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 : Q3693

ATTENTION : Ava Heiss

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3693

Project ID : R37108

Client : Tetra Tech, EMI

Lab Sample Number	Client Sample Number
Q3693-01	C0AJ7
Q3693-02	C0AK5
Q3693-03	C0AK6
Q3693-04	C0AK7
Q3693-05	C0AK8
Q3693-06	C0AK9
Q3693-07	C0AL0
Q3693-08	C0AL1
Q3693-09	C0AL2
Q3693-10	C0AL3
Q3693-11	C0AL4
Q3693-12	C0AL5
Q3693-13	C0AL6
Q3693-14	C0AL7

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: 11/26/2025

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 # Q3693
Test Name: PCB

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

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

C. Analytical Techniques:
The analyses were performed on instrument GCECD_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 C0AK6 [Decachlorobiphenyl(1)223%, Decachlorobiphenyl(2)186%], Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported,
C0AK6DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AK6DL2 [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 for {Q3693-01MSD} with File ID: PQ071452.D met criteria except for [AR1260(1)-21% ,AR1260(2)-26%] due to difference in results of MS-MSD.
The Blank Spike met requirements for all compounds.

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

Samples C0AK6, C0AK6DL and C0AK7 were diluted due to high concentrations.

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

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

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

Signature_____

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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: Q3693 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 C0AK6 [Decachlorobiphenyl(1)223%, Decachlorobiphenyl(2)186%], Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported, C0AK6DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%], C0AK6DL2 [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 for {Q3693-01MSD} with File ID: PQ071452.D met criteria except for [AR1260(1)-21% ,AR1260(2)-26%] due to difference in results of MS-MSD.		✓	
7.	Retention Time Shift Meet Criteria (if applicable) Comments:			✓

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
8.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

Samples C0AK6, C0AK6DL and C0AK7 were diluted due to high concentrations.

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

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3693

	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: MOHAMMAD AHMED **Date:** 11/26/2025

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LAB CHRONICLE

OrderID:	Q3693	**OrderDate:**	11/20/2025 11:11:00 AM
Client:	Tetra Tech, EMI	**Project:**	R37108
Contact:	Ava Heiss	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3693-01	**C0AJ7**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3693-02	**C0AK5**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3693-03	**C0AK6**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3693-03DL	**C0AK6DL**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/25/25	
Q3693-03DL2	**C0AK6DL2**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/25/25	
Q3693-04	**C0AK7**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3693-04DL	**C0AK7DL**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/25/25	
Q3693-05	**C0AK8**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3693-06	**C0AK9**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3693-07	**C0AL0**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	
Q3693-08	**C0AL1**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	

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LAB CHRONICLE

Q3693-09	**C0AL2**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	
Q3693-10	**C0AL3**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/22/25	
Q3693-11	**C0AL4**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3693-12	**C0AL5**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3693-13	**C0AL6**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	
Q3693-14	**C0AL7**	**SOIL**			**11/18/25**			**11/20/25**
			PCB	8082A		11/21/25	11/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3693 **Order ID:** Q3693

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AJ7								
Q3693-01	C0AJ7	SOIL	Aroclor-1260	120		3.80	20.2	ug/kg
			Total Concentration:	**120.000**				
Client ID : C0AK5								
Q3693-02	C0AK5	SOIL	Aroclor-1260	290		3.90	20.4	ug/kg
			Total Concentration:	**290.000**				
Client ID : C0AK6								
Q3693-03	C0AK6	SOIL	Aroclor-1260	43000	E	3.90	20.4	ug/kg
			Total Concentration:	**43,000.000**				
Client ID : C0AK6DL								
Q3693-03DL	C0AK6DL	SOIL	Aroclor-1260	120000	ED	194	1000	ug/kg
			Total Concentration:	**120,000.000**				
Client ID : C0AK6DL2								
Q3693-03DL2	C0AK6DL2	SOIL	Aroclor-1260	170000	D	1900	10000	ug/kg
			Total Concentration:	**170,000.000**				
Client ID : C0AK7								
Q3693-04	C0AK7	SOIL	Aroclor-1260	806	E	3.90	20.3	ug/kg
			Total Concentration:	**806.000**				
Client ID : C0AK7DL								
Q3693-04DL	C0AK7DL	SOIL	Aroclor-1260	803	D	19.3	102	ug/kg
			Total Concentration:	**803.000**				
Client ID : C0AK8								
Q3693-05	C0AK8	SOIL	Aroclor-1260	66.0		3.90	20.3	ug/kg
			Total Concentration:	**66.000**				
Client ID : C0AK9								
Q3693-06	C0AK9	SOIL	Aroclor-1248	179		7.10	20.4	ug/kg
Q3693-06	C0AK9	SOIL	Aroclor-1254	267		3.90	20.4	ug/kg
Q3693-06	C0AK9	SOIL	Aroclor-1260	272		3.90	20.4	ug/kg
			Total Concentration:	**718.000**				
Client ID : C0AL0								

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Hit Summary Sheet
SW-846

SDG No.: Q3693 **Order ID:** Q3693

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3693-07	C0AL0	SOIL	Aroclor-1248	235		7.10	20.3	ug/kg
Q3693-07	C0AL0	SOIL	Aroclor-1254	196		3.80	20.3	ug/kg
Q3693-07	C0AL0	SOIL	Aroclor-1260	177		3.90	20.3	ug/kg
			Total Concentration:	**608.000**				
Client ID :	**C0AL1**							
Q3693-08	C0AL1	SOIL	Aroclor-1248	267		7.10	20.4	ug/kg
Q3693-08	C0AL1	SOIL	Aroclor-1254	282		3.90	20.4	ug/kg
Q3693-08	C0AL1	SOIL	Aroclor-1260	258		3.90	20.4	ug/kg
			Total Concentration:	**807.000**				
Client ID :	**C0AL2**							
Q3693-09	C0AL2	SOIL	Aroclor-1248	57.5		7.00	20.2	ug/kg
Q3693-09	C0AL2	SOIL	Aroclor-1254	82.1		3.80	20.2	ug/kg
Q3693-09	C0AL2	SOIL	Aroclor-1260	97.0		3.80	20.2	ug/kg
			Total Concentration:	**236.600**				
Client ID :	**C0AL3**							
Q3693-10	C0AL3	SOIL	Aroclor-1260	44.0		3.80	20.1	ug/kg
			Total Concentration:	**44.000**				
Client ID :	**C0AL4**							
Q3693-11	C0AL4	SOIL	Aroclor-1260	55.6		3.80	20.2	ug/kg
			Total Concentration:	**55.600**				
Client ID :	**C0AL5**							
Q3693-12	C0AL5	SOIL	Aroclor-1260	19.2	J	3.80	20.1	ug/kg
			Total Concentration:	**19.200**				
Client ID :	**C0AL6**							
Q3693-13	C0AL6	SOIL	Aroclor-1260	26.9		3.90	20.7	ug/kg
			Total Concentration:	**26.900**				
Client ID :	**C0AL7**							
Q3693-14	C0AL7	SOIL	Aroclor-1254	21.4		4.00	21.1	ug/kg
			Total Concentration:	**21.400**				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3693

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO114870.D	PIBLK-PO114870.D	Tetrachloro-m-xyl	1	20	15.5	77		60	140
		Decachlorobiphen	1	20	16.8	84		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	17.3	86		60	140
I.BLK-PO115329.D	PIBLK-PO115329.D	Tetrachloro-m-xyl	1	20	24.7	124		60	140
		Decachlorobiphen	1	20	25.4	127		60	140
		Tetrachloro-m-xyl	2	20	24.7	124		60	140
		Decachlorobiphen	2	20	25.0	125		60	140
Q3693-11	C0AL4	Tetrachloro-m-xyl	1	20	23.9	119		21	165
		Decachlorobiphen	1	20	16.4	82		10	170
		Tetrachloro-m-xyl	2	20	23.9	120		21	165
		Decachlorobiphen	2	20	16.3	81		10	170
Q3693-12	C0AL5	Tetrachloro-m-xyl	1	20	23.6	118		21	165
		Decachlorobiphen	1	20	18.8	94		10	170
		Tetrachloro-m-xyl	2	20	23.6	118		21	165
		Decachlorobiphen	2	20	19.0	95		10	170
Q3693-13	C0AL6	Tetrachloro-m-xyl	1	20	23.4	117		21	165
		Decachlorobiphen	1	20	14.1	71		10	170
		Tetrachloro-m-xyl	2	20	23.4	117		21	165
		Decachlorobiphen	2	20	14.2	71		10	170
Q3693-14	C0AL7	Tetrachloro-m-xyl	1	20	22.2	111		21	165
		Decachlorobiphen	1	20	18.2	91		10	170
		Tetrachloro-m-xyl	2	20	22.3	111		21	165
		Decachlorobiphen	2	20	18.2	91		10	170
I.BLK-PO115344.D	PIBLK-PO115344.D	Tetrachloro-m-xyl	1	20	24.8	124		60	140
		Decachlorobiphen	1	20	25.9	129		60	140
		Tetrachloro-m-xyl	2	20	24.3	121		60	140
		Decachlorobiphen	2	20	25.6	128		60	140
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-PQ071443.D	PIBLK-PQ071443.D	Tetrachloro-m-xyl	1	20	22.1	111		60	140
		Decachlorobiphen	1	20	21.6	108		60	140
		Tetrachloro-m-xyl	2	20	26.3	131		60	140
		Decachlorobiphen	2	20	26.4	132		60	140
Q3693-01	C0AJ7	Tetrachloro-m-xyl	1	20	21.8	109		21	165
		Decachlorobiphen	1	20	18.7	94		10	170
		Tetrachloro-m-xyl	2	20	21.7	109		21	165
		Decachlorobiphen	2	20	17.5	88		10	170
Q3693-01MS	C0AJ7MS	Tetrachloro-m-xyl	1	20	22.1	110		21	165

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Surrogate Summary

SDG No.: Q3693

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3693-01MS	C0AJ7MS	Decachlorobiphen	1	20	17.5	87		10	170
		Tetrachloro-m-xyl	2	20	21.4	107		21	165
		Decachlorobiphen	2	20	16.4	82		10	170
Q3693-01MSD	C0AJ7MSD	Tetrachloro-m-xyl	1	20	21.1	105		21	165
		Decachlorobiphen	1	20	17.3	86		10	170
		Tetrachloro-m-xyl	2	20	20.4	102		21	165
		Decachlorobiphen	2	20	16.3	82		10	170
Q3693-02	C0AK5	Tetrachloro-m-xyl	1	20	20.8	104		21	165
		Decachlorobiphen	1	20	18.4	92		10	170
		Tetrachloro-m-xyl	2	20	20.9	105		21	165
		Decachlorobiphen	2	20	17.3	86		10	170
I.BLK-PQ071455.D	PIBLK-PQ071455.D	Tetrachloro-m-xyl	1	20	21.8	109		60	140
		Decachlorobiphen	1	20	21.0	105		60	140
		Tetrachloro-m-xyl	2	20	21.9	110		60	140
		Decachlorobiphen	2	20	20.2	101		60	140
PB170682BL	PB170682BL	Tetrachloro-m-xyl	1	20	22.7	114		21	165
		Decachlorobiphen	1	20	22.2	111		10	170
		Tetrachloro-m-xyl	2	20	22.8	114		21	165
		Decachlorobiphen	2	20	20.7	104		10	170
PB170682BS	PB170682BS	Tetrachloro-m-xyl	1	20	24.3	122		21	165
		Decachlorobiphen	1	20	23.7	118		10	170
		Tetrachloro-m-xyl	2	20	23.6	118		21	165
		Decachlorobiphen	2	20	22.1	110		10	170
Q3693-03	C0AK6	Tetrachloro-m-xyl	1	20	22.3	112		21	165
		Decachlorobiphen	1	20	44.6	223	*	10	170
		Tetrachloro-m-xyl	2	20	20.1	101		21	165
		Decachlorobiphen	2	20	37.2	186	*	10	170
Q3693-04	C0AK7	Tetrachloro-m-xyl	1	20	20.4	102		21	165
		Decachlorobiphen	1	20	18.4	92		10	170
		Tetrachloro-m-xyl	2	20	20.6	103		21	165
		Decachlorobiphen	2	20	16.7	84		10	170
Q3693-05	C0AK8	Tetrachloro-m-xyl	1	20	23.3	116		21	165
		Decachlorobiphen	1	20	20.1	100		10	170
		Tetrachloro-m-xyl	2	20	23.2	116		21	165
		Decachlorobiphen	2	20	18.9	94		10	170
Q3693-06	C0AK9	Tetrachloro-m-xyl	1	20	22.9	114		21	165
		Decachlorobiphen	1	20	20.0	100		10	170
		Tetrachloro-m-xyl	2	20	22.9	115		21	165
		Decachlorobiphen	2	20	18.7	93		10	170
Q3693-07	C0AL0	Tetrachloro-m-xyl	1	20	19.3	97		21	165
		Decachlorobiphen	1	20	14.2	71		10	170

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Surrogate Summary

SDG No.: Q3693

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3693-07	C0AL0	Tetrachloro-m-xyl	2	20	19.0	95		21	165
		Decachlorobiphen	2	20	13.2	66		10	170
Q3693-08	C0AL1	Tetrachloro-m-xyl	1	20	19.4	97		21	165
		Decachlorobiphen	1	20	17.6	88		10	170
		Tetrachloro-m-xyl	2	20	18.8	94		21	165
		Decachlorobiphen	2	20	16.5	82		10	170
Q3693-09	C0AL2	Tetrachloro-m-xyl	1	20	19.7	98		21	165
		Decachlorobiphen	1	20	11.7	58		10	170
		Tetrachloro-m-xyl	2	20	20.1	100		21	165
		Decachlorobiphen	2	20	11.1	56		10	170
Q3693-10	C0AL3	Tetrachloro-m-xyl	1	20	22.8	114		21	165
		Decachlorobiphen	1	20	17.6	88		10	170
		Tetrachloro-m-xyl	2	20	22.5	112		21	165
		Decachlorobiphen	2	20	16.6	83		10	170
I.BLK-PQ071467.D	PIBLK-PQ071467.D	Tetrachloro-m-xyl	1	20	23.1	115		60	140
		Decachlorobiphen	1	20	22.2	111		60	140
		Tetrachloro-m-xyl	2	20	23.0	115		60	140
		Decachlorobiphen	2	20	21.3	107		60	140
I.BLK-PQ071500.D	PIBLK-PQ071500.D	Tetrachloro-m-xyl	1	20	23.9	119		60	140
		Decachlorobiphen	1	20	23.6	118		60	140
		Tetrachloro-m-xyl	2	20	23.6	118		60	140
		Decachlorobiphen	2	20	21.5	108		60	140
Q3693-03DL	C0AK6DL	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
Q3693-03DL2	C0AK6DL2	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
Q3693-04DL	C0AK7DL	Tetrachloro-m-xyl	1	20	19.8	99		21	165
		Decachlorobiphen	1	20	18.4	92		10	170
		Tetrachloro-m-xyl	2	20	19.7	99		21	165
		Decachlorobiphen	2	20	16.3	81		10	170
I.BLK-PQ071512.D	PIBLK-PQ071512.D	Tetrachloro-m-xyl	1	20	24.5	122		60	140
		Decachlorobiphen	1	20	23.9	120		60	140
		Tetrachloro-m-xyl	2	20	24.7	124		60	140
		Decachlorobiphen	2	20	22.3	112		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3693 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **DataFile :** PQ071451.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3693-01MS (Column 1)**	**Client Sample ID:**		**C0AJ7MS**								
	AR1016	198.7	0	181	ug/kg	91				39	159	
	AR1260	198.7	120	197	ug/kg	39				19	160	
Lab Sample ID:	**Q3693-01MS (Column 2)**	**Client Sample ID:**		**C0AJ7MS**								
	AR1016	198.7	0	183	ug/kg	92				39	159	
	AR1260	198.7	116	198	ug/kg	41				19	160	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3693 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **DataFile :** PQ071452.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3693-01MSD (Column 1)**	**Client Sample ID:**		**C0AJ7MSD**								
	AR1016	198.8	0	187	ug/kg	94		3		39	159	21
	AR1260	198.8	120	216	ug/kg	48		21	*	19	160	15
Lab Sample ID:	**Q3693-01MSD (Column 2)**	**Client Sample ID:**		**C0AJ7MSD**								
	AR1016	198.8	0	192	ug/kg	97		5		39	159	21
	AR1260	198.8	116	221	ug/kg	53		26	*	19	160	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3693 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **Datafile :** PQ071457.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170682BS (Column 1)	AR1016	166.6	163	ug/kg	98				71	120	
	AR1260	166.6	151	ug/kg	91				65	130	
PB170682BS (Column 2)	AR1016	166.6	158	ug/kg	95				71	120	
	AR1260	166.6	158	ug/kg	95				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170682BL

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3693

Lab Sample ID: PB170682BL | Lab File ID: PQ071456.D

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

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

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

Time Analyzed (1): 22:44 | Time Analyzed (2): 22:44

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
C0AL4	Q3693-11	PO115332.D	11/21/2025	11/21/2025
C0AL5	Q3693-12	PO115333.D	11/21/2025	11/21/2025
C0AL6	Q3693-13	PO115334.D	11/21/2025	11/21/2025
C0AL7	Q3693-14	PO115335.D	11/21/2025	11/21/2025
C0AJ7	Q3693-01	PQ071450.D	11/21/2025	11/21/2025
C0AJ7MS	Q3693-01MS	PQ071451.D	11/21/2025	11/21/2025
C0AJ7MSD	Q3693-01MSD	PQ071452.D	11/21/2025	11/21/2025
C0AK5	Q3693-02	PQ071453.D	11/21/2025	11/21/2025
PB170682BS	PB170682BS	PQ071457.D	11/21/2025	11/21/2025
C0AK6	Q3693-03	PQ071458.D	11/21/2025	11/21/2025
C0AK7	Q3693-04	PQ071459.D	11/21/2025	11/21/2025
C0AK8	Q3693-05	PQ071460.D	11/21/2025	11/21/2025
C0AK9	Q3693-06	PQ071461.D	11/21/2025	11/21/2025
C0AL0	Q3693-07	PQ071462.D	11/22/2025	11/22/2025
C0AL1	Q3693-08	PQ071463.D	11/22/2025	11/22/2025
C0AL2	Q3693-09	PQ071464.D	11/22/2025	11/22/2025
C0AL3	Q3693-10	PQ071465.D	11/22/2025	11/22/2025

COMMENTS:

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AJ7	SDG No.:	Q3693
Lab Sample ID:	Q3693-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.8
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.2	U	1	4.70	20.2	ug/kg	11/21/25 19:48	PB170682
11104-28-2	Aroclor-1221	20.2	U	1	4.80	20.2	ug/kg	11/21/25 19:48	PB170682
11141-16-5	Aroclor-1232	20.2	U	1	4.40	20.2	ug/kg	11/21/25 19:48	PB170682
53469-21-9	Aroclor-1242	20.2	U	1	4.80	20.2	ug/kg	11/21/25 19:48	PB170682
12672-29-6	Aroclor-1248	20.2	U	1	7.10	20.2	ug/kg	11/21/25 19:48	PB170682
11097-69-1	Aroclor-1254	20.2	U	1	3.80	20.2	ug/kg	11/21/25 19:48	PB170682
37324-23-5	Aroclor-1262	20.2	U	1	6.00	20.2	ug/kg	11/21/25 19:48	PB170682
11100-14-4	Aroclor-1268	20.2	U	1	4.30	20.2	ug/kg	11/21/25 19:48	PB170682
11096-82-5	Aroclor-1260	120		1	3.80	20.2	ug/kg	11/21/25 19:48	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.8			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.7			10 - 170	94%	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\PQ112125\
Data File : PQ071450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:48
Operator : YP\AJ
Sample : Q3693-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:55:04 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	189.4E6	202.8E6	21.759	21.721
2)	SA Decachlor...	8.536	7.653	117.1E6	160.0E6	18.707	17.512
	Target Compounds						
31)	L7 AR-1260-1	6.042	5.293	132.2E6	153.1E6	295.479	306.806
32)	L7 AR-1260-2	6.299	5.482	171.7E6	196.9E6	335.981	324.771
33)	L7 AR-1260-3	6.652	5.625	117.7E6	173.1E6	307.492	292.738
34)	L7 AR-1260-4	6.867	6.089	122.2E6	135.7E6	292.229	273.897
35)	L7 AR-1260-5	7.174	6.334	229.1E6	306.5E6	275.229	266.913

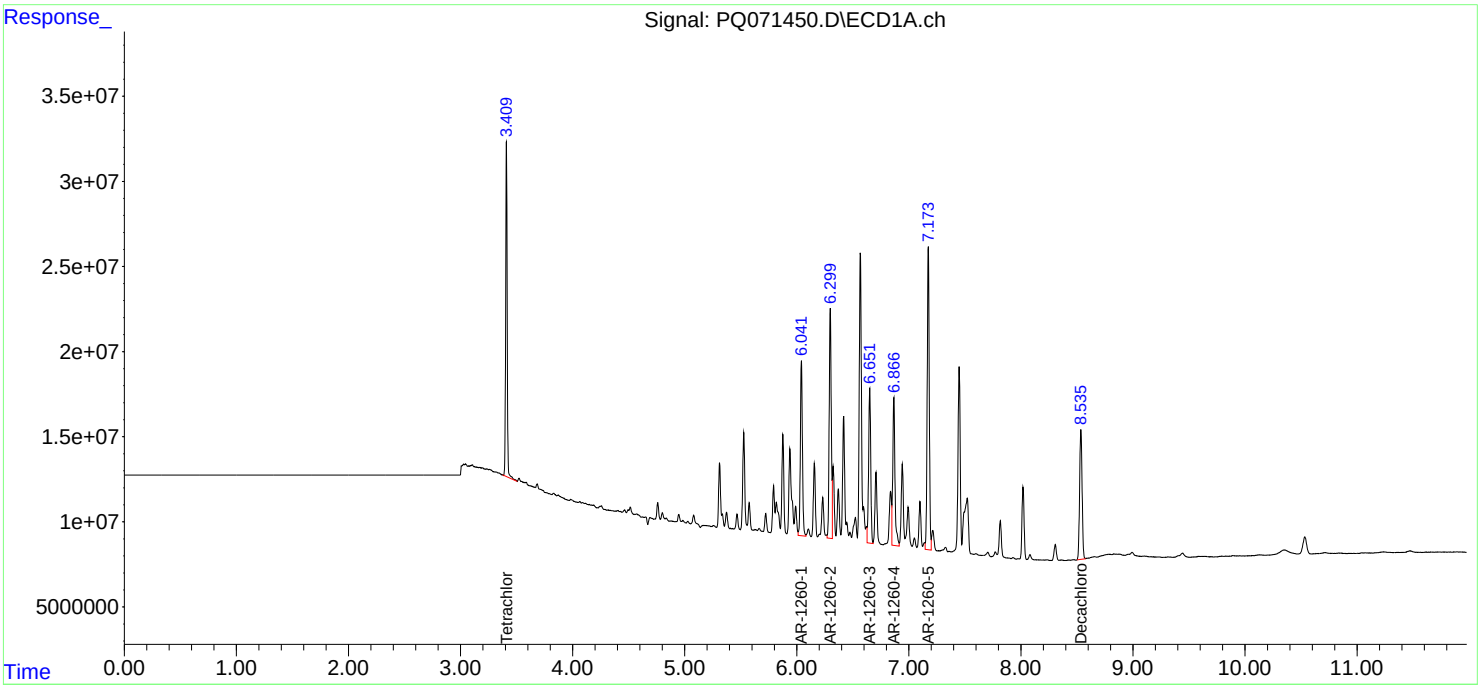
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

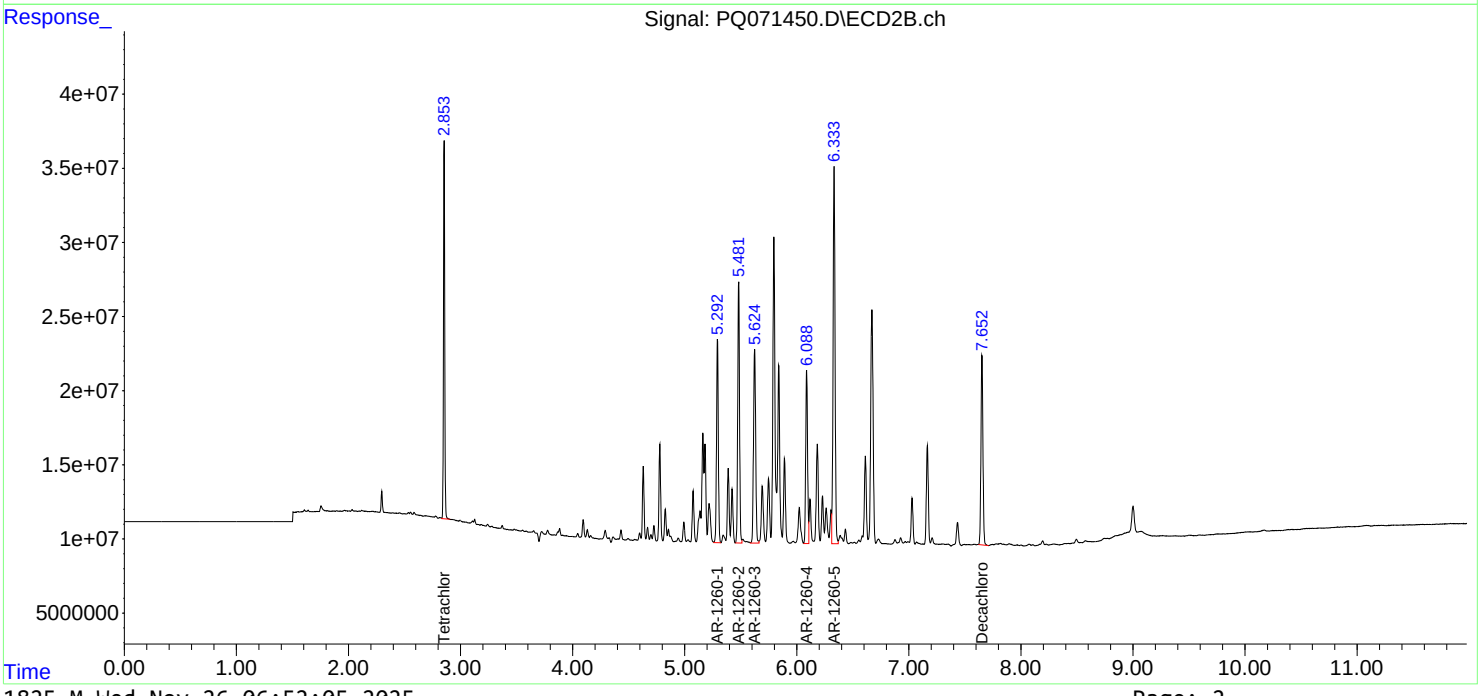
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:48
Operator : YP\AJ
Sample : Q3693-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

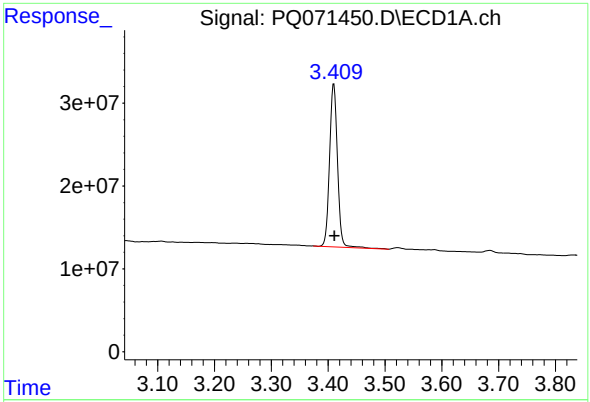
Instrument :
ECD_Q
ClientSampleId :
C0AJ7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:55:04 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



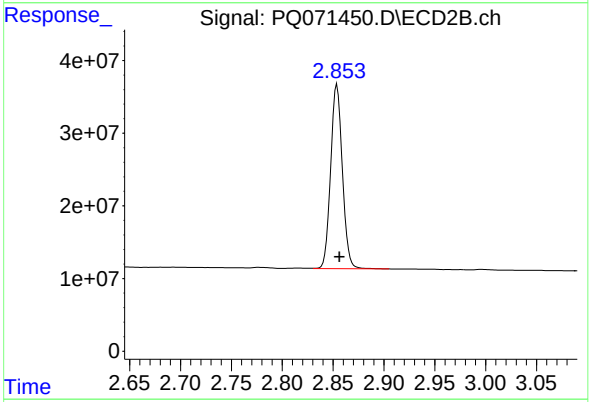




#1 Tetrachloro-m-xylene

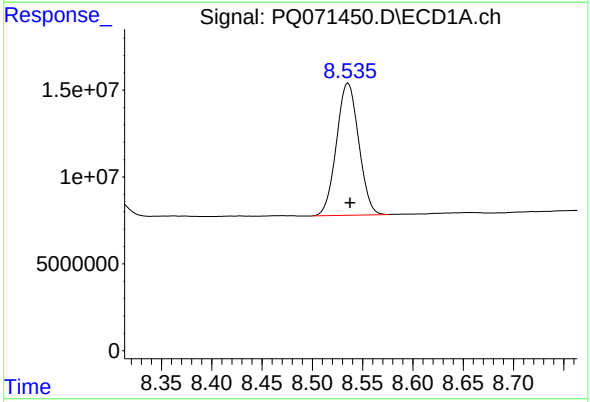
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 189413057
Conc: 21.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7



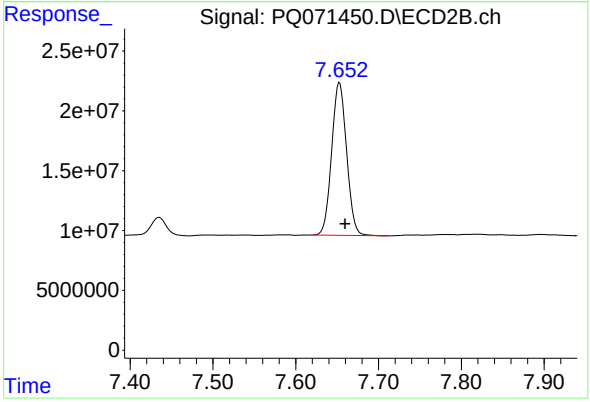
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 202804345
Conc: 21.72 ng/ml



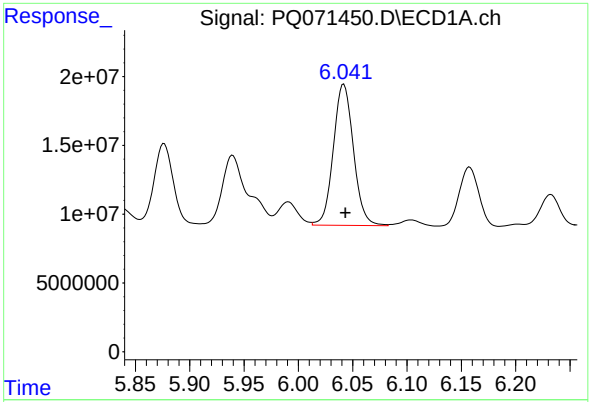
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 117135852
Conc: 18.71 ng/ml



#2 Decachlorobiphenyl

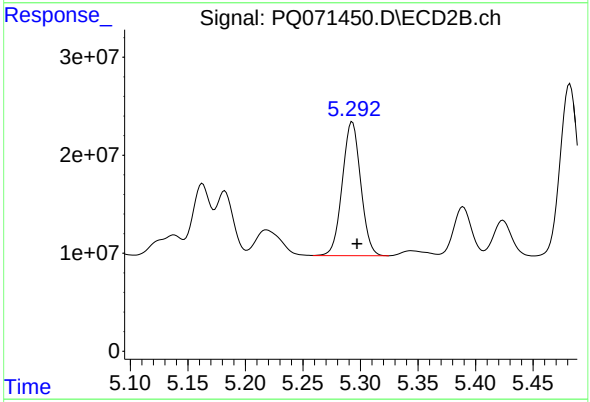
R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 160016219
Conc: 17.51 ng/ml



#31 AR-1260-1

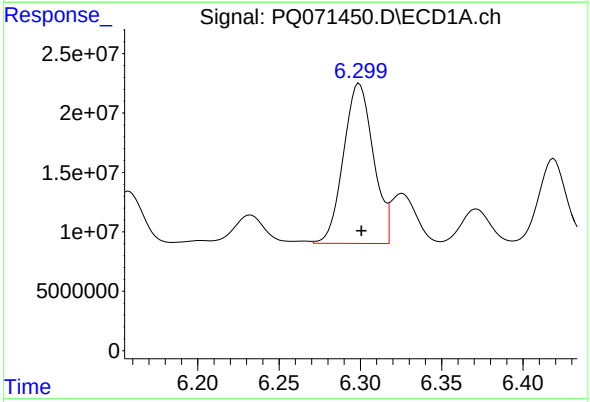
R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 132226179
Conc: 295.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7



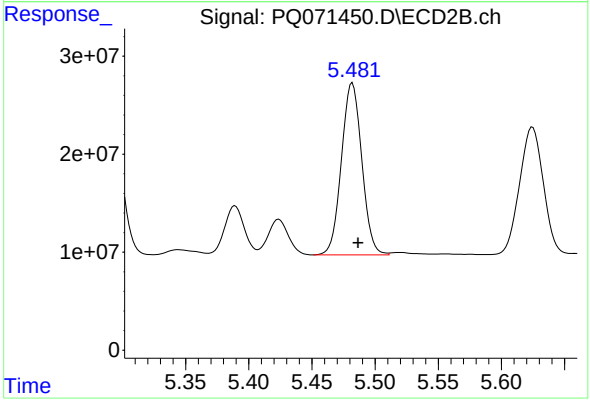
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 153073572
Conc: 306.81 ng/ml



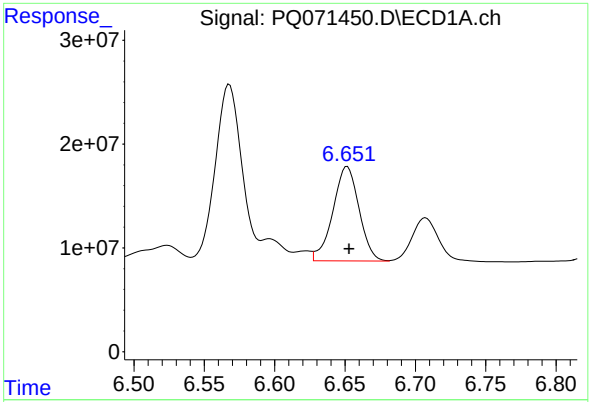
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 171657495
Conc: 335.98 ng/ml



#32 AR-1260-2

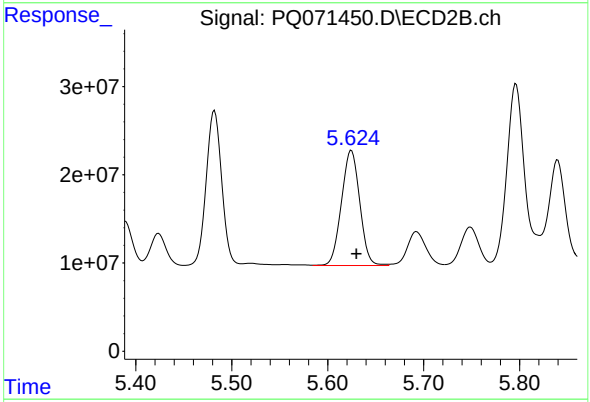
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 196933027
Conc: 324.77 ng/ml



#33 AR-1260-3

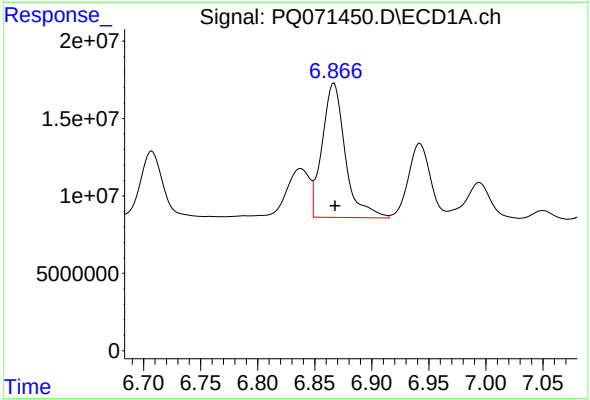
R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 117687388
Conc: 307.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7



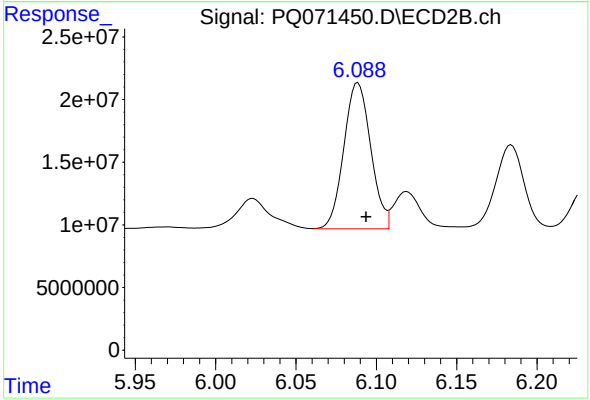
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 173062094
Conc: 292.74 ng/ml



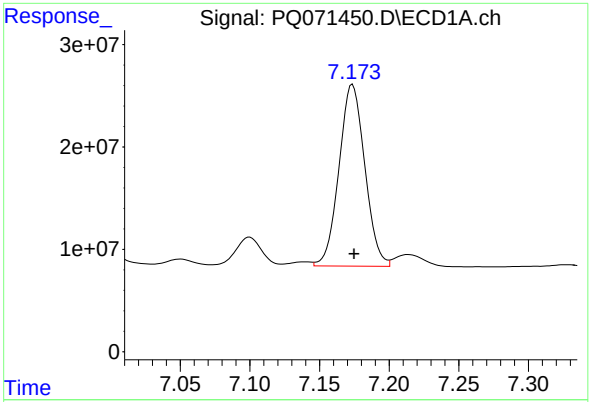
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 122194098
Conc: 292.23 ng/ml



#34 AR-1260-4

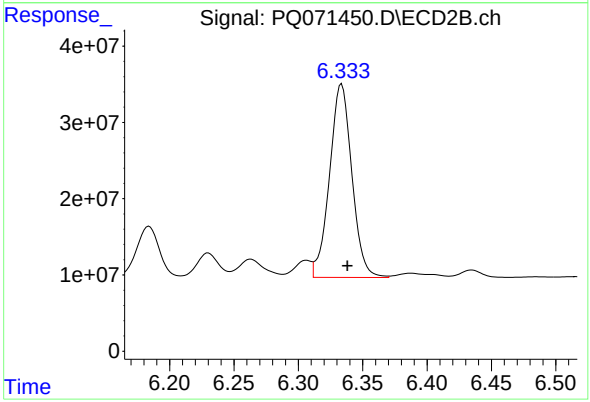
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 135682970
Conc: 273.90 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 229055724
Conc: 275.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.005 min
Response: 306492883
Conc: 266.91 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AK5	SDG No.:	Q3693
Lab Sample ID:	Q3693-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.4
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.4	U	1	4.70	20.4	ug/kg	11/21/25 20:32	PB170682
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/21/25 20:32	PB170682
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/21/25 20:32	PB170682
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/21/25 20:32	PB170682
12672-29-6	Aroclor-1248	20.4	U	1	7.10	20.4	ug/kg	11/21/25 20:32	PB170682
11097-69-1	Aroclor-1254	20.4	U	1	3.80	20.4	ug/kg	11/21/25 20:32	PB170682
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/21/25 20:32	PB170682
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/21/25 20:32	PB170682
11096-82-5	Aroclor-1260	290		1	3.90	20.4	ug/kg	11/21/25 20:32	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.9			21 - 165	105%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.4			10 - 170	92%	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\PQ112125\
Data File : PQ071453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:32
Operator : YP\AJ
Sample : Q3693-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:56:29 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	181.2E6	195.2E6	20.818	20.910
2)	SA Decachlor...	8.536	7.654	115.3E6	157.6E6	18.421	17.251
	Target Compounds						
31)	L7 AR-1260-1	6.042	5.292	299.7E6	348.8E6	669.754	699.109
32)	L7 AR-1260-2	6.299	5.482	398.9E6	465.7E6	780.784	768.059
33)	L7 AR-1260-3	6.651	5.625	286.6E6	399.2E6	748.848	675.183
34)	L7 AR-1260-4	6.867	6.088	300.8E6	345.2E6	719.294	696.859
35)	L7 AR-1260-5	7.174	6.333	597.0E6	841.3E6	717.362	732.692

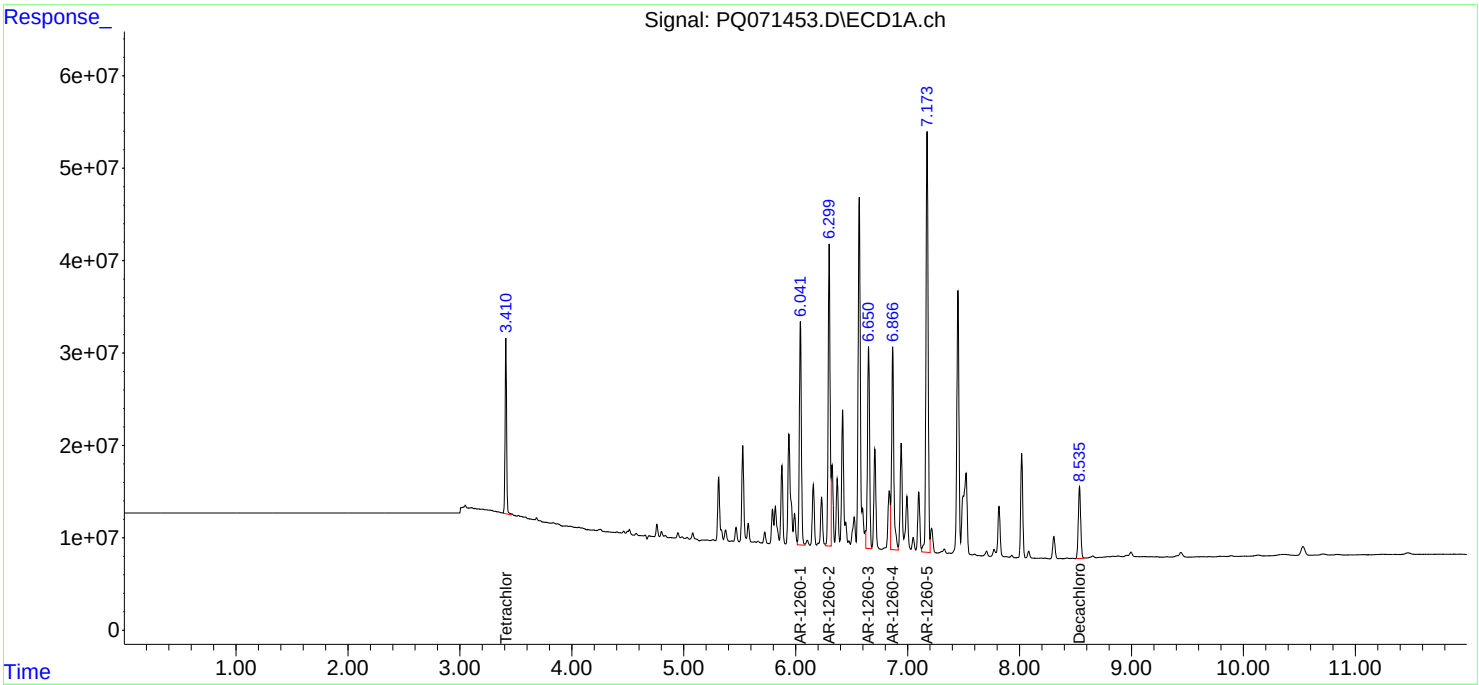
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

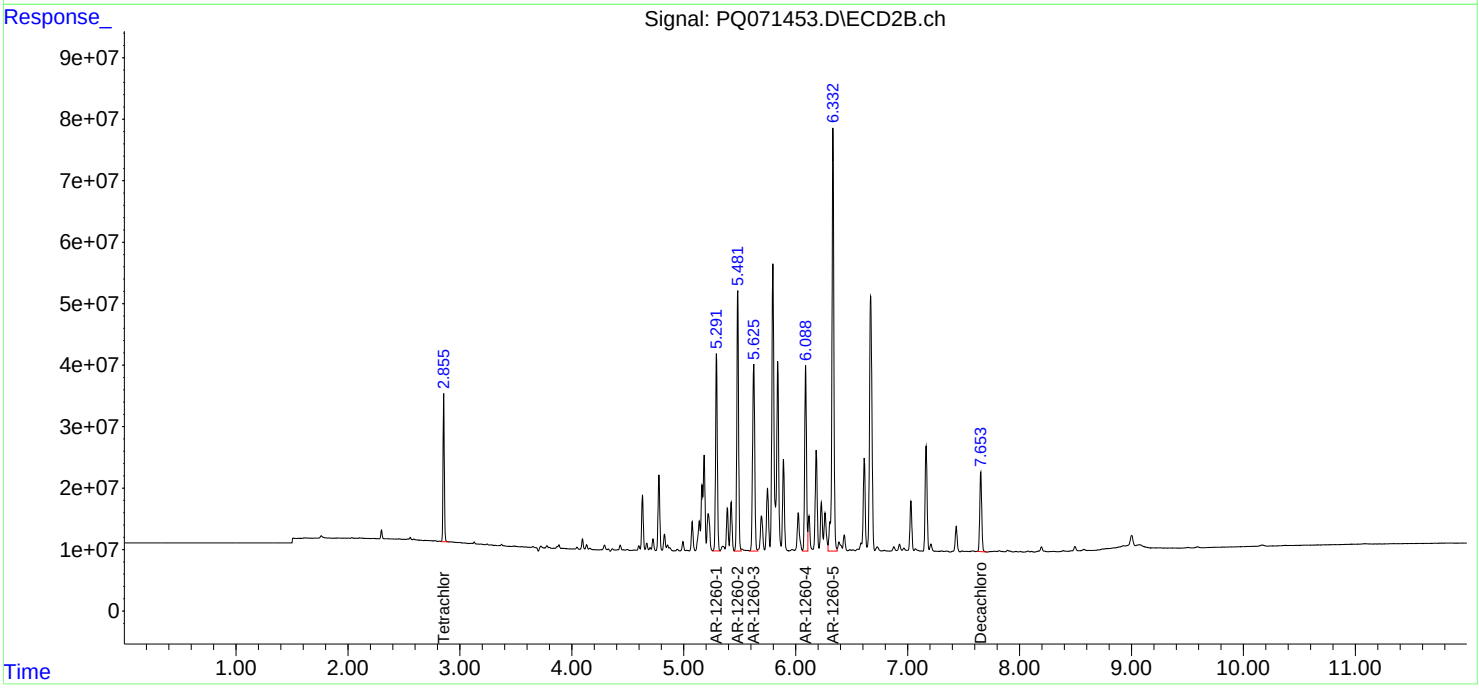
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:32
Operator : YP\AJ
Sample : Q3693-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

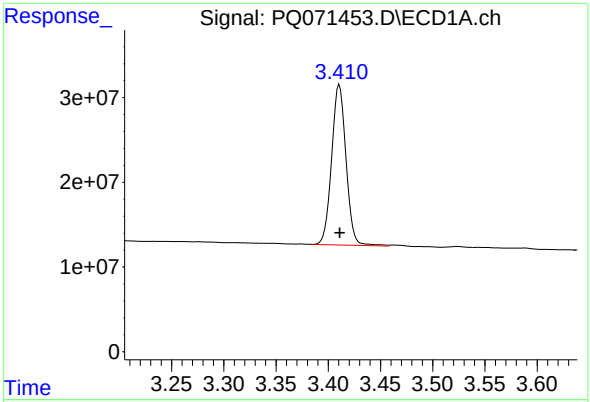
Instrument :
ECD_Q
ClientSampleId :
C0AK5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:56:29 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



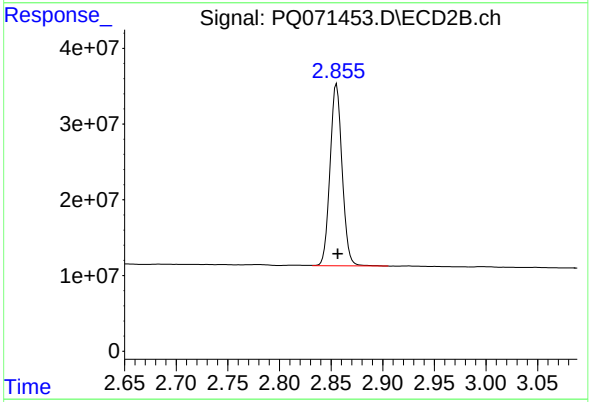




#1 Tetrachloro-m-xylene

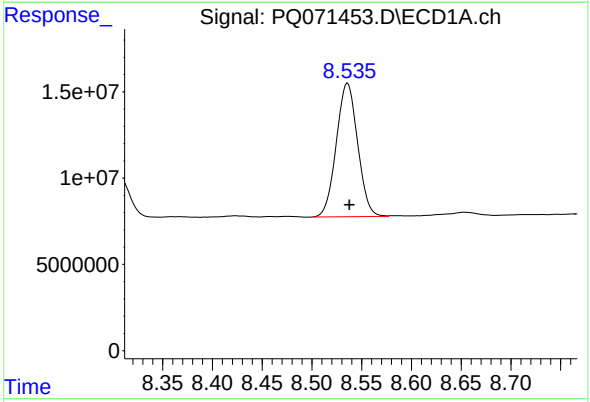
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 181222197
Conc: 20.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK5



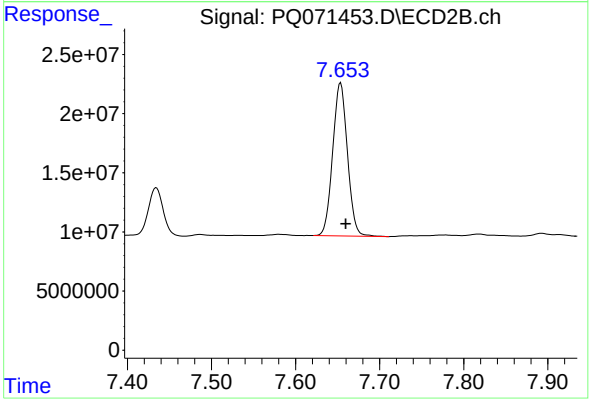
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 195228175
Conc: 20.91 ng/ml



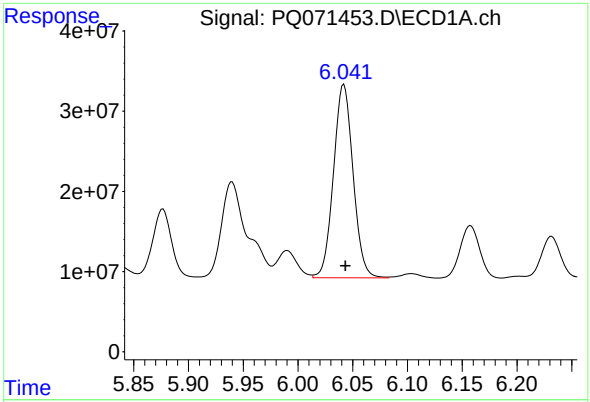
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 115346866
Conc: 18.42 ng/ml



#2 Decachlorobiphenyl

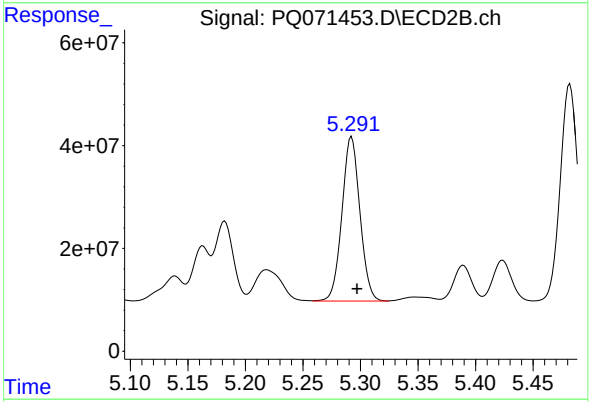
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 157630889
Conc: 17.25 ng/ml



#31 AR-1260-1

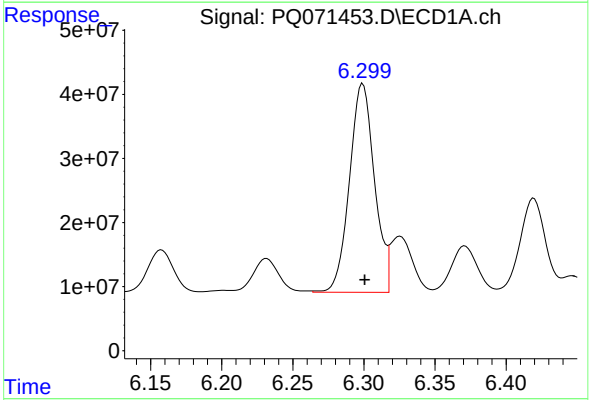
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 299712784
Conc: 669.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK5



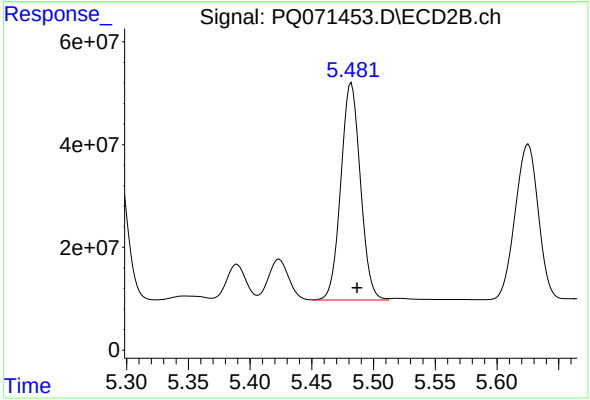
#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 348804166
Conc: 699.11 ng/ml



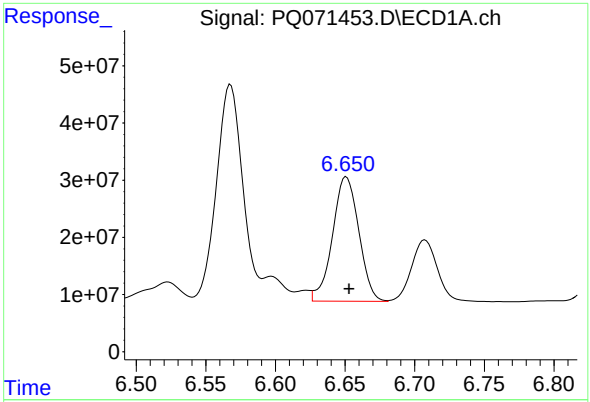
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 398913439
Conc: 780.78 ng/ml



#32 AR-1260-2

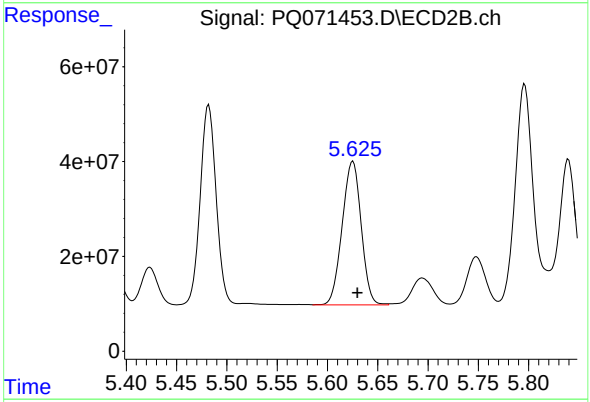
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 465732167
Conc: 768.06 ng/ml



#33 AR-1260-3

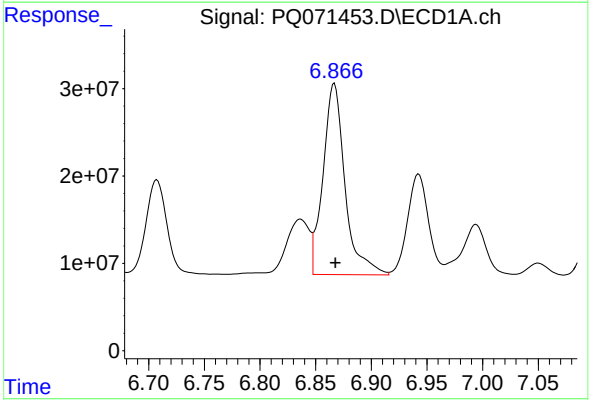
R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 286609402
Conc: 748.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK5



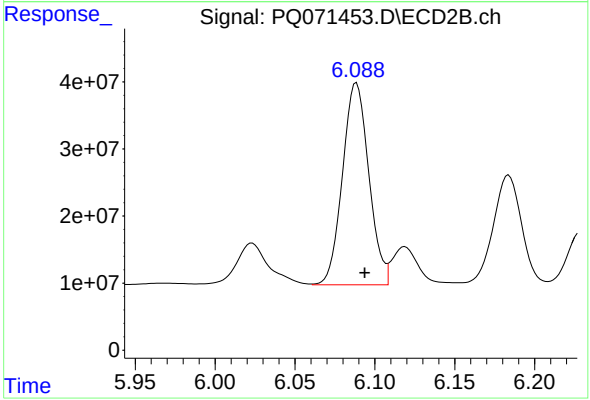
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 399157613
Conc: 675.18 ng/ml



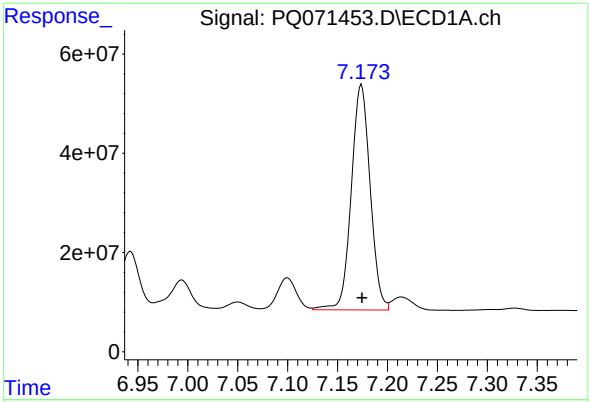
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 300768934
Conc: 719.29 ng/ml



#34 AR-1260-4

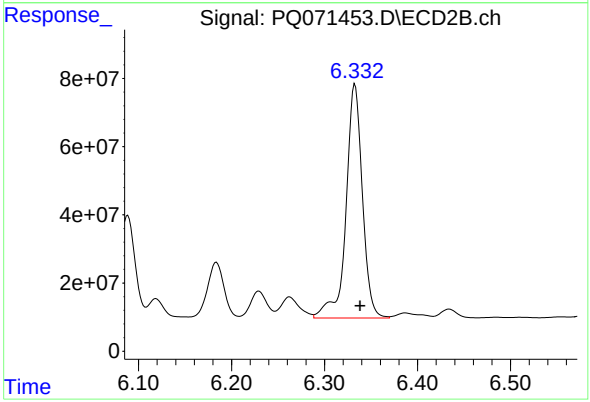
R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 345209331
Conc: 696.86 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 597016121
Conc: 717.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK5



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 841340151
Conc: 732.69 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:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AK6	SDG No.:	Q3693
Lab Sample ID:	Q3693-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.4	U	1	4.70	20.4	ug/kg	11/21/25 23:13	PB170682
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/21/25 23:13	PB170682
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/21/25 23:13	PB170682
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/21/25 23:13	PB170682
12672-29-6	Aroclor-1248	20.4	U	1	7.10	20.4	ug/kg	11/21/25 23:13	PB170682
11097-69-1	Aroclor-1254	20.4	U	1	3.90	20.4	ug/kg	11/21/25 23:13	PB170682
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/21/25 23:13	PB170682
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/21/25 23:13	PB170682
11096-82-5	Aroclor-1260	43000	E	1	3.90	20.4	ug/kg	11/21/25 23:13	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.3			21 - 165	112%	SPK: 20		
2051-24-3	Decachlorobiphenyl	44.6	*		10 - 170	223%	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\PQ112125\
Data File : PQ071458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:13
Operator : YP\AJ
Sample : Q3693-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK6

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:58:42 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...	3.410	2.854	194.3E6	188.1E6	22.318	20.151
2)	SA Decachlor...	8.535	7.652	279.6E6	339.5E6	44.653	37.159
	Target Compounds						
31)	L7 AR-1260-1	6.035	5.281	37137.1E6	45473.3E6	82988.573	91142.163m
32)	L7 AR-1260-2	6.287	5.469	73057.1E6	51623.2E6	142993.060m	85134.076m#
33)	L7 AR-1260-3	6.641	5.611	49222.1E6	54080.9E6	128606.549m	91479.004m#
34)	L7 AR-1260-4	6.854	6.076	52755.6E6	61241.5E6	126165.816m	123625.691m
35)	L7 AR-1260-5	7.191	6.317	50920.2E6	74361.7E6	61184.625	64758.859m

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

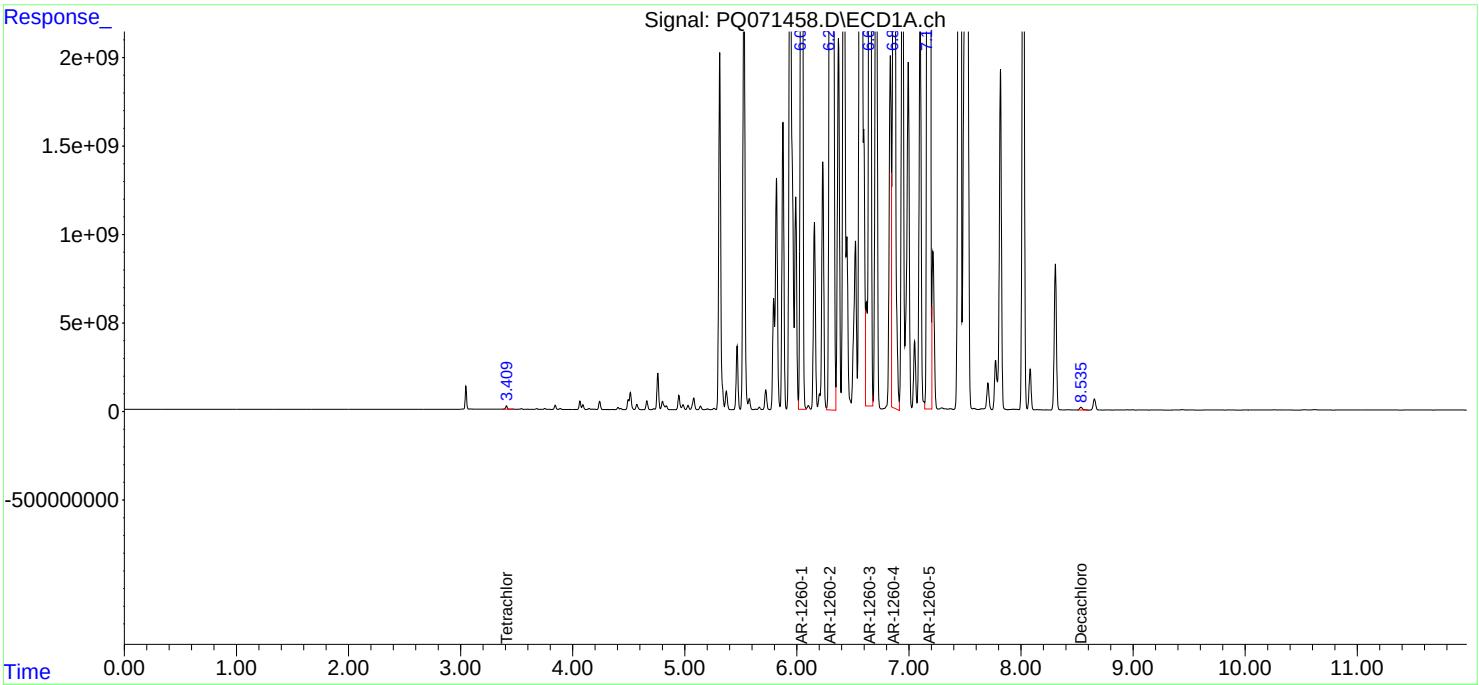
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:13
Operator : YP\AJ
Sample : Q3693-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

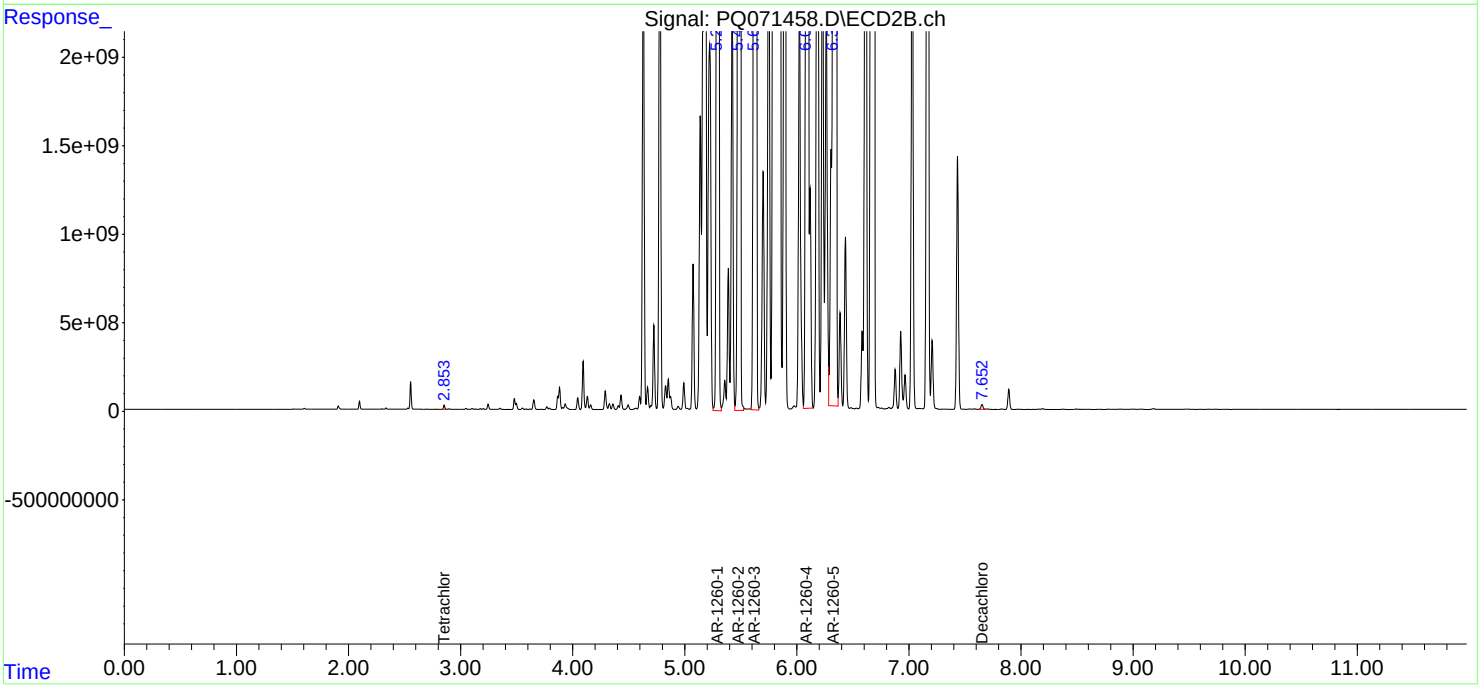
Instrument :
ECD_Q
ClientSampleId :
C0AK6

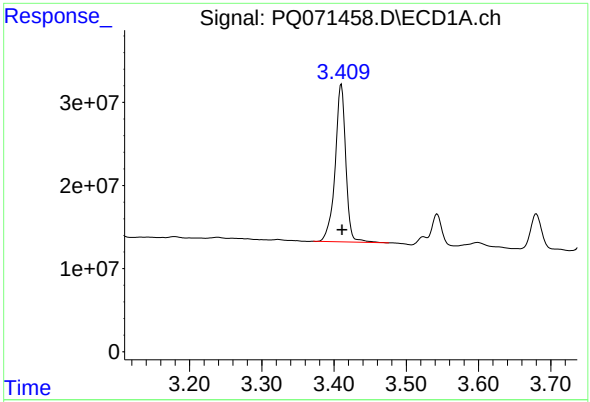
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:58:42 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







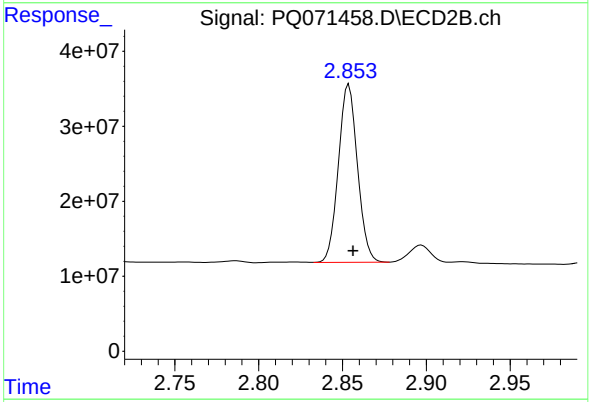
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 194283013
Conc: 22.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK6

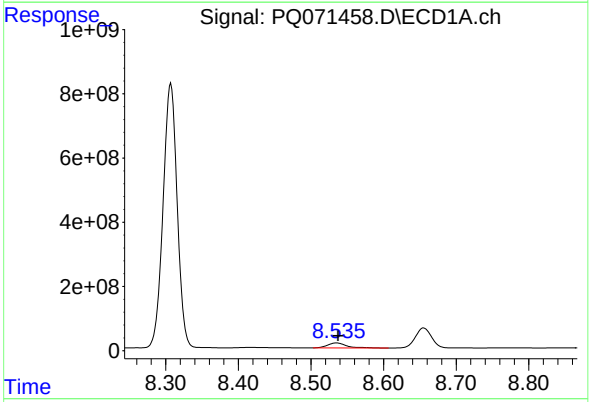
Manual Integrations APPROVED

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



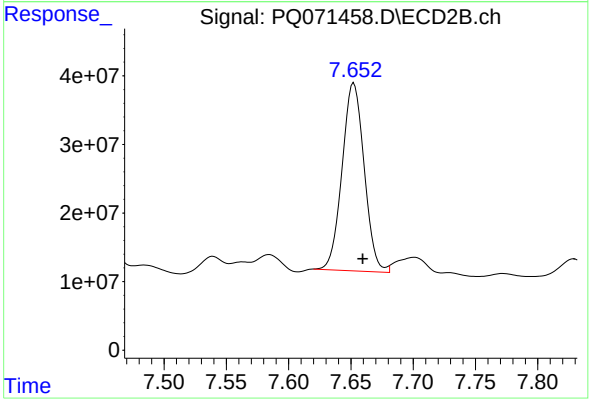
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 188144107
Conc: 20.15 ng/ml



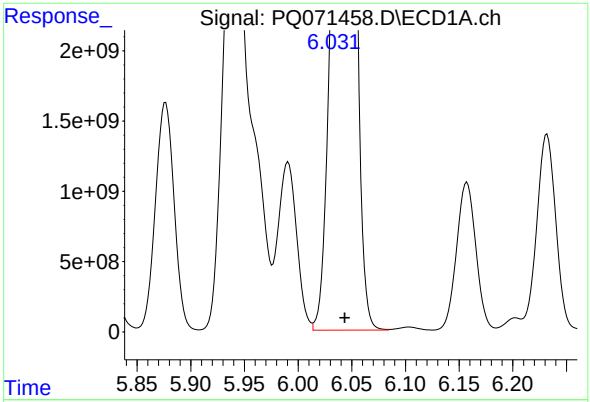
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 279598087
Conc: 44.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.652 min
Delta R.T.: -0.007 min
Response: 339546323
Conc: 37.16 ng/ml



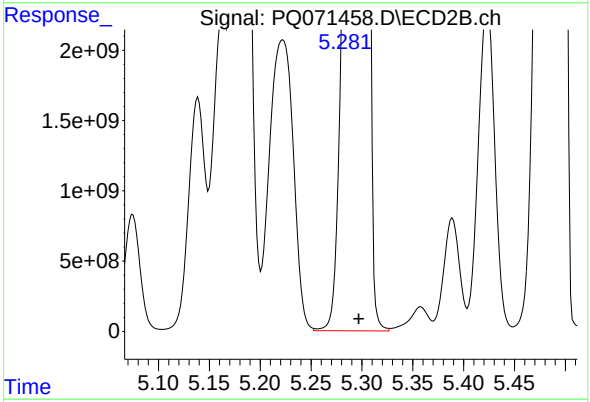
#31 AR-1260-1

R.T.: 6.035 min
Delta R.T.: -0.009 min
Response: 37137149628
Conc: 82988.57 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AK6

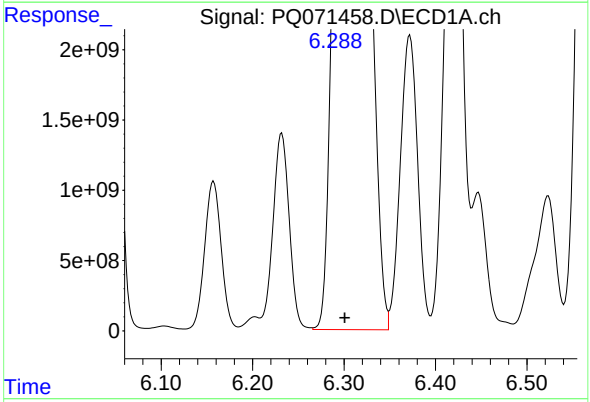
Manual Integrations APPROVED

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



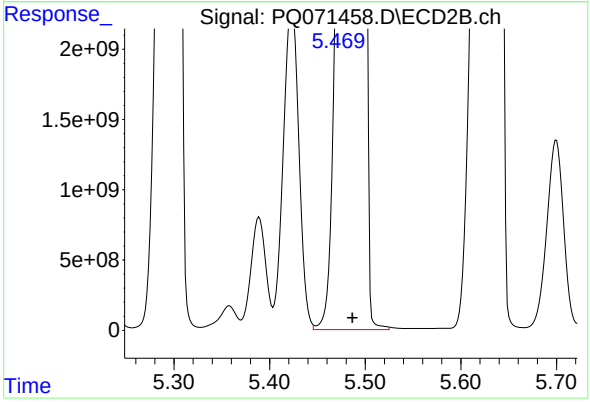
#31 AR-1260-1

R.T.: 5.281 min
Delta R.T.: -0.016 min
Response: 45473268897
Conc: 91142.16 ng/ml m



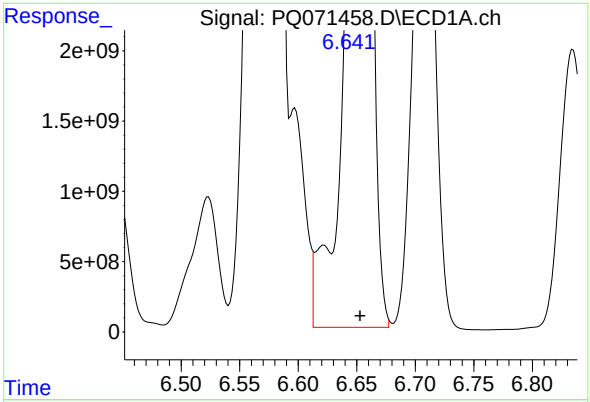
#32 AR-1260-2

R.T.: 6.287 min
Delta R.T.: -0.013 min
Response: 73057131859
Conc: 142993.06 ng/ml m



#32 AR-1260-2

R.T.: 5.469 min
Delta R.T.: -0.018 min
Response: 51623245566
Conc: 85134.08 ng/ml m



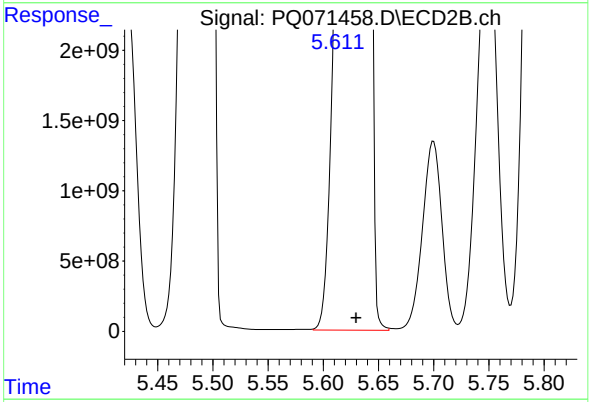
#33 AR-1260-3

R.T.: 6.641 min
Delta R.T.: -0.012 min
Response: 49222069447
Conc: 128606.55 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AK6

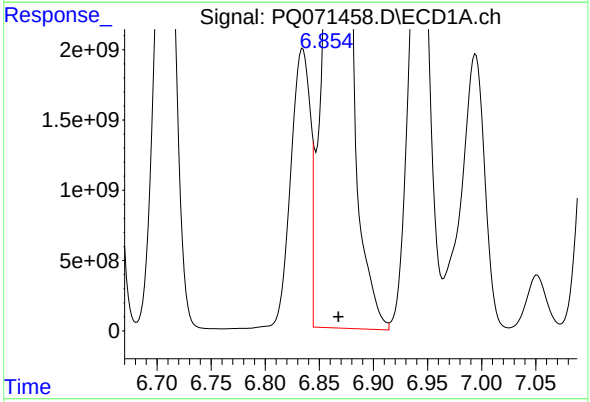
Manual Integrations APPROVED

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



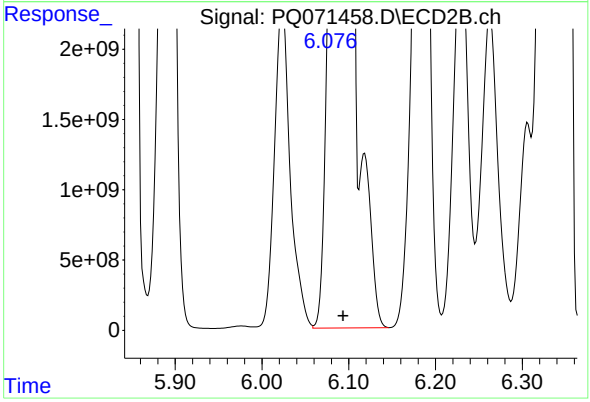
#33 AR-1260-3

R.T.: 5.611 min
Delta R.T.: -0.019 min
Response: 54080933533
Conc: 91479.00 ng/ml m



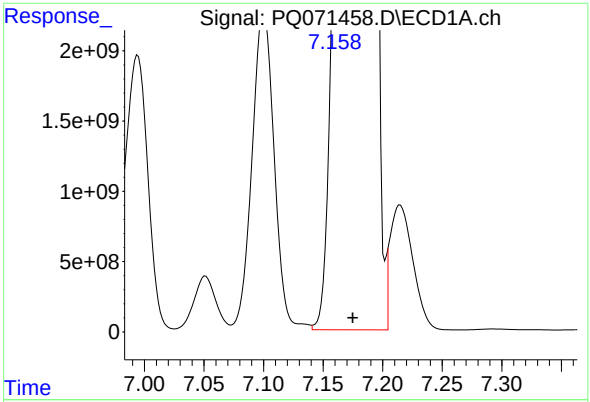
#34 AR-1260-4

R.T.: 6.854 min
Delta R.T.: -0.014 min
Response: 52755556896
Conc: 126165.82 ng/ml m



#34 AR-1260-4

R.T.: 6.076 min
Delta R.T.: -0.018 min
Response: 61241545131
Conc: 123625.69 ng/ml m



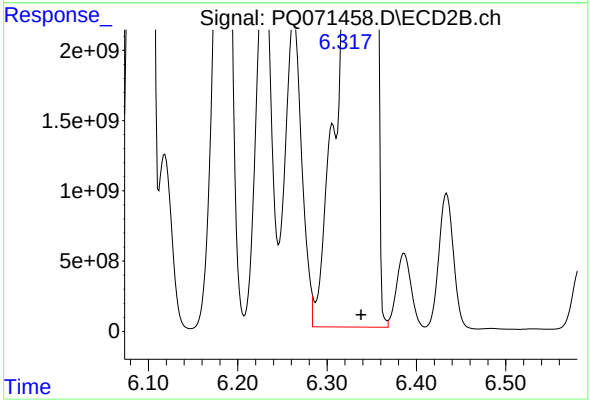
#35 AR-1260-5

R.T.: 7.191 min
Delta R.T.: 0.017 min
Response: 50920155478
Conc: 61184.62 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AK6

Manual Integrations APPROVED

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



#35 AR-1260-5

R.T.: 6.317 min
Delta R.T.: -0.021 min
Response: 74361679525
Conc: 64758.86 ng/ml m

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AK6DL	SDG No.:	Q3693
Lab Sample ID:	Q3693-03DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	1000	UD	50	237	1000	ug/kg	11/25/25 10:56	PB170682
11104-28-2	Aroclor-1221	1000	UD	50	242	1000	ug/kg	11/25/25 10:56	PB170682
11141-16-5	Aroclor-1232	1000	UD	50	224	1000	ug/kg	11/25/25 10:56	PB170682
53469-21-9	Aroclor-1242	1000	UD	50	241	1000	ug/kg	11/25/25 10:56	PB170682
12672-29-6	Aroclor-1248	1000	UD	50	356	1000	ug/kg	11/25/25 10:56	PB170682
11097-69-1	Aroclor-1254	1000	UD	50	193	1000	ug/kg	11/25/25 10:56	PB170682
37324-23-5	Aroclor-1262	1000	UD	50	302	1000	ug/kg	11/25/25 10:56	PB170682
11100-14-4	Aroclor-1268	1000	UD	50	216	1000	ug/kg	11/25/25 10:56	PB170682
11096-82-5	Aroclor-1260	120000	ED	50	194	1000	ug/kg	11/25/25 10:56	PB170682
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_Q\Data\PQ112525\
Data File : PQ071501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 10:56
Operator : YP\AJ
Sample : Q3693-03DL 50X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK6DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 12:07:05 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						
	Target Compounds						
31)	L7 AR-1260-1	6.046	5.292	2554.0E6	2958.2E6	5707.235	5929.103
32)	L7 AR-1260-2	6.303	5.482	3140.3E6	3730.9E6	6146.530	6152.777
33)	L7 AR-1260-3	6.656	5.625	2187.7E6	3502.6E6	5716.058	5924.796
34)	L7 AR-1260-4	6.871	6.087	2439.8E6	2900.4E6	5834.940	5854.940
35)	L7 AR-1260-5	7.178	6.333	5382.4E6	7286.1E6	6467.365	6345.224

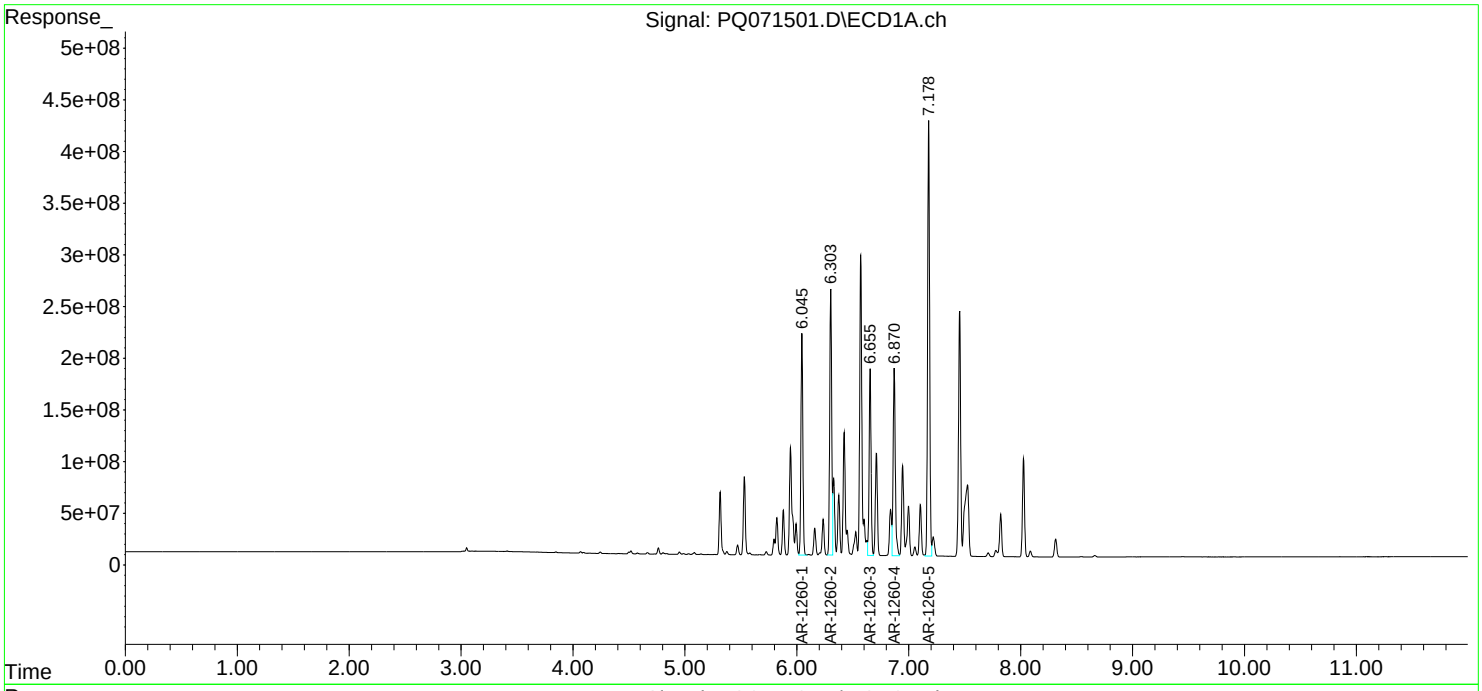
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

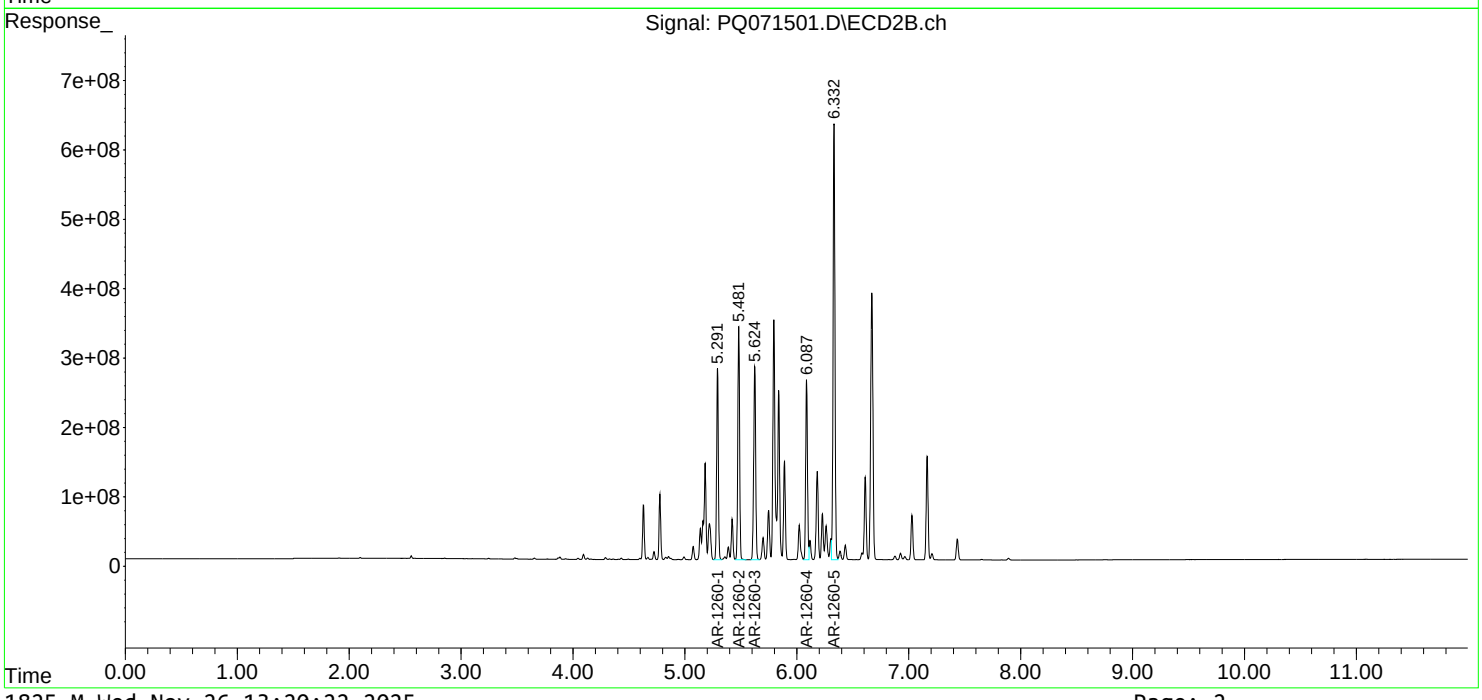
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112525\
Data File : PQ071501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 10:56
Operator : YP\AJ
Sample : Q3693-03DL 50X
Misc :
ALS Vial : 31 Sample Multiplier: 1

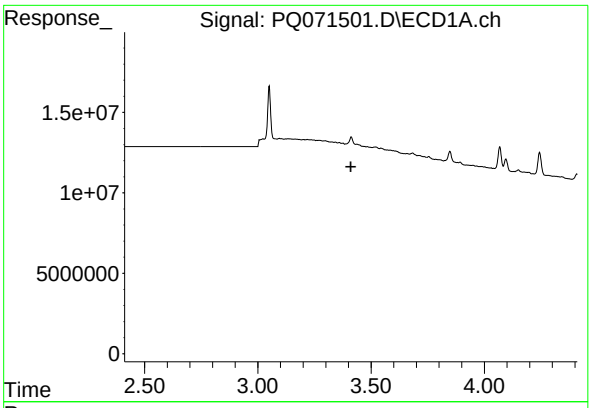
Instrument :
ECD_Q
ClientSampleId :
C0AK6DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 12:07:05 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



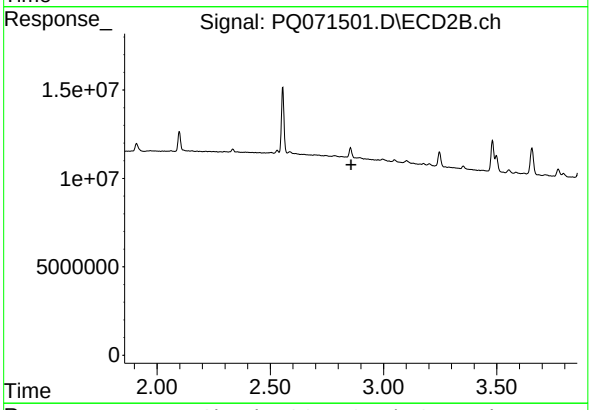




#1 Tetrachloro-m-xylene

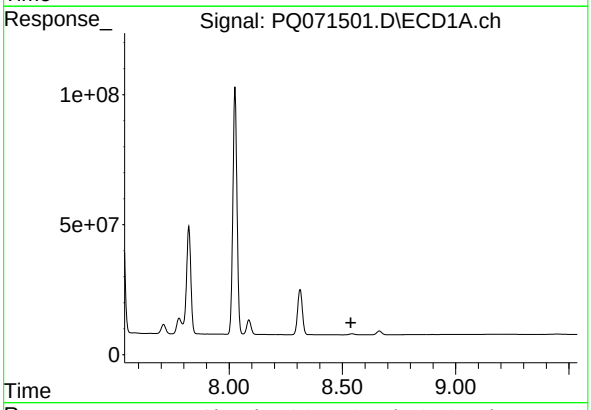
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AK6DL



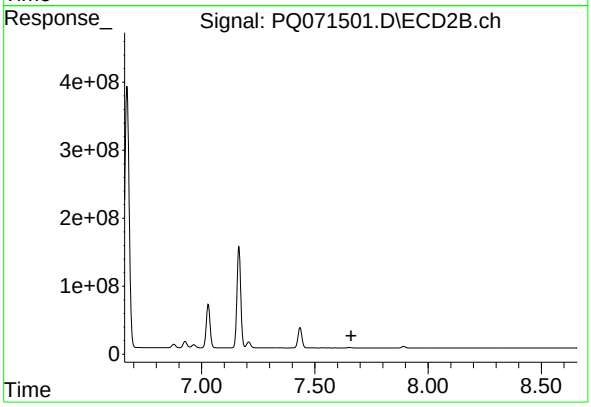
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 2.856 min
Response: 0
Conc: N.D.



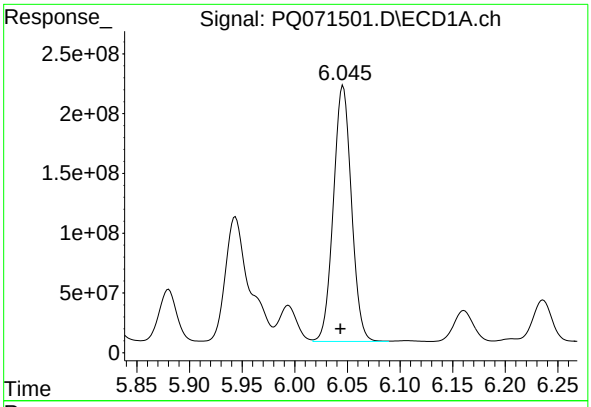
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.537 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

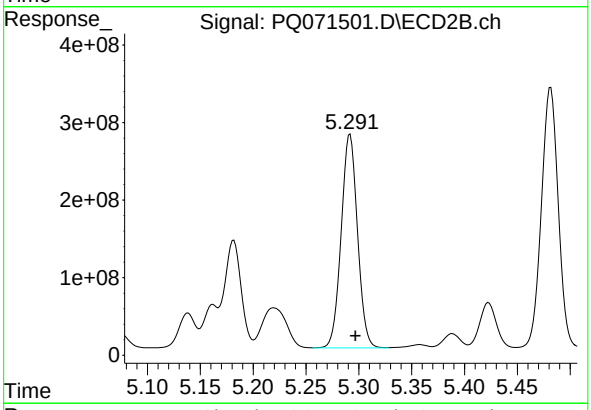
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#31 AR-1260-1

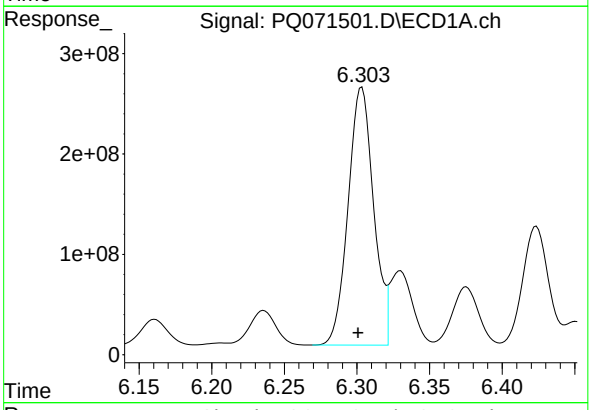
R.T.: 6.046 min
Delta R.T.: 0.003 min
Response: 2553971605
Conc: 5707.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK6DL



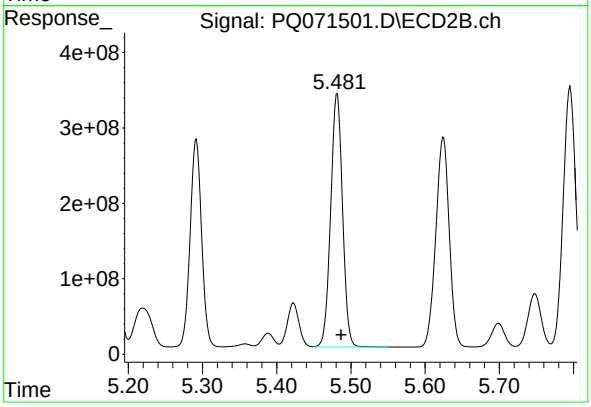
#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 2958188591
Conc: 5929.10 ng/ml



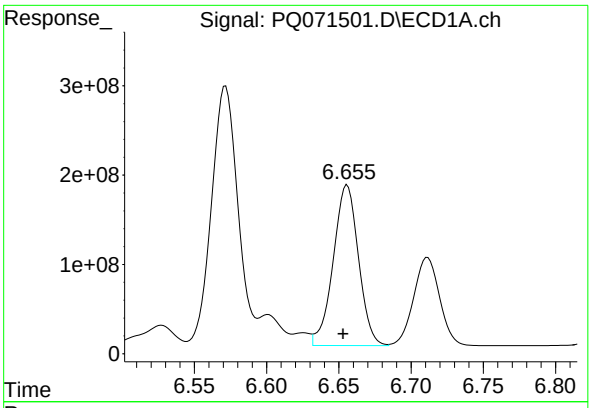
#32 AR-1260-2

R.T.: 6.303 min
Delta R.T.: 0.003 min
Response: 3140347092
Conc: 6146.53 ng/ml



#32 AR-1260-2

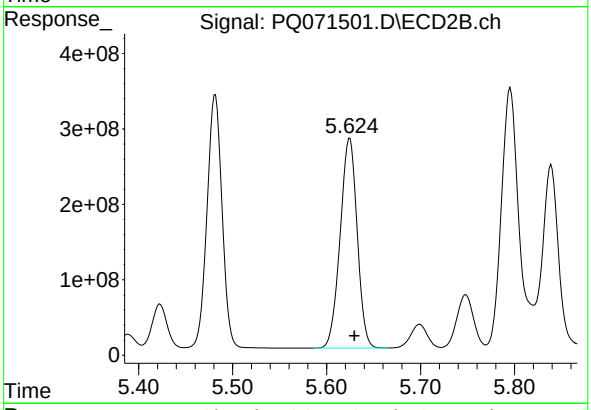
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 3730895039
Conc: 6152.78 ng/ml



#33 AR-1260-3

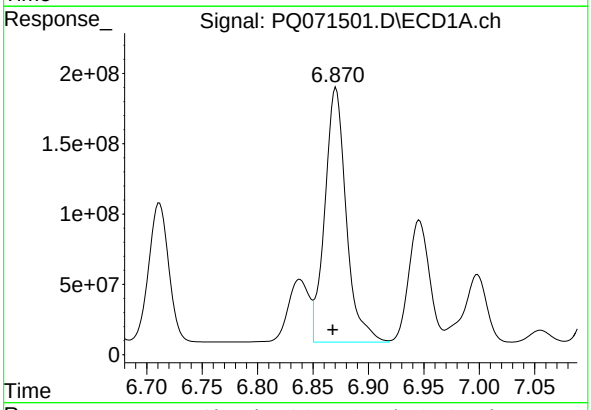
R.T.: 6.656 min
Delta R.T.: 0.003 min
Response: 2187728372
Conc: 5716.06 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AK6DL



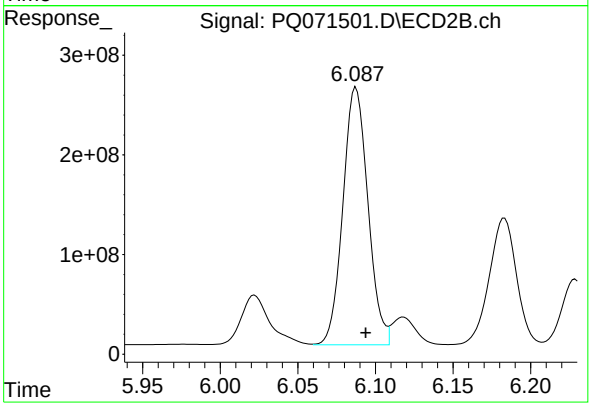
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 3502645354
Conc: 5924.80 ng/ml



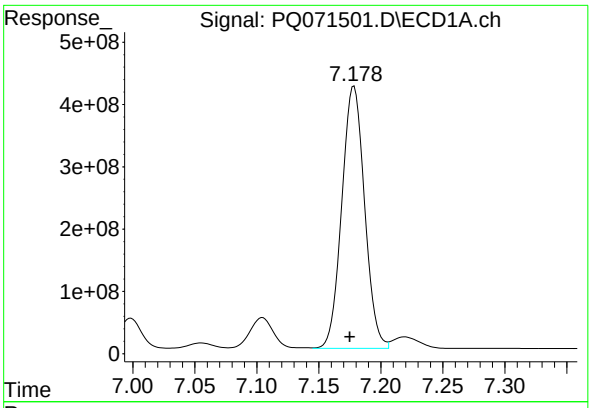
#34 AR-1260-4

R.T.: 6.871 min
Delta R.T.: 0.003 min
Response: 2439848845
Conc: 5834.94 ng/ml



#34 AR-1260-4

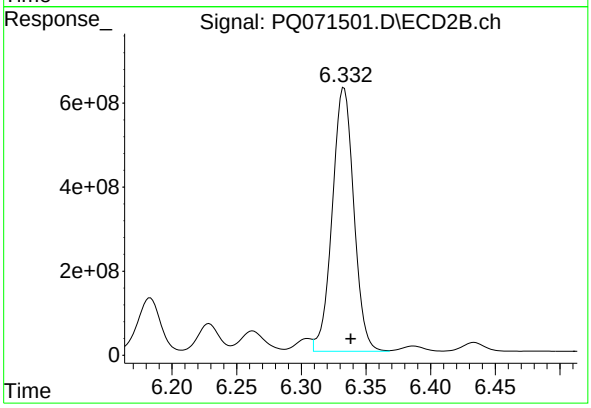
R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 2900413320
Conc: 5854.94 ng/ml



#35 AR-1260-5

R.T.: 7.178 min
Delta R.T.: 0.004 min
Response: 5382385155
Conc: 6467.36 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AK6DL



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 7286130653
Conc: 6345.22 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:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AK6DL2	SDG No.:	Q3693
Lab Sample ID:	Q3693-03DL2	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	10000	UD	500	2400	10000	ug/kg	11/25/25 11:11	PB170682
11104-28-2	Aroclor-1221	10000	UD	500	2400	10000	ug/kg	11/25/25 11:11	PB170682
11141-16-5	Aroclor-1232	10000	UD	500	2200	10000	ug/kg	11/25/25 11:11	PB170682
53469-21-9	Aroclor-1242	10000	UD	500	2400	10000	ug/kg	11/25/25 11:11	PB170682
12672-29-6	Aroclor-1248	10000	UD	500	3600	10000	ug/kg	11/25/25 11:11	PB170682
11097-69-1	Aroclor-1254	10000	UD	500	1900	10000	ug/kg	11/25/25 11:11	PB170682
37324-23-5	Aroclor-1262	10000	UD	500	3000	10000	ug/kg	11/25/25 11:11	PB170682
11100-14-4	Aroclor-1268	10000	UD	500	2200	10000	ug/kg	11/25/25 11:11	PB170682
11096-82-5	Aroclor-1260	170000	D	500	1900	10000	ug/kg	11/25/25 11:11	PB170682
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_Q\Data\PQ112525\
Data File : PQ071502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 11:11
Operator : YP\AJ
Sample : Q3693-03DL2 500X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK6DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 12:07:49 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						
	Target Compounds						
31)	L7 AR-1260-1	6.043	5.292	365.3E6	409.3E6	816.320	820.436
32)	L7 AR-1260-2	6.301	5.482	440.4E6	508.5E6	862.013	838.597
33)	L7 AR-1260-3	6.653	5.625	308.5E6	477.6E6	806.161	807.812
34)	L7 AR-1260-4	6.868	6.088	338.7E6	393.7E6	809.976	794.764
35)	L7 AR-1260-5	7.176	6.333	695.4E6	967.2E6	835.608	842.278

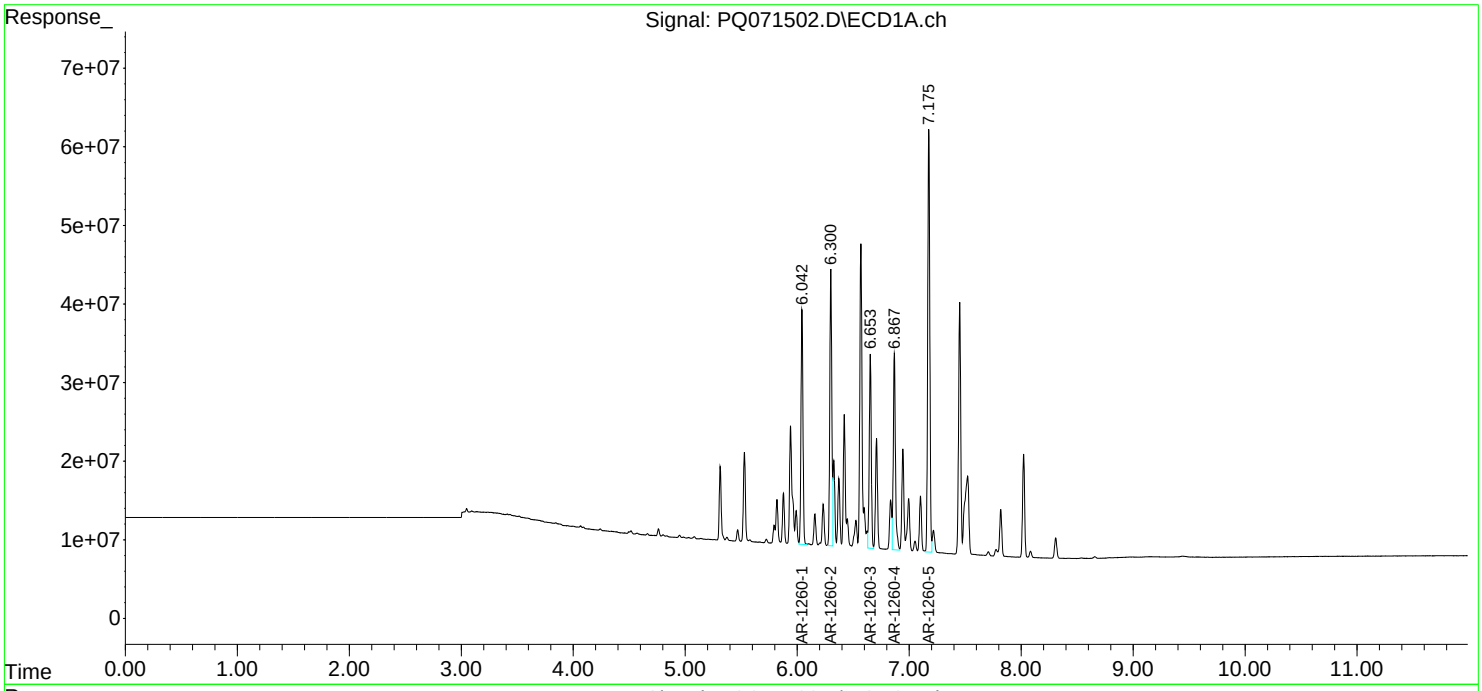
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

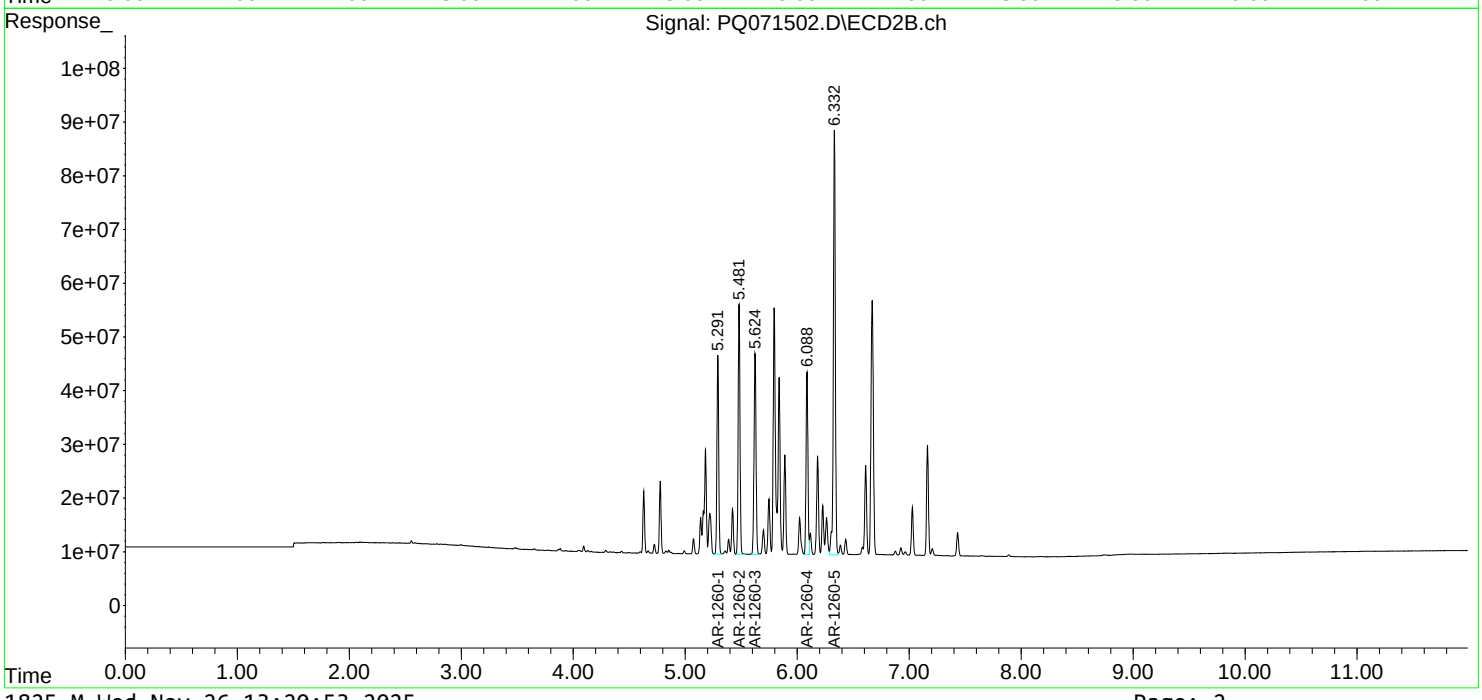
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112525\
Data File : PQ071502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 11:11
Operator : YP\AJ
Sample : Q3693-03DL2 500X
Misc :
ALS Vial : 32 Sample Multiplier: 1

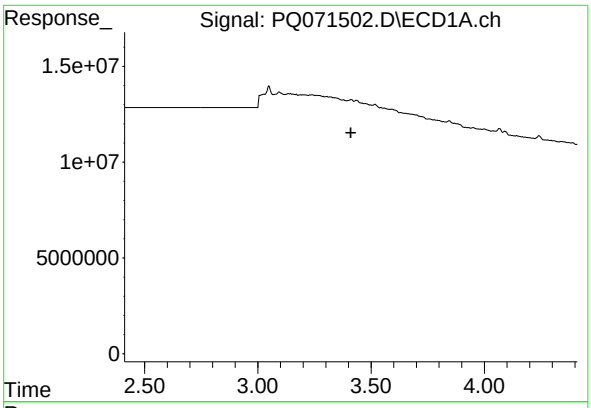
Instrument :
ECD_Q
ClientSampleId :
C0AK6DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 12:07:49 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



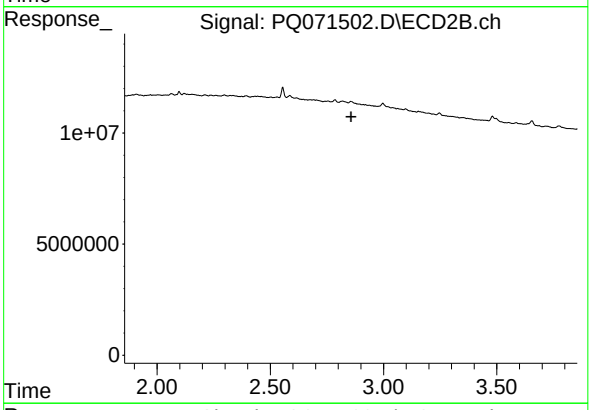




#1 Tetrachloro-m-xylene

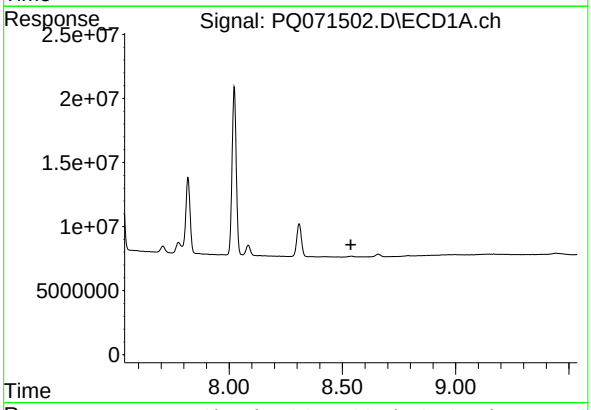
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AK6DL2



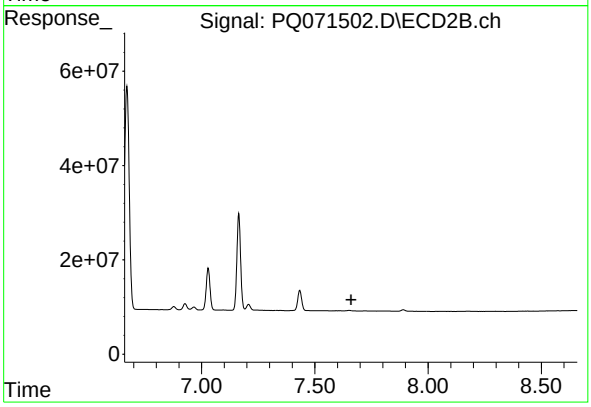
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 2.856 min
Response: 0
Conc: N.D.



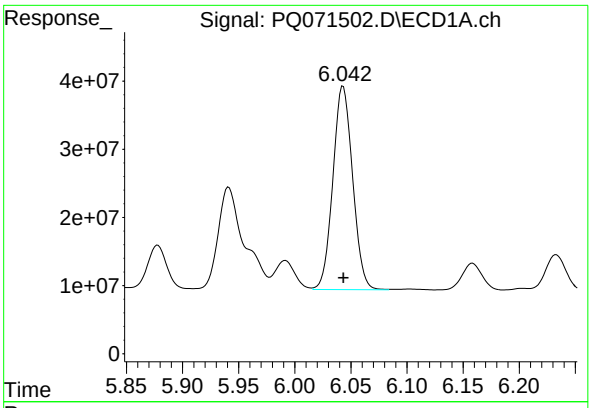
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.537 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

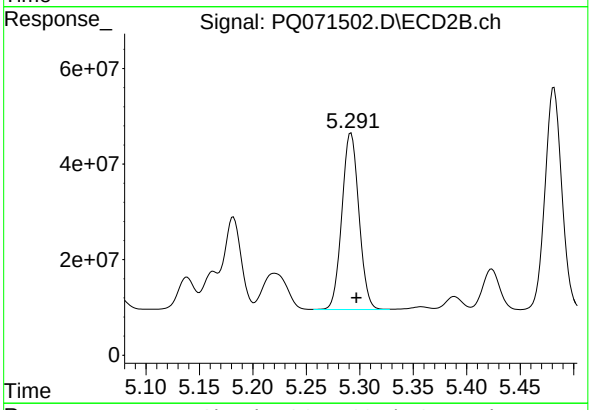
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#31 AR-1260-1

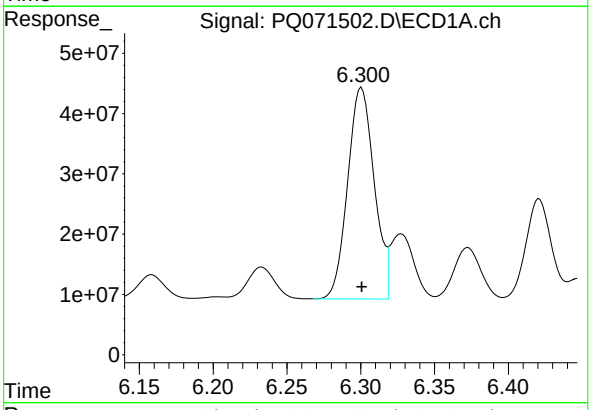
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 365300768
Conc: 816.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK6DL2



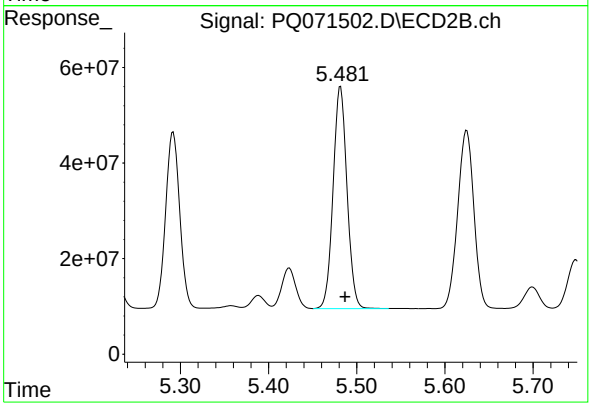
#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 409337588
Conc: 820.44 ng/ml



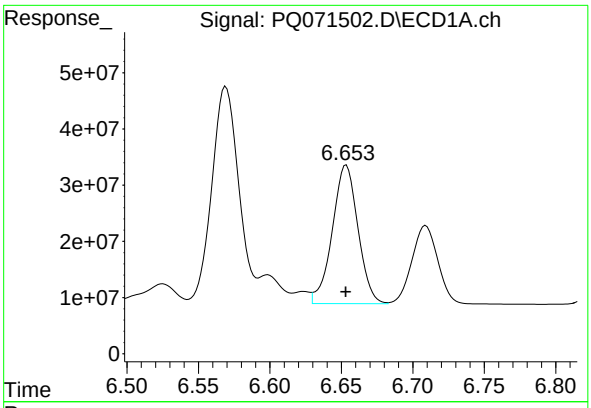
#32 AR-1260-2

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 440414196
Conc: 862.01 ng/ml



#32 AR-1260-2

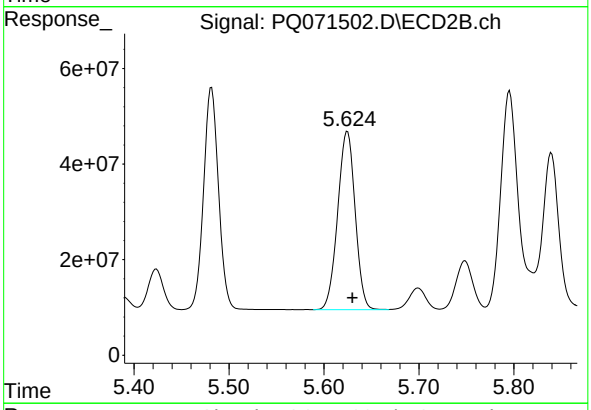
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 508505216
Conc: 838.60 ng/ml



#33 AR-1260-3

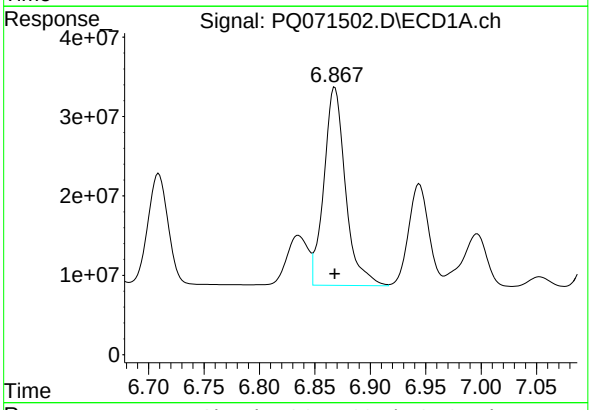
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 308544862
Conc: 806.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK6DL2



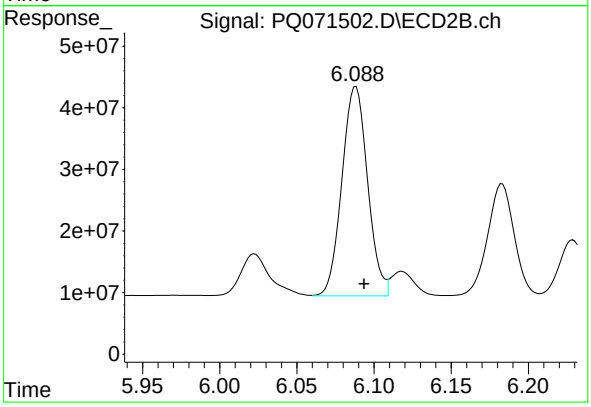
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 477565878
Conc: 807.81 ng/ml



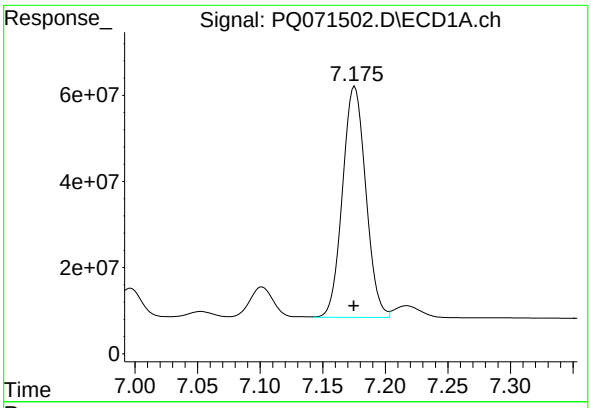
#34 AR-1260-4

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 338687079
Conc: 809.98 ng/ml



#34 AR-1260-4

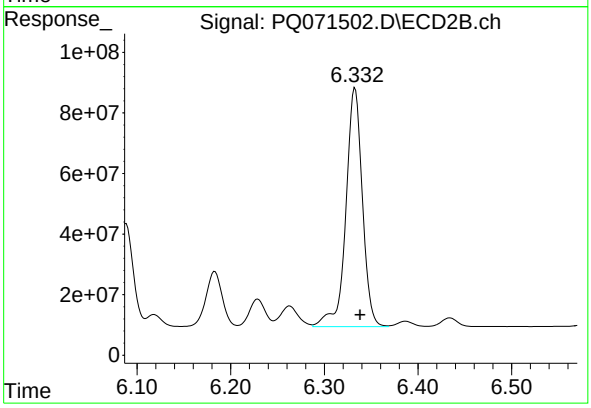
R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 393709143
Conc: 794.76 ng/ml



#35 AR-1260-5

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 695424800
Conc: 835.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK6DL2



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 967175640
Conc: 842.28 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AK7	SDG No.:	Q3693
Lab Sample ID:	Q3693-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.4
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.3	U	1	4.70	20.3	ug/kg	11/21/25 23:27	PB170682
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/21/25 23:27	PB170682
11141-16-5	Aroclor-1232	20.3	U	1	4.50	20.3	ug/kg	11/21/25 23:27	PB170682
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/21/25 23:27	PB170682
12672-29-6	Aroclor-1248	20.3	U	1	7.10	20.3	ug/kg	11/21/25 23:27	PB170682
11097-69-1	Aroclor-1254	20.3	U	1	3.80	20.3	ug/kg	11/21/25 23:27	PB170682
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/21/25 23:27	PB170682
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/21/25 23:27	PB170682
11096-82-5	Aroclor-1260	806	E	1	3.90	20.3	ug/kg	11/21/25 23:27	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.6			21 - 165	103%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.4			10 - 170	92%	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\PQ112125\
Data File : PQ071459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:27
Operator : YP\AJ
Sample : Q3693-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:59:08 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...	3.410	2.855	178.1E6	192.6E6	20.454	20.627
2)	SA Decachlor...	8.536	7.653	115.2E6	152.9E6	18.391	16.737
	Target Compounds						
31)	L7 AR-1260-1	6.042	5.292	829.9E6	972.7E6	1854.577	1949.624
32)	L7 AR-1260-2	6.299	5.482	1041.1E6	1247.6E6	2037.655	2057.509
33)	L7 AR-1260-3	6.651	5.625	795.6E6	1125.2E6	2078.835	1903.215
34)	L7 AR-1260-4	6.867	6.089	855.8E6	1019.1E6	2046.760	2057.219
35)	L7 AR-1260-5	7.174	6.333	1735.5E6	2442.1E6	2085.304	2126.712

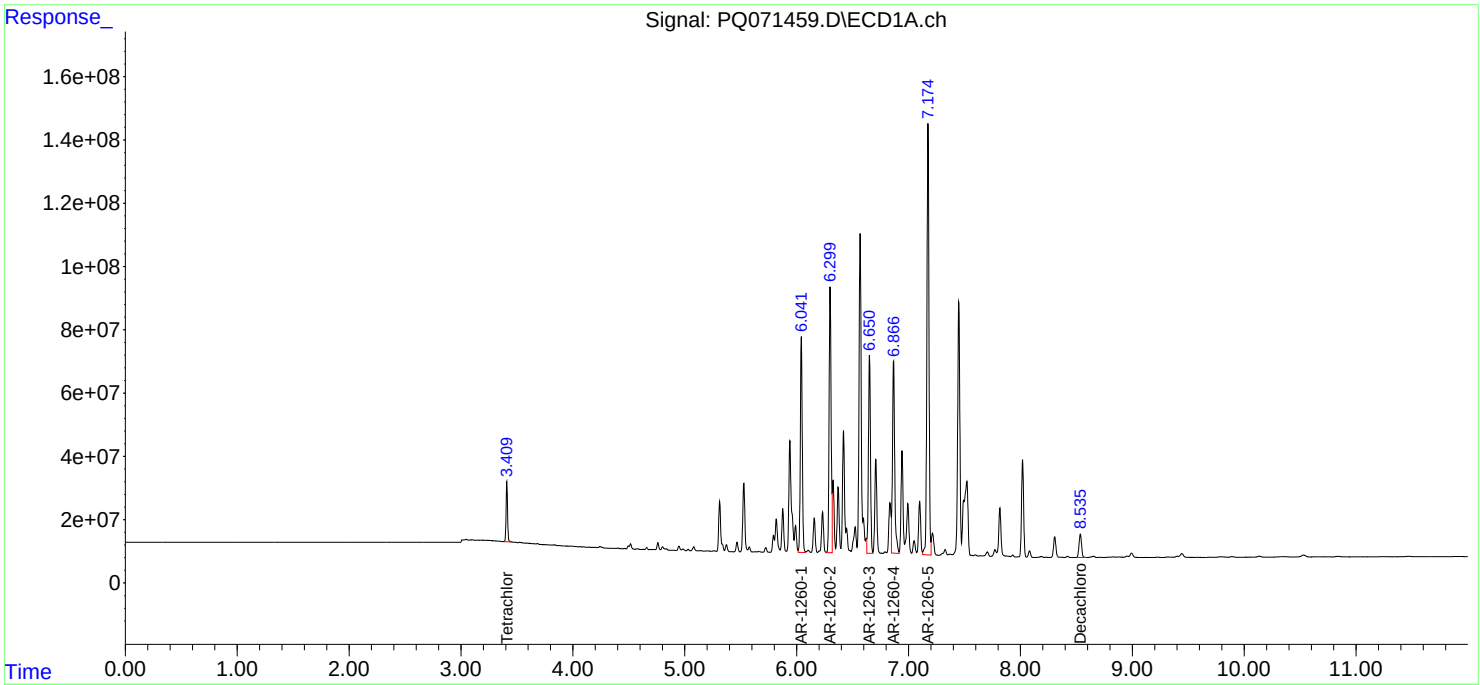
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

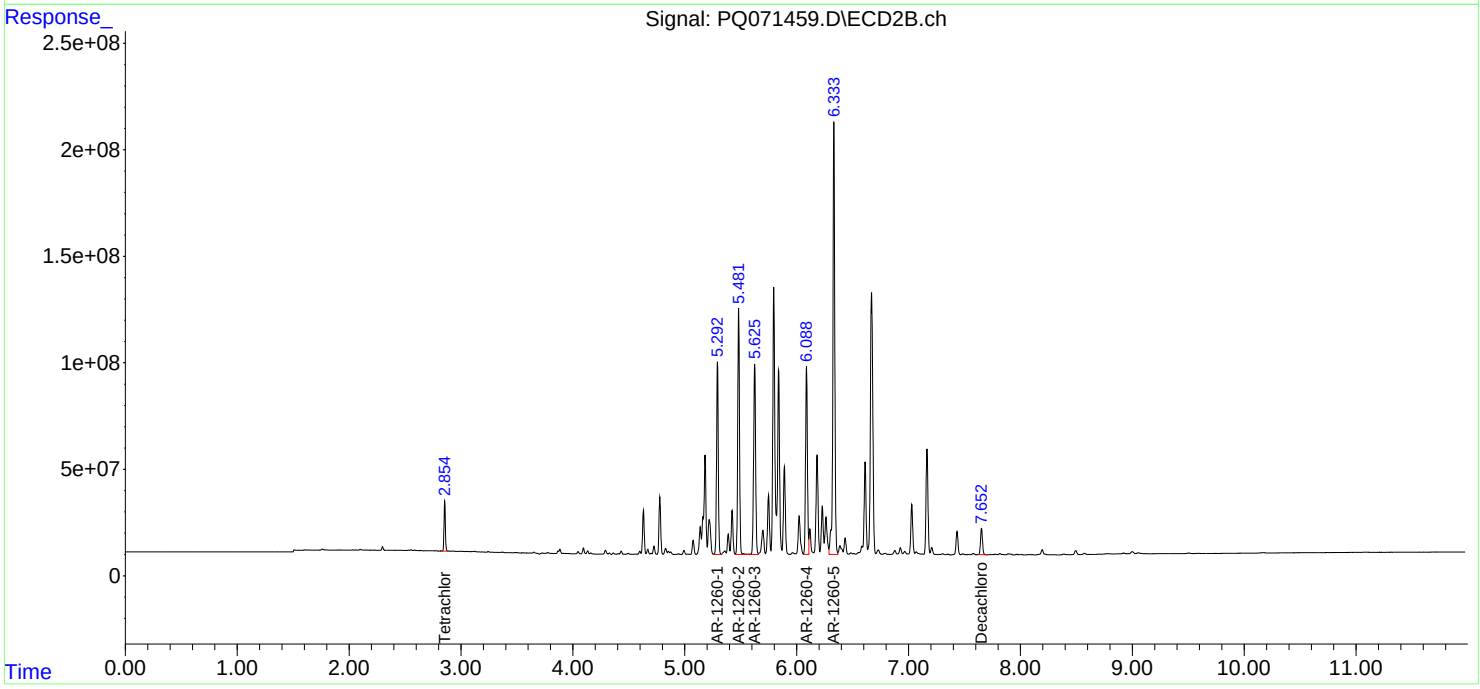
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:27
Operator : YP\AJ
Sample : Q3693-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

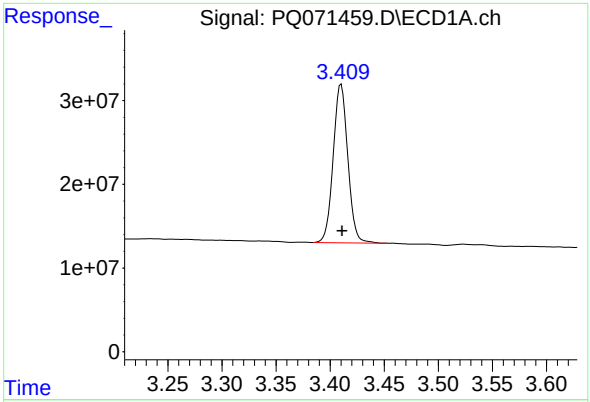
Instrument :
ECD_Q
ClientSampleId :
C0AK7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:59:08 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



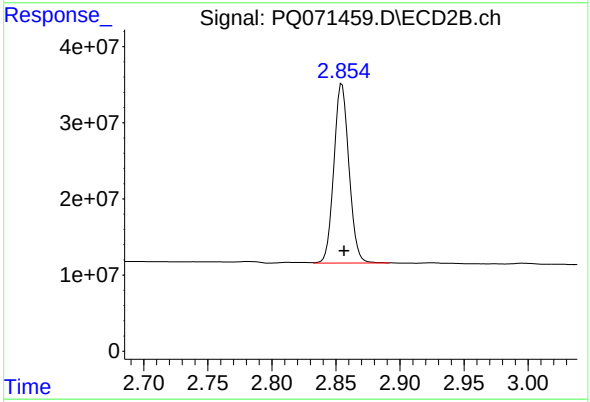




#1 Tetrachloro-m-xylene

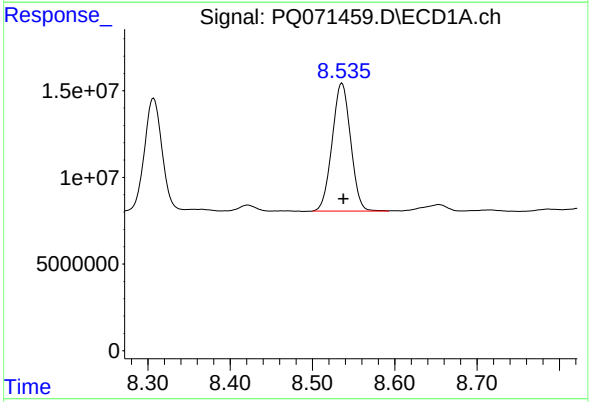
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 178055891
Conc: 20.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK7



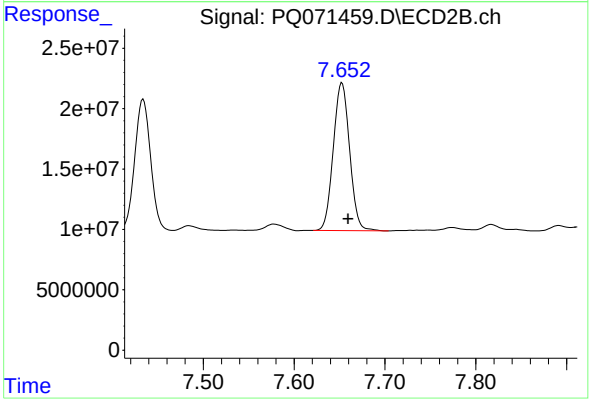
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 192587569
Conc: 20.63 ng/ml



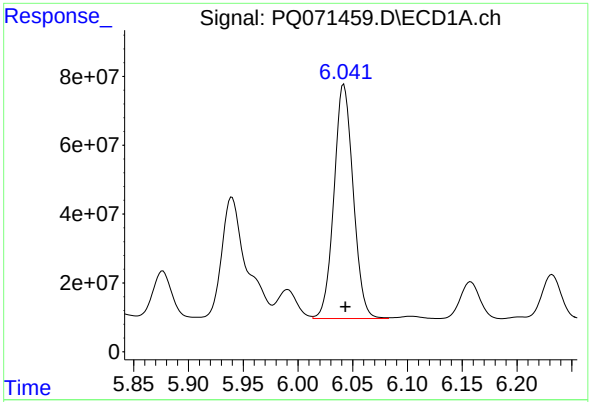
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 115155189
Conc: 18.39 ng/ml



#2 Decachlorobiphenyl

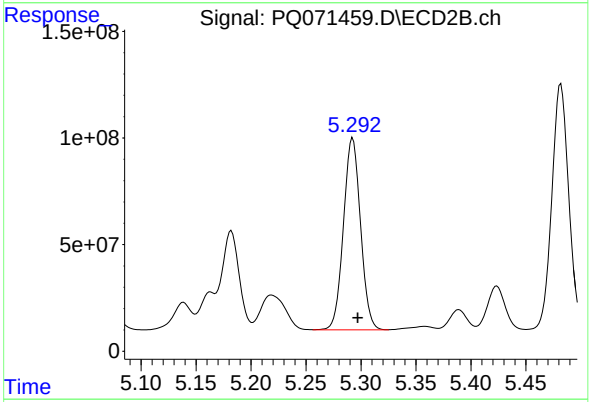
R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 152938151
Conc: 16.74 ng/ml



#31 AR-1260-1

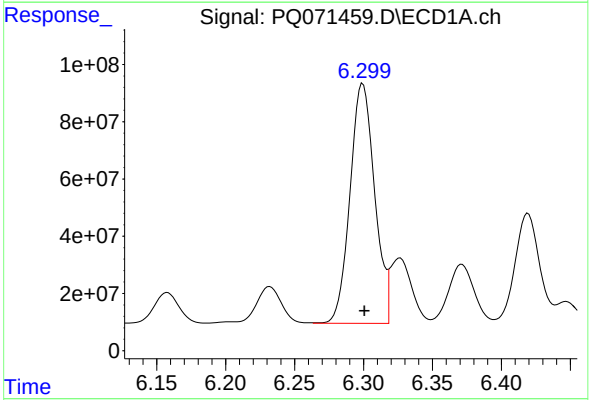
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 829918107
Conc: 1854.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK7



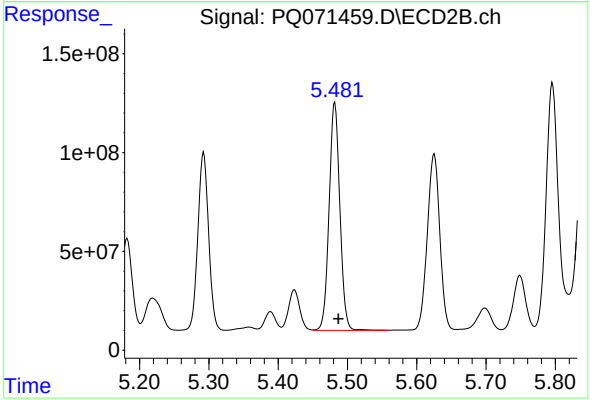
#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.004 min
Response: 972719899
Conc: 1949.62 ng/ml



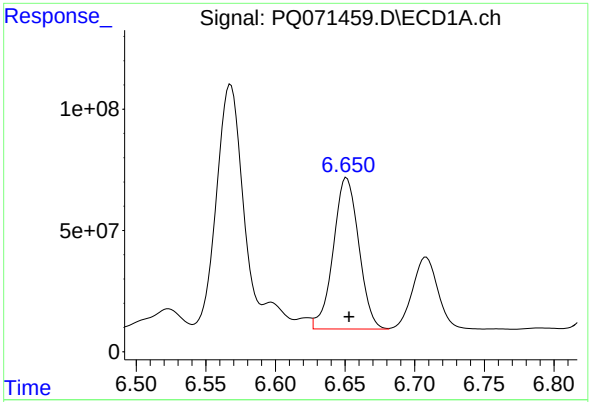
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 1041066189
Conc: 2037.66 ng/ml



#32 AR-1260-2

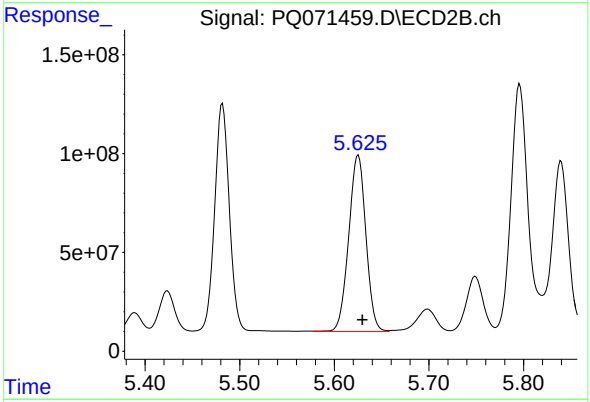
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 1247623660
Conc: 2057.51 ng/ml



#33 AR-1260-3

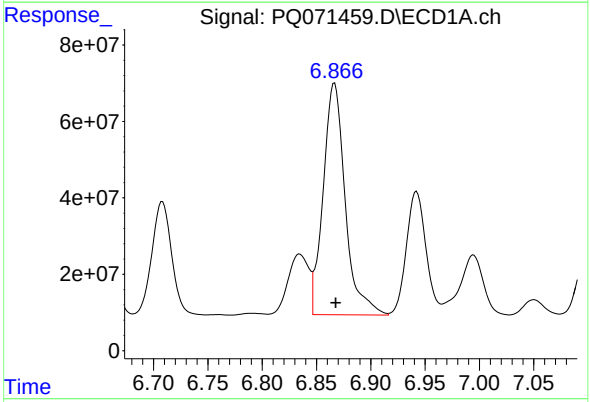
R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 795640235
Conc: 2078.83 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AK7



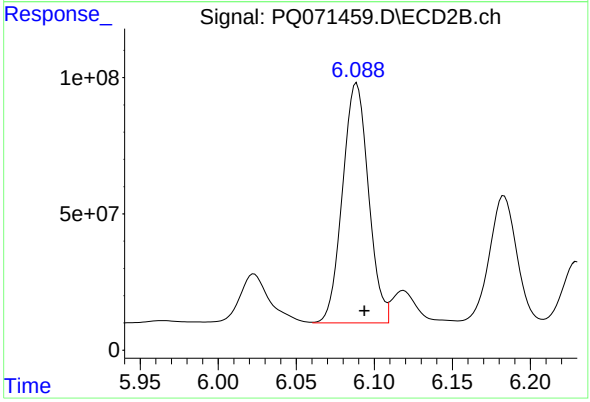
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 1125150618
Conc: 1903.22 ng/ml



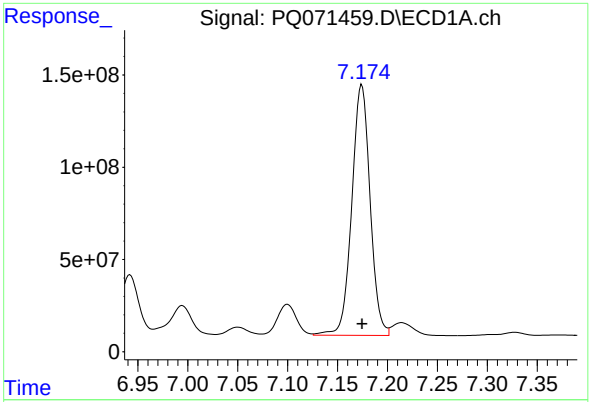
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 855841877
Conc: 2046.76 ng/ml



#34 AR-1260-4

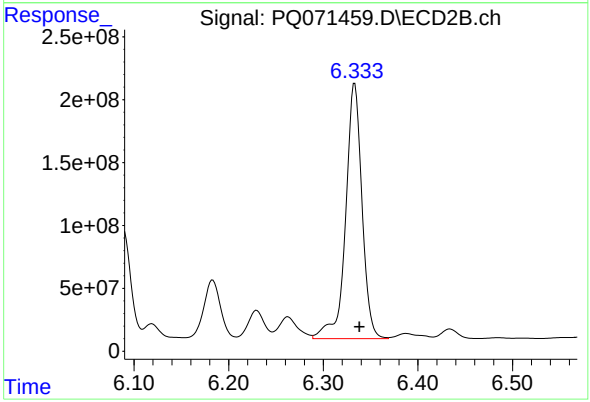
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 1019102852
Conc: 2057.22 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 1735468842
Conc: 2085.30 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AK7



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 2442073066
Conc: 2126.71 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:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AK7DL	SDG No.:	Q3693
Lab Sample ID:	Q3693-04DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.4
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	102	UD	5	23.6	102	ug/kg	11/25/25 11:25	PB170682
11104-28-2	Aroclor-1221	102	UD	5	24.1	102	ug/kg	11/25/25 11:25	PB170682
11141-16-5	Aroclor-1232	102	UD	5	22.3	102	ug/kg	11/25/25 11:25	PB170682
53469-21-9	Aroclor-1242	102	UD	5	24.0	102	ug/kg	11/25/25 11:25	PB170682
12672-29-6	Aroclor-1248	102	UD	5	35.4	102	ug/kg	11/25/25 11:25	PB170682
11097-69-1	Aroclor-1254	102	UD	5	19.2	102	ug/kg	11/25/25 11:25	PB170682
37324-23-5	Aroclor-1262	102	UD	5	30.0	102	ug/kg	11/25/25 11:25	PB170682
11100-14-4	Aroclor-1268	102	UD	5	21.5	102	ug/kg	11/25/25 11:25	PB170682
11096-82-5	Aroclor-1260	803	D	5	19.3	102	ug/kg	11/25/25 11:25	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.8			21 - 165	99%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.4			10 - 170	92%	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\PQ112525\
Data File : PQ071503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 11:25
Operator : YP\AJ
Sample : Q3693-04DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK7DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 12:08:36 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	2.853	34448663	36763953	3.957	3.938
2)	SA Decachlor...	8.536	7.652	22950729	29751760	3.665	3.256
	Target Compounds						
31)	L7 AR-1260-1	6.043	5.291	168.9E6	190.4E6	377.435	381.629
32)	L7 AR-1260-2	6.300	5.481	211.8E6	243.5E6	414.611	401.584
33)	L7 AR-1260-3	6.652	5.624	161.6E6	219.3E6	422.348	370.976
34)	L7 AR-1260-4	6.867	6.087	170.4E6	195.4E6	407.469	394.509
35)	L7 AR-1260-5	7.174	6.332	325.2E6	450.7E6	390.714	392.528

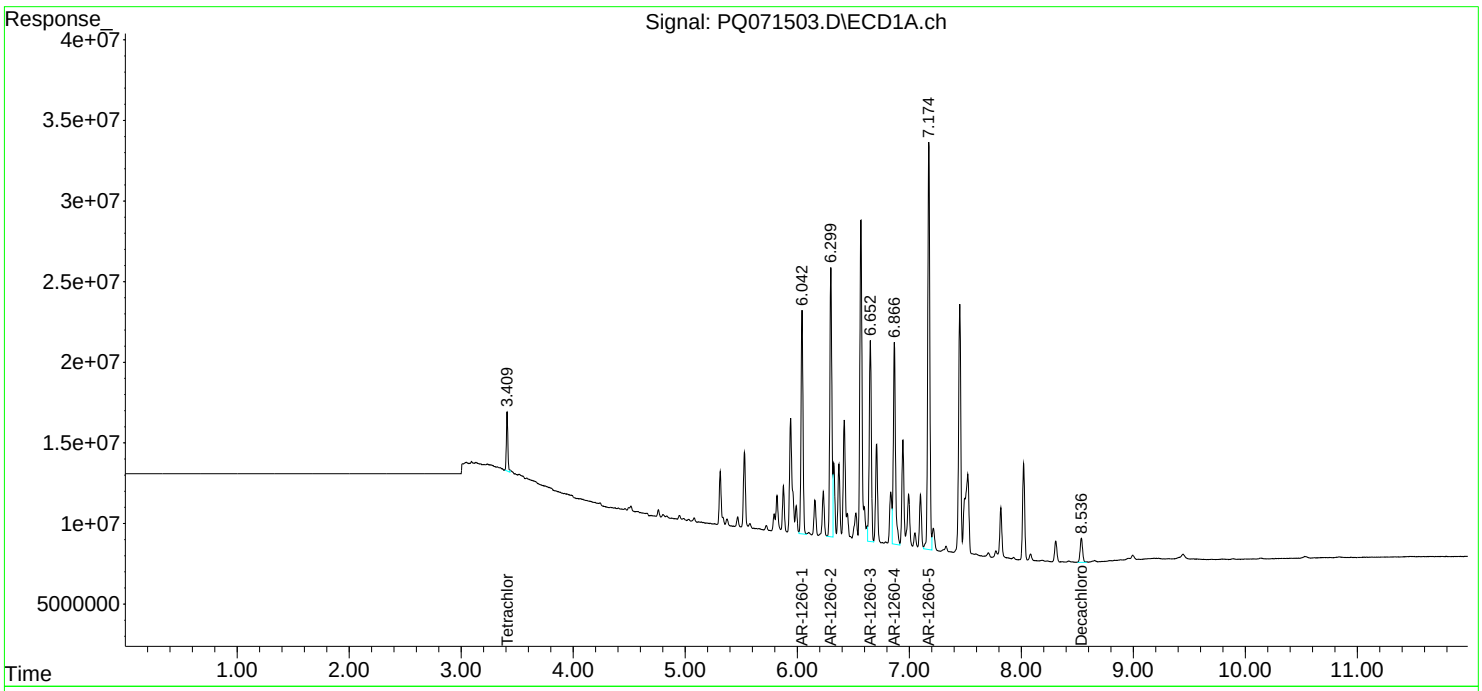
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

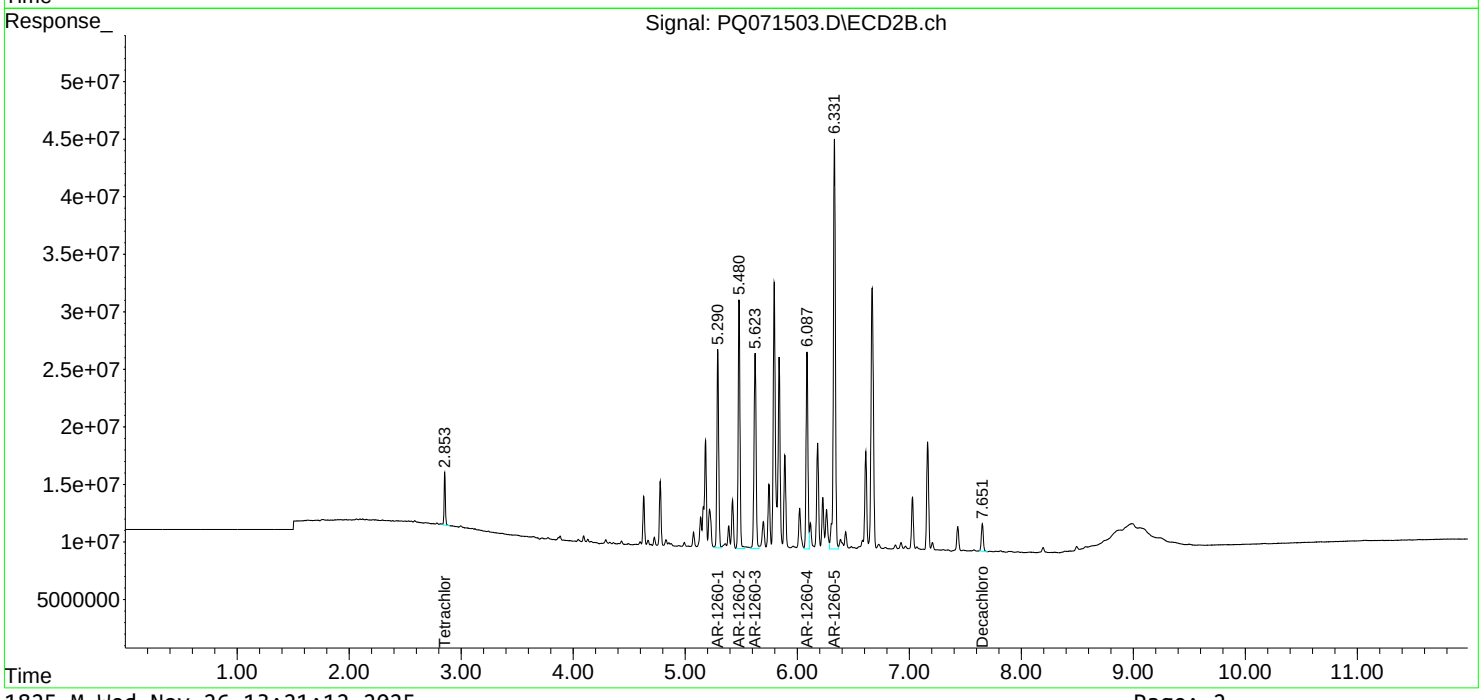
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112525\
Data File : PQ071503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 11:25
Operator : YP\AJ
Sample : Q3693-04DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

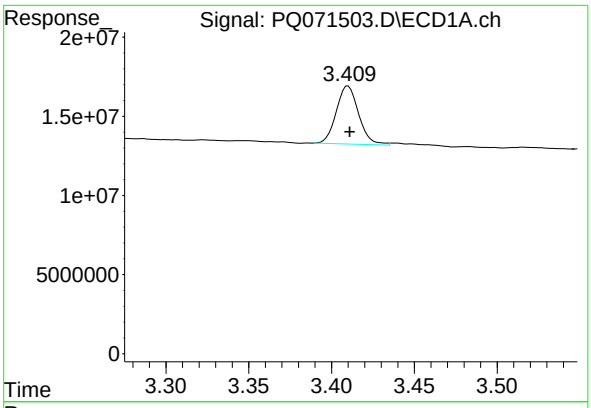
Instrument :
ECD_Q
ClientSampleId :
C0AK7DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 12:08:36 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



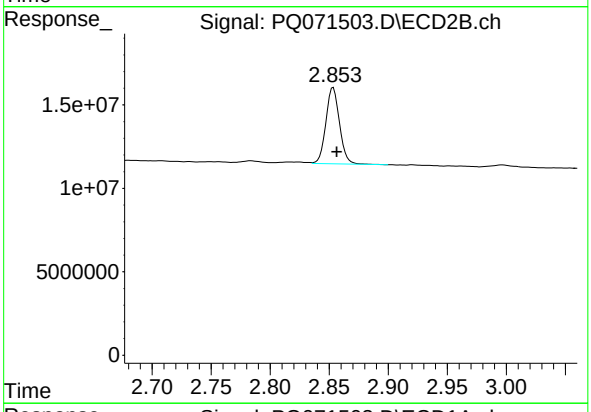




#1 Tetrachloro-m-xylene

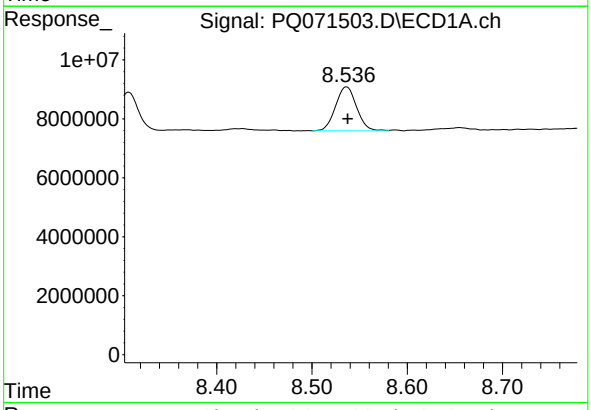
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 34448663
Conc: 3.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK7DL



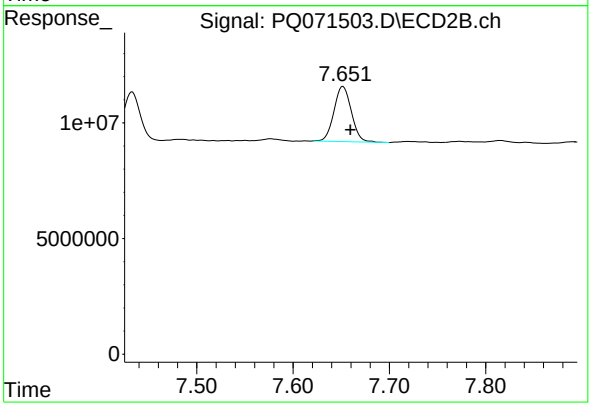
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 36763953
Conc: 3.94 ng/ml



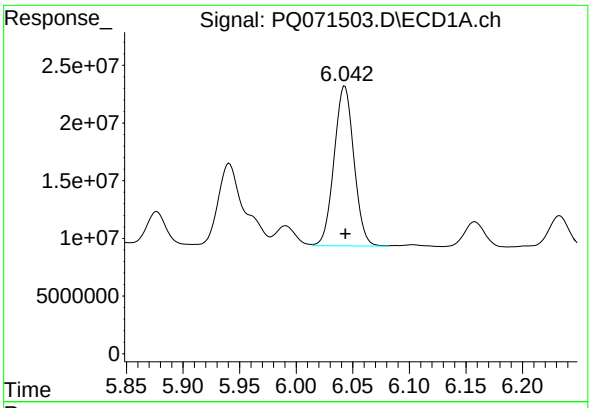
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 22950729
Conc: 3.67 ng/ml



#2 Decachlorobiphenyl

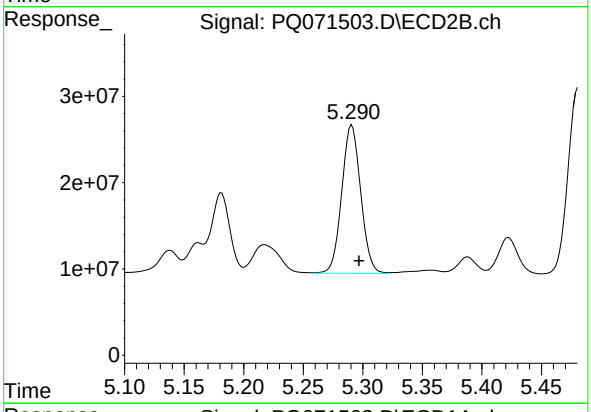
R.T.: 7.652 min
Delta R.T.: -0.008 min
Response: 29751760
Conc: 3.26 ng/ml



#31 AR-1260-1

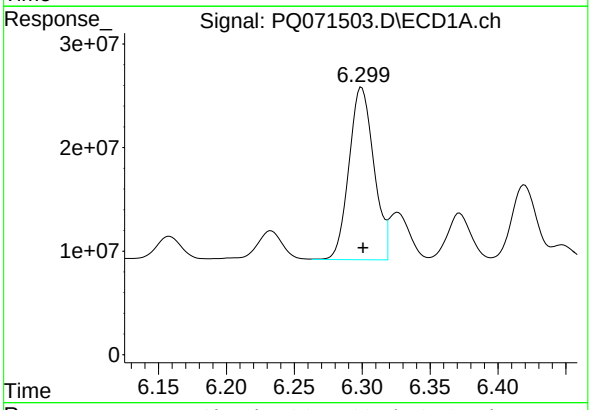
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 168901065
Conc: 377.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK7DL



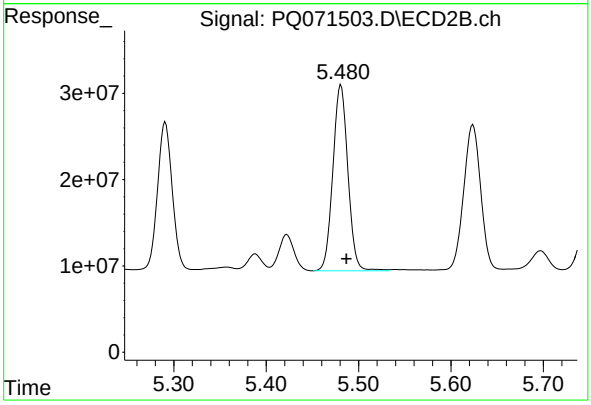
#31 AR-1260-1

R.T.: 5.291 min
Delta R.T.: -0.006 min
Response: 190405098
Conc: 381.63 ng/ml



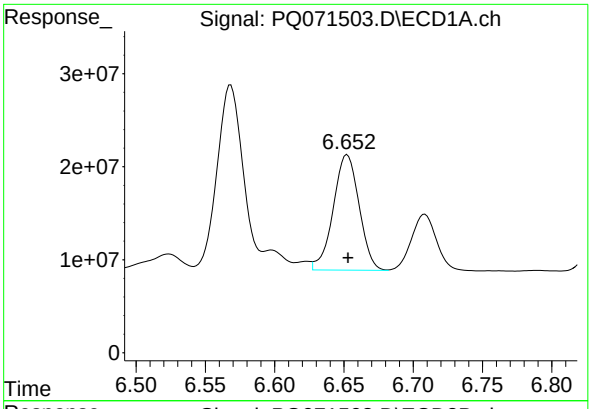
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 211830448
Conc: 414.61 ng/ml



#32 AR-1260-2

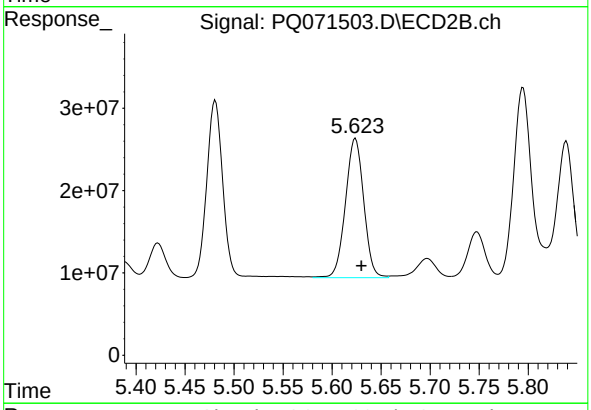
R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 243510924
Conc: 401.58 ng/ml



#33 AR-1260-3

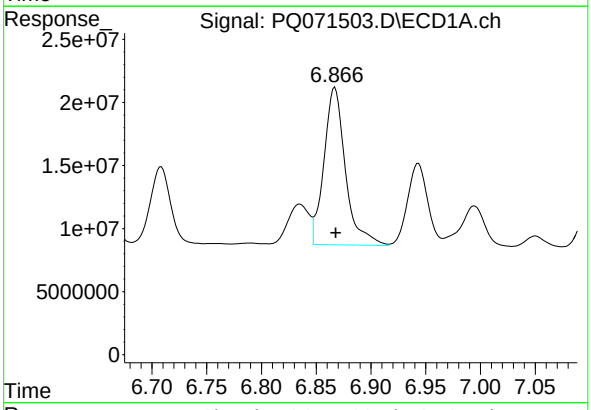
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 161647029
Conc: 422.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK7DL



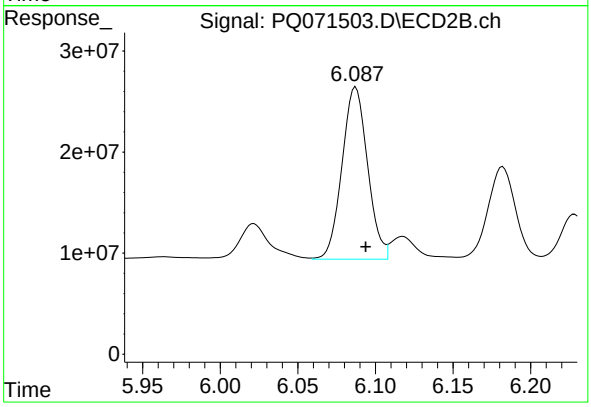
#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 219315401
Conc: 370.98 ng/ml



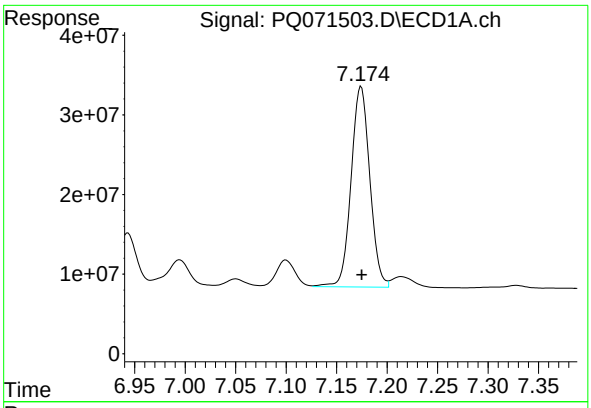
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 170381152
Conc: 407.47 ng/ml



#34 AR-1260-4

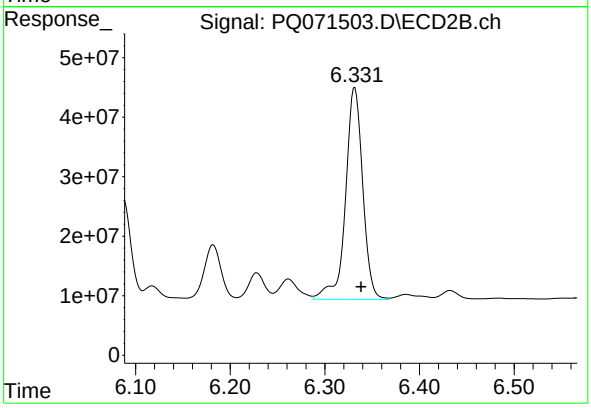
R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 195431570
Conc: 394.51 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 325166763
Conc: 390.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK7DL



#35 AR-1260-5

R.T.: 6.332 min
Delta R.T.: -0.007 min
Response: 450734177
Conc: 392.53 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:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AK8	SDG No.:	Q3693
Lab Sample ID:	Q3693-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.7
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.3	U	1	4.70	20.3	ug/kg	11/21/25 23:42	PB170682
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/21/25 23:42	PB170682
11141-16-5	Aroclor-1232	20.3	U	1	4.40	20.3	ug/kg	11/21/25 23:42	PB170682
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/21/25 23:42	PB170682
12672-29-6	Aroclor-1248	20.3	U	1	7.10	20.3	ug/kg	11/21/25 23:42	PB170682
11097-69-1	Aroclor-1254	20.3	U	1	3.80	20.3	ug/kg	11/21/25 23:42	PB170682
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/21/25 23:42	PB170682
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/21/25 23:42	PB170682
11096-82-5	Aroclor-1260	66.0		1	3.90	20.3	ug/kg	11/21/25 23:42	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.3			21 - 165	116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.1			10 - 170	100%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:42
Operator : YP\AJ
Sample : Q3693-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:59:35 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	202.6E6	216.9E6	23.277	23.235
2)	SA Decachlor...	8.535	7.653	125.8E6	172.2E6	20.088	18.846
	Target Compounds						
31)	L7 AR-1260-1	6.042	5.292	65623517	74790106	146.646	149.902
32)	L7 AR-1260-2	6.299	5.482	91731466	103.7E6	179.544	171.045
33)	L7 AR-1260-3	6.651	5.625	74484522	86776835	194.612	146.785
34)	L7 AR-1260-4	6.866	6.088	65025994	72677580	155.511	146.711
35)	L7 AR-1260-5	7.173	6.333	127.1E6	184.5E6	152.734	160.667

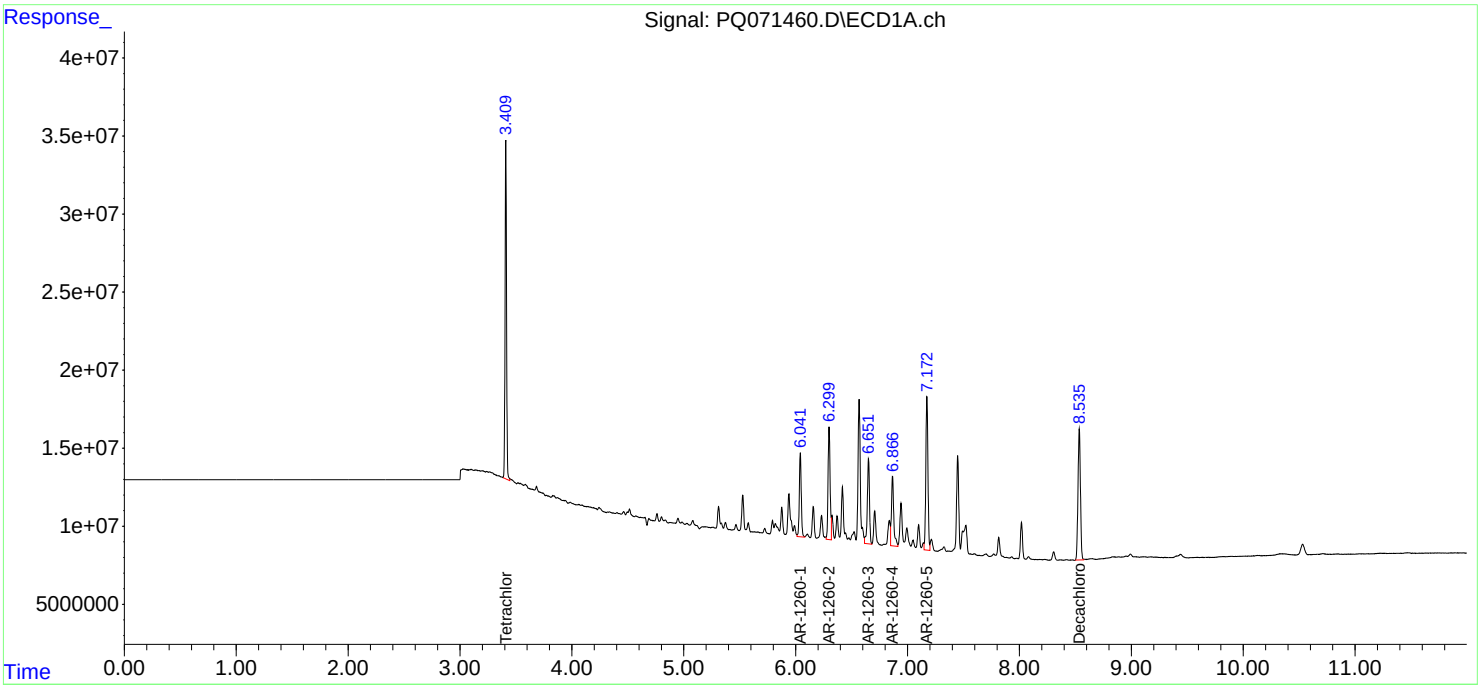
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

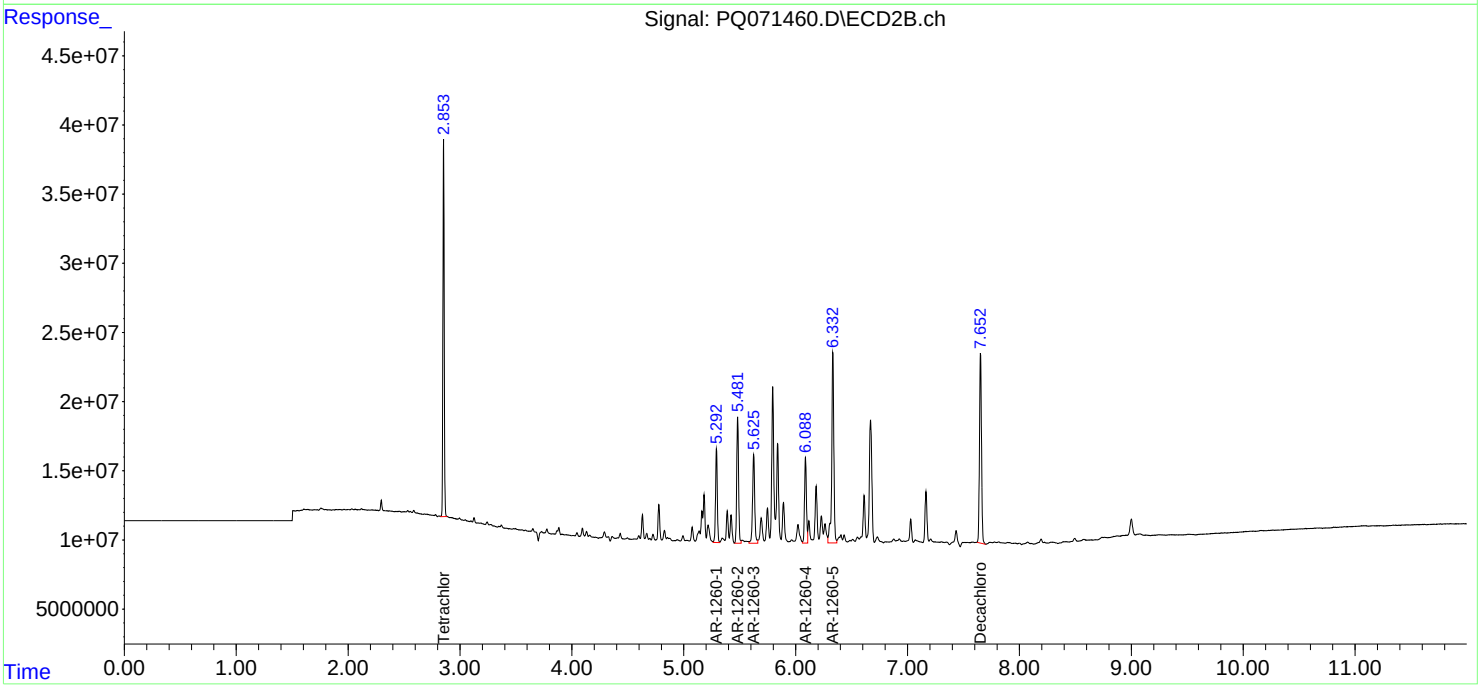
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:42
Operator : YP\AJ
Sample : Q3693-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

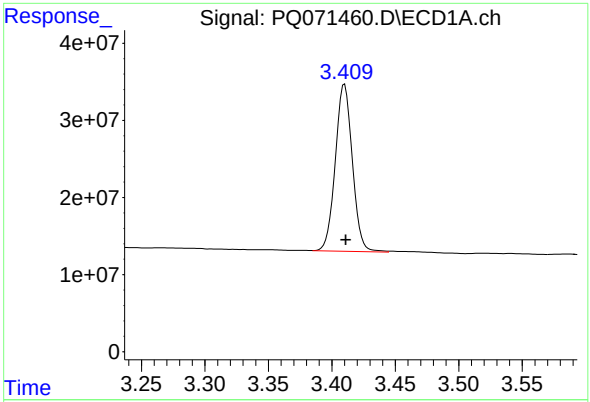
Instrument :
ECD_Q
ClientSampleId :
C0AK8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:59:35 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



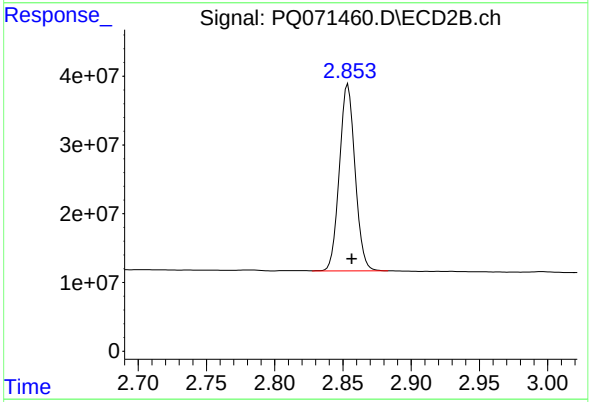




#1 Tetrachloro-m-xylene

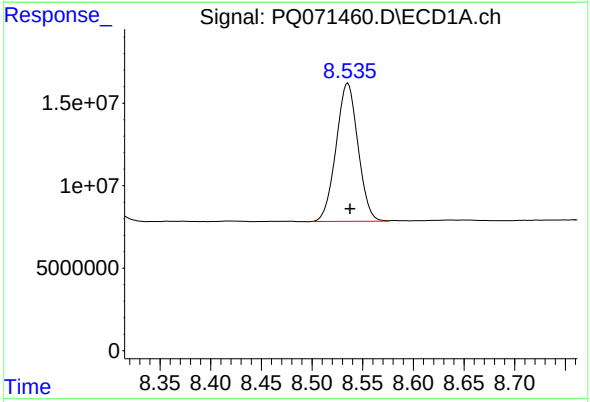
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 202627919
Conc: 23.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK8



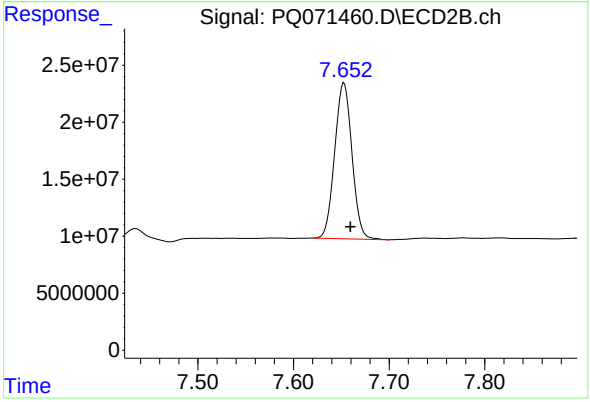
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 216942471
Conc: 23.24 ng/ml



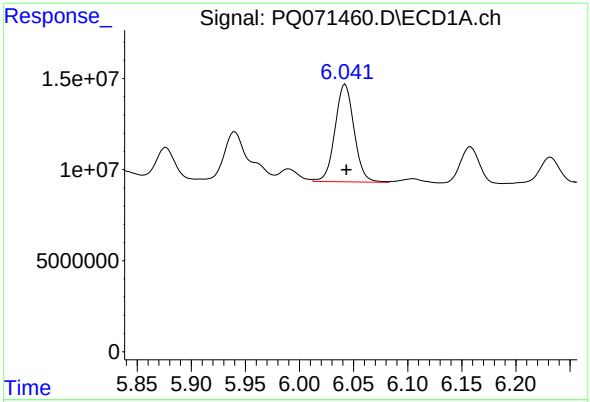
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 125780206
Conc: 20.09 ng/ml



#2 Decachlorobiphenyl

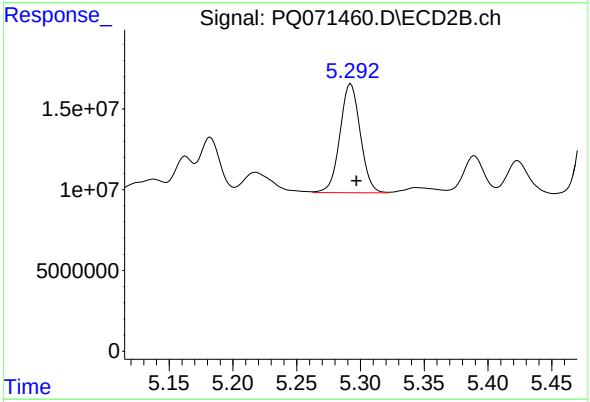
R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 172209532
Conc: 18.85 ng/ml



#31 AR-1260-1

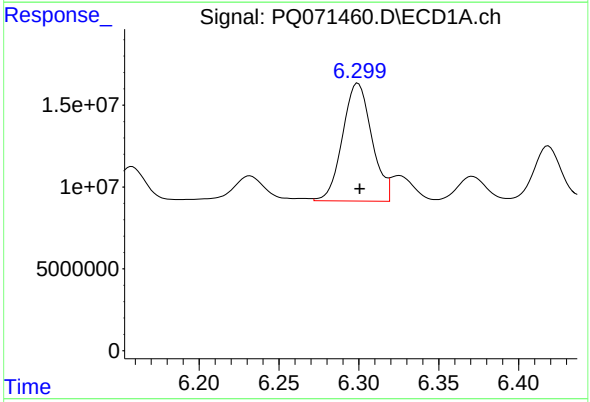
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 65623517
Conc: 146.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK8



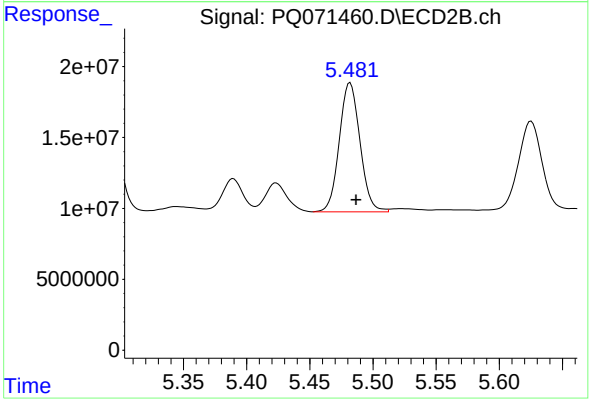
#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 74790106
Conc: 149.90 ng/ml



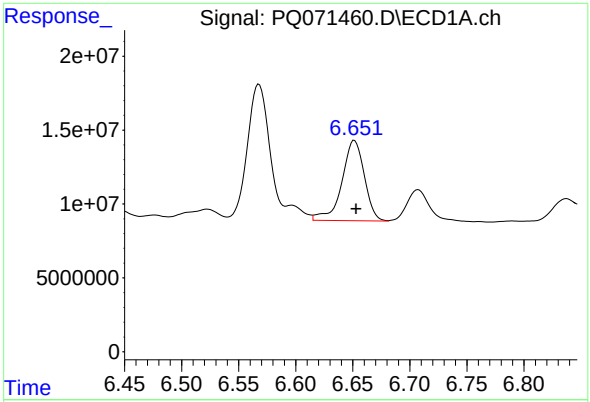
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 91731466
Conc: 179.54 ng/ml



#32 AR-1260-2

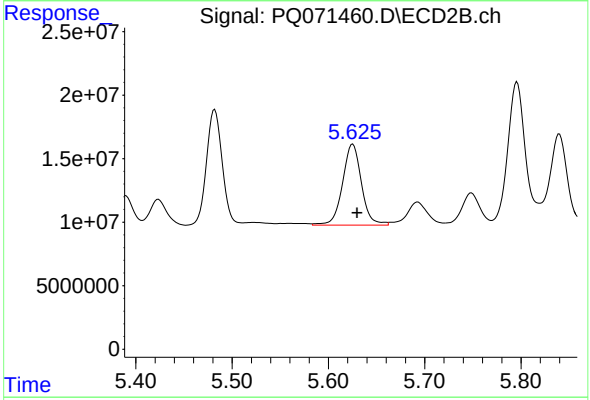
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 103717603
Conc: 171.05 ng/ml



#33 AR-1260-3

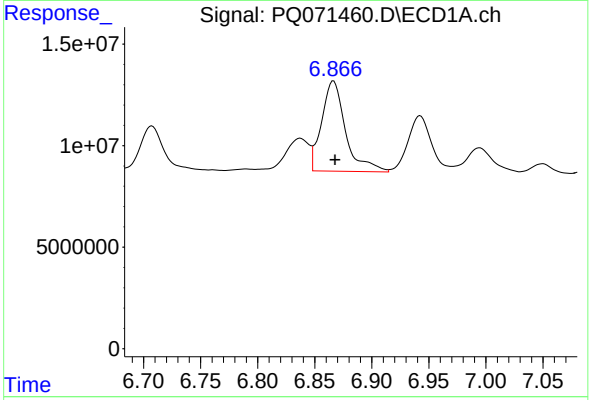
R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 74484522
Conc: 194.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK8



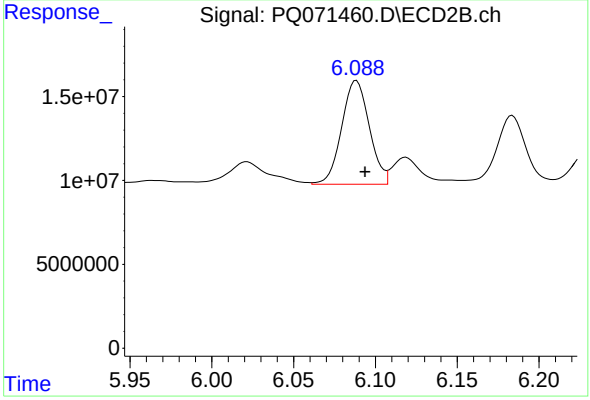
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 86776835
Conc: 146.78 ng/ml



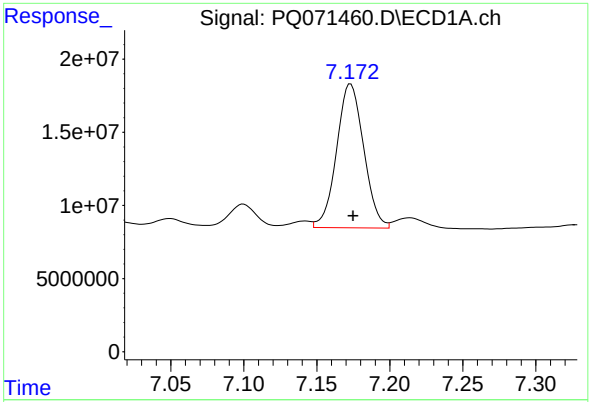
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.001 min
Response: 65025994
Conc: 155.51 ng/ml



#34 AR-1260-4

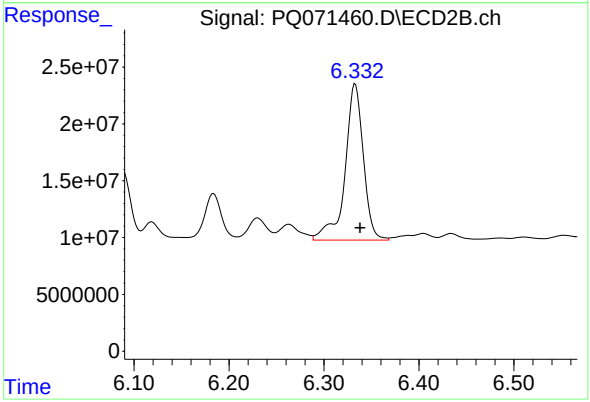
R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 72677580
Conc: 146.71 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 127111418
Conc: 152.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK8



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 184491784
Conc: 160.67 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AK9	SDG No.:	Q3693
Lab Sample ID:	Q3693-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.2
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.4	U	1	4.70	20.4	ug/kg	11/21/25 23:57	PB170682
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/21/25 23:57	PB170682
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/21/25 23:57	PB170682
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/21/25 23:57	PB170682
12672-29-6	Aroclor-1248	179		1	7.10	20.4	ug/kg	11/21/25 23:57	PB170682
11097-69-1	Aroclor-1254	267		1	3.90	20.4	ug/kg	11/21/25 23:57	PB170682
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/21/25 23:57	PB170682
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/21/25 23:57	PB170682
11096-82-5	Aroclor-1260	272		1	3.90	20.4	ug/kg	11/21/25 23:57	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.9			21 - 165	115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.0			10 - 170	100%	SPK: 20		

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:57
Operator : YP\AJ
Sample : Q3693-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK9

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:00:00 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	2.853	199.1E6	213.8E6	22.866	22.897
2)	SA Decachlor...	8.535	7.653	125.3E6	170.8E6	20.014	18.689
	Target Compounds						
21)	L5 AR-1248-1	4.496	3.868	40460379	51351317	212.397	241.226
22)	L5 AR-1248-2	4.760	4.095	122.0E6	141.6E6	501.523	498.590
23)	L5 AR-1248-3	4.949	4.132	137.2E6	130.9E6	466.969	467.400
24)	L5 AR-1248-4	5.311	4.291	196.8E6	159.7E6	748.819	461.111 #
25)	L5 AR-1248-5	5.337	4.669	103.9E6	111.5E6	307.205	319.719
26)	L6 AR-1254-1	5.311	4.631	196.8E6	257.0E6	566.697	479.551
27)	L6 AR-1254-2	5.527	4.778	318.1E6	226.7E6	587.174	494.087
28)	L6 AR-1254-3	5.877	5.162	270.6E6	325.4E6	469.856	428.557
29)	L6 AR-1254-4	6.158	5.389	214.7E6	240.4E6	508.166	481.027
30)	L6 AR-1254-5	6.569	5.796	556.3E6	699.8E6	1210.296	1010.976
31)	L7 AR-1260-1	6.042	5.293	315.1E6	396.8E6	704.044	795.258
32)	L7 AR-1260-2	6.300	5.482	388.1E6	462.3E6	759.679	762.427
33)	L7 AR-1260-3	6.652	5.624	229.4E6	415.6E6	599.281	702.976
34)	L7 AR-1260-4	6.867	6.089	258.2E6	283.0E6	617.527	571.220
35)	L7 AR-1260-5	7.174	6.333	480.7E6	653.1E6	577.575	568.766

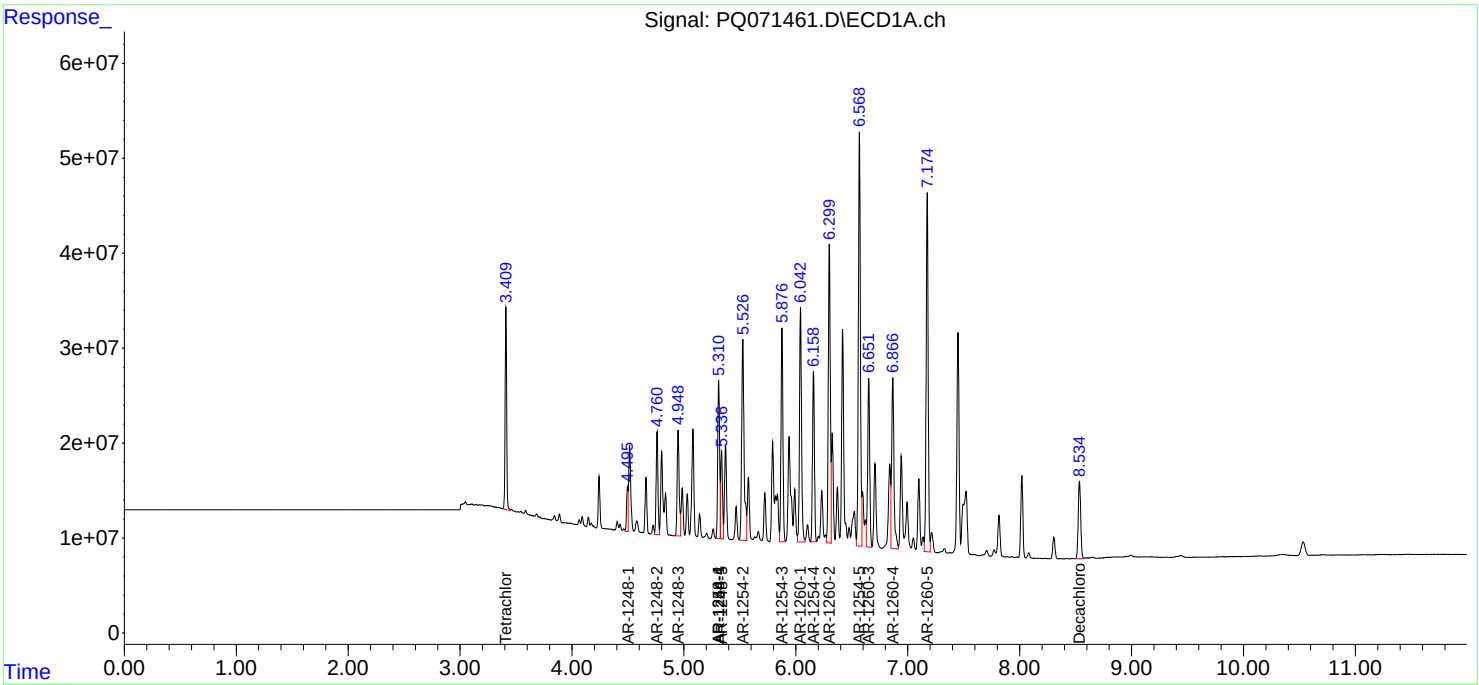
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

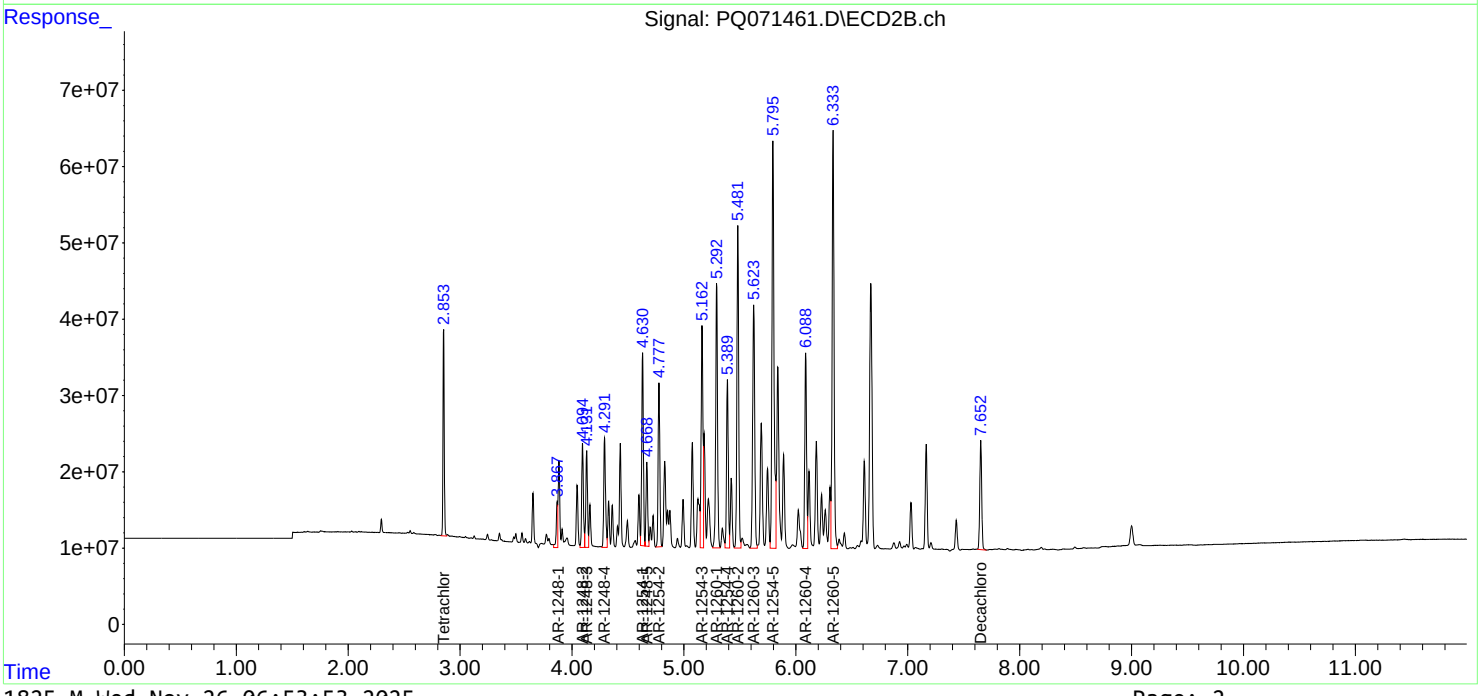
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 23:57
Operator : YP\AJ
Sample : Q3693-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

