :
I.BLK

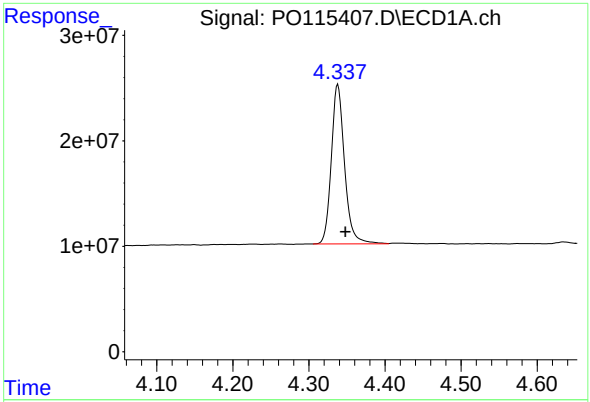
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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







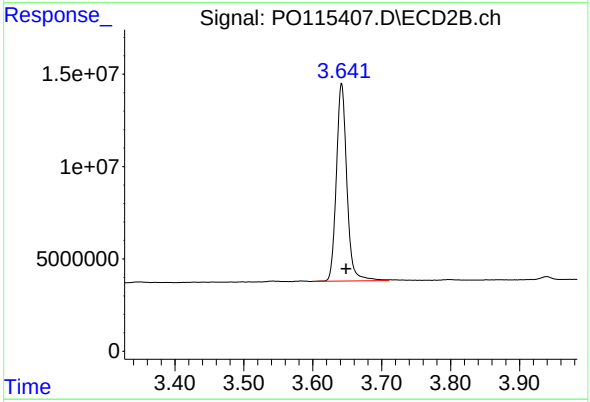
#1 Tetrachloro-m-xylene

R.T.: 4.338 min
Delta R.T.: -0.010 min
Response: 182889550
Conc: 25.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

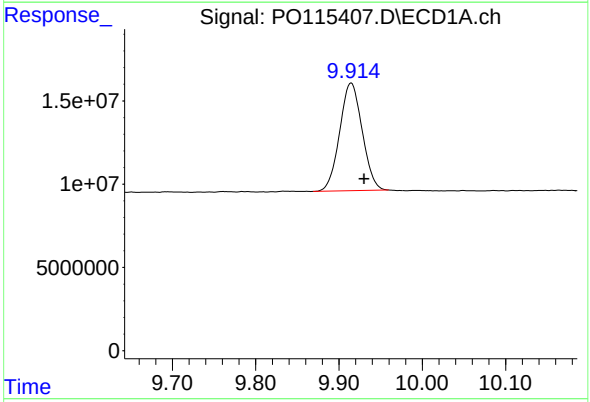
Manual Integrations APPROVED

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



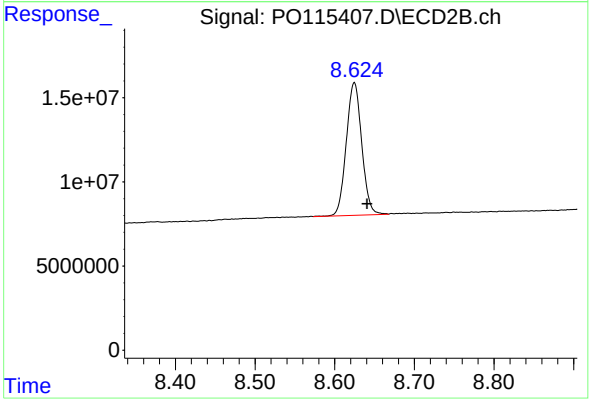
#1 Tetrachloro-m-xylene

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:	11/18/25
Project:	R37108	Date Received:	11/18/25
Client Sample ID:	PIBLK-PQ071272.D	SDG No.:	Q3673
Lab Sample ID:	I.BLK-PQ071272.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	11/18/25	PQ111825
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/18/25	PQ111825
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/18/25	PQ111825
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/18/25	PQ111825
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/18/25	PQ111825
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/18/25	PQ111825
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/18/25	PQ111825
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/18/25	PQ111825
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/18/25	PQ111825
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.9			60 - 140	110%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.7			60 - 140	109%	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_Q\Data\PQ111825\
Data File : PQ071272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 11:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 04:06:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.412	2.857	190.8E6	207.4E6	21.918	22.217
2)	SA Decachlor...	8.538	7.660	139.1E6	198.4E6	22.210	21.710
	Target Compounds						

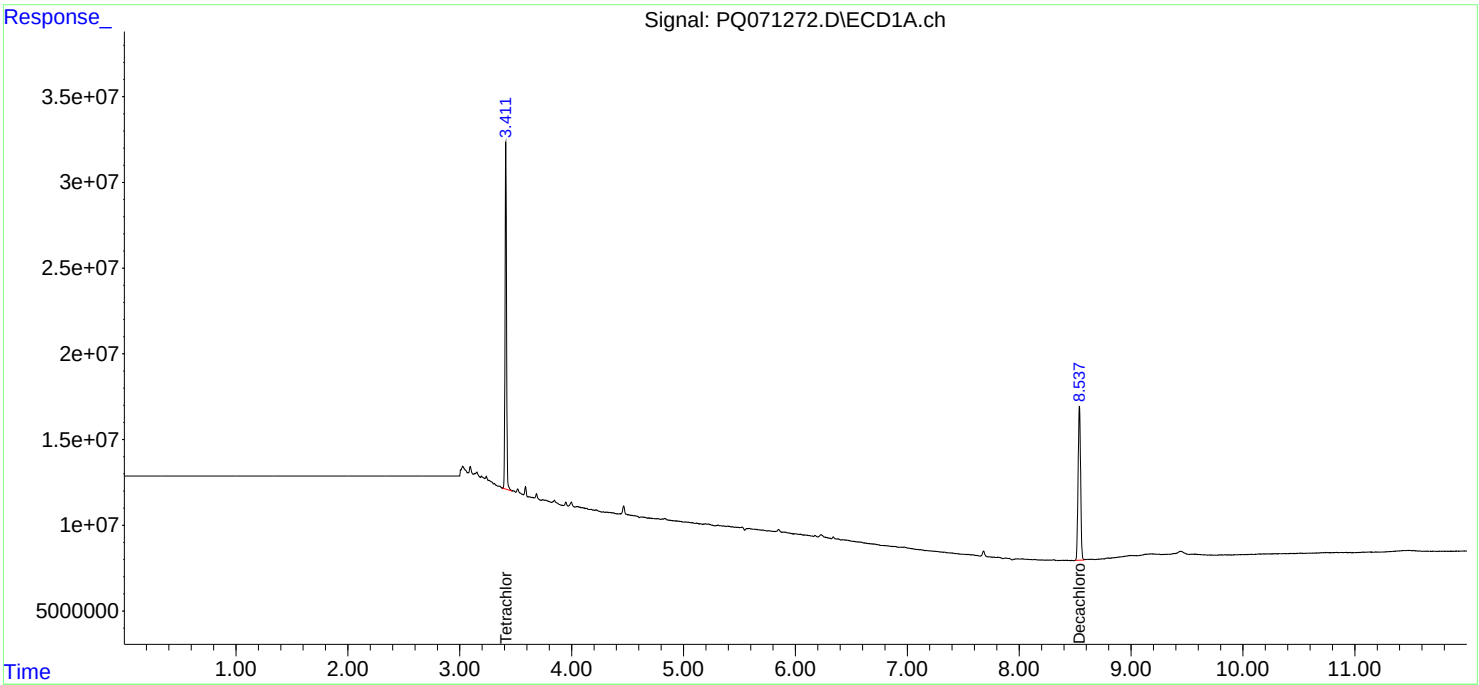
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

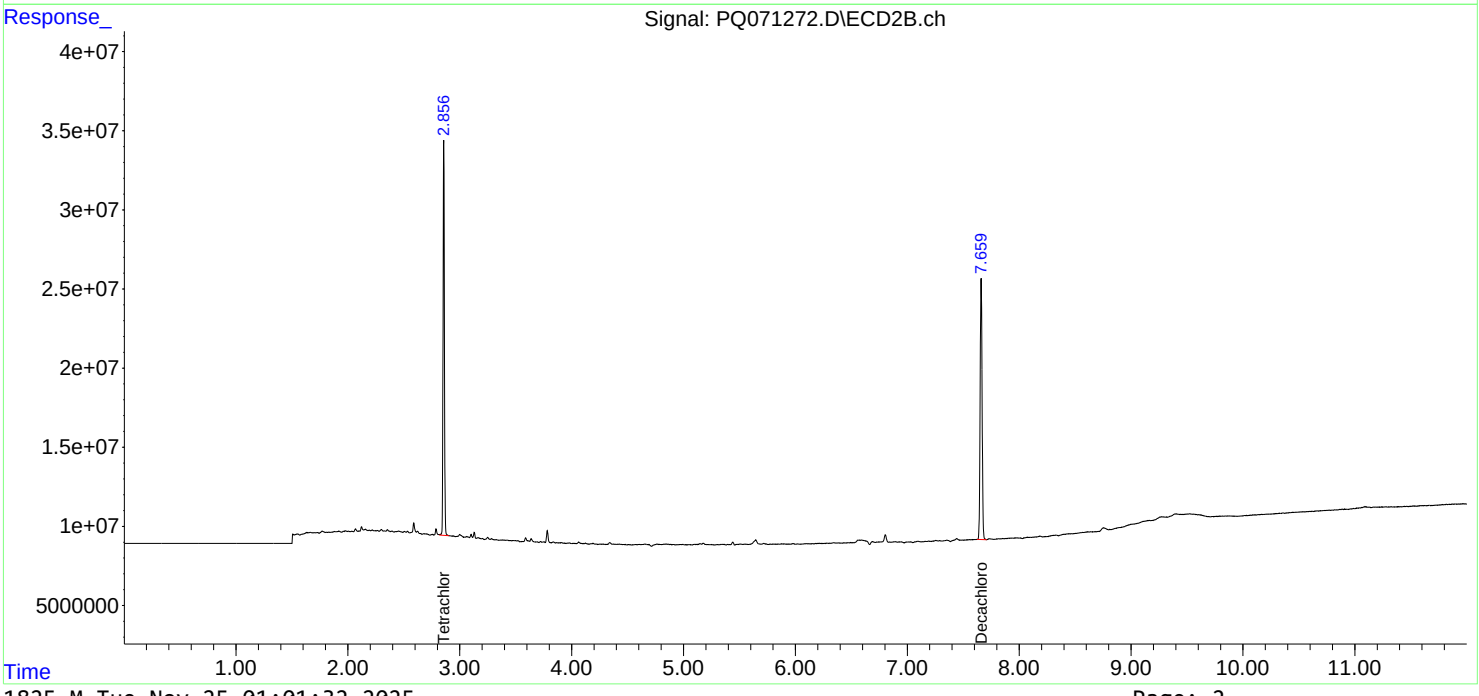
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 11:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

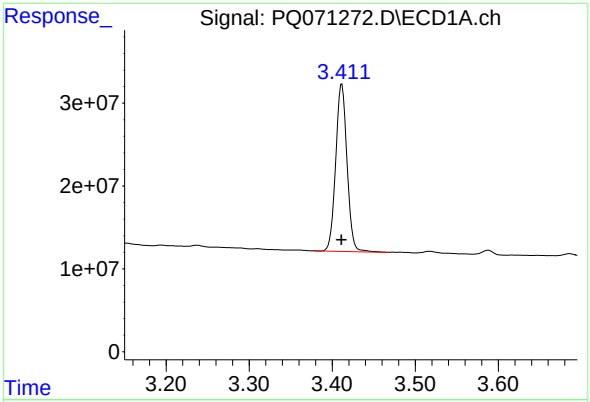
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 04:06:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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



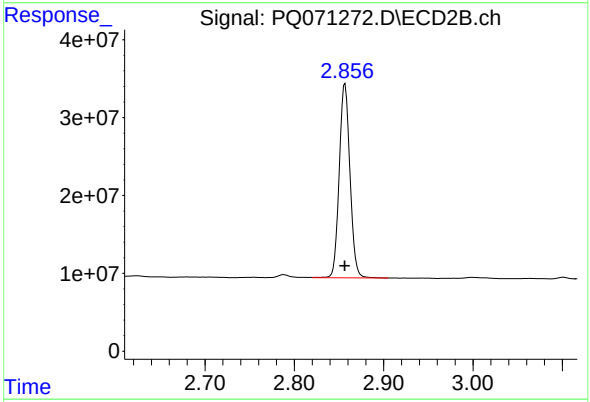




#1 Tetrachloro-m-xylene

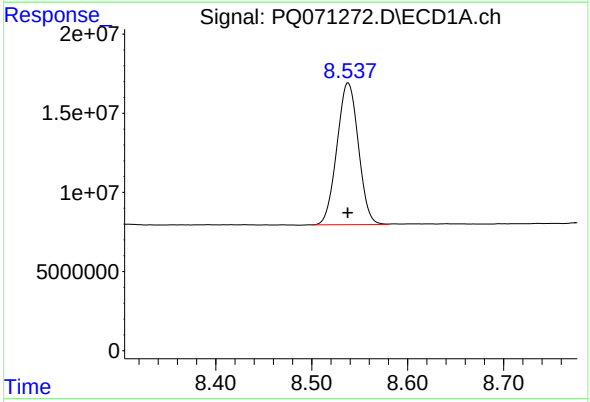
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 190802862
Conc: 21.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



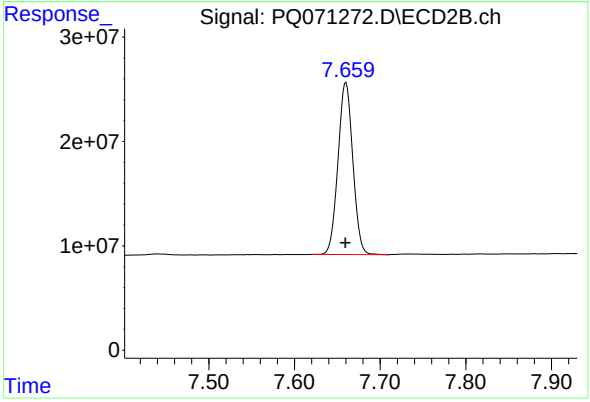
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 207437737
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 139066205
Conc: 22.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 198383710
Conc: 21.71 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:	11/20/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	PIBLK-PQ071365.D	SDG No.:	Q3673
Lab Sample ID:	I.BLK-PQ071365.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	11/20/25	pq112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/20/25	pq112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/20/25	pq112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/20/25	pq112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/20/25	pq112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/20/25	pq112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/20/25	pq112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/20/25	pq112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/20/25	pq112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.8			60 - 140	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.4			60 - 140	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_Q\Data\PQ112025\
Data File : PQ071365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 11:16
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:40:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.411	2.855	198.4E6	238.5E6	22.794	25.547
2)	SA Decachlor...	8.537	7.656	140.1E6	226.2E6	22.373	24.753
	Target Compounds						

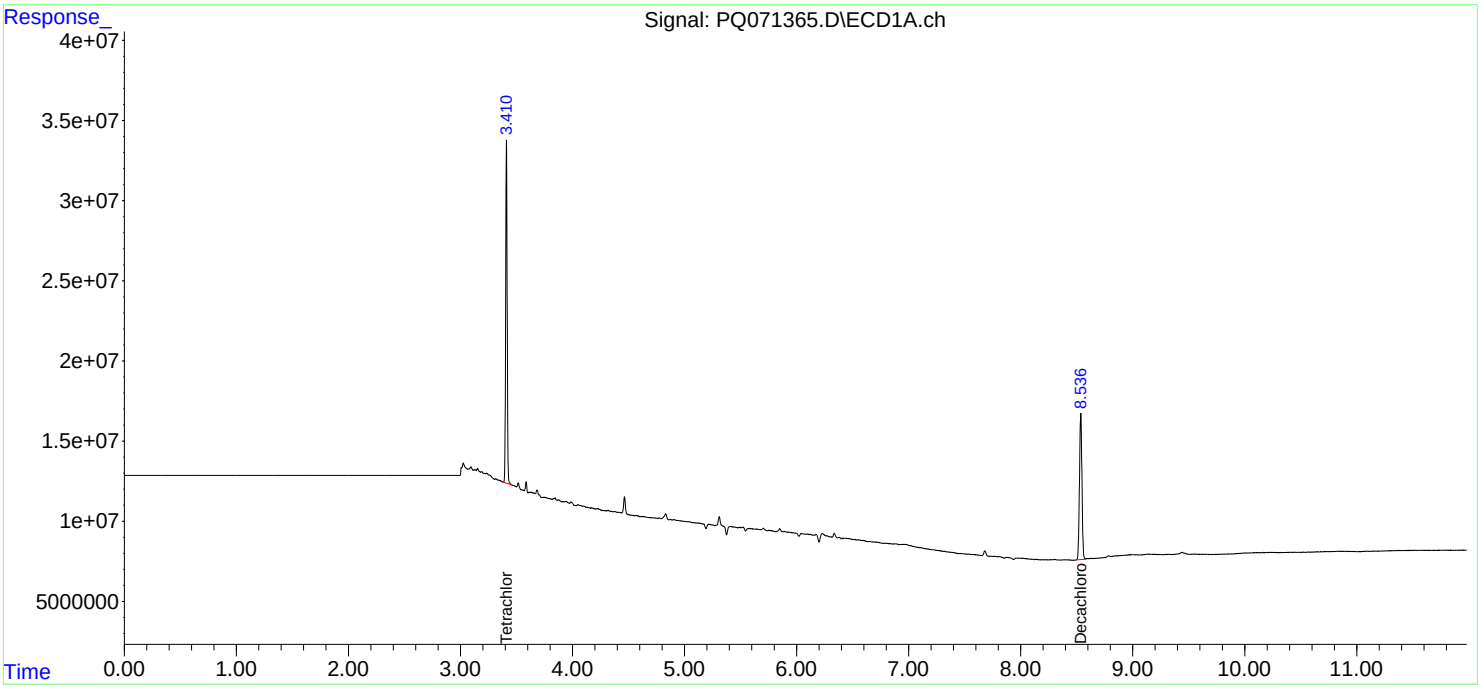
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

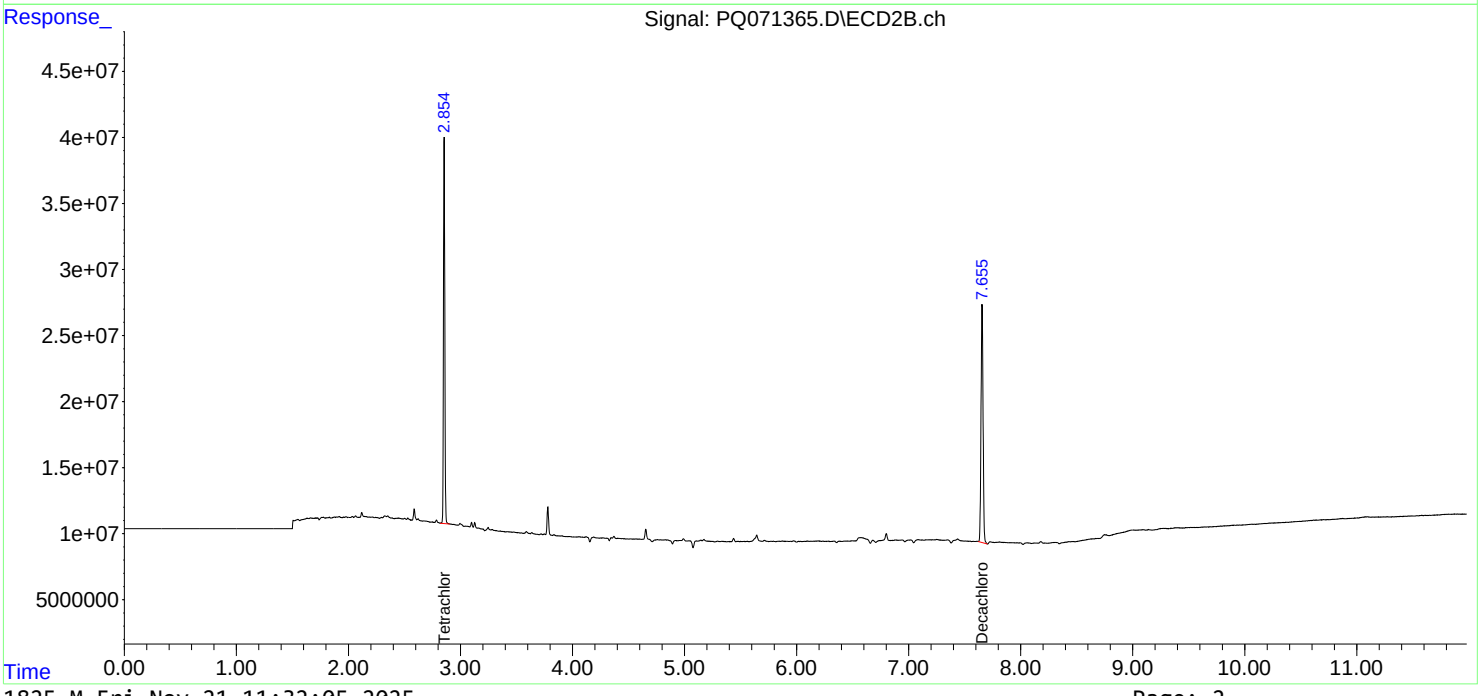
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 11:16
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

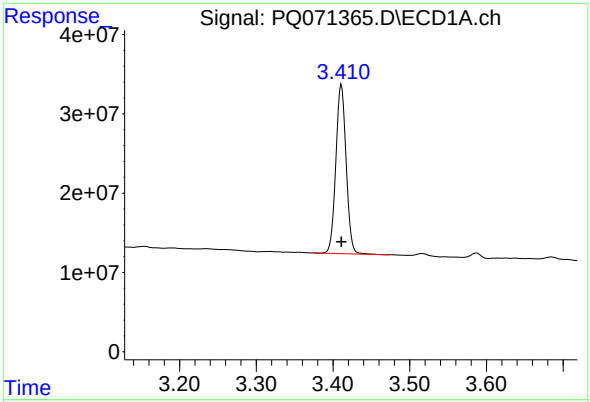
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:40:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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



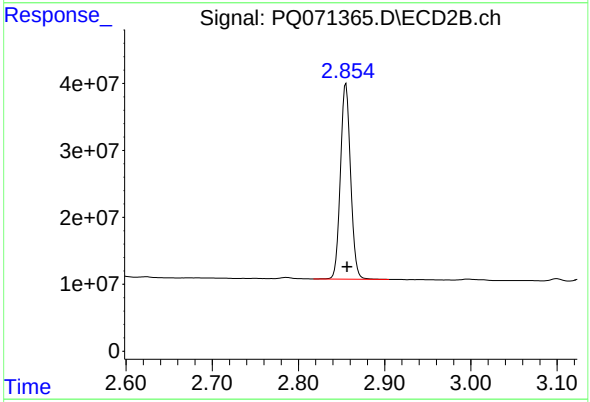




#1 Tetrachloro-m-xylene

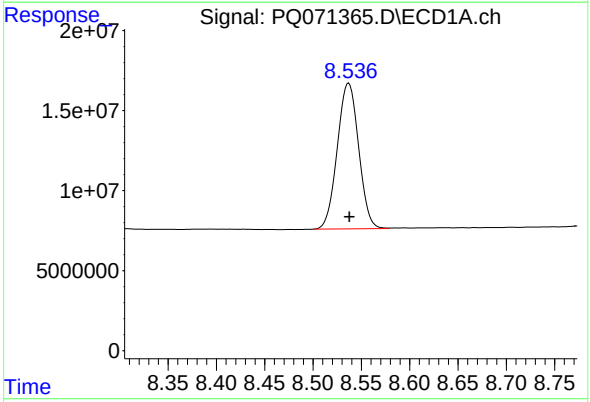
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 198426746
Conc: 22.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



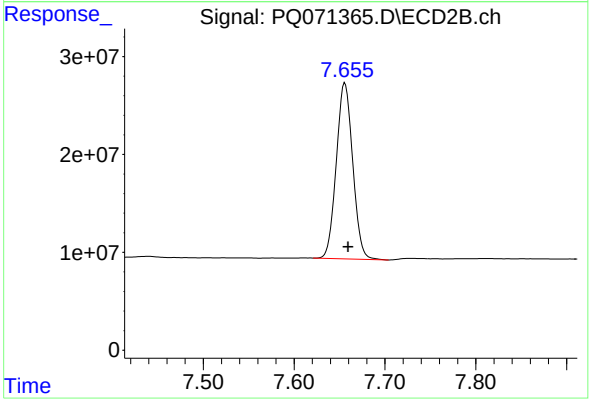
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 238525513
Conc: 25.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 140089921
Conc: 22.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 226181250
Conc: 24.75 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:	11/20/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	PIBLK-PQ071376.D	SDG No.:	Q3673
Lab Sample ID:	I.BLK-PQ071376.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	11/20/25	pq112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/20/25	pq112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/20/25	pq112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/20/25	pq112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/20/25	pq112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/20/25	pq112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/20/25	pq112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/20/25	pq112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/20/25	pq112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.3			60 - 140	117%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.7			60 - 140	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_Q\Data\PQ112025\
Data File : PQ071376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 16:40
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:43:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.410	2.855	202.8E6	253.0E6	23.302	27.094
2)	SA Decachlor...	8.537	7.655	142.3E6	242.8E6	22.724	26.575
	Target Compounds						

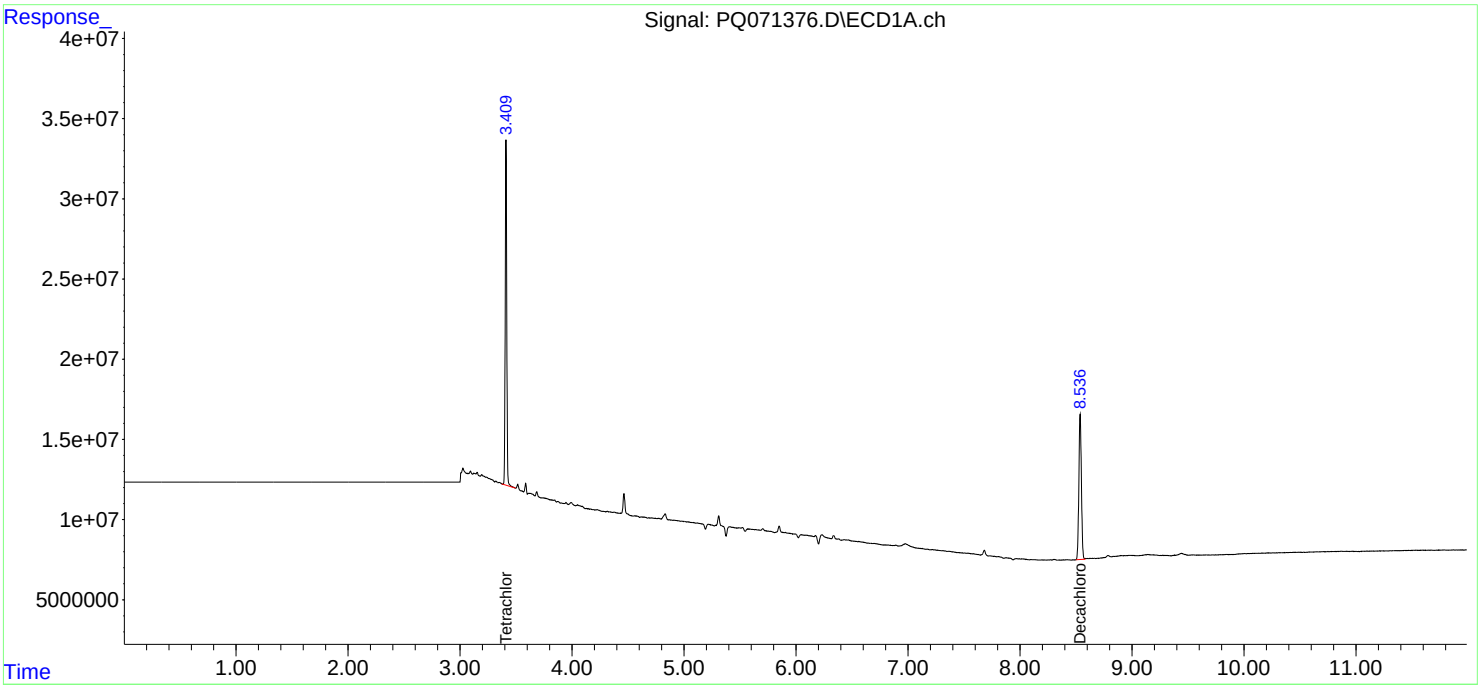
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

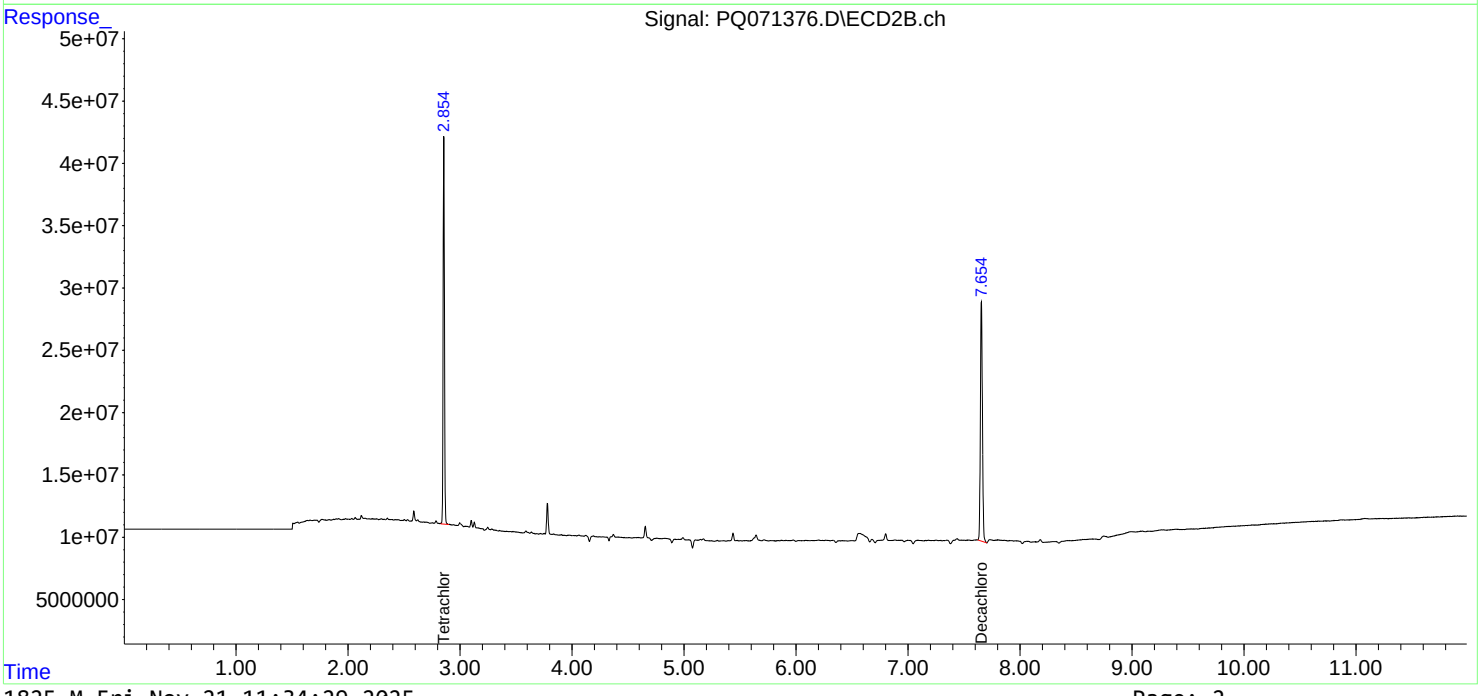
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 16:40
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

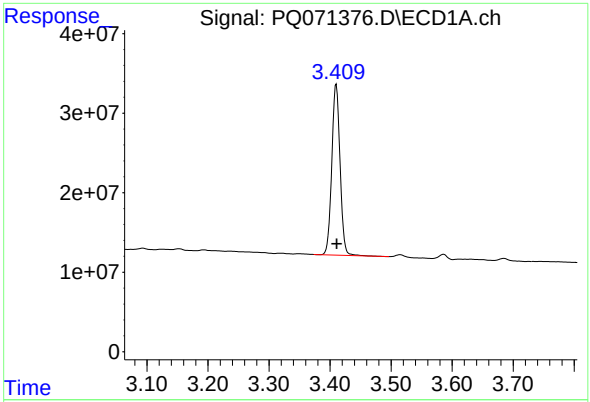
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:43:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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



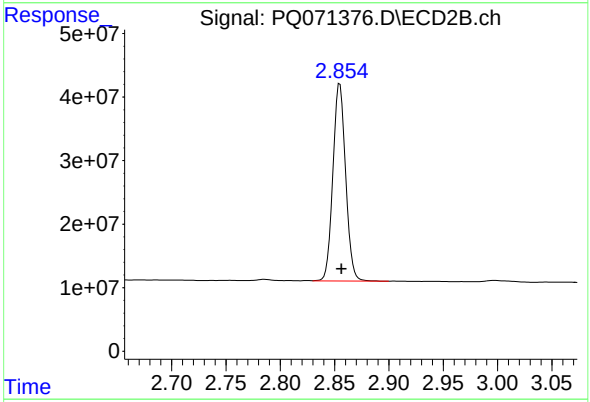




#1 Tetrachloro-m-xylene

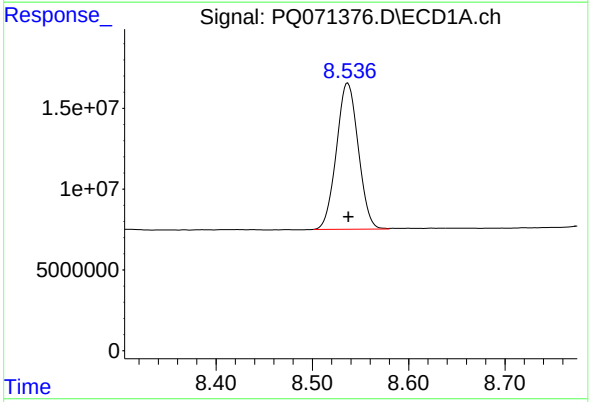
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 202843968
Conc: 23.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