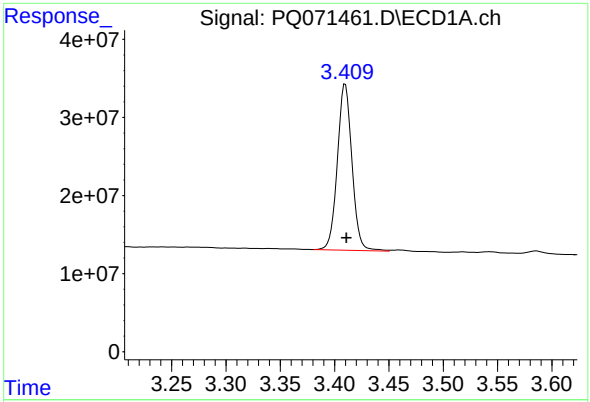
Instrument :
ECD_Q
ClientSampleId :
C0AK9

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:00:00 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



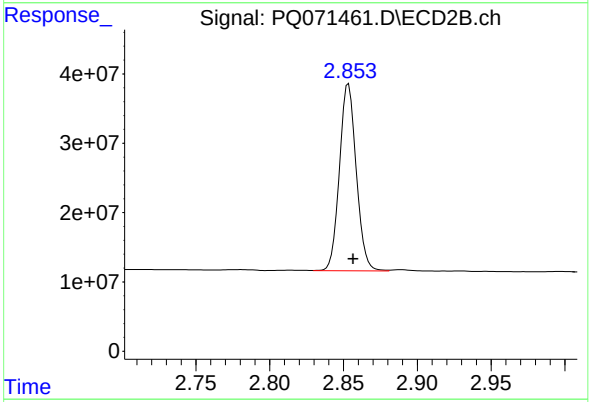




#1 Tetrachloro-m-xylene

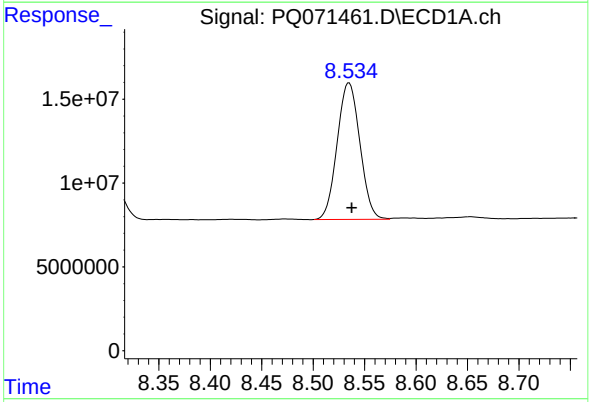
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 199053910
Conc: 22.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK9



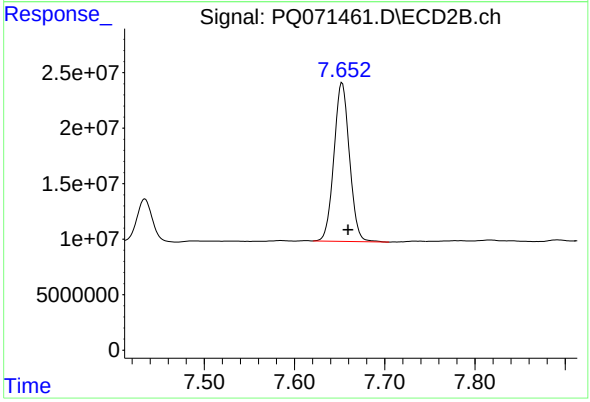
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 213784051
Conc: 22.90 ng/ml



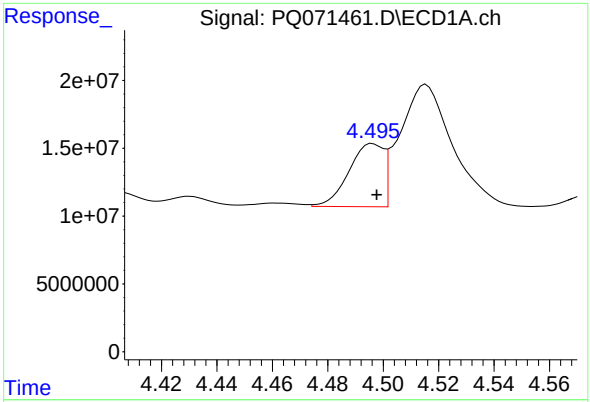
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 125316629
Conc: 20.01 ng/ml



#2 Decachlorobiphenyl

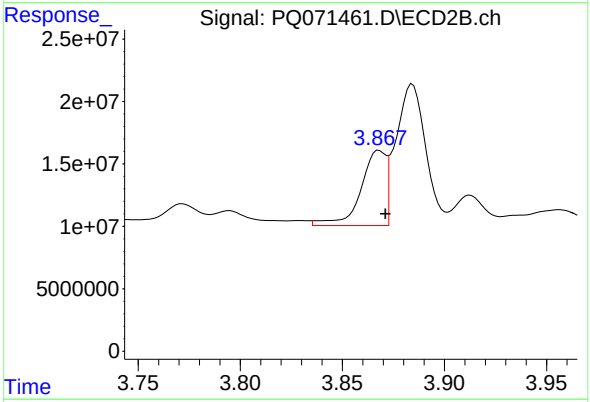
R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 170770564
Conc: 18.69 ng/ml



#21 AR-1248-1

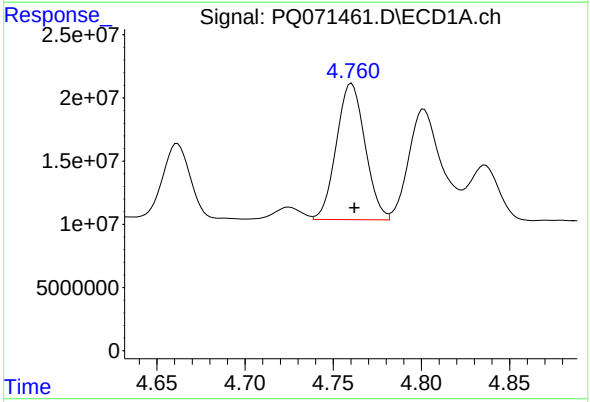
R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 40460379
Conc: 212.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK9



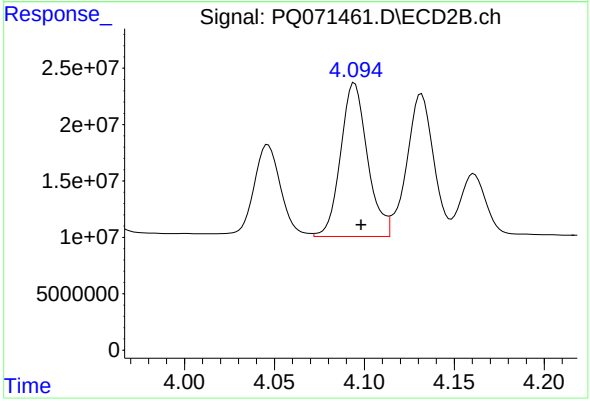
#21 AR-1248-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 51351317
Conc: 241.23 ng/ml



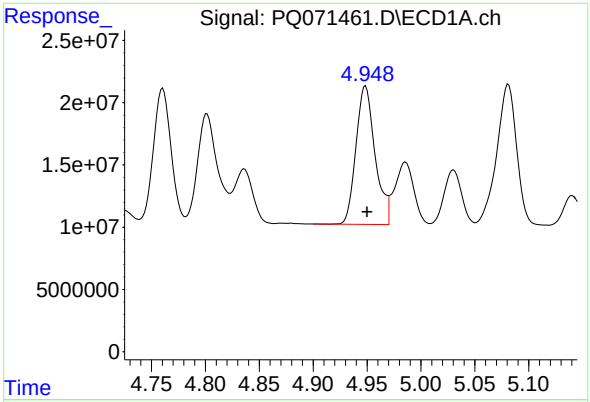
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 122014180
Conc: 501.52 ng/ml



#22 AR-1248-2

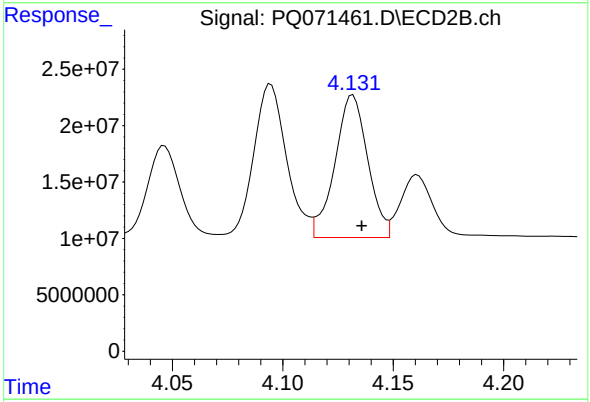
R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 141608117
Conc: 498.59 ng/ml



#23 AR-1248-3

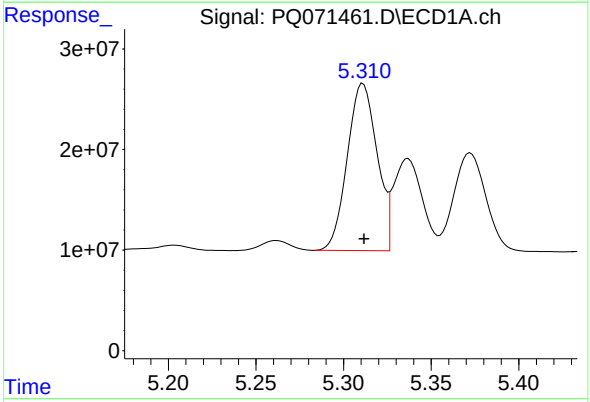
R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 137207668
Conc: 466.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK9



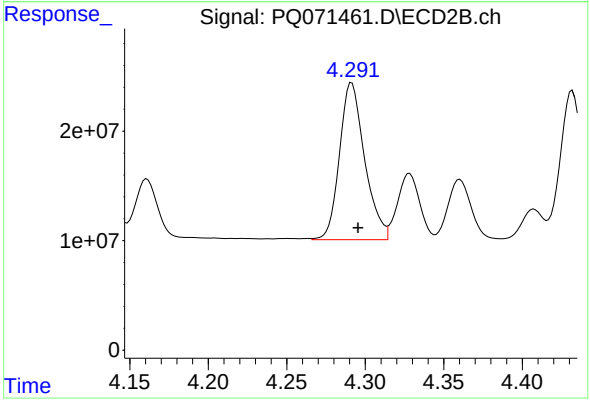
#23 AR-1248-3

R.T.: 4.132 min
Delta R.T.: -0.004 min
Response: 130924752
Conc: 467.40 ng/ml



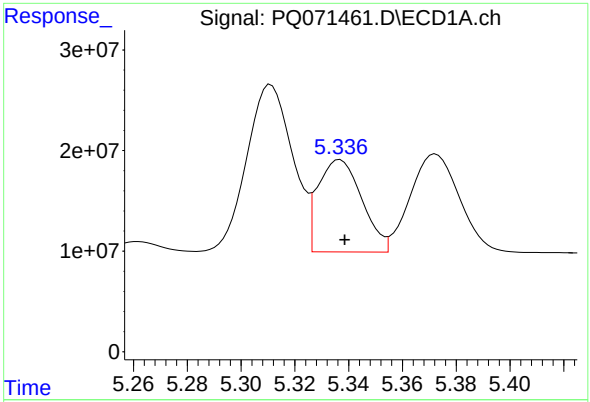
#24 AR-1248-4

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 196848075
Conc: 748.82 ng/ml



#24 AR-1248-4

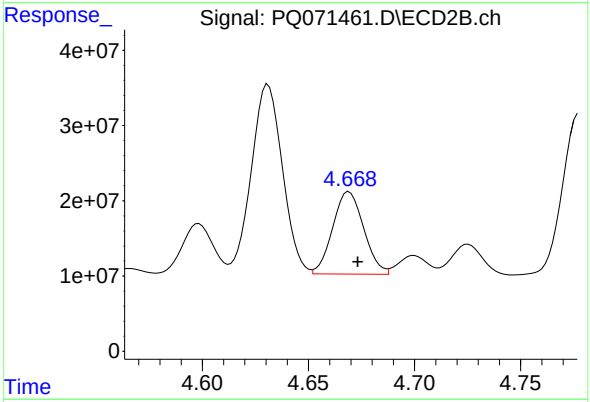
R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 159721364
Conc: 461.11 ng/ml



#25 AR-1248-5

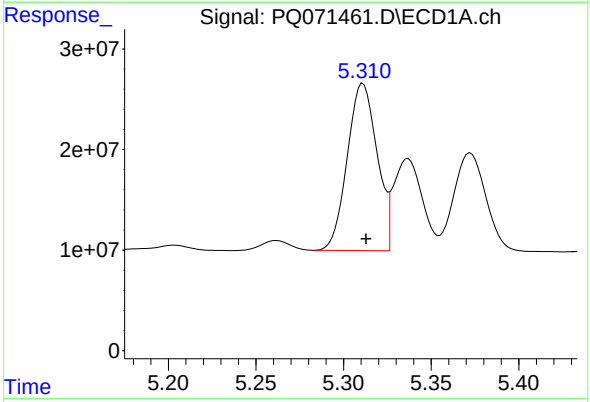
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 103941752
Conc: 307.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK9



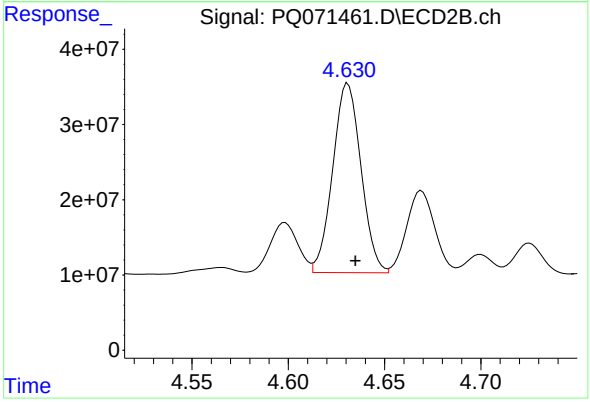
#25 AR-1248-5

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 111466092
Conc: 319.72 ng/ml



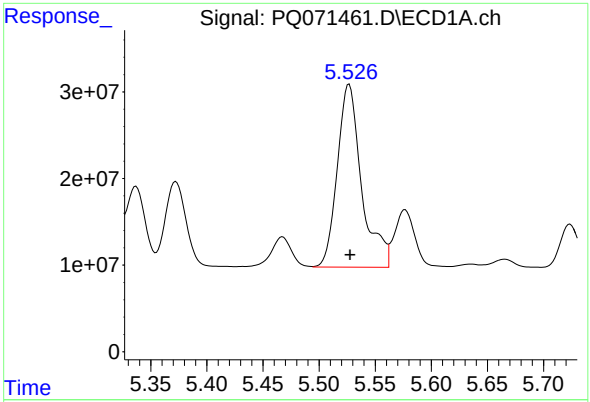
#26 AR-1254-1

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 196848075
Conc: 566.70 ng/ml



#26 AR-1254-1

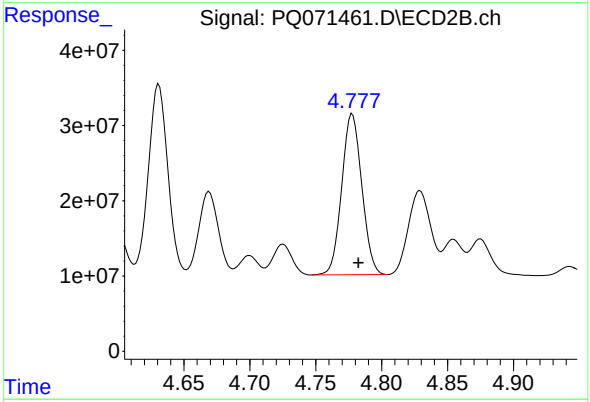
R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 256976340
Conc: 479.55 ng/ml



#27 AR-1254-2

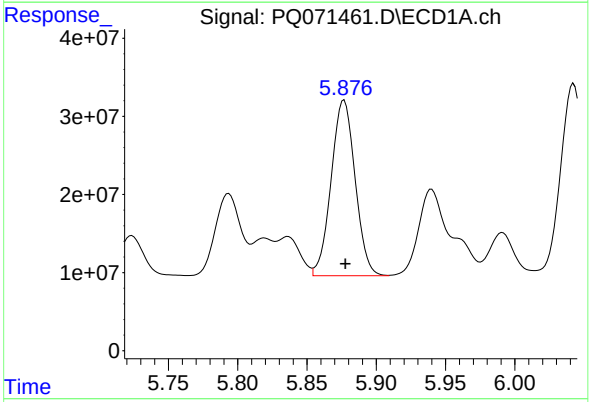
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 318144426
Conc: 587.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK9



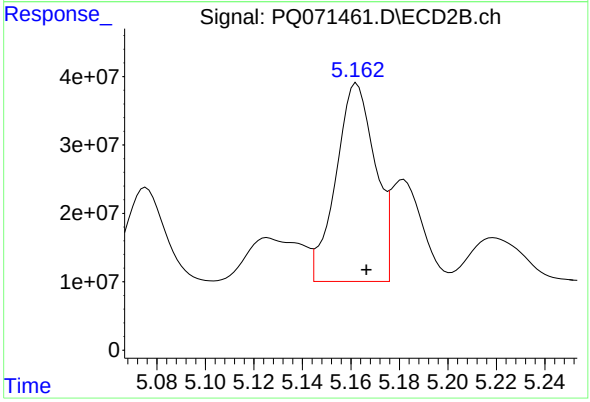
#27 AR-1254-2

R.T.: 4.778 min
Delta R.T.: -0.005 min
Response: 226677727
Conc: 494.09 ng/ml



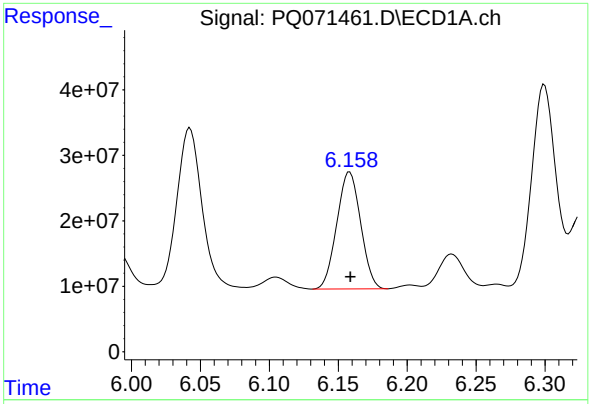
#28 AR-1254-3

R.T.: 5.877 min
Delta R.T.: -0.001 min
Response: 270556991
Conc: 469.86 ng/ml



#28 AR-1254-3

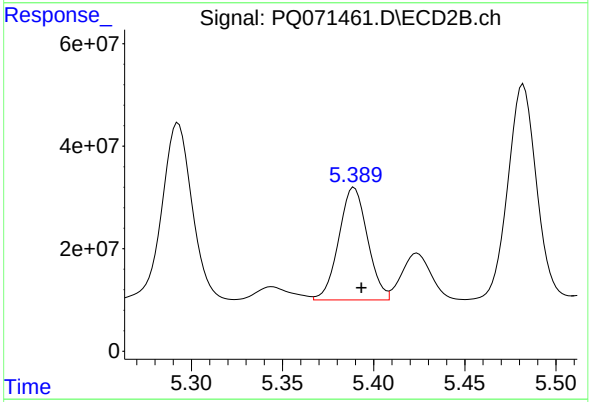
R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 325402800
Conc: 428.56 ng/ml



#29 AR-1254-4

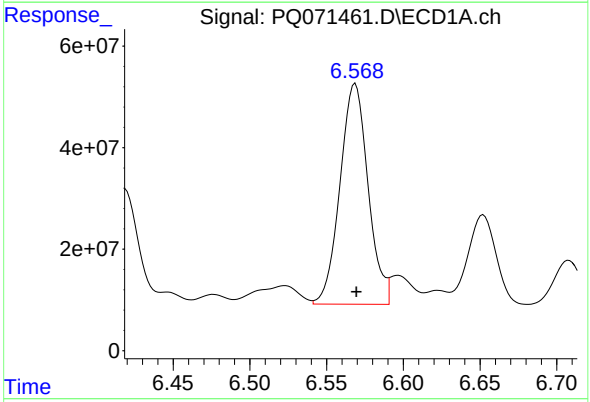
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 214695169
Conc: 508.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK9



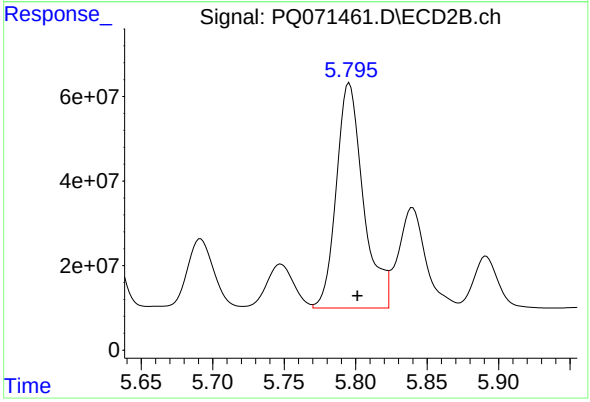
#29 AR-1254-4

R.T.: 5.389 min
Delta R.T.: -0.004 min
Response: 240425609
Conc: 481.03 ng/ml



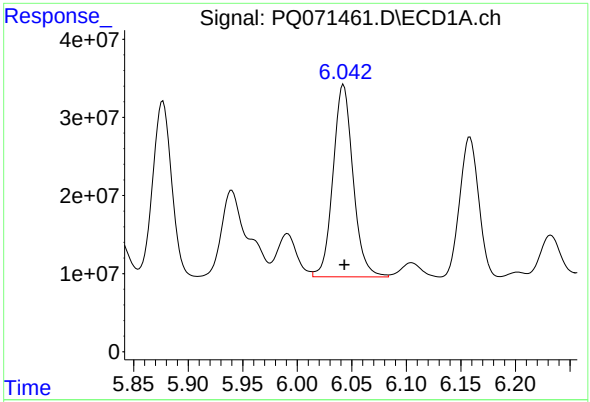
#30 AR-1254-5

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 556291148
Conc: 1210.30 ng/ml



#30 AR-1254-5

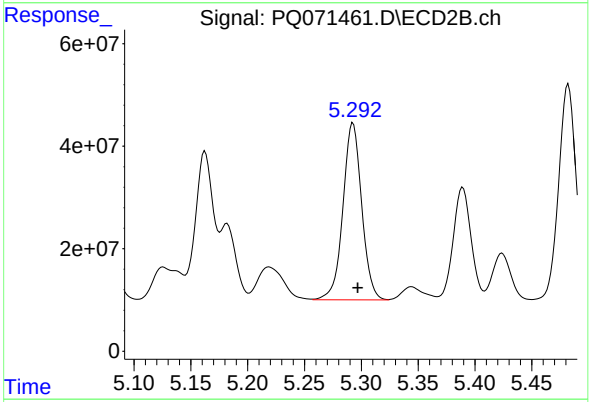
R.T.: 5.796 min
Delta R.T.: -0.006 min
Response: 699828261
Conc: 1010.98 ng/ml



#31 AR-1260-1

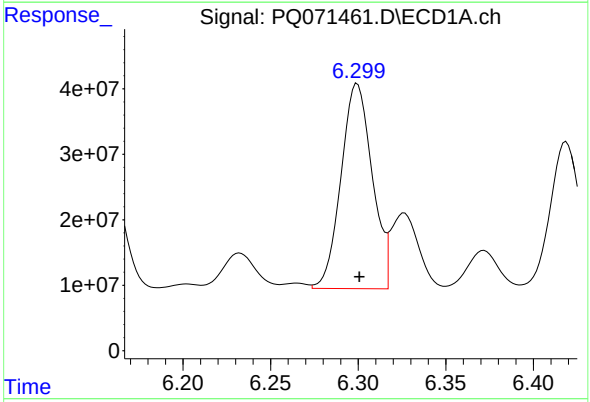
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 315057477
Conc: 704.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK9



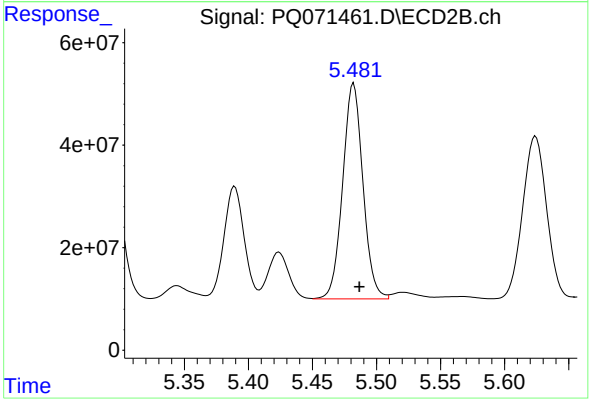
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 396775630
Conc: 795.26 ng/ml



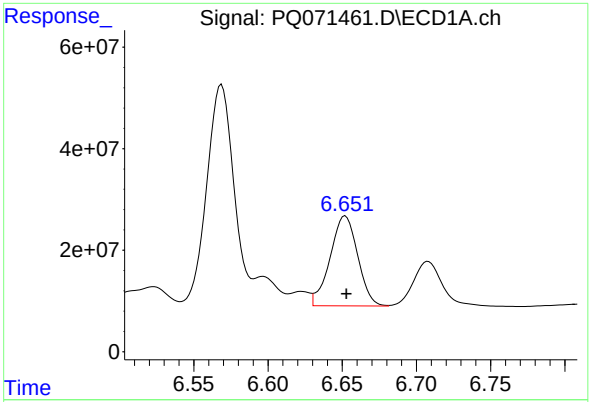
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 388130627
Conc: 759.68 ng/ml



#32 AR-1260-2

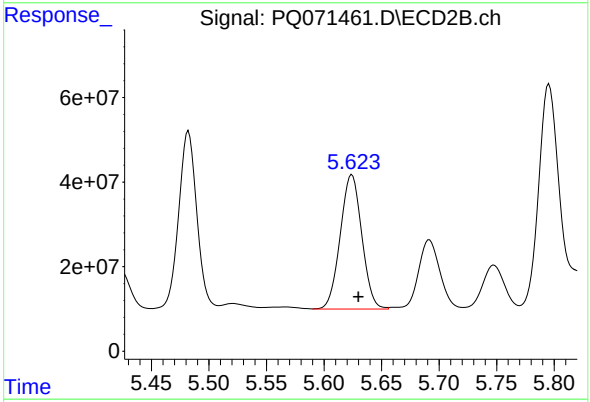
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 462317039
Conc: 762.43 ng/ml



#33 AR-1260-3

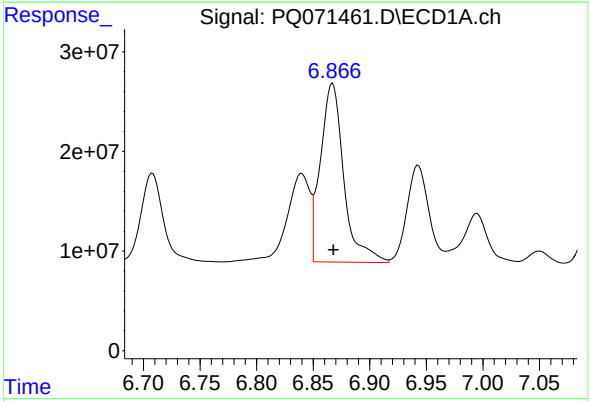
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 229365020
Conc: 599.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK9



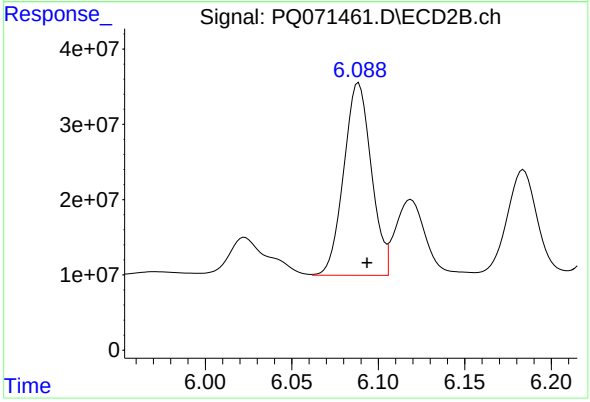
#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 415588203
Conc: 702.98 ng/ml



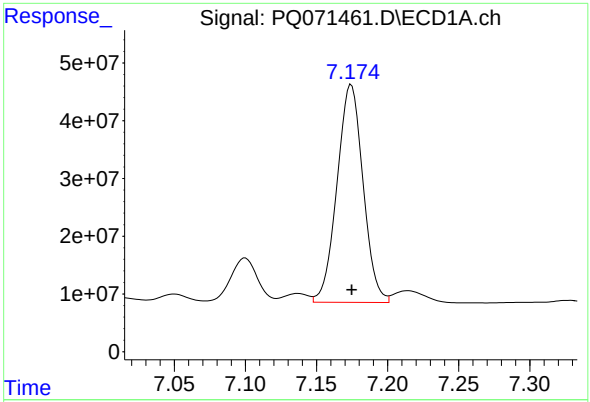
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 258215592
Conc: 617.53 ng/ml



#34 AR-1260-4

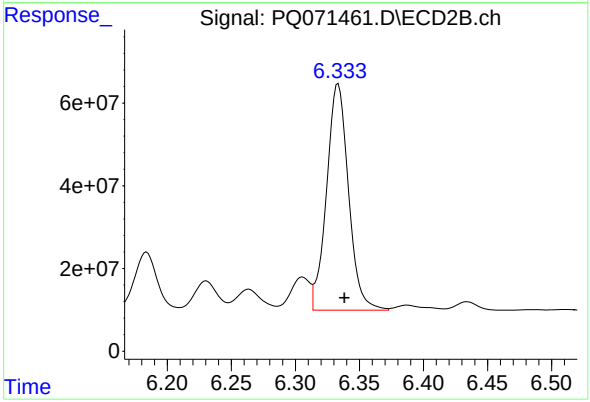
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 282970417
Conc: 571.22 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 480680073
Conc: 577.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK9



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 653105455
Conc: 568.77 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AL0	SDG No.:	Q3693
Lab Sample ID:	Q3693-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.3
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.3	U	1	4.70	20.3	ug/kg	11/22/25 00:11	PB170682
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/22/25 00:11	PB170682
11141-16-5	Aroclor-1232	20.3	U	1	4.50	20.3	ug/kg	11/22/25 00:11	PB170682
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/22/25 00:11	PB170682
12672-29-6	Aroclor-1248	235		1	7.10	20.3	ug/kg	11/22/25 00:11	PB170682
11097-69-1	Aroclor-1254	196		1	3.80	20.3	ug/kg	11/22/25 00:11	PB170682
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/22/25 00:11	PB170682
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/22/25 00:11	PB170682
11096-82-5	Aroclor-1260	177		1	3.90	20.3	ug/kg	11/22/25 00:11	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.3			21 - 165	97%	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_Q\Data\PQ112125\
Data File : PQ071462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:11
Operator : YP\AJ
Sample : Q3693-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AL0

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:00:26 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	168.1E6	177.0E6	19.305	18.961
2)	SA Decachlor...	8.535	7.652	88808743	120.2E6	14.183	13.155
	Target Compounds						
21)	L5 AR-1248-1	4.496	3.868	115.3E6	129.1E6	605.021	606.654
22)	L5 AR-1248-2	4.760	4.094	156.0E6	182.0E6	641.261	640.763
23)	L5 AR-1248-3	4.948	4.131	190.3E6	189.9E6	647.787	677.903
24)	L5 AR-1248-4	5.311	4.292	186.3E6	223.4E6	708.778	644.810
25)	L5 AR-1248-5	5.337	4.669	115.9E6	129.4E6	342.556	371.277
26)	L6 AR-1254-1	5.311	4.630	186.3E6	245.8E6	536.395	458.691
27)	L6 AR-1254-2	5.526	4.778	234.5E6	165.4E6	432.738	360.566
28)	L6 AR-1254-3	5.877	5.162	206.0E6	252.7E6	357.743	332.782
29)	L6 AR-1254-4	6.158	5.389	151.3E6	170.0E6	358.051	340.076
30)	L6 AR-1254-5	6.568	5.796	352.0E6	451.5E6	765.899	652.192
31)	L7 AR-1260-1	6.042	5.293	204.1E6	263.0E6	456.119	527.123
32)	L7 AR-1260-2	6.299	5.482	248.4E6	294.8E6	486.256	486.208
33)	L7 AR-1260-3	6.651	5.624	147.7E6	271.3E6	385.904	458.882
34)	L7 AR-1260-4	6.867	6.088	167.5E6	183.7E6	400.492	370.866
35)	L7 AR-1260-5	7.174	6.333	320.4E6	437.4E6	385.014	380.952

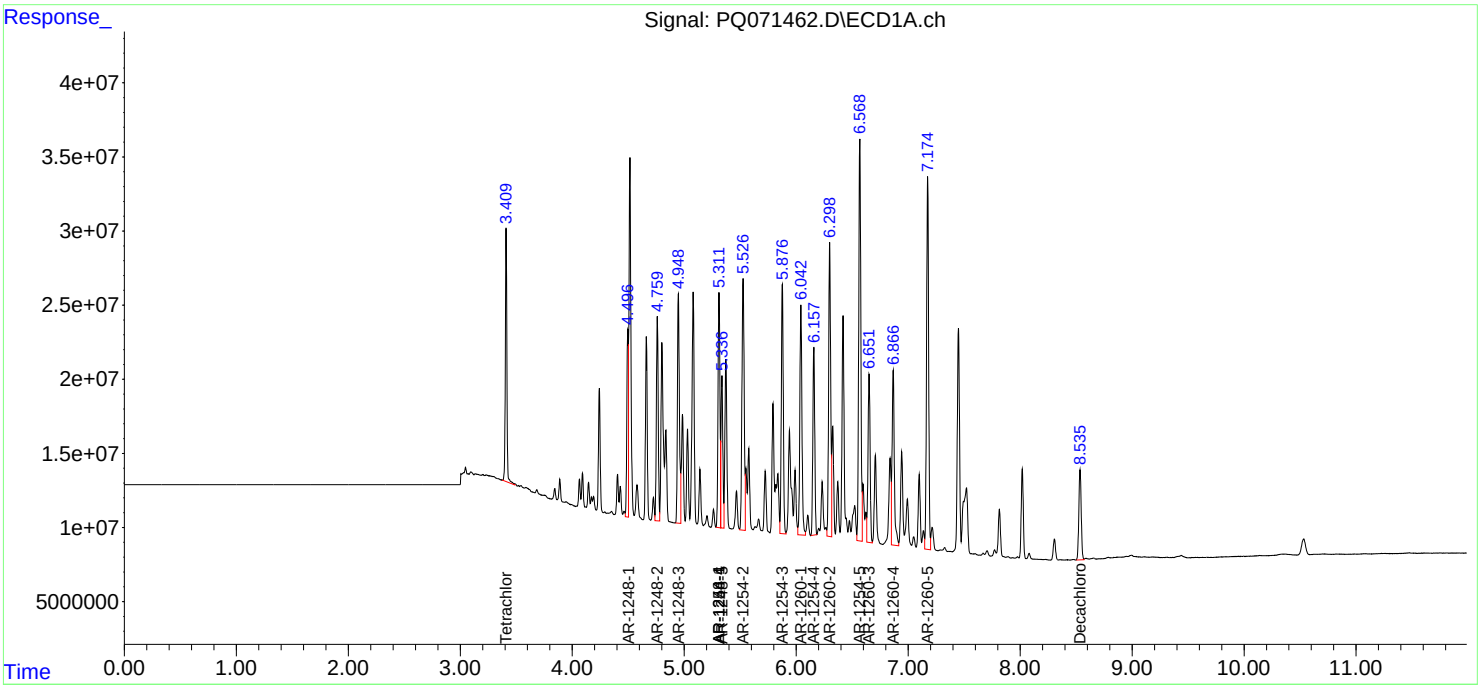
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

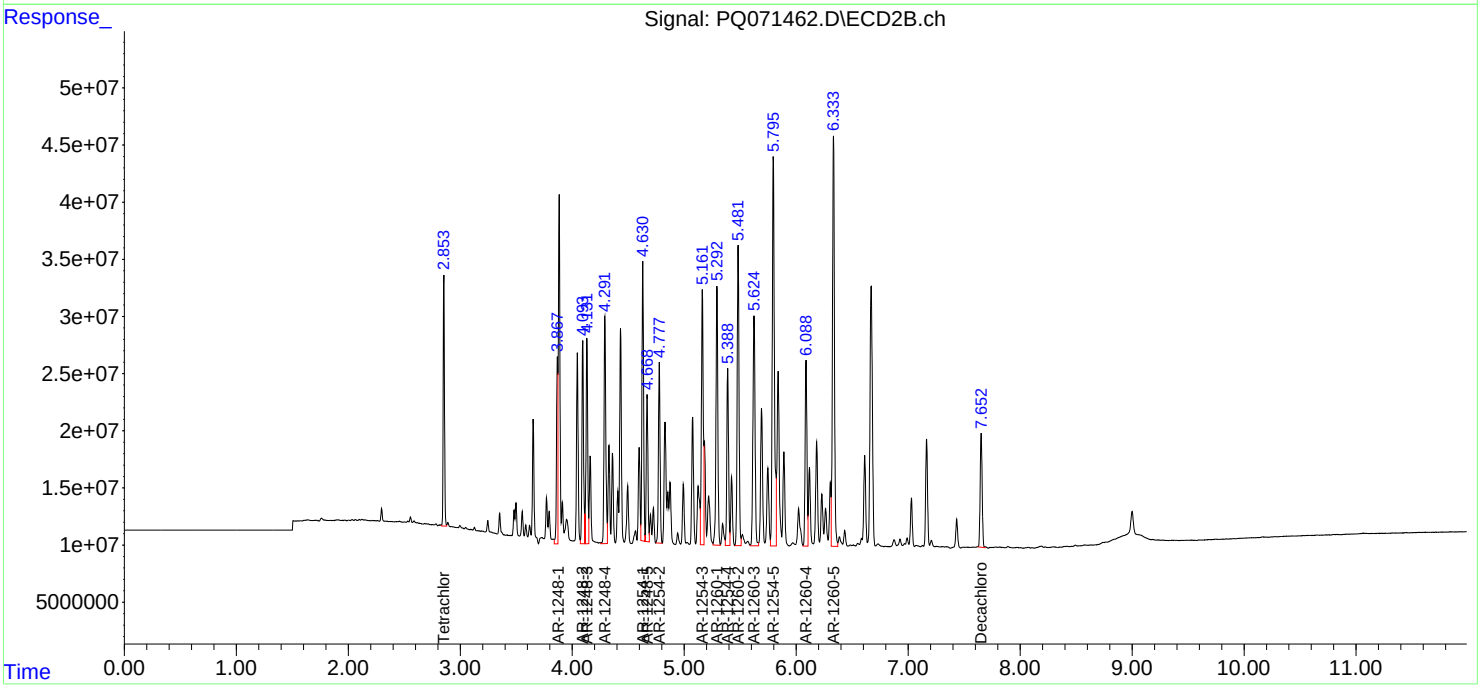
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:11
Operator : YP\AJ
Sample : Q3693-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

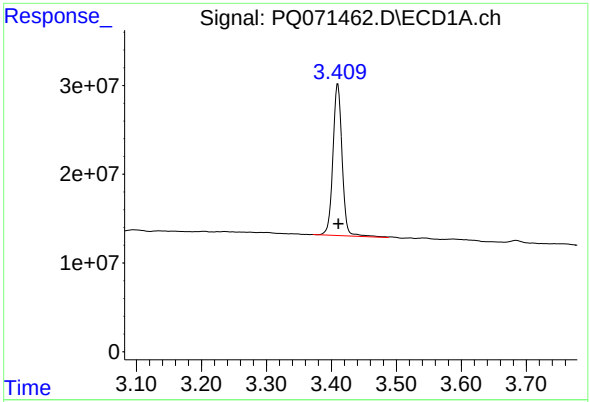
Instrument :
ECD_Q
ClientSampleId :
C0AL0

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:00:26 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



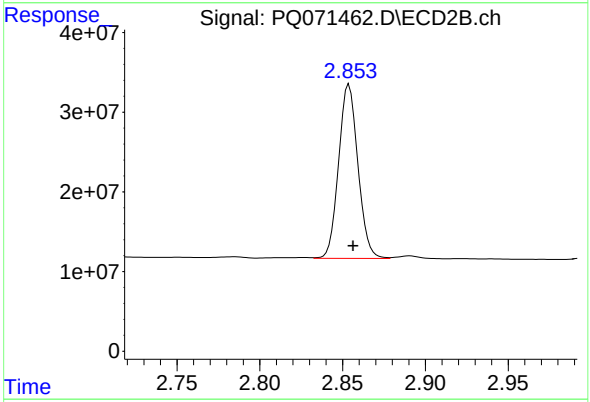




#1 Tetrachloro-m-xylene

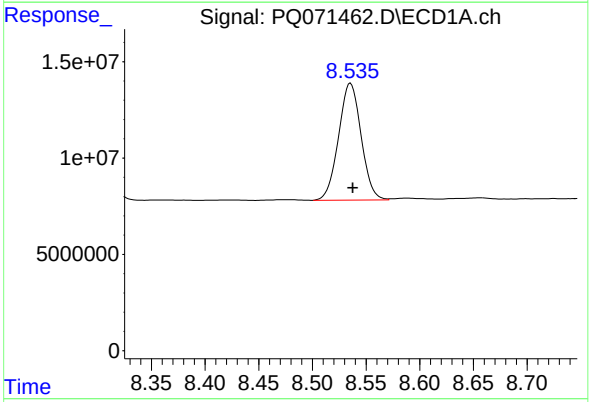
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 168052567
Conc: 19.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL0



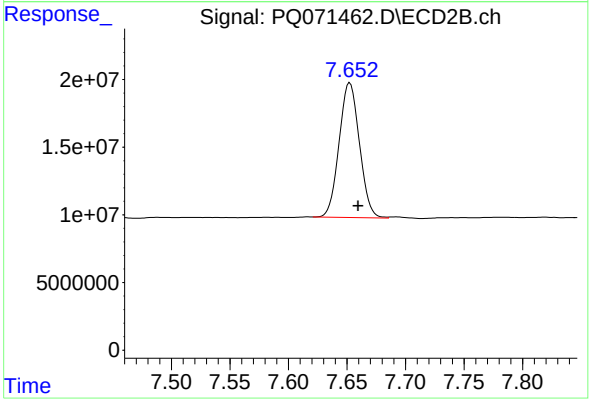
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 177028630
Conc: 18.96 ng/ml



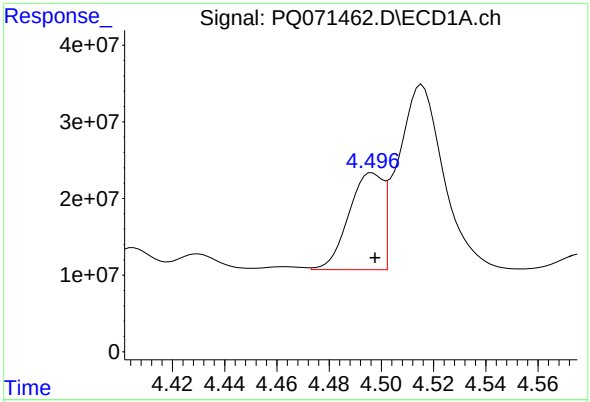
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 88808743
Conc: 14.18 ng/ml



#2 Decachlorobiphenyl

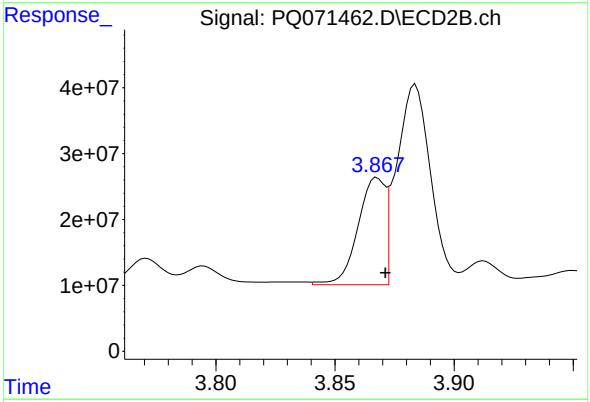
R.T.: 7.652 min
Delta R.T.: -0.007 min
Response: 120207382
Conc: 13.16 ng/ml



#21 AR-1248-1

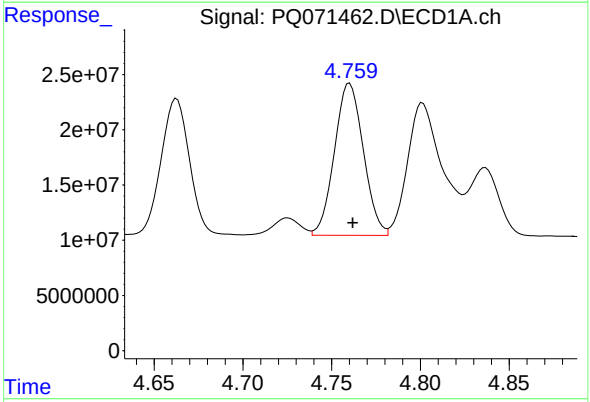
R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 115253000
Conc: 605.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL0



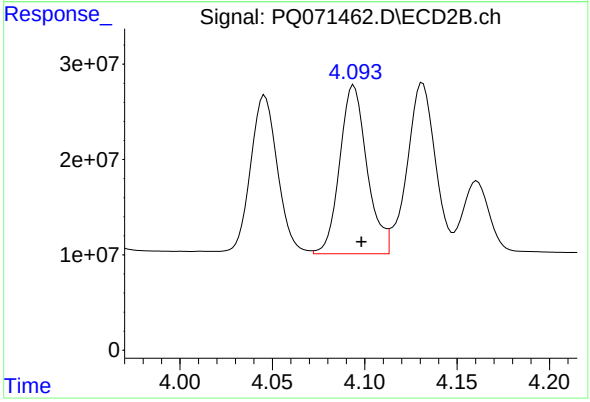
#21 AR-1248-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 129142164
Conc: 606.65 ng/ml



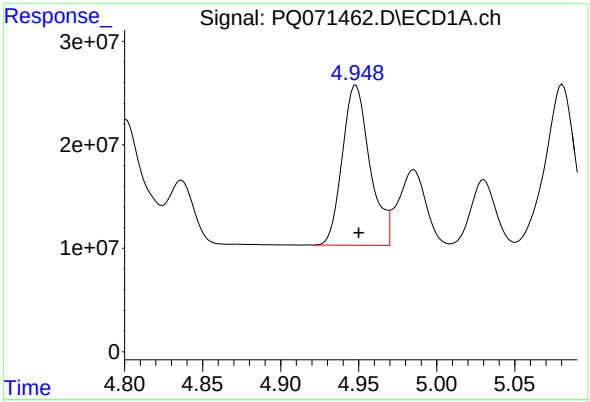
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 156010584
Conc: 641.26 ng/ml



#22 AR-1248-2

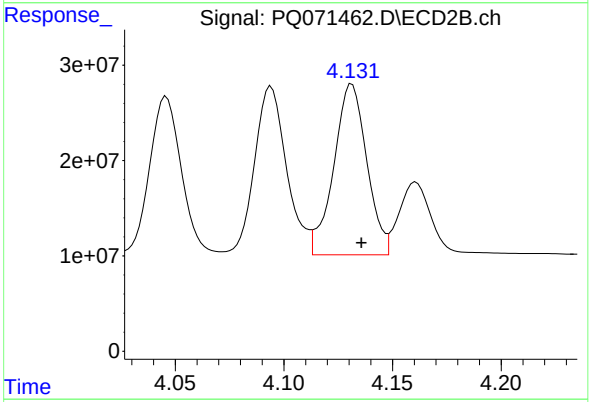
R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 181987789
Conc: 640.76 ng/ml



#23 AR-1248-3

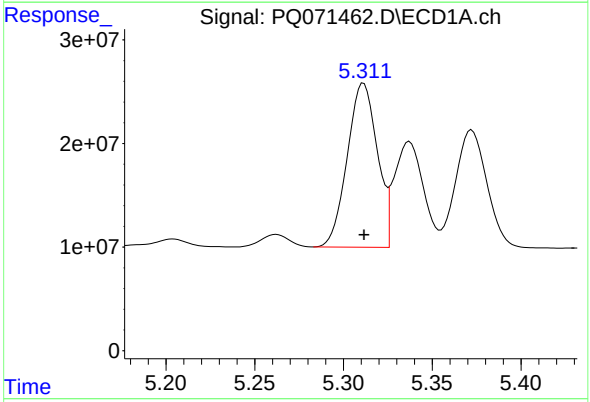
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 190336403
Conc: 647.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL0



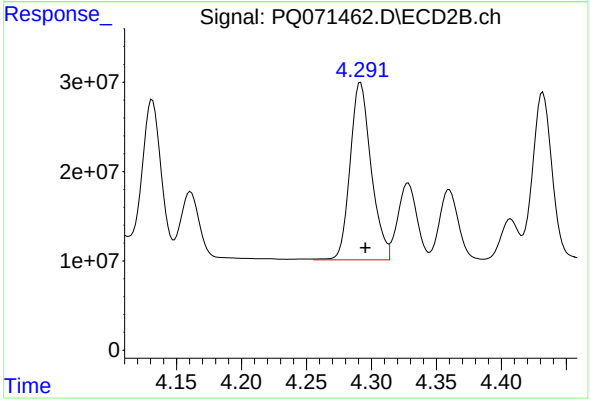
#23 AR-1248-3

R.T.: 4.131 min
Delta R.T.: -0.004 min
Response: 189889274
Conc: 677.90 ng/ml



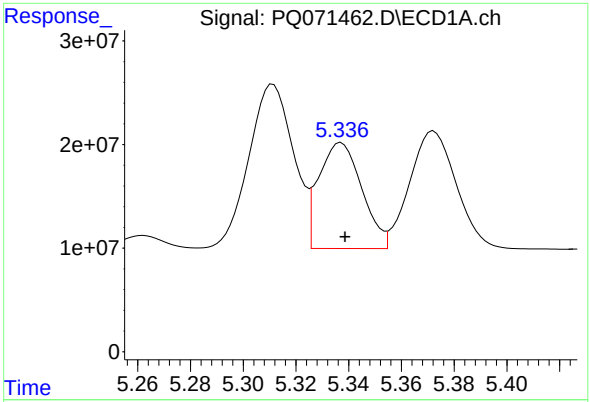
#24 AR-1248-4

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 186322200
Conc: 708.78 ng/ml



#24 AR-1248-4

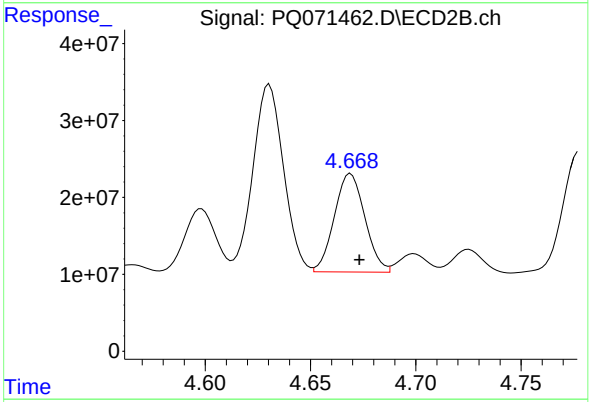
R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 223351820
Conc: 644.81 ng/ml



#25 AR-1248-5

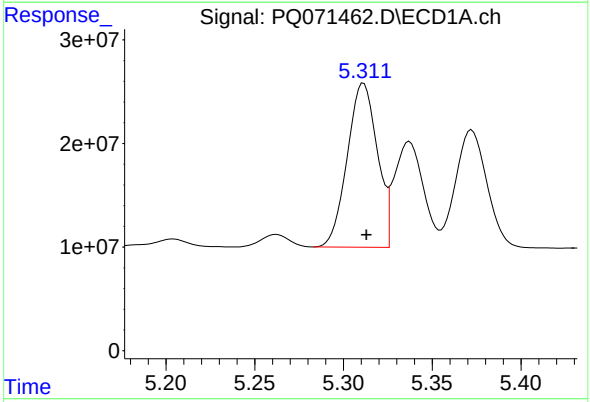
R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 115902387
Conc: 342.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL0



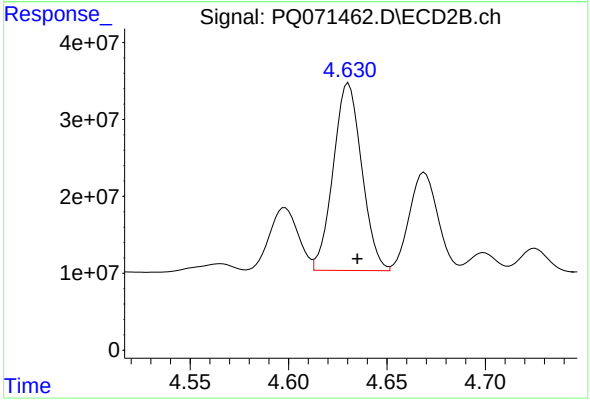
#25 AR-1248-5

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 129441395
Conc: 371.28 ng/ml



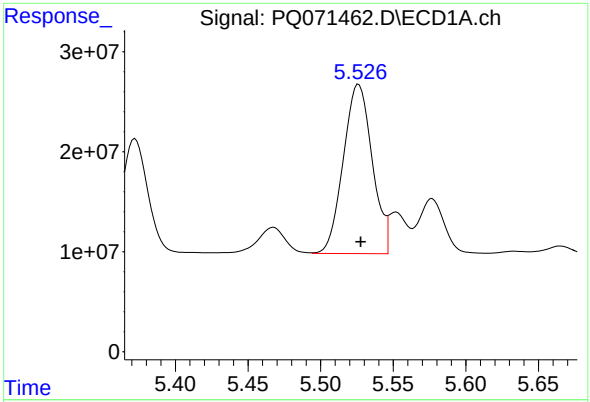
#26 AR-1254-1

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 186322200
Conc: 536.39 ng/ml



#26 AR-1254-1

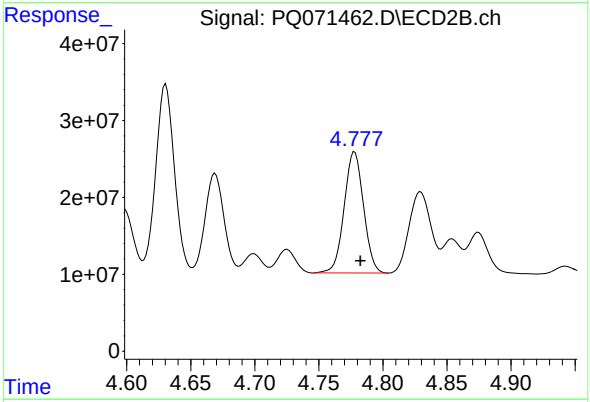
R.T.: 4.630 min
Delta R.T.: -0.005 min
Response: 245798147
Conc: 458.69 ng/ml



#27 AR-1254-2

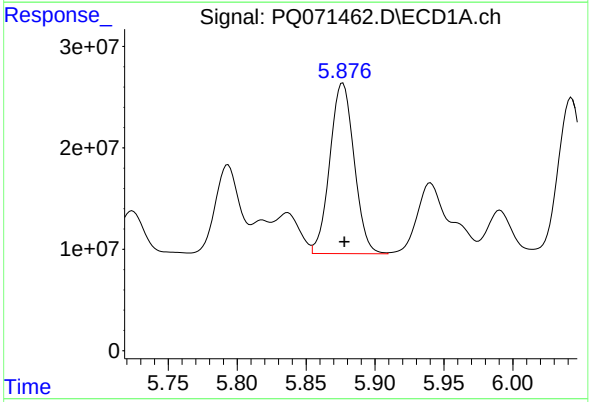
R.T.: 5.526 min
Delta R.T.: -0.001 min
Response: 234467518
Conc: 432.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL0



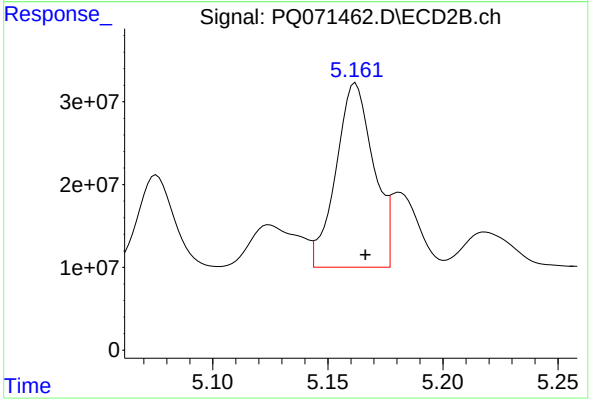
#27 AR-1254-2

R.T.: 4.778 min
Delta R.T.: -0.004 min
Response: 165420989
Conc: 360.57 ng/ml



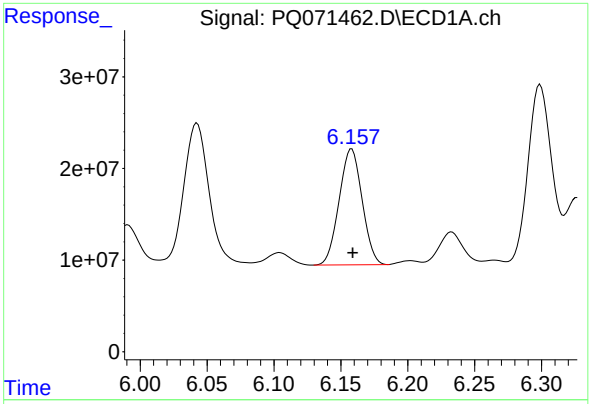
#28 AR-1254-3

R.T.: 5.877 min
Delta R.T.: -0.001 min
Response: 205999051
Conc: 357.74 ng/ml



#28 AR-1254-3

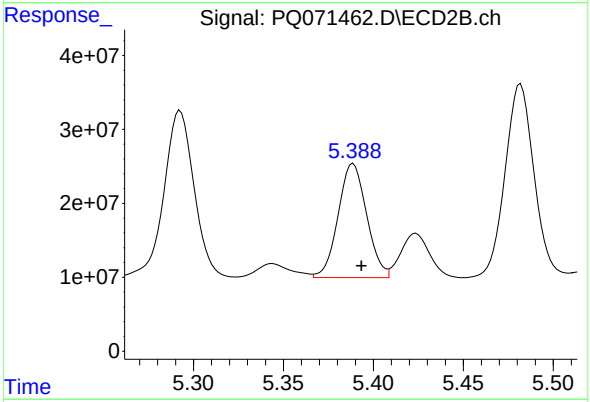
R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 252681185
Conc: 332.78 ng/ml



#29 AR-1254-4

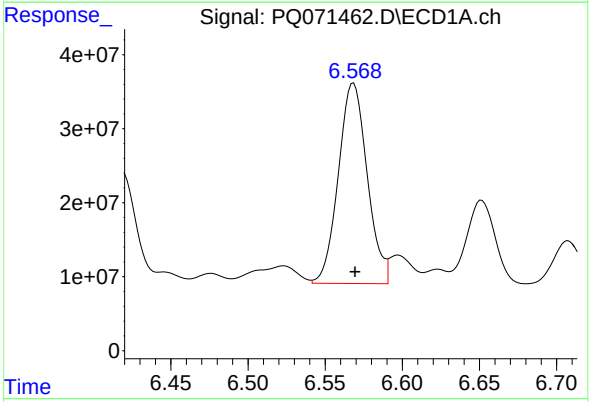
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 151273185
Conc: 358.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL0



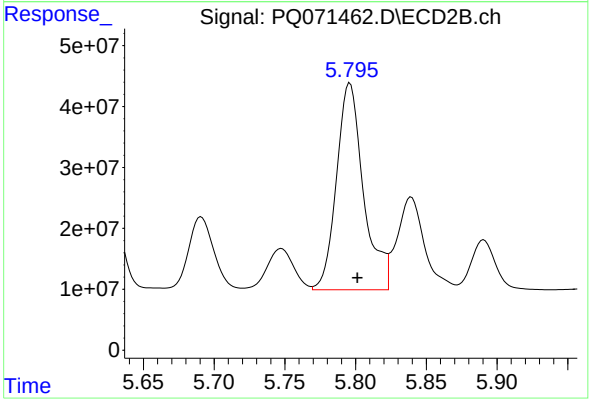
#29 AR-1254-4

R.T.: 5.389 min
Delta R.T.: -0.004 min
Response: 169975760
Conc: 340.08 ng/ml



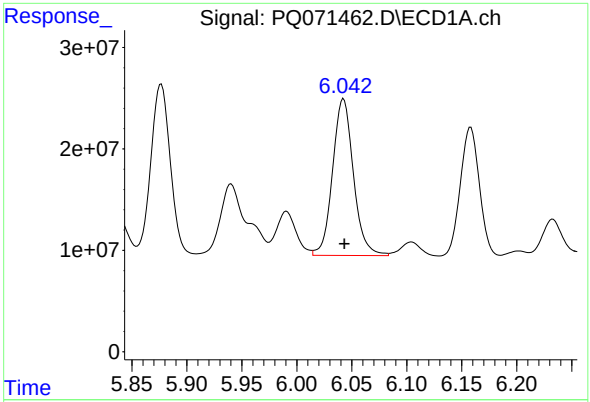
#30 AR-1254-5

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 352031915
Conc: 765.90 ng/ml



#30 AR-1254-5

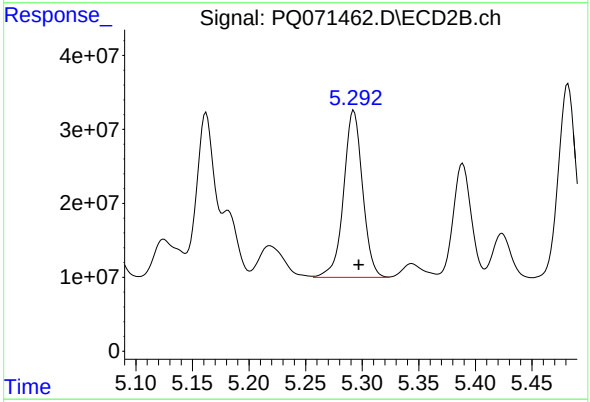
R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 451467161
Conc: 652.19 ng/ml



#31 AR-1260-1

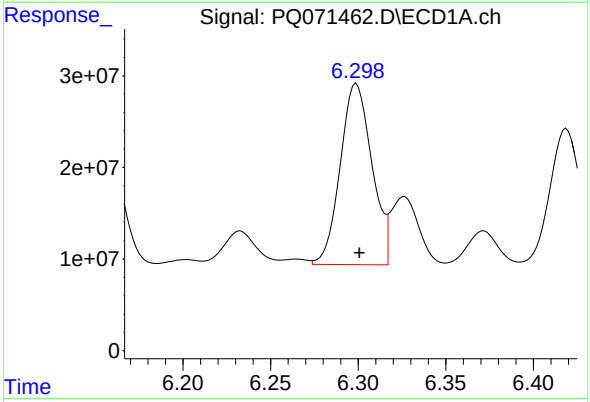
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 204112030
Conc: 456.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL0



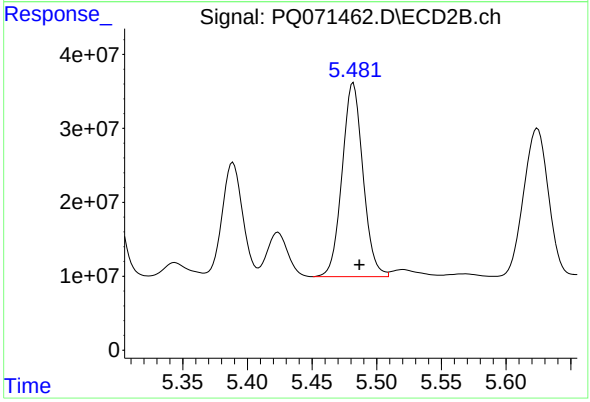
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 262995582
Conc: 527.12 ng/ml



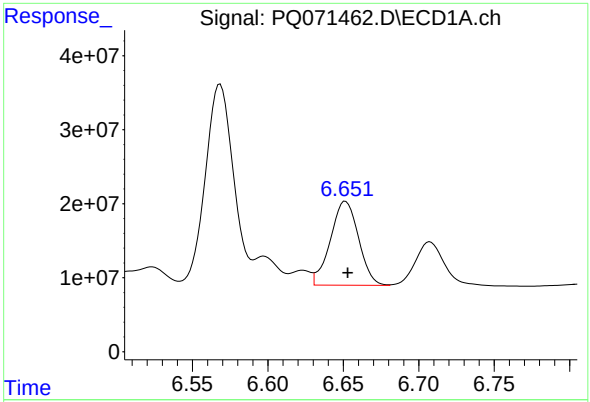
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 248435150
Conc: 486.26 ng/ml



#32 AR-1260-2

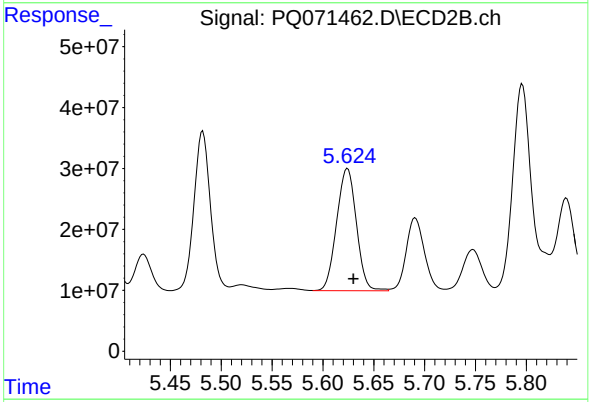
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 294824865
Conc: 486.21 ng/ml



#33 AR-1260-3

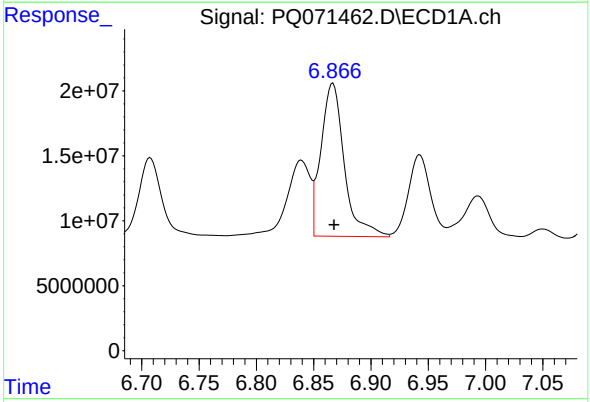
R.T.: 6.651 min
Delta R.T.: -0.001 min
Response: 147698499
Conc: 385.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL0



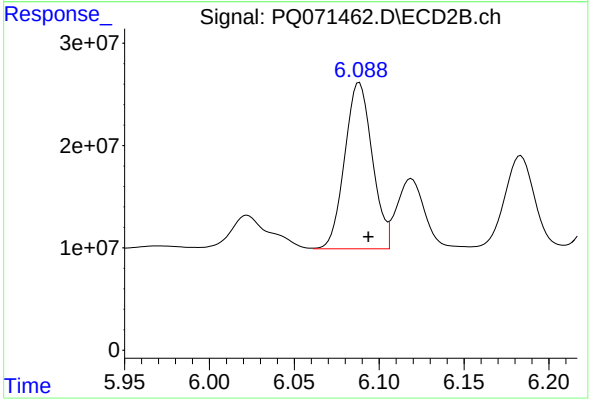
#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 271283496
Conc: 458.88 ng/ml



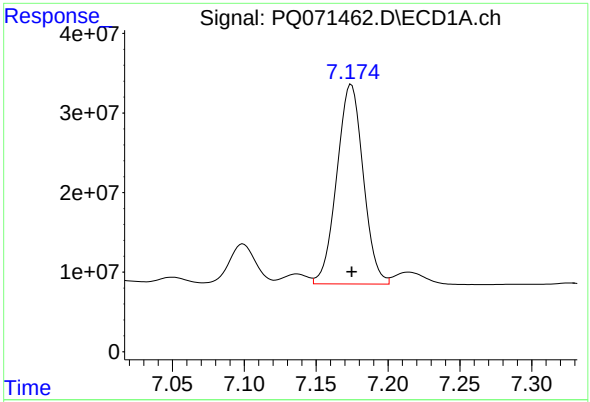
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 167463546
Conc: 400.49 ng/ml



#34 AR-1260-4

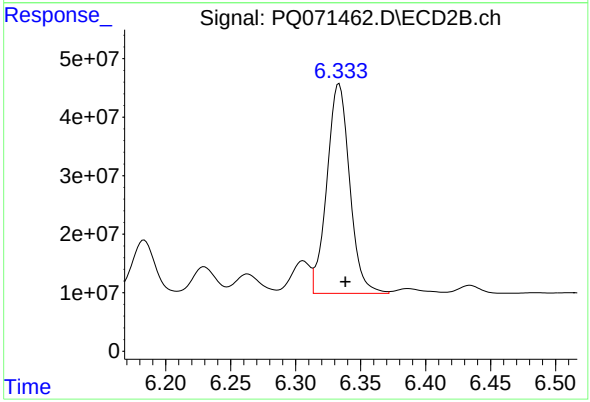
R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 183718971
Conc: 370.87 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 320423274
Conc: 385.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL0



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 437441859
Conc: 380.95 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AL1	SDG No.:	Q3693
Lab Sample ID:	Q3693-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.3
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.4	U	1	4.70	20.4	ug/kg	11/22/25 00:26	PB170682
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/22/25 00:26	PB170682
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/22/25 00:26	PB170682
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/22/25 00:26	PB170682
12672-29-6	Aroclor-1248	267		1	7.10	20.4	ug/kg	11/22/25 00:26	PB170682
11097-69-1	Aroclor-1254	282		1	3.90	20.4	ug/kg	11/22/25 00:26	PB170682
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/22/25 00:26	PB170682
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/22/25 00:26	PB170682
11096-82-5	Aroclor-1260	258		1	3.90	20.4	ug/kg	11/22/25 00:26	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.4			21 - 165	97%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.6			10 - 170	88%	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\PQ112125\
Data File : PQ071463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:26
Operator : YP\AJ
Sample : Q3693-08
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AL1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:00:51 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	168.7E6	175.8E6	19.374	18.825
2)	SA Decachlor...	8.535	7.653	110.3E6	150.5E6	17.612	16.476
	Target Compounds						
21)	L5 AR-1248-1	4.497	3.868	109.0E6	122.5E6	572.239	575.343
22)	L5 AR-1248-2	4.760	4.094	181.5E6	209.4E6	746.230	737.323
23)	L5 AR-1248-3	4.948	4.132	208.8E6	192.9E6	710.758	688.583
24)	L5 AR-1248-4	5.312	4.292	243.8E6	243.1E6	927.462	701.946
25)	L5 AR-1248-5	5.337	4.669	127.6E6	131.3E6	376.987	376.544
26)	L6 AR-1254-1	5.312	4.631	243.8E6	317.5E6	701.893	592.457
27)	L6 AR-1254-2	5.526	4.778	361.6E6	248.4E6	667.374	541.506
28)	L6 AR-1254-3	5.876	5.163	307.4E6	484.3E6	533.786	637.818
29)	L6 AR-1254-4	6.158	5.389	221.5E6	245.4E6	524.284	490.898
30)	L6 AR-1254-5	6.568	5.796	505.6E6	647.0E6	1099.906	934.725
31)	L7 AR-1260-1	6.042	5.292	292.0E6	376.4E6	652.411	754.409
32)	L7 AR-1260-2	6.299	5.482	352.1E6	419.2E6	689.069	691.243
33)	L7 AR-1260-3	6.652	5.624	207.2E6	391.4E6	541.276	662.068
34)	L7 AR-1260-4	6.867	6.089	240.8E6	266.4E6	575.965	537.741
35)	L7 AR-1260-5	7.173	6.333	482.2E6	660.3E6	579.378	575.029

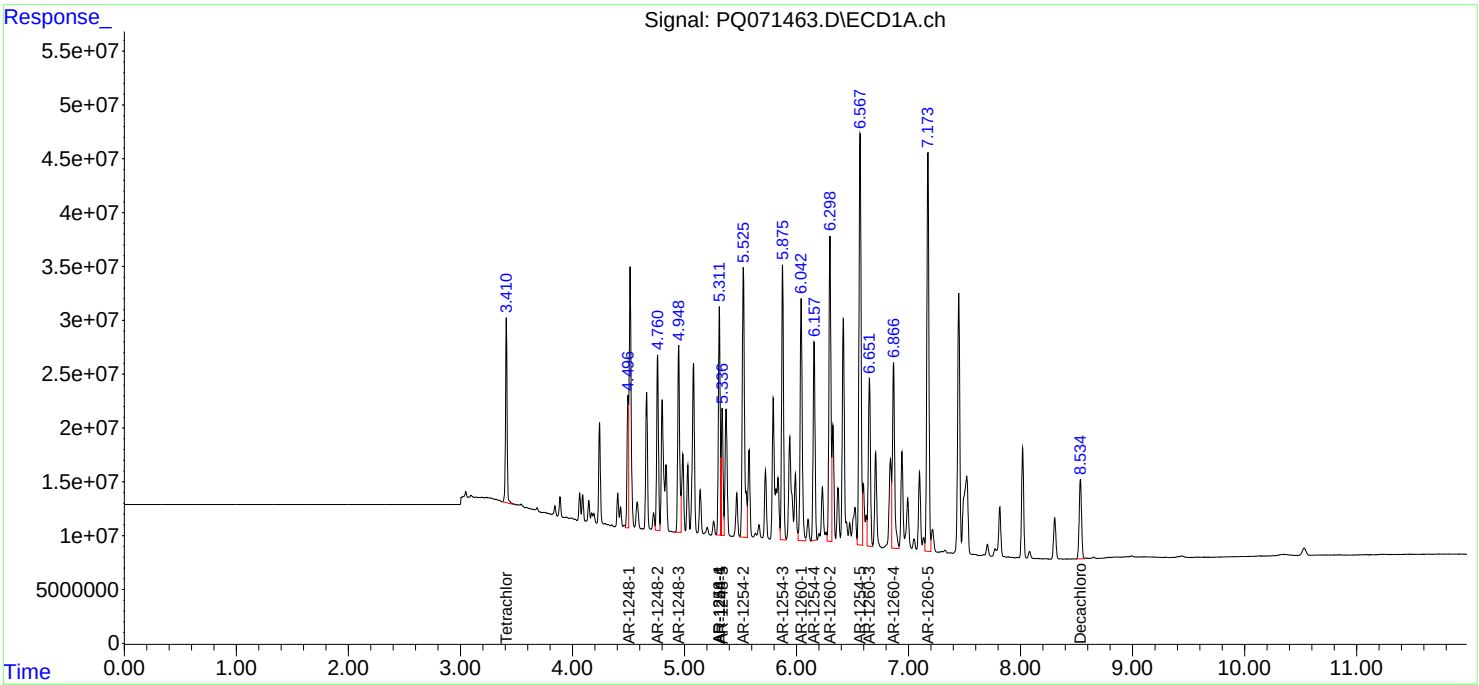
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

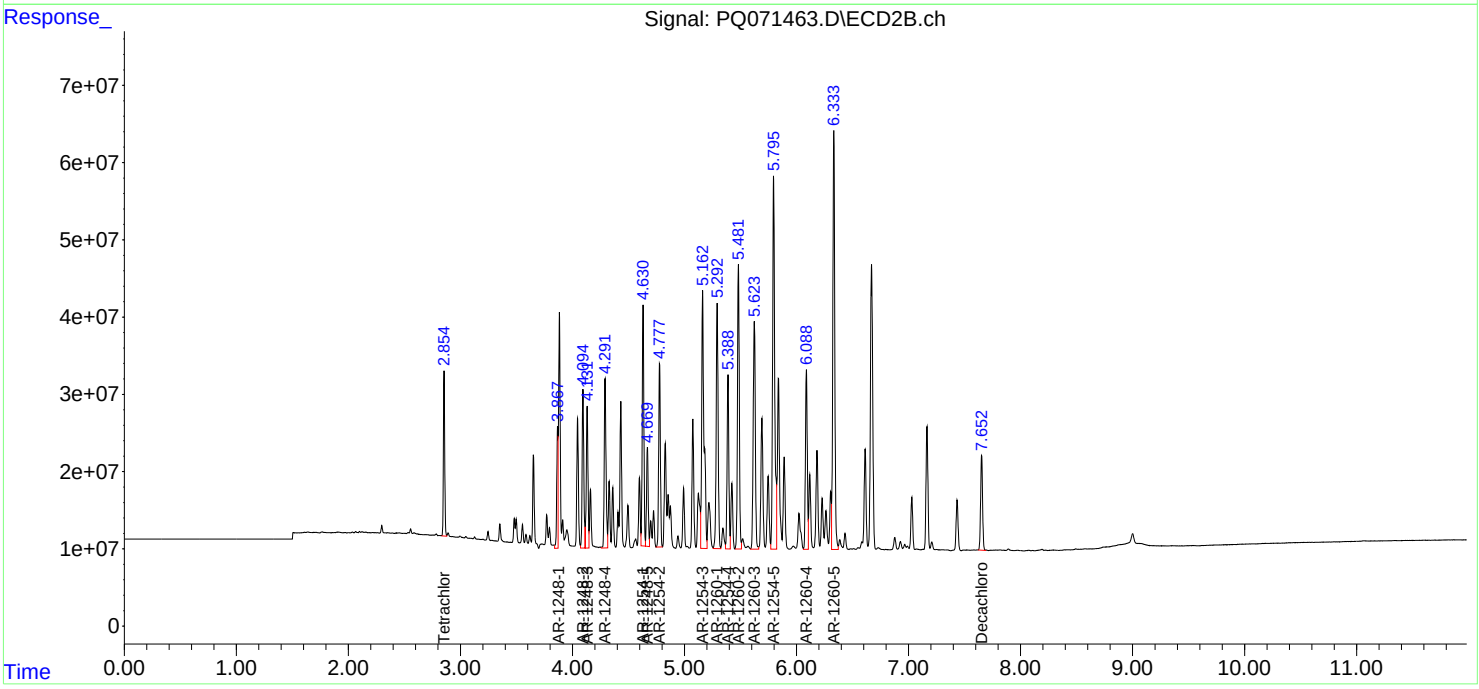
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:26
Operator : YP\AJ
Sample : Q3693-08
Misc :
ALS Vial : 71 Sample Multiplier: 1

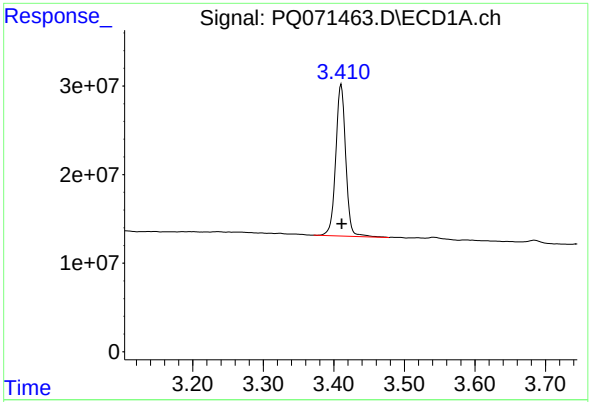
Instrument :
ECD_Q
ClientSampleId :
C0AL1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:00:51 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



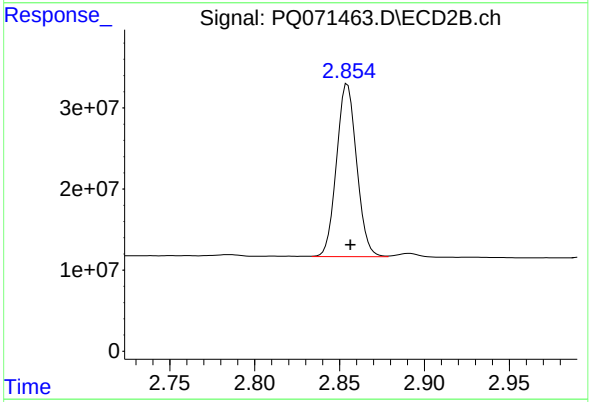




#1 Tetrachloro-m-xylene

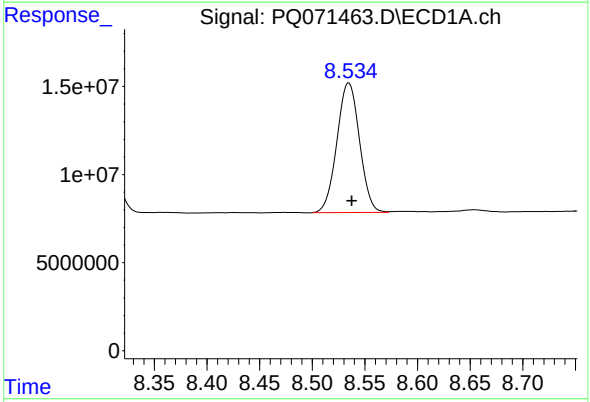
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 168654238
Conc: 19.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL1



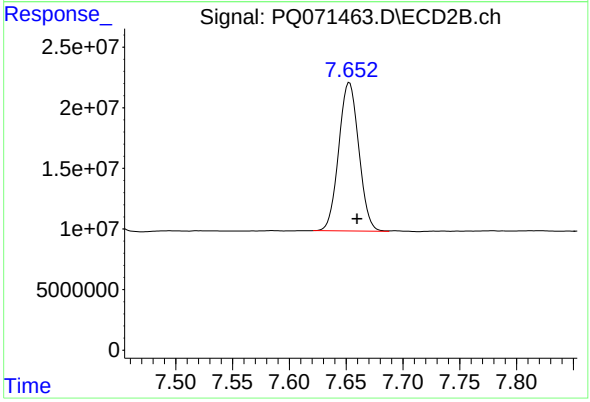
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 175765695
Conc: 18.83 ng/ml



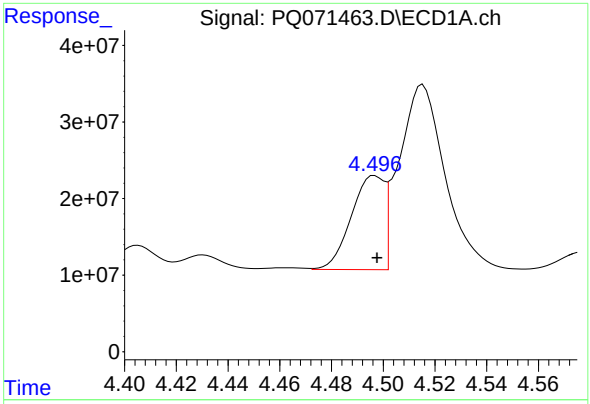
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 110279532
Conc: 17.61 ng/ml



#2 Decachlorobiphenyl

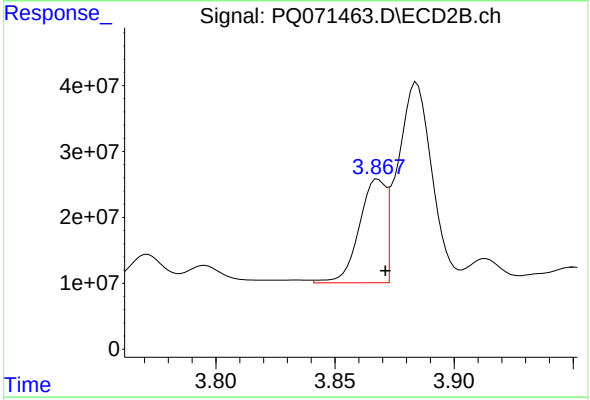
R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 150548735
Conc: 16.48 ng/ml



#21 AR-1248-1

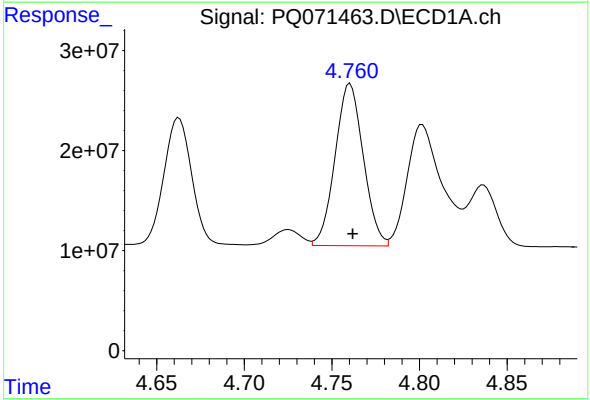
R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 109008245
Conc: 572.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL1



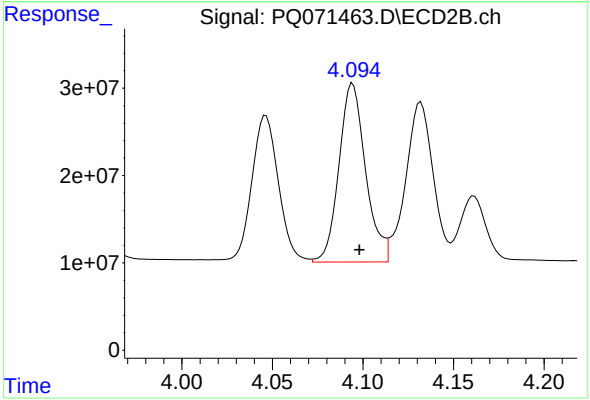
#21 AR-1248-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 122476797
Conc: 575.34 ng/ml



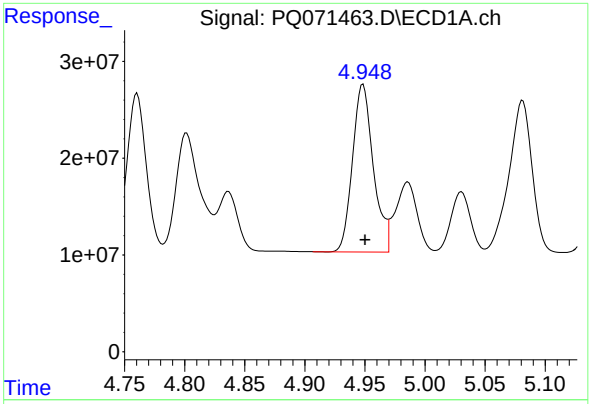
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 181548085
Conc: 746.23 ng/ml



#22 AR-1248-2

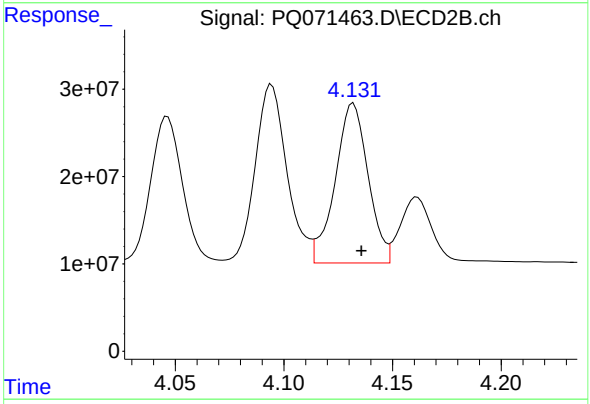
R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 209412322
Conc: 737.32 ng/ml



#23 AR-1248-3

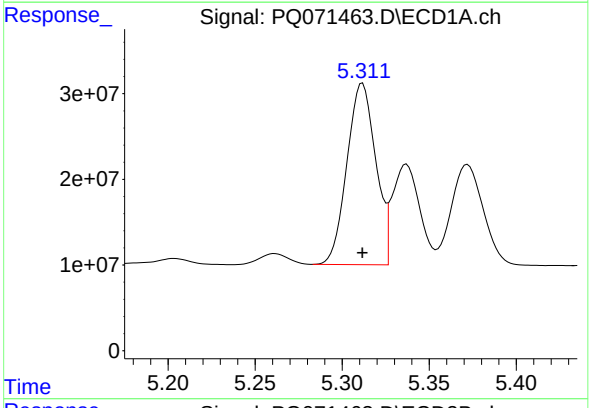
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 208839157
Conc: 710.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL1



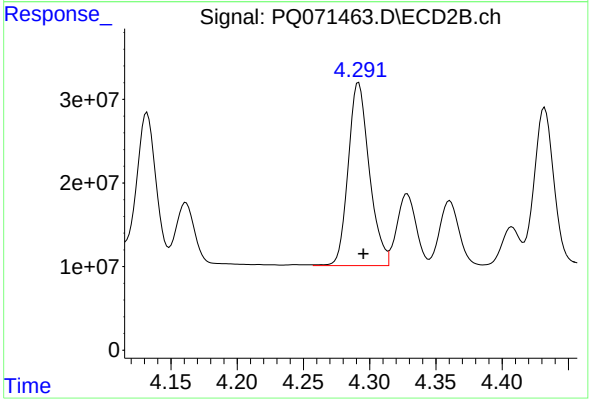
#23 AR-1248-3

R.T.: 4.132 min
Delta R.T.: -0.004 min
Response: 192880728
Conc: 688.58 ng/ml



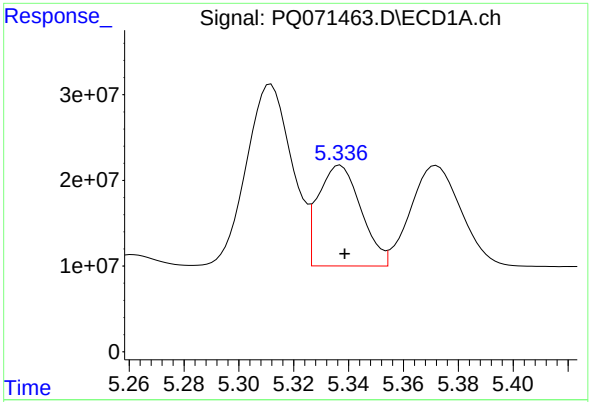
#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 243809452
Conc: 927.46 ng/ml



#24 AR-1248-4

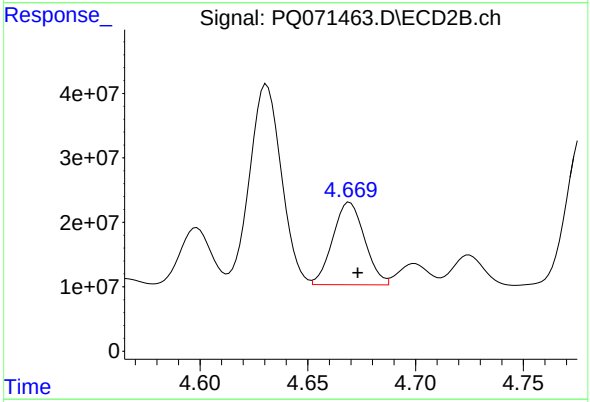
R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 243143058
Conc: 701.95 ng/ml



#25 AR-1248-5

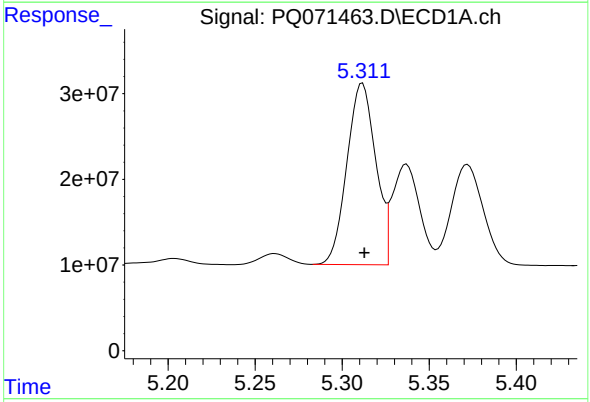
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 127552234
Conc: 376.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL1



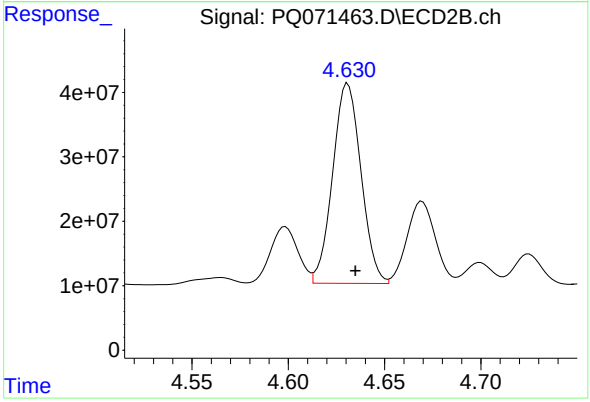
#25 AR-1248-5

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 131277384
Conc: 376.54 ng/ml



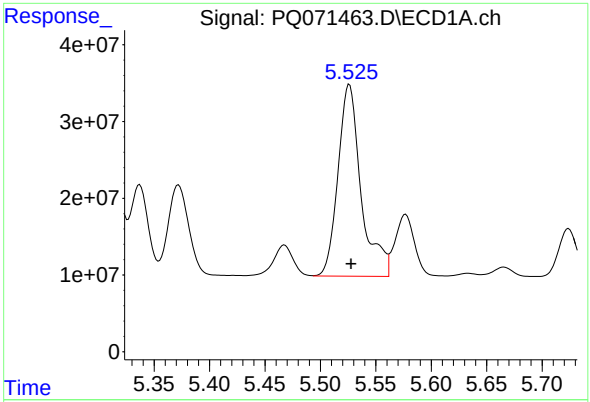
#26 AR-1254-1

R.T.: 5.312 min
Delta R.T.: -0.001 min
Response: 243809452
Conc: 701.89 ng/ml



#26 AR-1254-1

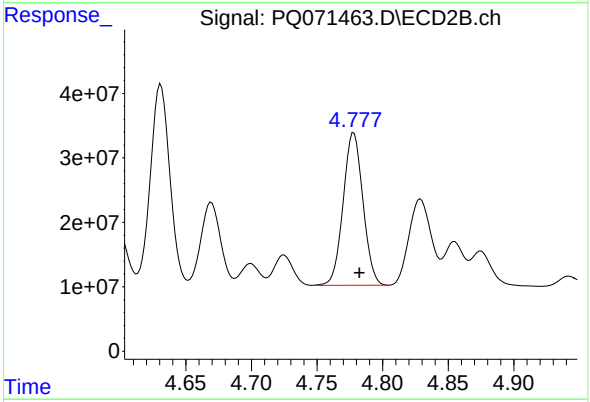
R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 317479172
Conc: 592.46 ng/ml



#27 AR-1254-2

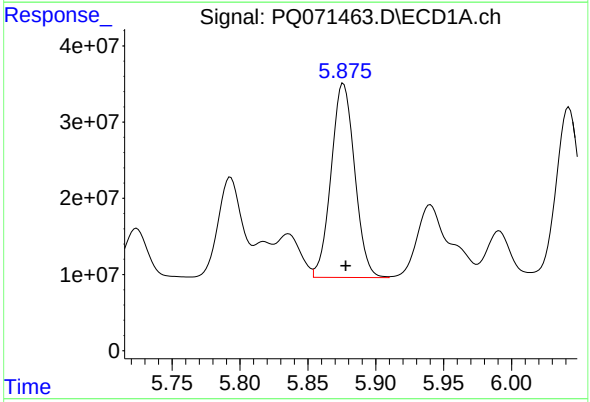
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 361598501
Conc: 667.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL1



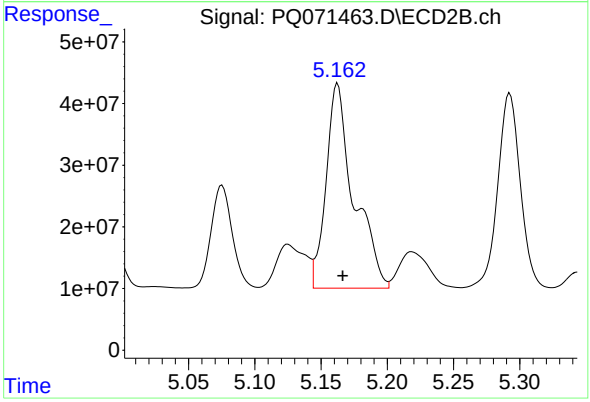
#27 AR-1254-2

R.T.: 4.778 min
Delta R.T.: -0.004 min
Response: 248432882
Conc: 541.51 ng/ml



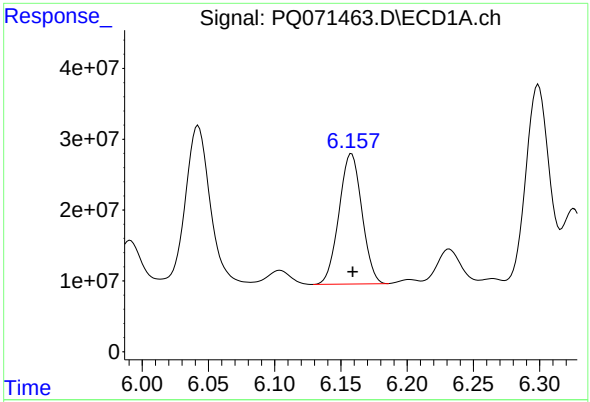
#28 AR-1254-3

R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 307370054
Conc: 533.79 ng/ml



#28 AR-1254-3

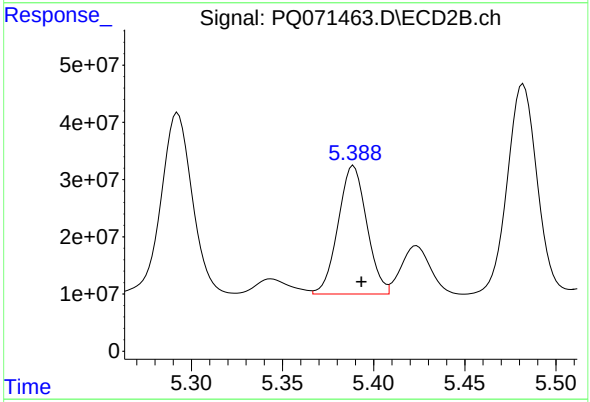
R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 484294678
Conc: 637.82 ng/ml



#29 AR-1254-4

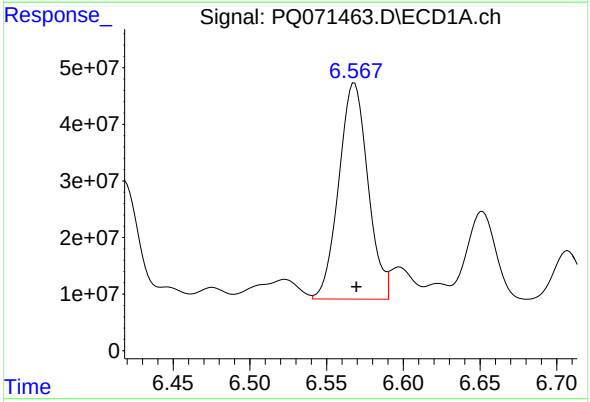
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 221504948
Conc: 524.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL1



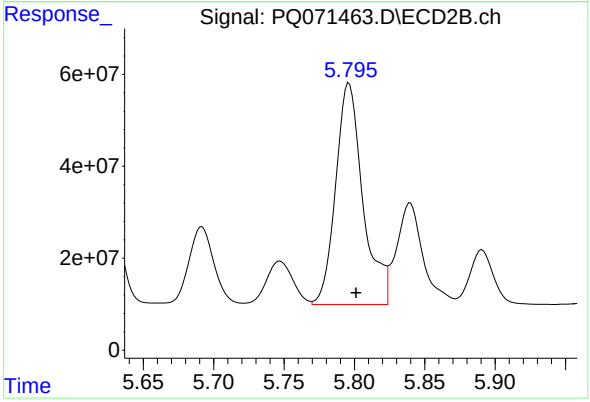
#29 AR-1254-4

R.T.: 5.389 min
Delta R.T.: -0.004 min
Response: 245359436
Conc: 490.90 ng/ml



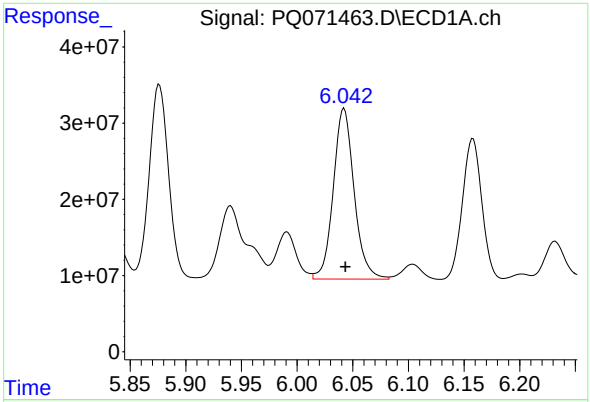
#30 AR-1254-5

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 505551957
Conc: 1099.91 ng/ml



#30 AR-1254-5

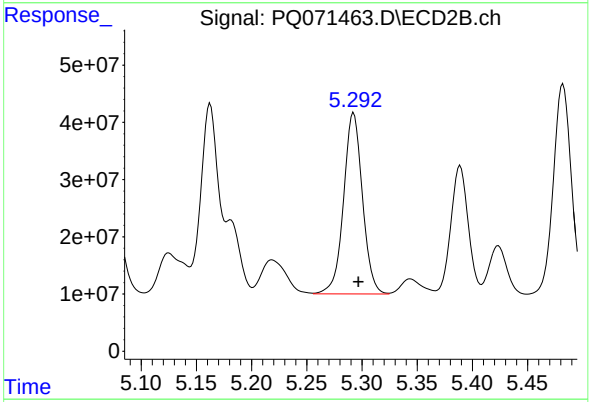
R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 647045114
Conc: 934.73 ng/ml



#31 AR-1260-1

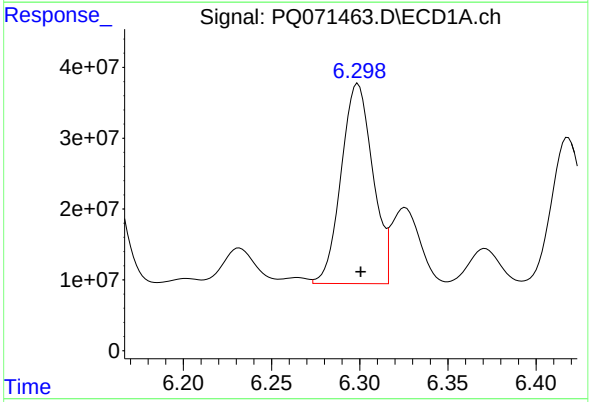
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 291952266
Conc: 652.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL1



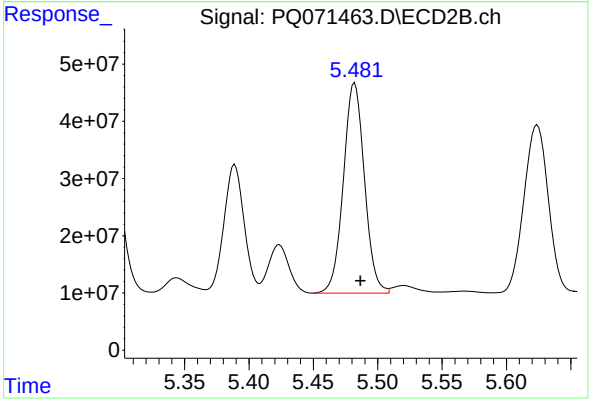
#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.004 min
Response: 376394702
Conc: 754.41 ng/ml



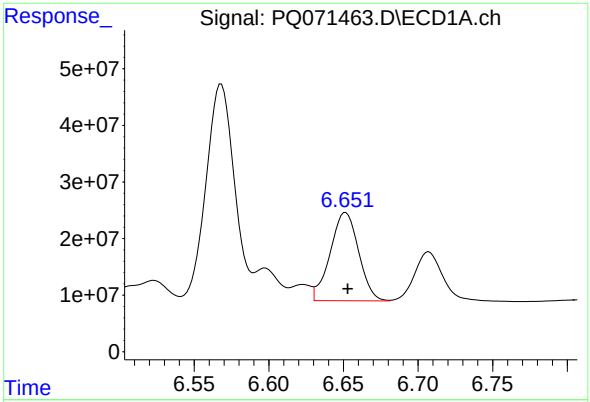
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 352054740
Conc: 689.07 ng/ml



#32 AR-1260-2

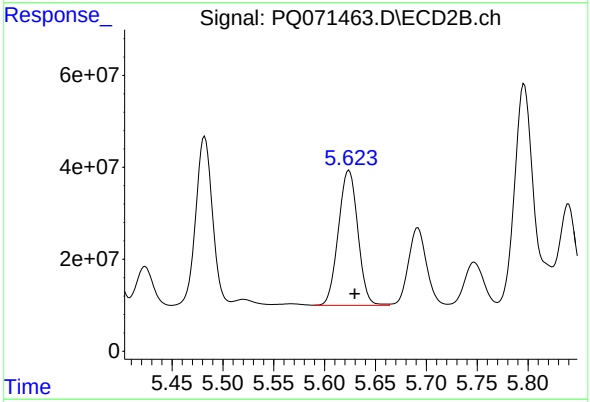
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 419152959
Conc: 691.24 ng/ml



#33 AR-1260-3

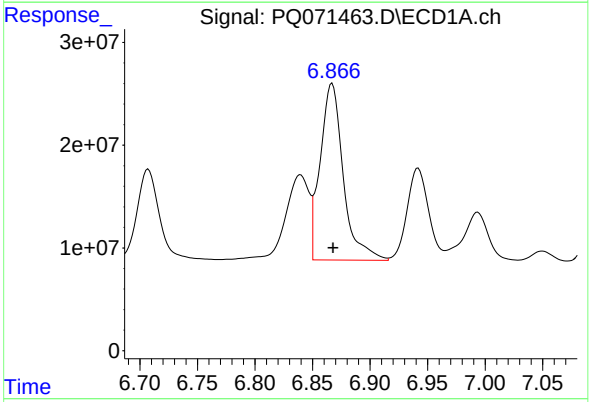
R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 207164573
Conc: 541.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL1



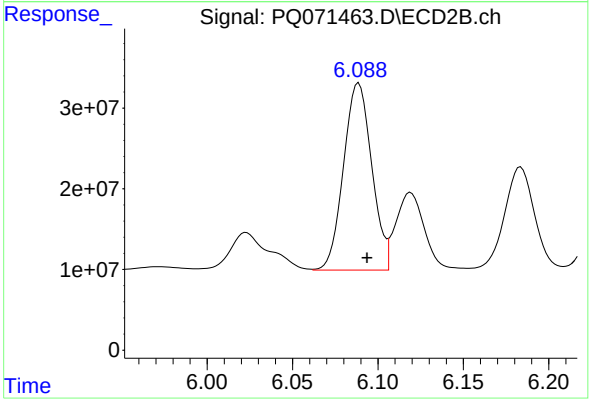
#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 391403907
Conc: 662.07 ng/ml



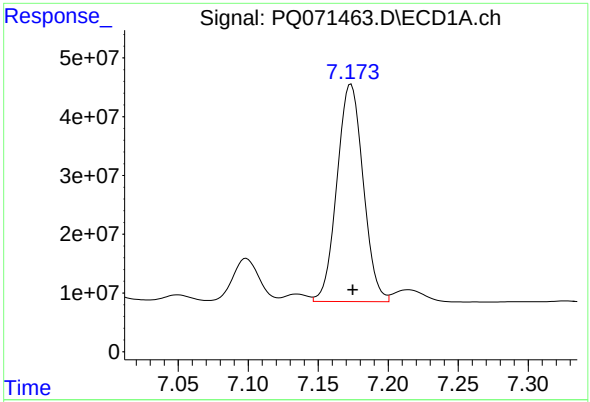
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 240836585
Conc: 575.96 ng/ml



#34 AR-1260-4

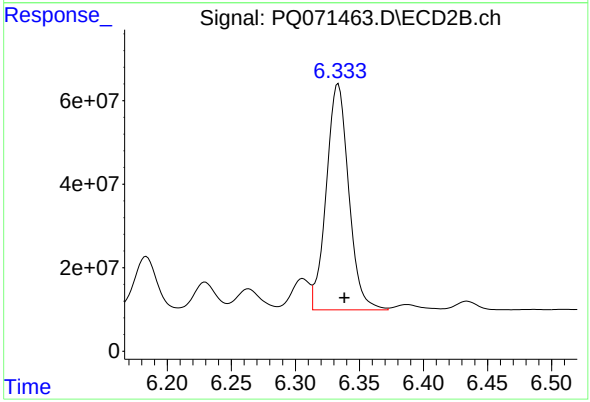
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 266385384
Conc: 537.74 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 482180555
Conc: 579.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL1



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 660297458
Conc: 575.03 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AL2	SDG No.:	Q3693
Lab Sample ID:	Q3693-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.8
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.2	U	1	4.70	20.2	ug/kg	11/22/25 00:40	PB170682
11104-28-2	Aroclor-1221	20.2	U	1	4.80	20.2	ug/kg	11/22/25 00:40	PB170682
11141-16-5	Aroclor-1232	20.2	U	1	4.40	20.2	ug/kg	11/22/25 00:40	PB170682
53469-21-9	Aroclor-1242	20.2	U	1	4.80	20.2	ug/kg	11/22/25 00:40	PB170682
12672-29-6	Aroclor-1248	57.5		1	7.00	20.2	ug/kg	11/22/25 00:40	PB170682
11097-69-1	Aroclor-1254	82.1		1	3.80	20.2	ug/kg	11/22/25 00:40	PB170682
37324-23-5	Aroclor-1262	20.2	U	1	6.00	20.2	ug/kg	11/22/25 00:40	PB170682
11100-14-4	Aroclor-1268	20.2	U	1	4.30	20.2	ug/kg	11/22/25 00:40	PB170682
11096-82-5	Aroclor-1260	97.0		1	3.80	20.2	ug/kg	11/22/25 00:40	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.1			21 - 165	100%	SPK: 20		
2051-24-3	Decachlorobiphenyl	11.7			10 - 170	58%	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\PQ112125\
Data File : PQ071464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:40
Operator : YP\AJ
Sample : Q3693-09
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:01:17 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	171.3E6	187.2E6	19.675	20.052	
2)	SA Decachlor...	8.535	7.653	73054768	101.6E6	11.667	11.116	
	Target Compounds							
21)	L5 AR-1248-1	4.497	3.868	10890840	15709691	57.171	73.797	#
22)	L5 AR-1248-2	4.760	4.094	40505186	48047481	166.491	169.171	
23)	L5 AR-1248-3	4.949	4.132	38596774	43536654	131.359	155.426	
24)	L5 AR-1248-4	5.311	4.292	70802238	46538769	269.335	134.356	#
25)	L5 AR-1248-5	5.337	4.670	34024329	53849722	100.561	154.457	#
26)	L6 AR-1254-1	5.311	4.631	70802238	85822867	203.830	160.156	
27)	L6 AR-1254-2	5.526	4.778	101.5E6	71818863	187.294	156.543	
28)	L6 AR-1254-3	5.876	5.162	80281958	89817160	139.420	118.290	
29)	L6 AR-1254-4	6.158	5.389	49377621	65170677	116.873	130.389	
30)	L6 AR-1254-5	6.568	5.796	178.3E6	220.2E6	387.856	318.132	
31)	L7 AR-1260-1	6.042	5.293	112.9E6	132.2E6	252.359	264.937	
32)	L7 AR-1260-2	6.299	5.482	137.5E6	163.1E6	269.114	268.968	
33)	L7 AR-1260-3	6.652	5.625	88690293	147.3E6	231.728	249.141	
34)	L7 AR-1260-4	6.867	6.089	98772855	108.2E6	236.217	218.431	
35)	L7 AR-1260-5	7.174	6.333	191.3E6	253.7E6	229.816	220.928	

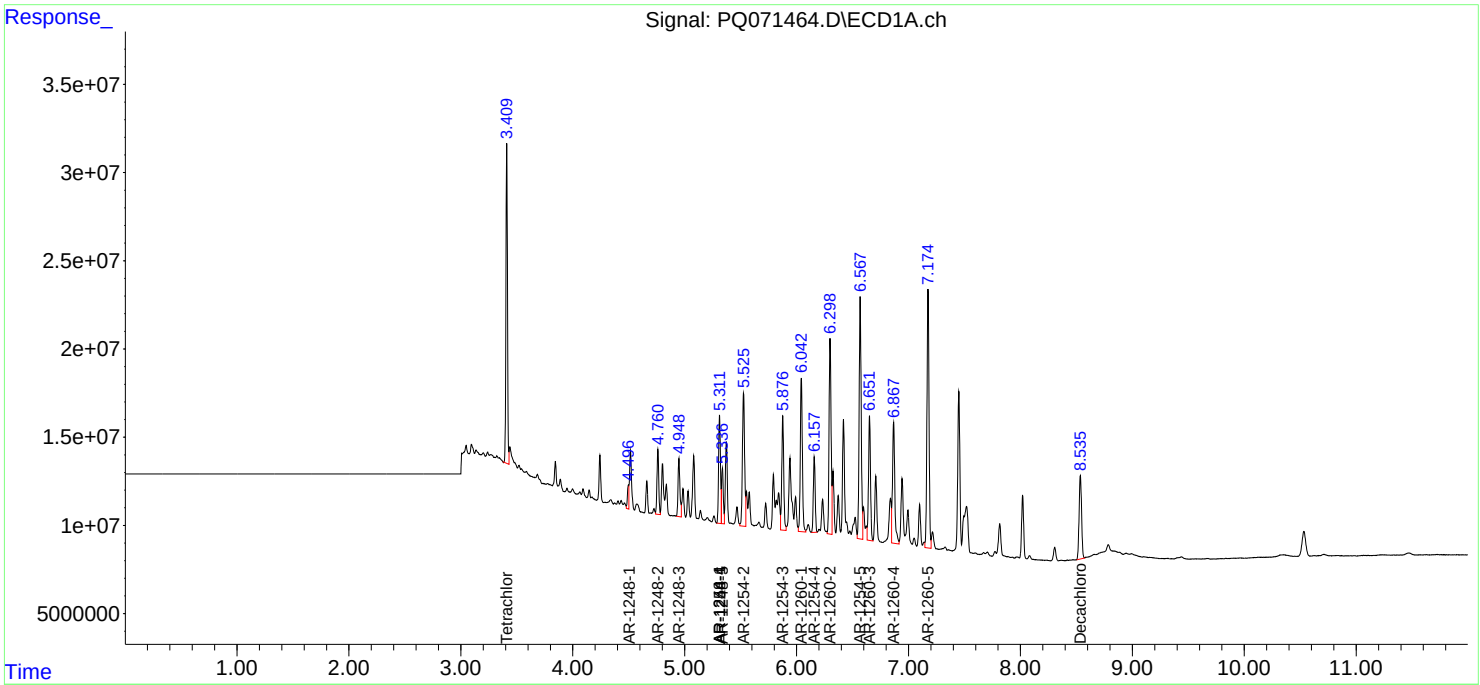
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

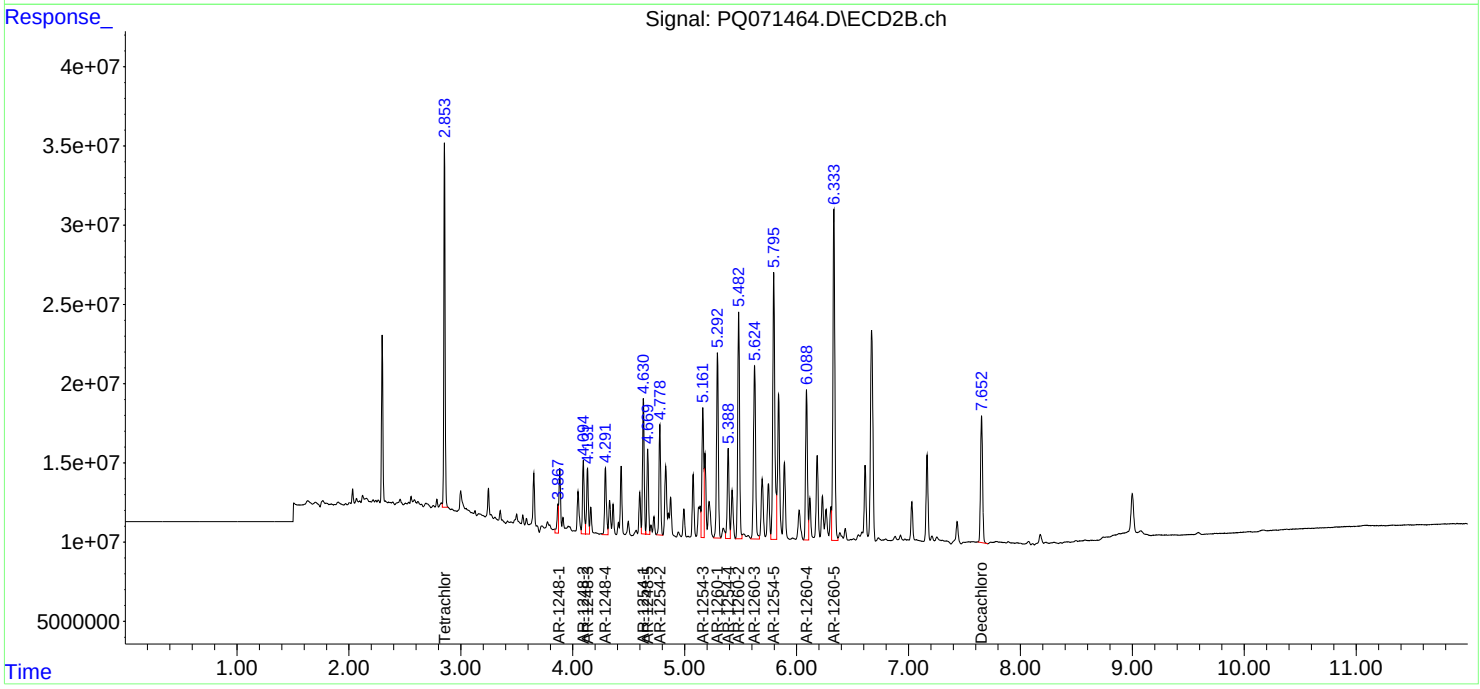
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:40
Operator : YP\AJ
Sample : Q3693-09
Misc :
ALS Vial : 72 Sample Multiplier: 1

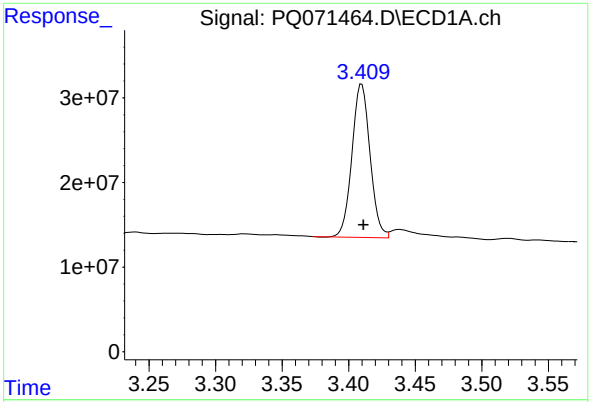
Instrument :
ECD_Q
ClientSampleId :
C0AL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:01:17 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



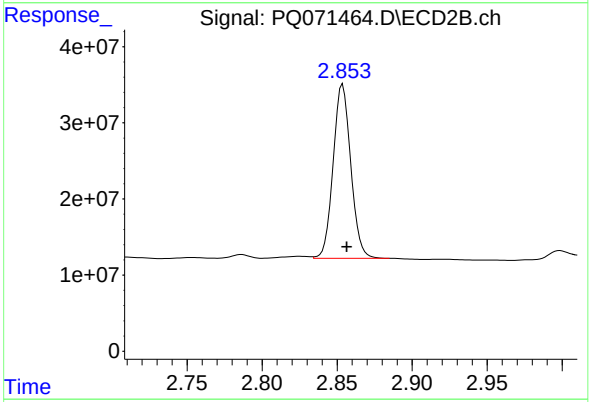




#1 Tetrachloro-m-xylene

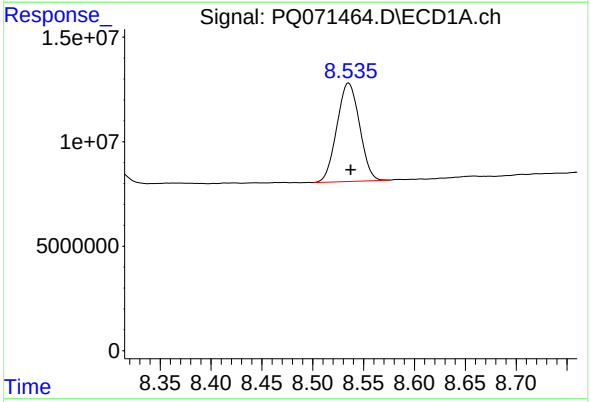
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 171271506
Conc: 19.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL2



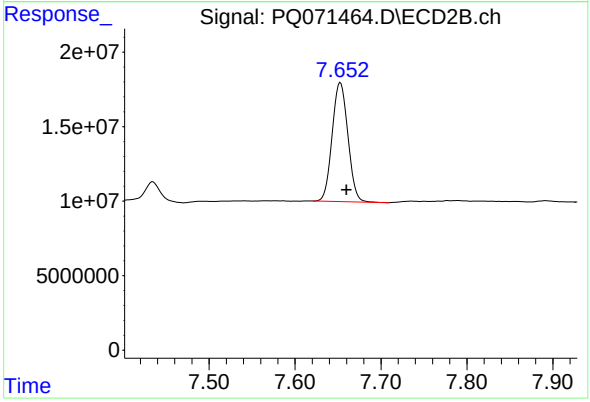
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 187214807
Conc: 20.05 ng/ml



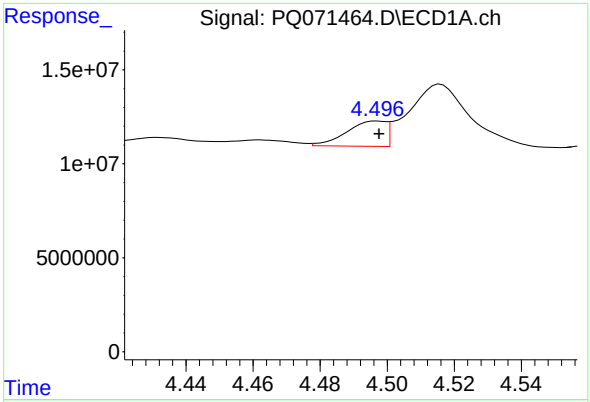
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 73054768
Conc: 11.67 ng/ml



#2 Decachlorobiphenyl

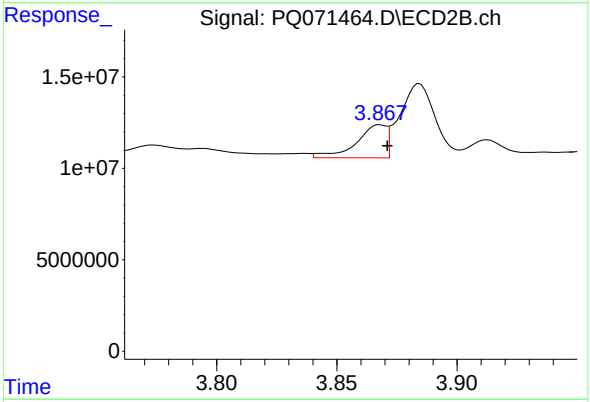
R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 101575067
Conc: 11.12 ng/ml



#21 AR-1248-1

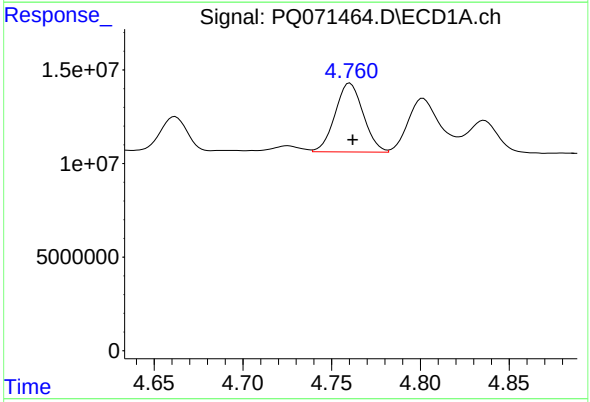
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 10890840
Conc: 57.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL2



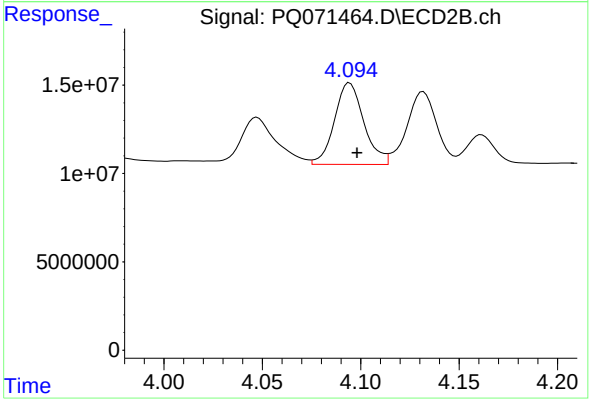
#21 AR-1248-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 15709691
Conc: 73.80 ng/ml



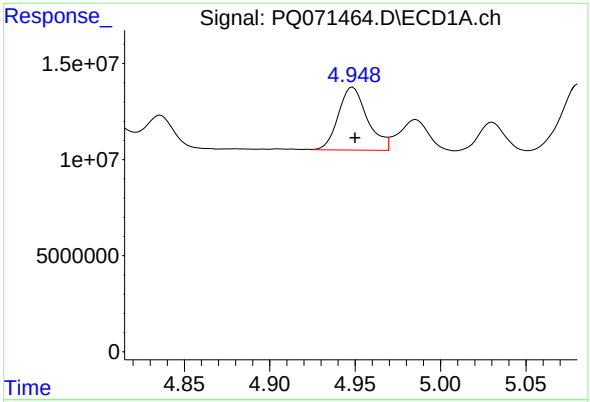
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 40505186
Conc: 166.49 ng/ml



#22 AR-1248-2

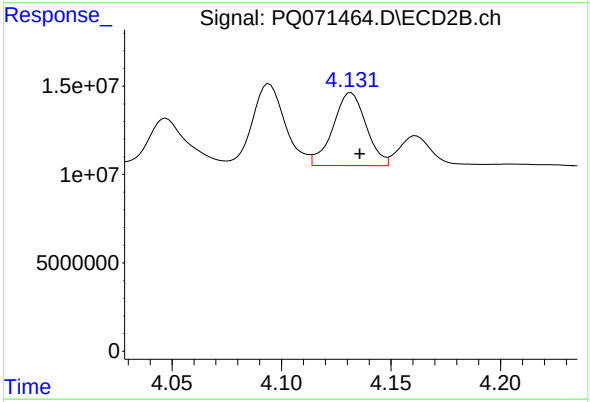
R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 48047481
Conc: 169.17 ng/ml



#23 AR-1248-3

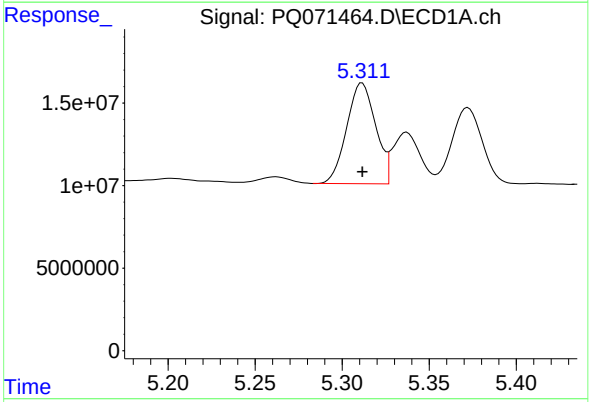
R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 38596774
Conc: 131.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL2



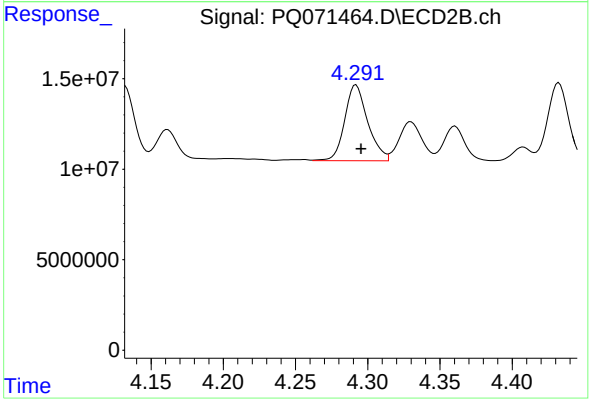
#23 AR-1248-3

R.T.: 4.132 min
Delta R.T.: -0.004 min
Response: 43536654
Conc: 155.43 ng/ml



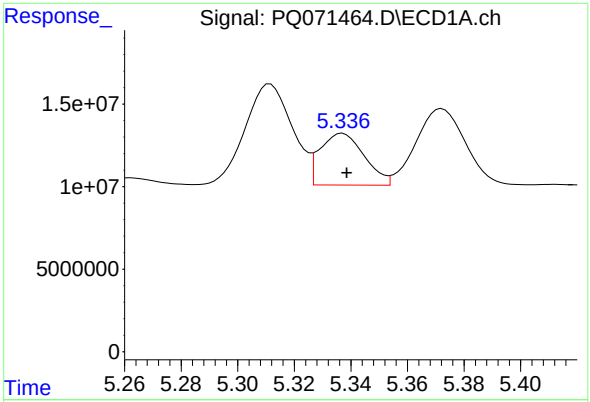
#24 AR-1248-4

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 70802238
Conc: 269.33 ng/ml



#24 AR-1248-4

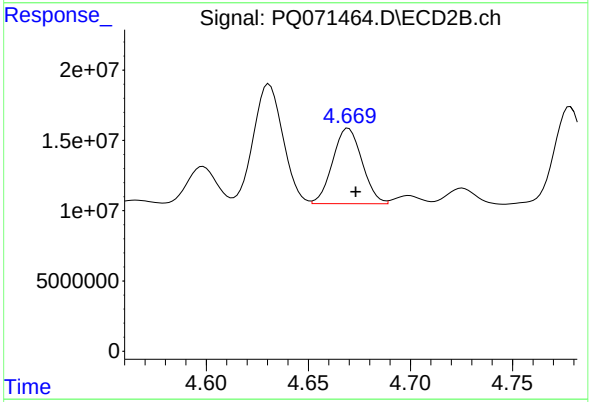
R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 46538769
Conc: 134.36 ng/ml



#25 AR-1248-5

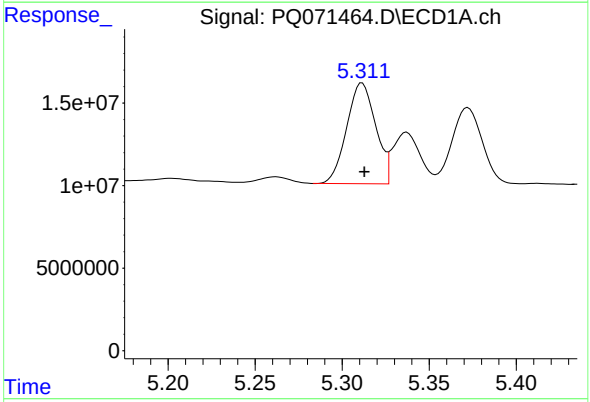
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 34024329
Conc: 100.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL2



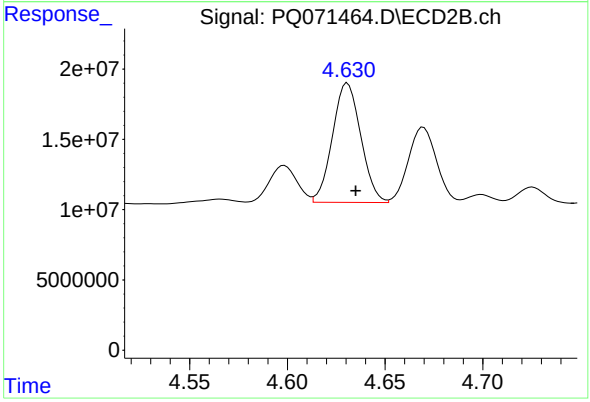
#25 AR-1248-5

R.T.: 4.670 min
Delta R.T.: -0.004 min
Response: 53849722
Conc: 154.46 ng/ml



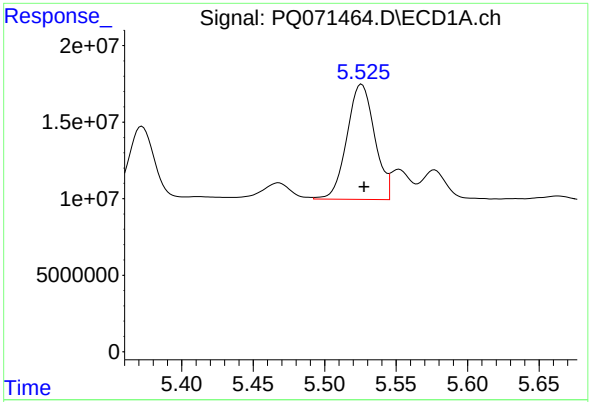
#26 AR-1254-1

R.T.: 5.311 min
Delta R.T.: -0.001 min
Response: 70802238
Conc: 203.83 ng/ml



#26 AR-1254-1

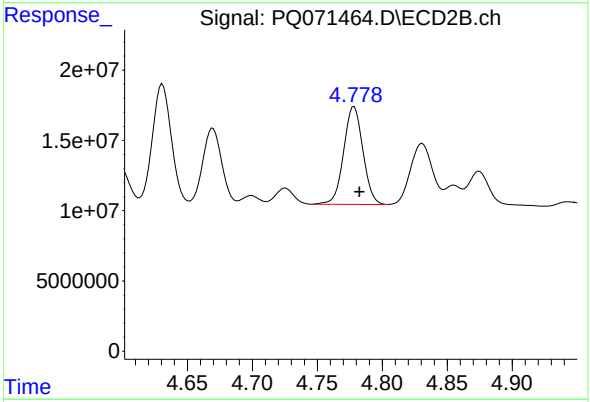
R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 85822867
Conc: 160.16 ng/ml



#27 AR-1254-2

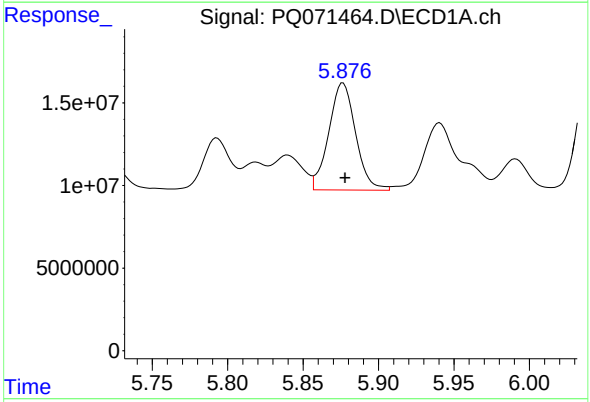
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 101480073
Conc: 187.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL2



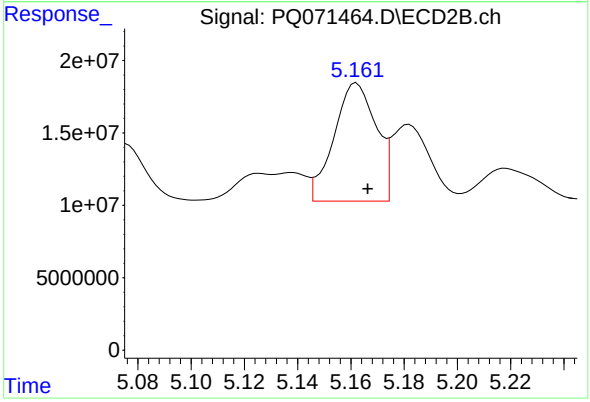
#27 AR-1254-2

R.T.: 4.778 min
Delta R.T.: -0.004 min
Response: 71818863
Conc: 156.54 ng/ml



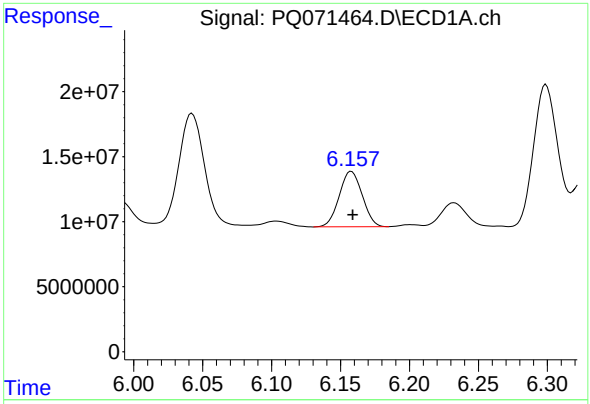
#28 AR-1254-3

R.T.: 5.876 min
Delta R.T.: -0.001 min
Response: 80281958
Conc: 139.42 ng/ml



#28 AR-1254-3

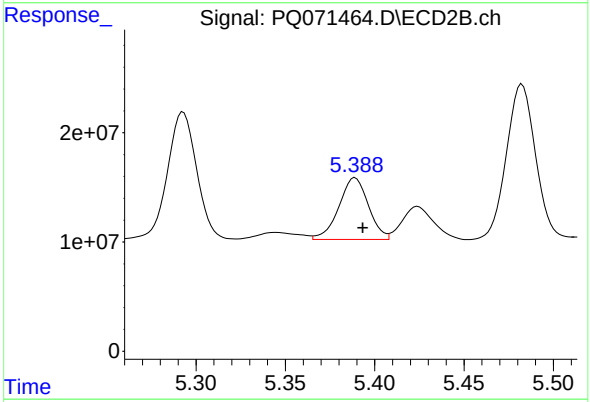
R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 89817160
Conc: 118.29 ng/ml



#29 AR-1254-4

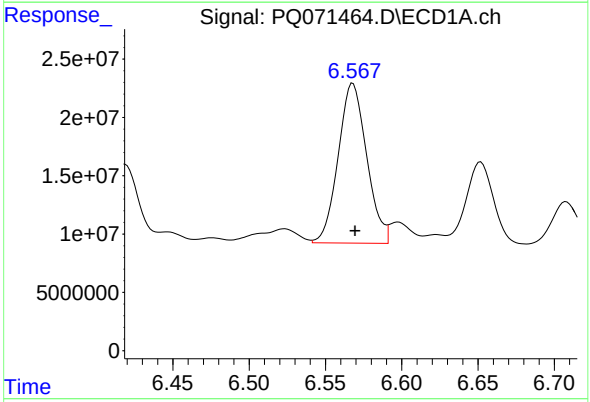
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 49377621
Conc: 116.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL2



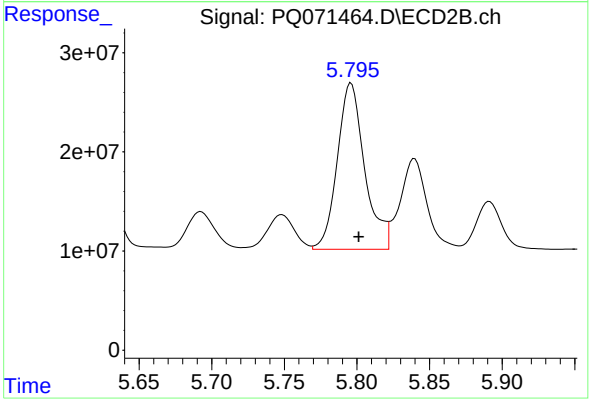
#29 AR-1254-4

R.T.: 5.389 min
Delta R.T.: -0.004 min
Response: 65170677
Conc: 130.39 ng/ml



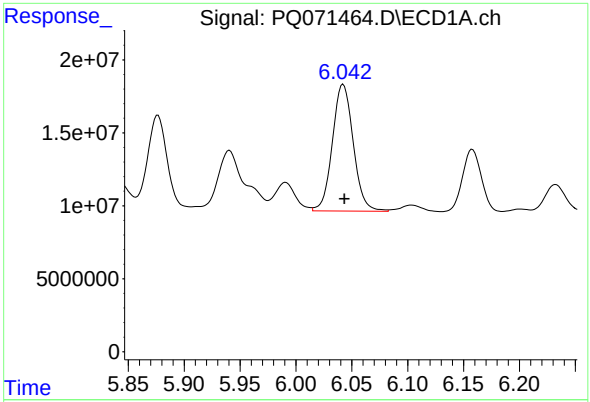
#30 AR-1254-5

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 178270985
Conc: 387.86 ng/ml



#30 AR-1254-5

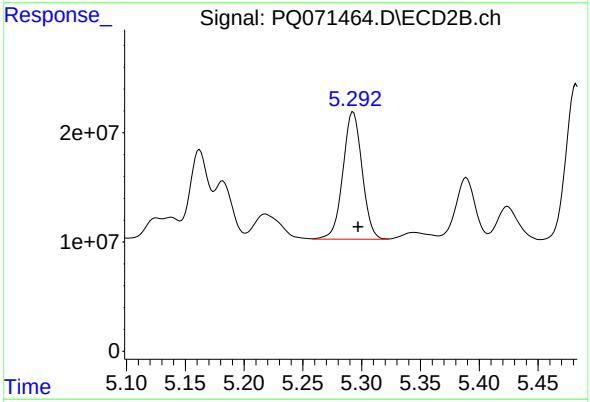
R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 220220664
Conc: 318.13 ng/ml



#31 AR-1260-1

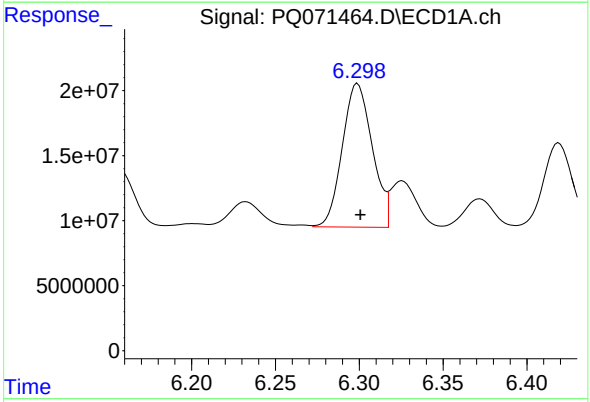
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 112929836
Conc: 252.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL2



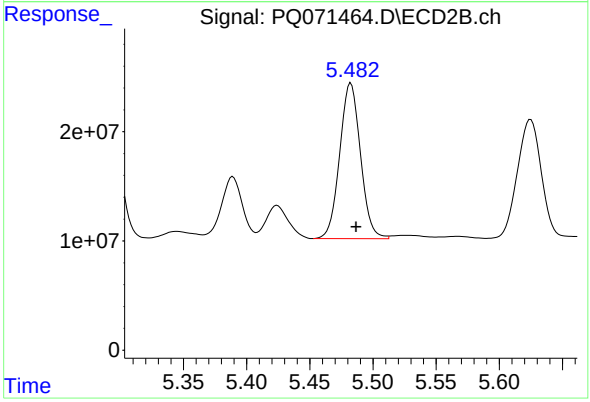
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 132184338
Conc: 264.94 ng/ml



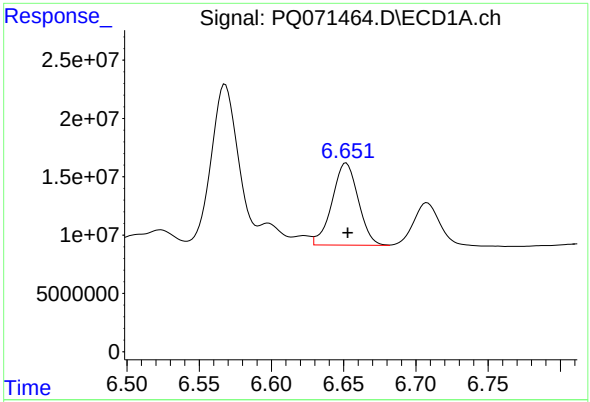
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 137494268
Conc: 269.11 ng/ml



#32 AR-1260-2

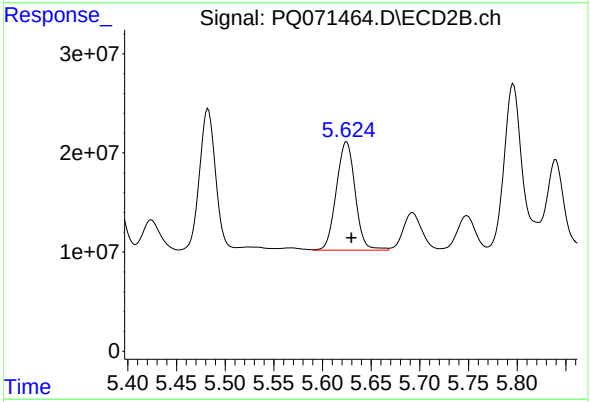
R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 163095844
Conc: 268.97 ng/ml



#33 AR-1260-3

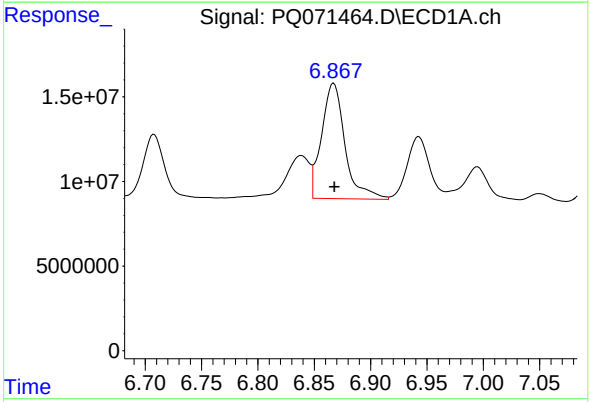
R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 88690293
Conc: 231.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL2



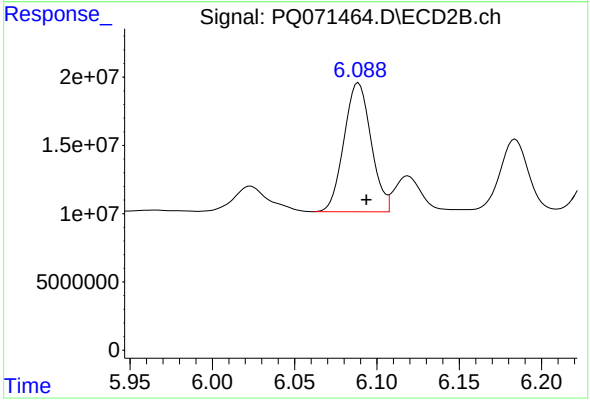
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 147288049
Conc: 249.14 ng/ml



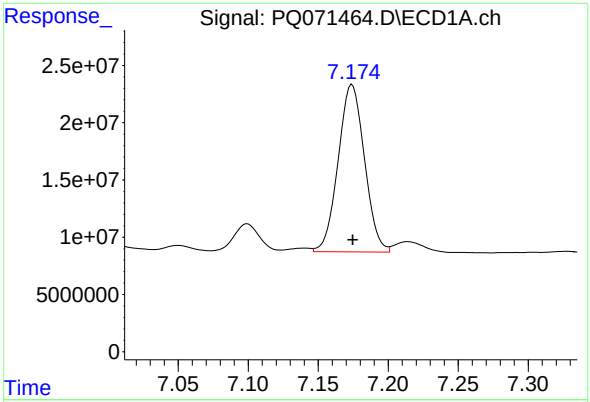
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 98772855
Conc: 236.22 ng/ml



#34 AR-1260-4

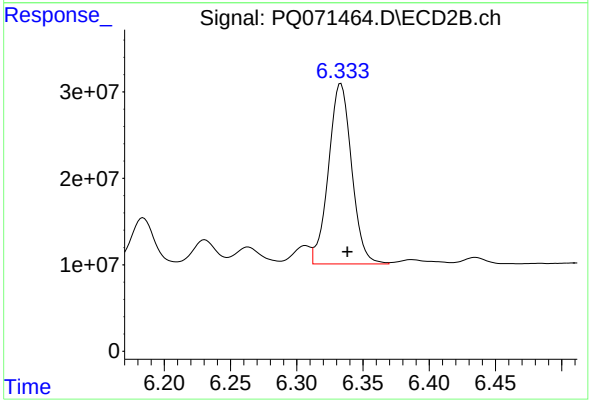
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 108206098
Conc: 218.43 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 191261739
Conc: 229.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL2



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 253688102
Conc: 220.93 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AL3	SDG No.:	Q3693
Lab Sample ID:	Q3693-10	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.3
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.1	U	1	4.70	20.1	ug/kg	11/22/25 00:55	PB170682
11104-28-2	Aroclor-1221	20.1	U	1	4.80	20.1	ug/kg	11/22/25 00:55	PB170682
11141-16-5	Aroclor-1232	20.1	U	1	4.40	20.1	ug/kg	11/22/25 00:55	PB170682
53469-21-9	Aroclor-1242	20.1	U	1	4.80	20.1	ug/kg	11/22/25 00:55	PB170682
12672-29-6	Aroclor-1248	20.1	U	1	7.00	20.1	ug/kg	11/22/25 00:55	PB170682
11097-69-1	Aroclor-1254	20.1	U	1	3.80	20.1	ug/kg	11/22/25 00:55	PB170682
37324-23-5	Aroclor-1262	20.1	U	1	5.90	20.1	ug/kg	11/22/25 00:55	PB170682
11100-14-4	Aroclor-1268	20.1	U	1	4.30	20.1	ug/kg	11/22/25 00:55	PB170682
11096-82-5	Aroclor-1260	44.0		1	3.80	20.1	ug/kg	11/22/25 00:55	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.8			21 - 165	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.6			10 - 170	88%	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\PQ112125\
Data File : PQ071465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:55
Operator : YP\AJ
Sample : Q3693-10
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AL3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:01:42 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...	3.410	2.853	198.1E6	209.8E6	22.753	22.473
2)	SA Decachlor...	8.536	7.653	110.1E6	151.6E6	17.585	16.591
	Target Compounds						
31)	L7 AR-1260-1	6.042	5.293	43279328	49411823	96.714	99.036
32)	L7 AR-1260-2	6.300	5.482	62972751	73094883	123.255	120.544
33)	L7 AR-1260-3	6.652	5.625	43803913	69762676	114.450	118.005
34)	L7 AR-1260-4	6.867	6.089	45270229	51961477	108.265	104.892
35)	L7 AR-1260-5	7.174	6.333	94794219	127.0E6	113.903	110.558

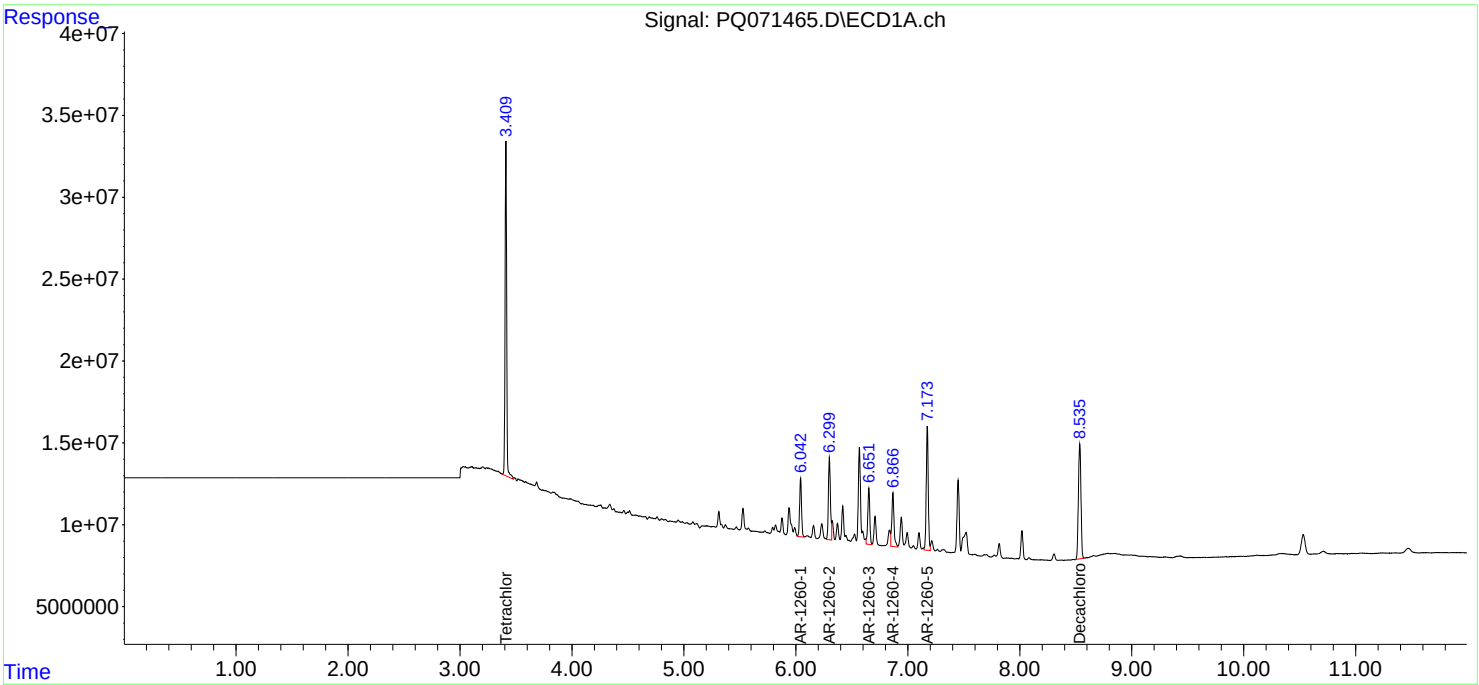
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

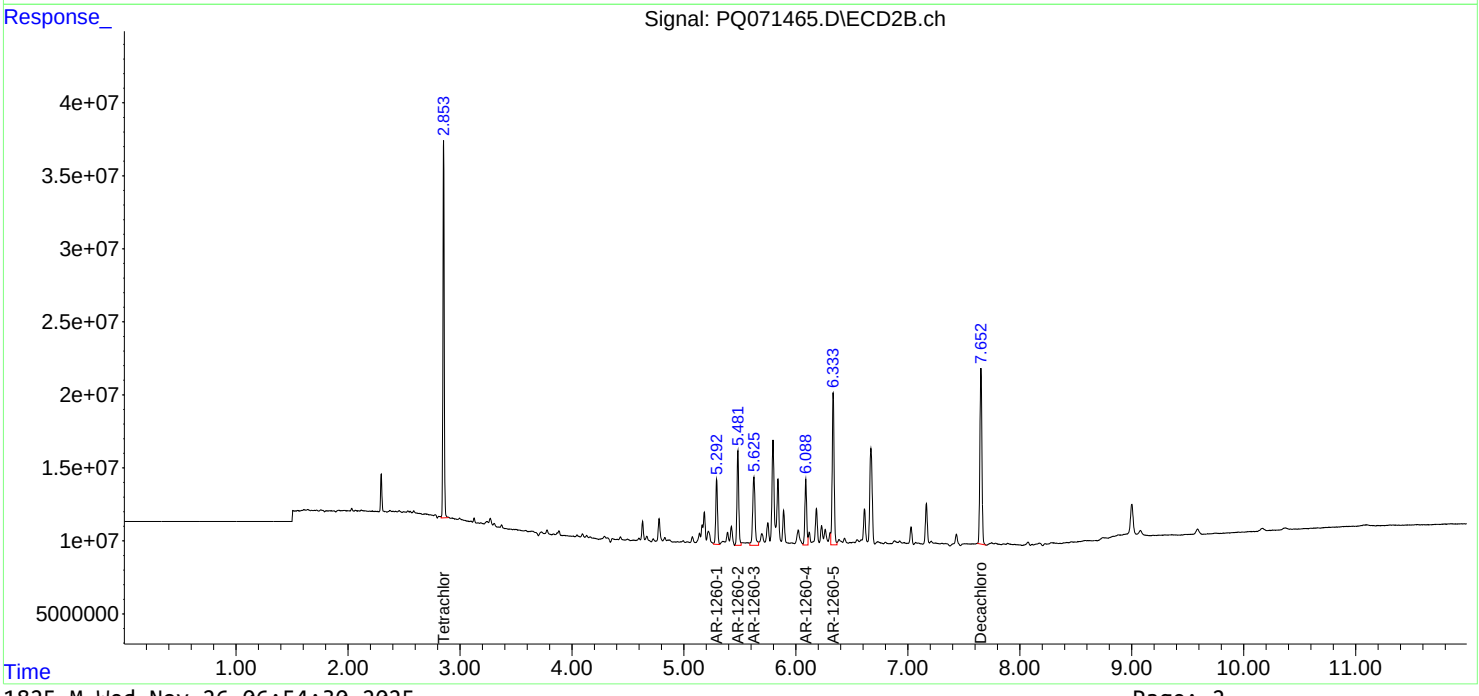
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 00:55
Operator : YP\AJ
Sample : Q3693-10
Misc :
ALS Vial : 73 Sample Multiplier: 1

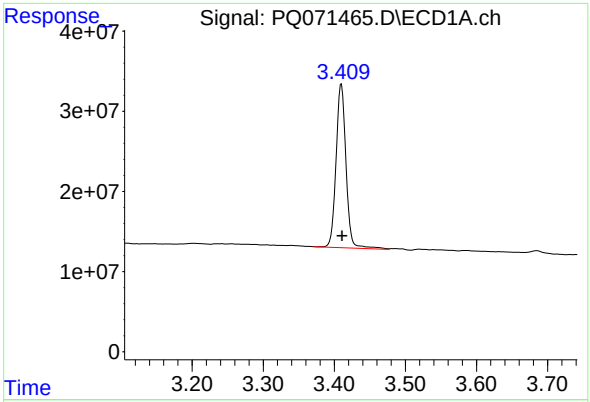
Instrument :
ECD_Q
ClientSampleId :
C0AL3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:01:42 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



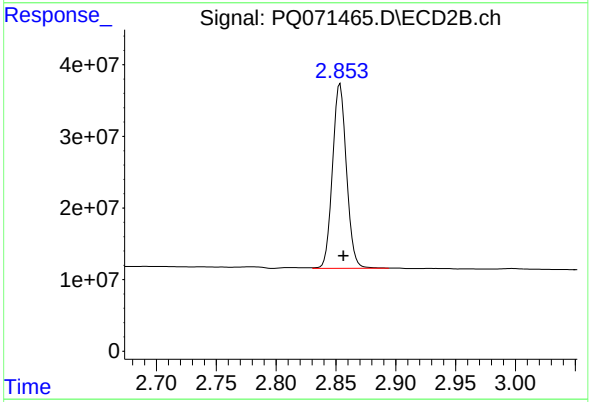




#1 Tetrachloro-m-xylene

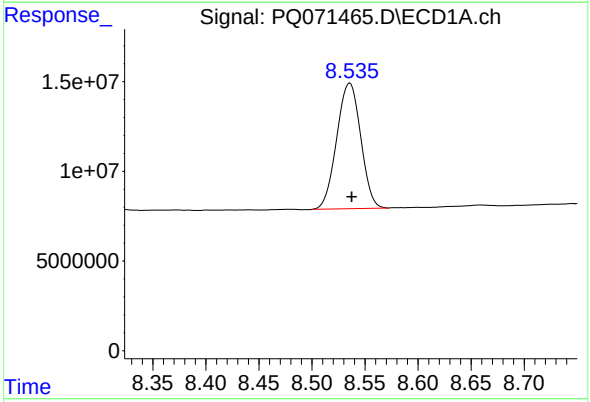
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 198070055
Conc: 22.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL3



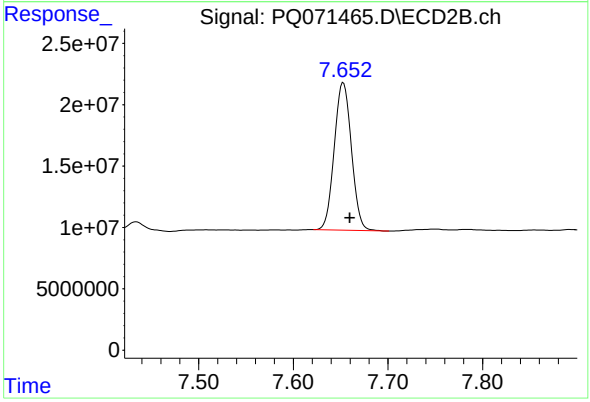
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 209819145
Conc: 22.47 ng/ml



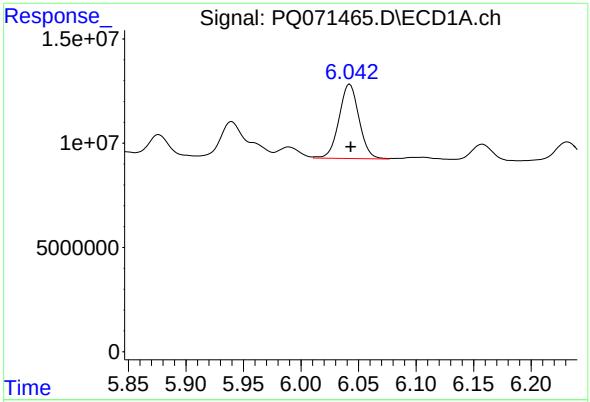
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 110107604
Conc: 17.58 ng/ml



#2 Decachlorobiphenyl

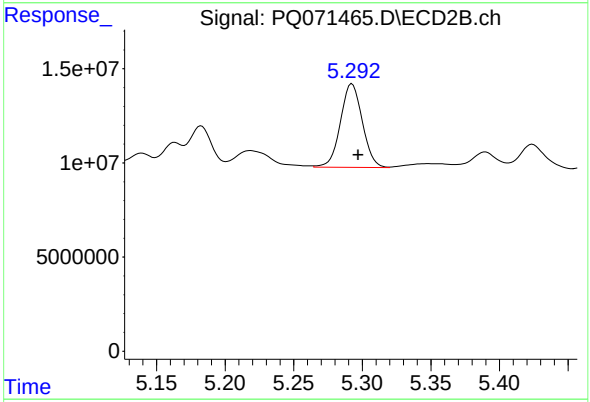
R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 151606449
Conc: 16.59 ng/ml



#31 AR-1260-1

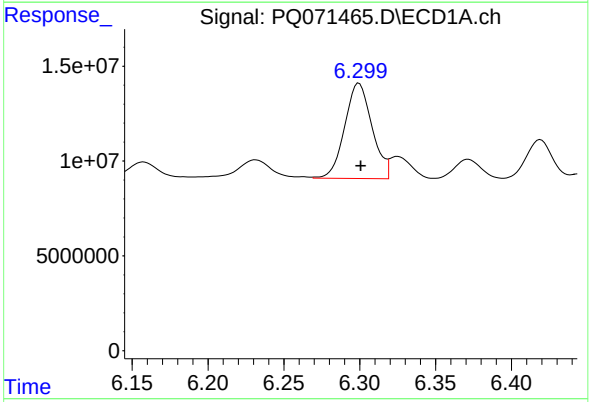
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 43279328
Conc: 96.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL3



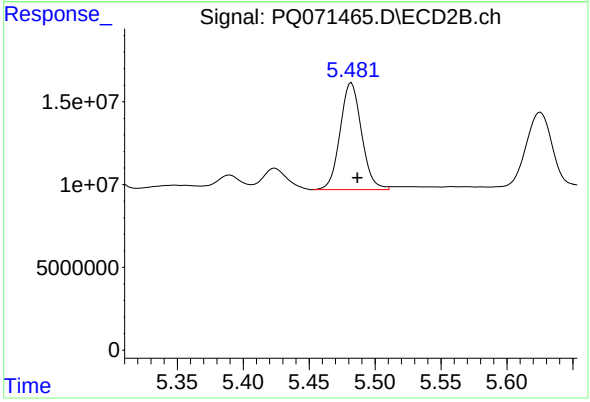
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 49411823
Conc: 99.04 ng/ml



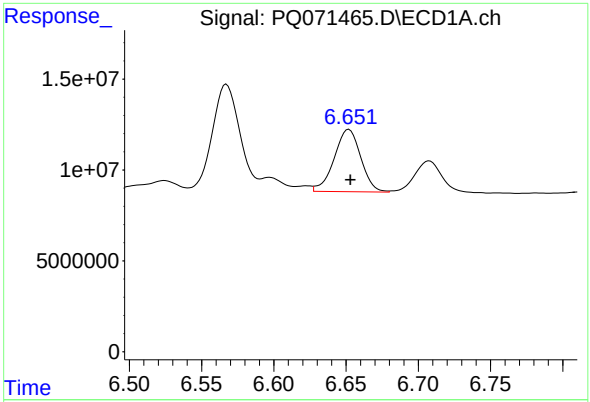
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 62972751
Conc: 123.26 ng/ml



#32 AR-1260-2

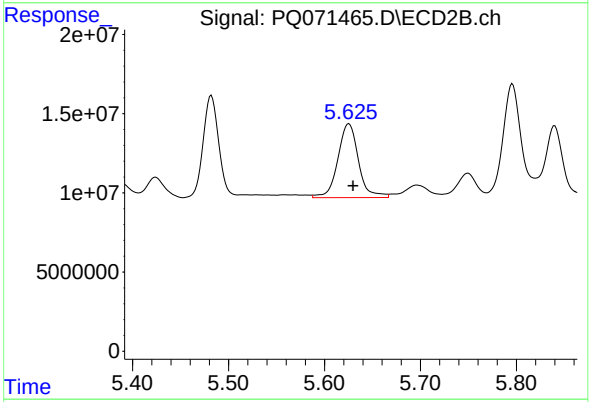
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 73094883
Conc: 120.54 ng/ml



#33 AR-1260-3

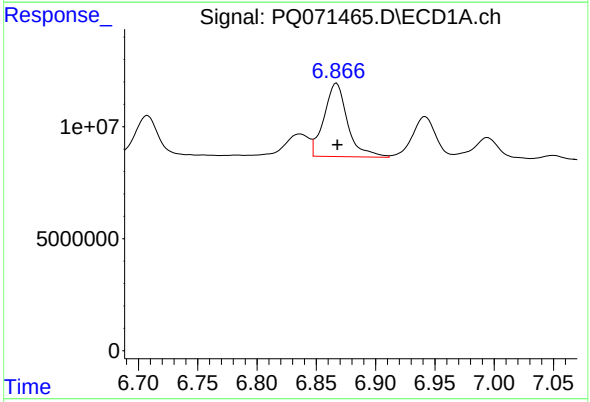
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 43803913
Conc: 114.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL3



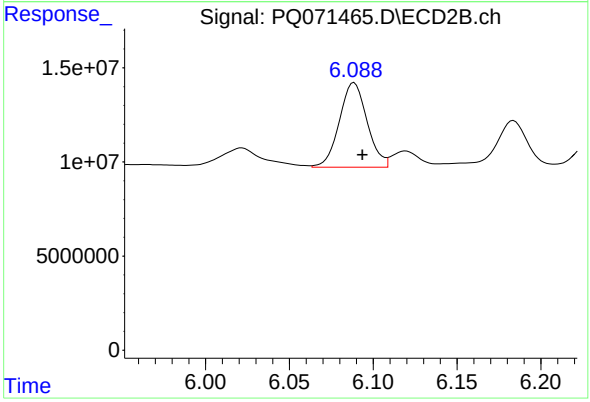
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 69762676
Conc: 118.00 ng/ml



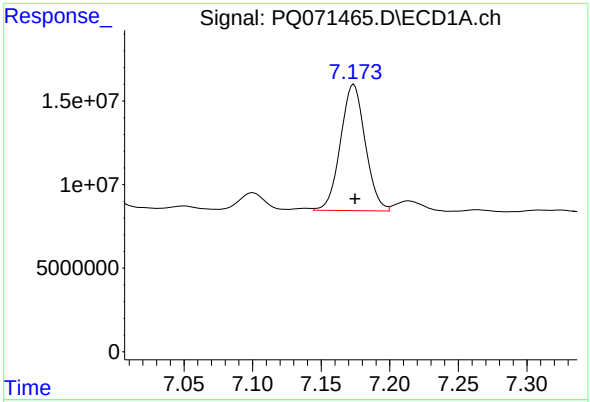
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 45270229
Conc: 108.26 ng/ml



#34 AR-1260-4

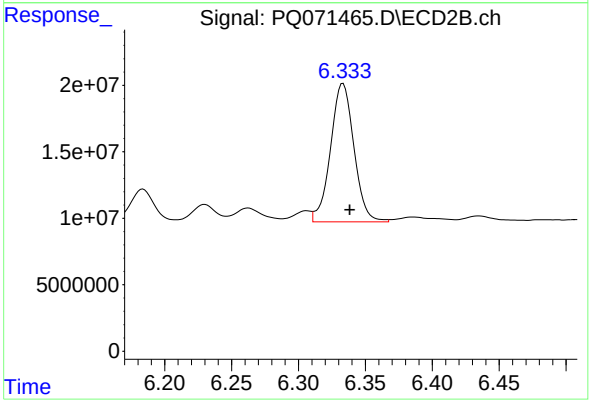
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 51961477
Conc: 104.89 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 94794219
Conc: 113.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AL3



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 126952644
Conc: 110.56 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:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AL4	SDG No.:	Q3693
Lab Sample ID:	Q3693-11	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.8
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.2	U	1	4.70	20.2	ug/kg	11/21/25 16:59	PB170682
11104-28-2	Aroclor-1221	20.2	U	1	4.80	20.2	ug/kg	11/21/25 16:59	PB170682
11141-16-5	Aroclor-1232	20.2	U	1	4.40	20.2	ug/kg	11/21/25 16:59	PB170682
53469-21-9	Aroclor-1242	20.2	U	1	4.80	20.2	ug/kg	11/21/25 16:59	PB170682
12672-29-6	Aroclor-1248	20.2	U	1	7.00	20.2	ug/kg	11/21/25 16:59	PB170682
11097-69-1	Aroclor-1254	20.2	U	1	3.80	20.2	ug/kg	11/21/25 16:59	PB170682
37324-23-5	Aroclor-1262	20.2	U	1	6.00	20.2	ug/kg	11/21/25 16:59	PB170682
11100-14-4	Aroclor-1268	20.2	U	1	4.30	20.2	ug/kg	11/21/25 16:59	PB170682
11096-82-5	Aroclor-1260	55.6		1	3.80	20.2	ug/kg	11/21/25 16:59	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.9			21 - 165	120%	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\PO112125\
Data File : PO115332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:59
Operator : YP/AJ
Sample : Q3693-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AL4

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:44:55 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	168.1E6	106.9E6	23.890	23.927	
2)	SA Decachlor...	9.918	8.631	72553696	63531721	16.414	16.274	
	Target Compounds							
31)	L7 AR-1260-1	7.063	6.197	28503937	29428632	93.262	99.385	
32)	L7 AR-1260-2	7.317	6.384	61364180	58790433	155.008	136.712	
33)	L7 AR-1260-3	7.675	6.538	51045682	33949275	153.836	96.680	#
34)	L7 AR-1260-4	7.896	7.008	47245730	35164375	154.894m	116.043	#
35)	L7 AR-1260-5	8.202	7.249	102.2E6	110.2E6	143.301	134.146	

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

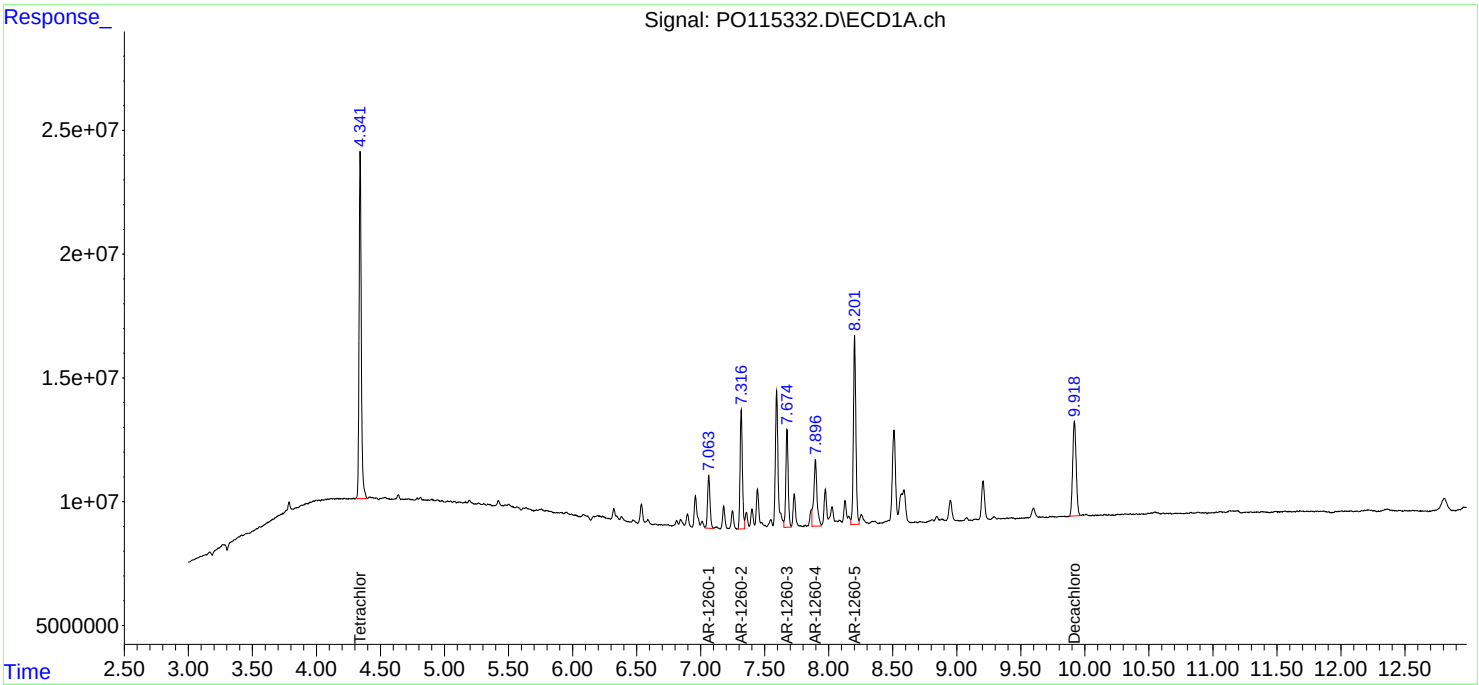
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:59
Operator : YP/AJ
Sample : Q3693-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

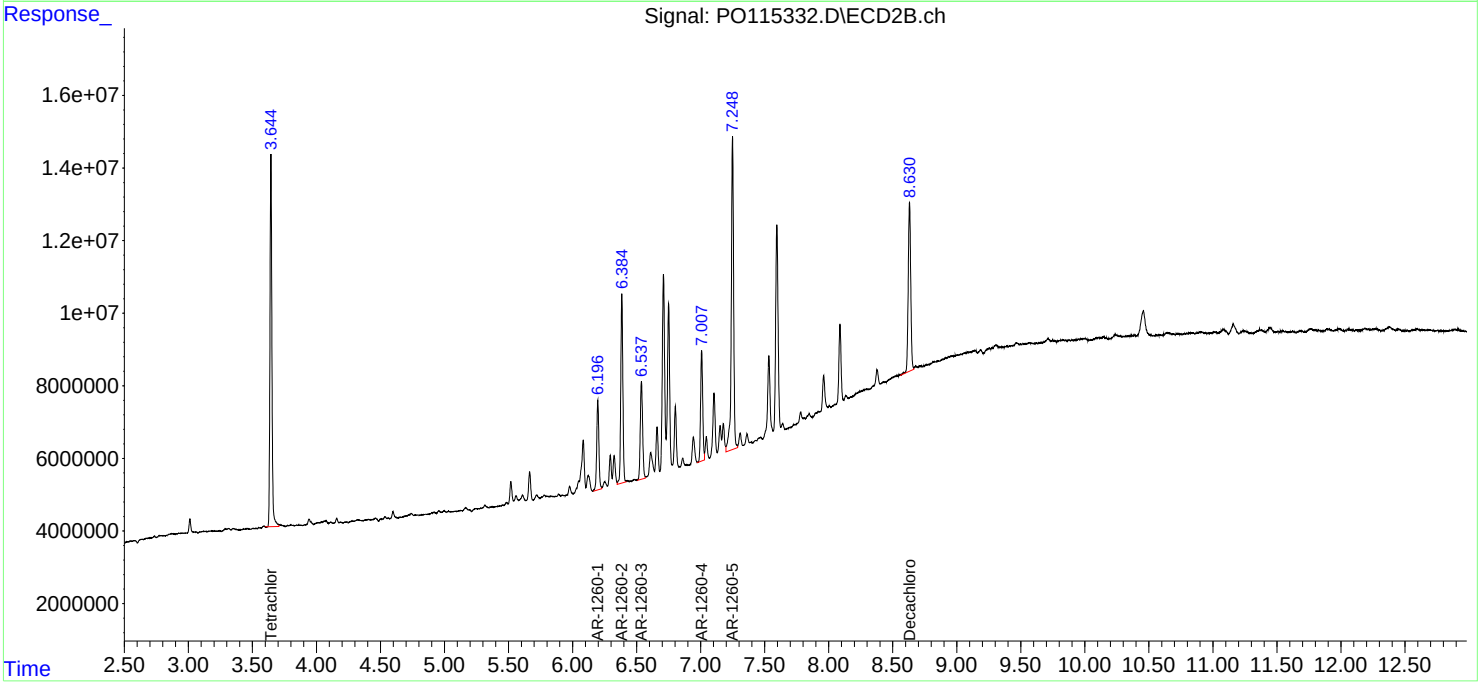
Instrument :
ECD_O
ClientSampleId :
C0AL4

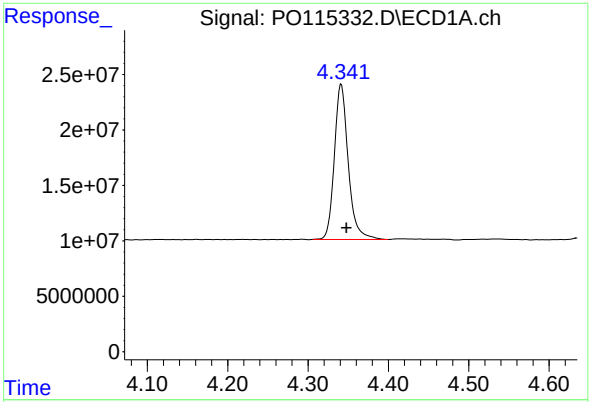
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:44:55 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







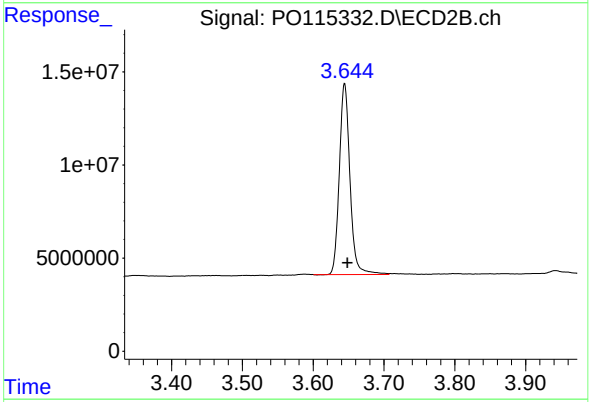
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 168143188
Conc: 23.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL4

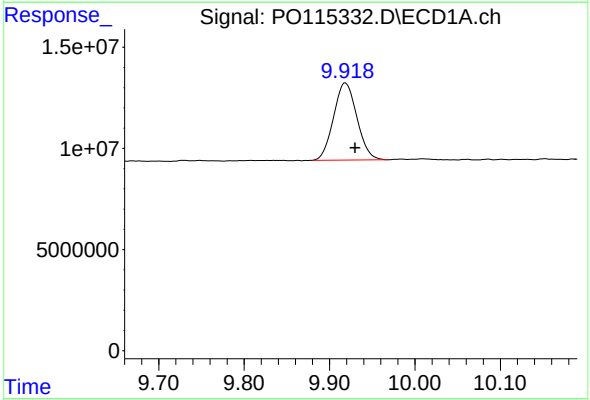
Manual Integrations APPROVED

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



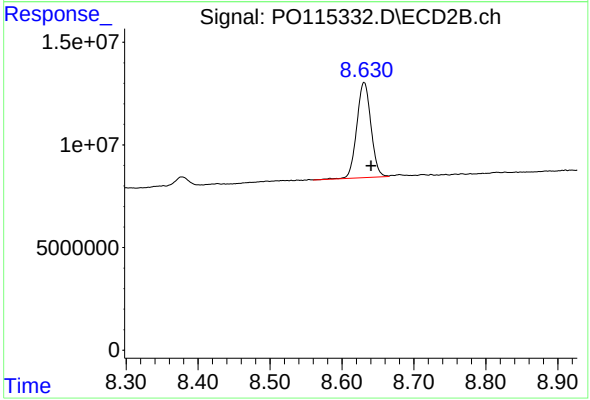
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 106875018
Conc: 23.93 ng/ml



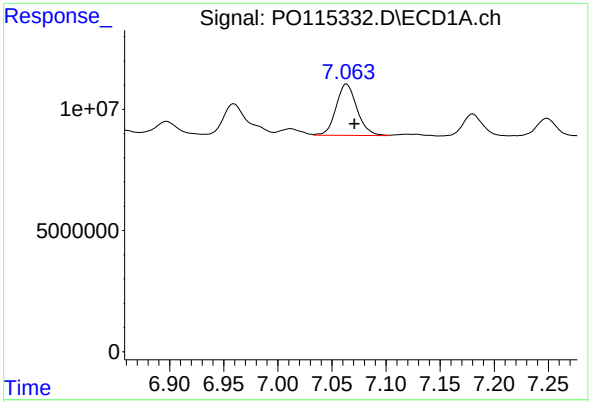
#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 72553696
Conc: 16.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.631 min
Delta R.T.: -0.010 min
Response: 63531721
Conc: 16.27 ng/ml



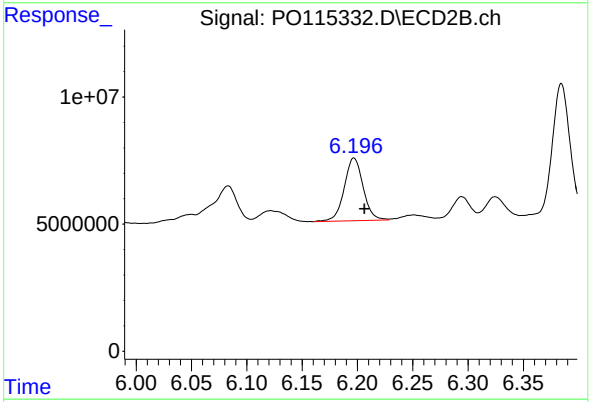
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 28503937
Conc: 93.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL4

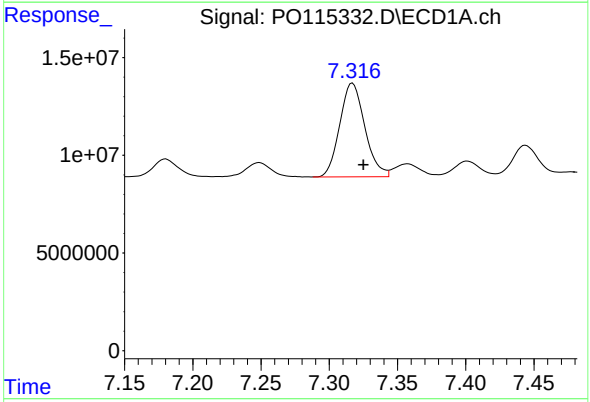
Manual Integrations APPROVED

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



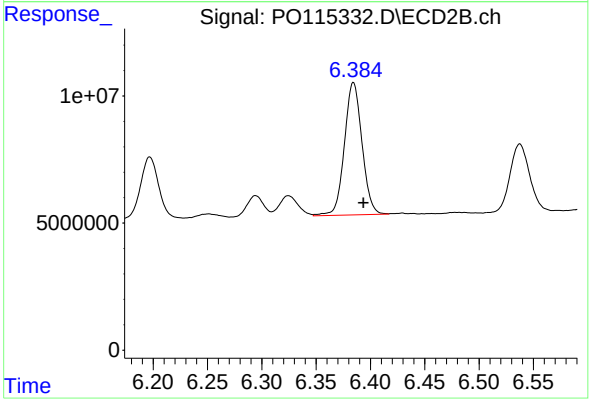
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 29428632
Conc: 99.38 ng/ml



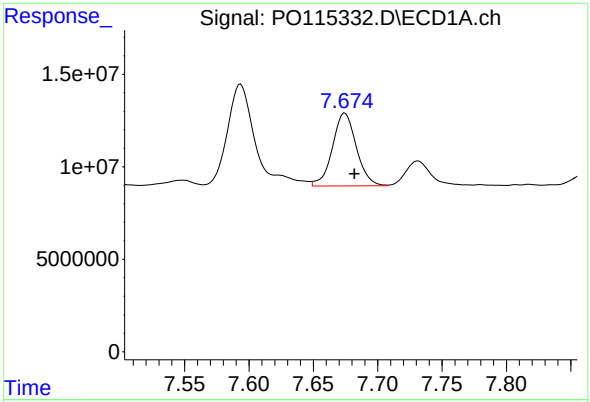
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 61364180
Conc: 155.01 ng/ml



#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 58790433
Conc: 136.71 ng/ml



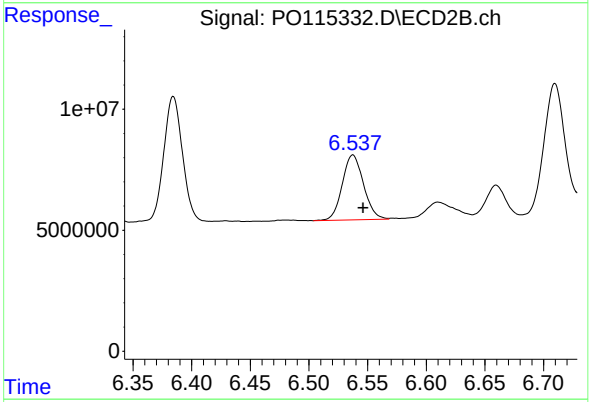
#33 AR-1260-3

R.T.: 7.675 min
Delta R.T.: -0.007 min
Response: 51045682
Conc: 153.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL4

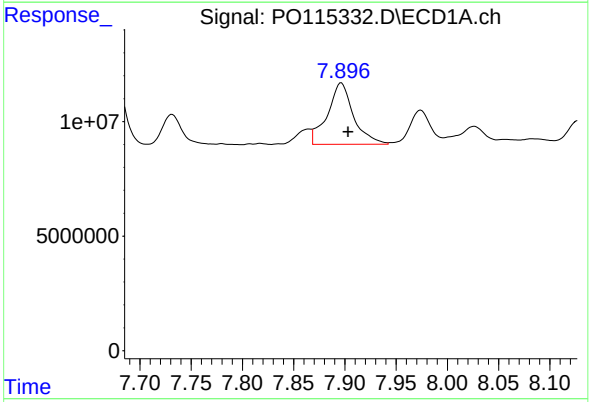
Manual Integrations APPROVED

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



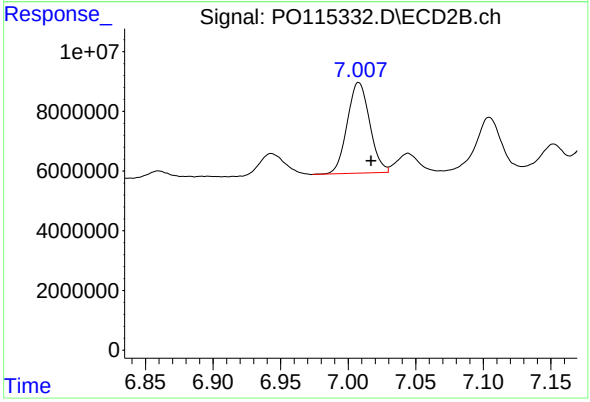
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 33949275
Conc: 96.68 ng/ml



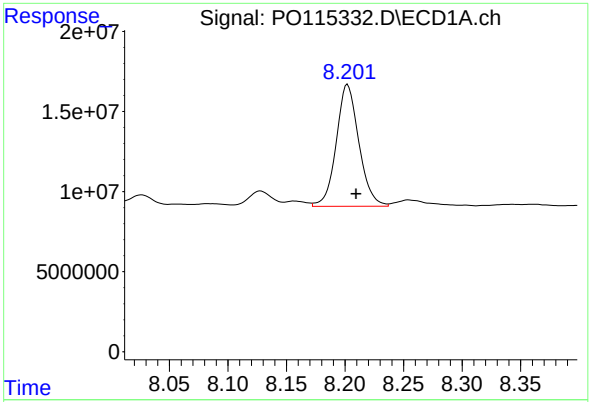
#34 AR-1260-4

R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 47245730
Conc: 154.89 ng/ml m



#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 35164375
Conc: 116.04 ng/ml



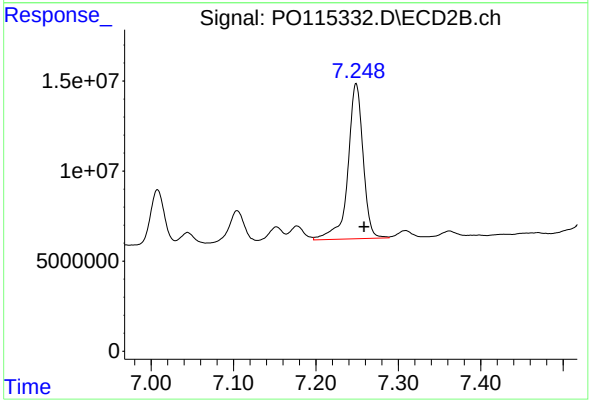
#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 102204852
Conc: 143.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL4

Manual Integrations APPROVED

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



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 110218356
Conc: 134.15 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AL5	SDG No.:	Q3693
Lab Sample ID:	Q3693-12	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.3
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.1	U	1	4.70	20.1	ug/kg	11/21/25 17:18	PB170682
11104-28-2	Aroclor-1221	20.1	U	1	4.80	20.1	ug/kg	11/21/25 17:18	PB170682
11141-16-5	Aroclor-1232	20.1	U	1	4.40	20.1	ug/kg	11/21/25 17:18	PB170682
53469-21-9	Aroclor-1242	20.1	U	1	4.70	20.1	ug/kg	11/21/25 17:18	PB170682
12672-29-6	Aroclor-1248	20.1	U	1	7.00	20.1	ug/kg	11/21/25 17:18	PB170682
11097-69-1	Aroclor-1254	20.1	U	1	3.80	20.1	ug/kg	11/21/25 17:18	PB170682
37324-23-5	Aroclor-1262	20.1	U	1	5.90	20.1	ug/kg	11/21/25 17:18	PB170682
11100-14-4	Aroclor-1268	20.1	U	1	4.30	20.1	ug/kg	11/21/25 17:18	PB170682
11096-82-5	Aroclor-1260	19.2	J	1	3.80	20.1	ug/kg	11/21/25 17:18	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.6			21 - 165	118%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.0			10 - 170	95%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:18
Operator : YP/AJ
Sample : Q3693-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AL5

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:45:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.341	3.644	166.0E6	105.5E6	23.592	23.616
2)	SA Decachlor...	9.919	8.630	83265565	74112191	18.837	18.985
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.197	8883254	9691377	29.065	32.729
32)	L7 AR-1260-2	7.317	6.384	19119436	20858040	48.296	48.504
33)	L7 AR-1260-3	7.674	6.537	17670720	11619475	53.254	33.090 #
34)	L7 AR-1260-4	7.894	7.008	18408130	12249187	60.351m	40.423 #
35)	L7 AR-1260-5	8.202	7.248	37027475	40607509	51.916	49.423

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

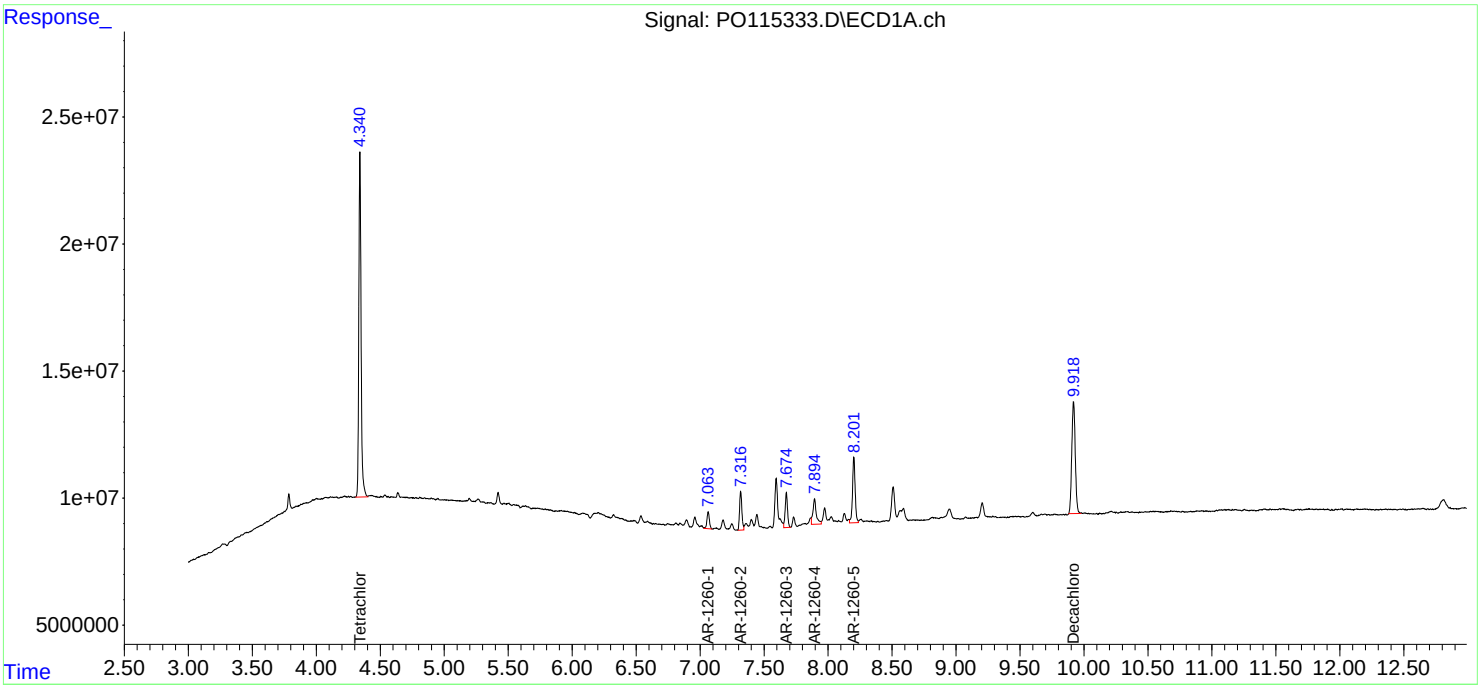
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:18
Operator : YP/AJ
Sample : Q3693-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

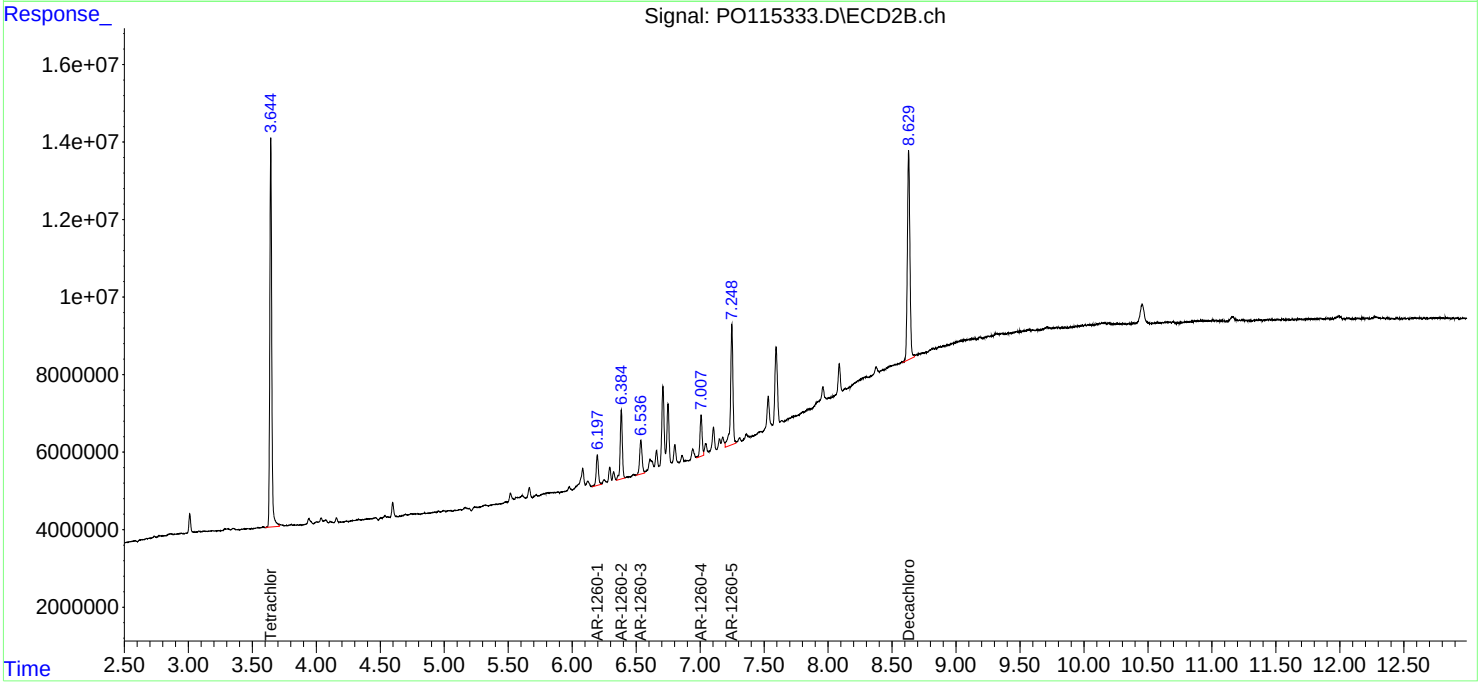
Instrument :
ECD_O
ClientSampleId :
C0AL5

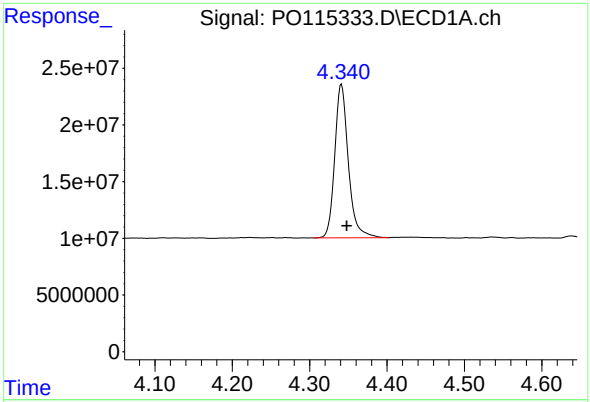
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:45:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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







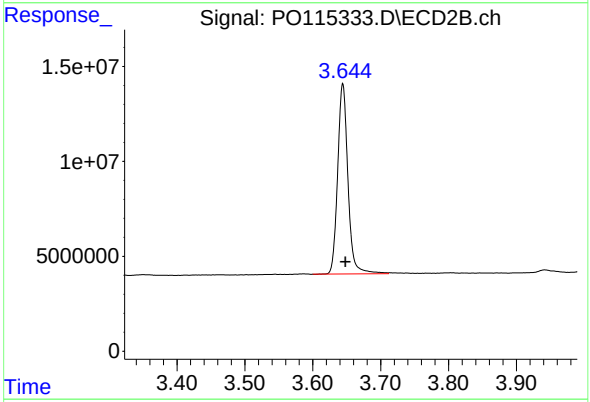
#1 Tetrachloro-m-xylene

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 166046870
Conc: 23.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL5

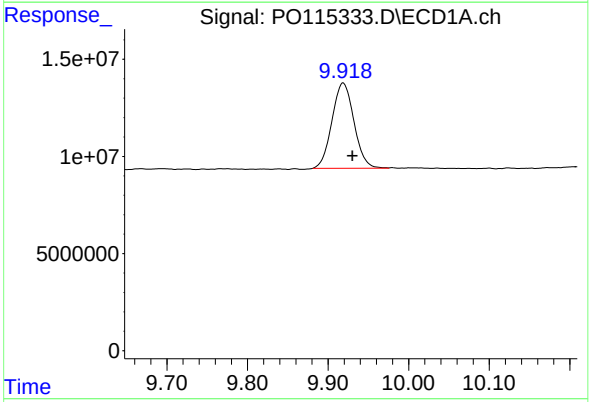
Manual Integrations APPROVED

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



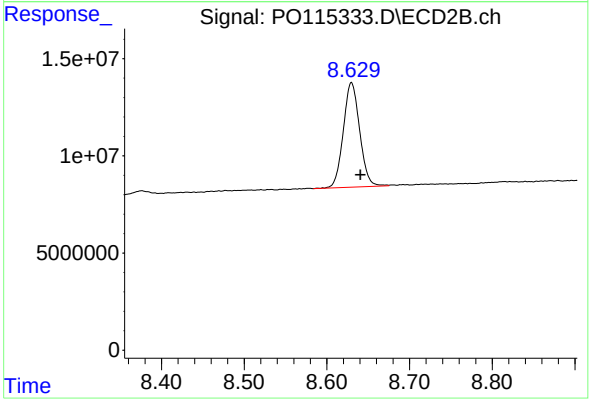
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 105485997
Conc: 23.62 ng/ml



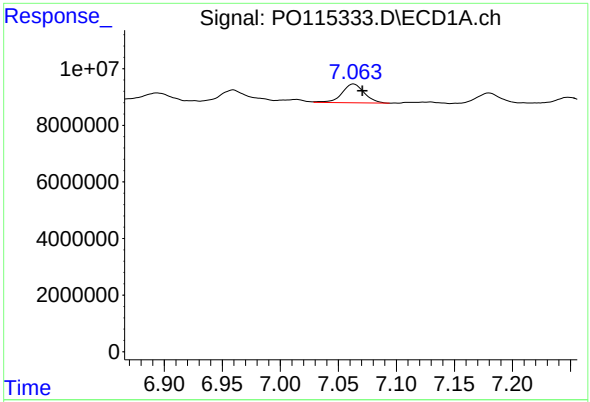
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 83265565
Conc: 18.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 74112191
Conc: 18.98 ng/ml



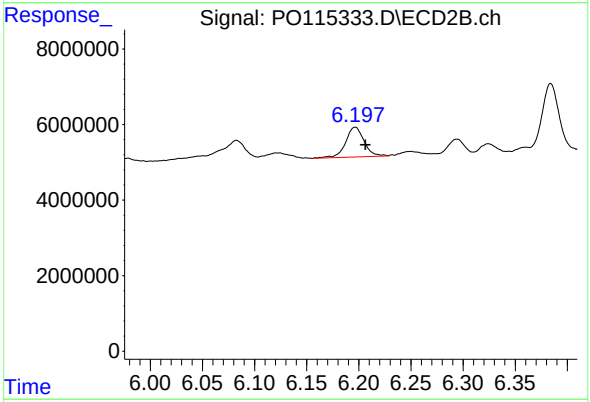
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 8883254
Conc: 29.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL5

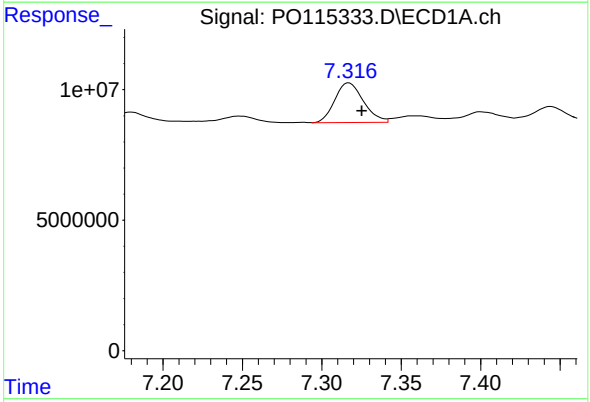
Manual Integrations APPROVED

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



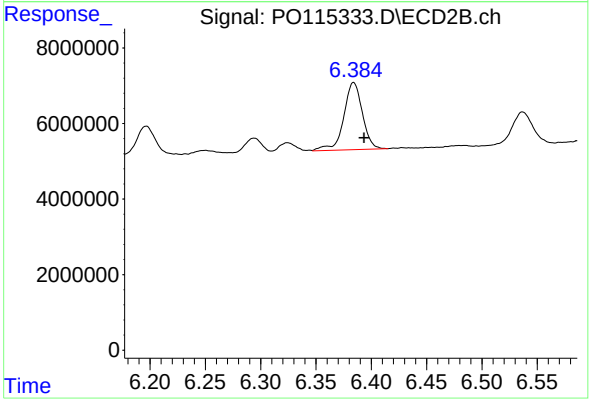
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 9691377
Conc: 32.73 ng/ml



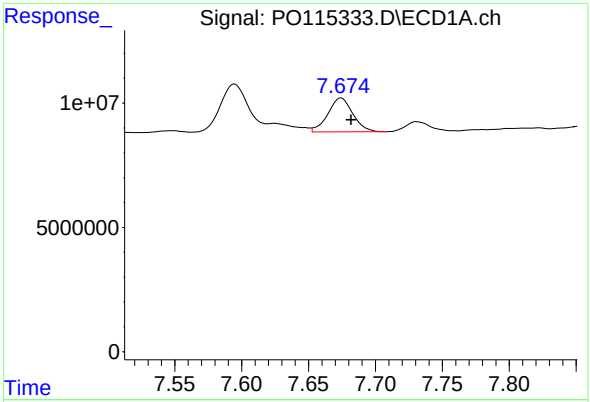
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 19119436
Conc: 48.30 ng/ml



#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 20858040
Conc: 48.50 ng/ml



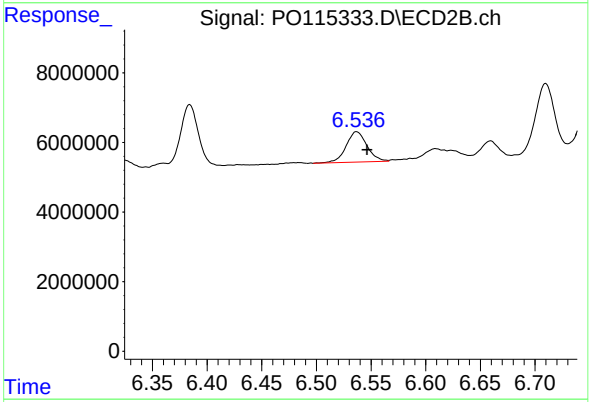
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.007 min
Response: 17670720
Conc: 53.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL5

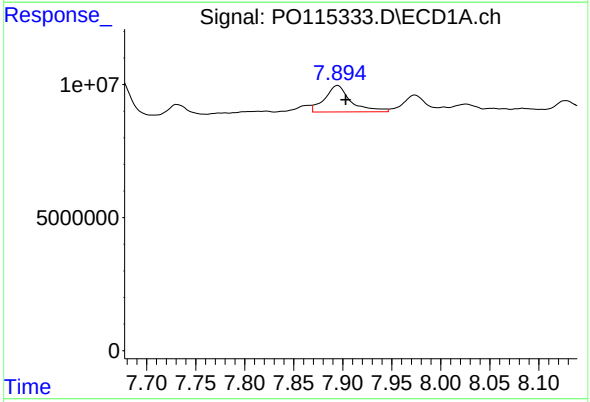
Manual Integrations APPROVED

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



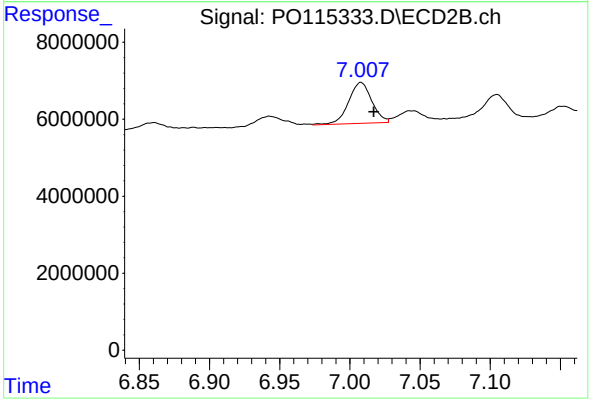
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 11619475
Conc: 33.09 ng/ml



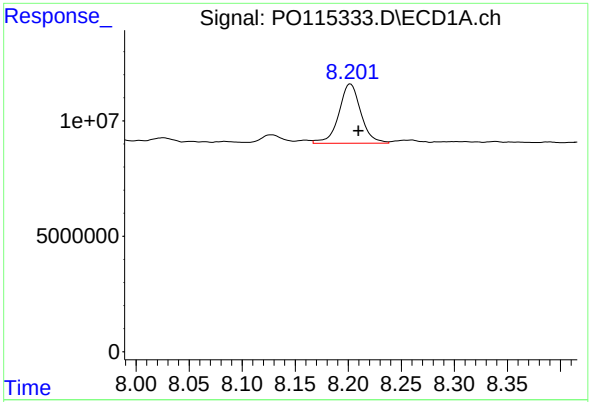
#34 AR-1260-4

R.T.: 7.894 min
Delta R.T.: -0.009 min
Response: 18408130
Conc: 60.35 ng/ml m



#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 12249187
Conc: 40.42 ng/ml



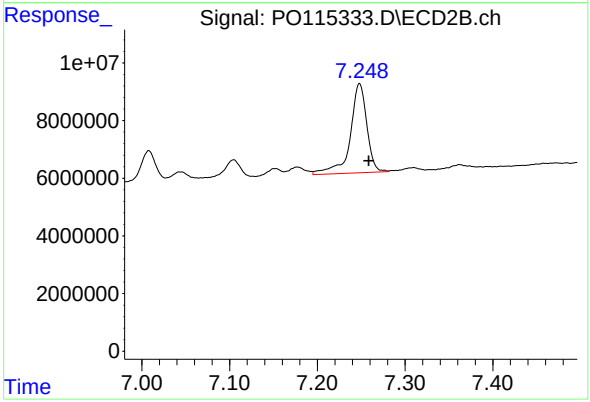
#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 37027475
Conc: 51.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL5

Manual Integrations APPROVED

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



#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 40607509
Conc: 49.42 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AL6	SDG No.:	Q3693
Lab Sample ID:	Q3693-13	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.9
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.7	U	1	4.80	20.7	ug/kg	11/21/25 17:36	PB170682
11104-28-2	Aroclor-1221	20.7	U	1	4.90	20.7	ug/kg	11/21/25 17:36	PB170682
11141-16-5	Aroclor-1232	20.7	U	1	4.50	20.7	ug/kg	11/21/25 17:36	PB170682
53469-21-9	Aroclor-1242	20.7	U	1	4.90	20.7	ug/kg	11/21/25 17:36	PB170682
12672-29-6	Aroclor-1248	20.7	U	1	7.20	20.7	ug/kg	11/21/25 17:36	PB170682
11097-69-1	Aroclor-1254	20.7	U	1	3.90	20.7	ug/kg	11/21/25 17:36	PB170682
37324-23-5	Aroclor-1262	20.7	U	1	6.10	20.7	ug/kg	11/21/25 17:36	PB170682
11100-14-4	Aroclor-1268	20.7	U	1	4.40	20.7	ug/kg	11/21/25 17:36	PB170682
11096-82-5	Aroclor-1260	26.9		1	3.90	20.7	ug/kg	11/21/25 17:36	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.4			21 - 165	117%	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\PO112125\
Data File : PO115334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:36
Operator : YP/AJ
Sample : Q3693-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AL6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.341	3.644	164.7E6	104.7E6	23.403	23.434
2)	SA Decachlor...	9.919	8.630	62433619	55437546	14.124	14.201
	Target Compounds						
31)	L7 AR-1260-1	7.063	6.197	15157575	16057334	49.594	54.228
32)	L7 AR-1260-2	7.317	6.385	28732041	29773198	72.578	69.235
33)	L7 AR-1260-3	7.674	6.537	20946951	17022617	63.128	48.477
34)	L7 AR-1260-4	7.893	7.007	27097905	14983670	88.840	49.446 #
35)	L7 AR-1260-5	8.202	7.249	40642515	46460286	56.985	56.547

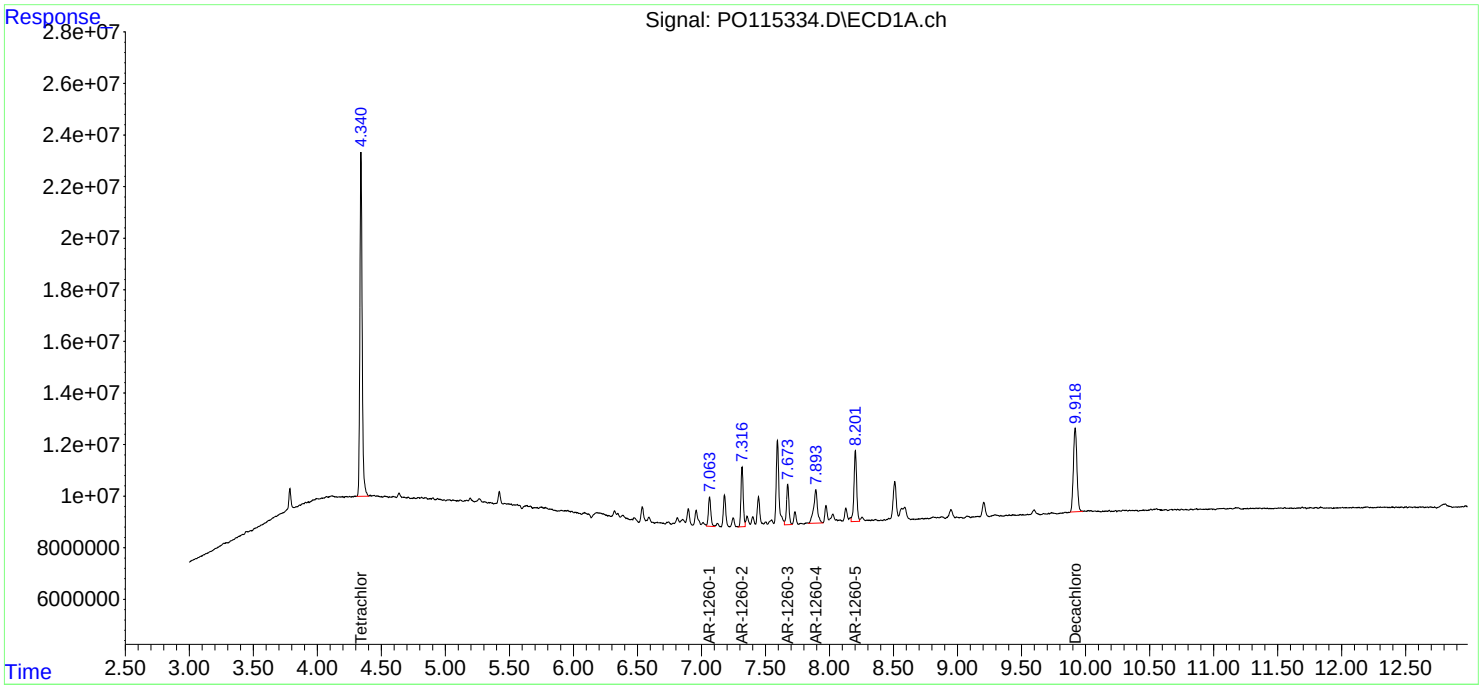
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

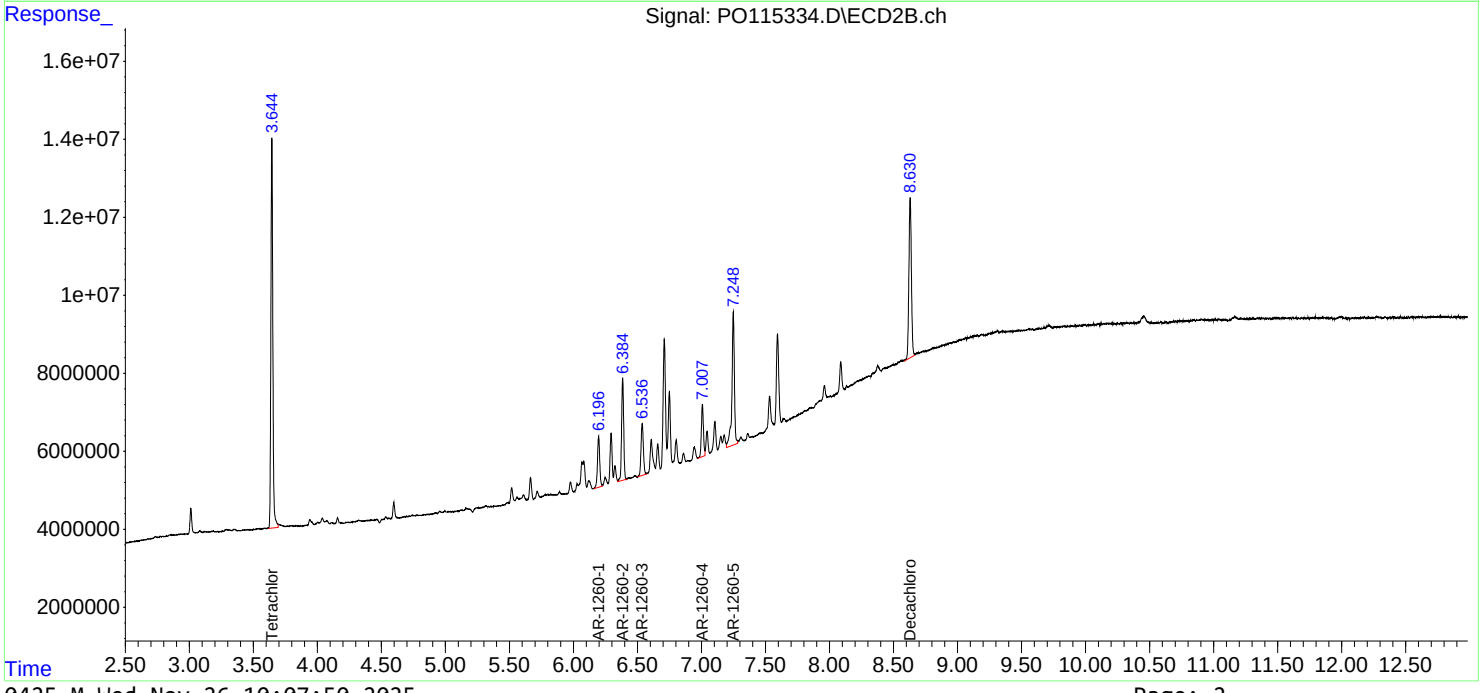
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:36
Operator : YP/AJ
Sample : Q3693-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

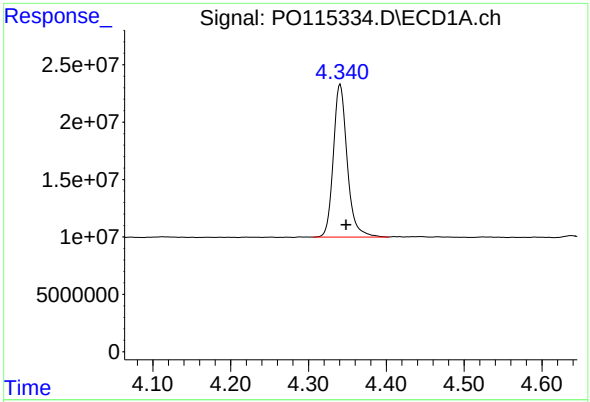
Instrument :
ECD_O
ClientSampleId :
C0AL6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 10:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



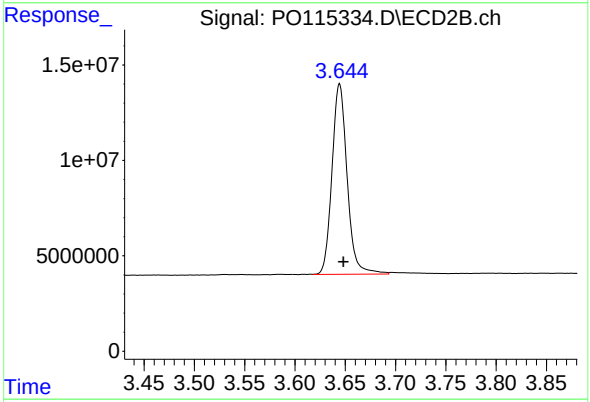




#1 Tetrachloro-m-xylene

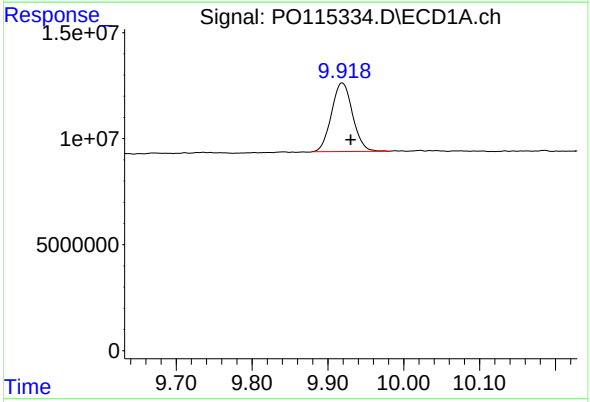
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 164710560
Conc: 23.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL6



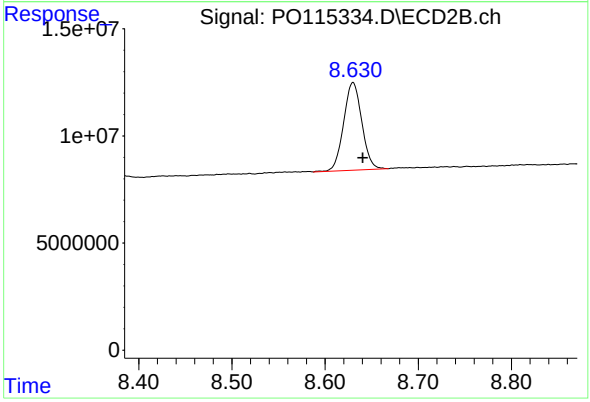
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 104673970
Conc: 23.43 ng/ml



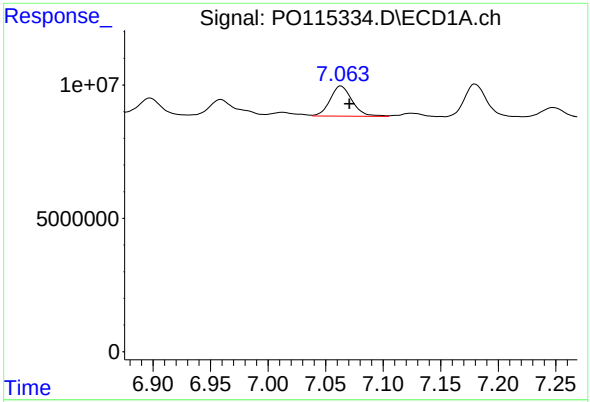
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 62433619
Conc: 14.12 ng/ml



#2 Decachlorobiphenyl

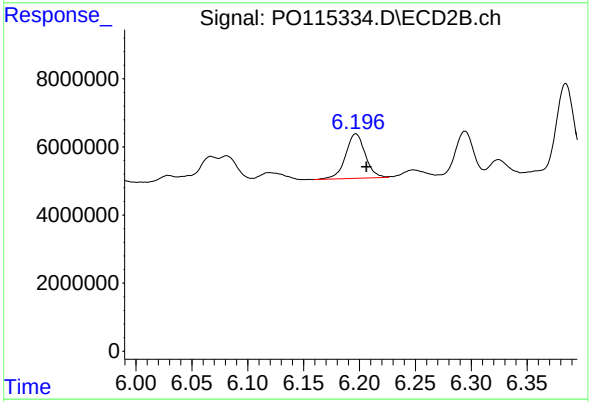
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 55437546
Conc: 14.20 ng/ml



#31 AR-1260-1

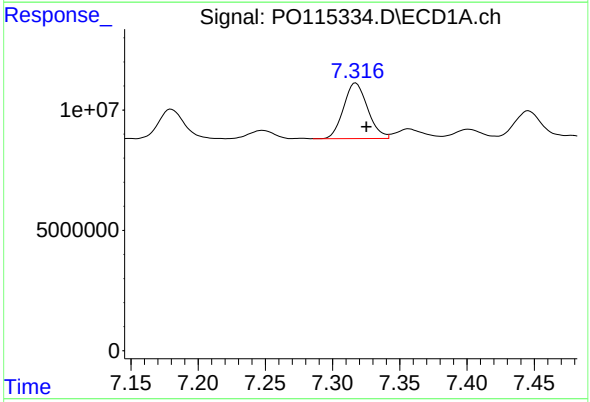
R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 15157575
Conc: 49.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL6



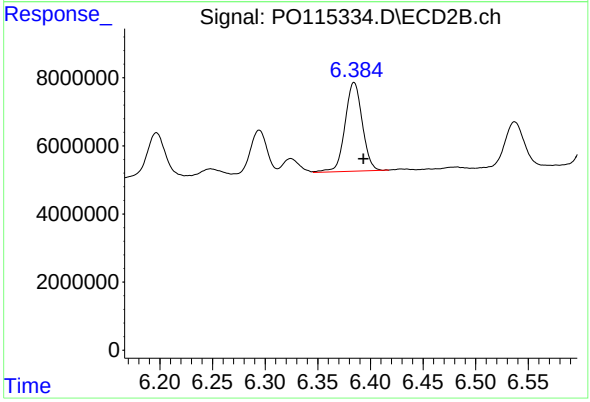
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 16057334
Conc: 54.23 ng/ml



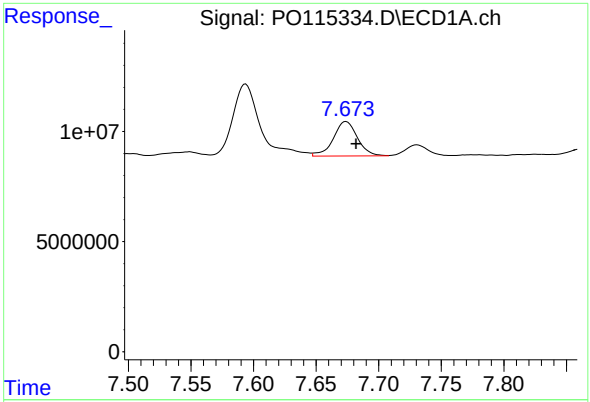
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 28732041
Conc: 72.58 ng/ml



#32 AR-1260-2

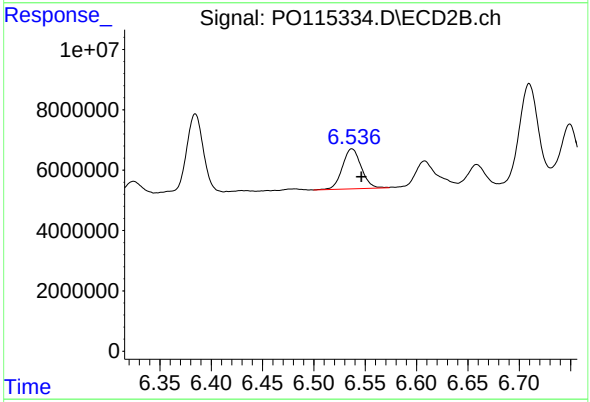
R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 29773198
Conc: 69.23 ng/ml



#33 AR-1260-3

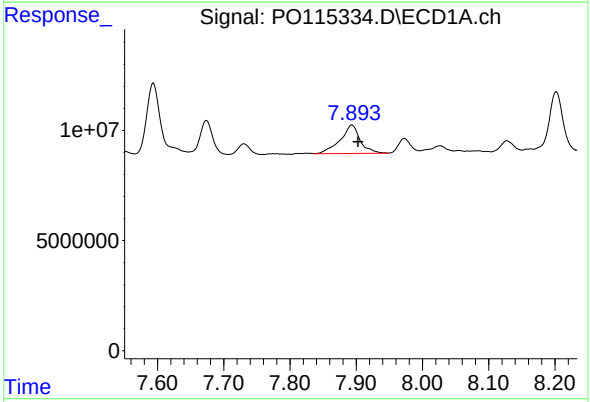
R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 20946951
Conc: 63.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL6



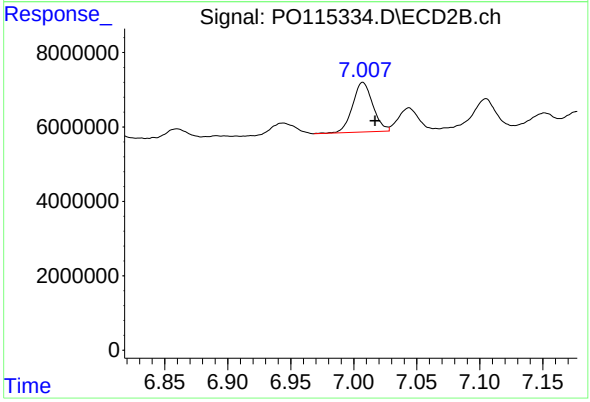
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 17022617
Conc: 48.48 ng/ml



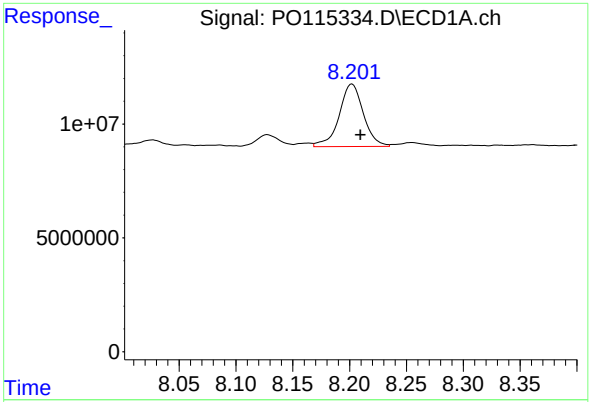
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.010 min
Response: 27097905
Conc: 88.84 ng/ml



#34 AR-1260-4

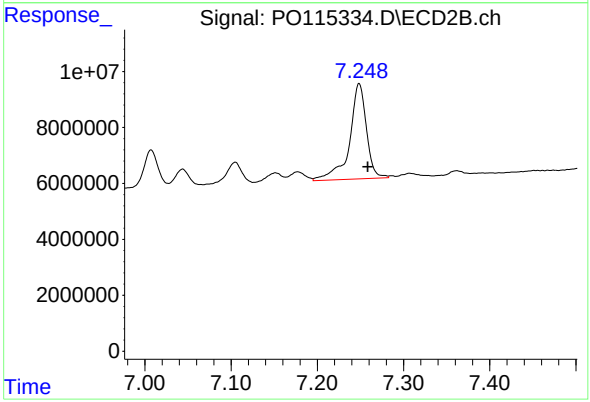
R.T.: 7.007 min
Delta R.T.: -0.010 min
Response: 14983670
Conc: 49.45 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 40642515
Conc: 56.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL6



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.010 min
Response: 46460286
Conc: 56.55 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AL7	SDG No.:	Q3693
Lab Sample ID:	Q3693-14	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.3
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21.1	U	1	4.90	21.1	ug/kg	11/21/25 17:54	PB170682
11104-28-2	Aroclor-1221	21.1	U	1	5.00	21.1	ug/kg	11/21/25 17:54	PB170682
11141-16-5	Aroclor-1232	21.1	U	1	4.60	21.1	ug/kg	11/21/25 17:54	PB170682
53469-21-9	Aroclor-1242	21.1	U	1	5.00	21.1	ug/kg	11/21/25 17:54	PB170682
12672-29-6	Aroclor-1248	21.1	U	1	7.40	21.1	ug/kg	11/21/25 17:54	PB170682
11097-69-1	Aroclor-1254	21.4		1	4.00	21.1	ug/kg	11/21/25 17:54	PB170682
37324-23-5	Aroclor-1262	21.1	U	1	6.20	21.1	ug/kg	11/21/25 17:54	PB170682
11100-14-4	Aroclor-1268	21.1	U	1	4.50	21.1	ug/kg	11/21/25 17:54	PB170682
11096-82-5	Aroclor-1260	21.1	U	1	4.00	21.1	ug/kg	11/21/25 17:54	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.3			21 - 165	111%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.2			10 - 170	91%	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 : PO115335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:54
Operator : YP/AJ
Sample : Q3693-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
C0AL7

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.341	3.644	156.5E6	99462538	22.237	22.267
2)	SA Decachlor...	9.920	8.630	80386845	70930732	18.186	18.170
	Target Compounds						
26)	L6 AR-1254-1	6.323	5.518	9876106	10416759	38.970	34.702
27)	L6 AR-1254-2	6.538	5.665	11349778	11682236	30.638	43.331 #
28)	L6 AR-1254-3	6.897	6.066	18381910	19675158	47.762	46.597
29)	L6 AR-1254-4	7.180	6.294	17689355	15120338	53.813	50.843
30)	L6 AR-1254-5	7.595	6.710	26203125	24655995	86.807	62.024 #

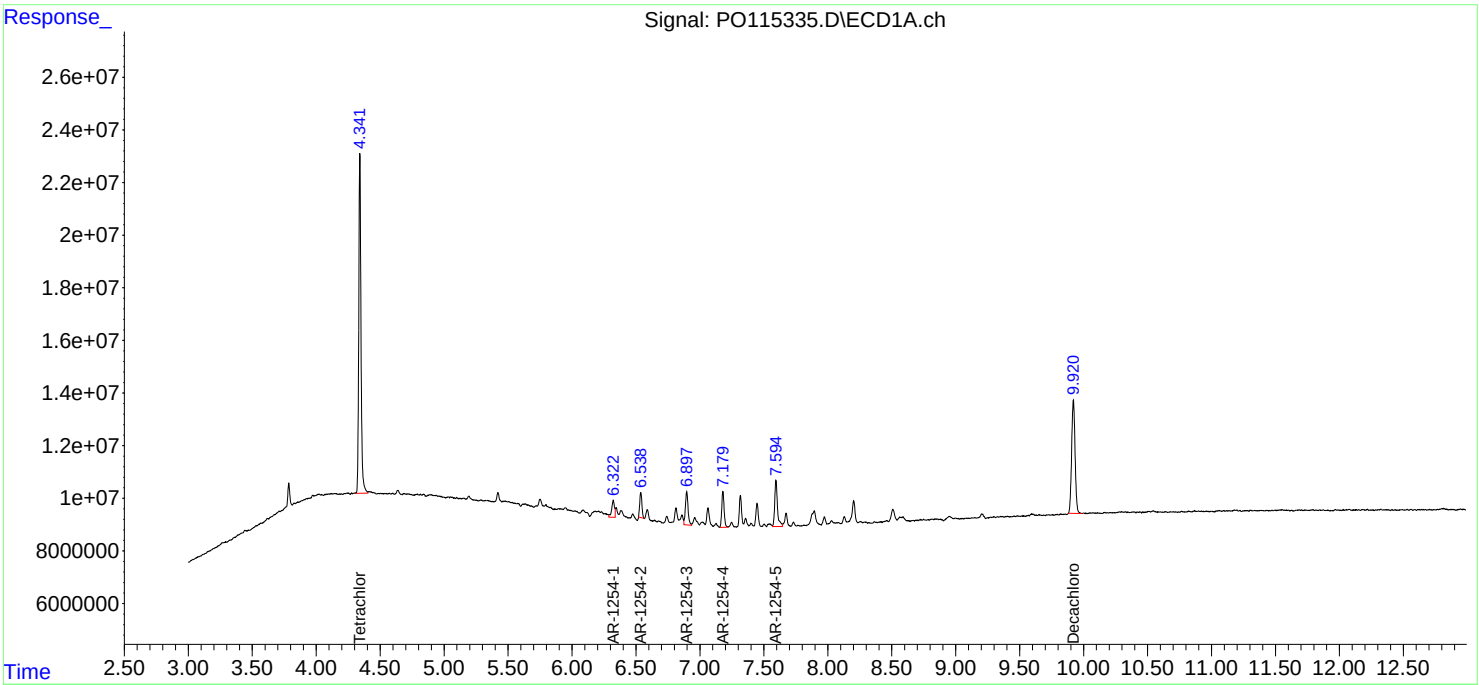
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

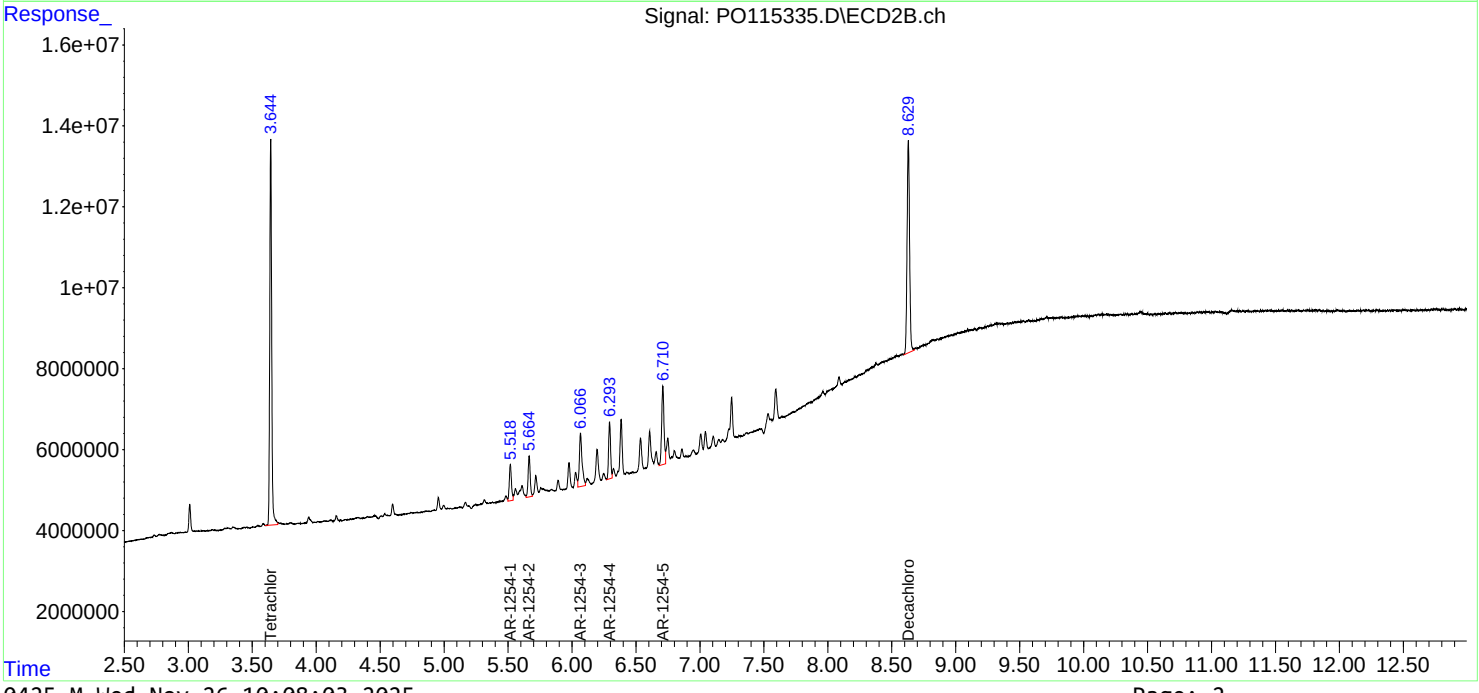
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:54
Operator : YP/AJ
Sample : Q3693-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

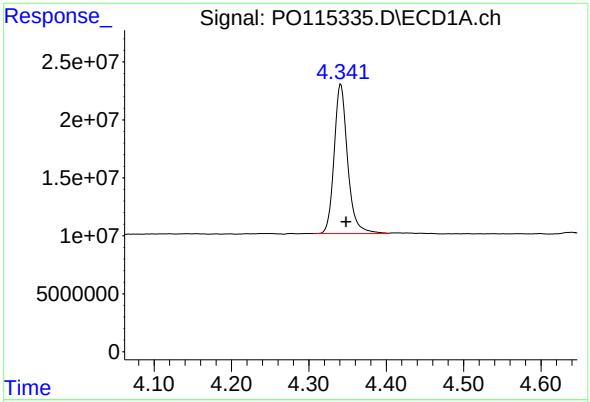
Instrument :
ECD_O
ClientSampleId :
C0AL7

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

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



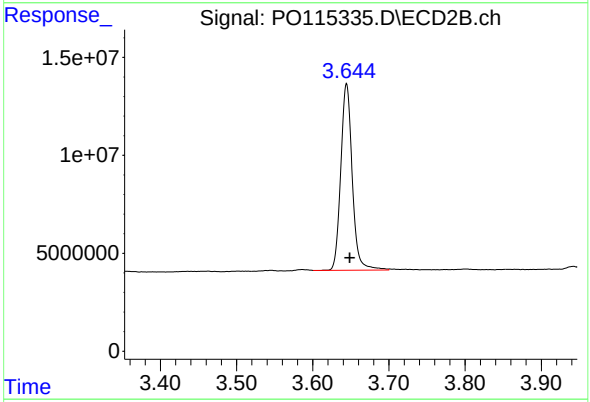




#1 Tetrachloro-m-xylene

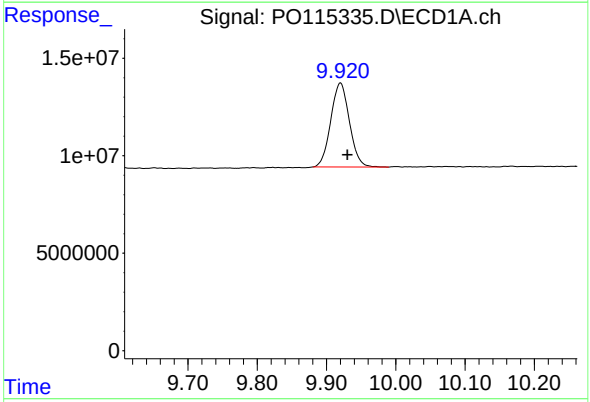
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 156505786
Conc: 22.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL7



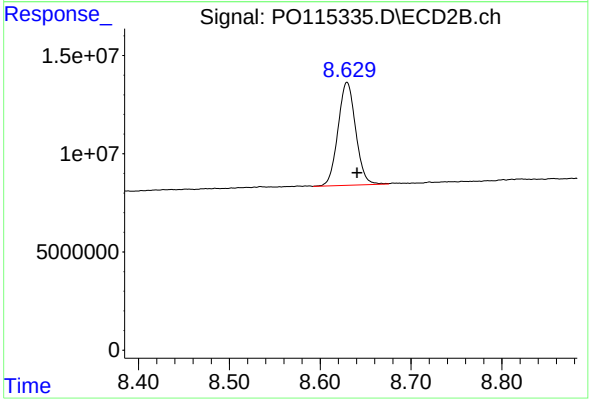
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 99462538
Conc: 22.27 ng/ml



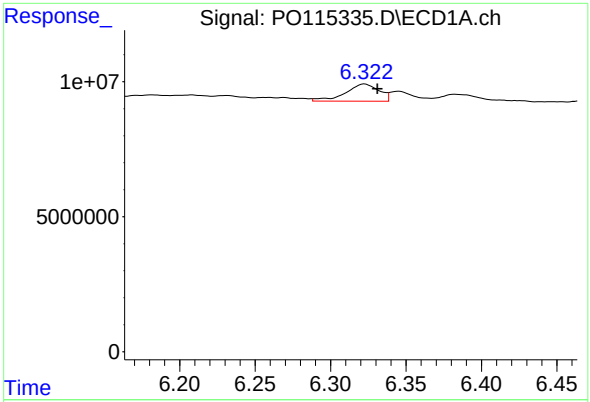
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 80386845
Conc: 18.19 ng/ml



#2 Decachlorobiphenyl

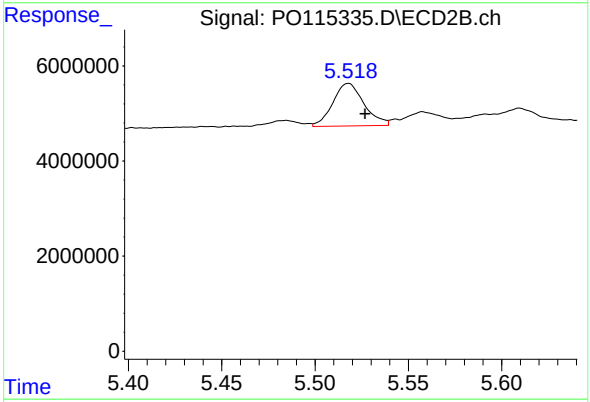
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 70930732
Conc: 18.17 ng/ml



#26 AR-1254-1

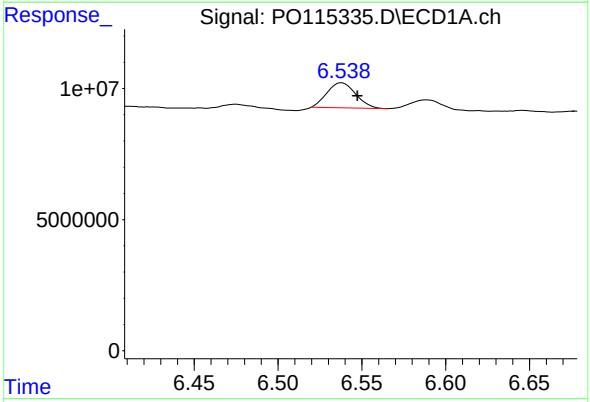
R.T.: 6.323 min
Delta R.T.: -0.008 min
Response: 9876106
Conc: 38.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL7



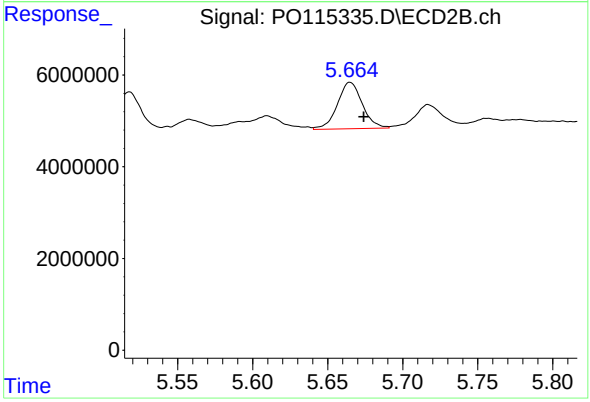
#26 AR-1254-1

R.T.: 5.518 min
Delta R.T.: -0.009 min
Response: 10416759
Conc: 34.70 ng/ml



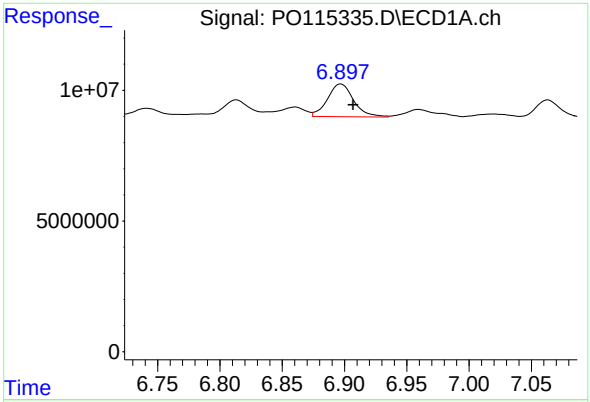
#27 AR-1254-2

R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 11349778
Conc: 30.64 ng/ml



#27 AR-1254-2

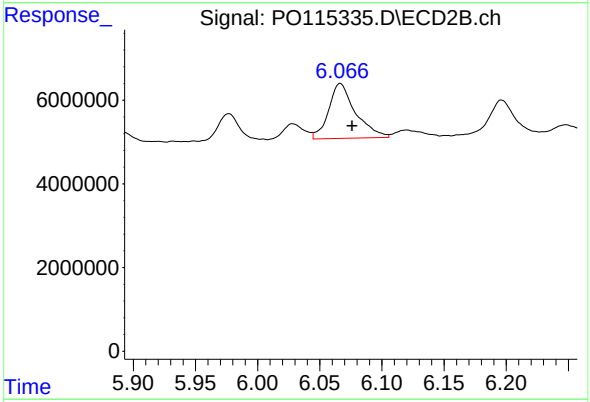
R.T.: 5.665 min
Delta R.T.: -0.009 min
Response: 11682236
Conc: 43.33 ng/ml



#28 AR-1254-3

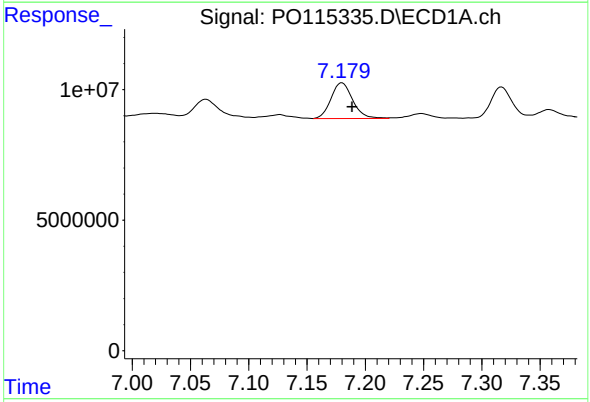
R.T.: 6.897 min
Delta R.T.: -0.010 min
Response: 18381910
Conc: 47.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL7



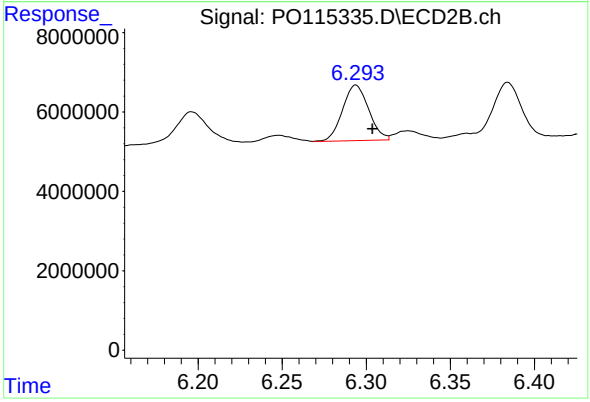
#28 AR-1254-3

R.T.: 6.066 min
Delta R.T.: -0.009 min
Response: 19675158
Conc: 46.60 ng/ml



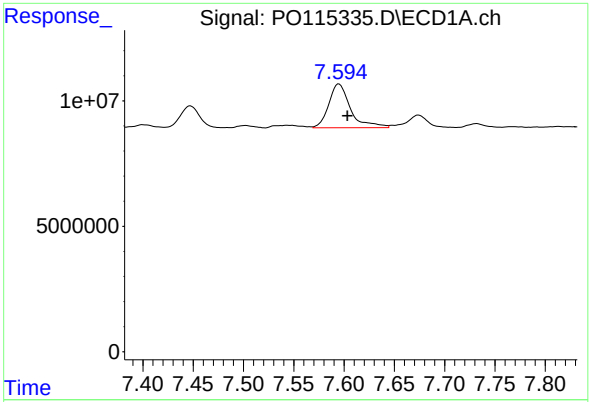
#29 AR-1254-4

R.T.: 7.180 min
Delta R.T.: -0.009 min
Response: 17689355
Conc: 53.81 ng/ml



#29 AR-1254-4

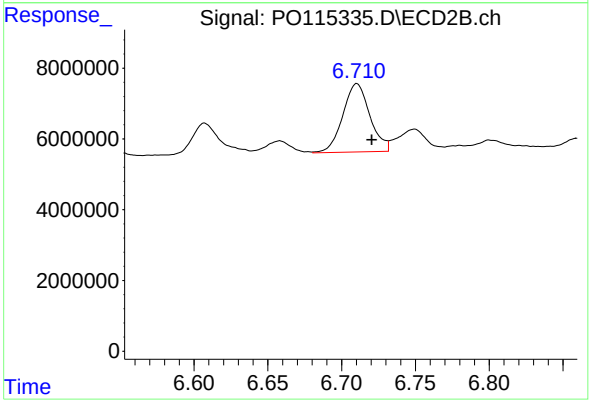
R.T.: 6.294 min
Delta R.T.: -0.010 min
Response: 15120338
Conc: 50.84 ng/ml



#30 AR-1254-5

R.T.: 7.595 min
Delta R.T.: -0.009 min
Response: 26203125
Conc: 86.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AL7



#30 AR-1254-5

R.T.: 6.710 min
Delta R.T.: -0.010 min
Response: 24655995
Conc: 62.02 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.:** Q3693

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.:** Q3693

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.: Q3693
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.: Q3693
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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Fax : 908 789 8922

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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

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

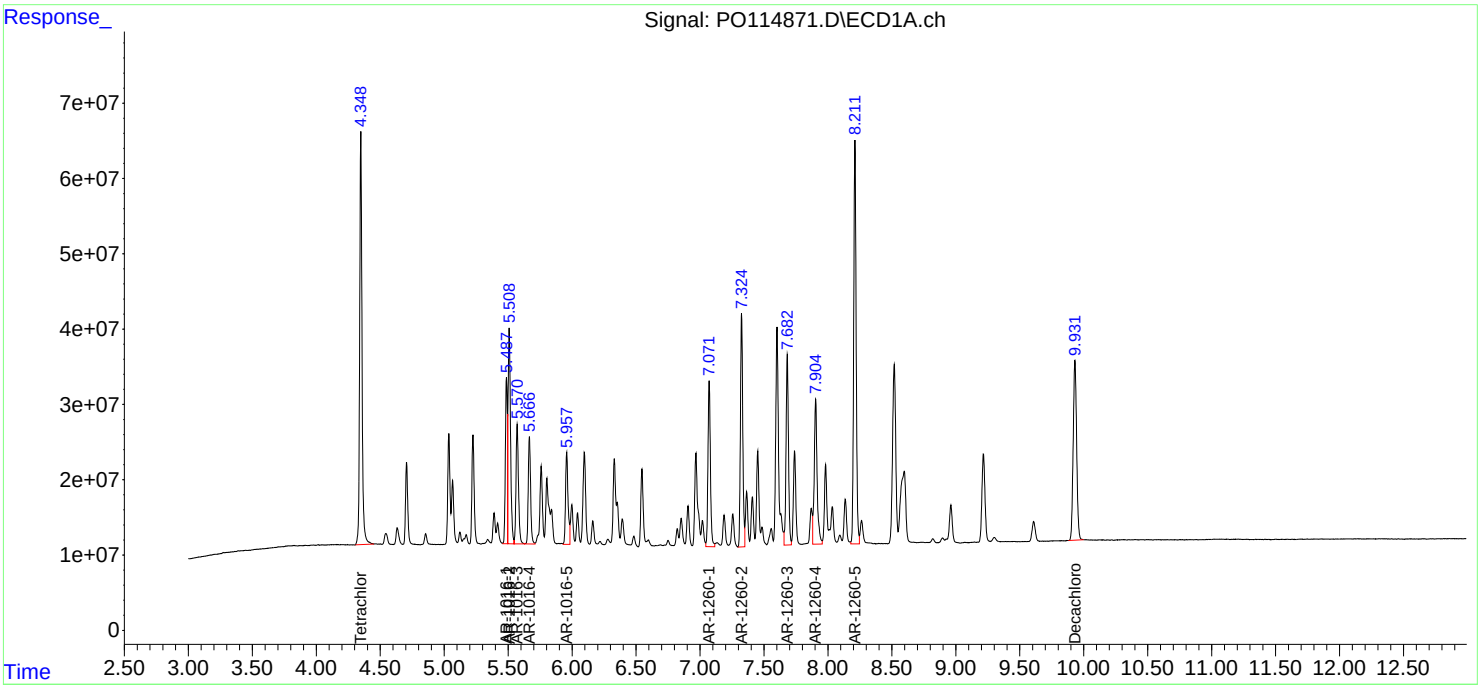
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

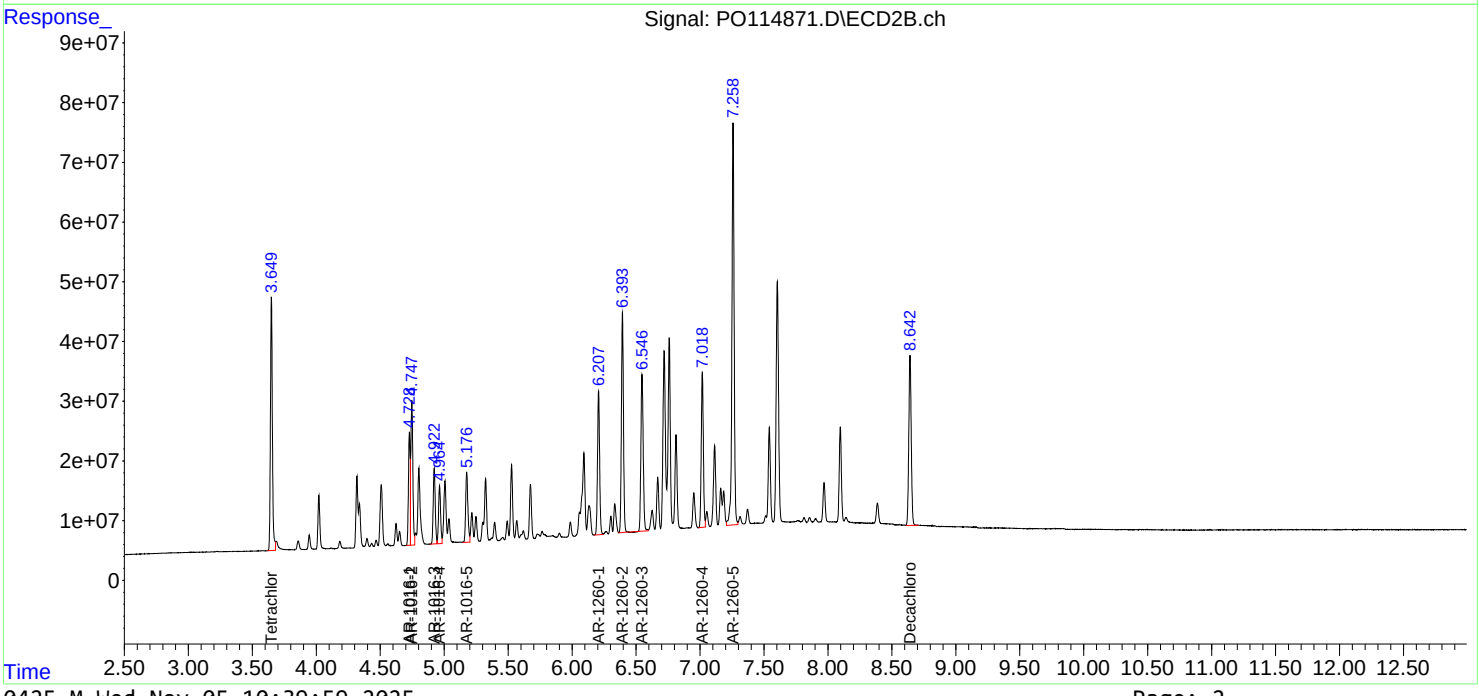
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:39
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

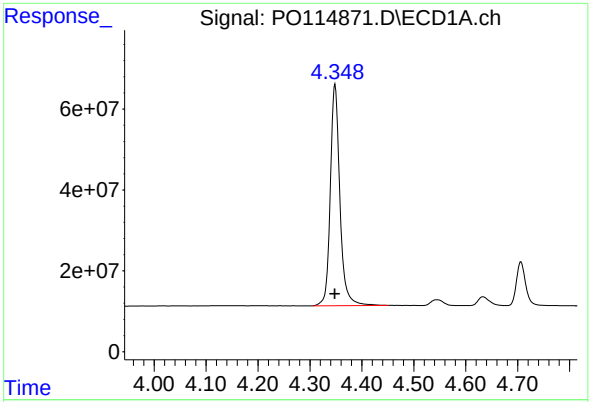
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

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



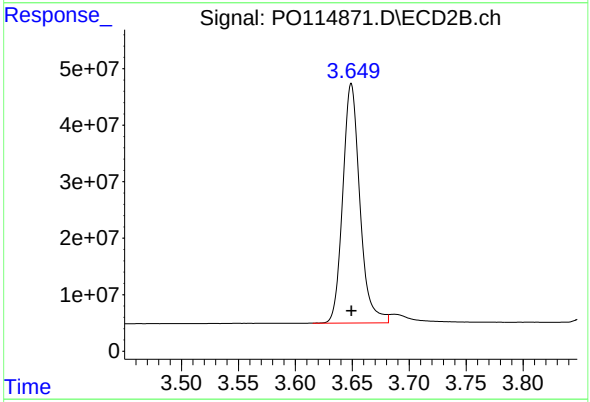




#1 Tetrachloro-m-xylene

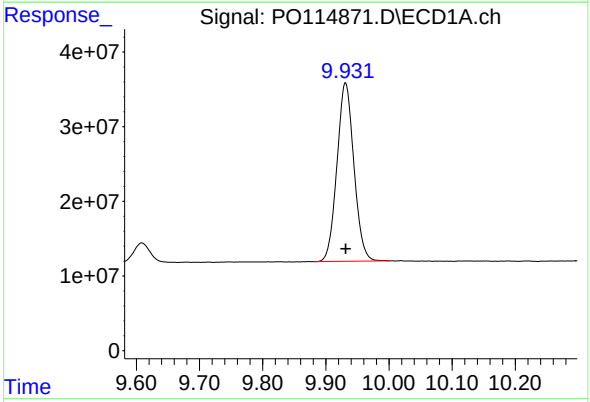
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 702040328
Conc: 97.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



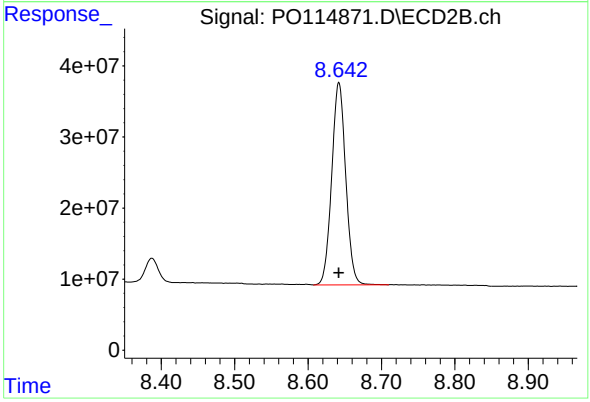
#1 Tetrachloro-m-xylene

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



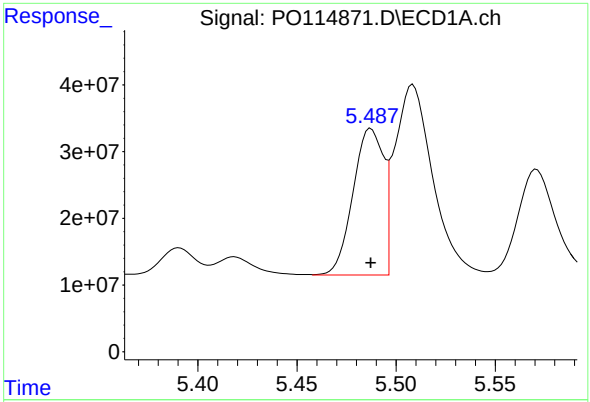
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

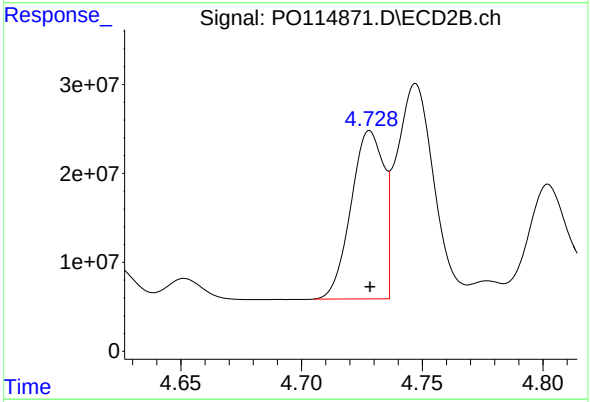
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 376821391
Conc: 96.38 ng/ml



#3 AR-1016-1

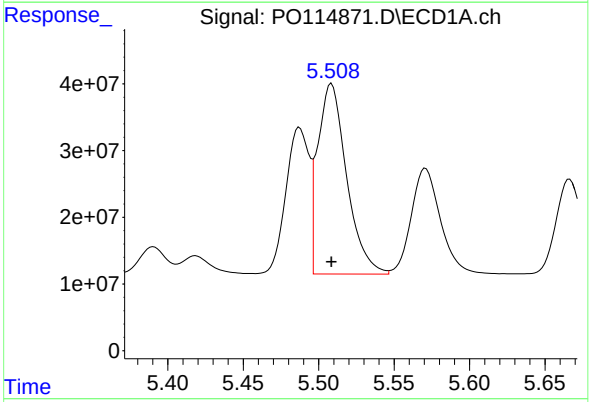
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 235183609
Conc: 964.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



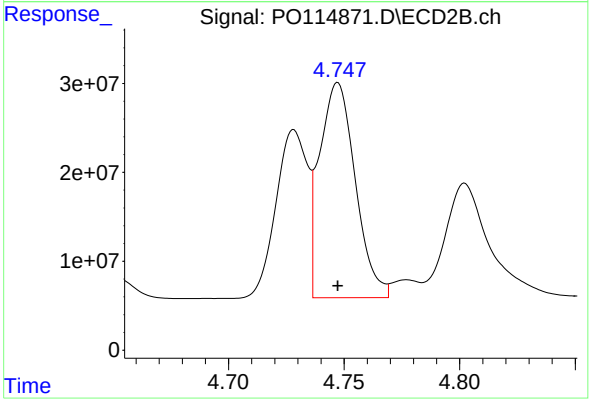
#3 AR-1016-1

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



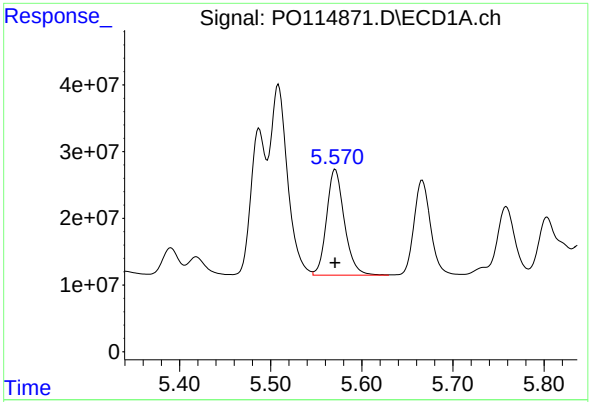
#4 AR-1016-2

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



#4 AR-1016-2

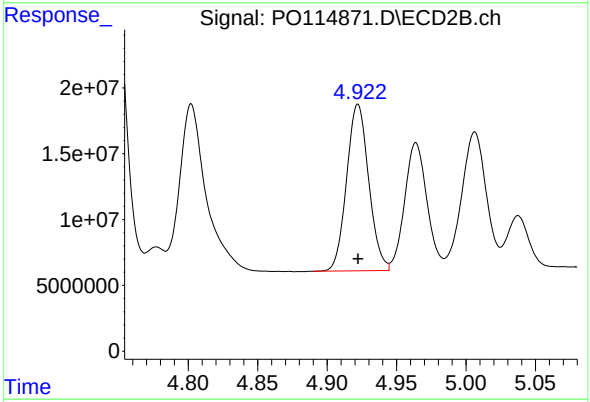
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 260787154
Conc: 968.78 ng/ml



#5 AR-1016-3

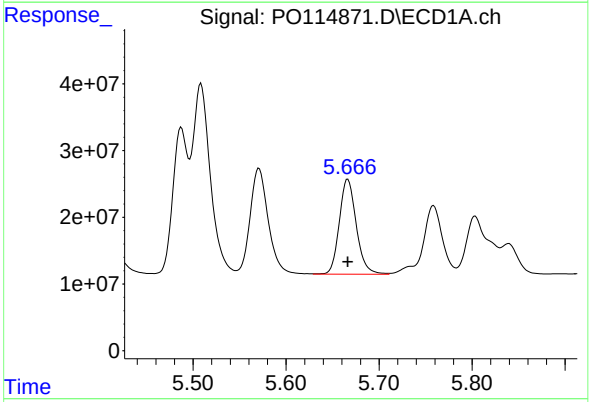
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 214892716
Conc: 964.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



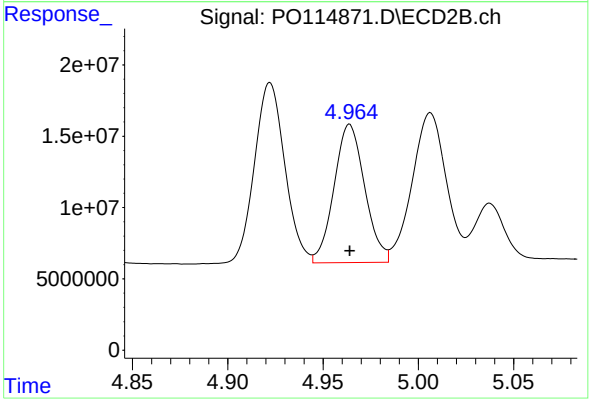
#5 AR-1016-3

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



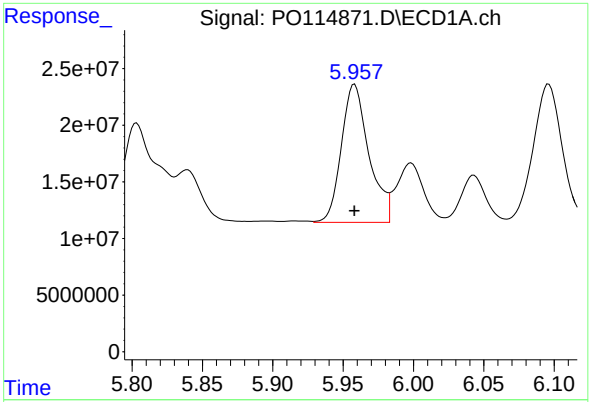
#6 AR-1016-4

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



#6 AR-1016-4

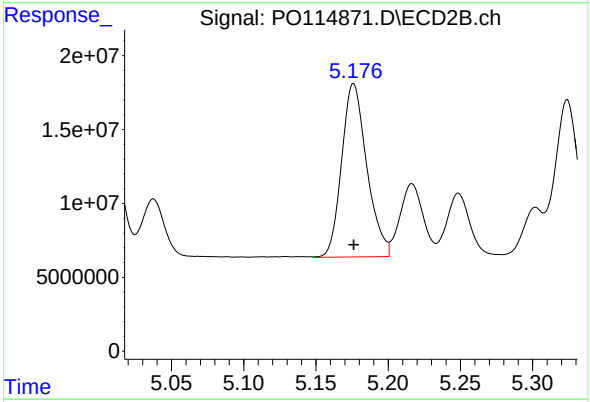
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 108607533
Conc: 959.73 ng/ml



#7 AR-1016-5

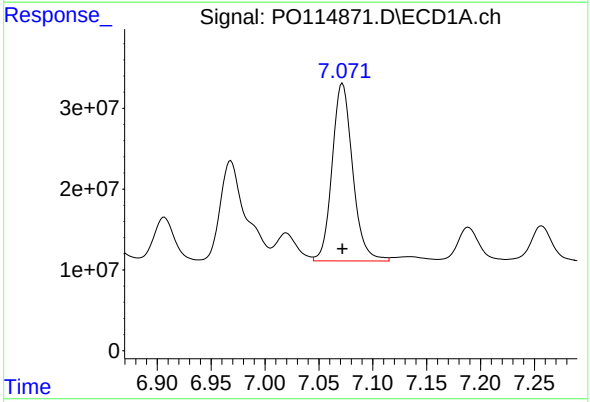
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 166479276
Conc: 962.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



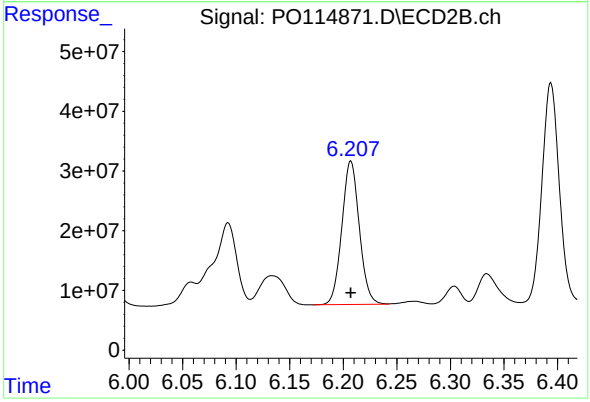
#7 AR-1016-5

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



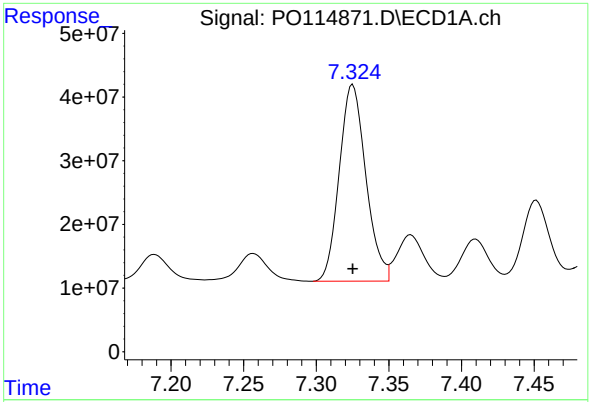
#31 AR-1260-1

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



#31 AR-1260-1

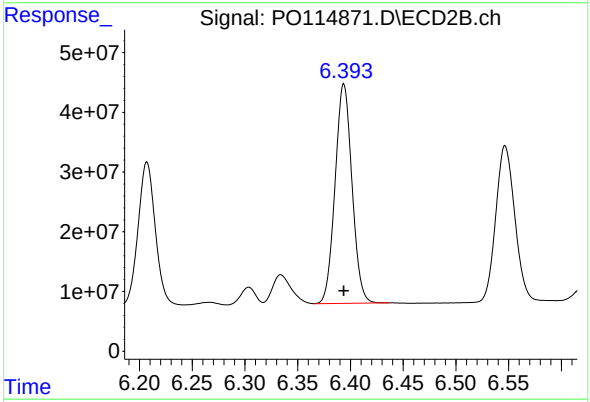
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 272865489
Conc: 948.41 ng/ml



#32 AR-1260-2

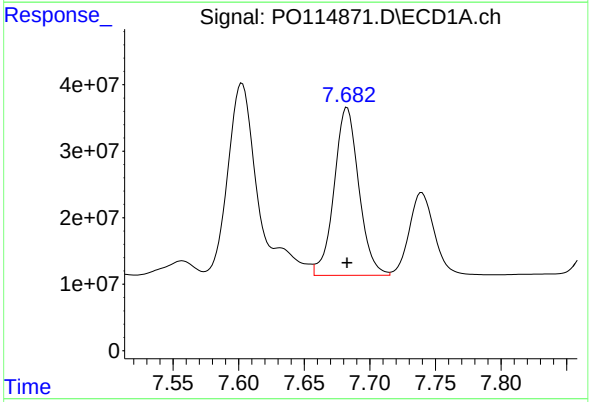
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 393658847
Conc: 974.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



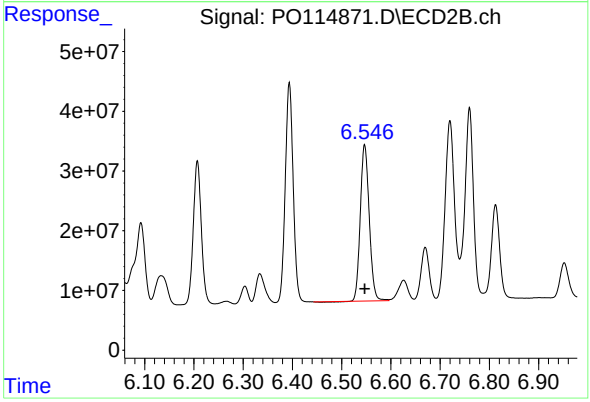
#32 AR-1260-2

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



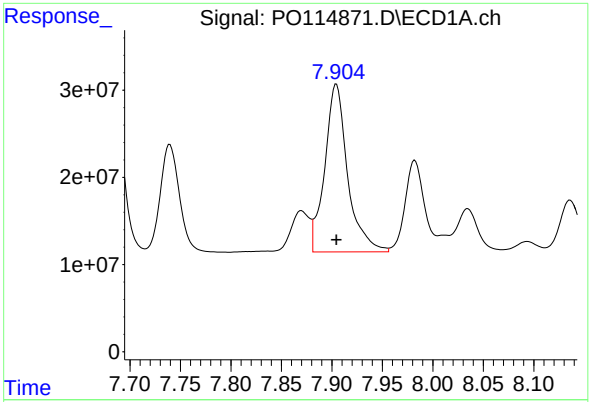
#33 AR-1260-3

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



#33 AR-1260-3

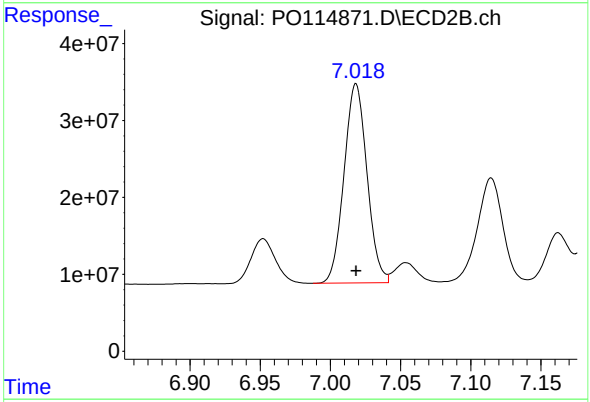
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 328919579
Conc: 951.84 ng/ml



#34 AR-1260-4

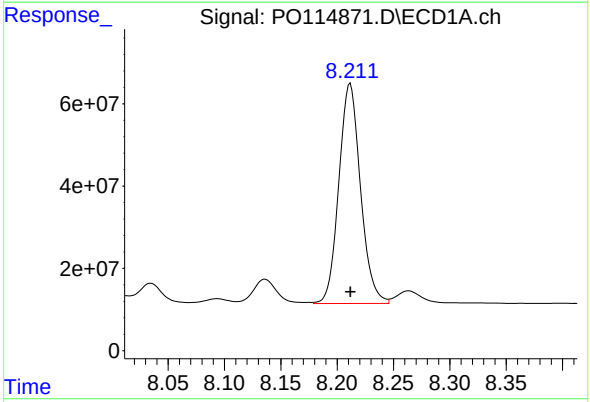
R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 303823322
Conc: 972.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



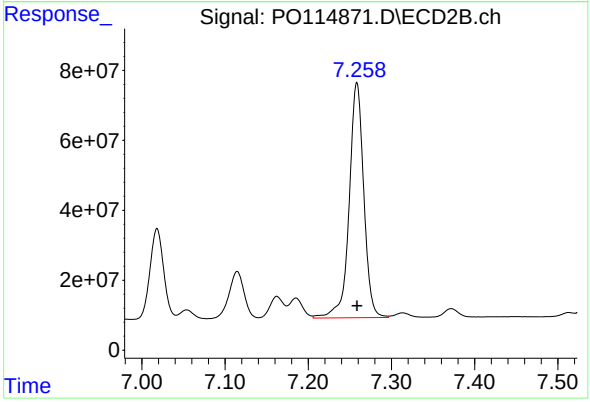
#34 AR-1260-4

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

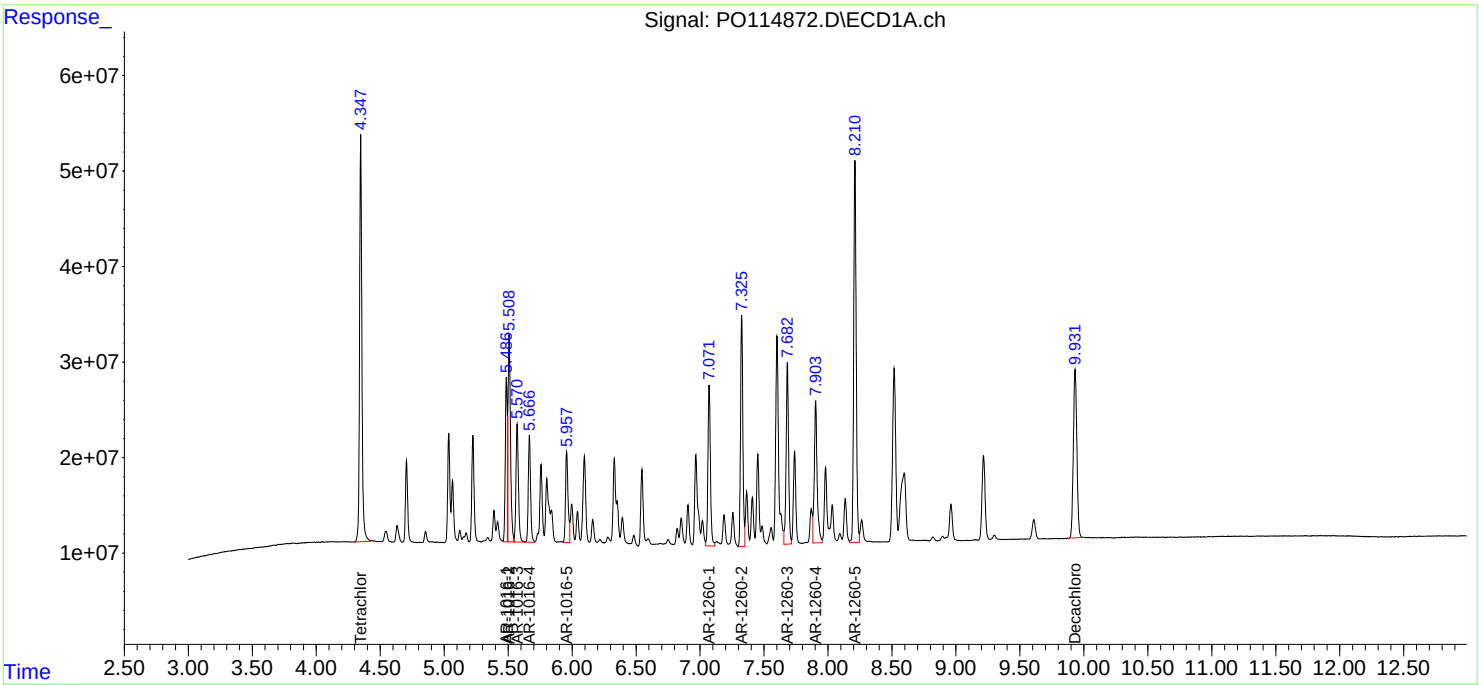
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

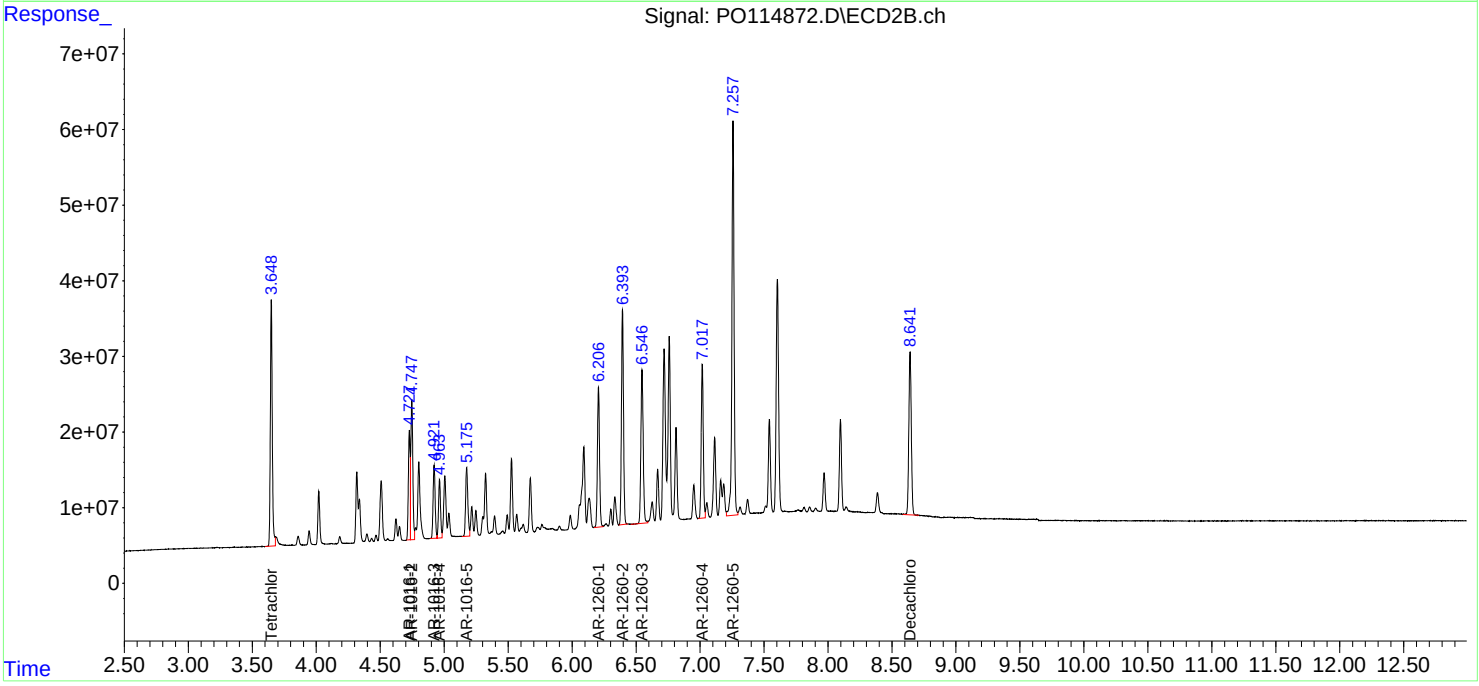
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:58
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

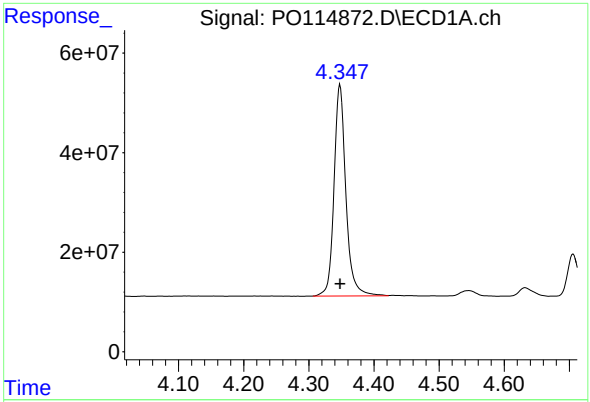
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

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



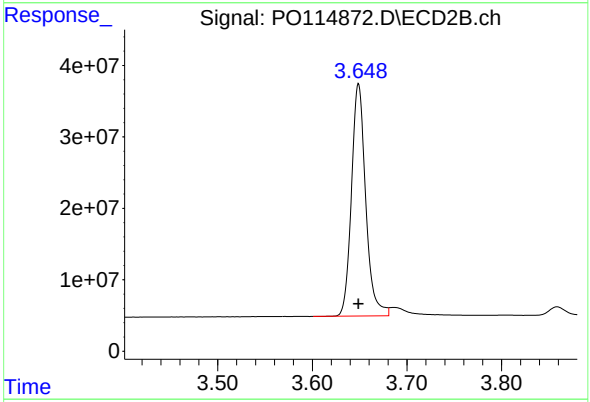




#1 Tetrachloro-m-xylene

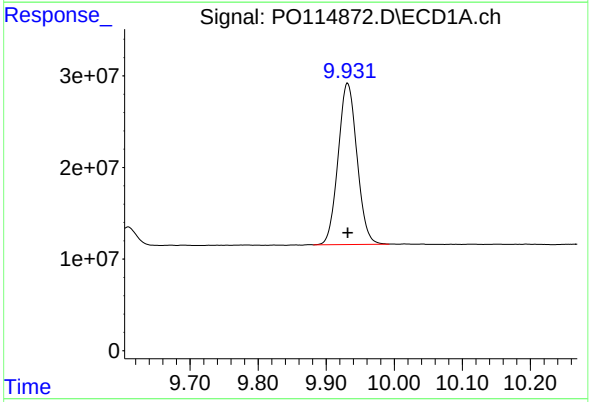
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 537208765
Conc: 74.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



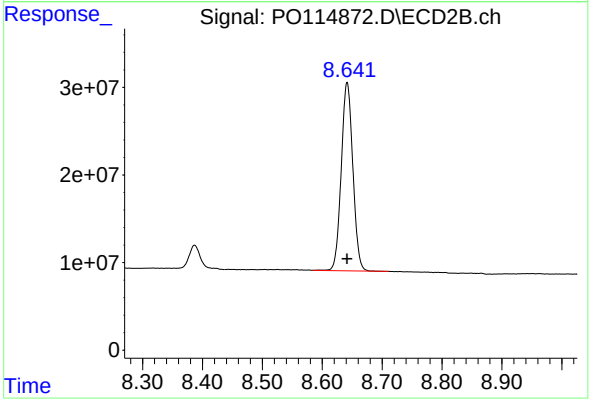
#1 Tetrachloro-m-xylene

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



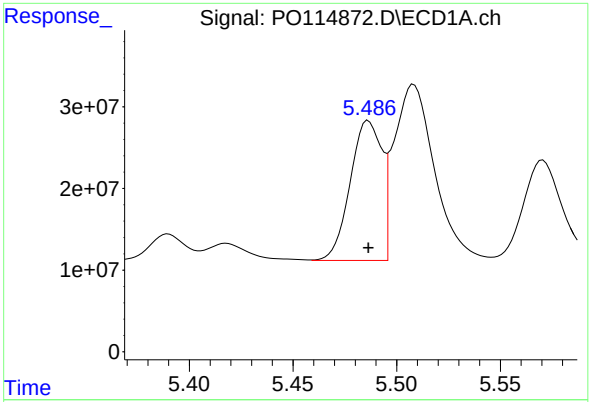
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

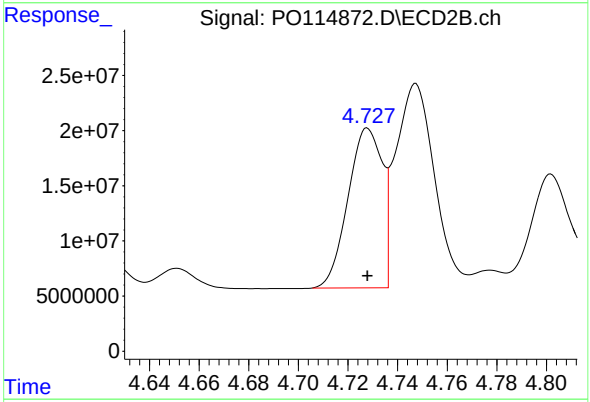
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 289683940
Conc: 74.39 ng/ml



#3 AR-1016-1

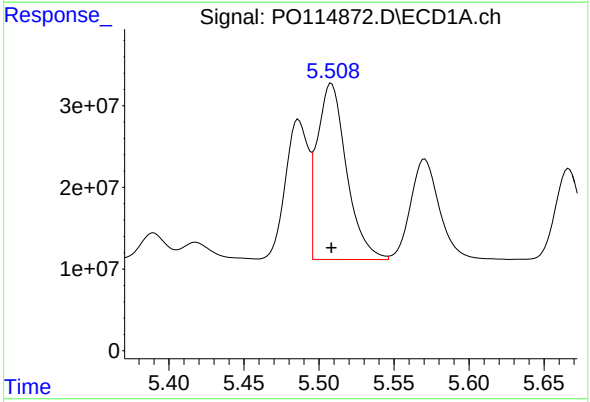
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 181803839
Conc: 747.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



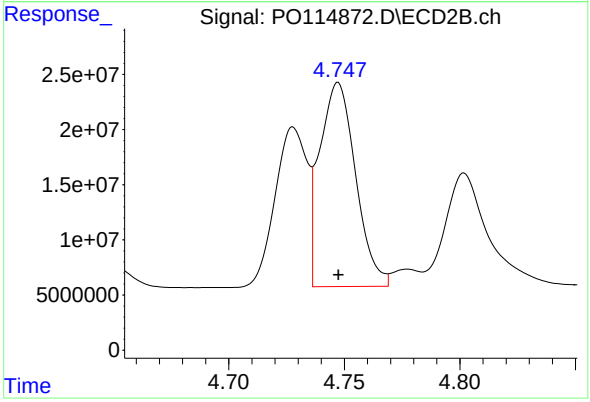
#3 AR-1016-1

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



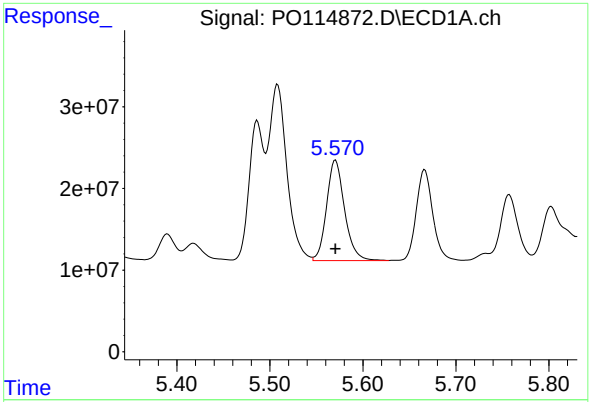
#4 AR-1016-2

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



#4 AR-1016-2

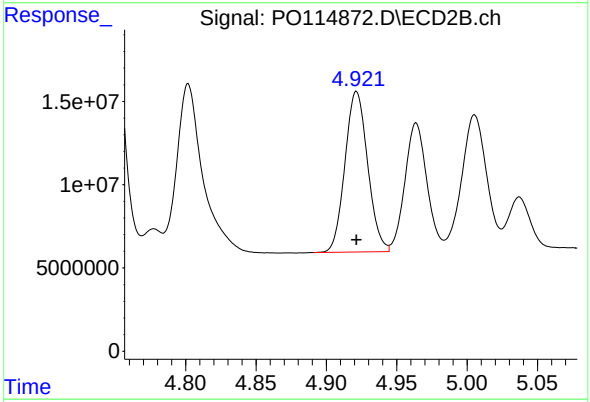
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 200576773
Conc: 746.73 ng/ml



#5 AR-1016-3

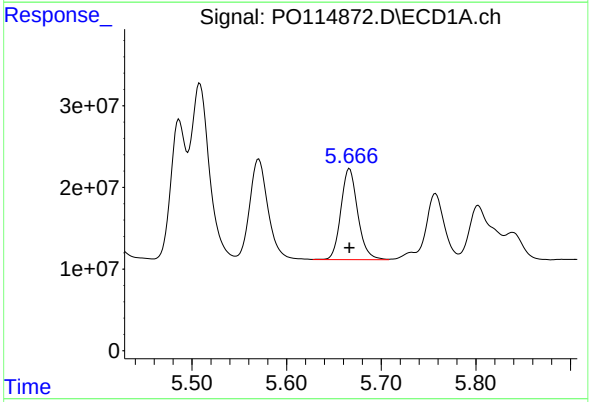
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 165608399
Conc: 745.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



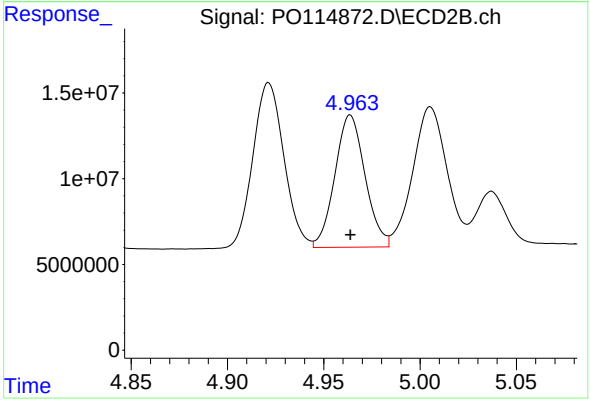
#5 AR-1016-3

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



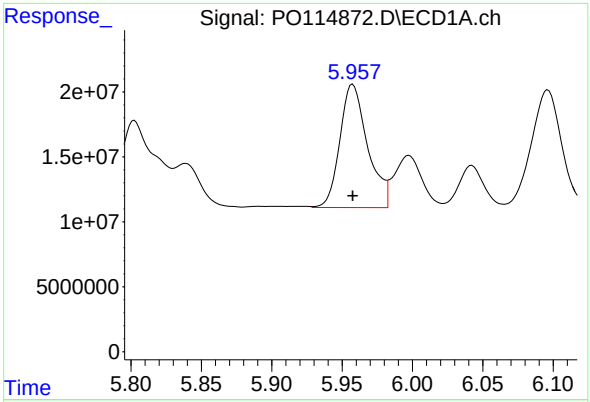
#6 AR-1016-4

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



#6 AR-1016-4

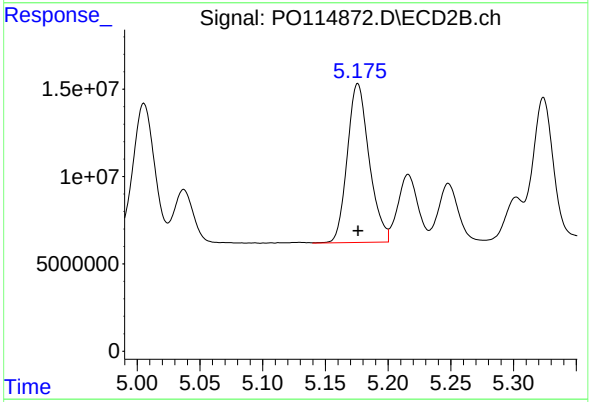
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 84016466
Conc: 744.93 ng/ml



#7 AR-1016-5

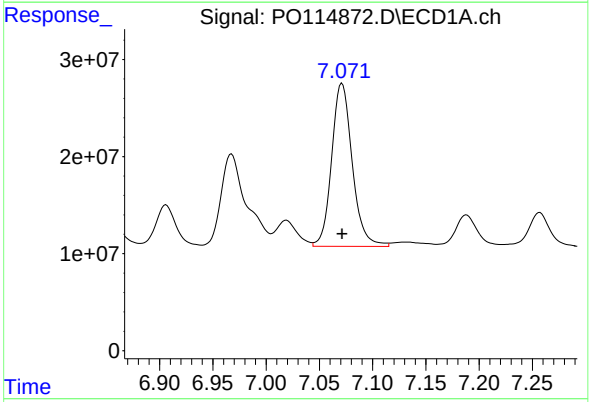
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 130207861
Conc: 751.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



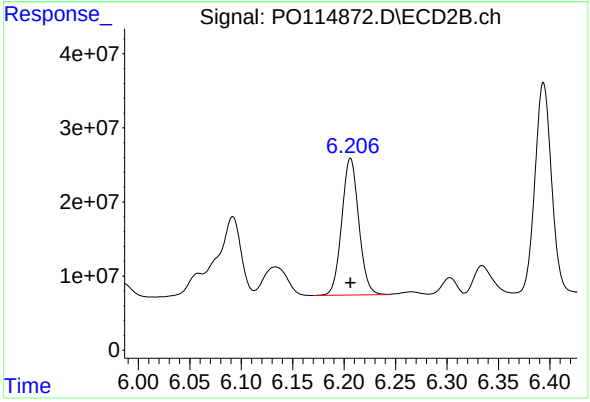
#7 AR-1016-5

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



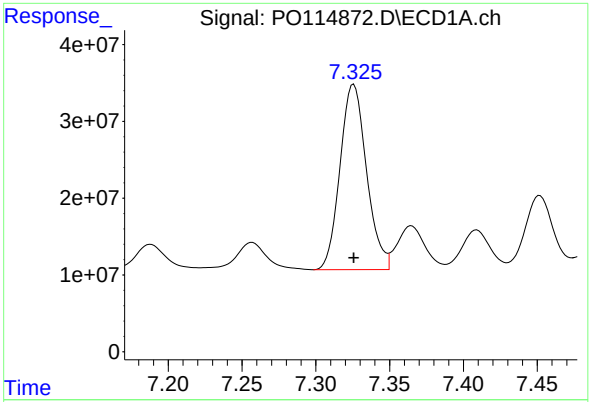
#31 AR-1260-1

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



#31 AR-1260-1

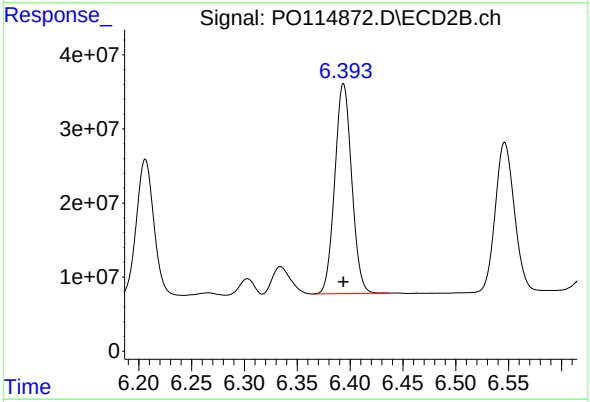
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 212772192
Conc: 743.00 ng/ml



#32 AR-1260-2

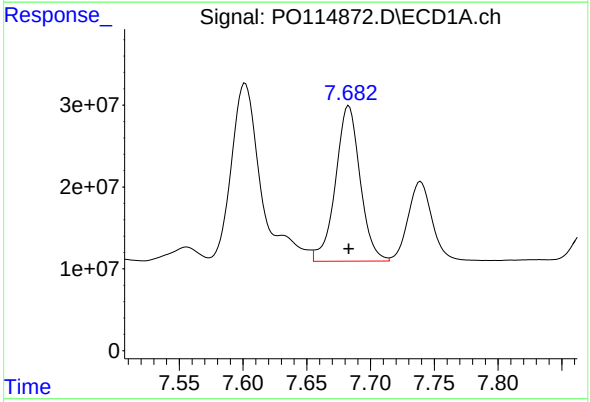
R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 301946382
Conc: 748.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



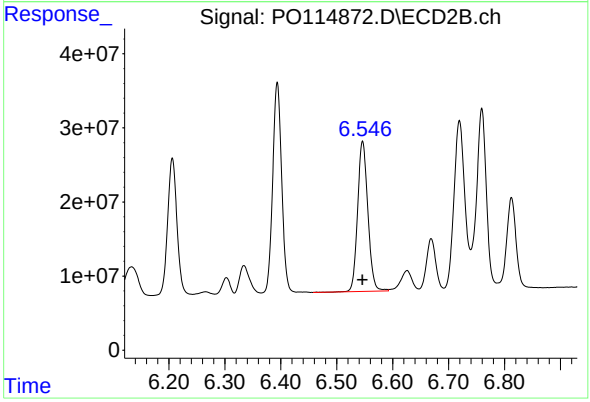
#32 AR-1260-2

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



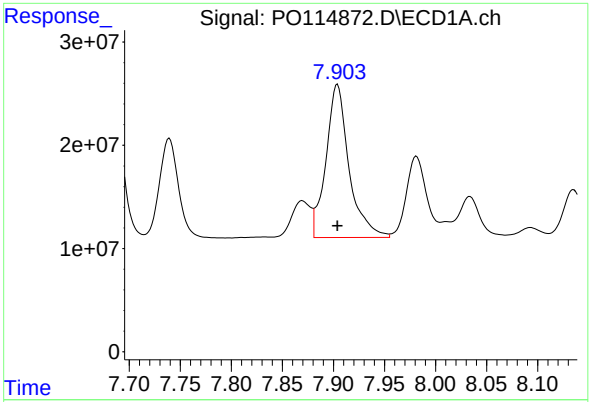
#33 AR-1260-3

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



#33 AR-1260-3

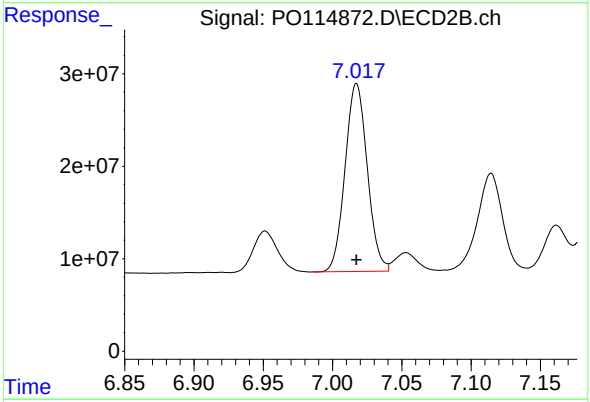
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 258353473
Conc: 748.42 ng/ml



#34 AR-1260-4

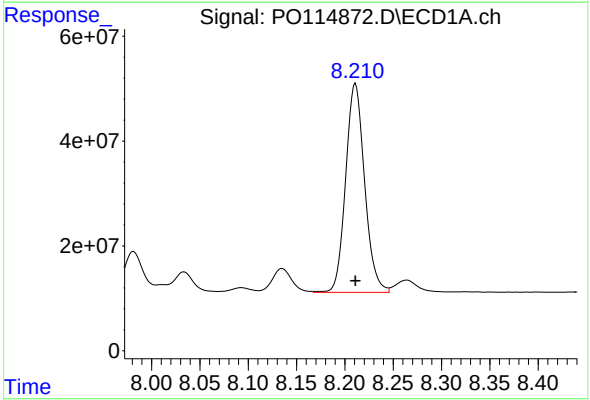
R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 232982148
Conc: 747.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



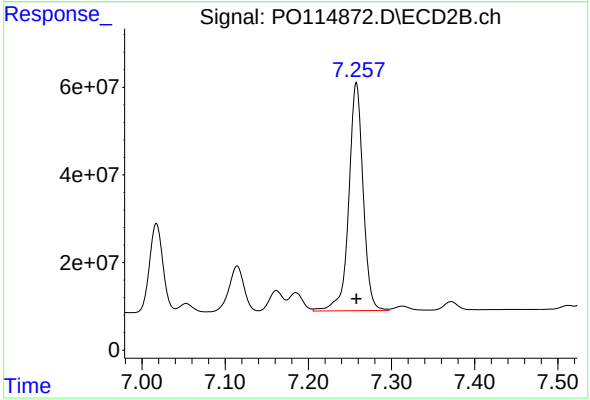
#34 AR-1260-4

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

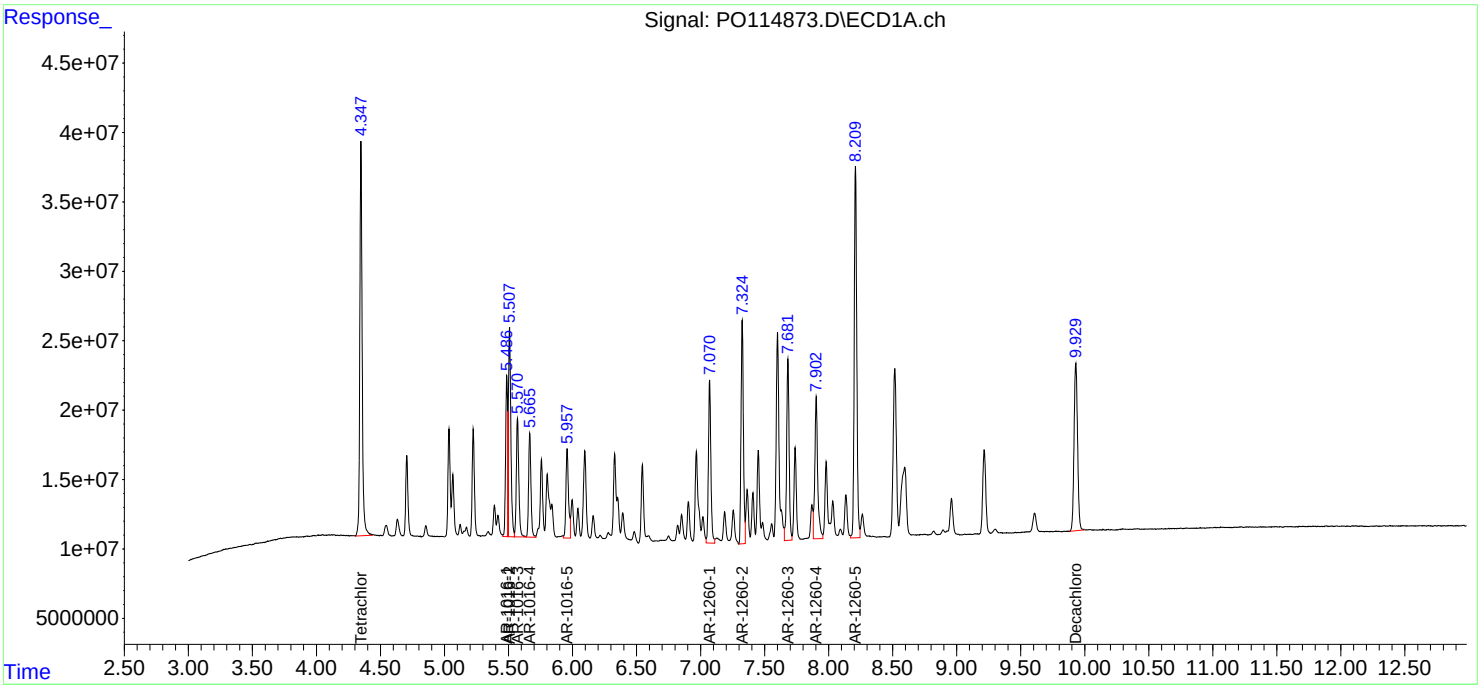
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

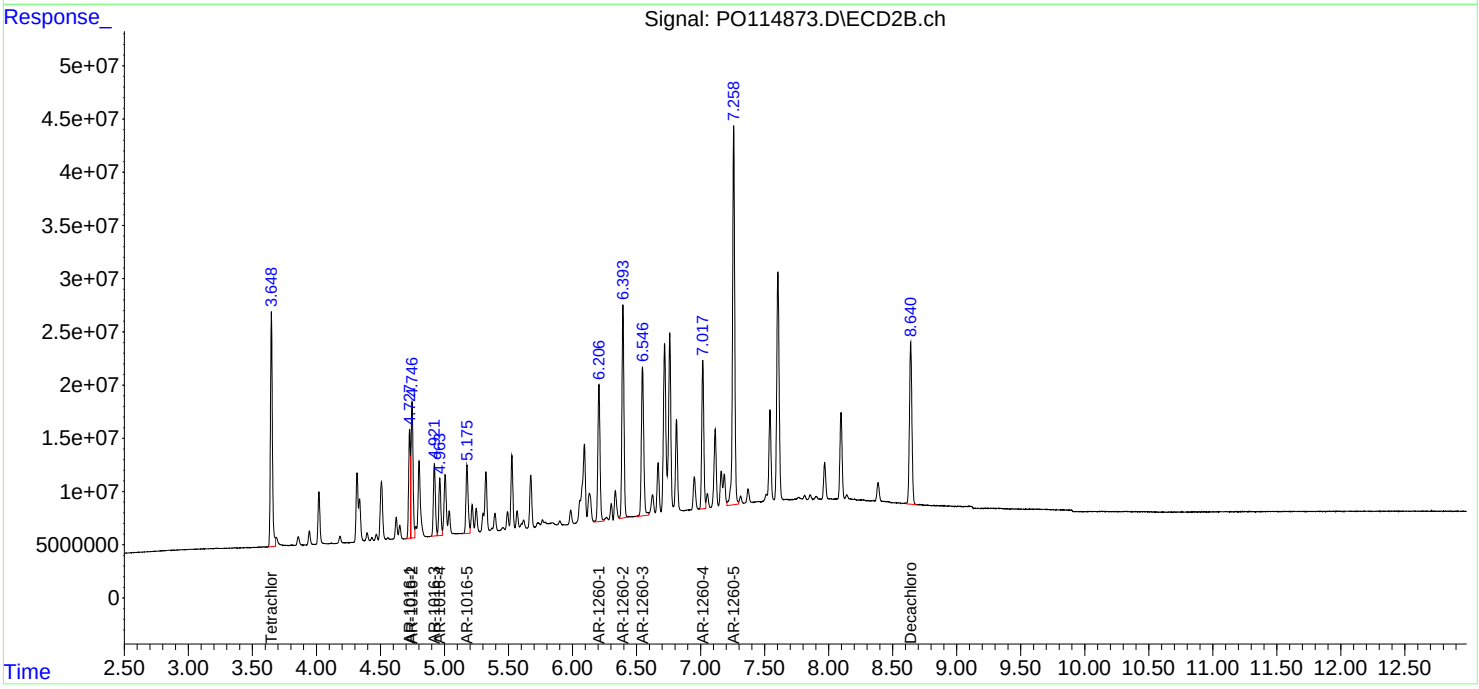
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114873.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 10:16
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

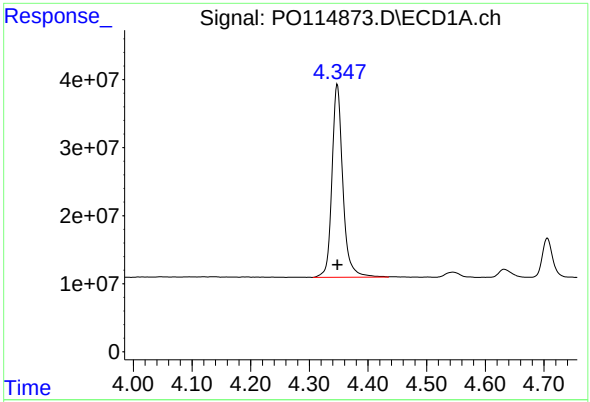
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

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



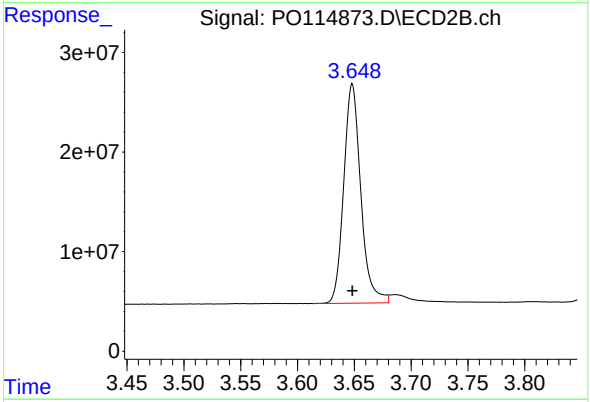




#1 Tetrachloro-m-xylene

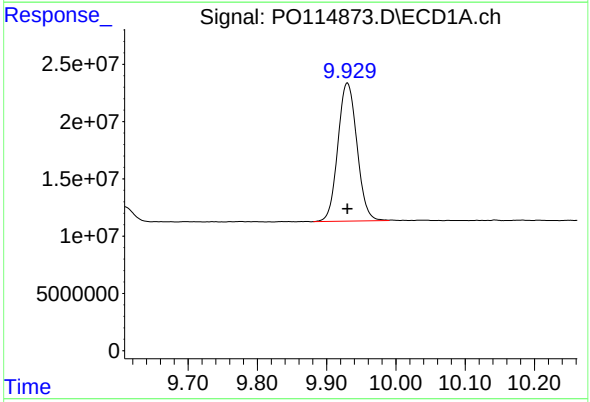
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 365386397
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



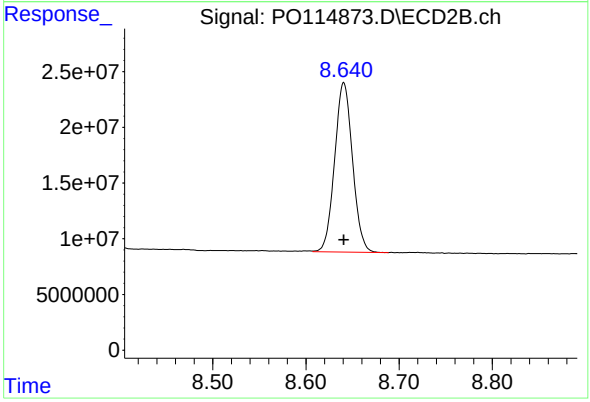
#1 Tetrachloro-m-xylene

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



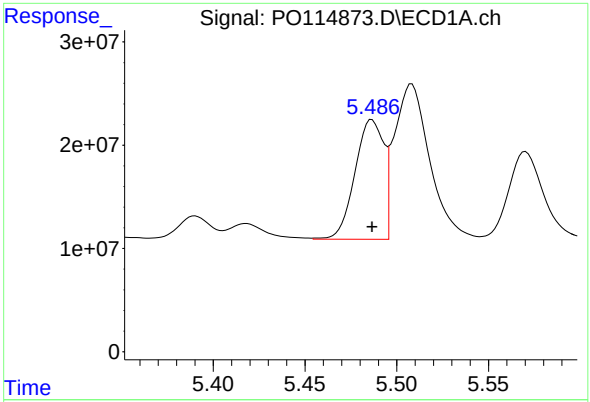
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

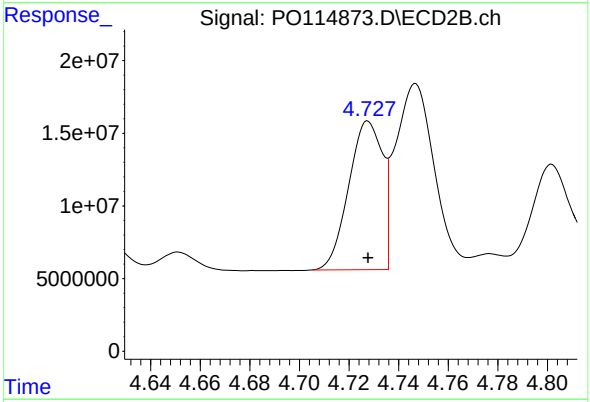
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 202581766
Conc: 50.00 ng/ml



#3 AR-1016-1

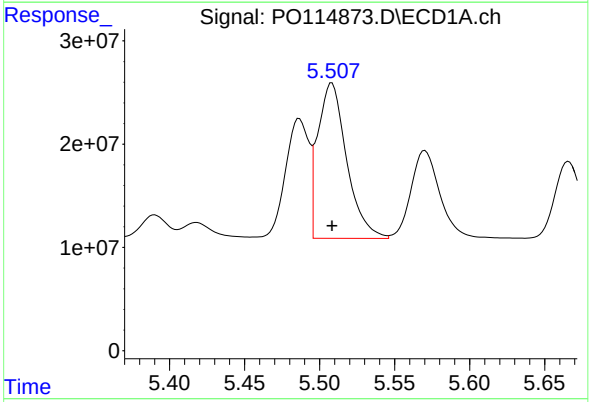
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 126150306
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



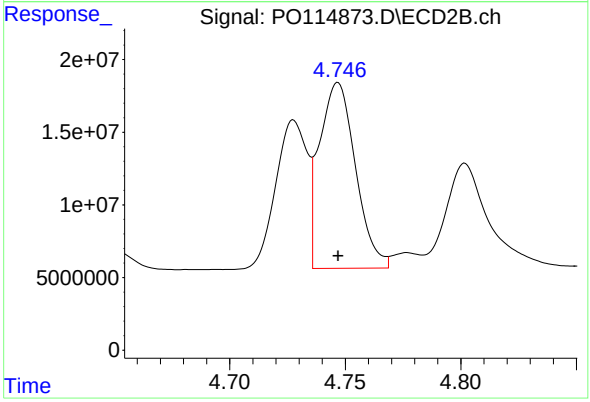
#3 AR-1016-1

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



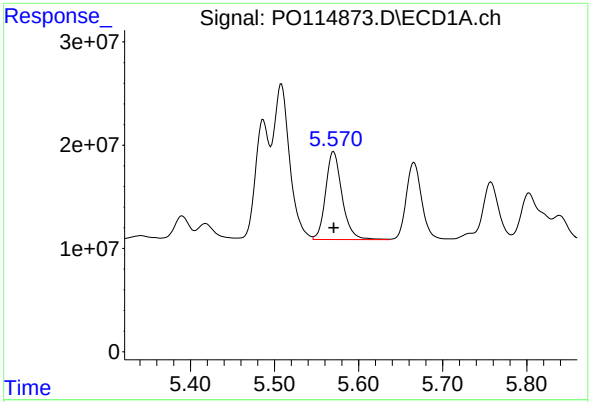
#4 AR-1016-2

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



#4 AR-1016-2

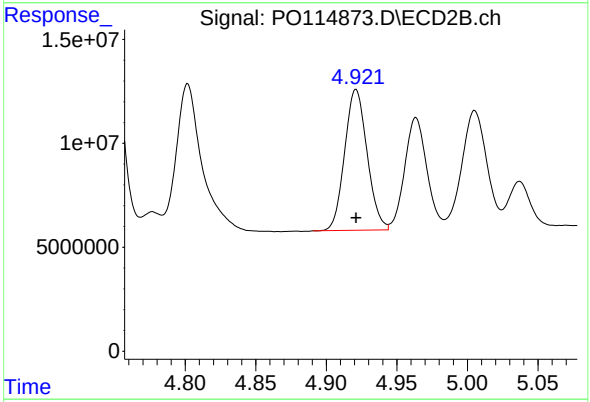
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 138796584
Conc: 500.00 ng/ml



#5 AR-1016-3

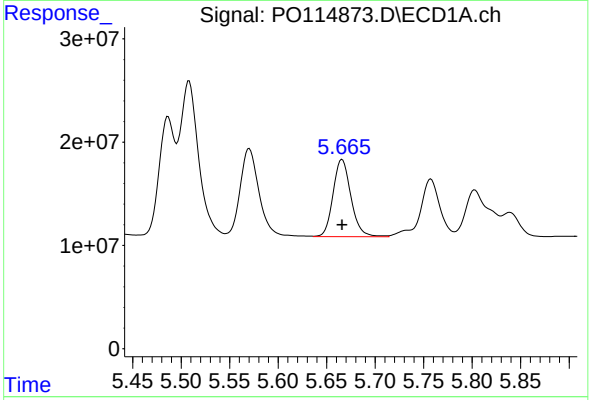
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 115255165
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



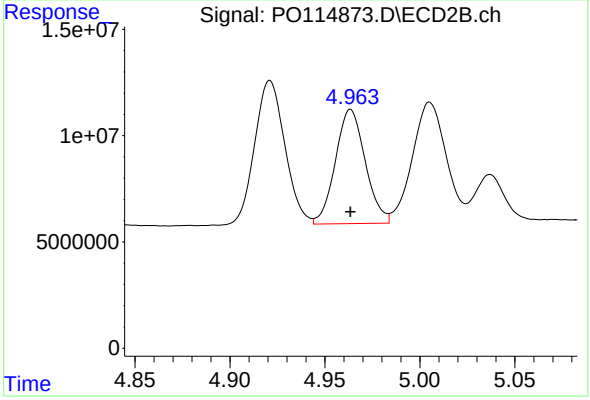
#5 AR-1016-3

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



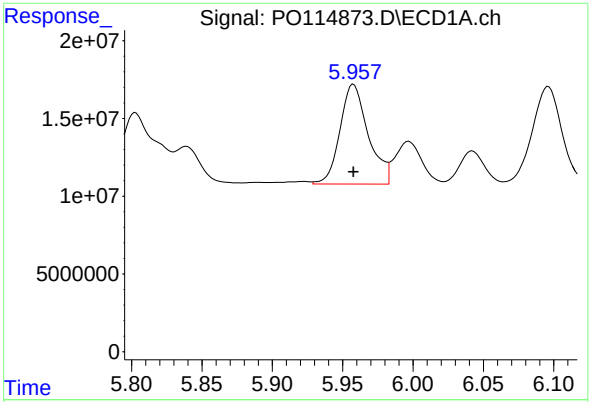
#6 AR-1016-4

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



#6 AR-1016-4

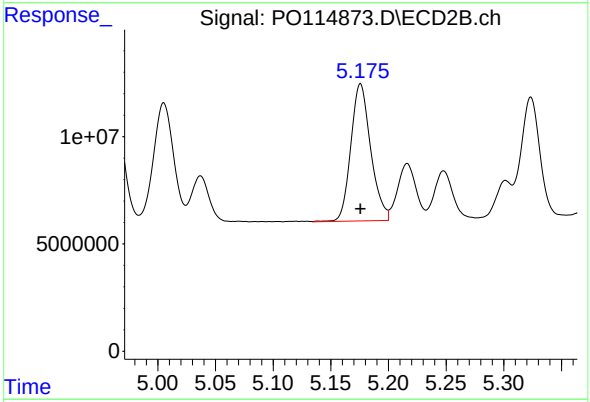
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 58860841
Conc: 500.00 ng/ml



#7 AR-1016-5

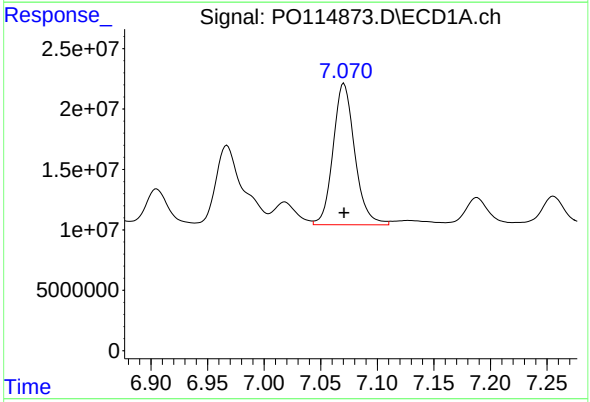
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 89793587
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



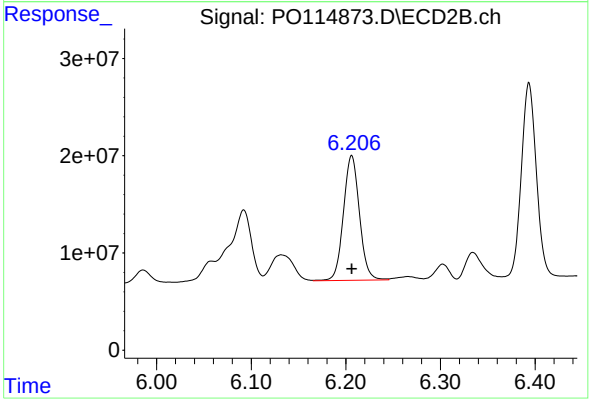
#7 AR-1016-5

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



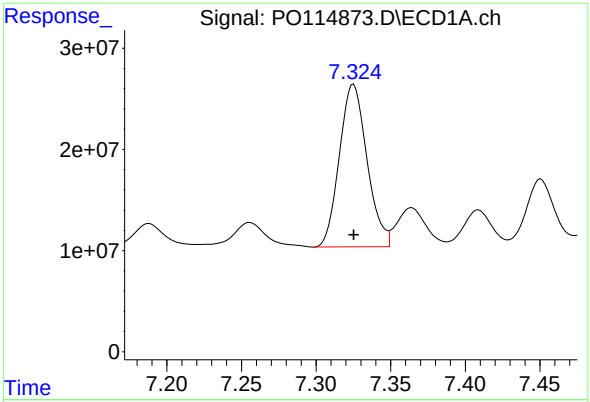
#31 AR-1260-1

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



#31 AR-1260-1

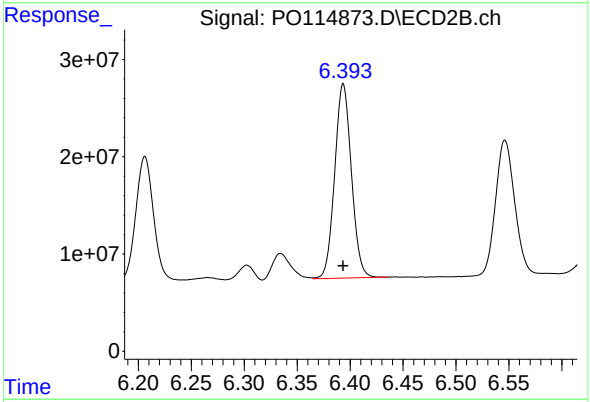
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 151274833
Conc: 500.00 ng/ml



#32 AR-1260-2

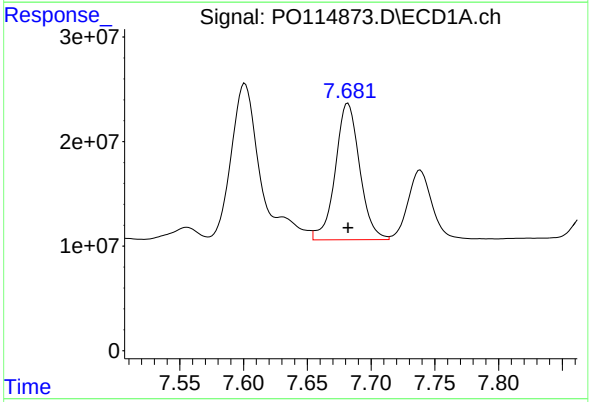
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 207176093
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



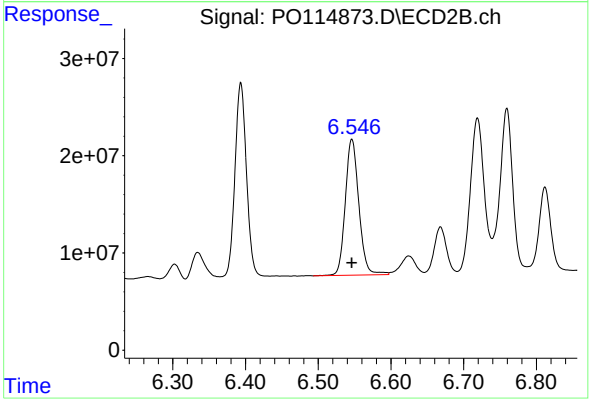
#32 AR-1260-2

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



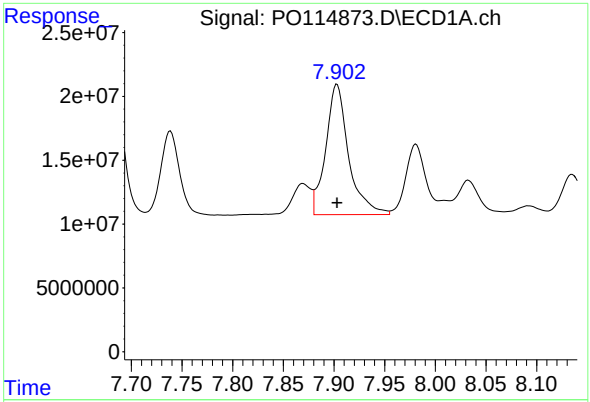
#33 AR-1260-3

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



#33 AR-1260-3

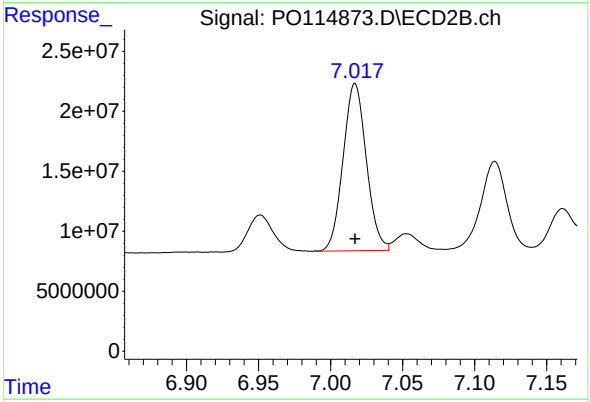
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 181103203
Conc: 500.00 ng/ml



#34 AR-1260-4

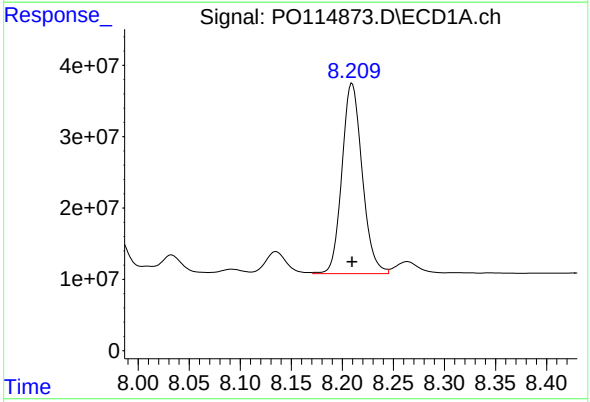
R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 160563236
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



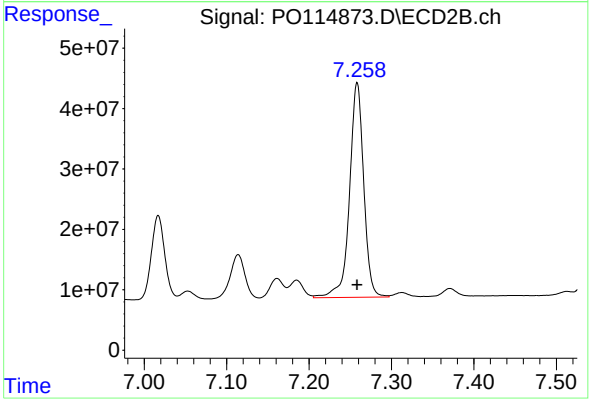
#34 AR-1260-4

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

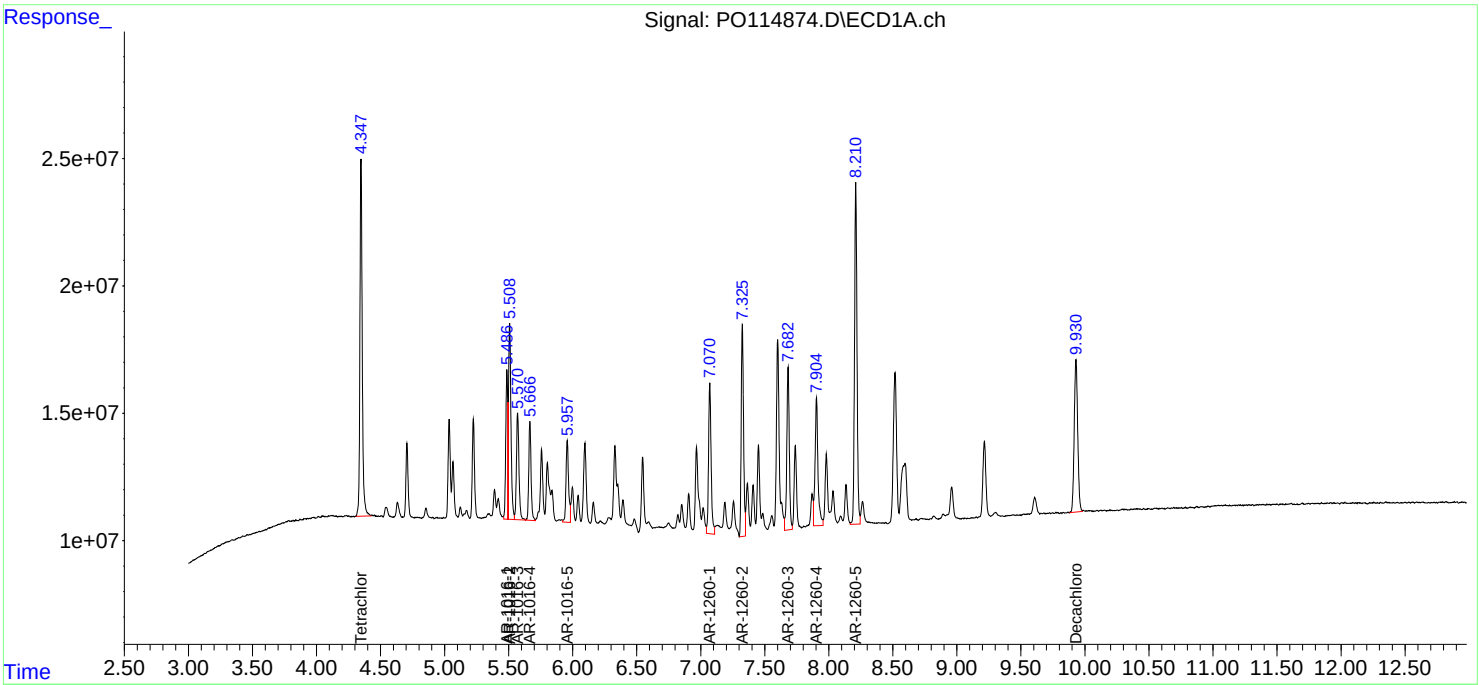
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

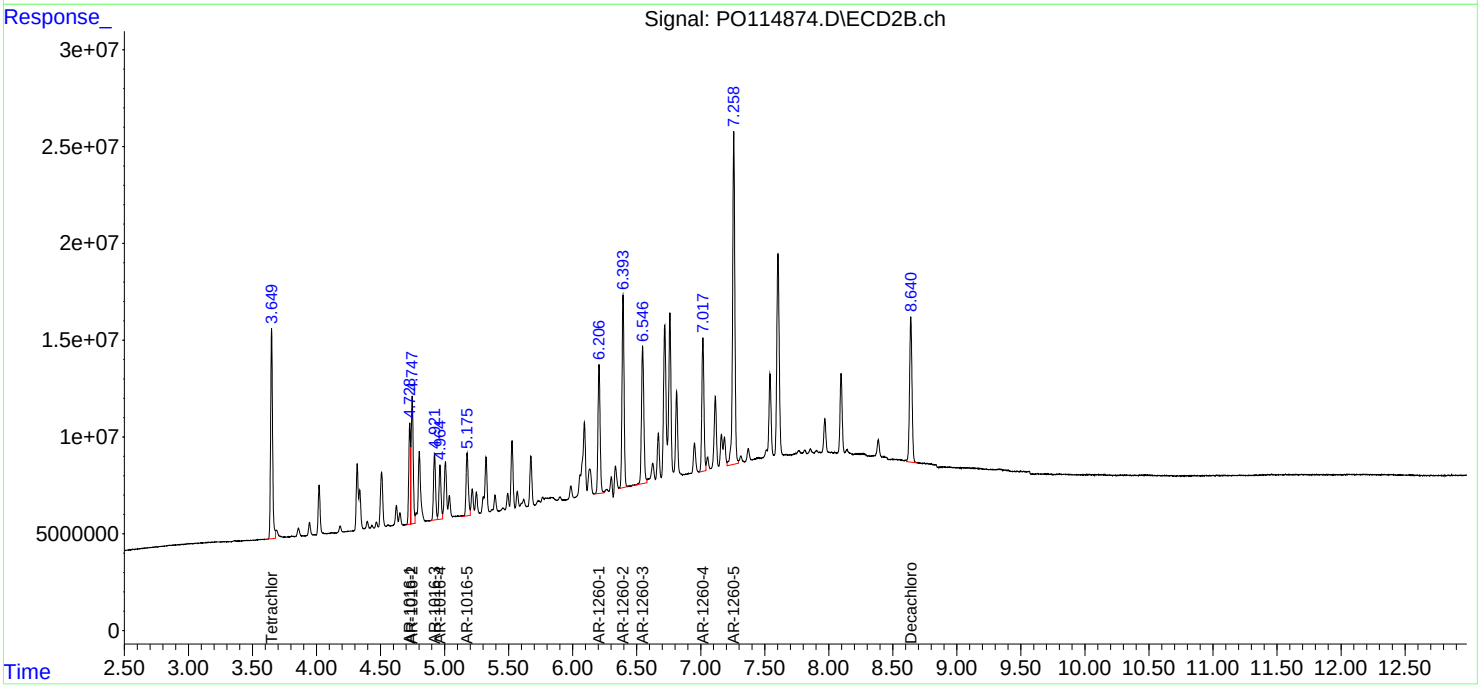
Manual Integrations APPROVED

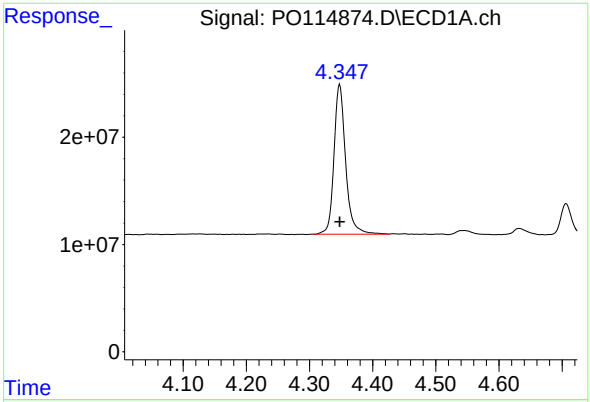
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

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







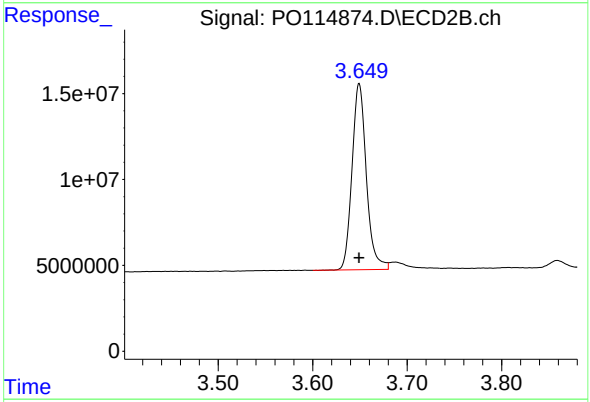
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

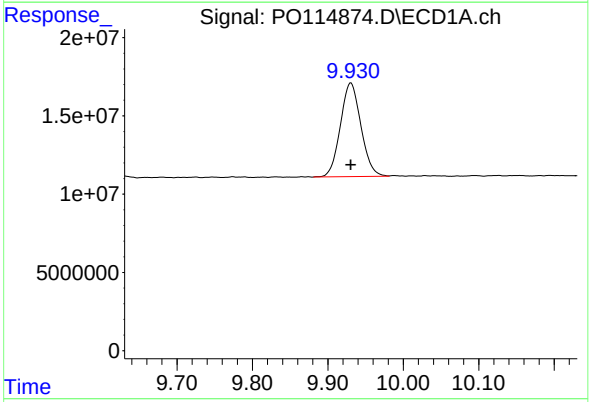
Manual Integrations APPROVED

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



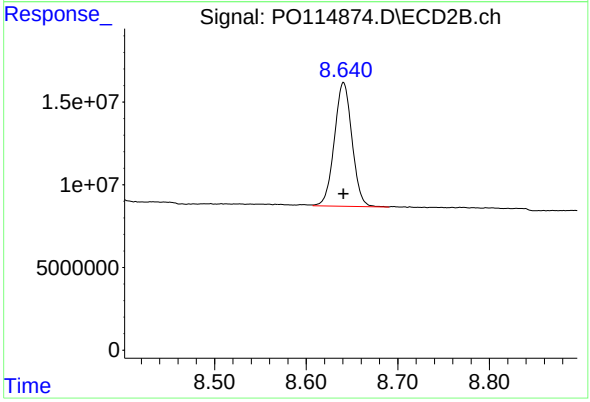
#1 Tetrachloro-m-xylene

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



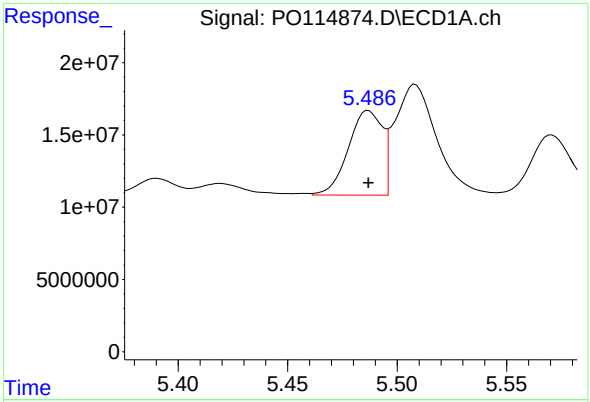
#2 Decachlorobiphenyl

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



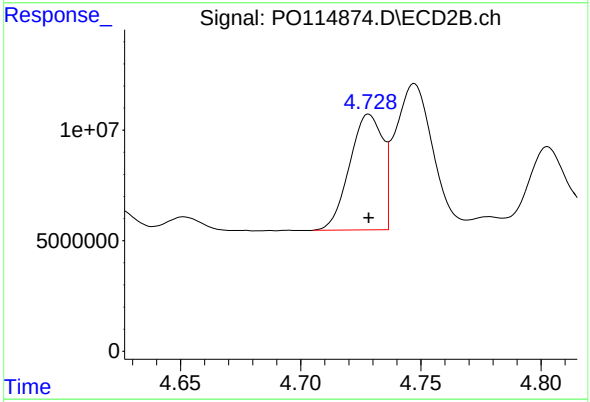
#3 AR-1016-1

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

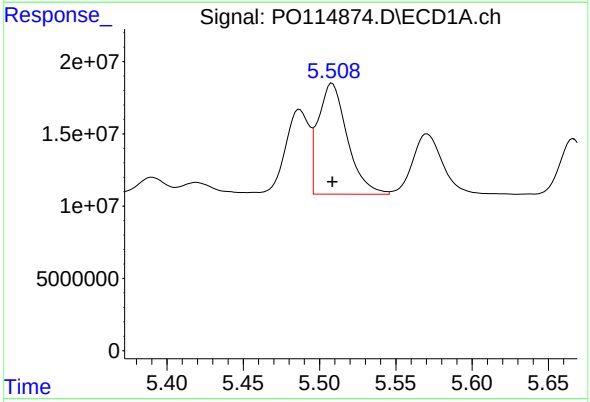
Manual Integrations APPROVED

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



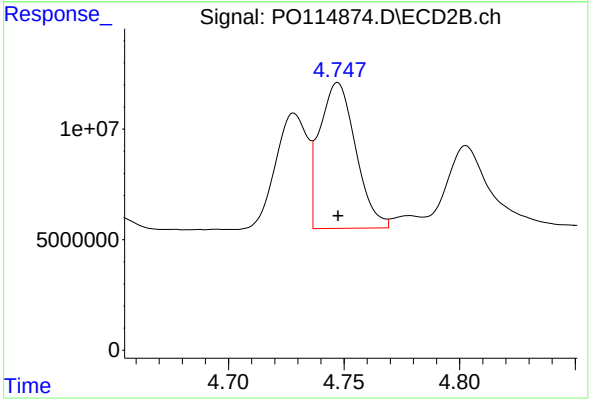
#3 AR-1016-1

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



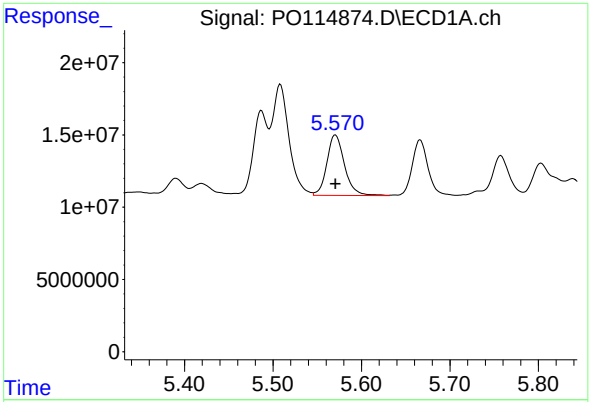
#4 AR-1016-2

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



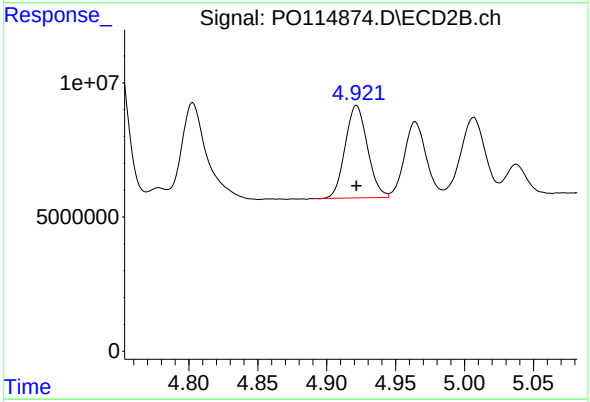
#5 AR-1016-3

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

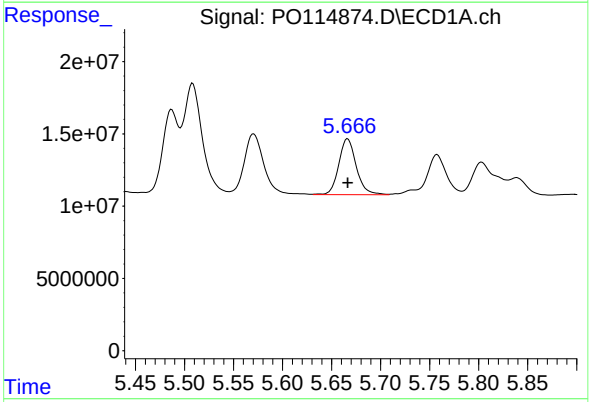
Manual Integrations APPROVED

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



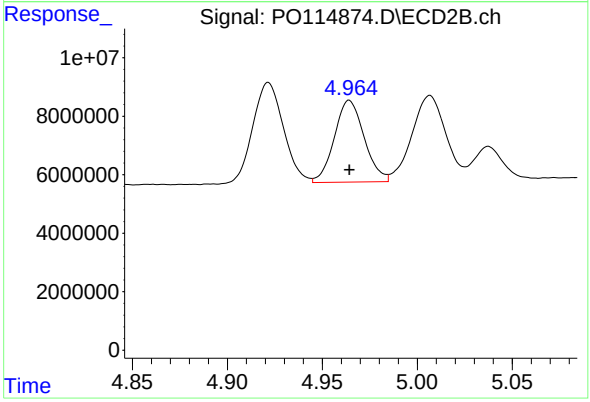
#5 AR-1016-3

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



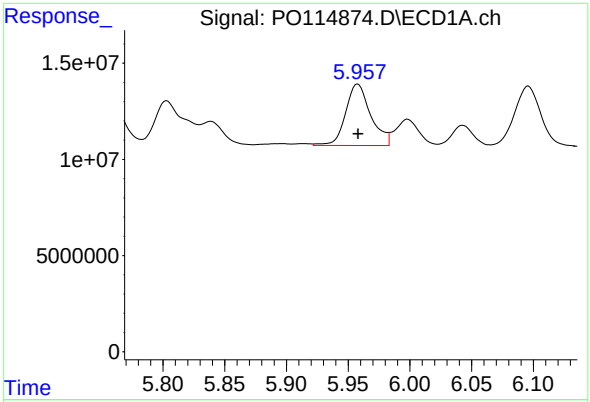
#6 AR-1016-4

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



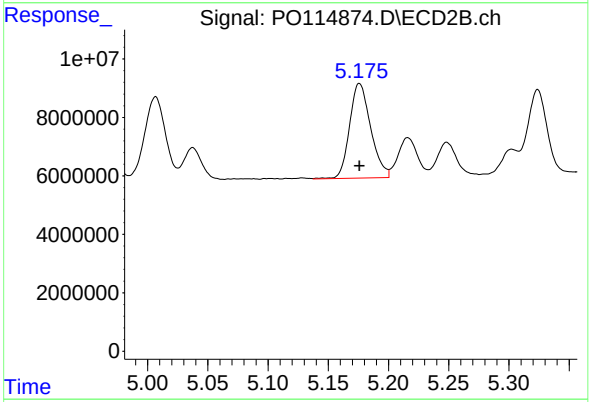
#7 AR-1016-5

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

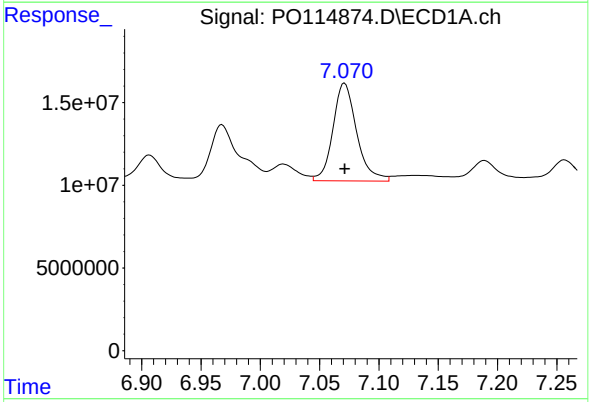
Manual Integrations APPROVED

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



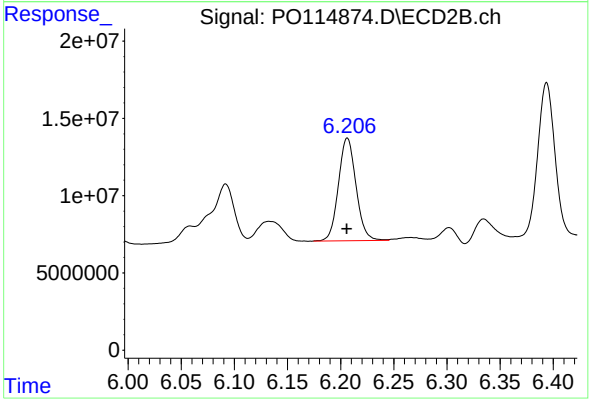
#7 AR-1016-5

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



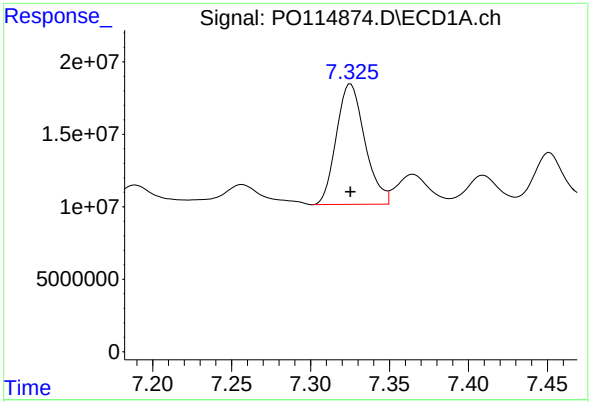
#31 AR-1260-1

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



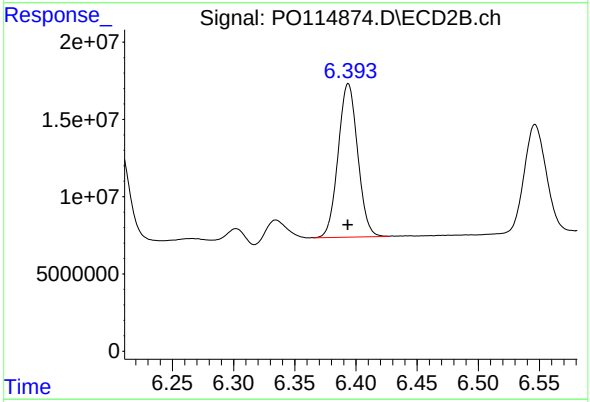
#32 AR-1260-2

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

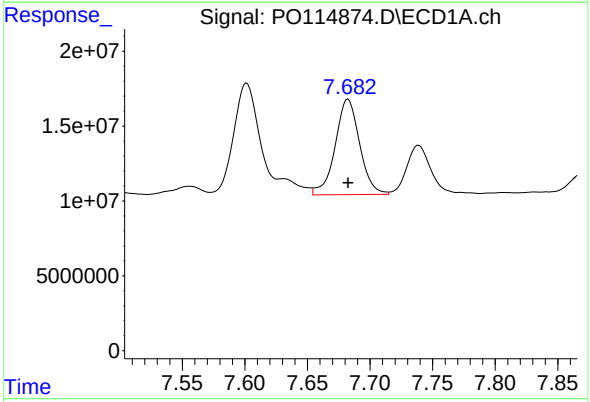
Manual Integrations APPROVED

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



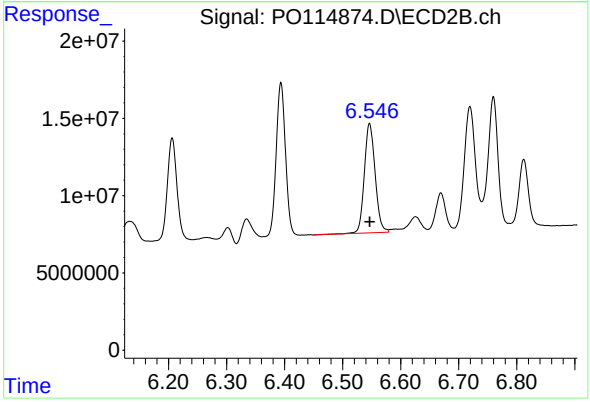
#32 AR-1260-2

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



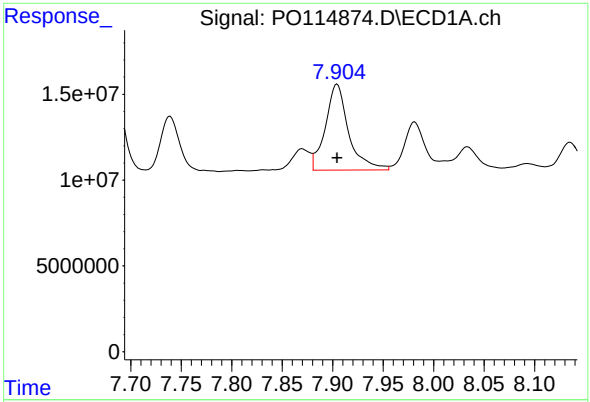
#33 AR-1260-3

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



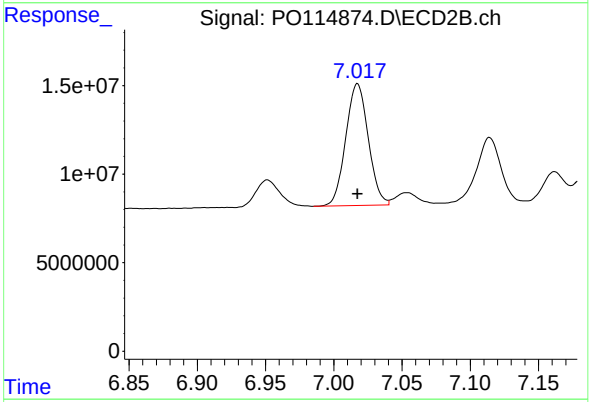
#34 AR-1260-4

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

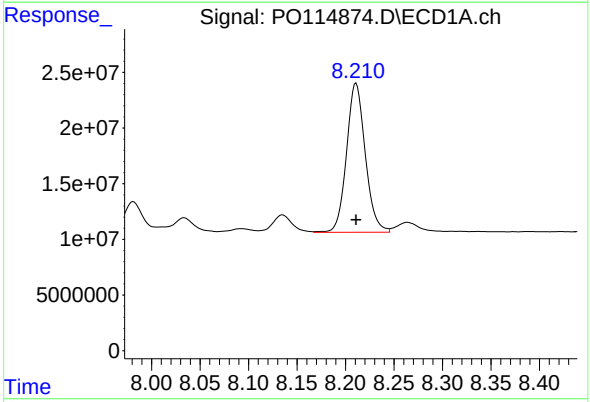
Manual Integrations APPROVED

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



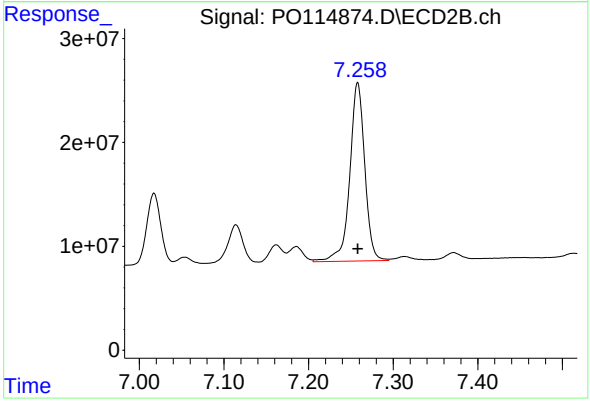
#34 AR-1260-4

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.