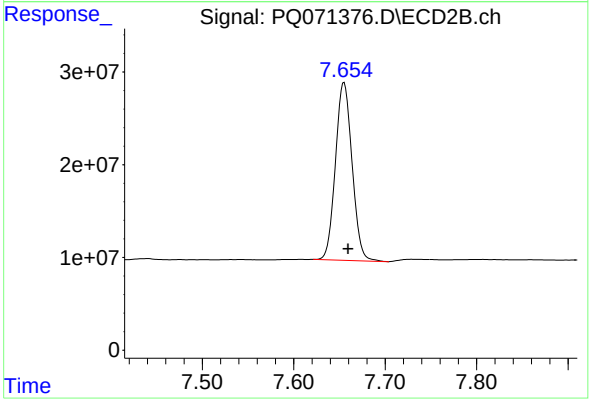
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 252970415
Conc: 27.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 142284469
Conc: 22.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 242834598
Conc: 26.58 ng/ml

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/20/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	PIBLK-PQ071387.D	SDG No.:	Q3673
Lab Sample ID:	I.BLK-PQ071387.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	11/20/25	pq112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/20/25	pq112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/20/25	pq112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/20/25	pq112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/20/25	pq112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/20/25	pq112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/20/25	pq112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/20/25	pq112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/20/25	pq112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.4			60 - 140	117%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.2			60 - 140	111%	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_Q\Data\PQ112025\
Data File : PQ071387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:47:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.410	2.855	203.7E6	255.7E6	23.403	27.387
2)	SA Decachlor...	8.535	7.656	139.1E6	244.8E6	22.221	26.791
	Target Compounds						

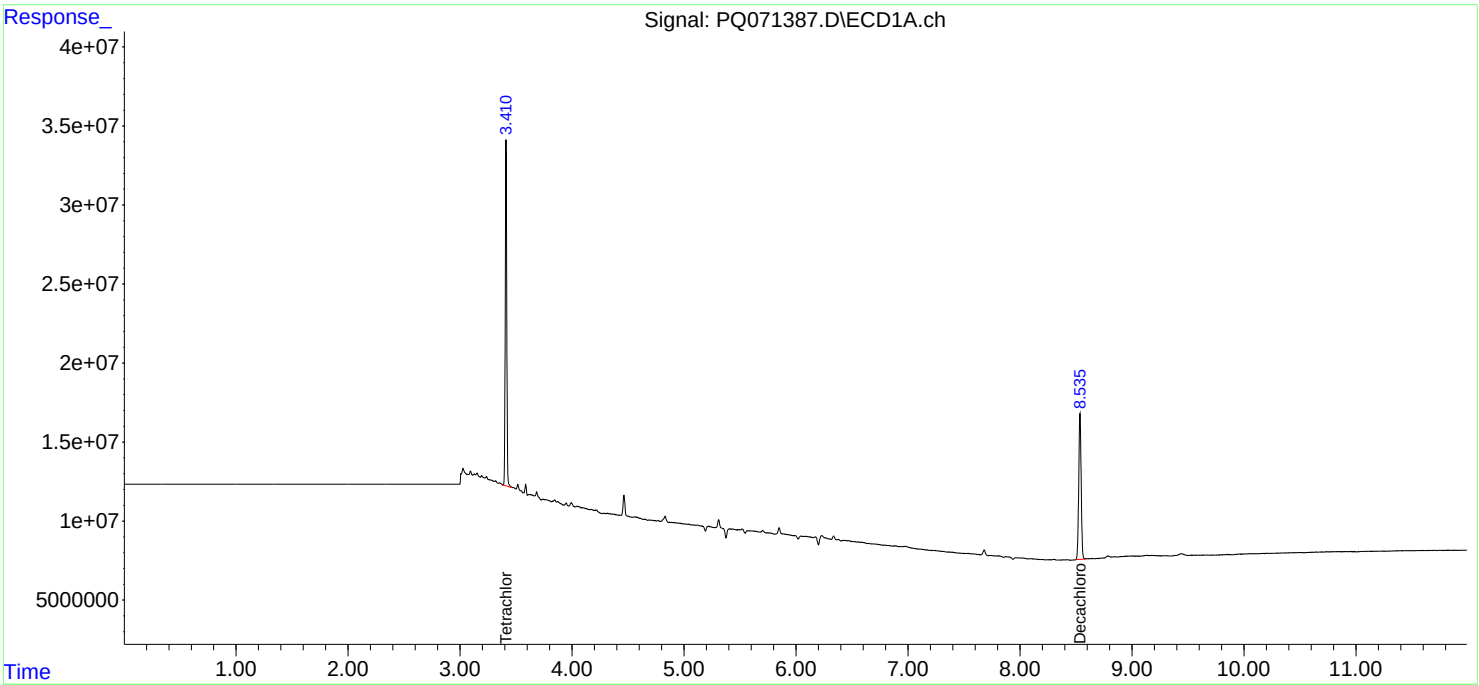
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

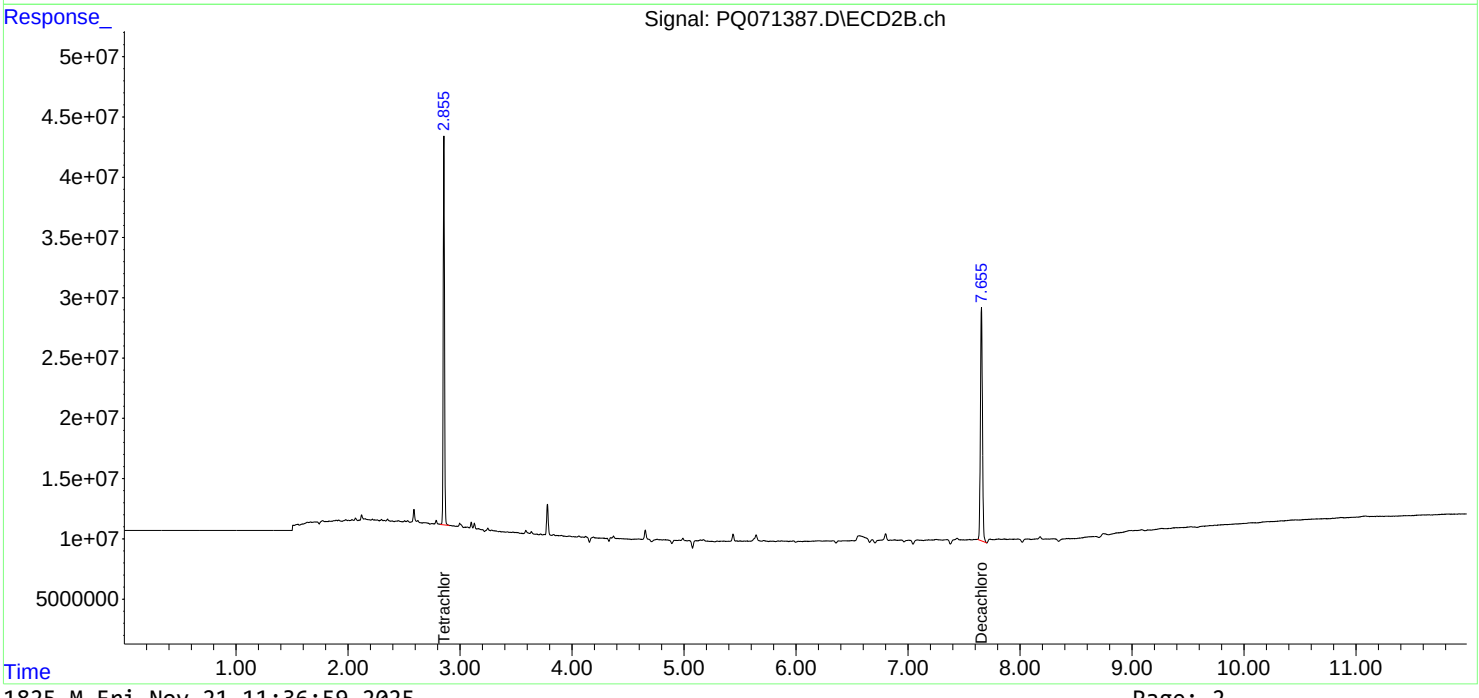
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

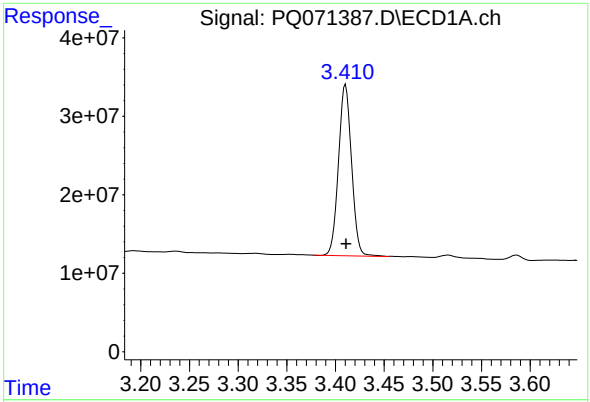
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:47:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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



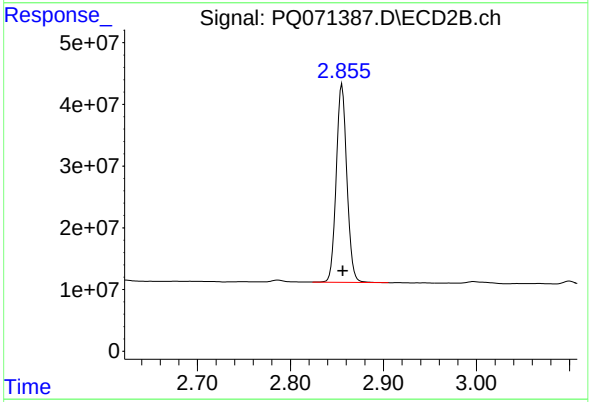




#1 Tetrachloro-m-xylene

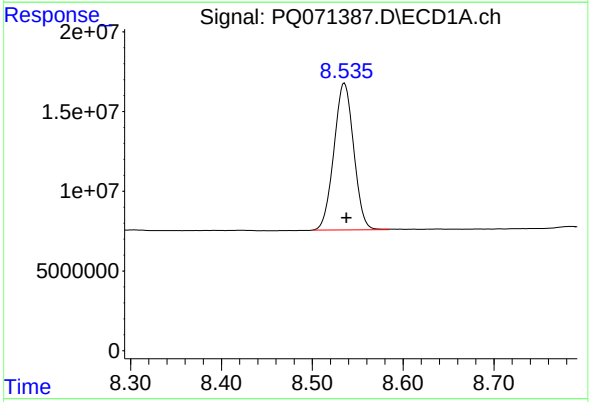
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 203730931
Conc: 23.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



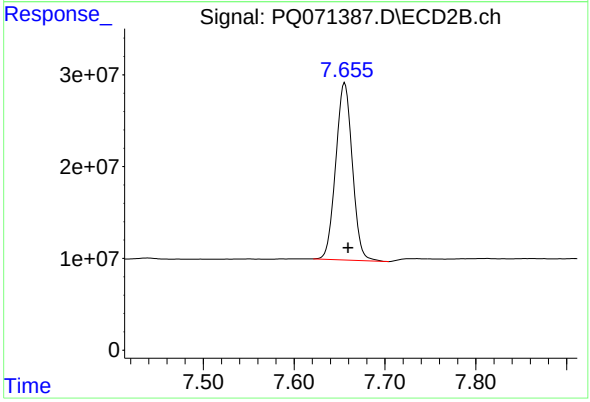
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.000 min
Response: 255700432
Conc: 27.39 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 139139353
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 244804448
Conc: 26.79 ng/ml

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R37108	Date Received:	
Client Sample ID:	PB170650BS	SDG No.:	Q3673
Lab Sample ID:	PB170650BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	162		1	3.90	17.0	ug/kg	11/20/25 16:54	PB170650
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	11/20/25 16:54	PB170650
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	11/20/25 16:54	PB170650
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	11/20/25 16:54	PB170650
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	11/20/25 16:54	PB170650
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	11/20/25 16:54	PB170650
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	11/20/25 16:54	PB170650
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	11/20/25 16:54	PB170650
11096-82-5	Aroclor-1260	158		1	3.20	17.0	ug/kg	11/20/25 16:54	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.1			21 - 165	116%	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_Q\Data\PQ112025\
Data File : PQ071377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 16:54
Operator : YP\AJ
Sample : PB170650BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170650BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:44:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.410	2.855	183.2E6	216.0E6	21.049	23.133
2)	SA Decachlor...	8.536	7.656	122.7E6	207.7E6	19.601	22.731
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.869	143.6E6	177.4E6	434.359	489.984
4)	L1 AR-1016-2	4.515	3.886	208.8E6	245.7E6	439.041	500.202
5)	L1 AR-1016-3	4.572	4.048	129.5E6	135.4E6	433.763	487.132
6)	L1 AR-1016-4	4.663	4.096	107.3E6	106.0E6	436.799	472.618
7)	L1 AR-1016-5	4.948	4.293	99989139	132.3E6	422.939	475.066
31)	L7 AR-1260-1	6.042	5.294	188.8E6	247.7E6	421.899	496.502
32)	L7 AR-1260-2	6.299	5.483	222.8E6	304.7E6	436.011	502.534
33)	L7 AR-1260-3	6.651	5.626	139.9E6	296.2E6	365.550	500.997 #
34)	L7 AR-1260-4	6.866	6.090	162.5E6	216.6E6	388.646	437.220
35)	L7 AR-1260-5	7.173	6.334	319.0E6	496.7E6	383.360	432.534

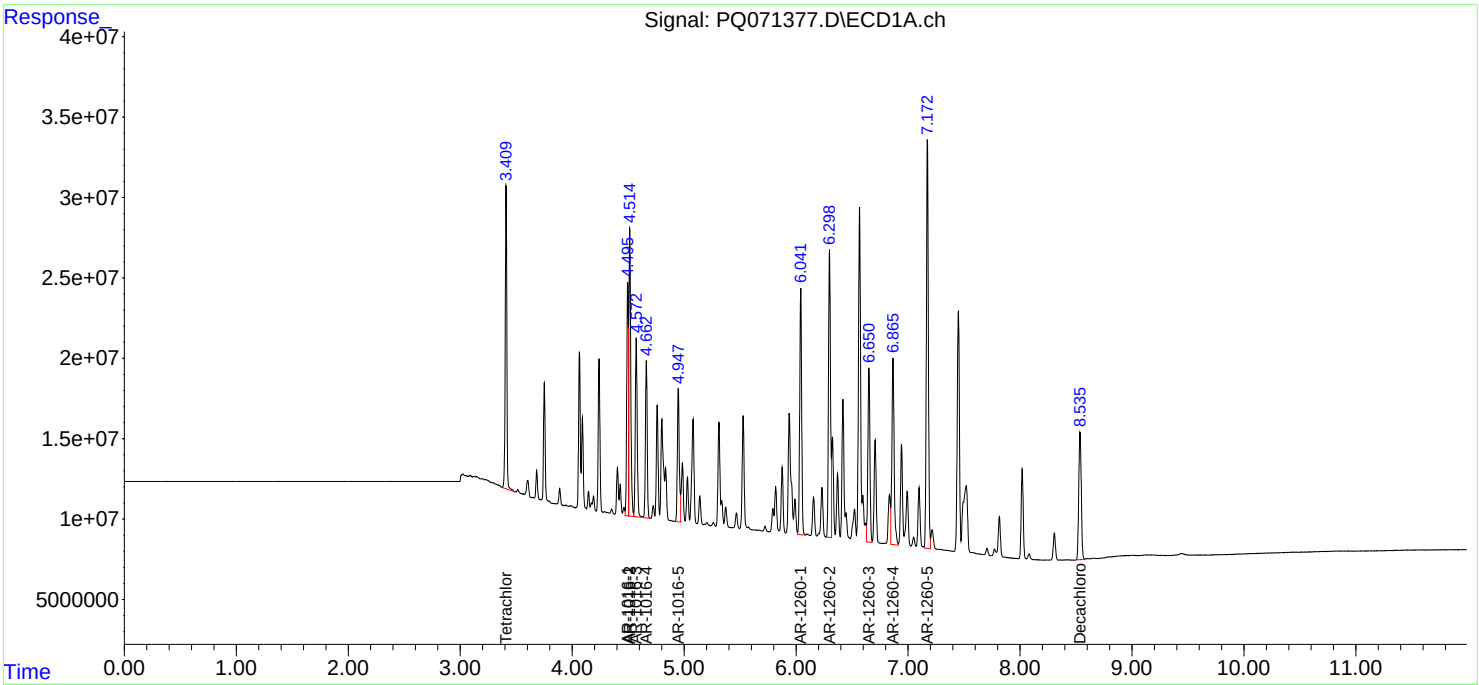
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

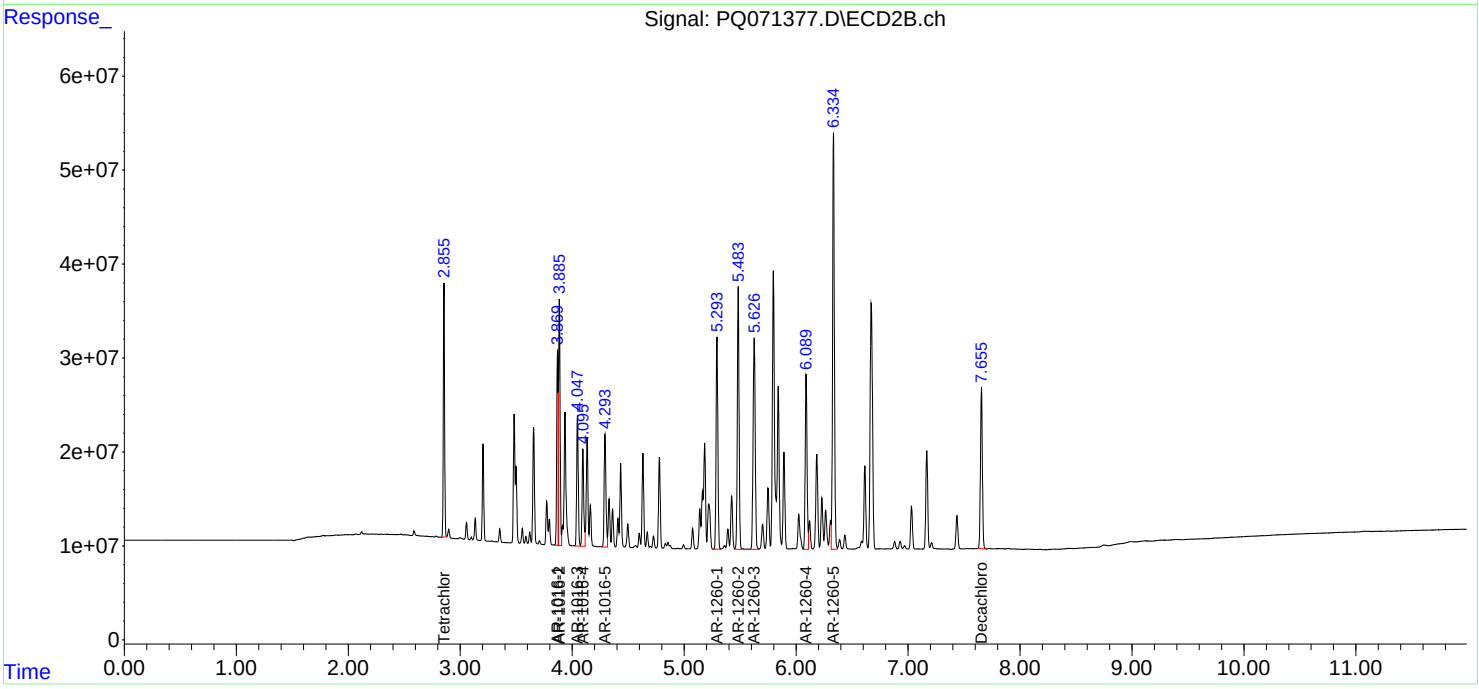
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 16:54
Operator : YP\AJ
Sample : PB170650BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

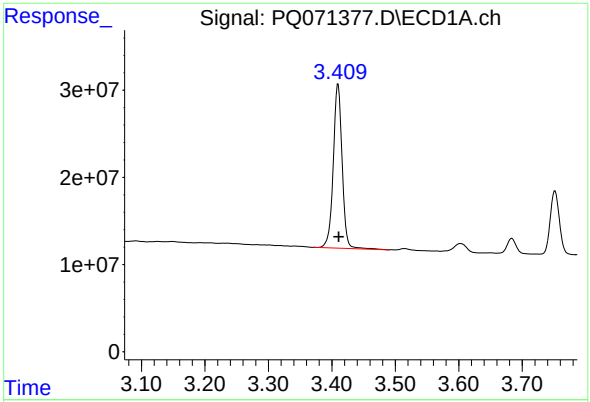
Instrument :
ECD_Q
ClientSampleId :
PB170650BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:44:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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



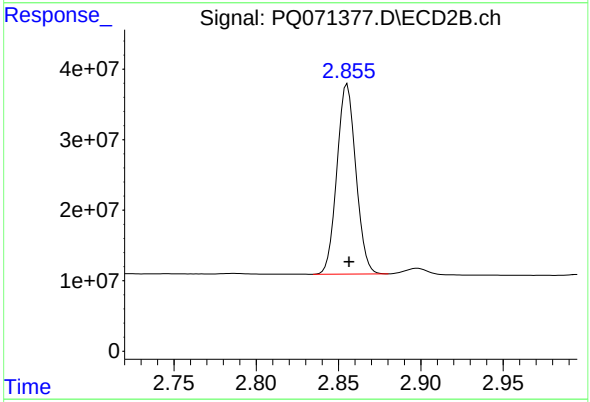




#1 Tetrachloro-m-xylene

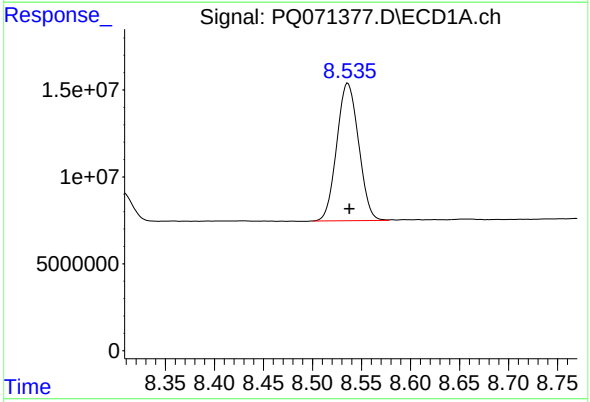
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 183232659
Conc: 21.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170650BS



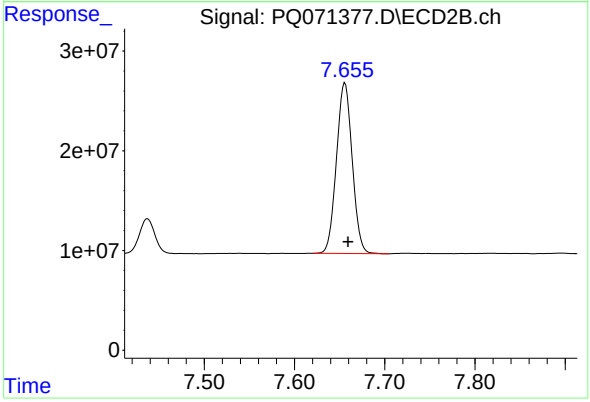
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 215981623
Conc: 23.13 ng/ml



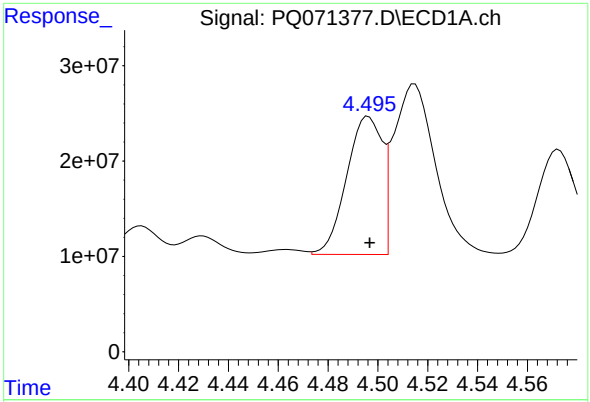
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 122730034
Conc: 19.60 ng/ml



#2 Decachlorobiphenyl

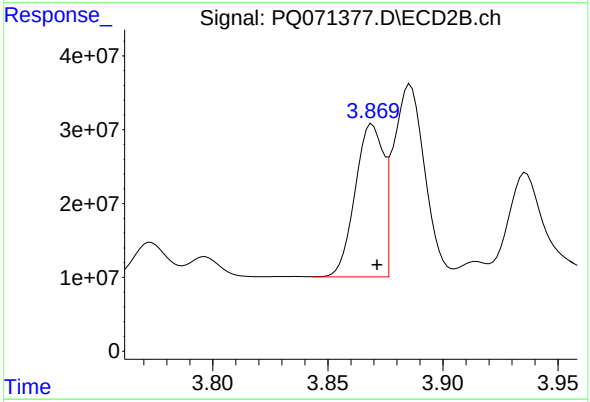
R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 207713091
Conc: 22.73 ng/ml



#3 AR-1016-1

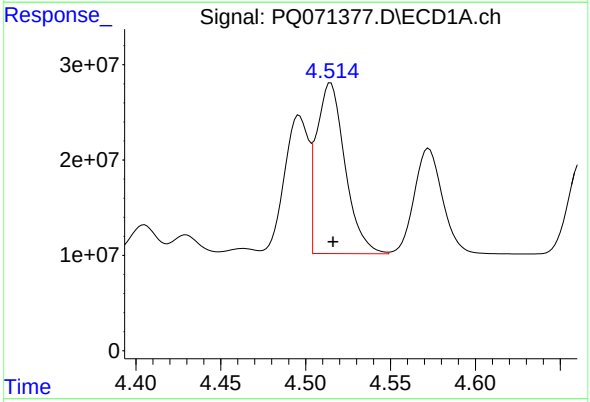
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 143577122
Conc: 434.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170650BS



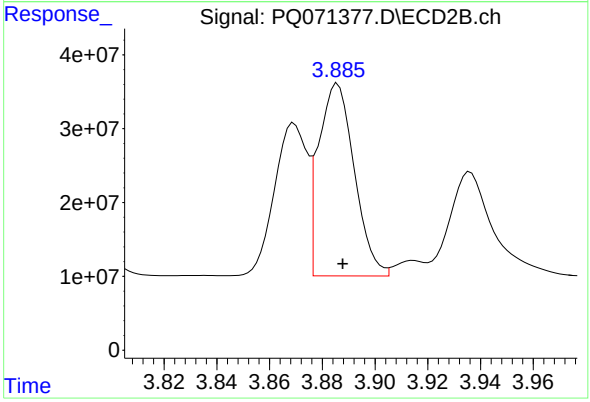
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 177434439
Conc: 489.98 ng/ml



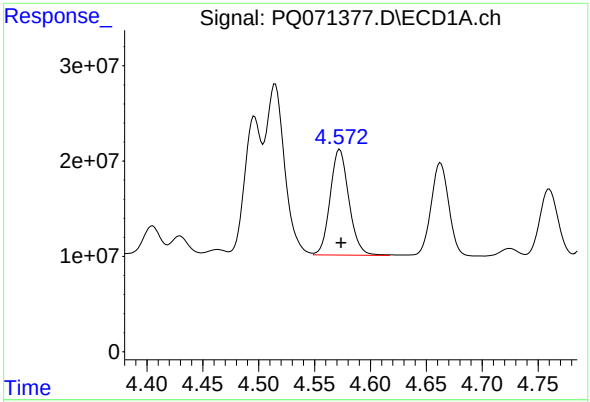
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 208816801
Conc: 439.04 ng/ml



#4 AR-1016-2

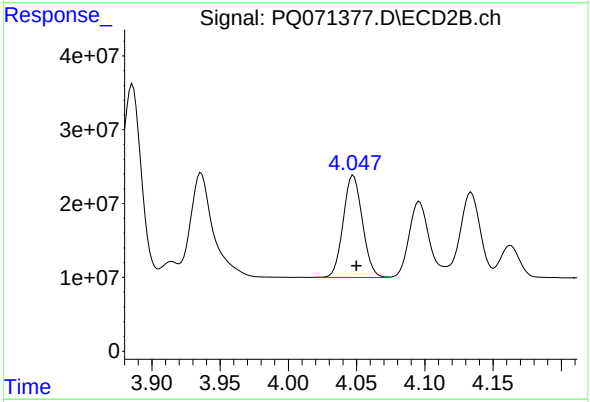
R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 245690257
Conc: 500.20 ng/ml



#5 AR-1016-3

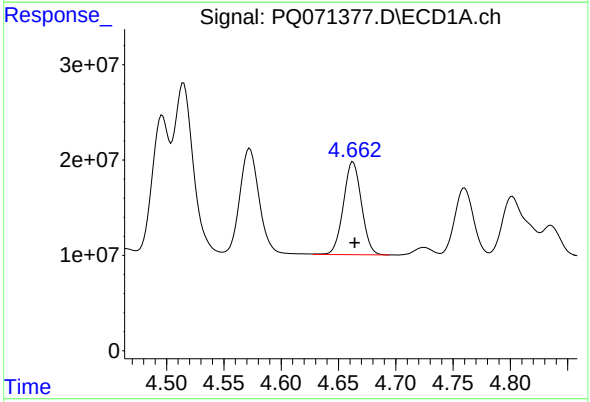
R.T.: 4.572 min
Delta R.T.: -0.001 min
Response: 129460326
Conc: 433.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170650BS



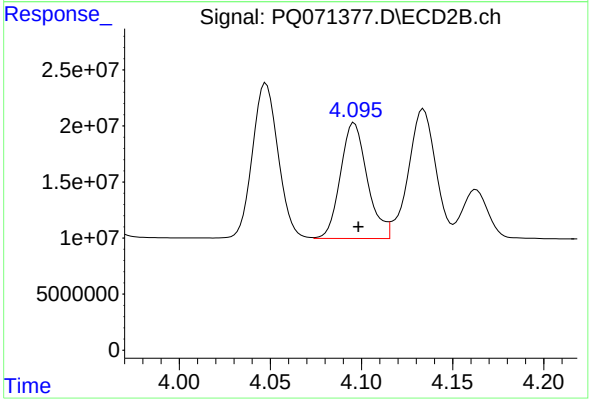
#5 AR-1016-3

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 135418728
Conc: 487.13 ng/ml



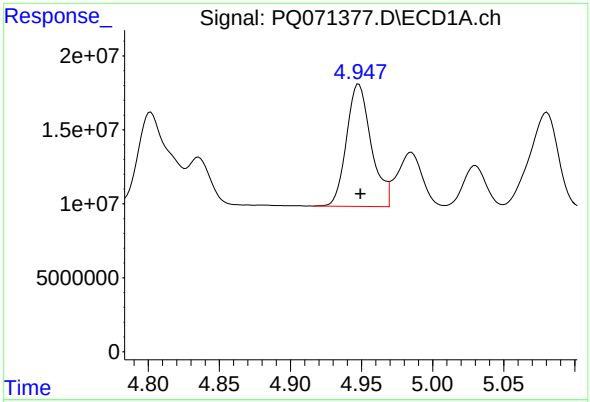
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 107254775
Conc: 436.80 ng/ml



#6 AR-1016-4

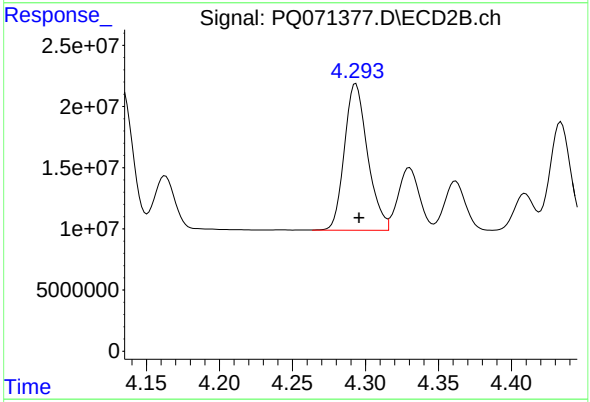
R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 105983782
Conc: 472.62 ng/ml



#7 AR-1016-5

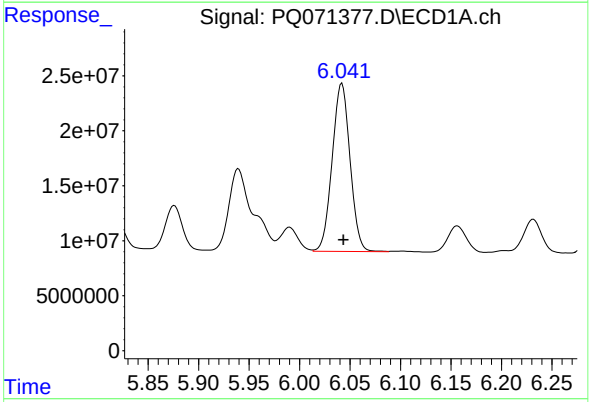
R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 99989139
Conc: 422.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170650BS



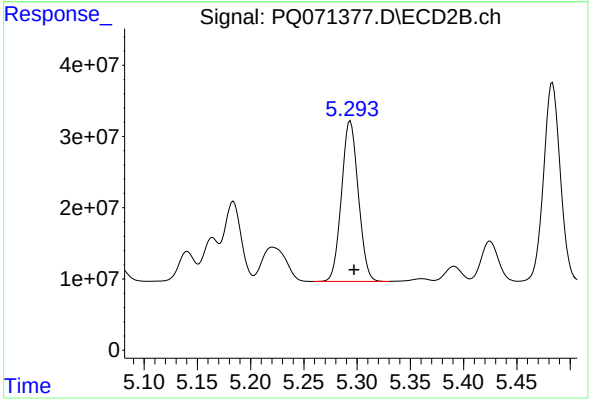
#7 AR-1016-5

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 132338146
Conc: 475.07 ng/ml