ICAL Form

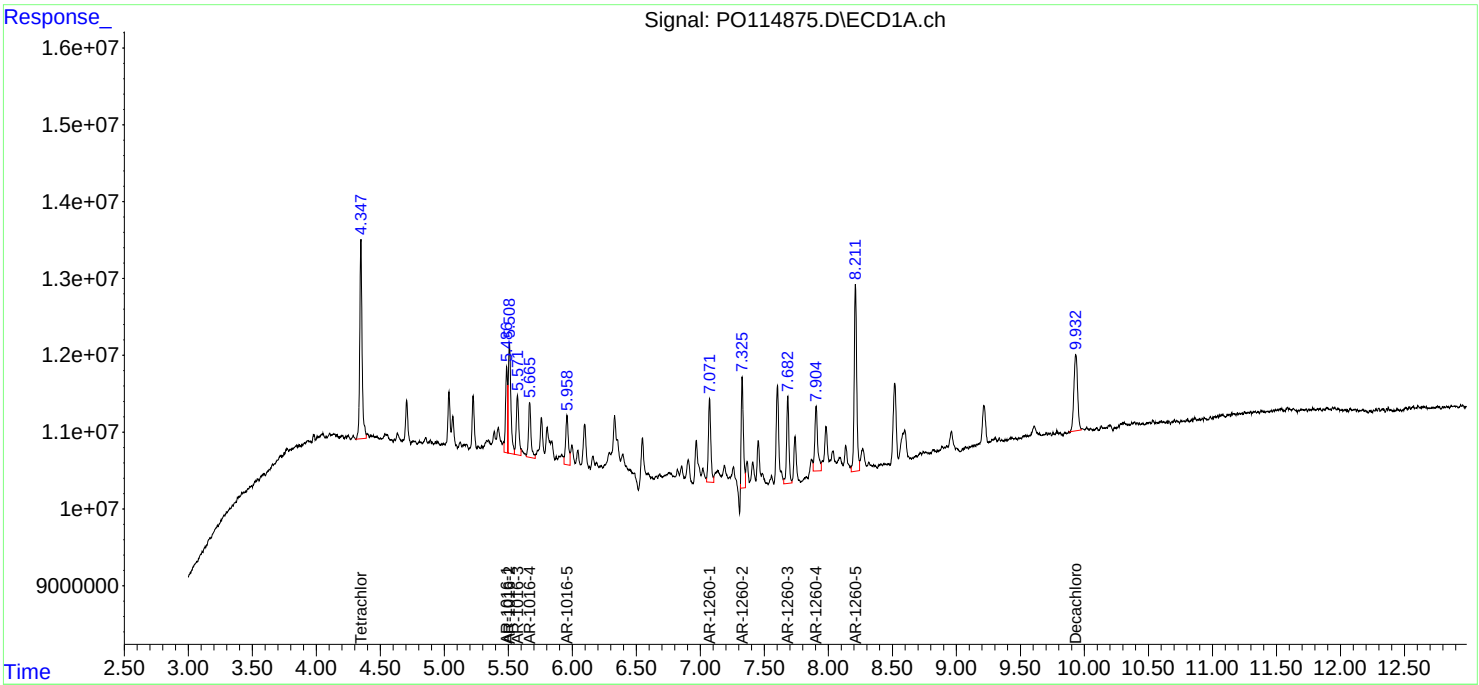
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 10:53
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

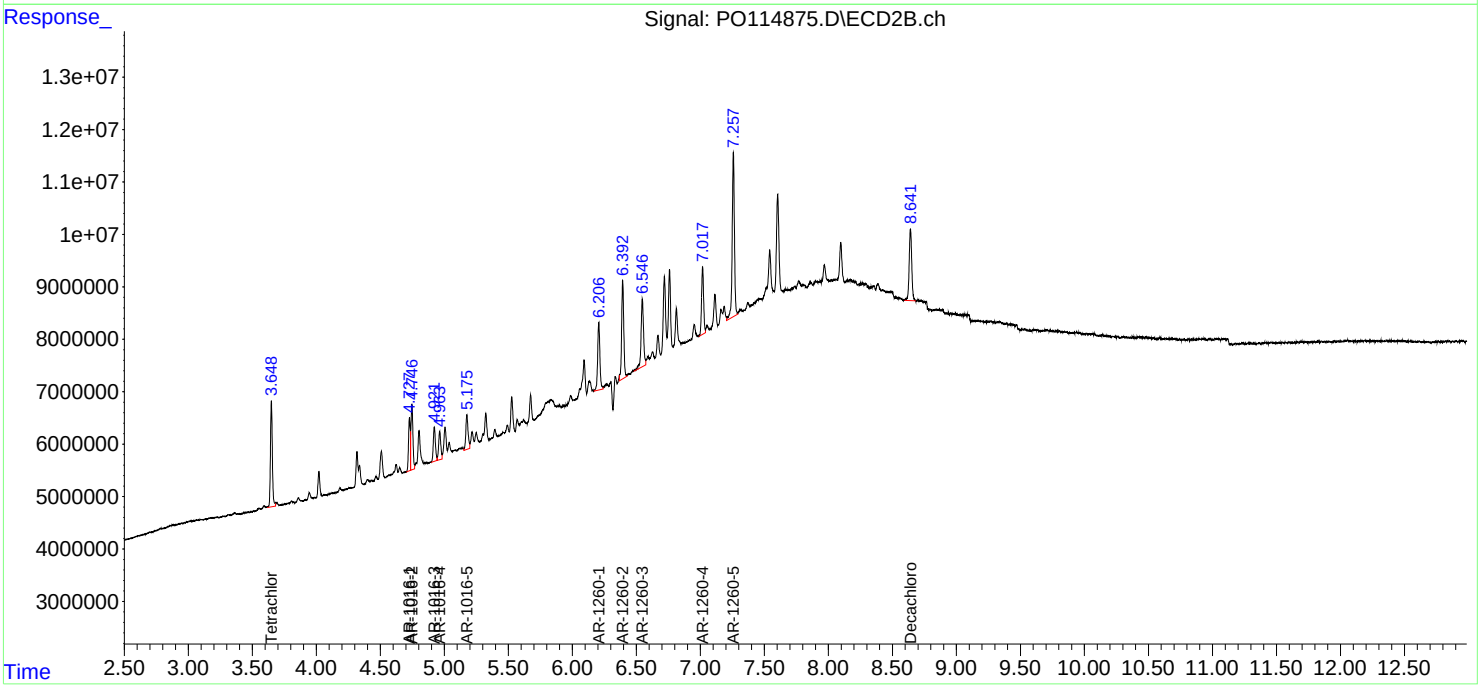
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

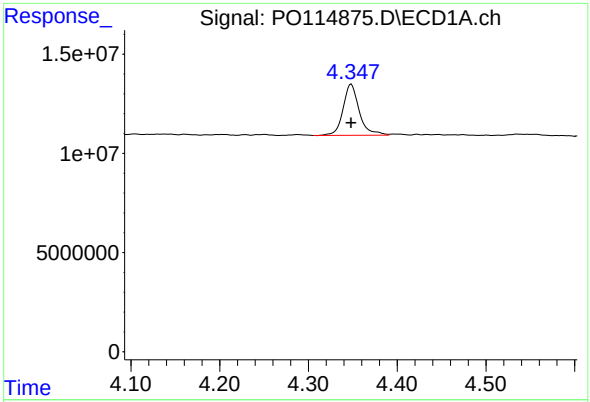
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

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







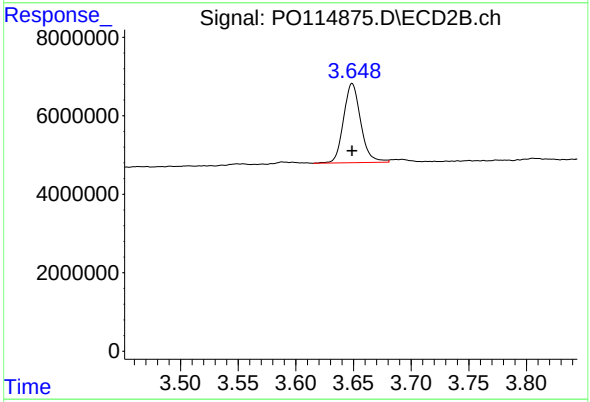
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

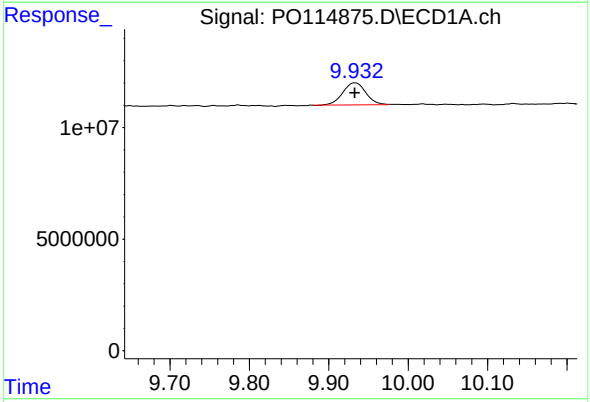
Manual Integrations APPROVED

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



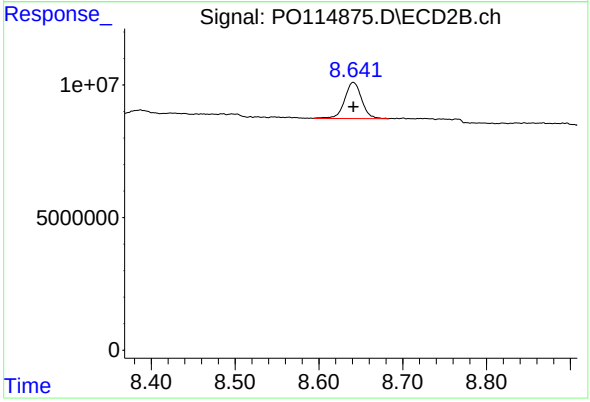
#1 Tetrachloro-m-xylene

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



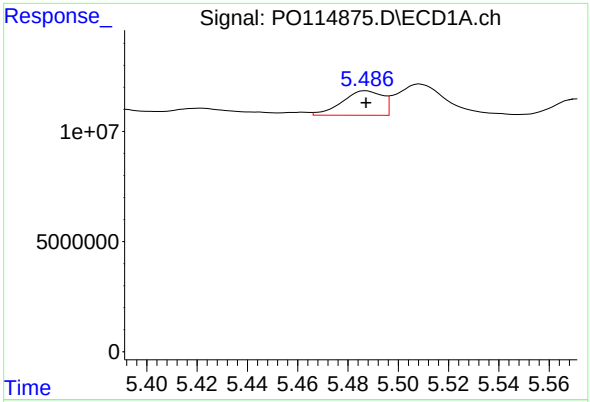
#2 Decachlorobiphenyl

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



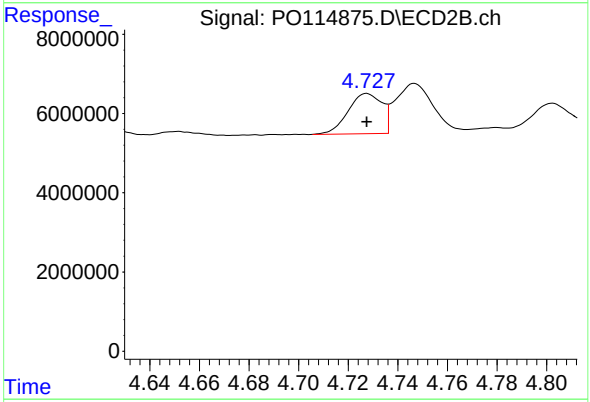
#3 AR-1016-1

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

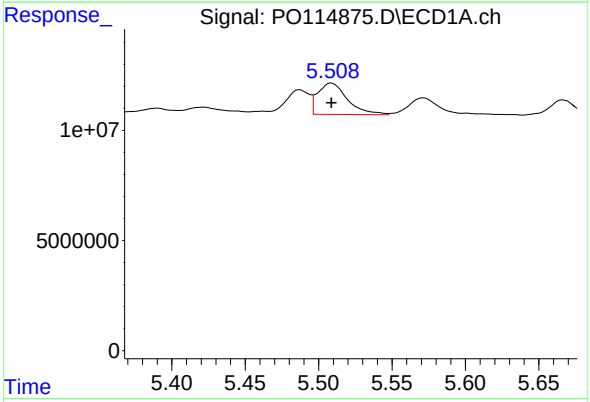
Manual Integrations APPROVED

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



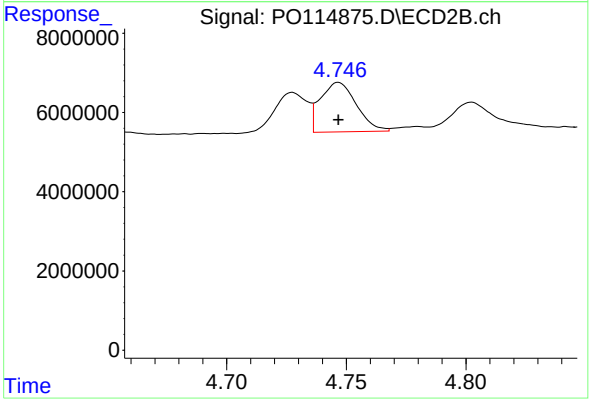
#3 AR-1016-1

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



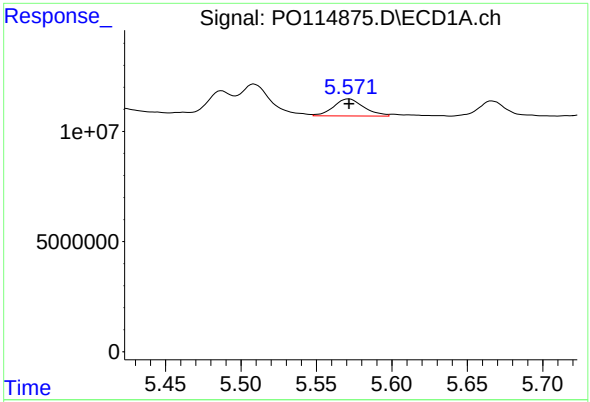
#4 AR-1016-2

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



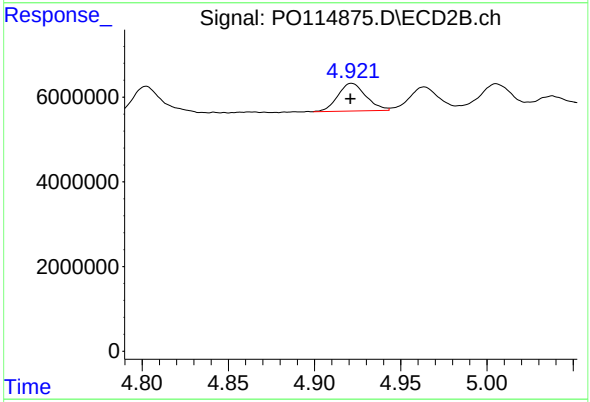
#5 AR-1016-3

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

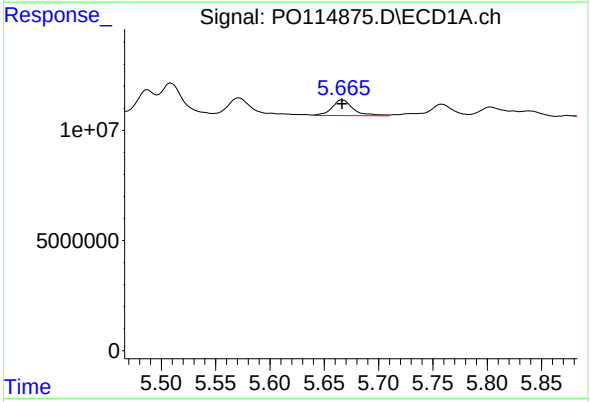
Manual Integrations APPROVED

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



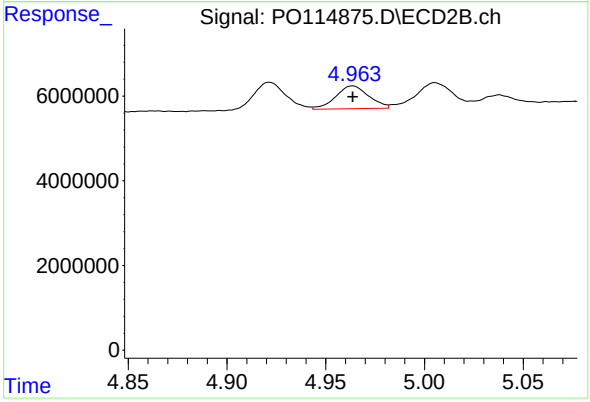
#5 AR-1016-3

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



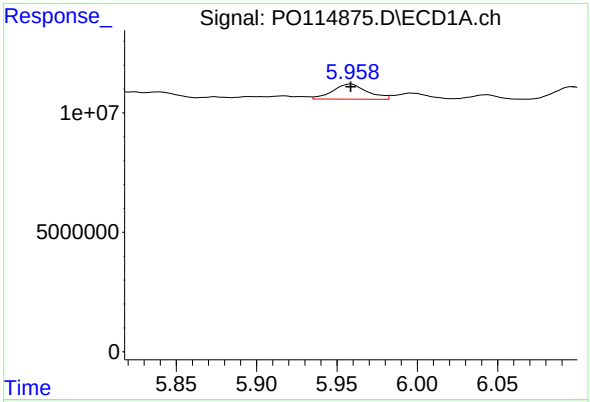
#6 AR-1016-4

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



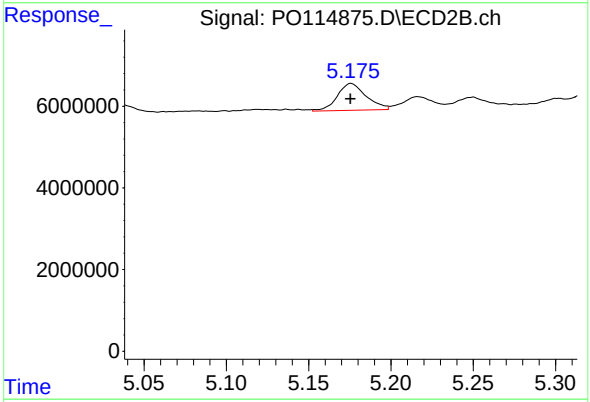
#7 AR-1016-5

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

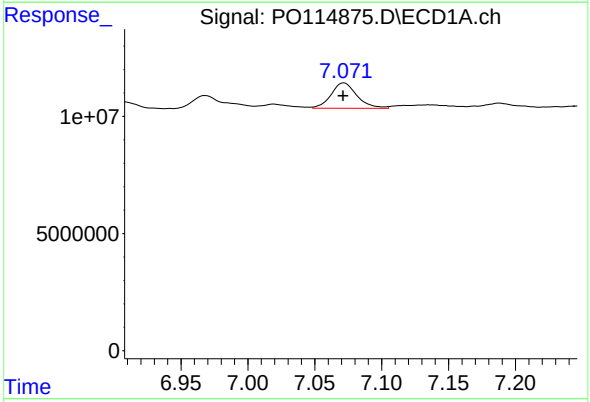
Manual Integrations APPROVED

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



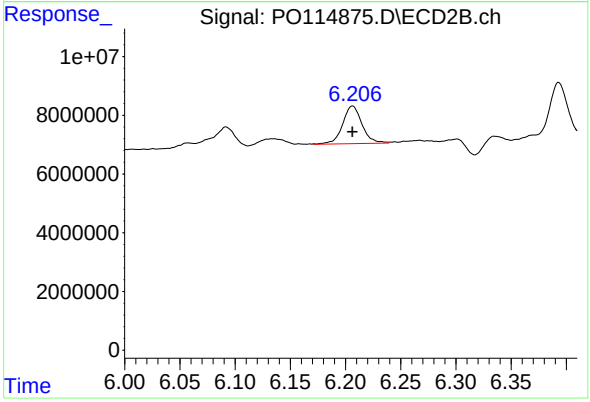
#7 AR-1016-5

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



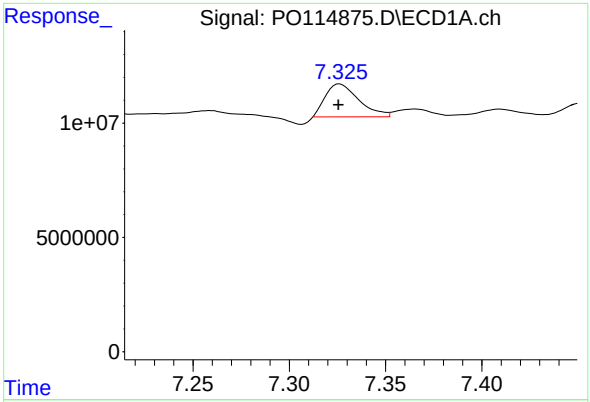
#31 AR-1260-1

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



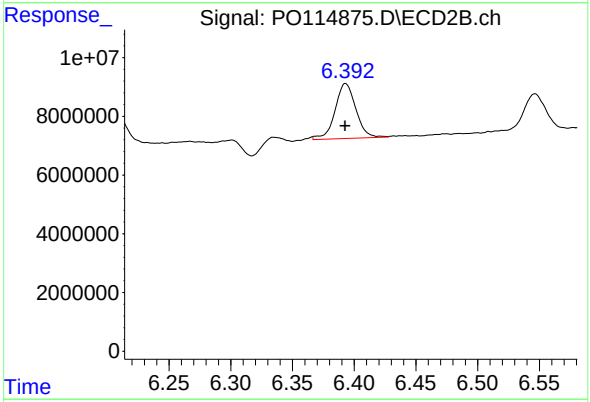
#32 AR-1260-2

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

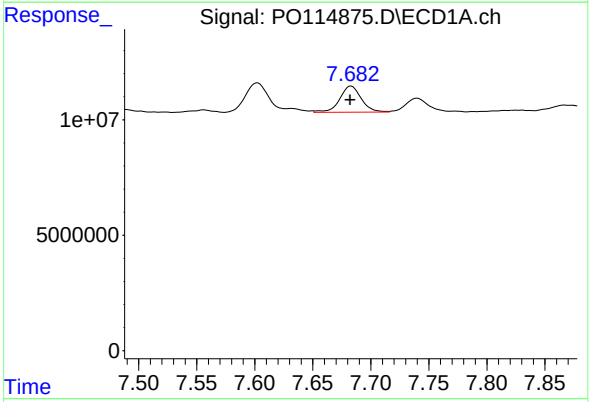
Manual Integrations APPROVED

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



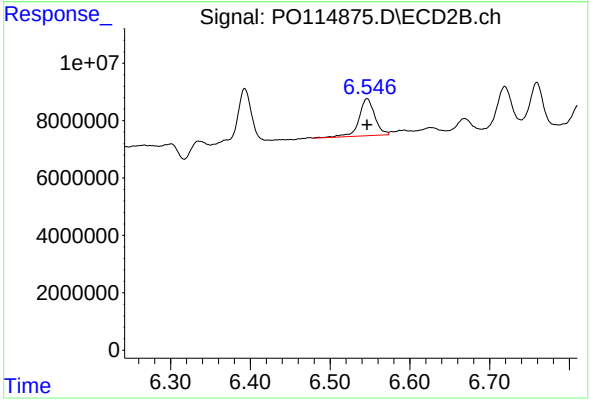
#32 AR-1260-2

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



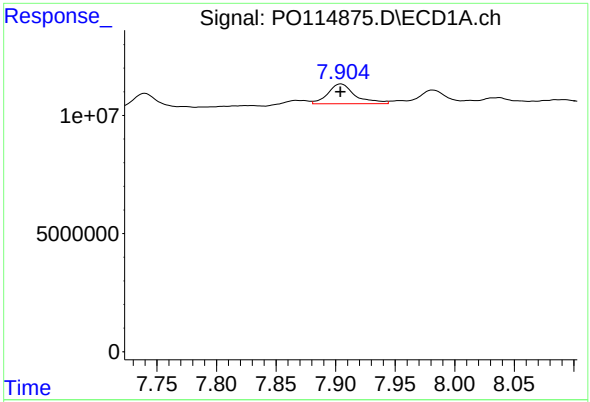
#33 AR-1260-3

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



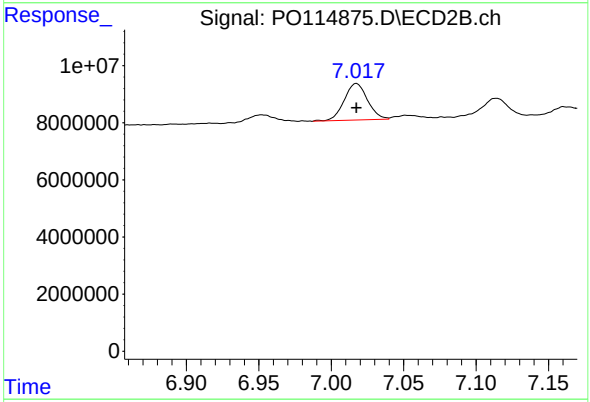
#34 AR-1260-4

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

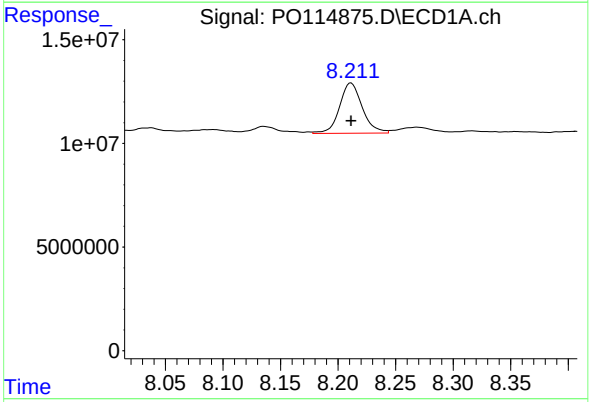
Manual Integrations APPROVED

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



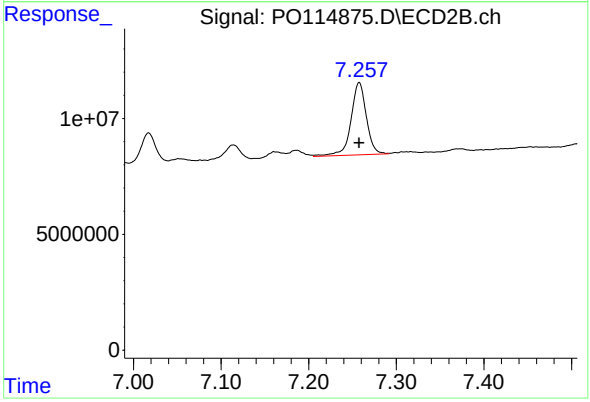
#34 AR-1260-4

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

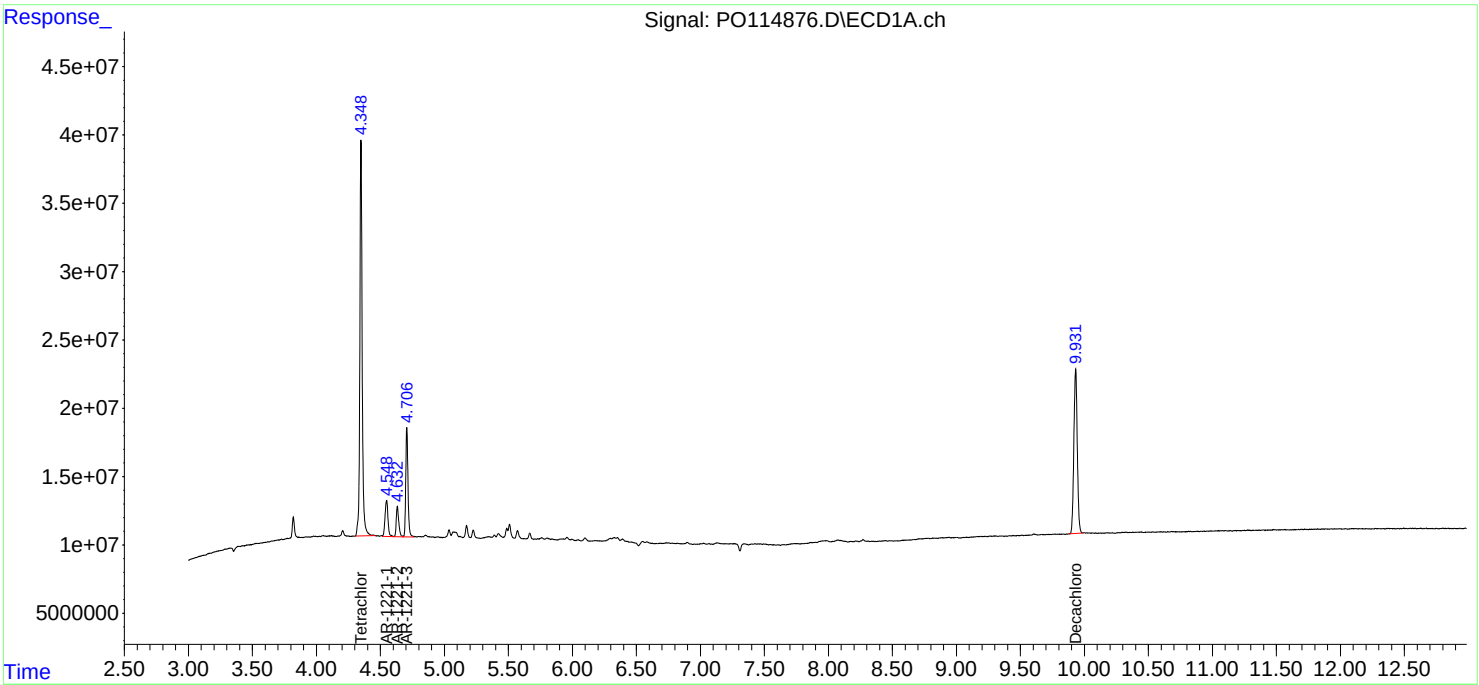
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

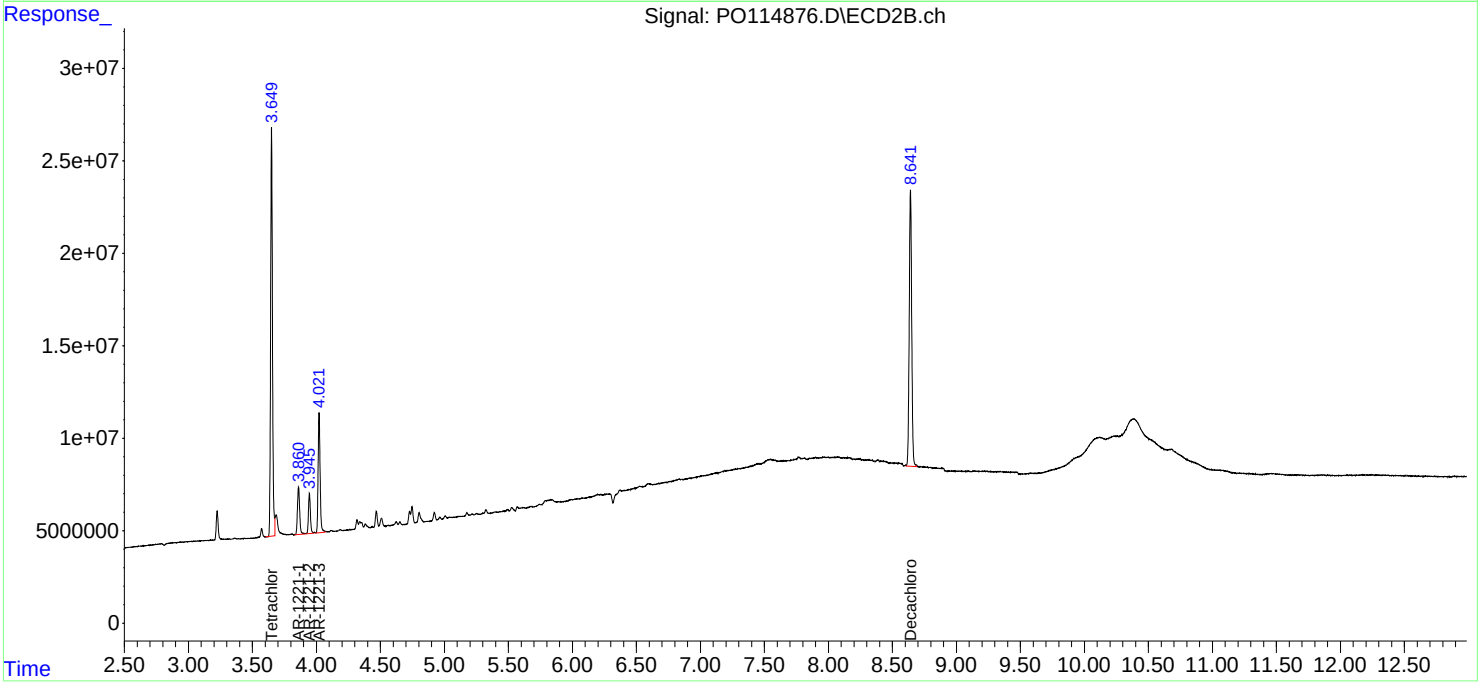
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:11
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

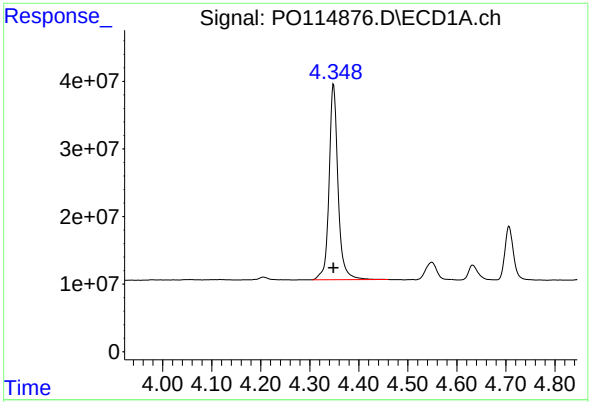
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

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



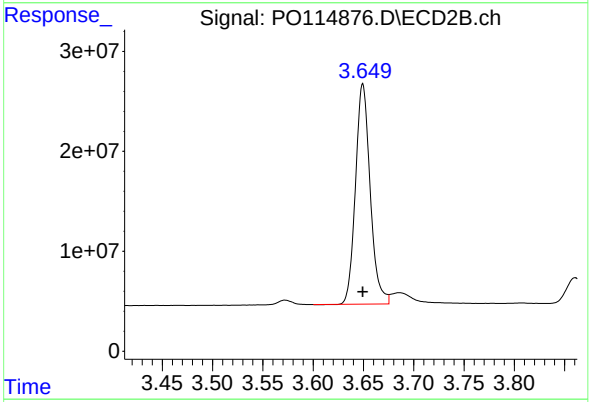




#1 Tetrachloro-m-xylene

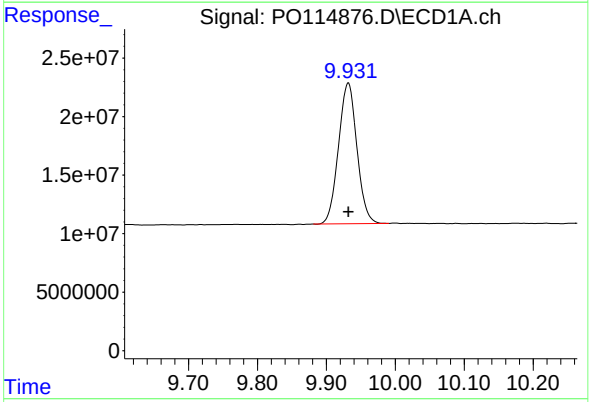
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 367548015
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



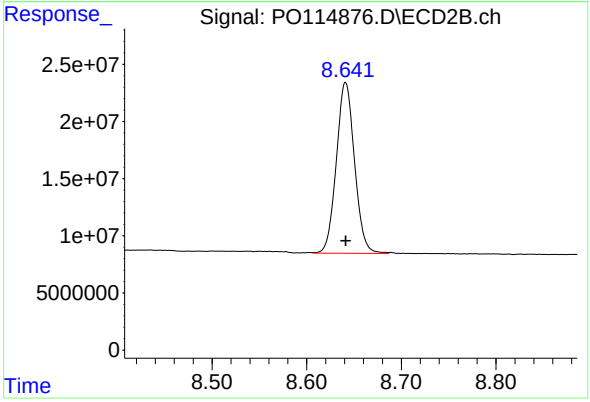
#1 Tetrachloro-m-xylene

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



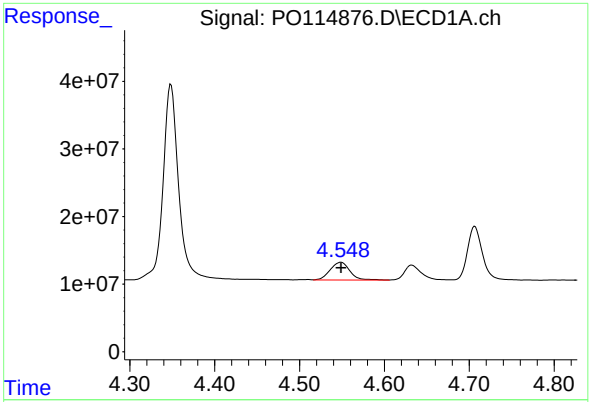
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

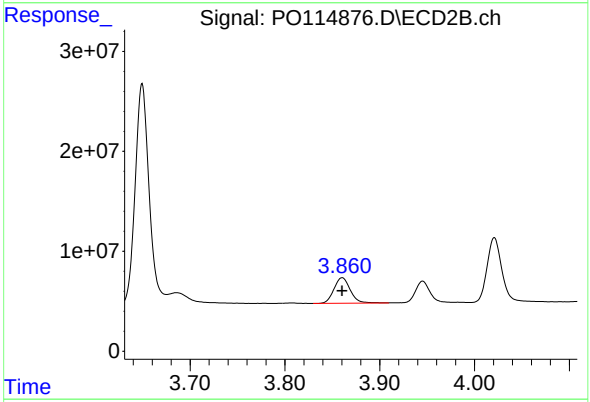
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 199526145
Conc: 50.00 ng/ml



#8 AR-1221-1

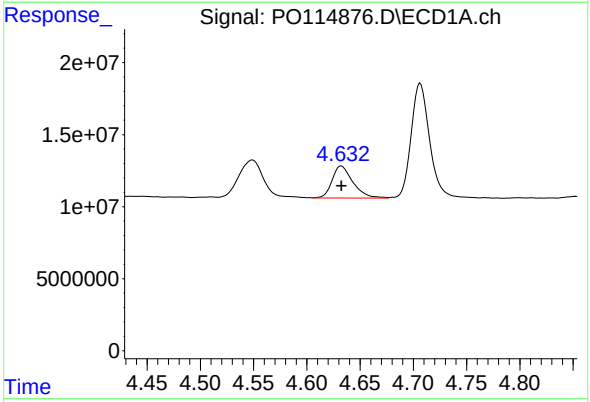
R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 42062015
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



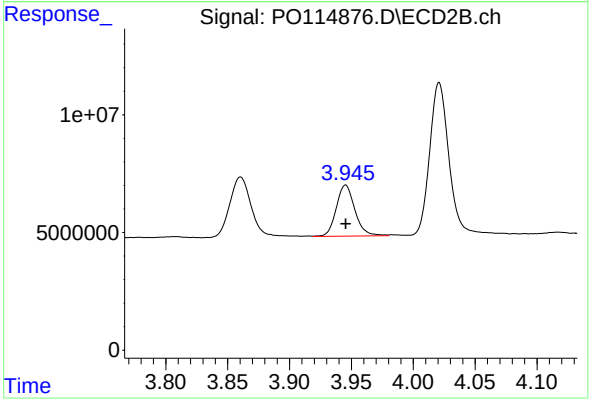
#8 AR-1221-1

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



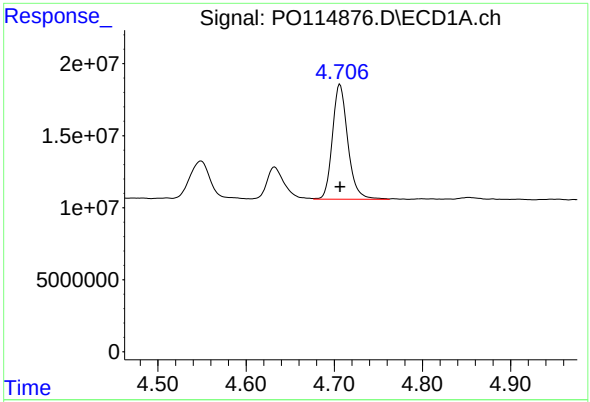
#9 AR-1221-2

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



#9 AR-1221-2

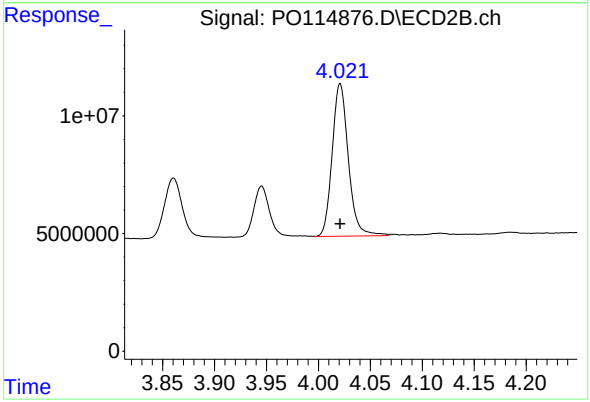
R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 22818522
Conc: 500.00 ng/ml



#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

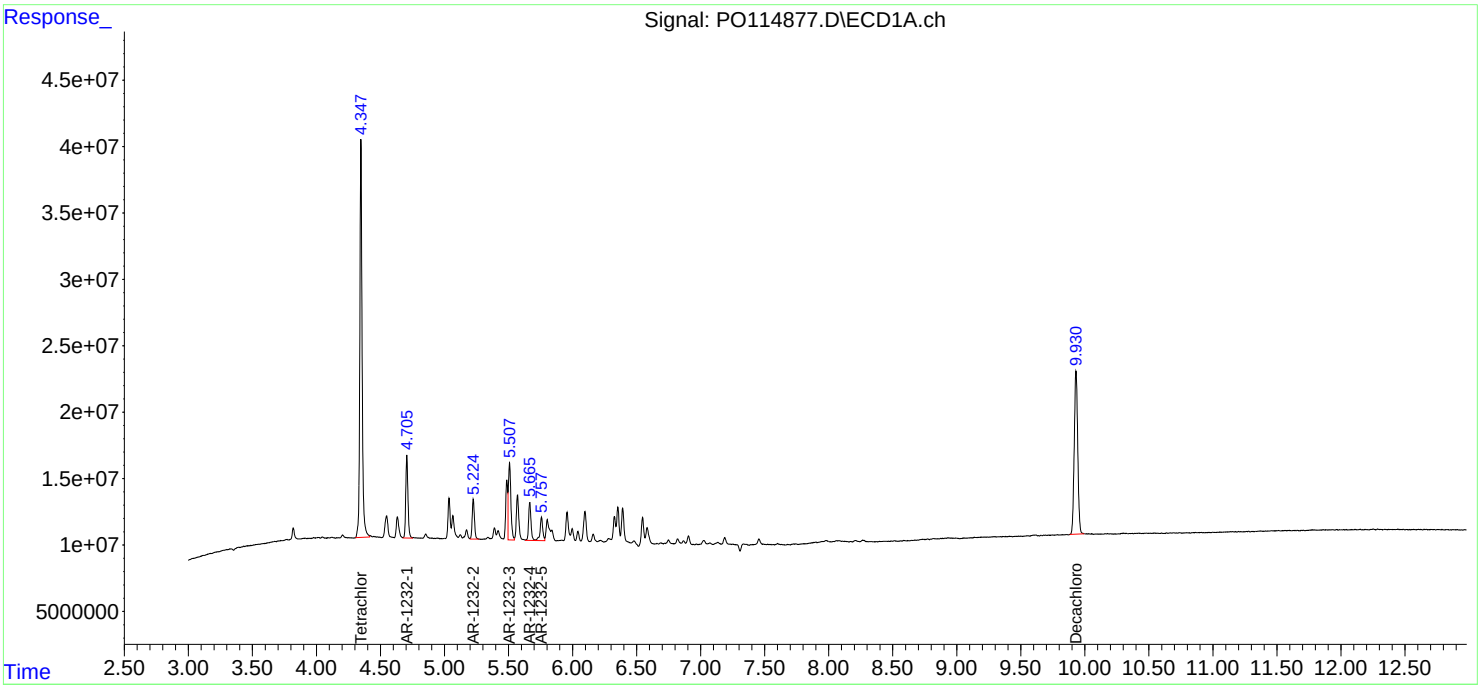
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

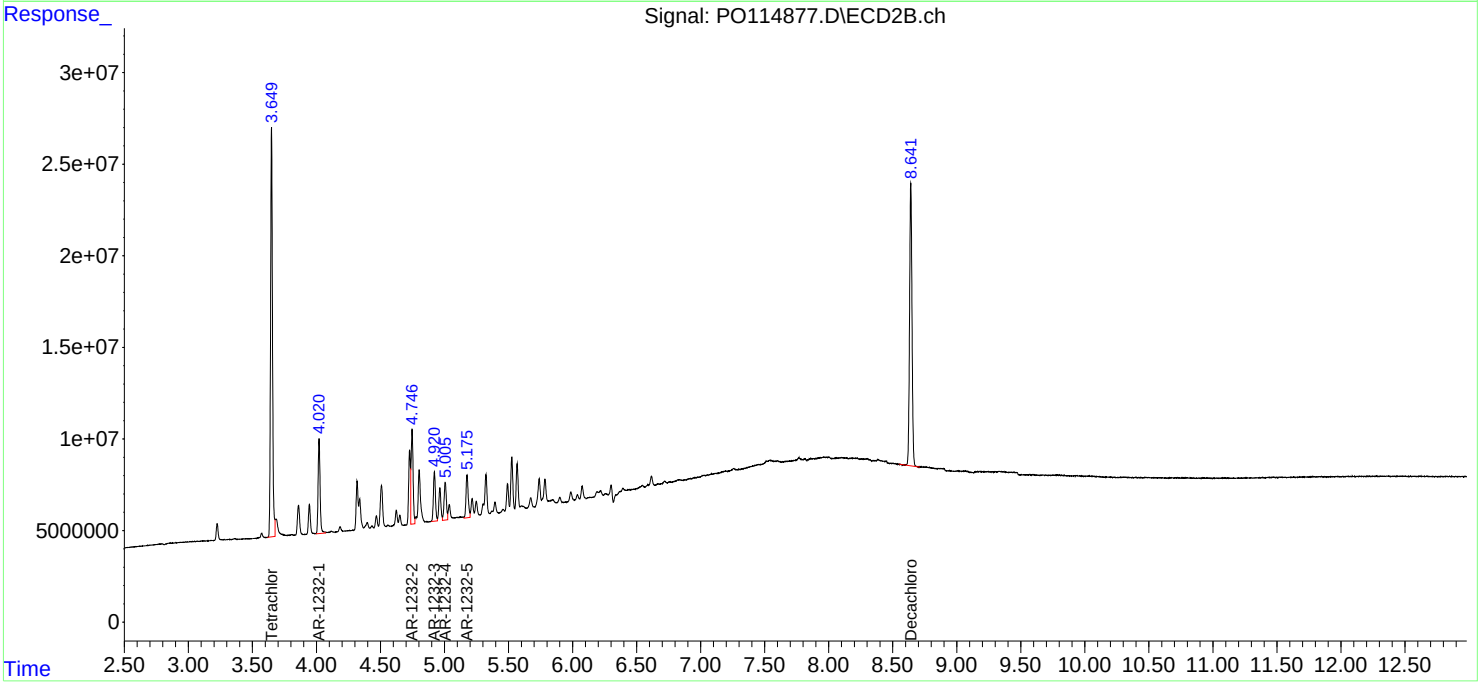
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:30
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

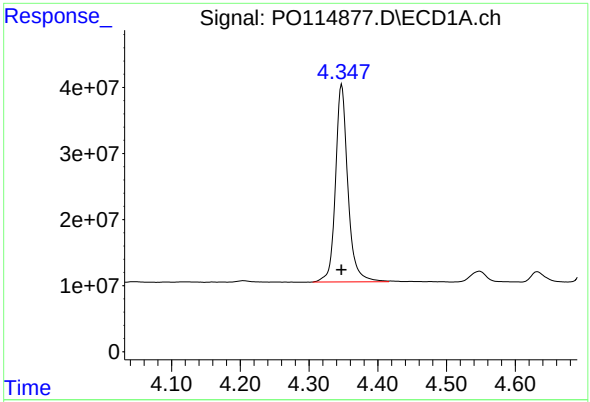
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

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



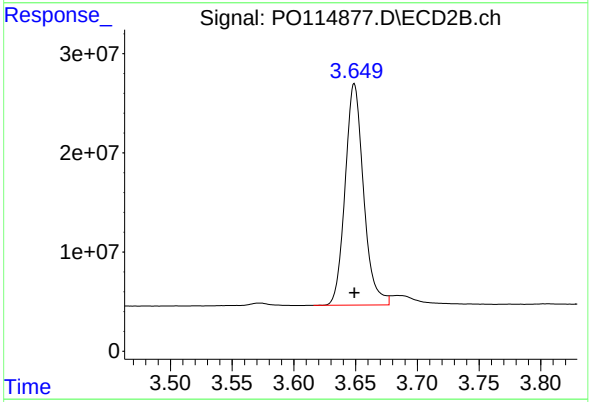




#1 Tetrachloro-m-xylene

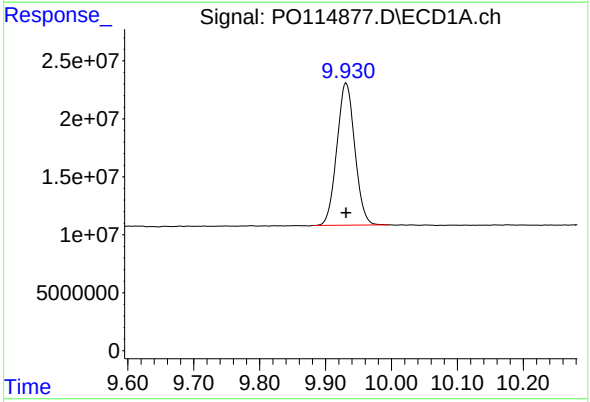
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 373365393
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



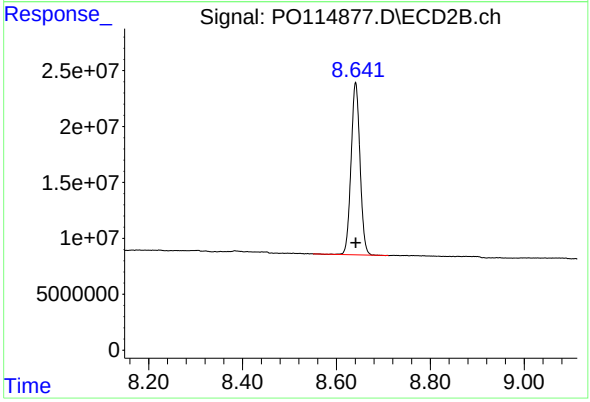
#1 Tetrachloro-m-xylene

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



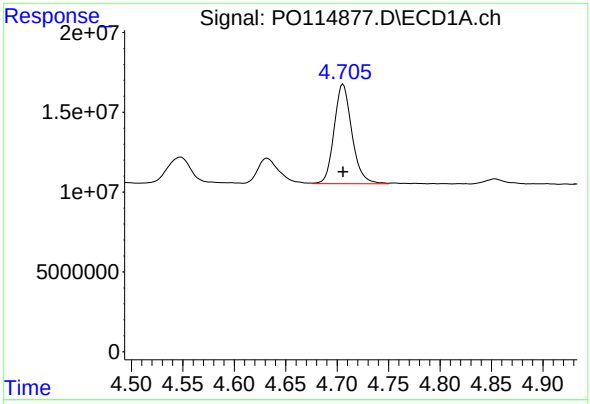
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

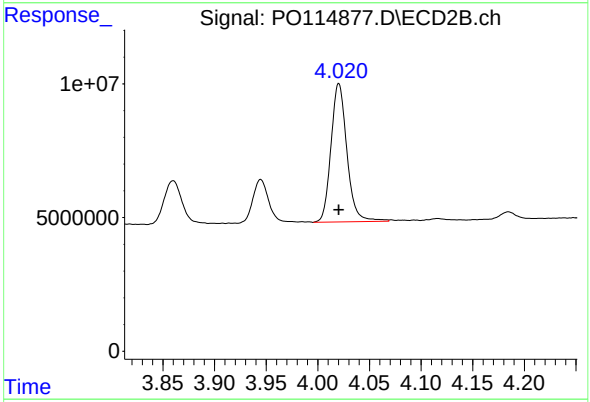
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 203608426
Conc: 50.00 ng/ml



#11 AR-1232-1

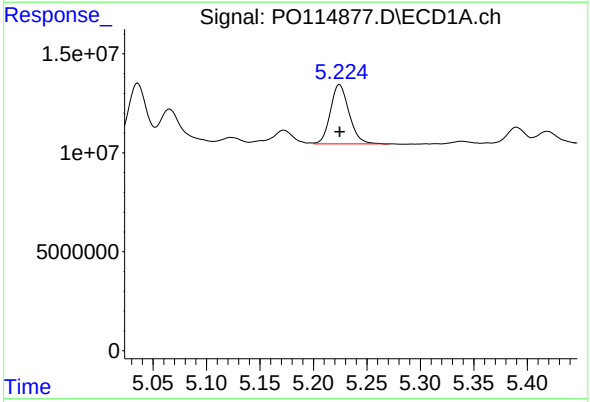
R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 75007315
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



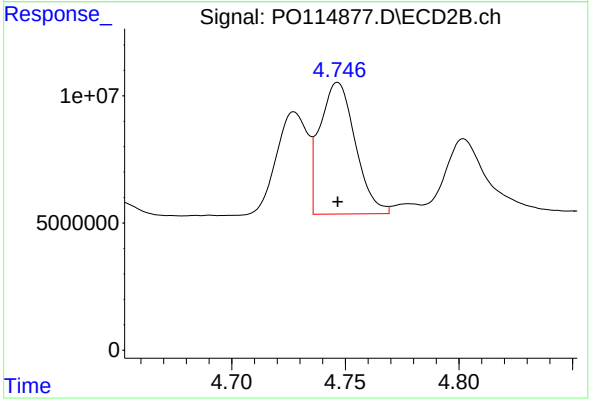
#11 AR-1232-1

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



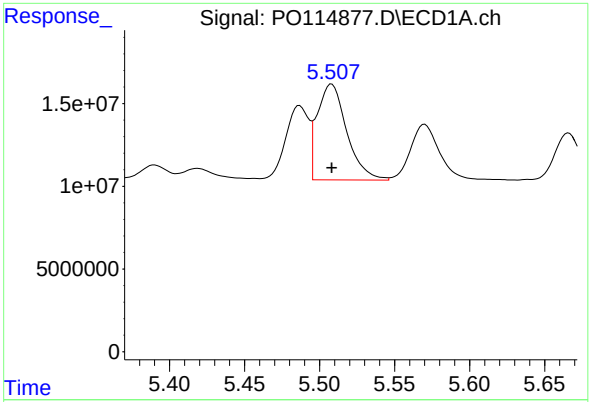
#12 AR-1232-2

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



#12 AR-1232-2

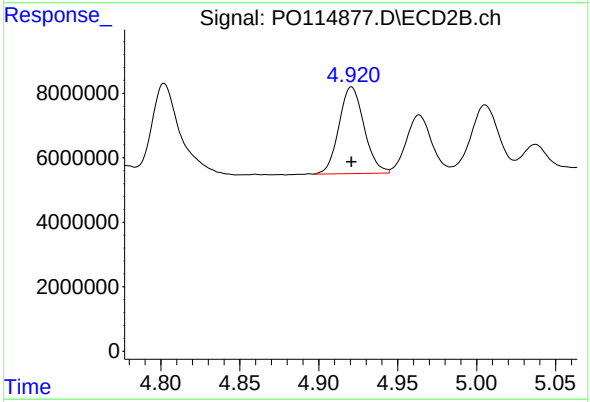
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 56047490
Conc: 500.00 ng/ml



#13 AR-1232-3

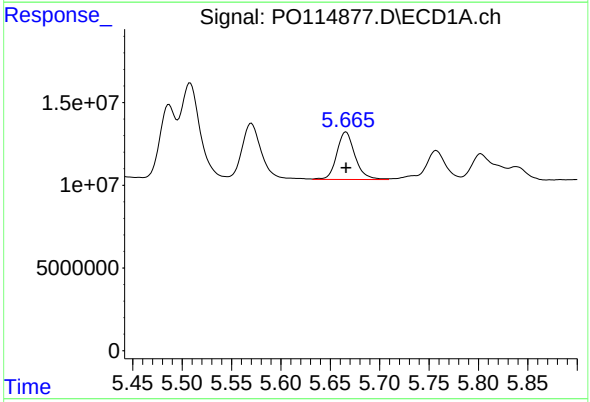
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 79337557
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



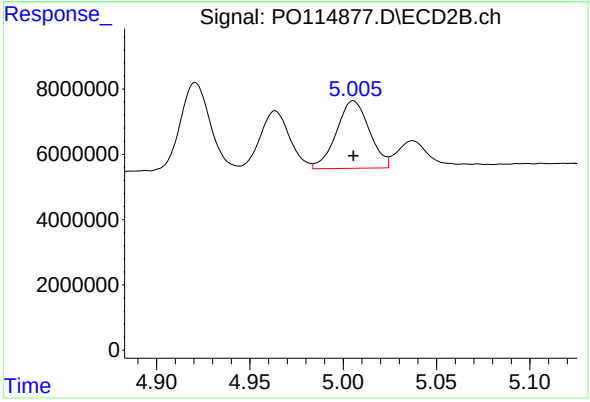
#13 AR-1232-3

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



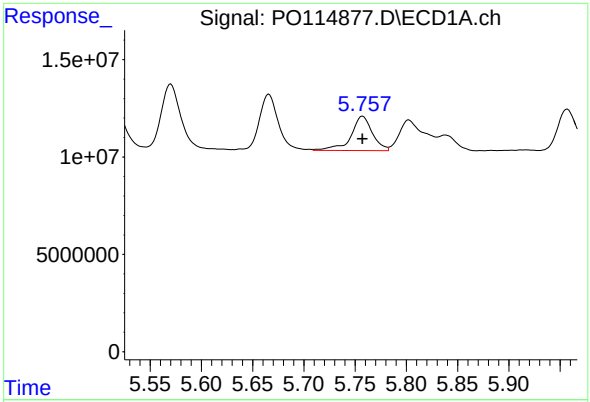
#14 AR-1232-4

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



#14 AR-1232-4

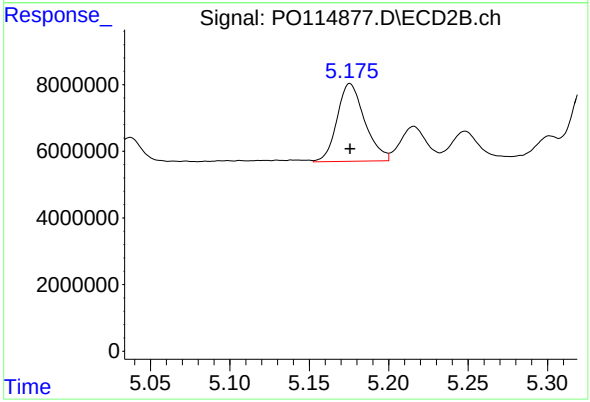
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 25444495
Conc: 500.00 ng/ml



#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

ICAL Form

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:52:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	734.8E6	480.0E6	98.758	98.347
2)	SA Decachlor...	9.932	8.642	473.0E6	409.3E6	98.660	96.347
	Target Compounds						
16)	L4 AR-1242-1	5.487	4.728	180.4E6	138.3E6	974.605	962.566
17)	L4 AR-1242-2	5.509	4.747	290.6E6	199.9E6	974.478	966.127
18)	L4 AR-1242-3	5.570	4.921	164.4E6	108.2E6	971.984	963.489
19)	L4 AR-1242-4	5.667	5.005	136.8E6	101.9E6	966.255	961.849
20)	L4 AR-1242-5	6.392	5.526	138.4E6	136.0E6	976.570	965.656

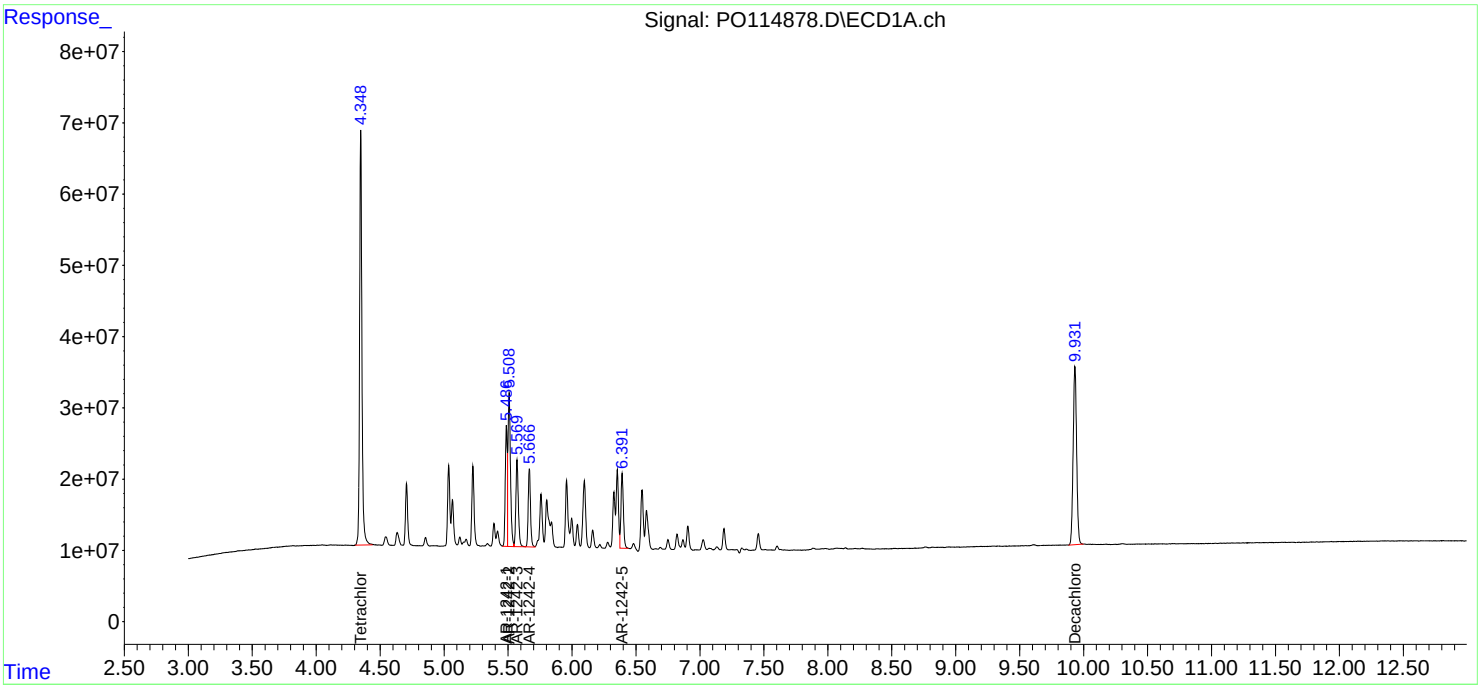
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

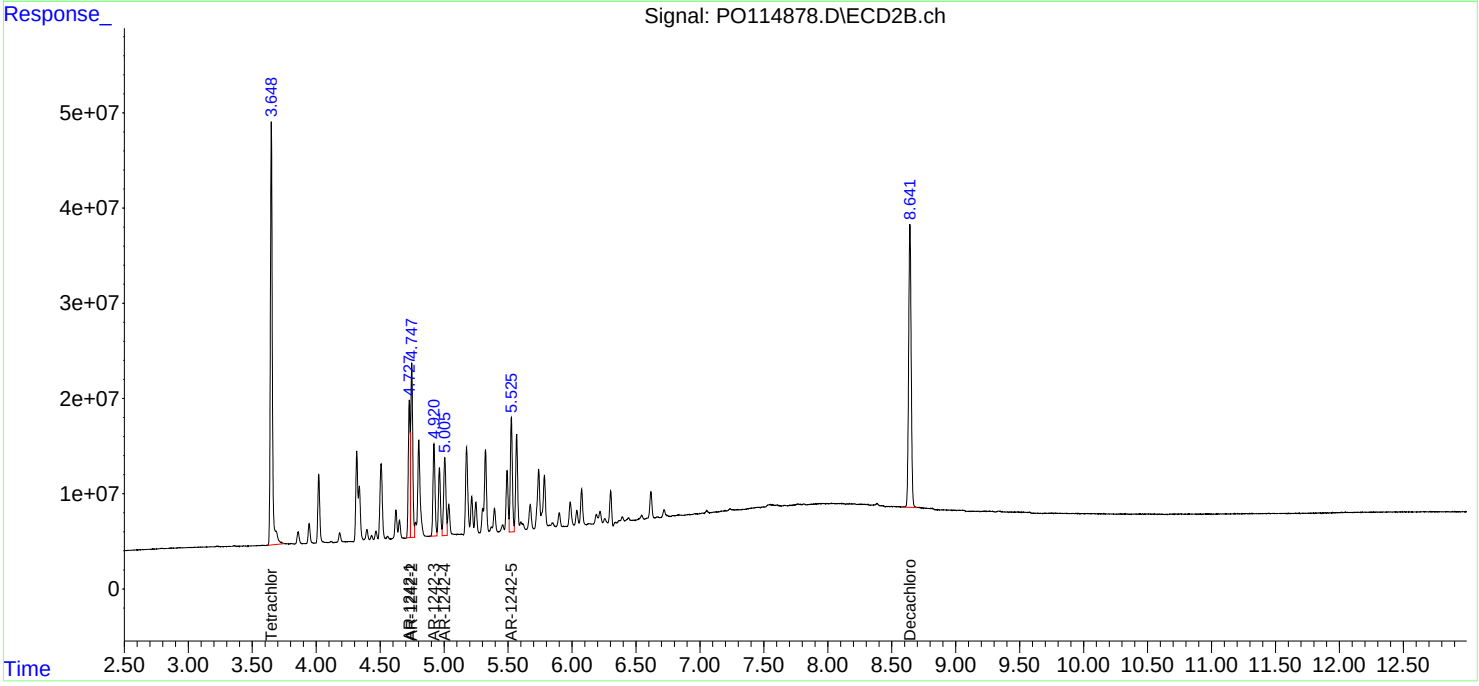
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:48
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

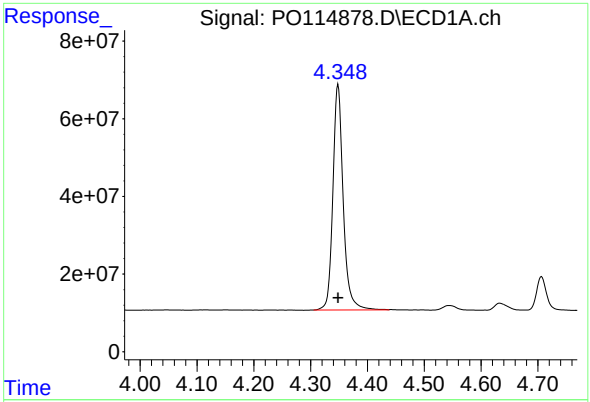
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:52:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



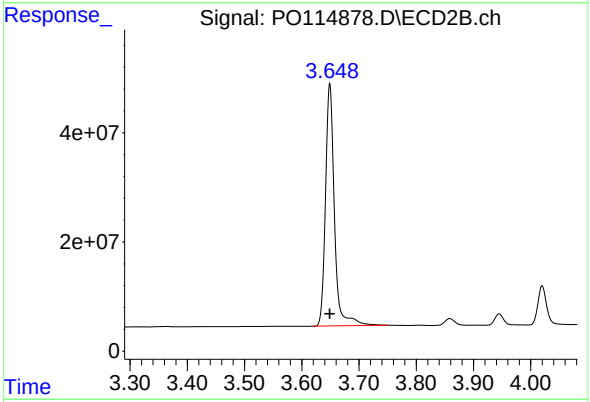




#1 Tetrachloro-m-xylene

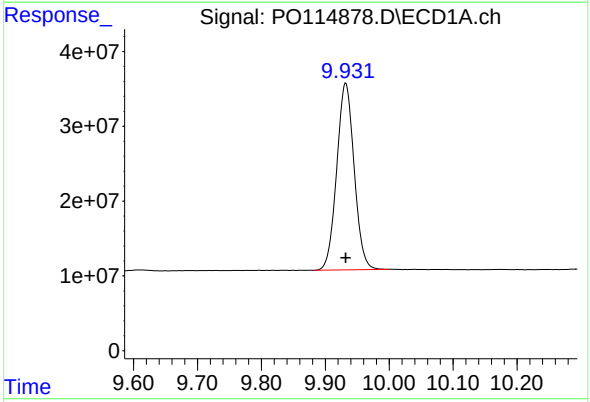
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 734800460
Conc: 98.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



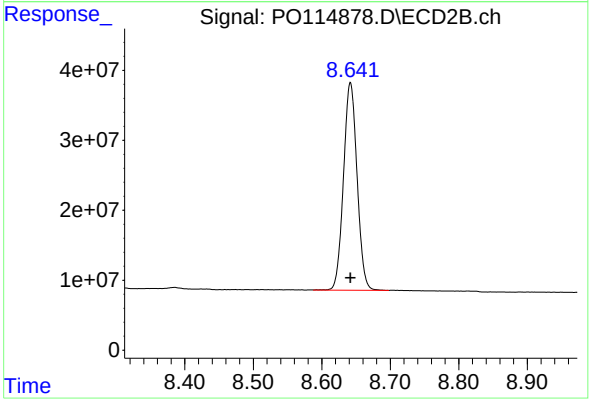
#1 Tetrachloro-m-xylene

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



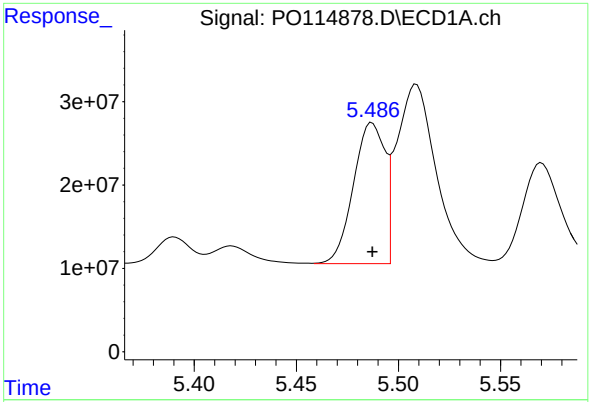
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

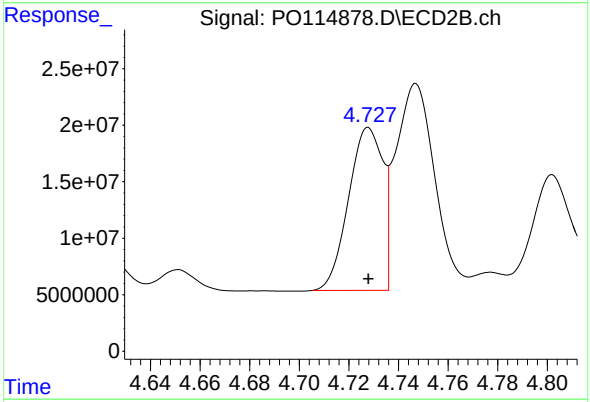
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 409330038
Conc: 96.35 ng/ml



#16 AR-1242-1

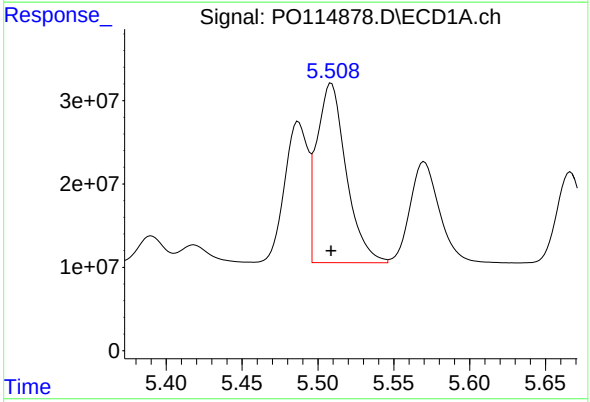
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 180395803
Conc: 974.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



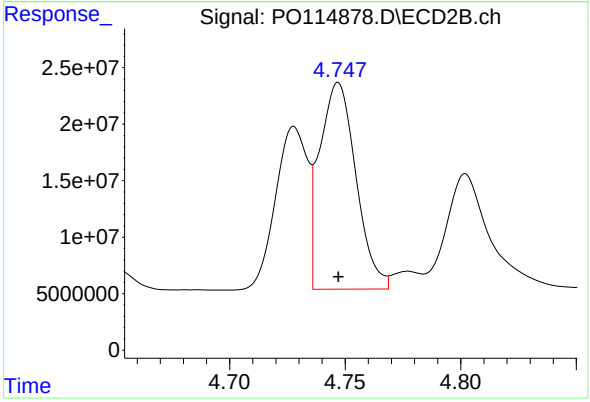
#16 AR-1242-1

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



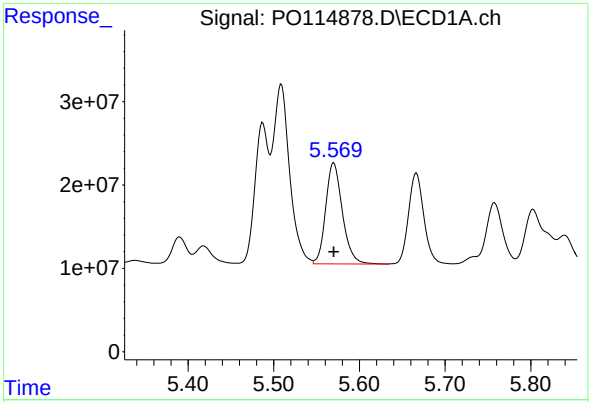
#17 AR-1242-2

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



#17 AR-1242-2

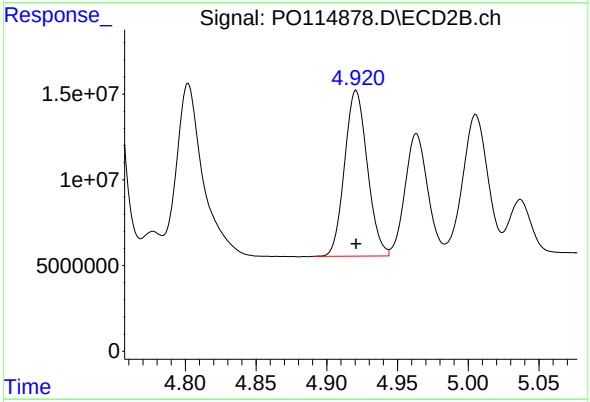
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 199908386
Conc: 966.13 ng/ml



#18 AR-1242-3

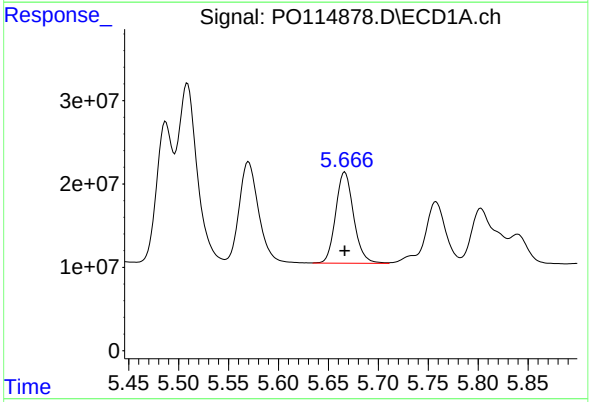
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 164449629
Conc: 971.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



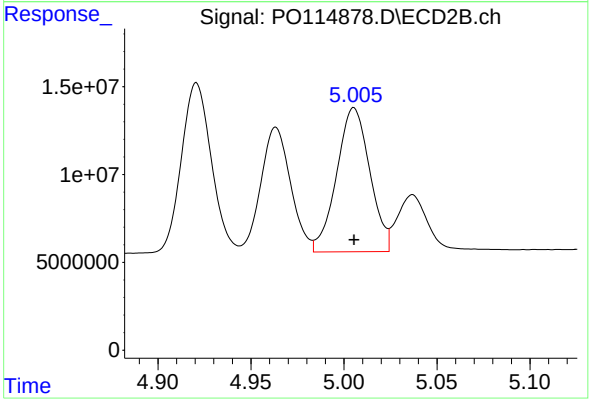
#18 AR-1242-3

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



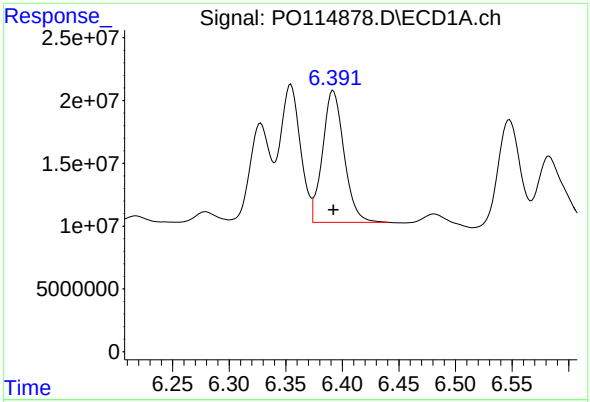
#19 AR-1242-4

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



#19 AR-1242-4

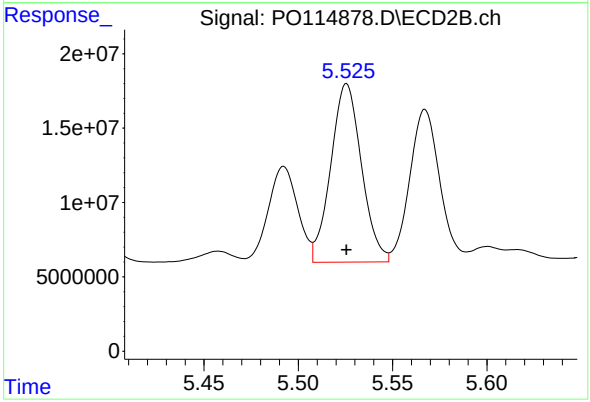
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 101919263
Conc: 961.85 ng/ml



#20 AR-1242-5

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 138362947
Conc: 976.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 135980897
Conc: 965.66 ng/ml

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:55:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	558.4E6	351.3E6	75.032	72.950
2)	SA Decachlor...	9.930	8.641	360.4E6	322.6E6	75.113	75.624
	Target Compounds						
16)	L4 AR-1242-1	5.487	4.728	138.4E6	108.3E6	748.334	752.466
17)	L4 AR-1242-2	5.508	4.747	221.7E6	153.7E6	745.677	745.260
18)	L4 AR-1242-3	5.570	4.921	125.8E6	84172141	745.539	749.608
19)	L4 AR-1242-4	5.666	5.006	105.5E6	78976449	746.496	746.880
20)	L4 AR-1242-5	6.391	5.525	106.4E6	105.1E6	750.553	747.461

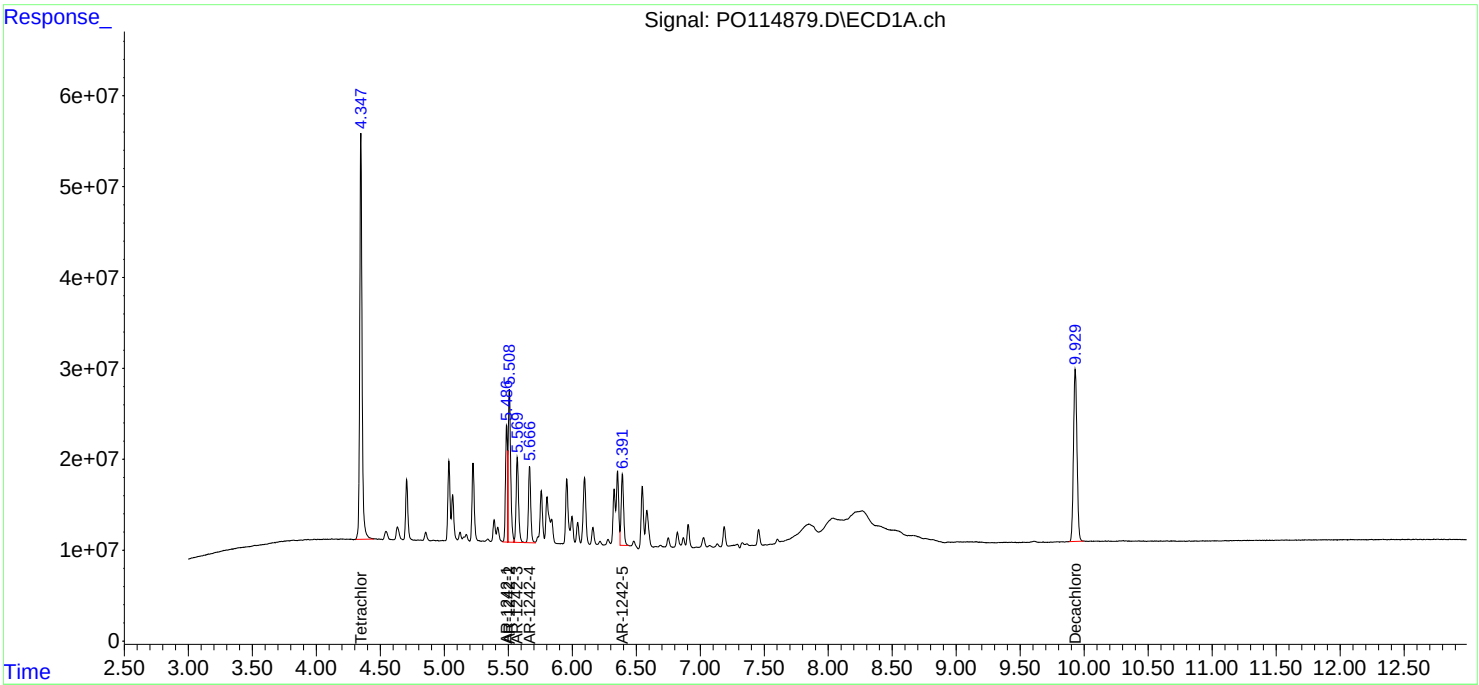
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

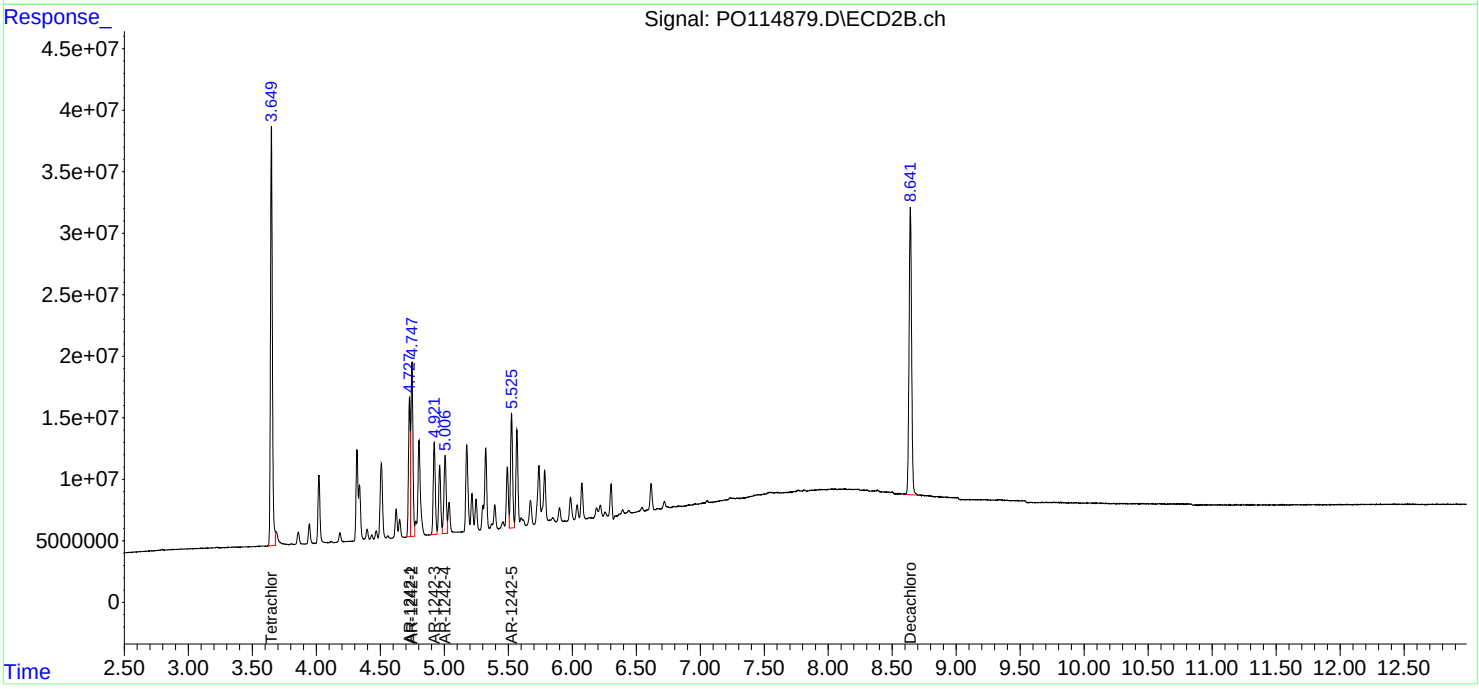
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:06
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

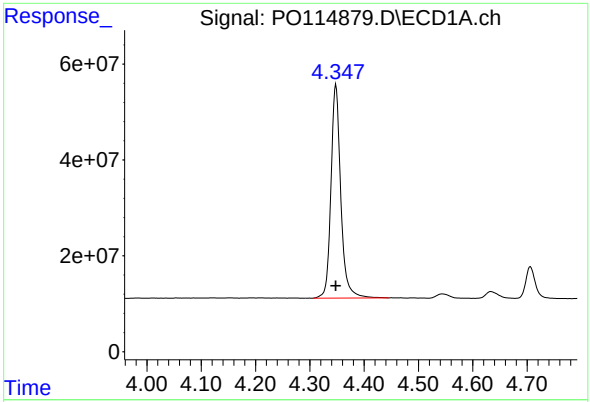
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:55:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



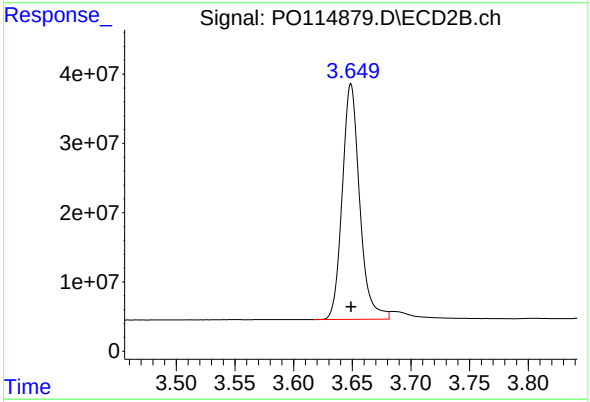




#1 Tetrachloro-m-xylene

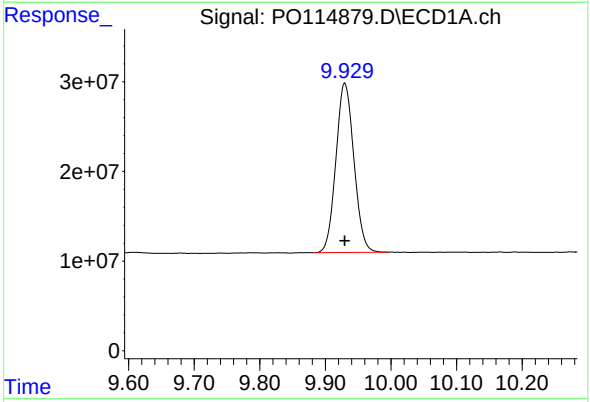
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 558390328
Conc: 75.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



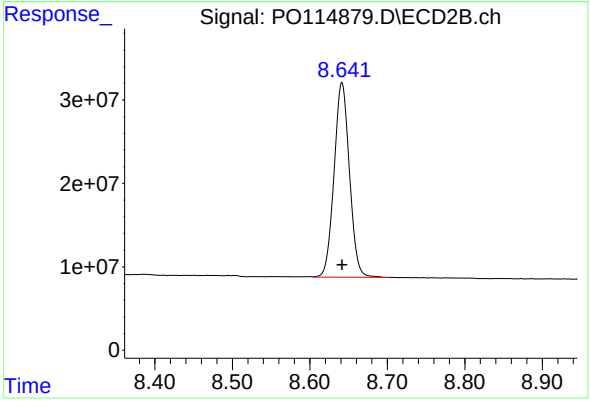
#1 Tetrachloro-m-xylene

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



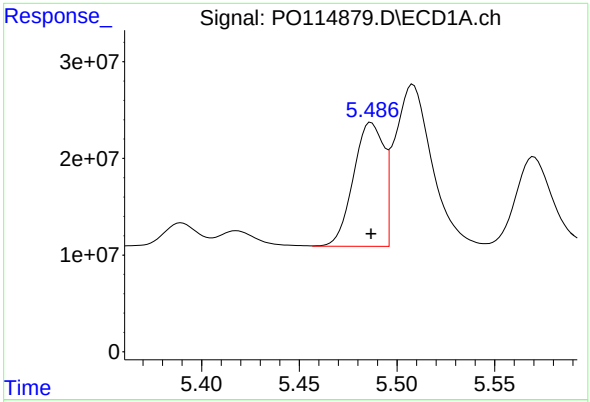
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

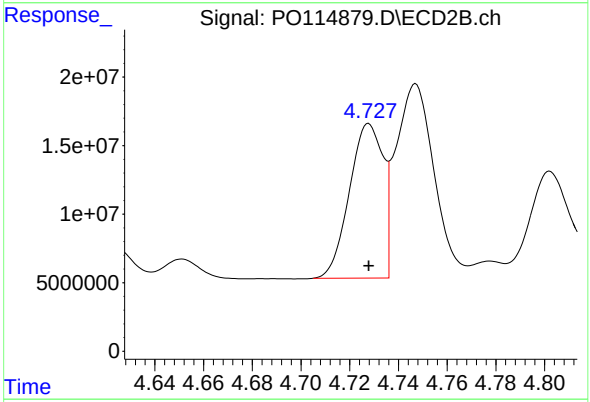
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 322630373
Conc: 75.62 ng/ml



#16 AR-1242-1

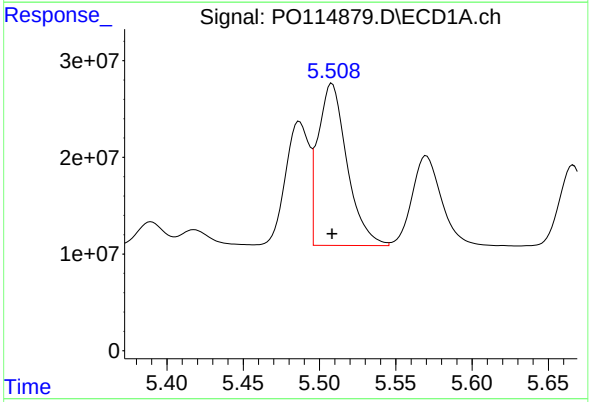
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 138360088
Conc: 748.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



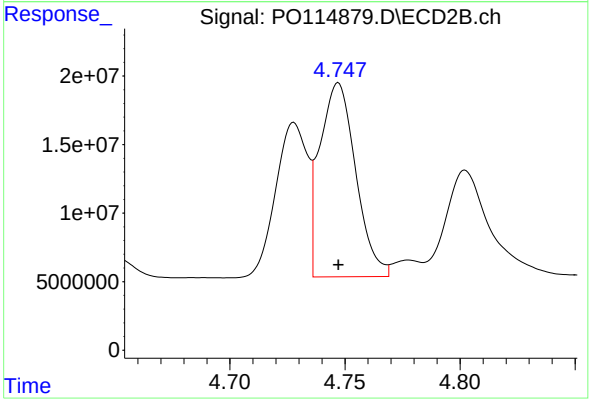
#16 AR-1242-1

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



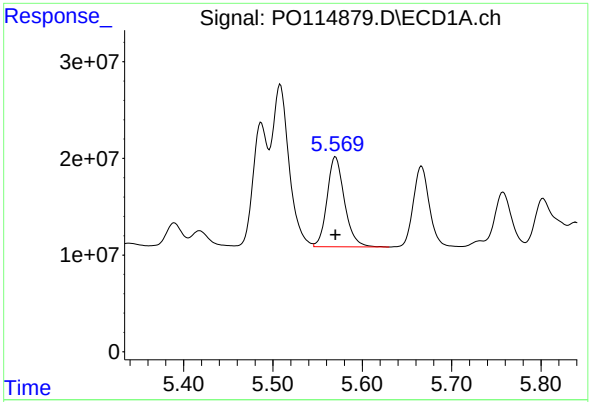
#17 AR-1242-2

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



#17 AR-1242-2

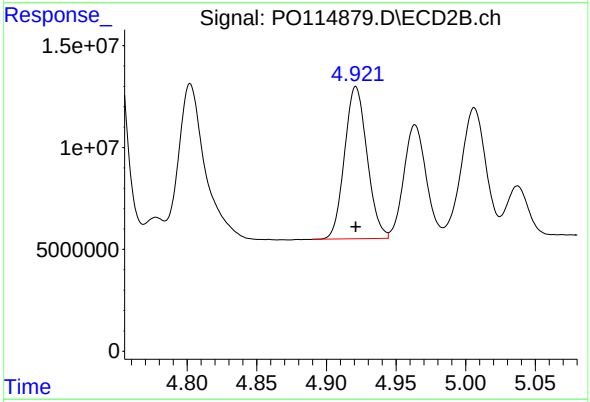
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 153721342
Conc: 745.26 ng/ml



#18 AR-1242-3

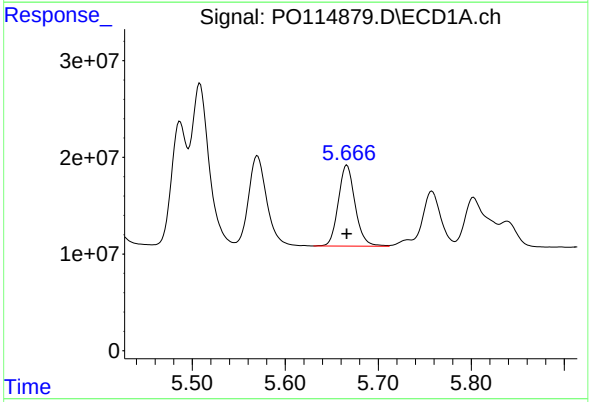
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 125763346
Conc: 745.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



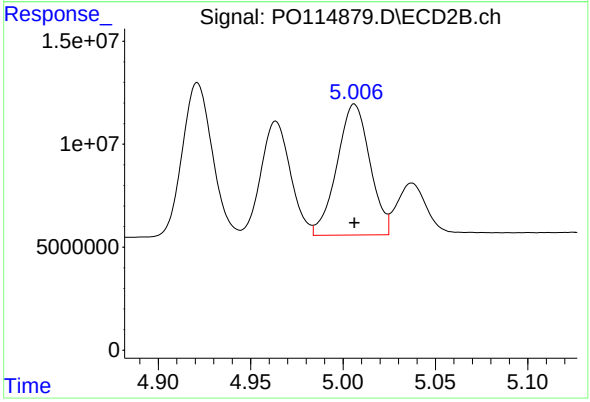
#18 AR-1242-3

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



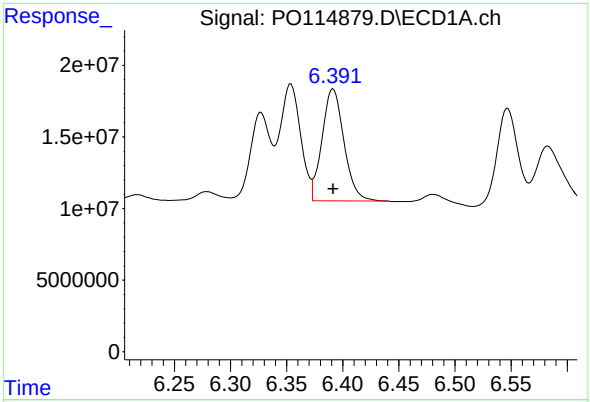
#19 AR-1242-4

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



#19 AR-1242-4

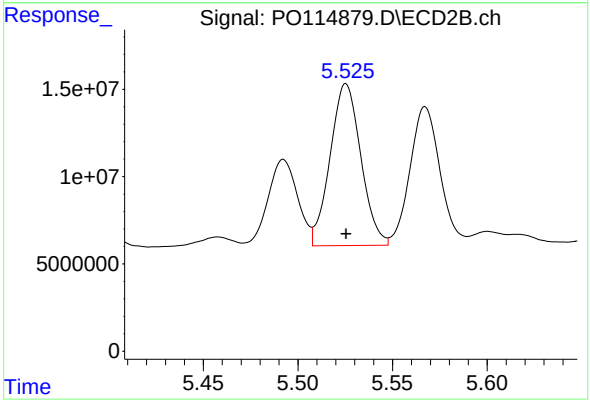
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 78976449
Conc: 746.88 ng/ml



#20 AR-1242-5

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 106379503
Conc: 750.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 105077370
Conc: 747.46 ng/ml

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:49:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	376.6E6	248.1E6	50.000	50.000
2)	SA Decachlor...	9.932	8.642	242.9E6	220.2E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.488	4.728	94898416	74554194	500.000	500.000
17)	L4 AR-1242-2	5.509	4.747	152.9E6	107.0E6	500.000	500.000
18)	L4 AR-1242-3	5.571	4.922	86964841	58209186	500.000	500.000
19)	L4 AR-1242-4	5.667	5.006	73201423	55002215	500.000	500.000
20)	L4 AR-1242-5	6.393	5.526	72501094	72826705	500.000	500.000

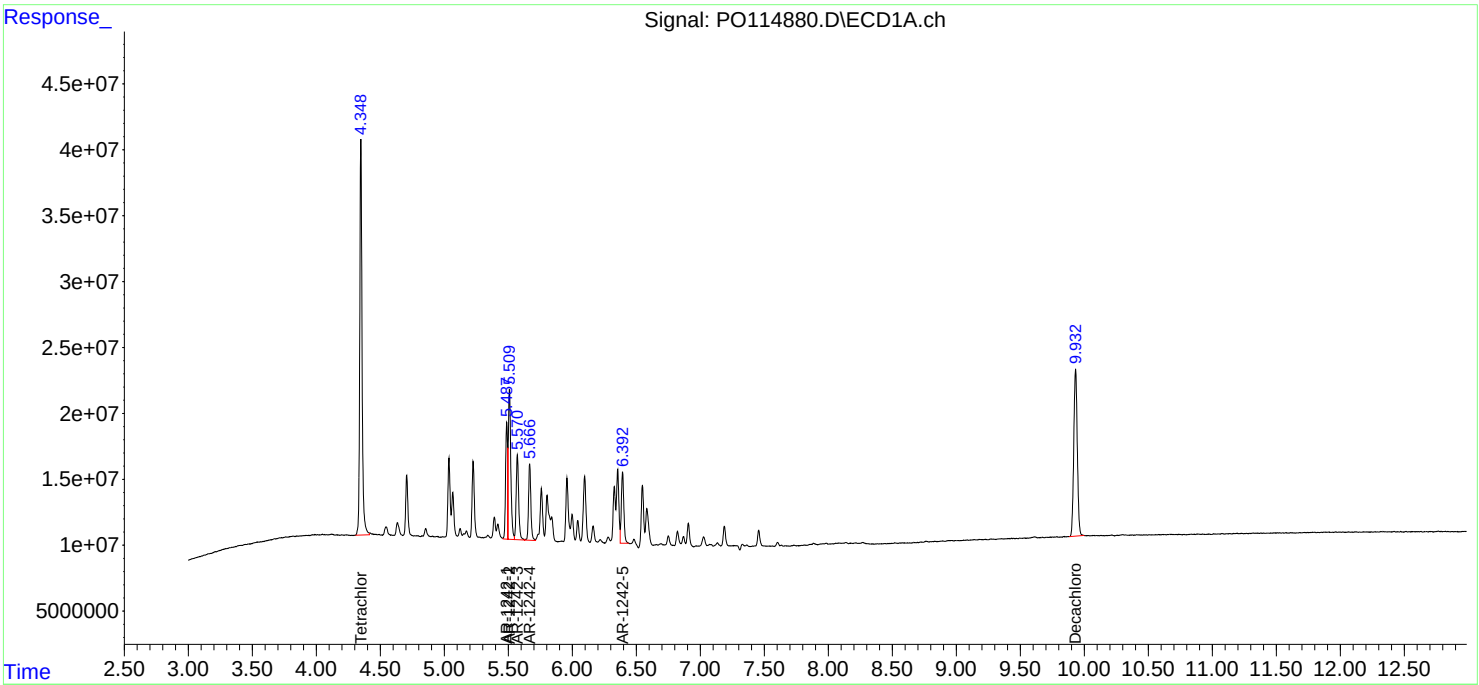
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

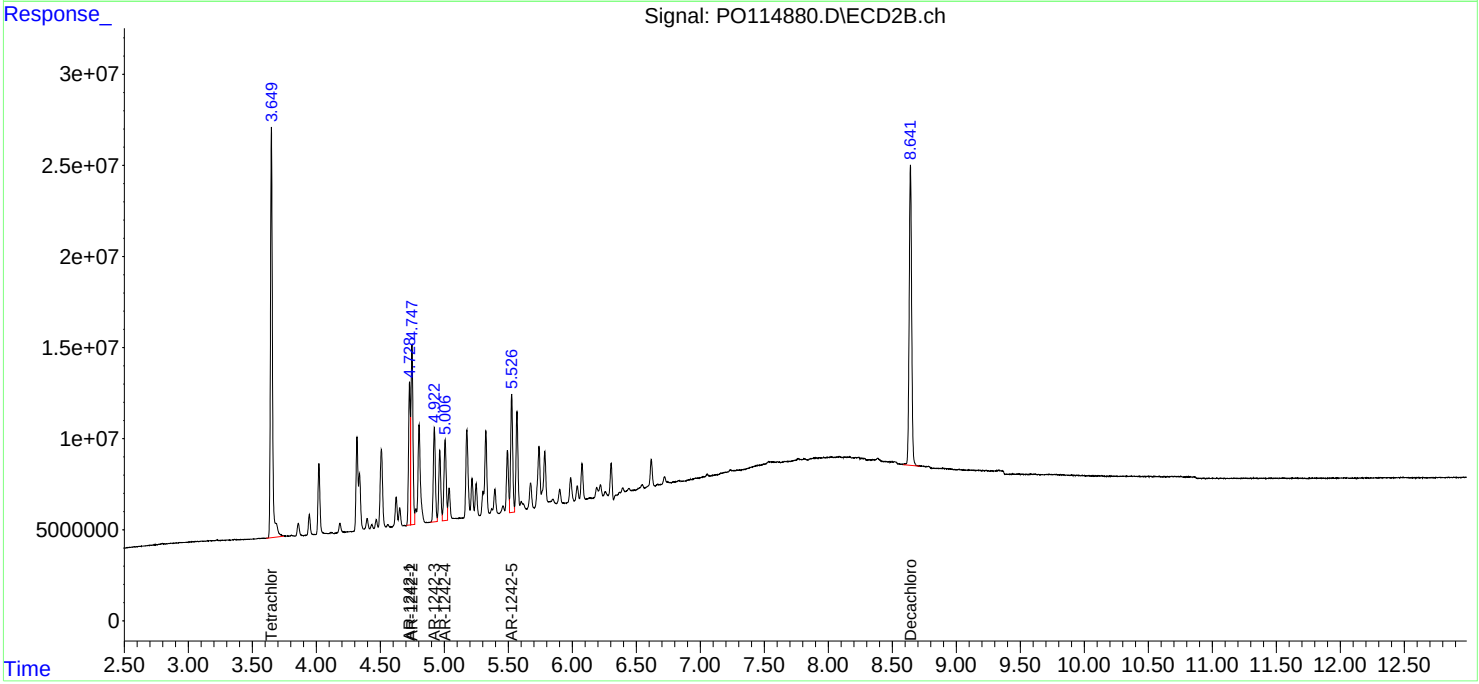
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:25
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

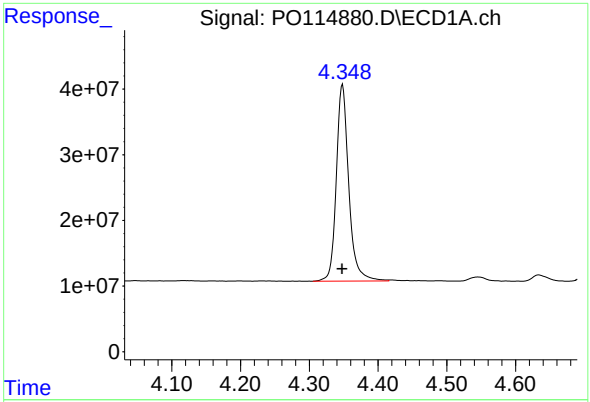
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:49:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



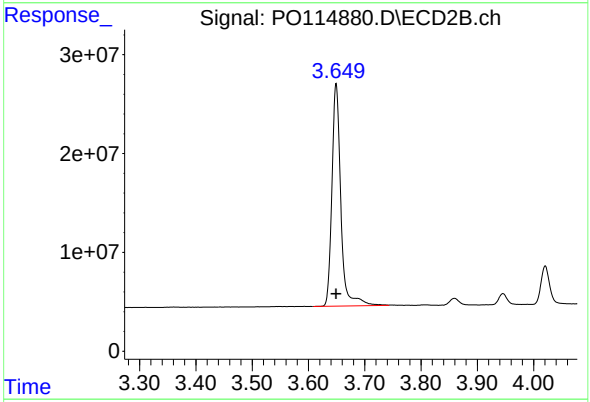




#1 Tetrachloro-m-xylene

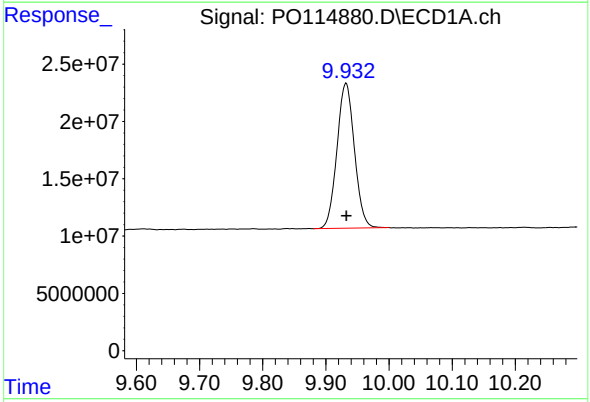
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 376638863
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



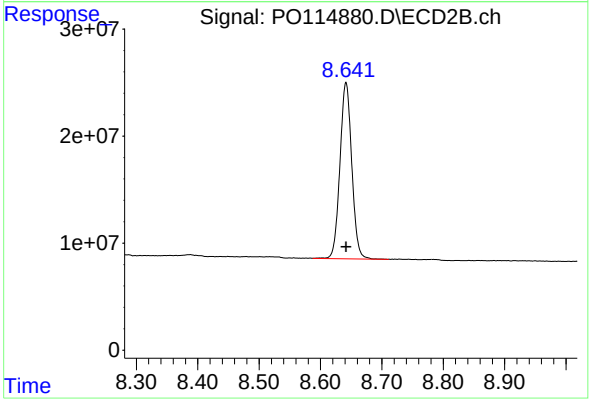
#1 Tetrachloro-m-xylene

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



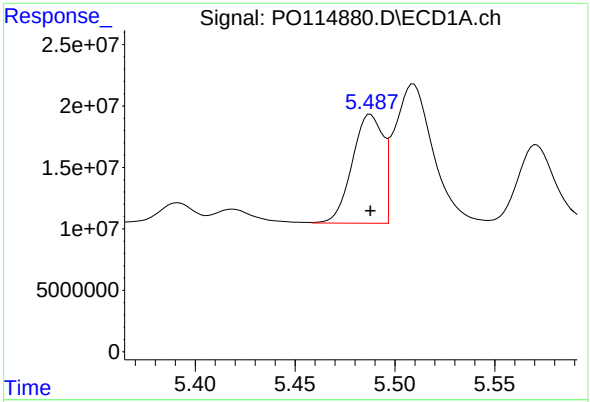
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

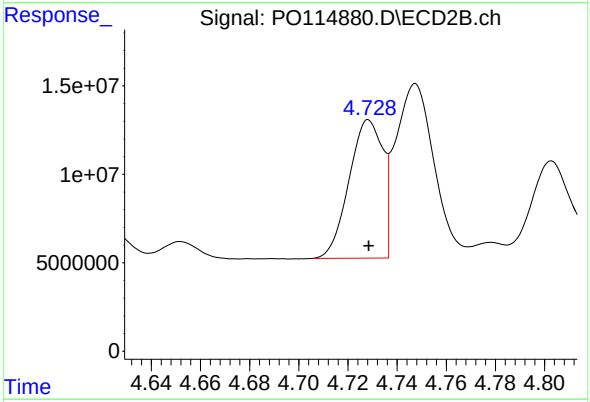
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 220186773
Conc: 50.00 ng/ml



#16 AR-1242-1

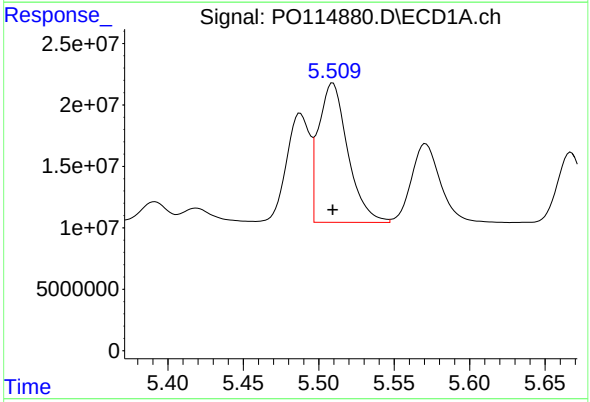
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 94898416
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



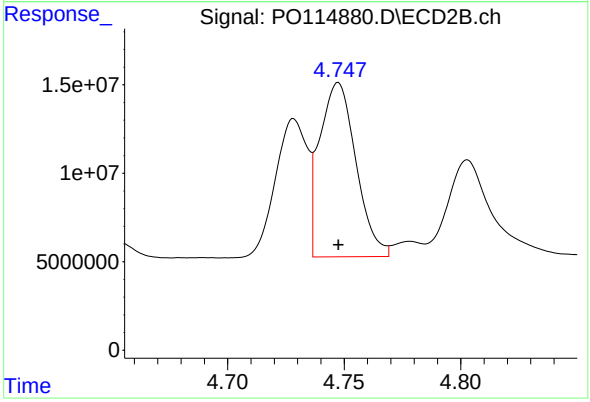
#16 AR-1242-1

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



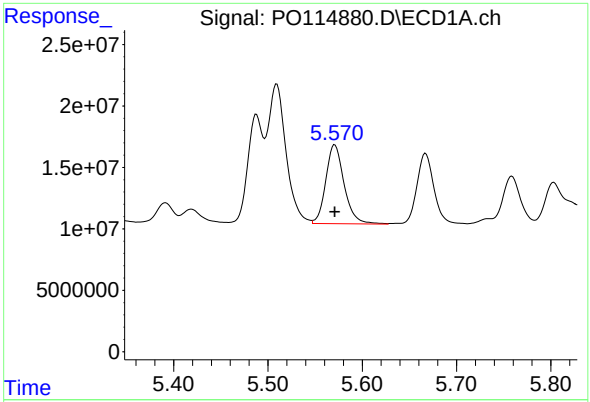
#17 AR-1242-2

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



#17 AR-1242-2

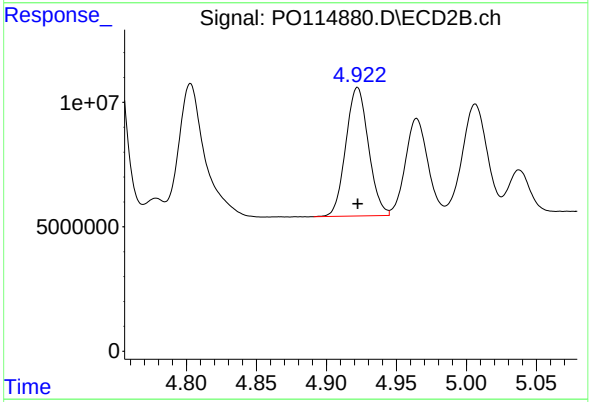
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 106963041
Conc: 500.00 ng/ml



#18 AR-1242-3

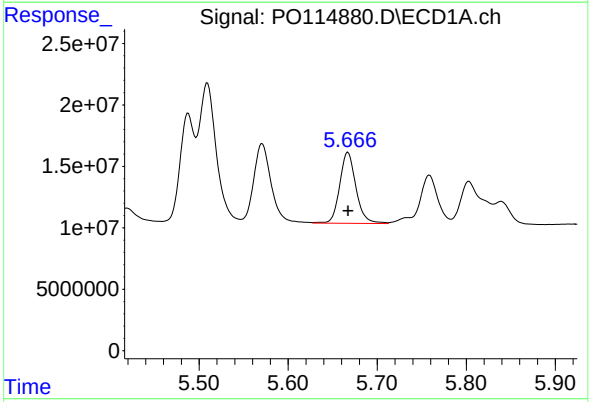
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 86964841
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



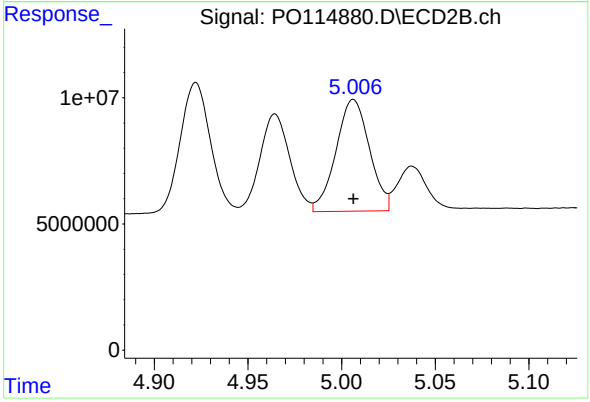
#18 AR-1242-3

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



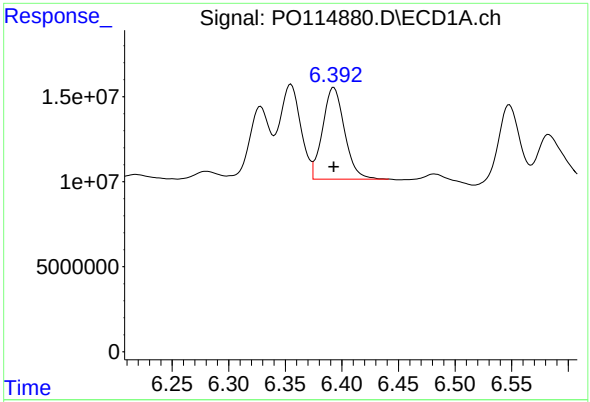
#19 AR-1242-4

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



#19 AR-1242-4

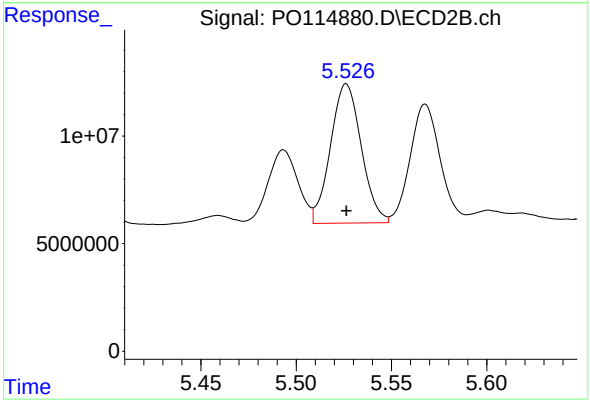
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 55002215
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 72501094
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 72826705
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:59:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.347	3.649	181.6E6	113.2E6	24.544	23.863
2)	SA Decachlor...	9.930	8.642	118.7E6	108.5E6	24.798	25.317
	Target Compounds						
16)	L4 AR-1242-1	5.485	4.728	48045131	37219390	257.320	256.344
17)	L4 AR-1242-2	5.507	4.747	75500933	52970083	252.915	255.070
18)	L4 AR-1242-3	5.569	4.921	43602684	28371324	256.308	251.994
19)	L4 AR-1242-4	5.665	5.006	34915069	27309187	247.826	256.146
20)	L4 AR-1242-5	6.391	5.526	34596493	37575425	245.544	262.747

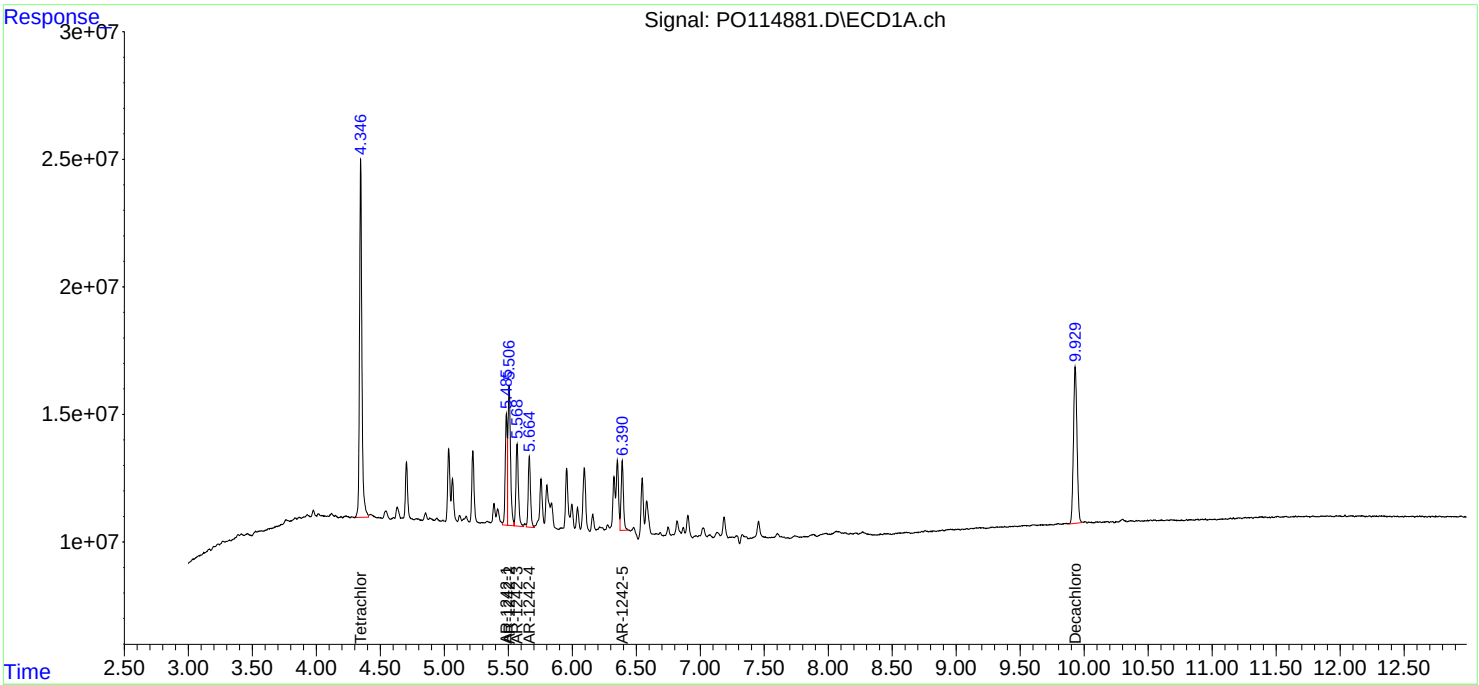
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

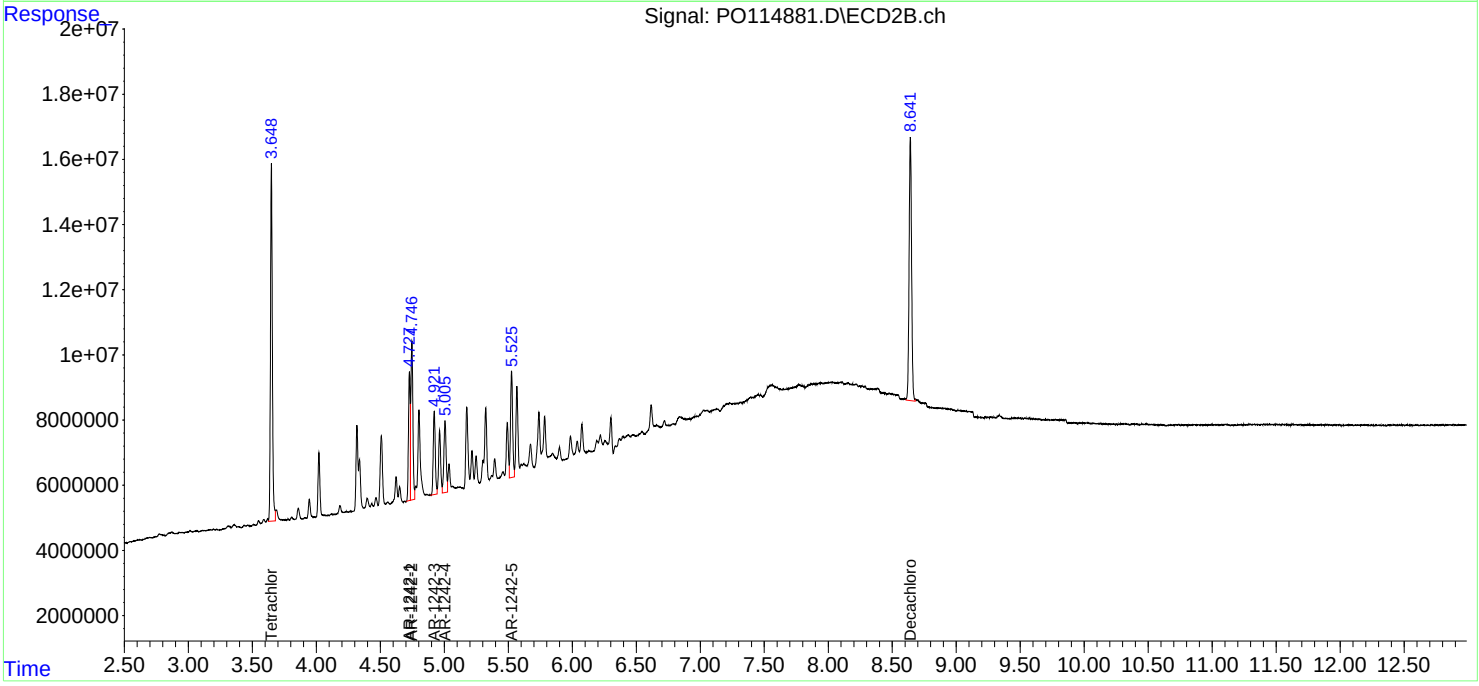
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:42
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

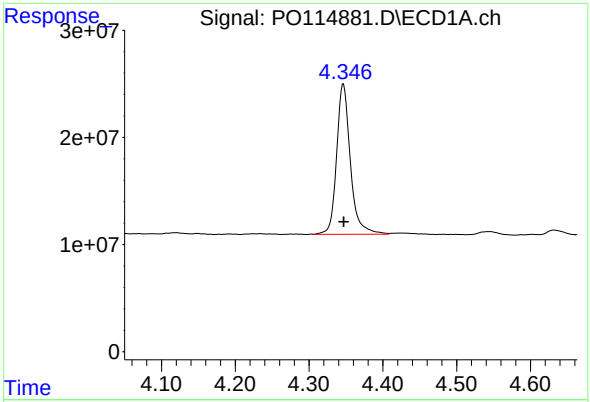
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 12:59:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 12:48:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



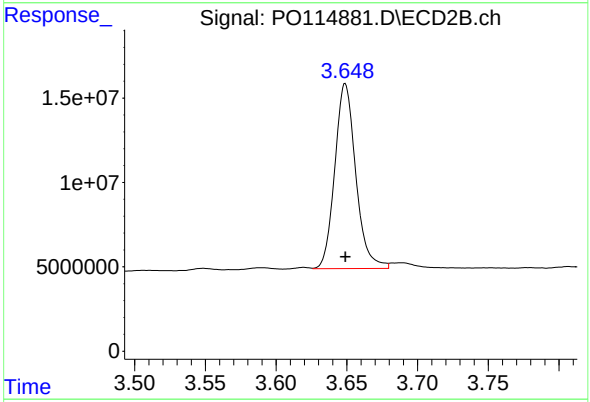




#1 Tetrachloro-m-xylene

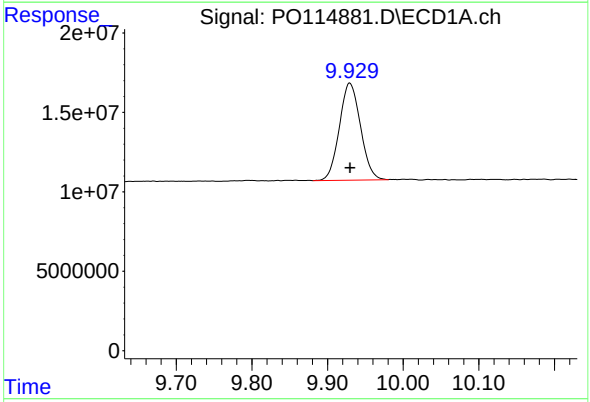
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 181550482
Conc: 24.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



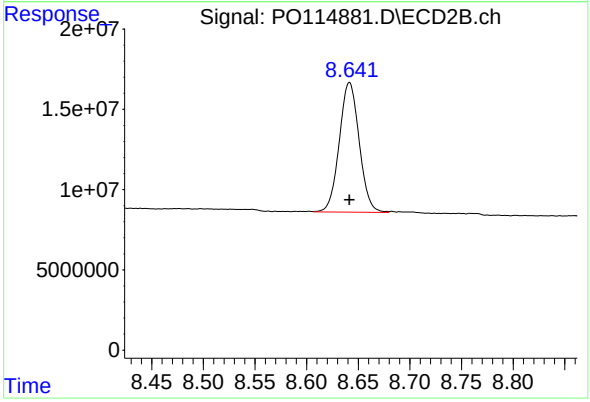
#1 Tetrachloro-m-xylene

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



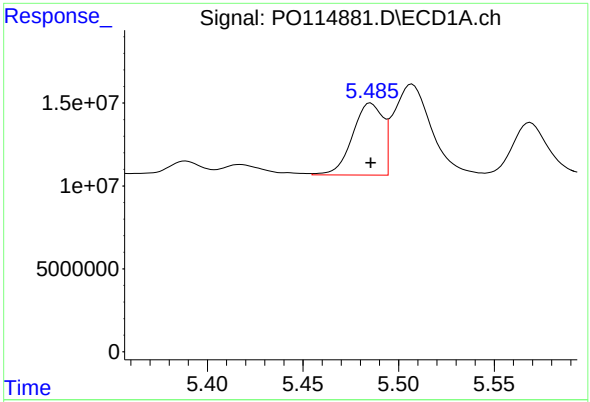
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

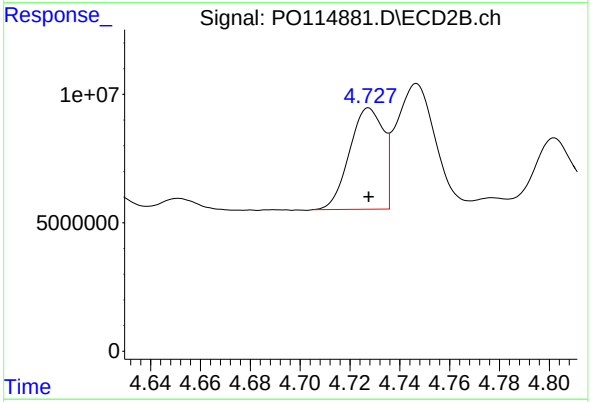
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 108469379
Conc: 25.32 ng/ml



#16 AR-1242-1

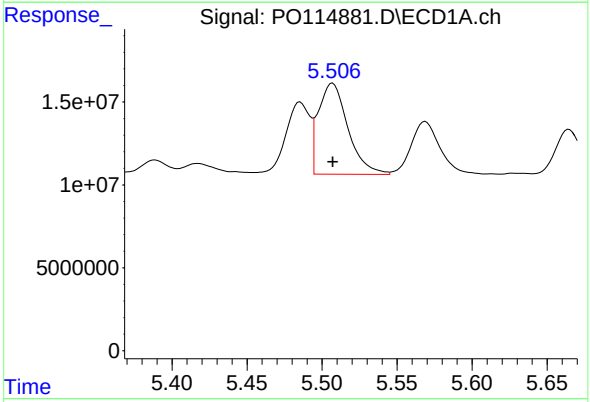
R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 48045131
Conc: 257.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



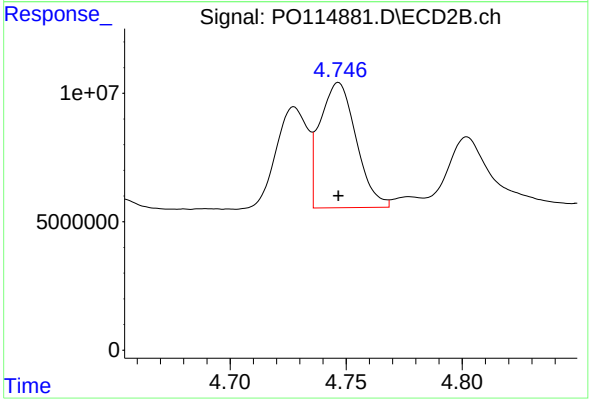
#16 AR-1242-1

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



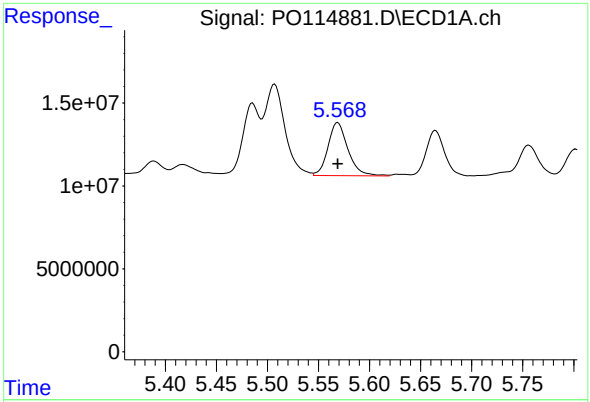
#17 AR-1242-2

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



#17 AR-1242-2

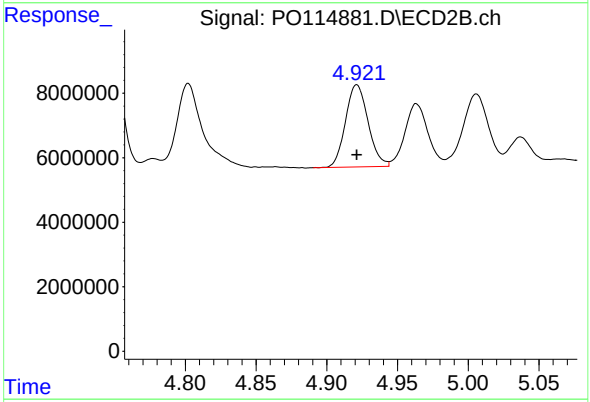
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 52970083
Conc: 255.07 ng/ml



#18 AR-1242-3

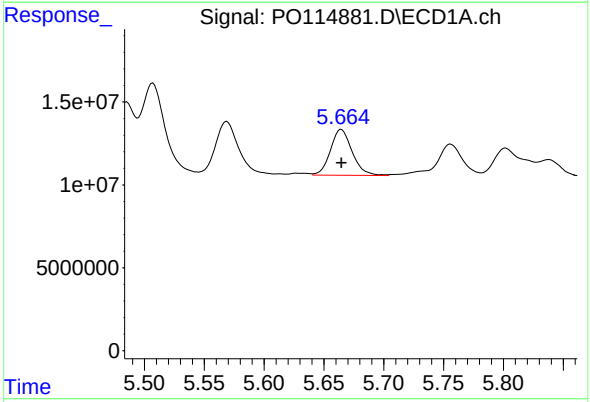
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 43602684
Conc: 256.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



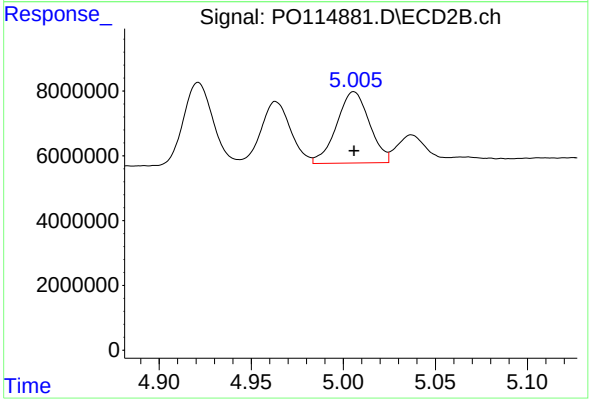
#18 AR-1242-3

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



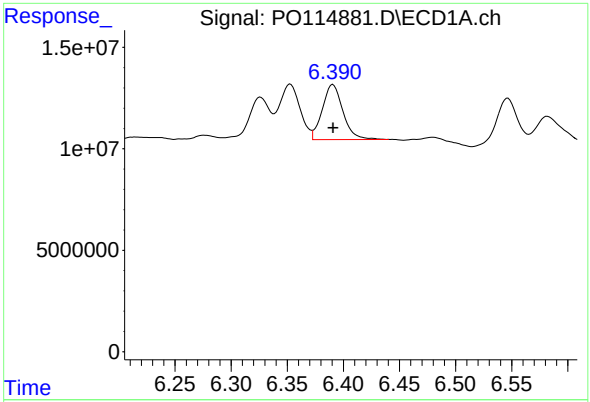
#19 AR-1242-4

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



#19 AR-1242-4

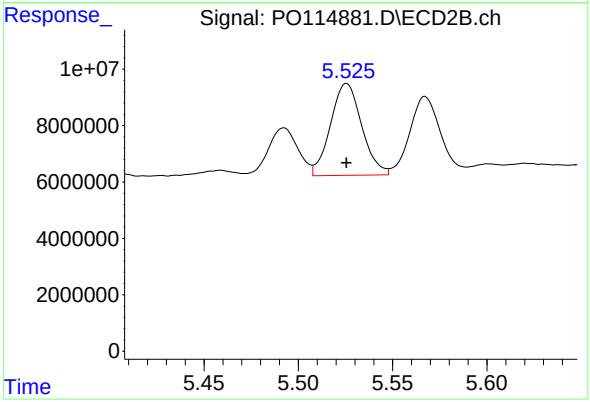
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 27309187
Conc: 256.15 ng/ml



#20 AR-1242-5

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 34596493
Conc: 245.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 37575425
Conc: 262.75 ng/ml

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 13:15:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 13:15:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.349	3.649	33472896	22185295	4.613	4.739
2)	SA Decachlor...	9.932	8.641	20800693	21904493	4.464	5.090
	Target Compounds						
16)	L4 AR-1242-1	5.487	4.729	9217524	7516814	49.493	51.407
17)	L4 AR-1242-2	5.509	4.747	14989568	10253143	50.170	49.497
18)	L4 AR-1242-3	5.571	4.922	8818491	5476880	51.459	48.911
19)	L4 AR-1242-4	5.667	5.007	7618827	5459668	53.210	50.962
20)	L4 AR-1242-5	6.392	5.526	7059809	7127481	50.085	49.823m

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

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

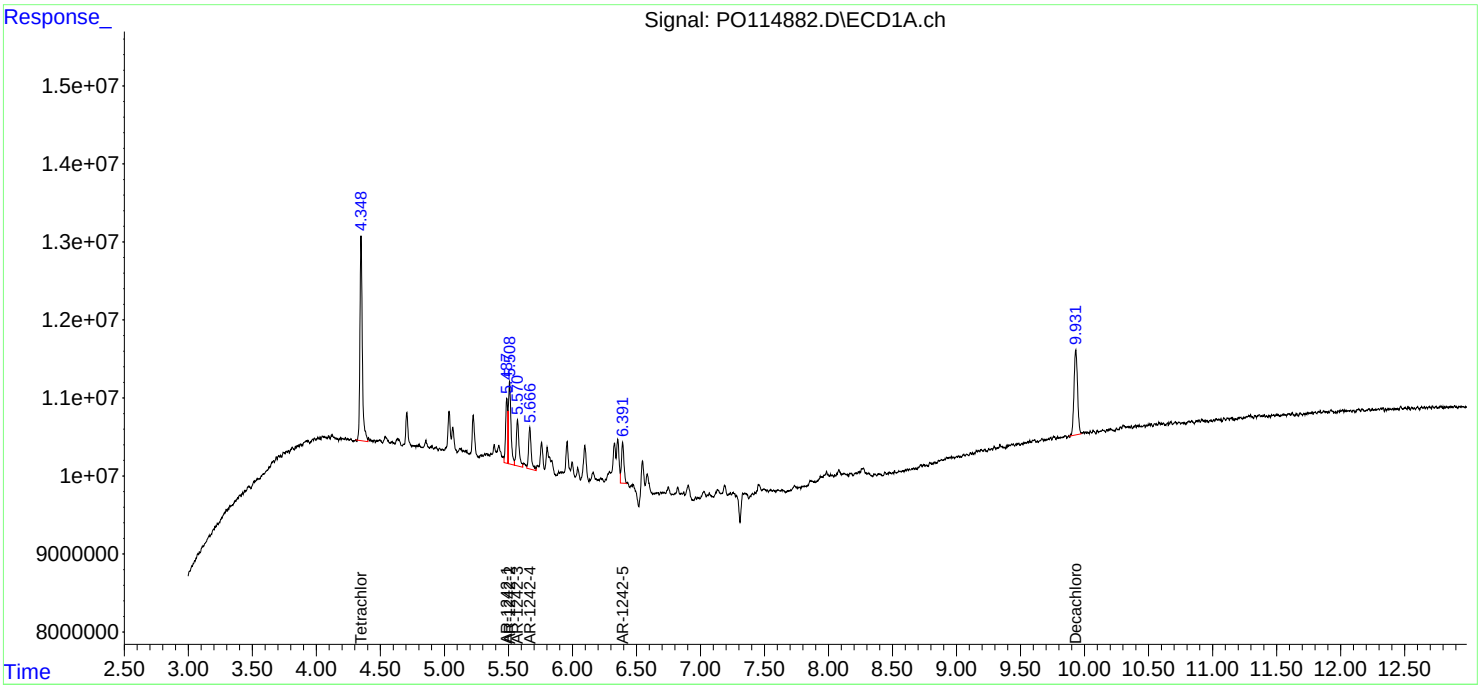
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

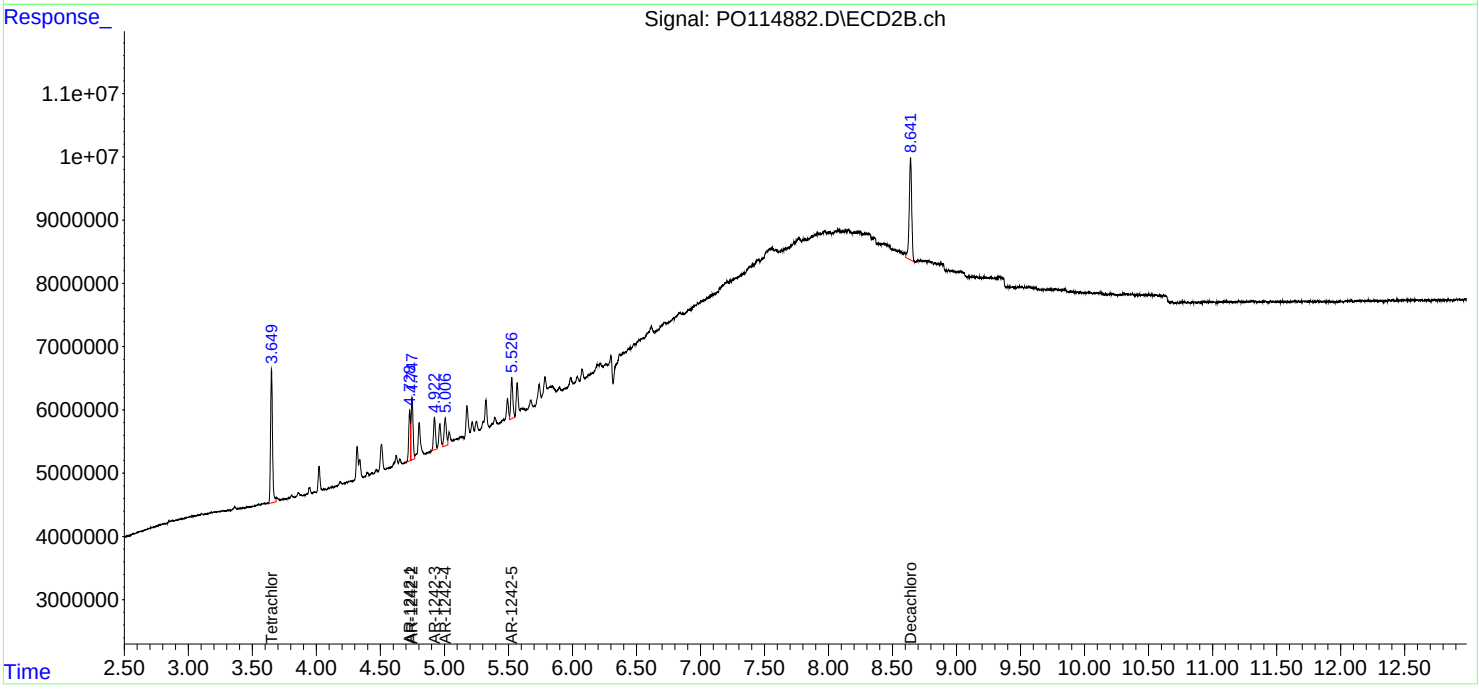
Manual Integrations APPROVED

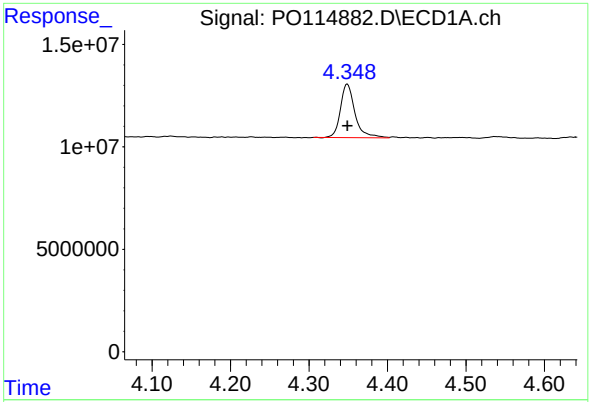
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 13:15:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 13:15:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







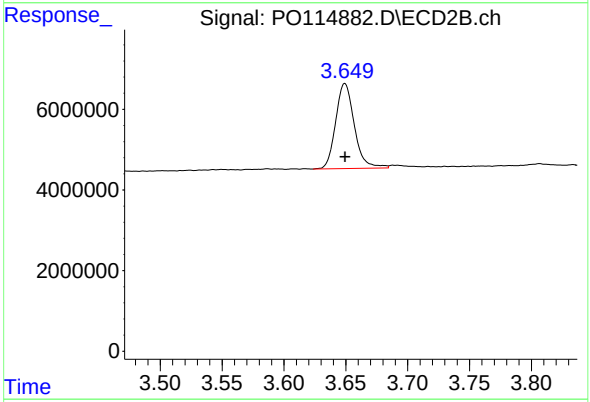
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

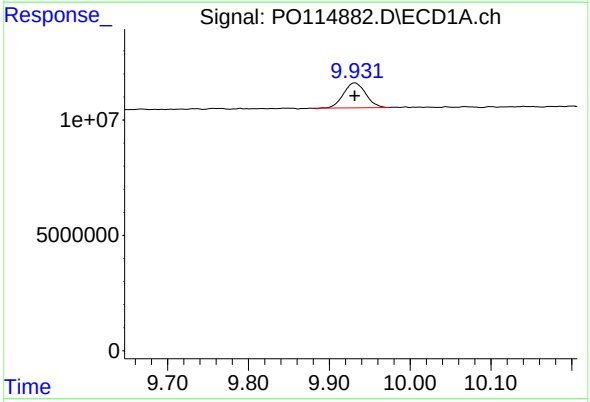
Manual Integrations APPROVED

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



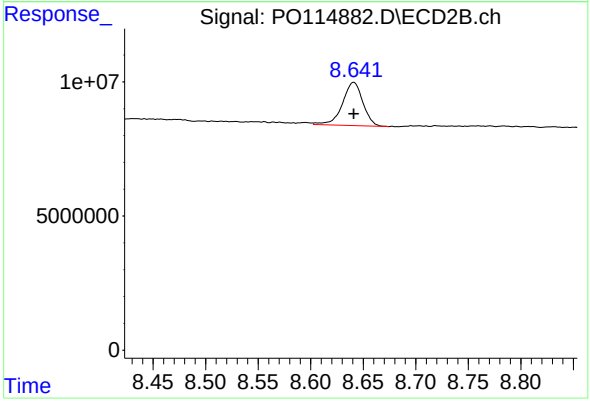
#1 Tetrachloro-m-xylene

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



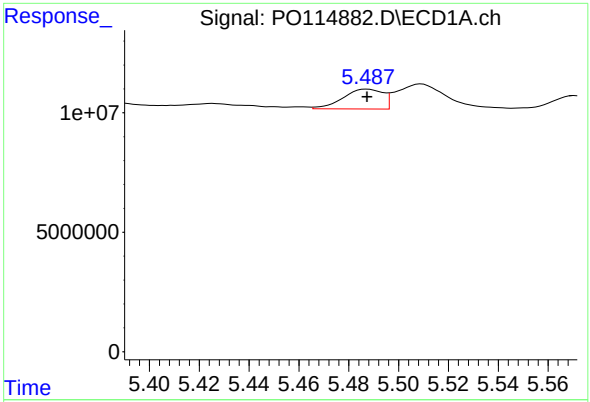
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 20800693
Conc: 4.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 21904493
Conc: 5.09 ng/ml



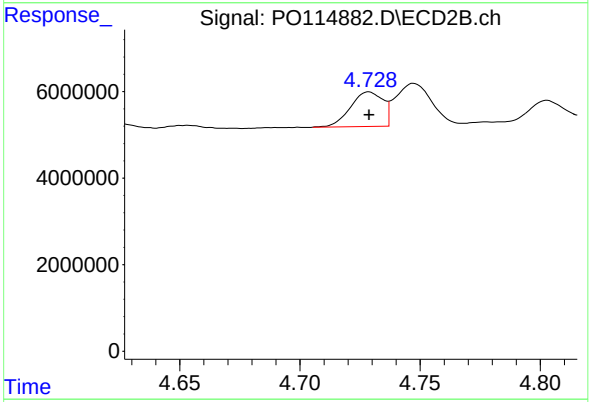
#16 AR-1242-1

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

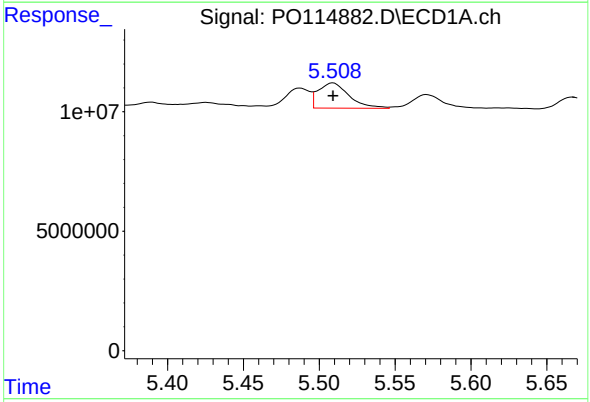
Manual Integrations APPROVED

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



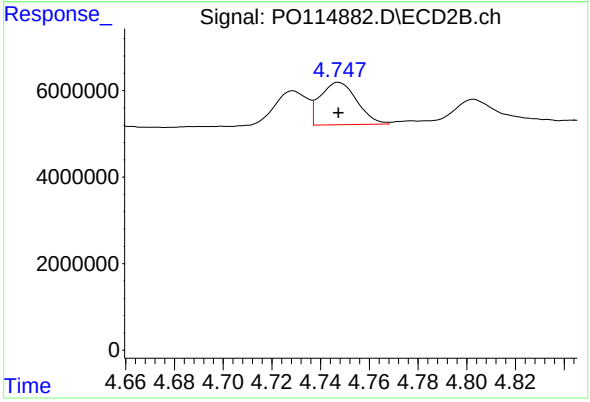
#16 AR-1242-1

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



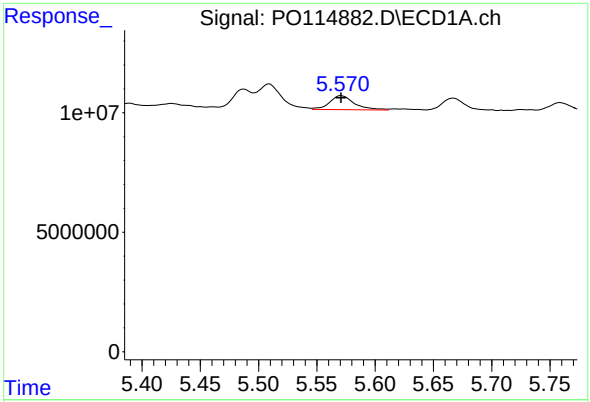
#17 AR-1242-2

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 14989568
Conc: 50.17 ng/ml



#17 AR-1242-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 10253143
Conc: 49.50 ng/ml



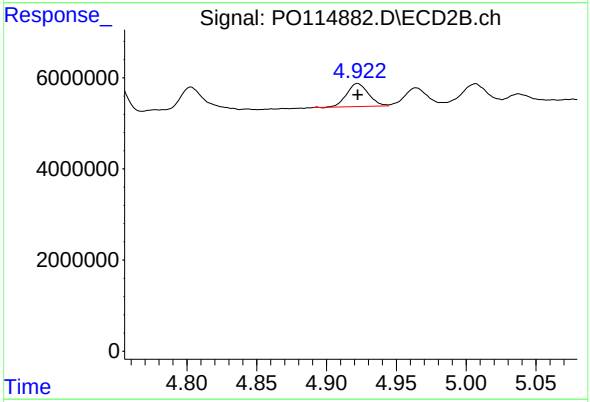
#18 AR-1242-3

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

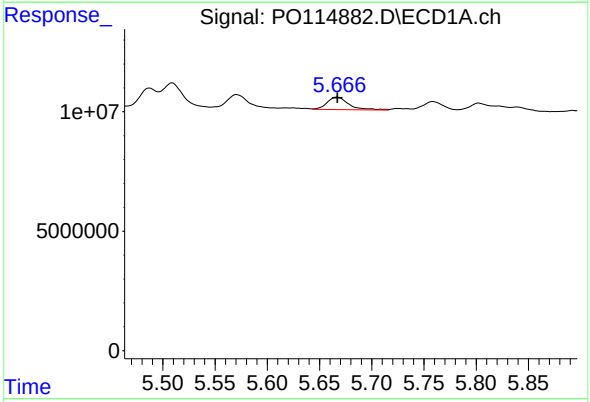
Manual Integrations APPROVED

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



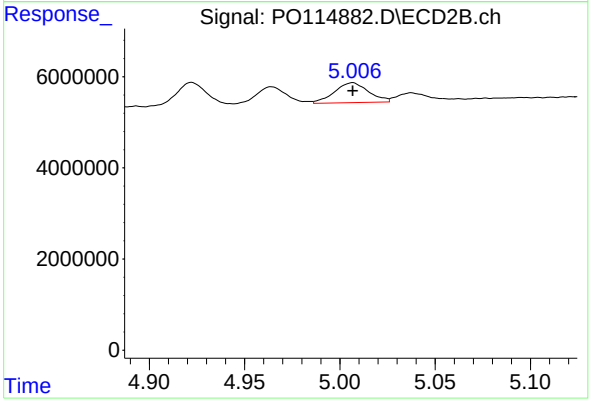
#18 AR-1242-3

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



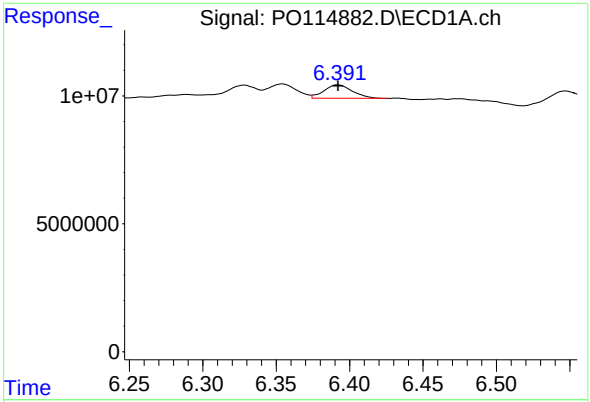
#19 AR-1242-4

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 7618827
Conc: 53.21 ng/ml



#19 AR-1242-4

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 5459668
Conc: 50.96 ng/ml



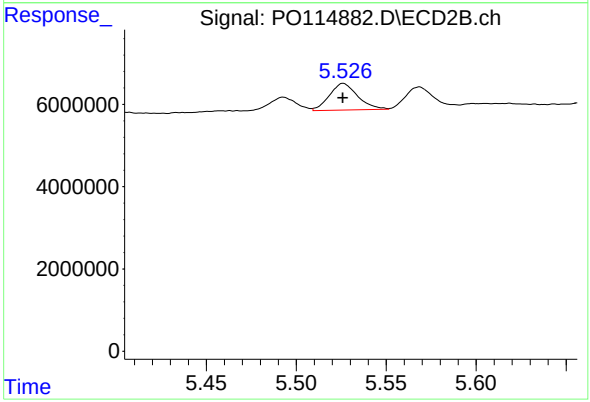
#20 AR-1242-5

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 7059809
Conc: 50.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

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



#20 AR-1242-5

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 7127481
Conc: 49.82 ng/ml m

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:15:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.648	731.7E6	475.9E6	98.575	98.613
2)	SA Decachlor...	9.931	8.641	459.1E6	407.6E6	98.355	97.441
	Target Compounds						
21)	L5 AR-1248-1	5.486	4.727	130.1E6	101.0E6	970.963	951.788
22)	L5 AR-1248-2	5.757	4.963	182.9E6	136.5E6	970.365	957.940
23)	L5 AR-1248-3	5.957	5.005	203.4E6	143.9E6	974.566	961.296
24)	L5 AR-1248-4	6.354	5.175	240.2E6	171.3E6	968.415	963.693
25)	L5 AR-1248-5	6.391	5.567	225.3E6	174.6E6	969.541	965.748

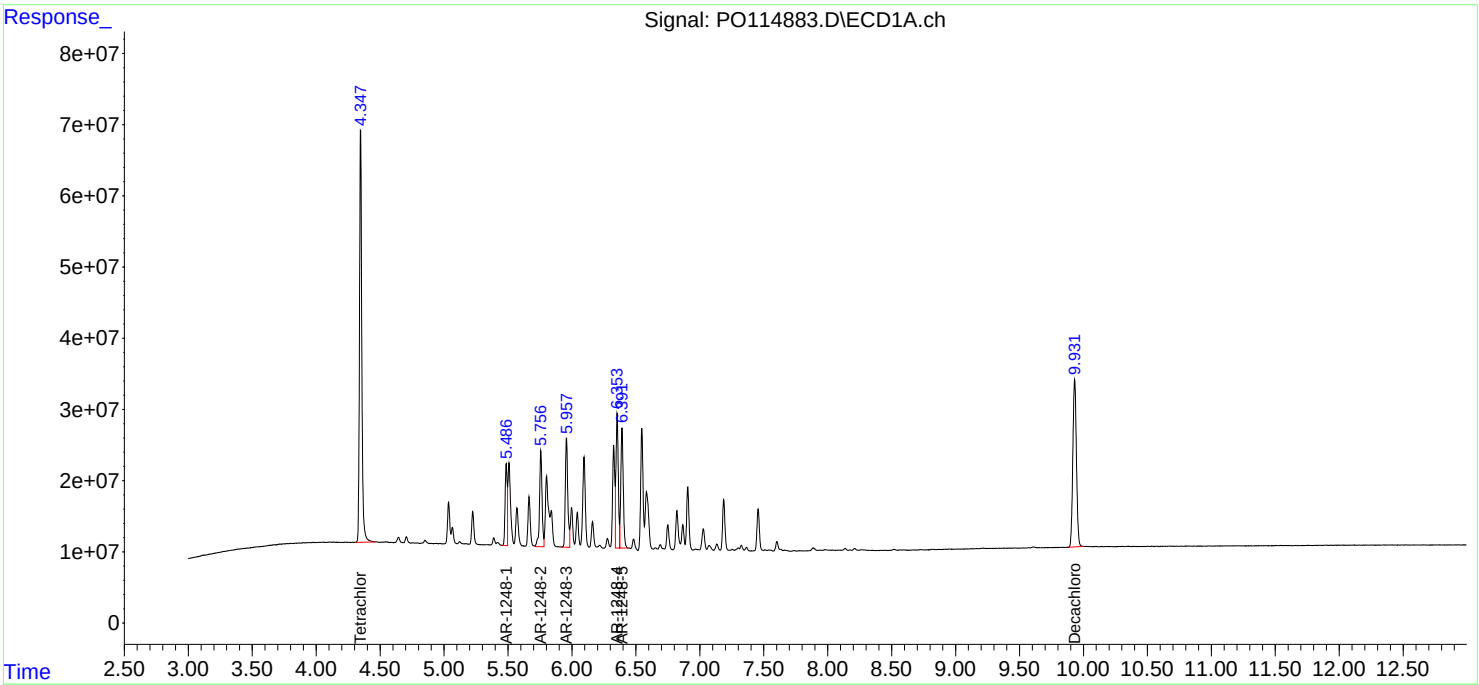
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

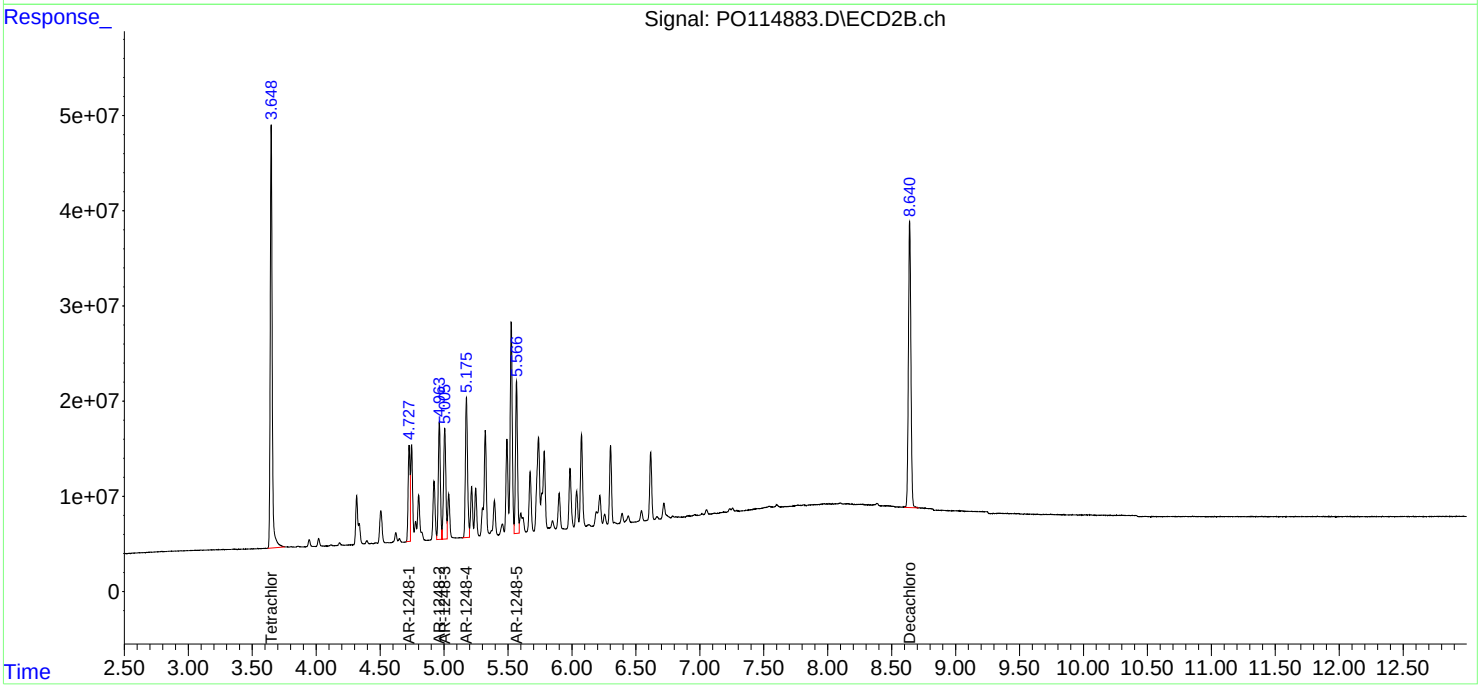
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:19
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

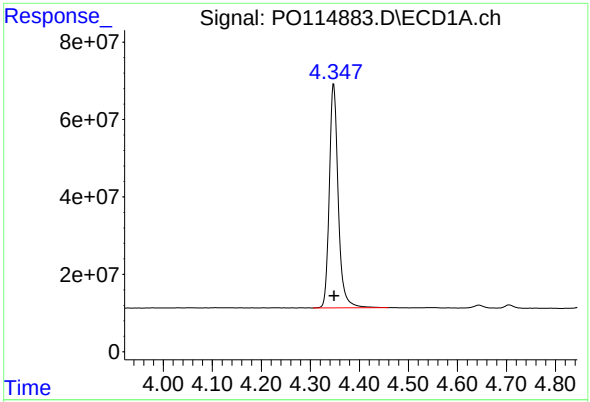
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:15:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



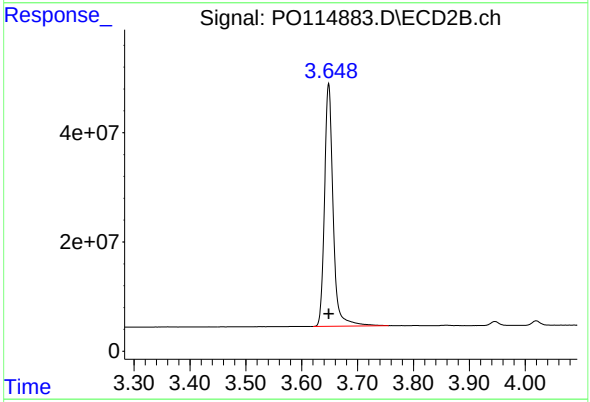




#1 Tetrachloro-m-xylene

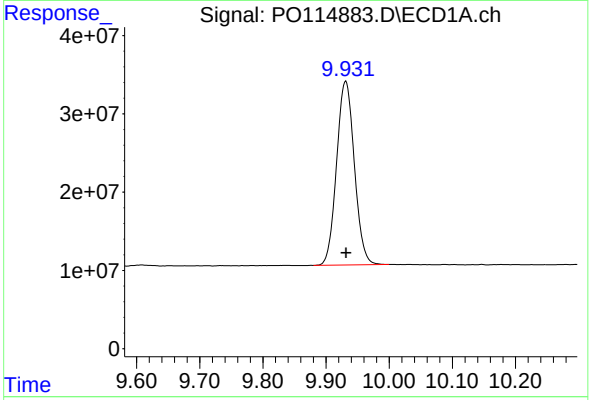
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 731654136
Conc: 98.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



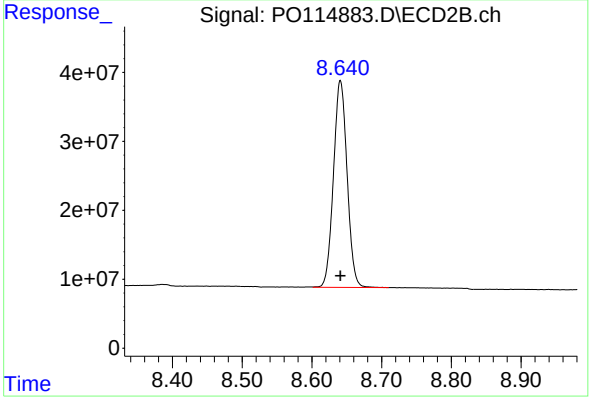
#1 Tetrachloro-m-xylene

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



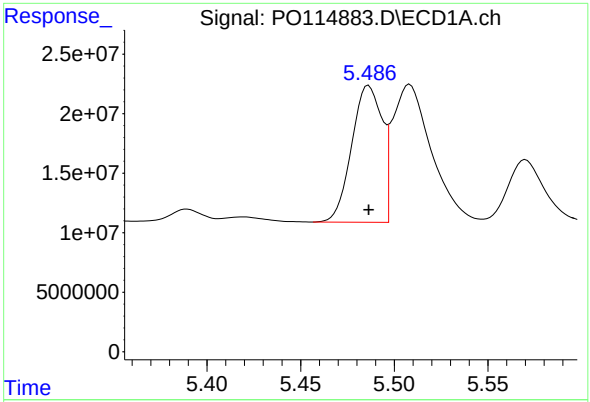
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

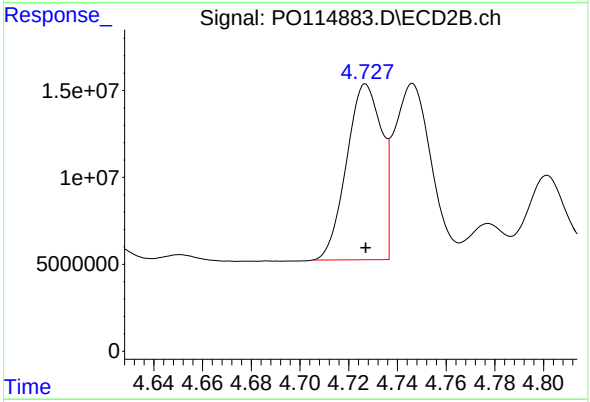
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 407604233
Conc: 97.44 ng/ml



#21 AR-1248-1

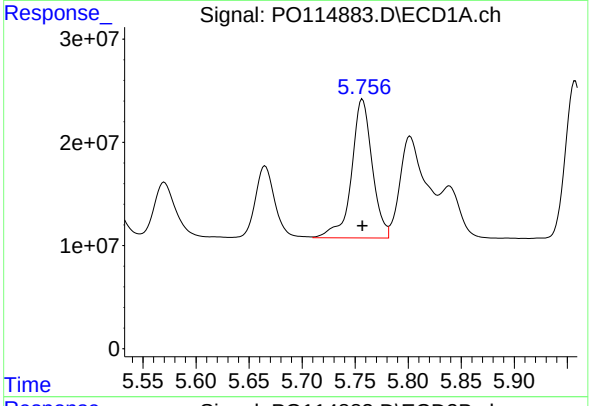
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 130126160
Conc: 970.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



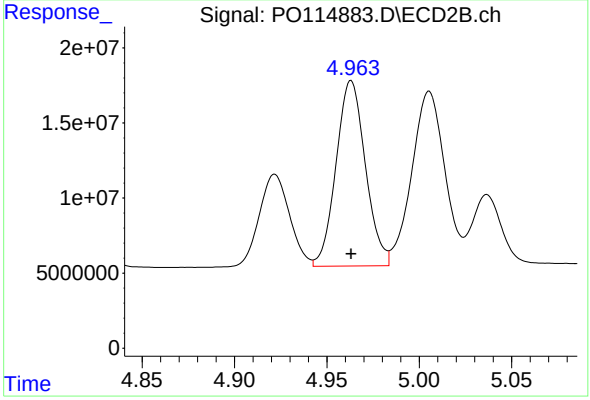
#21 AR-1248-1

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



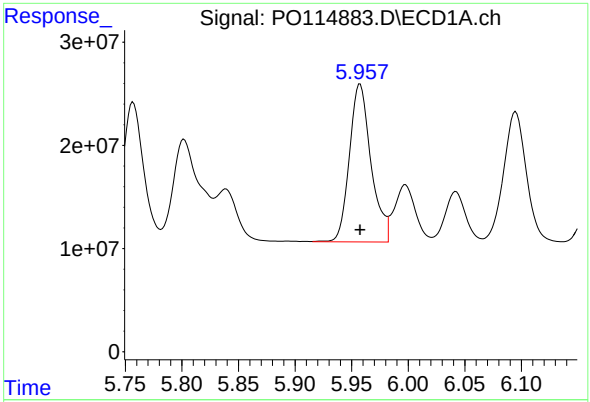
#22 AR-1248-2

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



#22 AR-1248-2

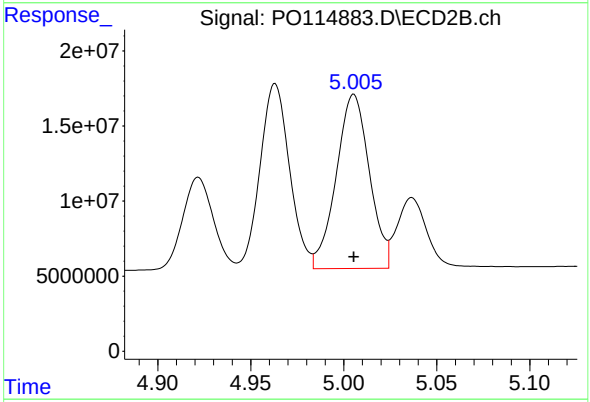
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 136540550
Conc: 957.94 ng/ml



#23 AR-1248-3

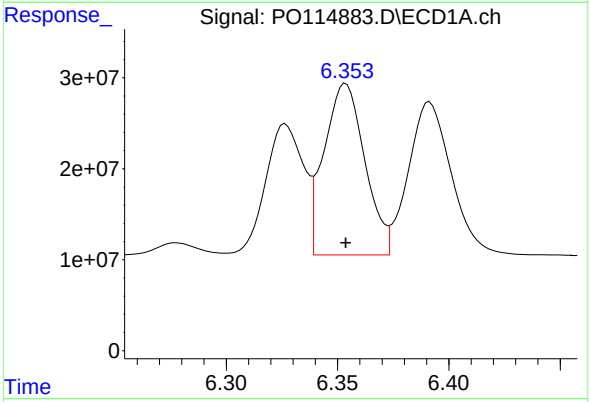
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 203368877
Conc: 974.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



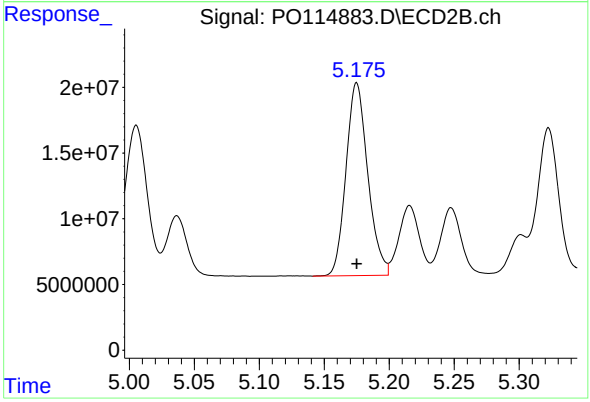
#23 AR-1248-3

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



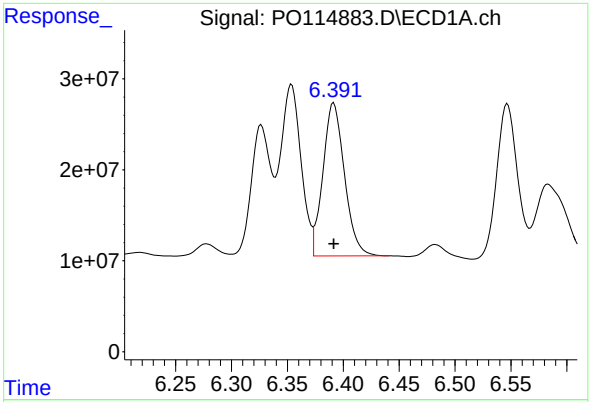
#24 AR-1248-4

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



#24 AR-1248-4

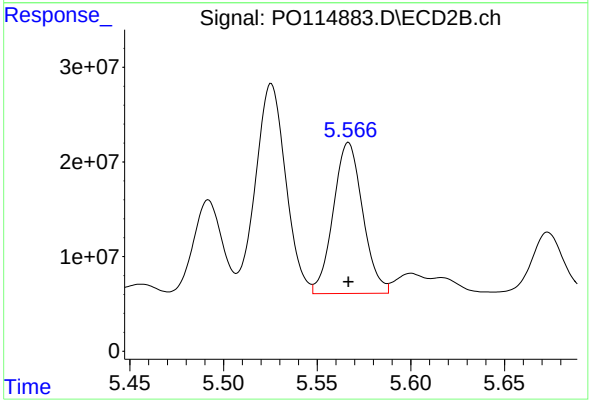
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 171266913
Conc: 963.69 ng/ml



#25 AR-1248-5

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 225312398
Conc: 969.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 174649655
Conc: 965.75 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114884.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:37
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:18:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.349	3.650	558.2E6	362.2E6	75.139	75.043
2)	SA Decachlor...	9.934	8.642	348.6E6	312.5E6	74.784	74.797
	Target Compounds						
21)	L5 AR-1248-1	5.487	4.728	101.4E6	79219349	754.563	747.551
22)	L5 AR-1248-2	5.759	4.965	140.8E6	106.9E6	747.878	750.206
23)	L5 AR-1248-3	5.958	5.007	154.7E6	112.4E6	744.299	750.689
24)	L5 AR-1248-4	6.355	5.177	184.7E6	133.3E6	746.353	749.852
25)	L5 AR-1248-5	6.393	5.568	173.1E6	135.2E6	746.437	748.274

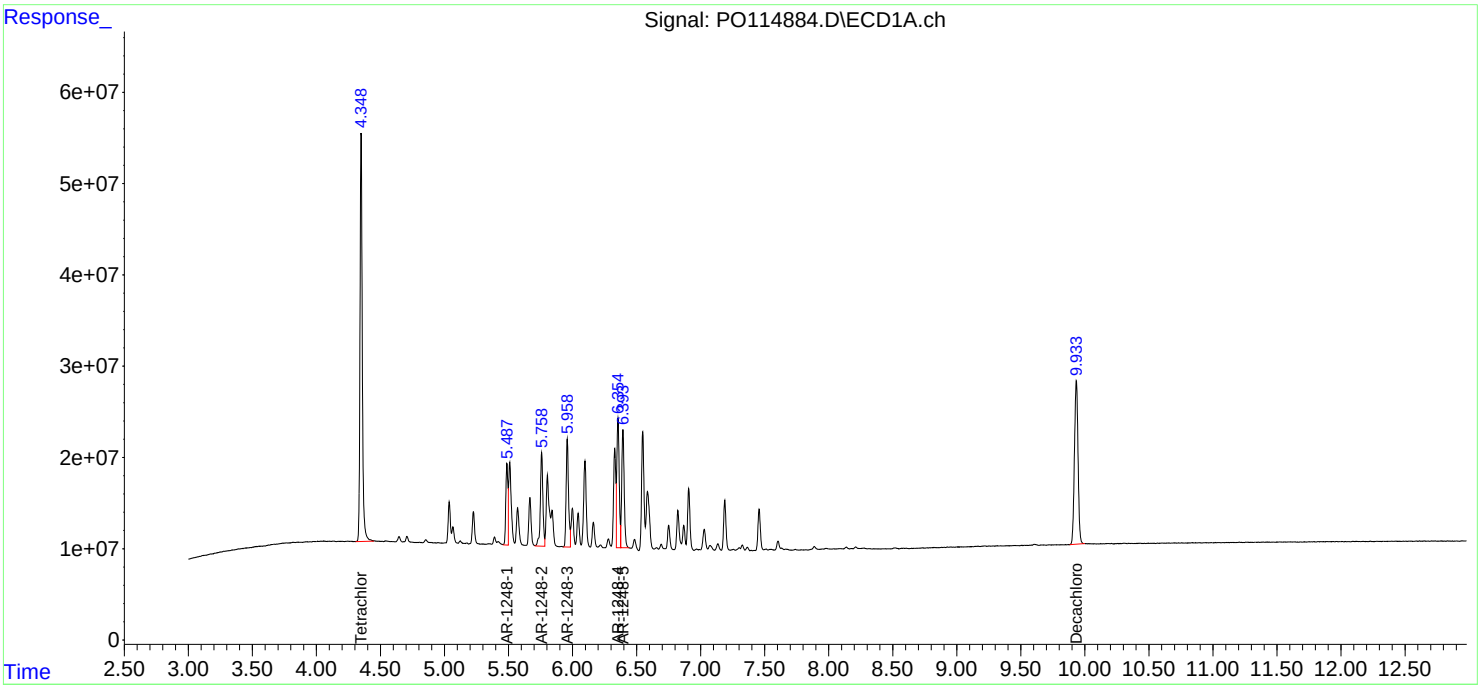
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

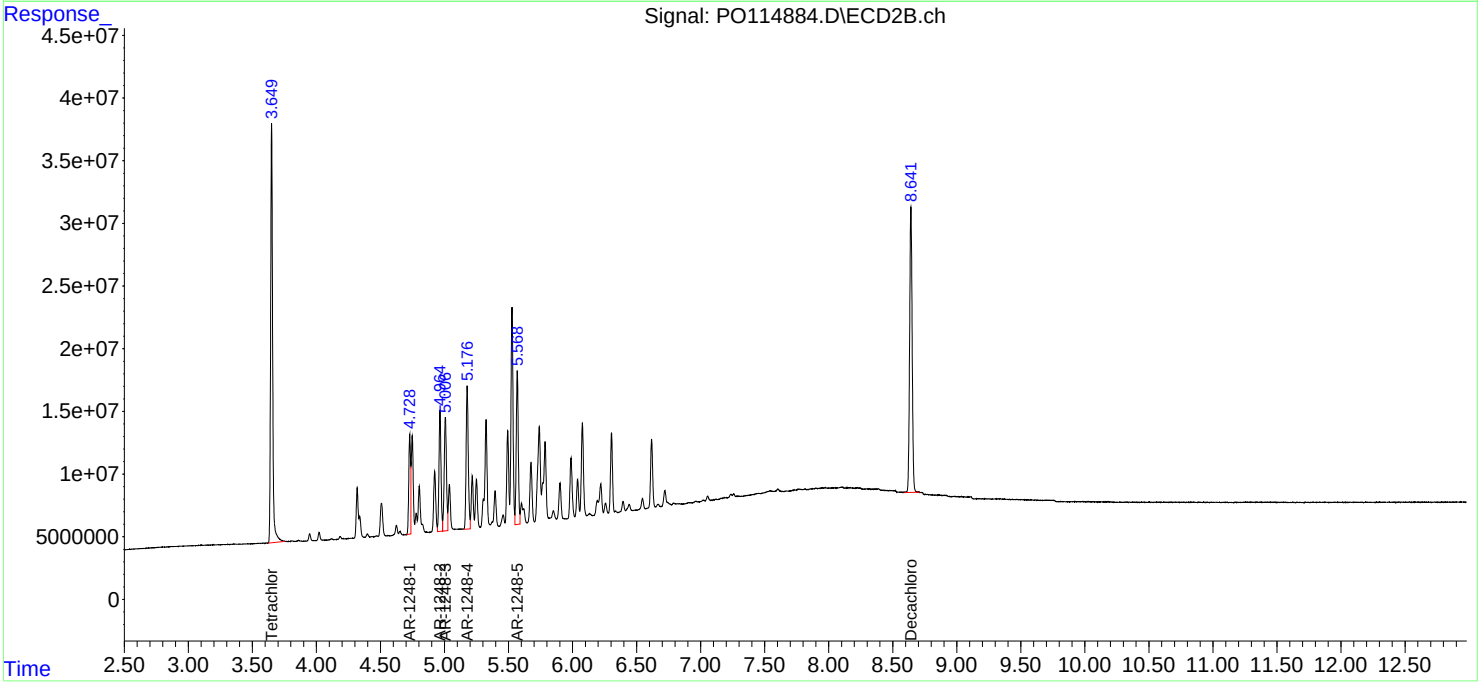
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114884.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:37
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

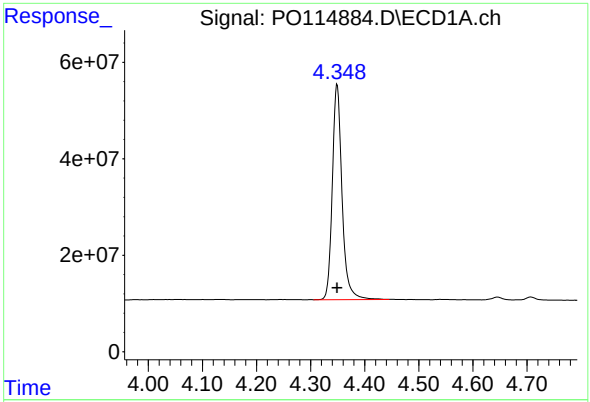
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:18:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



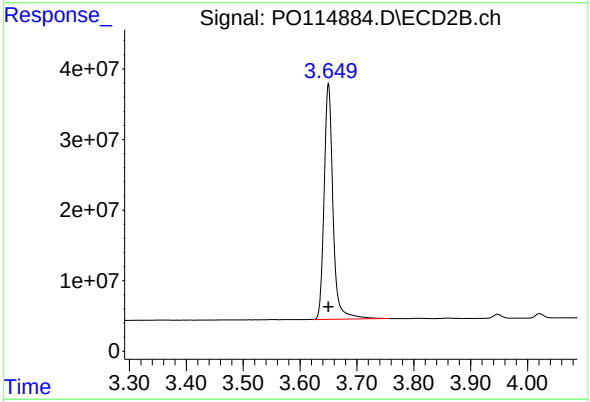




#1 Tetrachloro-m-xylene

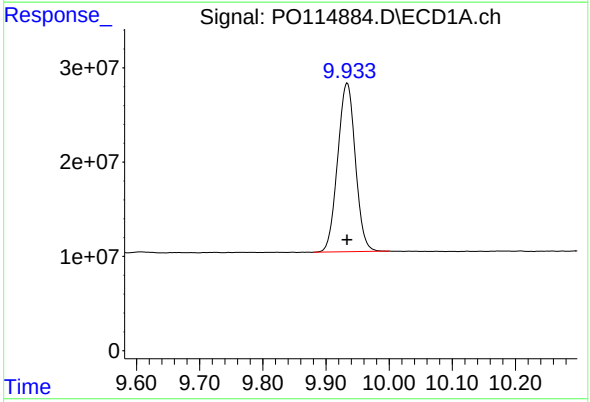
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 558220114
Conc: 75.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



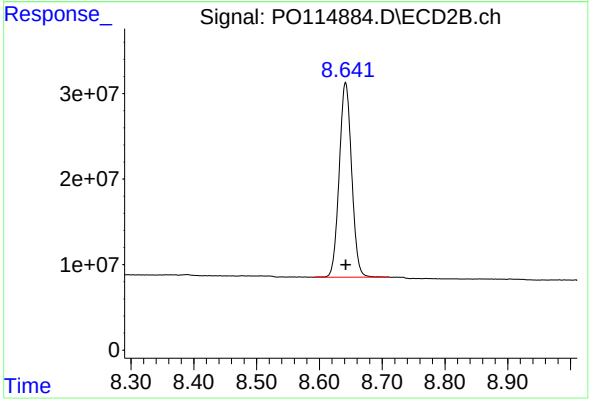
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 362215909
Conc: 75.04 ng/ml



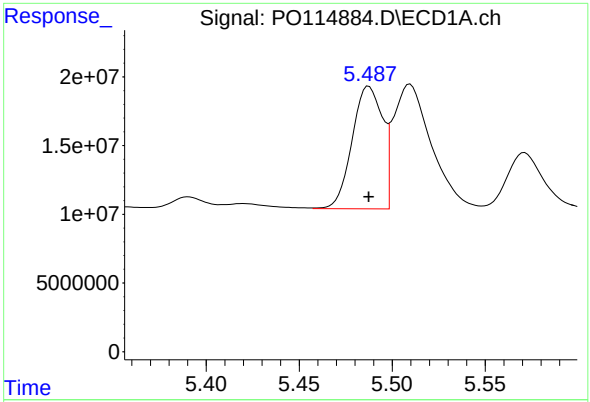
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 348551615
Conc: 74.78 ng/ml



#2 Decachlorobiphenyl

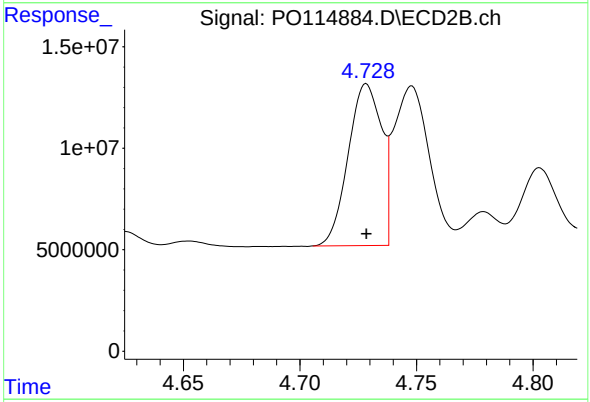
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 312456644
Conc: 74.80 ng/ml



#21 AR-1248-1

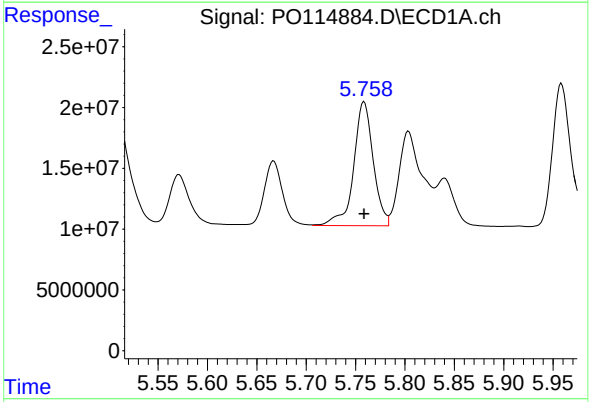
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 101433357
Conc: 754.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



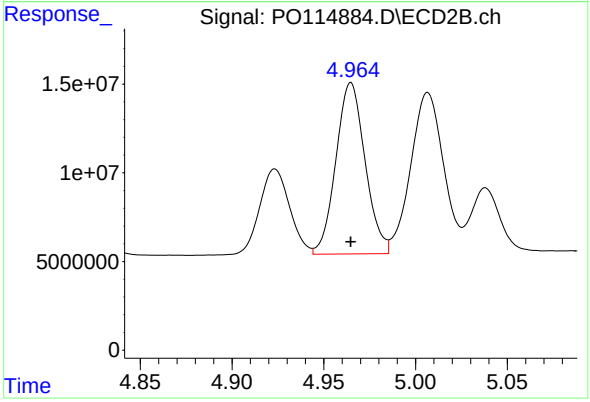
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 79219349
Conc: 747.55 ng/ml



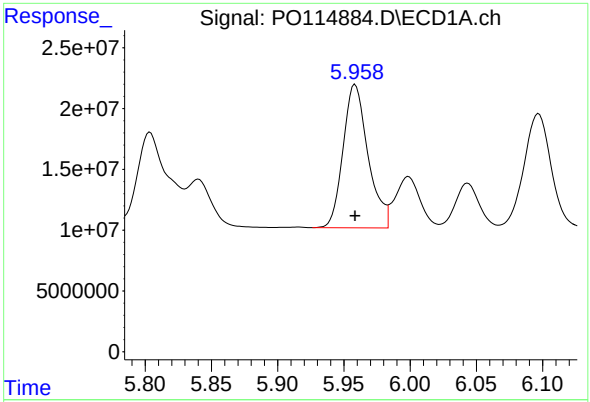
#22 AR-1248-2

R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 140760121
Conc: 747.88 ng/ml



#22 AR-1248-2

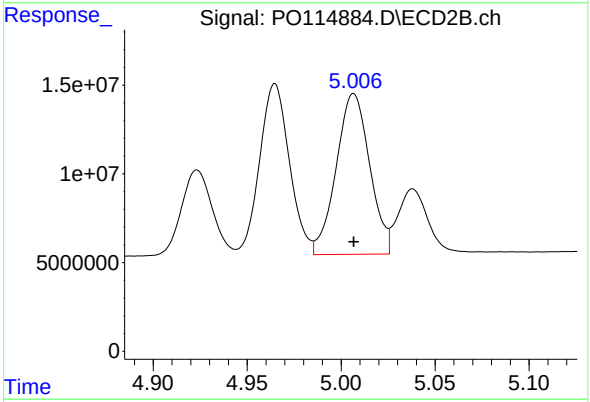
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 106945642
Conc: 750.21 ng/ml



#23 AR-1248-3

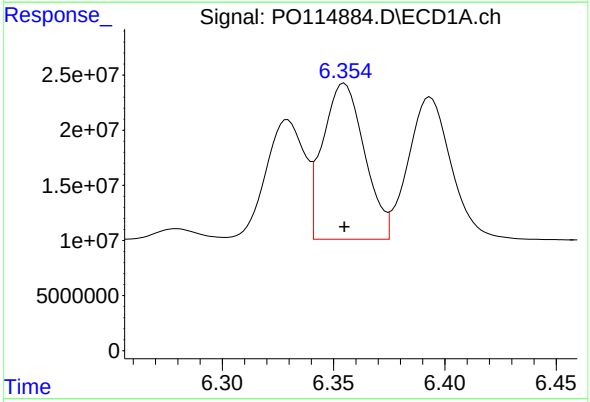
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 154729681
Conc: 744.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



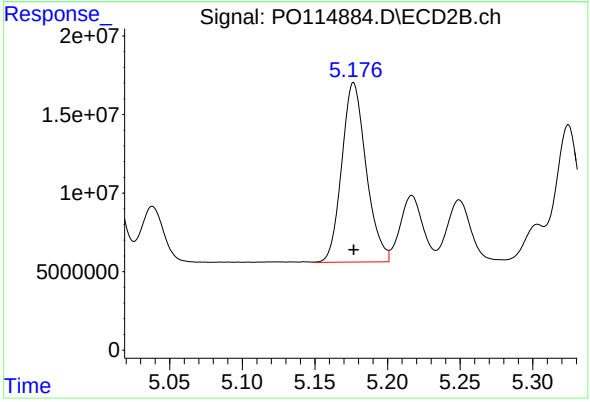
#23 AR-1248-3

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 112415399
Conc: 750.69 ng/ml



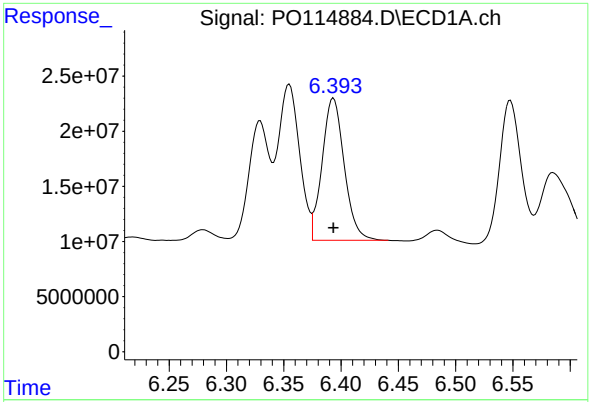
#24 AR-1248-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 184657771
Conc: 746.35 ng/ml



#24 AR-1248-4

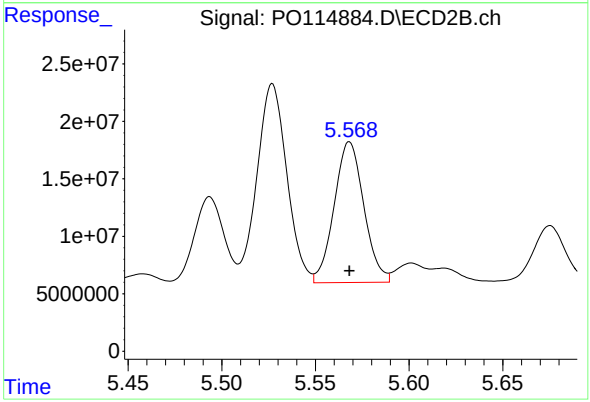
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 133250019
Conc: 749.85 ng/ml



#25 AR-1248-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 173053817
Conc: 746.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 135165288
Conc: 748.27 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:56
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:12:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.349	3.650	376.4E6	244.6E6	50.000	50.000
2)	SA Decachlor...	9.932	8.642	237.2E6	214.5E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.487	4.728	68954500	55631193	500.000	500.000
22)	L5 AR-1248-2	5.759	4.964	97032346	74265259	500.000	500.000
23)	L5 AR-1248-3	5.959	5.006	107.0E6	77737125	500.000	500.000
24)	L5 AR-1248-4	6.354	5.177	127.9E6	92085877	500.000	500.000
25)	L5 AR-1248-5	6.393	5.568	119.7E6	93519021	500.000	500.000

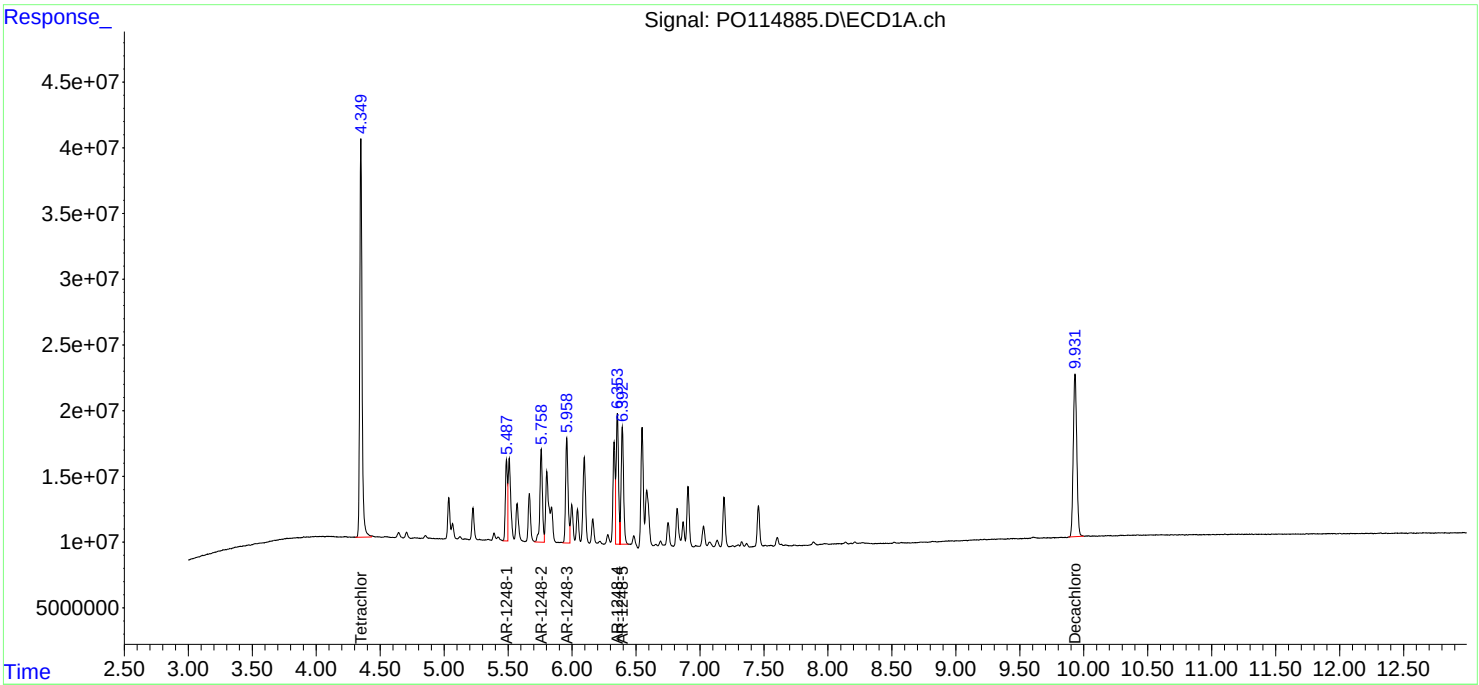
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

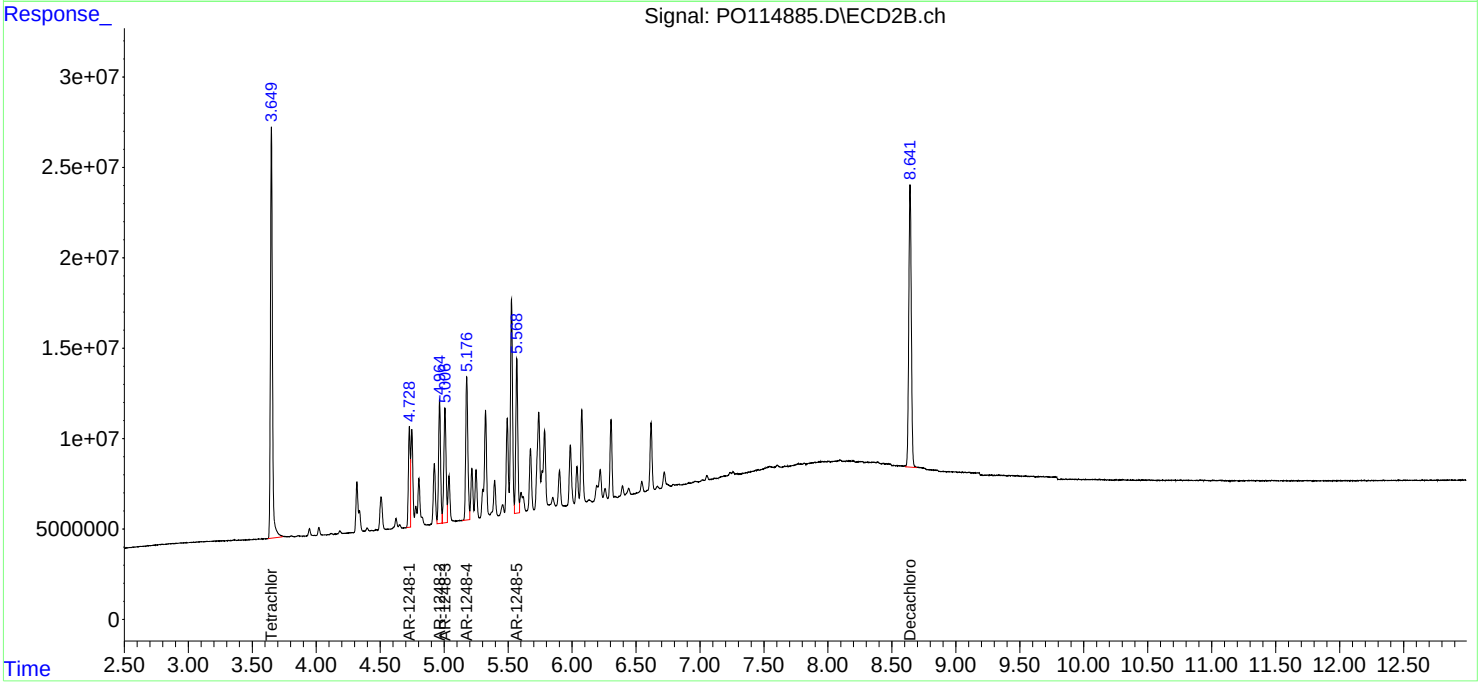
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:56
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

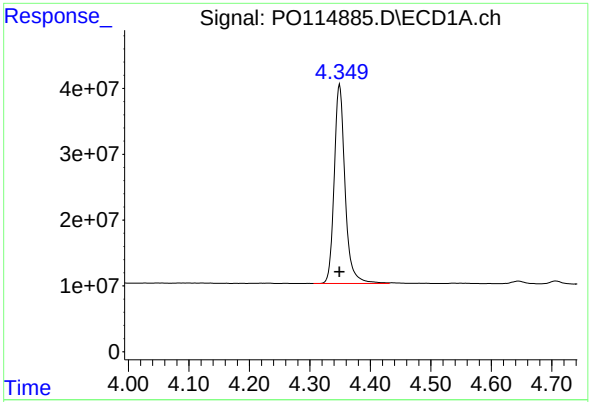
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:12:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



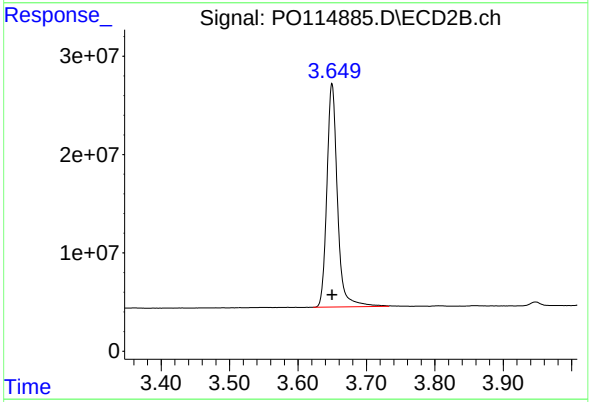




#1 Tetrachloro-m-xylene

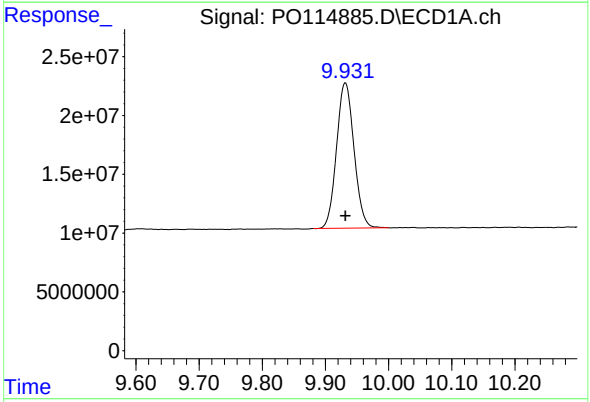
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 376402726
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



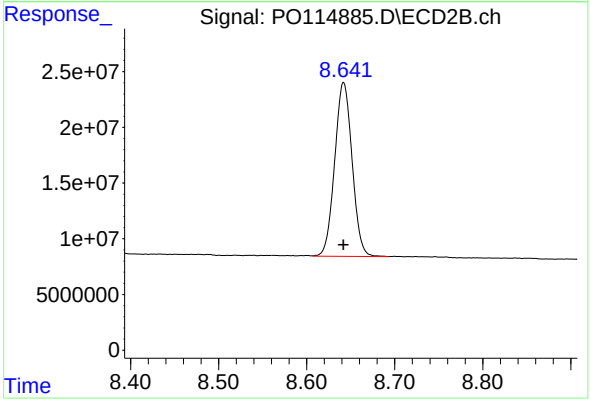
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 244616714
Conc: 50.00 ng/ml



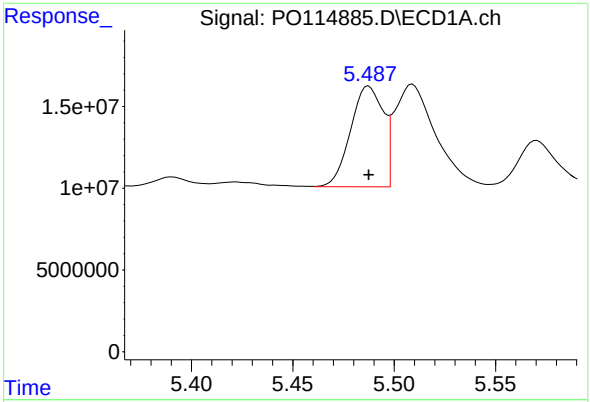
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 237214444
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

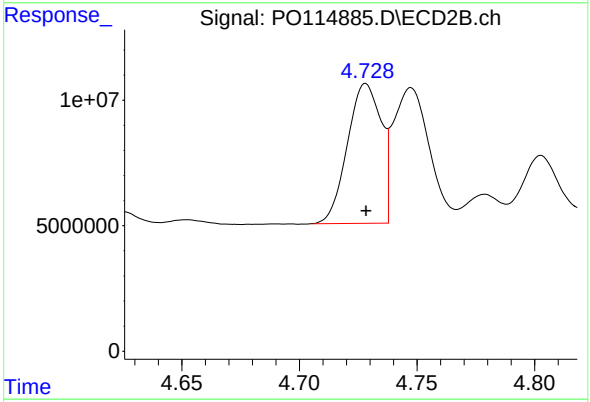
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 214506201
Conc: 50.00 ng/ml



#21 AR-1248-1

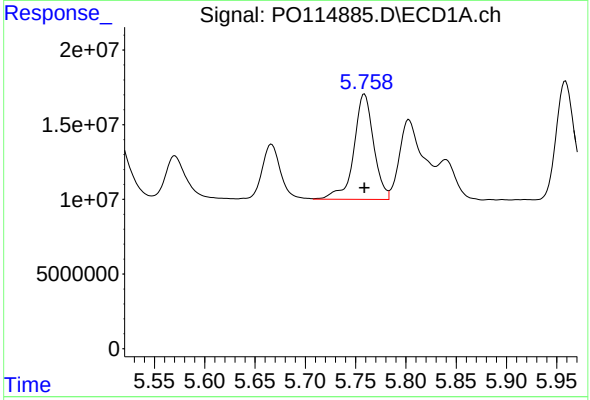
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 68954500
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



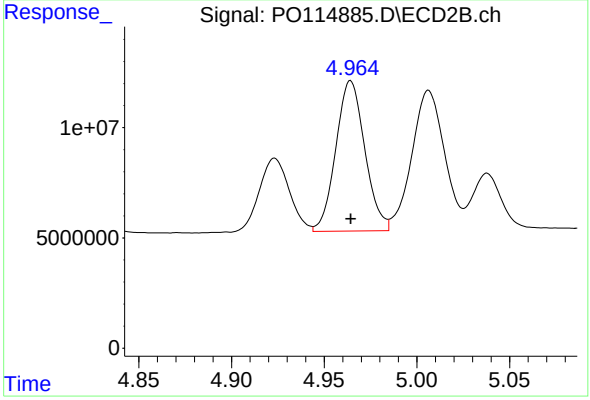
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 55631193
Conc: 500.00 ng/ml



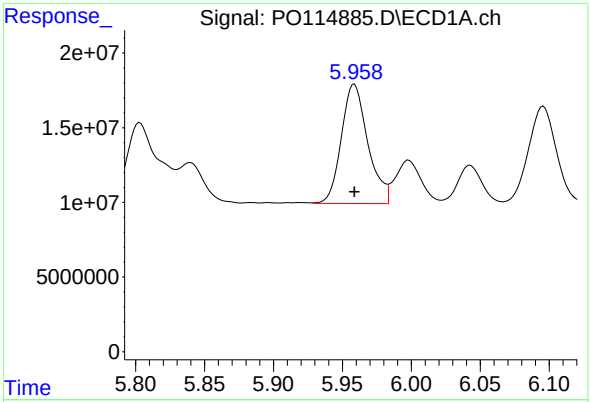
#22 AR-1248-2

R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 97032346
Conc: 500.00 ng/ml



#22 AR-1248-2

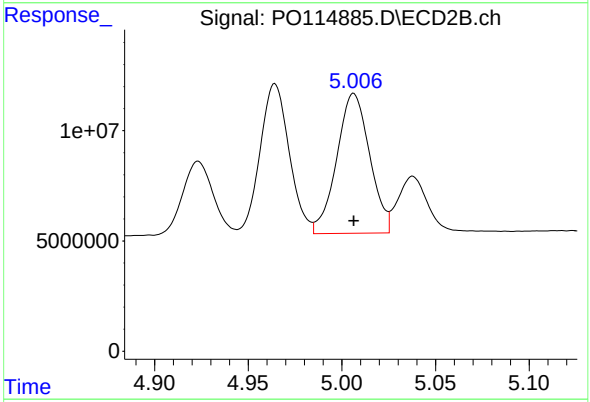
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 74265259
Conc: 500.00 ng/ml



#23 AR-1248-3

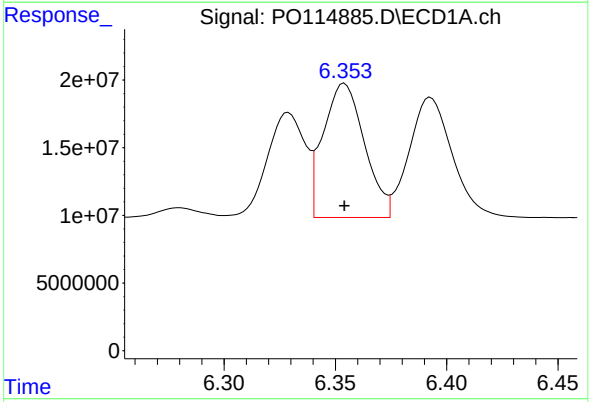
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 106991977
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



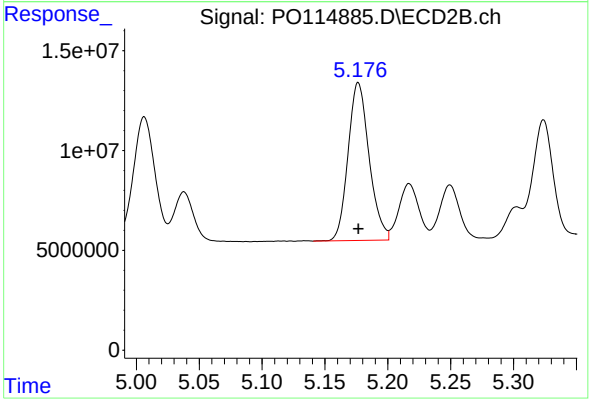
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 77737125
Conc: 500.00 ng/ml



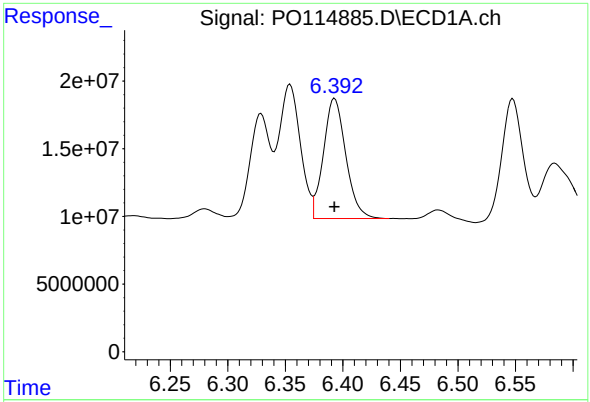
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 127924322
Conc: 500.00 ng/ml



#24 AR-1248-4

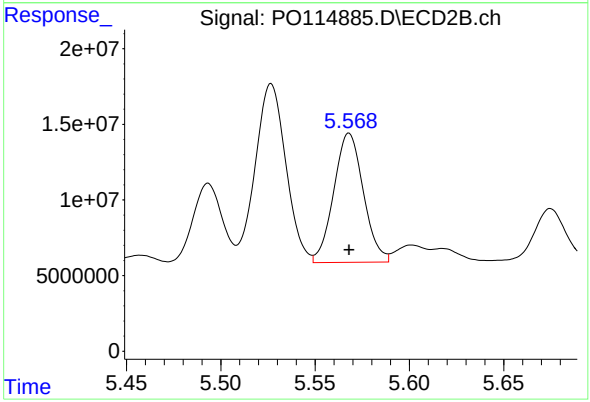
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 92085877
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 119734539
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 93519021
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:14
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:29:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.349	3.649	185.1E6	120.3E6	24.933	24.939
2)	SA Decachlor...	9.931	8.642	116.5E6	110.1E6	25.002	26.000
	Target Compounds						
21)	L5 AR-1248-1	5.487	4.728	35435549	28273297	260.067	262.392
22)	L5 AR-1248-2	5.758	4.964	49098195	38173242	258.061	263.101
23)	L5 AR-1248-3	5.958	5.006	53231777	39587309	254.519	260.615
24)	L5 AR-1248-4	6.354	5.176	63989316	46878477	256.419	260.212
25)	L5 AR-1248-5	6.393	5.567	60028950	47410600	256.634	259.234

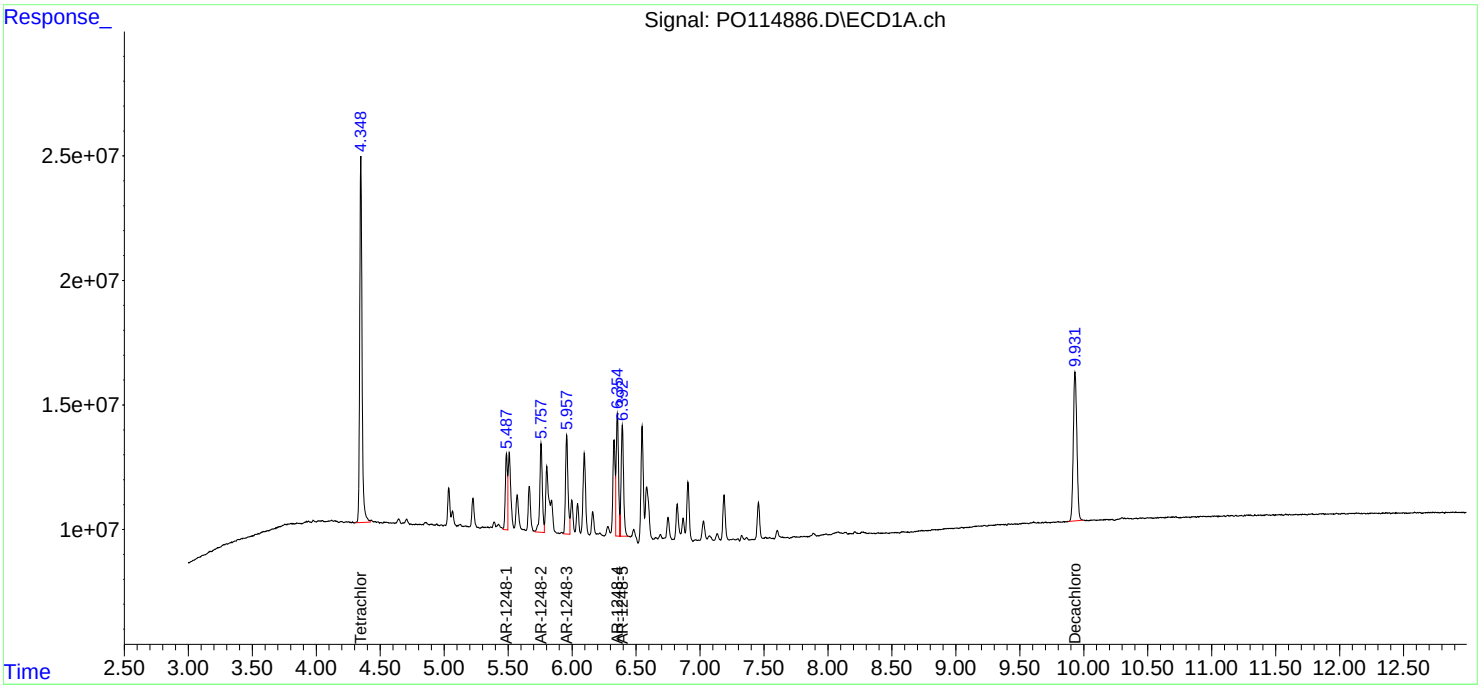
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

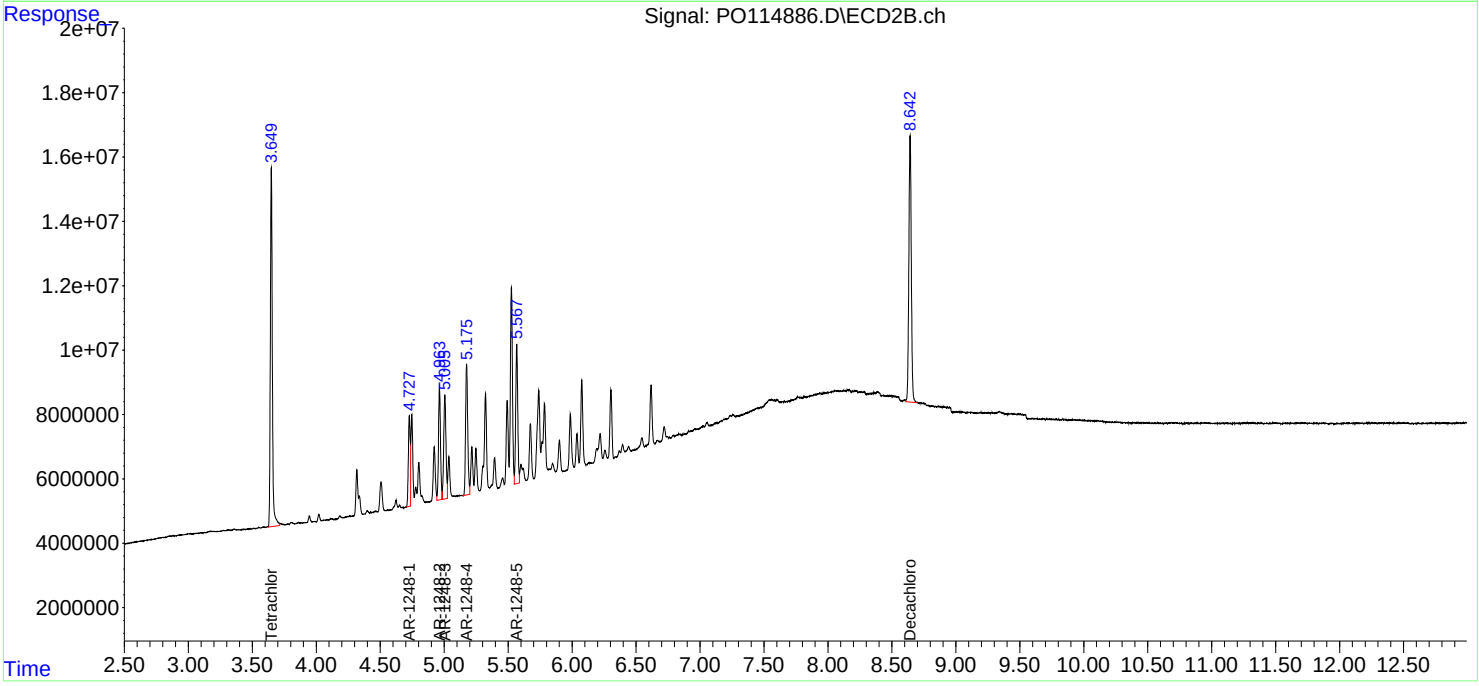
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:14
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

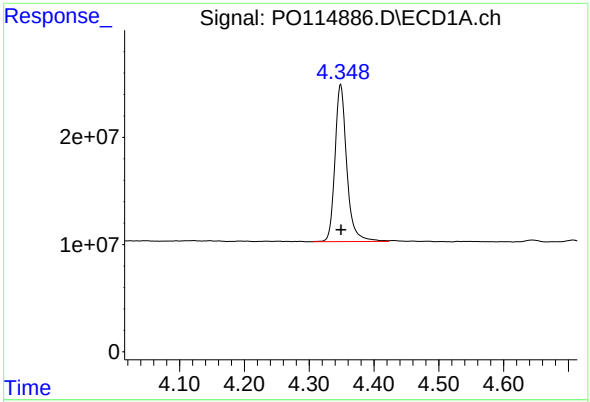
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:29:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



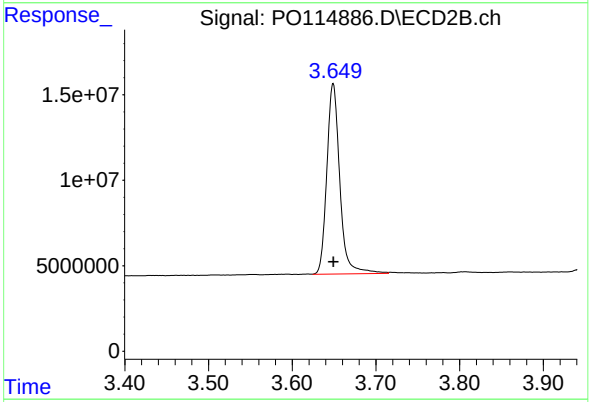




#1 Tetrachloro-m-xylene

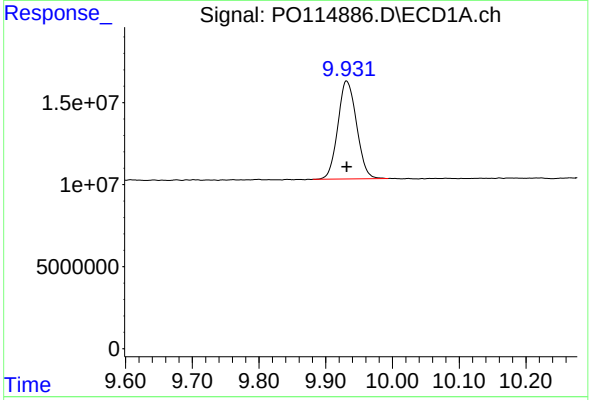
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 185065214
Conc: 24.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



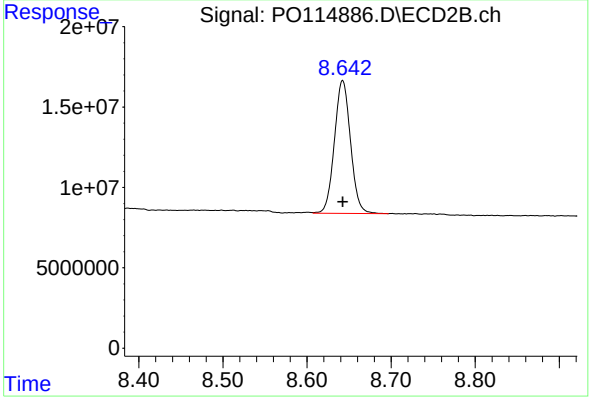
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 120280239
Conc: 24.94 ng/ml



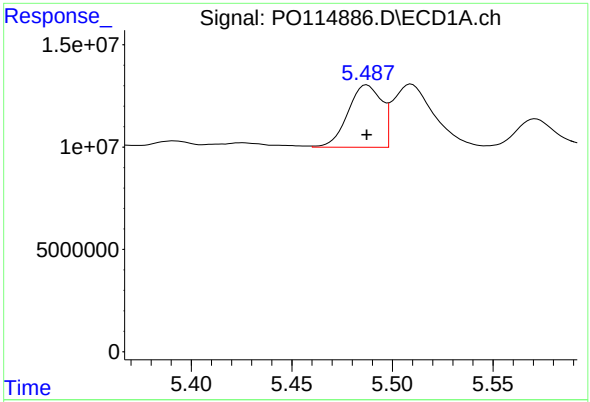
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 116530069
Conc: 25.00 ng/ml



#2 Decachlorobiphenyl

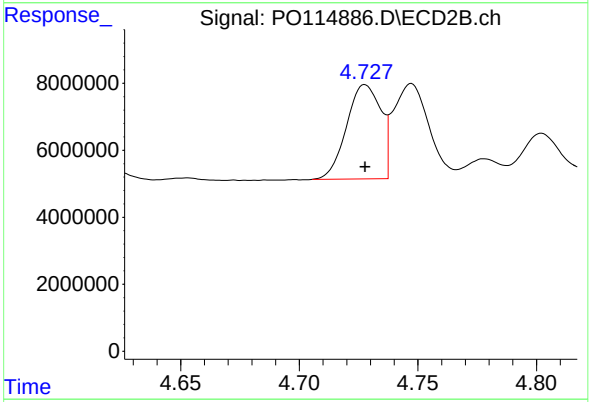
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 110081763
Conc: 26.00 ng/ml



#21 AR-1248-1

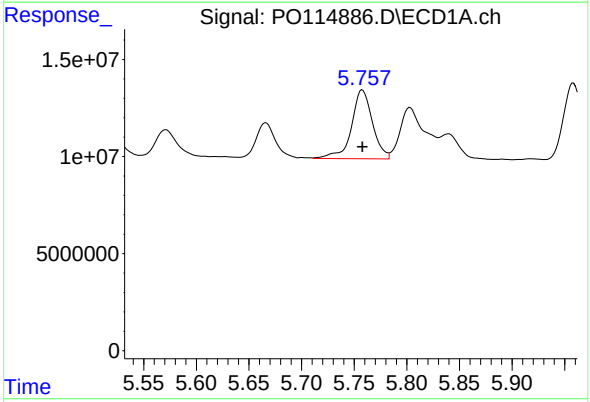
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 35435549
Conc: 260.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



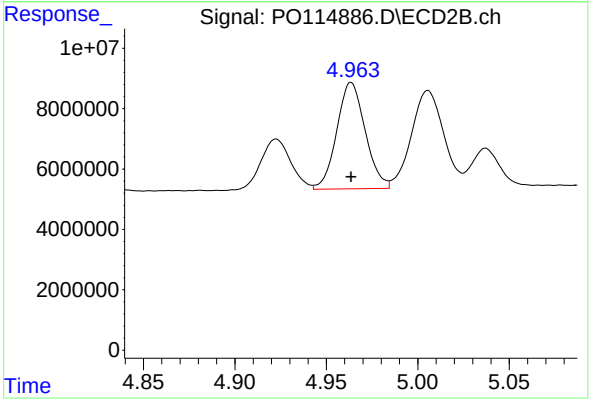
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 28273297
Conc: 262.39 ng/ml



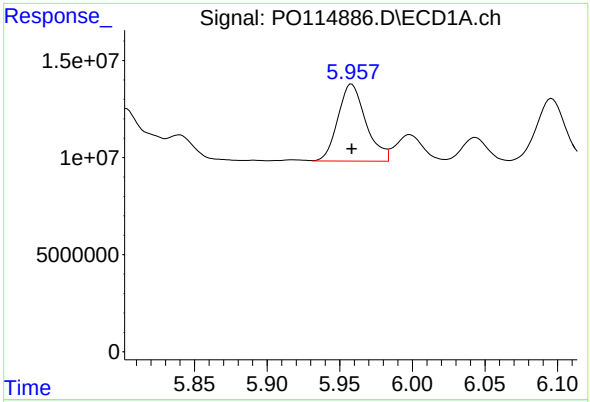
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 49098195
Conc: 258.06 ng/ml



#22 AR-1248-2

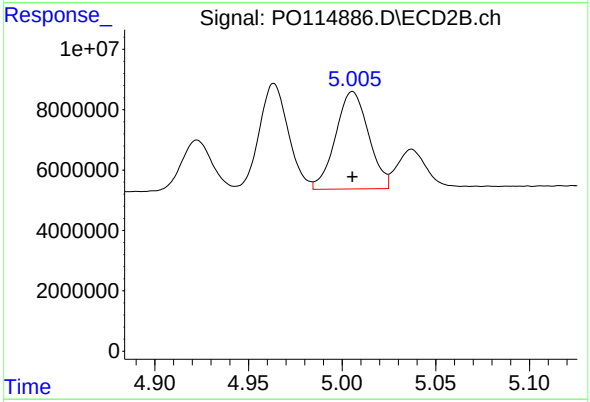
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 38173242
Conc: 263.10 ng/ml



#23 AR-1248-3

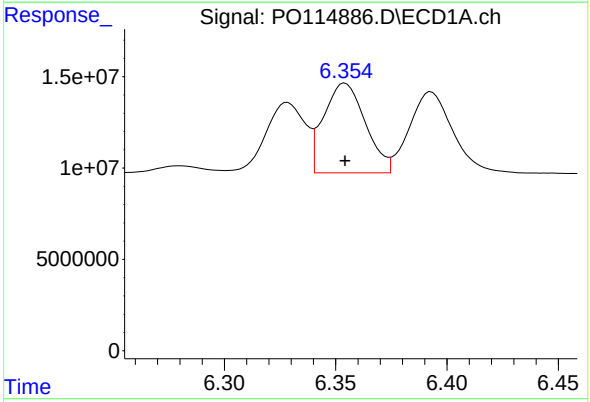
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 53231777
Conc: 254.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



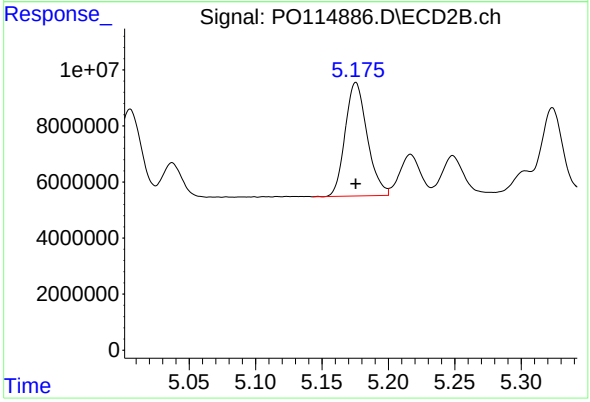
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 39587309
Conc: 260.61 ng/ml



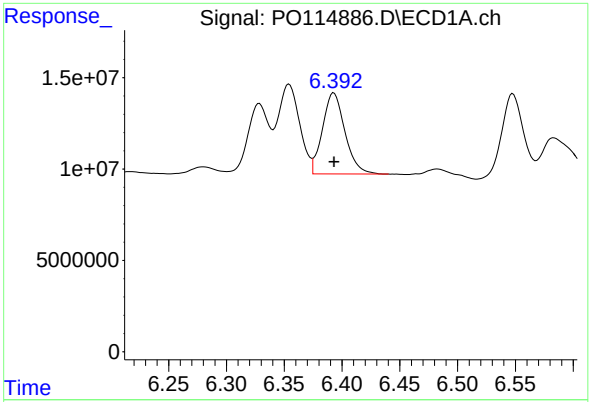
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 63989316
Conc: 256.42 ng/ml



#24 AR-1248-4

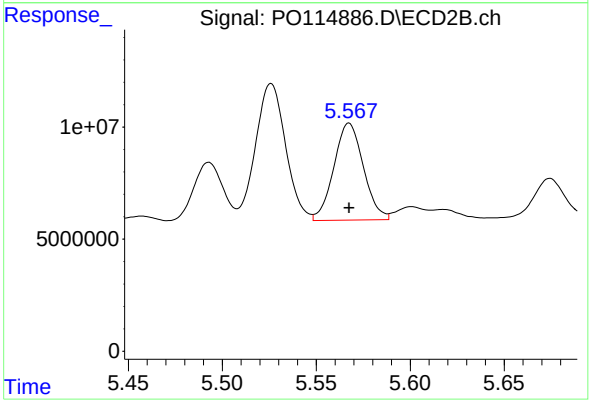
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 46878477
Conc: 260.21 ng/ml



#25 AR-1248-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 60028950
Conc: 256.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 47410600
Conc: 259.23 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:33
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:49:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:48:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.648	36092002	23635170	4.889	4.920
2)	SA Decachlor...	9.931	8.642	21056806	20723944	4.607	4.915
	Target Compounds						
21)	L5 AR-1248-1	5.487	4.727	7710330	5776990	55.135	52.850
22)	L5 AR-1248-2	5.758	4.963	10567680	8207209	54.339	55.119
23)	L5 AR-1248-3	5.958	5.005	10879375	8472020	51.601	54.515
24)	L5 AR-1248-4	6.355	5.176	13238663	9782119	52.411	53.381
25)	L5 AR-1248-5	6.393	5.567	12160694	9504633	51.579	51.564

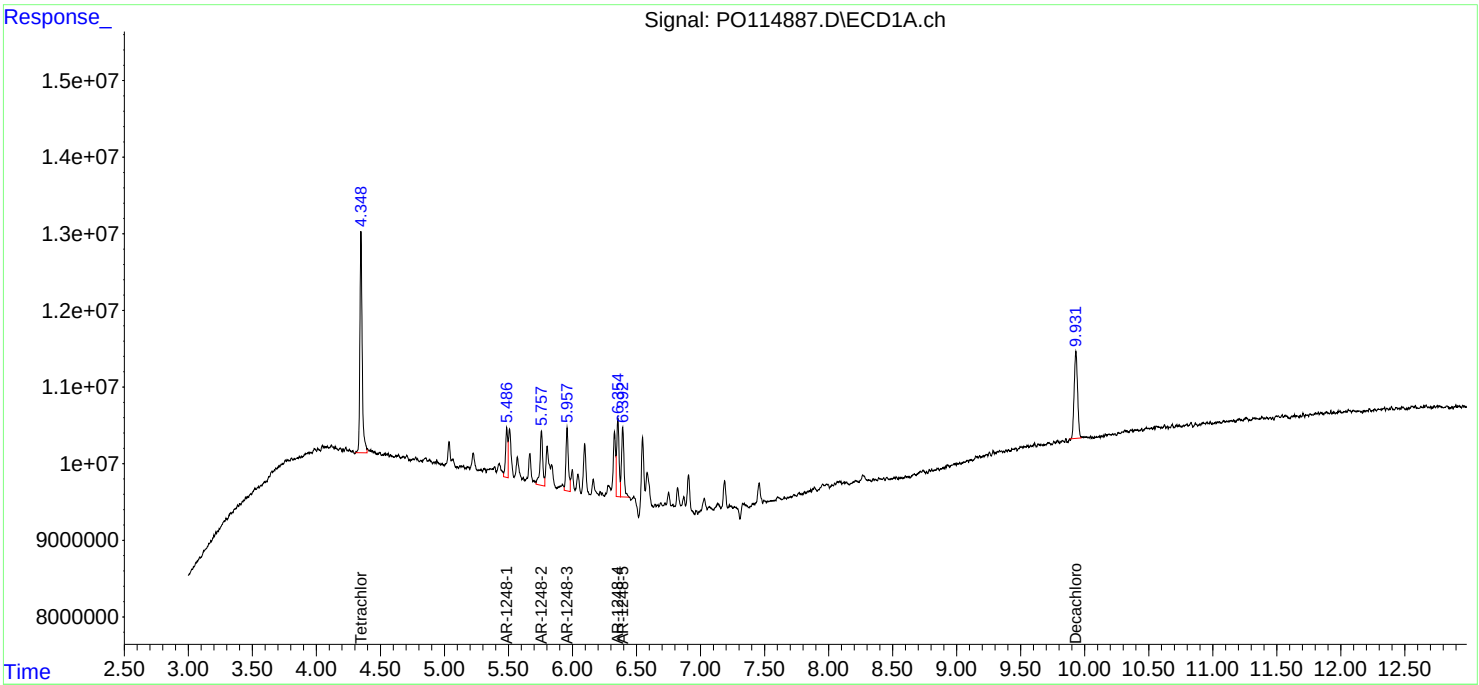
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

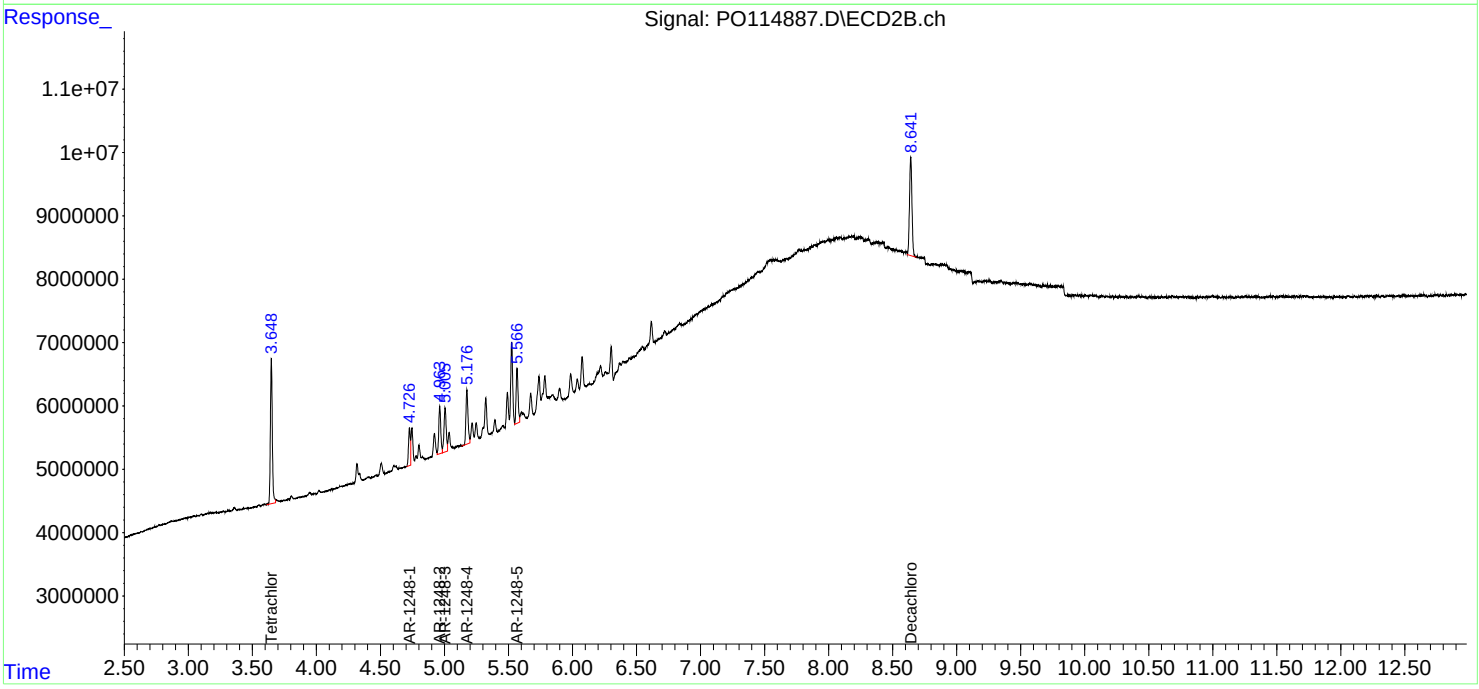
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:33
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

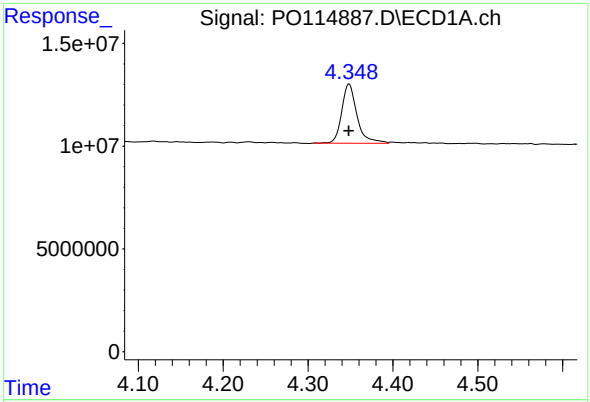
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:49:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 04 14:48:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



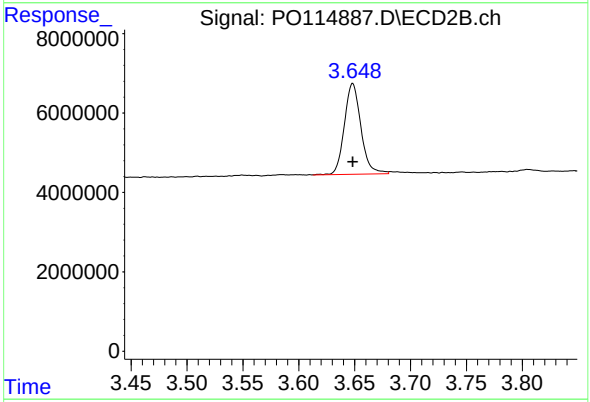




#1 Tetrachloro-m-xylene

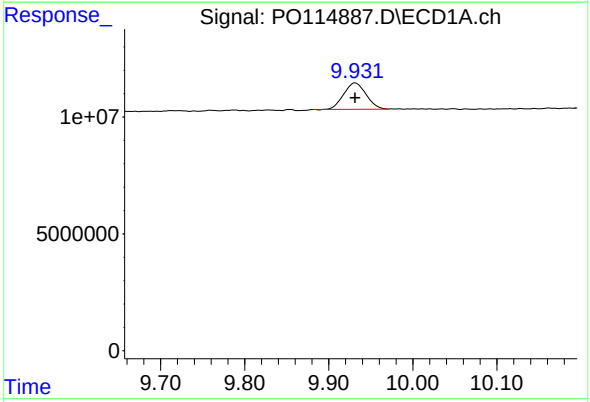
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 36092002
Conc: 4.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



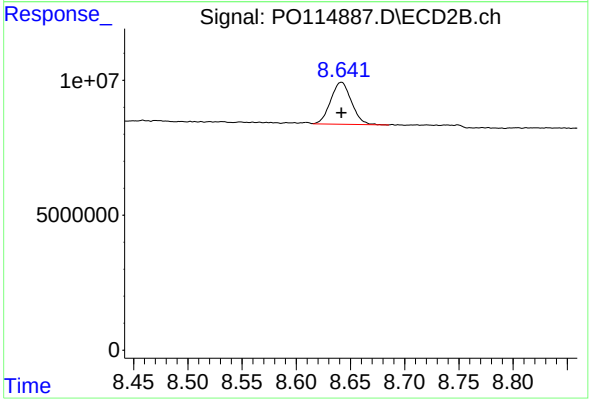
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 23635170
Conc: 4.92 ng/ml



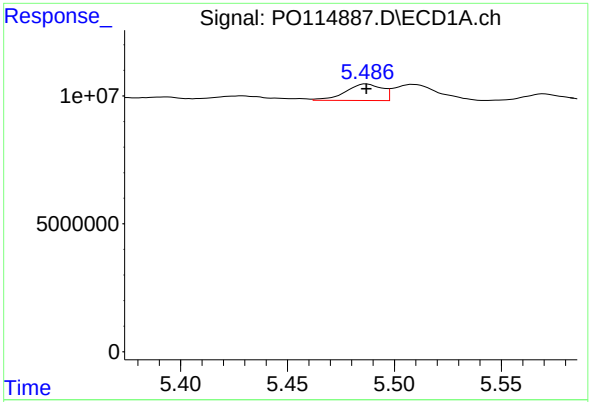
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 21056806
Conc: 4.61 ng/ml



#2 Decachlorobiphenyl

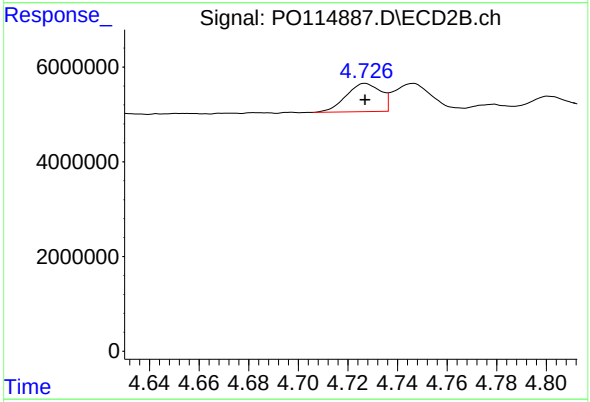
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 20723944
Conc: 4.92 ng/ml



#21 AR-1248-1

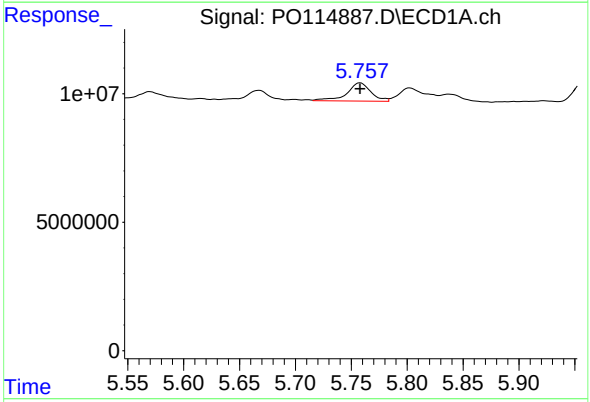
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 7710330
Conc: 55.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



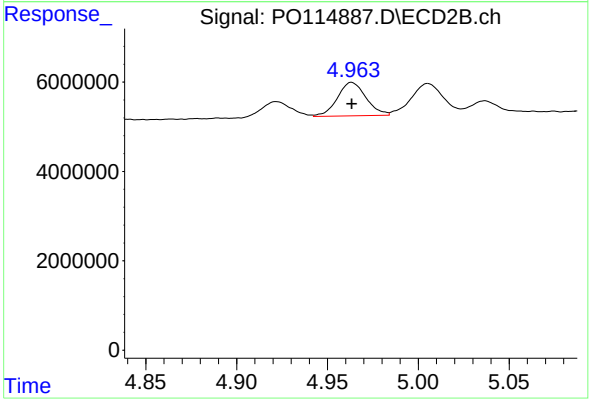
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 5776990
Conc: 52.85 ng/ml



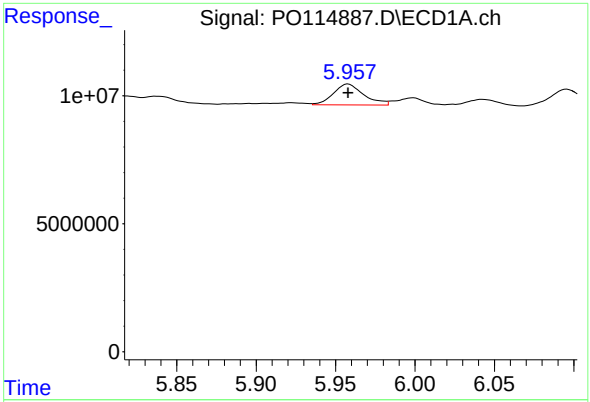
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 10567680
Conc: 54.34 ng/ml



#22 AR-1248-2

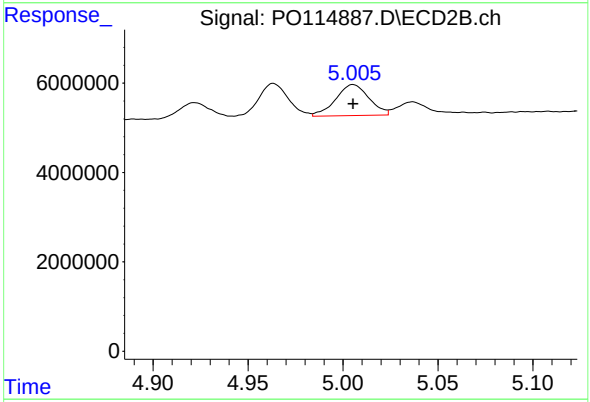
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 8207209
Conc: 55.12 ng/ml



#23 AR-1248-3

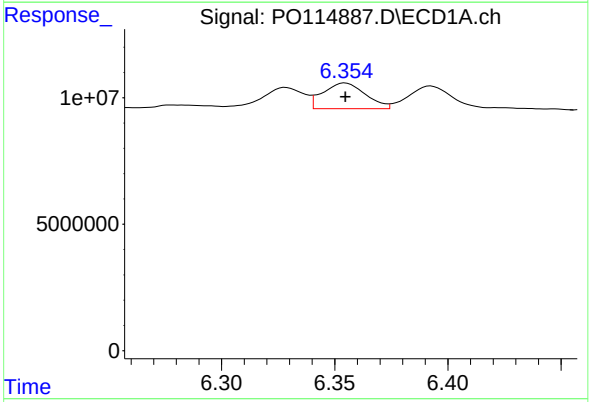
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 10879375
Conc: 51.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



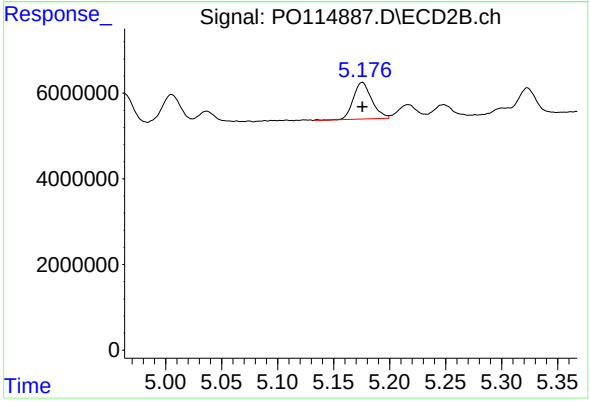
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 8472020
Conc: 54.51 ng/ml



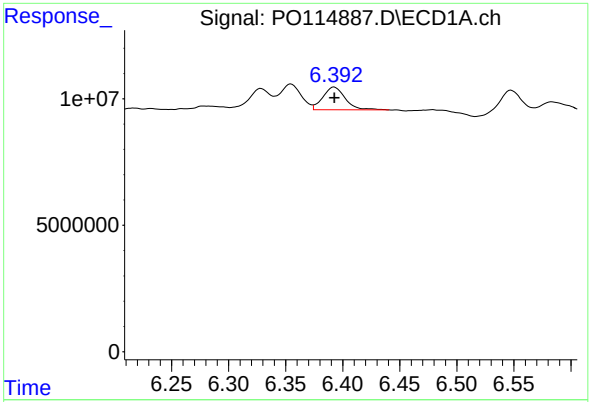
#24 AR-1248-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 13238663
Conc: 52.41 ng/ml



#24 AR-1248-4

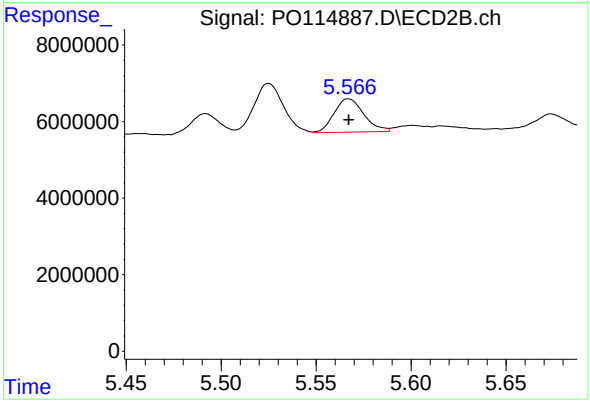
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 9782119
Conc: 53.38 ng/ml



#25 AR-1248-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 12160694
Conc: 51.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 9504633
Conc: 51.56 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:51
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.349	3.650	741.1E6	479.1E6	94.981	94.986
2)	SA Decachlor...	9.932	8.642	479.2E6	427.3E6	94.662	92.802
	Target Compounds						
26)	L6 AR-1254-1	6.331	5.527	240.6E6	275.4E6	929.768	917.386
27)	L6 AR-1254-2	6.547	5.675	346.0E6	245.3E6	931.192	915.477
28)	L6 AR-1254-3	6.907	6.076	372.9E6	398.2E6	939.256	924.961
29)	L6 AR-1254-4	7.188	6.304	315.5E6	284.8E6	936.760	933.639
30)	L6 AR-1254-5	7.604	6.721	295.4E6	385.7E6	946.239	941.905

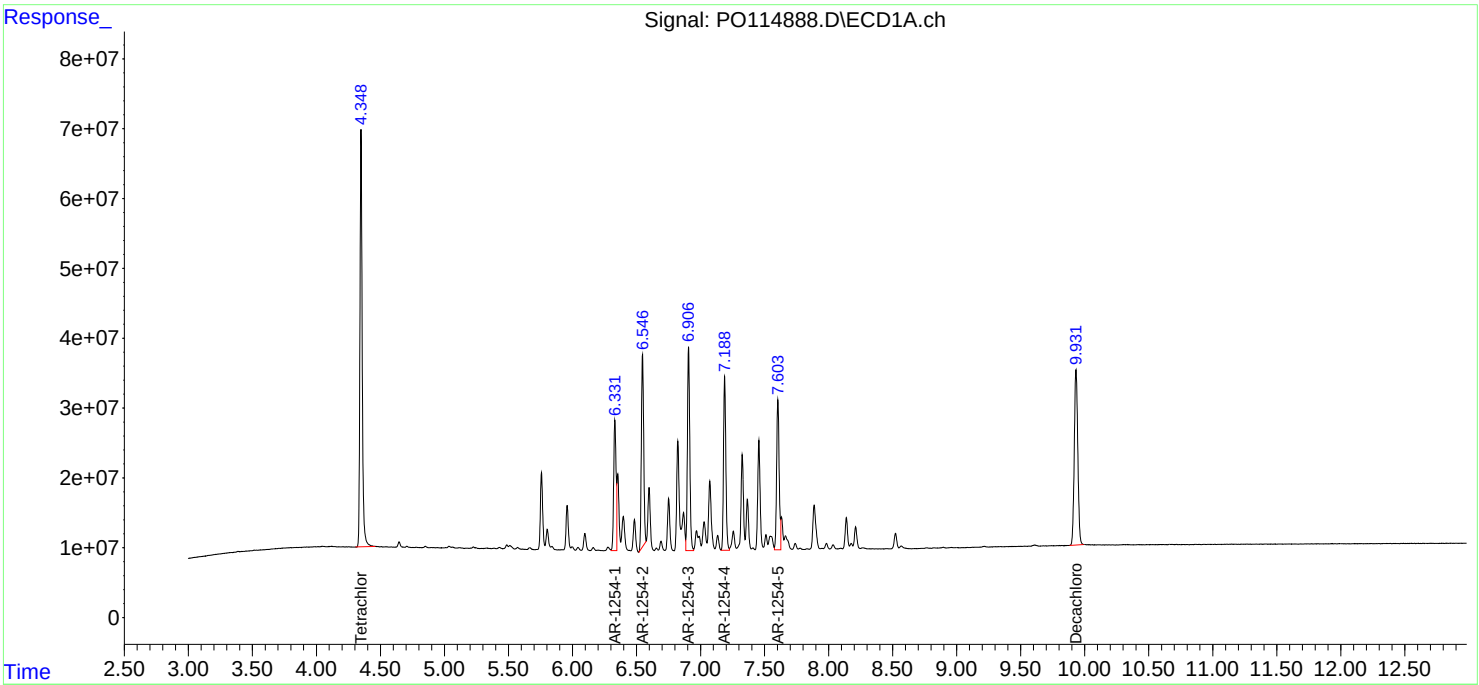
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

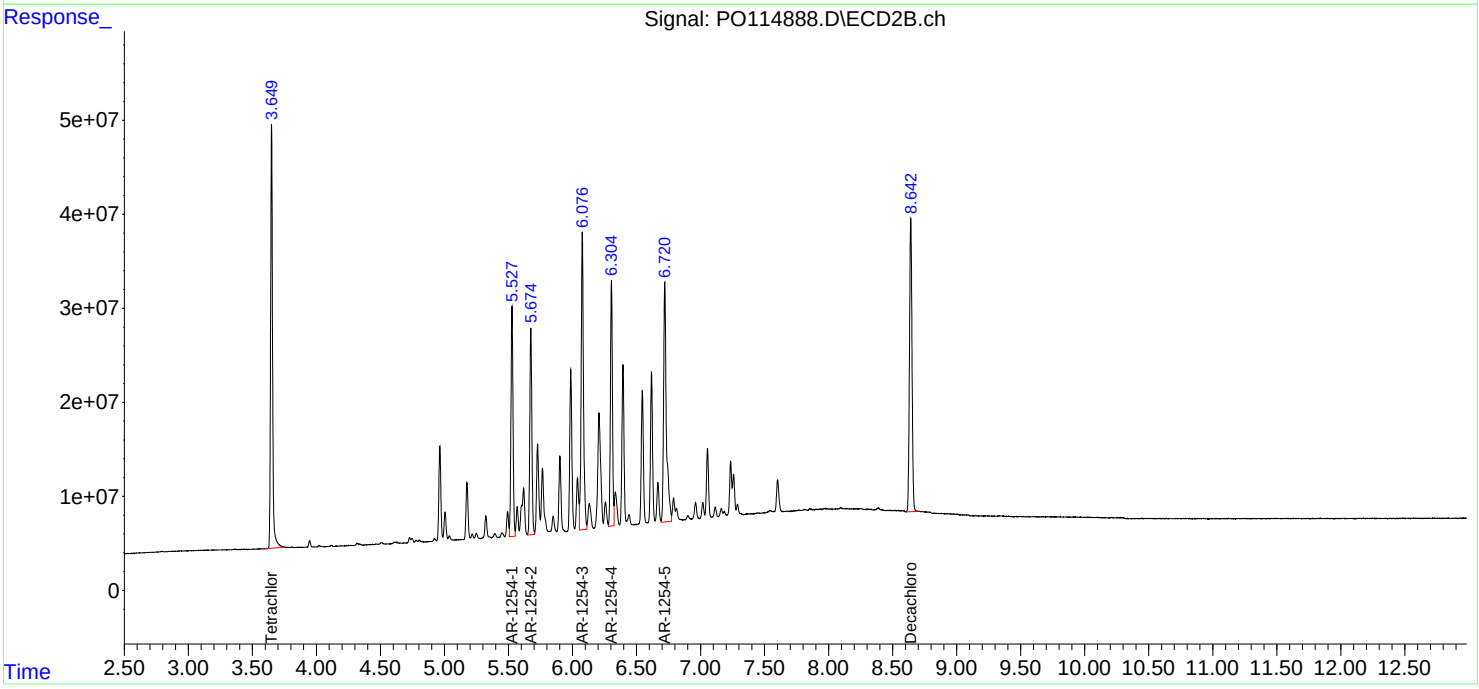
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:51
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

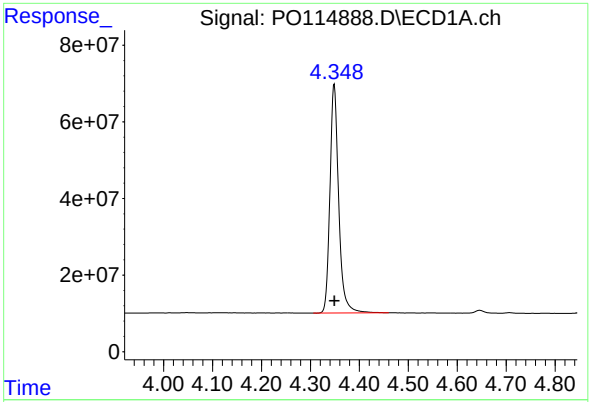
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



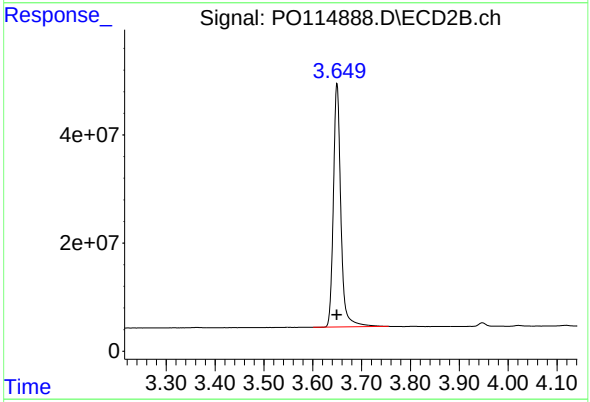




#1 Tetrachloro-m-xylene

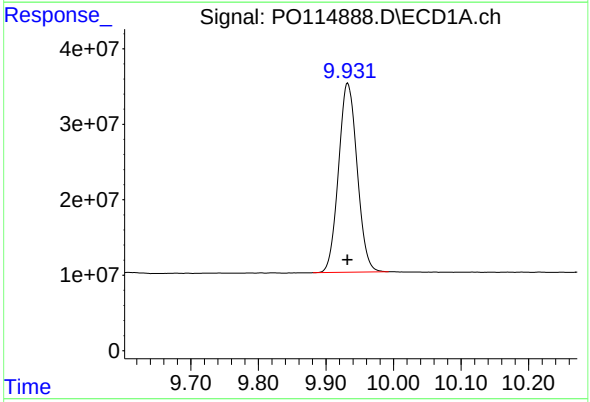
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 741058544
Conc: 94.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



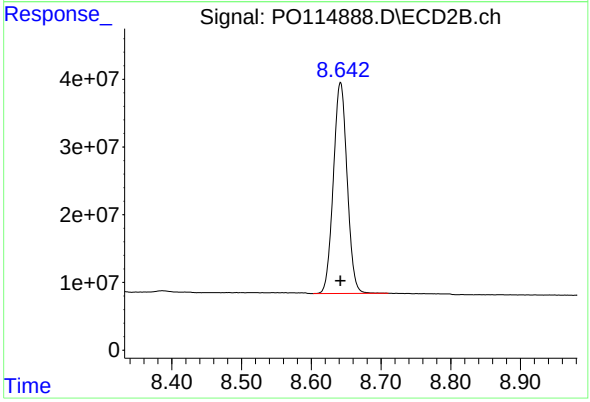
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 479108532
Conc: 94.99 ng/ml



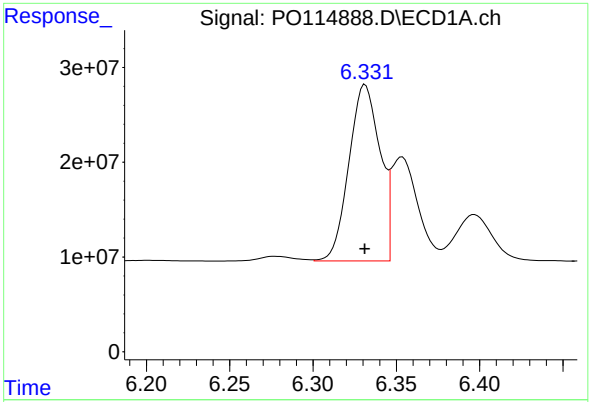
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 479176947
Conc: 94.66 ng/ml



#2 Decachlorobiphenyl

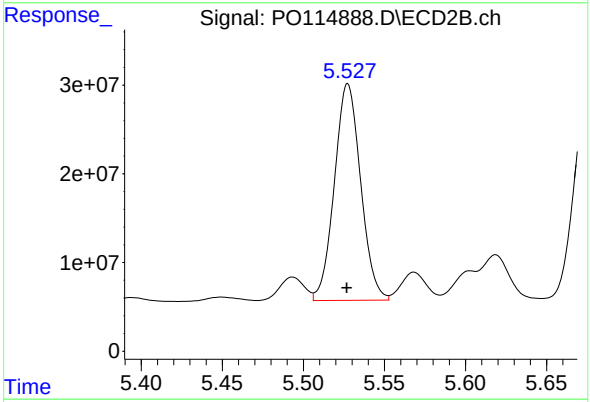
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 427337336
Conc: 92.80 ng/ml



#26 AR-1254-1

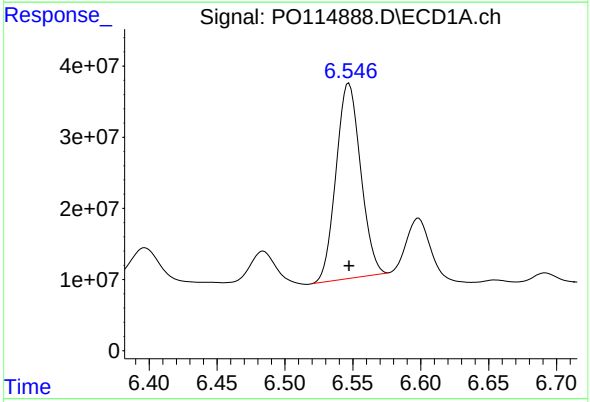
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 240591852
Conc: 929.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



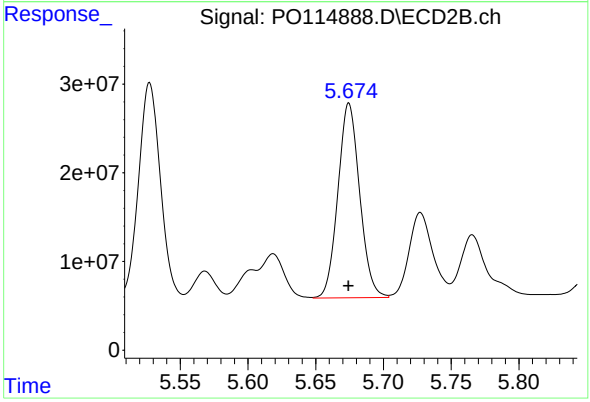
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 275439068
Conc: 917.39 ng/ml



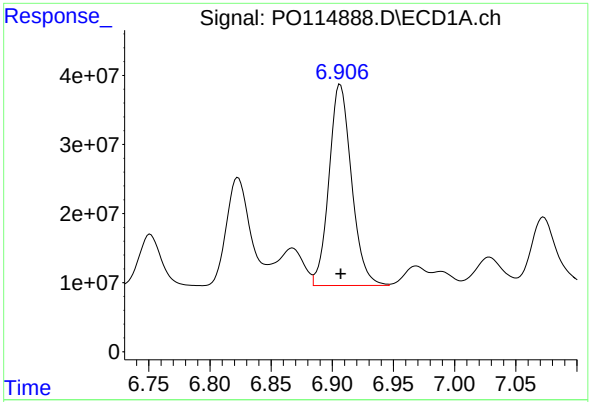
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 346021204
Conc: 931.19 ng/ml



#27 AR-1254-2

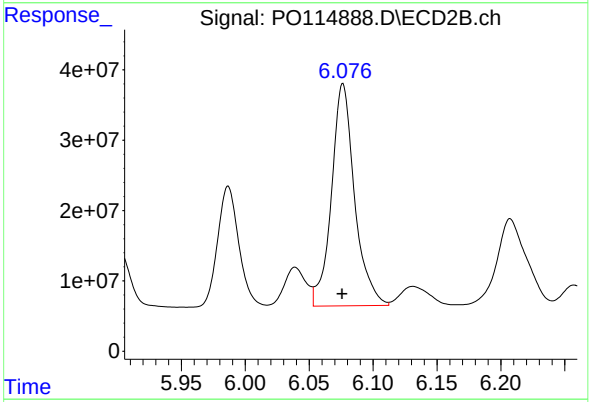
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 245333366
Conc: 915.48 ng/ml



#28 AR-1254-3

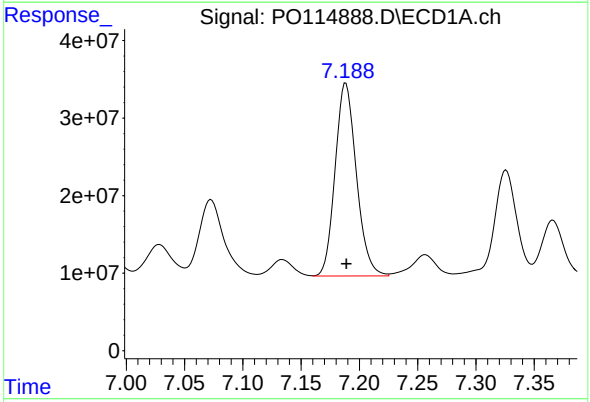
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 372893964
Conc: 939.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



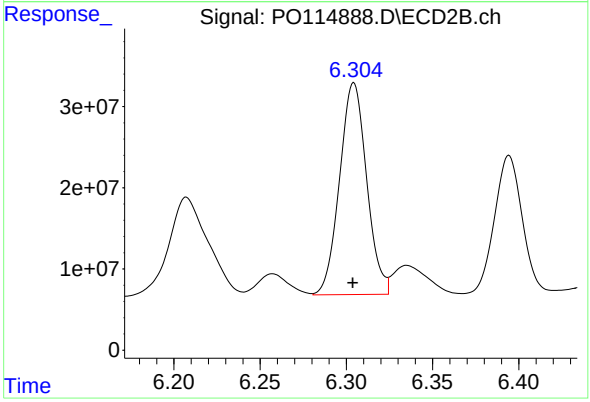
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 398238109
Conc: 924.96 ng/ml



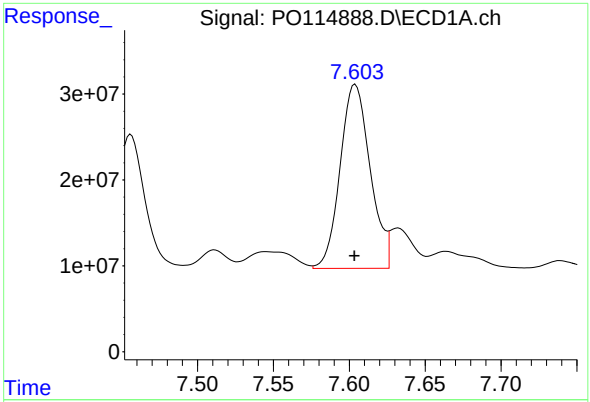
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 315539209
Conc: 936.76 ng/ml



#29 AR-1254-4

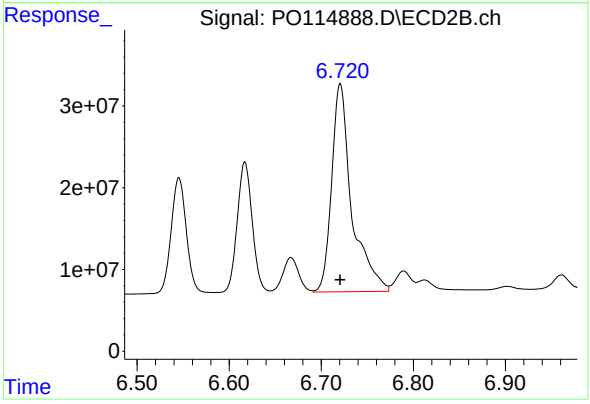
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 284785979
Conc: 933.64 ng/ml



#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 295373361
Conc: 946.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 385708423
Conc: 941.91 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:09
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.349	3.650	564.5E6	366.5E6	72.353	72.665
2)	SA Decachlor...	9.933	8.642	367.3E6	327.5E6	72.554	71.130
	Target Compounds						
26)	L6 AR-1254-1	6.331	5.527	185.6E6	213.2E6	717.106	710.020
27)	L6 AR-1254-2	6.547	5.675	265.1E6	190.0E6	713.548	708.846
28)	L6 AR-1254-3	6.907	6.077	285.3E6	308.0E6	718.711	715.281
29)	L6 AR-1254-4	7.189	6.304	241.1E6	221.2E6	715.674	725.087
30)	L6 AR-1254-5	7.604	6.721	225.5E6	294.2E6	722.455	718.550

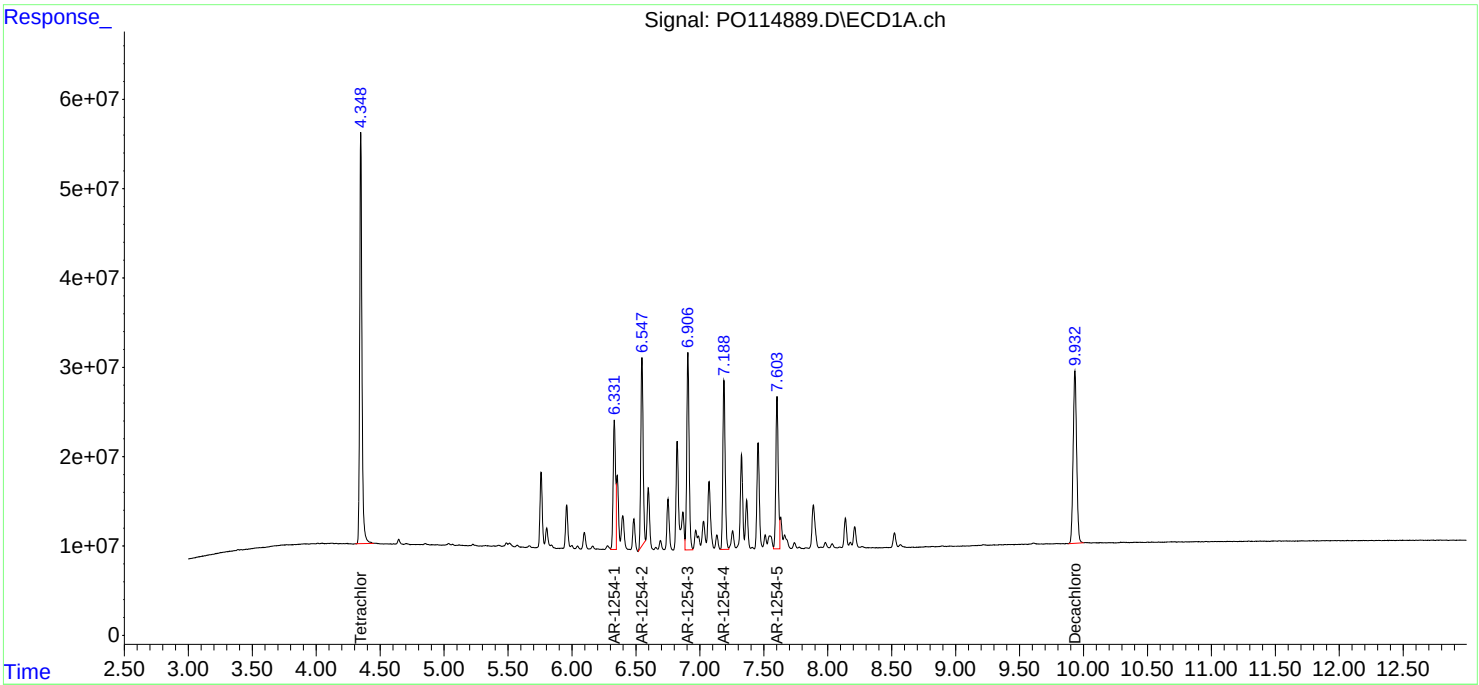
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

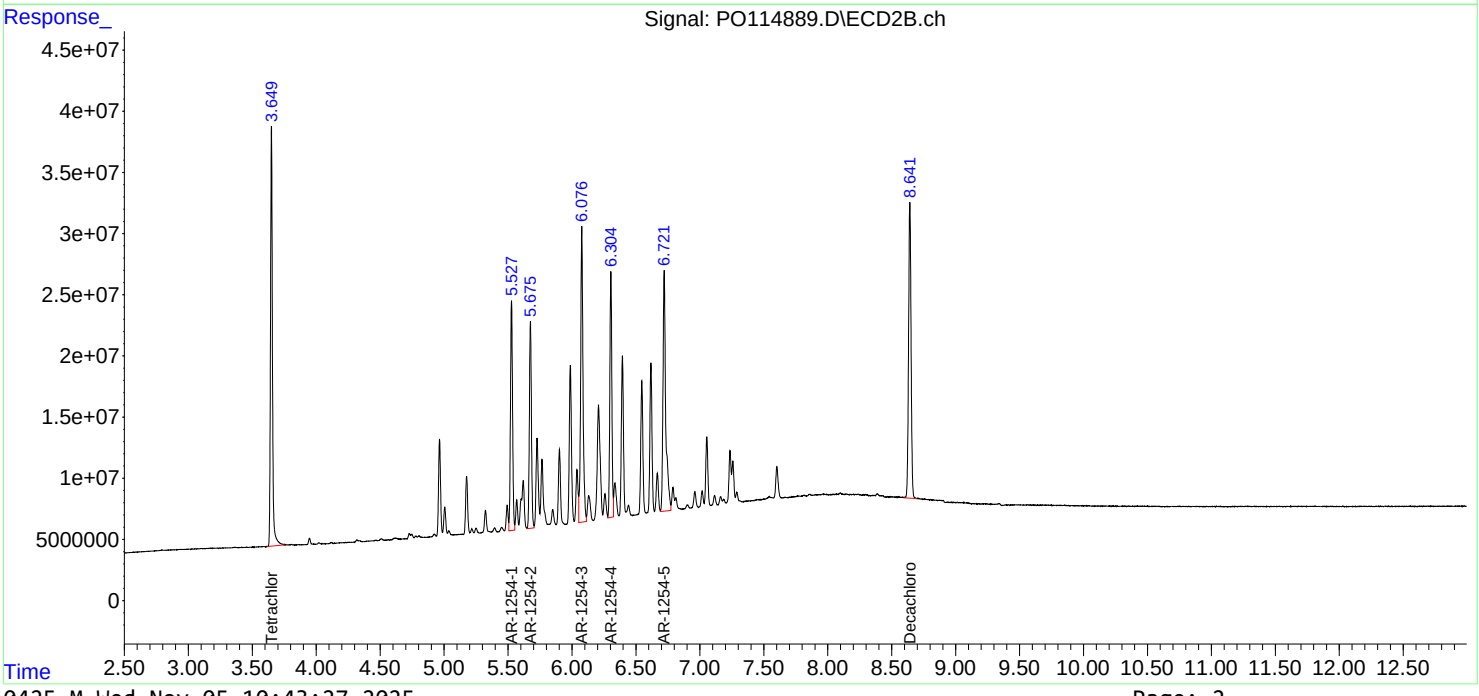
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:09
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

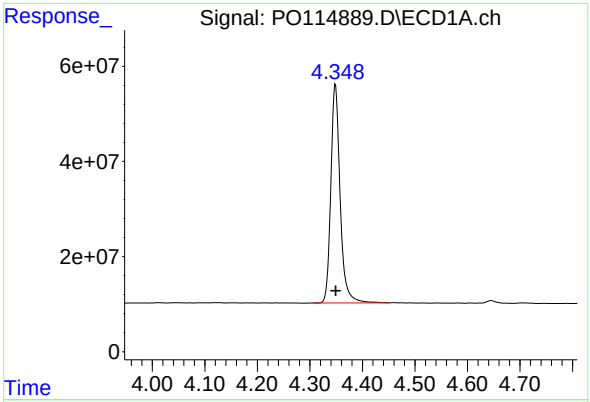
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



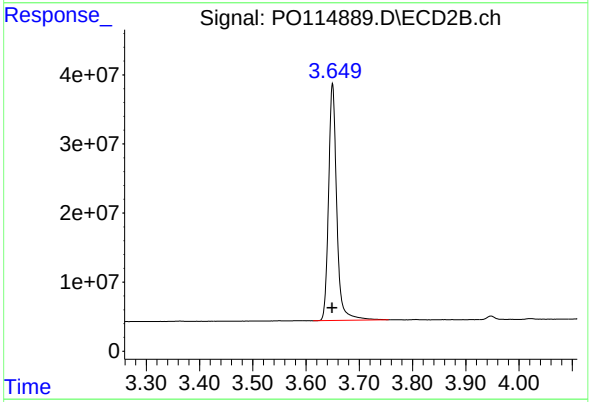




#1 Tetrachloro-m-xylene

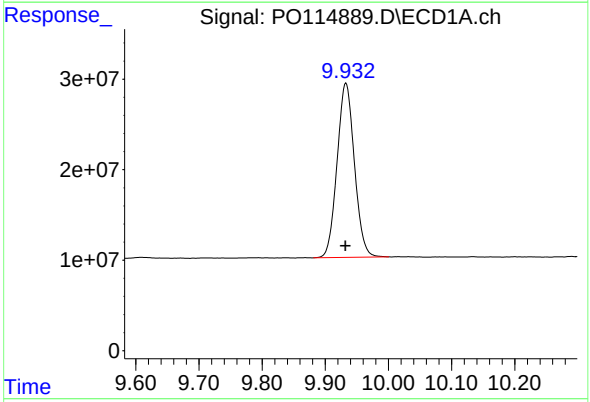
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 564510700
Conc: 72.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



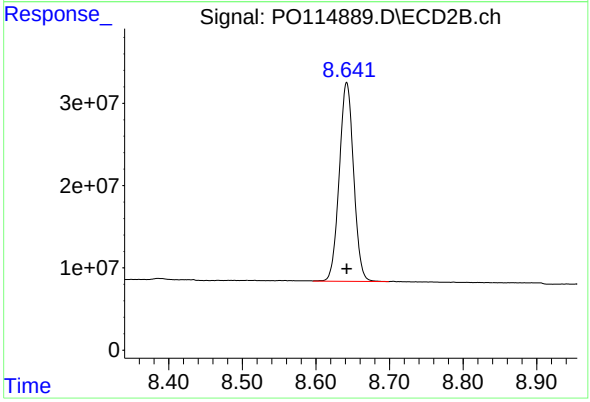
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 366525358
Conc: 72.67 ng/ml



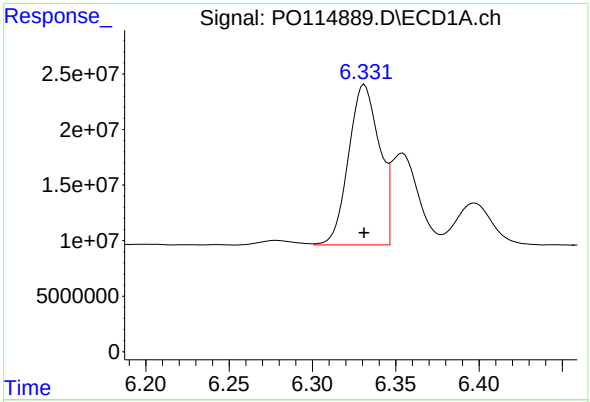
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 367264664
Conc: 72.55 ng/ml



#2 Decachlorobiphenyl

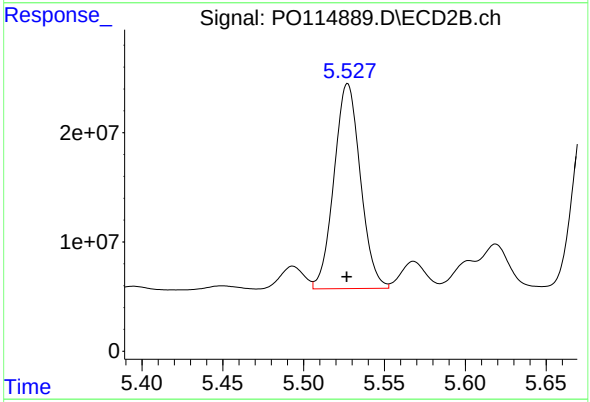
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 327542020
Conc: 71.13 ng/ml



#26 AR-1254-1

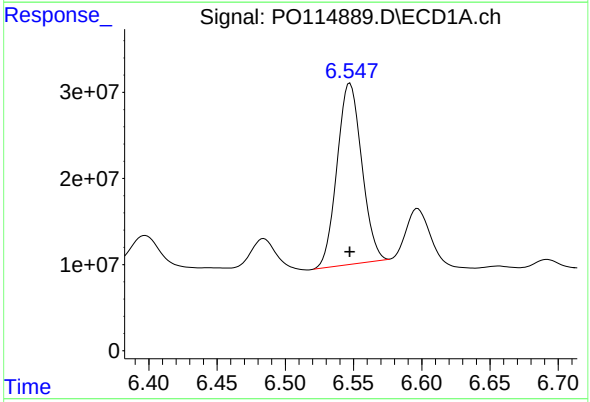
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 185562370
Conc: 717.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



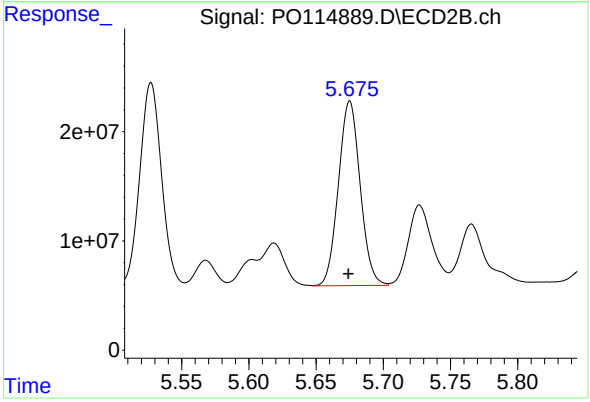
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 213178763
Conc: 710.02 ng/ml



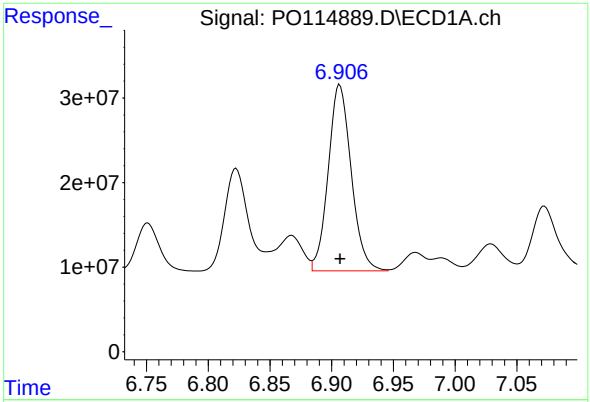
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 265146973
Conc: 713.55 ng/ml



#27 AR-1254-2

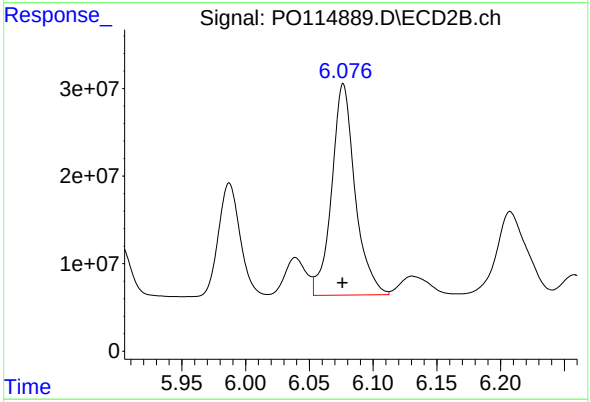
R.T.: 5.675 min
Delta R.T.: 0.001 min
Response: 189959424
Conc: 708.85 ng/ml



#28 AR-1254-3

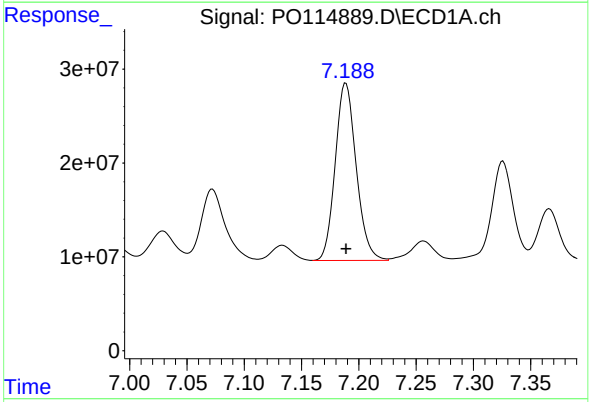
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 285335234
Conc: 718.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



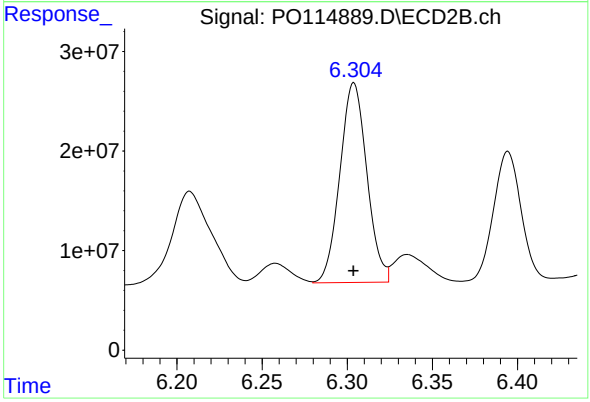
#28 AR-1254-3

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 307961129
Conc: 715.28 ng/ml



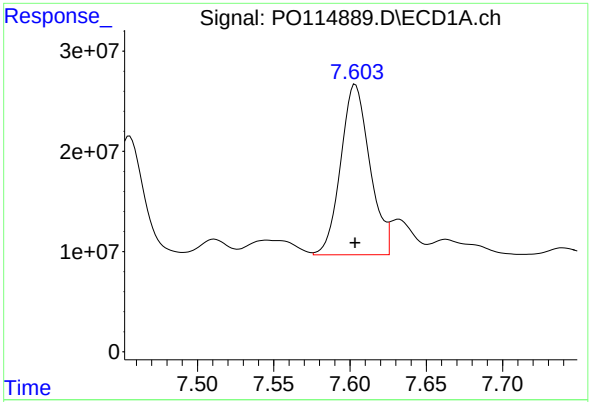
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 241068385
Conc: 715.67 ng/ml



#29 AR-1254-4

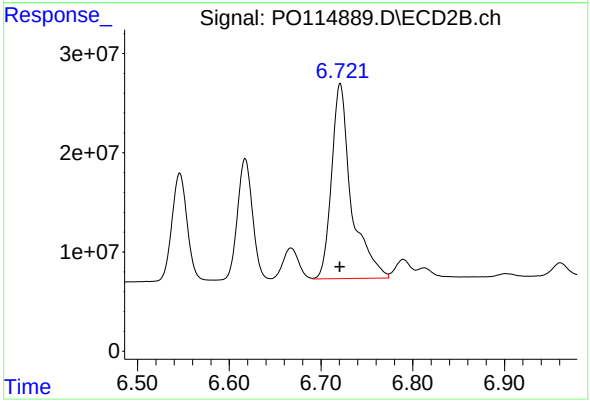
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 221171549
Conc: 725.09 ng/ml



#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 225517894
Conc: 722.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 294245034
Conc: 718.55 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:28
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.349	3.649	390.1E6	252.2E6	50.000	50.000
2)	SA Decachlor...	9.932	8.642	253.1E6	230.2E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.331	5.527	129.4E6	150.1E6	500.000	500.000
27)	L6 AR-1254-2	6.547	5.674	185.8E6	134.0E6	500.000	500.000
28)	L6 AR-1254-3	6.907	6.076	198.5E6	215.3E6	500.000	500.000
29)	L6 AR-1254-4	7.189	6.304	168.4E6	152.5E6	500.000	500.000
30)	L6 AR-1254-5	7.603	6.720	156.1E6	204.7E6	500.000	500.000

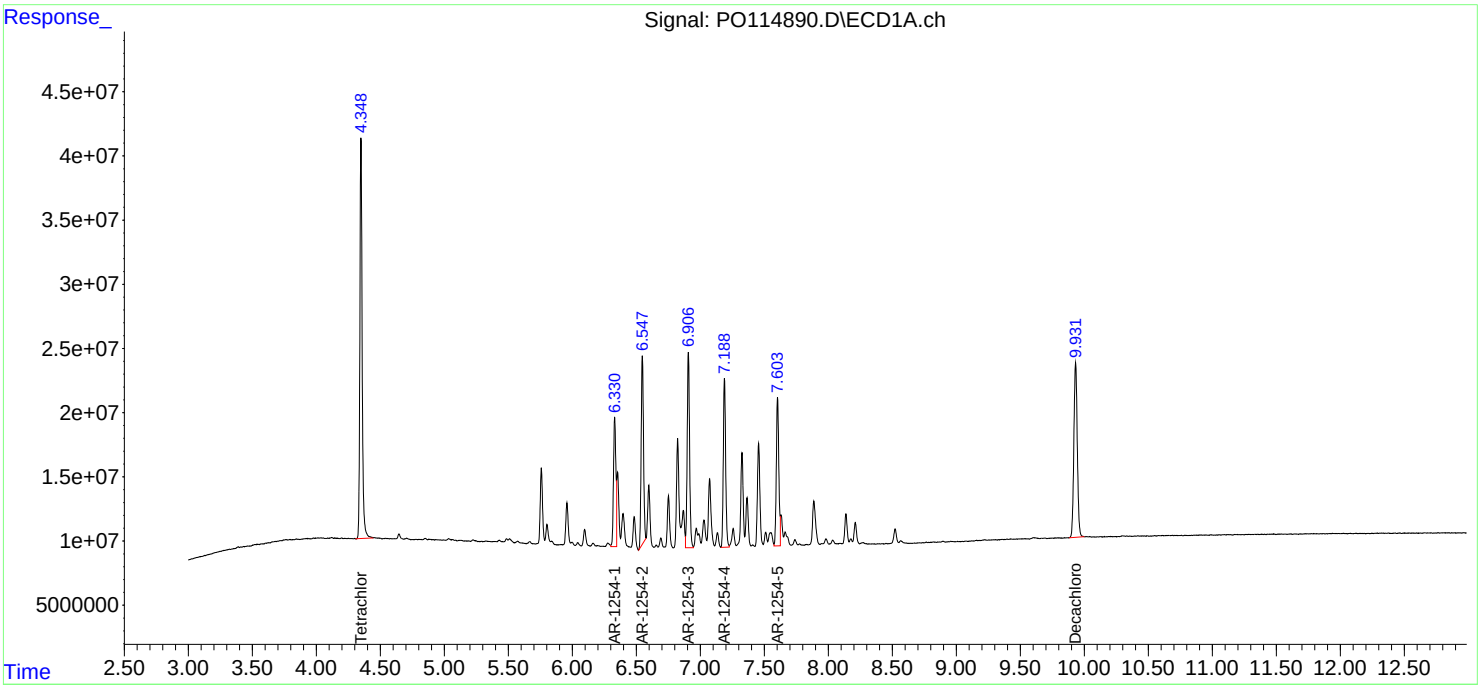
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

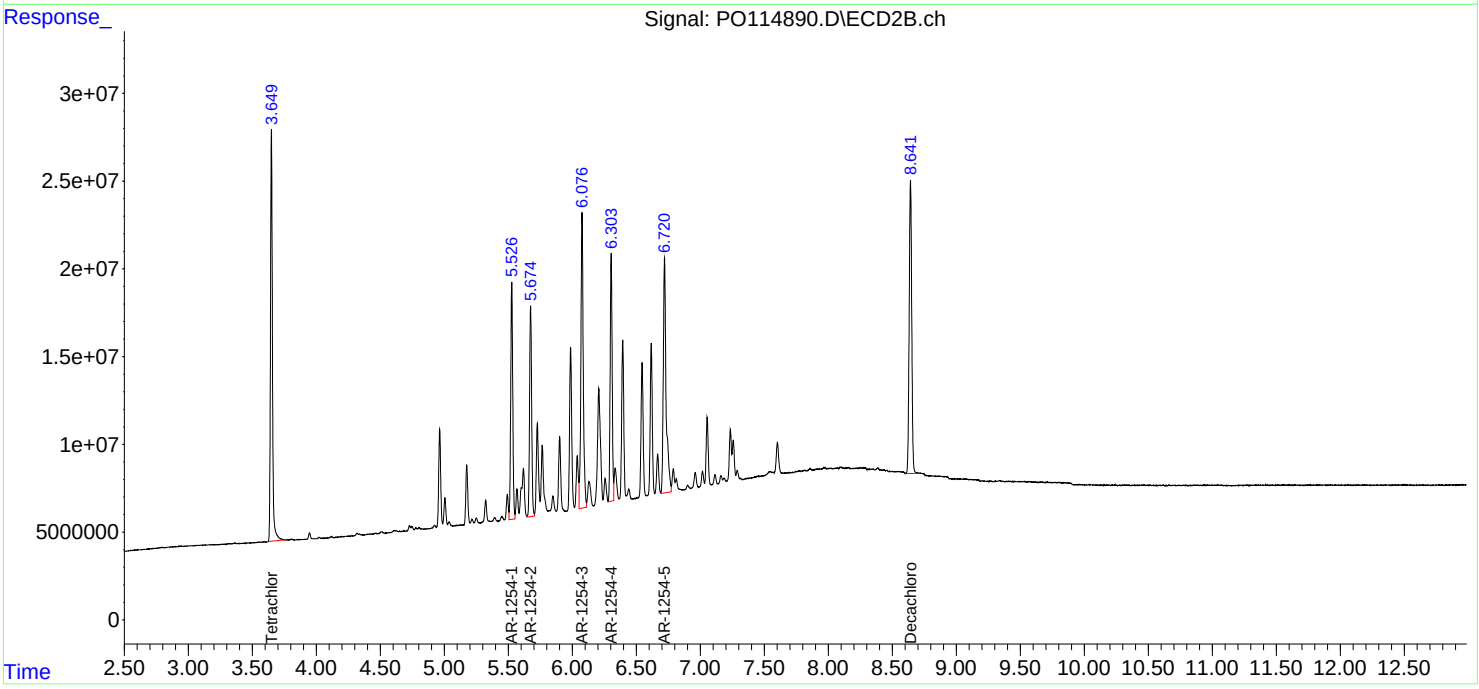
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:28
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

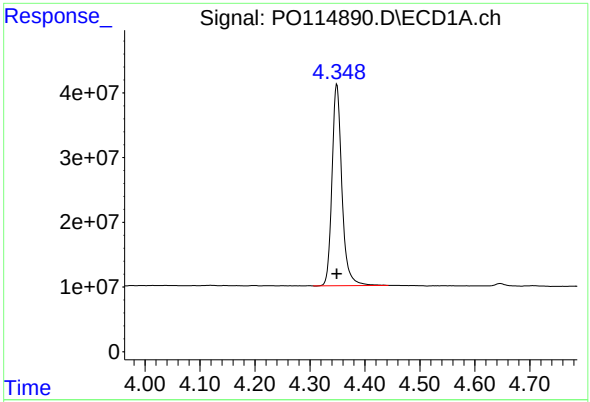
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



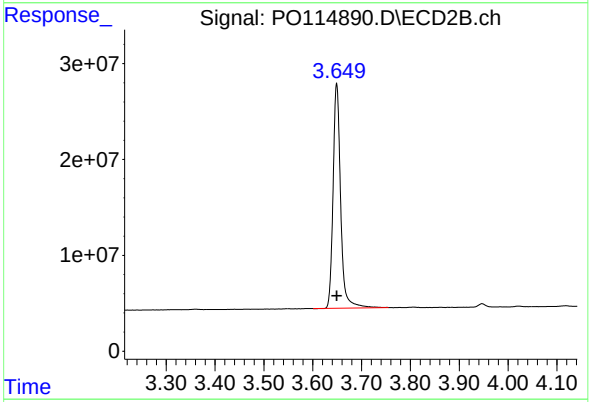




#1 Tetrachloro-m-xylene

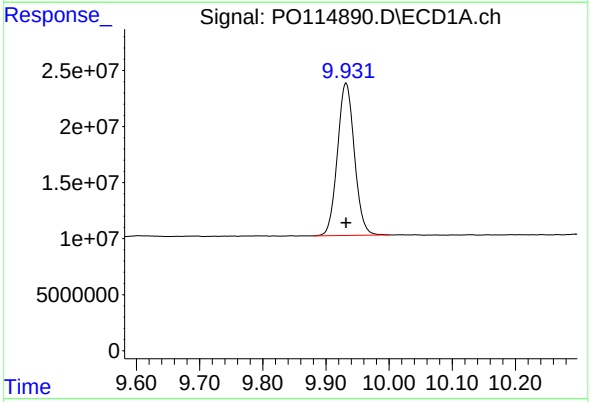
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 390109233
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



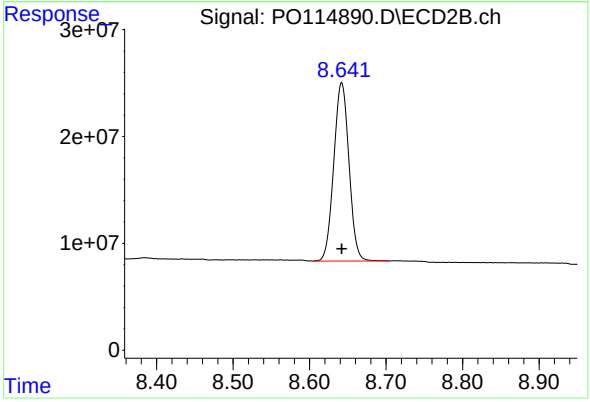
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 252200535
Conc: 50.00 ng/ml



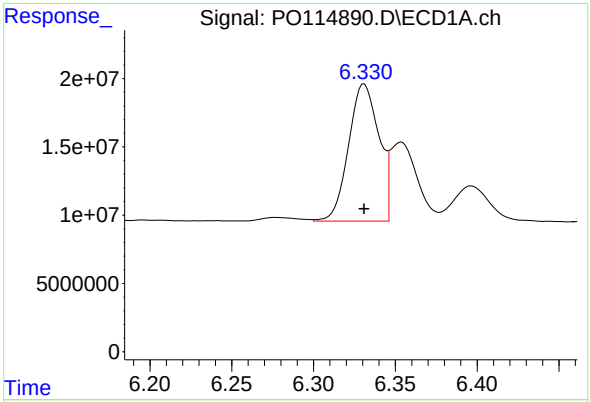
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 253098432
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

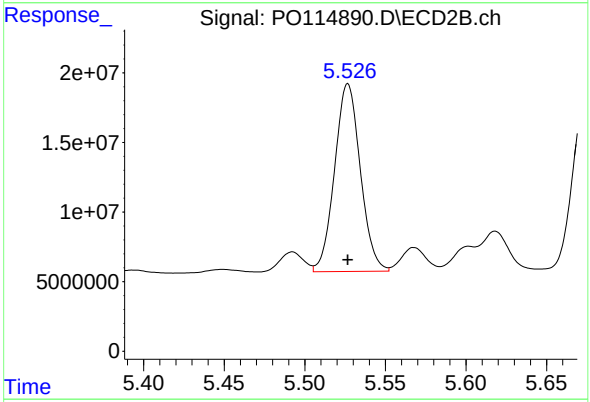
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 230240554
Conc: 50.00 ng/ml



#26 AR-1254-1

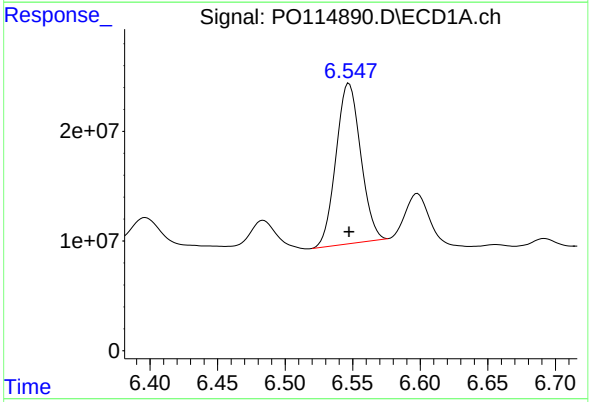
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 129382739
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



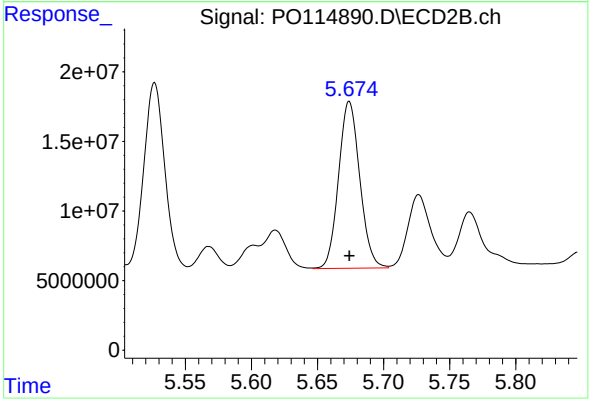
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 150121693
Conc: 500.00 ng/ml



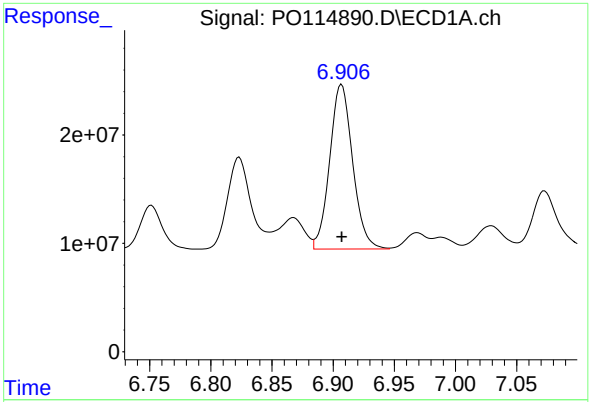
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 185794826
Conc: 500.00 ng/ml



#27 AR-1254-2

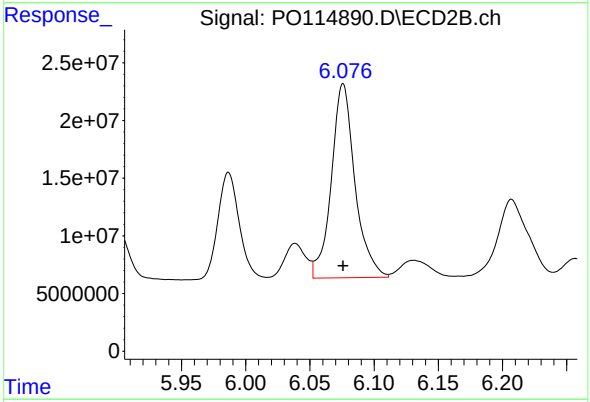
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 133992049
Conc: 500.00 ng/ml



#28 AR-1254-3

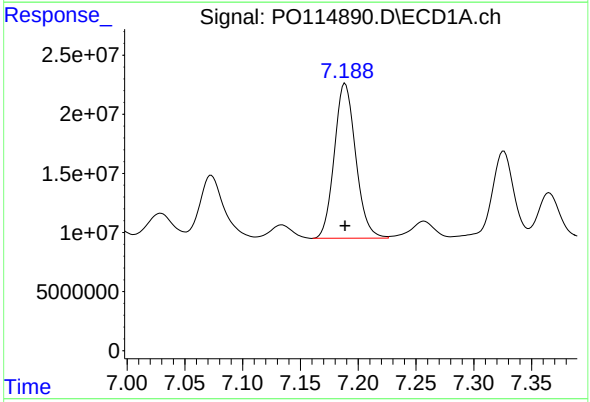
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 198504969
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



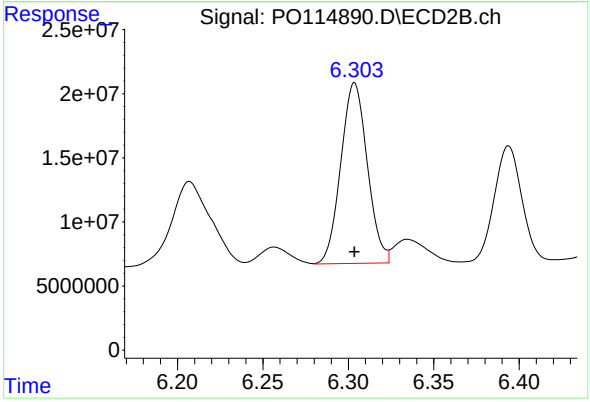
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 215272846
Conc: 500.00 ng/ml



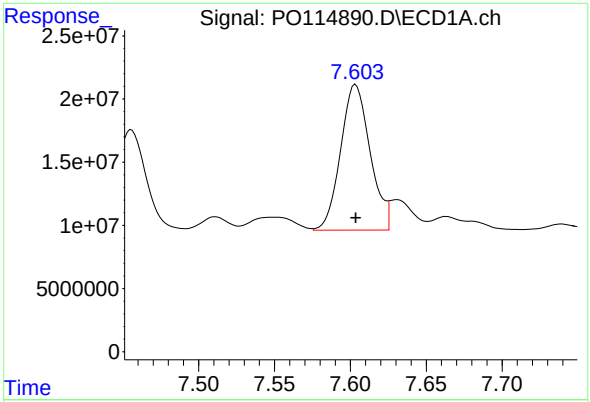
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 168420499
Conc: 500.00 ng/ml



#29 AR-1254-4

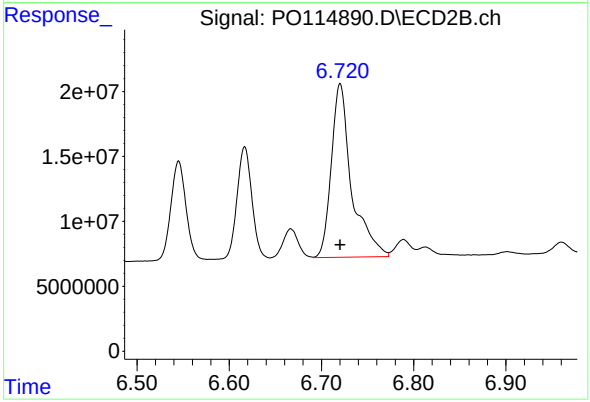
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 152513902
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 156077538
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 204749059
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:04
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.349	3.649	187.0E6	121.9E6	23.973	24.169
2)	SA Decachlor...	9.932	8.642	120.8E6	113.3E6	23.861	24.611
	Target Compounds						
26)	L6 AR-1254-1	6.331	5.527	64268788	74980905	248.367	249.734
27)	L6 AR-1254-2	6.548	5.674	92224254	67079510	248.188	250.312
28)	L6 AR-1254-3	6.907	6.076	96073294	106.6E6	241.992	247.668
29)	L6 AR-1254-4	7.189	6.304	81726238	75488880	242.626	247.482
30)	L6 AR-1254-5	7.604	6.720	75118696	99522496	240.645	243.035

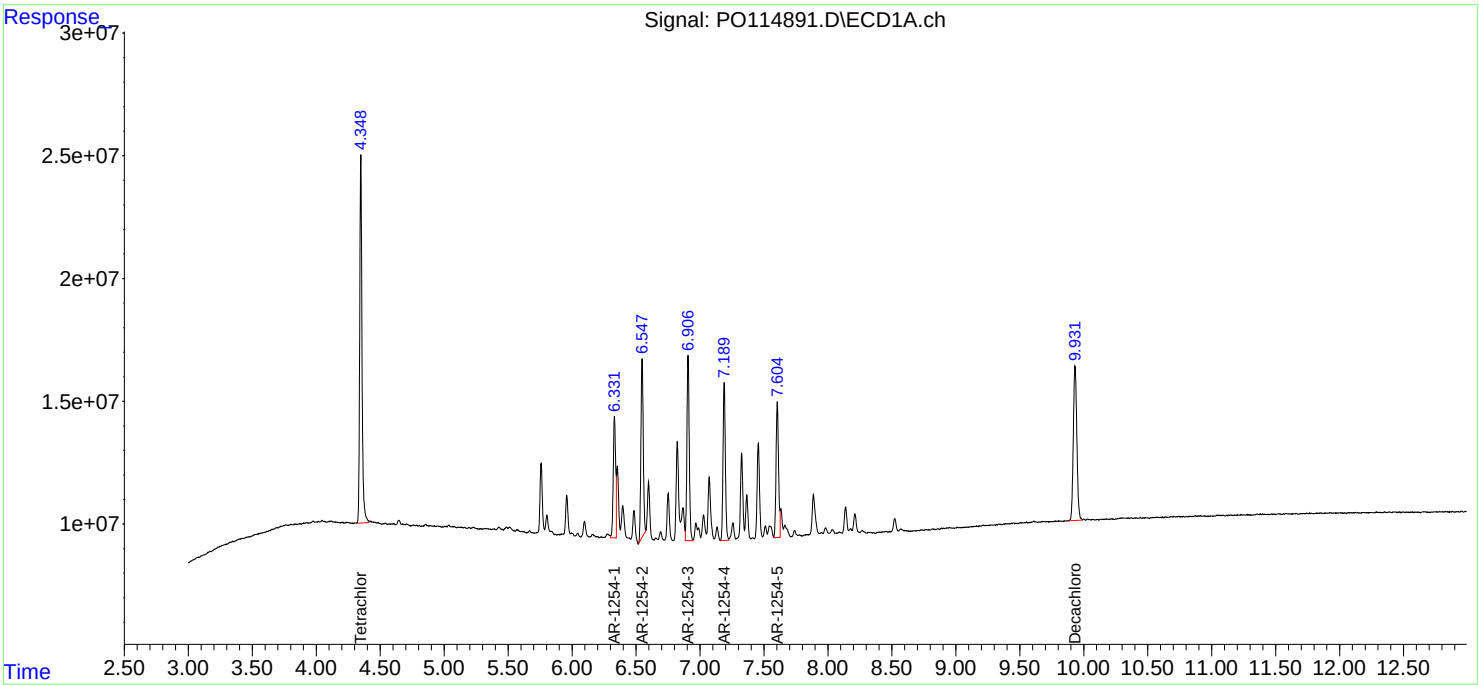
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

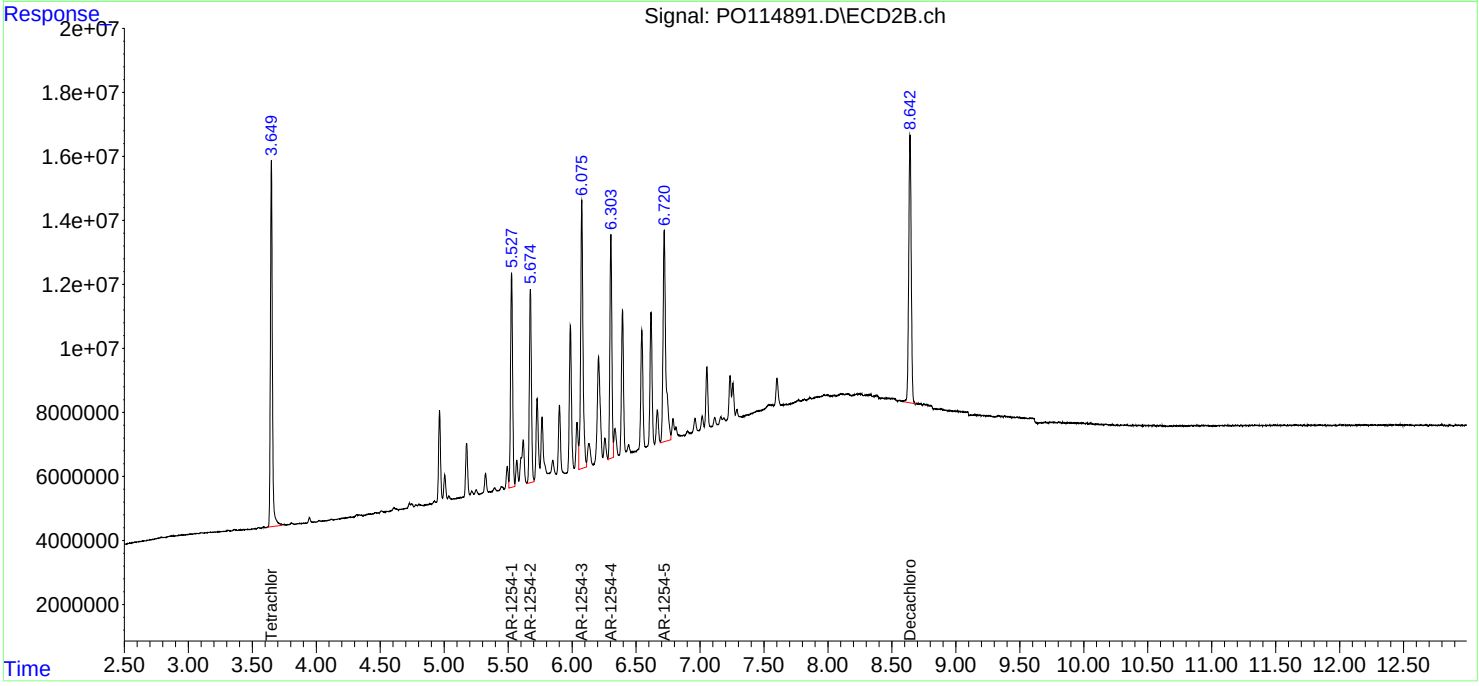
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:04
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

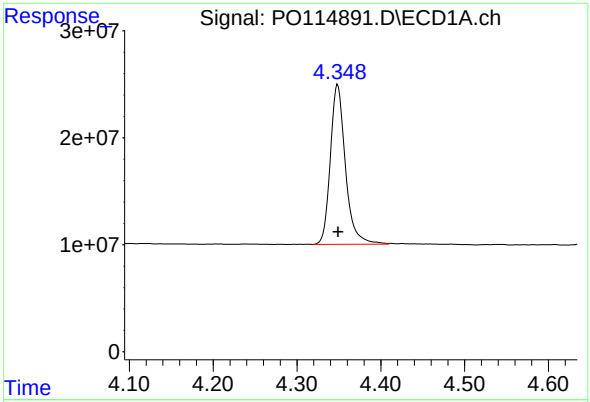
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:36:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



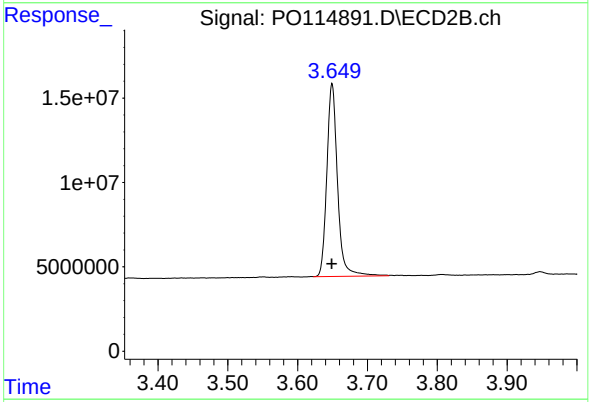




#1 Tetrachloro-m-xylene

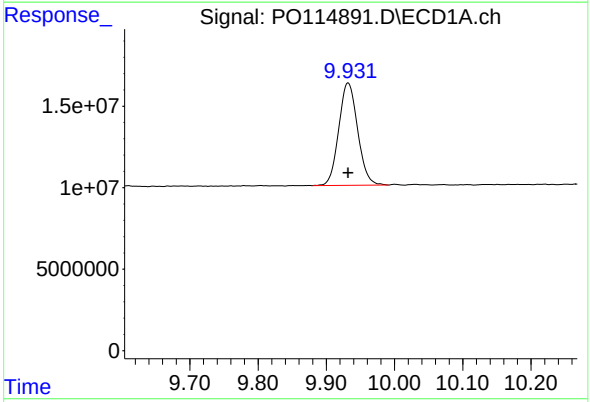
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 187043851
Conc: 23.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



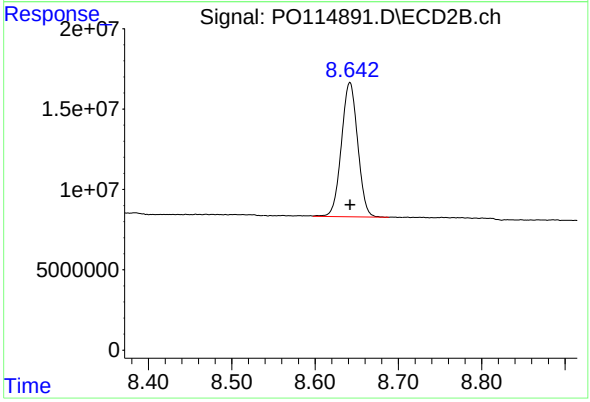
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 121910700
Conc: 24.17 ng/ml



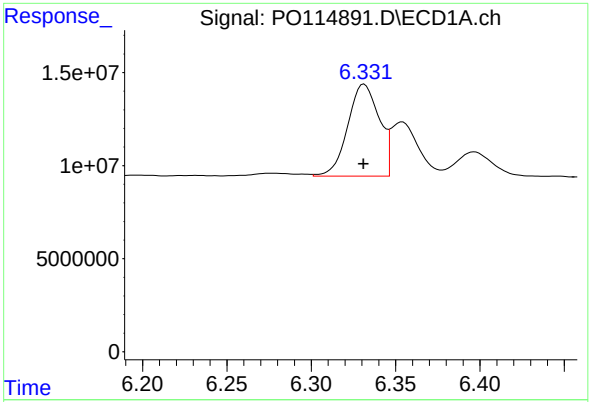
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 120781115
Conc: 23.86 ng/ml



#2 Decachlorobiphenyl

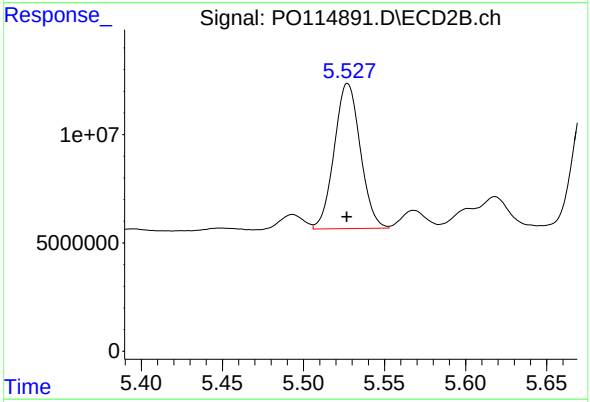
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 113327598
Conc: 24.61 ng/ml



#26 AR-1254-1

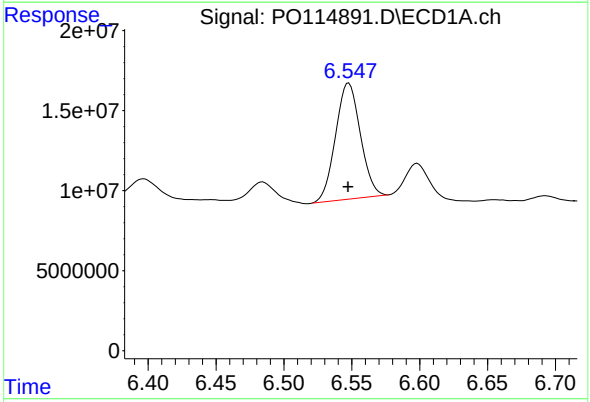
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 64268788
Conc: 248.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



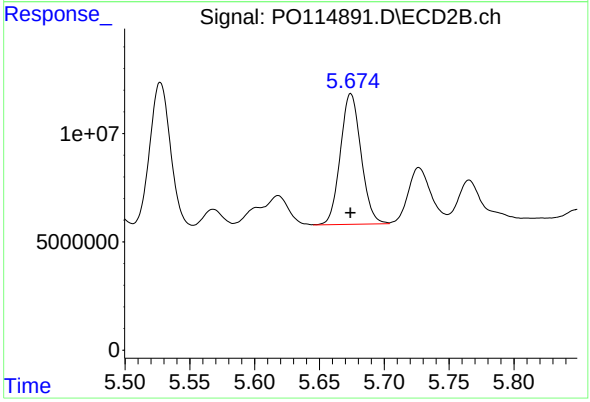
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 74980905
Conc: 249.73 ng/ml



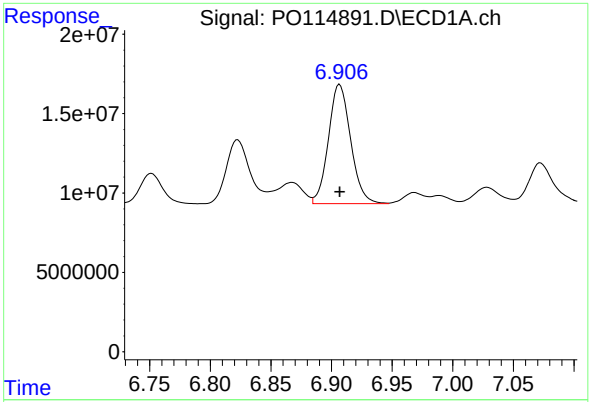
#27 AR-1254-2

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 92224254
Conc: 248.19 ng/ml



#27 AR-1254-2

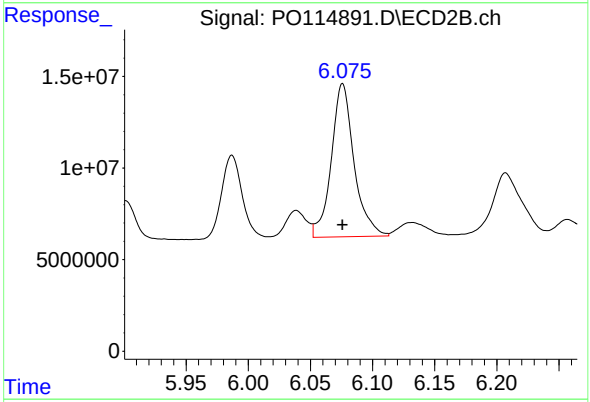
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 67079510
Conc: 250.31 ng/ml



#28 AR-1254-3

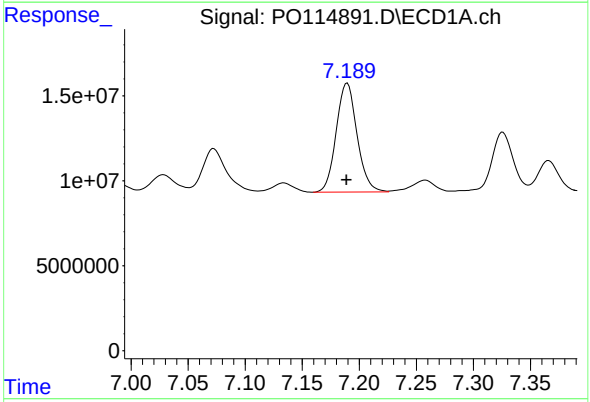
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 96073294
Conc: 241.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



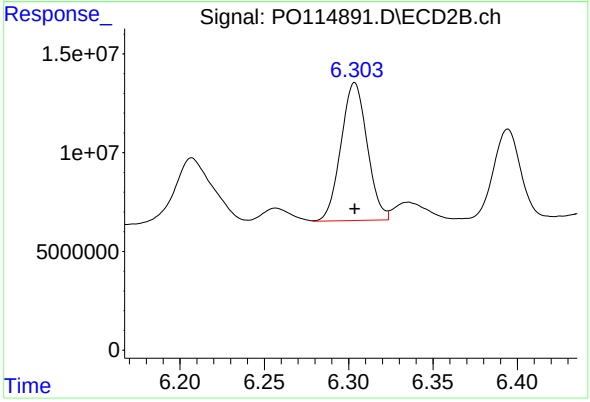
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 106632577
Conc: 247.67 ng/ml



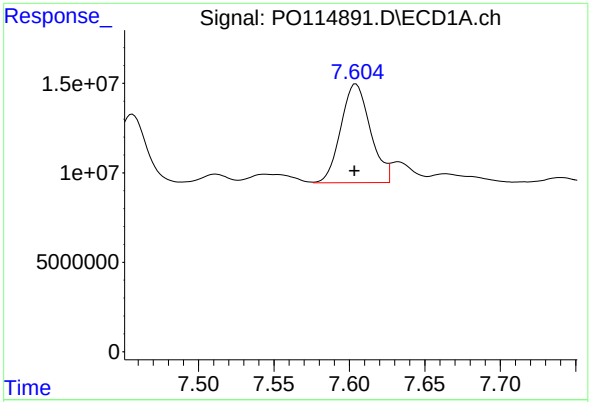
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 81726238
Conc: 242.63 ng/ml



#29 AR-1254-4

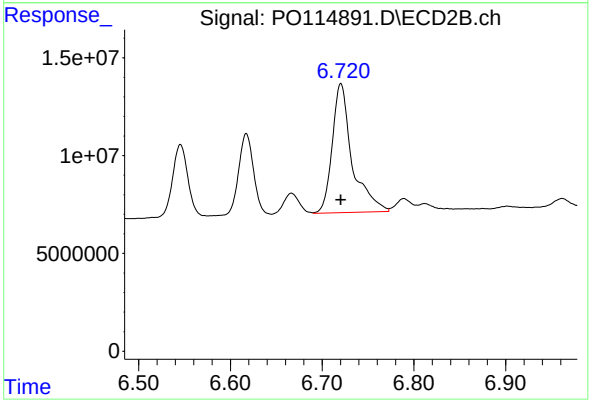
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 75488880
Conc: 247.48 ng/ml



#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 75118696
Conc: 240.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 99522496
Conc: 243.04 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:23
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:37:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.648	37040207	24215180	4.747	4.801
2)	SA Decachlor...	9.931	8.642	23309156	21360673	4.605m	4.639
	Target Compounds						
26)	L6 AR-1254-1	6.330	5.526	13164962	17052798	50.876m	56.797
27)	L6 AR-1254-2	6.547	5.674	20609241	15656147	55.462m	58.422
28)	L6 AR-1254-3	6.907	6.076	19483947	22264737	49.077	51.713
29)	L6 AR-1254-4	7.188	6.303	17143593	15015311	50.895m	49.226
30)	L6 AR-1254-5	7.604	6.720	15028663	20100339	48.145	49.085

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

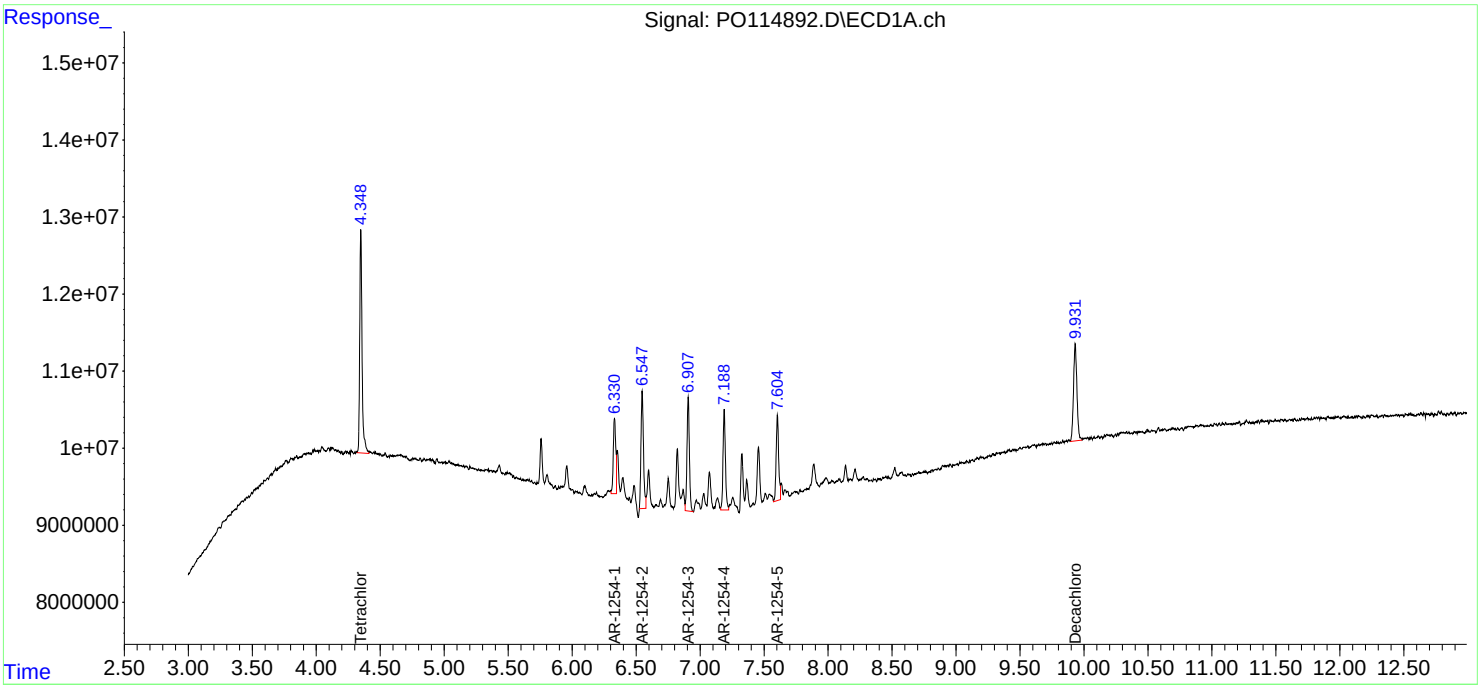
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:23
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

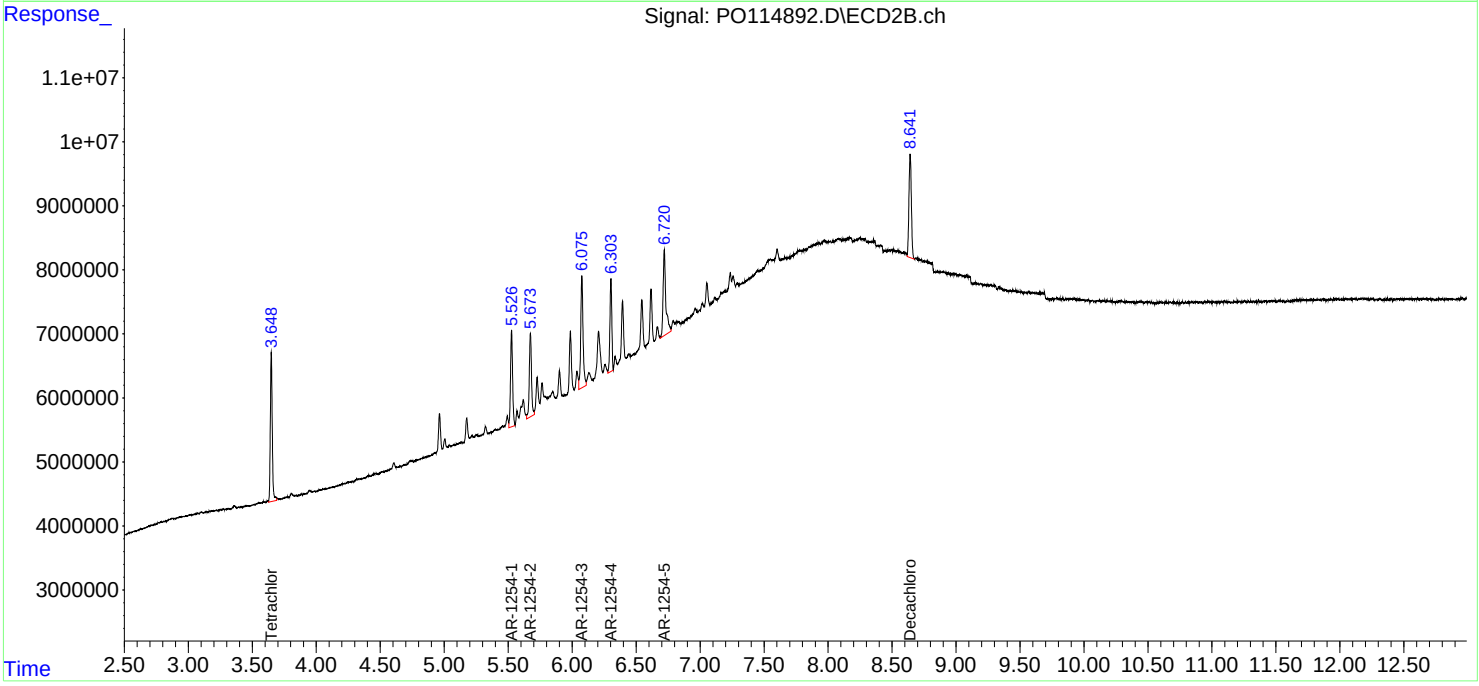
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

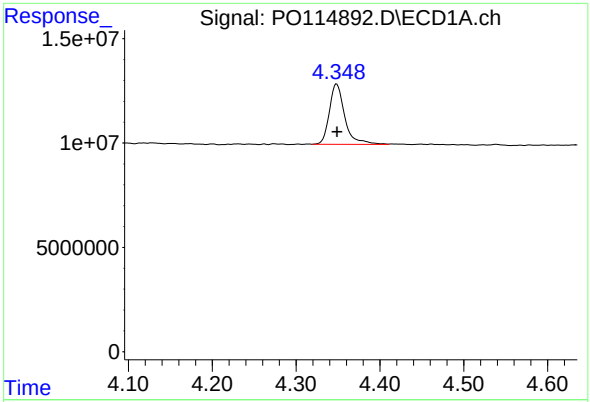
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:37:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:33:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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







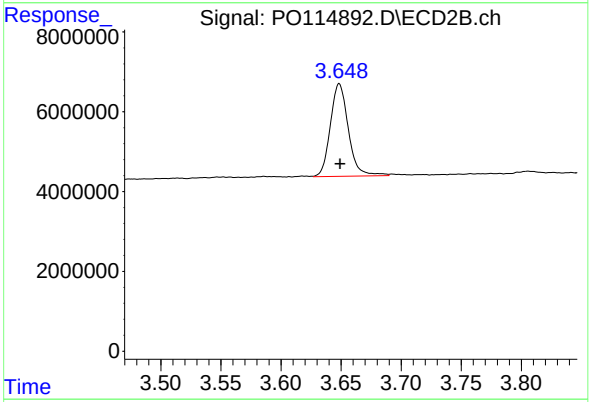
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 37040207
Conc: 4.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

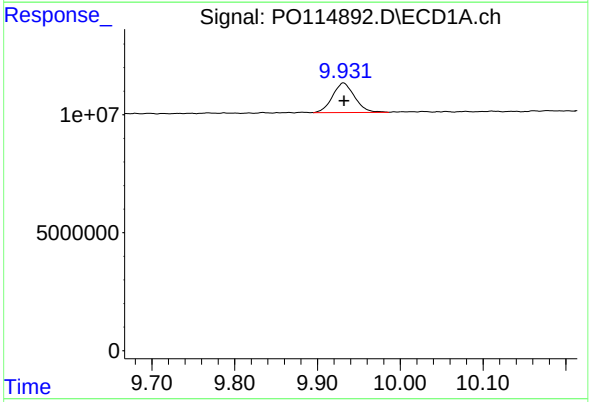
Manual Integrations APPROVED

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



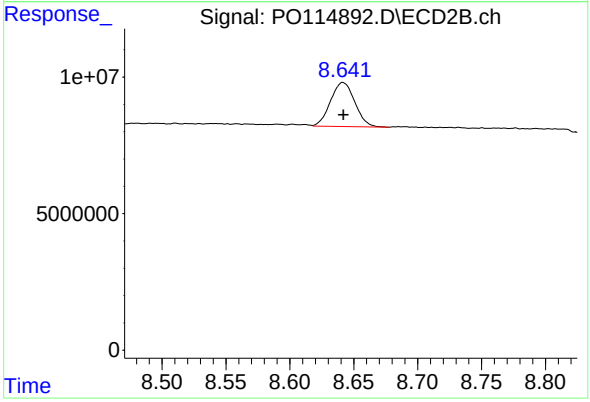
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 24215180
Conc: 4.80 ng/ml



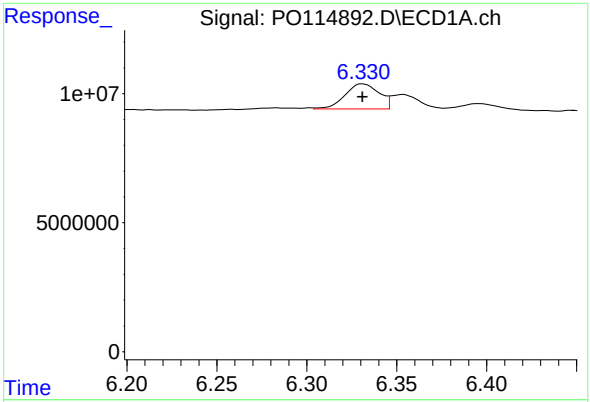
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 23309156
Conc: 4.60 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 21360673
Conc: 4.64 ng/ml



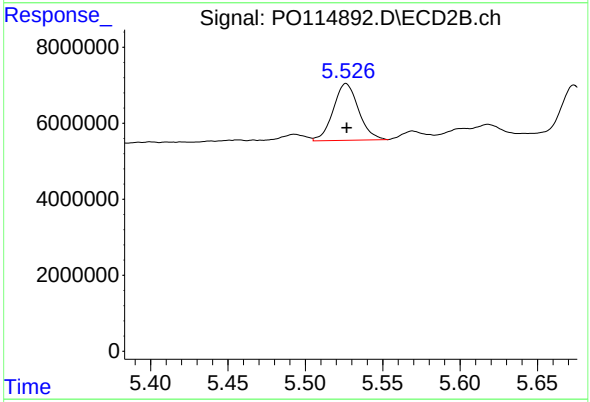
#26 AR-1254-1

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 13164962
Conc: 50.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

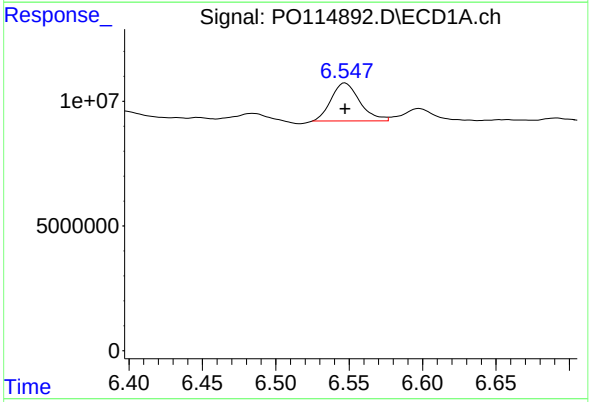
Manual Integrations APPROVED

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



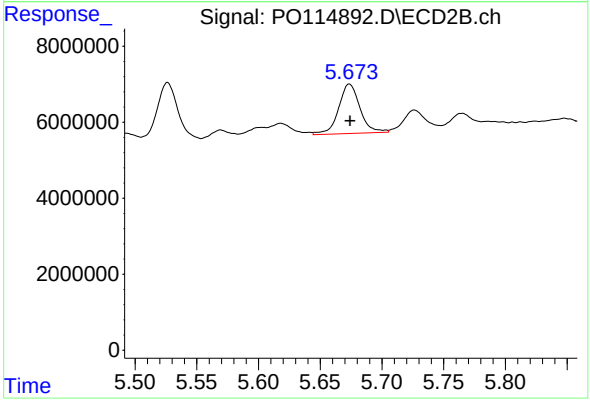
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 17052798
Conc: 56.80 ng/ml



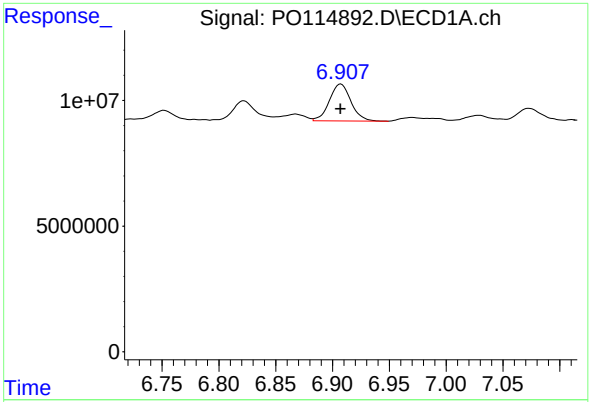
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 20609241
Conc: 55.46 ng/ml m



#27 AR-1254-2

R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 15656147
Conc: 58.42 ng/ml



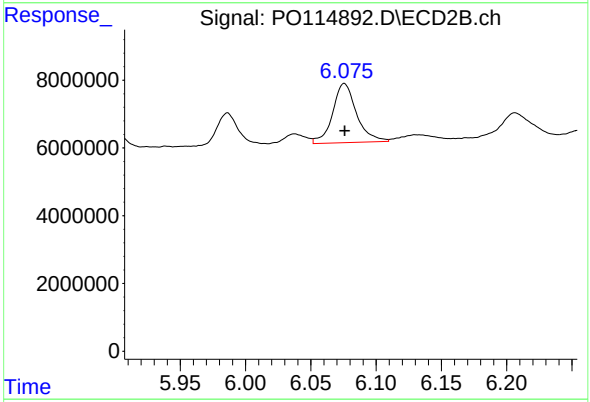
#28 AR-1254-3

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 19483947
Conc: 49.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

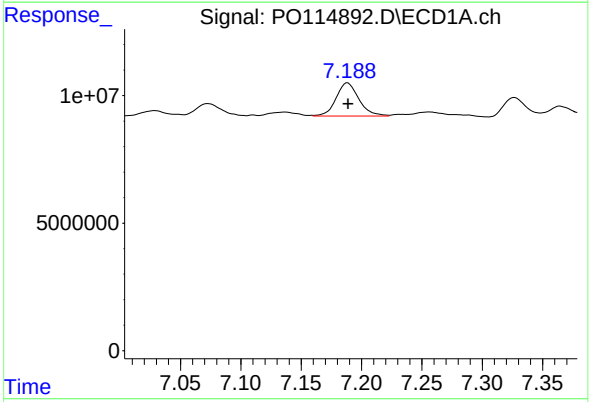
Manual Integrations APPROVED

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



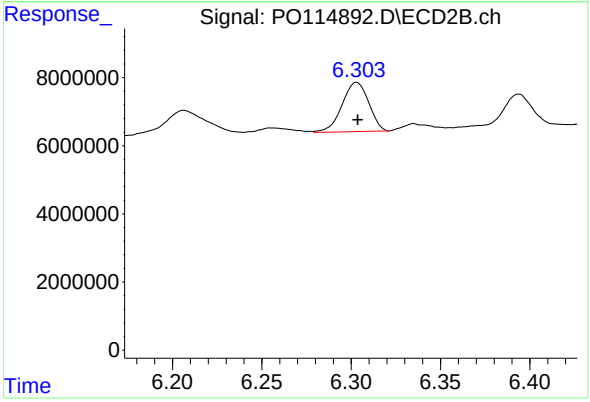
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 22264737
Conc: 51.71 ng/ml



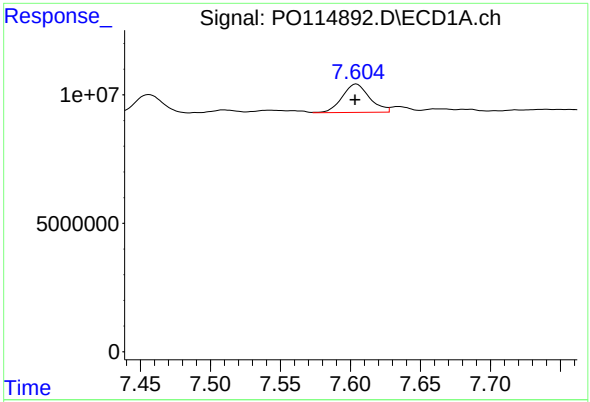
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 17143593
Conc: 50.90 ng/ml m



#29 AR-1254-4

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 15015311
Conc: 49.23 ng/ml



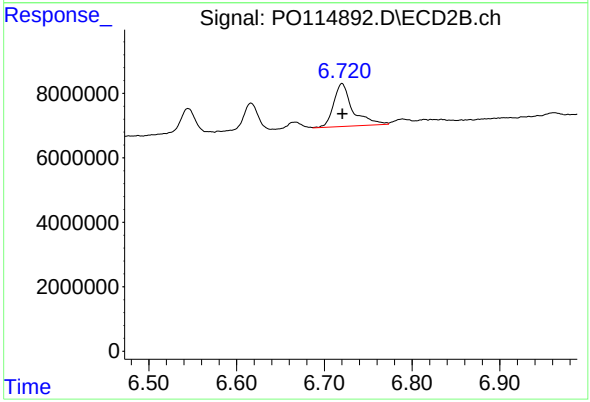
#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 15028663
Conc: 48.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

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



#30 AR-1254-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 20100339
Conc: 49.09 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:00
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:08:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:07:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.368	3.649	362.5E6	234.2E6	50.000	50.000
2)	SA Decachlor...	9.952	8.641	223.0E6	207.7E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	7.703	6.759	226.7E6	247.1E6	500.000	500.000
37)	L8 AR-1262-2	8.231	7.258	353.6E6	397.5E6	500.000	500.000
38)	L8 AR-1262-3	8.534	7.542	225.7E6	164.5E6	500.000	500.000
39)	L8 AR-1262-4	8.616	7.605	168.1E6	269.1E6	500.000	500.000
40)	L8 AR-1262-5	9.236	8.097	120.9E6	119.0E6	500.000	500.000

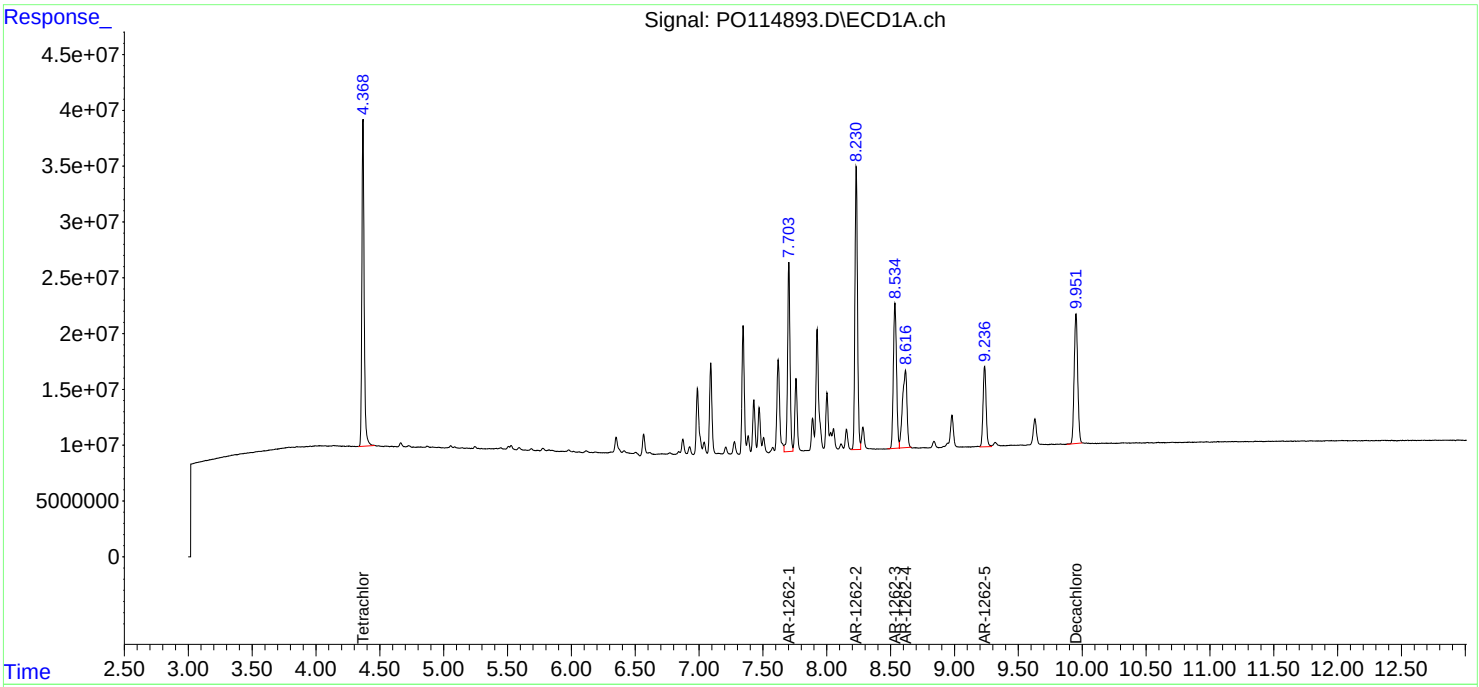
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

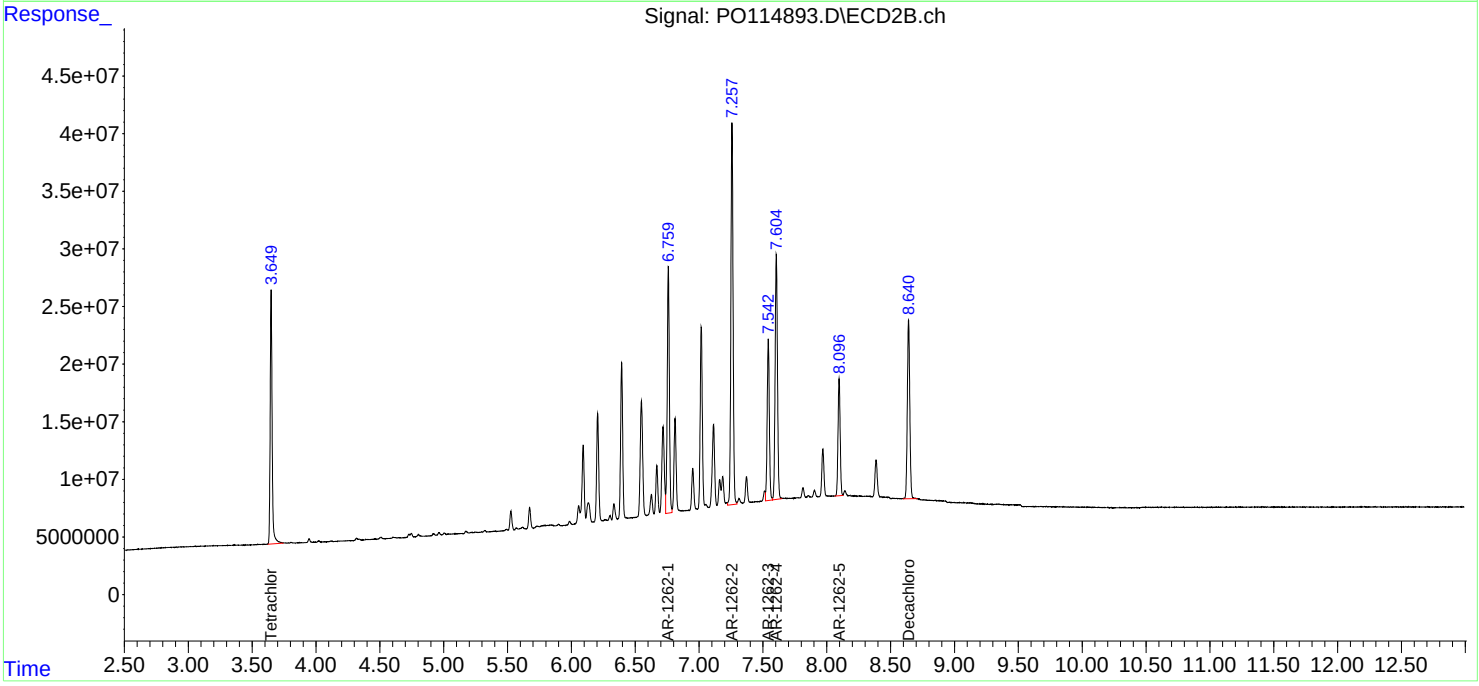
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:00
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

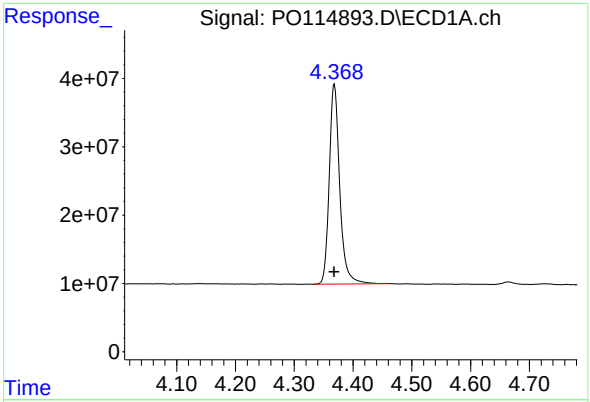
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:08:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:07:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



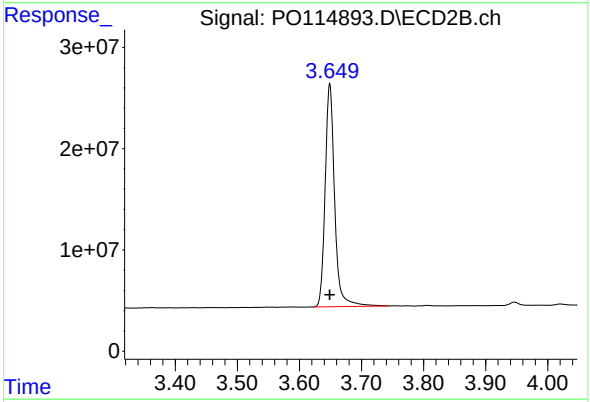




#1 Tetrachloro-m-xylene

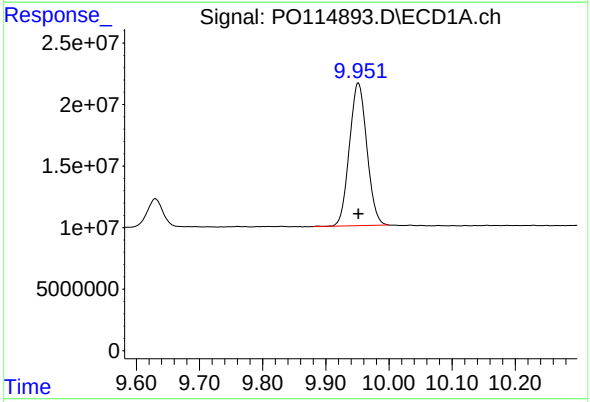
R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 362532635
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



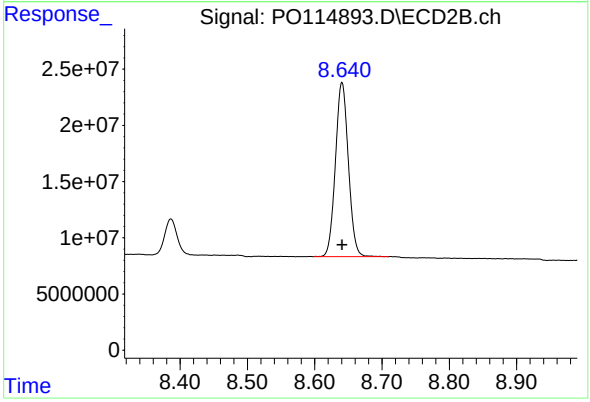
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 234196834
Conc: 50.00 ng/ml



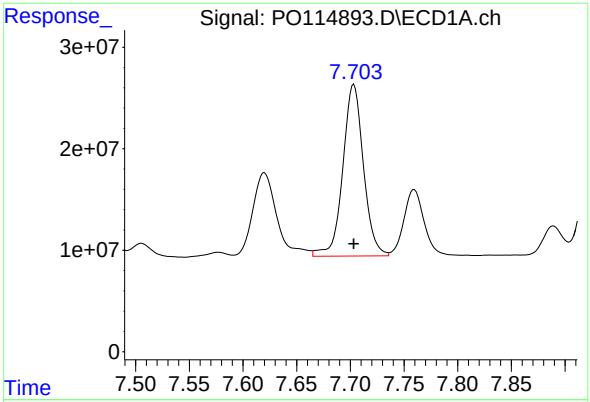
#2 Decachlorobiphenyl

R.T.: 9.952 min
Delta R.T.: 0.000 min
Response: 223014232
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

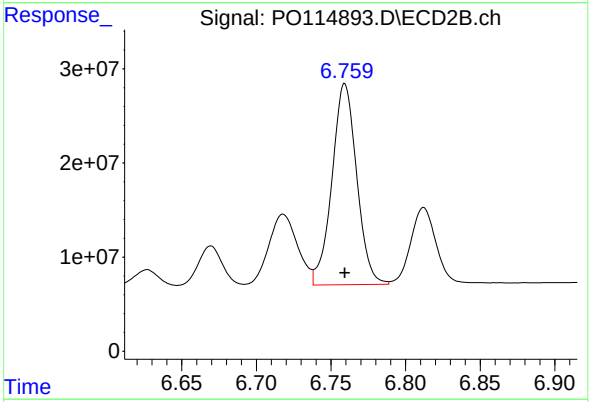
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 207728781
Conc: 50.00 ng/ml



#36 AR-1262-1

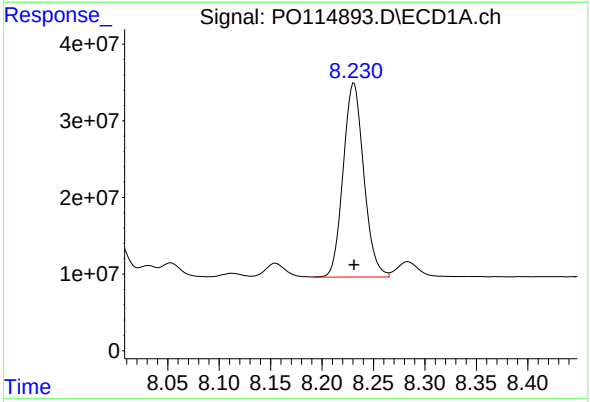
R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 226701954
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



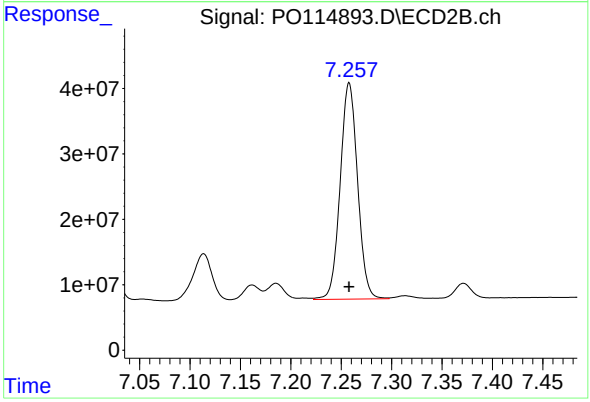
#36 AR-1262-1

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 247102766
Conc: 500.00 ng/ml



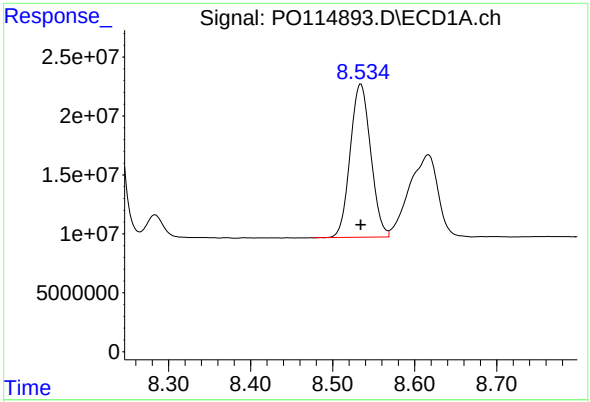
#37 AR-1262-2

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 353598771
Conc: 500.00 ng/ml



#37 AR-1262-2

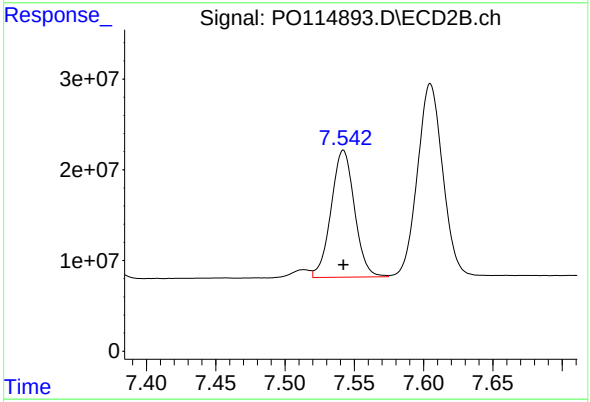
R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 397545452
Conc: 500.00 ng/ml



#38 AR-1262-3

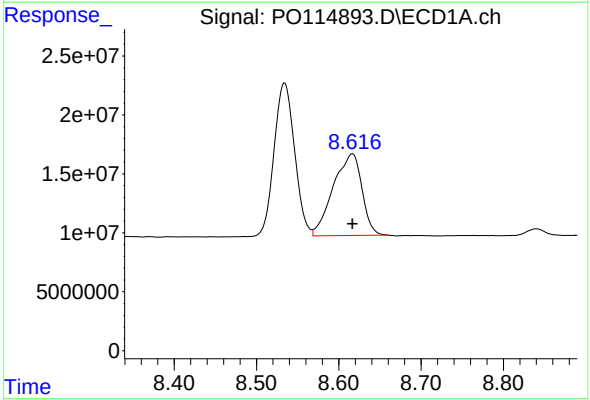
R.T.: 8.534 min
Delta R.T.: 0.000 min
Response: 225709647
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



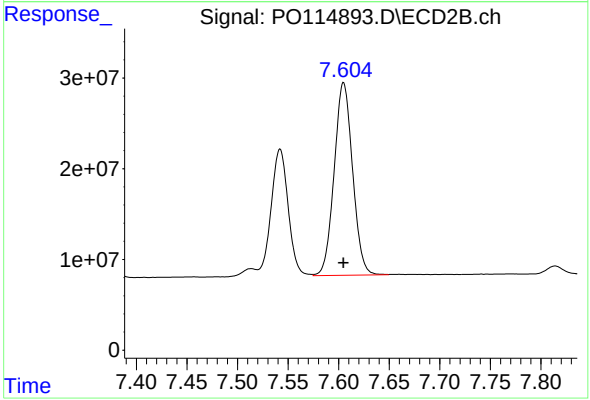
#38 AR-1262-3

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 164513625
Conc: 500.00 ng/ml



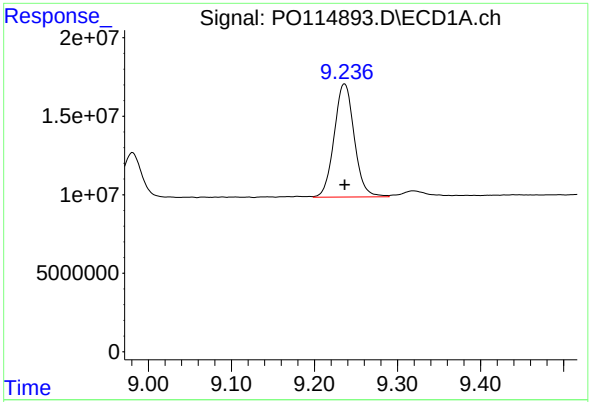
#39 AR-1262-4

R.T.: 8.616 min
Delta R.T.: 0.000 min
Response: 168092665
Conc: 500.00 ng/ml



#39 AR-1262-4

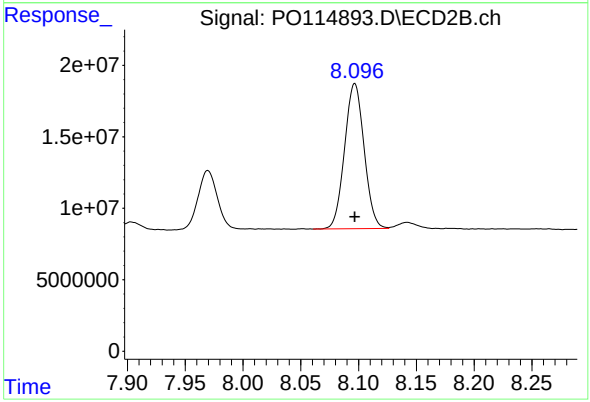
R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 269095514
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.236 min
Delta R.T.: 0.000 min
Response: 120908275
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 119009506
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:18
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.349	3.649	747.6E6	479.2E6	97.655	97.469
2)	SA Decachlor...	9.931	8.642	828.8E6	735.0E6	97.454	95.377
	Target Compounds						
41)	L9 AR-1268-1	8.511	7.542	876.3E6	948.8E6	981.231	966.485
42)	L9 AR-1268-2	8.599	7.606	748.3E6	784.3E6	977.544	966.821
43)	L9 AR-1268-3	8.820	7.814	663.3E6	672.6E6	975.632	966.815
44)	L9 AR-1268-4	9.216	8.097	274.2E6	270.9E6	971.116	967.067
45)	L9 AR-1268-5	9.609	8.387	1966.6E6	1768.5E6	990.357	972.552

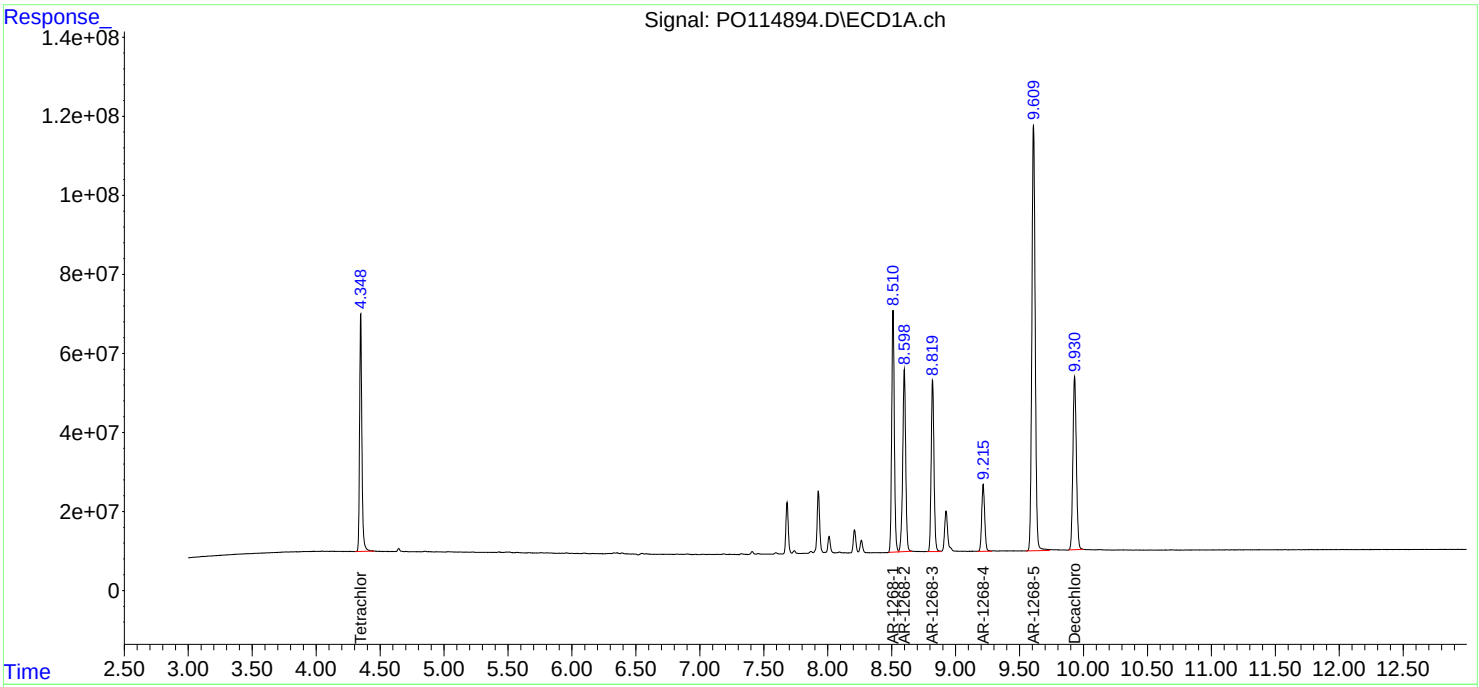
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

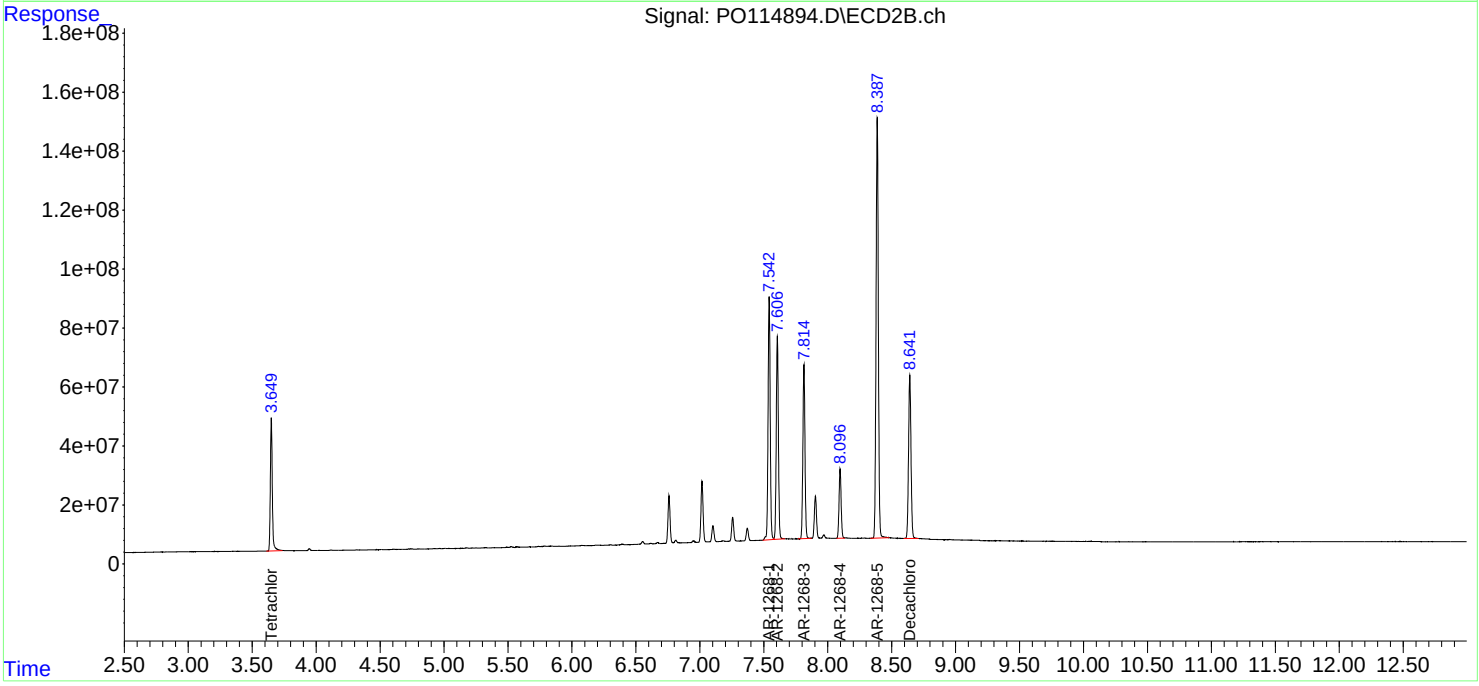
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:18
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

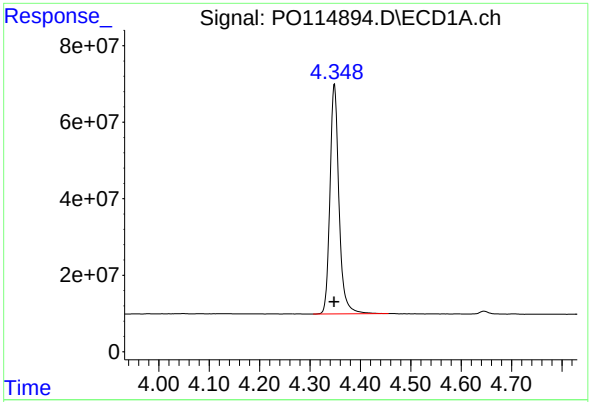
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



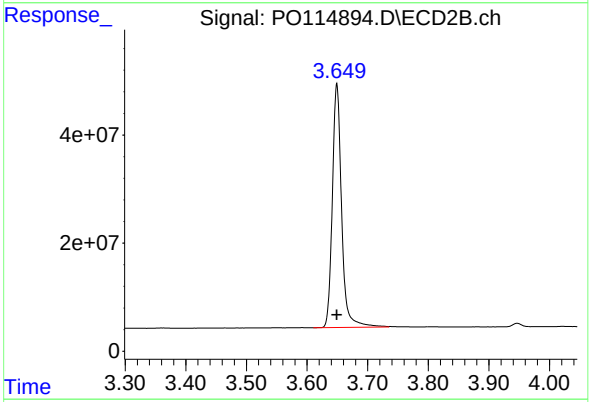




#1 Tetrachloro-m-xylene

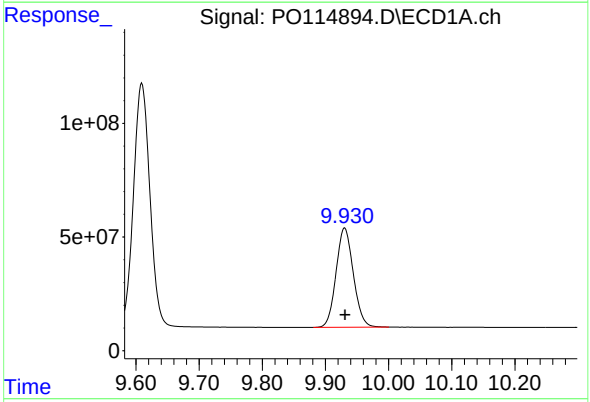
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 747579288
Conc: 97.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



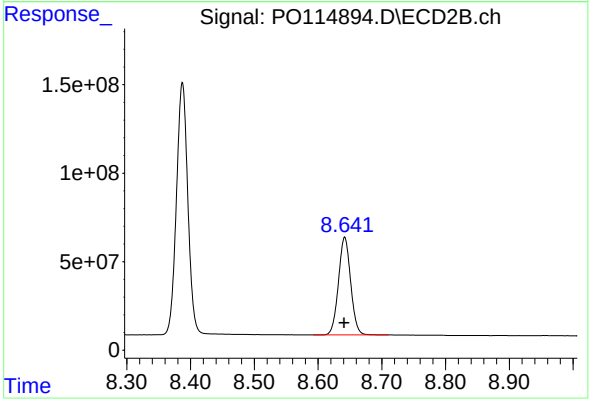
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 479152157
Conc: 97.47 ng/ml



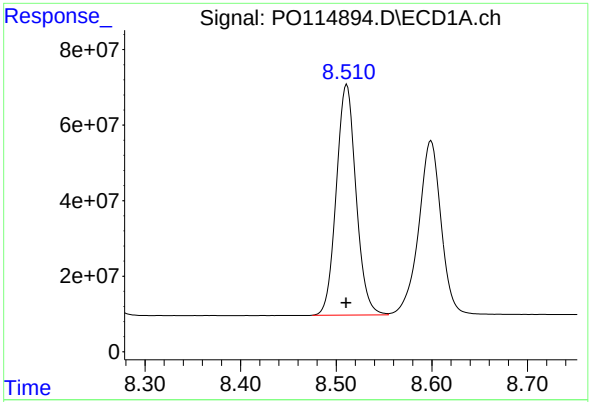
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 828838535
Conc: 97.45 ng/ml



#2 Decachlorobiphenyl

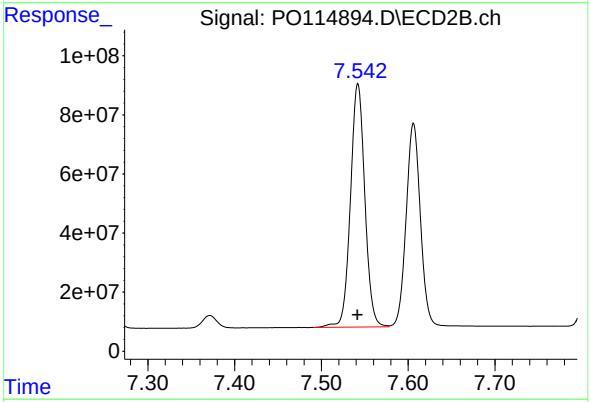
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 734998039
Conc: 95.38 ng/ml



#41 AR-1268-1

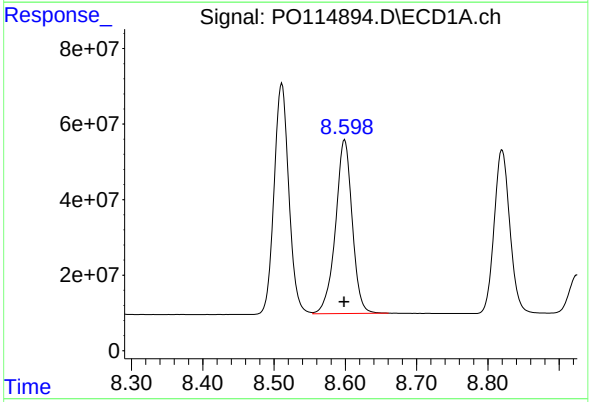
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 876279188
Conc: 981.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



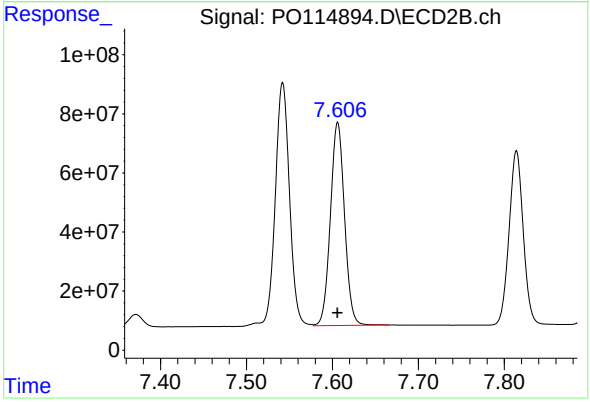
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 948830555
Conc: 966.49 ng/ml



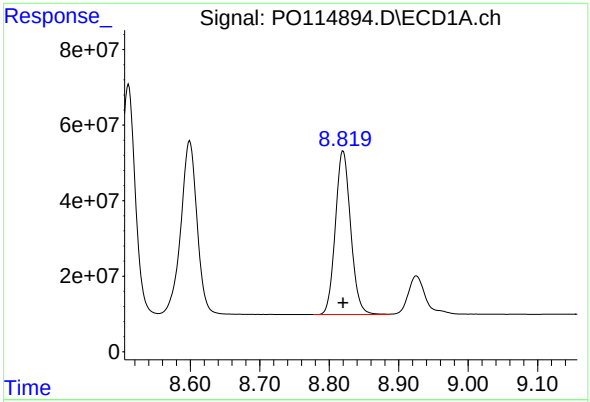
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.001 min
Response: 748334854
Conc: 977.54 ng/ml



#42 AR-1268-2

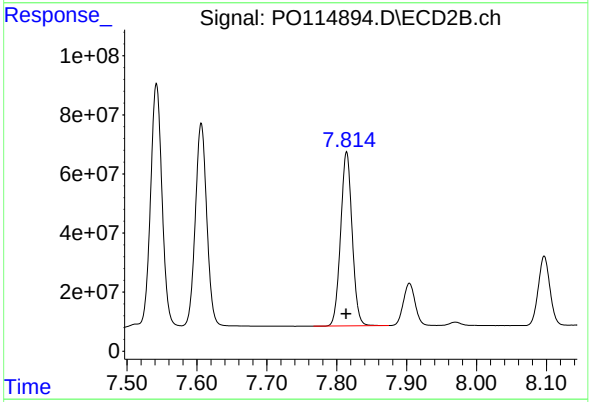
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 784312077
Conc: 966.82 ng/ml



#43 AR-1268-3

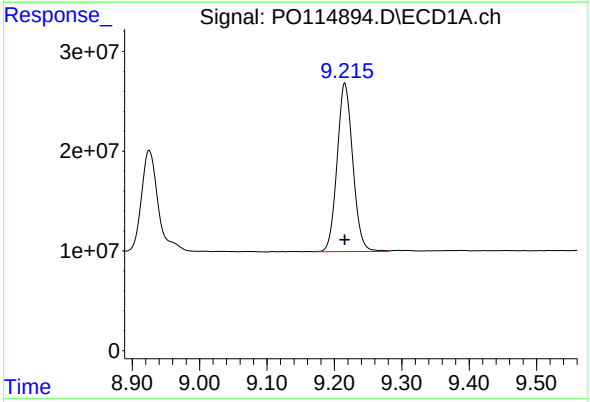
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 663299706
Conc: 975.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



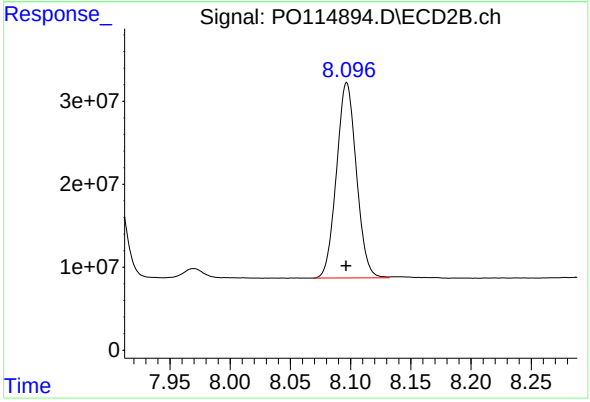
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 672635507
Conc: 966.81 ng/ml



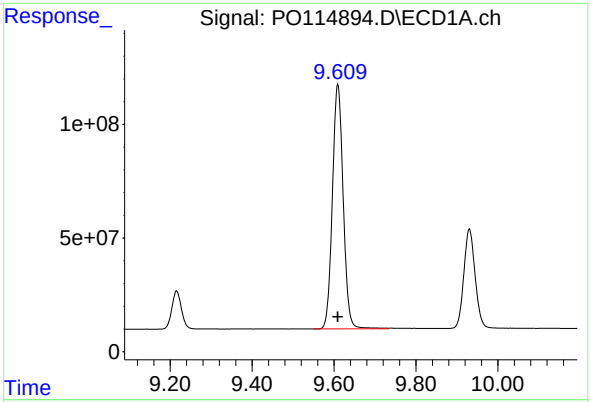
#44 AR-1268-4

R.T.: 9.216 min
Delta R.T.: 0.000 min
Response: 274155738
Conc: 971.12 ng/ml



#44 AR-1268-4

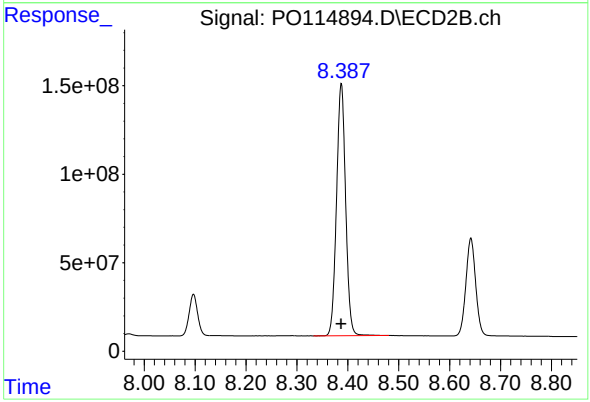
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 270862616
Conc: 967.07 ng/ml



#45 AR-1268-5

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 1966581606
Conc: 990.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 1768544208
Conc: 972.55 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:36
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	572.8E6	367.7E6	74.818	74.796
2)	SA Decachlor...	9.932	8.641	629.7E6	557.8E6	74.043	72.388
	Target Compounds						
41)	L9 AR-1268-1	8.510	7.542	664.3E6	724.0E6	743.849	737.521
42)	L9 AR-1268-2	8.599	7.606	567.3E6	597.5E6	740.998	736.564
43)	L9 AR-1268-3	8.819	7.814	504.1E6	511.1E6	741.416	734.677
44)	L9 AR-1268-4	9.215	8.096	208.1E6	206.6E6	737.304	737.457
45)	L9 AR-1268-5	9.609	8.387	1484.6E6	1339.5E6	747.625	736.619

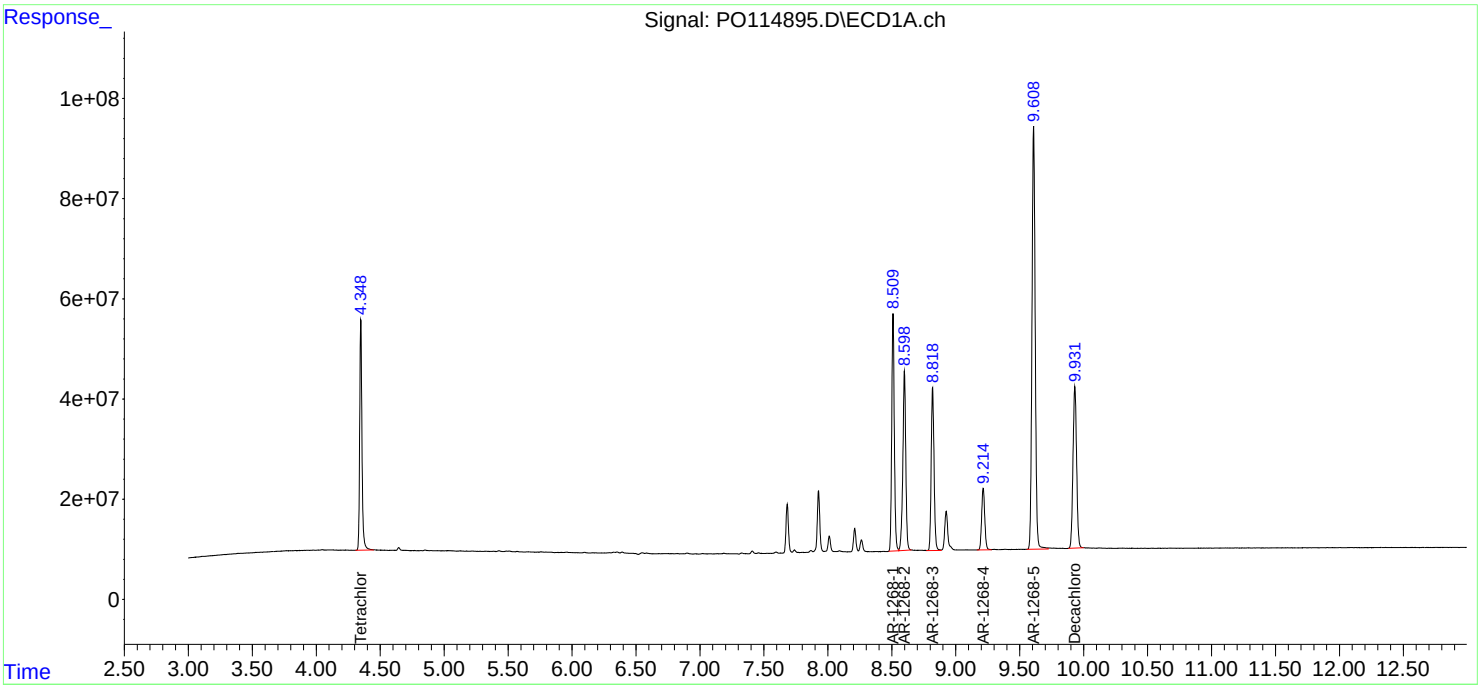
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

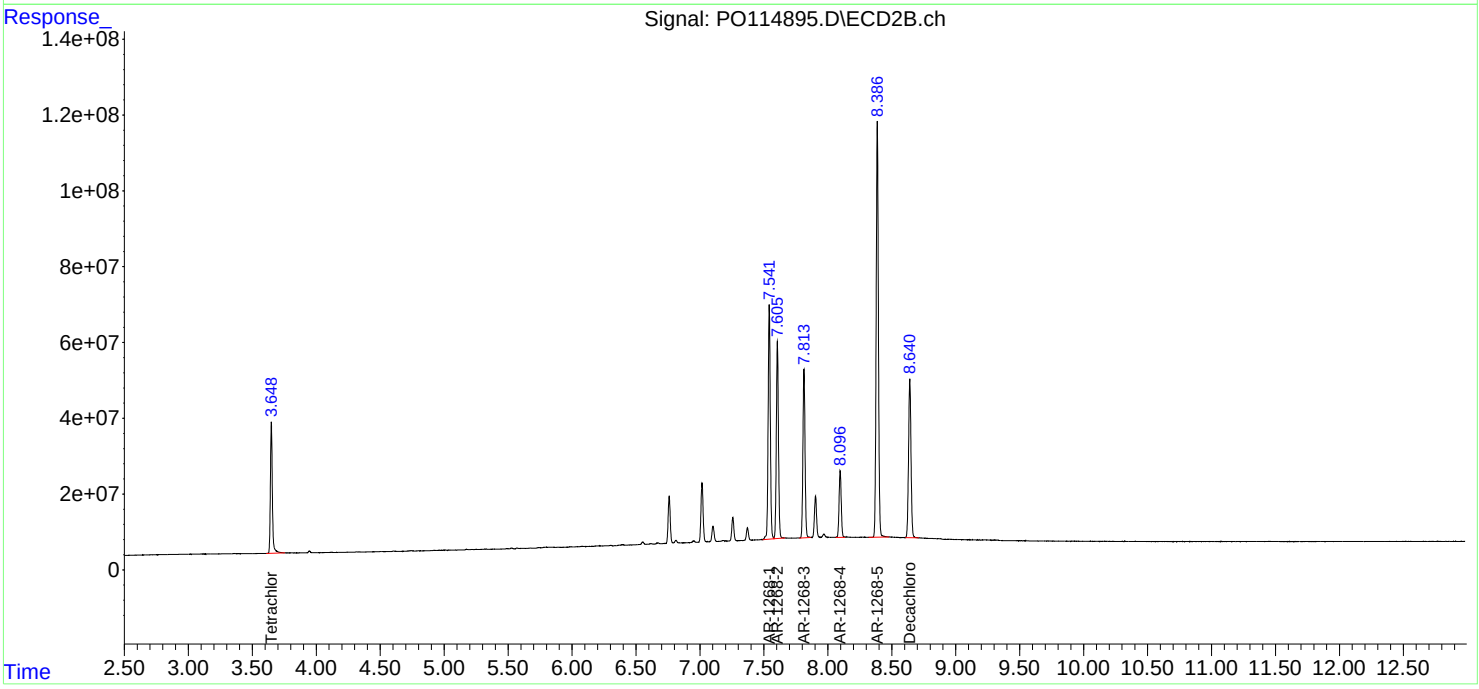
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:36
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

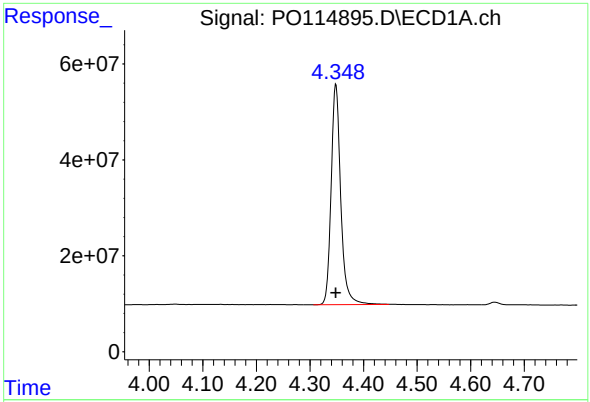
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



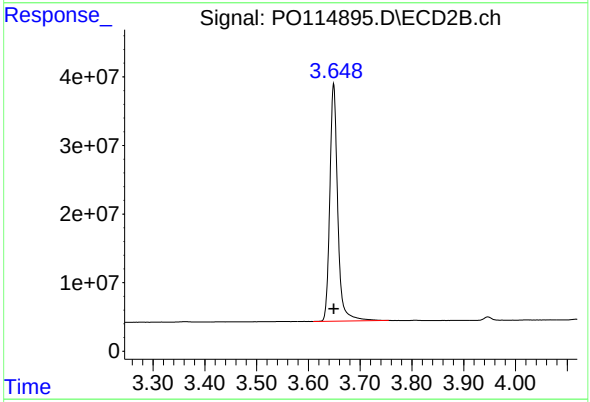




#1 Tetrachloro-m-xylene

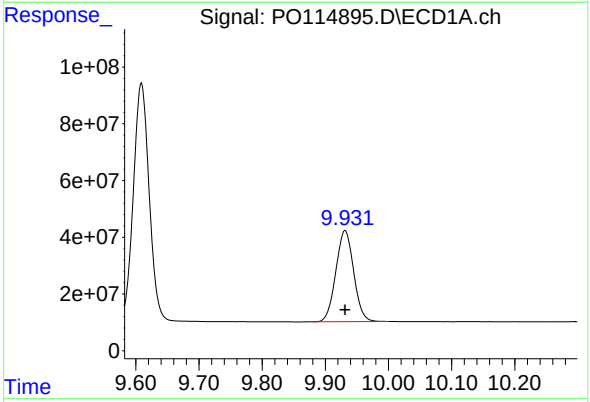
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 572751235
Conc: 74.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



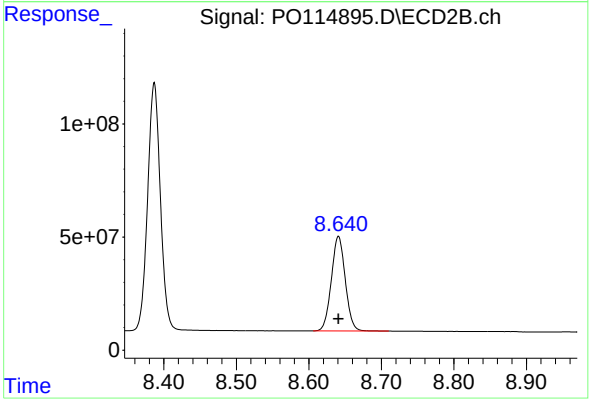
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 367691097
Conc: 74.80 ng/ml



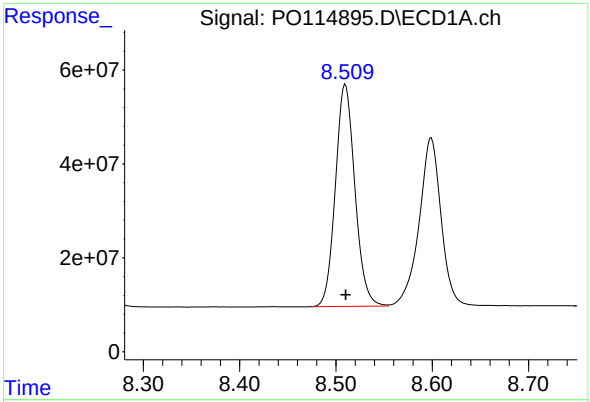
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 629732594
Conc: 74.04 ng/ml



#2 Decachlorobiphenyl

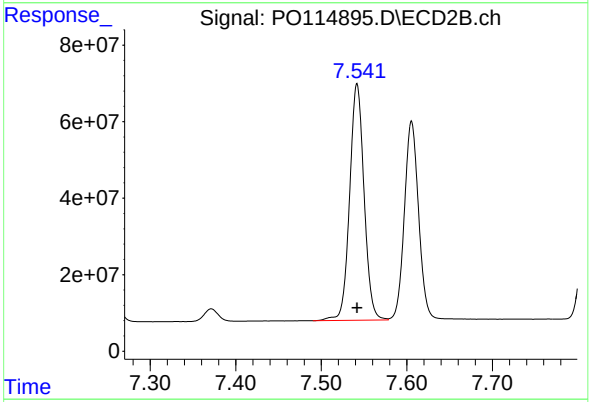
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 557836685
Conc: 72.39 ng/ml



#41 AR-1268-1

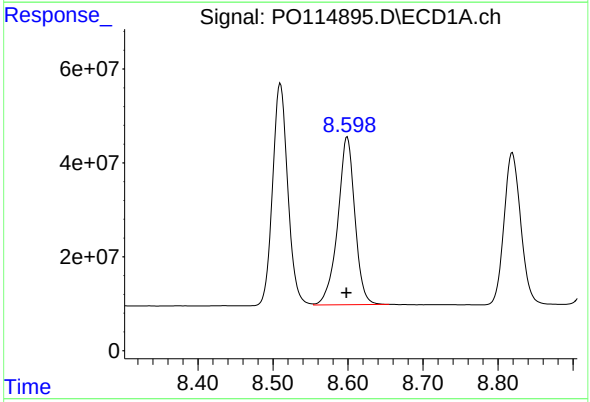
R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 664288053
Conc: 743.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



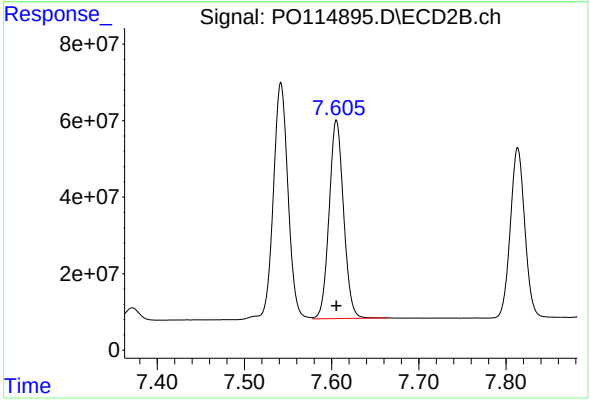
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 724048910
Conc: 737.52 ng/ml



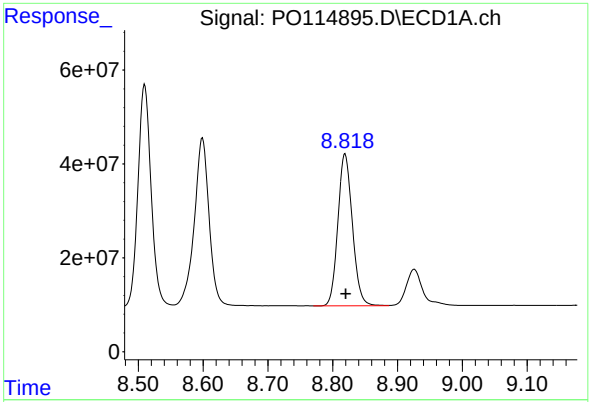
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 567253010
Conc: 741.00 ng/ml



#42 AR-1268-2

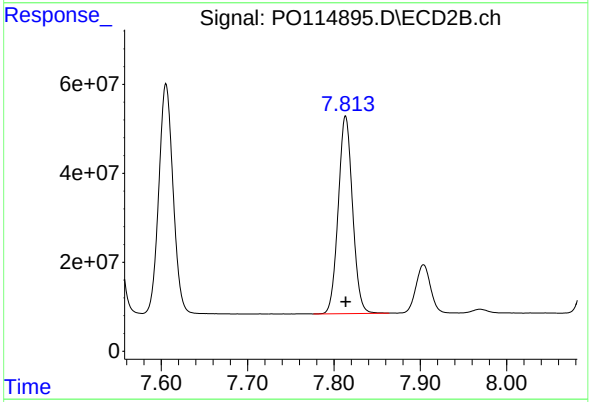
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 597520658
Conc: 736.56 ng/ml



#43 AR-1268-3

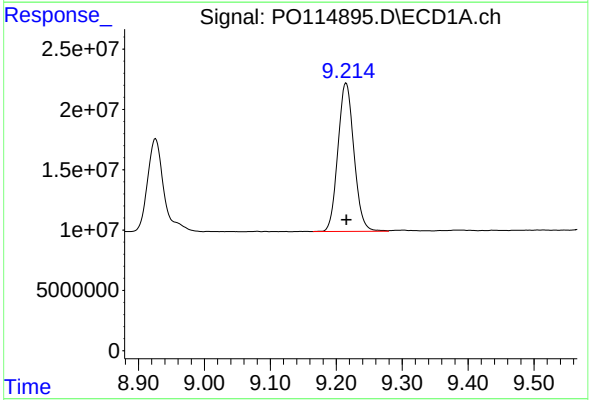
R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 504064370
Conc: 741.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



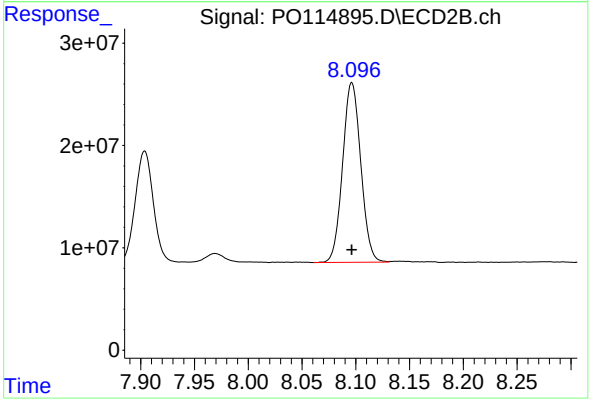
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 511131963
Conc: 734.68 ng/ml



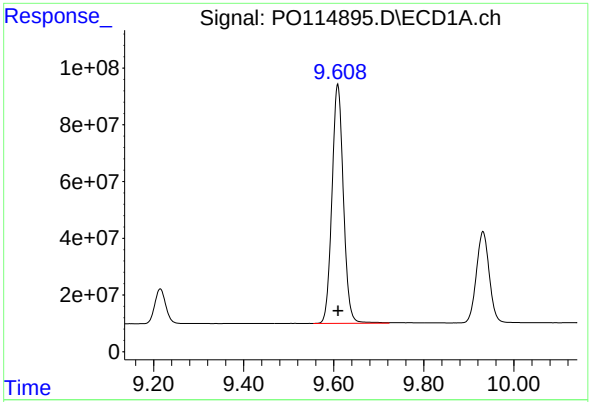
#44 AR-1268-4

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 208148395
Conc: 737.30 ng/ml



#44 AR-1268-4

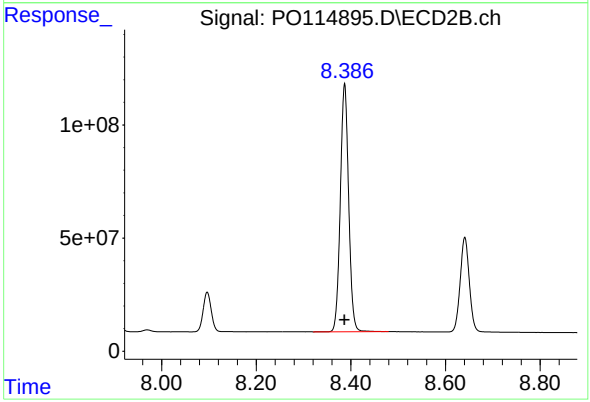
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 206551935
Conc: 737.46 ng/ml



#45 AR-1268-5

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 1484580048
Conc: 747.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 1339510954
Conc: 736.62 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:55
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	382.8E6	245.8E6	50.000	50.000
2)	SA Decachlor...	9.931	8.641	425.2E6	385.3E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.510	7.542	446.5E6	490.9E6	500.000	500.000
42)	L9 AR-1268-2	8.598	7.606	382.8E6	405.6E6	500.000	500.000
43)	L9 AR-1268-3	8.820	7.814	339.9E6	347.9E6	500.000	500.000
44)	L9 AR-1268-4	9.215	8.096	141.2E6	140.0E6	500.000	500.000
45)	L9 AR-1268-5	9.609	8.387	992.9E6	909.2E6	500.000	500.000

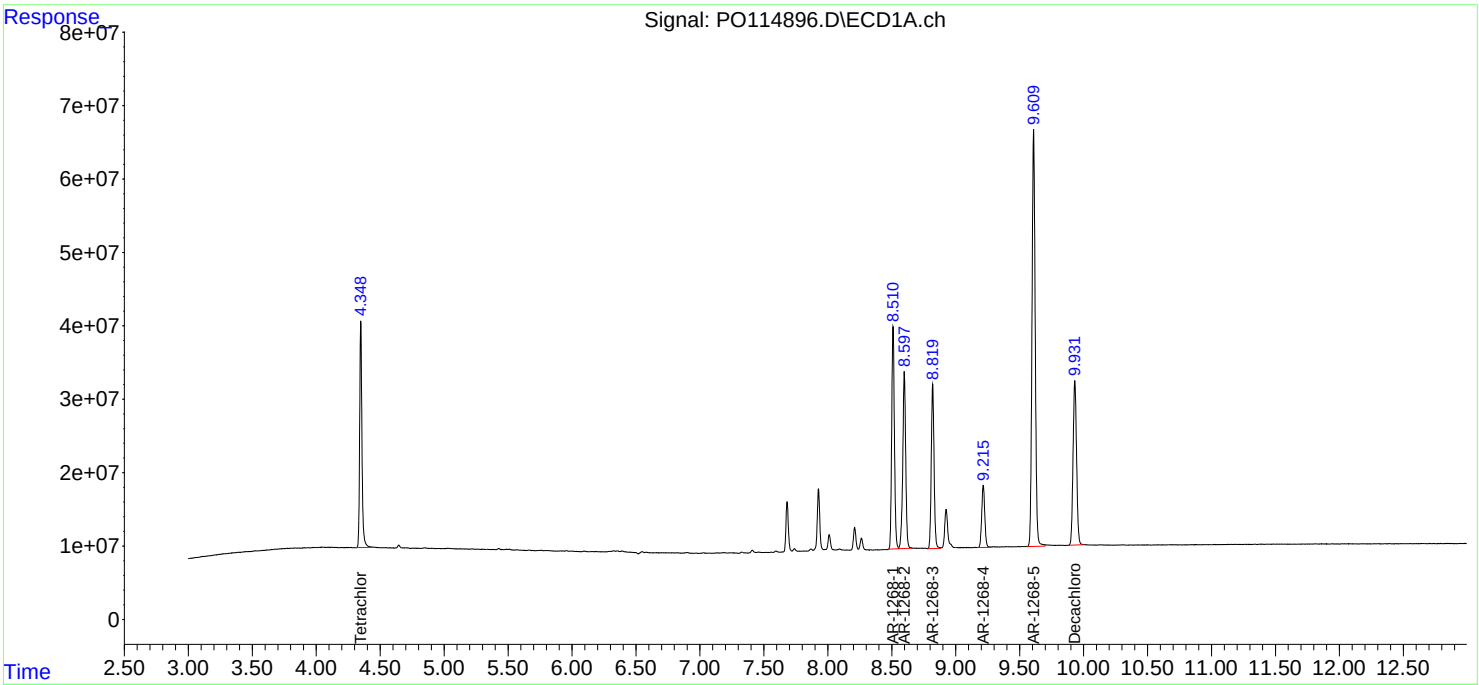
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