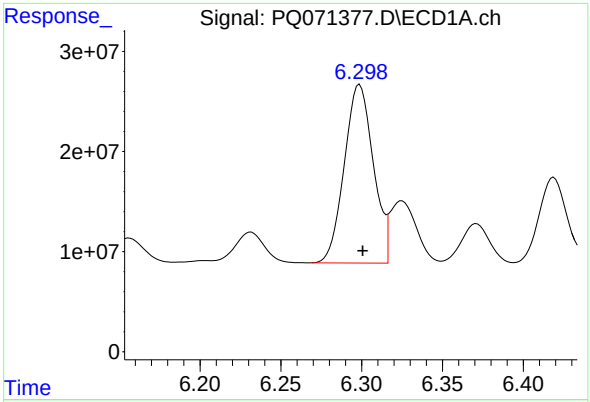
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 188798696
Conc: 421.90 ng/ml



#31 AR-1260-1

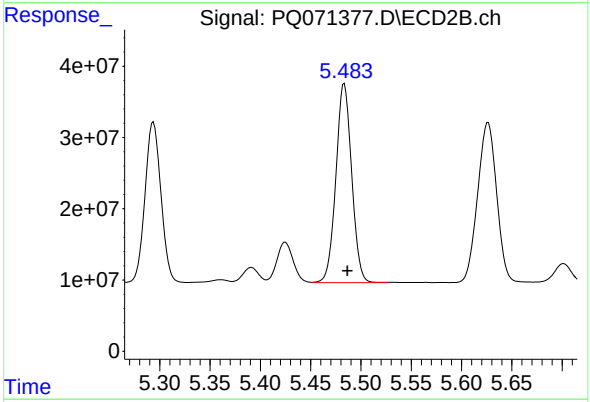
R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 247717958
Conc: 496.50 ng/ml



#32 AR-1260-2

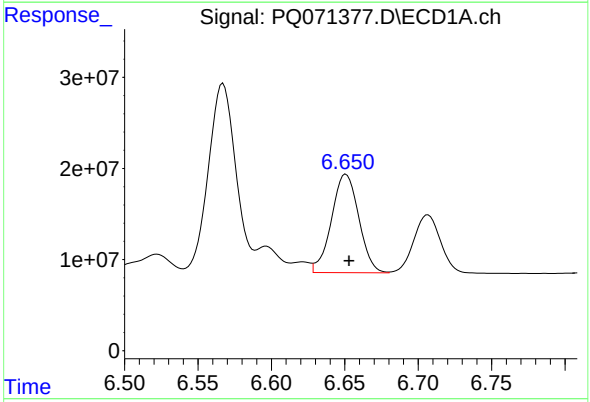
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 222764185
Conc: 436.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170650BS



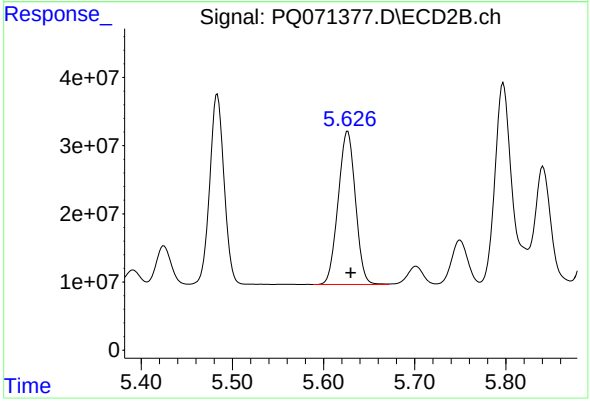
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 304724472
Conc: 502.53 ng/ml



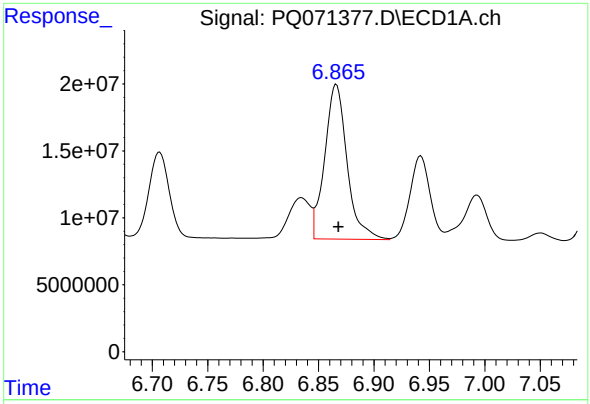
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 139908452
Conc: 365.55 ng/ml



#33 AR-1260-3

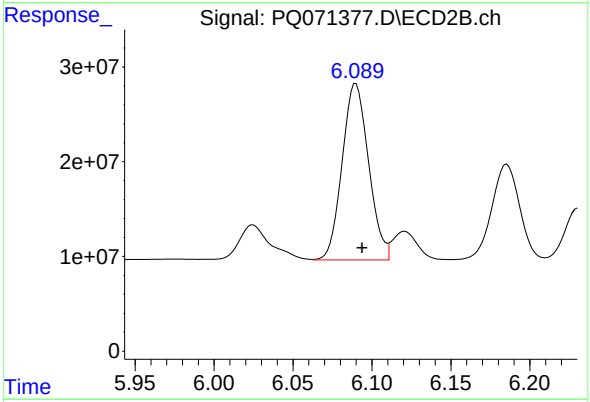
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 296181452
Conc: 501.00 ng/ml



#34 AR-1260-4

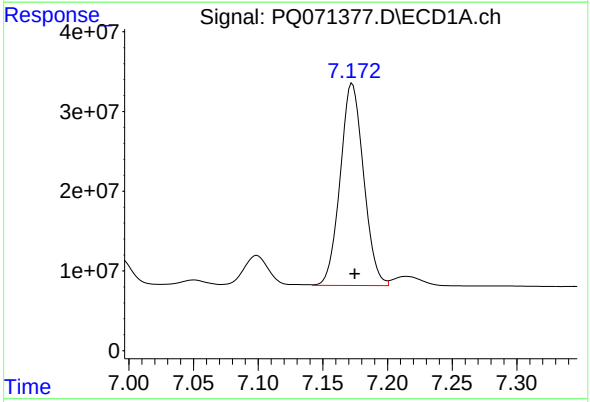
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 162510243
Conc: 388.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170650BS



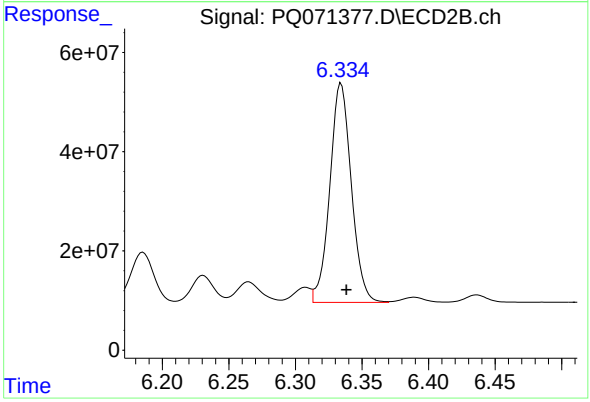
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 216589460
Conc: 437.22 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 319046806
Conc: 383.36 ng/ml



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 496672848
Conc: 432.53 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:	11/19/25
Client Sample ID:	ETGI-354MS	SDG No.:	Q3673
Lab Sample ID:	Q3681-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.3
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	183		1	4.70	20.4	ug/kg	11/20/25 18:22	PB170650
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/20/25 18:22	PB170650
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/20/25 18:22	PB170650
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/20/25 18:22	PB170650
12672-29-6	Aroclor-1248	20.4	U	1	7.10	20.4	ug/kg	11/20/25 18:22	PB170650
11097-69-1	Aroclor-1254	20.4	U	1	3.90	20.4	ug/kg	11/20/25 18:22	PB170650
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/20/25 18:22	PB170650
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/20/25 18:22	PB170650
11096-82-5	Aroclor-1260	186		1	3.90	20.4	ug/kg	11/20/25 18:22	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.7			21 - 165	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.9			10 - 170	75%	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_Q\Data\PQ112025\
Data File : PQ071383.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 18:22
Operator : YP\AJ
Sample : Q3681-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:45:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.410	2.856	116.4E6	174.9E6	13.376m	18.734 #
2)	SA Decachlor...	8.536	7.656	77483538	136.6E6	12.375	14.951
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.868	139.3E6	173.0E6	421.510m	477.798m
4)	L1 AR-1016-2	4.515	3.885	182.9E6	223.7E6	384.478m	455.456m
5)	L1 AR-1016-3	4.572	4.047	119.1E6	133.3E6	399.004m	479.611m
6)	L1 AR-1016-4	4.662	4.095	104.3E6	87409774	424.680m	389.790m
7)	L1 AR-1016-5	4.948	4.293	95938083	136.5E6	405.804m	489.891
31)	L7 AR-1260-1	6.042	5.295	179.4E6	242.0E6	400.832	484.981
32)	L7 AR-1260-2	6.299	5.484	211.6E6	298.6E6	414.101	492.394
33)	L7 AR-1260-3	6.651	5.627	130.4E6	289.9E6	340.653	490.419 #
34)	L7 AR-1260-4	6.866	6.090	152.8E6	210.7E6	365.421	425.403
35)	L7 AR-1260-5	7.174	6.335	296.8E6	492.1E6	356.661	428.558

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071383.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 18:22
Operator : YP\AJ
Sample : Q3681-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

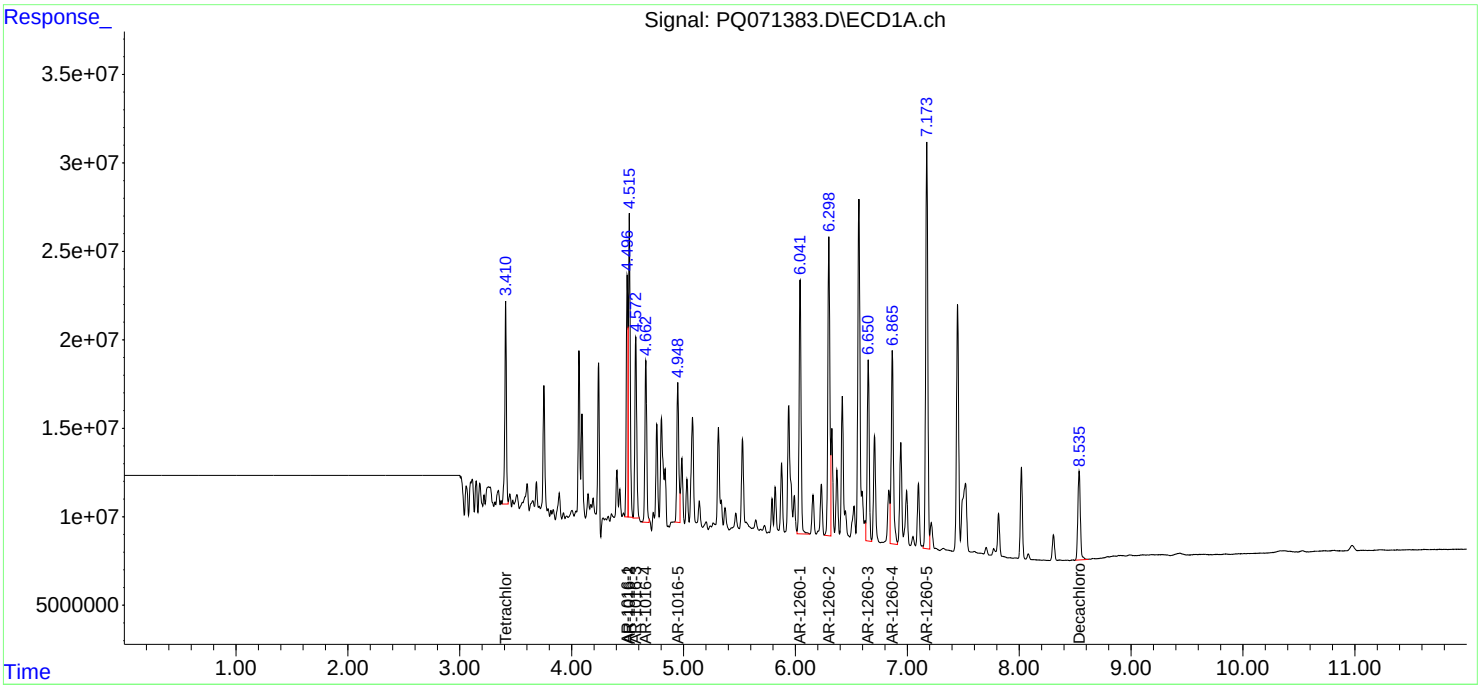
Instrument :
ECD_Q
ClientSampleId :
ETGI-354MS

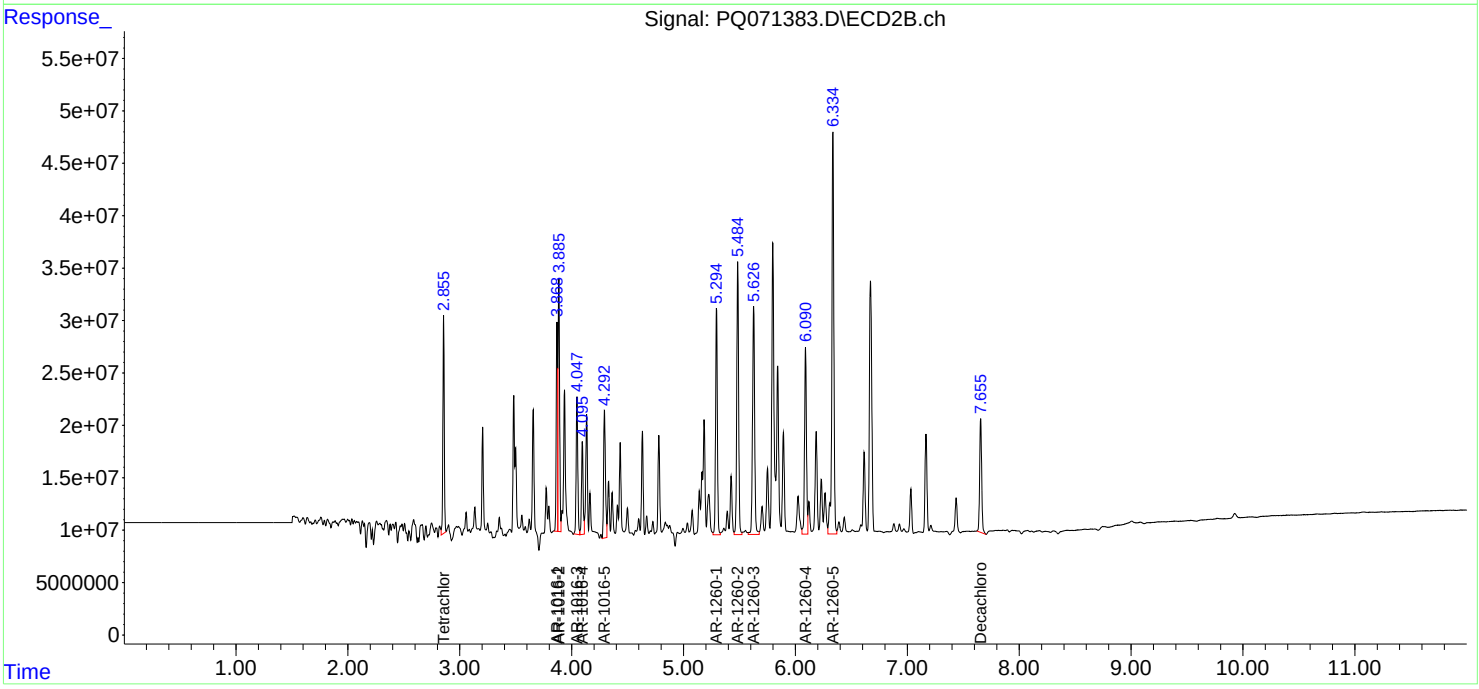
Manual Integrations APPROVED

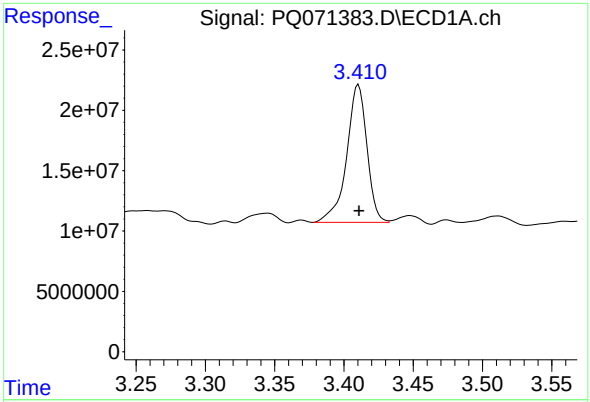
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:45:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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







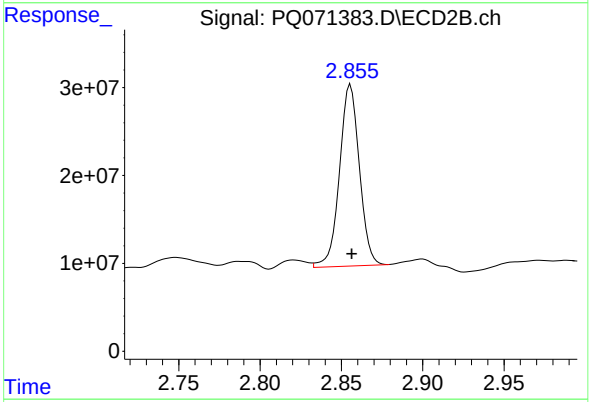
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 116439946
Conc: 13.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MS

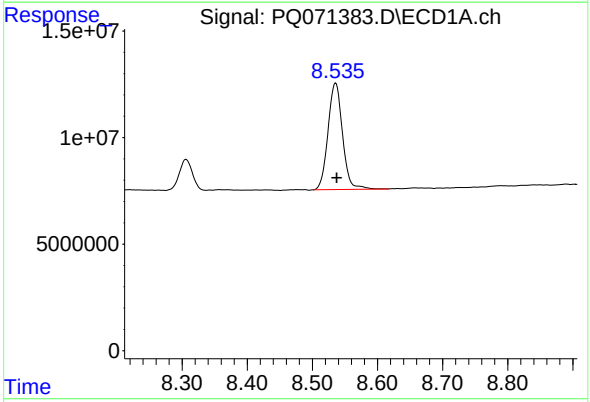
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



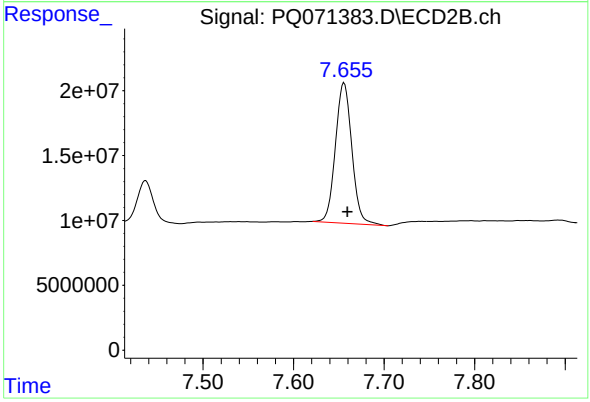
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 174915114
Conc: 18.73 ng/ml



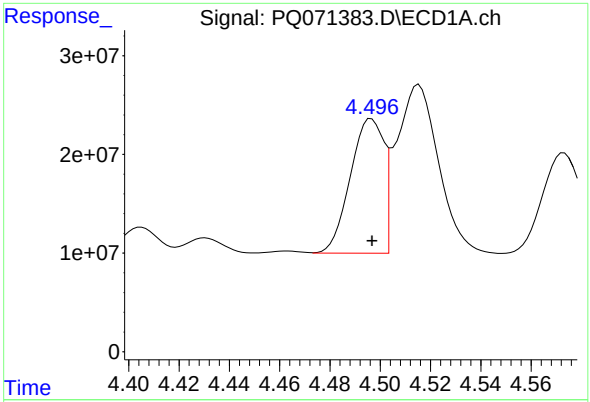
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 77483538
Conc: 12.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 136619004
Conc: 14.95 ng/ml



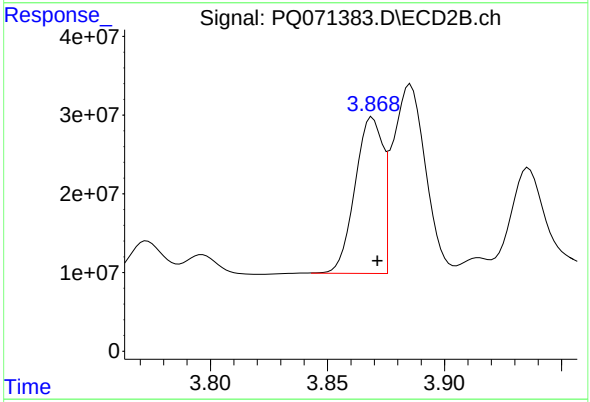
#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 139329922
Conc: 421.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MS

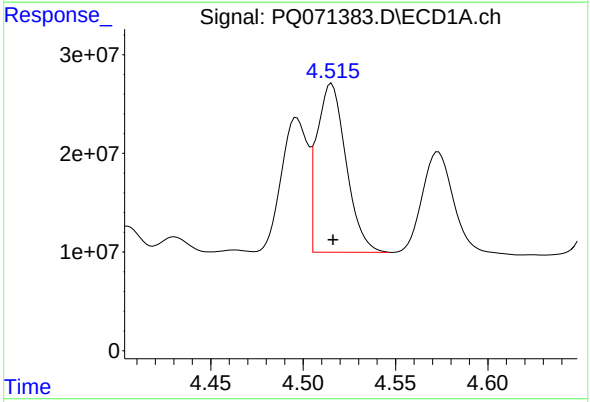
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



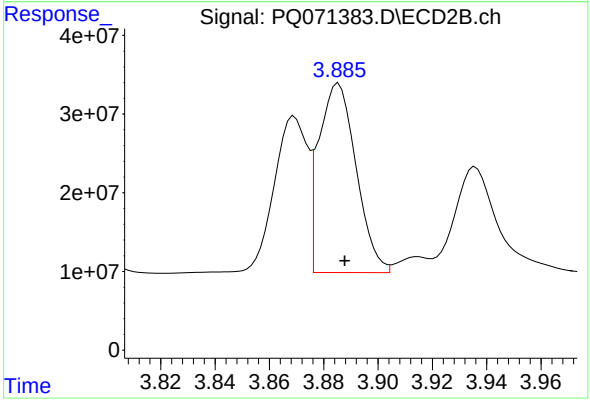
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 173021740
Conc: 477.80 ng/ml m



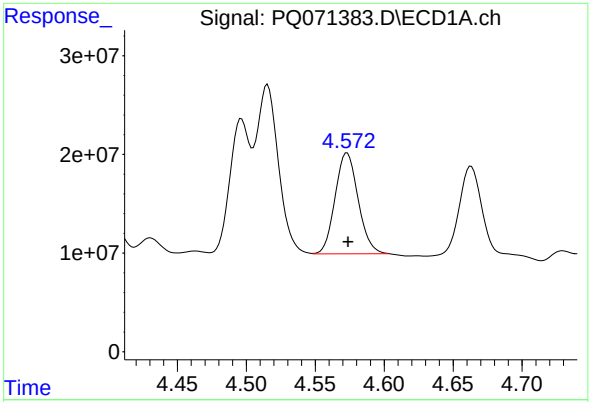
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 182865462
Conc: 384.48 ng/ml m



#4 AR-1016-2

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 223711855
Conc: 455.46 ng/ml m



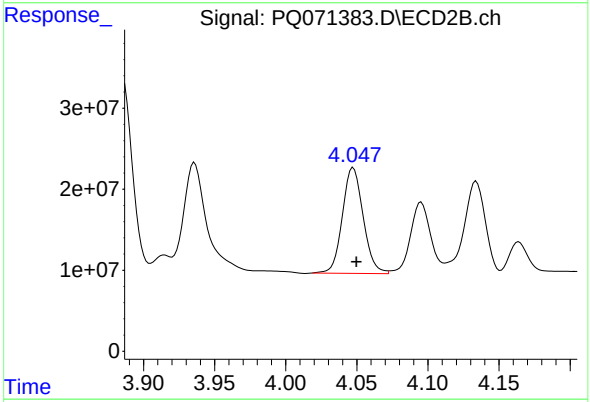
#5 AR-1016-3

R.T.: 4.572 min
Delta R.T.: -0.001 min
Response: 119086026
Conc: 399.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MS

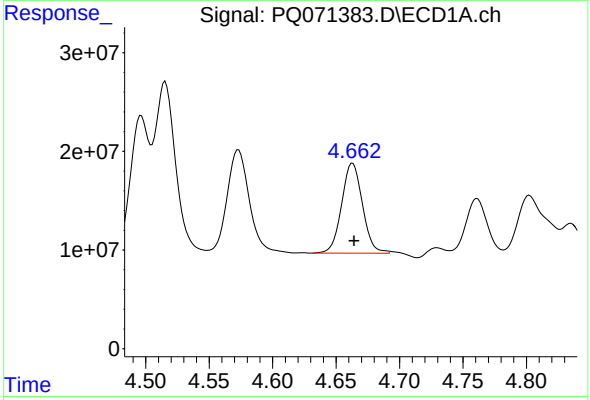
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



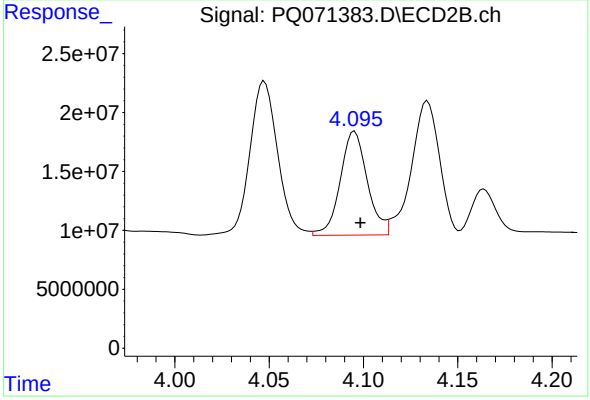
#5 AR-1016-3

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 133327867
Conc: 479.61 ng/ml m



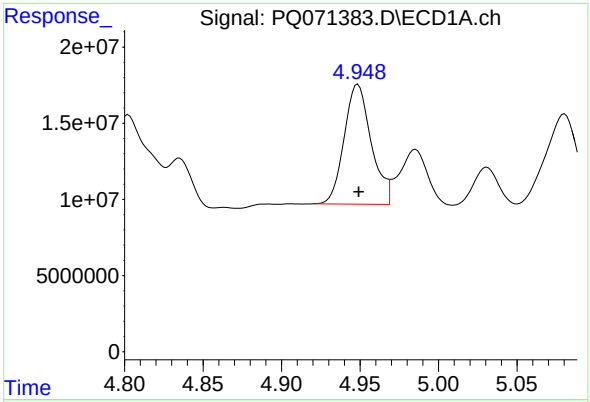
#6 AR-1016-4

R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 104279020
Conc: 424.68 ng/ml m



#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 87409774
Conc: 389.79 ng/ml m



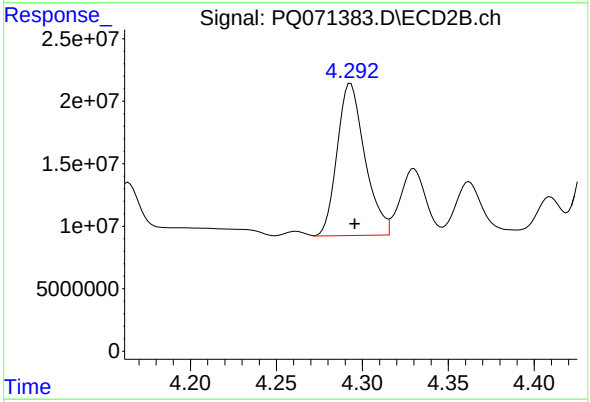
#7 AR-1016-5

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 95938083
Conc: 405.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MS

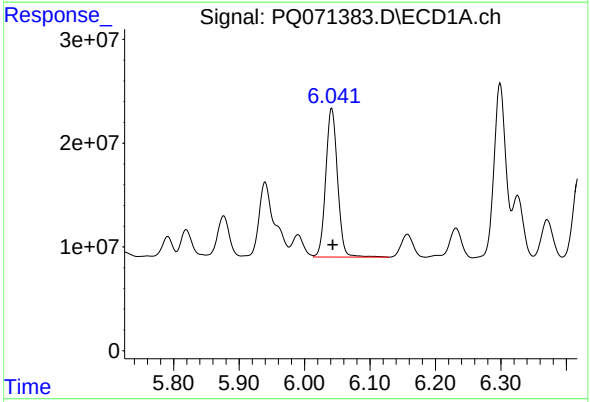
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



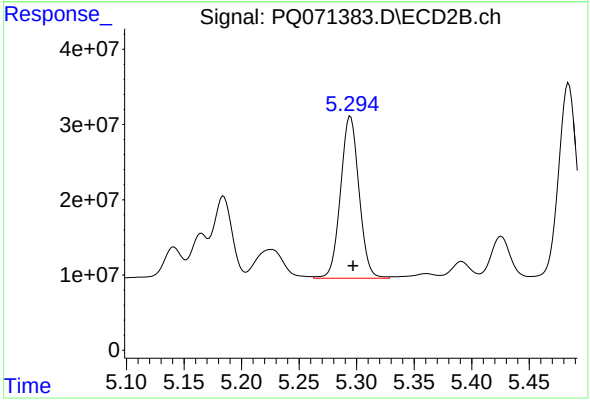
#7 AR-1016-5

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 136467901
Conc: 489.89 ng/ml



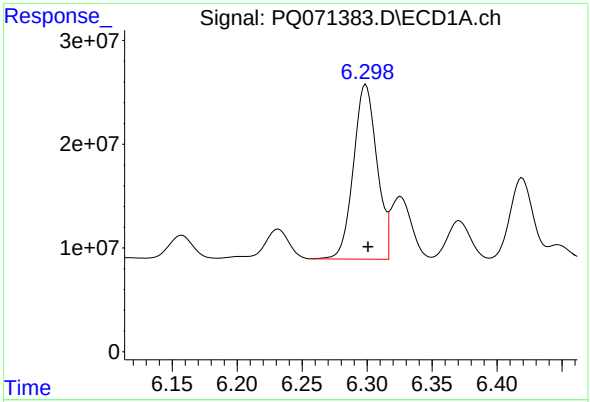
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 179371066
Conc: 400.83 ng/ml



#31 AR-1260-1

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 241970252
Conc: 484.98 ng/ml



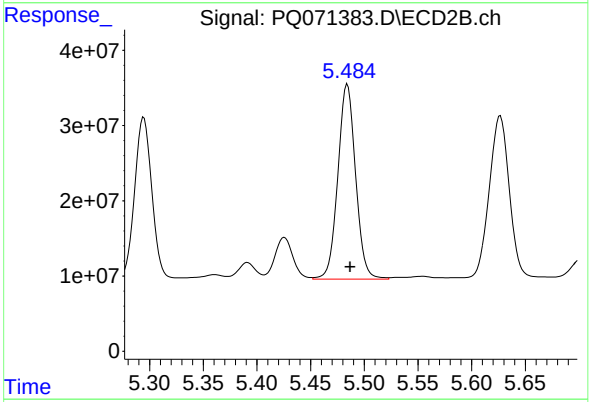
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 211570023
Conc: 414.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MS

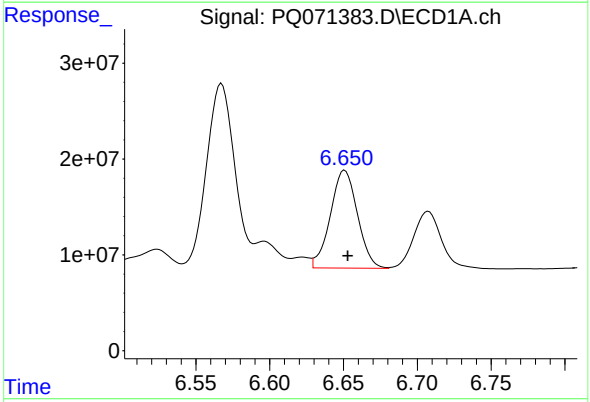
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



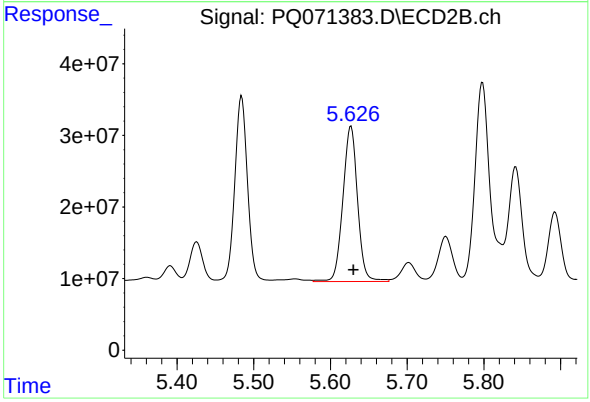
#32 AR-1260-2

R.T.: 5.484 min
Delta R.T.: -0.002 min
Response: 298575888
Conc: 492.39 ng/ml



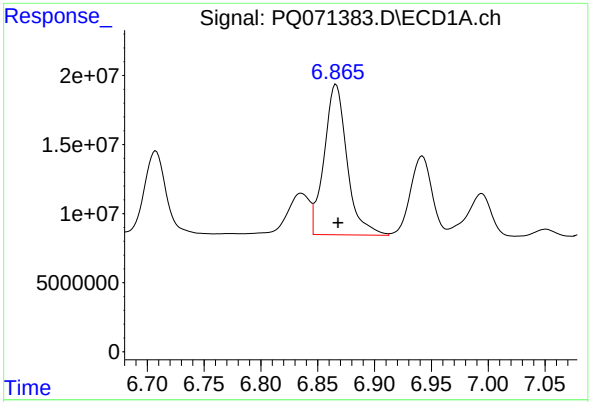
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 130379269
Conc: 340.65 ng/ml



#33 AR-1260-3

R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 289928003
Conc: 490.42 ng/ml



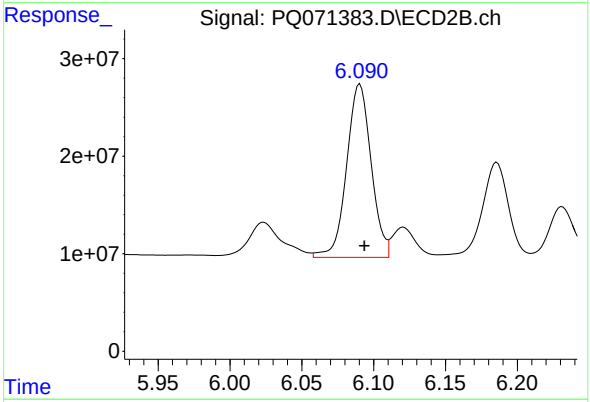
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 152798715
Conc: 365.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MS

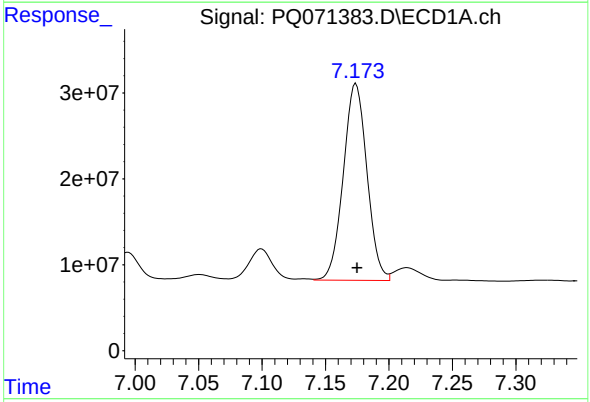
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



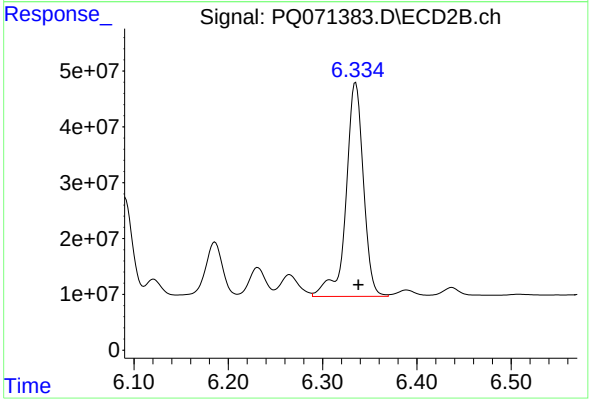
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 210735674
Conc: 425.40 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 296826716
Conc: 356.66 ng/ml



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 492106856
Conc: 428.56 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:	11/19/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	ETGI-354MSD	SDG No.:	Q3673
Lab Sample ID:	Q3681-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.3
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	190		1	4.70	20.4	ug/kg	11/20/25 18:36	PB170650
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/20/25 18:36	PB170650
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/20/25 18:36	PB170650
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/20/25 18:36	PB170650
12672-29-6	Aroclor-1248	20.4	U	1	7.10	20.4	ug/kg	11/20/25 18:36	PB170650
11097-69-1	Aroclor-1254	20.4	U	1	3.80	20.4	ug/kg	11/20/25 18:36	PB170650
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/20/25 18:36	PB170650
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/20/25 18:36	PB170650
11096-82-5	Aroclor-1260	192		1	3.90	20.4	ug/kg	11/20/25 18:36	PB170650
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.8			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.5			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_Q\Data\PQ112025\
Data File : PQ071384.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 18:36
Operator : YP\AJ
Sample : Q3681-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:46:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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...	3.409	2.855	132.9E6	203.0E6	15.267m	21.748 #
2)	SA Decachlor...	8.536	7.655	122.9E6	205.6E6	19.629	22.501
	Target Compounds						
3)	L1 AR-1016-1	4.495	3.869	146.7E6	171.0E6	443.901m	472.199m
4)	L1 AR-1016-2	4.515	3.885	184.2E6	230.0E6	387.256m	468.298m
5)	L1 AR-1016-3	4.572	4.047	122.5E6	139.0E6	410.335m	499.921m
6)	L1 AR-1016-4	4.662	4.094	106.8E6	90016826	435.008m	401.416m
7)	L1 AR-1016-5	4.947	4.294	101.3E6	148.2E6	428.399m	532.026
31)	L7 AR-1260-1	6.042	5.294	188.4E6	251.9E6	420.928	504.882
32)	L7 AR-1260-2	6.299	5.484	227.8E6	313.1E6	445.854	516.268
33)	L7 AR-1260-3	6.651	5.626	137.4E6	300.5E6	358.899	508.249 #
34)	L7 AR-1260-4	6.866	6.090	159.3E6	215.6E6	381.078	435.265
35)	L7 AR-1260-5	7.173	6.335	312.5E6	511.0E6	375.471	444.984

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071384.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 18:36
Operator : YP\AJ
Sample : Q3681-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

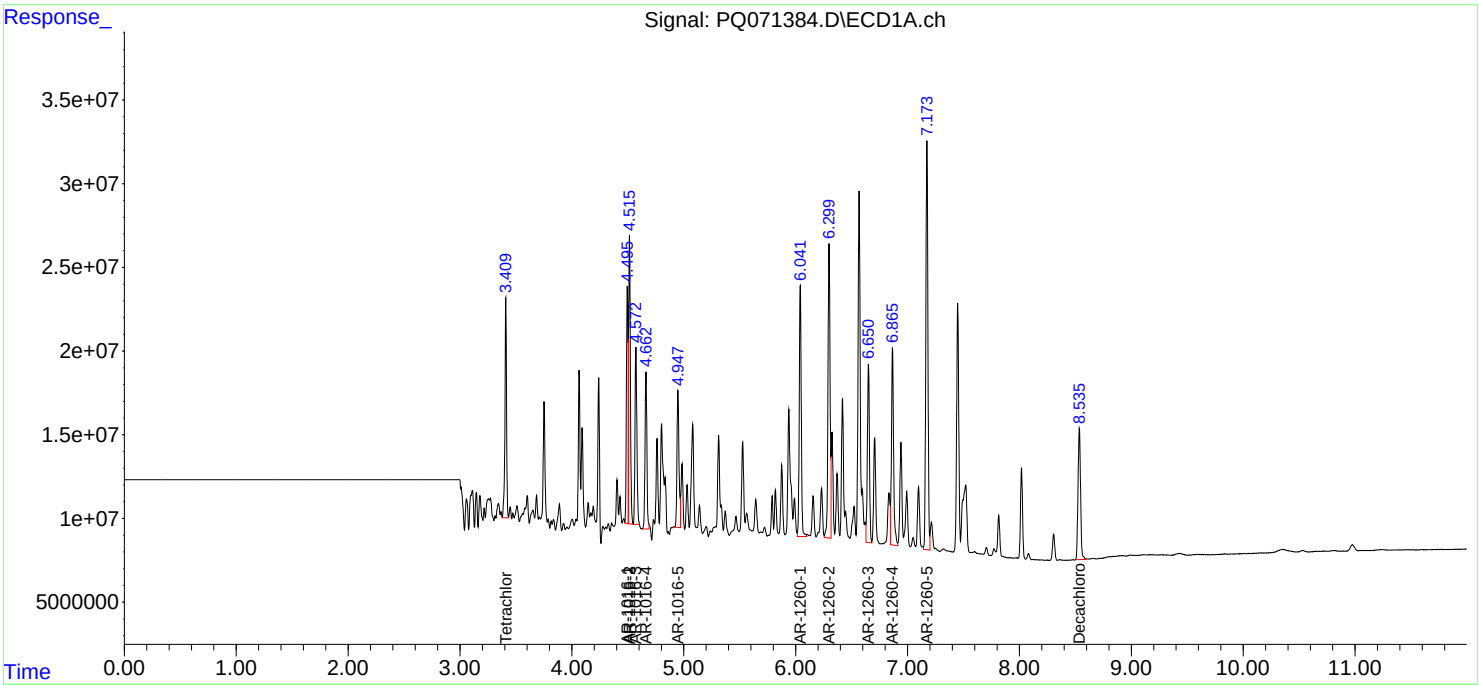
Instrument :
ECD_Q
ClientSampleId :
ETGI-354MSD

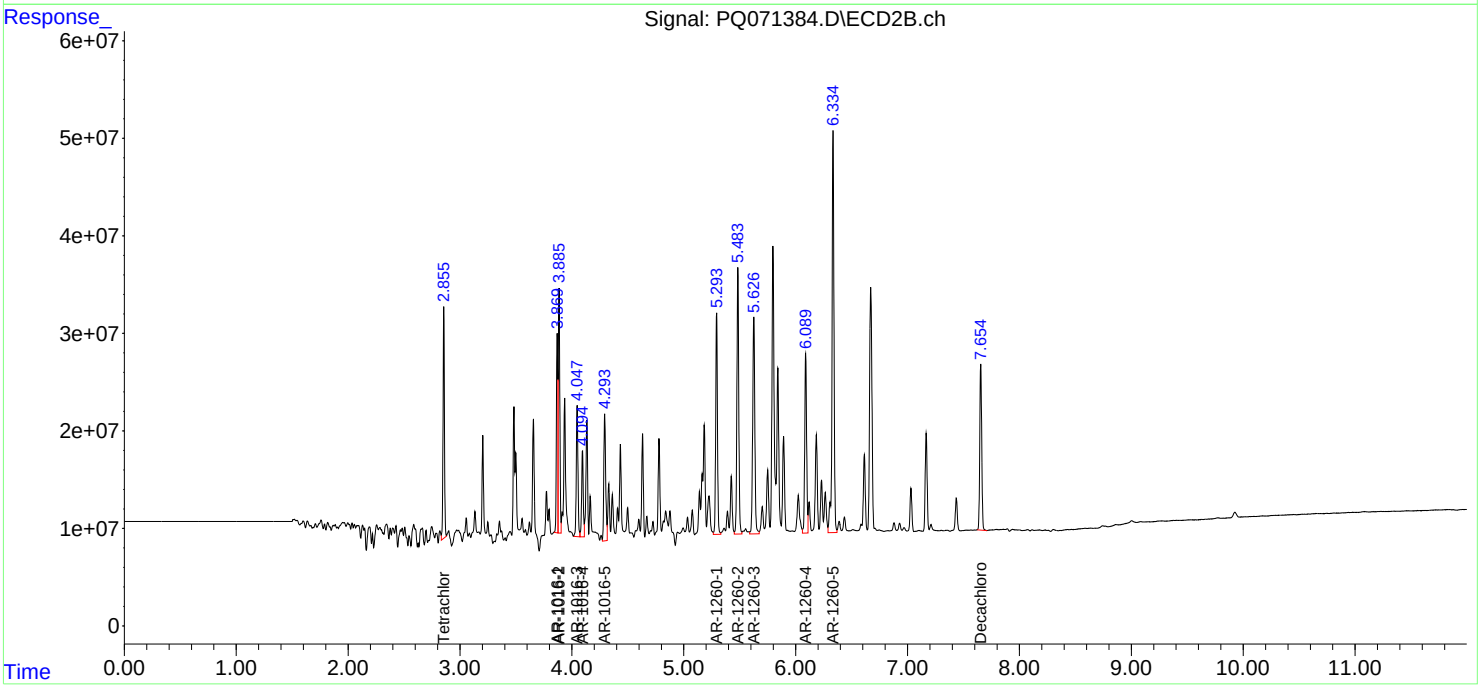
Manual Integrations APPROVED

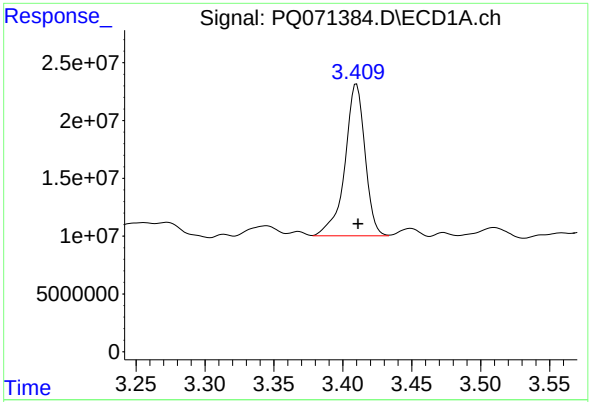
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:46:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 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







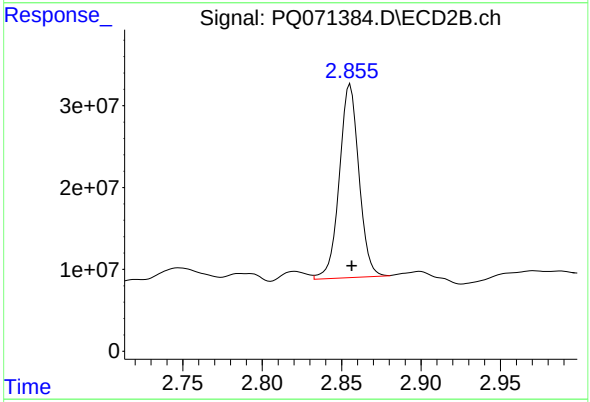
#1 Tetrachloro-m-xylene

R.T.: 3.409 min
Delta R.T.: -0.002 min
Response: 132901349
Conc: 15.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MSD

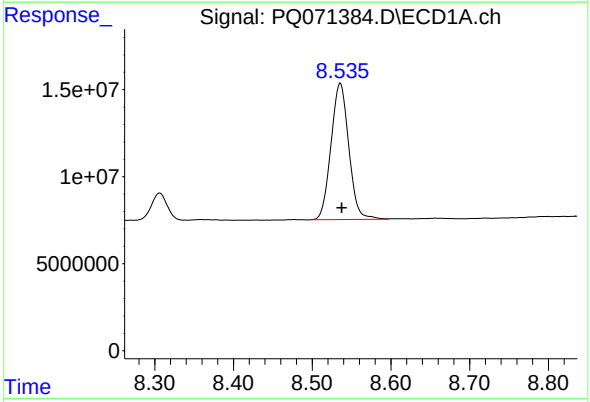
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



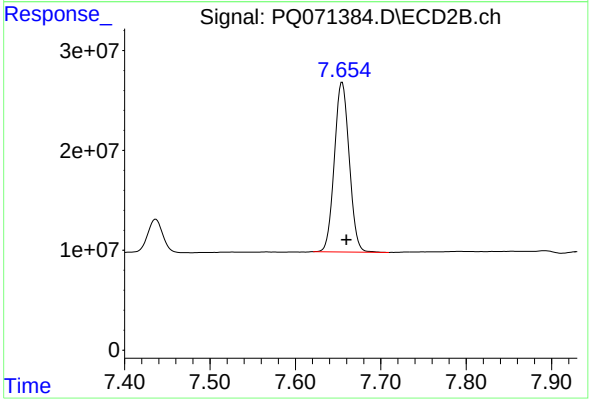
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.000 min
Response: 203049657
Conc: 21.75 ng/ml



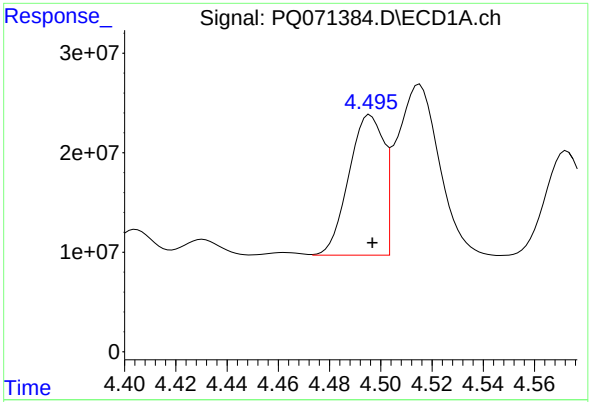
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 122909489
Conc: 19.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 205611587
Conc: 22.50 ng/ml



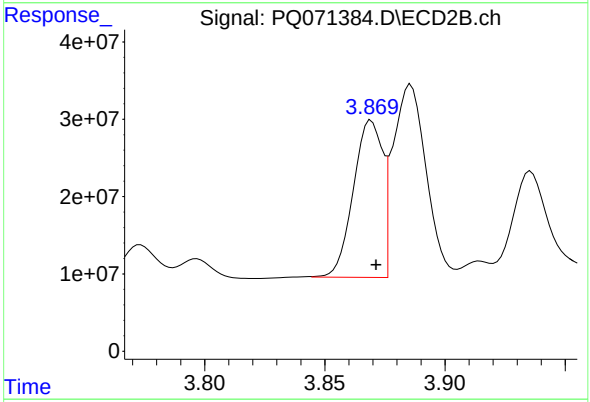
#3 AR-1016-1

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 146731355
Conc: 443.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MSD

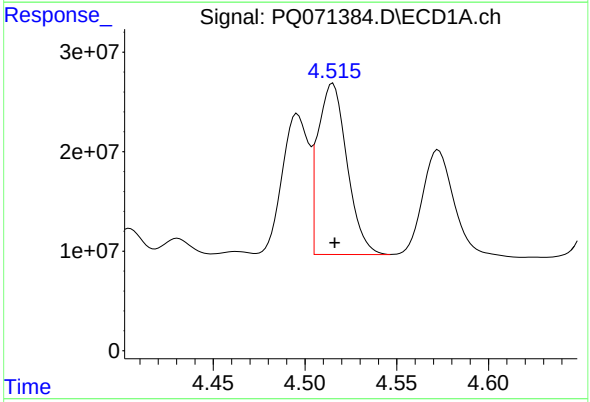
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



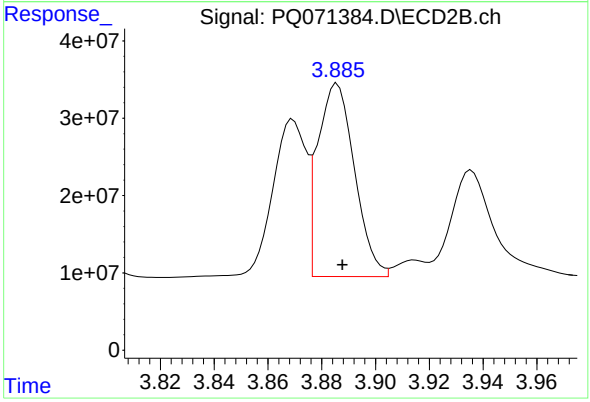
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.003 min
Response: 170994104
Conc: 472.20 ng/ml m



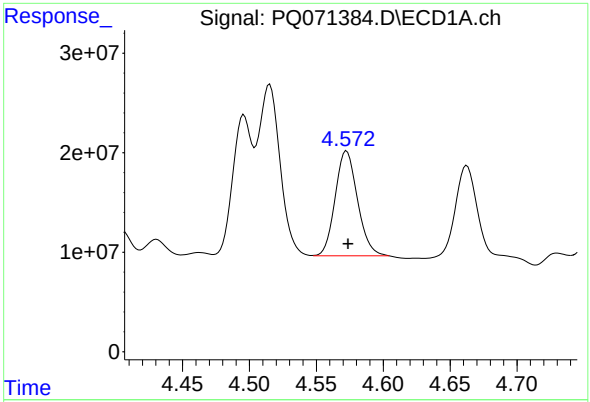
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 184186429
Conc: 387.26 ng/ml m



#4 AR-1016-2

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 230019608
Conc: 468.30 ng/ml m



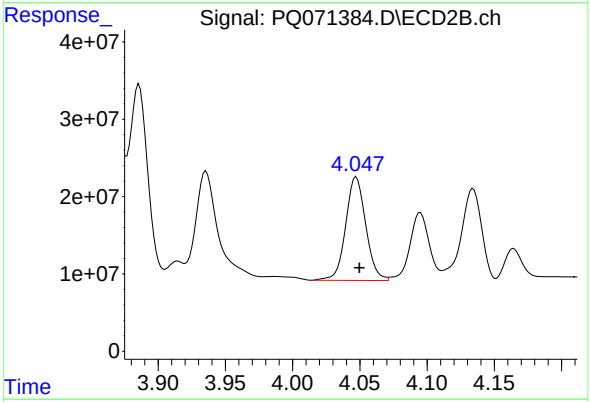
#5 AR-1016-3

R.T.: 4.572 min
Delta R.T.: -0.002 min
Response: 122468057
Conc: 410.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MSD

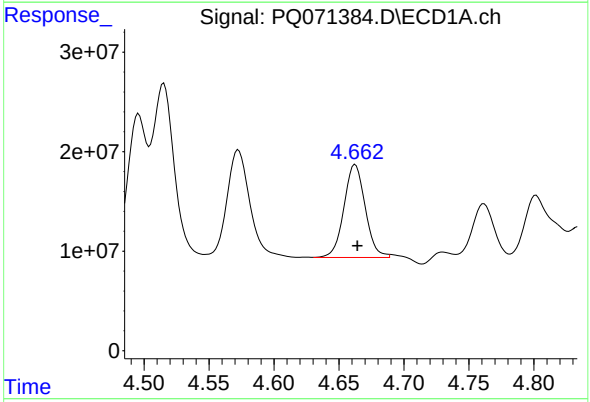
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



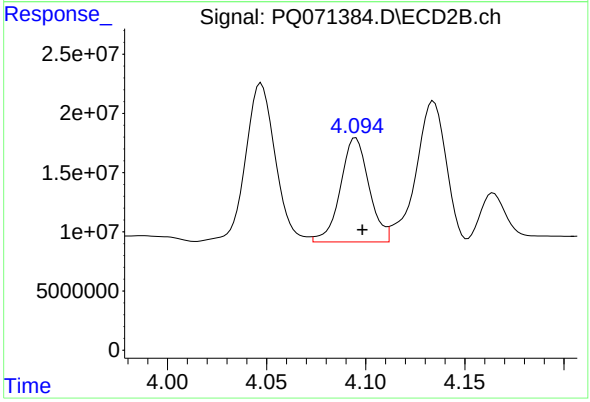
#5 AR-1016-3

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 138973964
Conc: 499.92 ng/ml m



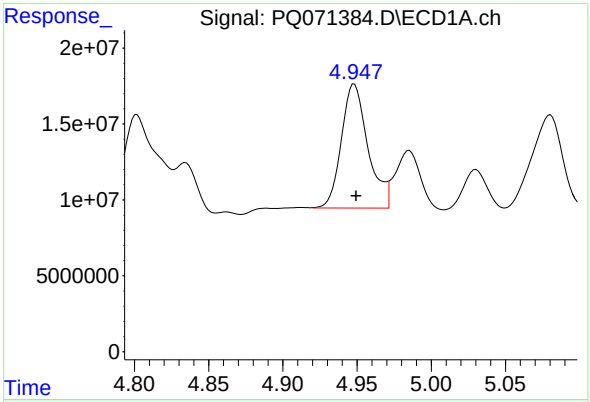
#6 AR-1016-4

R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 106815031
Conc: 435.01 ng/ml m



#6 AR-1016-4

R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 90016826
Conc: 401.42 ng/ml m



#7 AR-1016-5

R.T.: 4.947 min
Delta R.T.: -0.002 min
Response: 101279851
Conc: 428.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MSD

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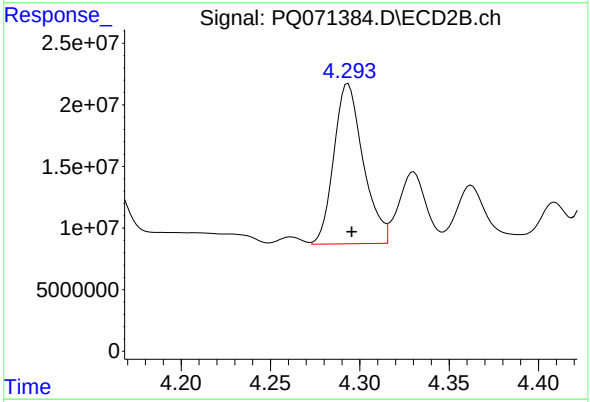
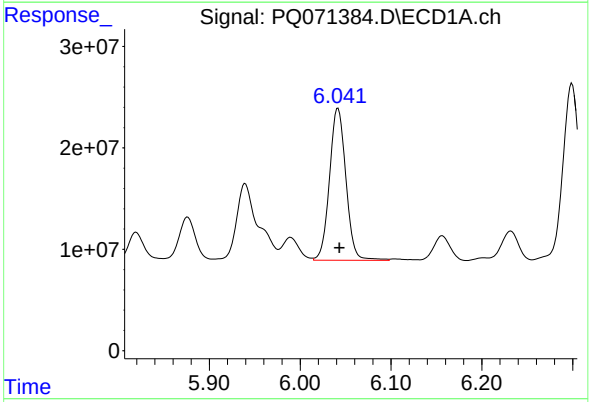
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



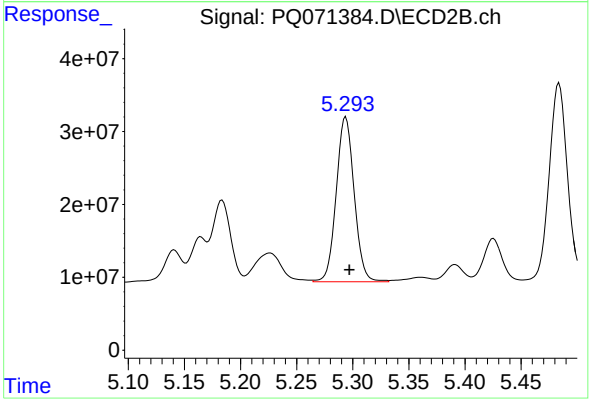
#7 AR-1016-5

R.T.: 4.294 min
Delta R.T.: -0.002 min
Response: 148205433
Conc: 532.03 ng/ml



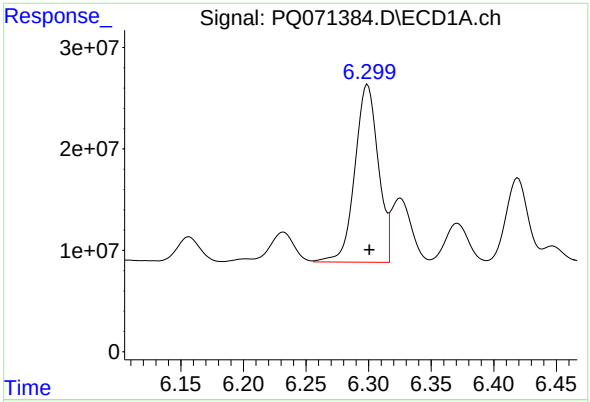
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 188364213
Conc: 420.93 ng/ml



#31 AR-1260-1

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 251899186
Conc: 504.88 ng/ml



#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 227793014
Conc: 445.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MSD

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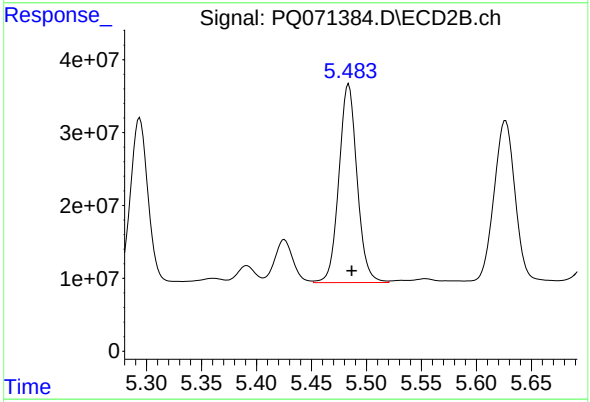
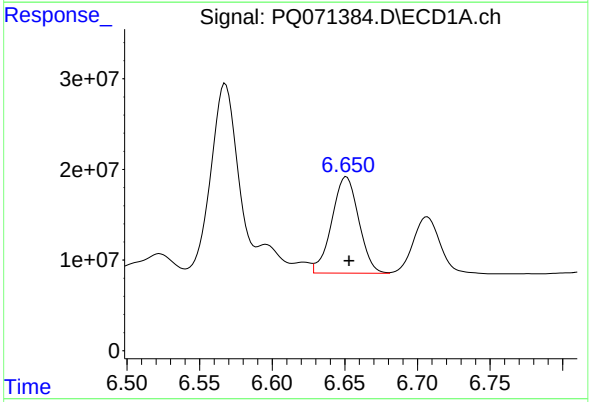
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



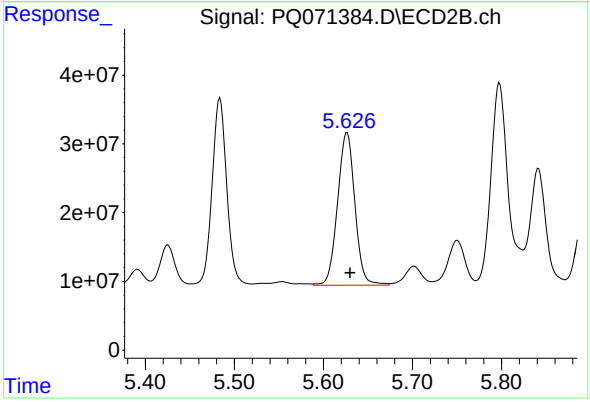
#32 AR-1260-2

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 313052561
Conc: 516.27 ng/ml



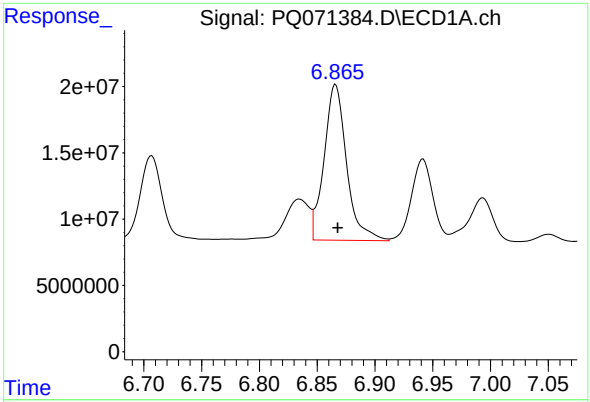
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 137362680
Conc: 358.90 ng/ml



#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 300468864
Conc: 508.25 ng/ml



#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 159345692
Conc: 381.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETGI-354MSD

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Reviewed By :Rahul Chavli 11/21/2025
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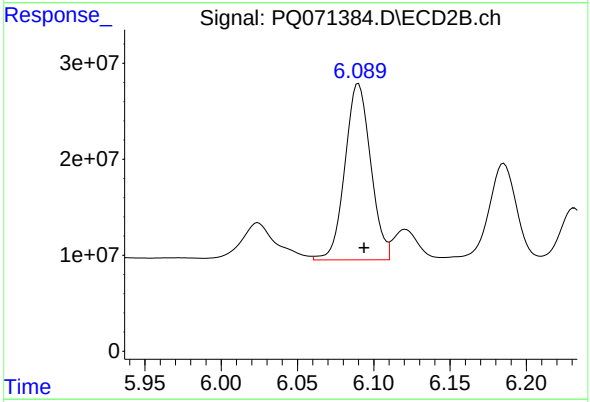
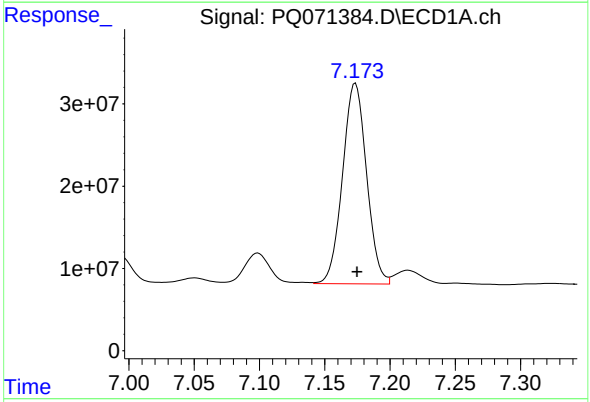


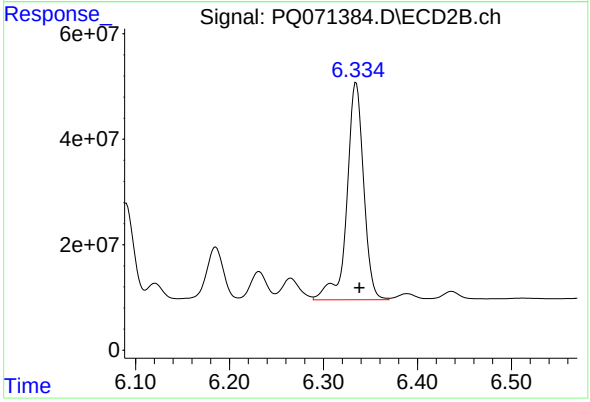
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 215620975
Conc: 435.26 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 312481260
Conc: 375.47 ng/ml