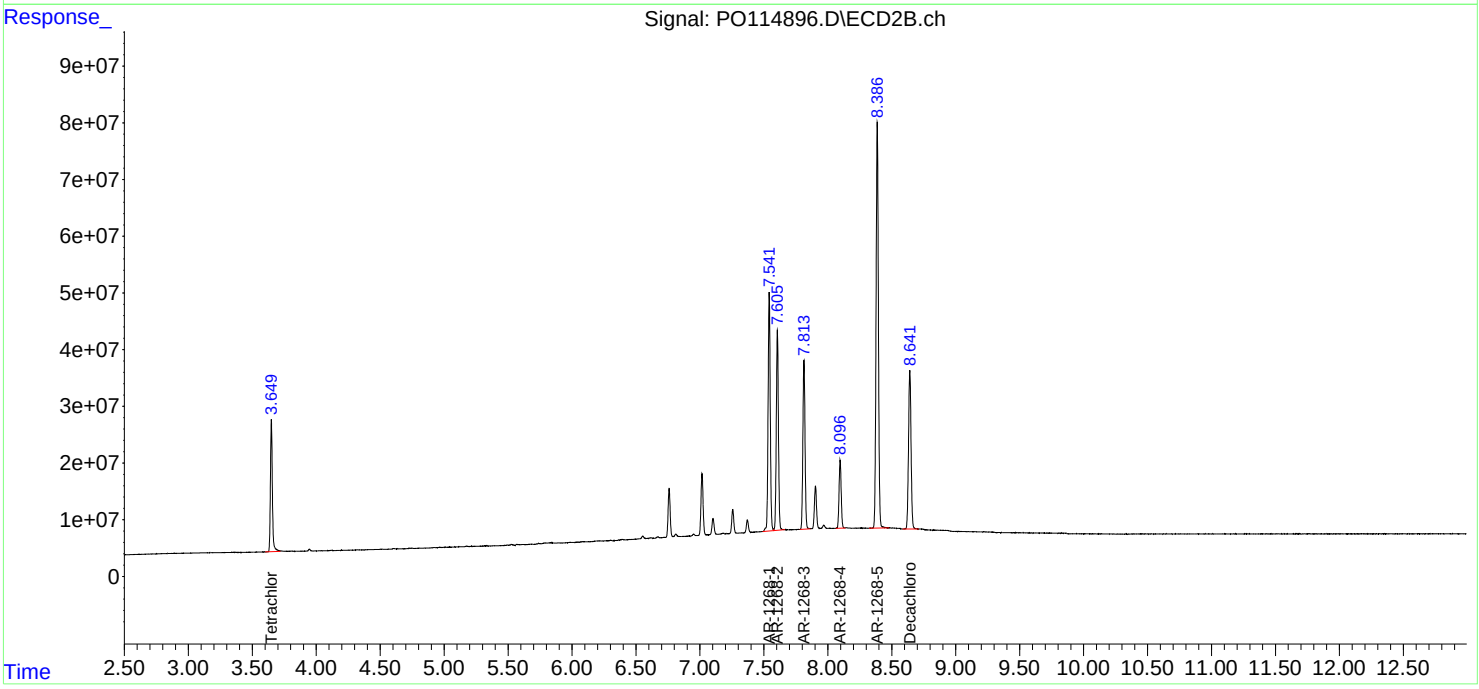
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 17:55
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

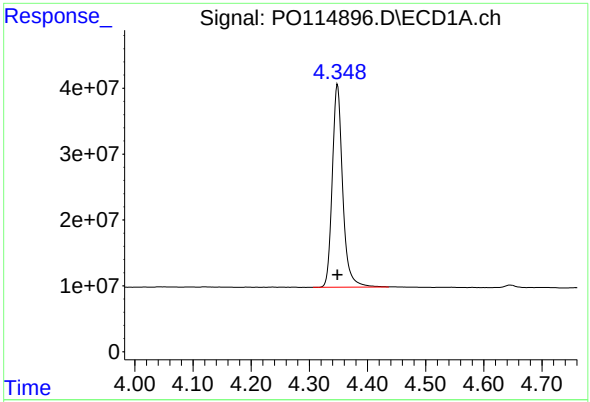
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



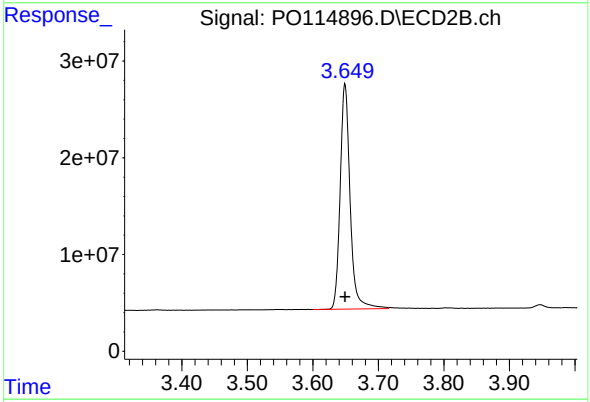




#1 Tetrachloro-m-xylene

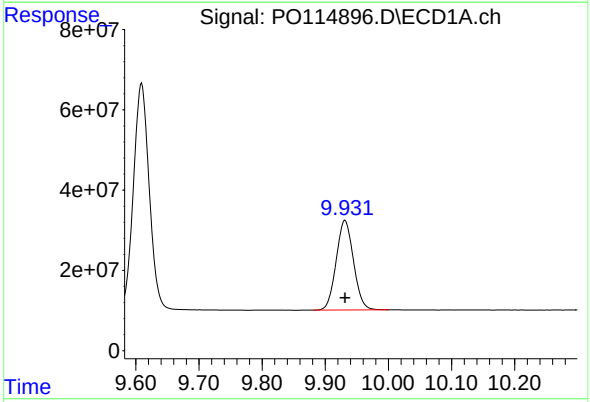
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 382764581
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



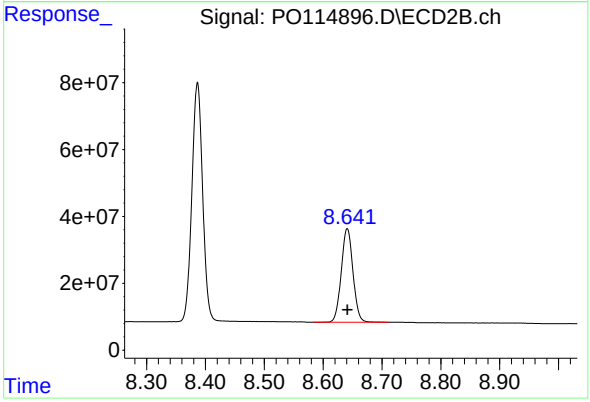
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 245796033
Conc: 50.00 ng/ml



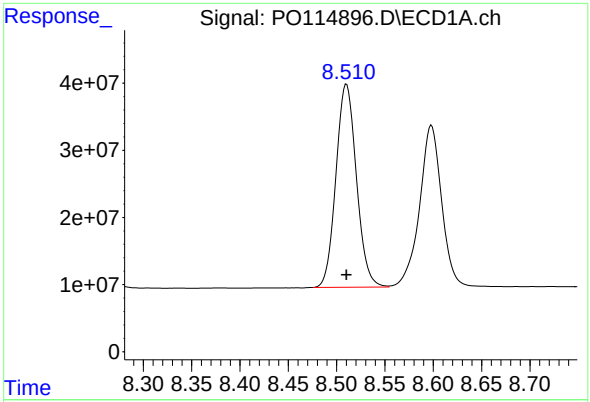
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 425247344
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

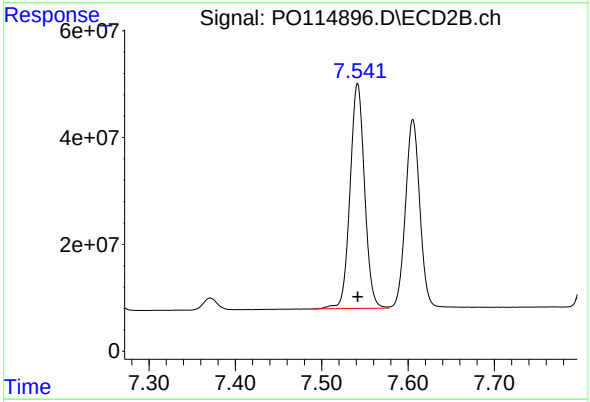
R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 385310067
Conc: 50.00 ng/ml



#41 AR-1268-1

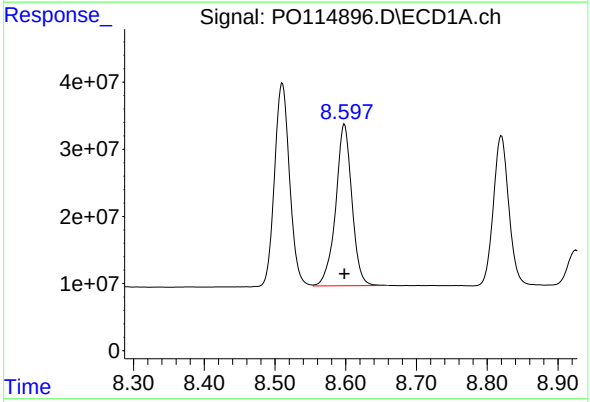
R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 446520511
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



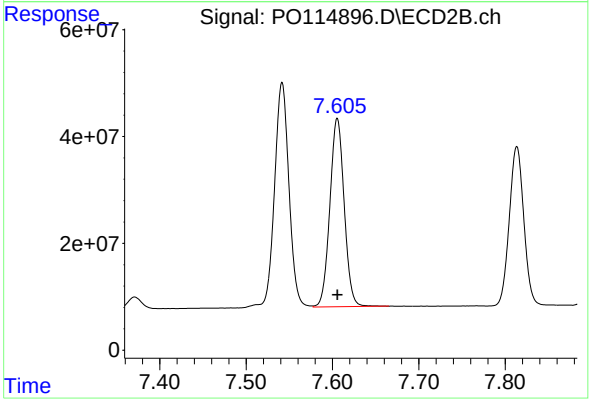
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 490866452
Conc: 500.00 ng/ml



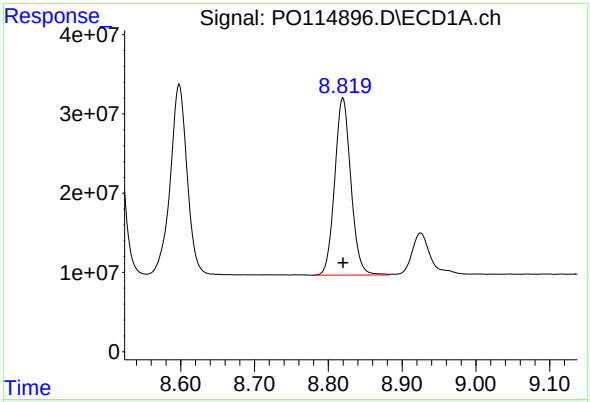
#42 AR-1268-2

R.T.: 8.598 min
Delta R.T.: 0.000 min
Response: 382762768
Conc: 500.00 ng/ml



#42 AR-1268-2

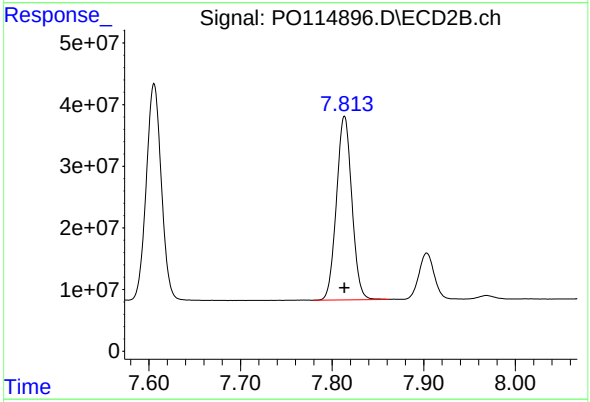
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 405613764
Conc: 500.00 ng/ml



#43 AR-1268-3

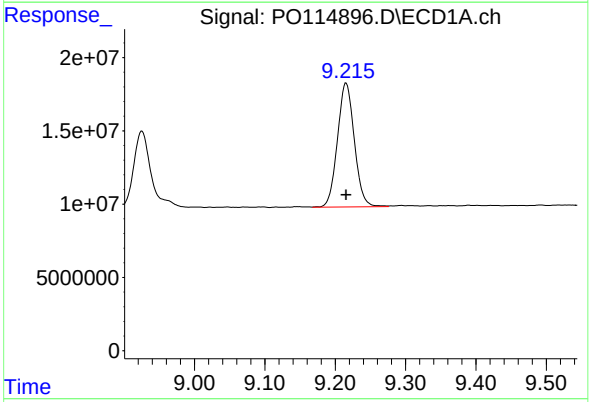
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 339933456
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



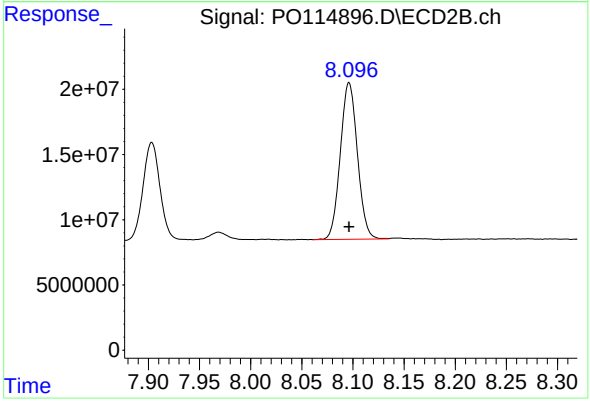
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 347861665
Conc: 500.00 ng/ml



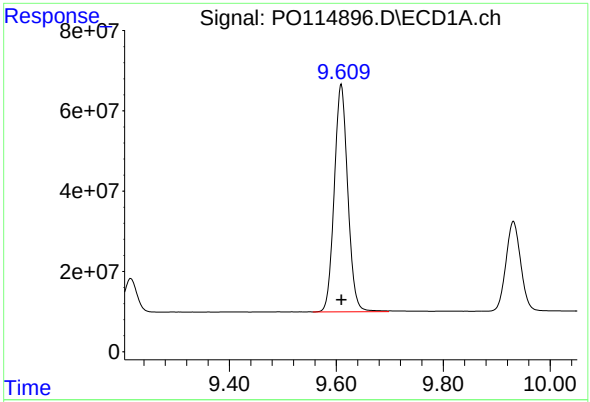
#44 AR-1268-4

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 141155010
Conc: 500.00 ng/ml



#44 AR-1268-4

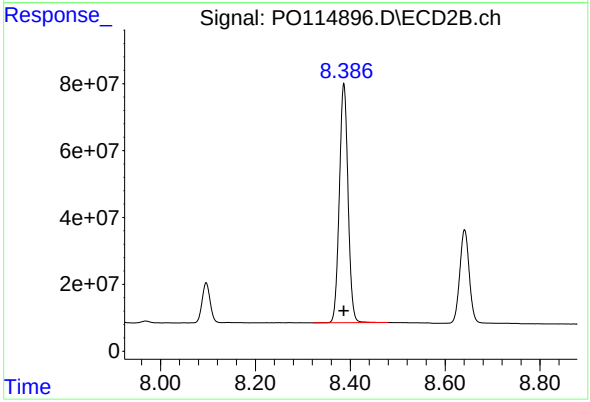
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 140043419
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 992864684
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 909228605
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 18:13
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	189.9E6	122.1E6	24.810	24.834
2)	SA Decachlor...	9.932	8.641	210.5E6	196.5E6	24.748	25.504
	Target Compounds						
41)	L9 AR-1268-1	8.511	7.541	221.9E6	248.4E6	248.457	253.017m
42)	L9 AR-1268-2	8.599	7.605	190.0E6	204.3E6	248.168	251.781
43)	L9 AR-1268-3	8.820	7.813	167.9E6	174.1E6	246.983	250.180
44)	L9 AR-1268-4	9.216	8.096	70540429	70593070	249.869	252.040
45)	L9 AR-1268-5	9.610	8.387	489.2E6	458.0E6	246.358	251.855

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

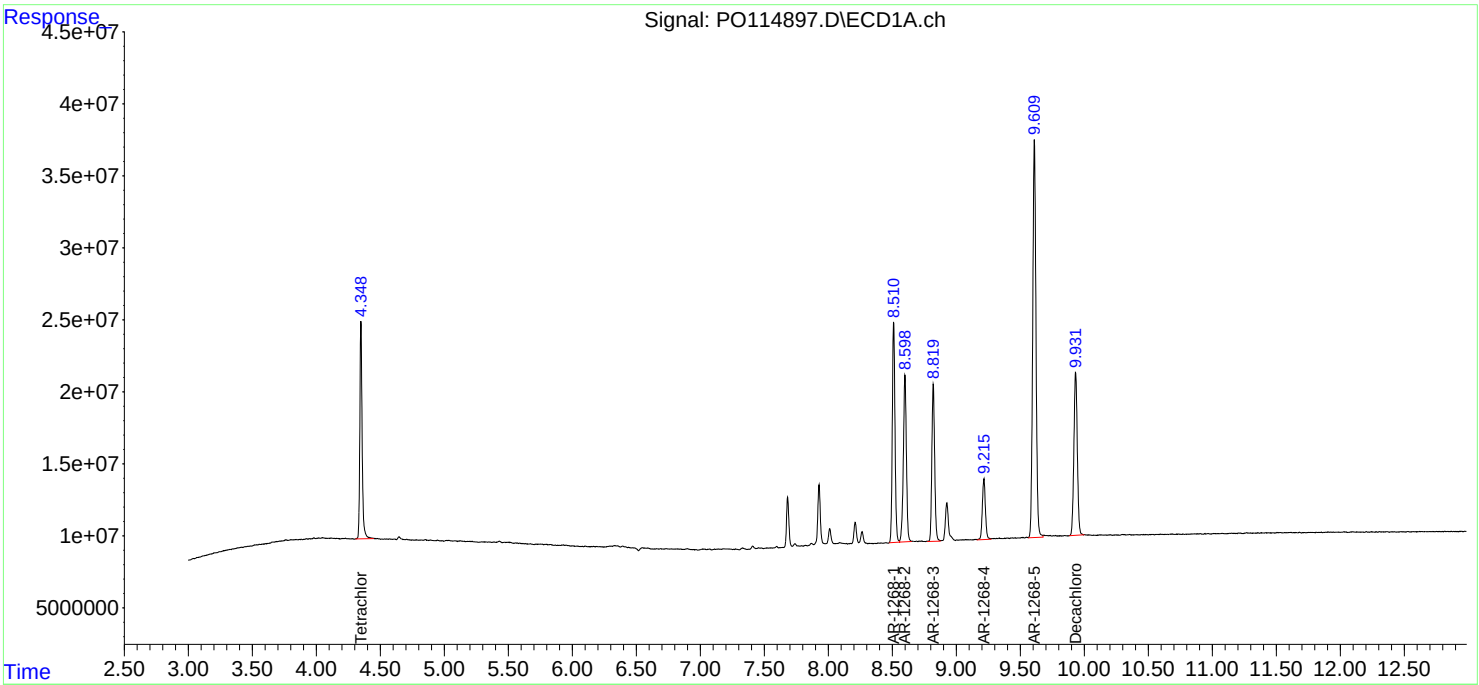
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 18:13
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

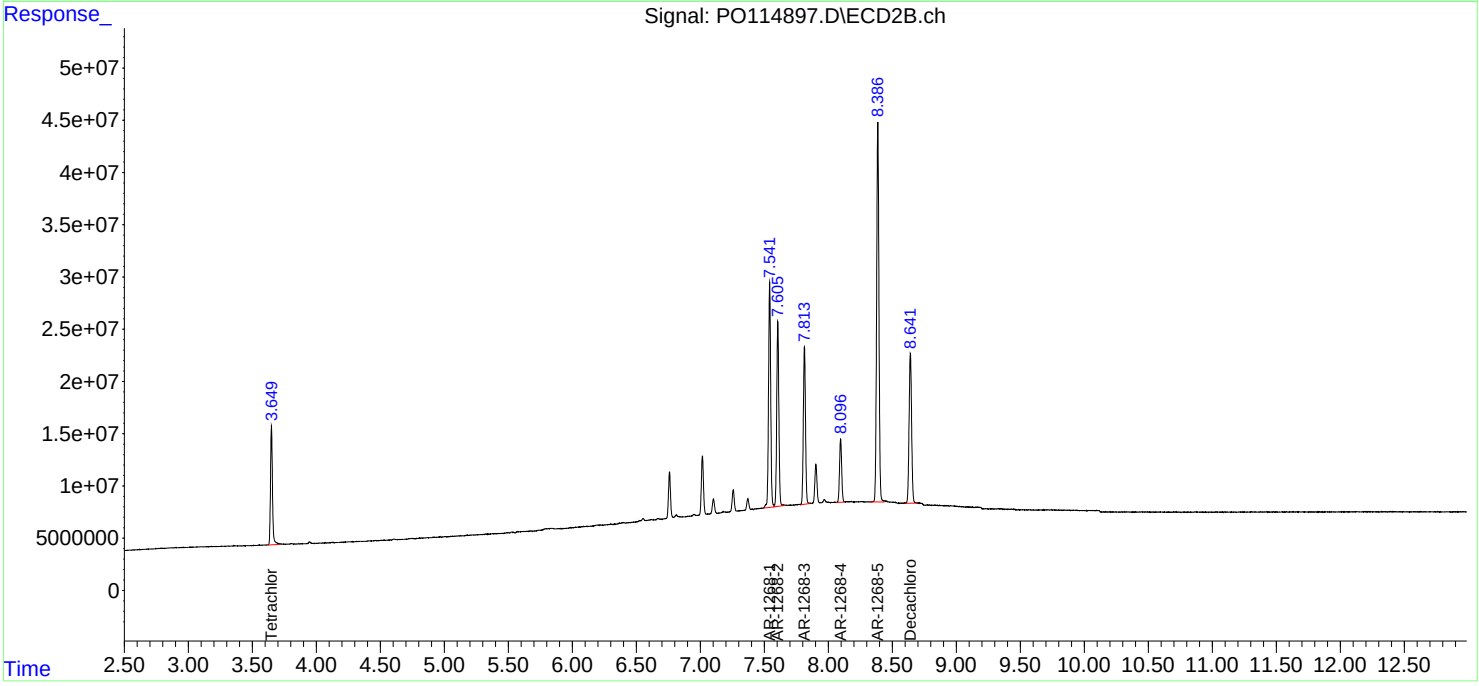
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

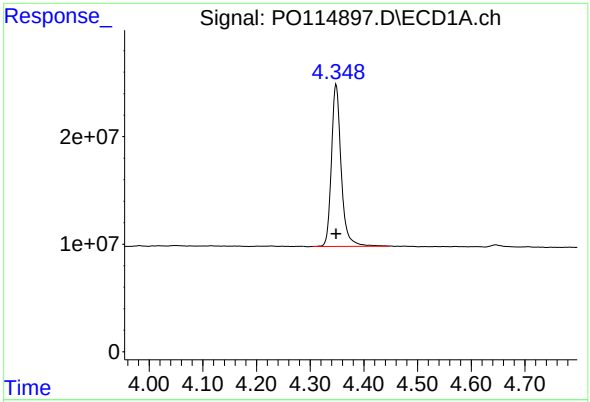
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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







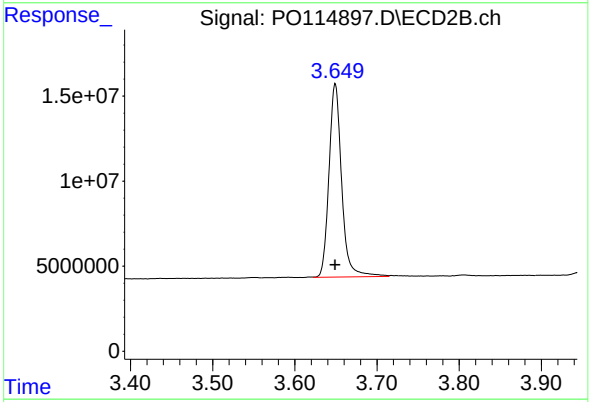
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 189928356
Conc: 24.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

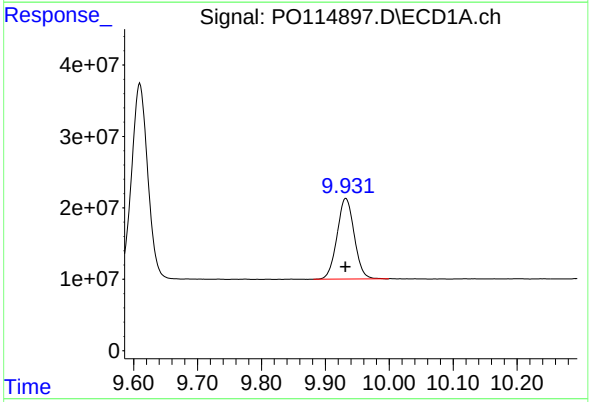
Manual Integrations APPROVED

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



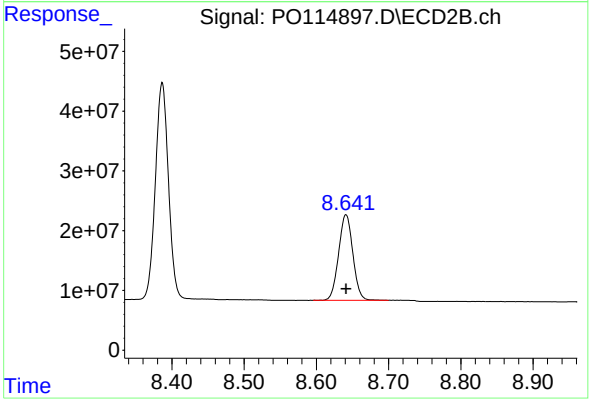
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 122081833
Conc: 24.83 ng/ml



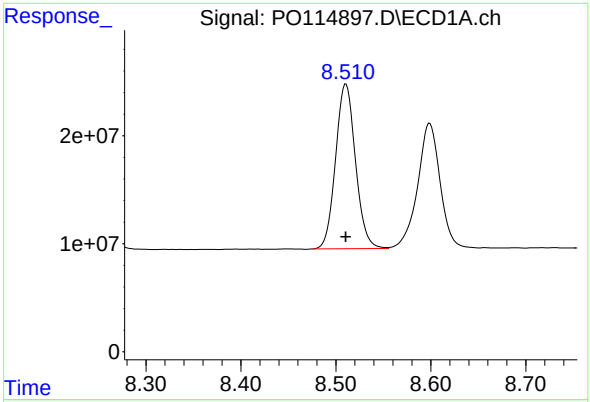
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 210483948
Conc: 24.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 196538978
Conc: 25.50 ng/ml



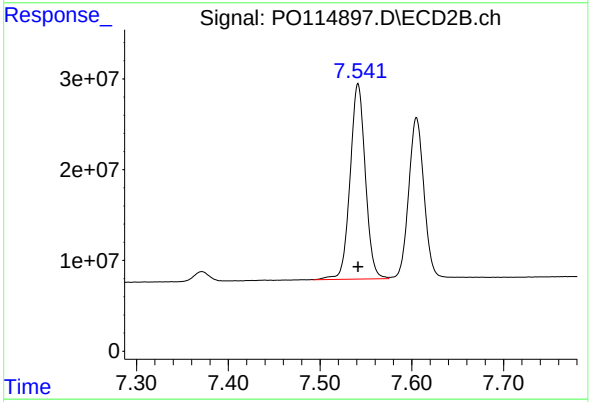
#41 AR-1268-1

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 221882466
Conc: 248.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

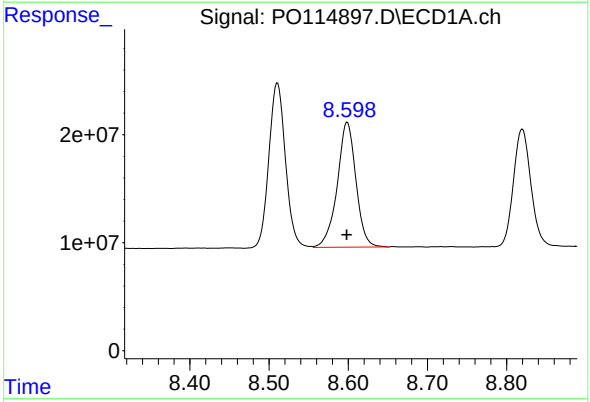
Manual Integrations APPROVED

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



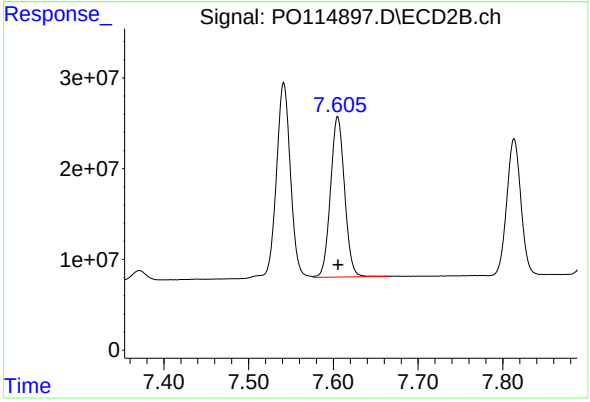
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 248395537
Conc: 253.02 ng/ml m



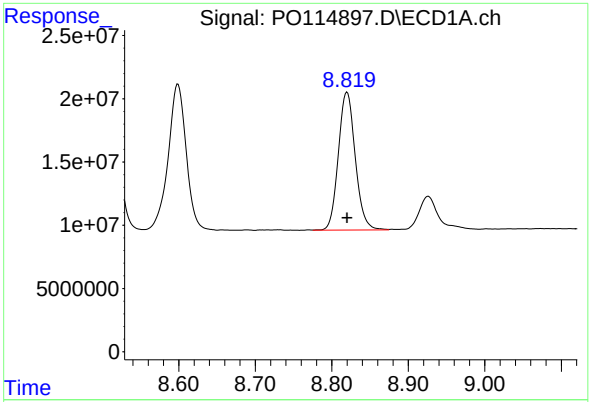
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 189978928
Conc: 248.17 ng/ml



#42 AR-1268-2

R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 204251649
Conc: 251.78 ng/ml



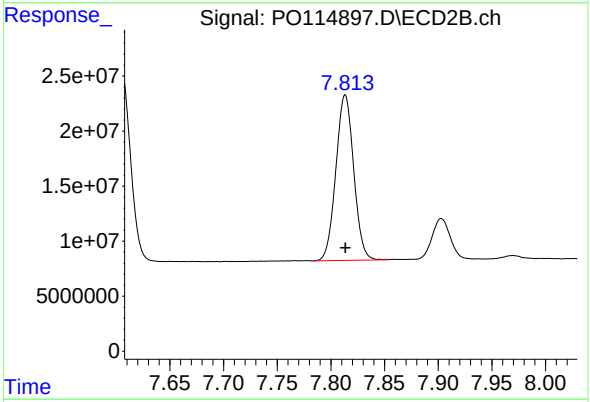
#43 AR-1268-3

R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 167915251
Conc: 246.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

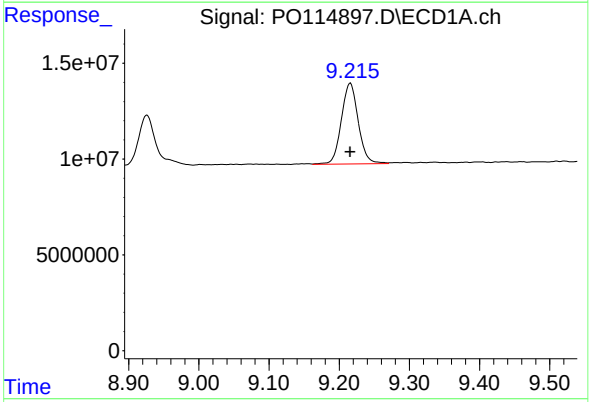
Manual Integrations APPROVED

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



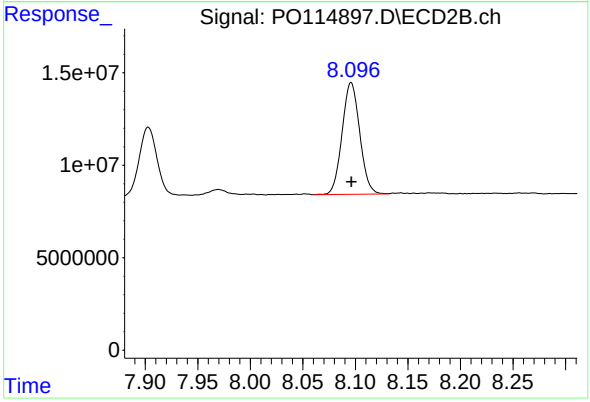
#43 AR-1268-3

R.T.: 7.813 min
Delta R.T.: 0.000 min
Response: 174056284
Conc: 250.18 ng/ml



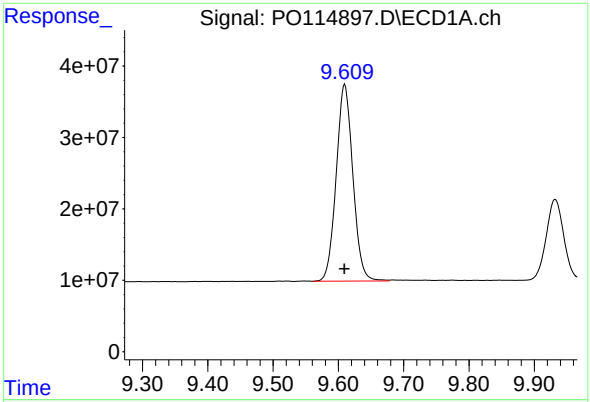
#44 AR-1268-4

R.T.: 9.216 min
Delta R.T.: 0.000 min
Response: 70540429
Conc: 249.87 ng/ml



#44 AR-1268-4

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 70593070
Conc: 252.04 ng/ml



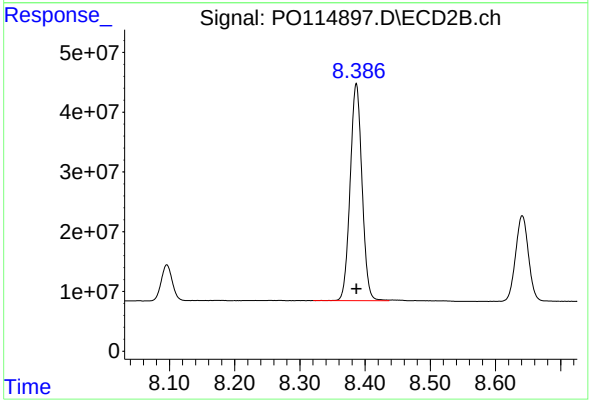
#45 AR-1268-5

R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 489199594
Conc: 246.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

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



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 457988001
Conc: 251.86 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 18:31
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.648	35607202	23620780	4.651	4.805
2)	SA Decachlor...	9.931	8.640	38610556	41609899	4.540	5.400
	Target Compounds						
41)	L9 AR-1268-1	8.511	7.542	40675439	49554127	45.547	50.476
42)	L9 AR-1268-2	8.599	7.606	35140218	38446458	45.903	47.393
43)	L9 AR-1268-3	8.820	7.814	30894342	31638164	45.442	45.475
44)	L9 AR-1268-4	9.214	8.096	14340449	13380470	50.797	47.773
45)	L9 AR-1268-5	9.609	8.387	90370817	85884170	45.510	47.229

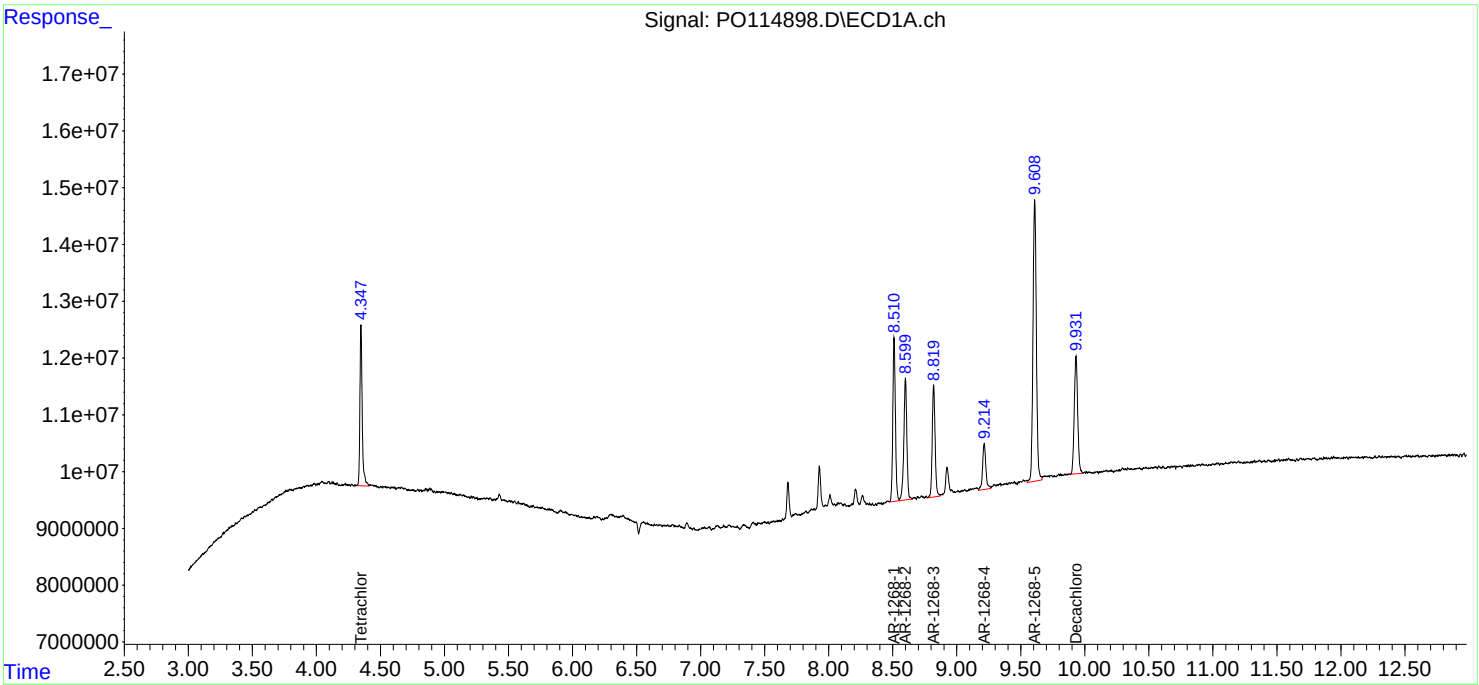
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

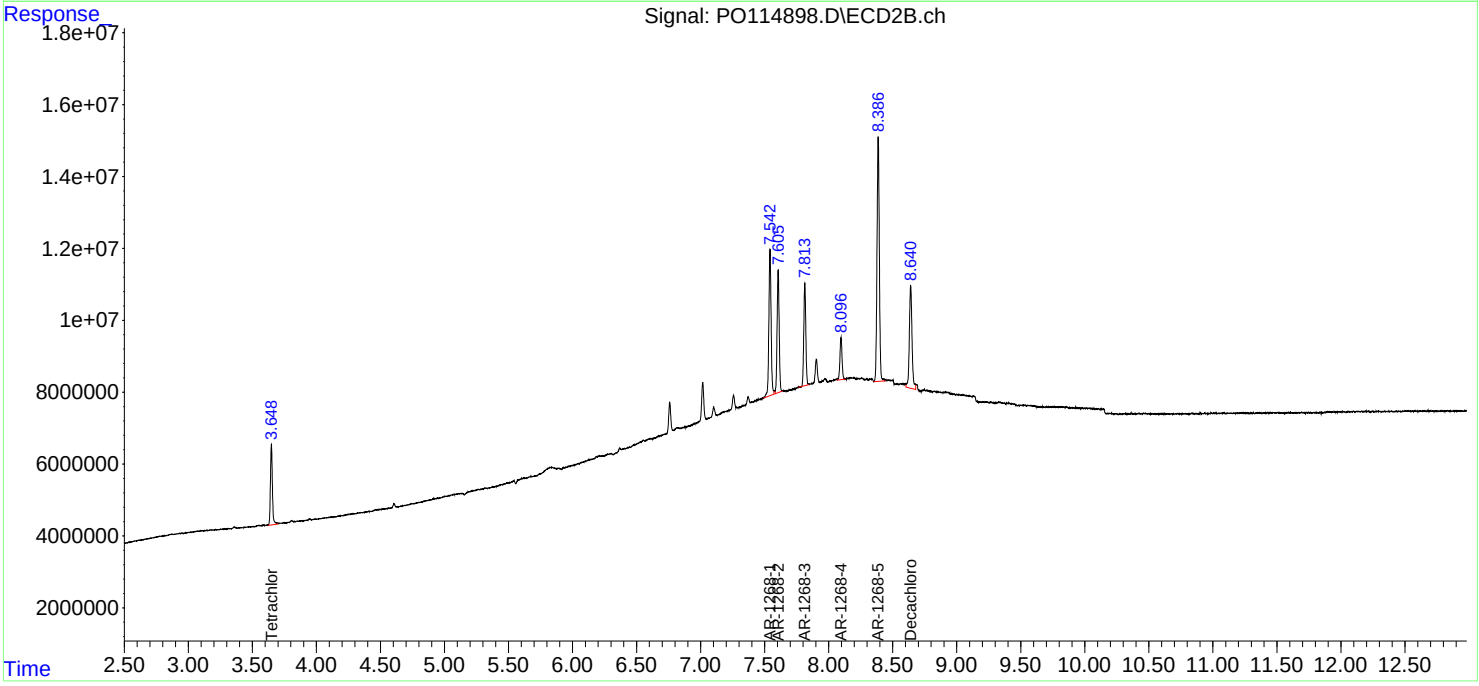
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 18:31
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

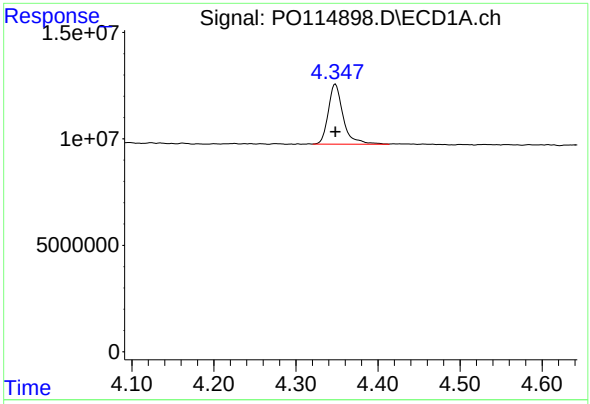
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:23:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:21:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



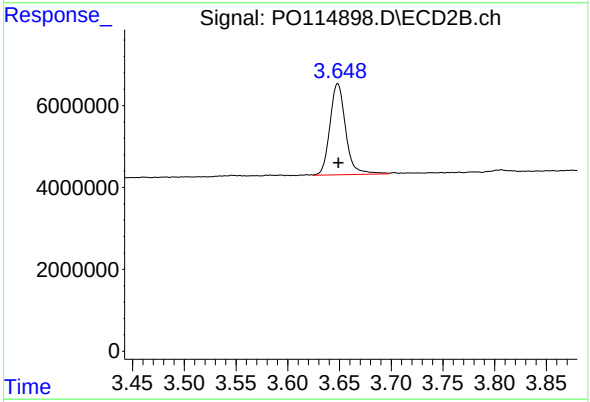




#1 Tetrachloro-m-xylene

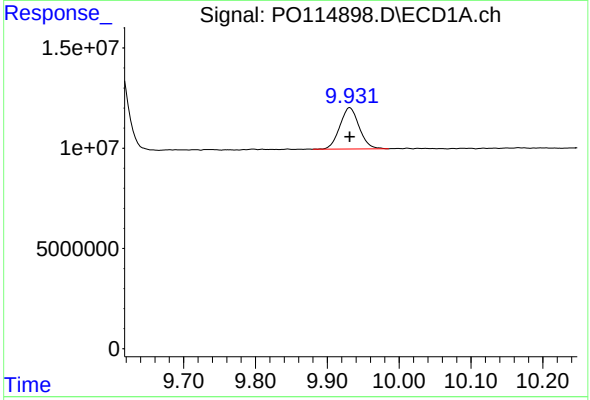
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 35607202
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



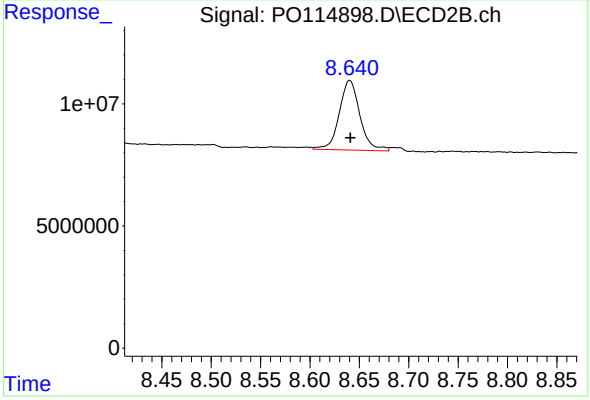
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 23620780
Conc: 4.80 ng/ml



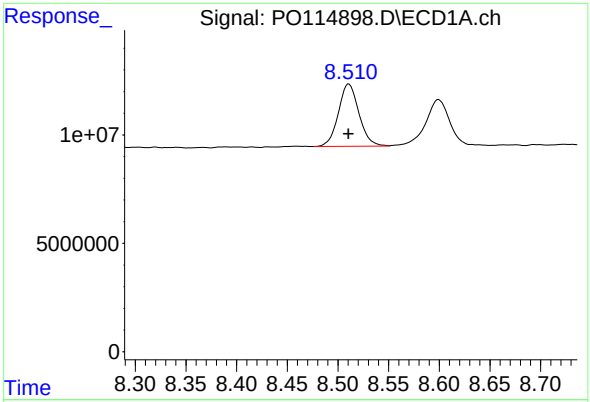
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 38610556
Conc: 4.54 ng/ml



#2 Decachlorobiphenyl

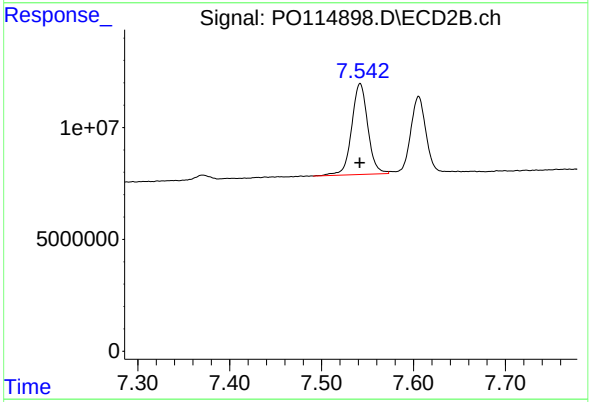
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 41609899
Conc: 5.40 ng/ml



#41 AR-1268-1

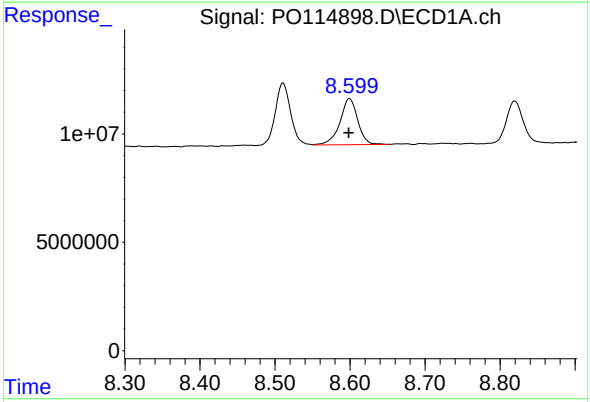
R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 40675439
Conc: 45.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



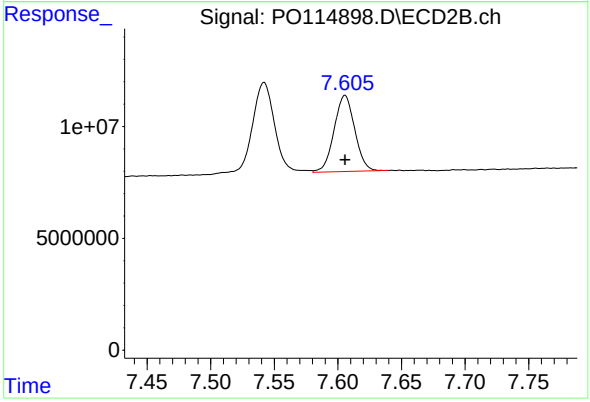
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 49554127
Conc: 50.48 ng/ml



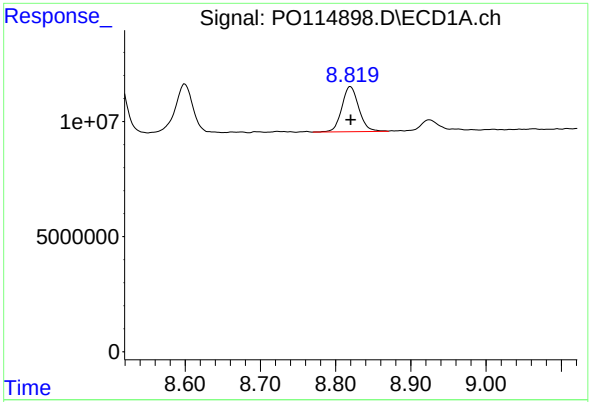
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.001 min
Response: 35140218
Conc: 45.90 ng/ml



#42 AR-1268-2

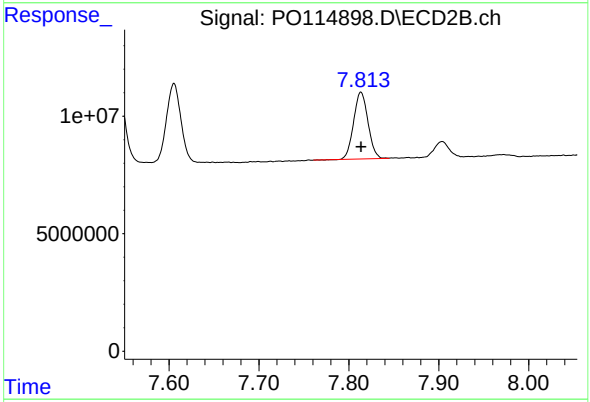
R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 38446458
Conc: 47.39 ng/ml



#43 AR-1268-3

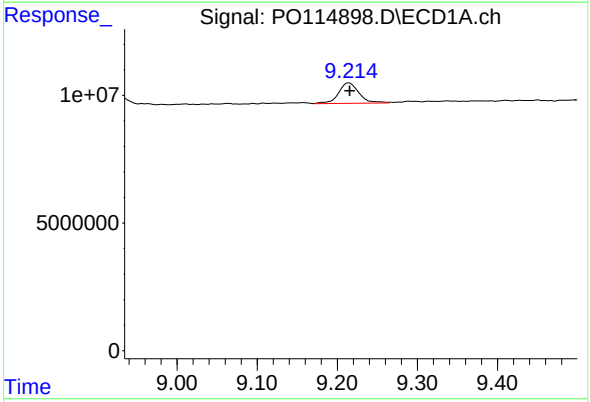
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 30894342
Conc: 45.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



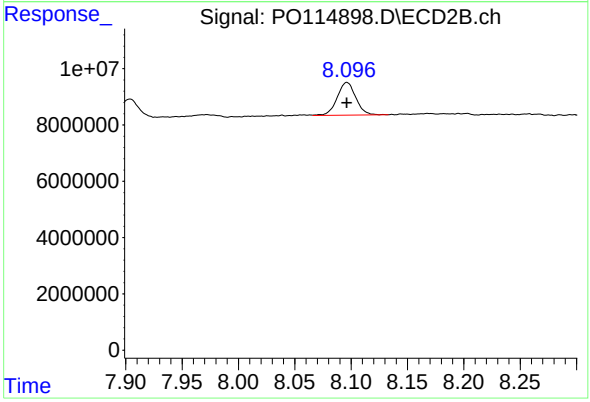
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 31638164
Conc: 45.48 ng/ml



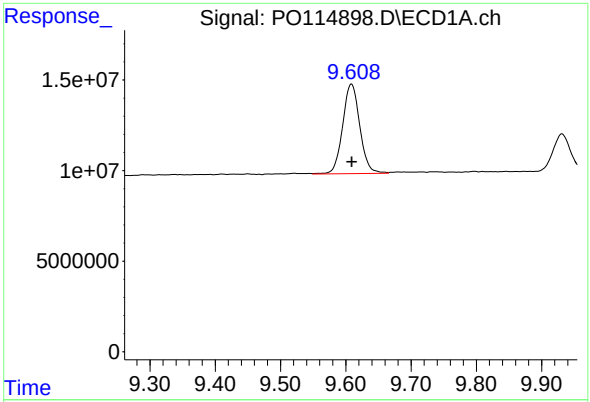
#44 AR-1268-4

R.T.: 9.214 min
Delta R.T.: -0.001 min
Response: 14340449
Conc: 50.80 ng/ml



#44 AR-1268-4

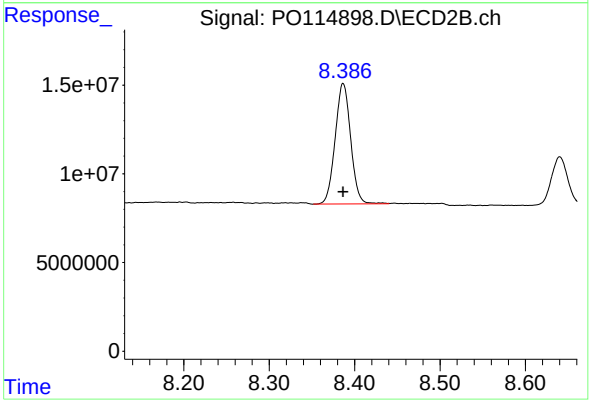
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 13380470
Conc: 47.77 ng/ml



#45 AR-1268-5

R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 90370817
Conc: 45.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 85884170
Conc: 47.23 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 19:08
Operator : YP/AJ
Sample : PO110425ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO110425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 02:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 02:02:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	350.6E6	216.0E6	49.817	48.358
2)	SA Decachlor...	9.932	8.640	217.2E6	202.0E6	49.145	51.742
	Target Compounds						
3)	L1 AR-1016-1	5.487	4.728	119.9E6	92647170	487.281	486.962
4)	L1 AR-1016-2	5.508	4.747	193.0E6	132.4E6	485.938	488.627
5)	L1 AR-1016-3	5.570	4.921	110.7E6	72980433	496.242	493.200
6)	L1 AR-1016-4	5.666	4.963	92089690	57444659	487.569	489.233
7)	L1 AR-1016-5	5.957	5.176	84866211	74982175	476.249	490.999
31)	L7 AR-1260-1	7.071	6.205	144.7E6	141.9E6	473.335	479.180
32)	L7 AR-1260-2	7.325	6.393	200.2E6	209.0E6	505.658	486.103
33)	L7 AR-1260-3	7.682	6.546	167.5E6	170.3E6	504.732	484.991
34)	L7 AR-1260-4	7.904	7.017	152.7E6	150.0E6	500.629	495.013
35)	L7 AR-1260-5	8.210	7.257	350.1E6	404.4E6	490.903	492.224

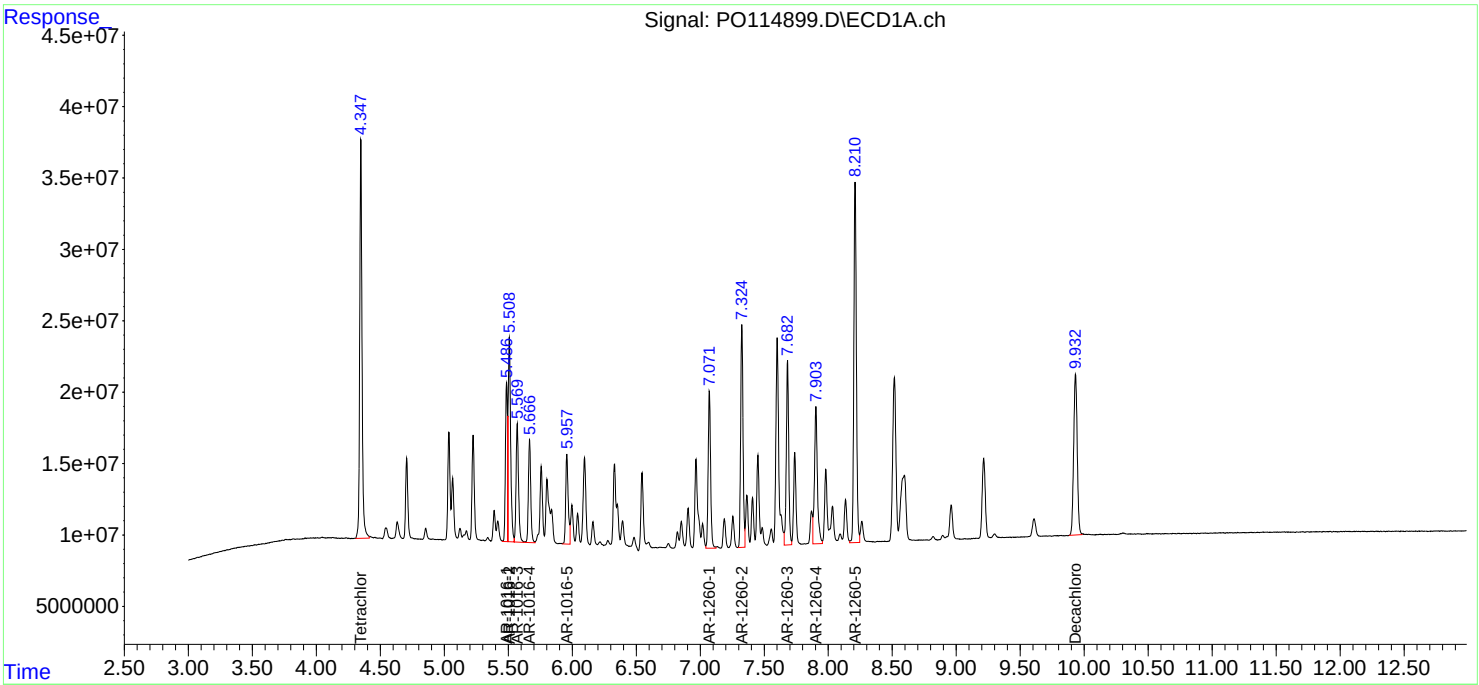
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

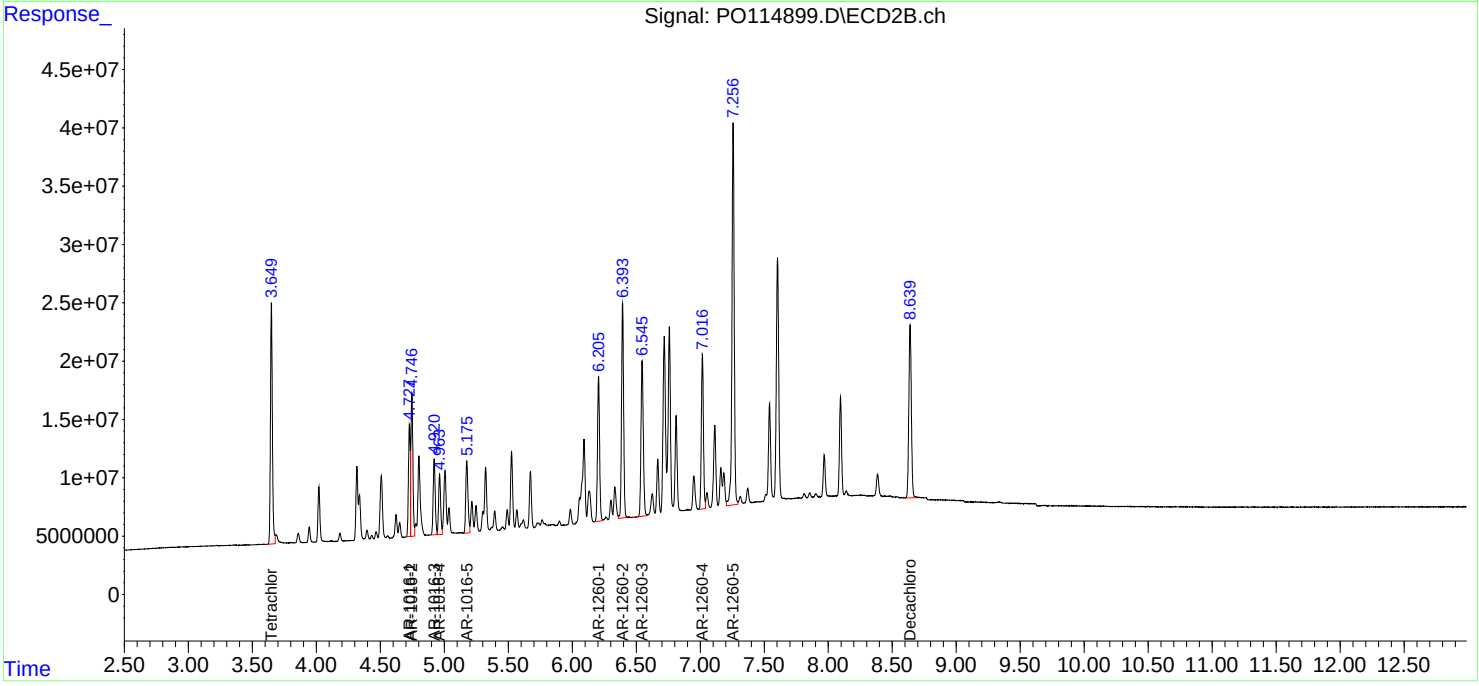
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 19:08
Operator : YP/AJ
Sample : PO110425ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

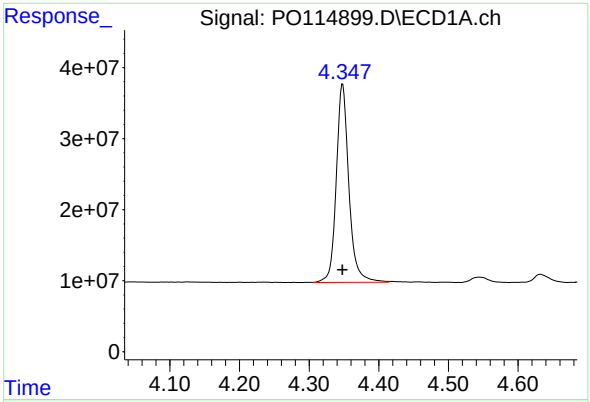
Instrument :
ECD_O
ClientSampleId :
ICVPO110425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 02:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 02:02:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



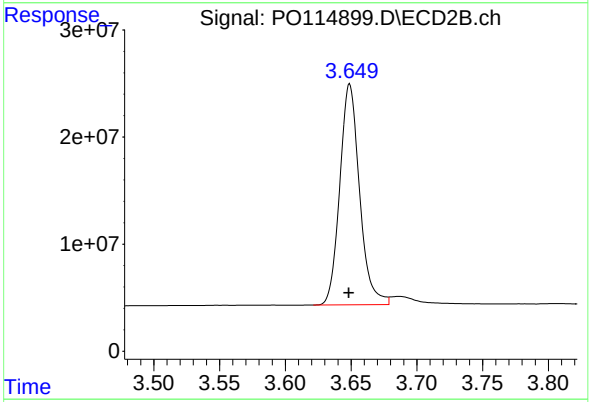




#1 Tetrachloro-m-xylene

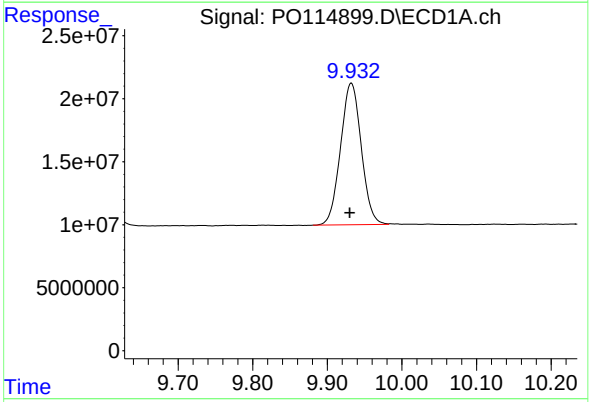
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 350620388
Conc: 49.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



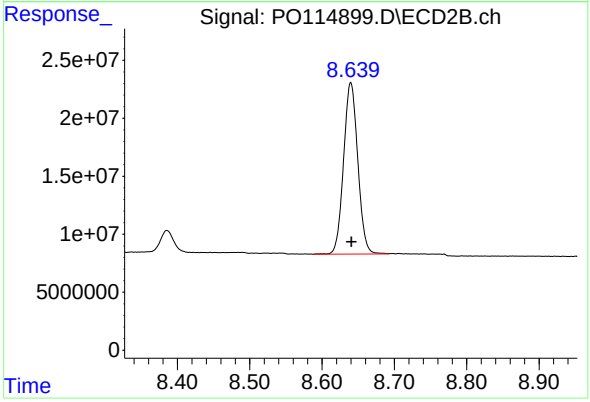
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 216005415
Conc: 48.36 ng/ml



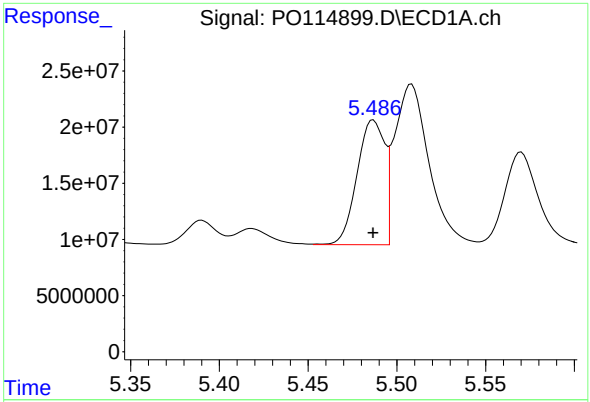
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.002 min
Response: 217232315
Conc: 49.14 ng/ml



#2 Decachlorobiphenyl

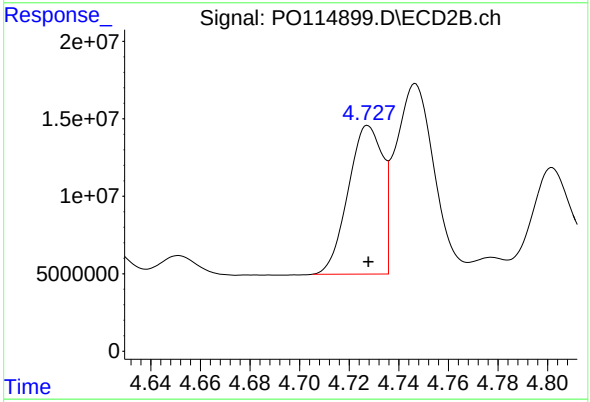
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 201993040
Conc: 51.74 ng/ml



#3 AR-1016-1

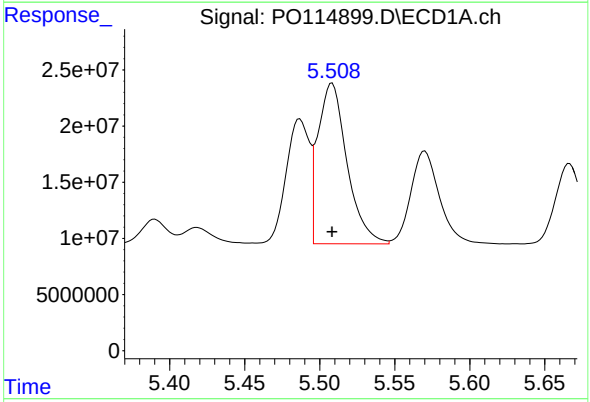
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 119880765
Conc: 487.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



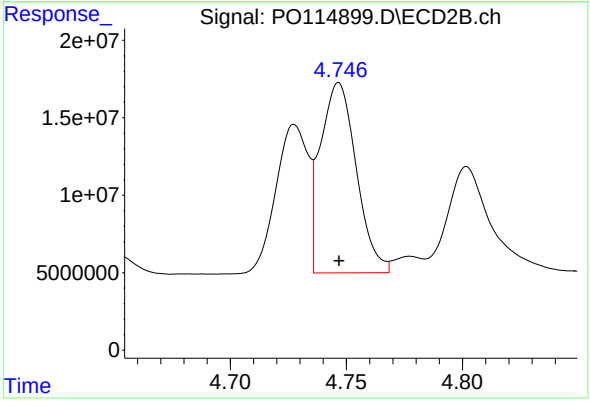
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 92647170
Conc: 486.96 ng/ml



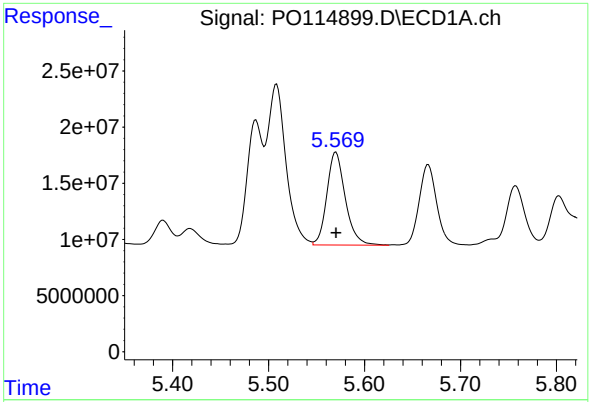
#4 AR-1016-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 192951994
Conc: 485.94 ng/ml



#4 AR-1016-2

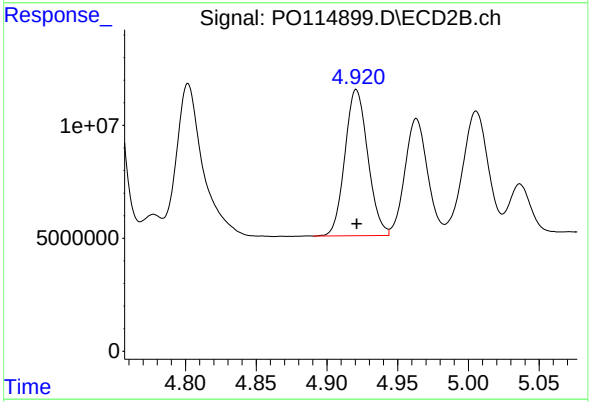
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 132351729
Conc: 488.63 ng/ml



#5 AR-1016-3

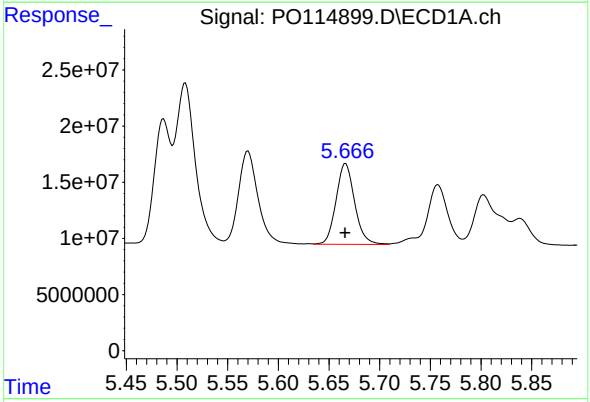
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 110662386
Conc: 496.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



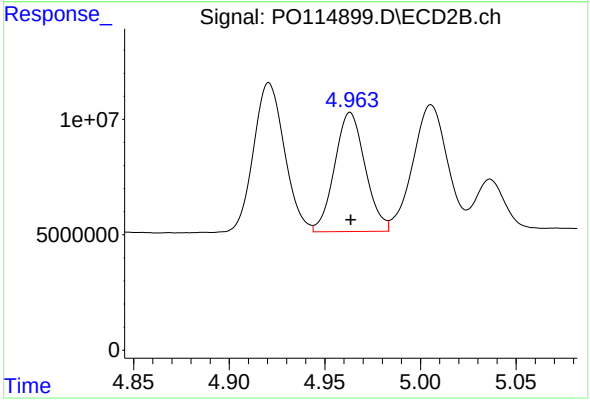
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 72980433
Conc: 493.20 ng/ml



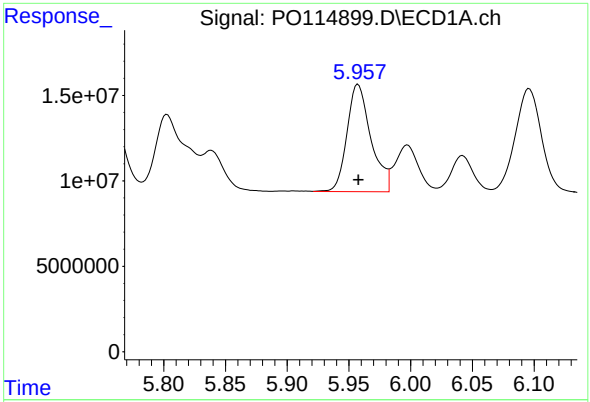
#6 AR-1016-4

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 92089690
Conc: 487.57 ng/ml



#6 AR-1016-4

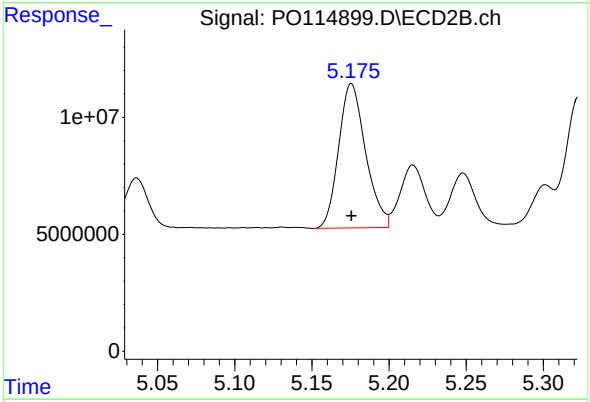
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 57444659
Conc: 489.23 ng/ml



#7 AR-1016-5

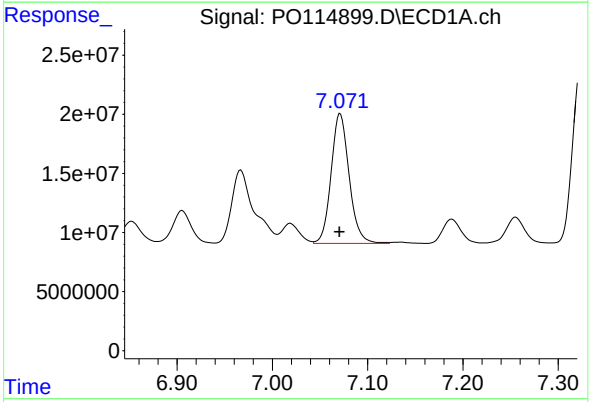
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 84866211
Conc: 476.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



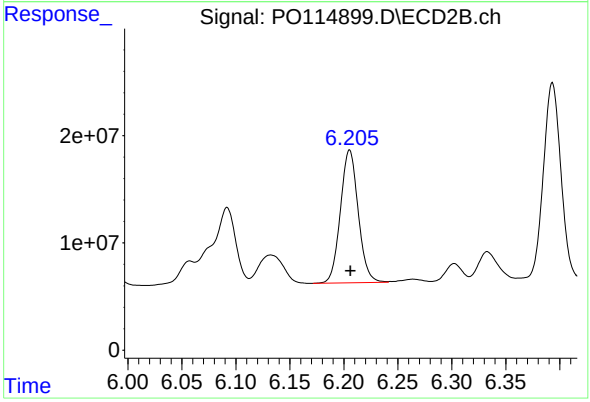
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 74982175
Conc: 491.00 ng/ml



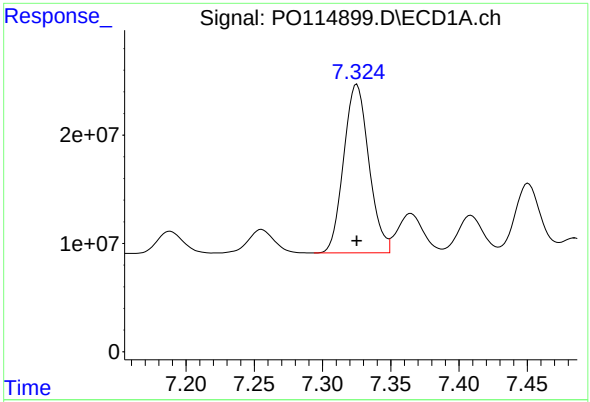
#31 AR-1260-1

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 144666874
Conc: 473.33 ng/ml



#31 AR-1260-1

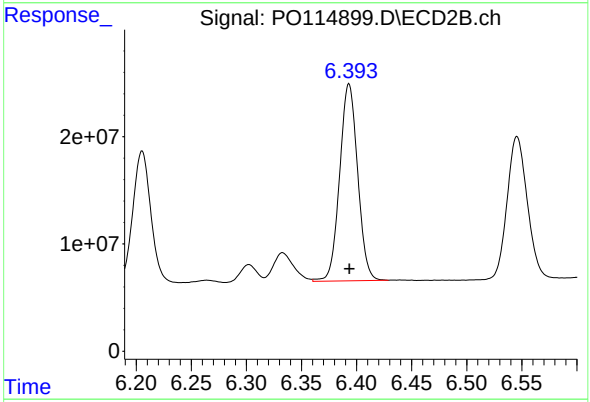
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 141888906
Conc: 479.18 ng/ml



#32 AR-1260-2

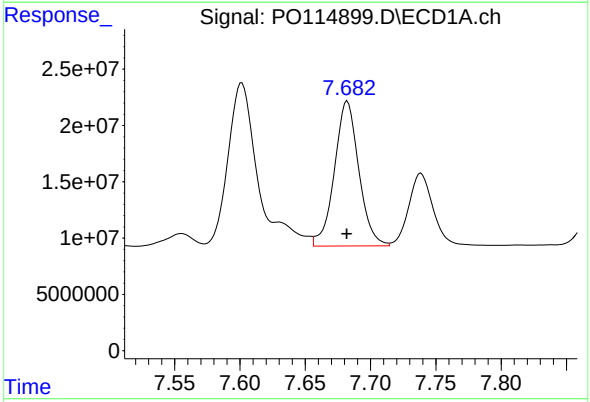
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 200178596
Conc: 505.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



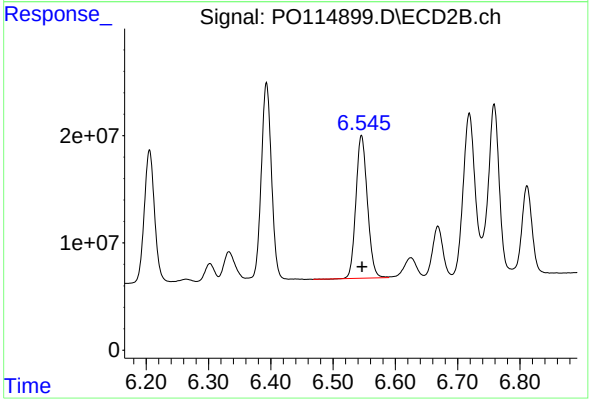
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 209039332
Conc: 486.10 ng/ml



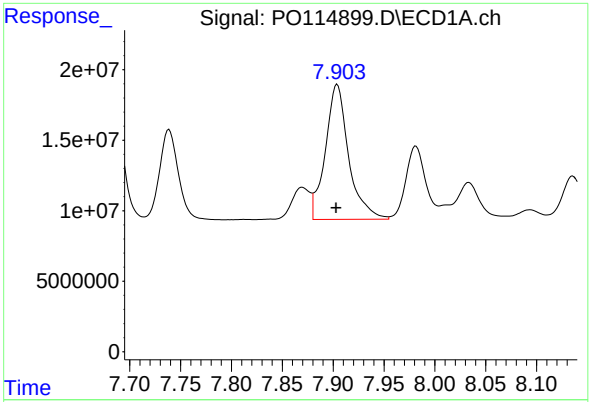
#33 AR-1260-3

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 167478991
Conc: 504.73 ng/ml



#33 AR-1260-3

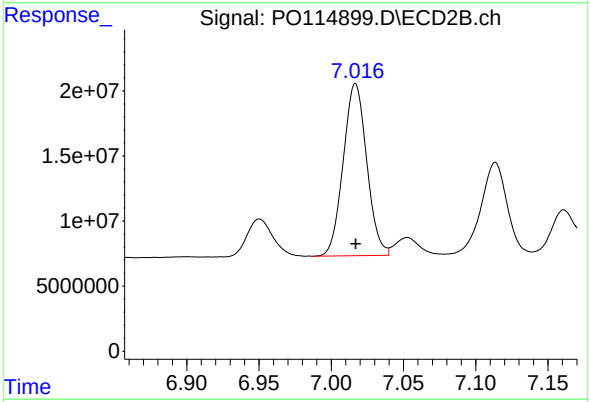
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 170305191
Conc: 484.99 ng/ml



#34 AR-1260-4

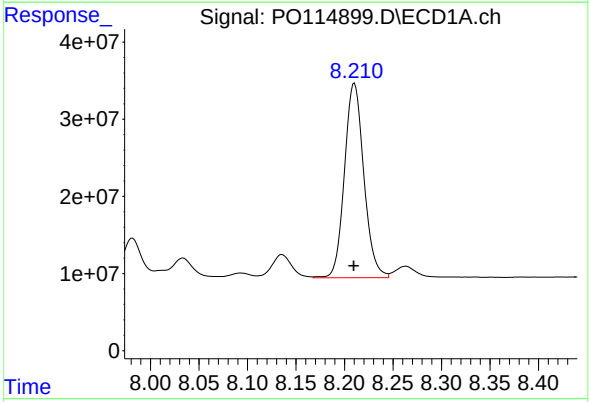
R.T.: 7.904 min
Delta R.T.: 0.001 min
Response: 152702007
Conc: 500.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425



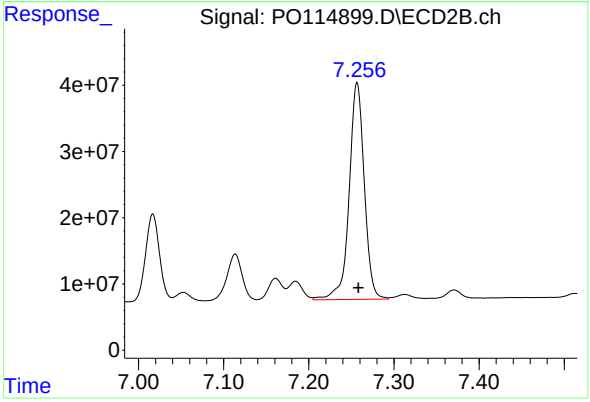
#34 AR-1260-4

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 150003192
Conc: 495.01 ng/ml



#35 AR-1260-5

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 350120826
Conc: 490.90 ng/ml



#35 AR-1260-5

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 404424819
Conc: 492.22 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 20:21
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:57:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:57:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	369.9E6	227.0E6	50.980	48.485
2)	SA Decachlor...	9.932	8.639	237.1E6	216.0E6	50.883	50.180
	Target Compounds						
16)	L4 AR-1242-1	5.486	4.727	91685645	72678150	492.296m	497.041
17)	L4 AR-1242-2	5.508	4.747	146.5E6	102.4E6	490.193m	494.324
18)	L4 AR-1242-3	5.570	4.921	84401159	56402697	492.512m	503.697
19)	L4 AR-1242-4	5.666	5.005	70483519	53471210	492.260m	499.119
20)	L4 AR-1242-5	6.393	5.525	75170815	70192007	533.288	491.136

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 20:21
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

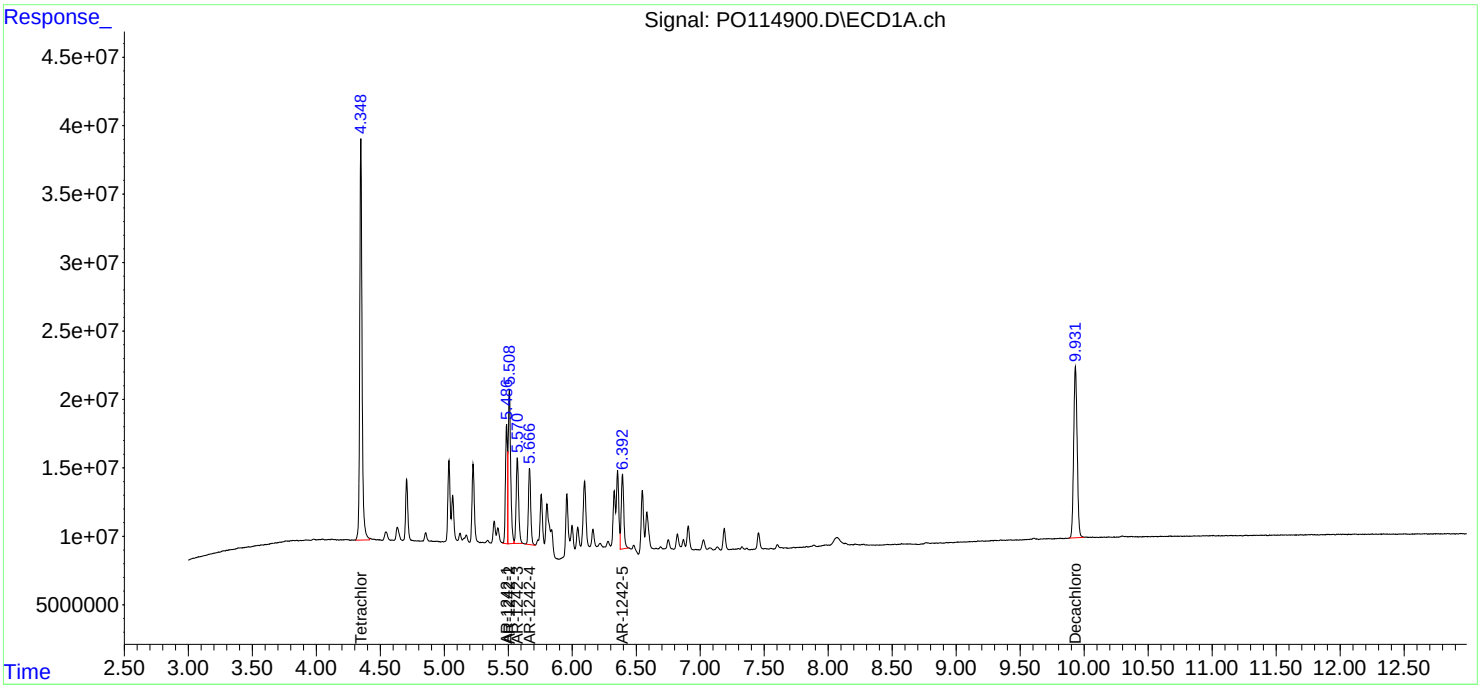
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

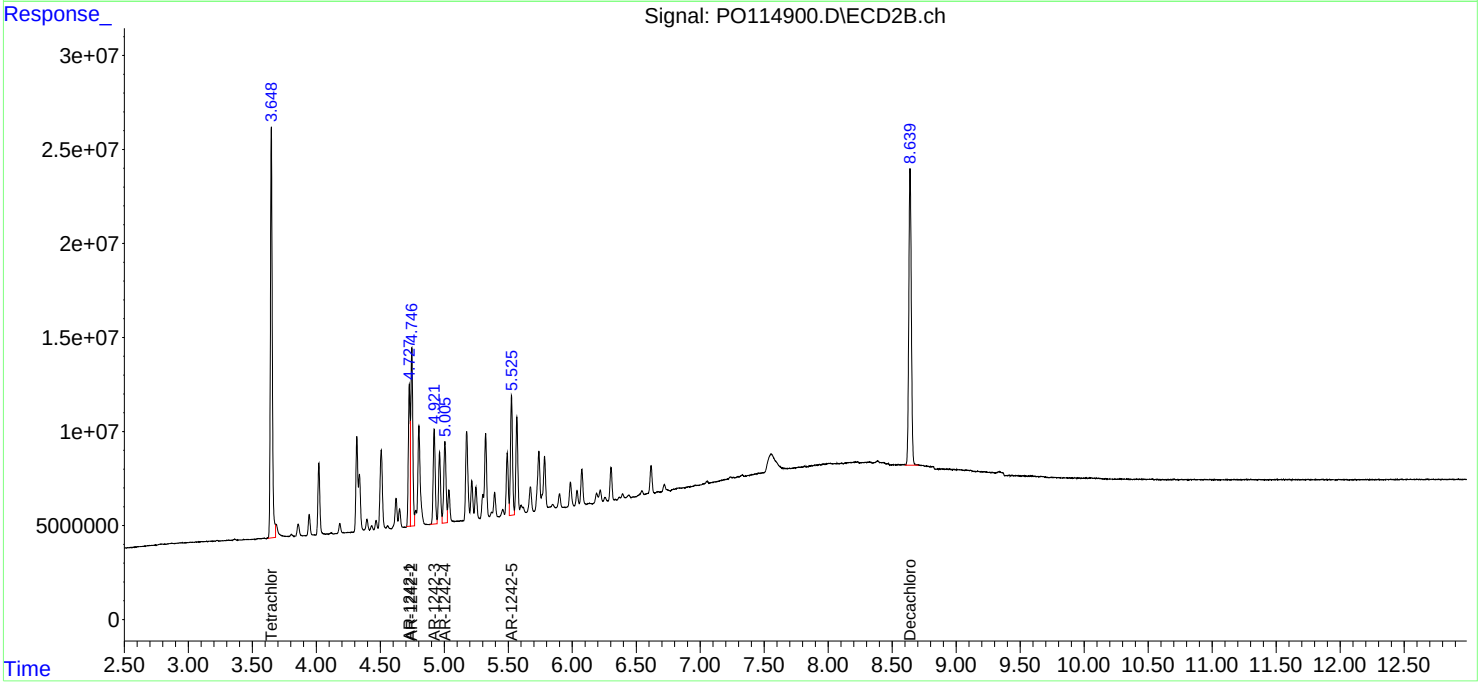
Manual Integrations APPROVED

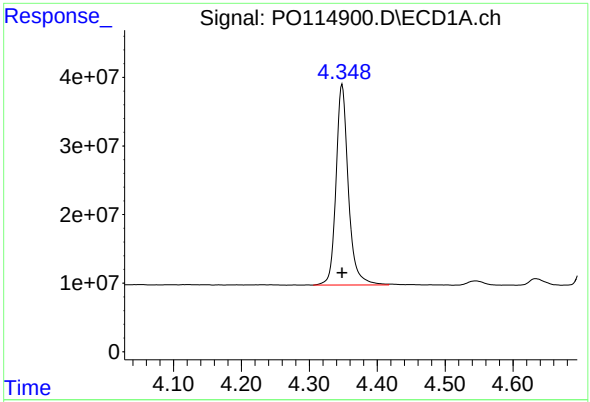
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:57:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:57:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







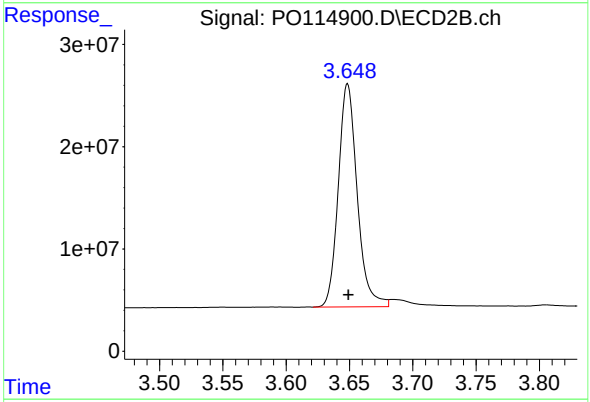
#1 Tetrachloro-m-xylene

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 369940688
Conc: 50.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

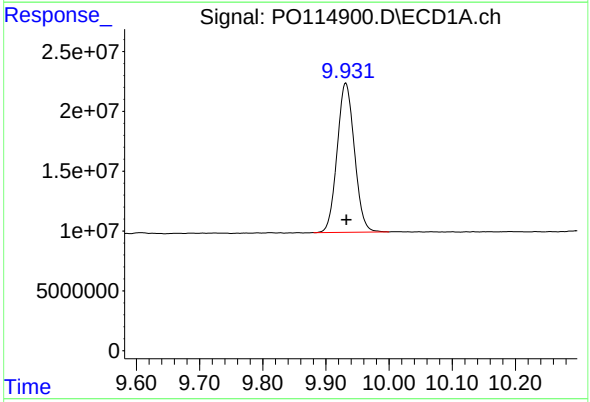
Manual Integrations APPROVED

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



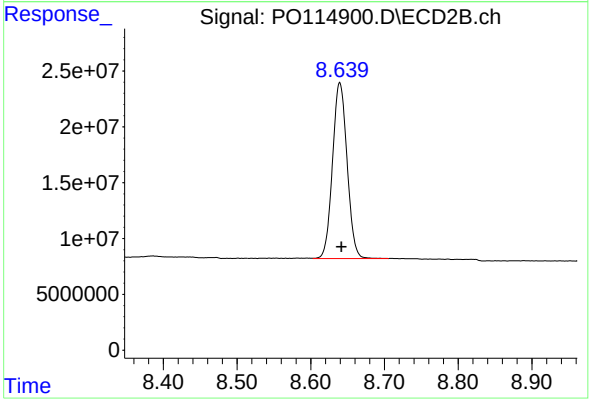
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 227000941
Conc: 48.49 ng/ml



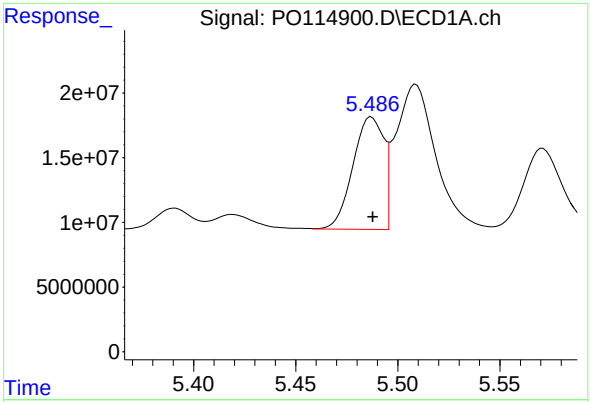
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 237111251
Conc: 50.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.639 min
Delta R.T.: -0.002 min
Response: 215958760
Conc: 50.18 ng/ml



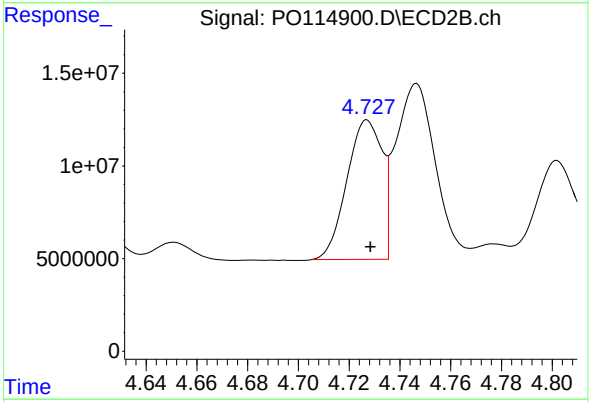
#16 AR-1242-1

R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 91685645
Conc: 492.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

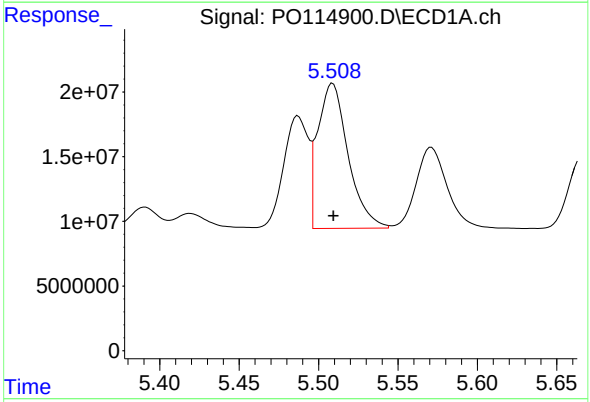
Manual Integrations APPROVED

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



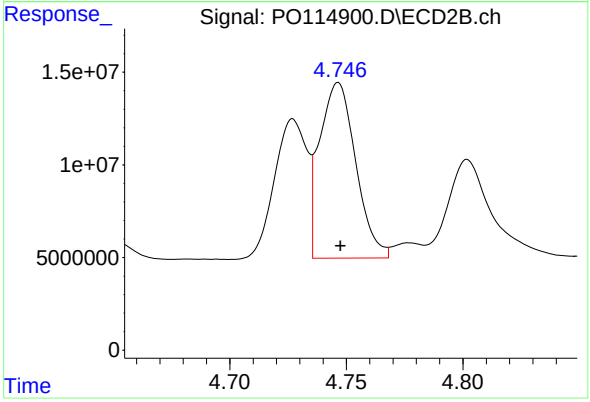
#16 AR-1242-1

R.T.: 4.727 min
Delta R.T.: -0.001 min
Response: 72678150
Conc: 497.04 ng/ml



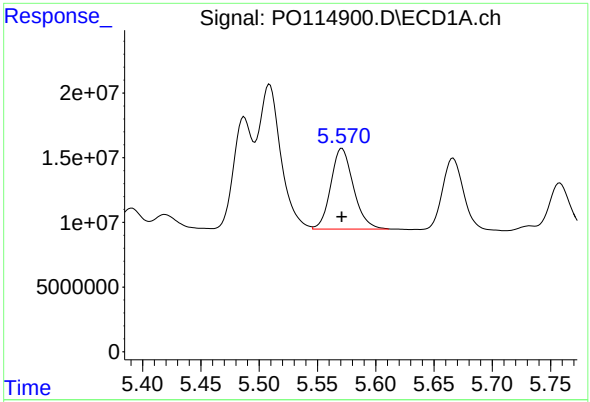
#17 AR-1242-2

R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 146457912
Conc: 490.19 ng/ml m



#17 AR-1242-2

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 102398168
Conc: 494.32 ng/ml



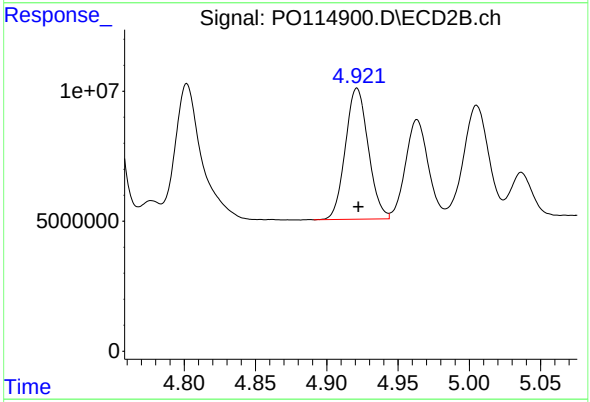
#18 AR-1242-3

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 84401159
Conc: 492.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

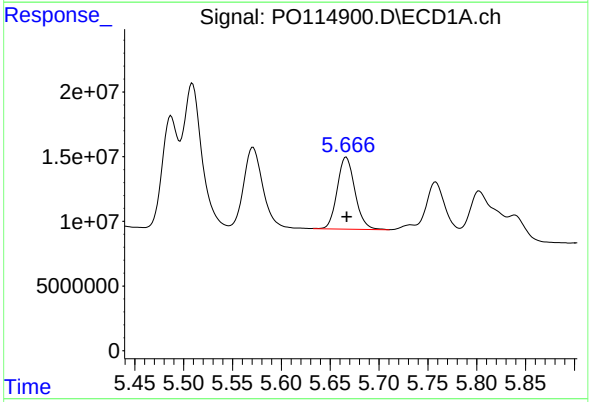
Manual Integrations APPROVED

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



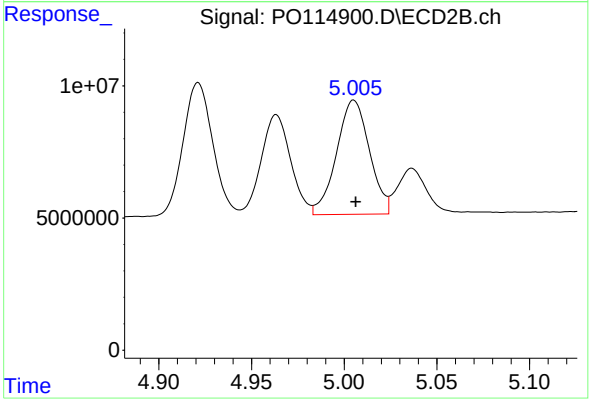
#18 AR-1242-3

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 56402697
Conc: 503.70 ng/ml



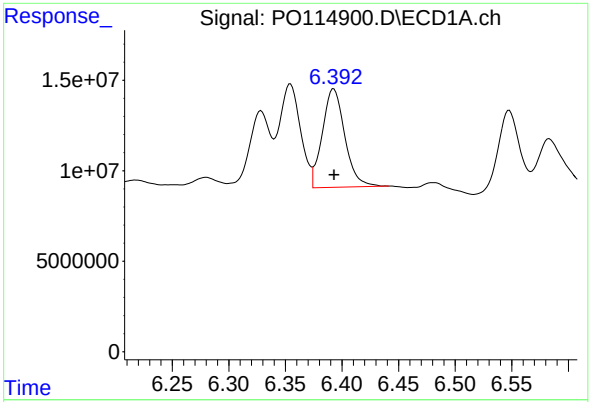
#19 AR-1242-4

R.T.: 5.666 min
Delta R.T.: -0.001 min
Response: 70483519
Conc: 492.26 ng/ml m



#19 AR-1242-4

R.T.: 5.005 min
Delta R.T.: -0.001 min
Response: 53471210
Conc: 499.12 ng/ml



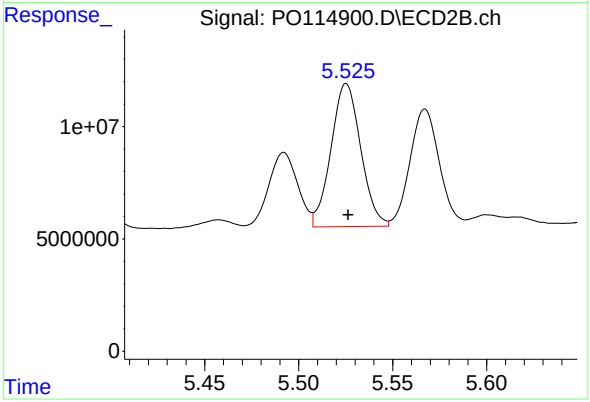
#20 AR-1242-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 75170815
Conc: 533.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1242

Manual Integrations APPROVED

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



#20 AR-1242-5

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 70192007
Conc: 491.14 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 20:58
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:49:02 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	364.4E6	233.5E6	49.370	48.616
2)	SA Decachlor...	9.931	8.640	231.0E6	213.4E6	50.545	50.607
	Target Compounds						
21)	L5 AR-1248-1	5.487	4.727	67941811	53066852	485.834	485.472
22)	L5 AR-1248-2	5.758	4.963	96189175	72201389	494.605	484.897
23)	L5 AR-1248-3	5.958	5.005	104.8E6	75367544	497.247	484.966
24)	L5 AR-1248-4	6.354	5.175	125.7E6	89630325	497.795	489.109
25)	L5 AR-1248-5	6.393	5.567	118.0E6	89347145	500.480	484.717

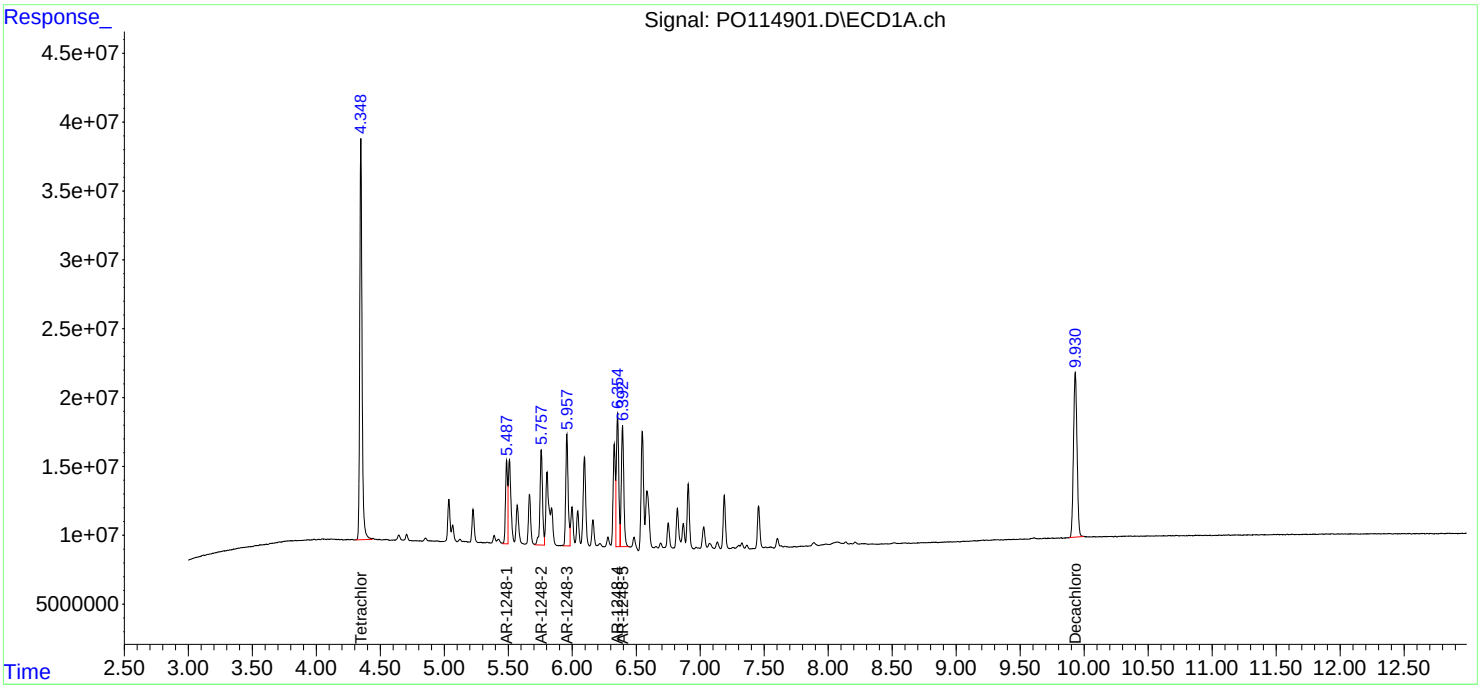
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

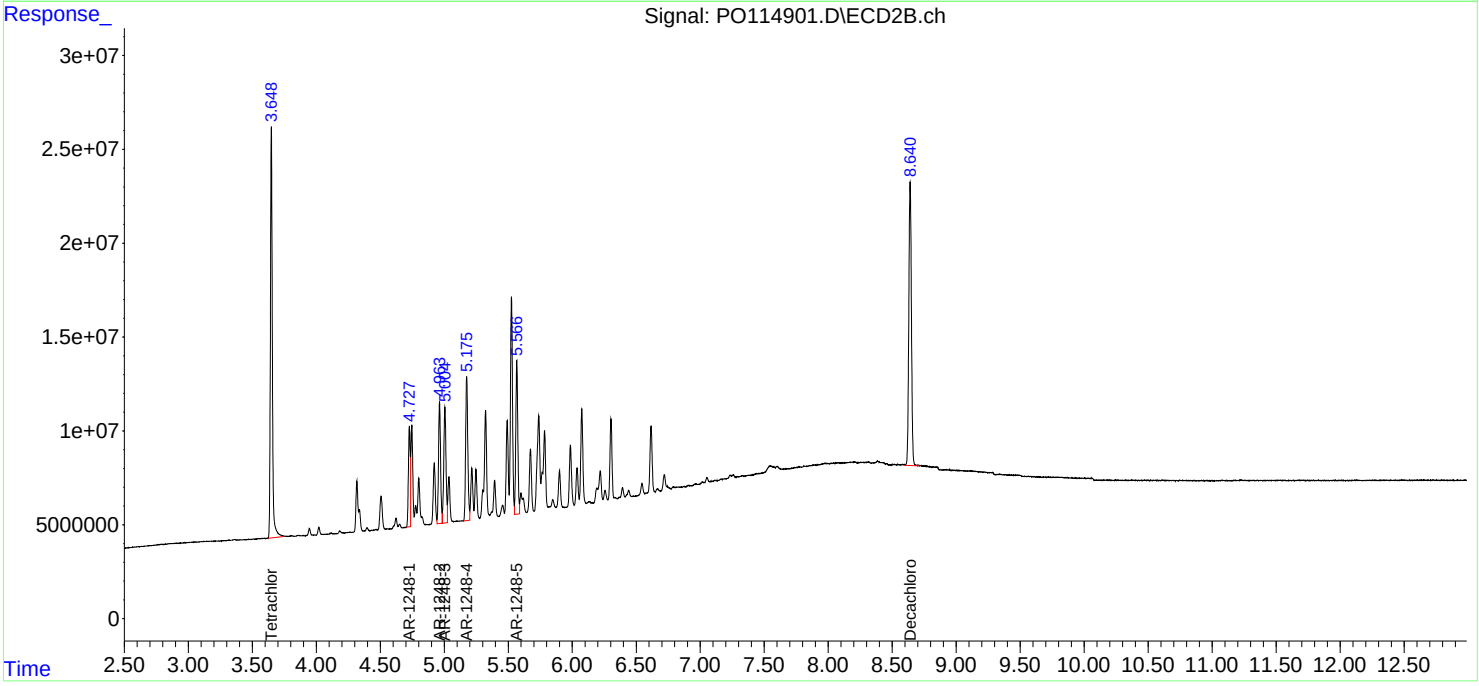
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 20:58
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

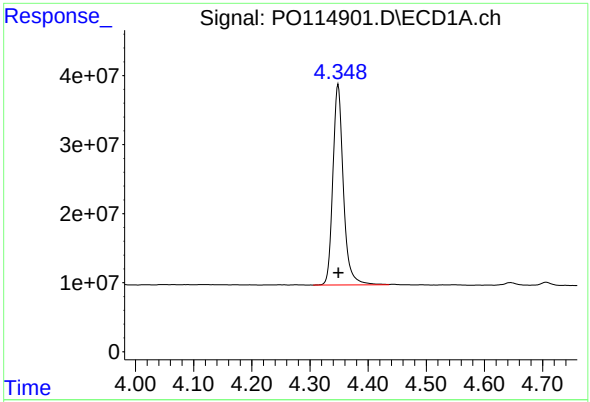
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:49:02 2025
Response via : Initial Calibration
Integrator: ChemStation

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



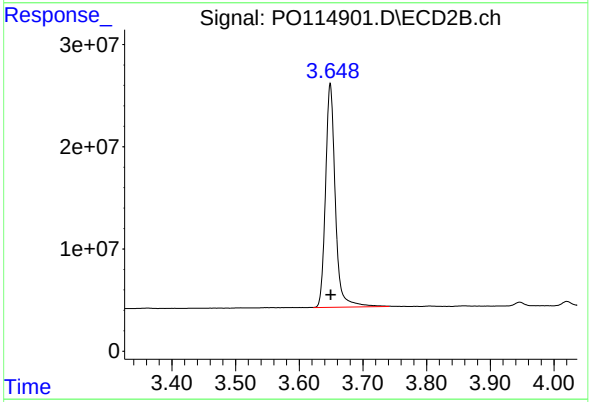




#1 Tetrachloro-m-xylene

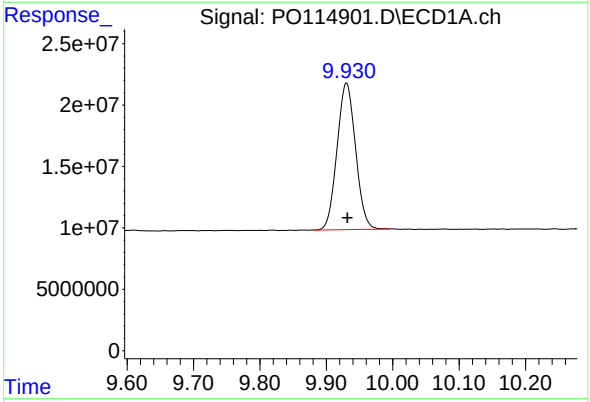
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 364435465
Conc: 49.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



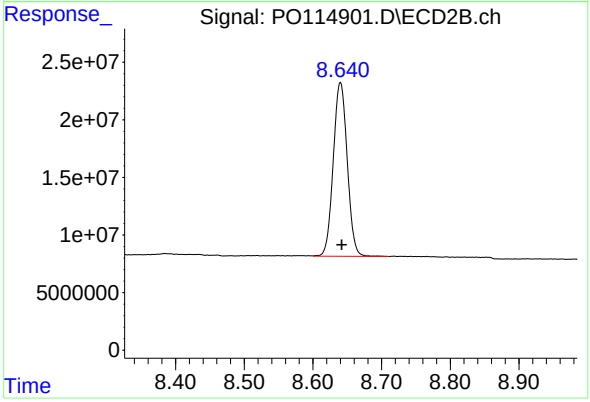
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 233535834
Conc: 48.62 ng/ml



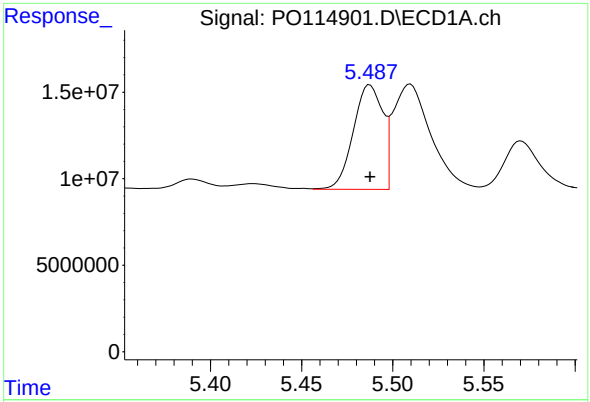
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 231042447
Conc: 50.55 ng/ml



#2 Decachlorobiphenyl

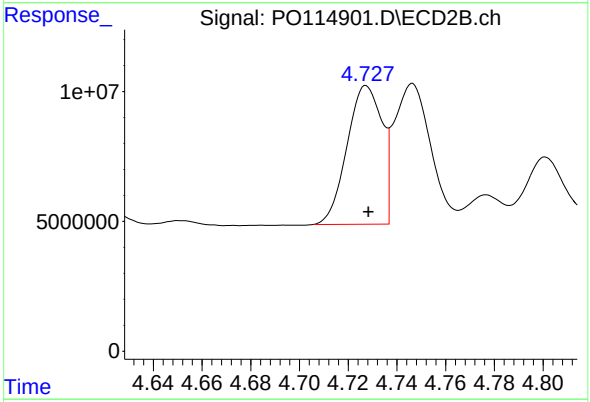
R.T.: 8.640 min
Delta R.T.: -0.002 min
Response: 213360449
Conc: 50.61 ng/ml



#21 AR-1248-1

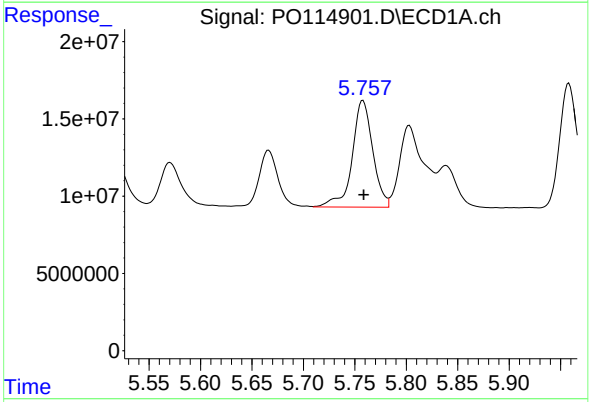
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 67941811
Conc: 485.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



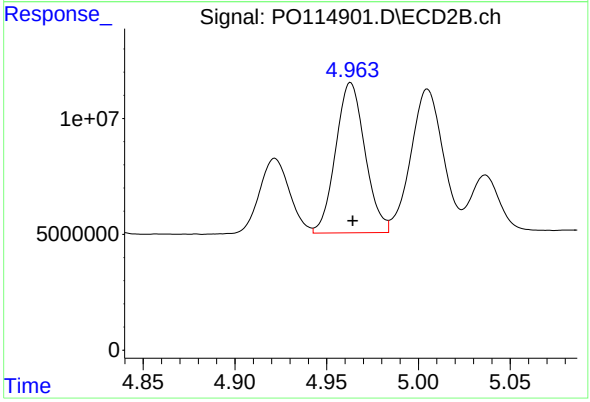
#21 AR-1248-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 53066852
Conc: 485.47 ng/ml



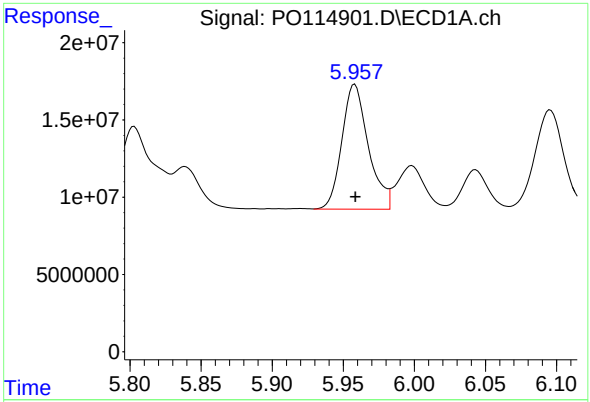
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 96189175
Conc: 494.60 ng/ml



#22 AR-1248-2

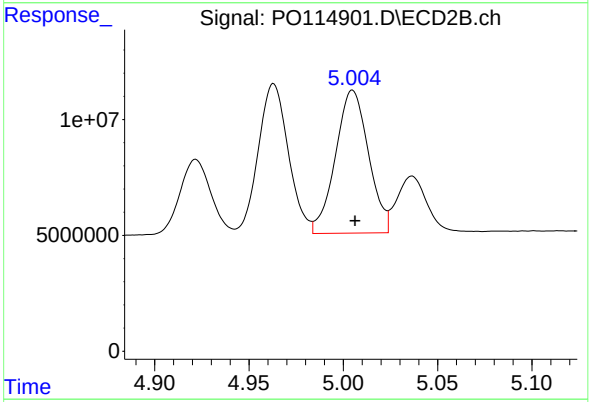
R.T.: 4.963 min
Delta R.T.: -0.001 min
Response: 72201389
Conc: 484.90 ng/ml



#23 AR-1248-3

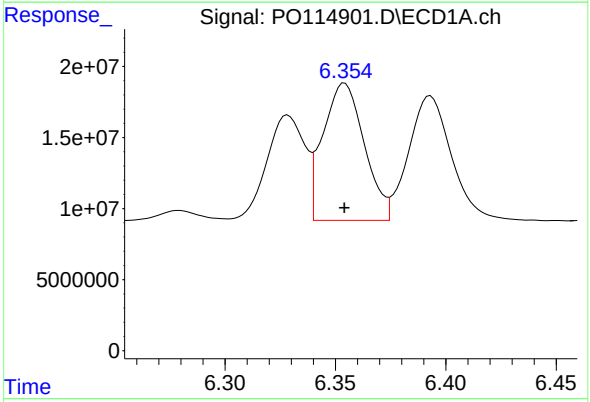
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 104836977
Conc: 497.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



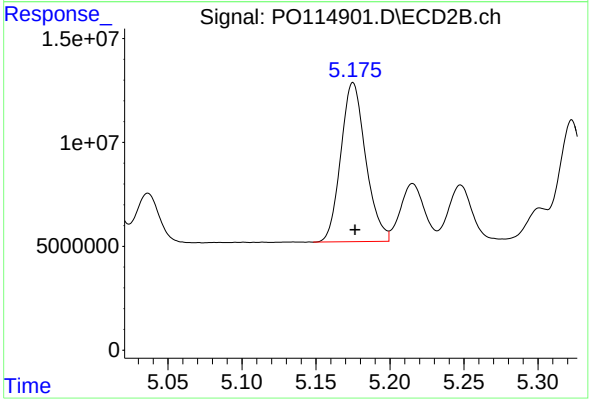
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: -0.001 min
Response: 75367544
Conc: 484.97 ng/ml



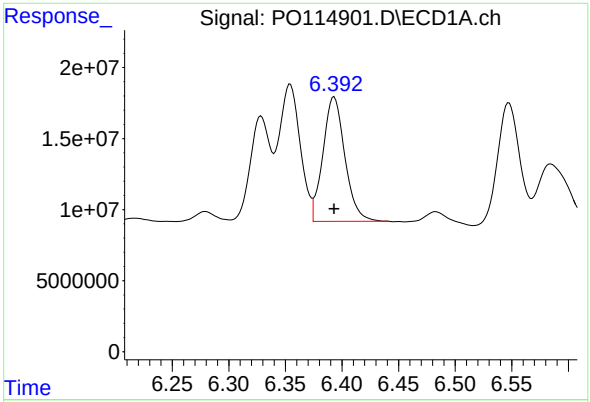
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 125740141
Conc: 497.80 ng/ml



#24 AR-1248-4

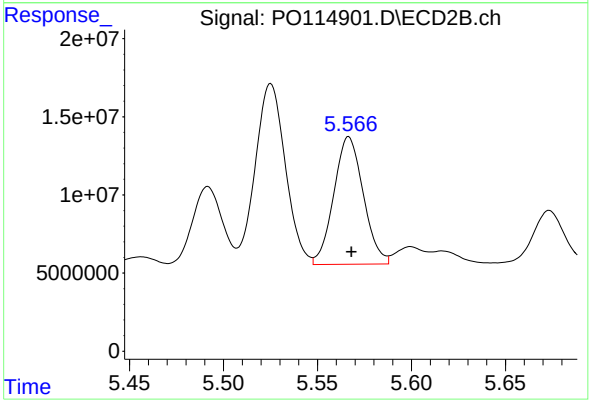
R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 89630325
Conc: 489.11 ng/ml



#25 AR-1248-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 117998212
Conc: 500.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1248



#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: -0.001 min
Response: 89347145
Conc: 484.72 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 21:35
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:47:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:47:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	365.7E6	233.3E6	48.598	47.717
2)	SA Decachlor...	9.931	8.640	237.7E6	218.5E6	49.015	49.554
	Target Compounds						
26)	L6 AR-1254-1	6.331	5.526	122.7E6	141.2E6	484.213	470.374
27)	L6 AR-1254-2	6.546	5.673	176.1E6	124.6E6	475.284	462.124
28)	L6 AR-1254-3	6.906	6.075	193.7E6	200.1E6	503.340	473.848
29)	L6 AR-1254-4	7.188	6.302	159.9E6	143.9E6	486.428	484.000
30)	L6 AR-1254-5	7.603	6.719	147.9E6	190.6E6	490.023	479.436

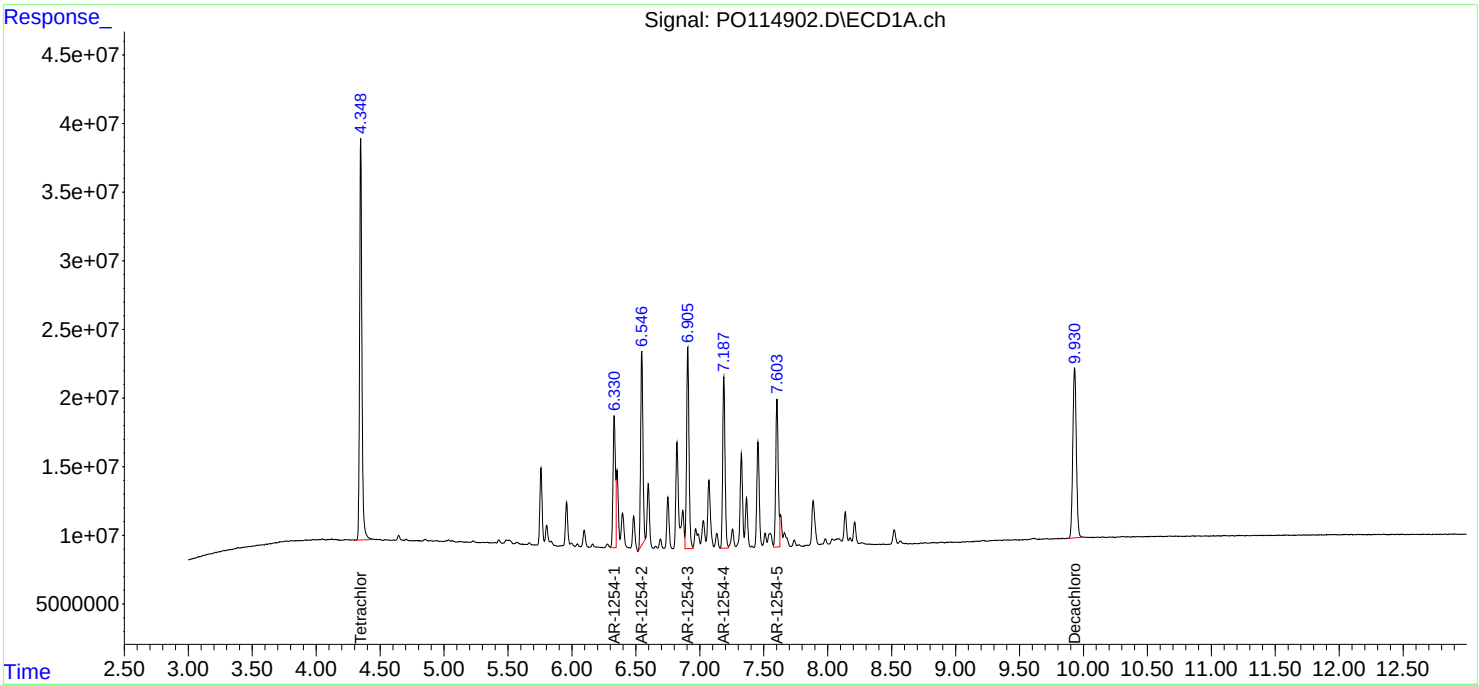
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

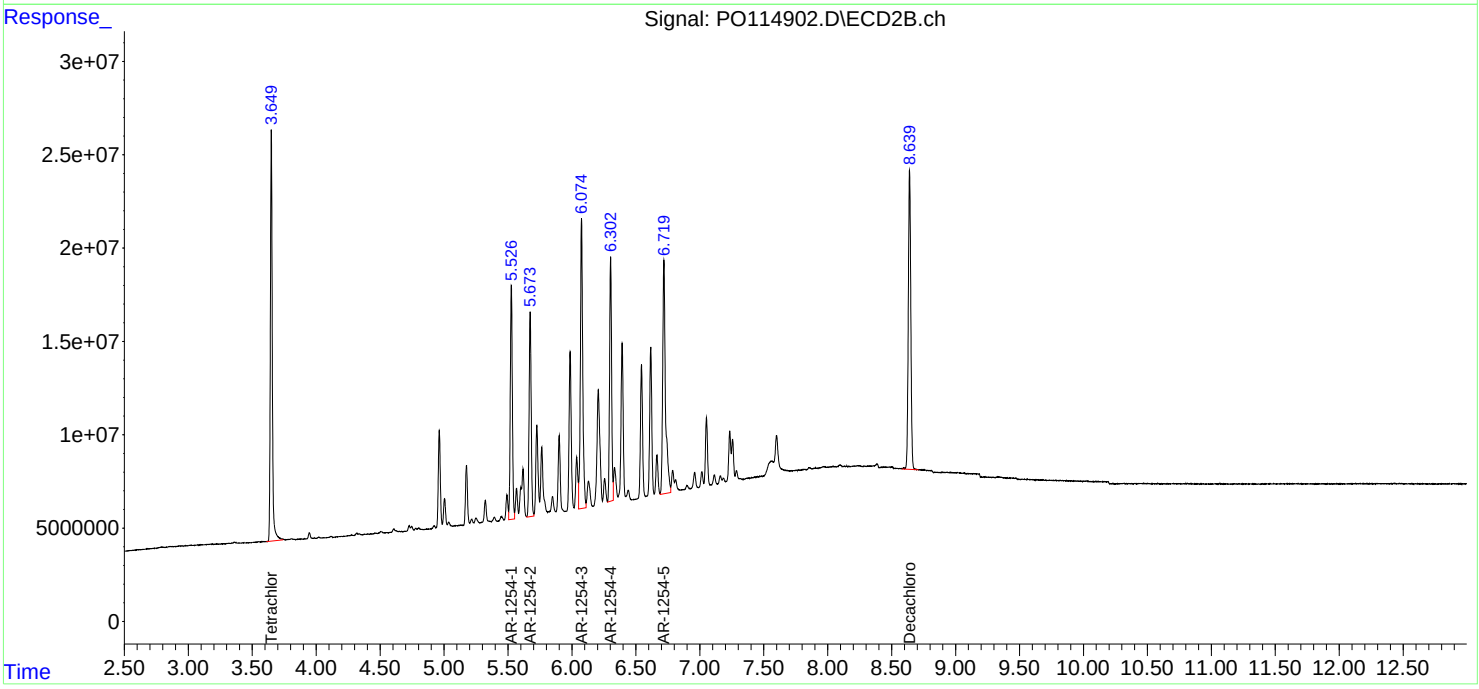
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 21:35
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

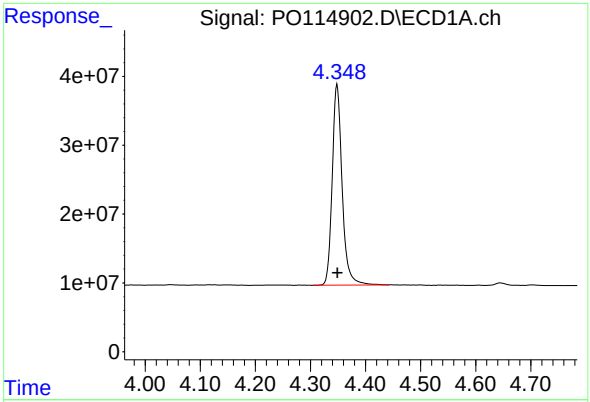
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 05:47:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 05:47:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



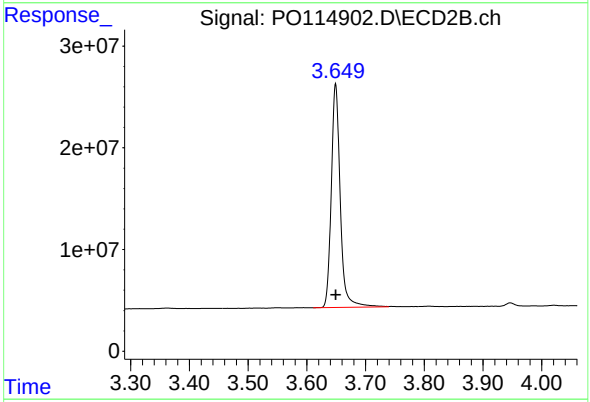




#1 Tetrachloro-m-xylene

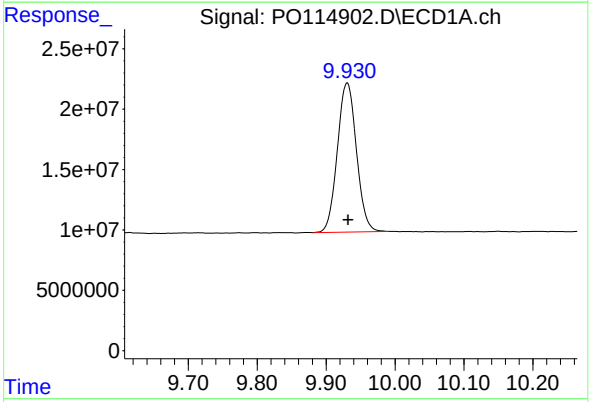
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 365740752
Conc: 48.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



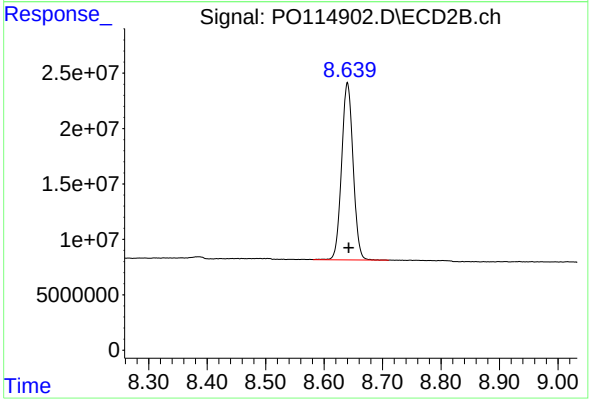
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 233257279
Conc: 47.72 ng/ml



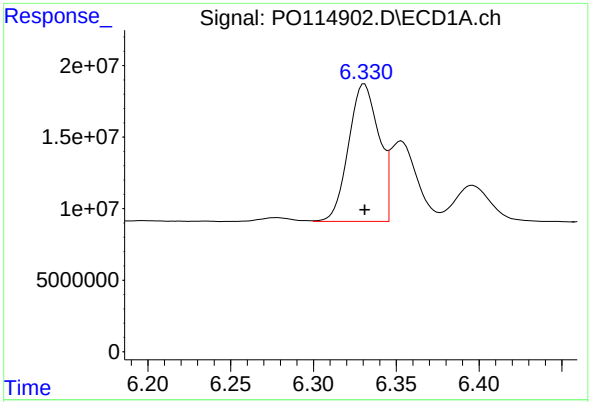
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 237660320
Conc: 49.01 ng/ml



#2 Decachlorobiphenyl

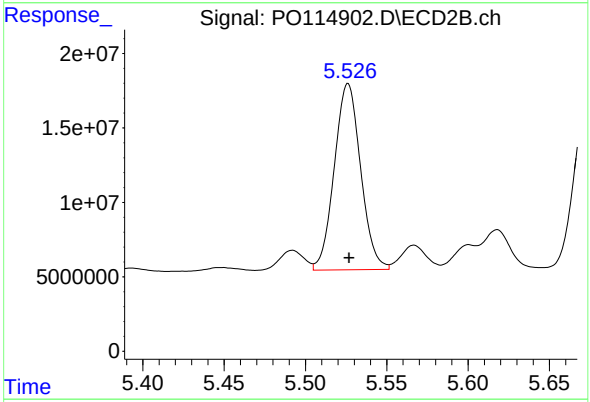
R.T.: 8.640 min
Delta R.T.: -0.002 min
Response: 218541206
Conc: 49.55 ng/ml



#26 AR-1254-1

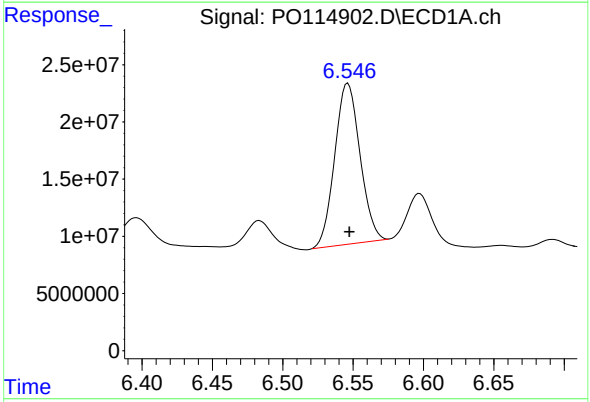
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 122713907
Conc: 484.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



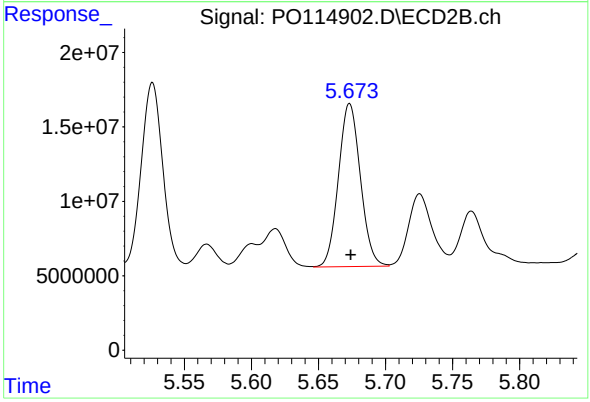
#26 AR-1254-1

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 141196876
Conc: 470.37 ng/ml



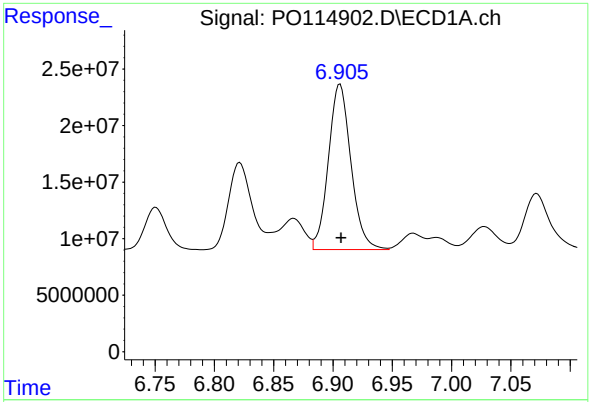
#27 AR-1254-2

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 176066475
Conc: 475.28 ng/ml



#27 AR-1254-2

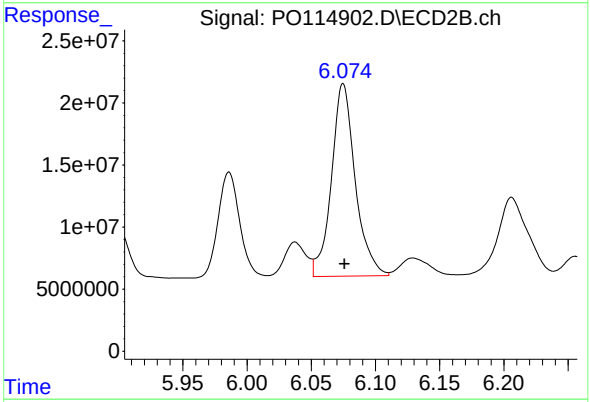
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 124592084
Conc: 462.12 ng/ml



#28 AR-1254-3

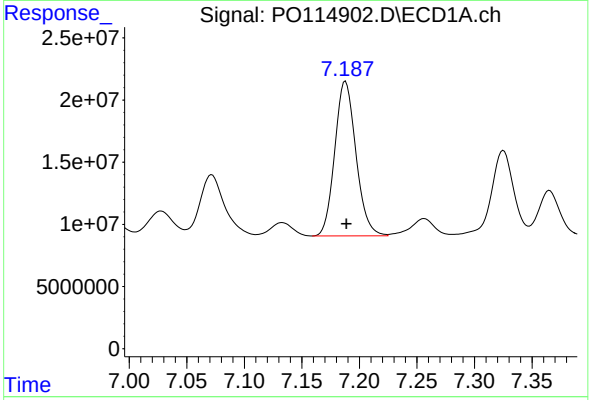
R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 193717557
Conc: 503.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



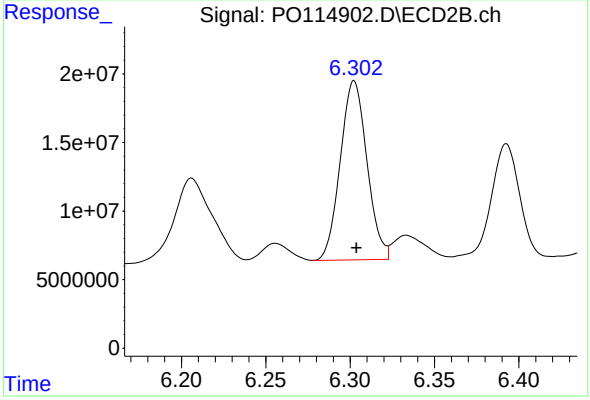
#28 AR-1254-3

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 200079895
Conc: 473.85 ng/ml



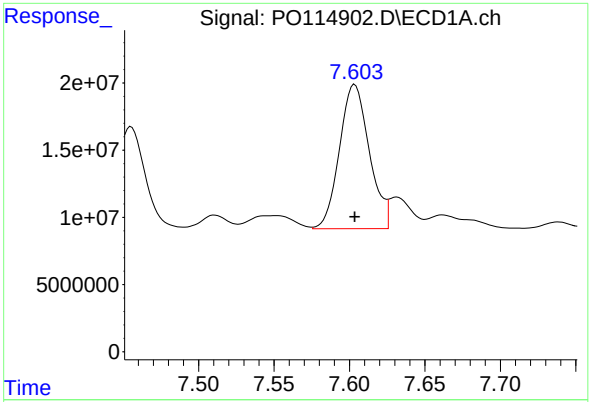
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 159896745
Conc: 486.43 ng/ml



#29 AR-1254-4

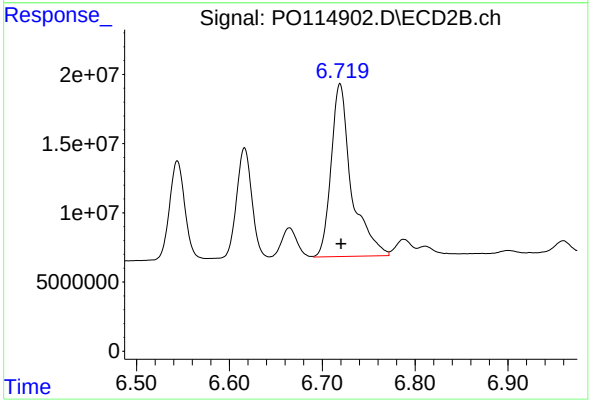
R.T.: 6.302 min
Delta R.T.: -0.001 min
Response: 143938671
Conc: 484.00 ng/ml



#30 AR-1254-5

R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 147914992
Conc: 490.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1254



#30 AR-1254-5

R.T.: 6.719 min
Delta R.T.: -0.001 min
Response: 190588271
Conc: 479.44 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 22:12
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:39:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:38:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.347	3.647	376.8E6	240.7E6	50.252	49.688
2)	SA Decachlor...	9.929	8.640	416.0E6	381.0E6	50.328	49.259
	Target Compounds						
41)	L9 AR-1268-1	8.509	7.541	437.5E6	476.9E6	502.163	488.581
42)	L9 AR-1268-2	8.599	7.605	374.7E6	393.6E6	501.949	494.742
43)	L9 AR-1268-3	8.819	7.814	331.8E6	336.4E6	502.049	497.748
44)	L9 AR-1268-4	9.214	8.096	138.2E6	136.4E6	492.596	495.687
45)	L9 AR-1268-5	9.608	8.385	968.0E6	889.7E6	499.171	498.578

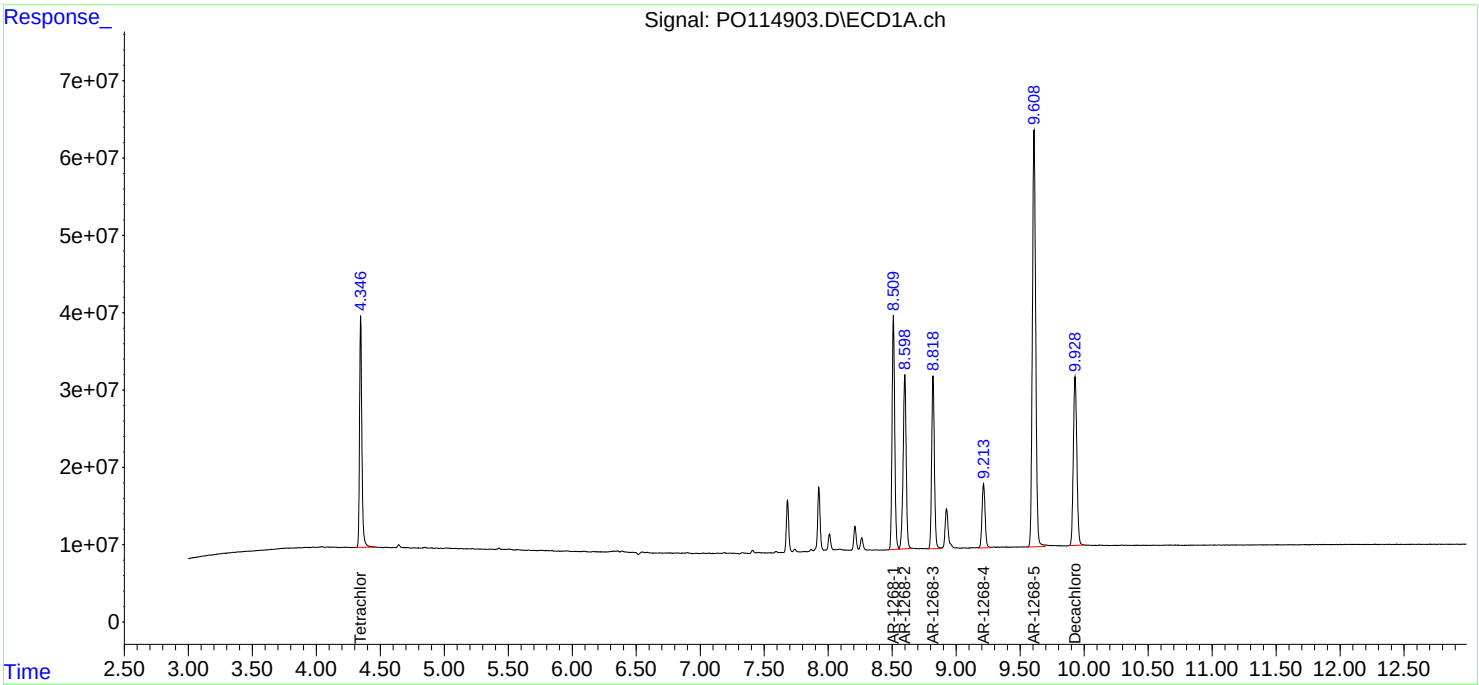
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

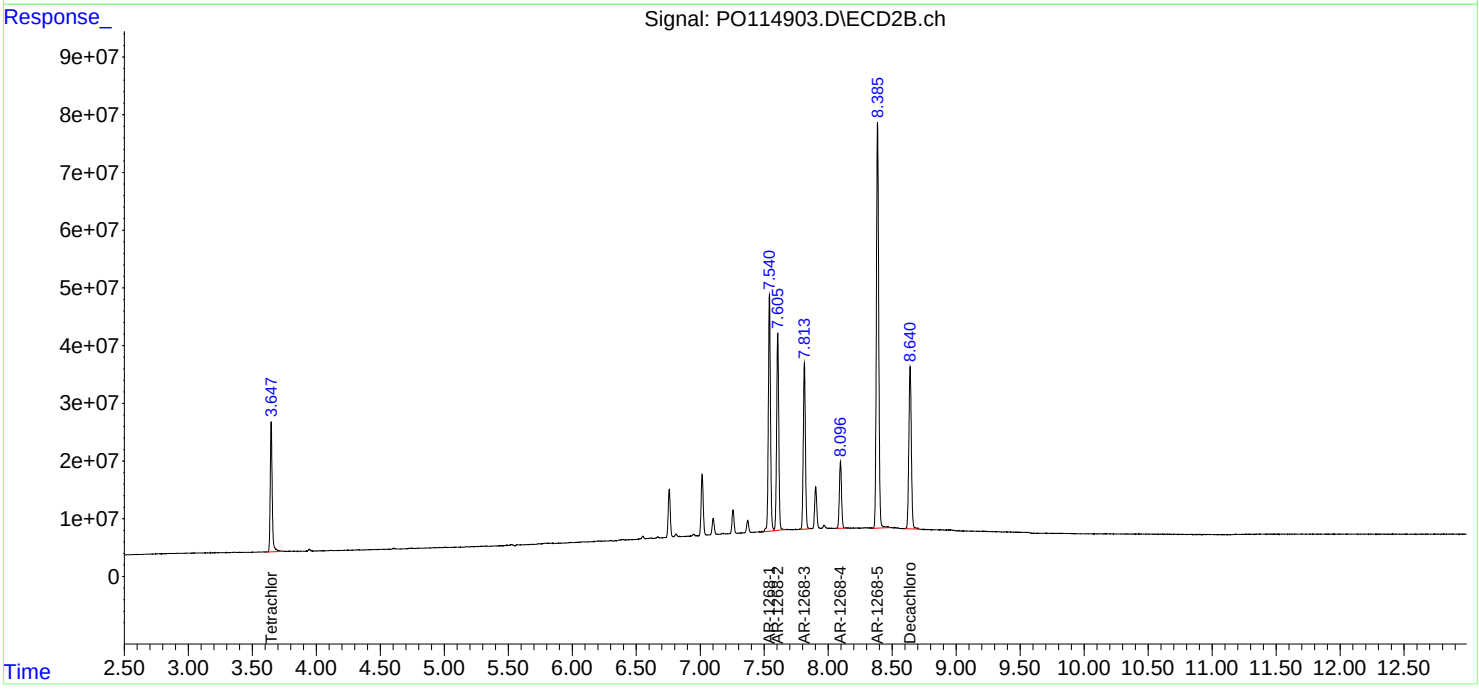
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 22:12
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

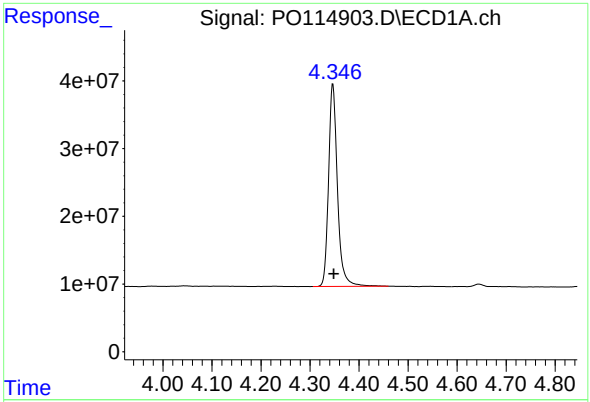
Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 01:39:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 01:38:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



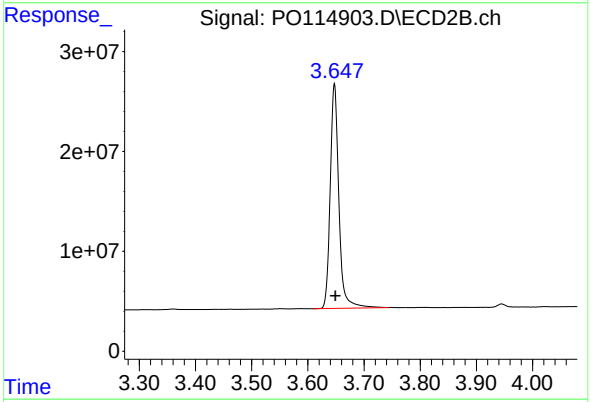




#1 Tetrachloro-m-xylene

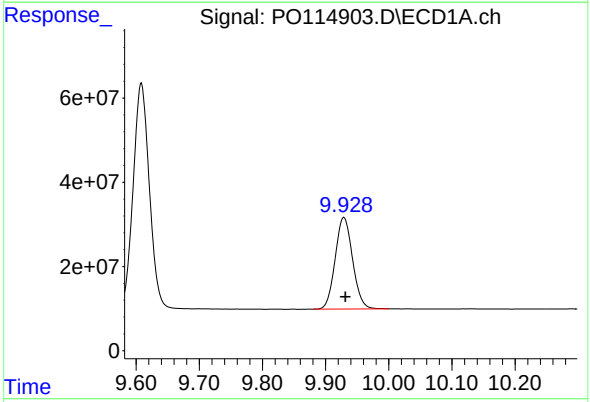
R.T.: 4.347 min
Delta R.T.: -0.001 min
Response: 376753838
Conc: 50.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



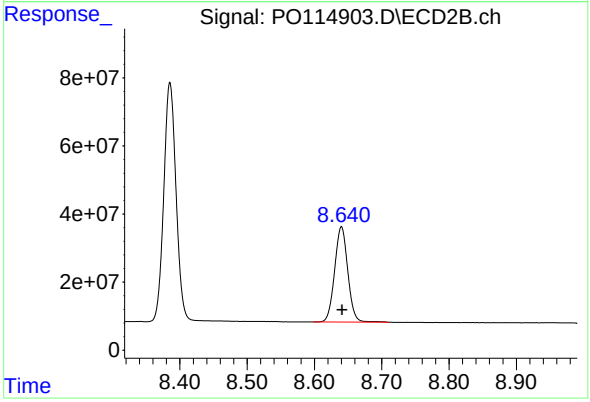
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 240662050
Conc: 49.69 ng/ml



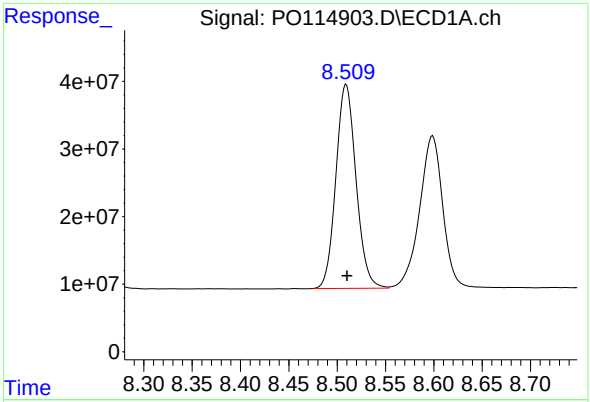
#2 Decachlorobiphenyl

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 416020793
Conc: 50.33 ng/ml



#2 Decachlorobiphenyl

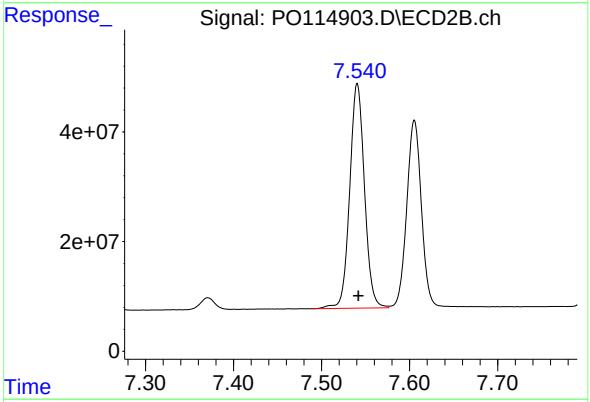
R.T.: 8.640 min
Delta R.T.: 0.000 min
Response: 381040540
Conc: 49.26 ng/ml



#41 AR-1268-1

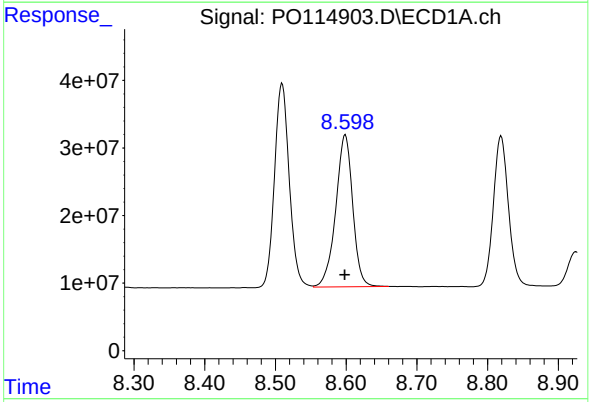
R.T.: 8.509 min
Delta R.T.: 0.000 min
Response: 437492291
Conc: 502.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



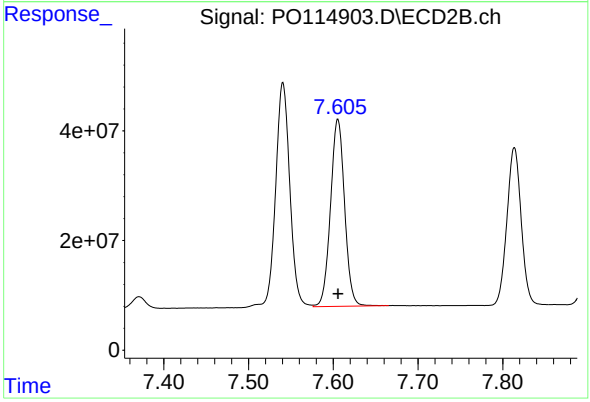
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 476916644
Conc: 488.58 ng/ml



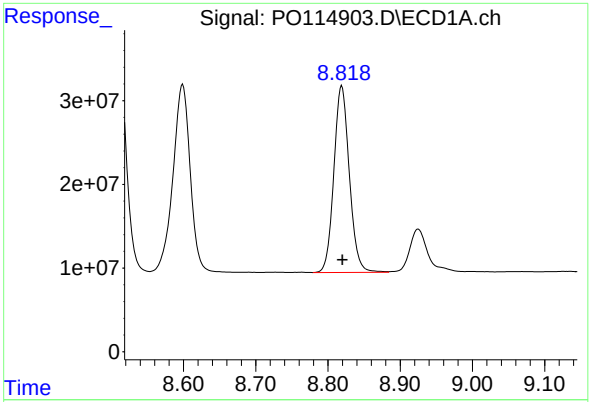
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 374746813
Conc: 501.95 ng/ml



#42 AR-1268-2

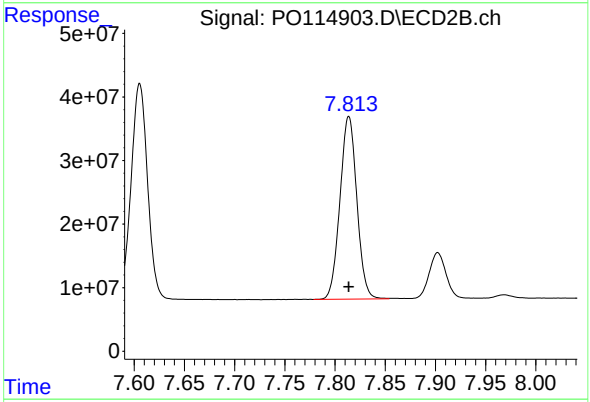
R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 393633612
Conc: 494.74 ng/ml



#43 AR-1268-3

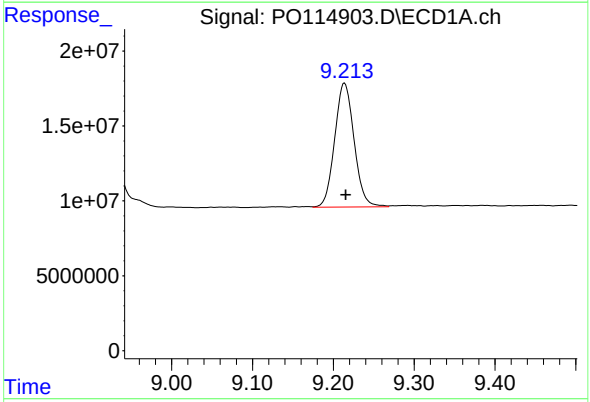
R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 331834539
Conc: 502.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



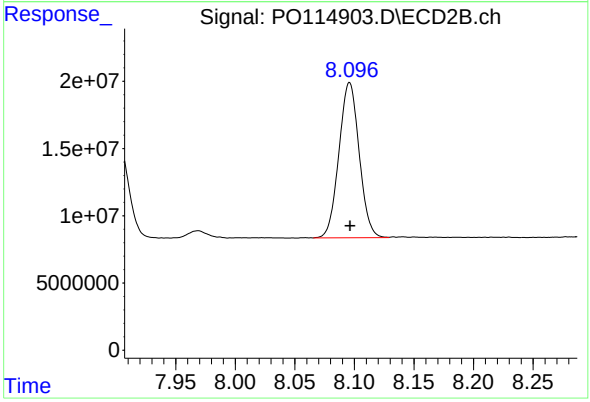
#43 AR-1268-3

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 336364126
Conc: 497.75 ng/ml



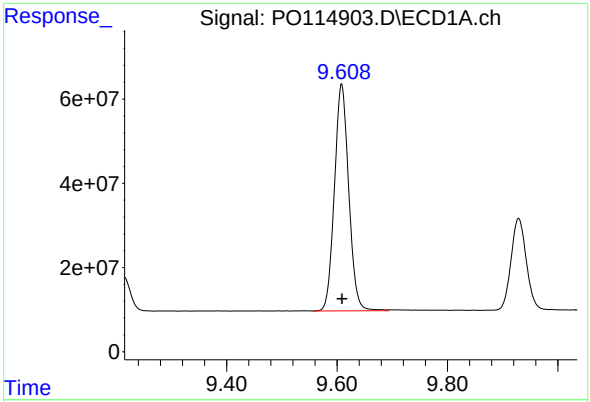
#44 AR-1268-4

R.T.: 9.214 min
Delta R.T.: -0.002 min
Response: 138219270
Conc: 492.60 ng/ml



#44 AR-1268-4

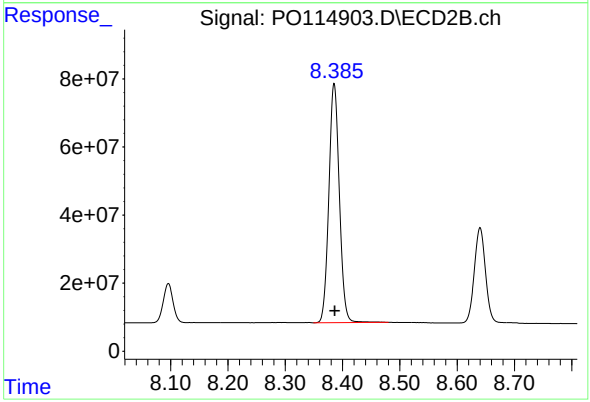
R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 136446175
Conc: 495.69 ng/ml



#45 AR-1268-5

R.T.: 9.608 min
Delta R.T.: 0.000 min
Response: 967988594
Conc: 499.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO110425AR1268



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: -0.001 min
Response: 889727718
Conc: 498.58 ng/ml

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

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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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

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

Alliance TECHNICAL GROUP
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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR16
SDG NO.: Q3693
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.: Q3693
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.:** Q3693

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.:** Q3693

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

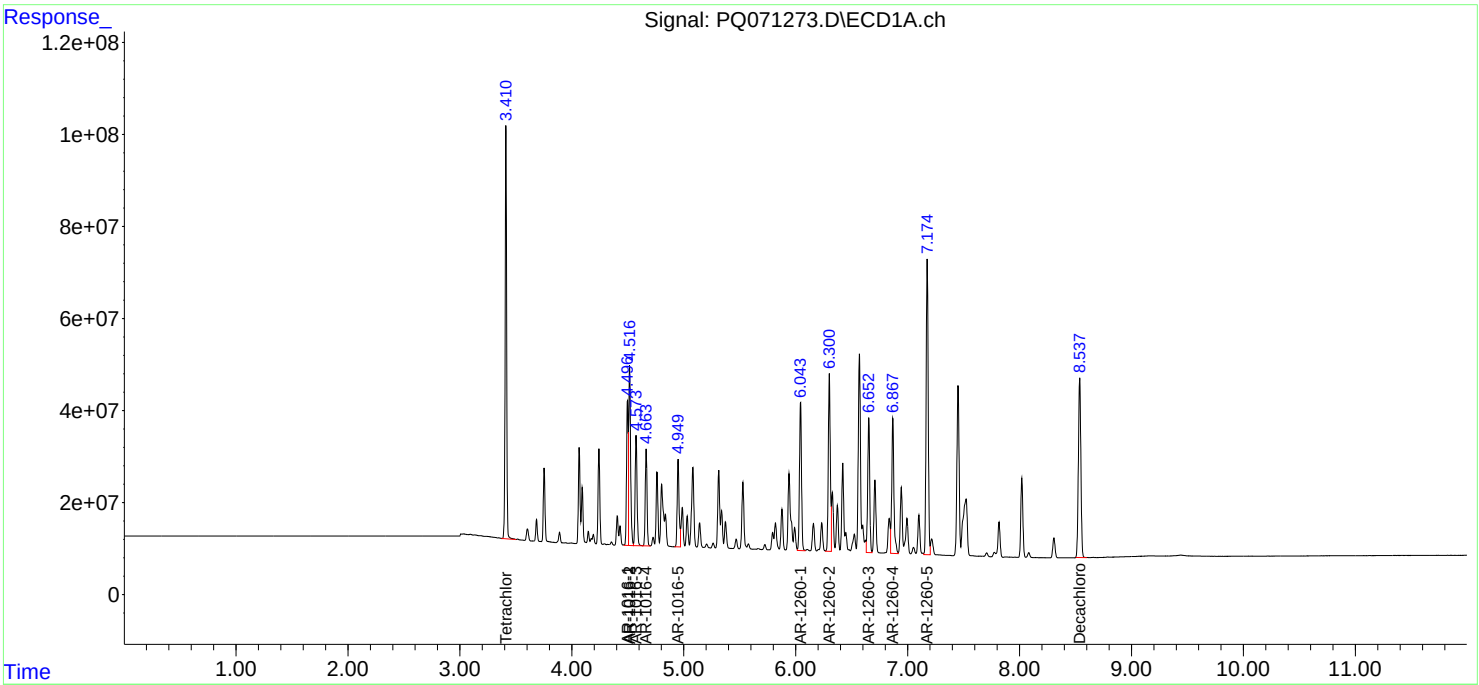
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

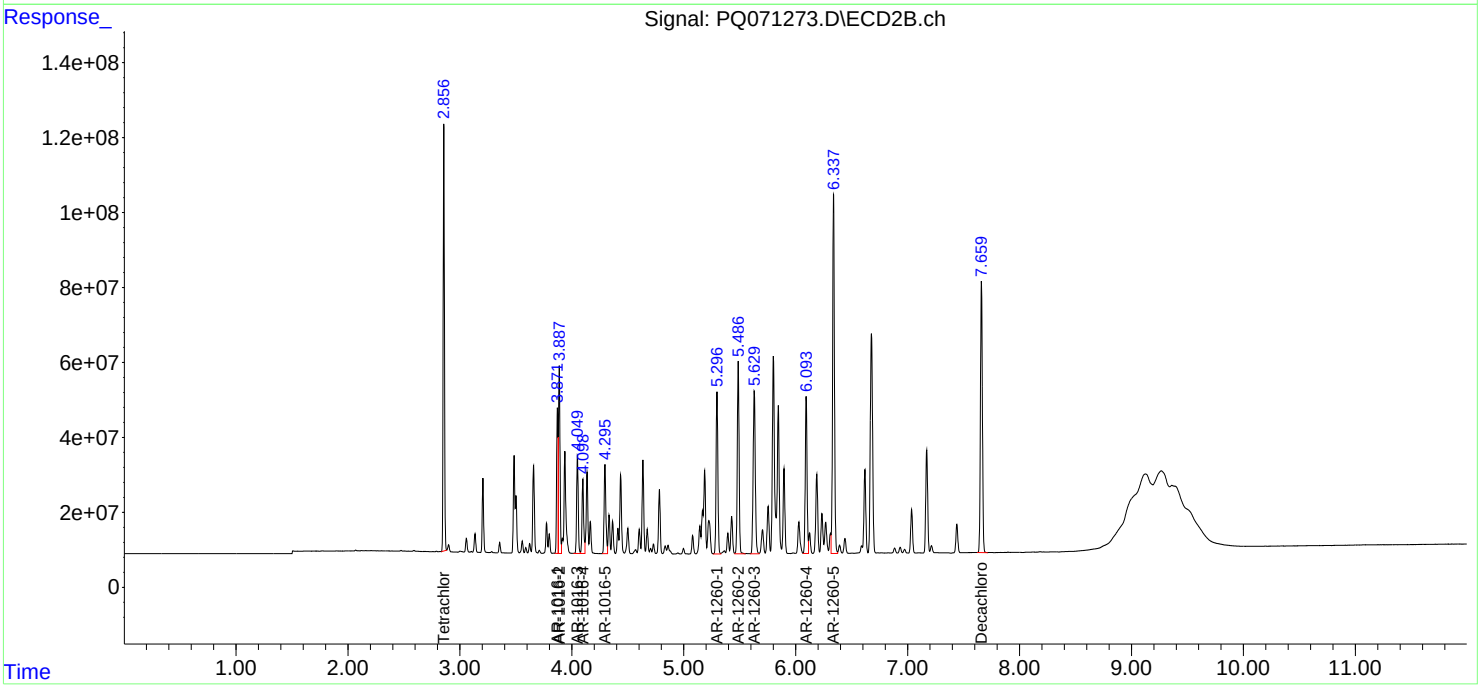
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:13
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 101 Sample Multiplier: 1

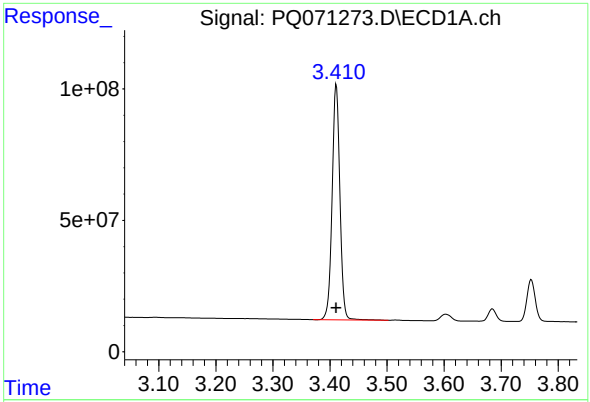
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

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



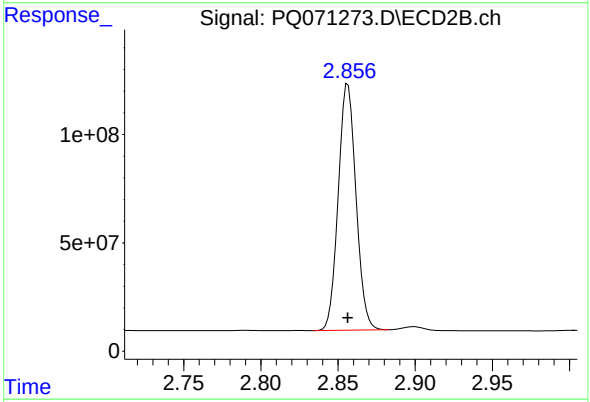




#1 Tetrachloro-m-xylene

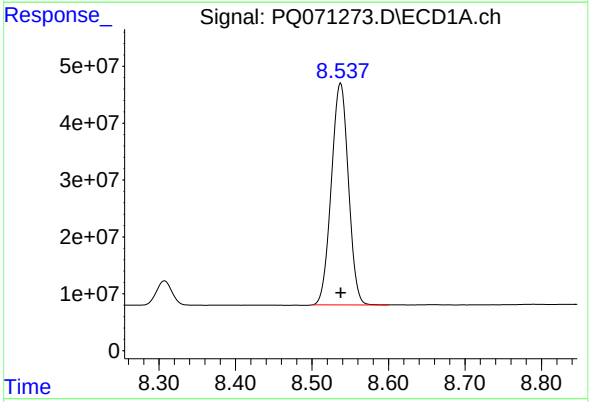
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 854600646
Conc: 97.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



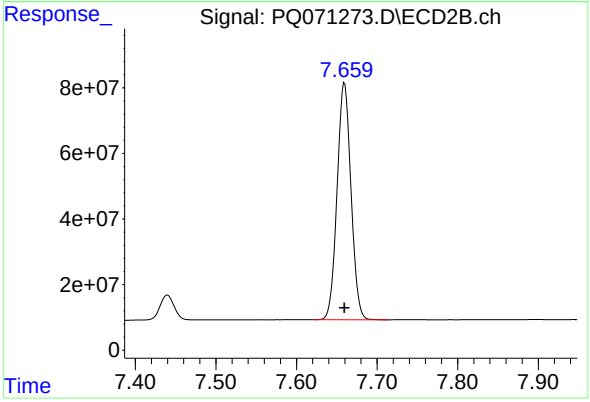
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 908420826
Conc: 97.38 ng/ml



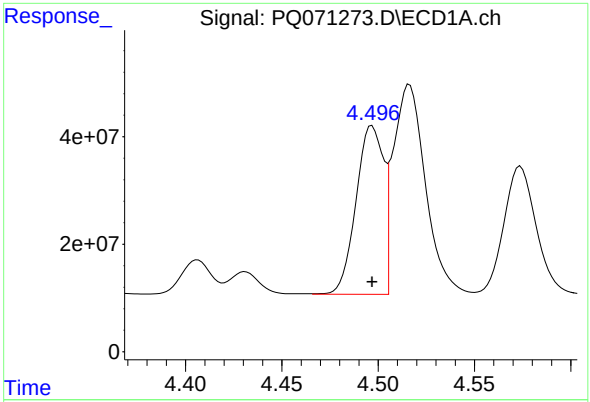
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 603088038
Conc: 98.95 ng/ml



#2 Decachlorobiphenyl

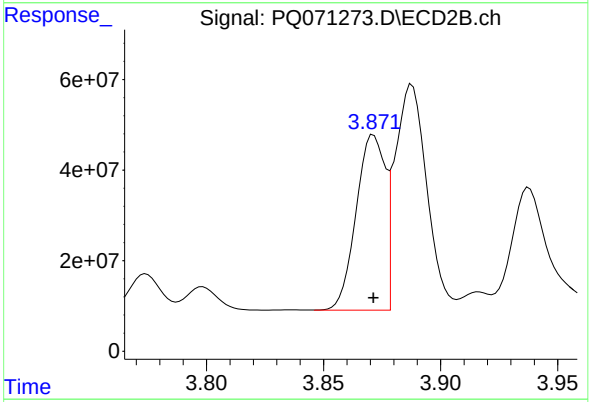
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 866333466
Conc: 96.27 ng/ml



#3 AR-1016-1

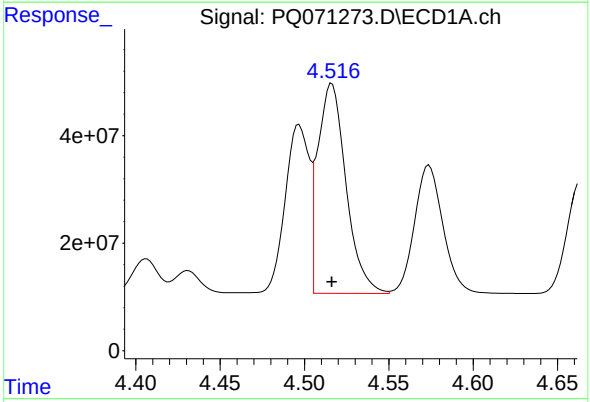
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 311209443
Conc: 963.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



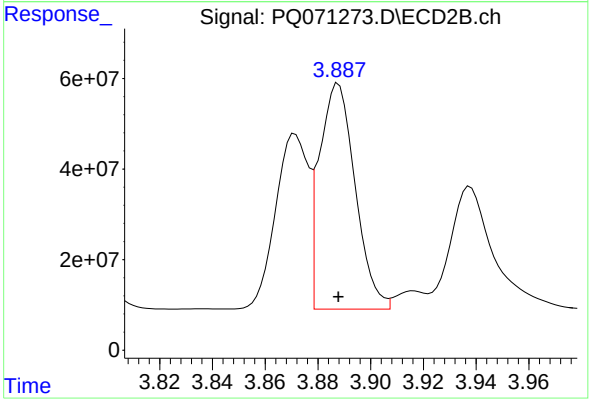
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 332630983
Conc: 953.30 ng/ml



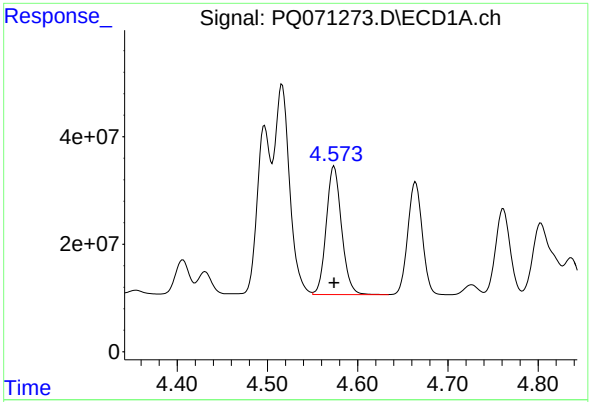
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 454956483
Conc: 964.74 ng/ml



#4 AR-1016-2

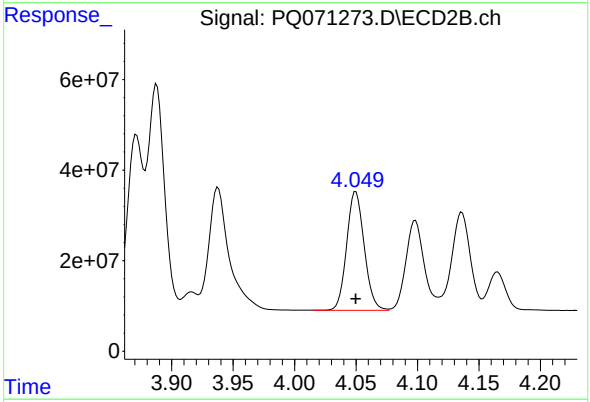
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 469915964
Conc: 960.09 ng/ml



#5 AR-1016-3

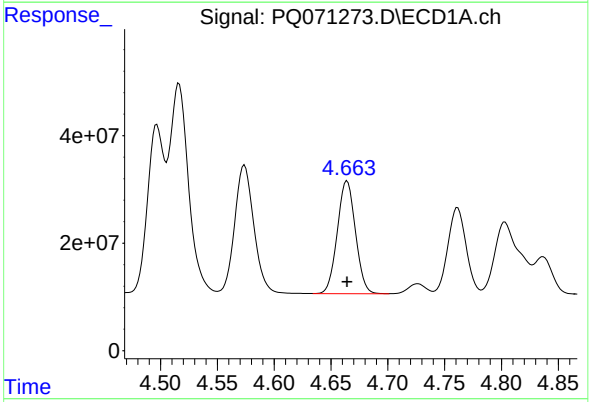
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 281433085
Conc: 958.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



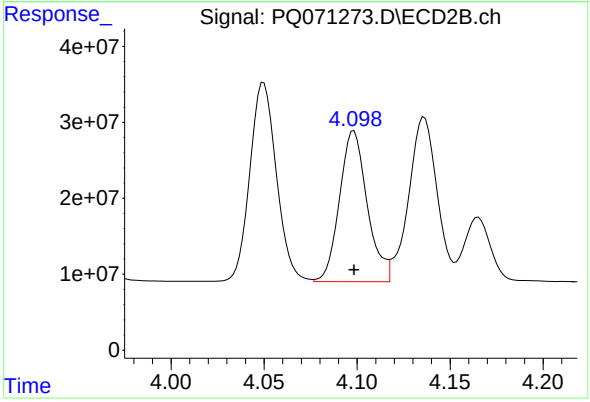
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 261212829
Conc: 961.03 ng/ml



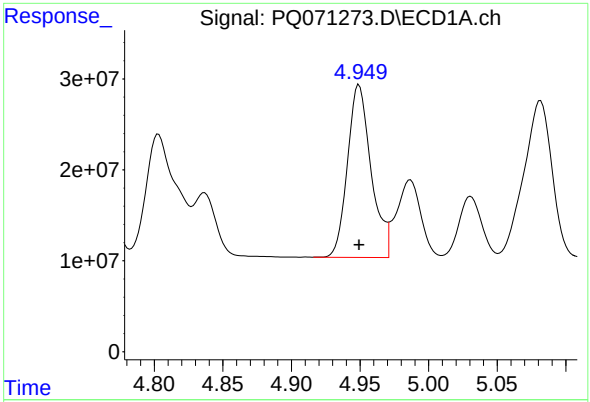
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 234302490
Conc: 960.71 ng/ml



#6 AR-1016-4

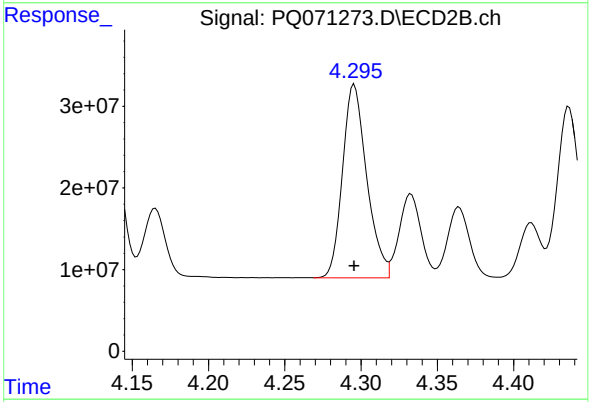
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 206335378
Conc: 954.98 ng/ml



#7 AR-1016-5

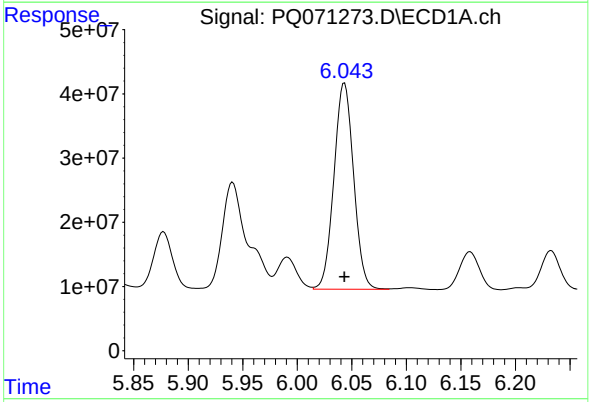
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 227588399
Conc: 963.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



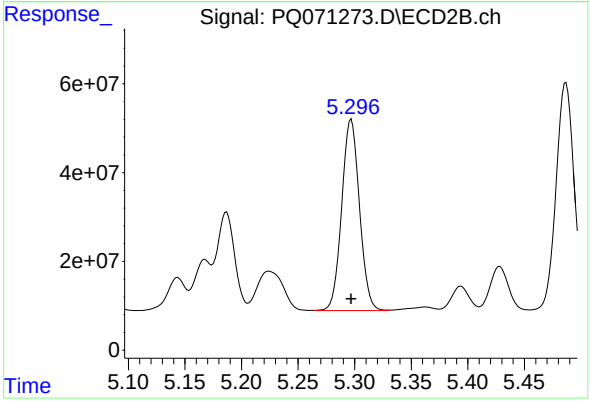
#7 AR-1016-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 261975238
Conc: 954.20 ng/ml



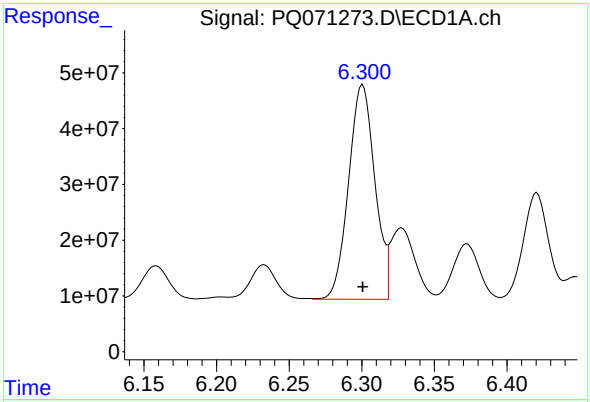
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 403697389
Conc: 966.68 ng/ml



#31 AR-1260-1

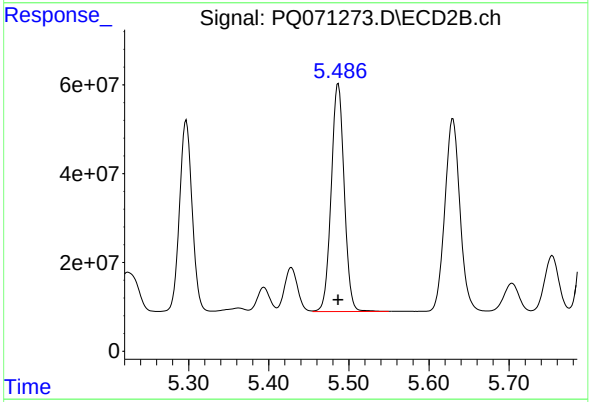
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 470834211
Conc: 963.45 ng/ml



#32 AR-1260-2

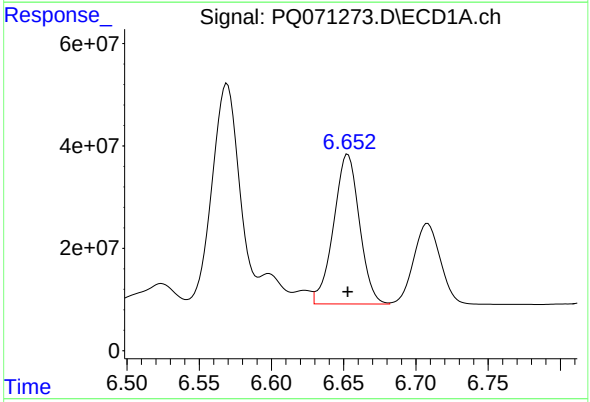
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 484063668
Conc: 966.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



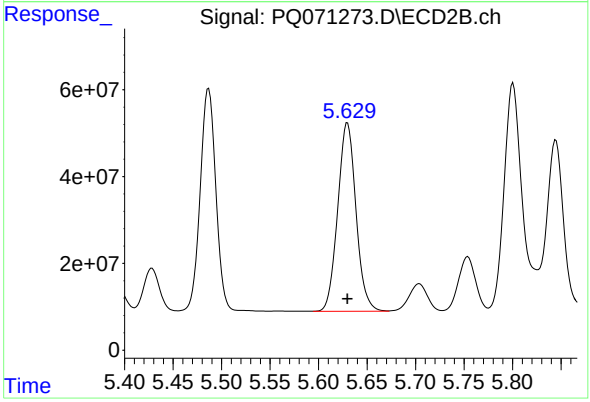
#32 AR-1260-2

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 578885125
Conc: 962.07 ng/ml



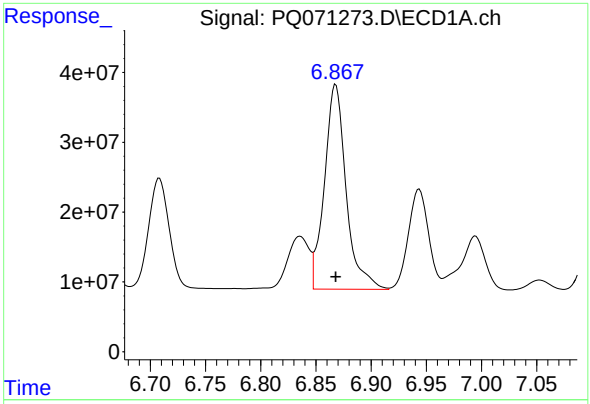
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 363748675
Conc: 967.80 ng/ml



#33 AR-1260-3

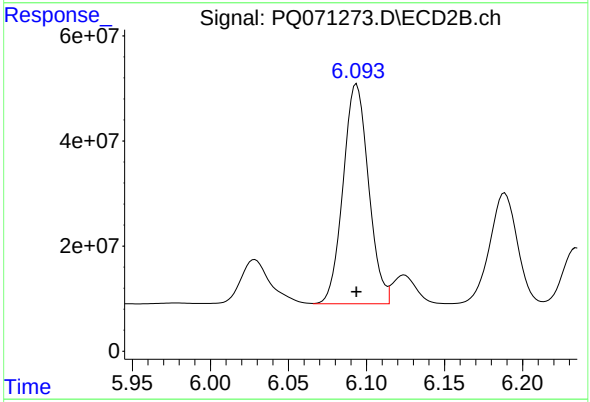
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 569533507
Conc: 973.28 ng/ml



#34 AR-1260-4

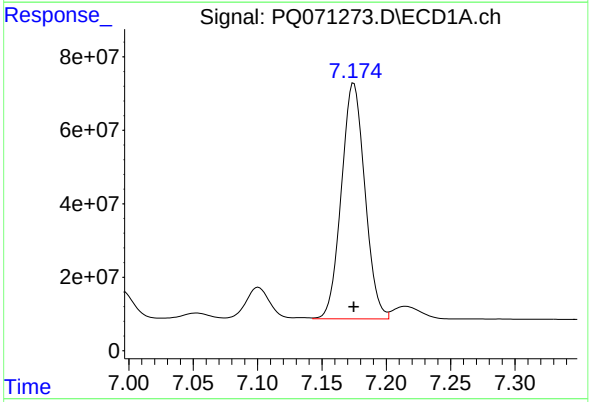
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 401463798
Conc: 970.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



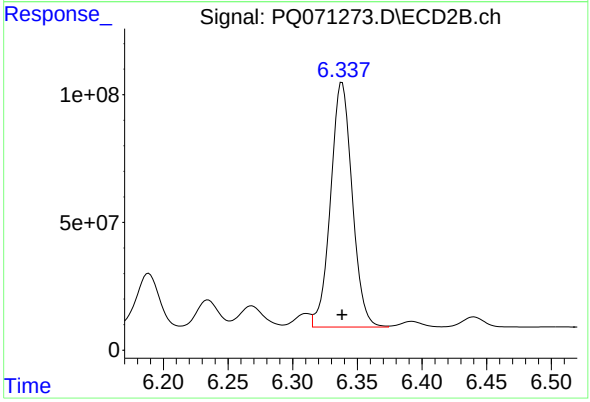
#34 AR-1260-4

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

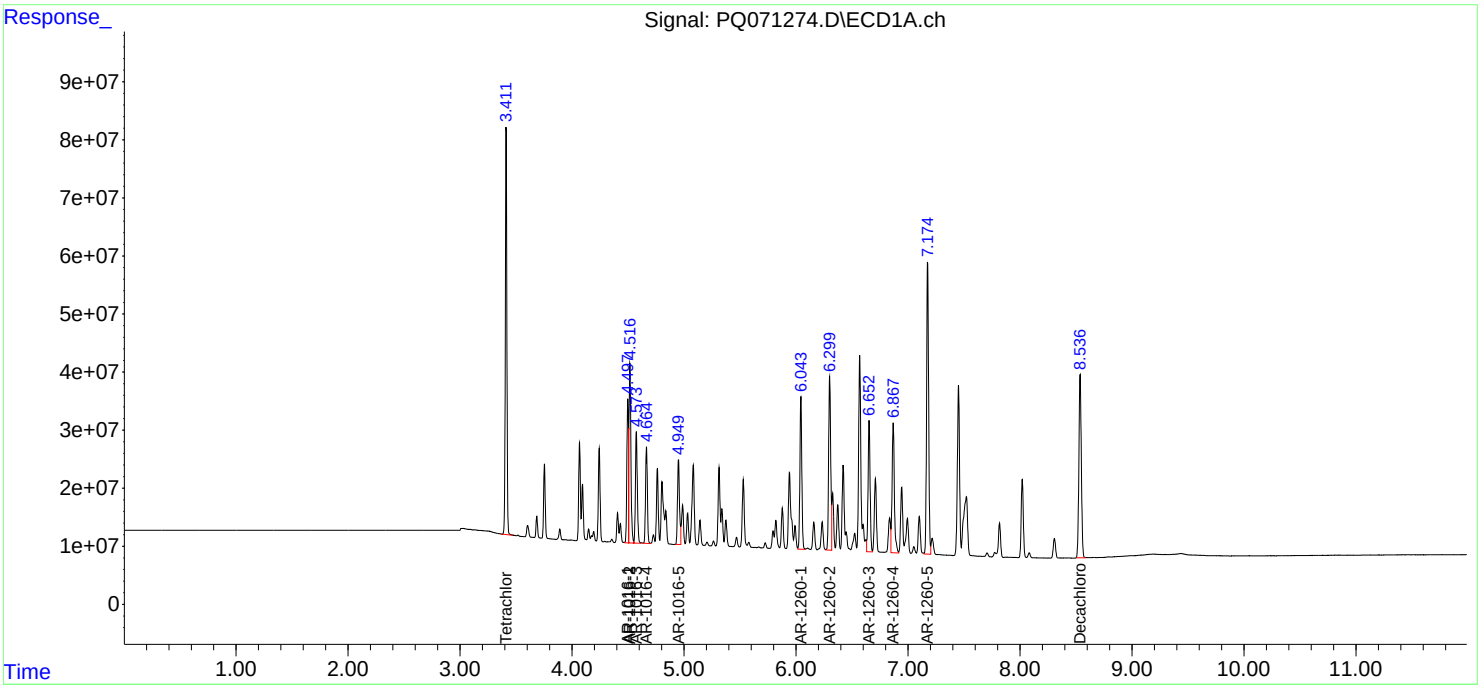
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