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 510968740
Conc: 444.98 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:	PO112025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO115255.D	AR-1016-1 #2	rahul	11/21/2025 3:43:23 PM	Sohil	12/1/2025 2:07:37	Peak Integrated by Software
AR1660CCC50 0	PO115255.D	AR-1016-2 #2	rahul	11/21/2025 3:43:23 PM	Sohil	12/1/2025 2:07:37	Peak Integrated by Software
AR1242CCC50 0	PO115256.D	AR-1242-1 #2	rahul	11/21/2025 3:43:26 PM	Sohil	12/1/2025 2:07:40	Peak Integrated by Software
AR1242CCC50 0	PO115256.D	AR-1242-2 #2	rahul	11/21/2025 3:43:26 PM	Sohil	12/1/2025 2:07:40	Peak Integrated by Software
AR1248CCC50 0	PO115257.D	AR-1248-1 #2	rahul	11/21/2025 3:43:28 PM	Sohil	12/1/2025 2:07:42	Peak Integrated by Software
AR1248CCC50 0	PO115257.D	Decachlorobiphenyl	rahul	11/21/2025 3:43:28 PM	Sohil	12/1/2025 2:07:42	Peak Integrated by Software
AR1254CCC50 0	PO115258.D	AR-1254-1 #2	rahul	11/21/2025 3:43:31 PM	Sohil	12/1/2025 2:07:44	Peak Integrated by Software
AR1254CCC50 0	PO115258.D	AR-1254-2	rahul	11/21/2025 3:43:31 PM	Sohil	12/1/2025 2:07:44	Peak Integrated by Software
AR1254CCC50 0	PO115258.D	Decachlorobiphenyl	rahul	11/21/2025 3:43:31 PM	Sohil	12/1/2025 2:07:44	Peak Integrated by Software
AR1660CCC50 0	PO115271.D	AR-1016-1 #2	rahul	11/21/2025 3:43:44 PM	Sohil	12/1/2025 2:08:53	Peak Integrated by Software
AR1660CCC50 0	PO115271.D	AR-1016-2 #2	rahul	11/21/2025 3:43:44 PM	Sohil	12/1/2025 2:08:53	Peak Integrated by Software
AR1660CCC50 0	PO115271.D	Tetrachloro-m-xylene	rahul	11/21/2025 3:43:44 PM	Sohil	12/1/2025 2:08:53	Peak Integrated by Software
AR1242CCC50 0	PO115272.D	AR-1242-1 #2	rahul	11/21/2025 3:44:13 PM	Sohil	12/1/2025 2:08:56	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO112025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO115272.D	AR-1242-2 #2	rahul	11/21/2025 3:44:13 PM	Sohil	12/1/2025 2:08:56	Peak Integrated by Software
AR1242CCC500	PO115272.D	Decachlorobiphenyl	rahul	11/21/2025 3:44:13 PM	Sohil	12/1/2025 2:08:56	Peak Integrated by Software
AR1248CCC500	PO115273.D	AR-1248-1 #2	rahul	11/21/2025 3:44:15 PM	Sohil	12/1/2025 2:08:58	Peak Integrated by Software
AR1248CCC500	PO115273.D	Decachlorobiphenyl	rahul	11/21/2025 3:44:15 PM	Sohil	12/1/2025 2:08:58	Peak Integrated by Software
AR1254CCC500	PO115274.D	AR-1254-1	rahul	11/21/2025 3:44:17 PM	Sohil	12/1/2025 2:09:00	Peak Integrated by Software
AR1254CCC500	PO115274.D	AR-1254-1 #2	rahul	11/21/2025 3:44:17 PM	Sohil	12/1/2025 2:09:00	Peak Integrated by Software
AR1254CCC500	PO115274.D	AR-1254-2	rahul	11/21/2025 3:44:17 PM	Sohil	12/1/2025 2:09:00	Peak Integrated by Software
AR1254CCC500	PO115274.D	AR-1254-2 #2	rahul	11/21/2025 3:44:17 PM	Sohil	12/1/2025 2:09:00	Peak Integrated by Software
AR1254CCC500	PO115274.D	AR-1254-3	rahul	11/21/2025 3:44:17 PM	Sohil	12/1/2025 2:09:00	Peak Integrated by Software
AR1254CCC500	PO115274.D	AR-1254-5	rahul	11/21/2025 3:44:17 PM	Sohil	12/1/2025 2:09:00	Peak Integrated by Software
AR1268CCC500	PO115275.D	AR-1268-1	rahul	11/21/2025 3:44:19 PM	Sohil	12/1/2025 2:09:39	Peak Integrated by Software
AR1268CCC500	PO115275.D	AR-1268-1 #2	rahul	11/21/2025 3:44:19 PM	Sohil	12/1/2025 2:09:39	Peak Integrated by Software
I.BLK	PO115276.D	Decachlorobiphenyl	rahul	11/21/2025 3:44:21 PM	Sohil	12/1/2025 2:10:38	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO112025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3673-03	PO115277.D	AR-1260-4	rahul	11/21/2025 3:44:24 PM	Sohil	12/1/2025 2:10:43	Peak Integrated by Software
Q3673-04	PO115278.D	AR-1254-2	rahul	11/21/2025 3:44:26 PM	Sohil	12/1/2025 2:10:44	Peak Integrated by Software
Q3673-05	PO115279.D	AR-1248-1 #2	rahul	11/21/2025 3:44:28 PM	Sohil	12/1/2025 2:10:46	Peak Integrated by Software
Q3673-05	PO115279.D	AR-1254-2	rahul	11/21/2025 3:44:28 PM	Sohil	12/1/2025 2:10:46	Peak Integrated by Software
Q3673-05	PO115279.D	AR-1260-4	rahul	11/21/2025 3:44:28 PM	Sohil	12/1/2025 2:10:46	Peak Integrated by Software
Q3673-05	PO115279.D	Tetrachloro-m-xylene	rahul	11/21/2025 3:44:28 PM	Sohil	12/1/2025 2:10:46	Peak Integrated by Software
Q3673-06	PO115280.D	AR-1254-2	rahul	12/1/2025 9:28:08 AM	Sohil	12/1/2025 2:10:48	Peak Integrated by Software
Q3673-06	PO115280.D	AR-1260-2 #2	rahul	12/1/2025 9:28:08 AM	Sohil	12/1/2025 2:10:48	Peak Integrated by Software
Q3673-06	PO115280.D	AR-1260-4	rahul	12/1/2025 9:28:08 AM	Sohil	12/1/2025 2:10:48	Peak Integrated by Software
Q3673-07	PO115281.D	AR-1242-1 #2	rahul	12/1/2025 9:28:10 AM	Sohil	12/1/2025 2:10:50	Peak Integrated by Software
Q3673-07	PO115281.D	AR-1242-2	rahul	12/1/2025 9:28:10 AM	Sohil	12/1/2025 2:10:50	Peak Integrated by Software
Q3673-07	PO115281.D	AR-1242-2 #2	rahul	12/1/2025 9:28:10 AM	Sohil	12/1/2025 2:10:50	Peak Integrated by Software
Q3673-07	PO115281.D	AR-1260-4	rahul	12/1/2025 9:28:10 AM	Sohil	12/1/2025 2:10:50	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO112025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3673-07	PO115281.D	Tetrachloro-m-xylene	rahul	12/1/2025 9:28:10 AM	Sohil	12/1/2025 2:10:50	Peak Integrated by Software
Q3673-08	PO115282.D	AR-1254-2	rahul	11/21/2025 3:44:36 PM	Sohil	12/1/2025 2:10:52	Peak Integrated by Software
Q3673-08	PO115282.D	AR-1254-3 #2	rahul	11/21/2025 3:44:36 PM	Sohil	12/1/2025 2:10:52	Peak Integrated by Software
Q3673-08	PO115282.D	AR-1260-4	rahul	11/21/2025 3:44:36 PM	Sohil	12/1/2025 2:10:52	Peak Integrated by Software
Q3673-09	PO115283.D	AR-1254-2	rahul	11/21/2025 3:44:41 PM	Sohil	12/1/2025 2:10:56	Peak Integrated by Software
Q3673-10	PO115284.D	AR-1254-1	rahul	11/21/2025 3:44:43 PM	Sohil	12/1/2025 2:11:07	Peak Integrated by Software
Q3673-10	PO115284.D	Decachlorobiphenyl	rahul	11/21/2025 3:44:43 PM	Sohil	12/1/2025 2:11:07	Peak Integrated by Software
Q3673-12	PO115286.D	Decachlorobiphenyl	rahul	11/21/2025 3:44:46 PM	Sohil	12/1/2025 2:11:08	Peak Integrated by Software
AR1660CCC500	PO115287.D	AR-1016-1 #2	rahul	11/21/2025 3:44:48 PM	Sohil	12/1/2025 2:11:09	Peak Integrated by Software
AR1660CCC500	PO115287.D	AR-1016-2 #2	rahul	11/21/2025 3:44:48 PM	Sohil	12/1/2025 2:11:09	Peak Integrated by Software
AR1660CCC500	PO115287.D	Decachlorobiphenyl	rahul	11/21/2025 3:44:48 PM	Sohil	12/1/2025 2:11:09	Peak Integrated by Software
AR1242CCC500	PO115288.D	AR-1242-1 #2	rahul	11/21/2025 3:44:50 PM	Sohil	12/1/2025 2:11:11	Peak Integrated by Software
AR1242CCC500	PO115288.D	AR-1242-2 #2	rahul	11/21/2025 3:44:50 PM	Sohil	12/1/2025 2:11:11	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO112025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC50 0	PO115288.D	Decachlorobiphenyl	rahul	11/21/2025 3:44:50 PM	Sohil	12/1/2025 2:11:11	Peak Integrated by Software
AR1248CCC50 0	PO115289.D	AR-1248-1 #2	rahul	11/21/2025 3:44:53 PM	Sohil	12/1/2025 2:11:14	Peak Integrated by Software
AR1248CCC50 0	PO115289.D	Decachlorobiphenyl	rahul	11/21/2025 3:44:53 PM	Sohil	12/1/2025 2:11:14	Peak Integrated by Software
AR1254CCC50 0	PO115290.D	AR-1254-1	rahul	11/21/2025 3:45:27 PM	Sohil	12/1/2025 2:11:16	Peak Integrated by Software
AR1254CCC50 0	PO115290.D	AR-1254-1 #2	rahul	11/21/2025 3:45:27 PM	Sohil	12/1/2025 2:11:16	Peak Integrated by Software
AR1254CCC50 0	PO115290.D	AR-1254-2	rahul	11/21/2025 3:45:27 PM	Sohil	12/1/2025 2:11:16	Peak Integrated by Software
AR1254CCC50 0	PO115290.D	AR-1254-2 #2	rahul	11/21/2025 3:45:27 PM	Sohil	12/1/2025 2:11:16	Peak Integrated by Software
AR1254CCC50 0	PO115290.D	AR-1254-3	rahul	11/21/2025 3:45:27 PM	Sohil	12/1/2025 2:11:16	Peak Integrated by Software
AR1254CCC50 0	PO115290.D	AR-1254-3 #2	rahul	11/21/2025 3:45:27 PM	Sohil	12/1/2025 2:11:16	Peak Integrated by Software
AR1254CCC50 0	PO115290.D	AR-1254-4	rahul	11/21/2025 3:45:27 PM	Sohil	12/1/2025 2:11:16	Peak Integrated by Software
AR1254CCC50 0	PO115290.D	Decachlorobiphenyl	rahul	11/21/2025 3:45:27 PM	Sohil	12/1/2025 2:11:16	Peak Integrated by Software
AR1268CCC50 0	PO115291.D	AR-1268-1	rahul	11/21/2025 3:44:55 PM	Sohil	12/1/2025 2:11:18	Peak Integrated by Software
AR1268CCC50 0	PO115291.D	Decachlorobiphenyl	rahul	11/21/2025 3:44:55 PM	Sohil	12/1/2025 2:11:18	Peak Integrated by Software

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Sequence:	PO112025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PO115292.D	Decachlorobiphenyl	rahul	11/21/2025 3:44:57 PM	Sohil	12/1/2025 2:11:20	Peak Integrated by Software
Q3673-01	PO115293.D	AR-1260-4	rahul	11/21/2025 3:45:00 PM	Sohil	12/1/2025 2:11:47	Peak Integrated by Software
Q3673-01	PO115293.D	Decachlorobiphenyl	rahul	11/21/2025 3:45:00 PM	Sohil	12/1/2025 2:11:47	Peak Integrated by Software
Q3673-13	PO115294.D	Decachlorobiphenyl	rahul	11/21/2025 3:45:02 PM	Sohil	12/1/2025 2:11:49	Peak Integrated by Software
AR1660CCC500	PO115302.D	AR-1016-1 #2	rahul	11/21/2025 3:45:36 PM	Sohil	12/1/2025 2:13:12	Peak Integrated by Software
AR1660CCC500	PO115302.D	AR-1016-2 #2	rahul	11/21/2025 3:45:36 PM	Sohil	12/1/2025 2:13:12	Peak Integrated by Software
AR1660CCC500	PO115302.D	Decachlorobiphenyl	rahul	11/21/2025 3:45:36 PM	Sohil	12/1/2025 2:13:12	Peak Integrated by Software
AR1242CCC500	PO115303.D	AR-1242-1 #2	rahul	11/21/2025 3:45:40 PM	Sohil	12/1/2025 2:13:15	Peak Integrated by Software
AR1242CCC500	PO115303.D	AR-1242-2 #2	rahul	11/21/2025 3:45:40 PM	Sohil	12/1/2025 2:13:15	Peak Integrated by Software
AR1242CCC500	PO115303.D	Decachlorobiphenyl	rahul	11/21/2025 3:45:40 PM	Sohil	12/1/2025 2:13:15	Peak Integrated by Software
AR1248CCC500	PO115304.D	AR-1248-1 #2	rahul	11/21/2025 3:45:42 PM	Sohil	12/1/2025 2:13:18	Peak Integrated by Software
AR1248CCC500	PO115304.D	Decachlorobiphenyl	rahul	11/21/2025 3:45:42 PM	Sohil	12/1/2025 2:13:18	Peak Integrated by Software
AR1254CCC500	PO115305.D	AR-1254-1	rahul	11/21/2025 3:45:45 PM	Sohil	12/1/2025 2:13:20	Peak Integrated by Software

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Sequence:	PO112025	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO115305.D	AR-1254-2	rahul	11/21/2025 3:45:45 PM	Sohil	12/1/2025 2:13:20	Peak Integrated by Software
AR1254CCC500	PO115305.D	AR-1254-3	rahul	11/21/2025 3:45:45 PM	Sohil	12/1/2025 2:13:20	Peak Integrated by Software
AR1254CCC500	PO115305.D	AR-1254-4	rahul	11/21/2025 3:45:45 PM	Sohil	12/1/2025 2:13:20	Peak Integrated by Software
AR1254CCC500	PO115305.D	AR-1254-5	rahul	11/21/2025 3:45:45 PM	Sohil	12/1/2025 2:13:20	Peak Integrated by Software
AR1254CCC500	PO115305.D	Decachlorobiphenyl	rahul	11/21/2025 3:45:45 PM	Sohil	12/1/2025 2:13:20	Peak Integrated by Software

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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
Q3673-05DL	PO115316.D	AR-1248-1 #2	rahul	11/25/2025 8:26:27 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3673-05DL	PO115316.D	AR-1260-5	rahul	11/25/2025 8:26:27 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3673-05DL	PO115316.D	Tetrachloro-m-xylene	rahul	11/25/2025 8:26:27 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3673-06DL	PO115317.D	AR-1254-5	rahul	11/25/2025 8:26:30 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3673-06DL	PO115317.D	AR-1260-4	rahul	11/25/2025 8:26:30 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software

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Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3673-06DL	PO115317.D	AR-1260-5	rahul	11/25/2025 8:26:30 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3673-07DL2	PO115318.D	AR-1242-1 #2	rahul	11/25/2025 8:26:32 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3673-07DL2	PO115318.D	AR-1242-2 #2	rahul	11/25/2025 8:26:32 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3673-07DL2	PO115318.D	AR-1260-1	rahul	11/25/2025 8:26:32 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3673-07DL2	PO115318.D	AR-1260-1 #2	rahul	11/25/2025 8:26:32 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3673-07DL2	PO115318.D	AR-1260-4	rahul	11/25/2025 8:26:32 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
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

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Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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
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
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
AR1660CCC500	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

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Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO115355.D	AR-1260-2	rahul	11/26/2025 1:20:05 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115356.D	AR-1242-1	rahul	11/26/2025 9:42:07 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115356.D	AR-1242-2	rahul	11/26/2025 9:42:07 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115356.D	AR-1242-3	rahul	11/26/2025 9:42:07 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115356.D	AR-1242-4	rahul	11/26/2025 9:42:07 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115358.D	AR-1254-1	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	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
AR1254CCC500	PO115358.D	AR-1254-2	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115358.D	AR-1254-2 #2	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115358.D	AR-1254-3	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

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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
AR1660CCC500	PO115365.D	AR-1260-3	rahul	11/26/2025 1:20:07 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115366.D	AR-1242-1	rahul	11/26/2025 9:42:11 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115366.D	AR-1242-2	rahul	11/26/2025 9:42:11 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115366.D	AR-1242-3	rahul	11/26/2025 9:42:11 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115366.D	AR-1242-4	rahul	11/26/2025 9:42:11 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115368.D	AR-1254-1	rahul	11/26/2025 9:42:13 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	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
AR1254CCC500	PO115368.D	AR-1254-2	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
AR1254CCC500	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
AR1254CCC500	PO115368.D	AR-1254-3	rahul	11/26/2025 9:42:13 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115368.D	AR-1254-4	rahul	11/26/2025 9:42:13 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	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
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
Q3673-07DL	PO115393.D	Decachlorobiphenyl #2	rahul	11/26/2025 9:47:44 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
Q3673-07DL	PO115393.D	Tetrachloro-m-xylene	rahul	11/26/2025 9:47:44 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

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Sequence:	PO112525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO115403.D	Decachlorobiphenyl	rahul	11/26/2025 9:48:01 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1242CCC50 0	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
AR1242CCC50 0	PO115404.D	Decachlorobiphenyl	rahul	11/26/2025 9:48:05 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1248CCC50 0	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
AR1248CCC50 0	PO115405.D	Decachlorobiphenyl	rahul	11/26/2025 9:48:09 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	PO115406.D	AR-1254-1	rahul	11/26/2025 9:48:19 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	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
AR1254CCC50 0	PO115406.D	AR-1254-2	rahul	11/26/2025 9:48:19 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	PO115406.D	AR-1254-3	rahul	11/26/2025 9:48:19 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	PO115406.D	AR-1254-4	rahul	11/26/2025 9:48:19 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	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
AR1242CCC50 0	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

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Manual Integration Report

Sequence:	PO112525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC50 0	PO115419.D	Decachlorobiphenyl	rahul	11/26/2025 9:48:51 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1242CCC50 0	PO115419.D	Decachlorobiphenyl #2	rahul	11/26/2025 9:48:51 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1248CCC50 0	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
AR1254CCC50 0	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
AR1254CCC50 0	PO115421.D	AR-1254-2	rahul	11/26/2025 9:48:57 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	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
AR1254CCC50 0	PO115421.D	AR-1254-3	rahul	11/26/2025 9:48:57 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	PO115421.D	AR-1254-4	rahul	11/26/2025 9:48:57 AM	mohammad	11/27/2025 12:20:27	Peak Integrated by Software
AR1254CCC50 0	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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Manual Integration Report

Sequence:	PQ111825	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PQ071277.D	AR-1016-1 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1016-2 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1016-3 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1016-4 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1016-5 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-1 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-2 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-3 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-4 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-5 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	Decachlorobiphenyl #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software

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Manual Integration Report

Sequence:	PQ111825	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	pq112025	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3681-01MS	PQ071383.D	AR-1016-1	RAHUL	11/21/2025 3:44:01 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MS	PQ071383.D	AR-1016-1 #2	RAHUL	11/21/2025 3:44:01 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MS	PQ071383.D	AR-1016-2	RAHUL	11/21/2025 3:44:01 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MS	PQ071383.D	AR-1016-2 #2	RAHUL	11/21/2025 3:44:01 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MS	PQ071383.D	AR-1016-3	RAHUL	11/21/2025 3:44:01 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MS	PQ071383.D	AR-1016-3 #2	RAHUL	11/21/2025 3:44:01 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MS	PQ071383.D	AR-1016-4	RAHUL	11/21/2025 3:44:01 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MS	PQ071383.D	AR-1016-4 #2	RAHUL	11/21/2025 3:44:01 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MS	PQ071383.D	AR-1016-5	RAHUL	11/21/2025 3:44:01 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MS	PQ071383.D	Tetrachloro-m-xylene	RAHUL	11/21/2025 3:44:01 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MSD	PQ071384.D	AR-1016-1	RAHUL	11/21/2025 3:44:04 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MSD	PQ071384.D	AR-1016-1 #2	RAHUL	11/21/2025 3:44:04 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MSD	PQ071384.D	AR-1016-2	RAHUL	11/21/2025 3:44:04 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software

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Manual Integration Report

Sequence:	pq112025	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3681-01MSD	PQ071384.D	AR-1016-2 #2	RAHUL	11/21/2025 3:44:04 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MSD	PQ071384.D	AR-1016-3	RAHUL	11/21/2025 3:44:04 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MSD	PQ071384.D	AR-1016-3 #2	RAHUL	11/21/2025 3:44:04 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MSD	PQ071384.D	AR-1016-4	RAHUL	11/21/2025 3:44:04 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MSD	PQ071384.D	AR-1016-4 #2	RAHUL	11/21/2025 3:44:04 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MSD	PQ071384.D	AR-1016-5	RAHUL	11/21/2025 3:44:04 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3681-01MSD	PQ071384.D	Tetrachloro-m-xylene	RAHUL	11/21/2025 3:44:04 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071386.D	AR-1260-1 #2	RAHUL	11/21/2025 3:44:10 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071386.D	AR-1260-2 #2	RAHUL	11/21/2025 3:44:10 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071386.D	AR-1260-3 #2	RAHUL	11/21/2025 3:44:10 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1016-2 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1016-3 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1016-5 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software

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Manual Integration Report

Sequence:	pq112025	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071398.D	AR-1260-1 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1260-2 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1260-3 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1260-4 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	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 # PO112025

Review By	Rahul	Review On	11/20/2025 10:38:34 AM		
Supervise By	Sohil	Supervise On	12/1/2025 2:13:38 PM		
SubDirectory	PO112025	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	PO115254.D	20 Nov 2025 10:33	YP/AJ	Ok
2	AR1660CCC500	PO115255.D	20 Nov 2025 10:51	YP/AJ	Ok,M
3	AR1242CCC500	PO115256.D	20 Nov 2025 11:09	YP/AJ	Ok,M
4	AR1248CCC500	PO115257.D	20 Nov 2025 11:28	YP/AJ	Ok,M
5	AR1254CCC500	PO115258.D	20 Nov 2025 11:46	YP/AJ	Ok,M
6	AR1268CCC500	PO115259.D	20 Nov 2025 12:05	YP/AJ	Ok
7	I.BLK	PO115260.D	20 Nov 2025 12:23	YP/AJ	Ok
8	PB170574BL	PO115261.D	20 Nov 2025 13:05	YP/AJ	Ok
9	Q3636-01	PO115262.D	20 Nov 2025 13:24	YP/AJ	Ok
10	Q3663-01	PO115263.D	20 Nov 2025 13:42	YP/AJ	Ok,M
11	Q3663-02	PO115264.D	20 Nov 2025 14:00	YP/AJ	Ok,M
12	Q3667-05	PO115265.D	20 Nov 2025 14:19	YP/AJ	Ok,M
13	Q3663-07	PO115266.D	20 Nov 2025 14:37	YP/AJ	Ok,M
14	Q3663-08	PO115267.D	20 Nov 2025 14:55	YP/AJ	Ok
15	Q3663-09	PO115268.D	20 Nov 2025 15:14	YP/AJ	Ok,M
16	Q3687-01	PO115269.D	20 Nov 2025 15:32	YP/AJ	Ok
17	Q3673-02	PO115270.D	20 Nov 2025 15:50	YP/AJ	Ok
18	AR1660CCC500	PO115271.D	20 Nov 2025 17:04	YP/AJ	Ok,M
19	AR1242CCC500	PO115272.D	20 Nov 2025 17:59	YP/AJ	Ok,M
20	AR1248CCC500	PO115273.D	20 Nov 2025 18:17	YP/AJ	Ok,M
21	AR1254CCC500	PO115274.D	20 Nov 2025 18:36	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112025

Review By	Rahul	Review On	11/20/2025 10:38:34 AM		
Supervise By	Sohil	Supervise On	12/1/2025 2:13:38 PM		
SubDirectory	PO112025	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	AR1268CCC500	PO115275.D	20 Nov 2025 18:54	YP/AJ	Ok,M
23	I.BLK	PO115276.D	20 Nov 2025 19:13	YP/AJ	Ok,M
24	Q3673-03	PO115277.D	20 Nov 2025 19:31	YP/AJ	Ok,M
25	Q3673-04	PO115278.D	20 Nov 2025 19:49	YP/AJ	Ok,M
26	Q3673-05	PO115279.D	20 Nov 2025 20:08	YP/AJ	Dilution
27	Q3673-06	PO115280.D	20 Nov 2025 20:26	YP/AJ	Dilution
28	Q3673-07	PO115281.D	20 Nov 2025 20:44	YP/AJ	Dilution
29	Q3673-08	PO115282.D	20 Nov 2025 21:03	YP/AJ	Ok,M
30	Q3673-09	PO115283.D	20 Nov 2025 21:21	YP/AJ	Ok,M
31	Q3673-10	PO115284.D	20 Nov 2025 21:40	YP/AJ	Ok,M
32	Q3673-11	PO115285.D	20 Nov 2025 21:58	YP/AJ	Ok
33	Q3673-12	PO115286.D	20 Nov 2025 22:16	YP/AJ	Ok,M
34	AR1660CCC500	PO115287.D	20 Nov 2025 23:30	YP/AJ	Ok,M
35	AR1242CCC500	PO115288.D	21 Nov 2025 00:25	YP/AJ	Ok,M
36	AR1248CCC500	PO115289.D	21 Nov 2025 00:43	YP/AJ	Ok,M
37	AR1254CCC500	PO115290.D	21 Nov 2025 01:01	YP/AJ	Ok,M
38	AR1268CCC500	PO115291.D	21 Nov 2025 01:20	YP/AJ	Ok,M
39	I.BLK	PO115292.D	21 Nov 2025 01:38	YP/AJ	Ok,M
40	Q3673-01	PO115293.D	21 Nov 2025 01:57	YP/AJ	Ok,M
41	Q3673-13	PO115294.D	21 Nov 2025 02:15	YP/AJ	Ok,M
42	Q3677-01	PO115295.D	21 Nov 2025 02:33	YP/AJ	Ok,M
43	Q3678-01	PO115296.D	21 Nov 2025 02:52	YP/AJ	Ok,M
44	Q3666-02	PO115297.D	21 Nov 2025 03:09	YP/AJ	ReRun

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112025

Review By	Rahul	Review On	11/20/2025 10:38:34 AM		
Supervise By	Sohil	Supervise On	12/1/2025 2:13:38 PM		
SubDirectory	PO112025	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	Q3682-01	PO115298.D	21 Nov 2025 03:27	YP/AJ	Ok,M
46	Q3685-01	PO115299.D	21 Nov 2025 03:46	YP/AJ	Ok,M
47	Q3685-02	PO115300.D	21 Nov 2025 04:04	YP/AJ	Ok,M
48	Q3685-03	PO115301.D	21 Nov 2025 04:22	YP/AJ	Ok,M
49	AR1660CCC500	PO115302.D	21 Nov 2025 05:36	YP/AJ	Ok,M
50	AR1242CCC500	PO115303.D	21 Nov 2025 06:31	YP/AJ	Ok,M
51	AR1248CCC500	PO115304.D	21 Nov 2025 06:48	YP/AJ	Ok,M
52	AR1254CCC500	PO115305.D	21 Nov 2025 07:07	YP/AJ	Ok,M
53	AR1268CCC500	PO115306.D	21 Nov 2025 07:25	YP/AJ	Ok
54	I.BLK	PO115307.D	21 Nov 2025 07:43	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_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM		
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM		
SubDirectory	PQ111825	HP Acquire Method		HP Processing Method	PQ111825

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	PQ071271.D	18 Nov 2025 11:44	YP\AJ	Ok
2	I.BLK	PQ071272.D	18 Nov 2025 11:59	YP\AJ	Ok
3	AR1660ICC1000	PQ071273.D	18 Nov 2025 12:13	YP\AJ	Ok
4	AR1660ICC750	PQ071274.D	18 Nov 2025 12:28	YP\AJ	Ok
5	AR1660ICC500	PQ071275.D	18 Nov 2025 12:43	YP\AJ	Ok
6	AR1660ICC250	PQ071276.D	18 Nov 2025 12:57	YP\AJ	Ok
7	AR1660ICC050	PQ071277.D	18 Nov 2025 15:42	YP\AJ	Ok,M
8	AR1221ICC500	PQ071278.D	18 Nov 2025 16:25	YP\AJ	Ok
9	AR1232ICC500	PQ071279.D	18 Nov 2025 16:39	YP\AJ	Ok
10	AR1242ICC500	PQ071280.D	18 Nov 2025 16:54	YP\AJ	Ok
11	AR1248ICC500	PQ071281.D	18 Nov 2025 17:08	YP\AJ	Ok
12	AR1254ICC500	PQ071282.D	18 Nov 2025 17:23	YP\AJ	Ok
13	AR1262ICC500	PQ071283.D	18 Nov 2025 17:37	YP\AJ	Ok
14	AR1268ICC500	PQ071284.D	18 Nov 2025 17:52	YP\AJ	Ok
15	PQ111825ICV500	PQ071285.D	18 Nov 2025 18:07	YP\AJ	Ok
16	AR1660CCC500	PQ071286.D	18 Nov 2025 18:36	YP\AJ	Ok
17	I.BLK	PQ071287.D	18 Nov 2025 19:05	YP\AJ	Ok
18	PB170532BL	PQ071288.D	18 Nov 2025 19:20	YP\AJ	Not Ok
19	Q3530-03	PQ071289.D	18 Nov 2025 19:34	YP\AJ	Ok
20	Q3530-03	PQ071290.D	18 Nov 2025 19:49	YP\AJ	Not Ok
21	Q3530-03	PQ071291.D	18 Nov 2025 20:03	YP\AJ	Not Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM		
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM		
SubDirectory	PQ111825	HP Acquire Method		HP Processing Method	PQ111825

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	Q3530-03	PQ071292.D	18 Nov 2025 20:18	YP\AJ	Not Ok
23	Q3530-03	PQ071293.D	18 Nov 2025 20:33	YP\AJ	Not Ok
24	Q3530-03	PQ071294.D	18 Nov 2025 20:47	YP\AJ	Not Ok
25	Q3530-03	PQ071295.D	18 Nov 2025 21:02	YP\AJ	Not Ok
26	Q3530-03	PQ071296.D	18 Nov 2025 21:16	YP\AJ	Ok
27	AR1660CCC500	PQ071297.D	18 Nov 2025 22:14	YP\AJ	Ok
28	I.BLK	PQ071298.D	19 Nov 2025 00:49	YP\AJ	Ok
29	PB170530BL	PQ071299.D	19 Nov 2025 01:03	YP\AJ	Ok
30	Q3530-09	PQ071300.D	19 Nov 2025 01:18	YP\AJ	Ok
31	Q3530-09	PQ071301.D	19 Nov 2025 01:32	YP\AJ	Not Ok
32	Q3530-09	PQ071302.D	19 Nov 2025 01:47	YP\AJ	Not Ok
33	Q3530-09	PQ071303.D	19 Nov 2025 02:01	YP\AJ	Not Ok
34	Q3530-09	PQ071304.D	19 Nov 2025 02:16	YP\AJ	Not Ok
35	Q3530-09	PQ071305.D	19 Nov 2025 02:31	YP\AJ	Not Ok
36	Q3530-09	PQ071306.D	19 Nov 2025 02:45	YP\AJ	Ok,M
37	Q3530-09	PQ071307.D	19 Nov 2025 03:00	YP\AJ	Ok
38	AR1660CCC500	PQ071308.D	19 Nov 2025 03:58	YP\AJ	Ok
39	I.BLK	PQ071309.D	19 Nov 2025 04:30	YP\AJ	Ok
40	Q3530-02	PQ071310.D	19 Nov 2025 04:44	YP\AJ	Not Ok
41	Q3530-02	PQ071311.D	19 Nov 2025 04:59	YP\AJ	Ok,M
42	Q3530-02	PQ071312.D	19 Nov 2025 05:14	YP\AJ	Ok,M
43	Q3530-02	PQ071313.D	19 Nov 2025 05:28	YP\AJ	Ok,M
44	Q3530-02	PQ071314.D	19 Nov 2025 05:43	YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM		
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM		
SubDirectory	PQ111825	HP Acquire Method		HP Processing Method	PQ111825

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	Q3530-02	PQ071315.D	19 Nov 2025 05:57	YP\AJ	Ok,M
46	Q3530-02	PQ071316.D	19 Nov 2025 06:12	YP\AJ	Ok
47	Q3530-02	PQ071317.D	19 Nov 2025 06:27	YP\AJ	Ok,M
48	AR1660CCC500	PQ071318.D	19 Nov 2025 07:25	YP\AJ	Ok
49	I.BLK	PQ071319.D	19 Nov 2025 08:09	YP\AJ	Ok
50	Q3530-08	PQ071320.D	19 Nov 2025 08:23	YP\AJ	Not Ok
51	Q3530-08	PQ071321.D	19 Nov 2025 08:38	YP\AJ	Ok,M
52	Q3530-08	PQ071322.D	19 Nov 2025 08:52	YP\AJ	Ok,M
53	Q3530-08	PQ071323.D	19 Nov 2025 09:07	YP\AJ	Ok,M
54	Q3530-08	PQ071324.D	19 Nov 2025 09:21	YP\AJ	Ok,M
55	Q3530-08	PQ071325.D	19 Nov 2025 09:36	YP\AJ	Not Ok
56	Q3530-08	PQ071326.D	19 Nov 2025 09:51	YP\AJ	Ok,M
57	Q3530-08	PQ071327.D	19 Nov 2025 10:05	YP\AJ	Not Ok
58	AR1660CCC500	PQ071328.D	19 Nov 2025 11:03	YP\AJ	Ok
59	I.BLK	PQ071329.D	19 Nov 2025 11:19	YP\AJ	Ok
60	DDT ANALOG	PQ071330.D	19 Nov 2025 11:33	YP\AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	HP Acquire Method		HP Processing Method	PQ111825