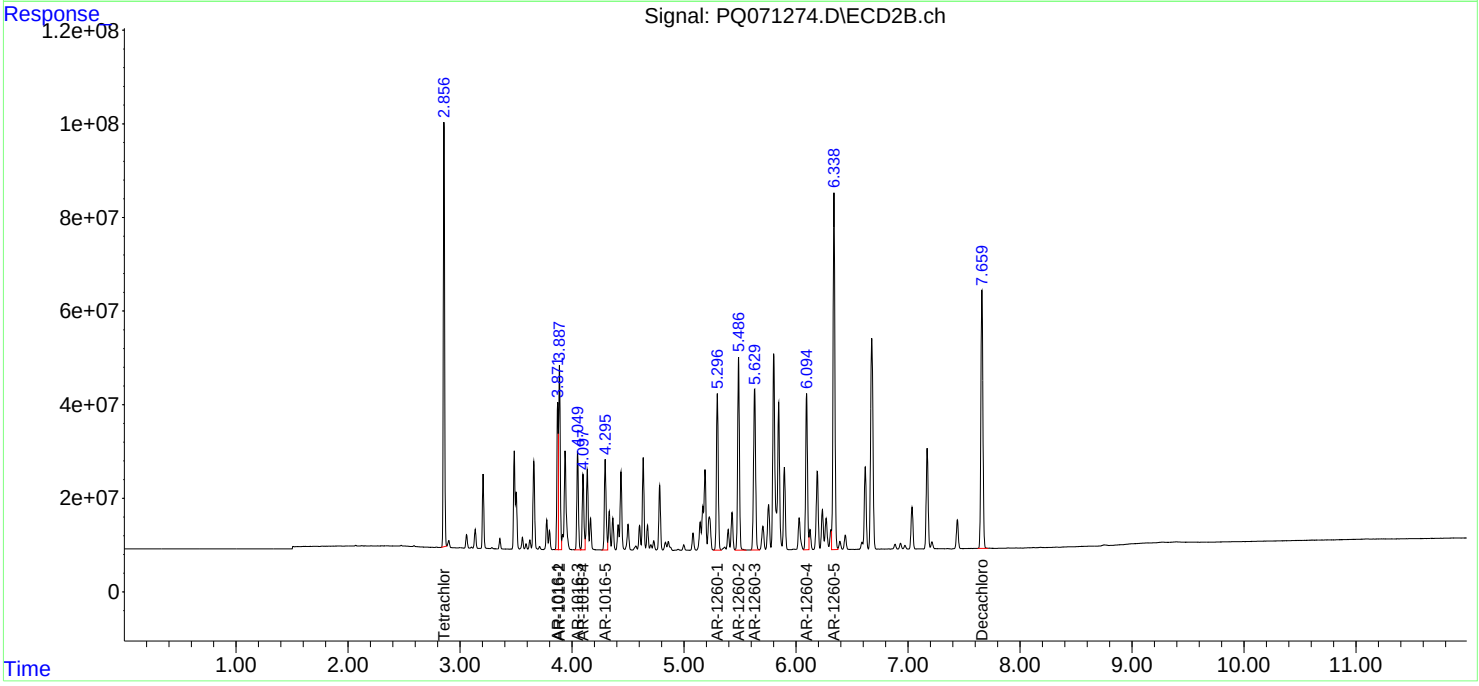
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:28
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 102 Sample Multiplier: 1

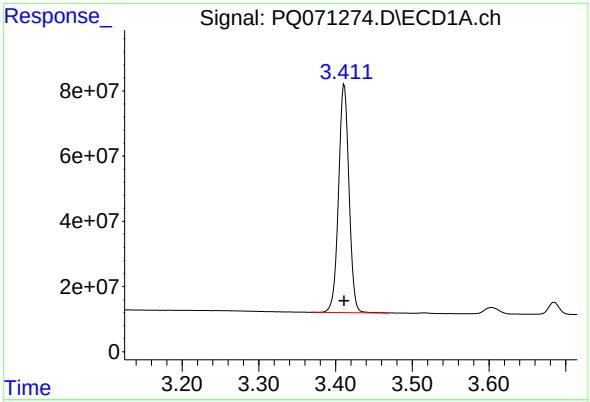
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

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



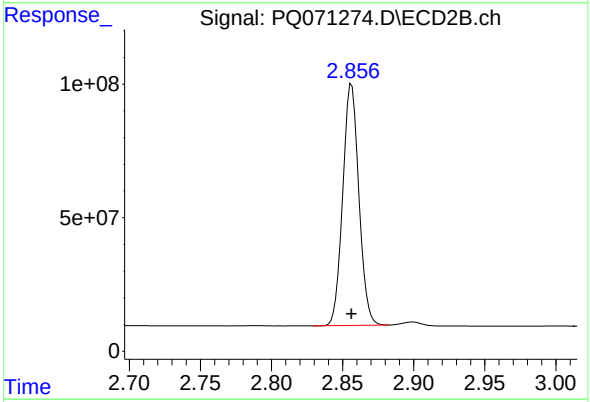




#1 Tetrachloro-m-xylene

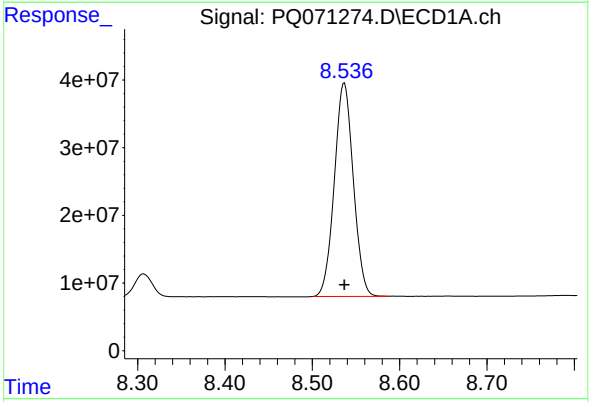
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 664366938
Conc: 75.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



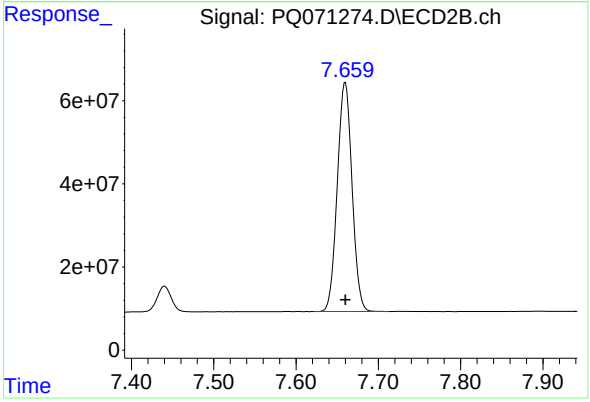
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 715639489
Conc: 76.13 ng/ml



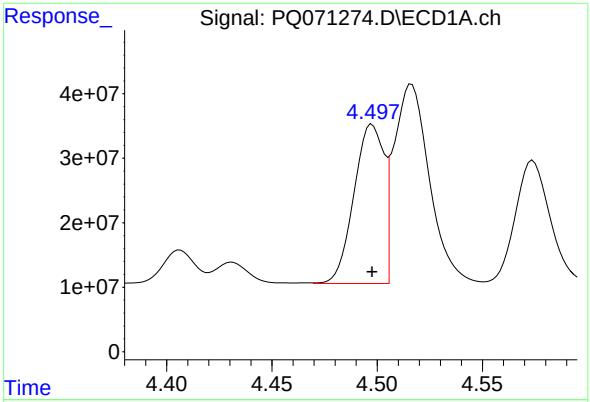
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 476415240
Conc: 77.08 ng/ml



#2 Decachlorobiphenyl

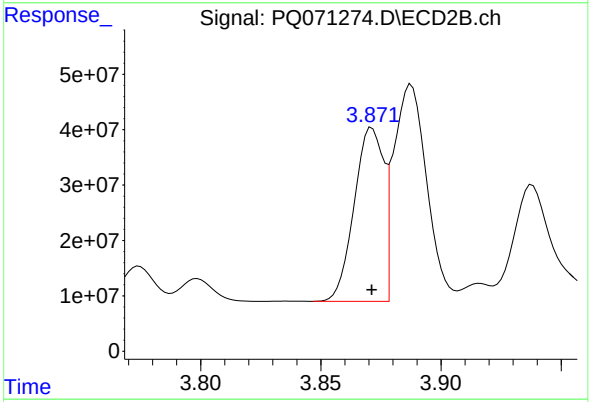
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 687999853
Conc: 75.96 ng/ml



#3 AR-1016-1

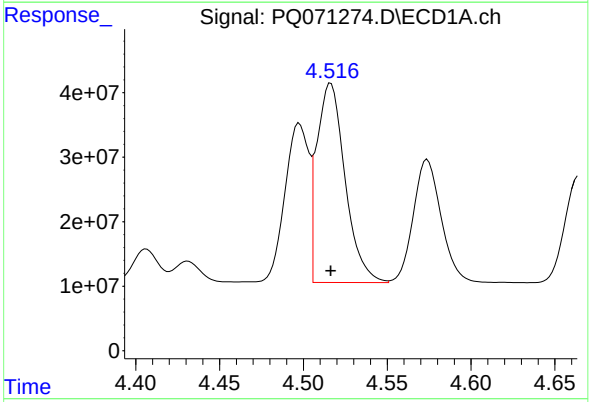
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 243979807
Conc: 753.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



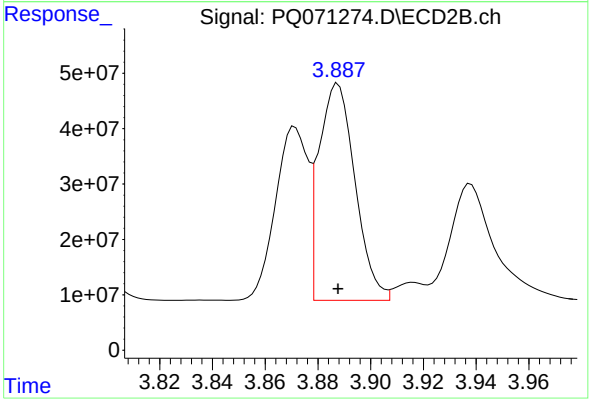
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 267158633
Conc: 760.37 ng/ml



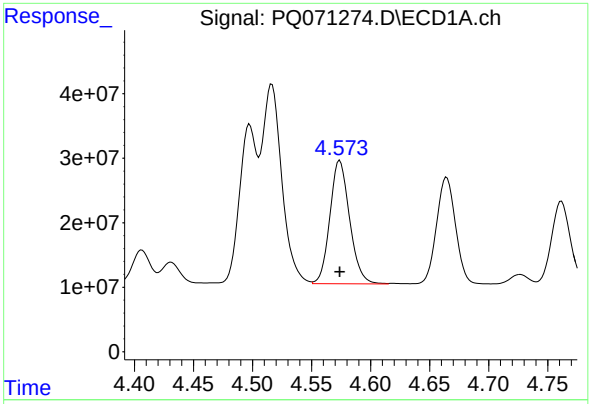
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 362713433
Conc: 762.65 ng/ml



#4 AR-1016-2

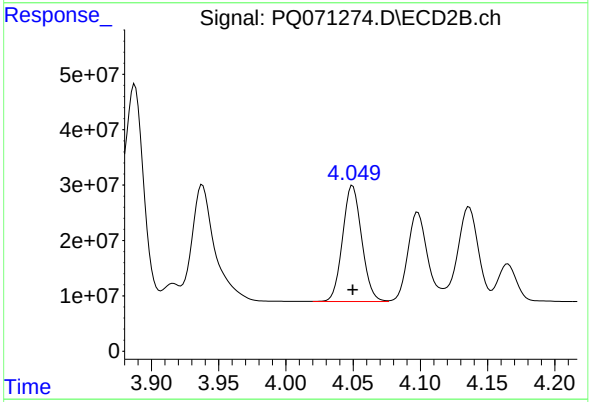
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 373833826
Conc: 759.13 ng/ml



#5 AR-1016-3

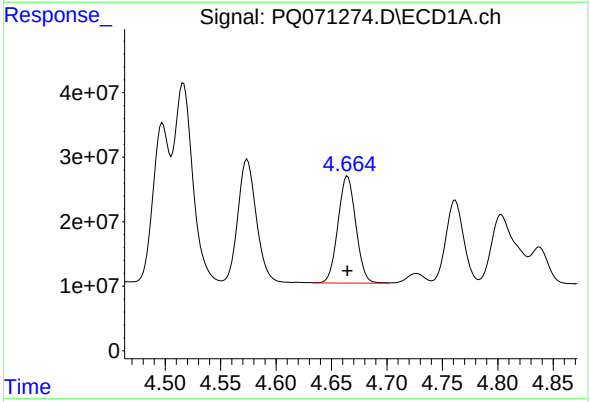
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 222189990
Conc: 754.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



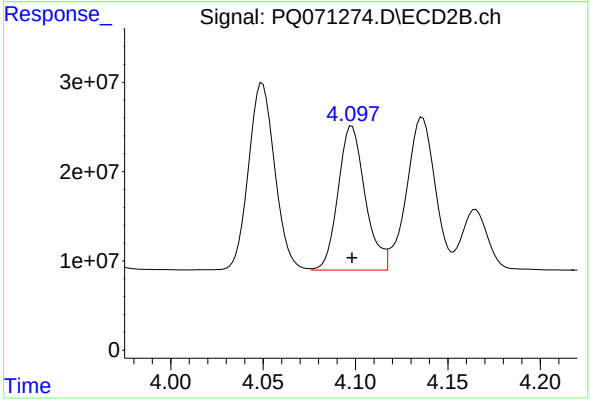
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 207395390
Conc: 758.64 ng/ml



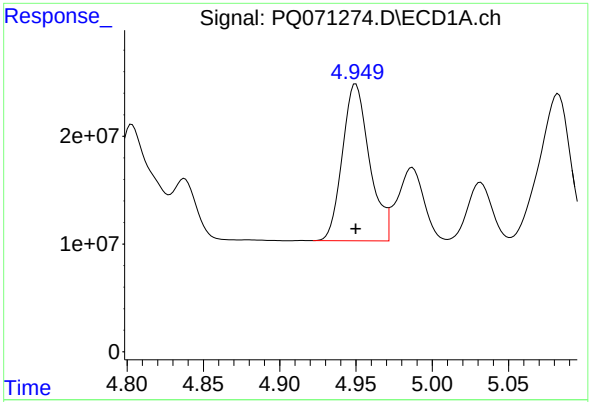
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 185809927
Conc: 757.87 ng/ml



#6 AR-1016-4

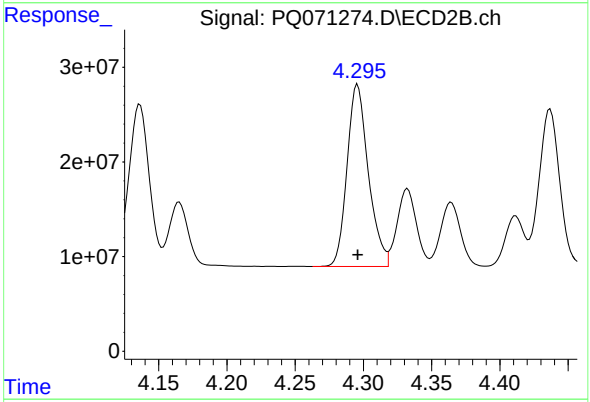
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 164838364
Conc: 758.57 ng/ml



#7 AR-1016-5

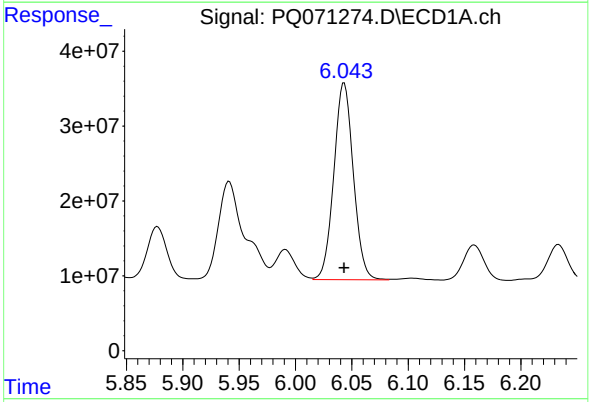
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 180253100
Conc: 758.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



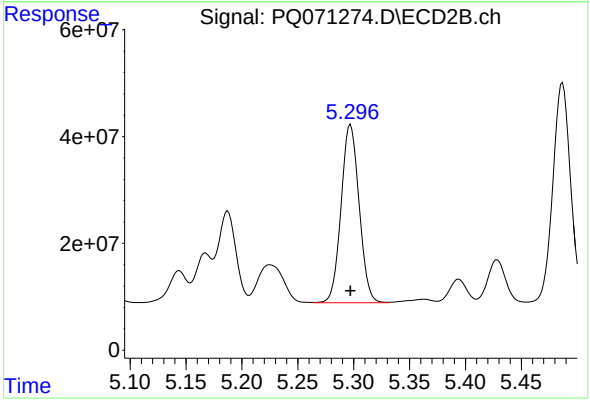
#7 AR-1016-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 209159726
Conc: 757.84 ng/ml



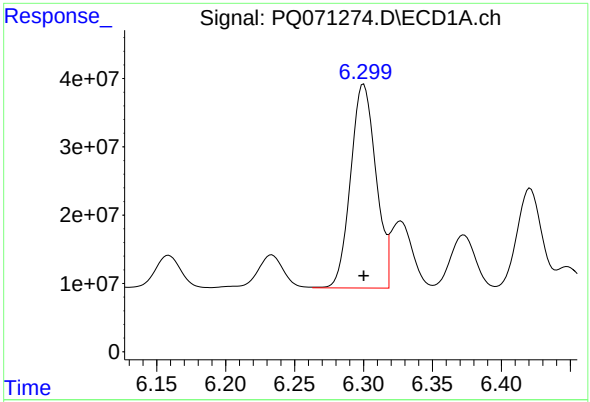
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 316536794
Conc: 755.29 ng/ml



#31 AR-1260-1

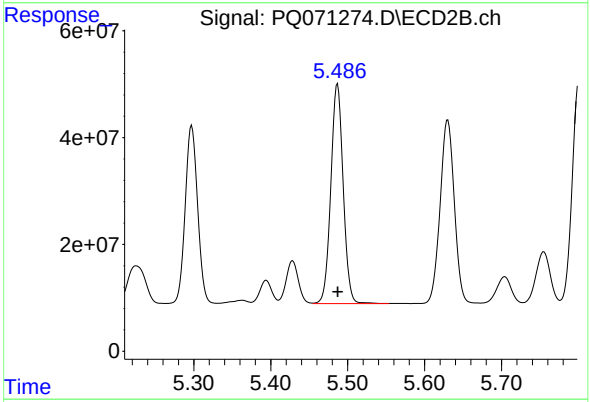
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 374272988
Conc: 760.50 ng/ml



#32 AR-1260-2

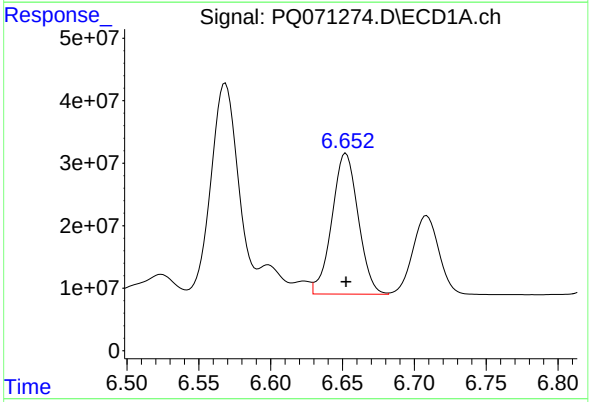
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 381566879
Conc: 757.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



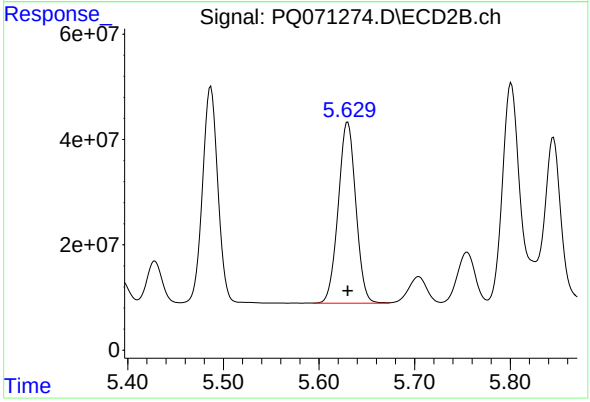
#32 AR-1260-2

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 458862832
Conc: 758.35 ng/ml



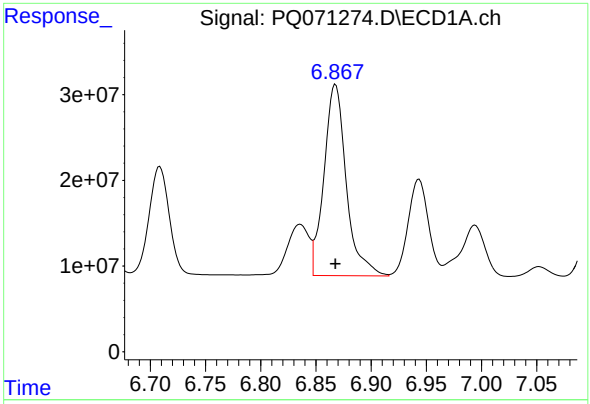
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 286438982
Conc: 758.03 ng/ml



#33 AR-1260-3

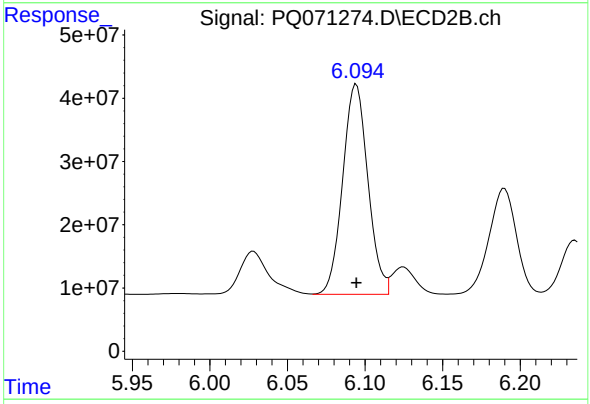
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 440104030
Conc: 751.40 ng/ml



#34 AR-1260-4

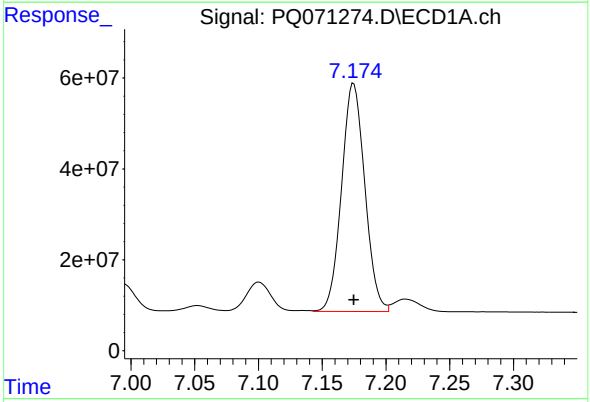
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 313555845
Conc: 755.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



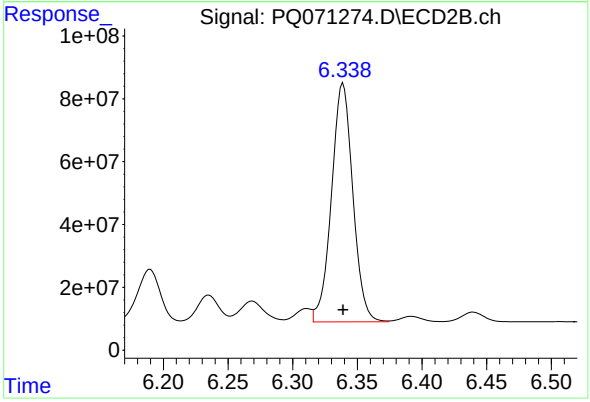
#34 AR-1260-4

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

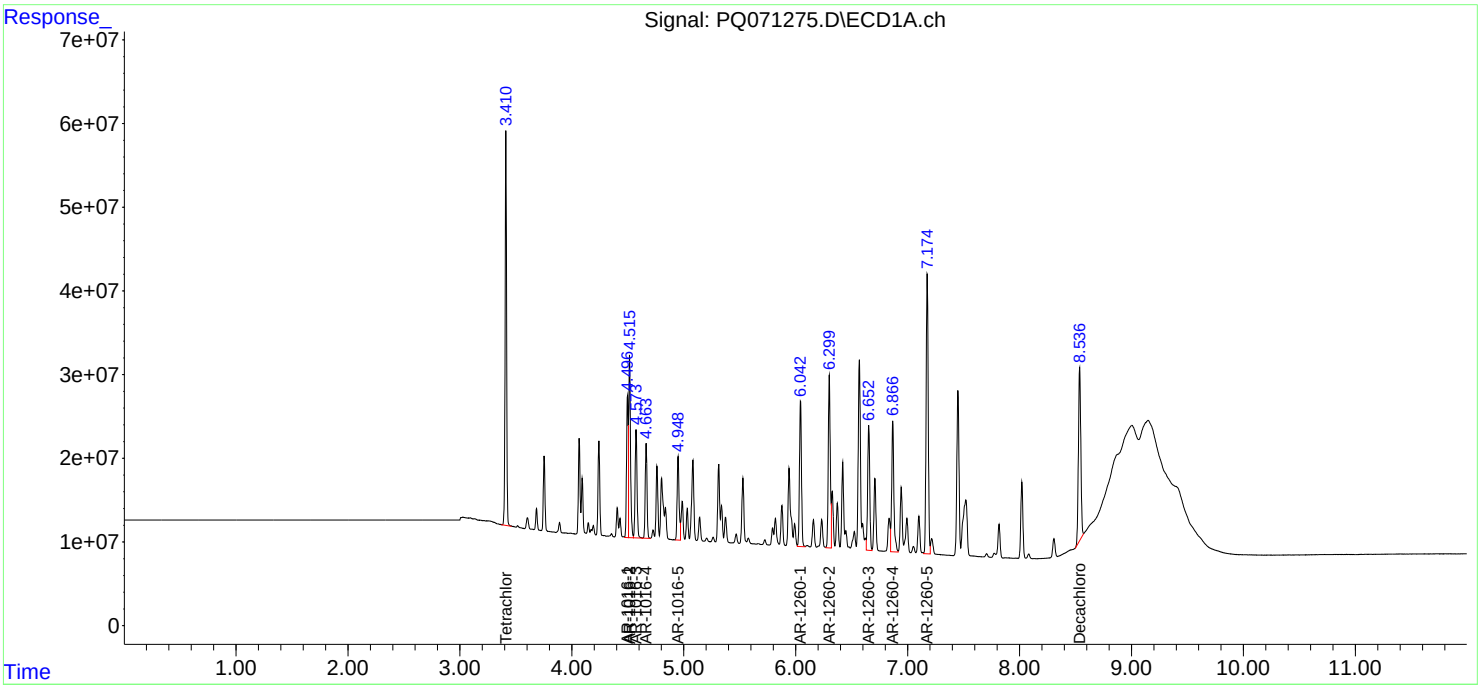
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

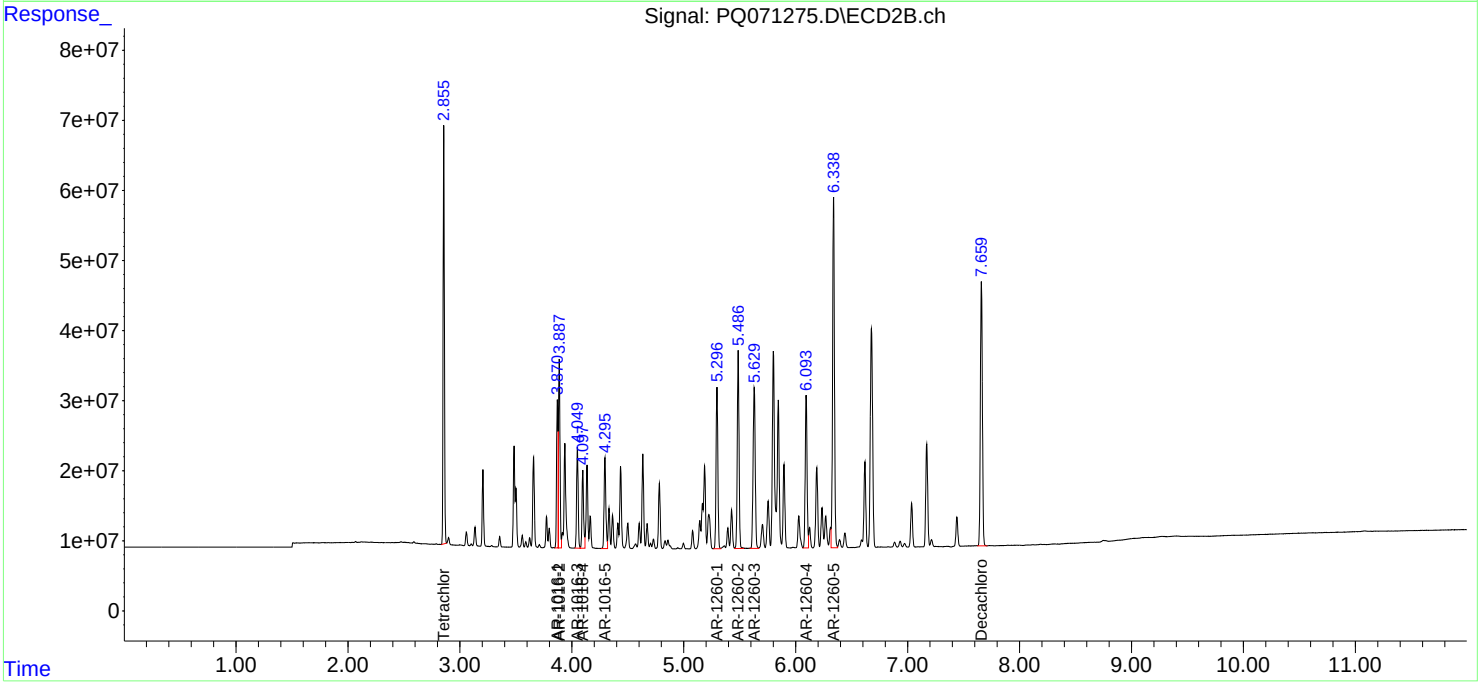
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:43
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 103 Sample Multiplier: 1

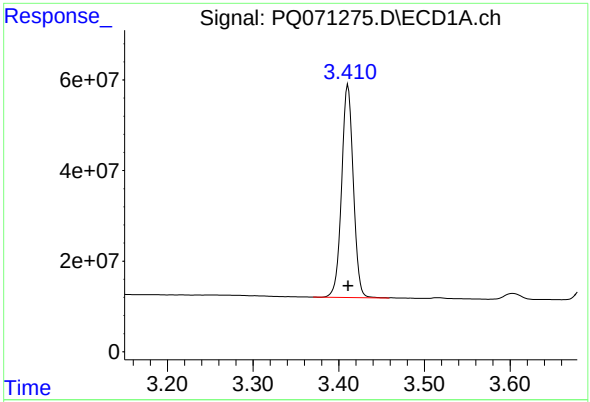
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

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



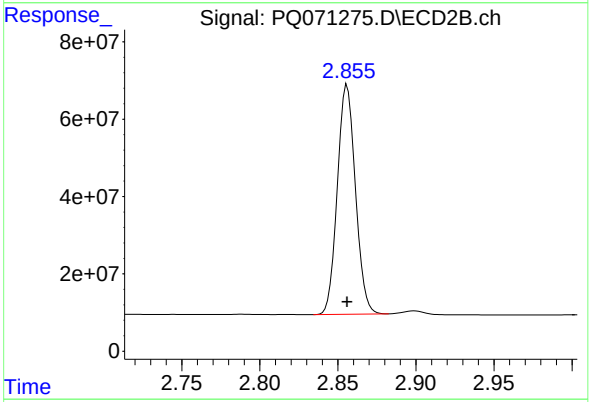




#1 Tetrachloro-m-xylene

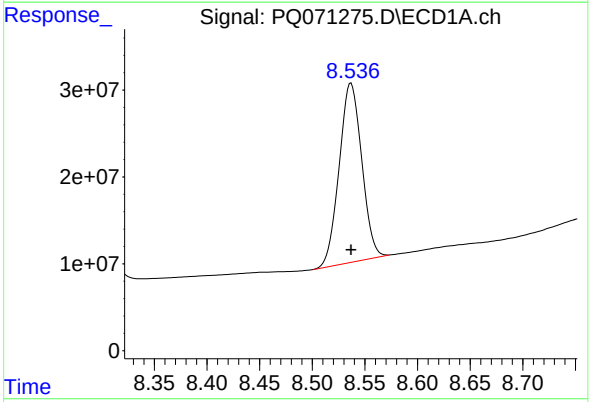
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 444998766
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



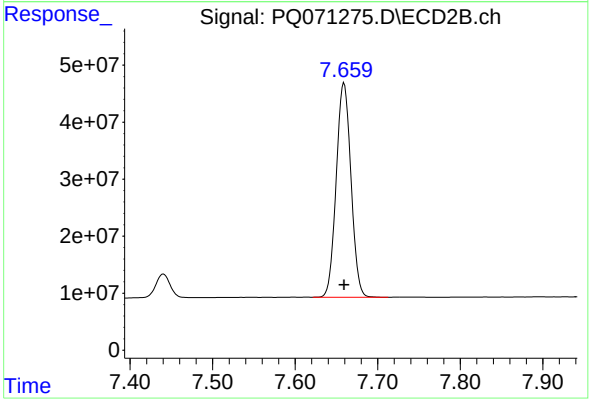
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 478650828
Conc: 50.00 ng/ml



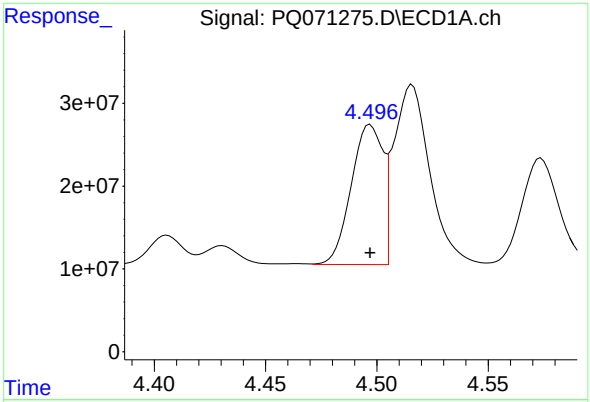
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 307929938
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

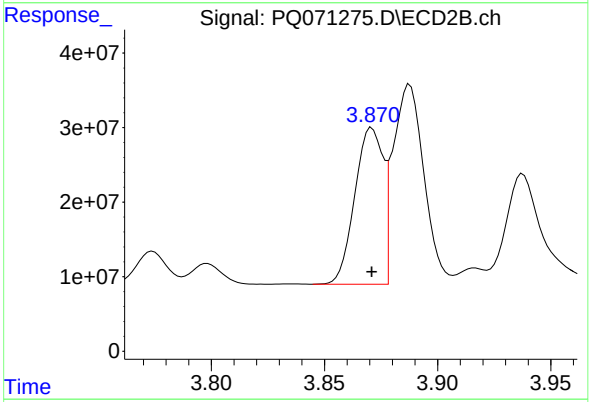
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 466714321
Conc: 50.00 ng/ml



#3 AR-1016-1

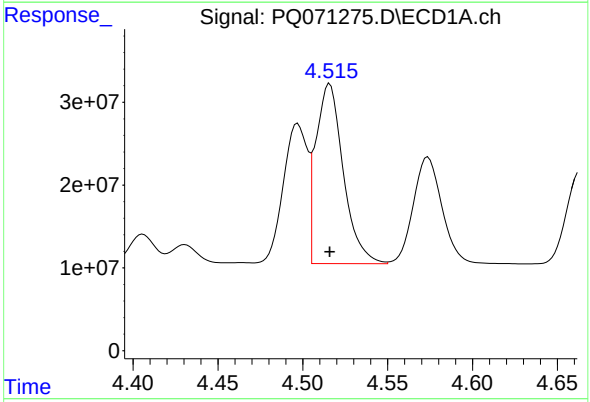
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 167480210
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



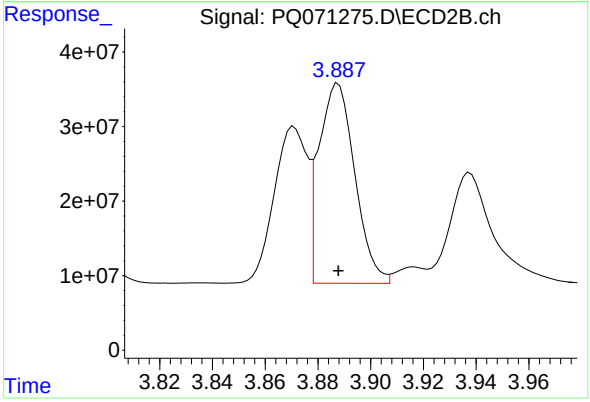
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 182611791
Conc: 500.00 ng/ml



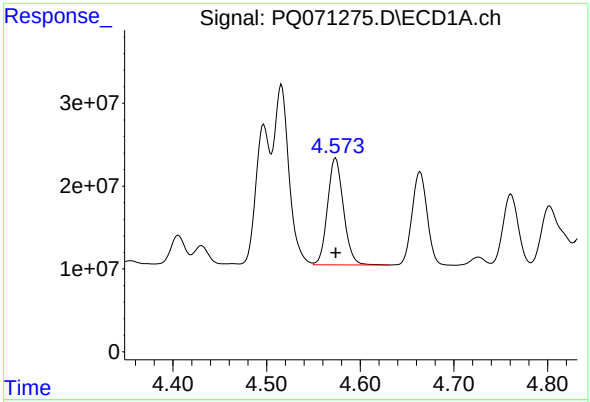
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 244108499
Conc: 500.00 ng/ml



#4 AR-1016-2

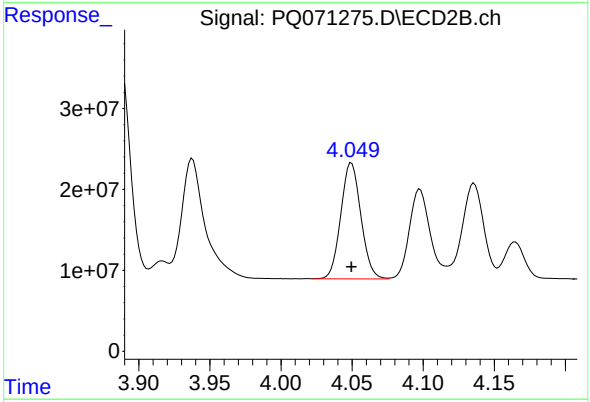
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 254493140
Conc: 500.00 ng/ml



#5 AR-1016-3

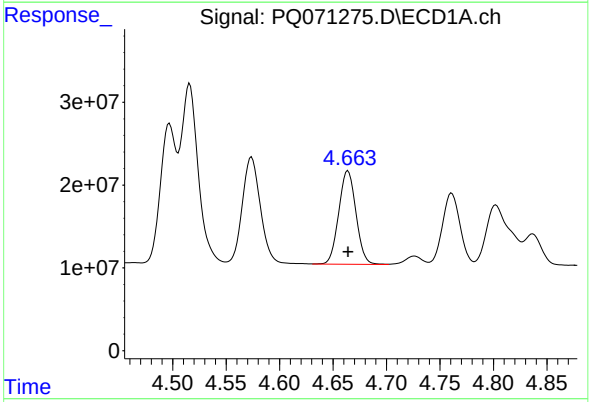
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 152813258
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



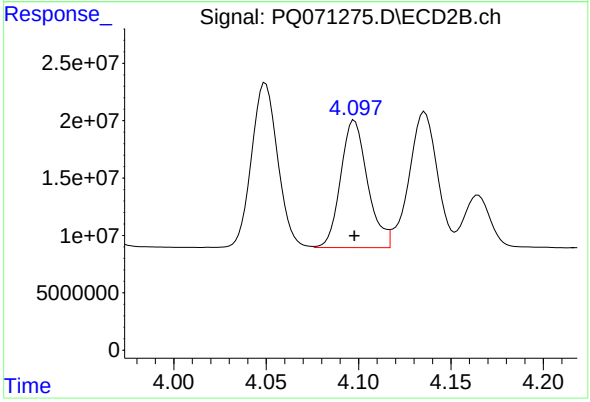
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 141198711
Conc: 500.00 ng/ml



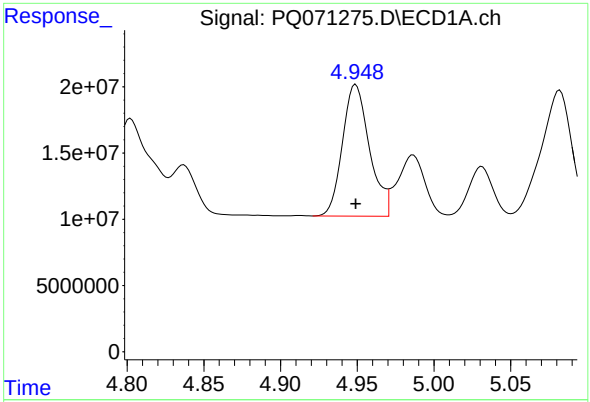
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 126734012
Conc: 500.00 ng/ml



#6 AR-1016-4

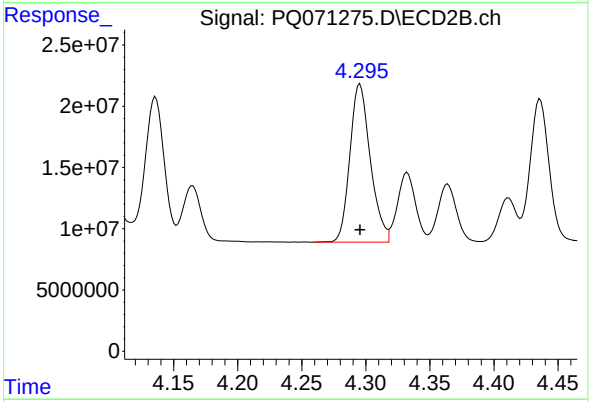
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 112894266
Conc: 500.00 ng/ml



#7 AR-1016-5

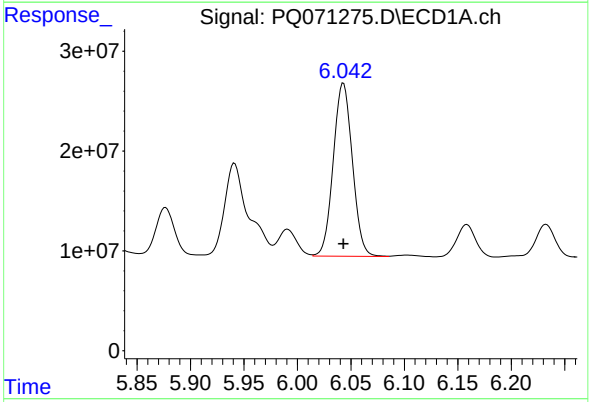
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 122389168
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



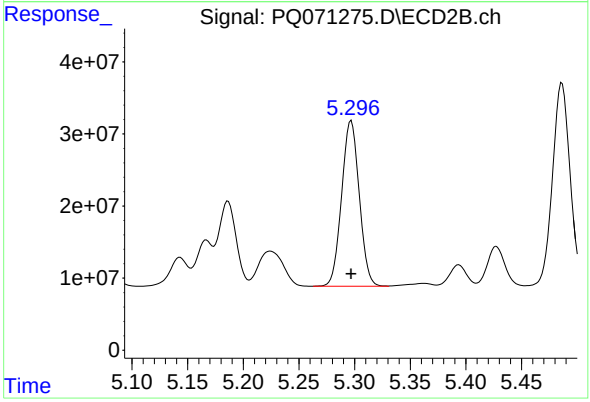
#7 AR-1016-5

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 143563098
Conc: 500.00 ng/ml



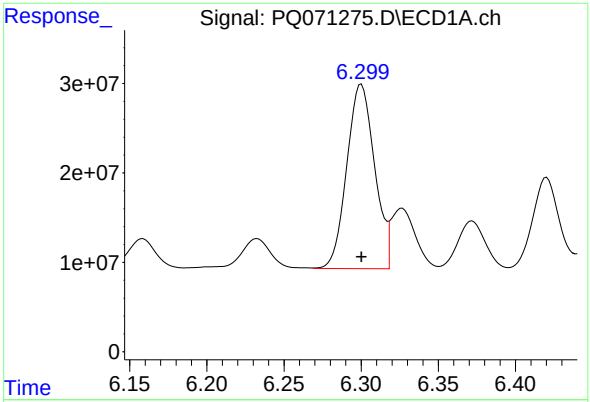
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 215765380
Conc: 500.00 ng/ml



#31 AR-1260-1

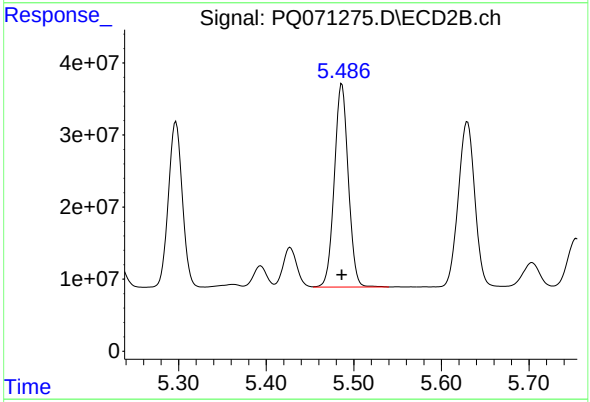
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 253279454
Conc: 500.00 ng/ml



#32 AR-1260-2

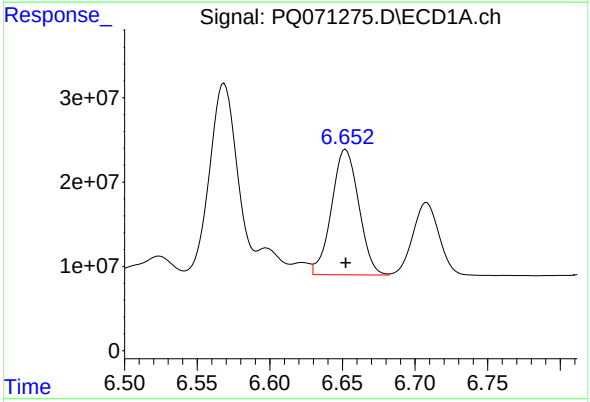
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 259001863
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



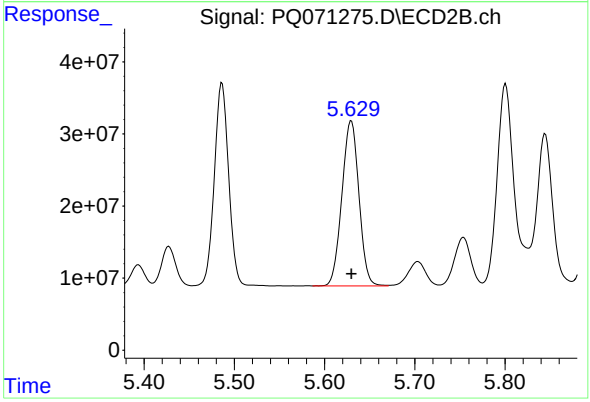
#32 AR-1260-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 312267438
Conc: 500.00 ng/ml



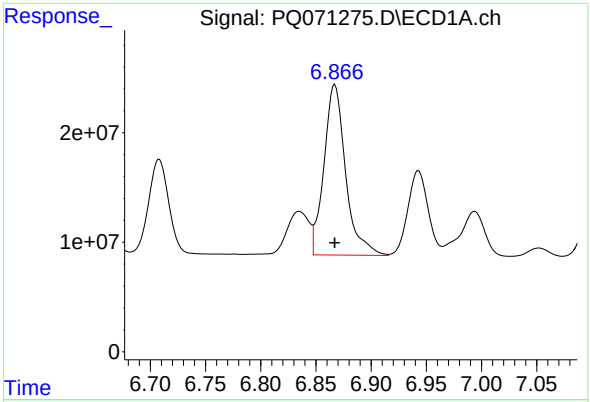
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 193976789
Conc: 500.00 ng/ml



#33 AR-1260-3

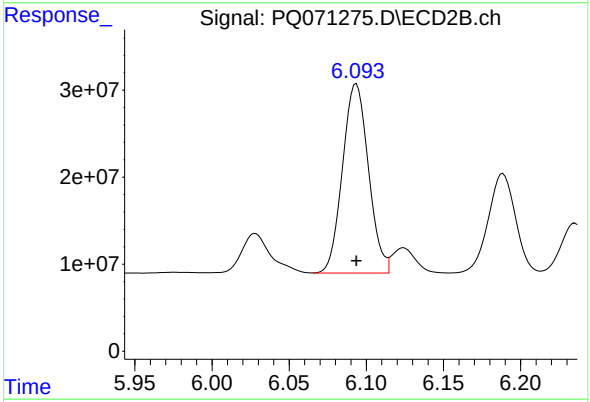
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 300399811
Conc: 500.00 ng/ml



#34 AR-1260-4

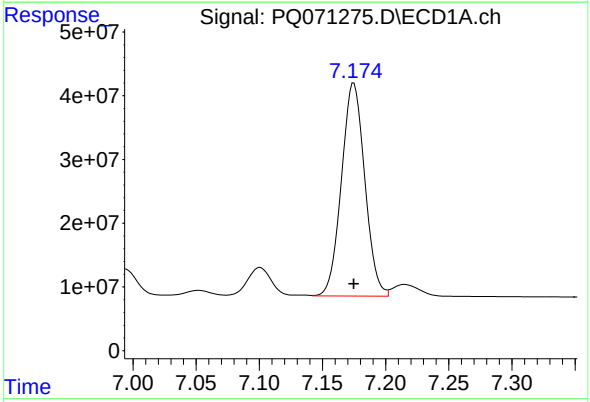
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 213061876
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



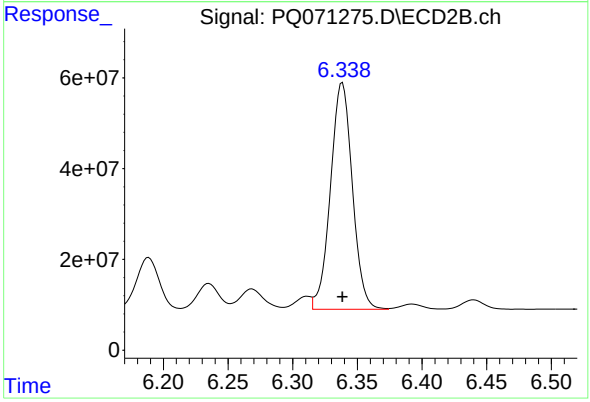
#34 AR-1260-4

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

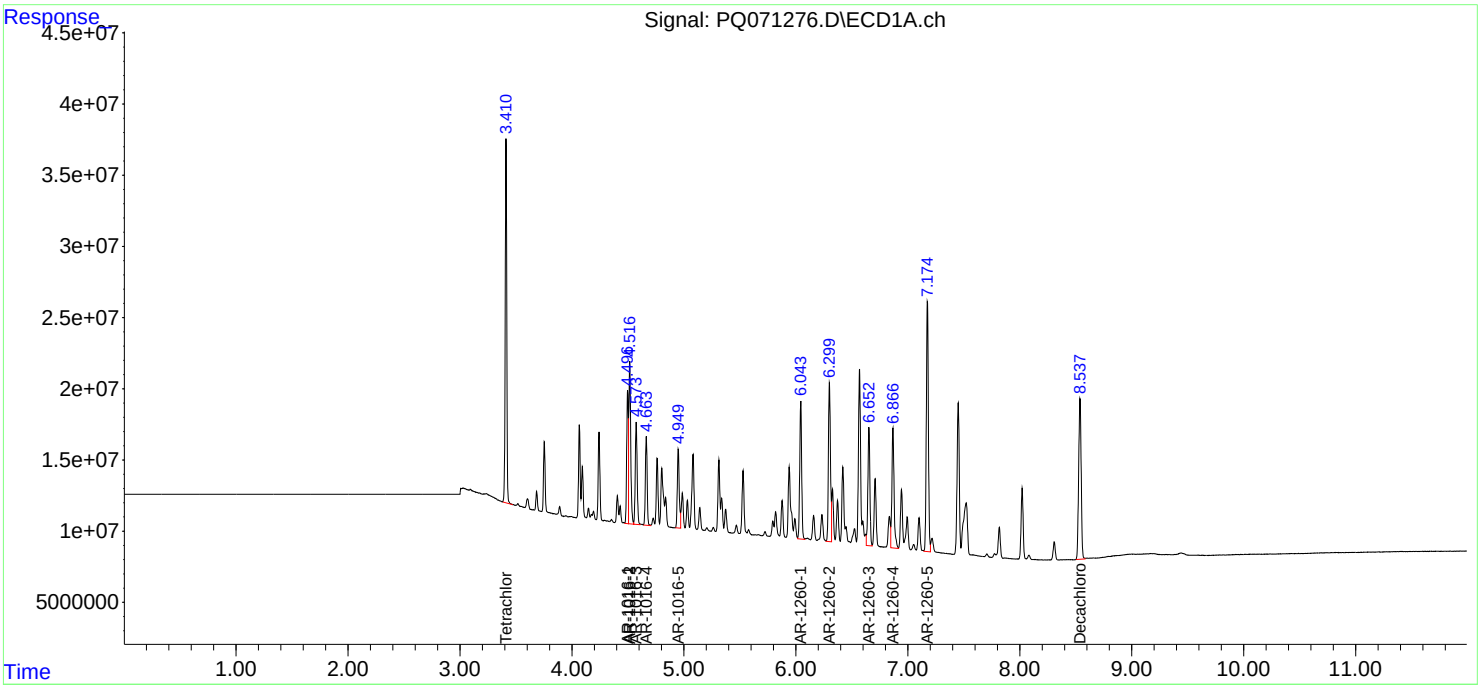
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

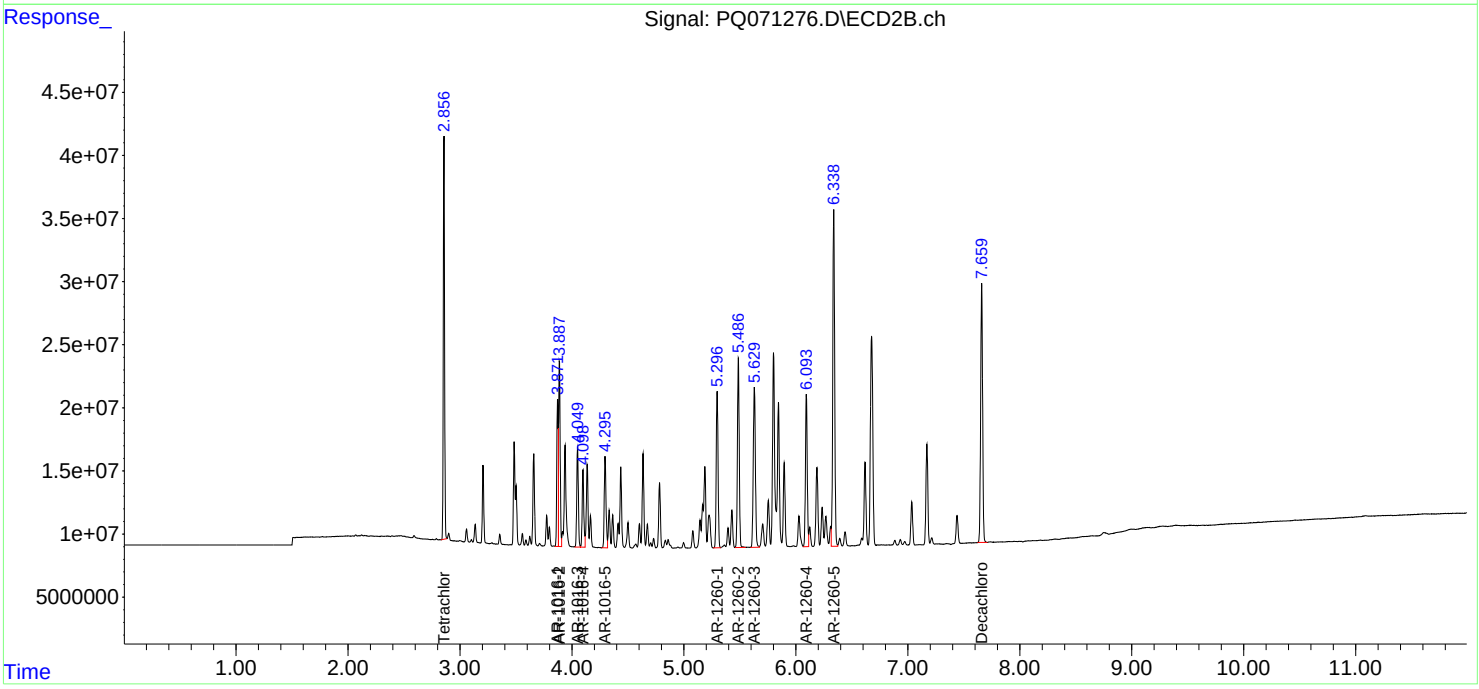
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:57
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 104 Sample Multiplier: 1

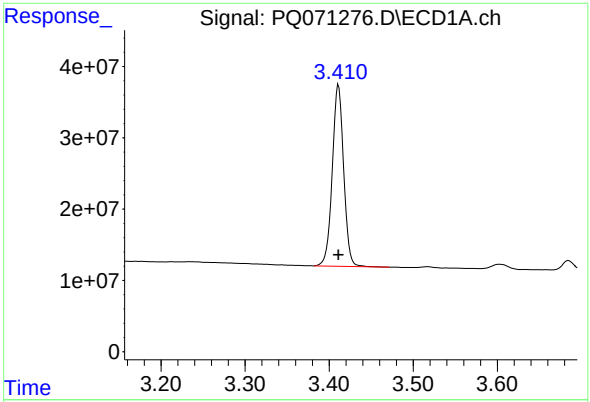
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

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



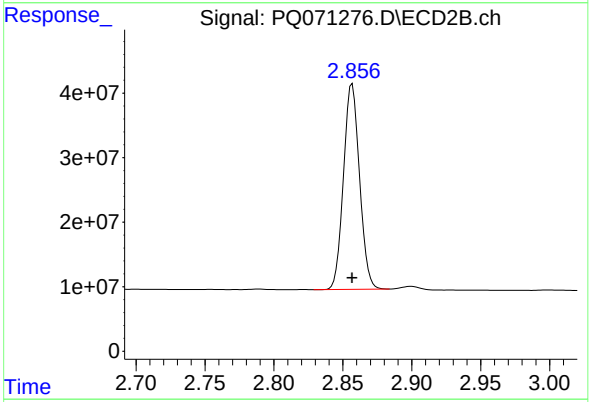




#1 Tetrachloro-m-xylene

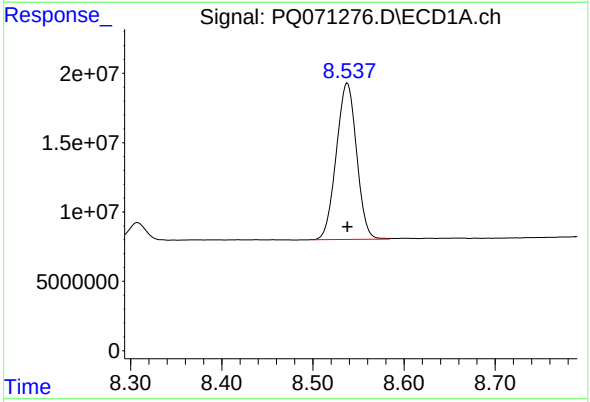
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 239662915
Conc: 26.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



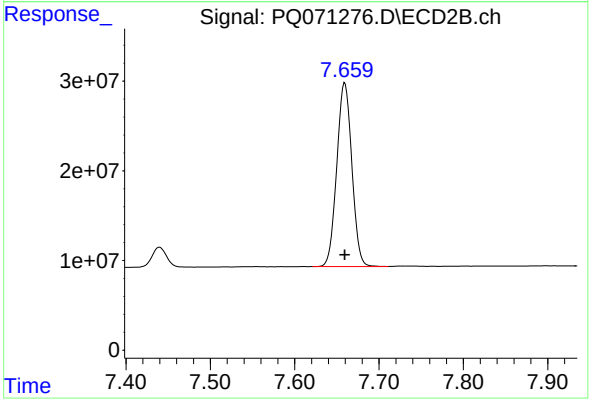
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 258266397
Conc: 26.81 ng/ml



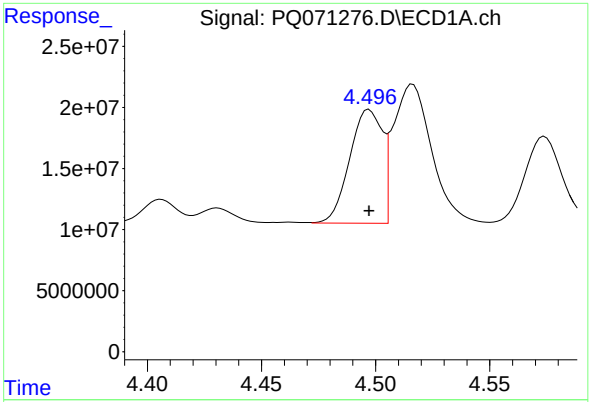
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 174696231
Conc: 27.37 ng/ml



#2 Decachlorobiphenyl

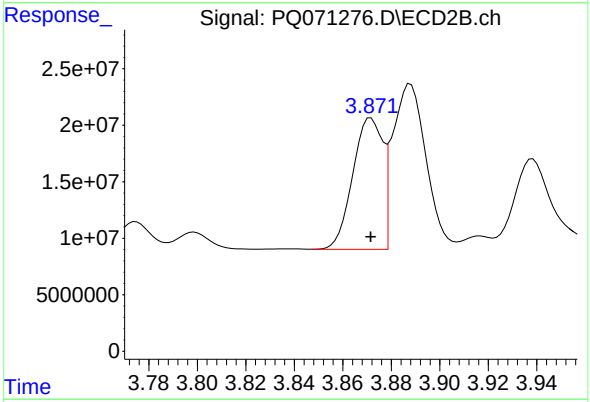
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 254084803
Conc: 27.22 ng/ml



#3 AR-1016-1

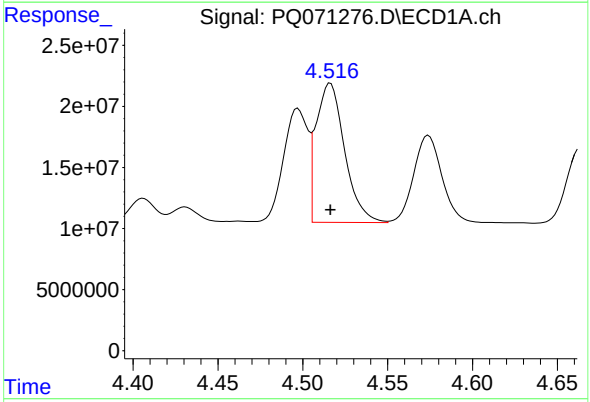
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 92693922
Conc: 276.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



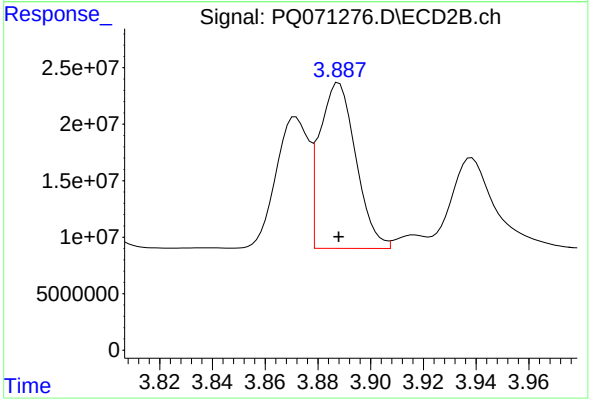
#3 AR-1016-1

R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 99963588
Conc: 275.02 ng/ml



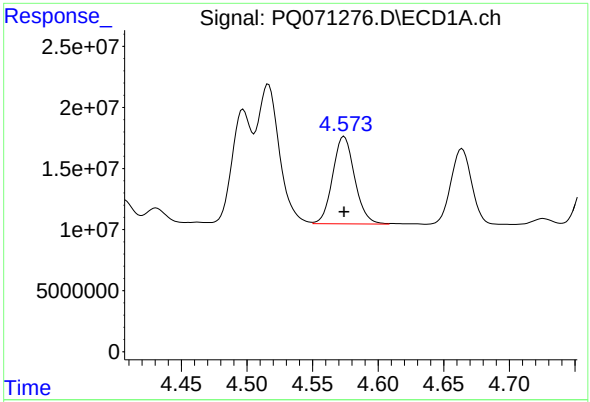
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 133071102
Conc: 271.70 ng/ml



#4 AR-1016-2

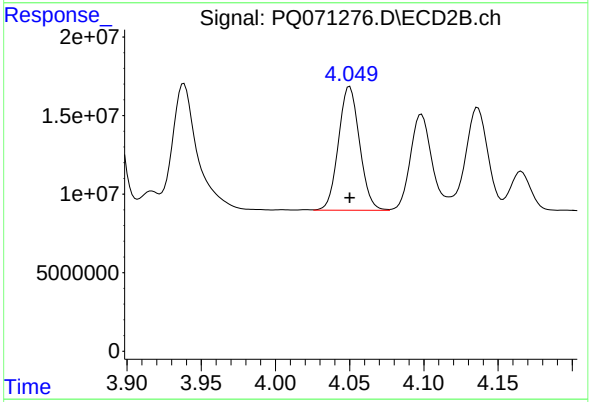
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 139646870
Conc: 274.36 ng/ml



#5 AR-1016-3

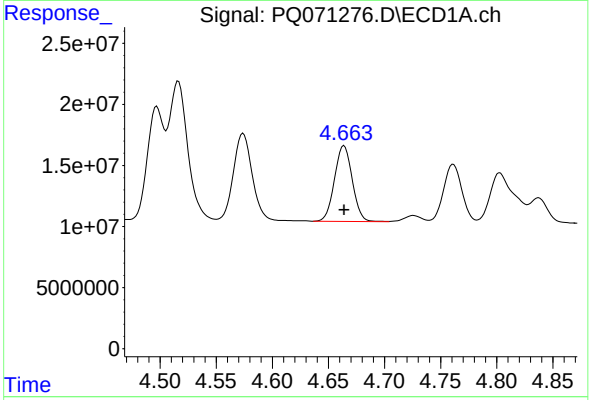
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 83348798
Conc: 274.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



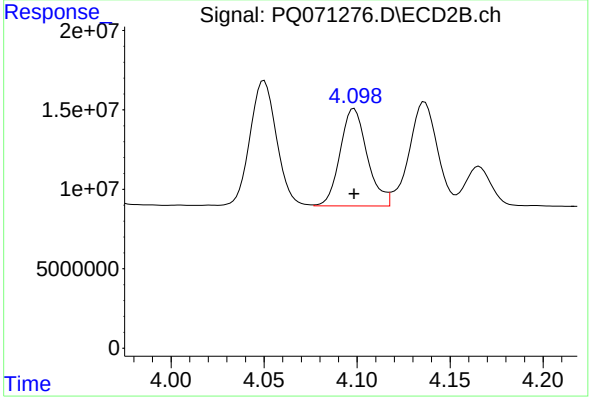
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 78102630
Conc: 275.85 ng/ml



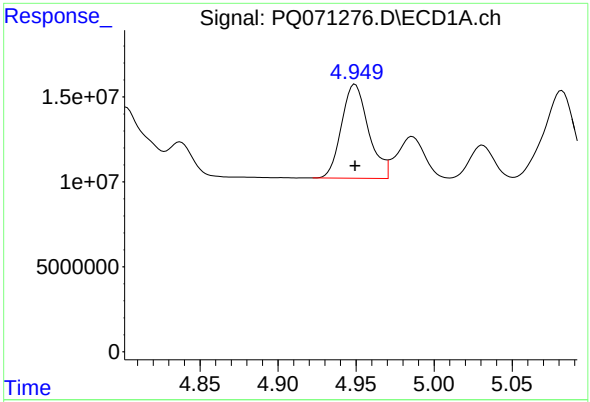
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 68567544
Conc: 271.61 ng/ml



#6 AR-1016-4

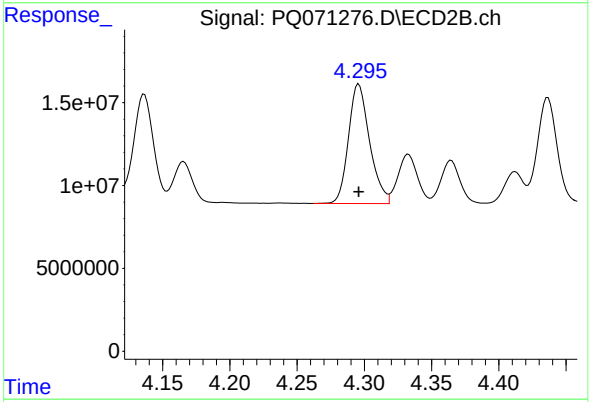
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 62285281
Conc: 276.50 ng/ml



#7 AR-1016-5

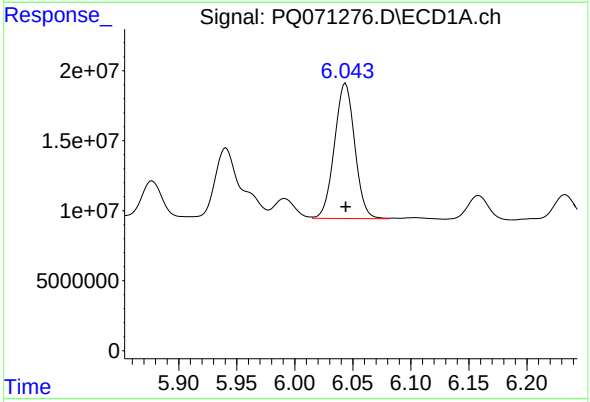
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 66720407
Conc: 272.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



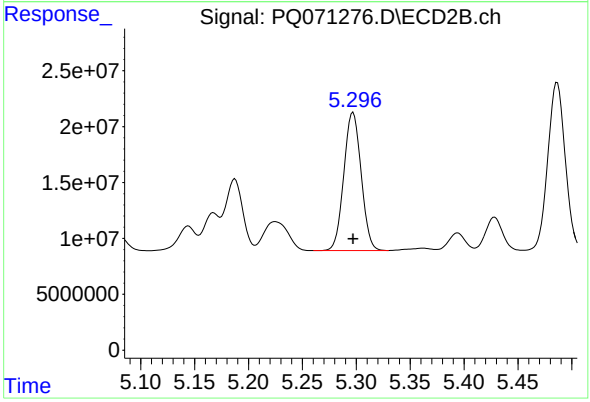
#7 AR-1016-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 78911541
Conc: 276.00 ng/ml



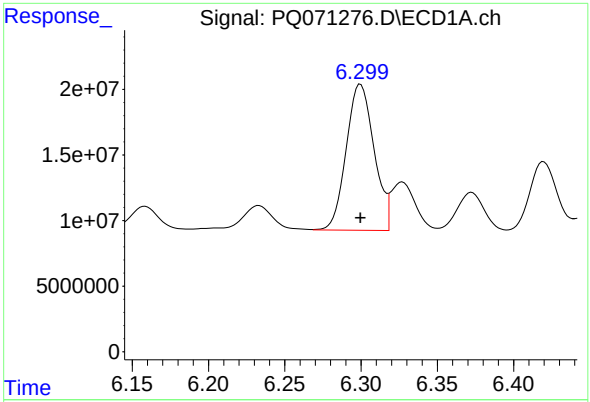
#31 AR-1260-1

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 117743293
Conc: 272.51 ng/ml



#31 AR-1260-1

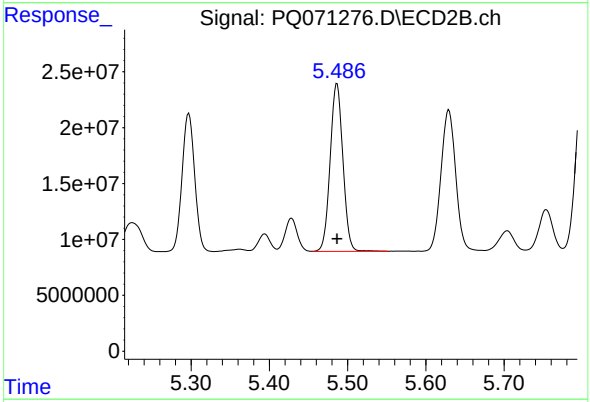
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 138440204
Conc: 272.76 ng/ml



#32 AR-1260-2

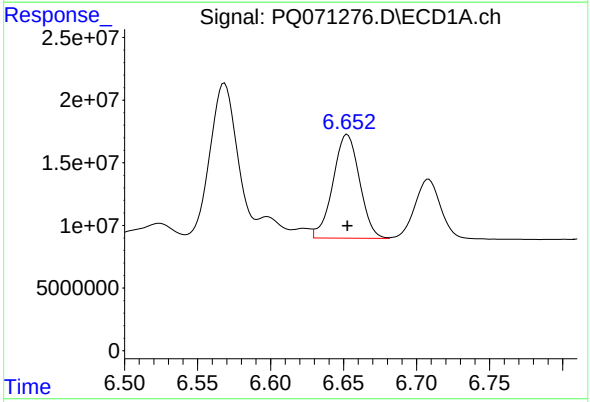
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 141383517
Conc: 272.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



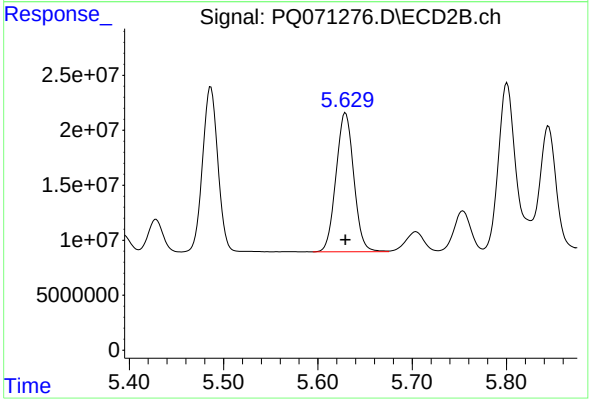
#32 AR-1260-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 169852625
Conc: 272.35 ng/ml



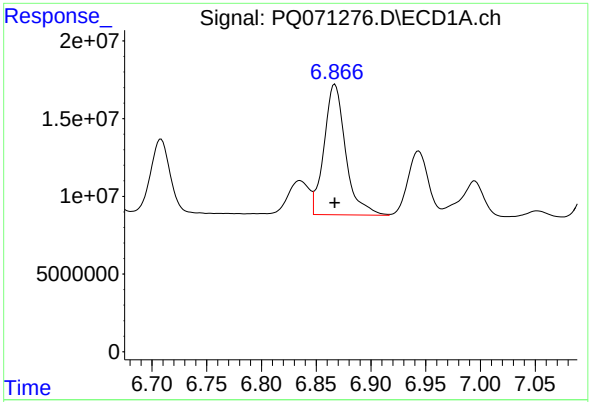
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 105169102
Conc: 270.65 ng/ml



#33 AR-1260-3

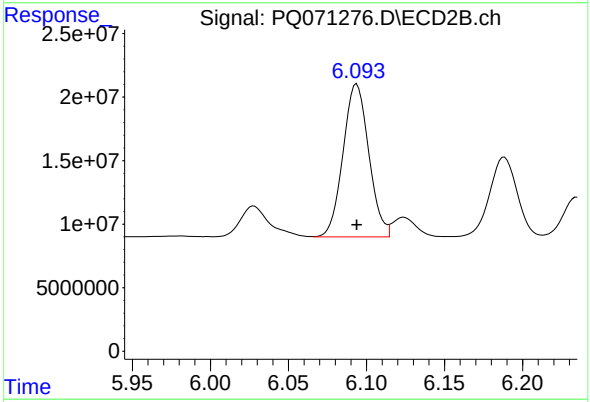
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 165622377
Conc: 273.80 ng/ml



#34 AR-1260-4

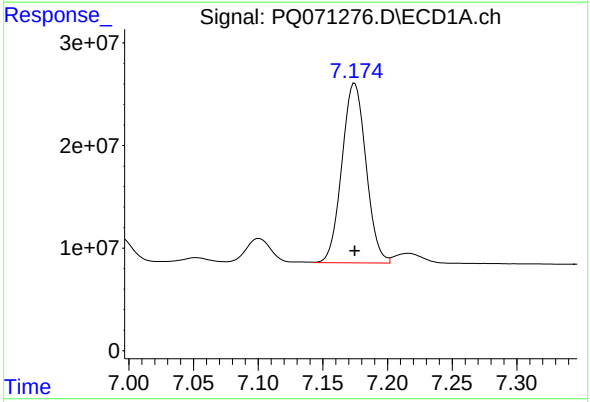
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 115017574
Conc: 269.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



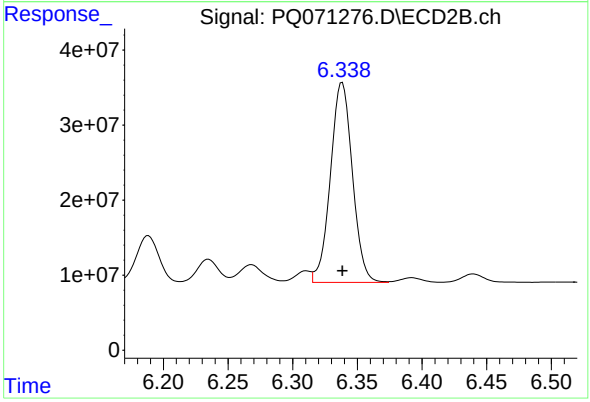
#34 AR-1260-4

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

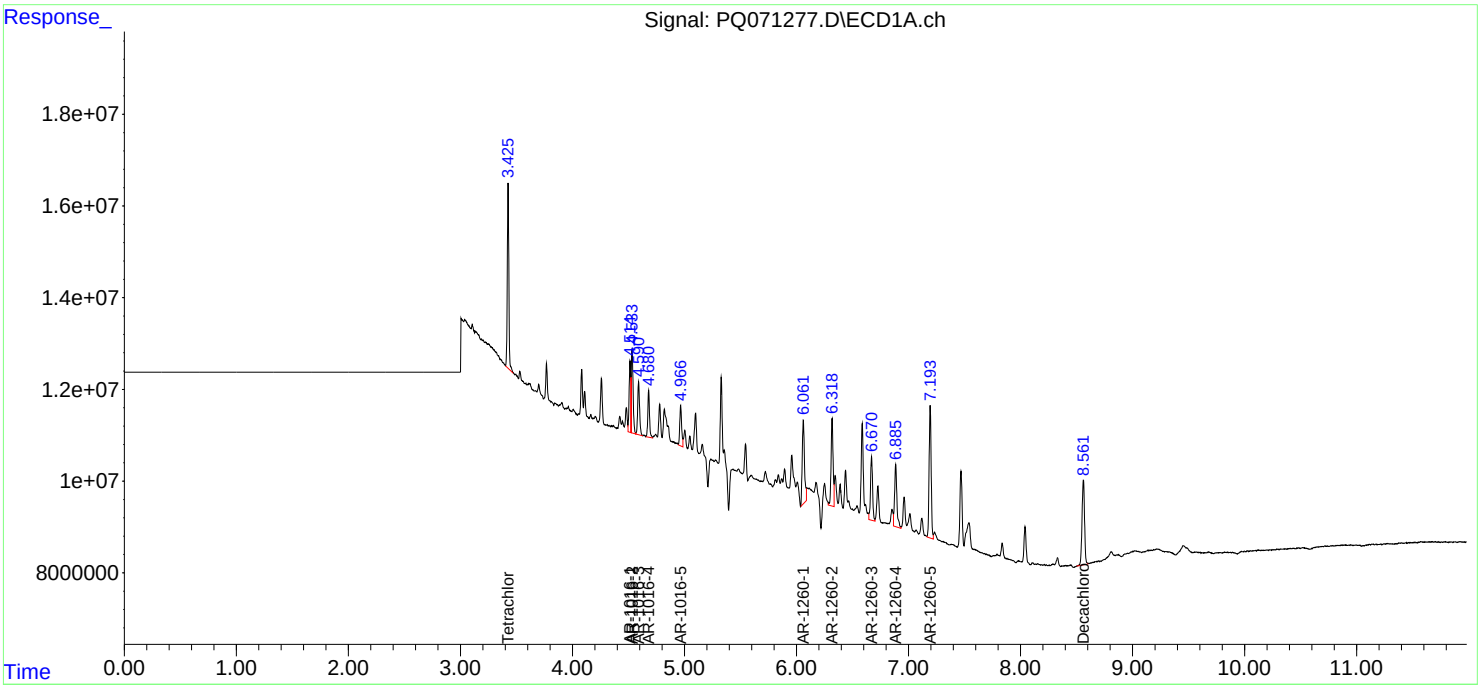
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

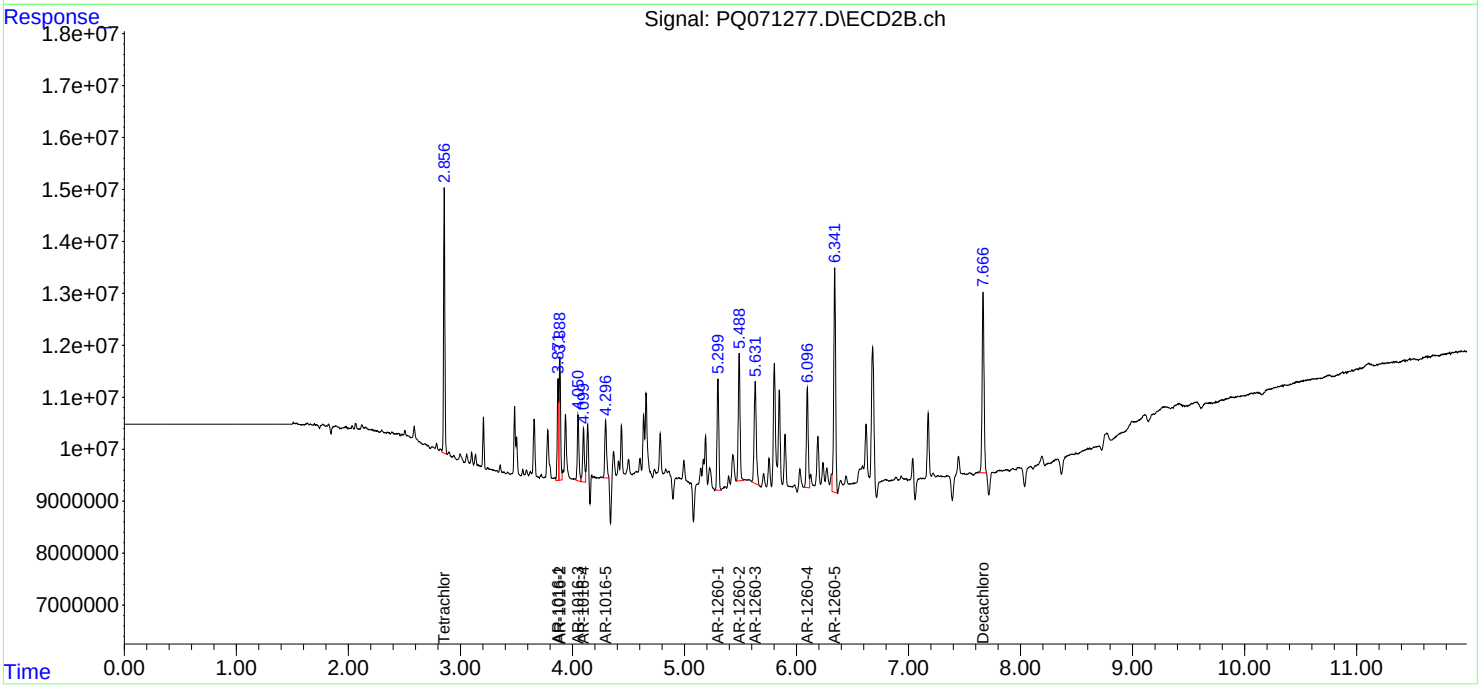
Manual Integrations APPROVED

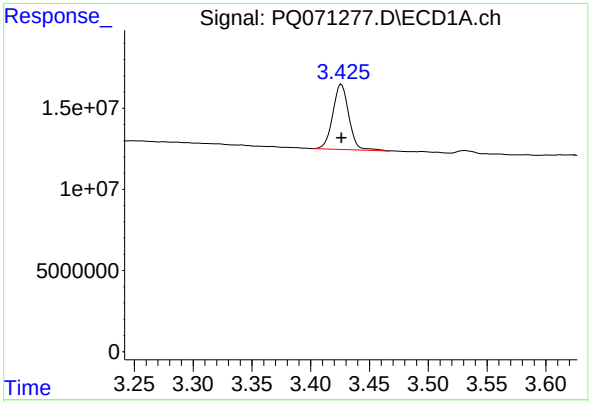
Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

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

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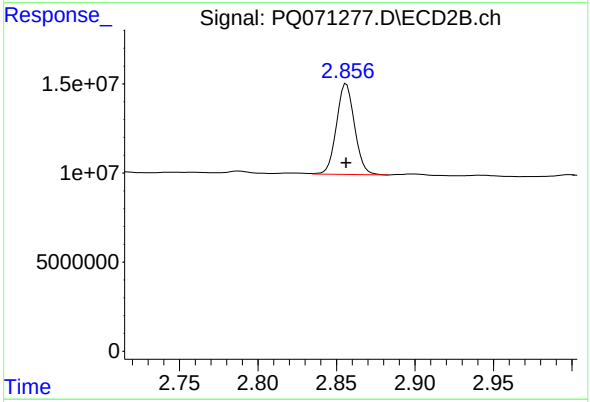
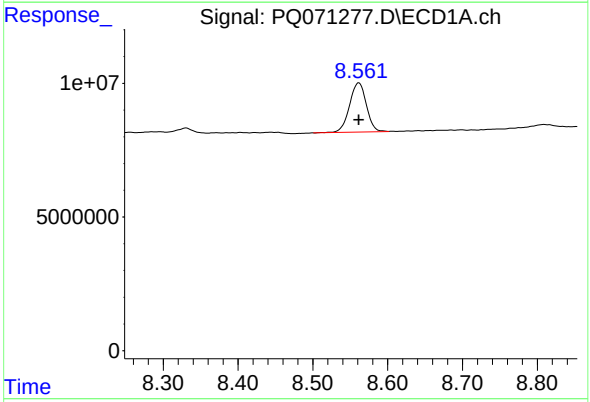


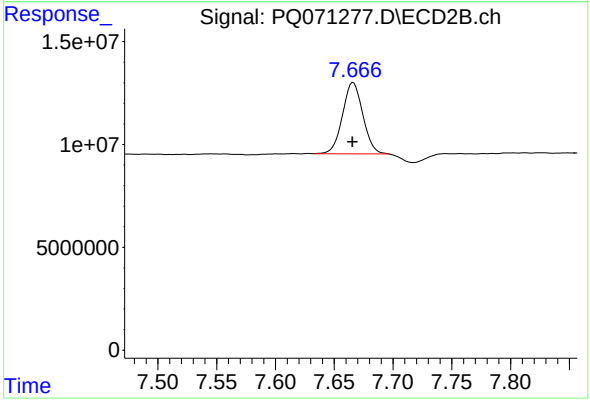
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 40768474
Conc: 4.37 ng/ml



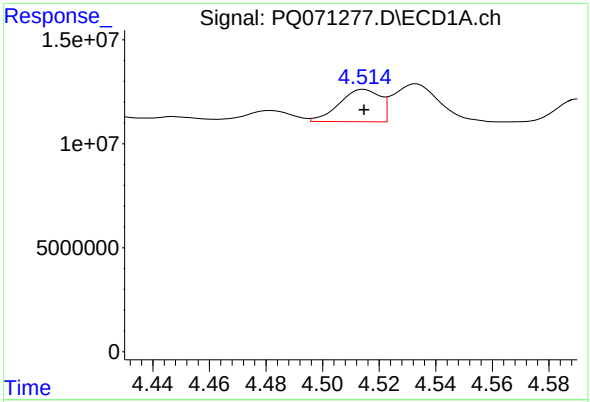
#2 Decachlorobiphenyl

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

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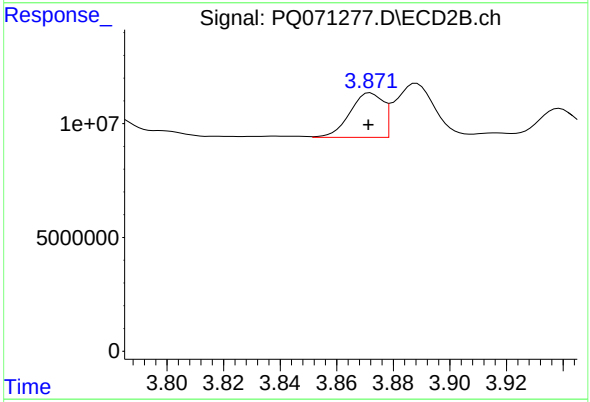
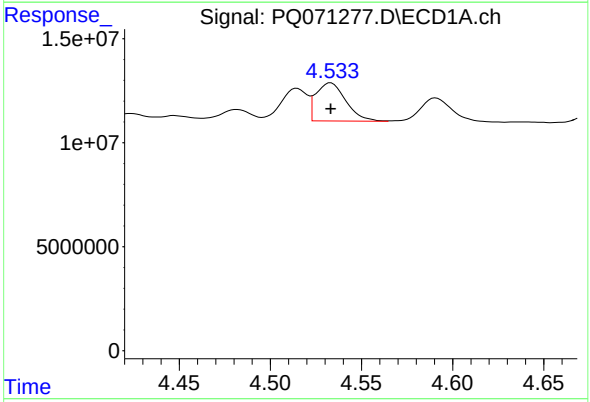


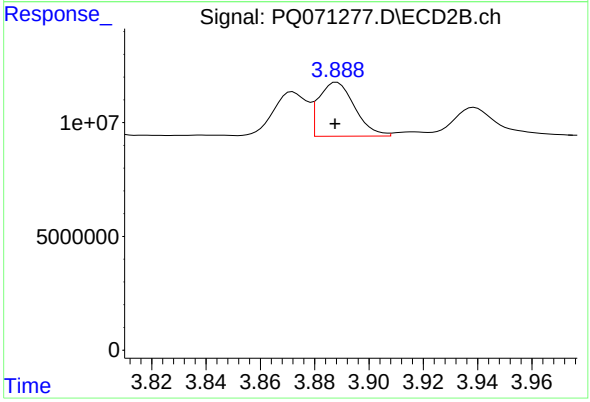
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 17834748
Conc: 50.66 ng/ml m



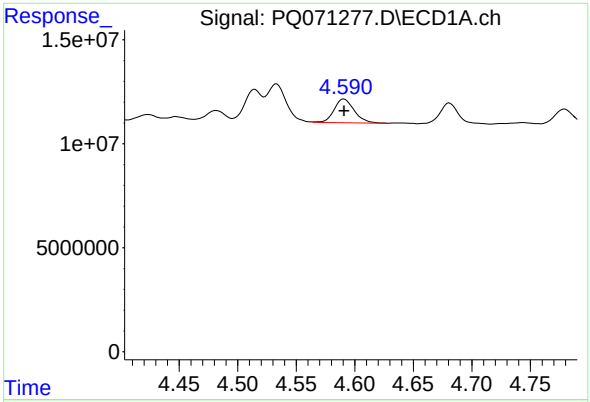
#4 AR-1016-2

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

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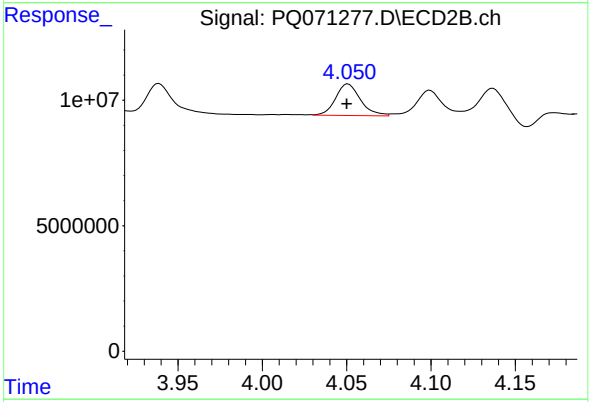
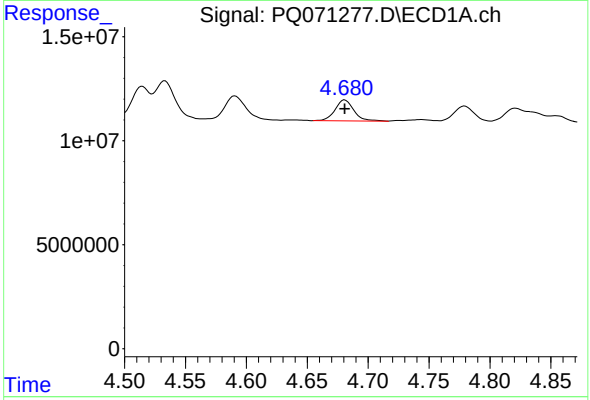


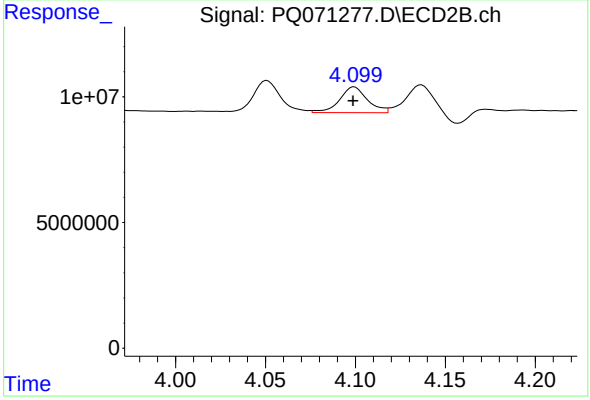
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 12870547
Conc: 46.44 ng/ml m



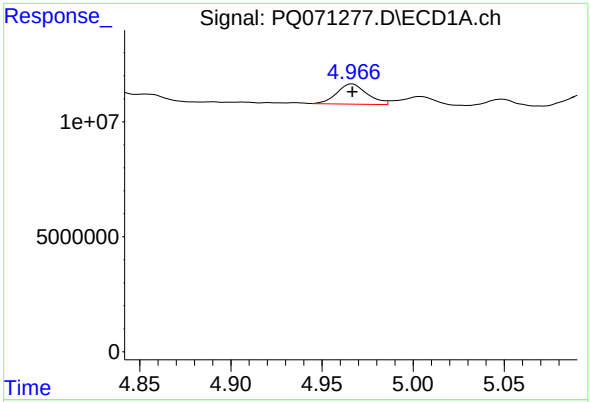
#6 AR-1016-4

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
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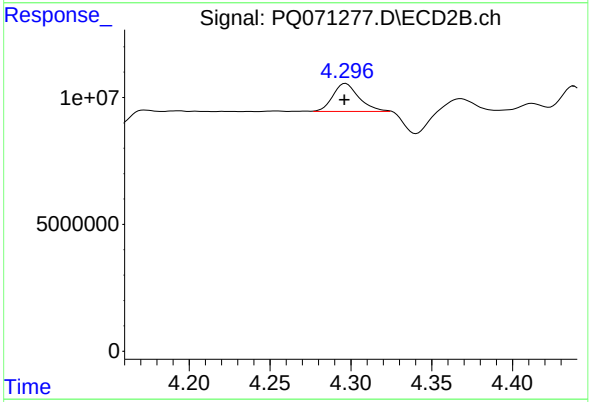
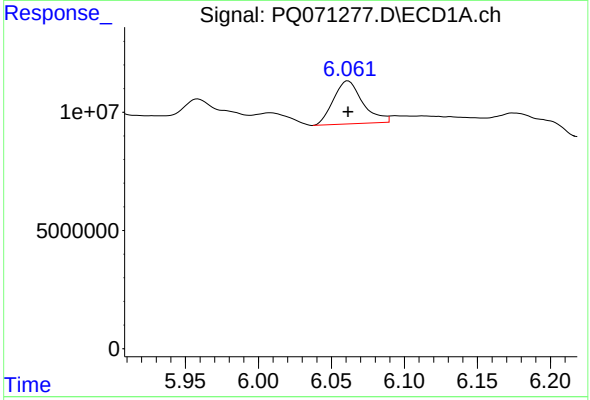


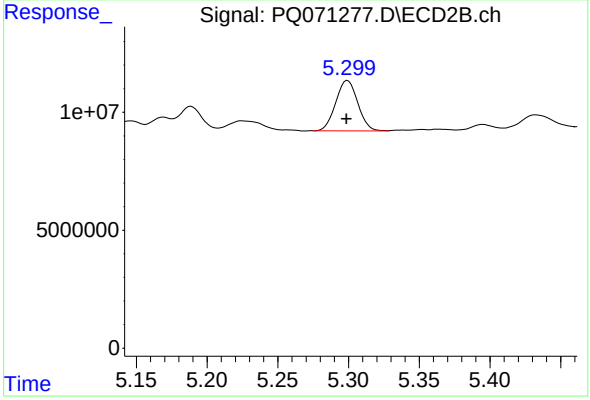
#7 AR-1016-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 12460653
Conc: 44.34 ng/ml m



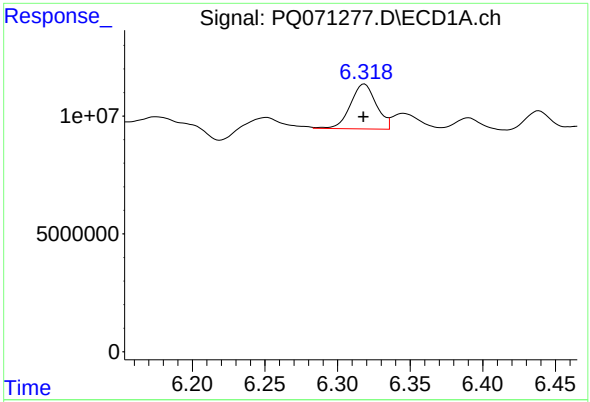
#31 AR-1260-1

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

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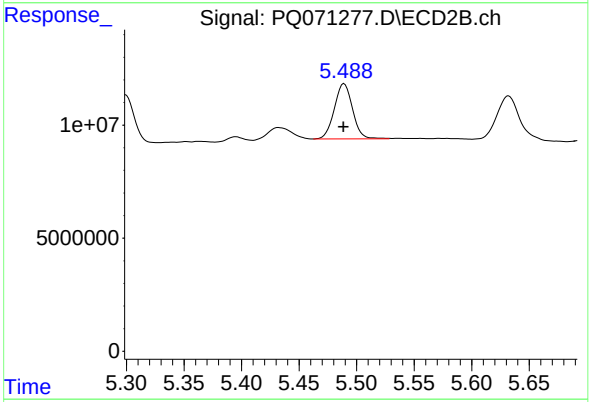
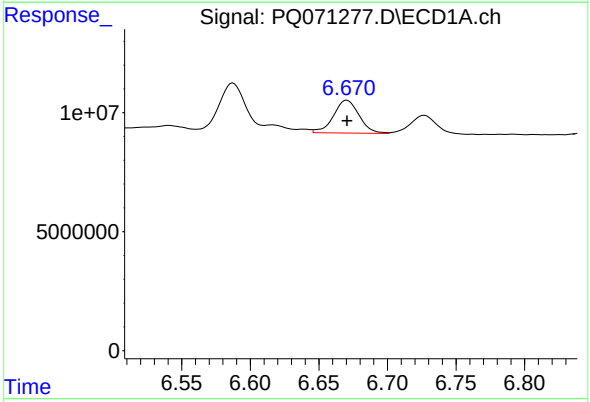


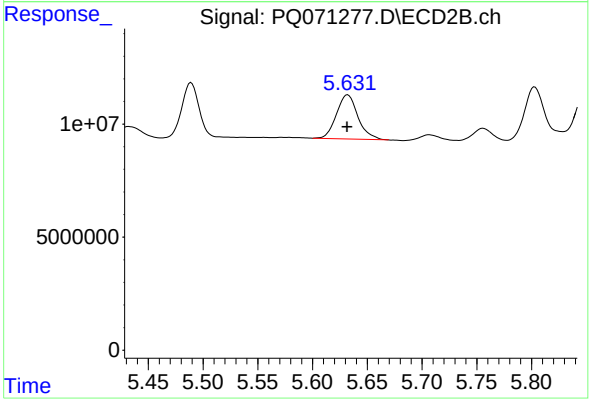
#32 AR-1260-2

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 26861576
Conc: 44.18 ng/ml m



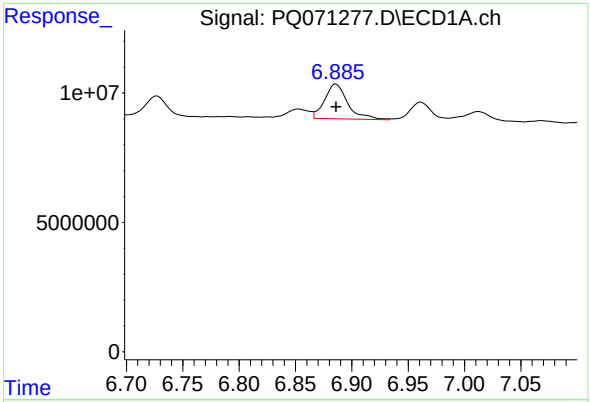
#33 AR-1260-3

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

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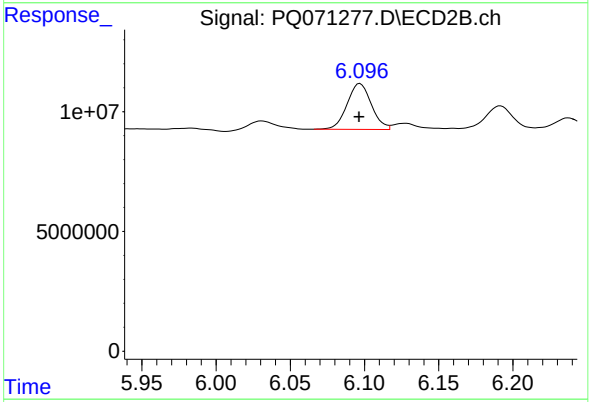
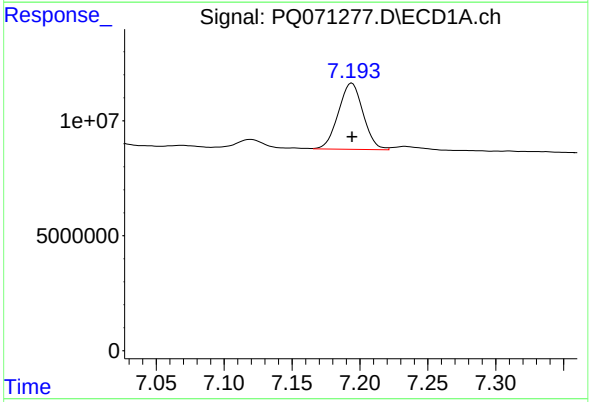


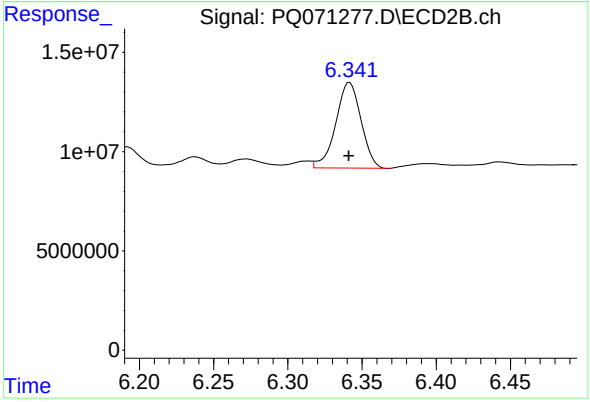
#34 AR-1260-4

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

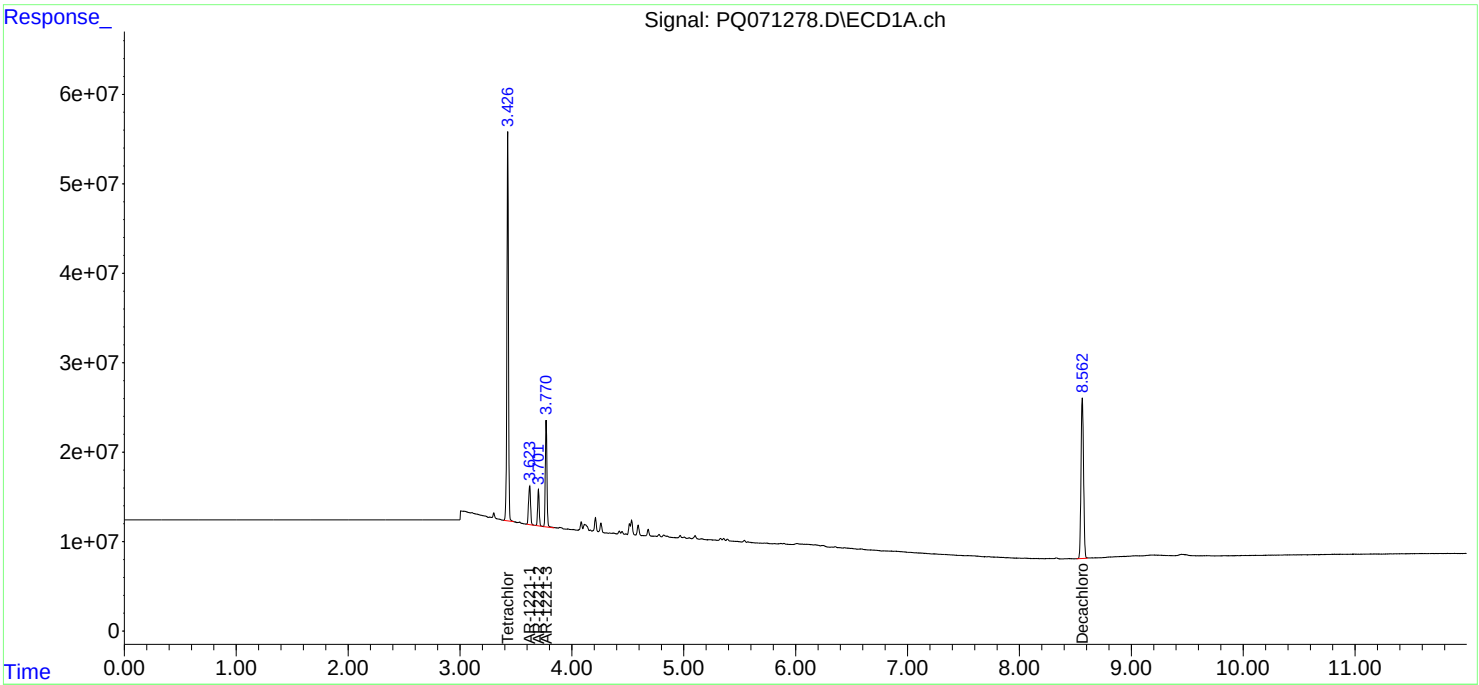
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

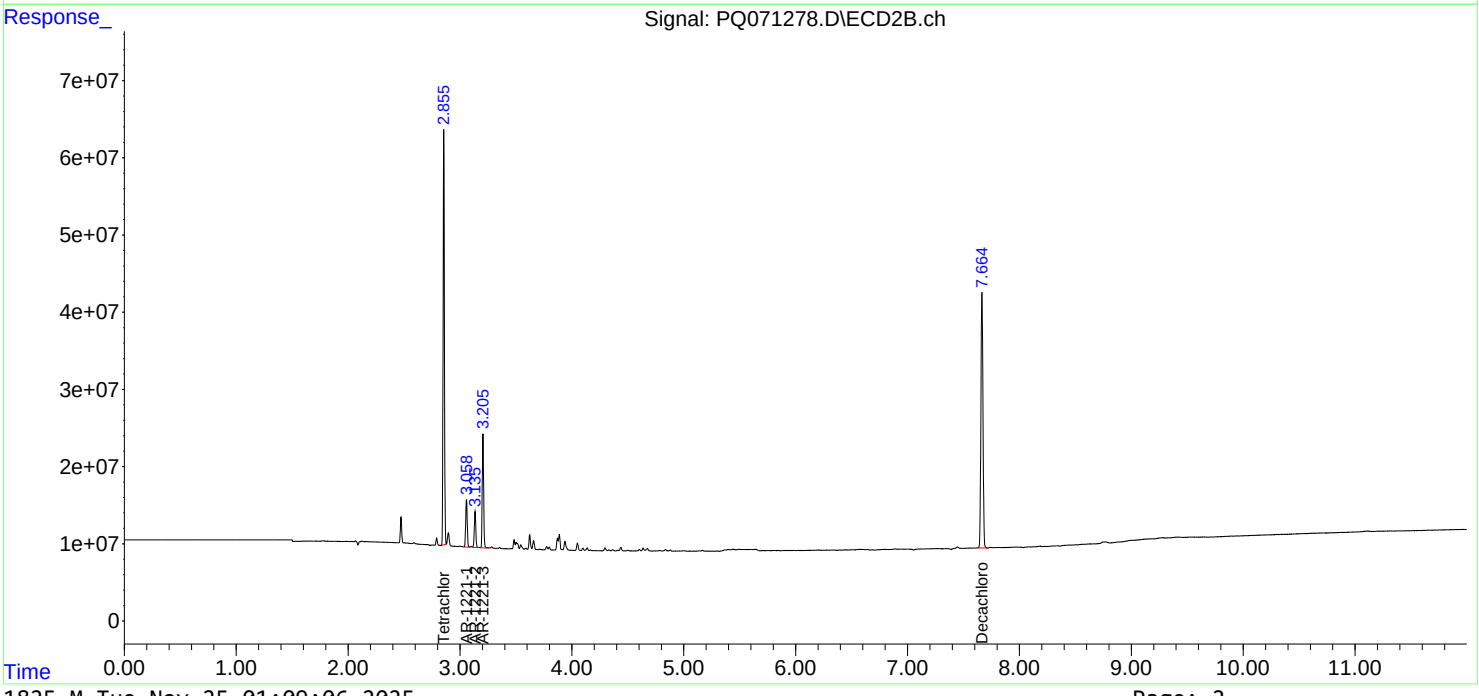
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:25
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 106 Sample Multiplier: 1

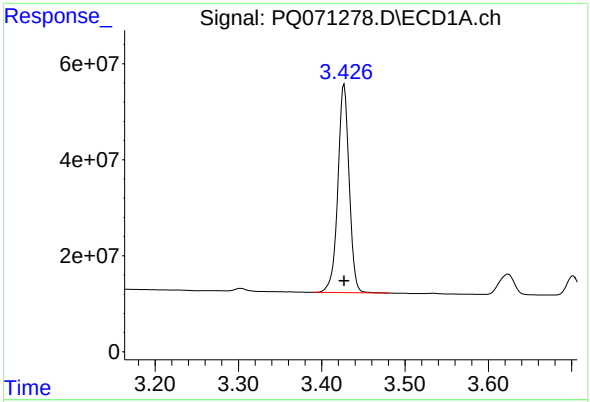
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

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



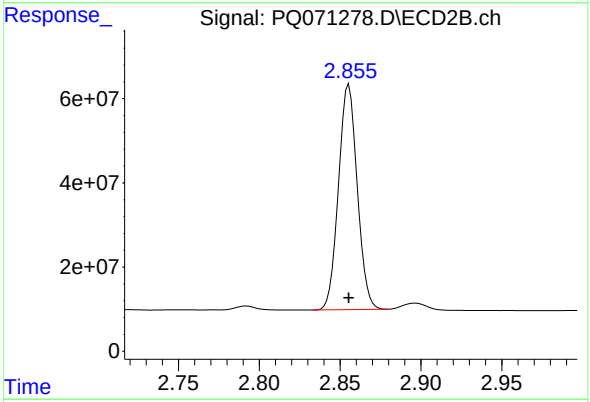




#1 Tetrachloro-m-xylene

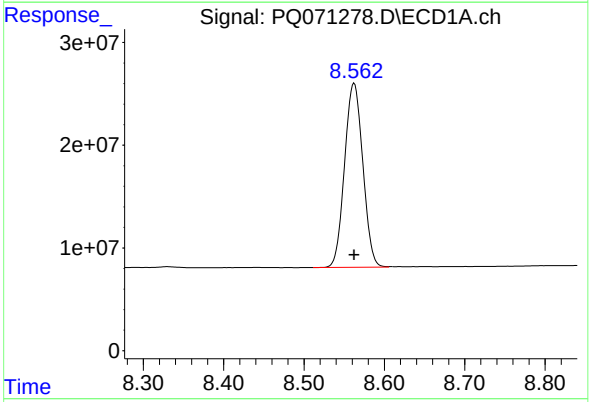
R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 409791532
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



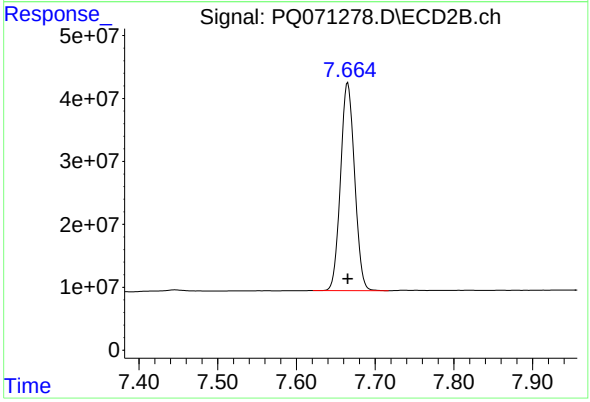
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.000 min
Response: 431878756
Conc: 50.00 ng/ml



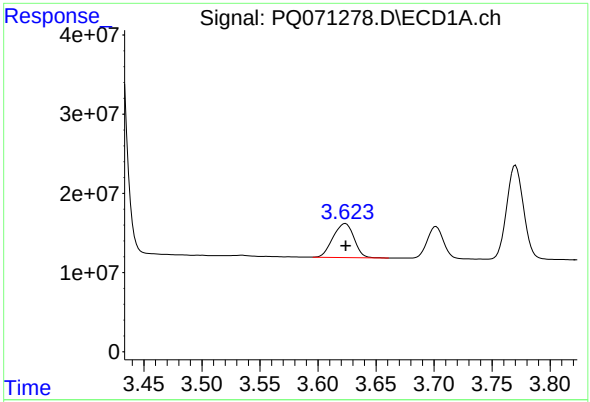
#2 Decachlorobiphenyl

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 283076384
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

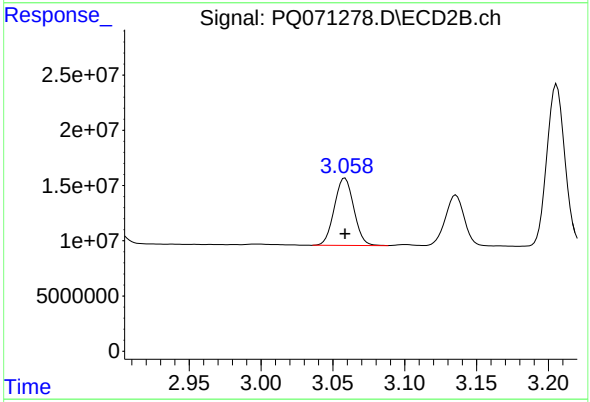
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 411039100
Conc: 50.00 ng/ml



#8 AR-1221-1

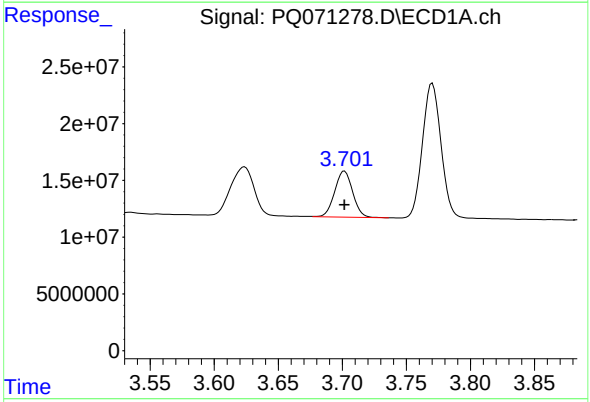
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 54243508
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



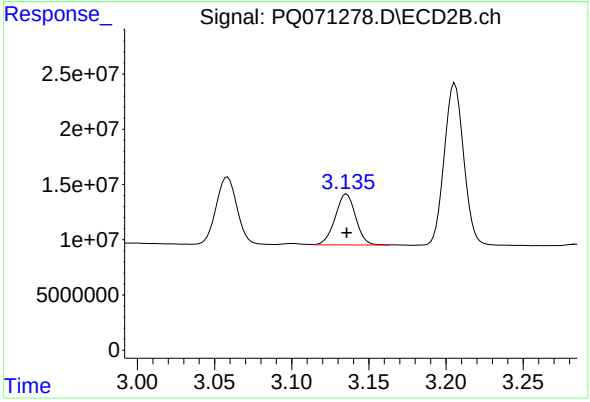
#8 AR-1221-1

R.T.: 3.058 min
Delta R.T.: 0.000 min
Response: 57460898
Conc: 500.00 ng/ml



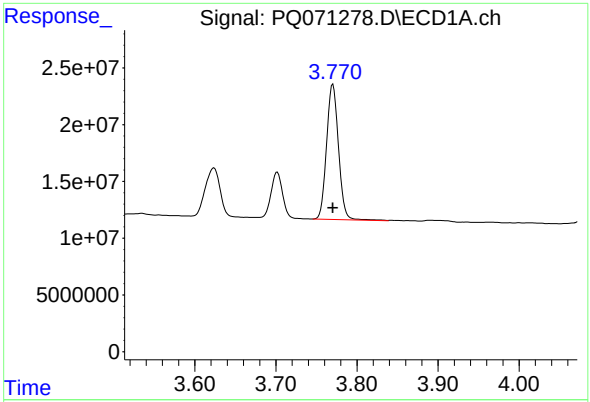
#9 AR-1221-2

R.T.: 3.702 min
Delta R.T.: 0.000 min
Response: 39664967
Conc: 500.00 ng/ml



#9 AR-1221-2

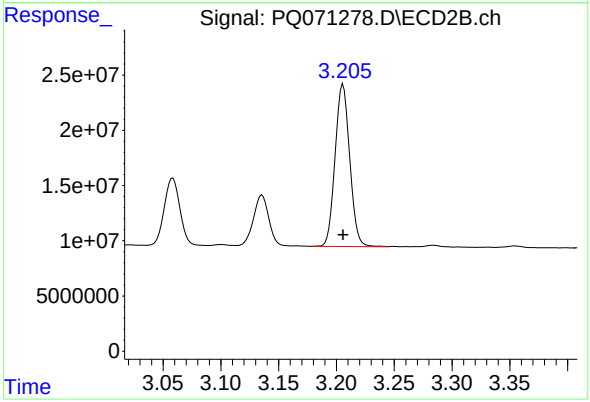
R.T.: 3.136 min
Delta R.T.: 0.000 min
Response: 42649518
Conc: 500.00 ng/ml



#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

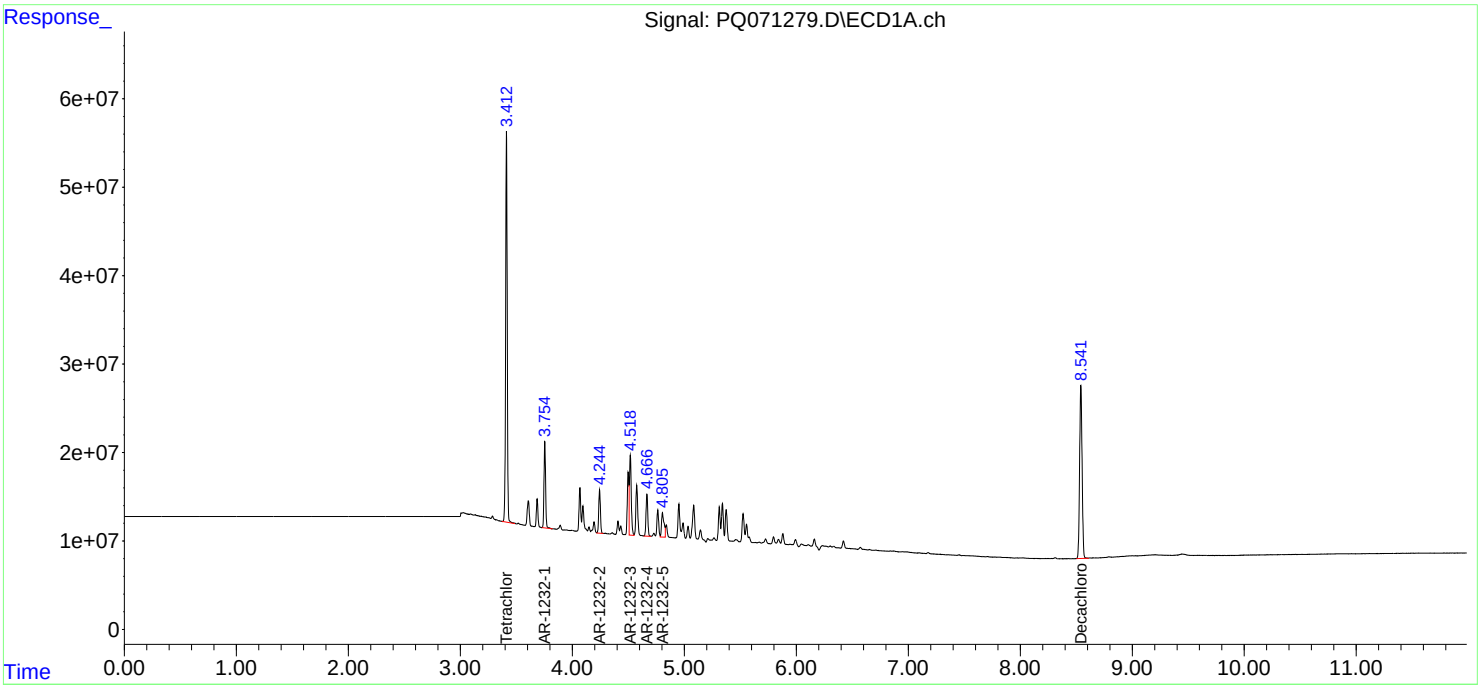
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

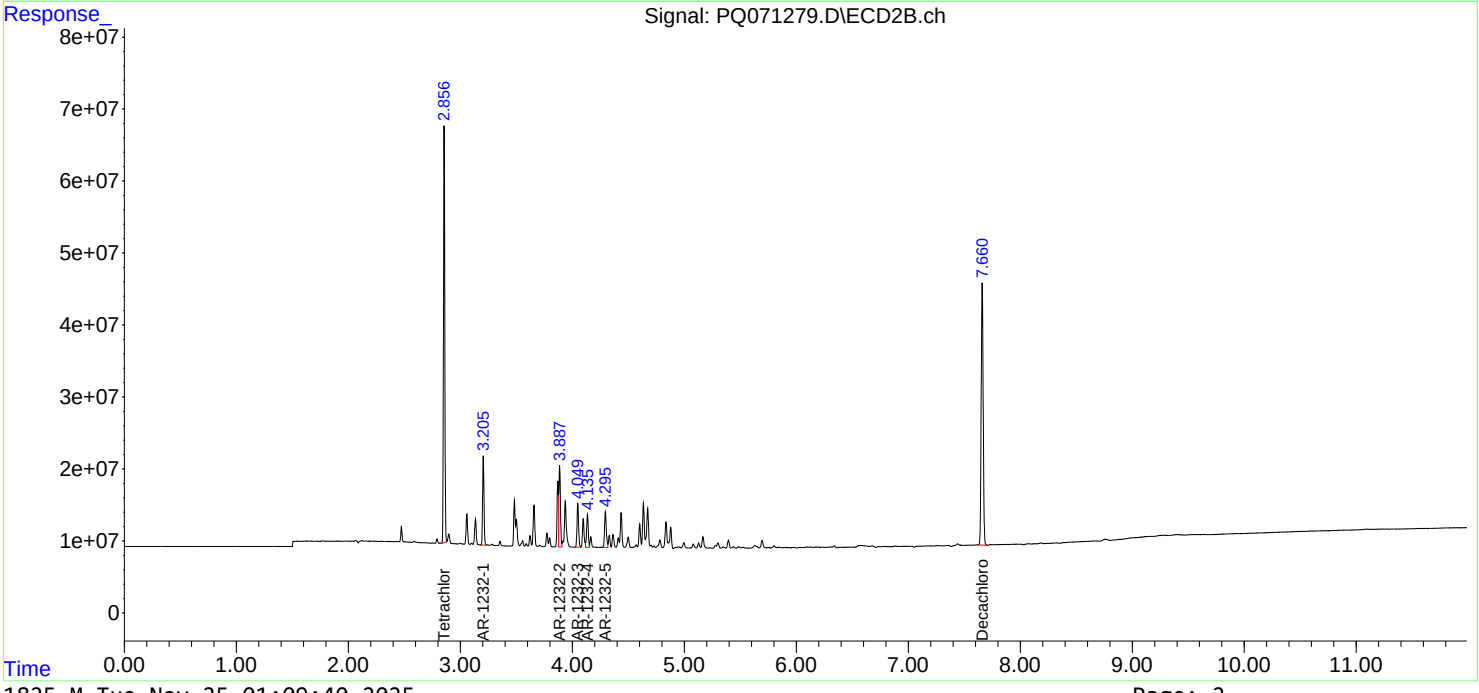
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 107 Sample Multiplier: 1

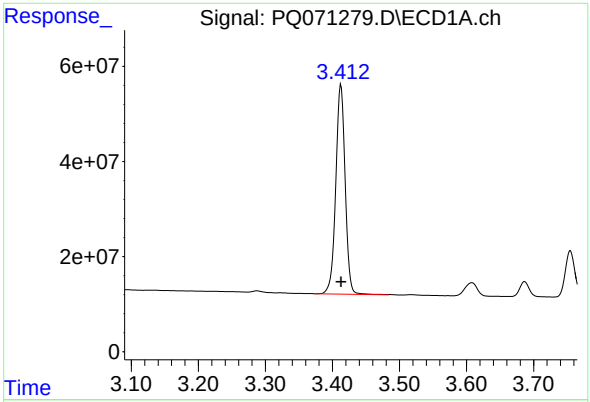
Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

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



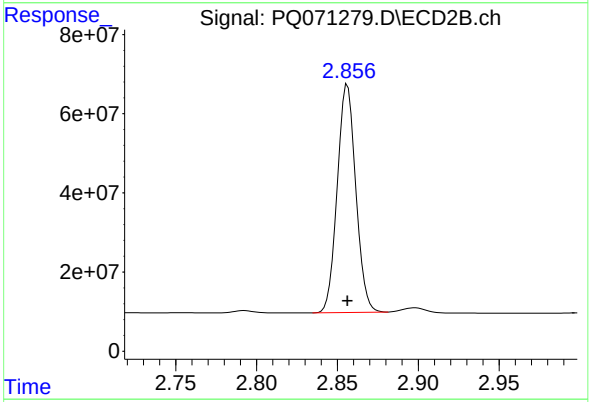




#1 Tetrachloro-m-xylene

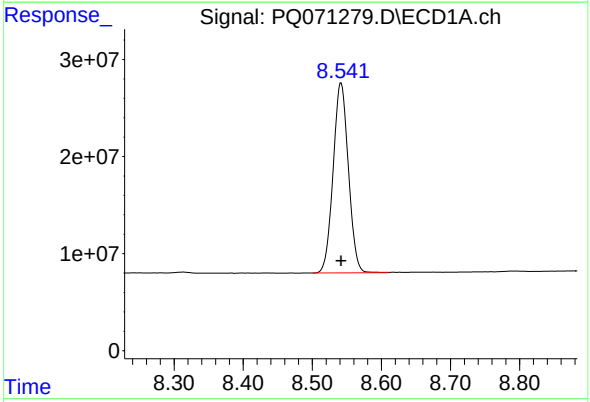
R.T.: 3.413 min
Delta R.T.: 0.000 min
Response: 427719892
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



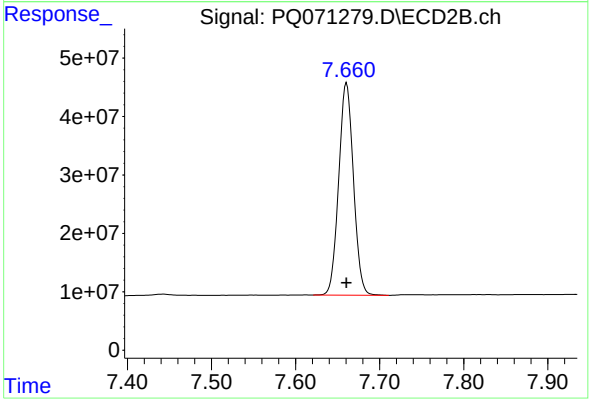
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 460063758
Conc: 50.00 ng/ml



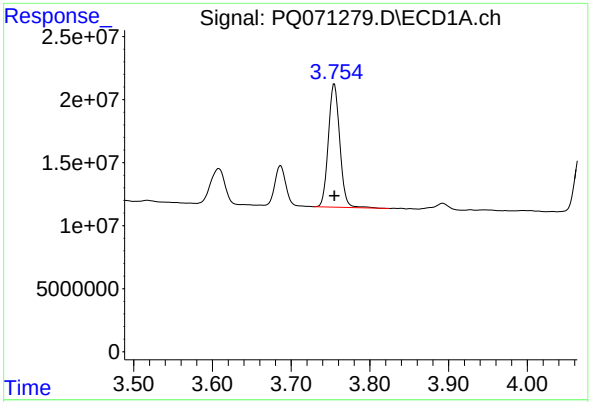
#2 Decachlorobiphenyl

R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 299961801
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

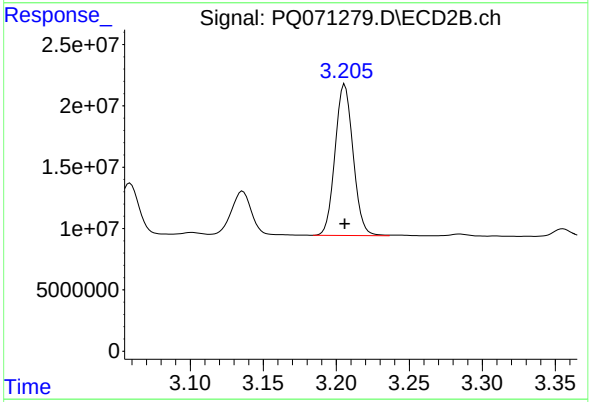
R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 442731794
Conc: 50.00 ng/ml



#11 AR-1232-1

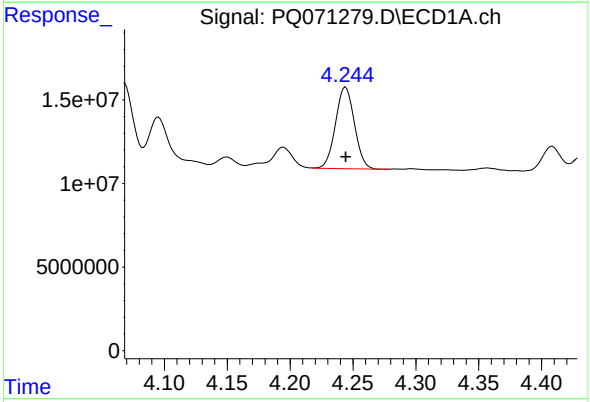
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 98692856
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



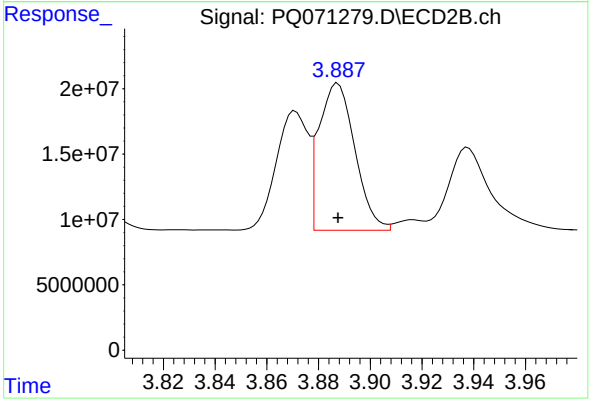
#11 AR-1232-1

R.T.: 3.206 min
Delta R.T.: 0.000 min
Response: 106016384
Conc: 500.00 ng/ml



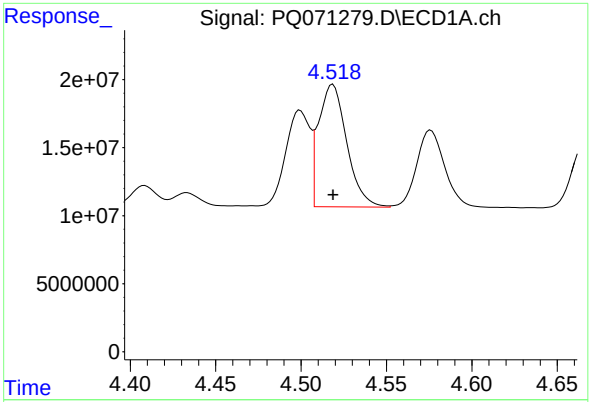
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: 0.000 min
Response: 51232788
Conc: 500.00 ng/ml



#12 AR-1232-2

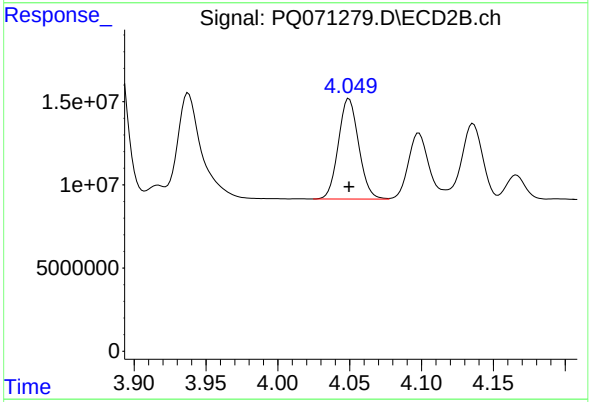
R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 108300313
Conc: 500.00 ng/ml



#13 AR-1232-3

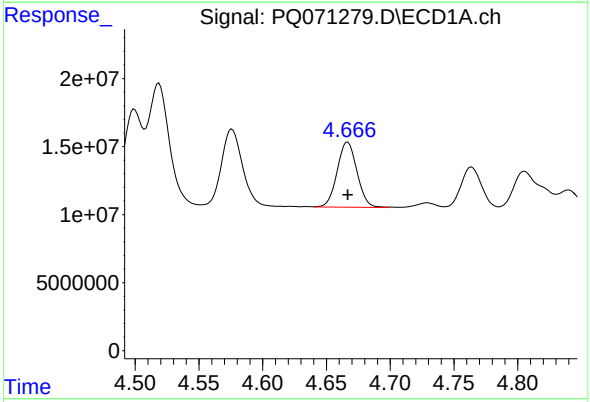
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 103594546
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



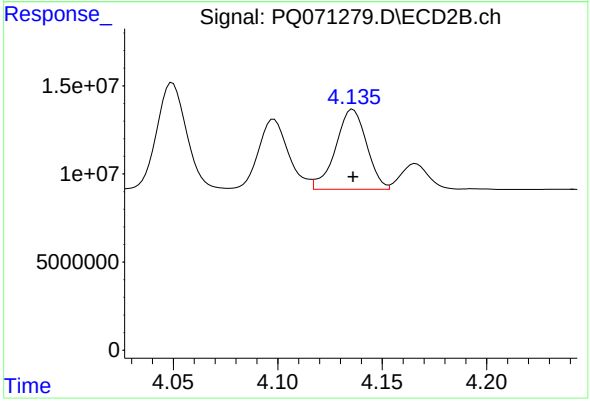
#13 AR-1232-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 59441504
Conc: 500.00 ng/ml



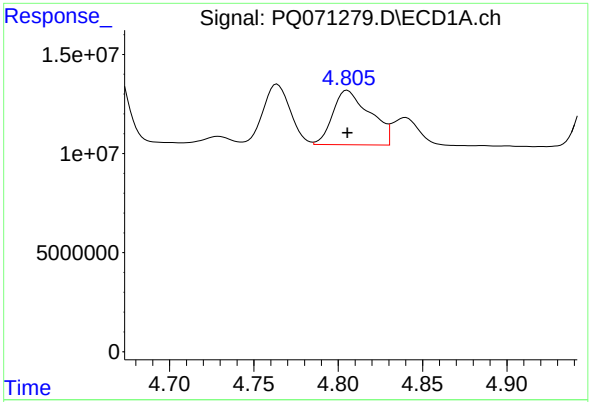
#14 AR-1232-4

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 51916319
Conc: 500.00 ng/ml



#14 AR-1232-4

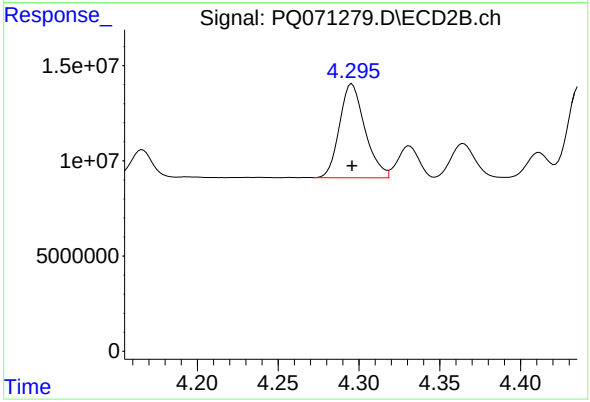
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 46947656
Conc: 500.00 ng/ml



#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

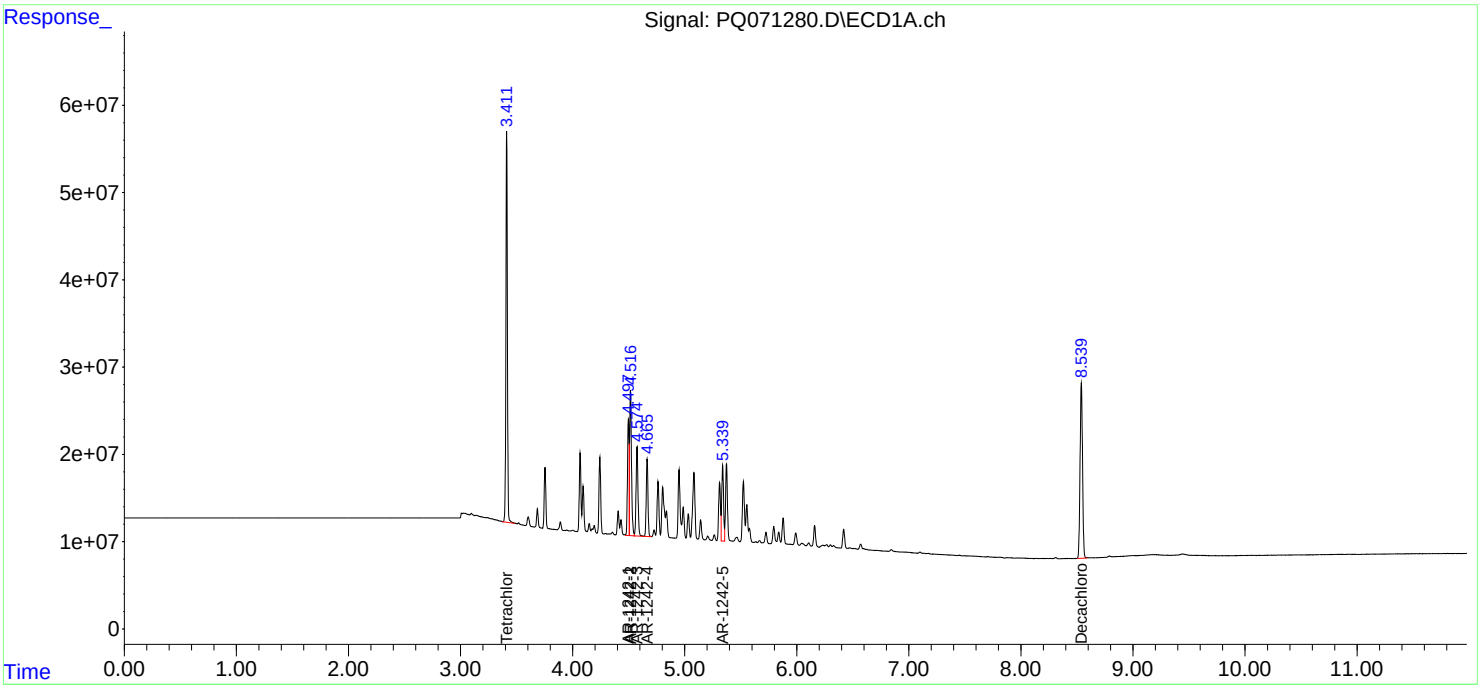
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

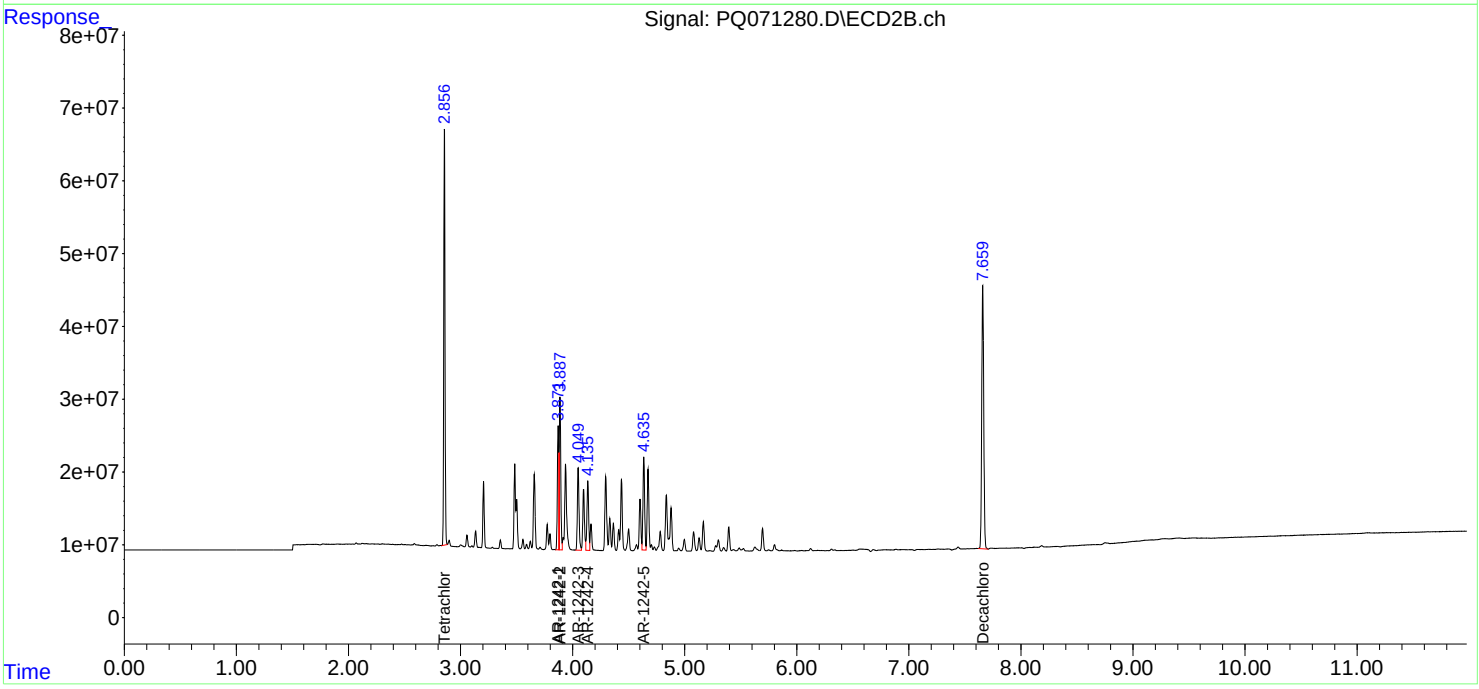
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:54
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 108 Sample Multiplier: 1

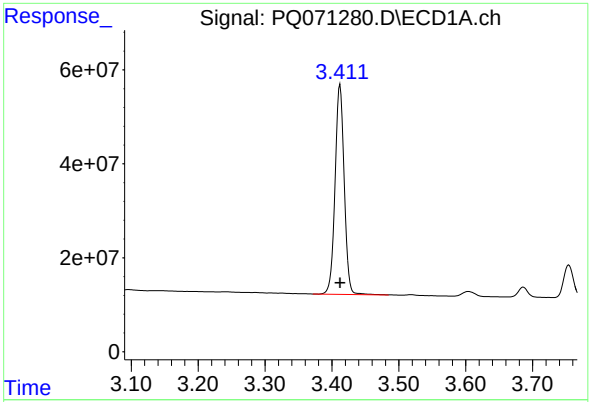
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

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



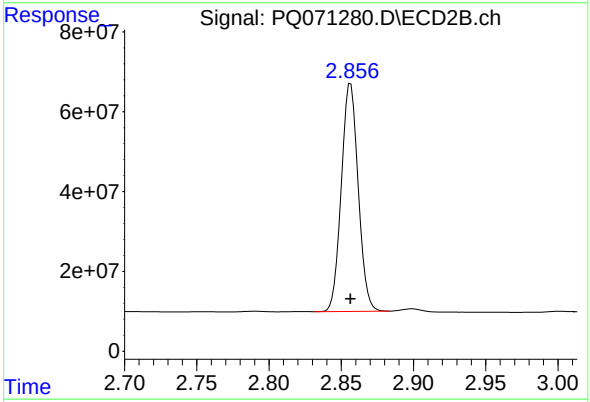




#1 Tetrachloro-m-xylene

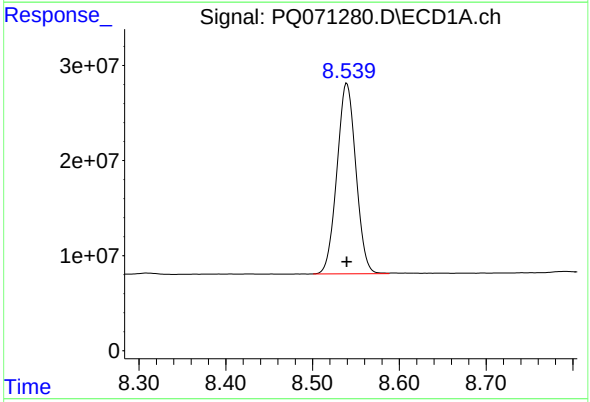
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 422903513
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



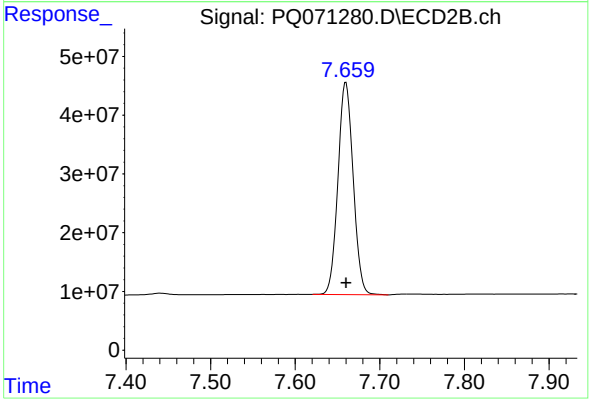
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 462421813
Conc: 50.00 ng/ml



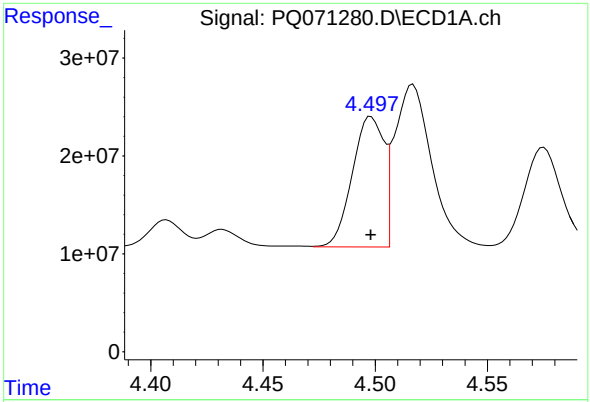
#2 Decachlorobiphenyl

R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 304595978
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

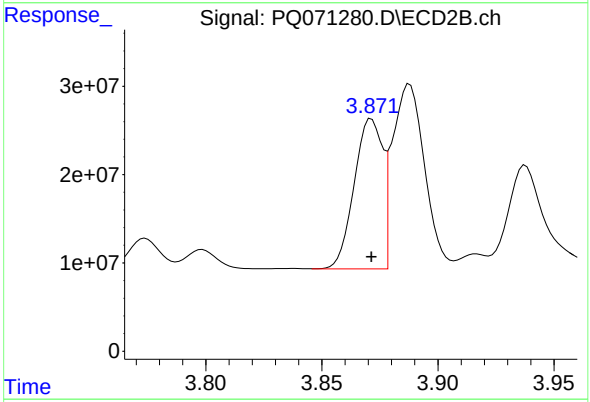
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 451428584
Conc: 50.00 ng/ml



#16 AR-1242-1

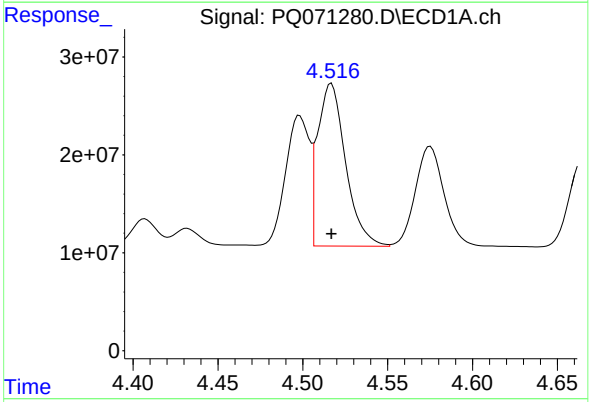
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 130368395
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



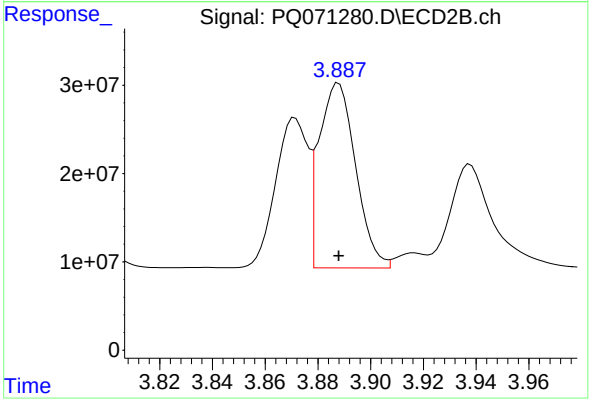
#16 AR-1242-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 144758213
Conc: 500.00 ng/ml



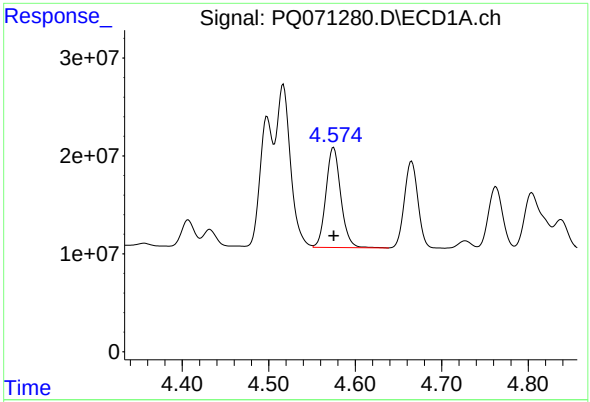
#17 AR-1242-2

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 190387634
Conc: 500.00 ng/ml



#17 AR-1242-2

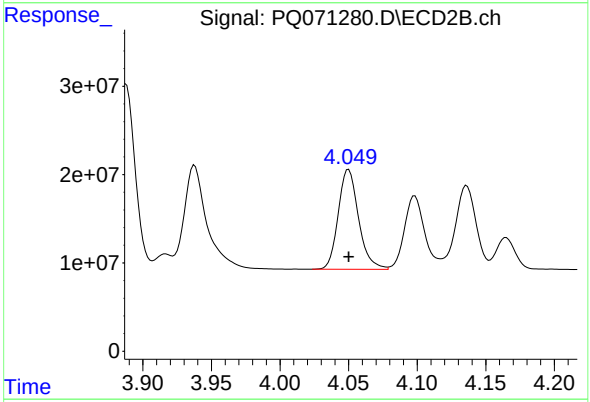
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 201416778
Conc: 500.00 ng/ml



#18 AR-1242-3

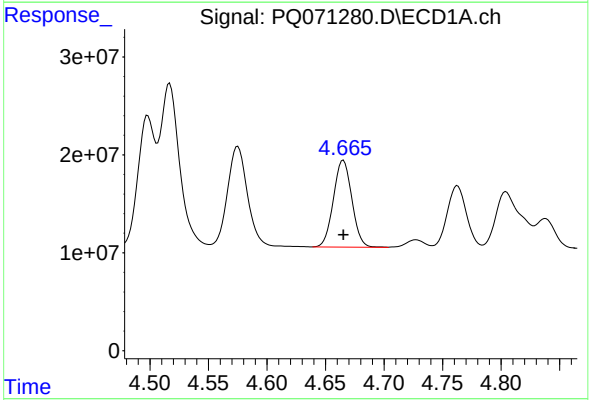
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 121622107
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



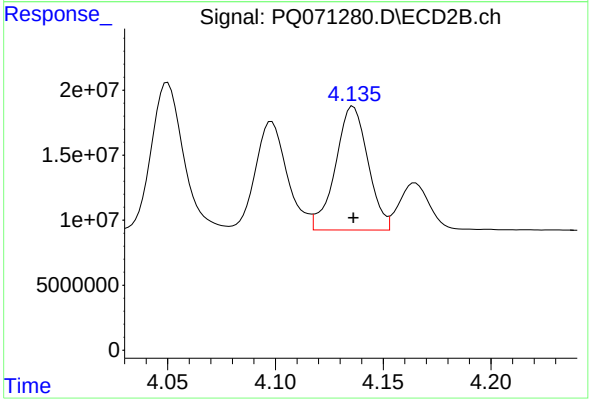
#18 AR-1242-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 116947785
Conc: 500.00 ng/ml



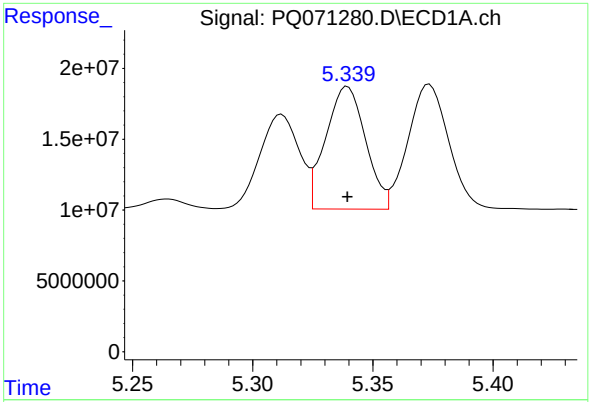
#19 AR-1242-4

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 97156871
Conc: 500.00 ng/ml



#19 AR-1242-4

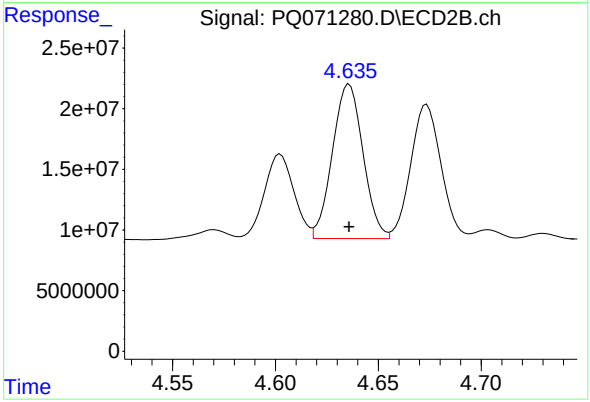
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 99914472
Conc: 500.00 ng/ml



#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

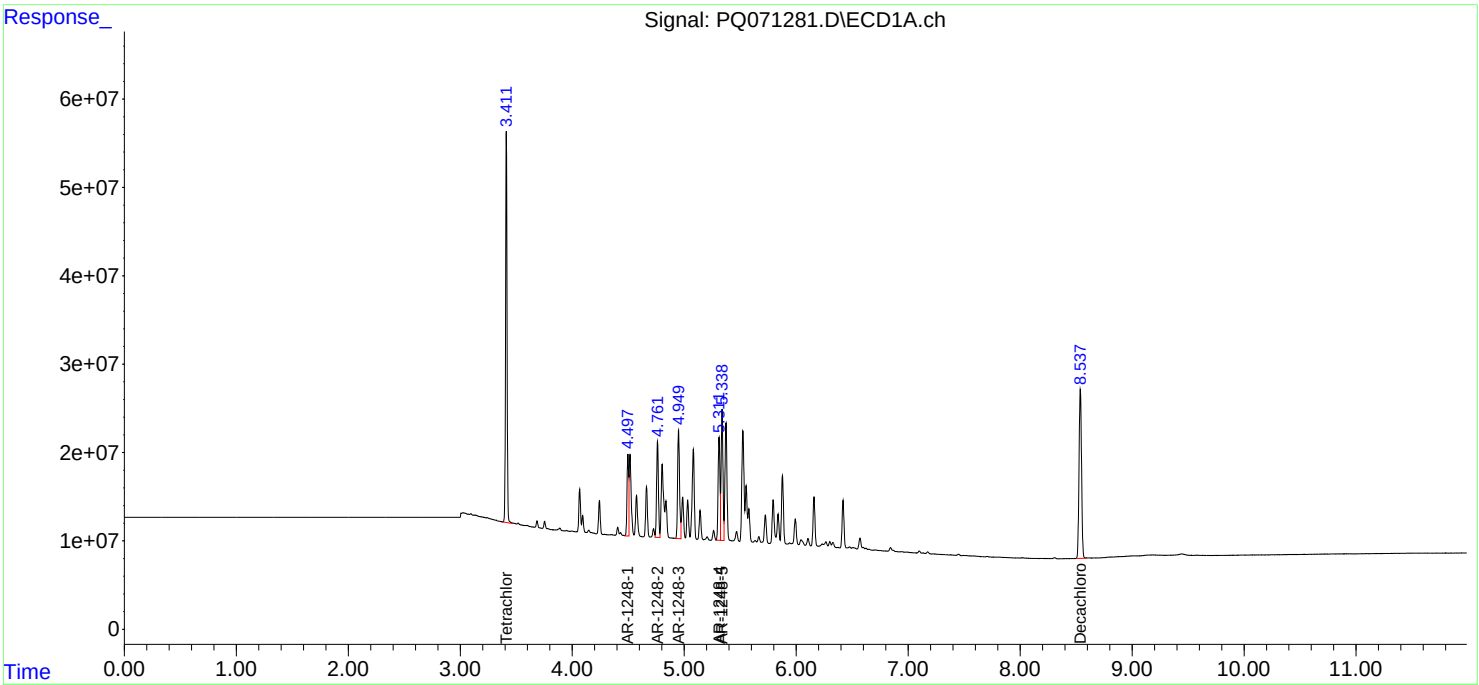
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

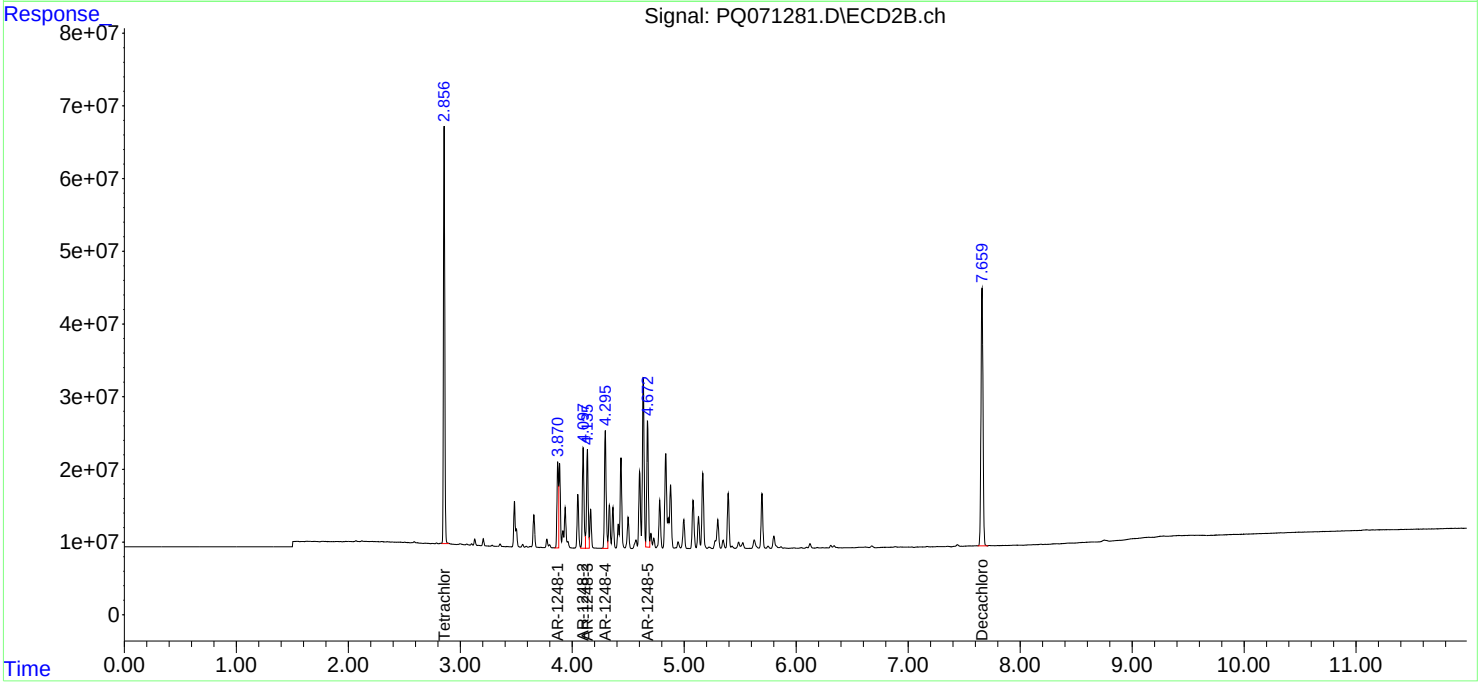
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:08
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 109 Sample Multiplier: 1

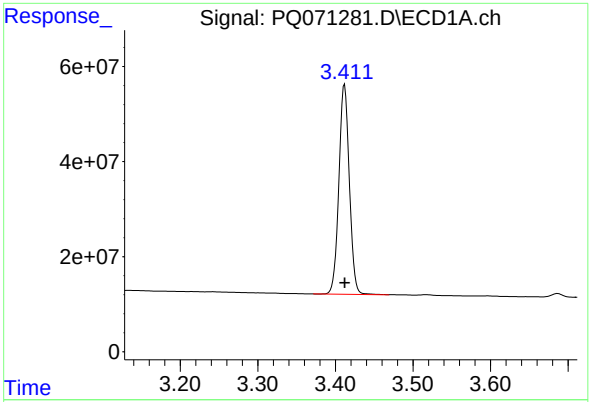
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

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



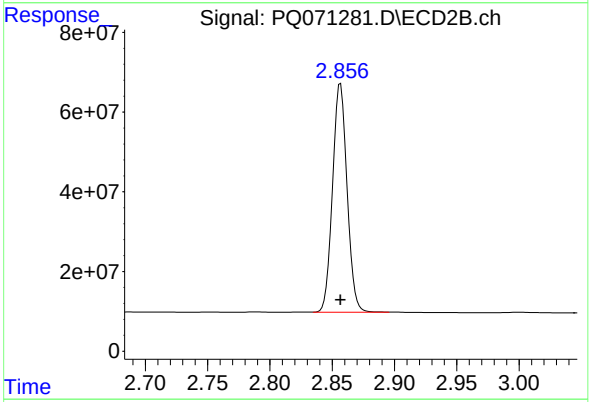




#1 Tetrachloro-m-xylene

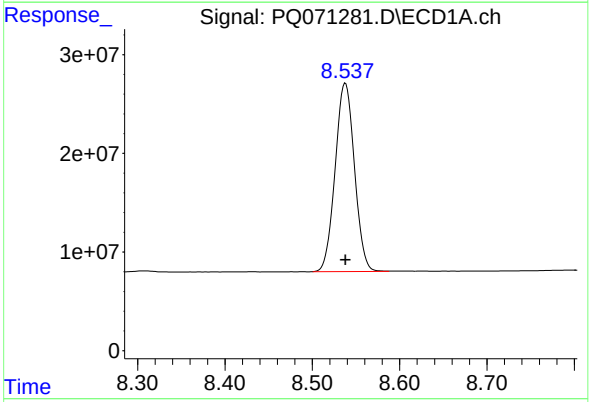
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 415172258
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



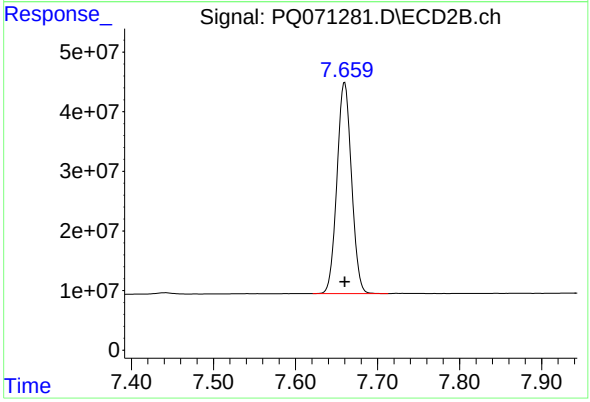
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 465513499
Conc: 50.00 ng/ml



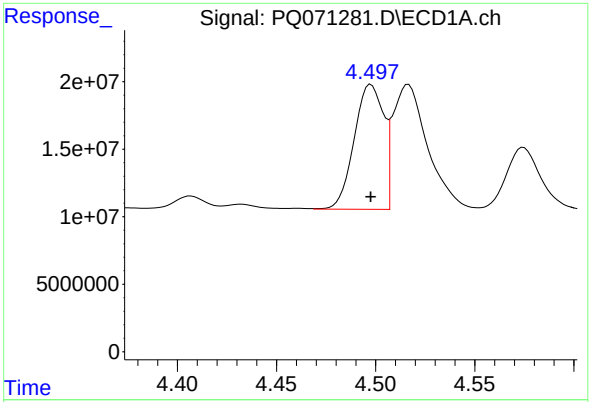
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 293475040
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

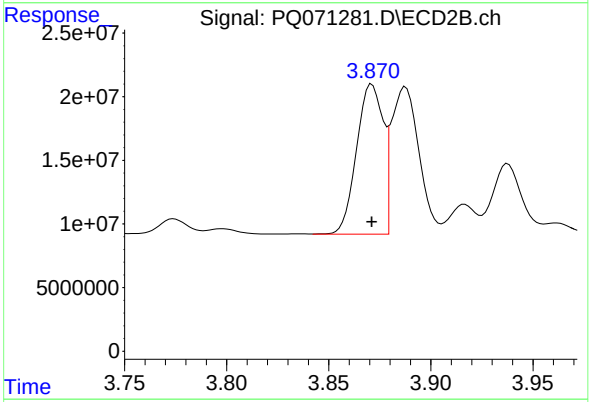
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 436163990
Conc: 50.00 ng/ml



#21 AR-1248-1

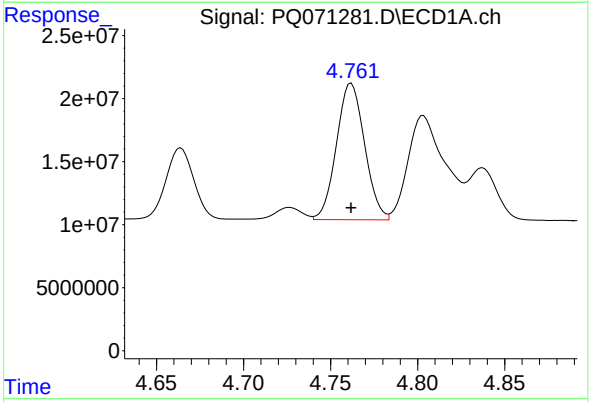
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 95247166
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



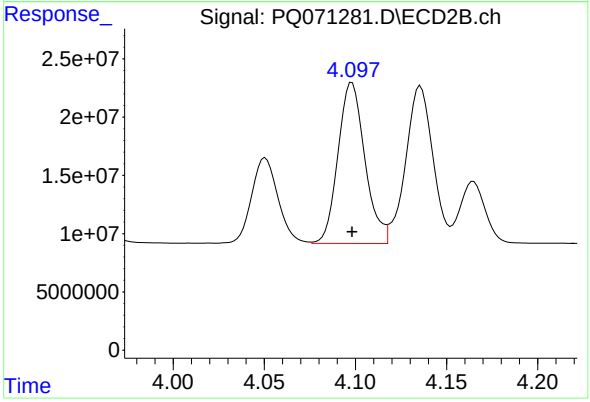
#21 AR-1248-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 106438129
Conc: 500.00 ng/ml



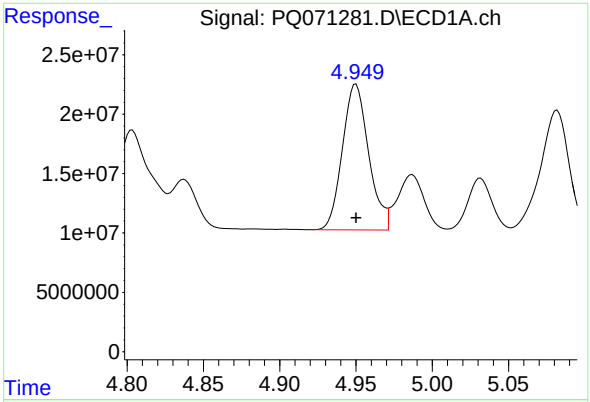
#22 AR-1248-2

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 121643540
Conc: 500.00 ng/ml



#22 AR-1248-2

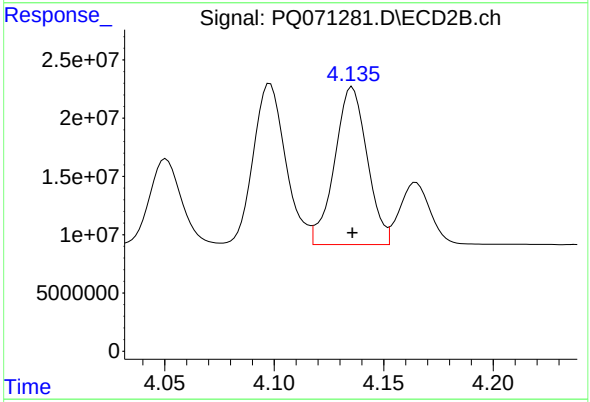
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 142008582
Conc: 500.00 ng/ml



#23 AR-1248-3

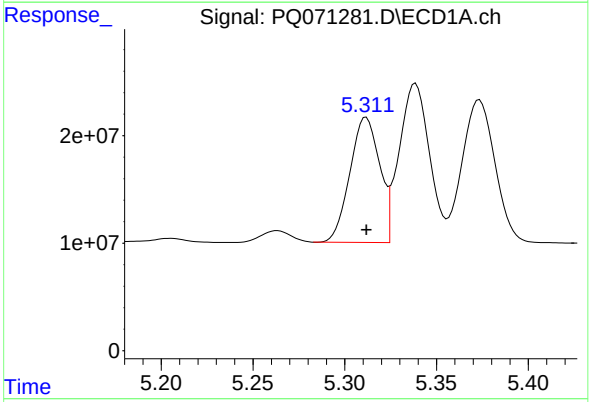
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 146912906
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



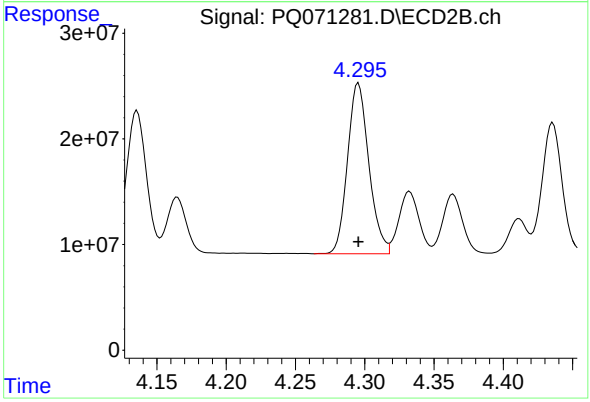
#23 AR-1248-3

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 140056314
Conc: 500.00 ng/ml



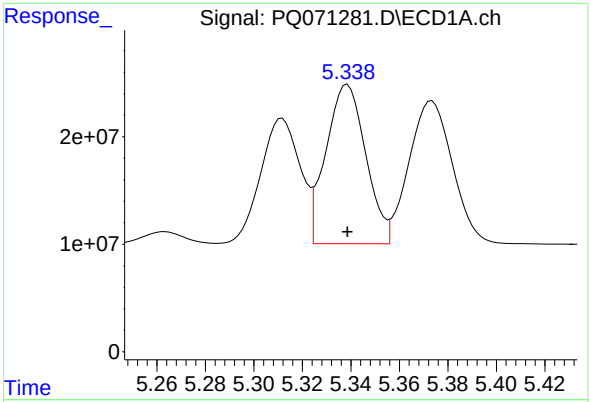
#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 131439045
Conc: 500.00 ng/ml



#24 AR-1248-4

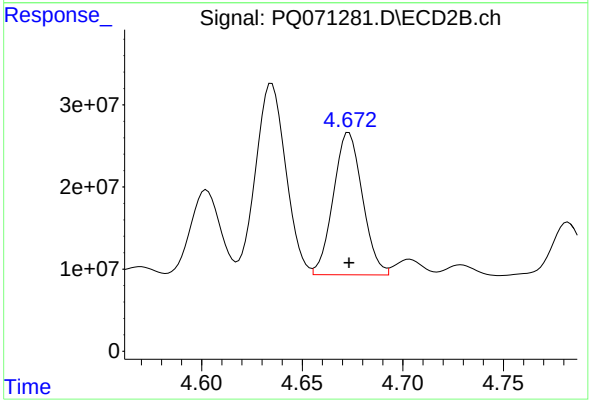
R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 173192057
Conc: 500.00 ng/ml



#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

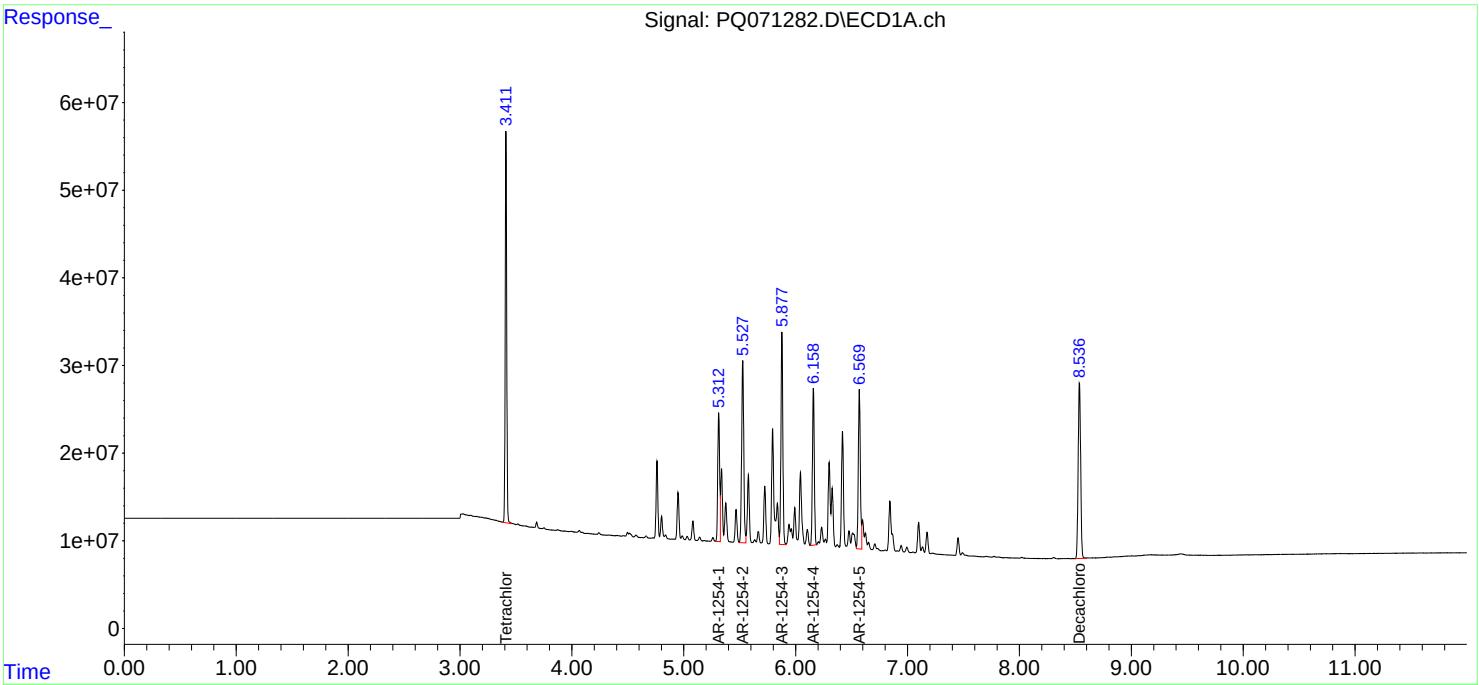
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

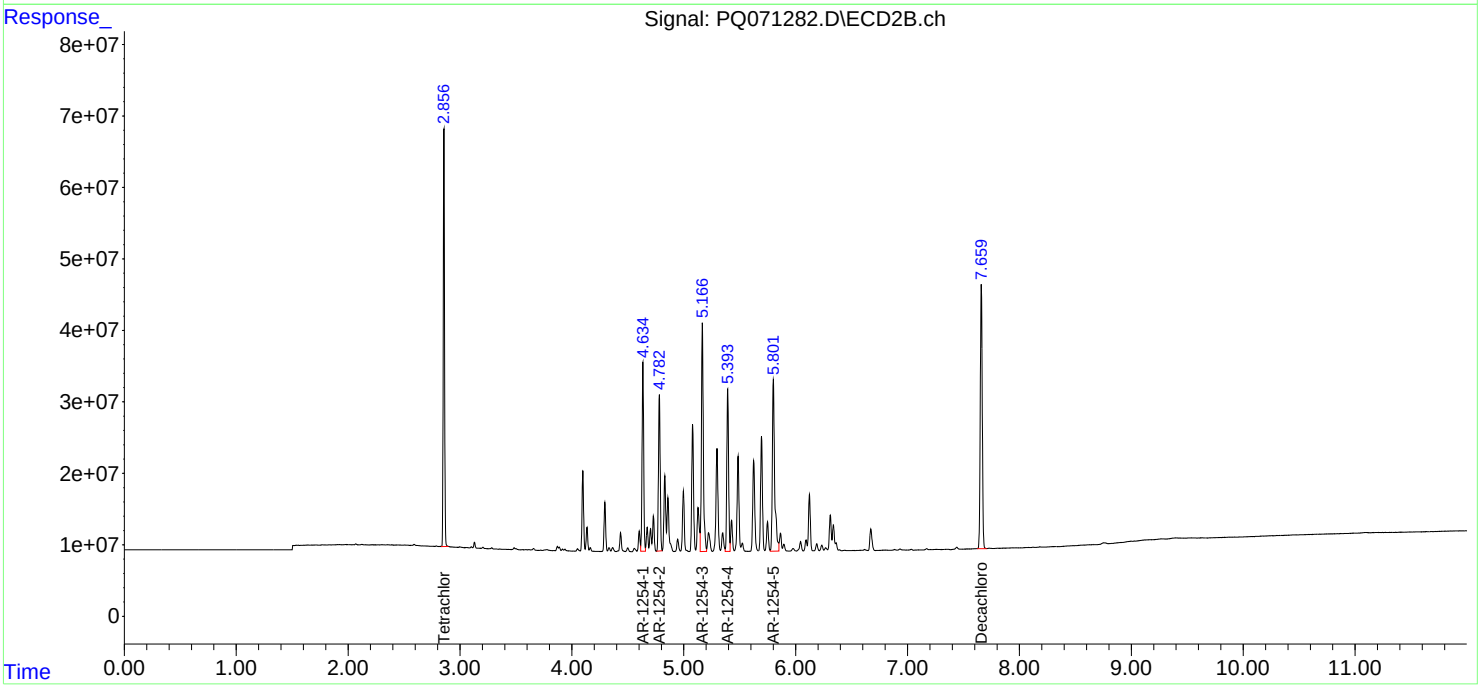
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:23
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 110 Sample Multiplier: 1

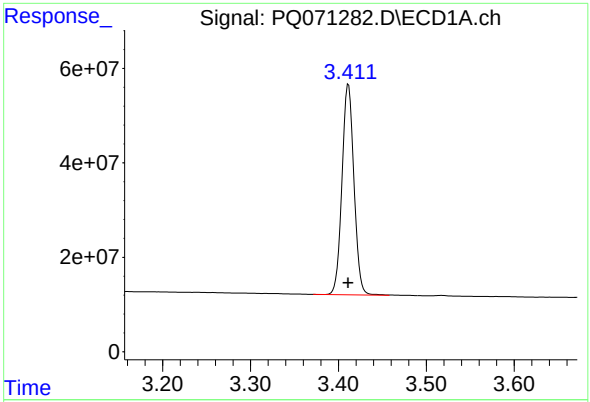
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

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



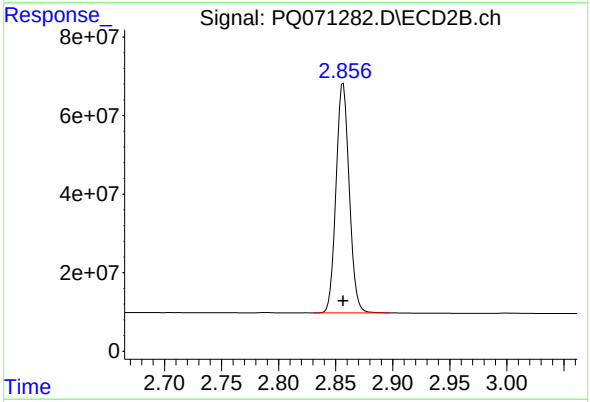




#1 Tetrachloro-m-xylene

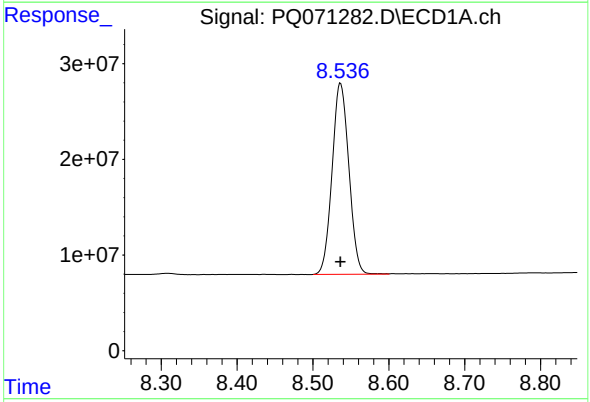
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 421835631
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



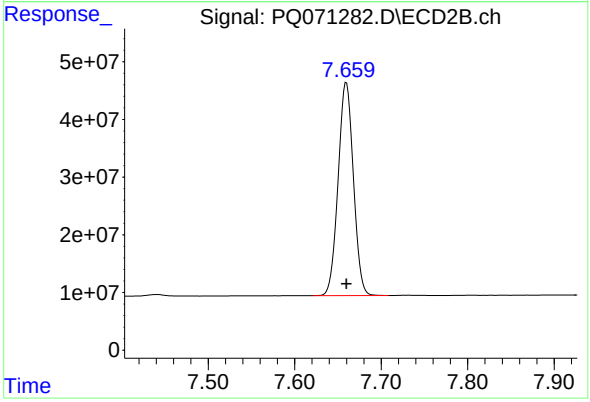
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 469785175
Conc: 50.00 ng/ml



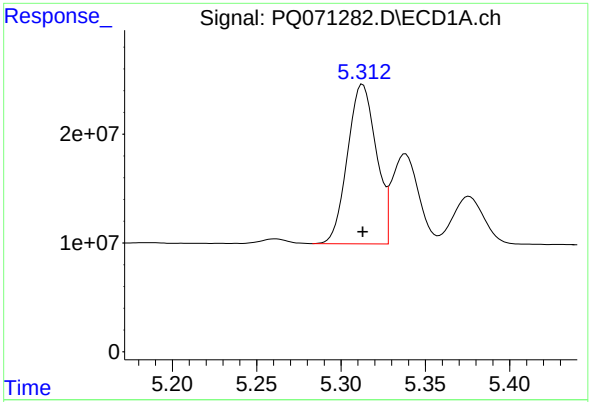
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 306652362
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

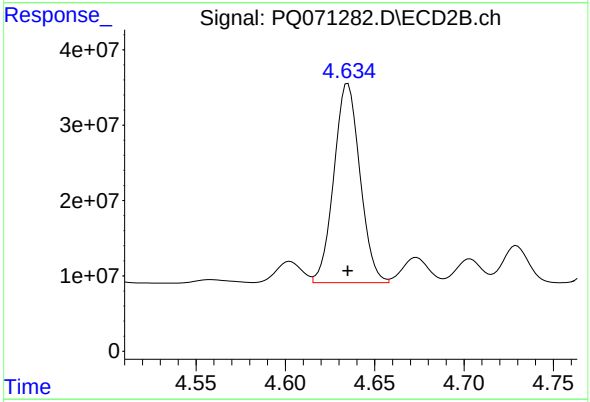
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 450219242
Conc: 50.00 ng/ml



#26 AR-1254-1

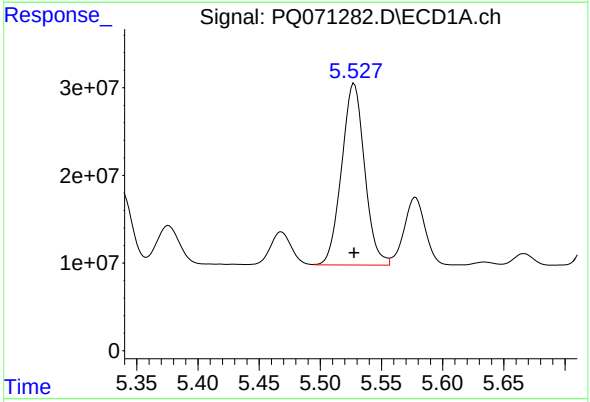
R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 173680051
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



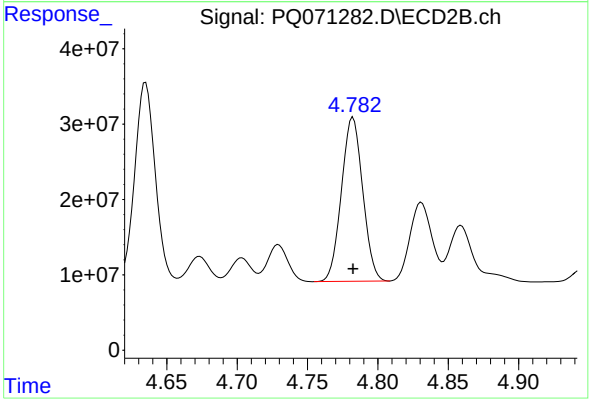
#26 AR-1254-1

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 267934404
Conc: 500.00 ng/ml



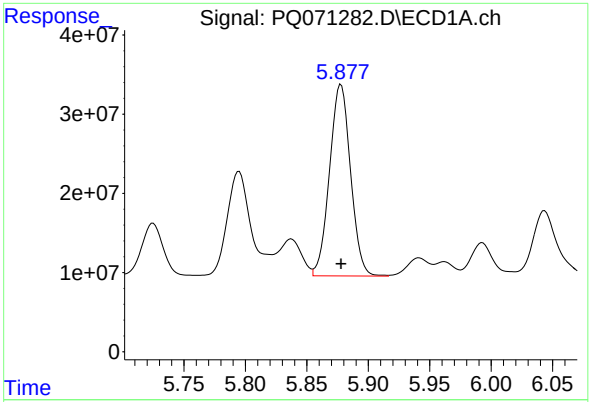
#27 AR-1254-2

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 270911577
Conc: 500.00 ng/ml



#27 AR-1254-2

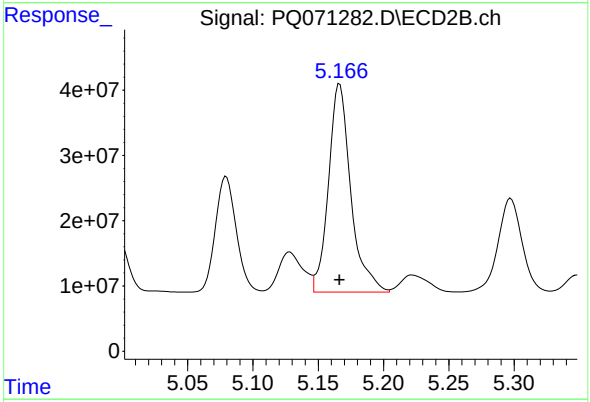
R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 229390705
Conc: 500.00 ng/ml



#28 AR-1254-3

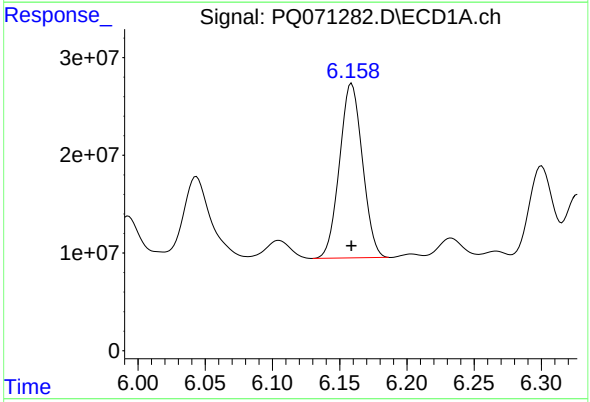
R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 287915038
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



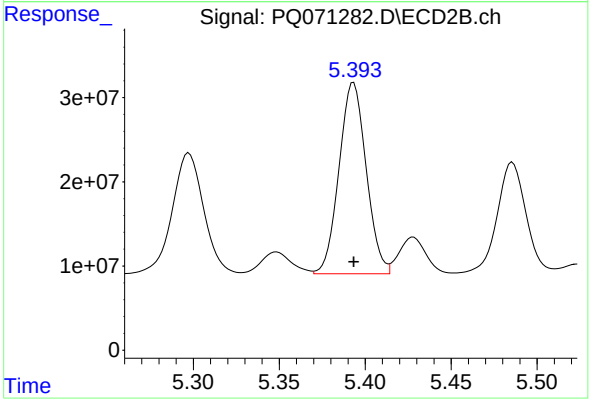
#28 AR-1254-3

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 379649643
Conc: 500.00 ng/ml