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	PQ071363.D	20 Nov 2025 10:47	YP\AJ	Ok
2	AR1660CCC500	PQ071364.D	20 Nov 2025 11:02	YP\AJ	Ok
3	I.BLK	PQ071365.D	20 Nov 2025 11:16	YP\AJ	Ok
4	PB170647BL	PQ071366.D	20 Nov 2025 11:55	YP\AJ	Ok
5	PB170647BS	PQ071367.D	20 Nov 2025 12:10	YP\AJ	Ok
6	Q3680-01	PQ071368.D	20 Nov 2025 12:24	YP\AJ	Ok,M
7	Q3680-02	PQ071369.D	20 Nov 2025 12:39	YP\AJ	Ok,M
8	Q3683-01	PQ071370.D	20 Nov 2025 12:54	YP\AJ	Ok,M
9	Q3683-02	PQ071371.D	20 Nov 2025 13:08	YP\AJ	Ok,M
10	Q3684-01	PQ071372.D	20 Nov 2025 13:23	YP\AJ	Ok,M
11	Q3684-02	PQ071373.D	20 Nov 2025 13:37	YP\AJ	Ok,M
12	PB170650BL	PQ071374.D	20 Nov 2025 15:05	YP\AJ	Ok
13	AR1660CCC500	PQ071375.D	20 Nov 2025 16:25	YP\AJ	Ok
14	I.BLK	PQ071376.D	20 Nov 2025 16:40	YP\AJ	Ok
15	PB170650BS	PQ071377.D	20 Nov 2025 16:54	YP\AJ	Ok
16	PB170654BL	PQ071378.D	20 Nov 2025 17:09	YP\AJ	Ok
17	PB170654BS	PQ071379.D	20 Nov 2025 17:23	YP\AJ	Ok,M
18	PB170654BSD	PQ071380.D	20 Nov 2025 17:38	YP\AJ	Ok
19	Q3663-06	PQ071381.D	20 Nov 2025 17:53	YP\AJ	Ok
20	Q3681-01	PQ071382.D	20 Nov 2025 18:07	YP\AJ	Ok,M
21	Q3681-01MS	PQ071383.D	20 Nov 2025 18:22	YP\AJ	Ok,M

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	HP Acquire Method		HP Processing Method	PQ111825

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	Q3681-01MSD	PQ071384.D	20 Nov 2025 18:36	YP\AJ	Ok,M
23	Q3686-01	PQ071385.D	20 Nov 2025 18:51	YP\AJ	Ok,M
24	AR1660CCC500	PQ071386.D	20 Nov 2025 19:49	YP\AJ	Ok,M
25	I.BLK	PQ071387.D	20 Nov 2025 20:33	YP\AJ	Ok
26	PB170653BL	PQ071388.D	20 Nov 2025 20:47	YP\AJ	Ok
27	PB170653BS	PQ071389.D	20 Nov 2025 21:02	YP\AJ	Ok
28	Q3672-01	PQ071390.D	20 Nov 2025 21:16	YP\AJ	Ok
29	Q3672-01MS	PQ071391.D	20 Nov 2025 21:31	YP\AJ	Ok
30	Q3672-01MSD	PQ071392.D	20 Nov 2025 21:46	YP\AJ	Ok
31	Q3672-02	PQ071393.D	20 Nov 2025 22:00	YP\AJ	Dilution
32	Q3672-03	PQ071394.D	20 Nov 2025 22:15	YP\AJ	Dilution
33	Q3672-04	PQ071395.D	20 Nov 2025 22:29	YP\AJ	Dilution
34	Q3672-05	PQ071396.D	20 Nov 2025 22:44	YP\AJ	Dilution
35	Q3672-06	PQ071397.D	20 Nov 2025 22:58	YP\AJ	Ok,M
36	AR1660CCC500	PQ071398.D	20 Nov 2025 23:57	YP\AJ	Ok,M
37	I.BLK	PQ071399.D	21 Nov 2025 00:40	YP\AJ	Ok
38	Q3672-07	PQ071400.D	21 Nov 2025 00:55	YP\AJ	Ok,M
39	Q3672-08	PQ071401.D	21 Nov 2025 01:10	YP\AJ	Ok
40	Q3672-09	PQ071402.D	21 Nov 2025 01:24	YP\AJ	Ok
41	Q3672-10	PQ071403.D	21 Nov 2025 01:39	YP\AJ	Ok
42	Q3672-11	PQ071404.D	21 Nov 2025 01:53	YP\AJ	Dilution
43	Q3672-12	PQ071405.D	21 Nov 2025 02:08	YP\AJ	Dilution
44	Q3672-13	PQ071406.D	21 Nov 2025 02:22	YP\AJ	Dilution

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	HP Acquire Method		HP Processing Method	PQ111825

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	Q3672-14	PQ071407.D	21 Nov 2025 02:37	YP\AJ	Ok
46	Q3672-15	PQ071408.D	21 Nov 2025 02:52	YP\AJ	Ok,M
47	Q3672-16	PQ071409.D	21 Nov 2025 03:06	YP\AJ	Ok,M
48	AR1660CCC500	PQ071410.D	21 Nov 2025 04:33	YP\AJ	Ok
49	I.BLK	PQ071411.D	21 Nov 2025 04:47	YP\AJ	Ok
50	Q3672-17	PQ071412.D	21 Nov 2025 05:02	YP\AJ	Ok
51	Q3672-18	PQ071413.D	21 Nov 2025 05:17	YP\AJ	Ok
52	Q3672-19	PQ071414.D	21 Nov 2025 05:31	YP\AJ	Ok
53	AR1660CCC500	PQ071415.D	21 Nov 2025 06:58	YP\AJ	Ok
54	I.BLK	PQ071416.D	21 Nov 2025 07:13	YP\AJ	Ok

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 # PO112025

Review By	Rahul	Review On	11/20/2025 10:38:34 AM		
Supervise By	Sohil	Supervise On	12/1/2025 2:13:38 PM		
SubDirectory	PO112025	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	PO115254.D	20 Nov 2025 10:33		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO115255.D	20 Nov 2025 10:51		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO115256.D	20 Nov 2025 11:09		YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO115257.D	20 Nov 2025 11:28		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO115258.D	20 Nov 2025 11:46		YP/AJ	Ok,M
6	AR1268CCC500	AR1268CCC500	PO115259.D	20 Nov 2025 12:05		YP/AJ	Ok
7	I.BLK	I.BLK	PO115260.D	20 Nov 2025 12:23		YP/AJ	Ok
8	PB170574BL	PB170574BL	PO115261.D	20 Nov 2025 13:05		YP/AJ	Ok
9	Q3636-01	AUD-25-0114	PO115262.D	20 Nov 2025 13:24		YP/AJ	Ok
10	Q3663-01	2053	PO115263.D	20 Nov 2025 13:42		YP/AJ	Ok,M
11	Q3663-02	2054	PO115264.D	20 Nov 2025 14:00		YP/AJ	Ok,M
12	Q3667-05	LEFT-SIDE-FLOOR	PO115265.D	20 Nov 2025 14:19	AR1268 HIT	YP/AJ	Ok,M
13	Q3663-07	60491	PO115266.D	20 Nov 2025 14:37		YP/AJ	Ok,M
14	Q3663-08	1102	PO115267.D	20 Nov 2025 14:55		YP/AJ	Ok
15	Q3663-09	1103	PO115268.D	20 Nov 2025 15:14		YP/AJ	Ok,M
16	Q3687-01	N43502	PO115269.D	20 Nov 2025 15:32		YP/AJ	Ok
17	Q3673-02	C0AG7	PO115270.D	20 Nov 2025 15:50	AR1260 Hit	YP/AJ	Ok
18	AR1660CCC500	AR1660CCC500	PO115271.D	20 Nov 2025 17:04		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112025

Review By	Rahul	Review On	11/20/2025 10:38:34 AM		
Supervise By	Sohil	Supervise On	12/1/2025 2:13:38 PM		
SubDirectory	PO112025	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	AR1242CCC500	AR1242CCC500	PO115272.D	20 Nov 2025 17:59		YP/AJ	Ok,M
20	AR1248CCC500	AR1248CCC500	PO115273.D	20 Nov 2025 18:17		YP/AJ	Ok,M
21	AR1254CCC500	AR1254CCC500	PO115274.D	20 Nov 2025 18:36		YP/AJ	Ok,M
22	AR1268CCC500	AR1268CCC500	PO115275.D	20 Nov 2025 18:54		YP/AJ	Ok,M
23	I.BLK	I.BLK	PO115276.D	20 Nov 2025 19:13		YP/AJ	Ok,M
24	Q3673-03	C0AG8	PO115277.D	20 Nov 2025 19:31	AR1260 Hit	YP/AJ	Ok,M
25	Q3673-04	C0AG9	PO115278.D	20 Nov 2025 19:49	AR1254+1260 Hit	YP/AJ	Ok,M
26	Q3673-05	C0AH0	PO115279.D	20 Nov 2025 20:08	AR1254+1260+1248 Hit , Need 10x dilution	YP/AJ	Dilution
27	Q3673-06	C0AH1	PO115280.D	20 Nov 2025 20:26	AR1254+1260 Hit, Need 10X	YP/AJ	Dilution
28	Q3673-07	C0AH2	PO115281.D	20 Nov 2025 20:44	AR1242+1260 Hit, Need DILTION	YP/AJ	Dilution
29	Q3673-08	C0AH3	PO115282.D	20 Nov 2025 21:03	AR1254+1260 Hit	YP/AJ	Ok,M
30	Q3673-09	C0AH4	PO115283.D	20 Nov 2025 21:21	AR1254+1260 Hit	YP/AJ	Ok,M
31	Q3673-10	C0AH5	PO115284.D	20 Nov 2025 21:40	AR1260 Hit	YP/AJ	Ok,M
32	Q3673-11	C0AH6	PO115285.D	20 Nov 2025 21:58	AR1260 Hit	YP/AJ	Ok
33	Q3673-12	C0AH7	PO115286.D	20 Nov 2025 22:16	AR1260 Hit	YP/AJ	Ok,M
34	AR1660CCC500	AR1660CCC500	PO115287.D	20 Nov 2025 23:30		YP/AJ	Ok,M
35	AR1242CCC500	AR1242CCC500	PO115288.D	21 Nov 2025 00:25		YP/AJ	Ok,M
36	AR1248CCC500	AR1248CCC500	PO115289.D	21 Nov 2025 00:43		YP/AJ	Ok,M
37	AR1254CCC500	AR1254CCC500	PO115290.D	21 Nov 2025 01:01	AR1254-1 Low in 1st column	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112025

Review By	Rahul	Review On	11/20/2025 10:38:34 AM		
Supervise By	Sohil	Supervise On	12/1/2025 2:13:38 PM		
SubDirectory	PO112025	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	AR1268CCC500	AR1268CCC500	PO115291.D	21 Nov 2025 01:20		YP/AJ	Ok,M
39	I.BLK	I.BLK	PO115292.D	21 Nov 2025 01:38		YP/AJ	Ok,M
40	Q3673-01	C0AG6	PO115293.D	21 Nov 2025 01:57	AR1260 Hit	YP/AJ	Ok,M
41	Q3673-13	C0AH8	PO115294.D	21 Nov 2025 02:15	AR1260 Hit	YP/AJ	Ok,M
42	Q3677-01	COMP-1	PO115295.D	21 Nov 2025 02:33		YP/AJ	Ok,M
43	Q3678-01	COMPOSITE-STONE	PO115296.D	21 Nov 2025 02:52		YP/AJ	Ok,M
44	Q3666-02	BUR-25-0102	PO115297.D	21 Nov 2025 03:09	DCB high 1st column,TCMX high 2nd column	YP/AJ	ReRun
45	Q3682-01	3456	PO115298.D	21 Nov 2025 03:27		YP/AJ	Ok,M
46	Q3685-01	4197	PO115299.D	21 Nov 2025 03:46		YP/AJ	Ok,M
47	Q3685-02	4198	PO115300.D	21 Nov 2025 04:04		YP/AJ	Ok,M
48	Q3685-03	4206	PO115301.D	21 Nov 2025 04:22		YP/AJ	Ok,M
49	AR1660CCC500	AR1660CCC500	PO115302.D	21 Nov 2025 05:36		YP/AJ	Ok,M
50	AR1242CCC500	AR1242CCC500	PO115303.D	21 Nov 2025 06:31		YP/AJ	Ok,M
51	AR1248CCC500	AR1248CCC500	PO115304.D	21 Nov 2025 06:48		YP/AJ	Ok,M
52	AR1254CCC500	AR1254CCC500	PO115305.D	21 Nov 2025 07:07		YP/AJ	Ok,M
53	AR1268CCC500	AR1268CCC500	PO115306.D	21 Nov 2025 07:25		YP/AJ	Ok
54	I.BLK	I.BLK	PO115307.D	21 Nov 2025 07:43		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_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM		
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM		
SubDirectory	PQ111825	HP Acquire Method		HP Processing Method	PQ111825

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	PQ071271.D	18 Nov 2025 11:44		YP\AJ	Ok
2	I.BLK	I.BLK	PQ071272.D	18 Nov 2025 11:59		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PQ071273.D	18 Nov 2025 12:13		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PQ071274.D	18 Nov 2025 12:28		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PQ071275.D	18 Nov 2025 12:43		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PQ071276.D	18 Nov 2025 12:57		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PQ071277.D	18 Nov 2025 15:42		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PQ071278.D	18 Nov 2025 16:25		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PQ071279.D	18 Nov 2025 16:39		YP\AJ	Ok
10	AR1242ICC500	AR1242ICC500	PQ071280.D	18 Nov 2025 16:54		YP\AJ	Ok
11	AR1248ICC500	AR1248ICC500	PQ071281.D	18 Nov 2025 17:08		YP\AJ	Ok
12	AR1254ICC500	AR1254ICC500	PQ071282.D	18 Nov 2025 17:23		YP\AJ	Ok
13	AR1262ICC500	AR1262ICC500	PQ071283.D	18 Nov 2025 17:37		YP\AJ	Ok
14	AR1268ICC500	AR1268ICC500	PQ071284.D	18 Nov 2025 17:52		YP\AJ	Ok
15	PQ111825ICV500	ICVPQ111825	PQ071285.D	18 Nov 2025 18:07		YP\AJ	Ok
16	AR1660CCC500	AR1660CCC500	PQ071286.D	18 Nov 2025 18:36		YP\AJ	Ok
17	I.BLK	I.BLK	PQ071287.D	18 Nov 2025 19:05		YP\AJ	Ok
18	PB170532BL	PB170532BL	PQ071288.D	18 Nov 2025 19:20	DCB high in 2nd column	YP\AJ	Not Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM		
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM		
SubDirectory	PQ111825	HP Acquire Method		HP Processing Method	PQ111825

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	Q3530-03	MDL-SOIL-03-QT4-202	PQ071289.D	18 Nov 2025 19:34	AR1660 MDL SOIL 25PPB	YP\AJ	Ok
20	Q3530-03	MDL-SOIL-03-QT4-202	PQ071290.D	18 Nov 2025 19:49	AR1221 MDL SOIL 25PPB, failing high	YP\AJ	Not Ok
21	Q3530-03	MDL-SOIL-03-QT4-202	PQ071291.D	18 Nov 2025 20:03	AR1232 MDL SOIL 25PPB, failing high in 1st column	YP\AJ	Not Ok
22	Q3530-03	MDL-SOIL-03-QT4-202	PQ071292.D	18 Nov 2025 20:18	AR1242 MDL SOIL 25PPB, failing high in 2d column	YP\AJ	Not Ok
23	Q3530-03	MDL-SOIL-03-QT4-202	PQ071293.D	18 Nov 2025 20:33	AR1248 MDL SOIL 25PPB, failing high	YP\AJ	Not Ok
24	Q3530-03	MDL-SOIL-03-QT4-202	PQ071294.D	18 Nov 2025 20:47	AR1254 MDL SOIL 25PPB, failing high	YP\AJ	Not Ok
25	Q3530-03	MDL-SOIL-03-QT4-202	PQ071295.D	18 Nov 2025 21:02	AR1262 MDL SOIL 25PPB	YP\AJ	Not Ok
26	Q3530-03	MDL-SOIL-03-QT4-202	PQ071296.D	18 Nov 2025 21:16	AR1268 MDL SOIL 25PPB	YP\AJ	Ok
27	AR1660CCC500	AR1660CCC500	PQ071297.D	18 Nov 2025 22:14		YP\AJ	Ok
28	I.BLK	I.BLK	PQ071298.D	19 Nov 2025 00:49		YP\AJ	Ok
29	PB170530BL	PB170530BL	PQ071299.D	19 Nov 2025 01:03		YP\AJ	Ok
30	Q3530-09	MDL-WATER-03-QT4-2	PQ071300.D	19 Nov 2025 01:18	AR1660 MDL WATER 25PPB	YP\AJ	Ok
31	Q3530-09	MDL-WATER-03-QT4-2	PQ071301.D	19 Nov 2025 01:32	AR1221 MDL WATER 25PPB, failing high	YP\AJ	Not Ok
32	Q3530-09	MDL-WATER-03-QT4-2	PQ071302.D	19 Nov 2025 01:47	AR1232 MDL WATER 25PPB, failing high in 1st column	YP\AJ	Not Ok
33	Q3530-09	MDL-WATER-03-QT4-2	PQ071303.D	19 Nov 2025 02:01	AR1242 MDL WATER 25PPB, failing high in 2d column	YP\AJ	Not Ok
34	Q3530-09	MDL-WATER-03-QT4-2	PQ071304.D	19 Nov 2025 02:16	AR1248 MDL WATER 25PPB, failing high	YP\AJ	Not Ok
35	Q3530-09	MDL-WATER-03-QT4-2	PQ071305.D	19 Nov 2025 02:31	AR1254 MDL WATER 25PPB, failing high	YP\AJ	Not Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM		
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM		
SubDirectory	PQ111825	HP Acquire Method		HP Processing Method	PQ111825

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	Q3530-09	MDL-WATER-03-QT4-2	PQ071306.D	19 Nov 2025 02:45	AR1262 MDL WATER 25PPB	YP\AJ	Ok,M
37	Q3530-09	MDL-WATER-03-QT4-2	PQ071307.D	19 Nov 2025 03:00	AR1268 MDL WATER 25PPB	YP\AJ	Ok
38	AR1660CCC500	AR1660CCC500	PQ071308.D	19 Nov 2025 03:58		YP\AJ	Ok
39	I.BLK	I.BLK	PQ071309.D	19 Nov 2025 04:30		YP\AJ	Ok
40	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071310.D	19 Nov 2025 04:44	AR1660 LOQ SOIL 50PPB, failing low	YP\AJ	Not Ok
41	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071311.D	19 Nov 2025 04:59	AR1221 LOQ SOIL 50PPB	YP\AJ	Ok,M
42	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071312.D	19 Nov 2025 05:14	AR1232 LOQ SOIL 50PPB	YP\AJ	Ok,M
43	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071313.D	19 Nov 2025 05:28	AR1242 LOQ SOIL 50PPB	YP\AJ	Ok,M
44	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071314.D	19 Nov 2025 05:43	AR1248 LOQ SOIL 50PPB	YP\AJ	Ok
45	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071315.D	19 Nov 2025 05:57	AR1254 LOQ SOIL 50PPB	YP\AJ	Ok,M
46	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071316.D	19 Nov 2025 06:12	AR1262 LOQ SOIL 50PPB	YP\AJ	Ok
47	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071317.D	19 Nov 2025 06:27	AR1268 LOQ SOIL 50PPB	YP\AJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PQ071318.D	19 Nov 2025 07:25		YP\AJ	Ok
49	I.BLK	I.BLK	PQ071319.D	19 Nov 2025 08:09		YP\AJ	Ok
50	Q3530-08	LOQ-WATER-02-QT4-2	PQ071320.D	19 Nov 2025 08:23	AR1660 LOQ WATER 50PPB , Recovery low	YP\AJ	Not Ok
51	Q3530-08	LOQ-WATER-02-QT4-2	PQ071321.D	19 Nov 2025 08:38	AR1221 LOQ WATER 50PPB	YP\AJ	Ok,M
52	Q3530-08	LOQ-WATER-02-QT4-2	PQ071322.D	19 Nov 2025 08:52	AR1232 LOQ WATER 50PPB	YP\AJ	Ok,M
53	Q3530-08	LOQ-WATER-02-QT4-2	PQ071323.D	19 Nov 2025 09:07	AR1242 LOQ WATER 50PPB	YP\AJ	Ok,M
54	Q3530-08	LOQ-WATER-02-QT4-2	PQ071324.D	19 Nov 2025 09:21	AR1248 LOQ WATER 50PPB	YP\AJ	Ok,M

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM		
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM		
SubDirectory	PQ111825	HP Acquire Method		HP Processing Method	PQ111825

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	

55	Q3530-08	LOQ-WATER-02-QT4-2	PQ071325.D	19 Nov 2025 09:36	AR1254 LOQ WATER 50PPB , AR1254-1 high in 1st column	YP\AJ	Not Ok
56	Q3530-08	LOQ-WATER-02-QT4-2	PQ071326.D	19 Nov 2025 09:51	AR1262 LOQ WATER 50PPB	YP\AJ	Ok,M
57	Q3530-08	LOQ-WATER-02-QT4-2	PQ071327.D	19 Nov 2025 10:05	AR1268 LOQ WATER 50PPB , AR1268-1,2 High in 2nd column , all surrogate fail	YP\AJ	Not Ok
58	AR1660CCC500	AR1660CCC500	PQ071328.D	19 Nov 2025 11:03		YP\AJ	Ok
59	I.BLK	I.BLK	PQ071329.D	19 Nov 2025 11:19		YP\AJ	Ok
60	DDT ANALOG	DDT ANALOG	PQ071330.D	19 Nov 2025 11:33		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	HP Acquire Method		HP Processing Method	PQ111825

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	PQ071363.D	20 Nov 2025 10:47		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ071364.D	20 Nov 2025 11:02		YP\AJ	Ok
3	I.BLK	I.BLK	PQ071365.D	20 Nov 2025 11:16		YP\AJ	Ok
4	PB170647BL	PB170647BL	PQ071366.D	20 Nov 2025 11:55		YP\AJ	Ok
5	PB170647BS	PB170647BS	PQ071367.D	20 Nov 2025 12:10		YP\AJ	Ok
6	Q3680-01	JEC870H-1-1	PQ071368.D	20 Nov 2025 12:24		YP\AJ	Ok,M
7	Q3680-02	JEC870H-1-2	PQ071369.D	20 Nov 2025 12:39		YP\AJ	Ok,M
8	Q3683-01	BC270901-1-1	PQ071370.D	20 Nov 2025 12:54		YP\AJ	Ok,M
9	Q3683-02	BC270901-1-2	PQ071371.D	20 Nov 2025 13:08		YP\AJ	Ok,M
10	Q3684-01	BC283069-1-1	PQ071372.D	20 Nov 2025 13:23		YP\AJ	Ok,M
11	Q3684-02	BC283069-1-2	PQ071373.D	20 Nov 2025 13:37		YP\AJ	Ok,M
12	PB170650BL	PB170650BL	PQ071374.D	20 Nov 2025 15:05		YP\AJ	Ok
13	AR1660CCC500	AR1660CCC500	PQ071375.D	20 Nov 2025 16:25		YP\AJ	Ok
14	I.BLK	I.BLK	PQ071376.D	20 Nov 2025 16:40		YP\AJ	Ok
15	PB170650BS	PB170650BS	PQ071377.D	20 Nov 2025 16:54		YP\AJ	Ok
16	PB170654BL	PB170654BL	PQ071378.D	20 Nov 2025 17:09		YP\AJ	Ok
17	PB170654BS	PB170654BS	PQ071379.D	20 Nov 2025 17:23		YP\AJ	Ok,M
18	PB170654BSD	PB170654BSD	PQ071380.D	20 Nov 2025 17:38		YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	HP Acquire Method		HP Processing Method	PQ111825

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	Q3663-06	2055-56-57	PQ071381.D	20 Nov 2025 17:53		YP\AJ	Ok
20	Q3681-01	ETGI-354	PQ071382.D	20 Nov 2025 18:07		YP\AJ	Ok,M
21	Q3681-01MS	ETGI-354MS	PQ071383.D	20 Nov 2025 18:22		YP\AJ	Ok,M
22	Q3681-01MSD	ETGI-354MSD	PQ071384.D	20 Nov 2025 18:36		YP\AJ	Ok,M
23	Q3686-01	FAIRLAWN-GRAVEL	PQ071385.D	20 Nov 2025 18:51		YP\AJ	Ok,M
24	AR1660CCC500	AR1660CCC500	PQ071386.D	20 Nov 2025 19:49		YP\AJ	Ok,M
25	I.BLK	I.BLK	PQ071387.D	20 Nov 2025 20:33		YP\AJ	Ok
26	PB170653BL	PB170653BL	PQ071388.D	20 Nov 2025 20:47		YP\AJ	Ok
27	PB170653BS	PB170653BS	PQ071389.D	20 Nov 2025 21:02		YP\AJ	Ok
28	Q3672-01	C0AE4	PQ071390.D	20 Nov 2025 21:16	AR1260+1254+1248 Hit	YP\AJ	Ok
29	Q3672-01MS	C0AE4MS	PQ071391.D	20 Nov 2025 21:31		YP\AJ	Ok
30	Q3672-01MSD	C0AE4MSD	PQ071392.D	20 Nov 2025 21:46	AR1260 RPD Fail	YP\AJ	Ok
31	Q3672-02	C0AE5	PQ071393.D	20 Nov 2025 22:00	AR1260+1248 Hit , need 5x dilution	YP\AJ	Dilution
32	Q3672-03	C0AE6	PQ071394.D	20 Nov 2025 22:15	AR1260 Hit , need 100x	YP\AJ	Dilution
33	Q3672-04	C0AE7	PQ071395.D	20 Nov 2025 22:29	AR1260, Need diluted run 20x,200x,F Flag	YP\AJ	Dilution
34	Q3672-05	C0AE8	PQ071396.D	20 Nov 2025 22:44	AR1260 Hit , need 20x	YP\AJ	Dilution
35	Q3672-06	C0AE9	PQ071397.D	20 Nov 2025 22:58	AR1260+1254+1248 Hit	YP\AJ	Ok,M
36	AR1660CCC500	AR1660CCC500	PQ071398.D	20 Nov 2025 23:57		YP\AJ	Ok,M
37	I.BLK	I.BLK	PQ071399.D	21 Nov 2025 00:40		YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	HP Acquire Method		HP Processing Method	PQ111825

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	Q3672-07	C0AF0	PQ071400.D	21 Nov 2025 00:55	AR1260+1254+1248 Hit	YP\AJ	Ok,M
39	Q3672-08	C0AF1	PQ071401.D	21 Nov 2025 01:10	AR1254 Hit	YP\AJ	Ok
40	Q3672-09	C0AF2	PQ071402.D	21 Nov 2025 01:24		YP\AJ	Ok
41	Q3672-10	C0AF7	PQ071403.D	21 Nov 2025 01:39	AR1260+1254+1248 Hit	YP\AJ	Ok
42	Q3672-11	C0AF8	PQ071404.D	21 Nov 2025 01:53	AR1260+1254+1248 Hit need 2x	YP\AJ	Dilution
43	Q3672-12	C0AF9	PQ071405.D	21 Nov 2025 02:08	AR1248+AR1260 Hit ,Need 20X, 100X	YP\AJ	Dilution
44	Q3672-13	C0AG0	PQ071406.D	21 Nov 2025 02:22	AR1260 hit, Need 1000X, 2000X, F Flag	YP\AJ	Dilution
45	Q3672-14	C0AG1	PQ071407.D	21 Nov 2025 02:37	AR1260+1248 Hit	YP\AJ	Ok
46	Q3672-15	C0AG2	PQ071408.D	21 Nov 2025 02:52	AR1260+1254+1248 Hit	YP\AJ	Ok,M
47	Q3672-16	C0AG3	PQ071409.D	21 Nov 2025 03:06	AR1260 hit	YP\AJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PQ071410.D	21 Nov 2025 04:33		YP\AJ	Ok
49	I.BLK	I.BLK	PQ071411.D	21 Nov 2025 04:47		YP\AJ	Ok
50	Q3672-17	C0AG4	PQ071412.D	21 Nov 2025 05:02	AR1260 hit	YP\AJ	Ok
51	Q3672-18	C0AG5	PQ071413.D	21 Nov 2025 05:17		YP\AJ	Ok
52	Q3672-19	C0AK2	PQ071414.D	21 Nov 2025 05:31	AR1260+1254+1248 Hit	YP\AJ	Ok
53	AR1660CCC500	AR1660CCC500	PQ071415.D	21 Nov 2025 06:58		YP\AJ	Ok
54	I.BLK	I.BLK	PQ071416.D	21 Nov 2025 07:13		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/19/2025
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: 11/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137967

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
Q3672-01	C0AE4	1	1.15	10.32	11.47	9.58	81.7	
Q3672-02	C0AE5	2	1.16	10.65	11.81	9.95	82.5	
Q3672-03	C0AE6	3	1.15	10.40	11.55	9.71	82.3	
Q3672-04	C0AE7	4	1.18	10.53	11.71	9.6	80.0	
Q3672-05	C0AE8	5	1.19	10.30	11.49	9.12	77.0	
Q3672-06	C0AE9	6	1.17	10.28	11.45	9.48	80.8	
Q3672-07	C0AF0	7	1.18	10.40	11.58	9.64	81.3	
Q3672-08	C0AF1	8	1.14	10.55	11.69	9.78	81.9	
Q3672-09	C0AF2	9	1.16	10.71	11.87	10.3	85.3	
Q3672-10	C0AF7	10	1.14	10.74	11.88	10.1	83.4	
Q3672-11	C0AF8	11	1.19	10.65	11.84	10.11	83.8	
Q3672-12	C0AF9	12	1.16	10.73	11.89	10.12	83.5	
Q3672-13	C0AG0	13	1.17	10.39	11.56	9.53	80.5	
Q3672-14	C0AG1	14	1.19	10.11	11.3	9.47	81.9	
Q3672-15	C0AG2	15	1.16	10.83	11.99	10.15	83.0	
Q3672-16	C0AG3	16	1.15	10.90	12.05	10.18	82.8	
Q3672-17	C0AG4	17	1.19	10.32	11.51	9.86	84.0	
Q3672-18	C0AG5	18	1.19	10.42	11.61	9.82	82.8	
Q3672-19	C0AK2	19	1.14	10.86	12.00	10.18	83.2	
Q3673-01	C0AG6	20	1.15	10.56	11.71	9.75	81.4	
Q3673-01D	C0AG6DUP	21	1.16	10.57	11.73	9.77	81.5	
Q3673-02	C0AG7	22	1.16	11.02	12.18	10.14	81.5	
Q3673-03	C0AG8	23	1.19	11.00	12.19	10.38	83.5	
Q3673-04	C0AG9	24	1.14	10.07	11.21	9.41	82.1	
Q3673-05	C0AH0	25	1.13	10.58	11.71	9.91	83.0	
Q3673-06	C0AH1	26	1.15	10.40	11.55	9.92	84.3	
Q3673-07	C0AH2	27	1.15	10.85	12.00	10.19	83.3	
Q3673-08	C0AH3	28	1.14	10.42	11.56	9.55	80.7	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/19/2025
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: 11/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137967

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
Q3673-09	C0AH4	29	1.16	10.72	11.88	9.65	79.2	
Q3673-10	C0AH5	30	1.14	10.99	12.13	10.08	81.3	
Q3673-11	C0AH6	31	1.18	10.12	11.3	9.56	82.8	
Q3673-12	C0AH7	32	1.16	10.54	11.7	10.09	84.7	
Q3673-13	C0AH8	33	1.14	10.34	11.48	9.4	79.9	
Q3674-01	C0AH9	34	1.15	10.30	11.45	9.74	83.4	
Q3674-02	C0AJ0	35	1.16	10.16	11.32	9.91	86.1	
Q3674-03	C0AJ1	36	1.13	10.81	11.94	10.28	84.6	
Q3674-04	C0AJ2	37	1.13	10.10	11.23	9.46	82.5	
Q3674-05	C0AJ3	38	1.13	10.36	11.49	9.92	84.8	
Q3674-06	C0AJ4	39	1.18	10.97	12.15	10.59	85.8	
Q3674-07	C0AJ5	40	1.2	10.82	12.02	10.29	84.0	
Q3674-08	C0AJ6	41	1.14	10.13	11.27	9.67	84.2	
Q3674-08D	C0AJ6DUP	42	1.15	10.15	11.3	9.69	84.1	
Q3674-09	C0AJ7	43	1.19	10.43	11.62	9.99	84.4	
Q3674-10	C0AJ8	44	1.19	10.08	11.27	9.69	84.3	
Q3674-11	C0AJ9	45	1.11	10.22	11.33	9.62	83.3	
Q3674-12	C0AK0	46	1.11	10.05	11.16	9.47	83.2	
Q3674-13	C0AK1	47	1.16	10.64	11.8	9.81	81.3	
Q3674-14	C0AK3	48	1.19	10.35	11.54	9.78	83.0	
Q3674-15	C0AK4	49	1.16	10.49	11.65	9.93	83.6	
Q3677-01	COMP-1	50	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3678-01	COMPOSITE-STONE	51	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3679-01	111425-A	52	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3679-02	111825	53	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3680-01	JEC870H-1-1	54	1.00	1.00	2.00	2.00	100.0	PILC
Q3680-02	JEC870H-1-2	55	1.00	1.00	2.00	2.00	100.0	PILC
Q3681-01	ETGI-354	56	1.11	10.58	11.69	9.92	83.3	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/19/2025
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: 11/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137967

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
Q3681-02	ETGI-354-E2	57	1.15	10.32	11.47	9.91	84.9	
Q3683-01	BC270901-1-1	58	1.00	1.00	2.00	2.00	100.0	PILC
Q3683-02	BC270901-1-2	59	1.00	1.00	2.00	2.00	100.0	PILC
Q3684-01	BC283069-1-1	60	1.00	1.00	2.00	2.00	100.0	PILC
Q3684-02	BC283069-1-2	61	1.00	1.00	2.00	2.00	100.0	PILC
Q3686-01	FAIRLAWN-GRAVEL	62	1.00	1.00	2.00	2.00	100.0	PILC
Q3686-02	FAIRLAWN-GRAVEL-E2	63	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

Q3673-PCB

WORKLIST(Hardcopy Internal Chain)

JB 137967

WorkList Name : %1-111925 **WorkList ID :** 193205 **Department :** Wet-Chemistry **Date :** 11-19-2025 08:20:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3672-01	C0AE4	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-02	C0AE5	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-03	C0AE6	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-04	C0AE7	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-05	C0AE8	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-06	C0AE9	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-07	C0AF0	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-08	C0AF1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-09	C0AF2	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-10	C0AF7	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-11	C0AF8	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-12	C0AF9	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-13	C0AG0	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-14	C0AG1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-15	C0AG2	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-16	C0AG3	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-17	C0AG4	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-18	C0AG5	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-19	C0AK2	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-01	C0AG6	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-02	C0AG7	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO

Date/Time 11-19-25 1525

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 11-19-25 1740

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Q3673-PCB

WORKLIST(Hardcopy Internal Chain)

137967

WorkList Name : %1-111925 **WorkList ID :** 193205 **Department :** Wet-Chemistry **Date :** 11-19-2025 08:20:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3673-03	C0AG8	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-04	C0AG9	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-05	C0AH0	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-06	C0AH1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-07	C0AH2	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-08	C0AH3	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-09	C0AH4	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-10	C0AH5	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-11	C0AH6	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-12	C0AH7	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-13	C0AH8	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-01	C0AH9	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-02	C0AJ0	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-03	C0AJ1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-04	C0AJ2	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-05	C0AJ3	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-06	C0AJ4	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-07	C0AJ5	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-08	C0AJ6	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-09	C0AJ7	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-10	C0AJ8	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO

790 of 895

Date/Time 11.19.25 1351

Raw Sample Received by: [signature] (COC)

Raw Sample Relinquished by: [signature]

Date/Time 11.19.25 1740

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature] (COC)

WORKLIST(Hardcopy Internal Chain)

B7967

WorkList Name : %1-111925 **WorkList ID :** 193205 **Department :** Wet-Chemistry **Date :** 11-19-2025 08:20:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3674-11	C0AJ9	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-12	C0AK0	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-13	C0AK1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-14	C0AK3	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-15	C0AK4	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3677-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3678-01	COMPOSITE-STONE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3679-01	111425-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3679-02	111825	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3680-01	JEC870H-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3680-02	JEC870H-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3681-01	ETGI-354	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3681-02	ETGI-354-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3683-01	BC270901-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3683-02	BC270901-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3684-01	BC283069-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	11/19/2025	Chemtech -SO
Q3684-02	BC283069-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	11/19/2025	Chemtech -SO
Q3686-01	FAIRLAWN-GRAVEL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	11/19/2025	Chemtech -SO
Q3686-02	FAIRLAWN-GRAVEL-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	11/19/2025	Chemtech -SO

Date/Time 11.19.25 1515

Raw Sample Received by: TB WOC

Raw Sample Relinquished by:

Date/Time 11.19.25 17:40

Raw Sample Received by:

Raw Sample Relinquished by: TB WOC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170650

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 : 11/20/2025

Extraction Start Time : 08:55

Extraction End Date : 11/20/2025

Extraction End Time : 12:10

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	EP2655
Sand	N/A	E3951
Hexane	N/A	E3984
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
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
11/20/25	RS (Ext-lab)	R. Pest-PCB Lab
12:15	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170650

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/20/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170650BL	ABLK650	PCB	30.01	N/A	ritesh	Evelyn	10			U3-1
PB170650BS	ALCS650	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q3673-01	C0AG6	PCB	30.06	N/A	ritesh	Evelyn	10			3
Q3673-02	C0AG7	PCB	30.04	N/A	ritesh	Evelyn	10			4
Q3673-03	C0AG8	PCB	30.02	N/A	ritesh	Evelyn	10			5
Q3673-04	C0AG9	PCB	30.07	N/A	ritesh	Evelyn	10			6
Q3673-05	C0AH0	PCB	30.05	N/A	ritesh	Evelyn	10			U4-1
Q3673-06	C0AH1	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q3673-07	C0AH2	PCB	30.01	N/A	ritesh	Evelyn	10			3
Q3673-08	C0AH3	PCB	30.06	N/A	ritesh	Evelyn	10			4
Q3673-09	C0AH4	PCB	30.09	N/A	ritesh	Evelyn	10			5
Q3673-10	C0AH5	PCB	30.05	N/A	ritesh	Evelyn	10			6
Q3673-11	C0AH6	PCB	30.03	N/A	ritesh	Evelyn	10			U6-1
Q3673-12	C0AH7	PCB	30.08	N/A	ritesh	Evelyn	10			2
Q3673-13	C0AH8	PCB	30.02	N/A	ritesh	Evelyn	10			3
Q3677-01	COMP-1	PCB	30.05	N/A	ritesh	Evelyn	10			4
Q3678-01	COMPOSITE-STONE	PCB	30.07	N/A	ritesh	Evelyn	10	E	Concrete	5
Q3681-01	ETGI-354	PCB	30.05	N/A	ritesh	Evelyn	10	E		6
Q3681-01MS	ETGI-354MS	PCB	30.01	N/A	ritesh	Evelyn	10	E		U1-1
Q3681-01MS D	ETGI-354MSD	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
Q3686-01	FAIRLAWN-GRAVEL	PCB	30.08	N/A	ritesh	Evelyn	10	E	Concrete	3

RS 11/20.

* **Extracts relinquished on the same date as received.**

Q3673-PCB

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3673 **WorkList ID :** 193235 **Department :** Extraction **Date :** 11-20-2025 08:34:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3673-01	C0AG6	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-02	C0AG7	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-03	C0AG8	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-04	C0AG9	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-05	C0AH0	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-06	C0AH1	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-07	C0AH2	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-08	C0AH3	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-09	C0AH4	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-10	C0AH5	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-11	C0AH6	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-12	C0AH7	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3673-13	C0AH8	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3677-01	COMP-1	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/19/2025	8082A
Q3678-01	COMPOSITE-STONE	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/19/2025	8082A
Q3681-01	ETGI-354	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/19/2025	8082A
Q3686-01	FAIRLAWN-GRAVEL	Solid	PCB	Cool 4 deg C	PSEG03	D11	11/19/2025	8082A

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Date/Time 11/20/25 8:50
Raw Sample Received by: RJ (ExtLab)
Raw Sample Relinquished by:

Date/Time 11/20/25 9:20
Raw Sample Received by:
Raw Sample Relinquished by: RJ (ExtLab)

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Prep Standard - Chemical Standard Summary

Order ID : Q3673

Test : PCB

Prepbatch ID : PB170650,

Sequence ID/Qc Batch ID: po112025,PO112125,PO112525,pq112025,

Standard ID :
EP2655,EP2657,EP2660,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,E3984,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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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2655	10/24/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/24/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Extractions STANDARD PREPARATION LOG

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	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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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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-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)	25C0362006	04/30/2026	11/06/2025 / RUPESH	11/05/2025 / RUPESH	E3984

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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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

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Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

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Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

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

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
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

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

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

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362006
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	4
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	0.2 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 11/5/25
E3984

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

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

M6186

Recieved Date 6/06/25

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

James T Ethier

Jamie Ethier
Vice President Global Quality

P11518 ↓ P11522 AJ 02/21/22

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

AR
04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

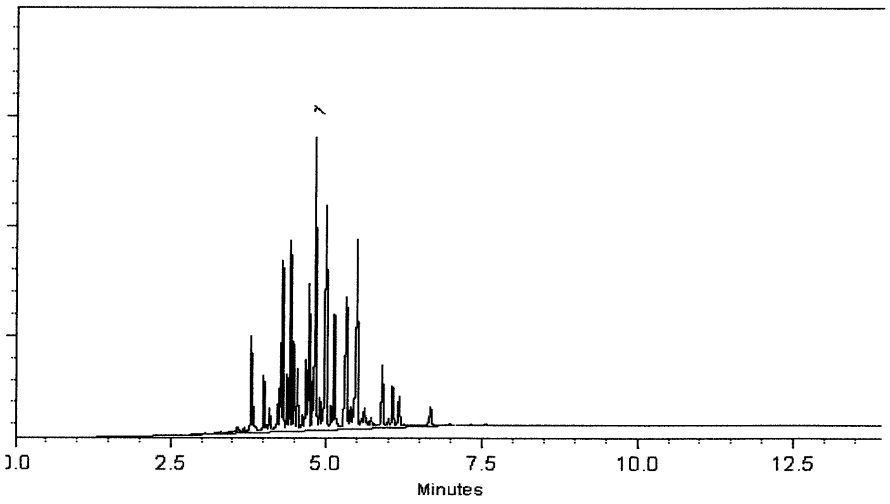
Carrier Gas:
helium-constant pressure 20 psi.

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

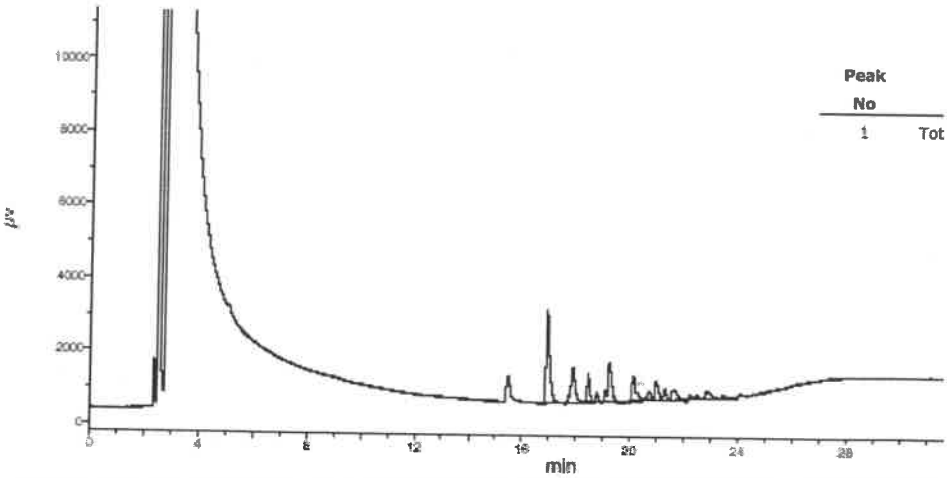
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	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



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

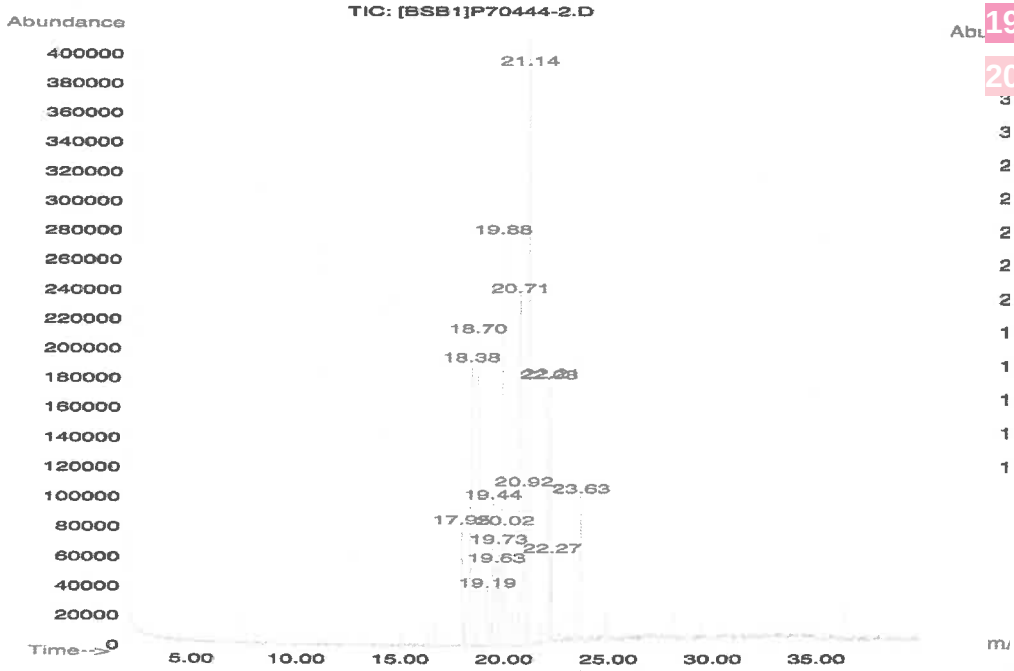
Certified Refere

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).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

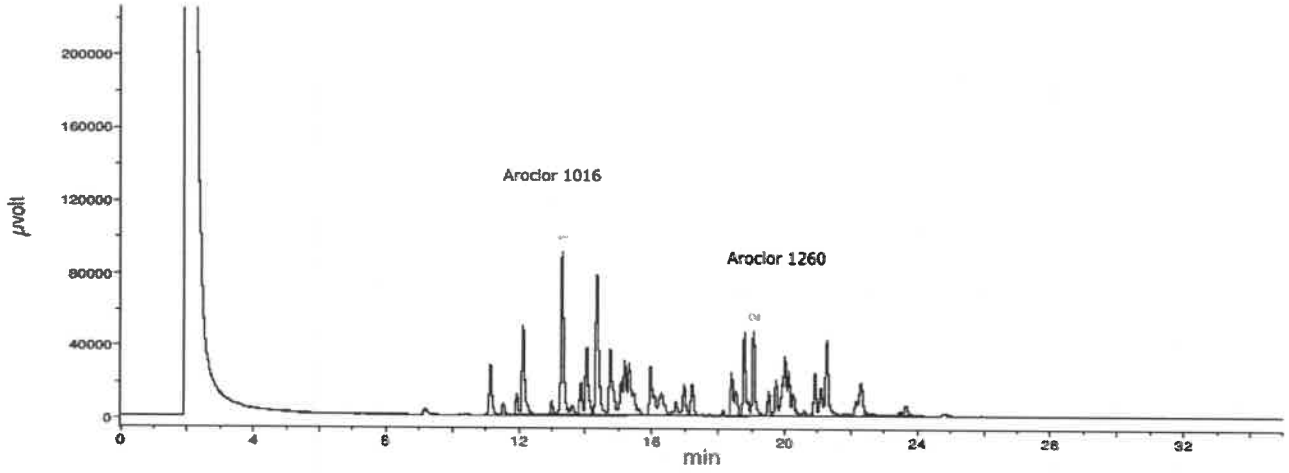
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 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
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



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

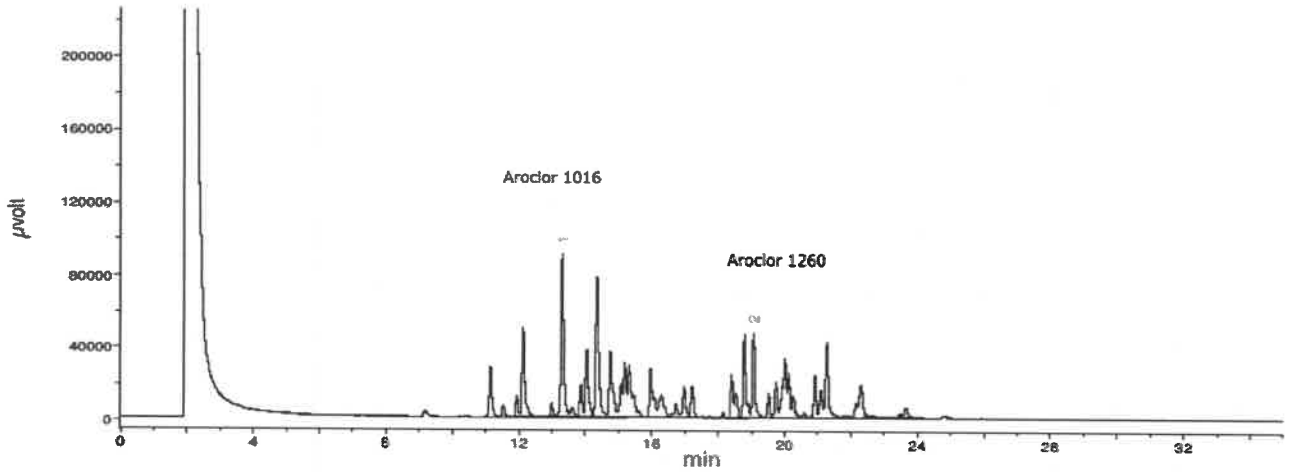
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

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



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y-P 12/20/23

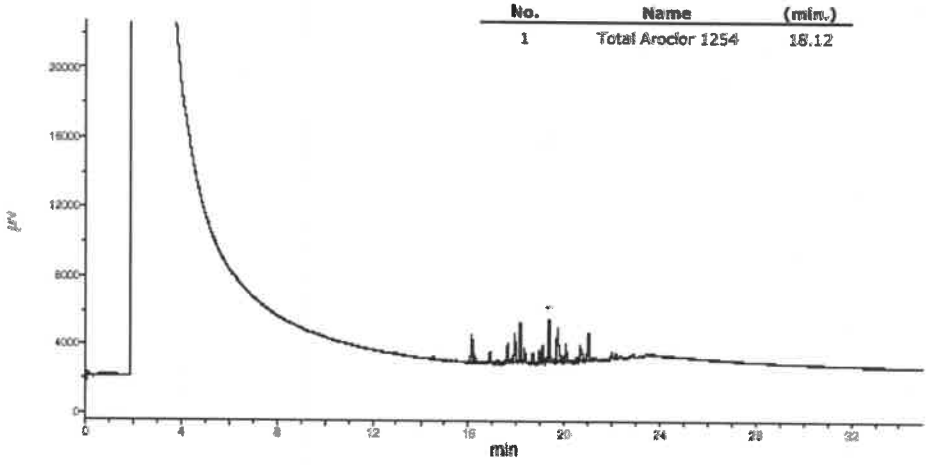
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



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.)

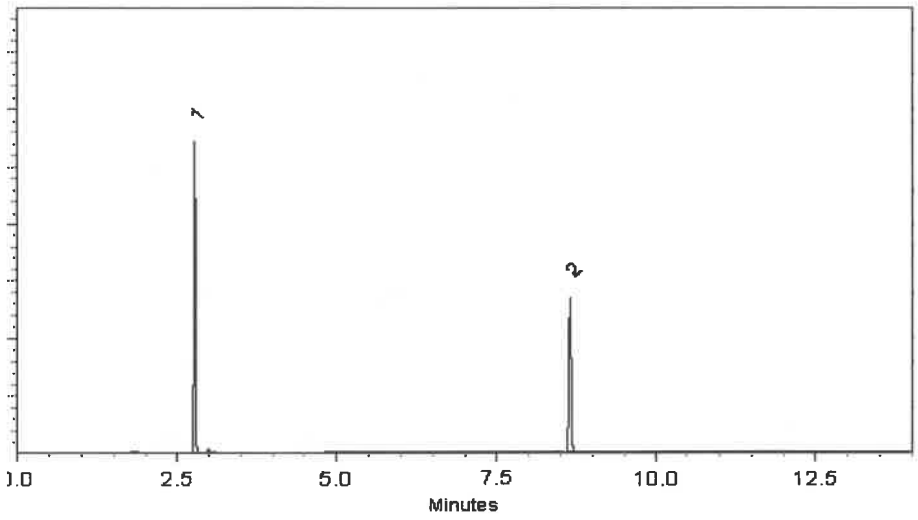
Inj. Temp:
250°C

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)
↓
P13357
04/25/2025

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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. : 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)
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.)

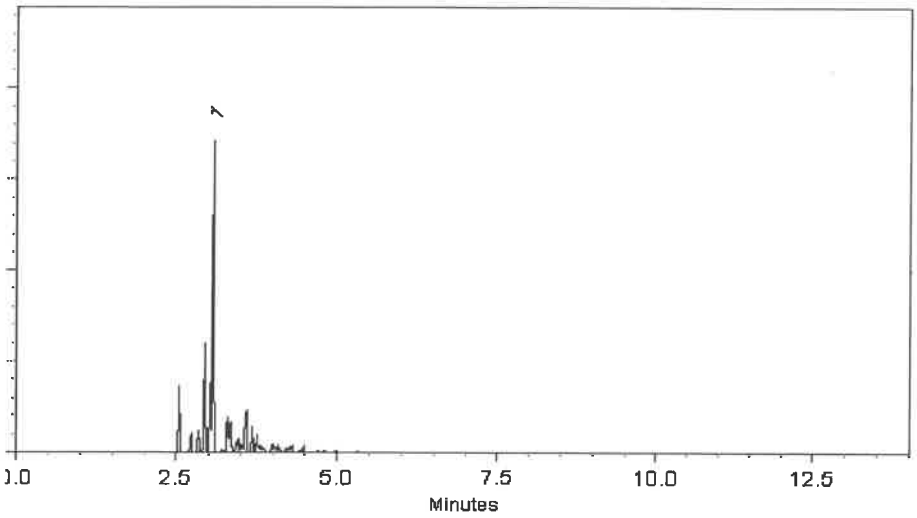
Inj. Temp:
250°C

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

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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

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Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

Page: 2 of 2

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.)

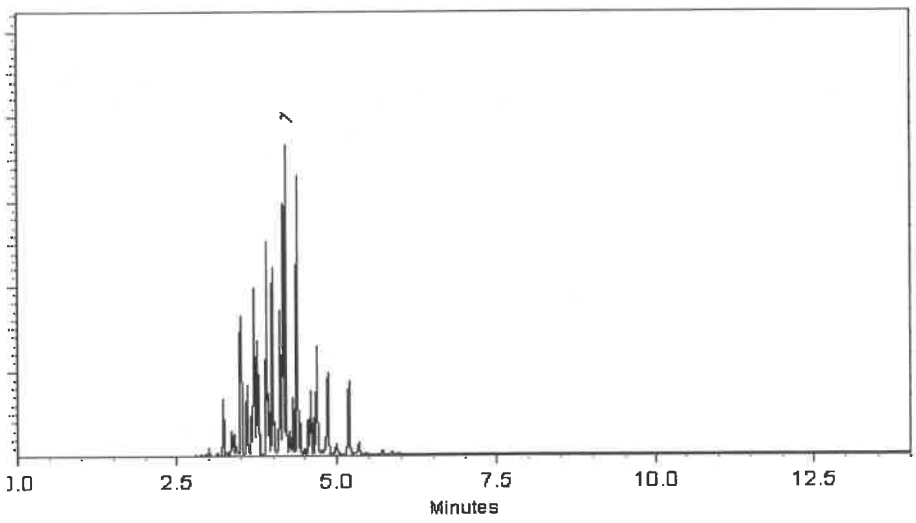
Inj. Temp:
250°C

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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0210629

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13697 ↓ P13701 } Y.P. 10/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

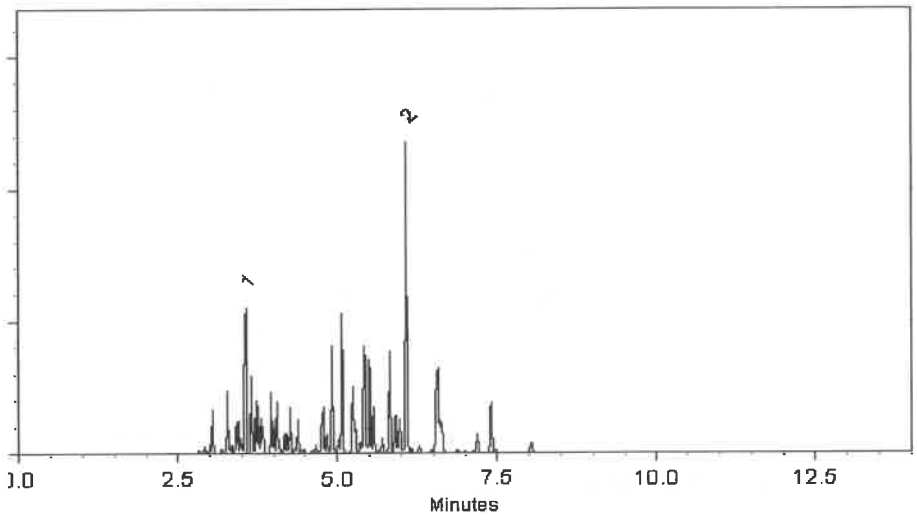
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** 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.)

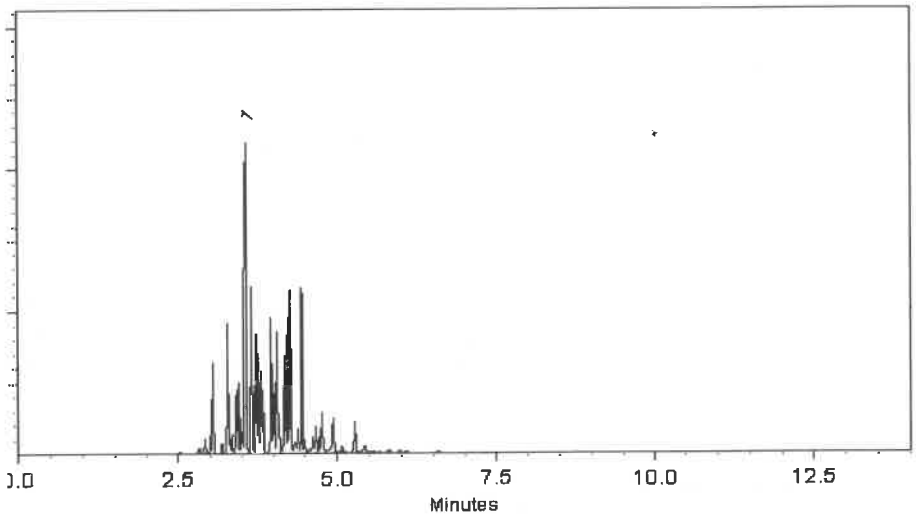
Inj. Temp:
250°C

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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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.)

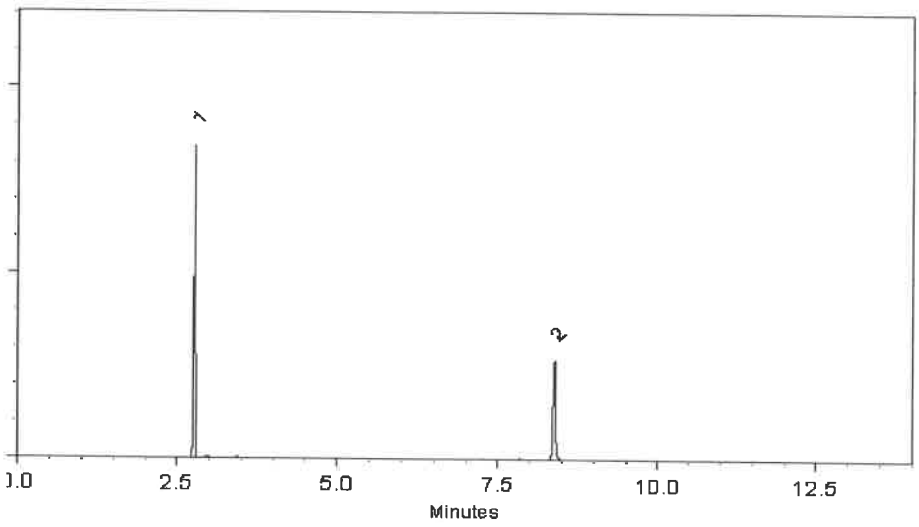
Inj. Temp:
250°C

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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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13830
↓
P13832
↓
P13834

AJ
12/09/24

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

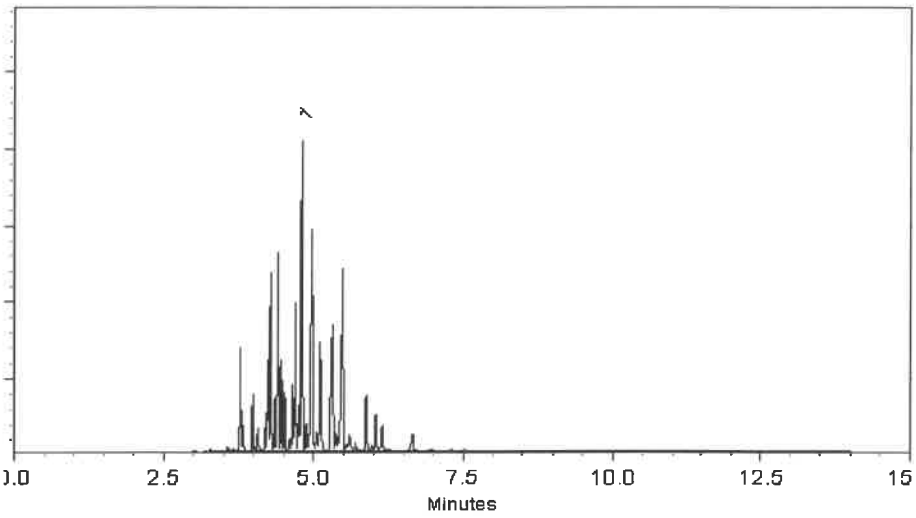
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I **Date Mixed:** 02-Oct-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 07-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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. : 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.)

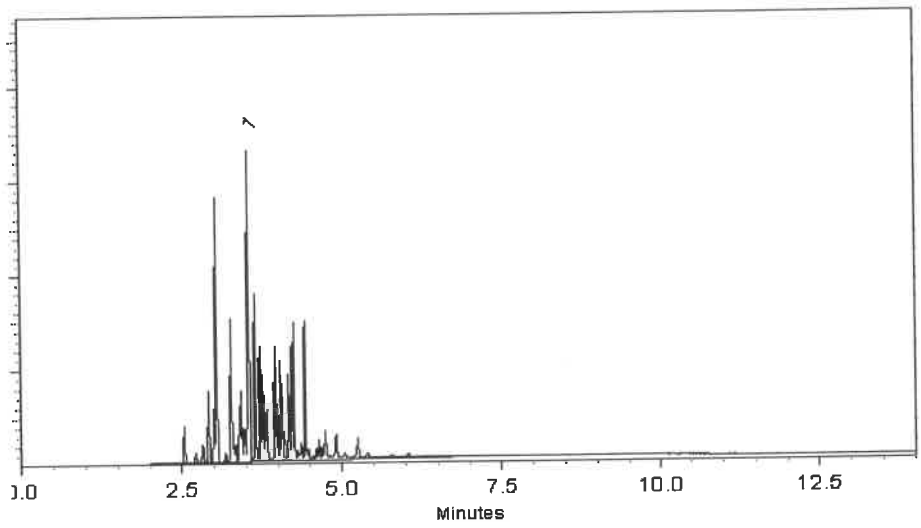
Inj. Temp:
250°C

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

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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. : 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.)

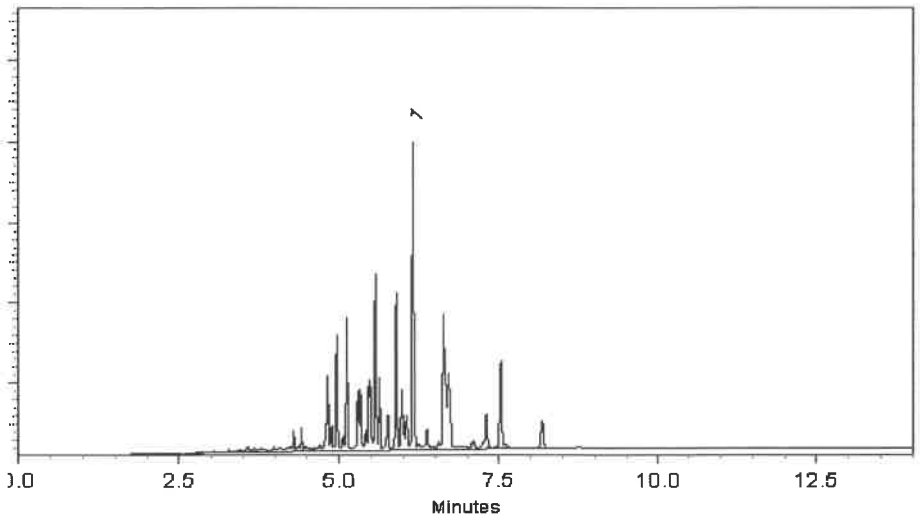
Inj. Temp:
250°C

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

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110 Benner Circle
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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

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** 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.)

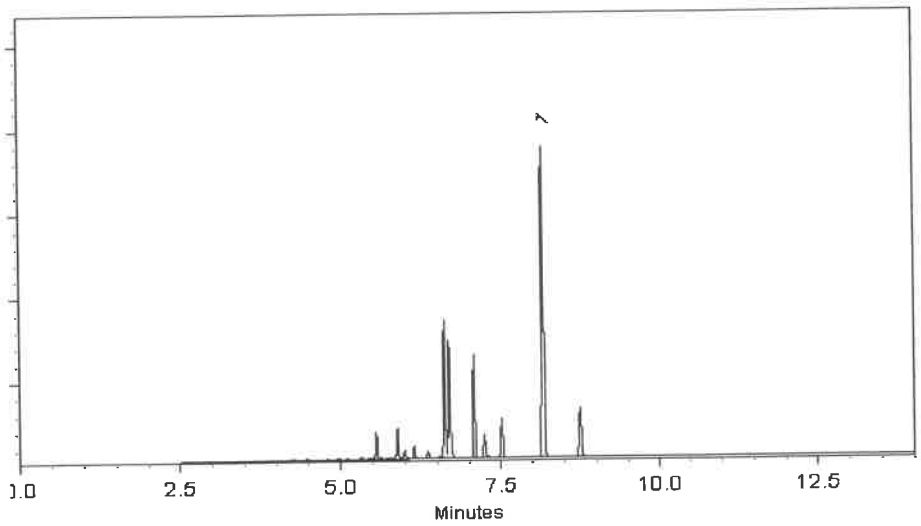
Inj. Temp:
250°C

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112425\
Data File : PO115376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 14:40
Operator : YP/AJ
Sample : Q3673-07DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 14:59:42 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...	4.332	3.642	10823055	6999073	1.538m	1.567
2)	SA Decachlor...	9.915	8.627	10496395	6139557	2.375	1.573 #
	Target Compounds						
16)	L4 AR-1242-1	5.478	4.719	1957.7E6	1347.8E6	10511.869	9217.365m
17)	L4 AR-1242-2	5.500	4.737	5736.1E6	3464.0E6	19198.676	16722.130m
18)	L4 AR-1242-3	5.564	4.912	767.9E6	1719.6E6	4480.718	15356.921 #
19)	L4 AR-1242-4	5.657	4.996	2595.5E6	1542.9E6	18127.135	14402.358
20)	L4 AR-1242-5	6.383	5.516	574.1E6	745.6E6	4072.619	5217.206 #
31)	L7 AR-1260-1	7.061	6.195	80115098	82132326	262.128	277.373
32)	L7 AR-1260-2	7.315	6.383	112.4E6	95696211	284.011	222.533
33)	L7 AR-1260-3	7.673	6.535	81654307	82236336	246.082	234.191
34)	L7 AR-1260-4	7.894	7.006	78181214	65233259	256.315	215.271
35)	L7 AR-1260-5	8.200	7.247	166.1E6	175.7E6	232.952	213.828

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

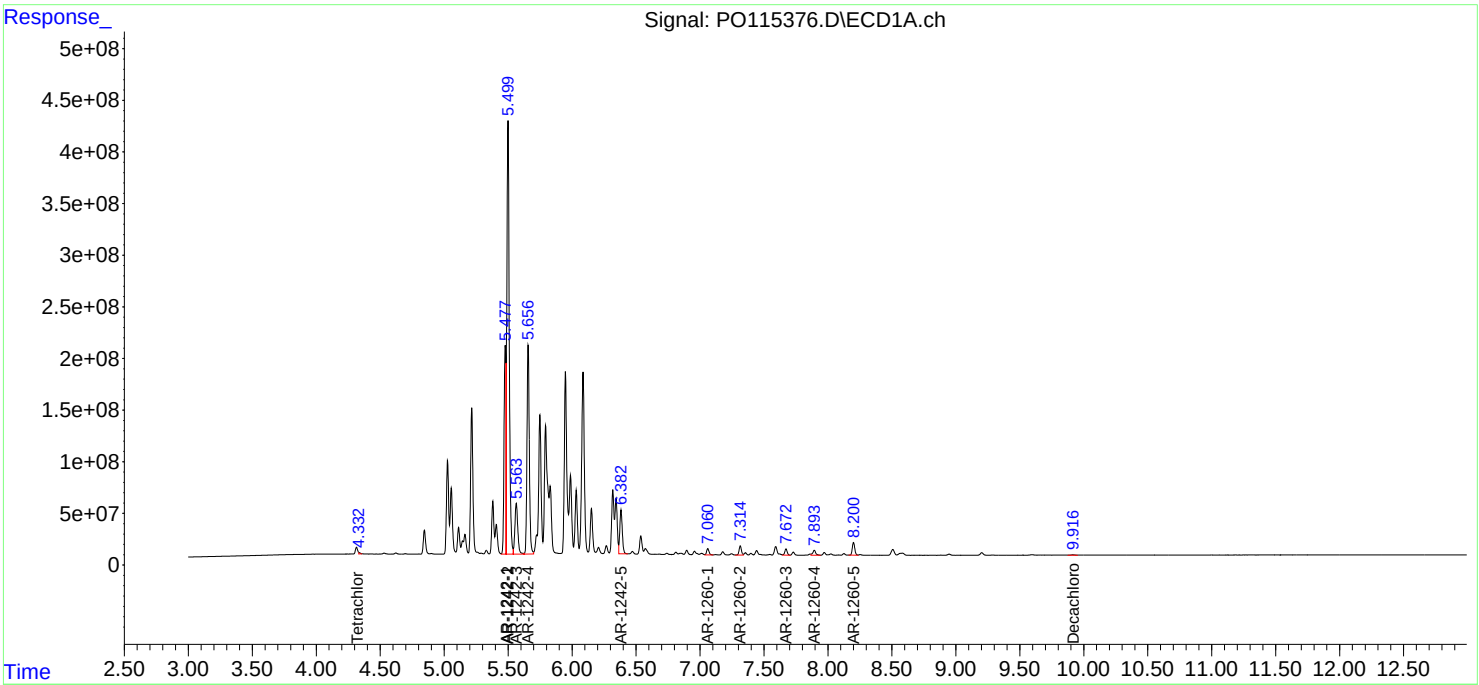
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112425\
Data File : PO115376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 14:40
Operator : YP/AJ
Sample : Q3673-07DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

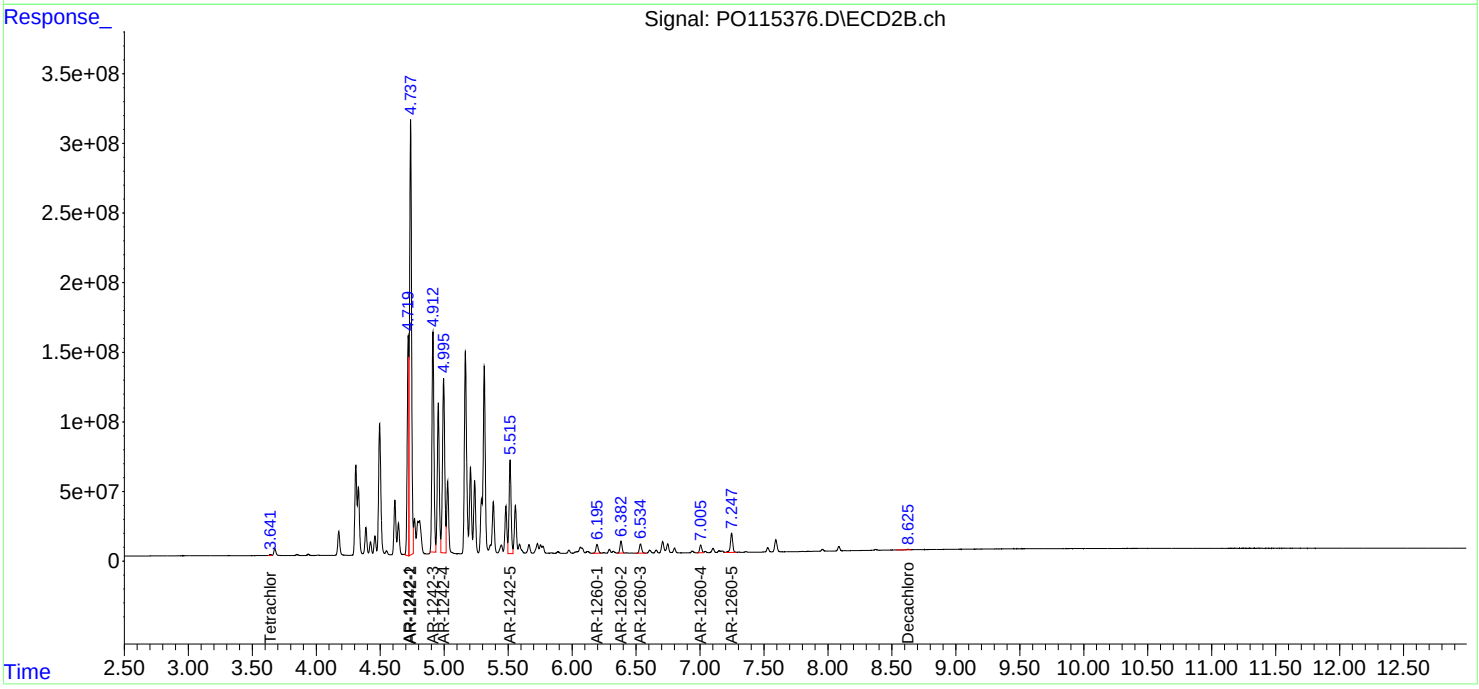
Instrument :
ECD_O
ClientSampleId :
C0AH2DL

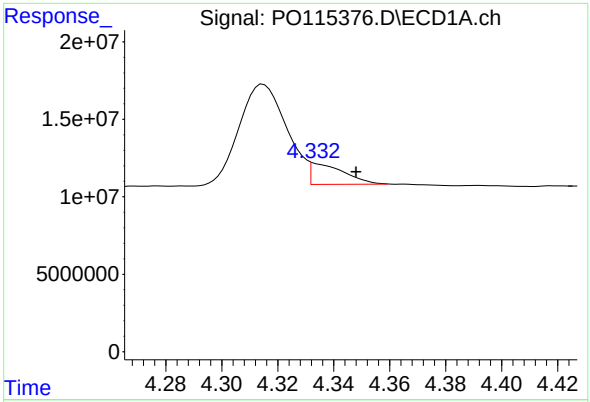
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 14:59:42 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







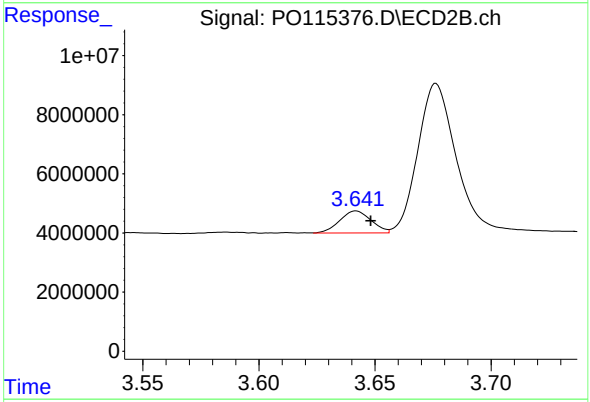
#1 Tetrachloro-m-xylene

R.T.: 4.332 min
Delta R.T.: -0.016 min
Response: 10823055
Conc: 1.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

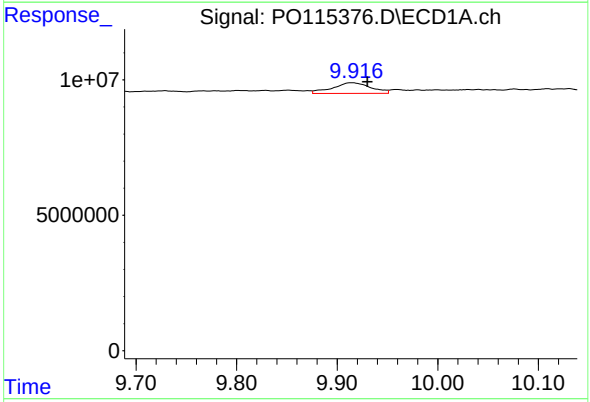
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



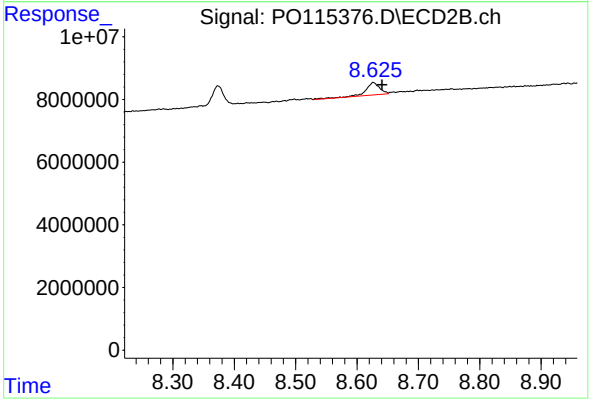
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.006 min
Response: 6999073
Conc: 1.57 ng/ml



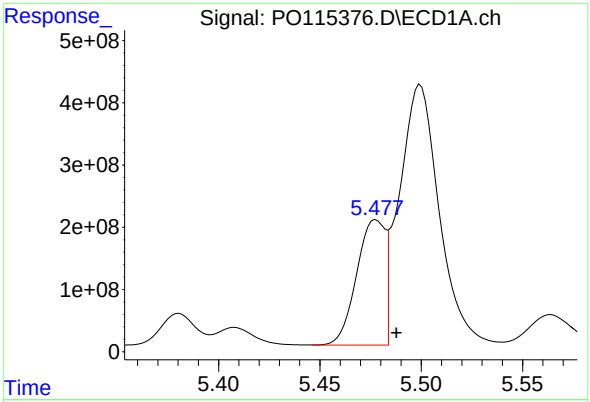
#2 Decachlorobiphenyl

R.T.: 9.915 min
Delta R.T.: -0.015 min
Response: 10496395
Conc: 2.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.627 min
Delta R.T.: -0.014 min
Response: 6139557
Conc: 1.57 ng/ml



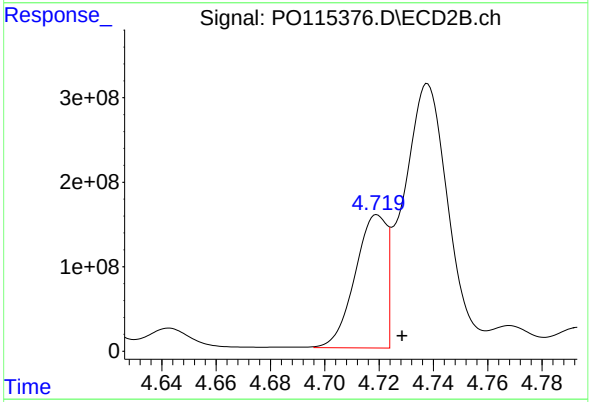
#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: -0.010 min
Response: 1957738355
Conc: 10511.87 ng/

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

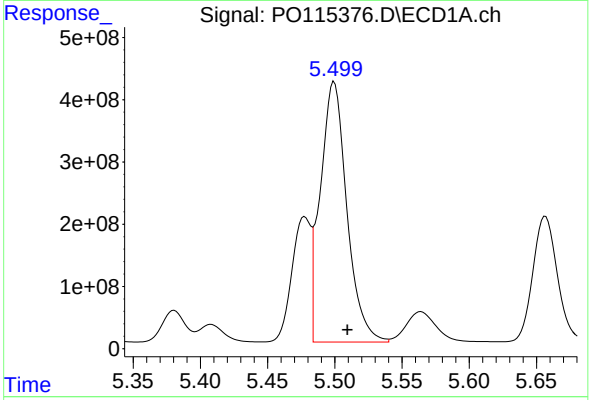
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



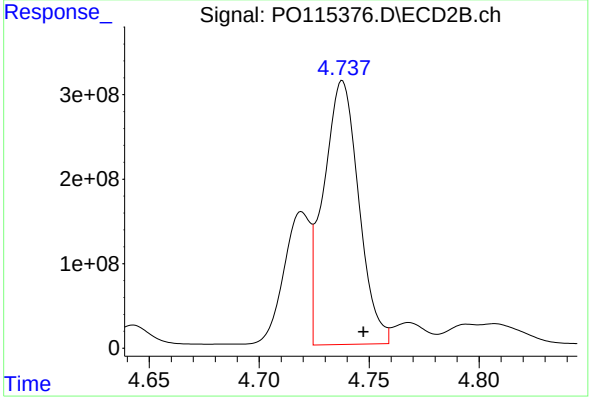
#16 AR-1242-1

R.T.: 4.719 min
Delta R.T.: -0.010 min
Response: 1347777780
Conc: 9217.37 ng/ml m



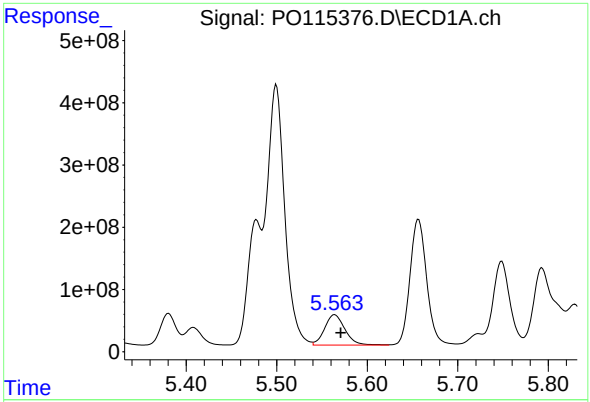
#17 AR-1242-2

R.T.: 5.500 min
Delta R.T.: -0.010 min
Response: 5736107119
Conc: 19198.68 ng/ml



#17 AR-1242-2

R.T.: 4.737 min
Delta R.T.: -0.010 min
Response: 3463953918
Conc: 16722.13 ng/ml m



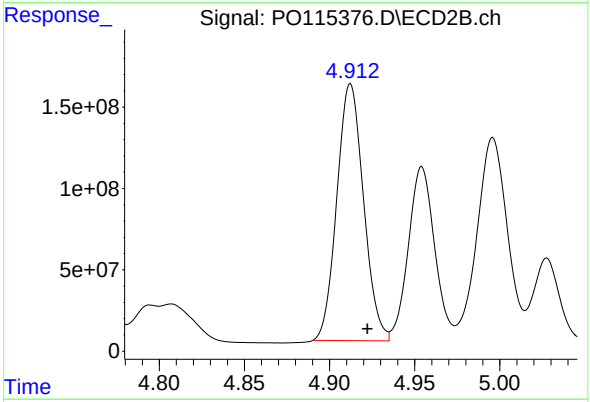
#18 AR-1242-3

R.T.: 5.564 min
Delta R.T.: -0.007 min
Response: 767855603
Conc: 4480.72 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

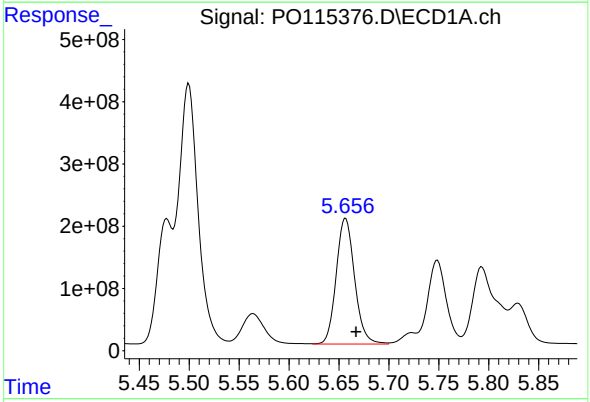
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



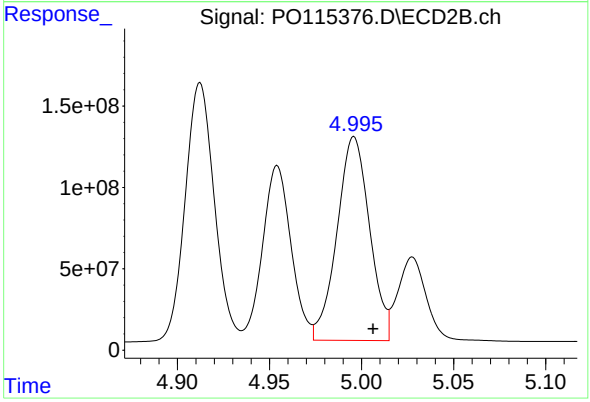
#18 AR-1242-3

R.T.: 4.912 min
Delta R.T.: -0.010 min
Response: 1719629930
Conc: 15356.92 ng/ml



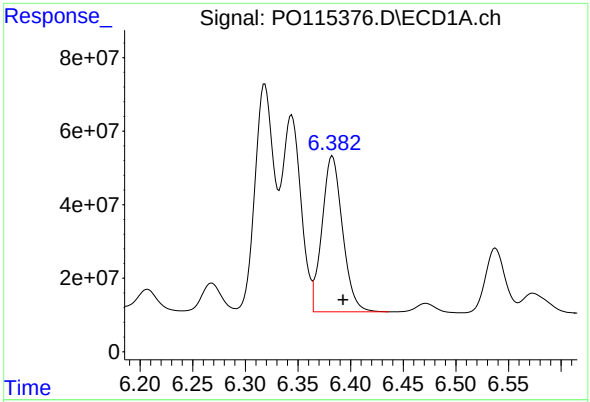
#19 AR-1242-4

R.T.: 5.657 min
Delta R.T.: -0.010 min
Response: 2595509067
Conc: 18127.14 ng/ml



#19 AR-1242-4

R.T.: 4.996 min
Delta R.T.: -0.010 min
Response: 1542941178
Conc: 14402.36 ng/ml



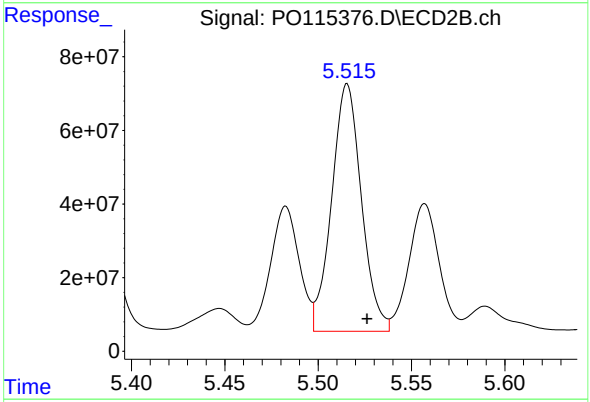
#20 AR-1242-5

R.T.: 6.383 min
Delta R.T.: -0.010 min
Response: 574065464
Conc: 4072.62 ng/m

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

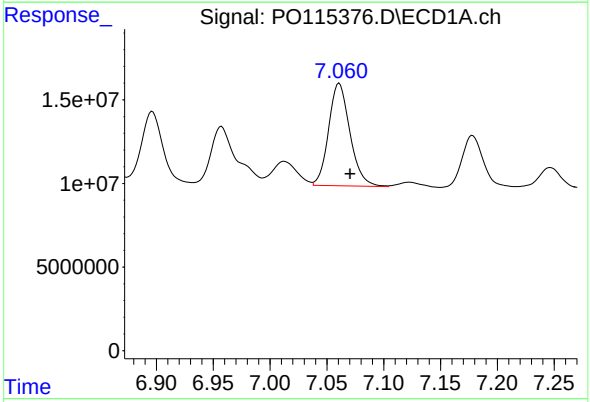
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



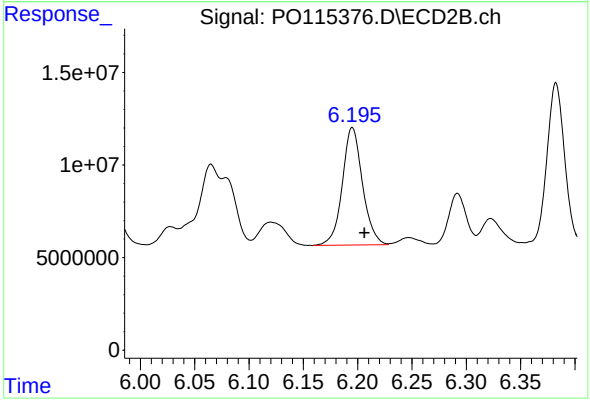
#20 AR-1242-5

R.T.: 5.516 min
Delta R.T.: -0.011 min
Response: 745631434
Conc: 5217.21 ng/ml



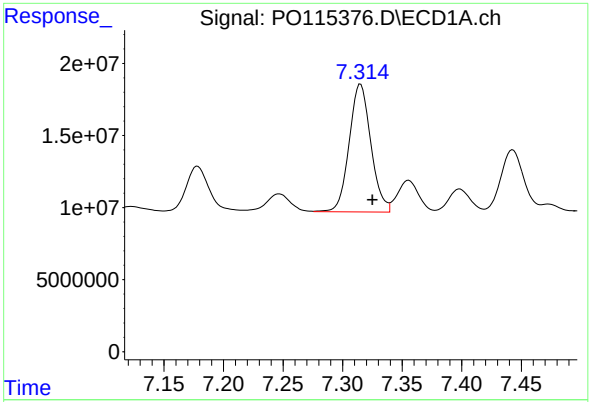
#31 AR-1260-1

R.T.: 7.061 min
Delta R.T.: -0.010 min
Response: 80115098
Conc: 262.13 ng/ml



#31 AR-1260-1

R.T.: 6.195 min
Delta R.T.: -0.011 min
Response: 82132326
Conc: 277.37 ng/ml



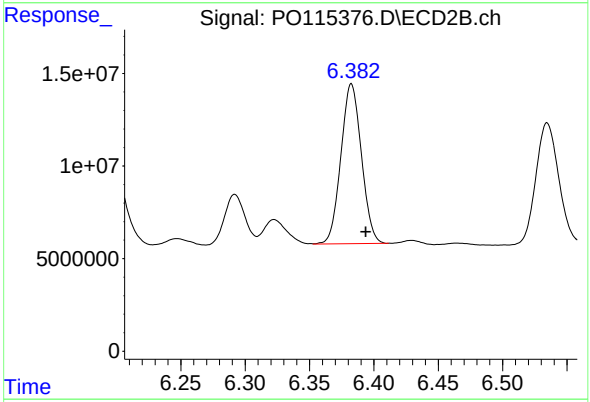
#32 AR-1260-2

R.T.: 7.315 min
Delta R.T.: -0.010 min
Response: 112433557
Conc: 284.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

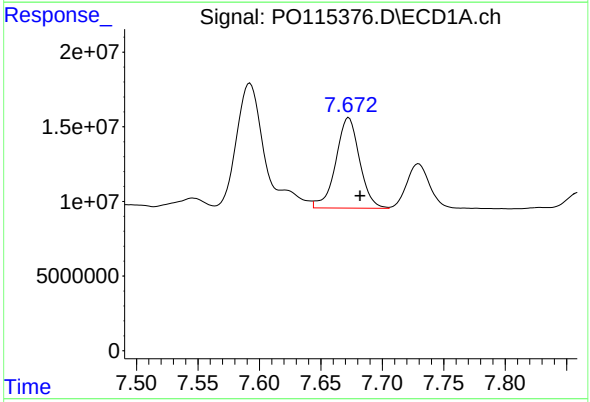
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



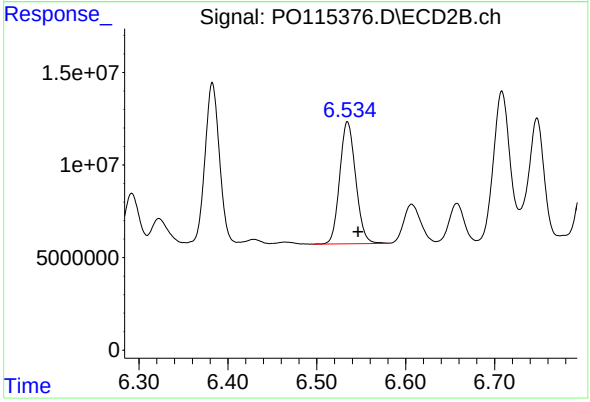
#32 AR-1260-2

R.T.: 6.383 min
Delta R.T.: -0.011 min
Response: 95696211
Conc: 222.53 ng/ml



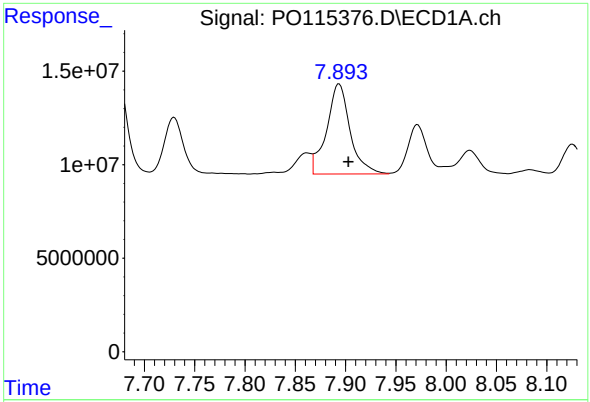
#33 AR-1260-3

R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 81654307
Conc: 246.08 ng/ml



#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: -0.012 min
Response: 82236336
Conc: 234.19 ng/ml



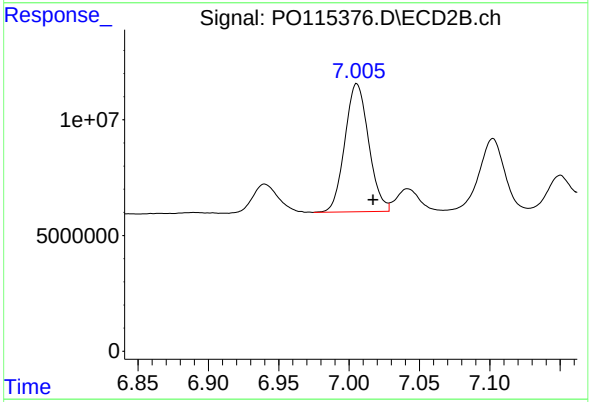
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 78181214
Conc: 256.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AH2DL

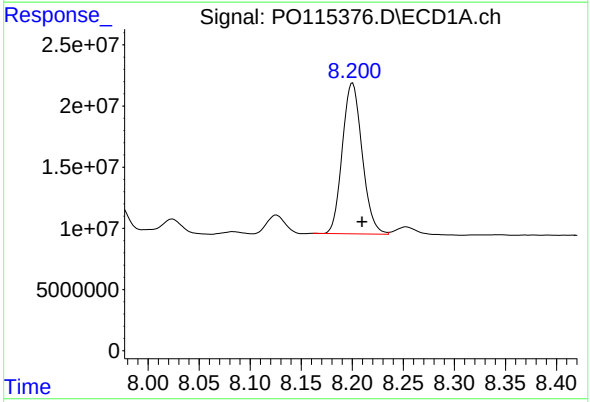
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



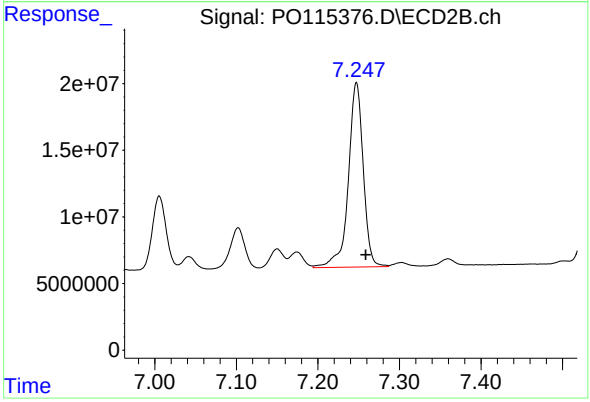
#34 AR-1260-4

R.T.: 7.006 min
Delta R.T.: -0.011 min
Response: 65233259
Conc: 215.27 ng/ml



#35 AR-1260-5

R.T.: 8.200 min
Delta R.T.: -0.009 min
Response: 166145744
Conc: 232.95 ng/ml



#35 AR-1260-5

R.T.: 7.247 min
Delta R.T.: -0.011 min
Response: 175687406
Conc: 213.83 ng/ml

SHIPPING DOCUMENTS

Q3673

USEPA CLP COC (LAB COPY)

DateShipped: 11/18/2025
CarrierName: FedEx
AirbillNo: 8861 5500 2065

CHAIN OF CUSTODY RECORD

DAS #: R37108
Cooler #:

No: 3-111825-110619-0010

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)-C1-20251117	C0AG6	Soil/ START	Composite	PCB(3)	1177 (Cool to 6C) (1)	DU09 C1	11/17/2025 12:05	
BSA-DU09-CS(0-10)-C2-20251117	C0AG7	Soil/ START	Composite	PCB(3)	1178 (Cool to 6C) (1)	DU09 C2	11/17/2025 12:09	
BSA-DU09-CS(0-10)-C3-20251117	C0AG8	Soil/ START	Composite	PCB(3)	1179 (Cool to 6C) (1)	DU09 C3	11/17/2025 12:20	
BSA-DU09-CS(0-10)-C4-20251117	C0AG9	Soil/ START	Composite	PCB(3)	1180 (Cool to 6C) (1)	DU09 C4	11/17/2025 12:28	
BSA-DU09-CS(0-10)-C5-20251117	C0AH0	Soil/ START	Composite	PCB(3)	1181 (Cool to 6C) (1)	DU09 C5	11/17/2025 14:00	
BSA-DU09-CS(0-10)-C6-20251117	C0AH1	Soil/ START	Composite	PCB(3)	1182 (Cool to 6C) (1)	DU09 C6	11/17/2025 14:12	
BSA-DU09-CS(0-10)-C7-20251117	C0AH2	Soil/ START	Composite	PCB(3)	1183 (Cool to 6C) (1)	DU09 C7	11/17/2025 14:19	
BSA-DU09-CS(0-10)-C8-20251117	C0AH3	Soil/ START	Composite	PCB(3)	1184 (Cool to 6C) (1)	DU09 C8	11/17/2025 14:42	
BSA-DU09-CS(0-10)-C9-20251117	C0AH4	Soil/ START	Composite	PCB(3)	1185 (Cool to 6C) (1)	DU09 C9	11/17/2025 14:55	
BSA-DU09-CS(0-10)-C10-20251117	C0AH5	Soil/ START	Composite	PCB(3)	1186 (Cool to 6C) (1)	DU09 C10	11/17/2025 15:05	

Special Instructions: DU09 C 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
Sample Shipment	[signature]/START	11/18/25 1500	[signature]	11/19/25 10:33	Cooler #1 19°

Q3673

USEPA CLP COC (LAB COPY)

DateShipped: 11/18/2025
CarrierName: FedEx
AirbillNo: 8861 5500 2065

CHAIN OF CUSTODY RECORD

DAS #: R37108
Cooler #:

No: 3-111825-110619-0010

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)-C11-20251117	C0AH6	Soil/ START	Composite	PCB(3)	1187 (Cool to 6C) (1)	DU09 C11	11/17/2025 15:13	
BSA-DU09-CS(0-10)-C12-20251117	C0AH7	Soil/ START	Composite	PCB(3)	1188 (Cool to 6C) (1)	DU09 C12	11/17/2025 15:25	
BSA-DU09-CS(0-10)-C13-20251117	C0AH8	Soil/ START	Composite	PCB(3)	1189 (Cool to 6C) (1)	DU09 C13	11/17/2025 15:35	

Special Instructions: DU09 C 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
Sample Shipment	[signature] / START	11/18/25 1500	[signature]	10:33 11/19/25	IR Gun #1 1.9°C

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