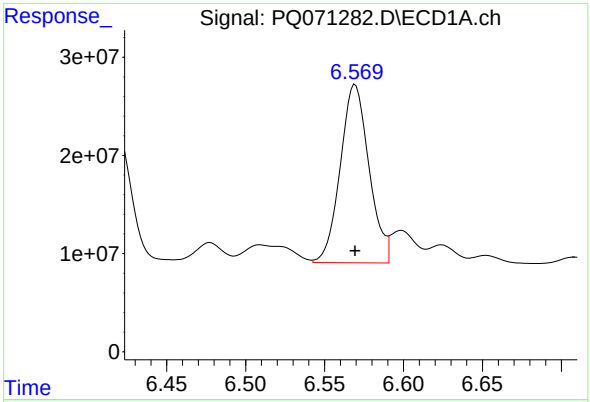
#29 AR-1254-4

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 211245059
Conc: 500.00 ng/ml



#29 AR-1254-4

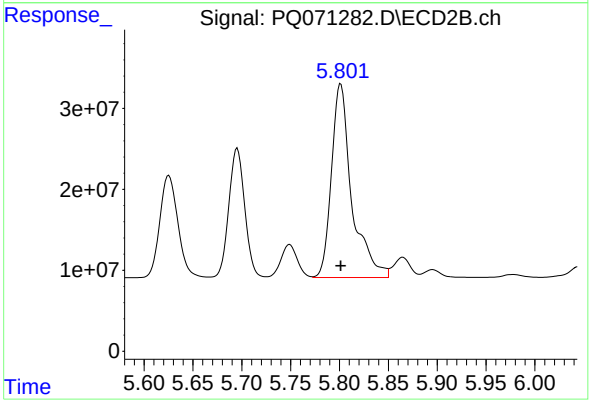
R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 249908850
Conc: 500.00 ng/ml



#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

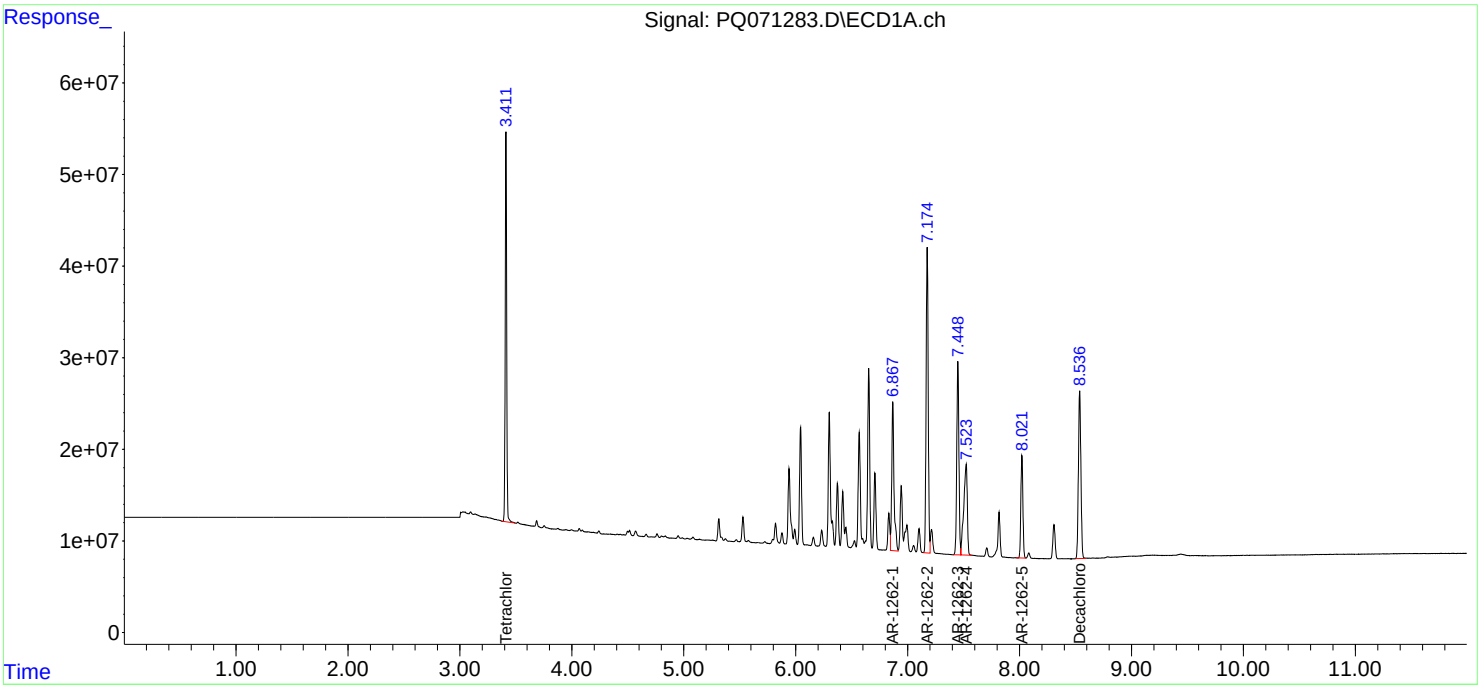
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

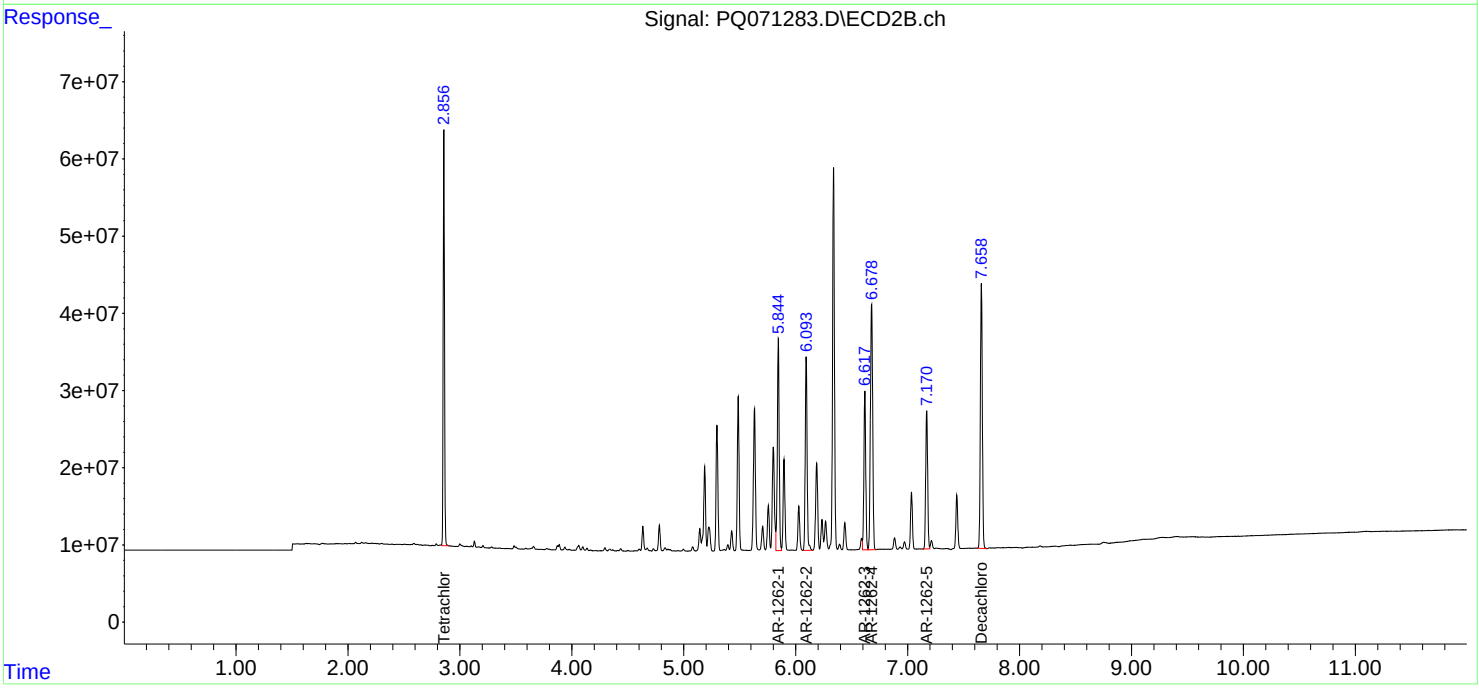
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:37
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 111 Sample Multiplier: 1

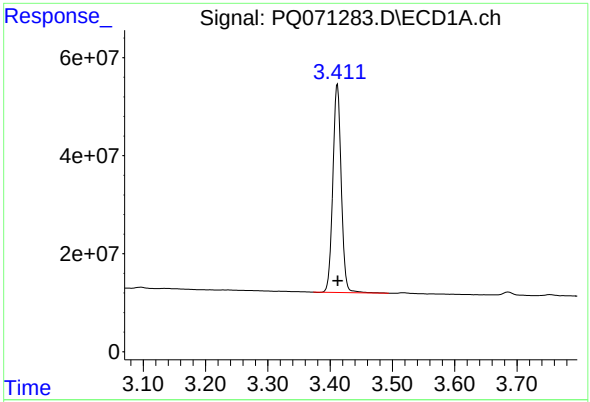
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

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



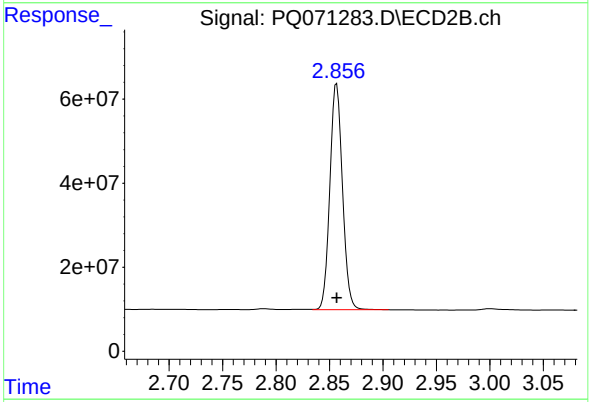




#1 Tetrachloro-m-xylene

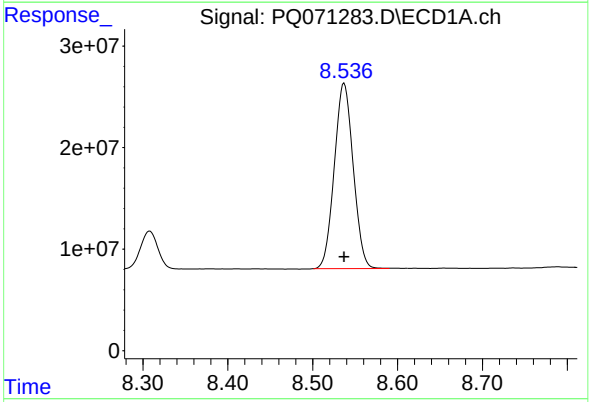
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 397359526
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



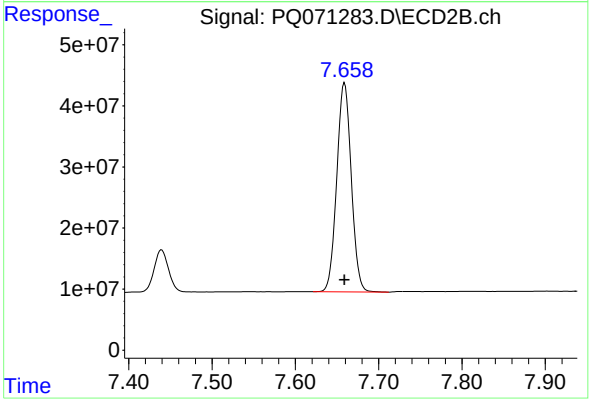
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 440482536
Conc: 50.00 ng/ml



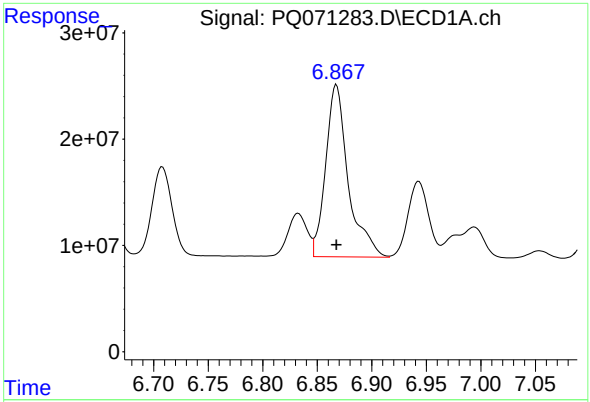
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 282269852
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

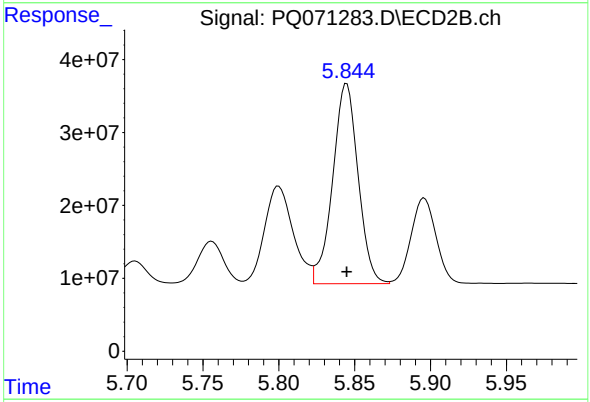
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 413775408
Conc: 50.00 ng/ml



#36 AR-1262-1

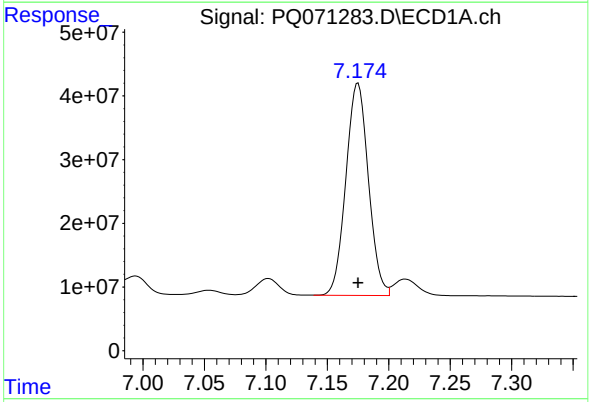
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 233323011
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



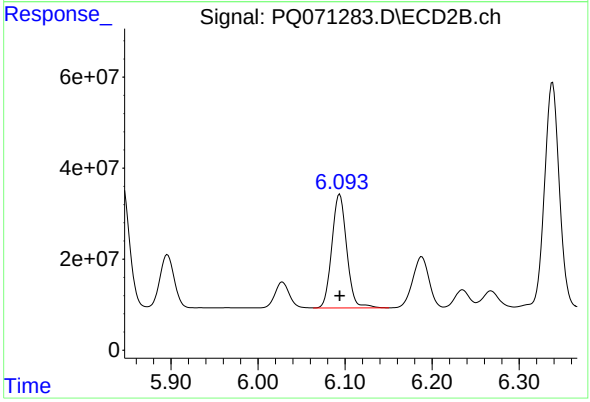
#36 AR-1262-1

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 319754851
Conc: 500.00 ng/ml



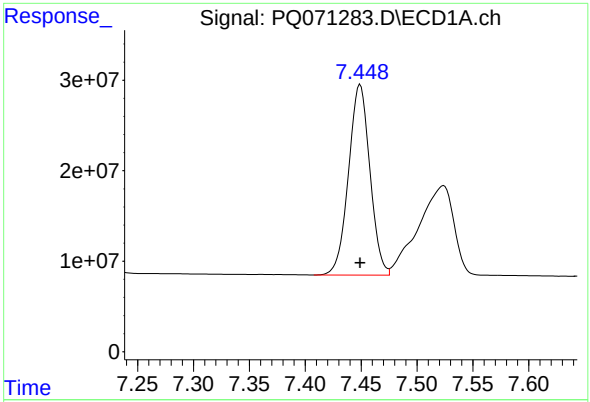
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 425161976
Conc: 500.00 ng/ml



#37 AR-1262-2

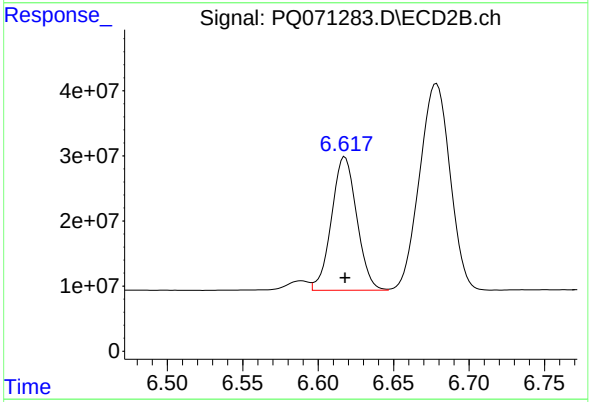
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 297170097
Conc: 500.00 ng/ml



#38 AR-1262-3

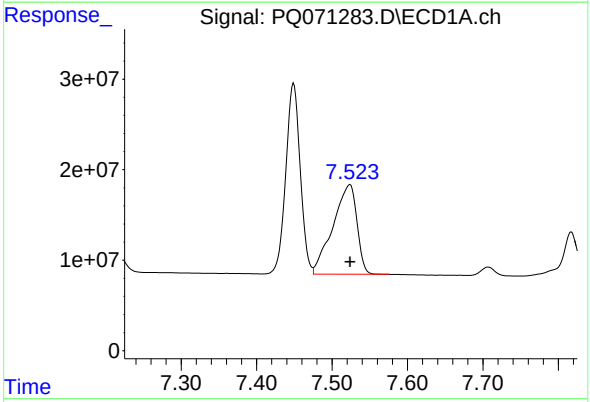
R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 280435199
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



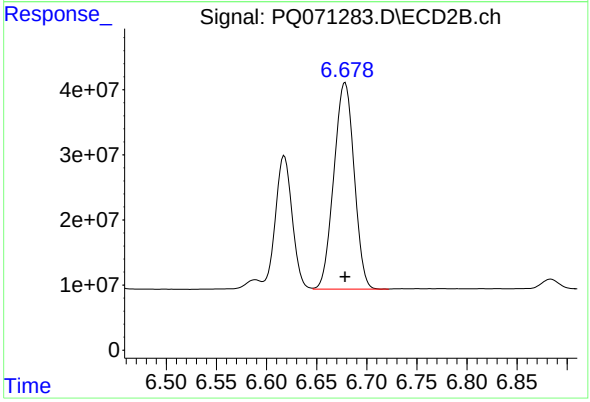
#38 AR-1262-3

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 238828993
Conc: 500.00 ng/ml



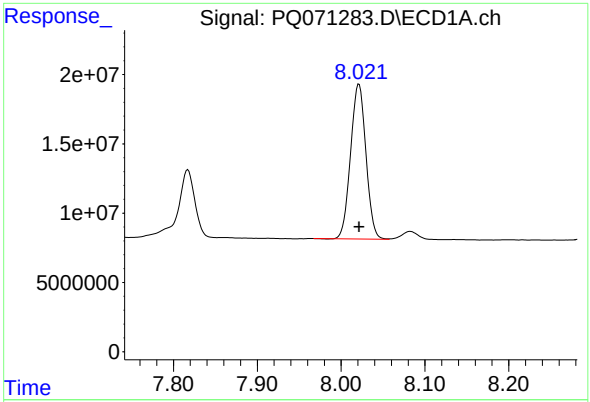
#39 AR-1262-4

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 219133752
Conc: 500.00 ng/ml



#39 AR-1262-4

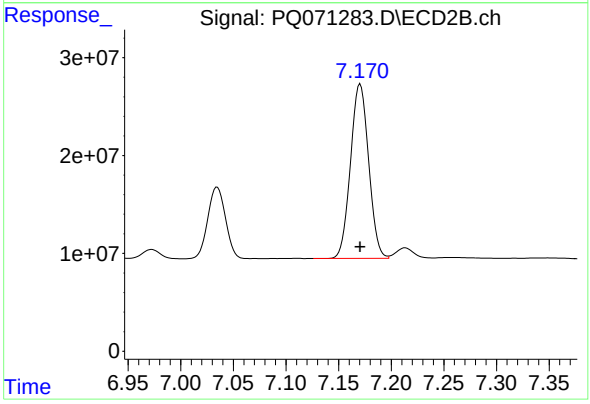
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 447174978
Conc: 500.00 ng/ml



#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

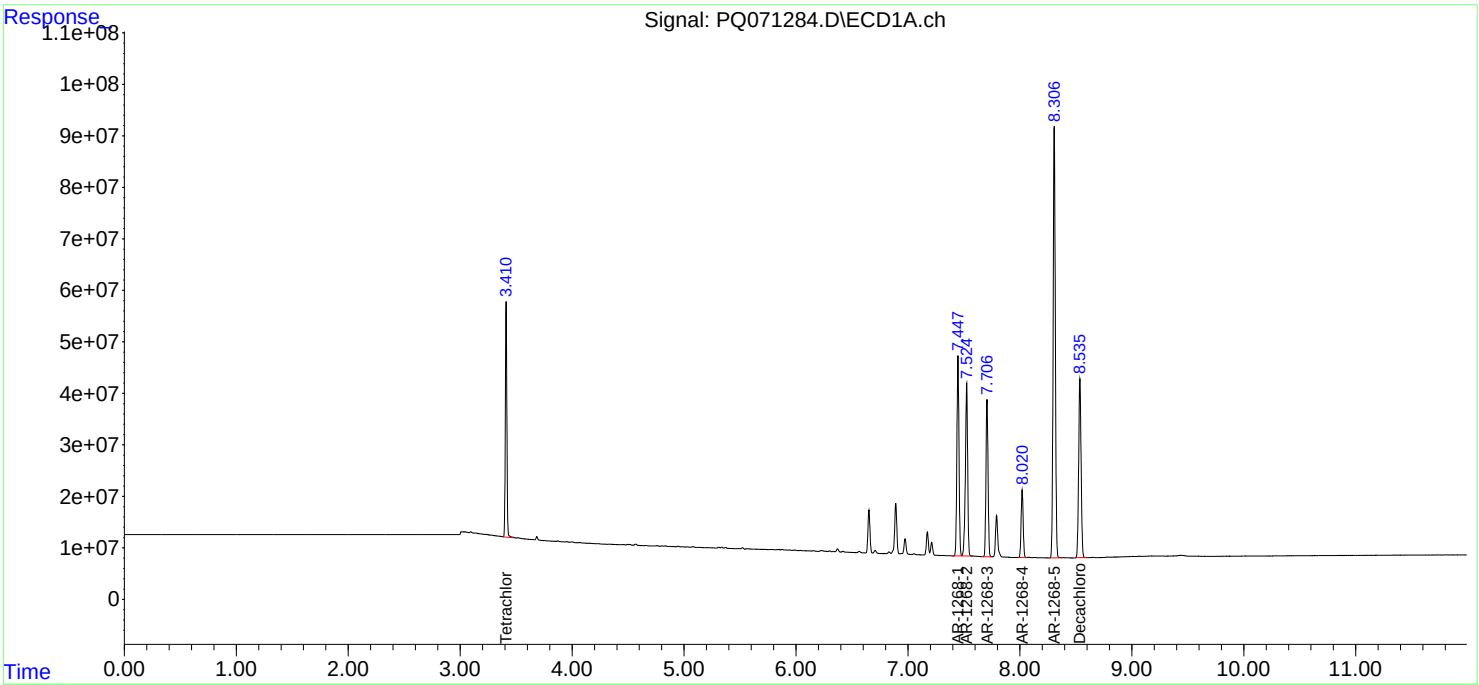
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

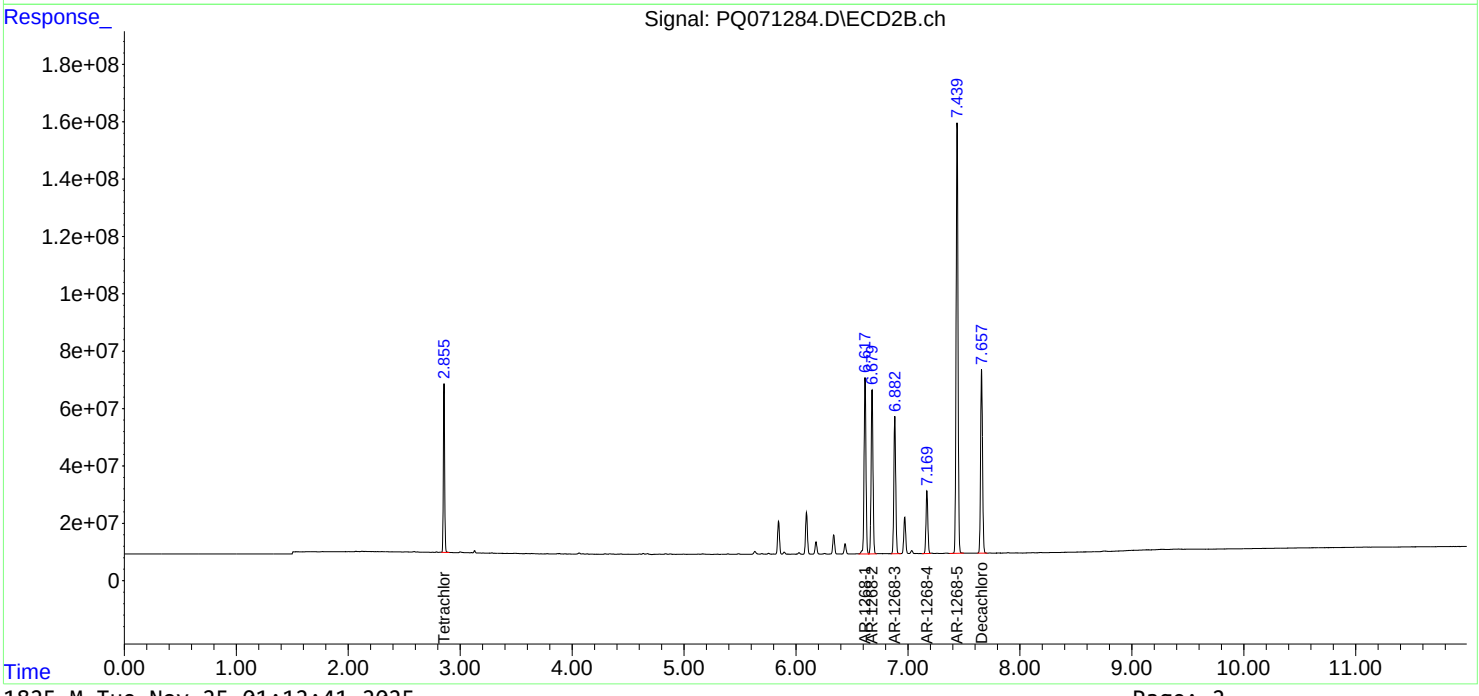
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:52
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 112 Sample Multiplier: 1

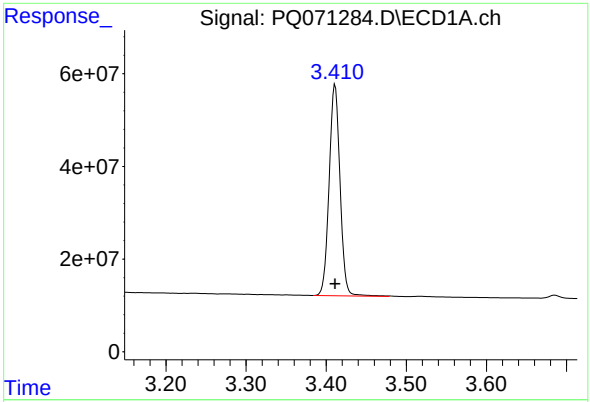
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

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



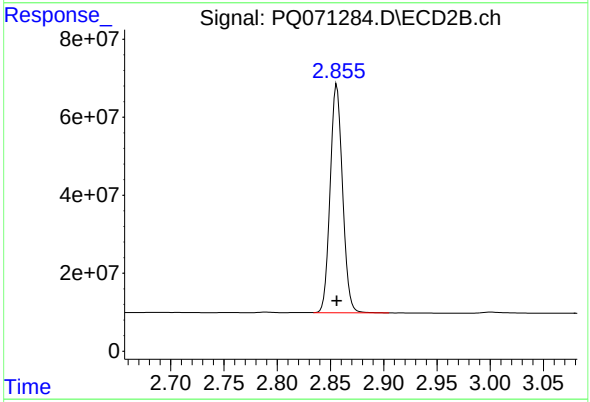




#1 Tetrachloro-m-xylene

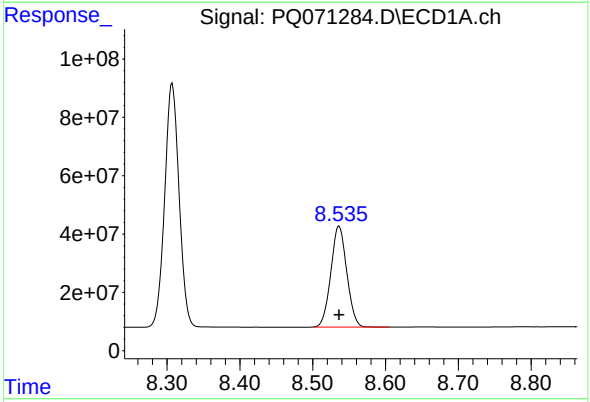
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 429979015
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



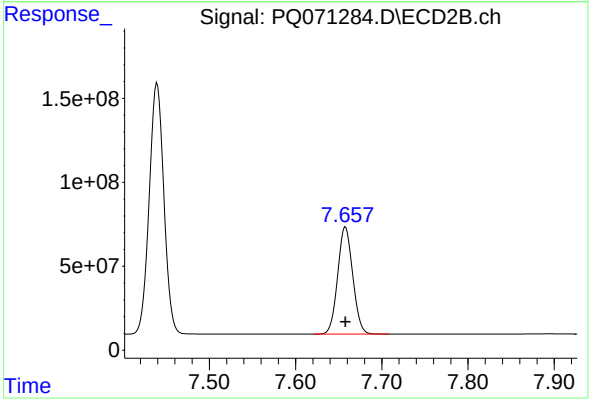
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 474109049
Conc: 50.00 ng/ml



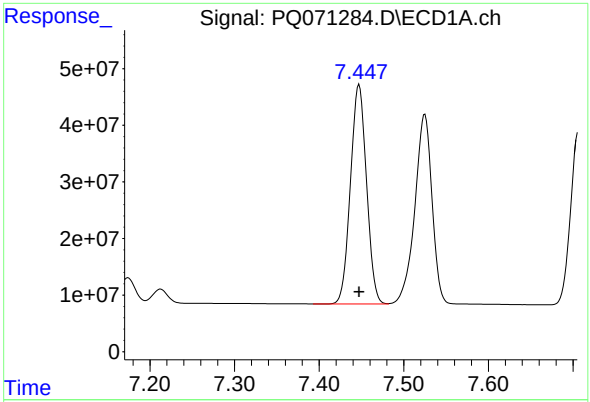
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 526004699
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

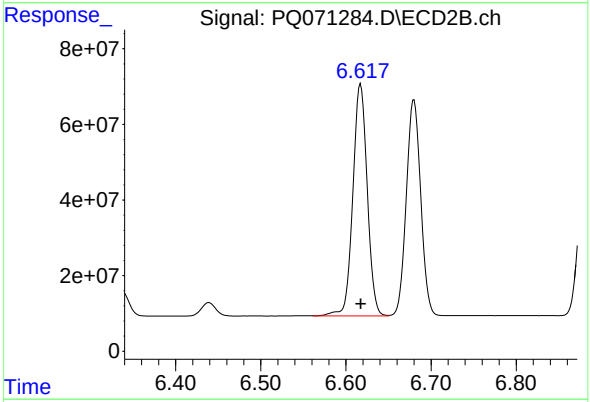
R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 773144506
Conc: 50.00 ng/ml



#41 AR-1268-1

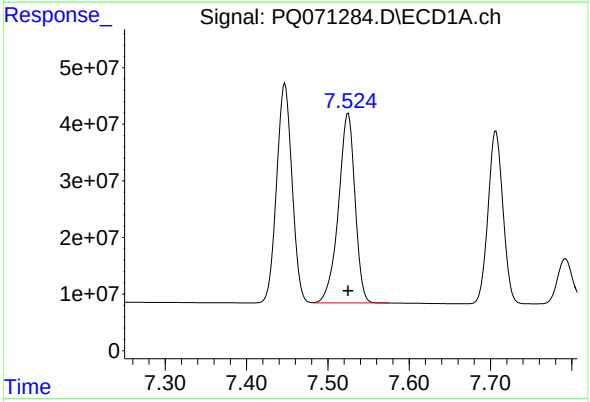
R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 510378458
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



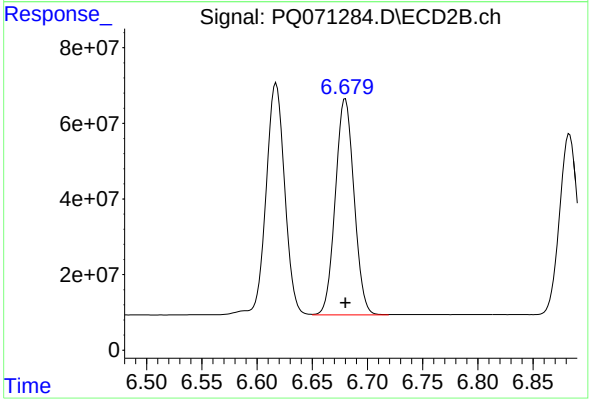
#41 AR-1268-1

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 720021410
Conc: 500.00 ng/ml



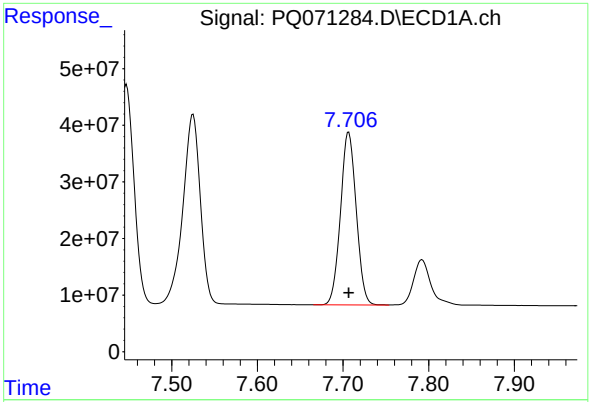
#42 AR-1268-2

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 473375286
Conc: 500.00 ng/ml



#42 AR-1268-2

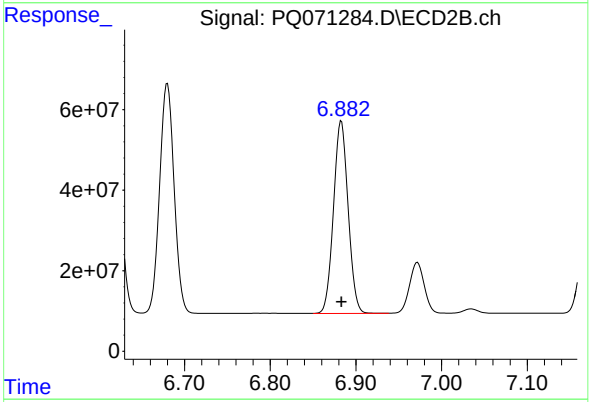
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 673856653
Conc: 500.00 ng/ml



#43 AR-1268-3

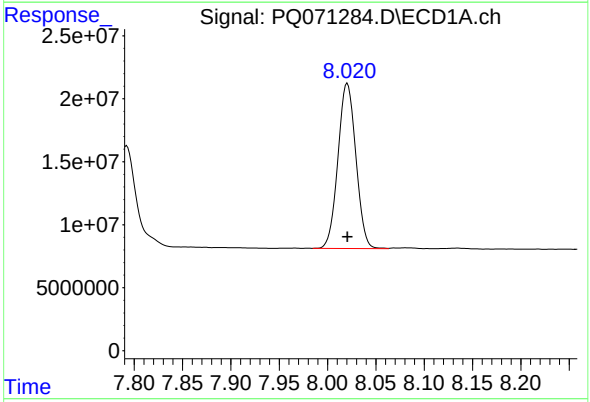
R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 388949065
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



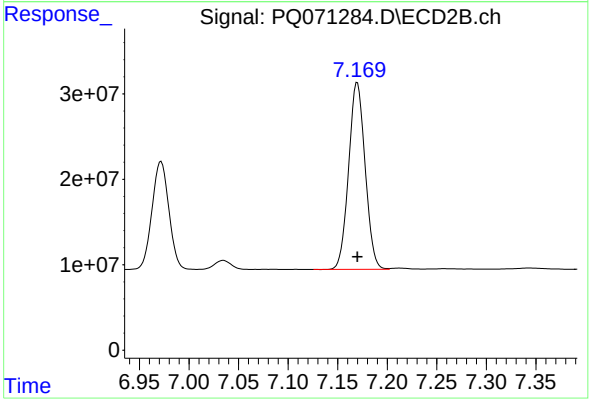
#43 AR-1268-3

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 567879128
Conc: 500.00 ng/ml



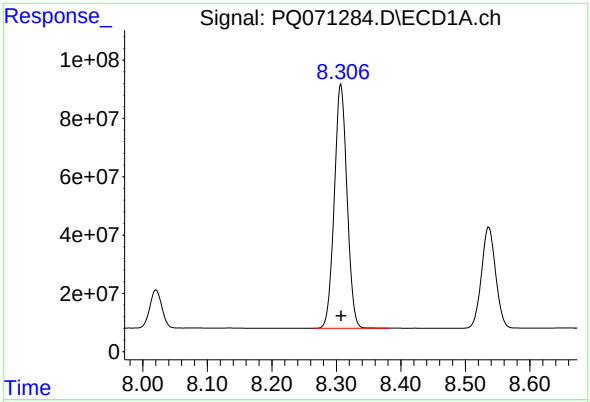
#44 AR-1268-4

R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 169164861
Conc: 500.00 ng/ml



#44 AR-1268-4

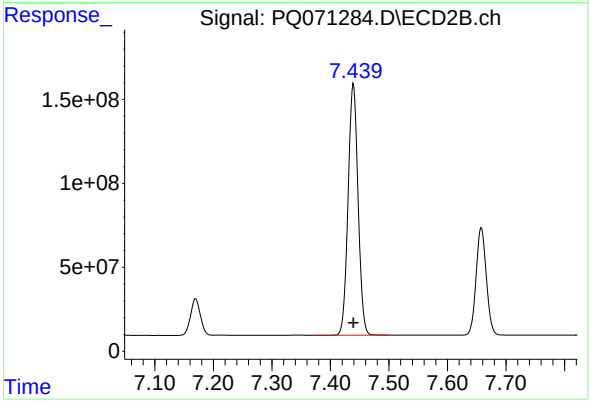
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 253566325
Conc: 500.00 ng/ml



#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

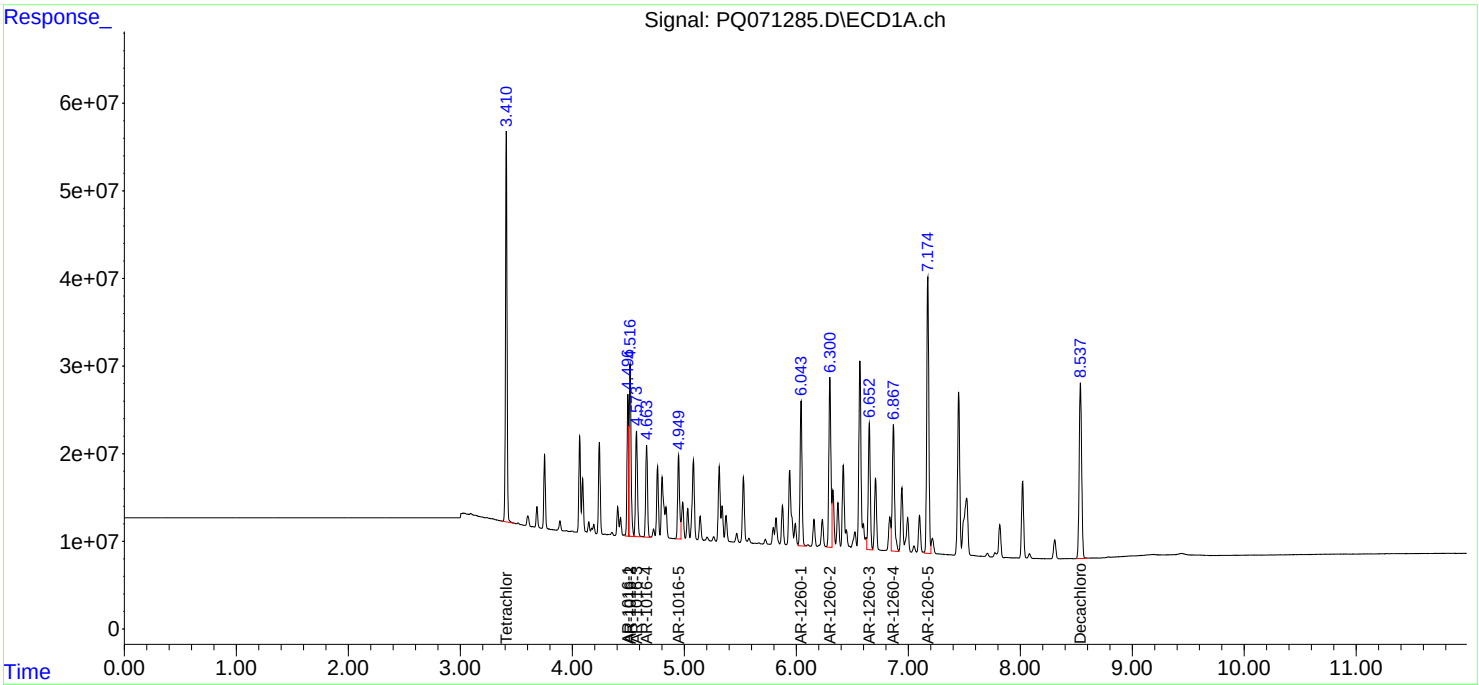
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

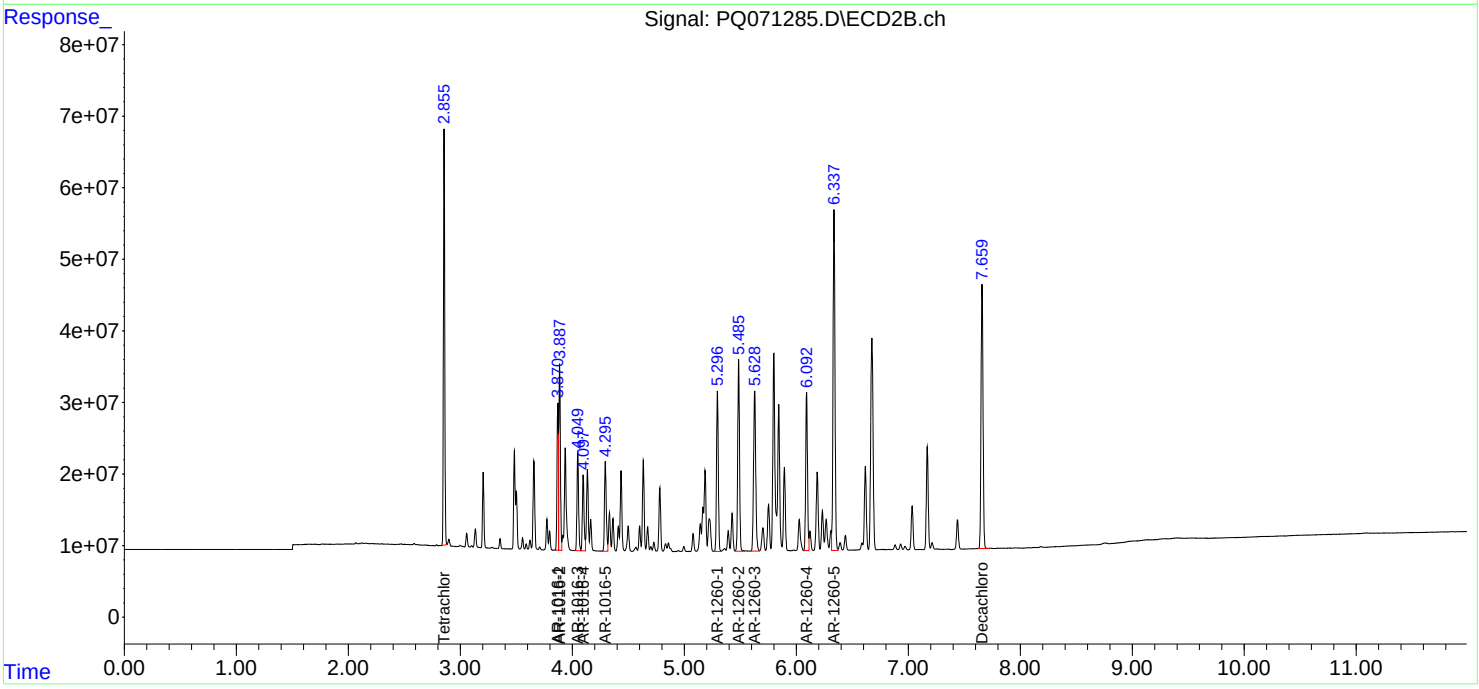
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 18:07
Operator : YP\AJ
Sample : PQ111825ICV500
Misc :
ALS Vial : 114 Sample Multiplier: 1

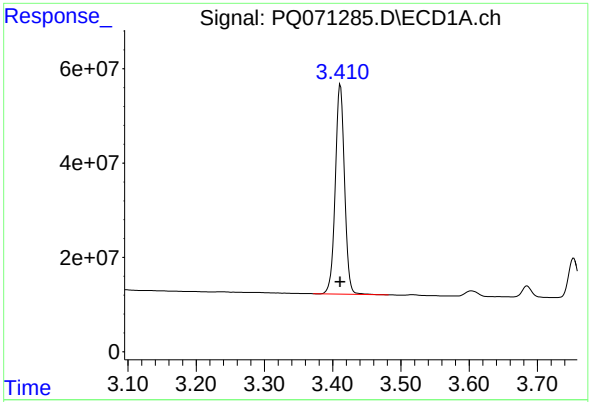
Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825

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



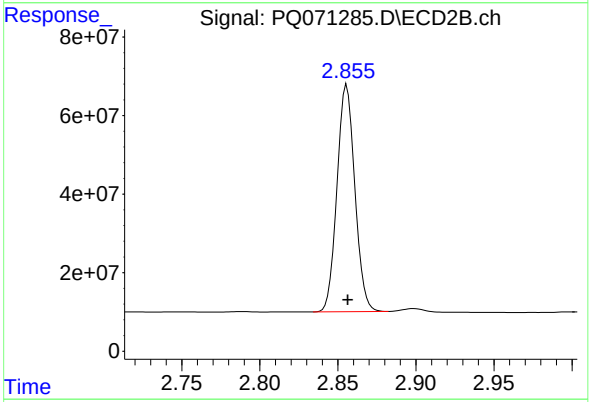




#1 Tetrachloro-m-xylene

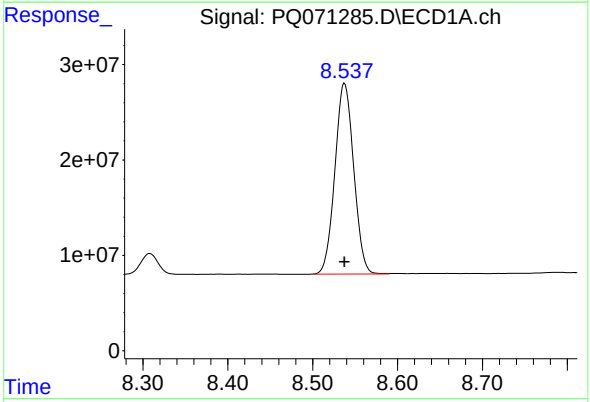
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 418345287
Conc: 48.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



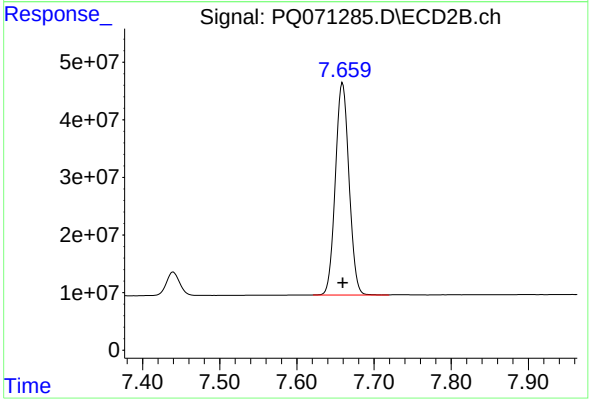
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 459723605
Conc: 49.24 ng/ml



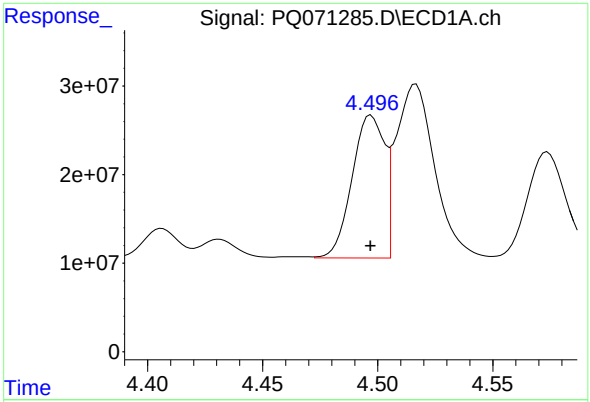
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 307731551
Conc: 49.15 ng/ml



#2 Decachlorobiphenyl

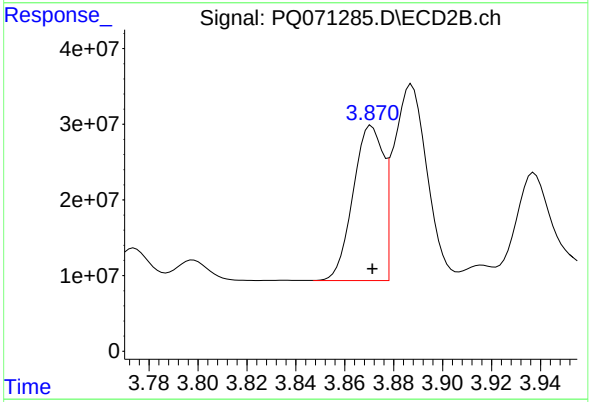
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 452743205
Conc: 49.55 ng/ml



#3 AR-1016-1

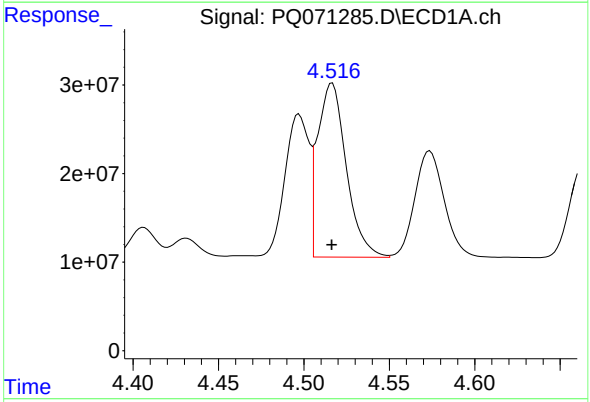
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 158473831
Conc: 479.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



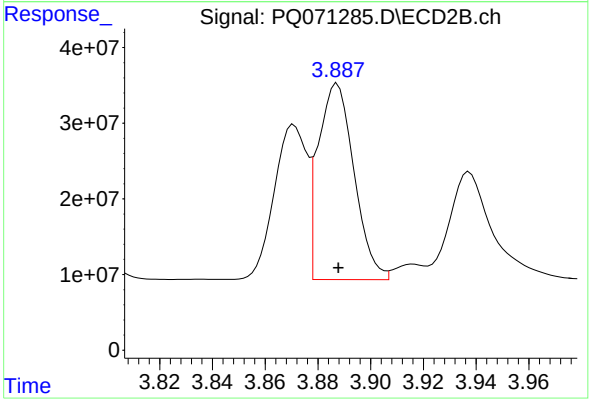
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 175679180
Conc: 485.14 ng/ml



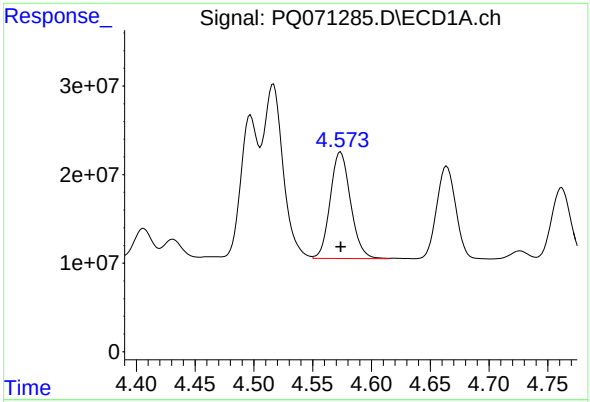
#4 AR-1016-2

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 229336158
Conc: 482.18 ng/ml



#4 AR-1016-2

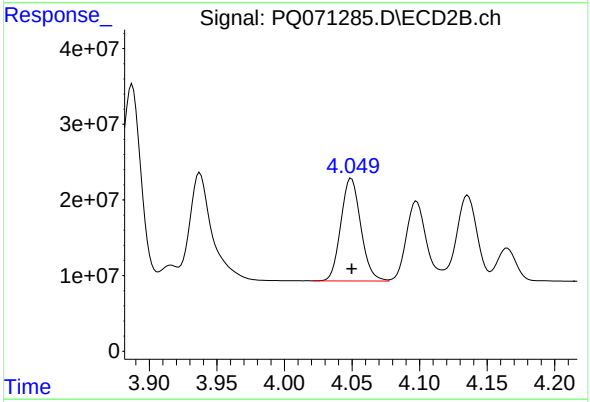
R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 245119644
Conc: 499.04 ng/ml



#5 AR-1016-3

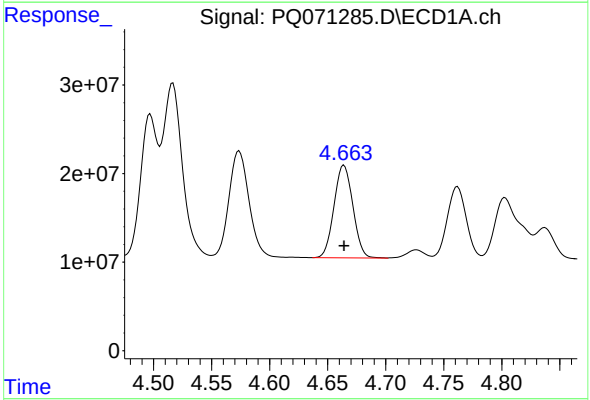
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 144697959
Conc: 484.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



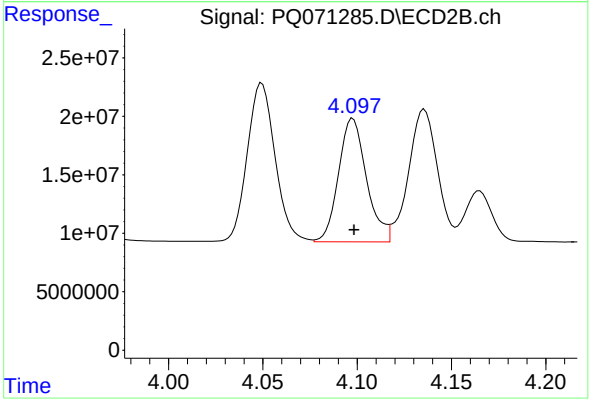
#5 AR-1016-3

R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 139598085
Conc: 502.17 ng/ml



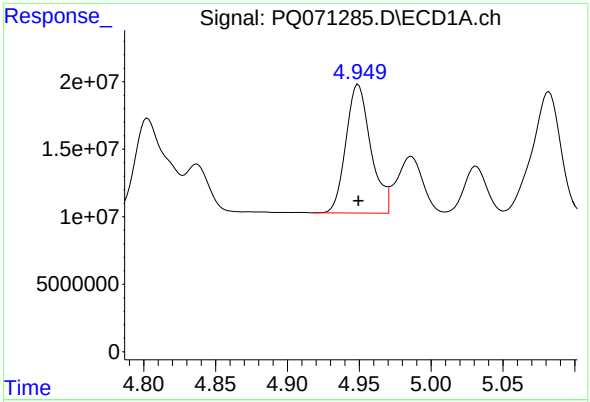
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 118414335
Conc: 482.25 ng/ml



#6 AR-1016-4

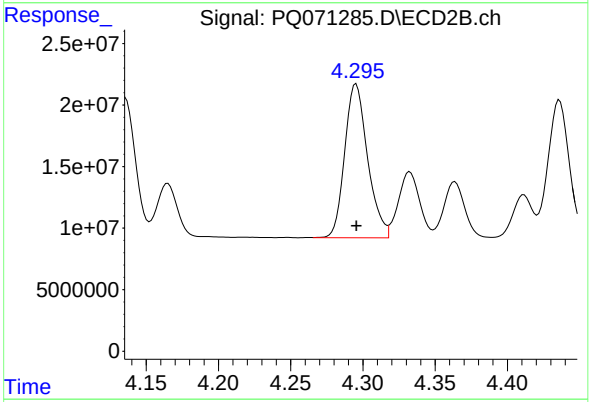
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 109143697
Conc: 486.71 ng/ml



#7 AR-1016-5

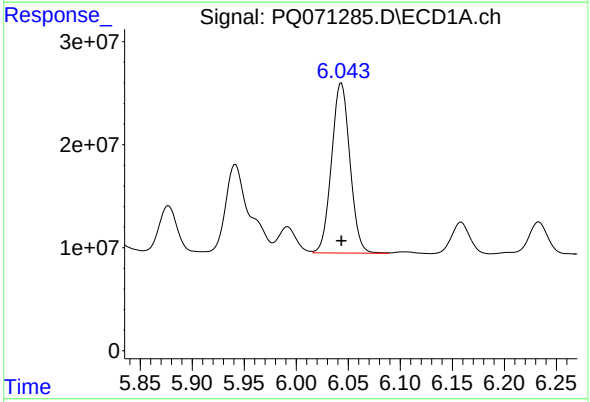
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 114527229
Conc: 484.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



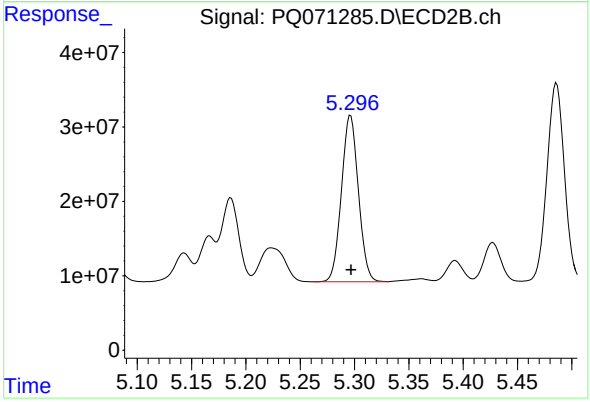
#7 AR-1016-5

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 137572974
Conc: 493.86 ng/ml



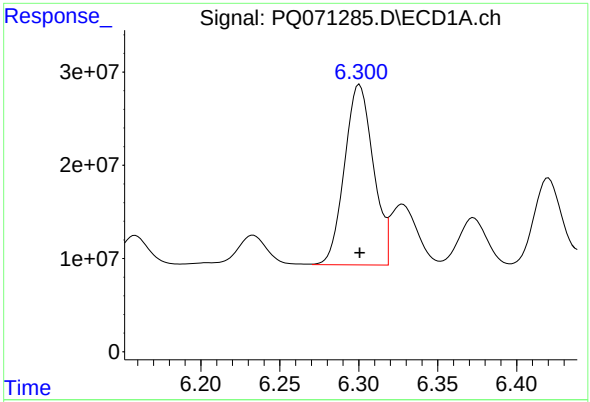
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 203432707
Conc: 454.60 ng/ml



#31 AR-1260-1

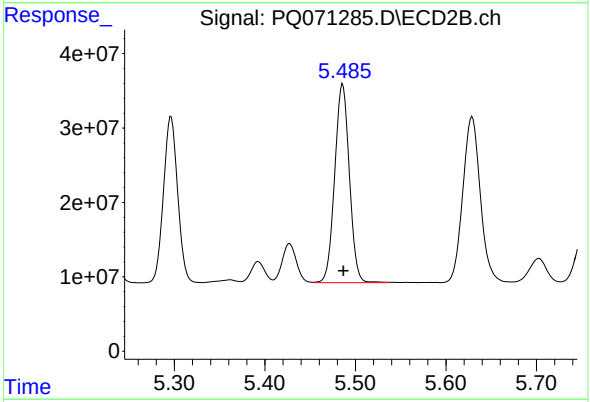
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 242776509
Conc: 486.60 ng/ml



#32 AR-1260-2

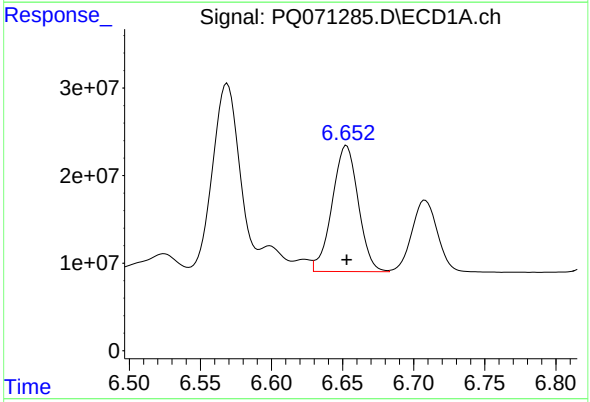
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 245507472
Conc: 480.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



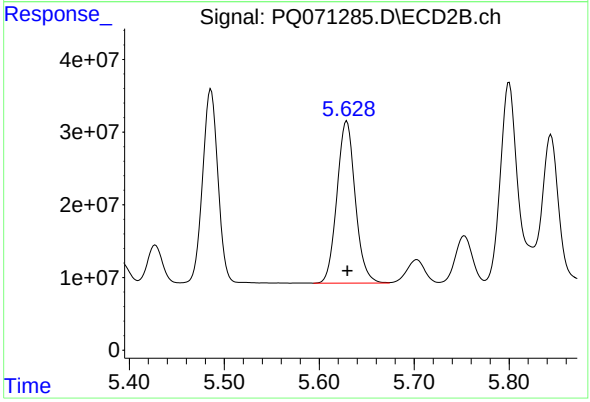
#32 AR-1260-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 300217800
Conc: 495.10 ng/ml



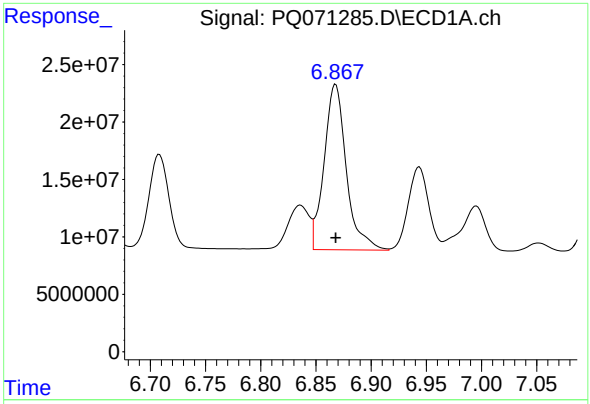
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 183973381
Conc: 480.68 ng/ml



#33 AR-1260-3

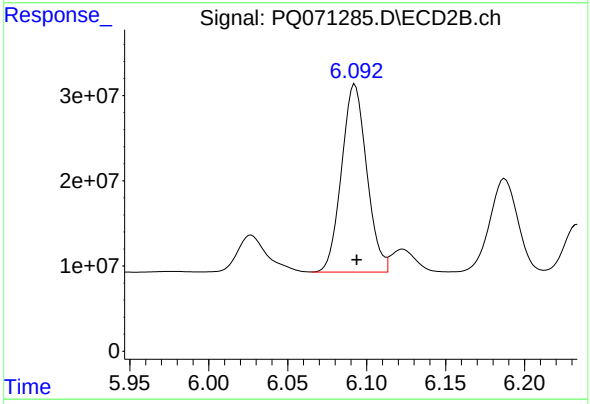
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 298859113
Conc: 505.53 ng/ml



#34 AR-1260-4

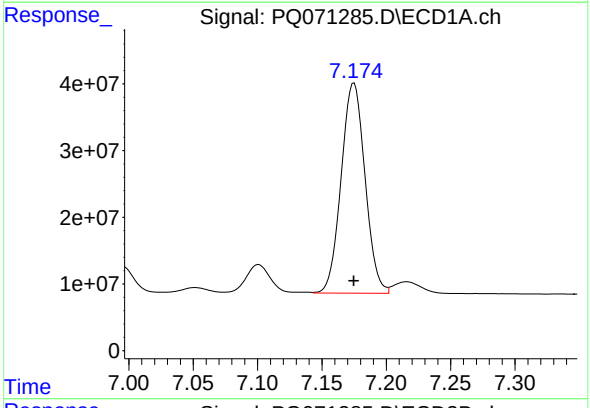
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 201724477
Conc: 482.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



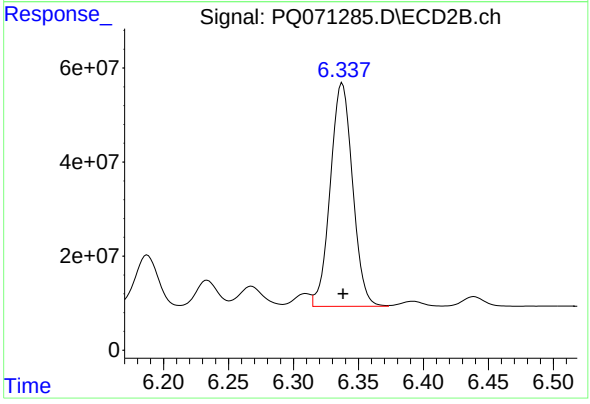
#34 AR-1260-4

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.:** Q3693

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 14:32 **Initial Calibration Time(s):** 09:39 18:31

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.92	9.93	9.83	10.03	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

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	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115324.D **Time Analyzed:** 14:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.480	5.387	5.587	526.860	500.000	5.4
Aroclor-1016-2	5.502	5.408	5.608	520.910	500.000	4.2
Aroclor-1016-3	5.563	5.470	5.670	539.130	500.000	7.8
Aroclor-1016-4	5.658	5.566	5.766	516.940	500.000	3.4
Aroclor-1016-5	5.950	5.858	6.058	528.680	500.000	5.7
Aroclor-1260-1	7.063	6.971	7.171	518.970	500.000	3.8
Aroclor-1260-2	7.318	7.225	7.425	554.590	500.000	10.9
Aroclor-1260-3	7.674	7.582	7.782	537.980	500.000	7.6
Aroclor-1260-4	7.896	7.803	8.003	519.110	500.000	3.8
Aroclor-1260-5	8.202	8.110	8.310	523.890	500.000	4.8
Decachlorobiphenyl	9.920	9.830	10.030	54.080	50.000	8.2
Tetrachloro-m-xylene	4.341	4.248	4.448	54.550	50.000	9.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115324.D **Time Analyzed:** 14:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.720	4.628	4.828	523.850	500.000	4.8
Aroclor-1016-2	4.739	4.647	4.847	523.880	500.000	4.8
Aroclor-1016-3	4.914	4.821	5.021	524.800	500.000	5.0
Aroclor-1016-4	4.955	4.864	5.064	507.740	500.000	1.5
Aroclor-1016-5	5.168	5.076	5.276	564.920	500.000	13.0
Aroclor-1260-1	6.197	6.106	6.306	481.310	500.000	-3.7
Aroclor-1260-2	6.385	6.294	6.494	461.930	500.000	-7.6
Aroclor-1260-3	6.538	6.446	6.646	465.230	500.000	-7.0
Aroclor-1260-4	7.008	6.917	7.117	453.180	500.000	-9.4
Aroclor-1260-5	7.249	7.158	7.358	457.000	500.000	-8.6
Decachlorobiphenyl	8.630	8.541	8.741	50.650	50.000	1.3
Tetrachloro-m-xylene	3.644	3.548	3.748	53.170	50.000	6.3

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

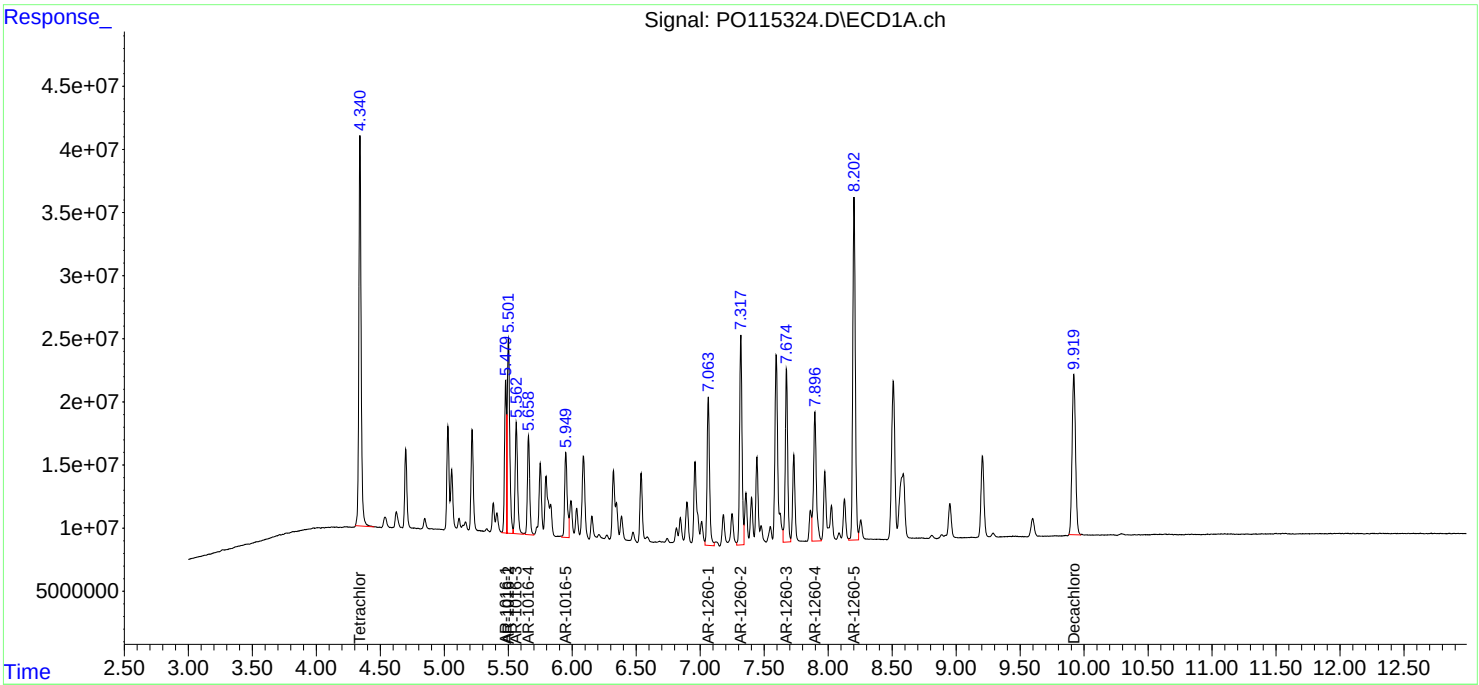
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

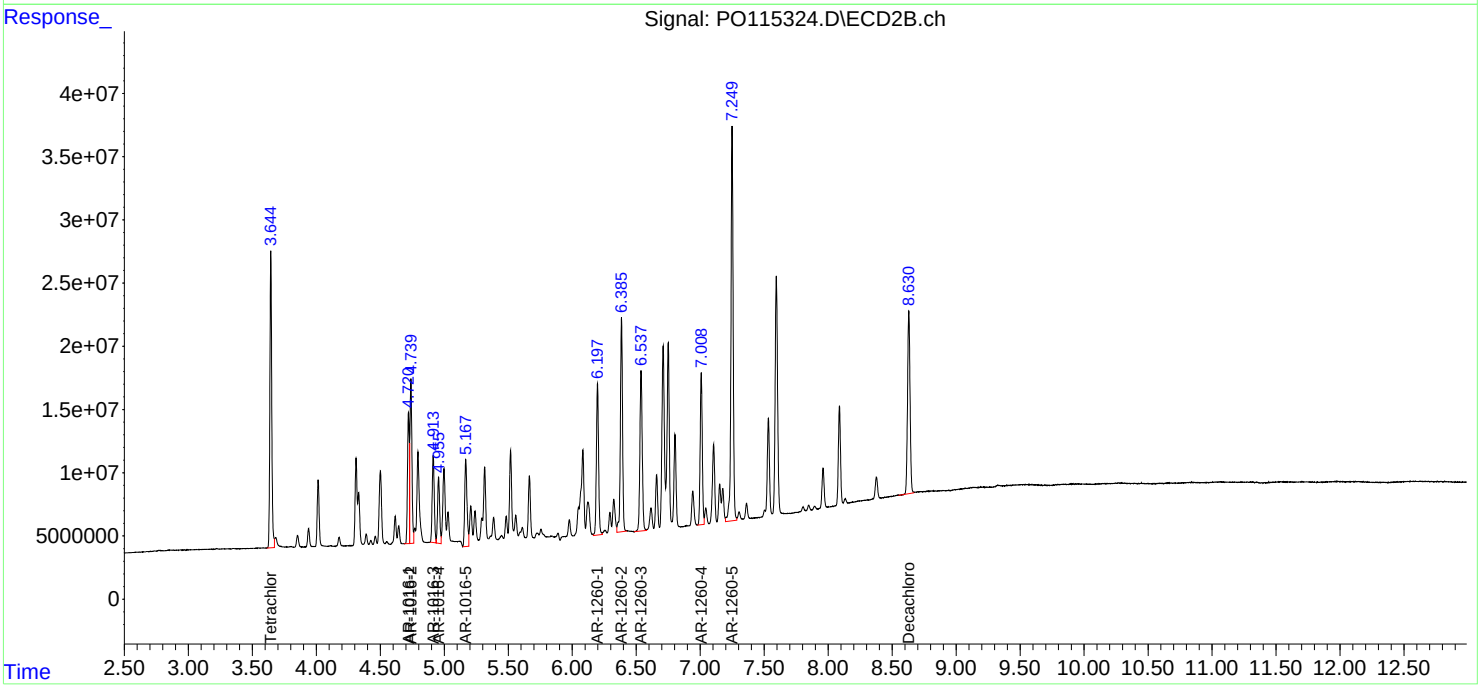
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:32
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

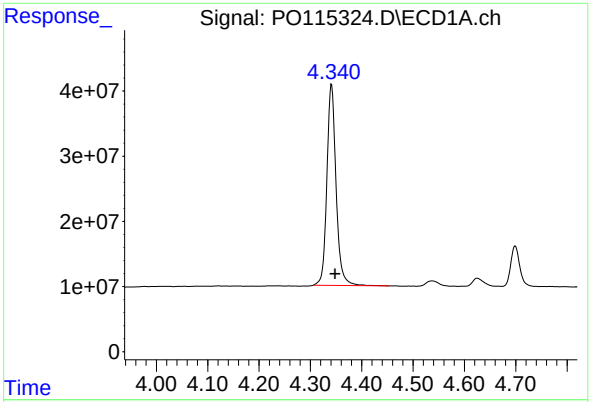
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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



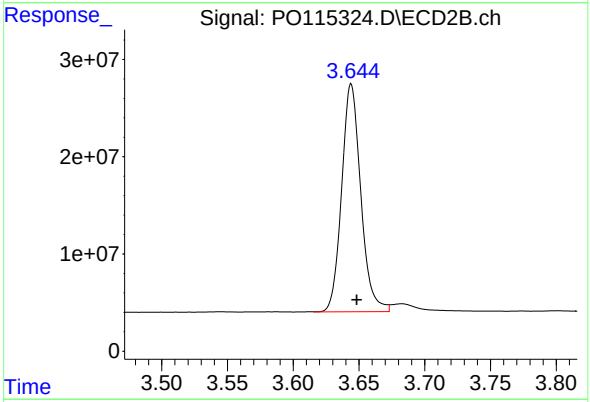




#1 Tetrachloro-m-xylene

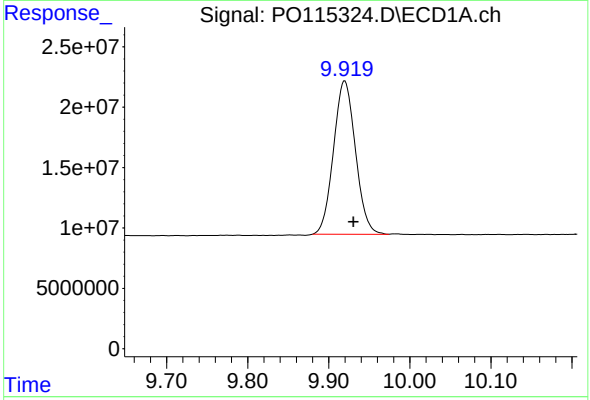
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 383903182
Conc: 54.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



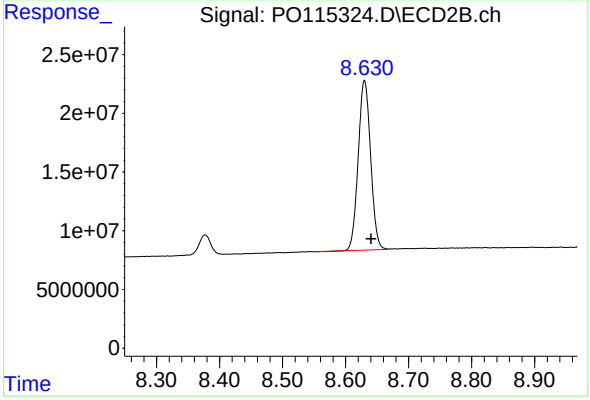
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 237488832
Conc: 53.17 ng/ml



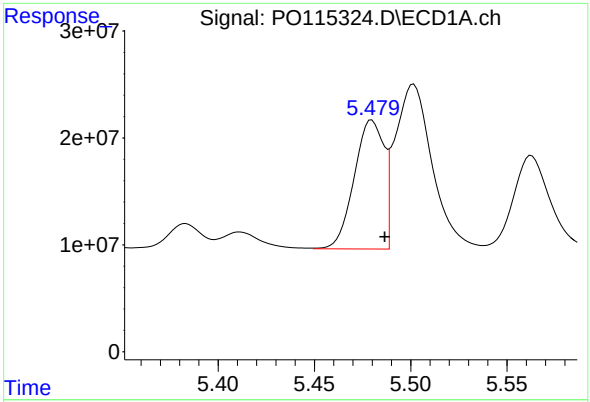
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.010 min
Response: 239062481
Conc: 54.08 ng/ml



#2 Decachlorobiphenyl

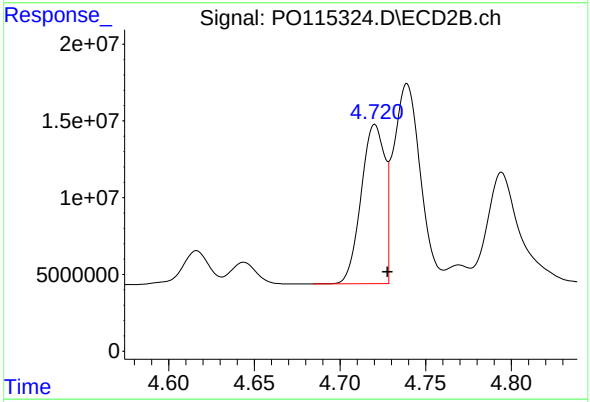
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 197720782
Conc: 50.65 ng/ml



#3 AR-1016-1

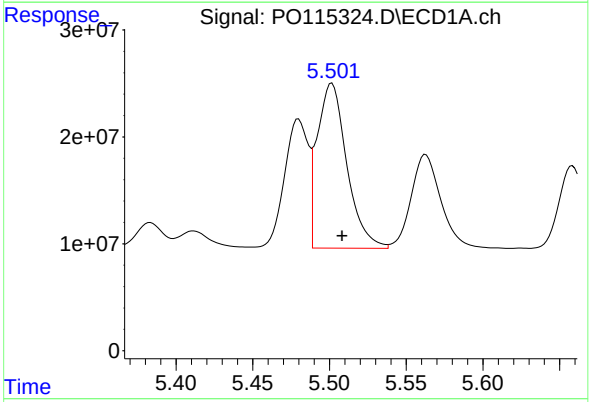
R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 129619117
Conc: 526.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



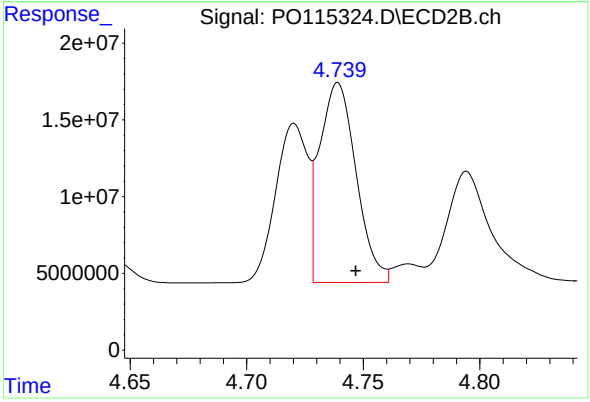
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.007 min
Response: 99665485
Conc: 523.85 ng/ml



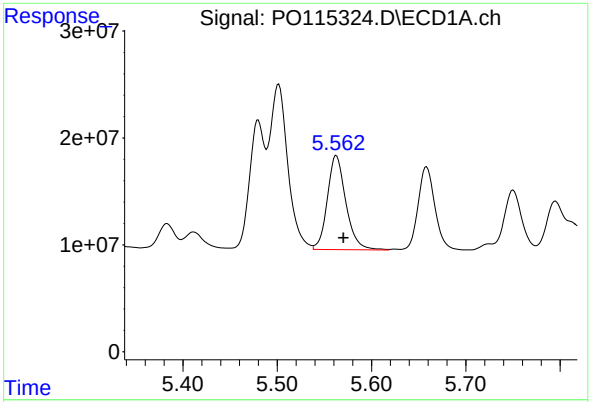
#4 AR-1016-2

R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 206837127
Conc: 520.91 ng/ml



#4 AR-1016-2

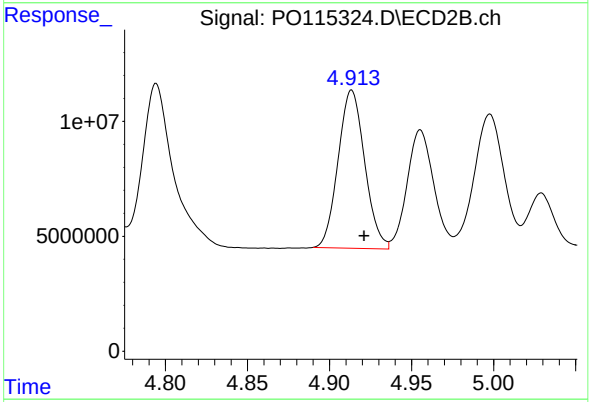
R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 141899232
Conc: 523.88 ng/ml



#5 AR-1016-3

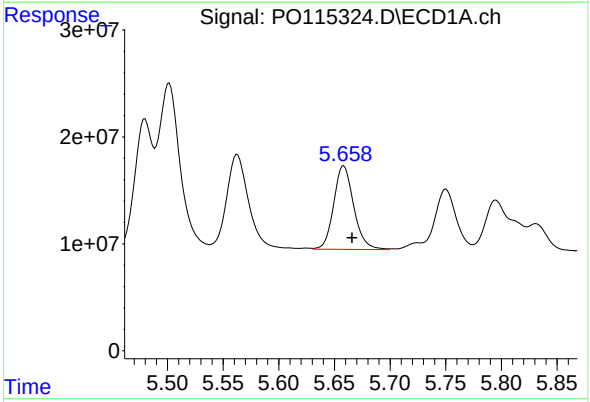
R.T.: 5.563 min
Delta R.T.: -0.008 min
Response: 120227429
Conc: 539.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



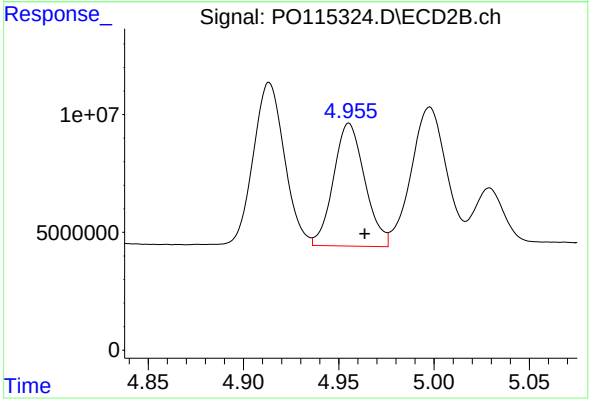
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.008 min
Response: 77656680
Conc: 524.80 ng/ml



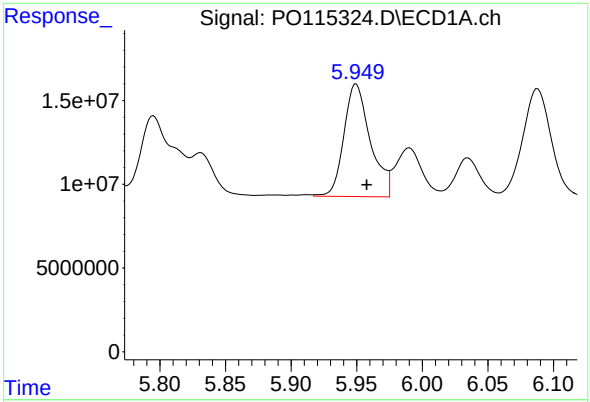
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 97637557
Conc: 516.94 ng/ml



#6 AR-1016-4

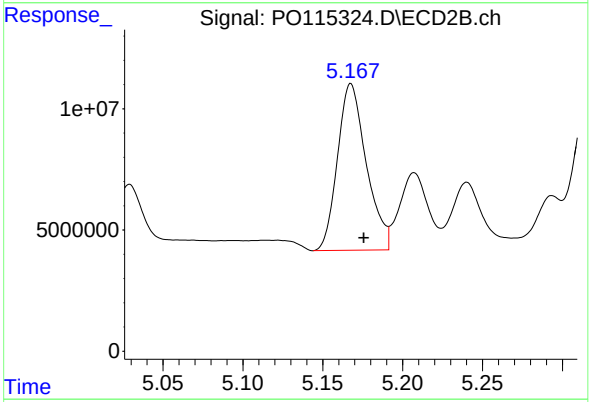
R.T.: 4.955 min
Delta R.T.: -0.008 min
Response: 59618205
Conc: 507.74 ng/ml



#7 AR-1016-5

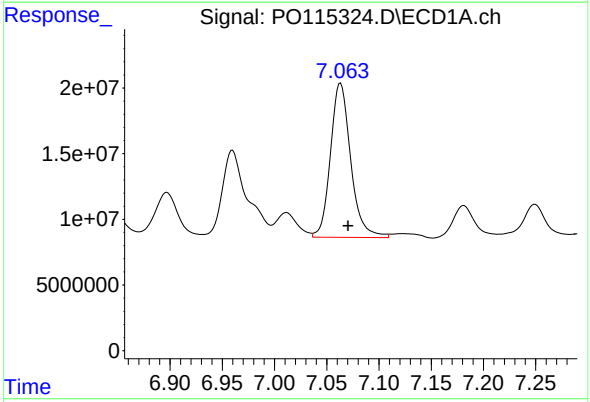
R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 94208928
Conc: 528.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



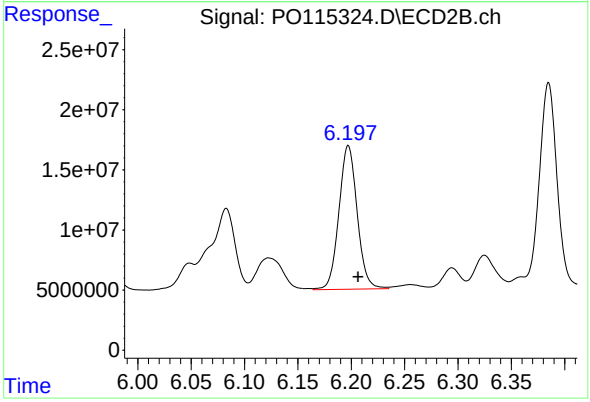
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.008 min
Response: 86271419
Conc: 564.92 ng/ml



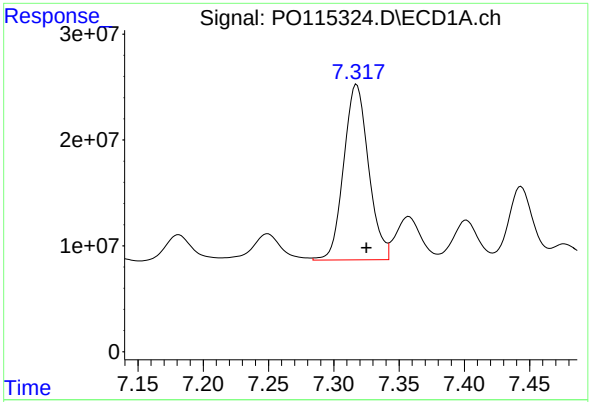
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 158616015
Conc: 518.97 ng/ml



#31 AR-1260-1

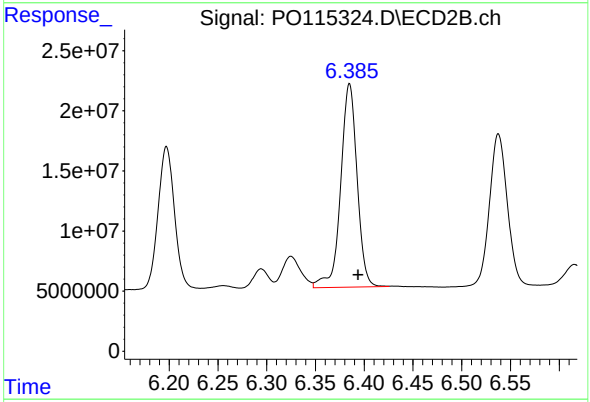
R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 142520157
Conc: 481.31 ng/ml



#32 AR-1260-2

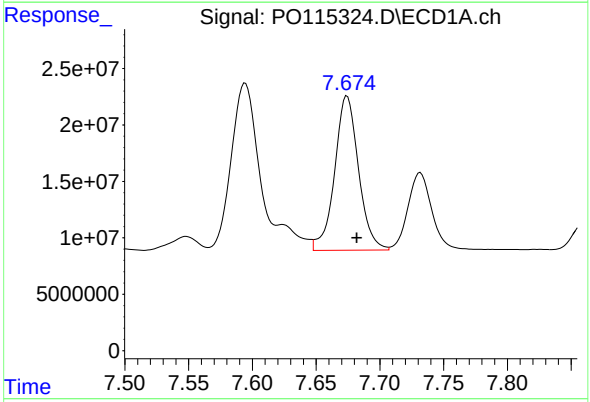
R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 219550706
Conc: 554.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



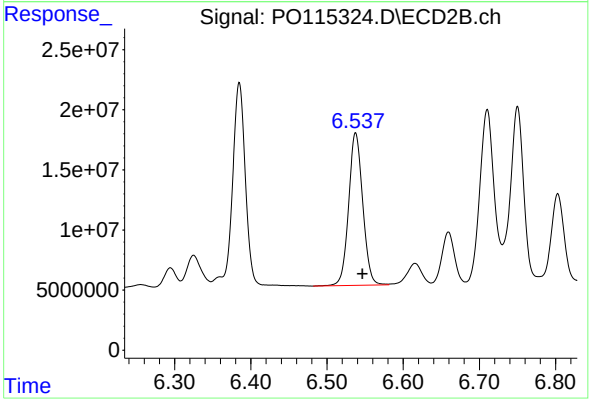
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 198645712
Conc: 461.93 ng/ml



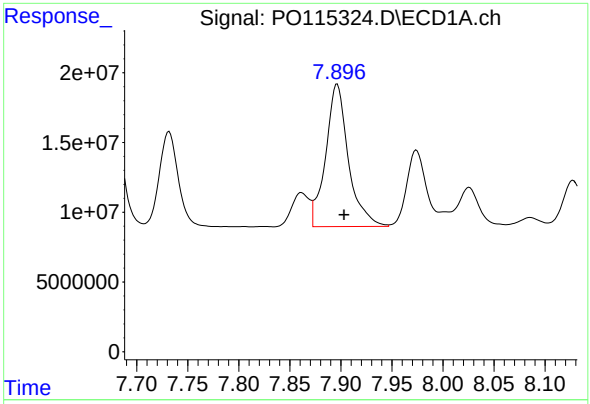
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 178512830
Conc: 537.98 ng/ml



#33 AR-1260-3

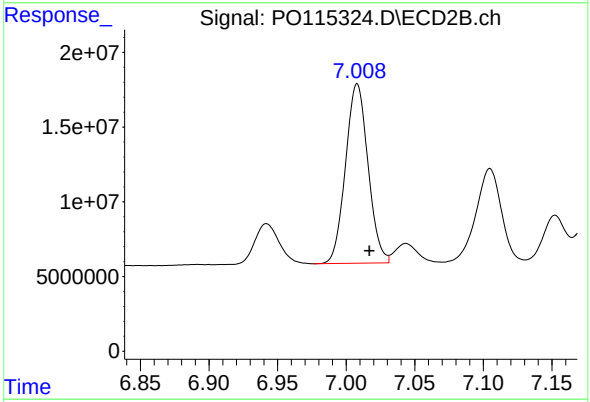
R.T.: 6.538 min
Delta R.T.: -0.009 min
Response: 163365853
Conc: 465.23 ng/ml



#34 AR-1260-4

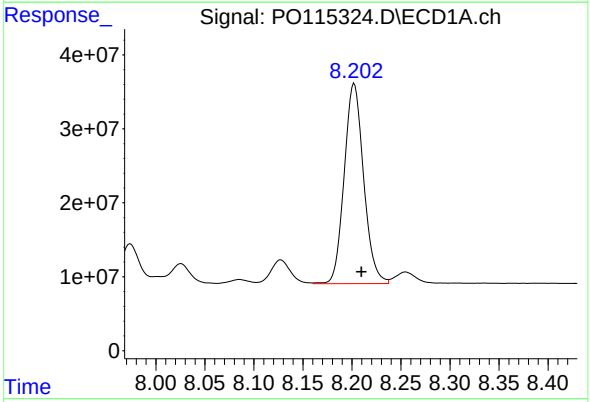
R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 158338955
Conc: 519.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



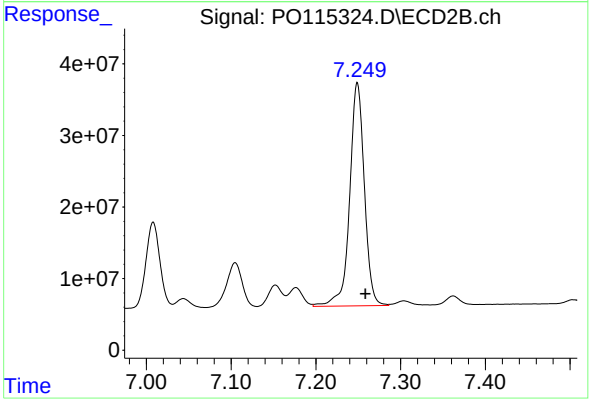
#34 AR-1260-4

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.:** Q3693

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 20:22 **Initial Calibration Time(s):** 09:39 18:31

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.48	5.49	5.39	5.59	0.01
Aroclor-1016-2	(2)	5.50	5.51	5.41	5.61	0.01
Aroclor-1016-3	(3)	5.56	5.57	5.47	5.67	0.01
Aroclor-1016-4	(4)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.67	7.68	7.58	7.78	0.01
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.20	8.21	8.11	8.31	0.01
Tetrachloro-m-xylene		4.34	4.35	4.25	4.45	0.01
Decachlorobiphenyl		9.92	9.93	9.83	10.03	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 20:22 **Initial Calibration Time(s):** 09:39 18:31

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.25	7.26	7.16	7.36	0.01
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

Alliance TECHNICAL GROUP

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.:** Q3693

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115340.D **Time Analyzed:** 20:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.479	5.387	5.587	560.610	500.000	12.1
Aroclor-1016-2	5.501	5.408	5.608	553.190	500.000	10.6
Aroclor-1016-3	5.562	5.470	5.670	581.530	500.000	16.3
Aroclor-1016-4	5.658	5.566	5.766	568.810	500.000	13.8
Aroclor-1016-5	5.949	5.858	6.058	569.090	500.000	13.8
Aroclor-1260-1	7.063	6.971	7.171	561.040	500.000	12.2
Aroclor-1260-2	7.317	7.225	7.425	588.440	500.000	17.7
Aroclor-1260-3	7.674	7.582	7.782	574.140	500.000	14.8
Aroclor-1260-4	7.896	7.803	8.003	556.800	500.000	11.4
Aroclor-1260-5	8.202	8.110	8.310	555.290	500.000	11.1
Decachlorobiphenyl	9.919	9.830	10.030	56.520	50.000	13.0
Tetrachloro-m-xylene	4.340	4.248	4.448	55.950	50.000	11.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115340.D **Time Analyzed:** 20:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.720	4.628	4.828	534.270	500.000	6.9
Aroclor-1016-2	4.739	4.647	4.847	532.290	500.000	6.5
Aroclor-1016-3	4.913	4.821	5.021	537.270	500.000	7.5
Aroclor-1016-4	4.955	4.864	5.064	514.290	500.000	2.9
Aroclor-1016-5	5.168	5.076	5.276	583.870	500.000	16.8
Aroclor-1260-1	6.197	6.106	6.306	513.330	500.000	2.7
Aroclor-1260-2	6.385	6.294	6.494	492.990	500.000	-1.4
Aroclor-1260-3	6.537	6.446	6.646	499.440	500.000	-0.1
Aroclor-1260-4	7.008	6.917	7.117	495.150	500.000	-1.0
Aroclor-1260-5	7.249	7.158	7.358	500.640	500.000	0.1
Decachlorobiphenyl	8.630	8.541	8.741	54.680	50.000	9.4
Tetrachloro-m-xylene	3.644	3.548	3.748	53.810	50.000	7.6

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:22
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:18:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.340	3.644	393.8E6	240.4E6	55.949	53.813
2)	SA Decachlor...	9.919	8.630	249.8E6	213.5E6	56.516	54.684
	Target Compounds						
3)	L1 AR-1016-1	5.479	4.720	137.9E6	101.6E6	560.609	534.266
4)	L1 AR-1016-2	5.501	4.739	219.7E6	144.2E6	553.188	532.286
5)	L1 AR-1016-3	5.562	4.913	129.7E6	79501230	581.529	537.268
6)	L1 AR-1016-4	5.658	4.955	107.4E6	60386350	568.811	514.286
7)	L1 AR-1016-5	5.949	5.168	101.4E6	89164859	569.088	583.870
31)	L7 AR-1260-1	7.063	6.197	171.5E6	152.0E6	561.038	513.327
32)	L7 AR-1260-2	7.317	6.385	233.0E6	212.0E6	588.444	492.992
33)	L7 AR-1260-3	7.674	6.537	190.5E6	175.4E6	574.139	499.444
34)	L7 AR-1260-4	7.896	7.008	169.8E6	150.0E6	556.799	495.153
35)	L7 AR-1260-5	8.202	7.249	396.0E6	411.3E6	555.289	500.645

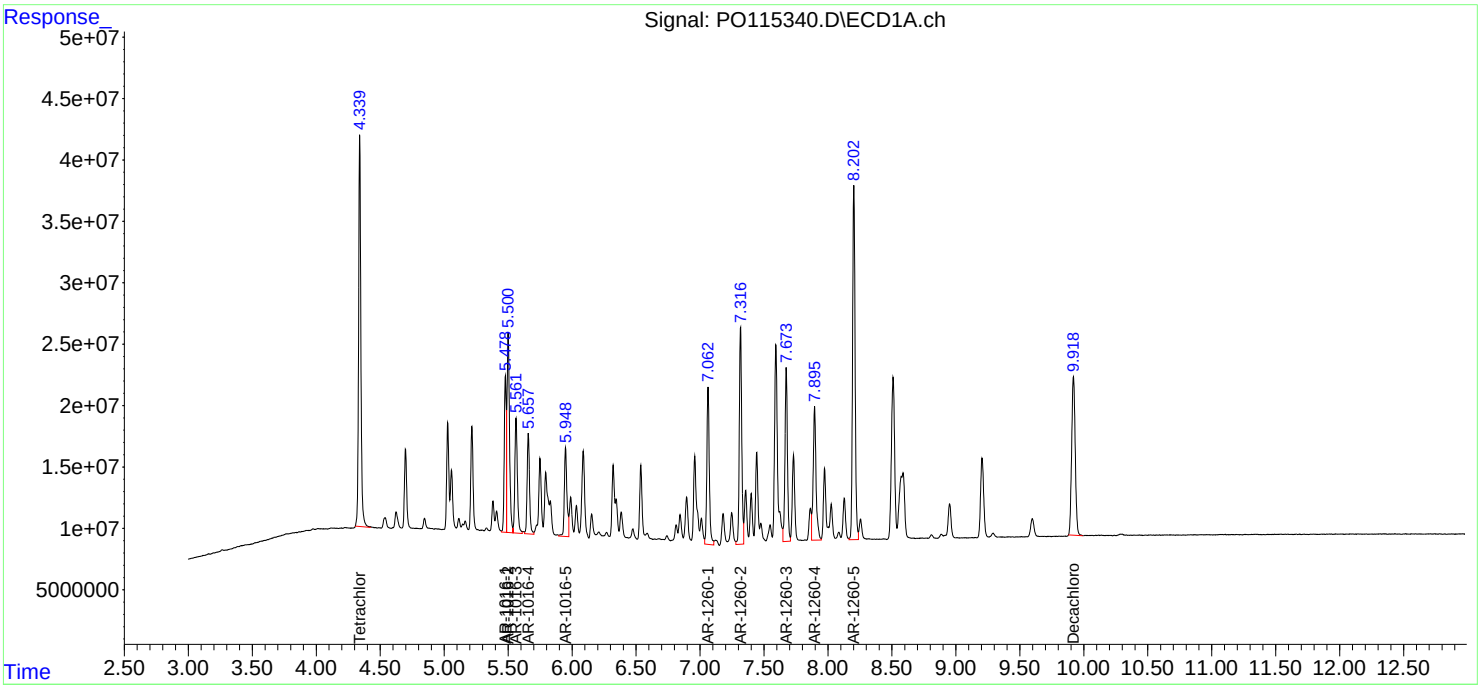
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

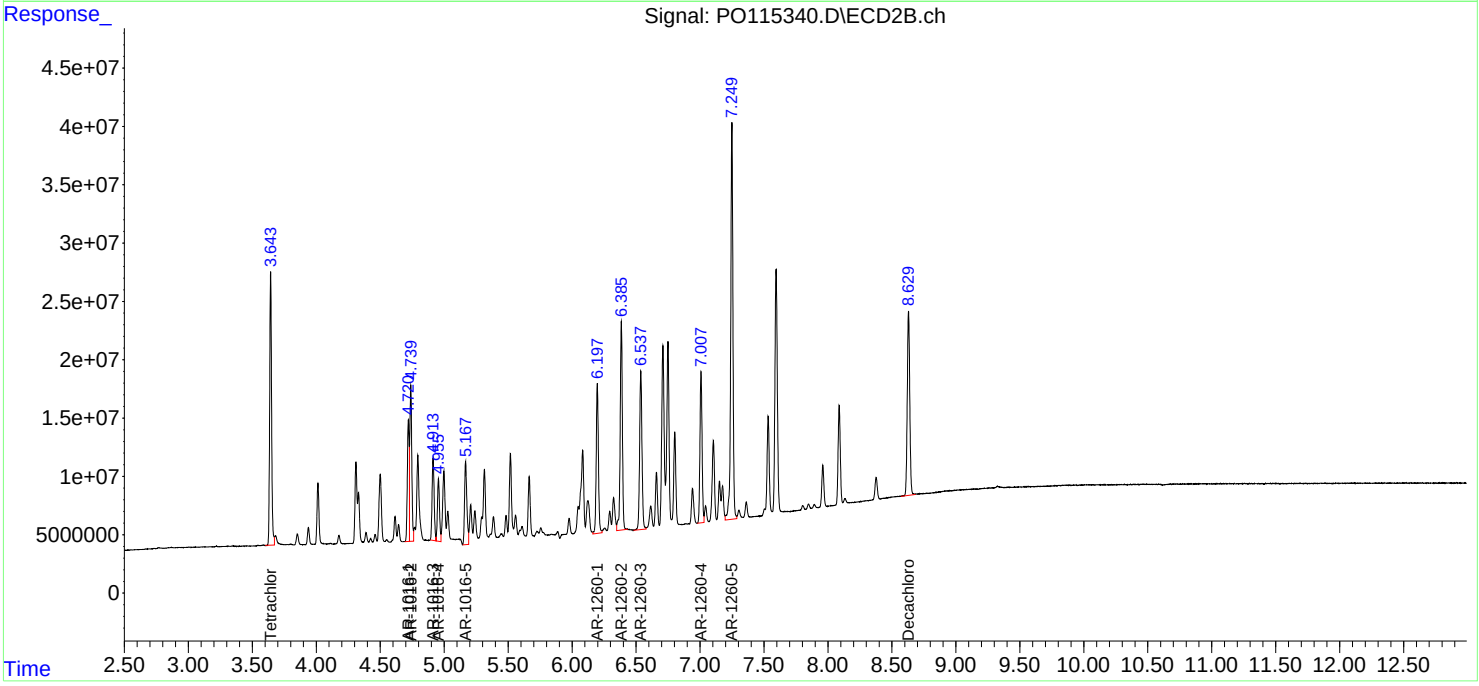
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:22
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

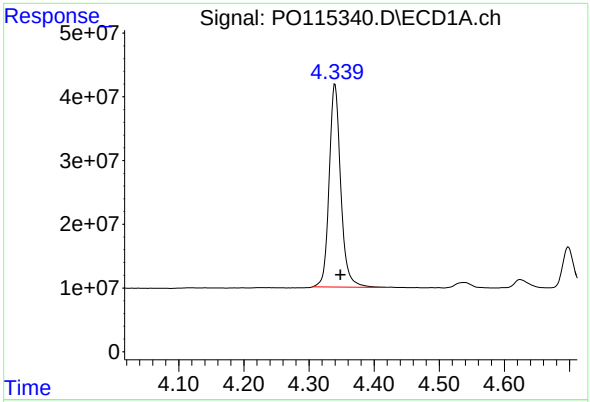
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:18:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



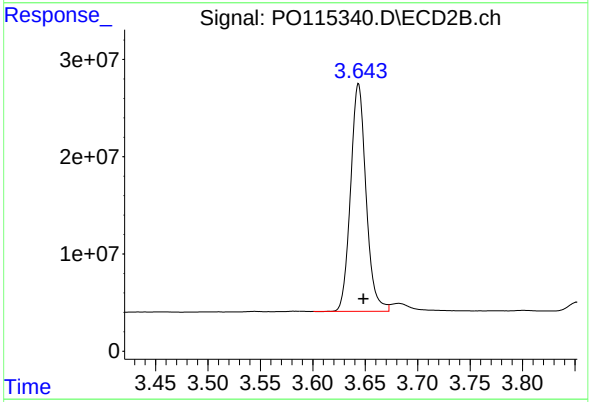




#1 Tetrachloro-m-xylene

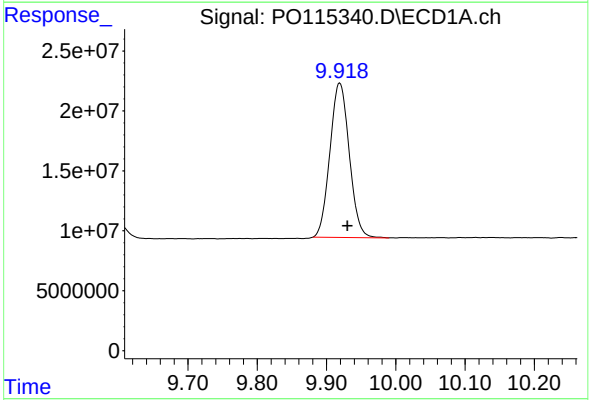
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 393772485
Conc: 55.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



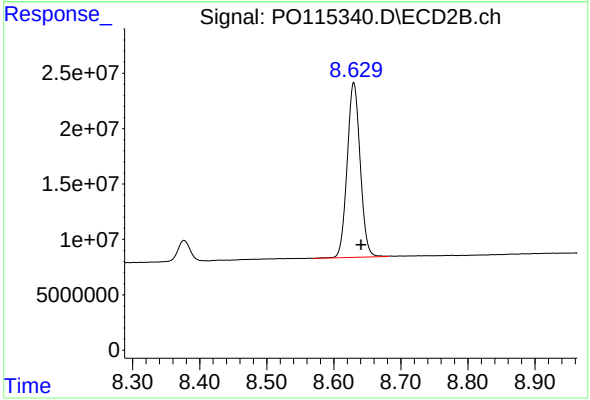
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 240369631
Conc: 53.81 ng/ml



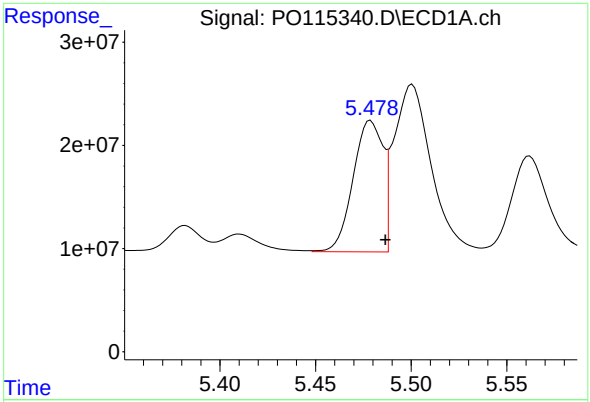
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 249816050
Conc: 56.52 ng/ml



#2 Decachlorobiphenyl

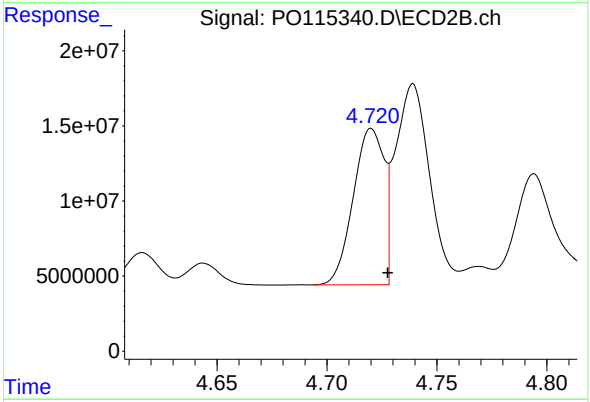
R.T.: 8.630 min
Delta R.T.: -0.011 min
Response: 213475821
Conc: 54.68 ng/ml



#3 AR-1016-1

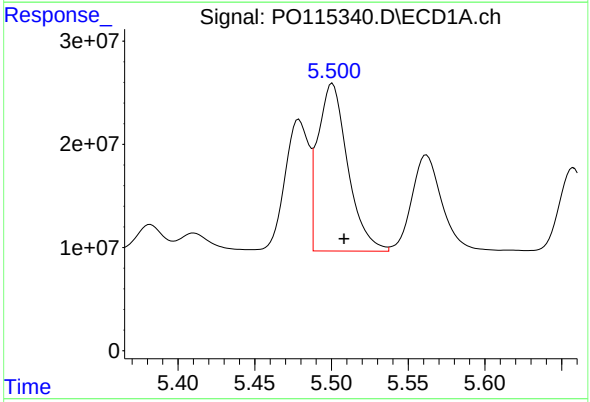
R.T.: 5.479 min
Delta R.T.: -0.008 min
Response: 137920921
Conc: 560.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



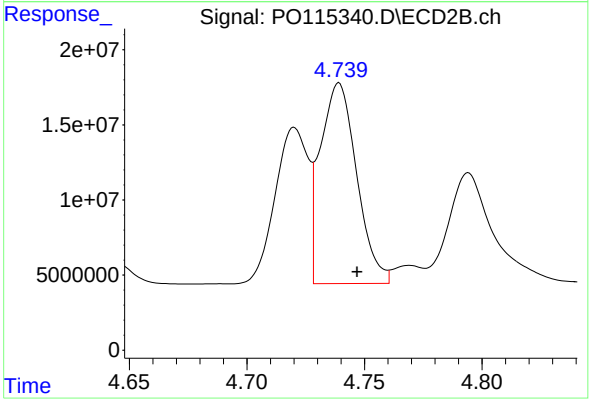
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 101646955
Conc: 534.27 ng/ml



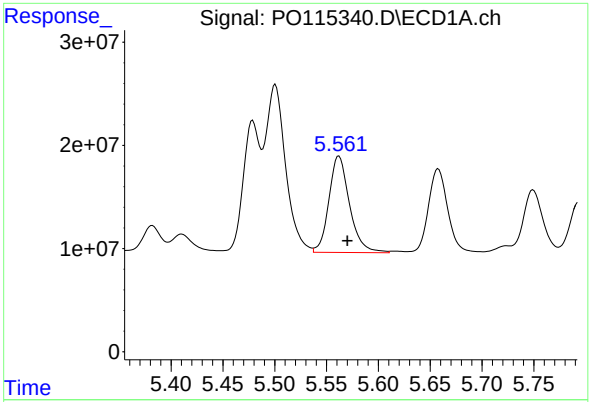
#4 AR-1016-2

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 219654801
Conc: 553.19 ng/ml



#4 AR-1016-2

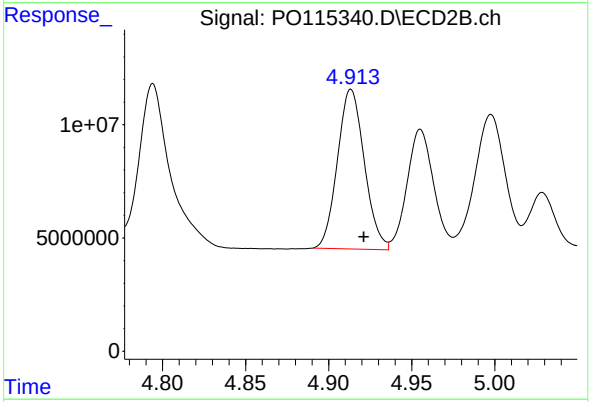
R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 144177380
Conc: 532.29 ng/ml



#5 AR-1016-3

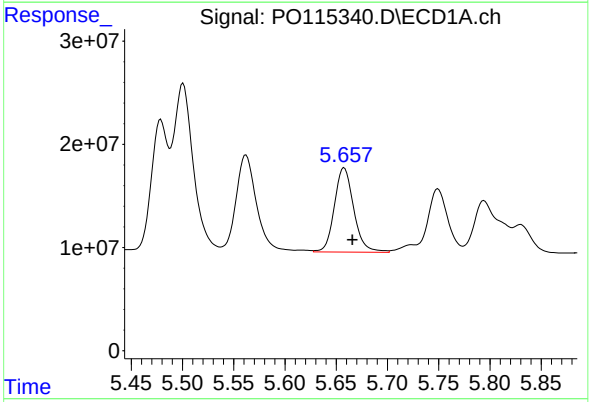
R.T.: 5.562 min
Delta R.T.: -0.008 min
Response: 129681499
Conc: 581.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



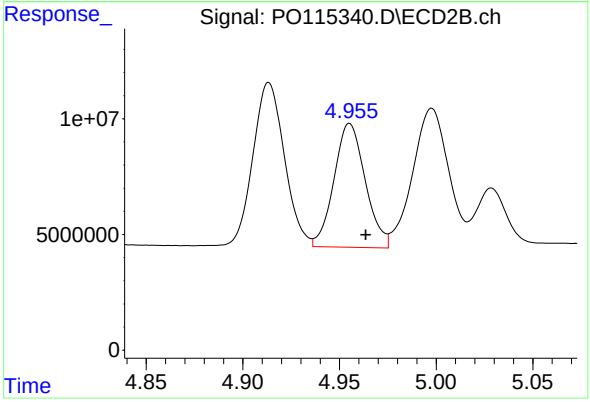
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 79501230
Conc: 537.27 ng/ml



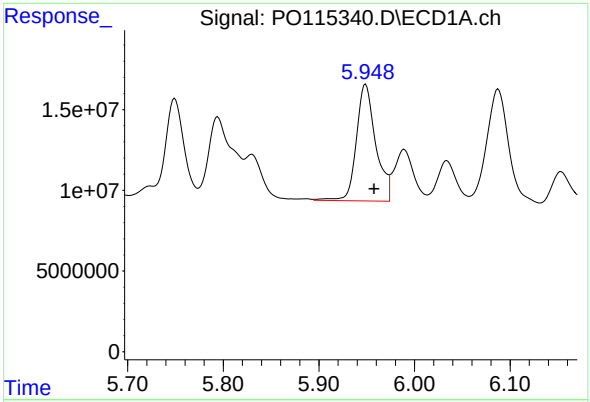
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 107434272
Conc: 568.81 ng/ml



#6 AR-1016-4

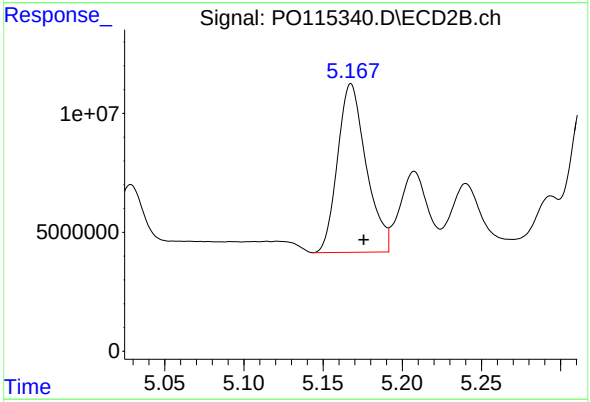
R.T.: 4.955 min
Delta R.T.: -0.008 min
Response: 60386350
Conc: 514.29 ng/ml



#7 AR-1016-5

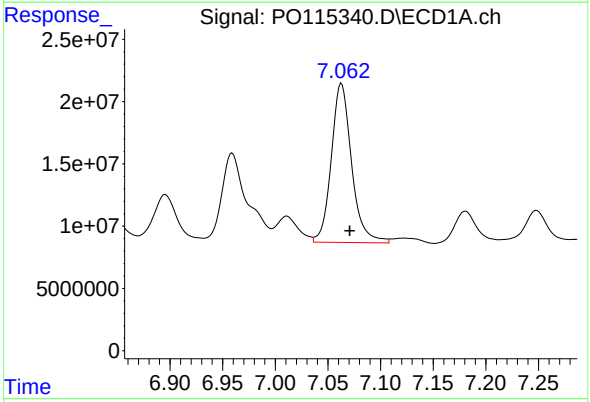
R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 101409776
Conc: 569.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



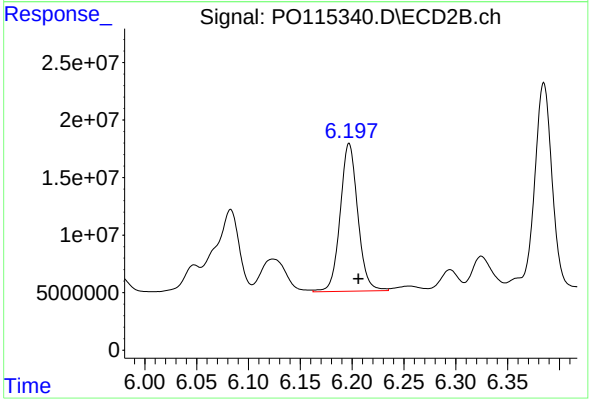
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.008 min
Response: 89164859
Conc: 583.87 ng/ml



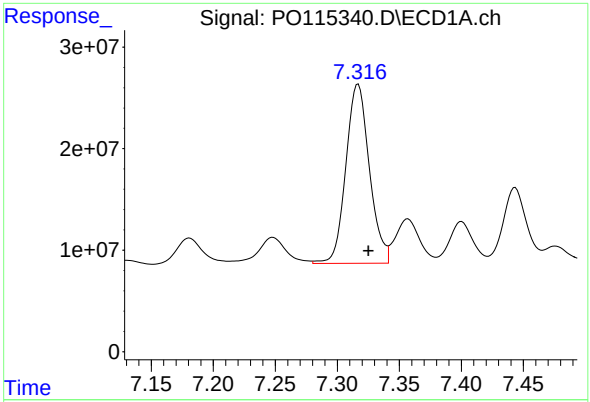
#31 AR-1260-1

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 171471913
Conc: 561.04 ng/ml



#31 AR-1260-1

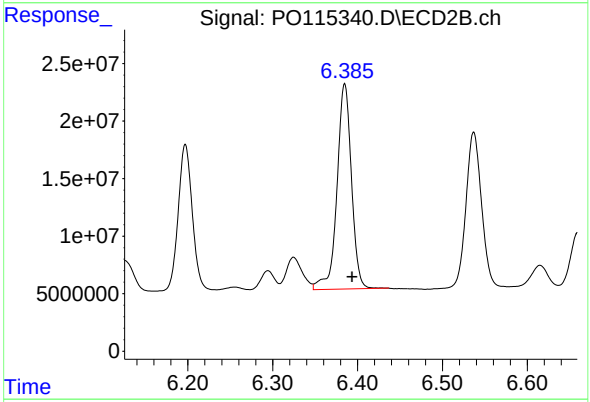
R.T.: 6.197 min
Delta R.T.: -0.009 min
Response: 152000055
Conc: 513.33 ng/ml



#32 AR-1260-2

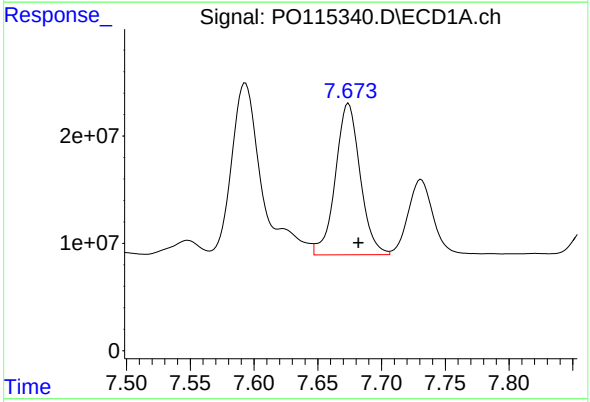
R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 232951666
Conc: 588.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



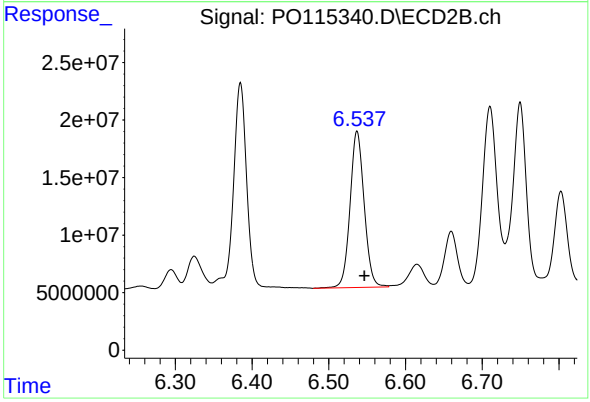
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 212001924
Conc: 492.99 ng/ml



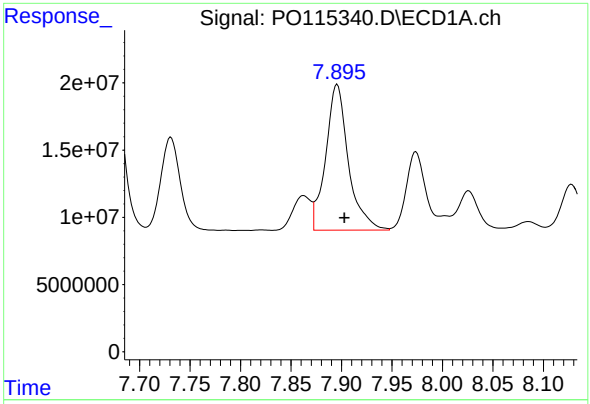
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.008 min
Response: 190509642
Conc: 574.14 ng/ml



#33 AR-1260-3

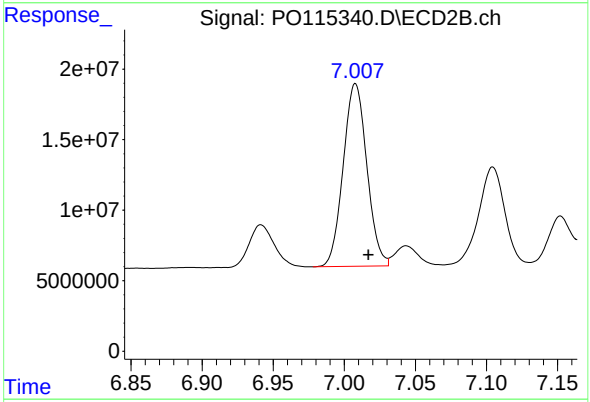
R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 175380372
Conc: 499.44 ng/ml



#34 AR-1260-4

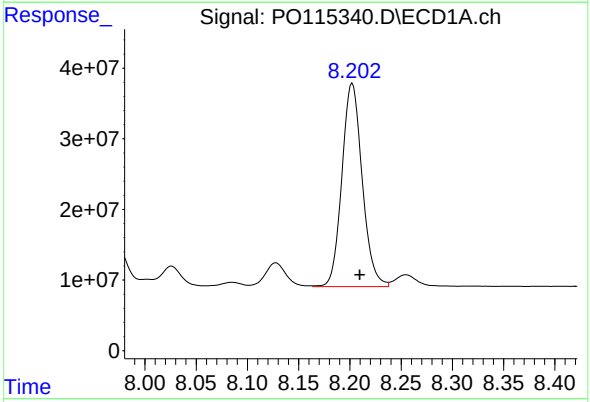
R.T.: 7.896 min
Delta R.T.: -0.007 min
Response: 169834904
Conc: 556.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



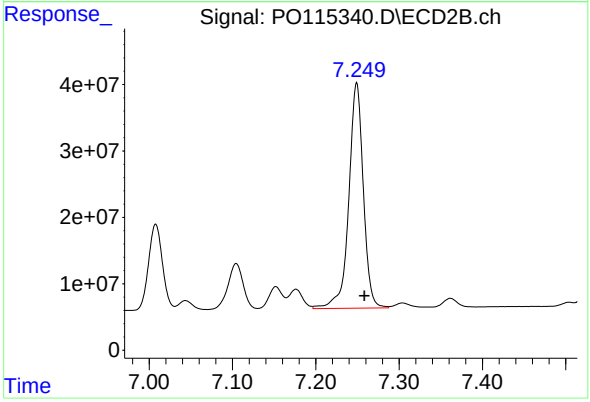
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.009 min
Response: 150045456
Conc: 495.15 ng/ml



#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 396042702
Conc: 555.29 ng/ml



#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 411343829
Conc: 500.64 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 17:23 **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)	7.18	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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 17:23 **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)	4.09	4.10	4.00	4.20	0.01
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)	5.62	5.63	5.53	5.73	0.01
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.33	6.34	6.24	6.44	0.01
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.65	7.66	7.56	7.76	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.:** Q3693

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071442.D **Time Analyzed:** 17:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	481.640	500.000	-3.7
Aroclor-1016-2	4.515	4.416	4.616	483.050	500.000	-3.4
Aroclor-1016-3	4.573	4.474	4.674	471.010	500.000	-5.8
Aroclor-1016-4	4.663	4.564	4.764	472.740	500.000	-5.5
Aroclor-1016-5	4.949	4.849	5.049	480.980	500.000	-3.8
Aroclor-1260-1	6.043	5.943	6.143	483.480	500.000	-3.3
Aroclor-1260-2	6.299	6.200	6.400	498.980	500.000	-0.2
Aroclor-1260-3	6.652	6.552	6.752	479.010	500.000	-4.2
Aroclor-1260-4	6.867	6.767	6.967	481.290	500.000	-3.7
Aroclor-1260-5	7.175	7.075	7.275	486.170	500.000	-2.8
Decachlorobiphenyl	8.537	8.437	8.637	43.880	50.000	-12.2
Tetrachloro-m-xylene	3.410	3.311	3.511	46.090	50.000	-7.8

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.:** Q3693

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071442.D **Time Analyzed:** 17:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.868	3.771	3.971	571.790	500.000	14.4
Aroclor-1016-2	3.885	3.788	3.988	581.010	500.000	16.2
Aroclor-1016-3	4.046	3.950	4.150	561.130	500.000	12.2
Aroclor-1016-4	4.094	3.998	4.198	548.620	500.000	9.7
Aroclor-1016-5	4.291	4.195	4.395	563.620	500.000	12.7
Aroclor-1260-1	5.292	5.197	5.397	556.780	500.000	11.4
Aroclor-1260-2	5.481	5.386	5.586	560.060	500.000	12.0
Aroclor-1260-3	5.624	5.530	5.730	550.180	500.000	10.0
Aroclor-1260-4	6.089	5.993	6.193	584.560	500.000	16.9
Aroclor-1260-5	6.333	6.238	6.438	562.690	500.000	12.5
Decachlorobiphenyl	7.654	7.559	7.759	52.820	50.000	5.6
Tetrachloro-m-xylene	2.854	2.756	2.956	52.790	50.000	5.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:23
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:41:03 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	401.2E6	492.8E6	46.087	52.786
2)	SA Decachlor...	8.537	7.654	274.7E6	482.6E6	43.877	52.817
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.868	159.2E6	207.1E6	481.638	571.792
4)	L1 AR-1016-2	4.515	3.885	229.8E6	285.4E6	483.054	581.013
5)	L1 AR-1016-3	4.573	4.046	140.6E6	156.0E6	471.006	561.131m
6)	L1 AR-1016-4	4.663	4.094	116.1E6	123.0E6	472.737	548.623m
7)	L1 AR-1016-5	4.949	4.291	113.7E6	157.0E6	480.978	563.615m
31)	L7 AR-1260-1	6.043	5.292	216.4E6	277.8E6	483.476	556.783m
32)	L7 AR-1260-2	6.299	5.481	254.9E6	339.6E6	498.983	560.059m
33)	L7 AR-1260-3	6.652	5.624	183.3E6	325.3E6	479.007	550.177m
34)	L7 AR-1260-4	6.867	6.089	201.2E6	289.6E6	481.293	584.564
35)	L7 AR-1260-5	7.175	6.333	404.6E6	646.1E6	486.173	562.692

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:23
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

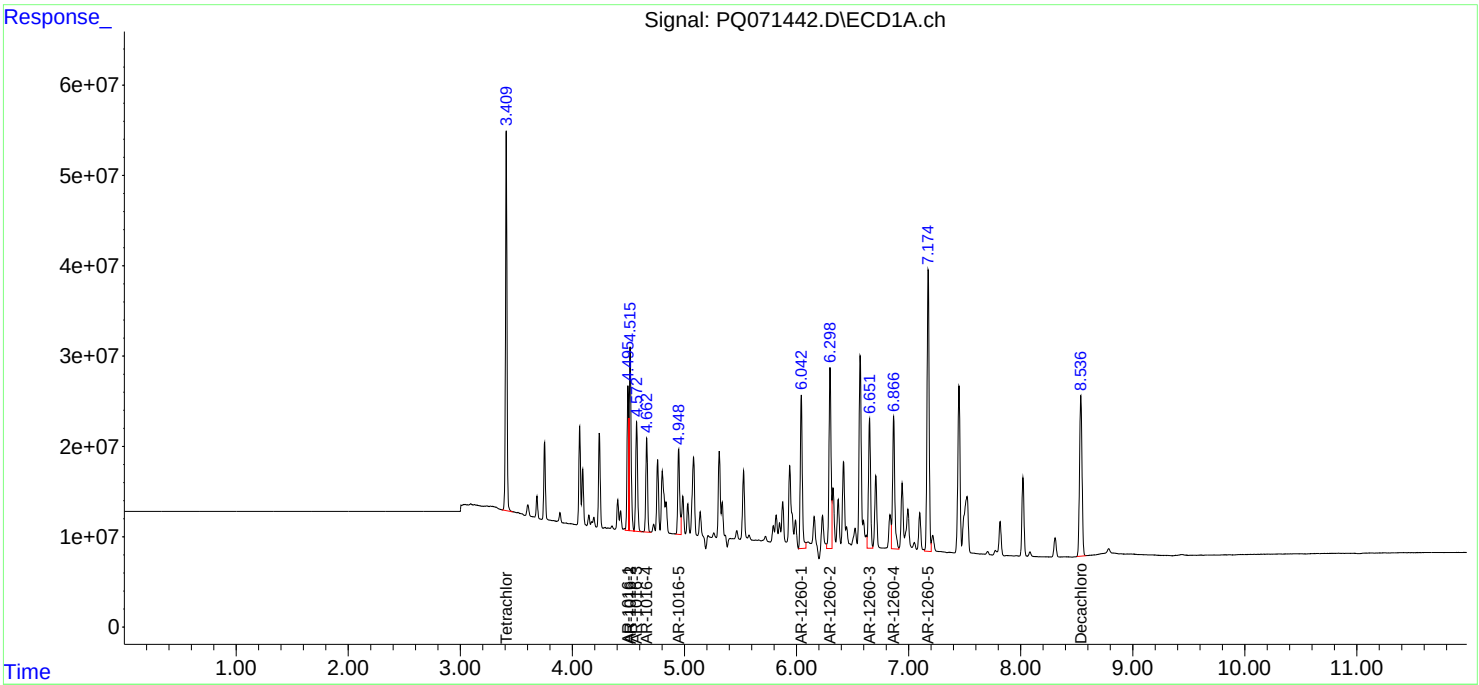
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

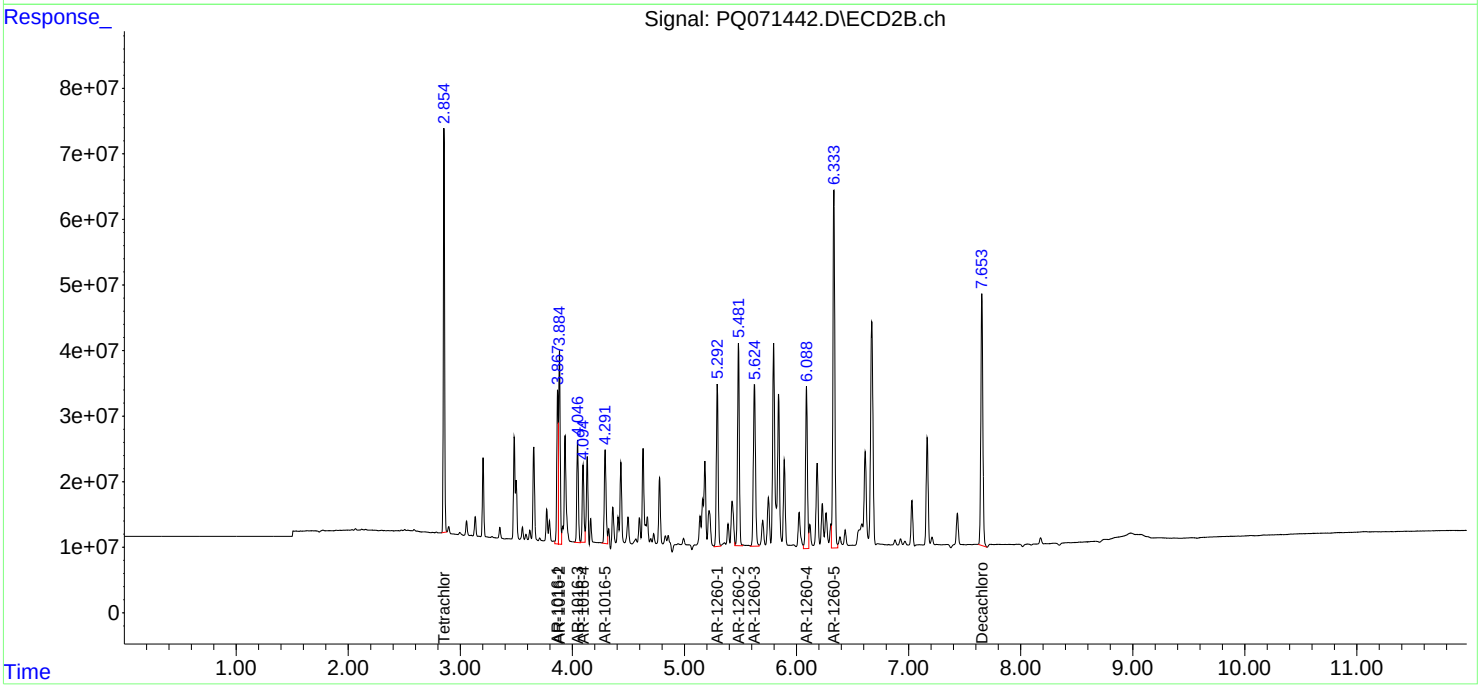
Manual Integrations APPROVED

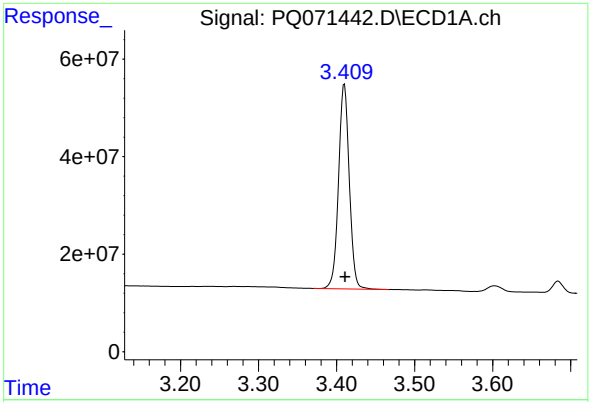
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:41:03 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







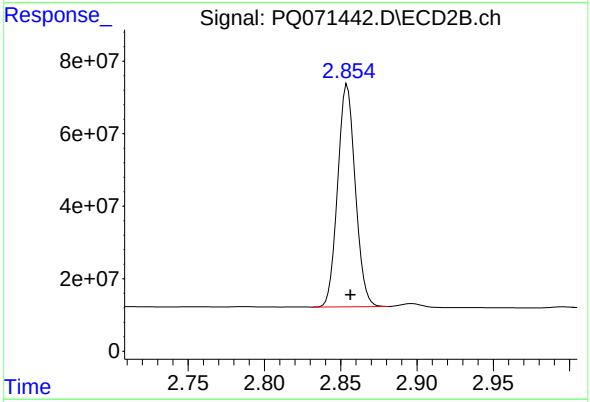
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 401197158
Conc: 46.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

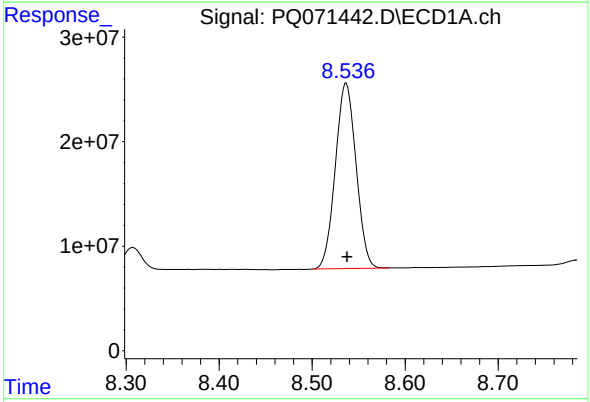
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



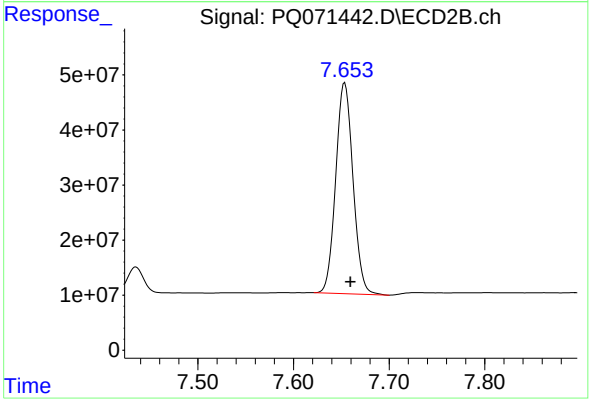
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 492847383
Conc: 52.79 ng/ml



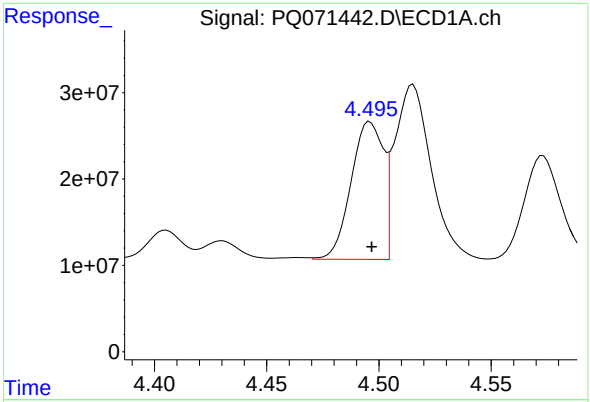
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 274735899
Conc: 43.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 482624466
Conc: 52.82 ng/ml



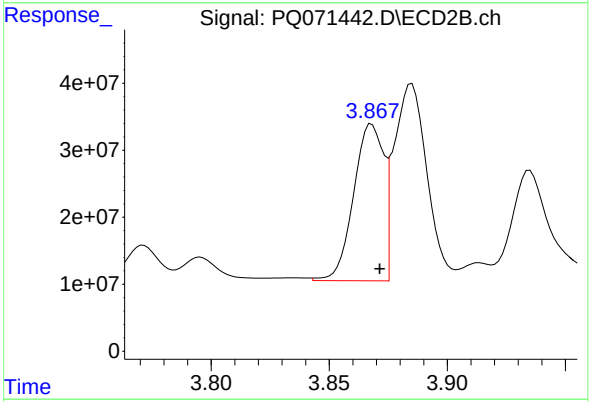
#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 159205345
Conc: 481.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

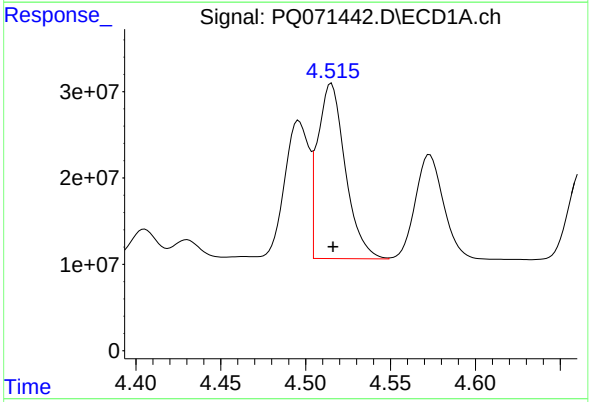
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



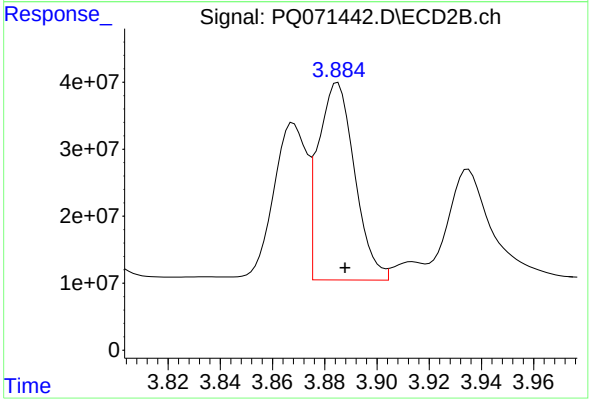
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 207059154
Conc: 571.79 ng/ml



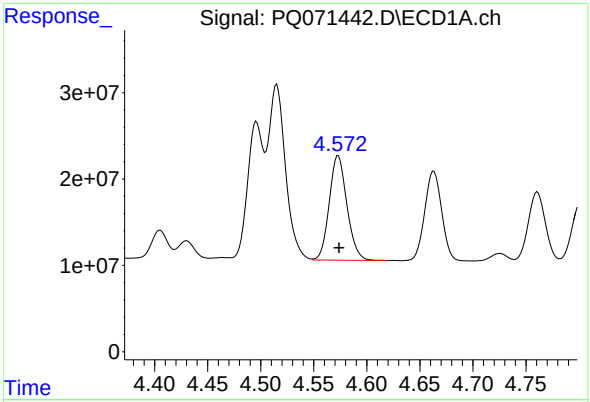
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 229750282
Conc: 483.05 ng/ml



#4 AR-1016-2

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 285383071
Conc: 581.01 ng/ml



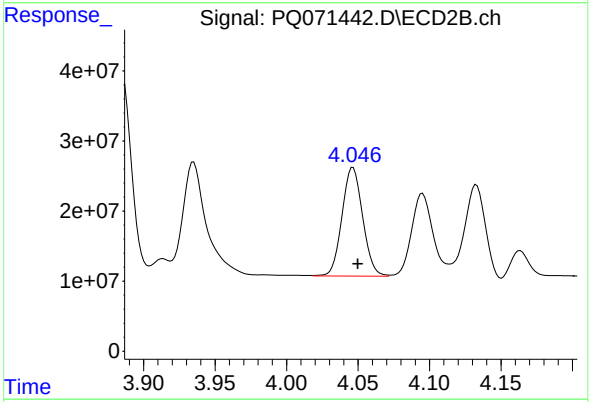
#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 140575716
Conc: 471.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

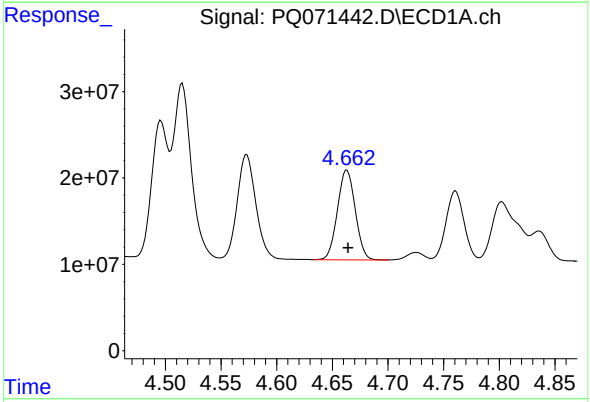
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



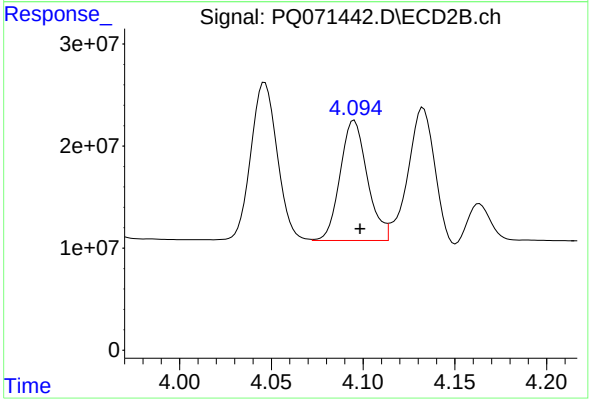
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 155989905
Conc: 561.13 ng/ml m



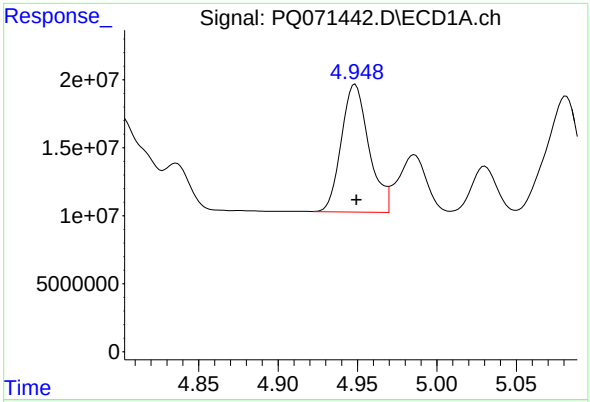
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 116079131
Conc: 472.74 ng/ml



#6 AR-1016-4

R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 123027740
Conc: 548.62 ng/ml m



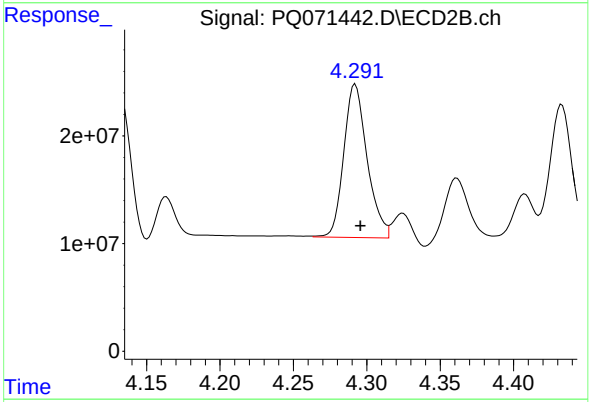
#7 AR-1016-5

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 113710302
Conc: 480.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

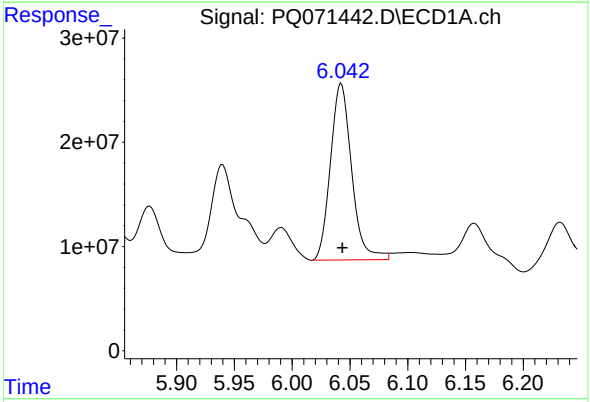
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



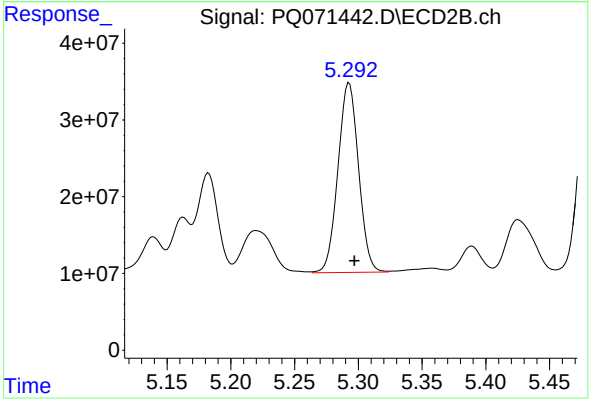
#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 157005251
Conc: 563.62 ng/ml m



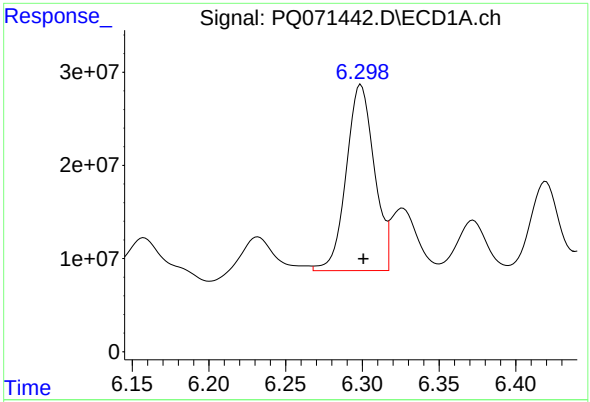
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 216354089
Conc: 483.48 ng/ml



#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 277794097
Conc: 556.78 ng/ml m



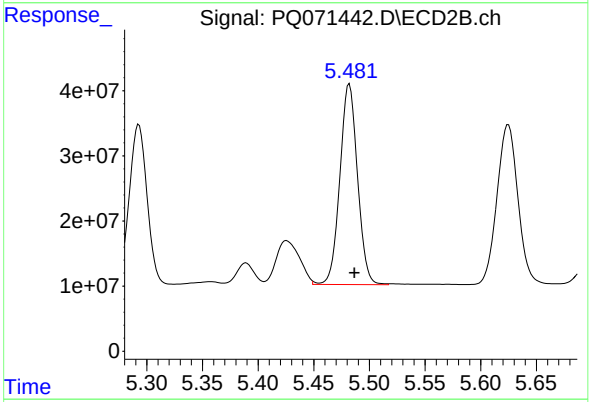
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 254937128
Conc: 498.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

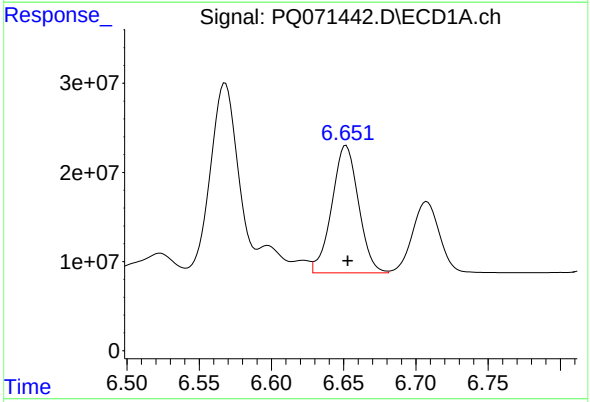
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



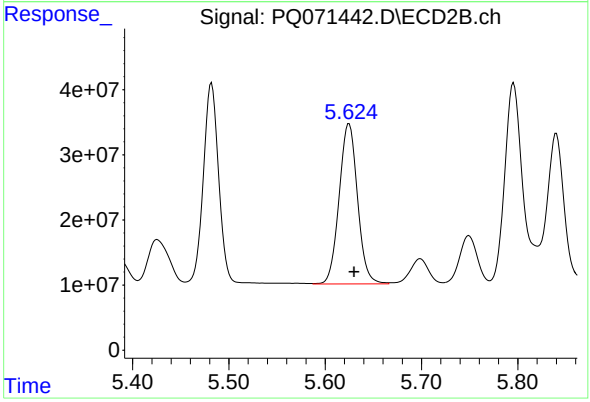
#32 AR-1260-2

R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 339606014
Conc: 560.06 ng/ml m



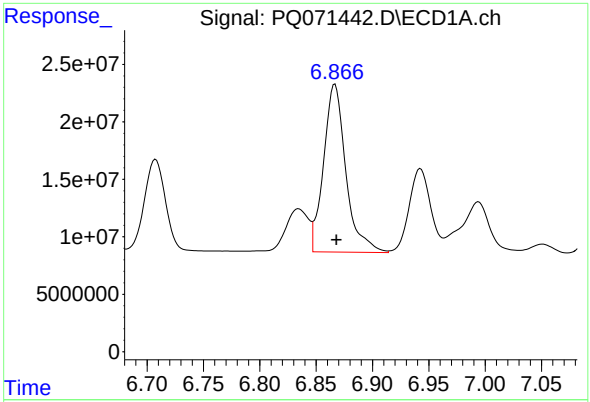
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 183332151
Conc: 479.01 ng/ml



#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 325255639
Conc: 550.18 ng/ml m



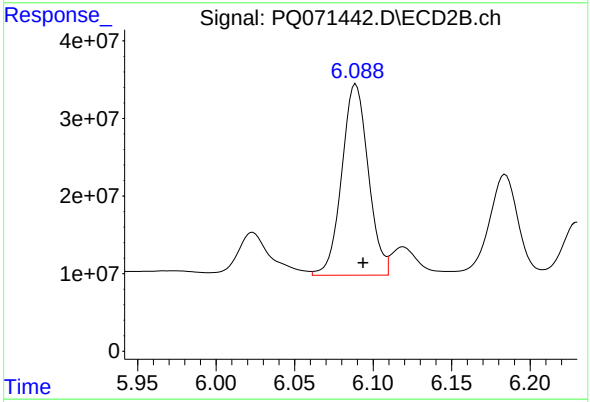
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 201249879
Conc: 481.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

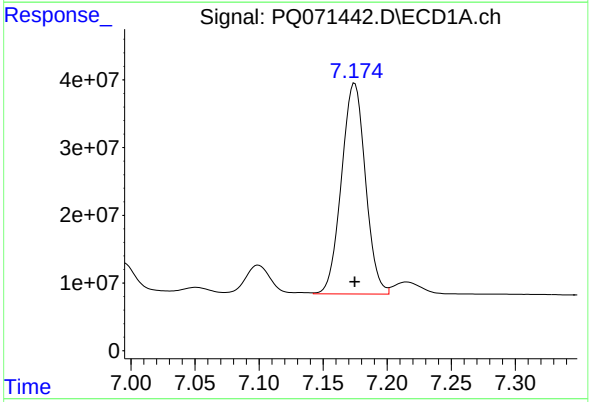
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



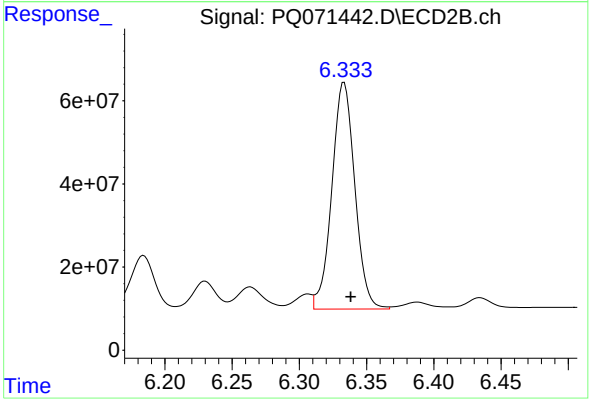
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 289580529
Conc: 584.56 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 404611646
Conc: 486.17 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 646131511
Conc: 562.69 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.:** Q3693

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 21:31 **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)	7.18	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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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 21:31 **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	0.01
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)	6.33	6.34	6.24	6.44	0.01
Tetrachloro-m-xylene		2.86	2.86	2.76	2.96	0.00
Decachlorobiphenyl		7.65	7.66	7.56	7.76	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071454.D **Time Analyzed:** 21:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	473.580	500.000	-5.3
Aroclor-1016-2	4.515	4.416	4.616	472.940	500.000	-5.4
Aroclor-1016-3	4.573	4.474	4.674	467.460	500.000	-6.5
Aroclor-1016-4	4.663	4.564	4.764	462.950	500.000	-7.4
Aroclor-1016-5	4.948	4.849	5.049	471.620	500.000	-5.7
Aroclor-1260-1	6.042	5.943	6.143	470.950	500.000	-5.8
Aroclor-1260-2	6.300	6.200	6.400	505.050	500.000	1.0
Aroclor-1260-3	6.652	6.552	6.752	471.430	500.000	-5.7
Aroclor-1260-4	6.867	6.767	6.967	466.390	500.000	-6.7
Aroclor-1260-5	7.175	7.075	7.275	469.930	500.000	-6.0
Decachlorobiphenyl	8.537	8.437	8.637	42.750	50.000	-14.5
Tetrachloro-m-xylene	3.410	3.311	3.511	45.100	50.000	-9.8

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.:** Q3693

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071454.D **Time Analyzed:** 21:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.868	3.771	3.971	477.920	500.000	-4.4
Aroclor-1016-2	3.885	3.788	3.988	487.450	500.000	-2.5
Aroclor-1016-3	4.046	3.950	4.150	522.020	500.000	4.4
Aroclor-1016-4	4.095	3.998	4.198	511.830	500.000	2.4
Aroclor-1016-5	4.293	4.195	4.395	546.060	500.000	9.2
Aroclor-1260-1	5.292	5.197	5.397	454.650	500.000	-9.1
Aroclor-1260-2	5.482	5.386	5.586	458.060	500.000	-8.4
Aroclor-1260-3	5.625	5.530	5.730	441.770	500.000	-11.6
Aroclor-1260-4	6.089	5.993	6.193	483.400	500.000	-3.3
Aroclor-1260-5	6.334	6.238	6.438	461.520	500.000	-7.7
Decachlorobiphenyl	7.653	7.559	7.759	41.190	50.000	-17.6
Tetrachloro-m-xylene	2.855	2.756	2.956	44.840	50.000	-10.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 21:31
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:56:55 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	392.6E6	418.7E6	45.105	44.840
2)	SA Decachlor...	8.537	7.653	267.7E6	376.3E6	42.750	41.186
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.868	156.5E6	173.1E6	473.575	477.923
4)	L1 AR-1016-2	4.515	3.885	224.9E6	239.4E6	472.939	487.446
5)	L1 AR-1016-3	4.573	4.046	139.5E6	145.1E6	467.457	522.019
6)	L1 AR-1016-4	4.663	4.095	113.7E6	114.8E6	462.945	511.830
7)	L1 AR-1016-5	4.948	4.293	111.5E6	152.1E6	471.621	546.061
31)	L7 AR-1260-1	6.042	5.292	210.7E6	226.8E6	470.946	454.645m
32)	L7 AR-1260-2	6.300	5.482	258.0E6	277.8E6	505.051	458.056m
33)	L7 AR-1260-3	6.652	5.625	180.4E6	261.2E6	471.428	441.772m
34)	L7 AR-1260-4	6.867	6.089	195.0E6	239.5E6	466.387	483.398
35)	L7 AR-1260-5	7.175	6.334	391.1E6	530.0E6	469.925	461.523

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 21:31
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

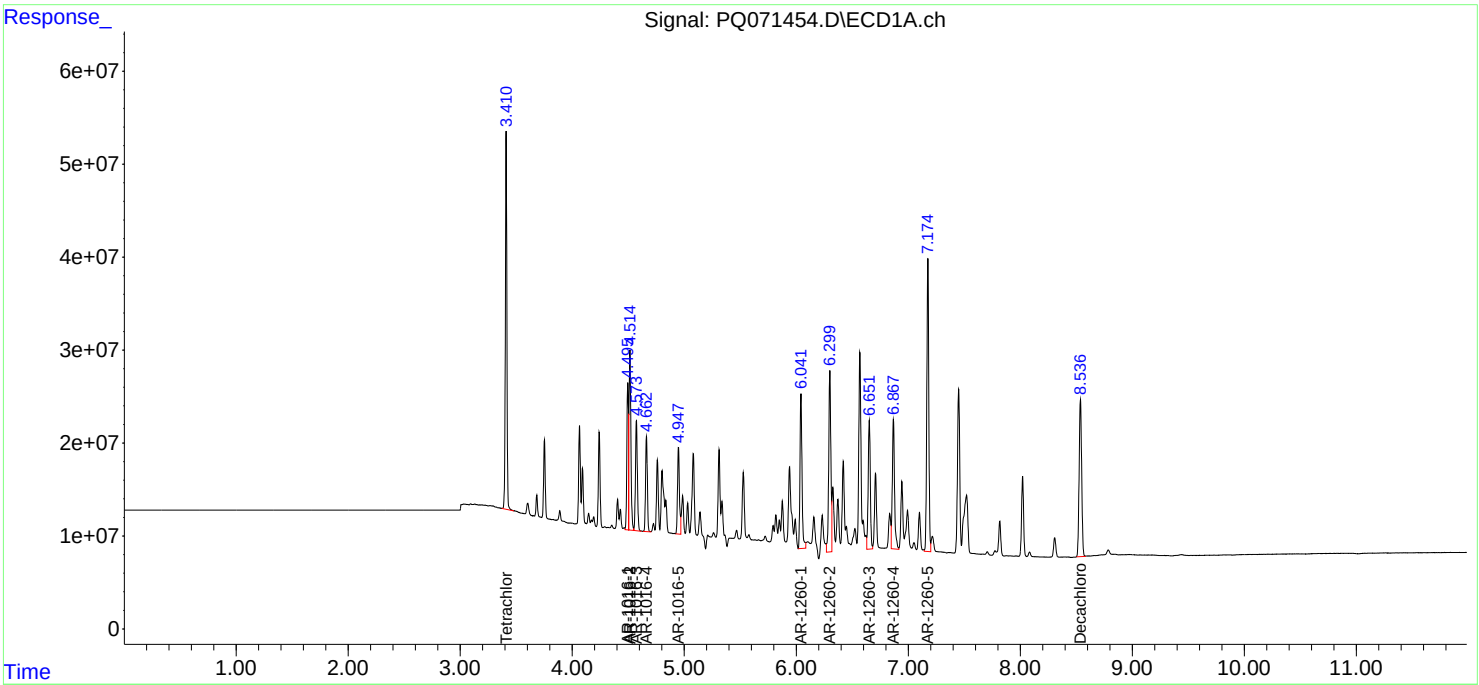
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

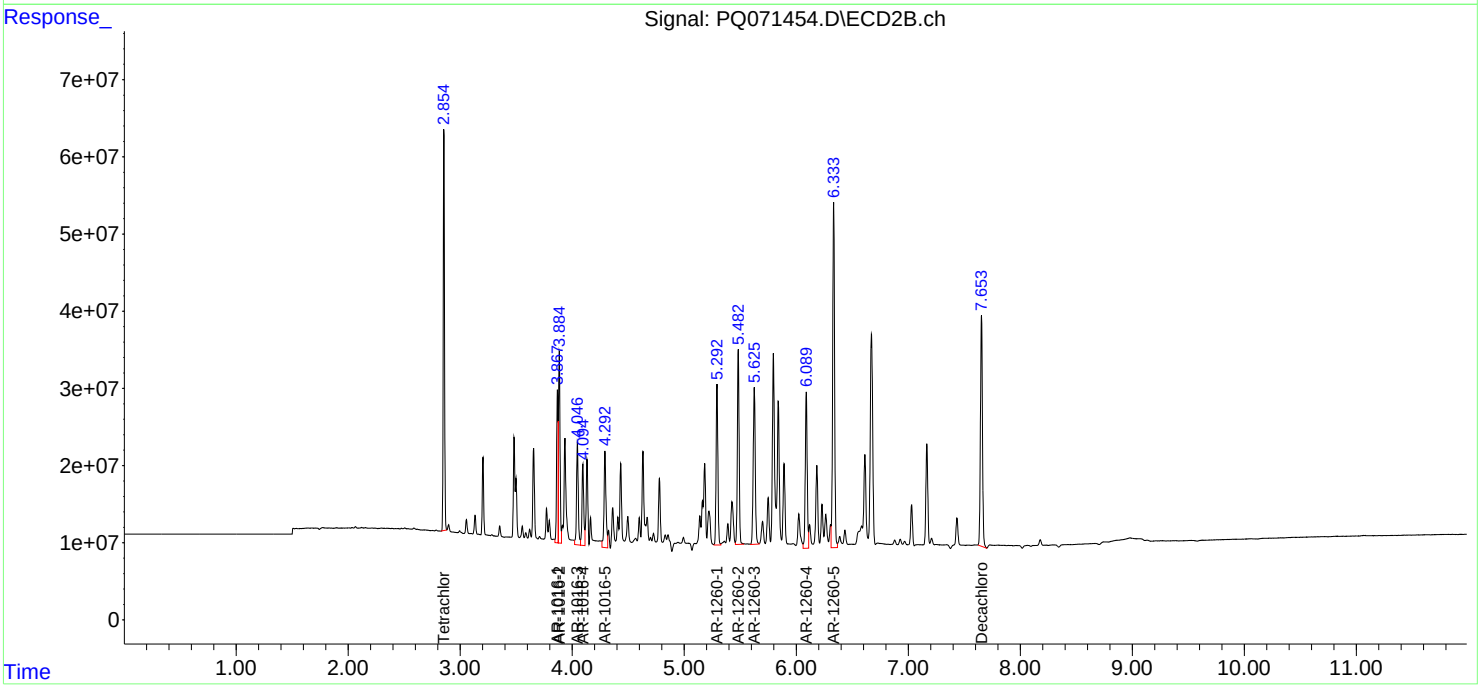
Manual Integrations APPROVED

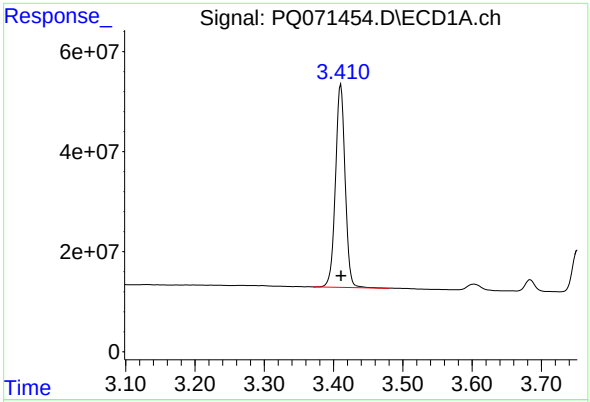
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:56:55 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







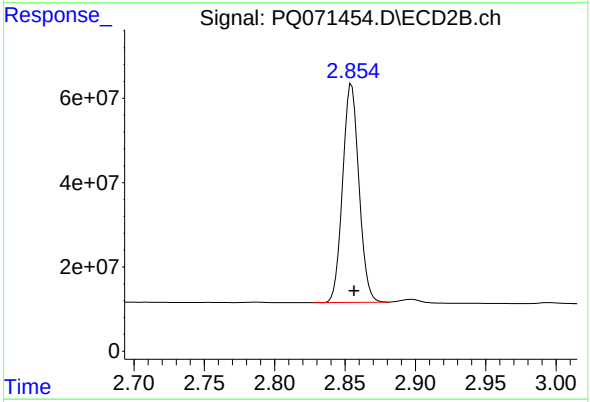
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 392644309
Conc: 45.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

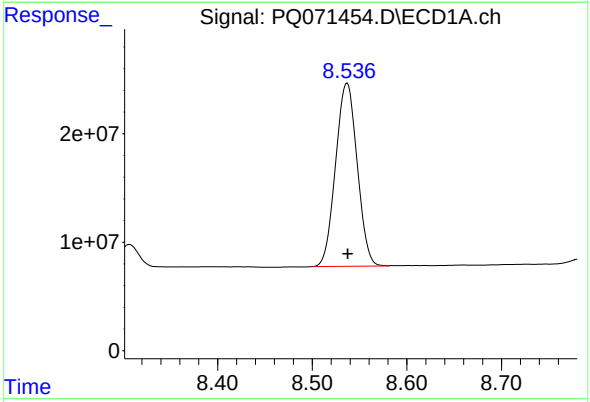
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



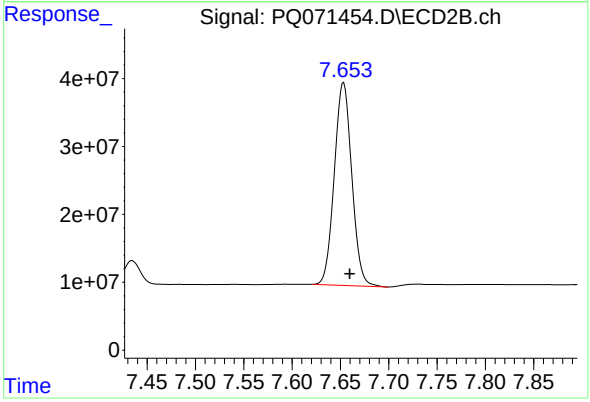
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 418654427
Conc: 44.84 ng/ml



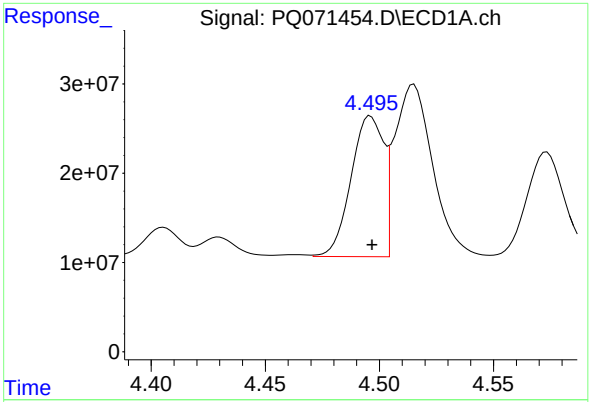
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 267679007
Conc: 42.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 376348313
Conc: 41.19 ng/ml



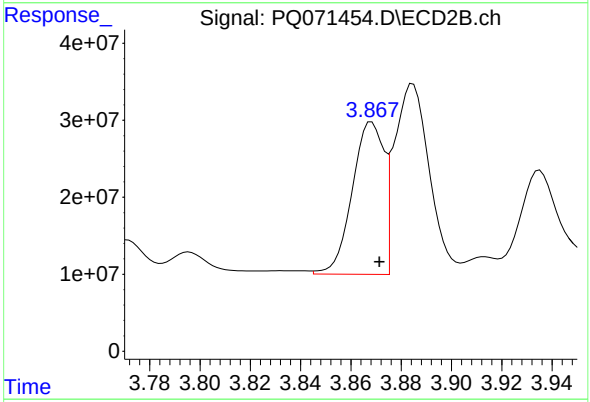
#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 156540133
Conc: 473.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

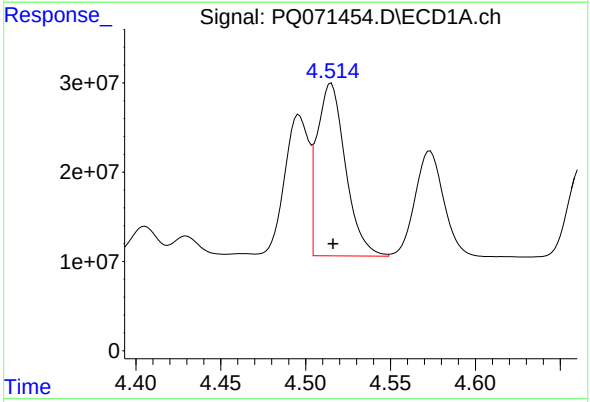
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



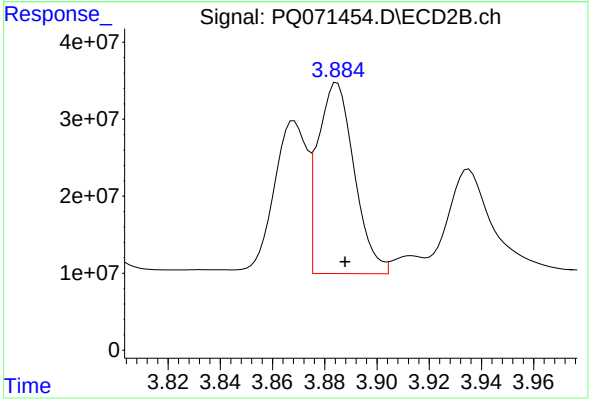
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 173066923
Conc: 477.92 ng/ml



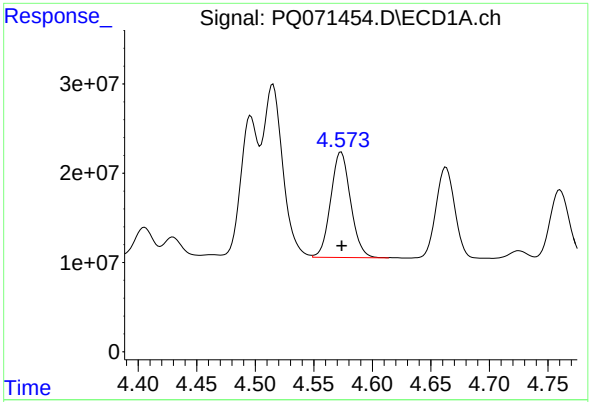
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 224939259
Conc: 472.94 ng/ml



#4 AR-1016-2

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 239424665
Conc: 487.45 ng/ml



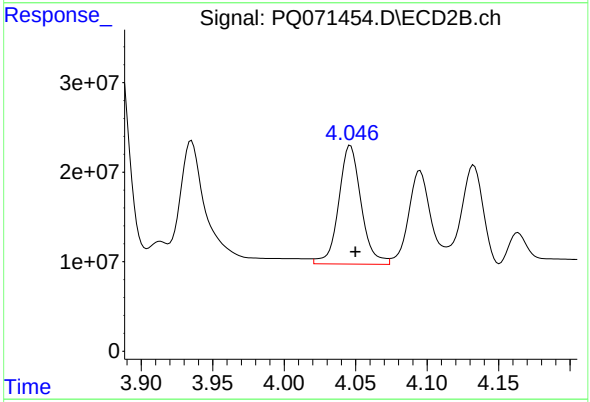
#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 139516524
Conc: 467.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

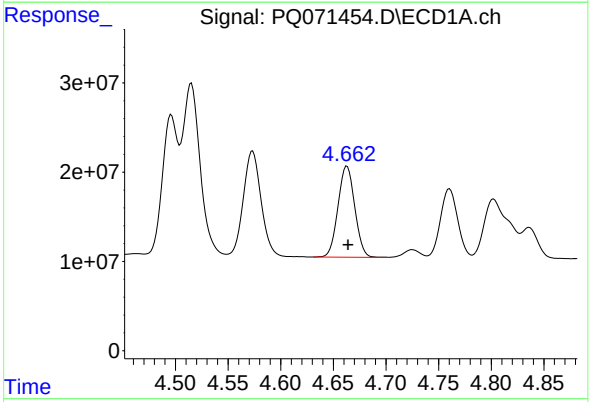
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



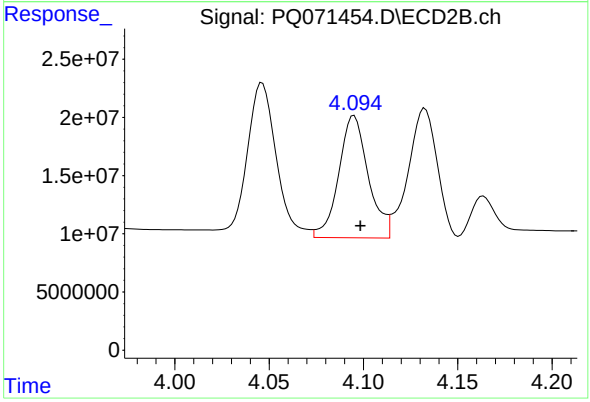
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.003 min
Response: 145116898
Conc: 522.02 ng/ml



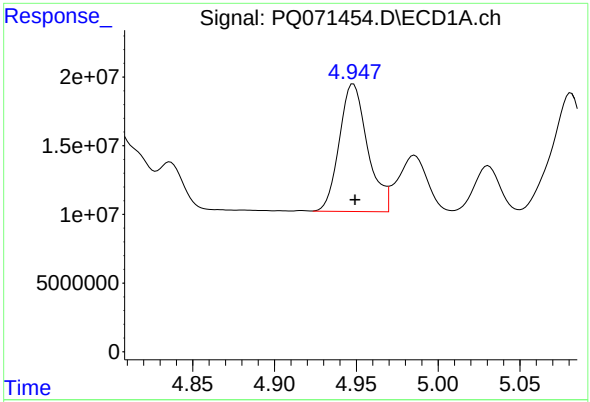
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 113674842
Conc: 462.95 ng/ml



#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 114776976
Conc: 511.83 ng/ml



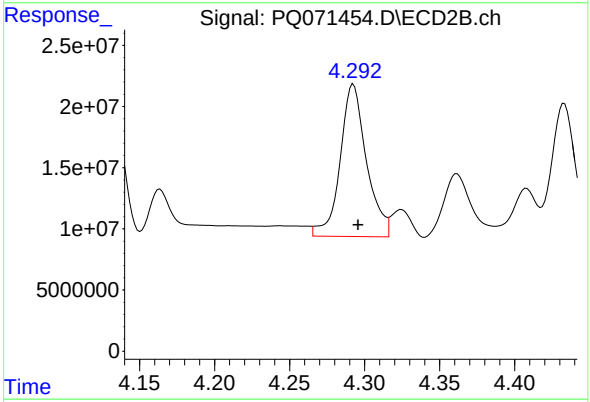
#7 AR-1016-5

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 111498141
Conc: 471.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

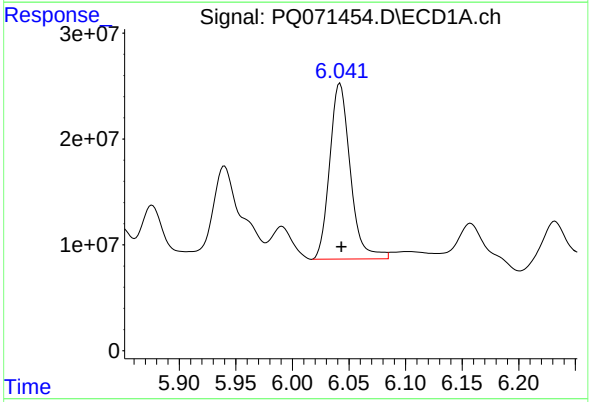
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



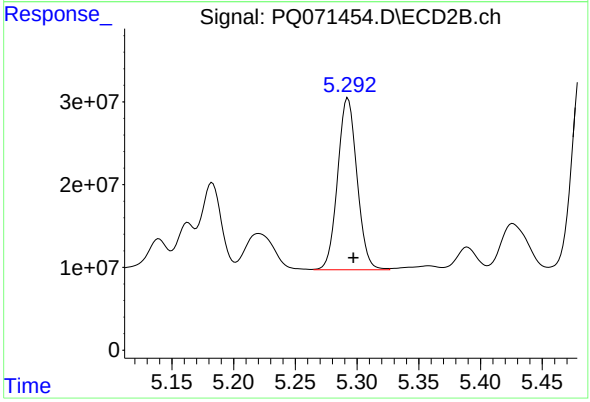
#7 AR-1016-5

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 152115274
Conc: 546.06 ng/ml



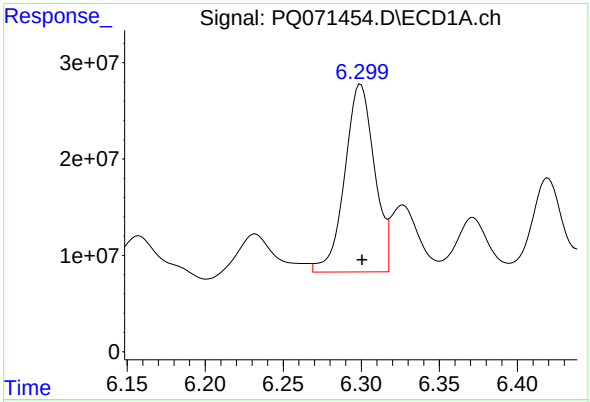
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 210746943
Conc: 470.95 ng/ml



#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 226834825
Conc: 454.65 ng/ml m



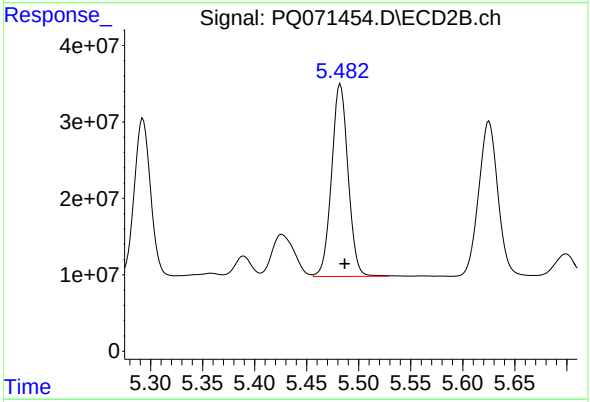
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 258037578
Conc: 505.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

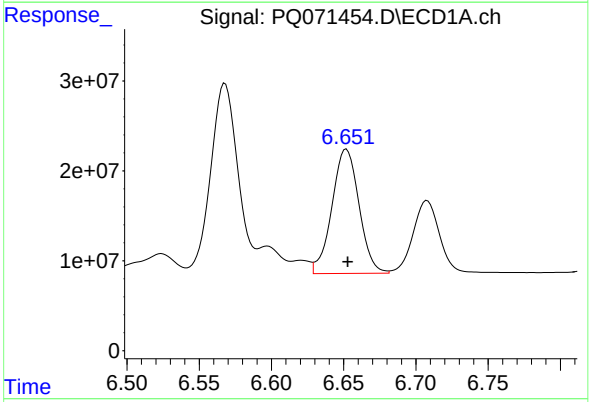
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



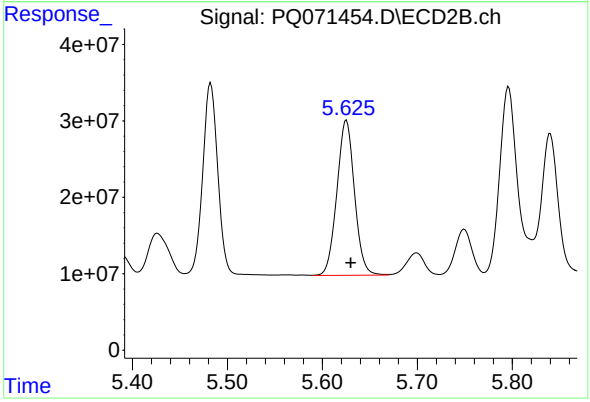
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 277753834
Conc: 458.06 ng/ml m



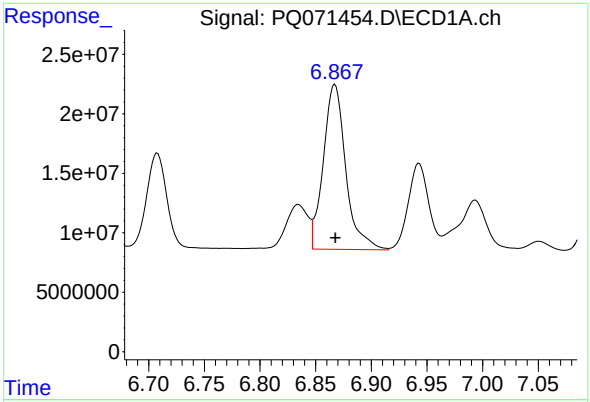
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 180431437
Conc: 471.43 ng/ml



#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 261168771
Conc: 441.77 ng/ml m



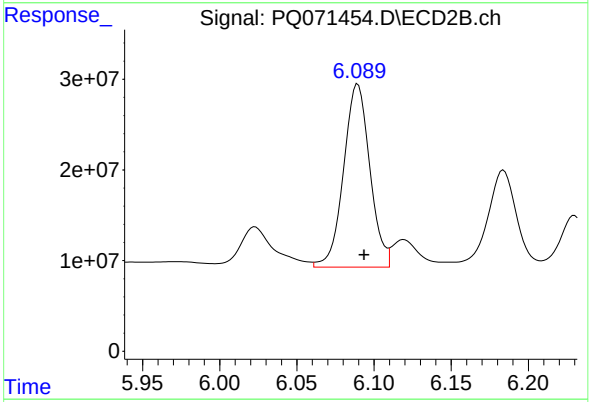
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 195017121
Conc: 466.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

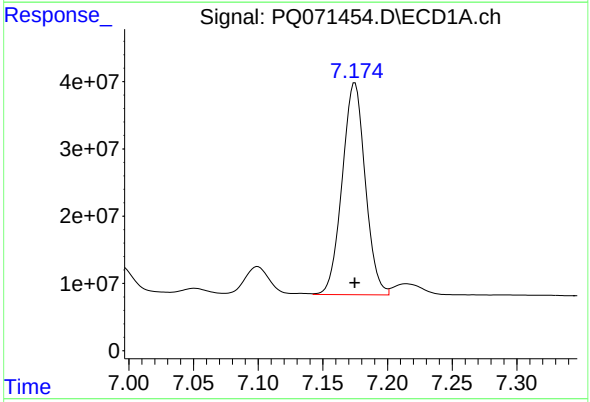
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



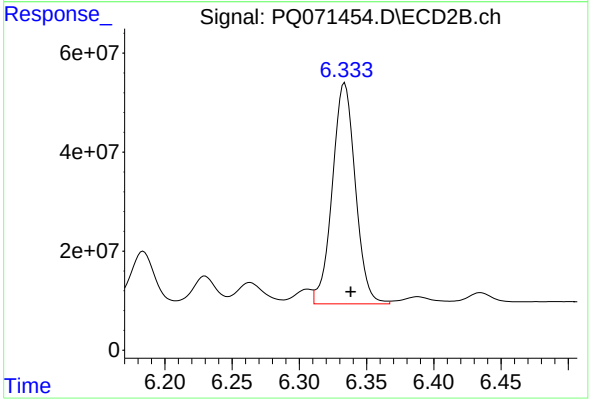
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 239464874
Conc: 483.40 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 391089602
Conc: 469.93 ng/ml



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 529960434
Conc: 461.52 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.:** Q3693

Continuing Calib Date: 11/22/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 01:53 **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)	7.18	7.18	7.08	7.28	0.00
Tetrachloro-m-xylene		3.41	3.41	3.31	3.51	0.00
Decachlorobiphenyl		8.53	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.:** Q3693

Continuing Calib Date: 11/22/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 01:53 **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)	3.88	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)	4.09	4.10	4.00	4.20	0.01
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)	5.62	5.63	5.53	5.73	0.01
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.33	6.34	6.24	6.44	0.01
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.65	7.66	7.56	7.76	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.:** Q3693

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071466.D **Time Analyzed:** 01:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	495.860	500.000	-0.8
Aroclor-1016-2	4.515	4.416	4.616	496.710	500.000	-0.7
Aroclor-1016-3	4.572	4.474	4.674	494.030	500.000	-1.2
Aroclor-1016-4	4.663	4.564	4.764	494.140	500.000	-1.2
Aroclor-1016-5	4.948	4.849	5.049	493.390	500.000	-1.3
Aroclor-1260-1	6.042	5.943	6.143	502.410	500.000	0.5
Aroclor-1260-2	6.300	6.200	6.400	533.840	500.000	6.8
Aroclor-1260-3	6.653	6.552	6.752	497.560	500.000	-0.5
Aroclor-1260-4	6.867	6.767	6.967	493.730	500.000	-1.3
Aroclor-1260-5	7.175	7.075	7.275	498.260	500.000	-0.3
Decachlorobiphenyl	8.534	8.437	8.637	44.880	50.000	-10.2
Tetrachloro-m-xylene	3.409	3.311	3.511	47.860	50.000	-4.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071466.D **Time Analyzed:** 01:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.867	3.771	3.971	495.010	500.000	-1.0
Aroclor-1016-2	3.883	3.788	3.988	479.710	500.000	-4.1
Aroclor-1016-3	4.045	3.950	4.150	481.800	500.000	-3.6
Aroclor-1016-4	4.093	3.998	4.198	481.250	500.000	-3.8
Aroclor-1016-5	4.291	4.195	4.395	479.140	500.000	-4.2
Aroclor-1260-1	5.291	5.197	5.397	483.670	500.000	-3.3
Aroclor-1260-2	5.481	5.386	5.586	476.900	500.000	-4.6
Aroclor-1260-3	5.624	5.530	5.730	468.150	500.000	-6.4
Aroclor-1260-4	6.088	5.993	6.193	509.780	500.000	2.0
Aroclor-1260-5	6.333	6.238	6.438	486.030	500.000	-2.8
Decachlorobiphenyl	7.652	7.559	7.759	43.290	50.000	-13.4
Tetrachloro-m-xylene	2.853	2.756	2.956	47.240	50.000	-5.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:02:08 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...	3.409	2.853	416.6E6	441.0E6	47.861	47.238
2)	SA Decachlor...	8.534	7.652	281.0E6	395.6E6	44.878	43.294
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.867	163.9E6	179.3E6	495.857	495.007m
4)	L1 AR-1016-2	4.515	3.883	236.2E6	235.6E6	496.706	479.710m
5)	L1 AR-1016-3	4.572	4.045	147.4E6	133.9E6	494.031	481.799m
6)	L1 AR-1016-4	4.663	4.093	121.3E6	107.9E6	494.140	481.249m
7)	L1 AR-1016-5	4.948	4.291	116.6E6	133.5E6	493.395	479.135m
31)	L7 AR-1260-1	6.042	5.291	224.8E6	241.3E6	502.412	483.667m
32)	L7 AR-1260-2	6.300	5.481	272.7E6	289.2E6	533.836	476.896m
33)	L7 AR-1260-3	6.653	5.624	190.4E6	276.8E6	497.562	468.151m
34)	L7 AR-1260-4	6.867	6.088	206.5E6	252.5E6	493.732	509.784
35)	L7 AR-1260-5	7.175	6.333	414.7E6	558.1E6	498.256	486.026

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

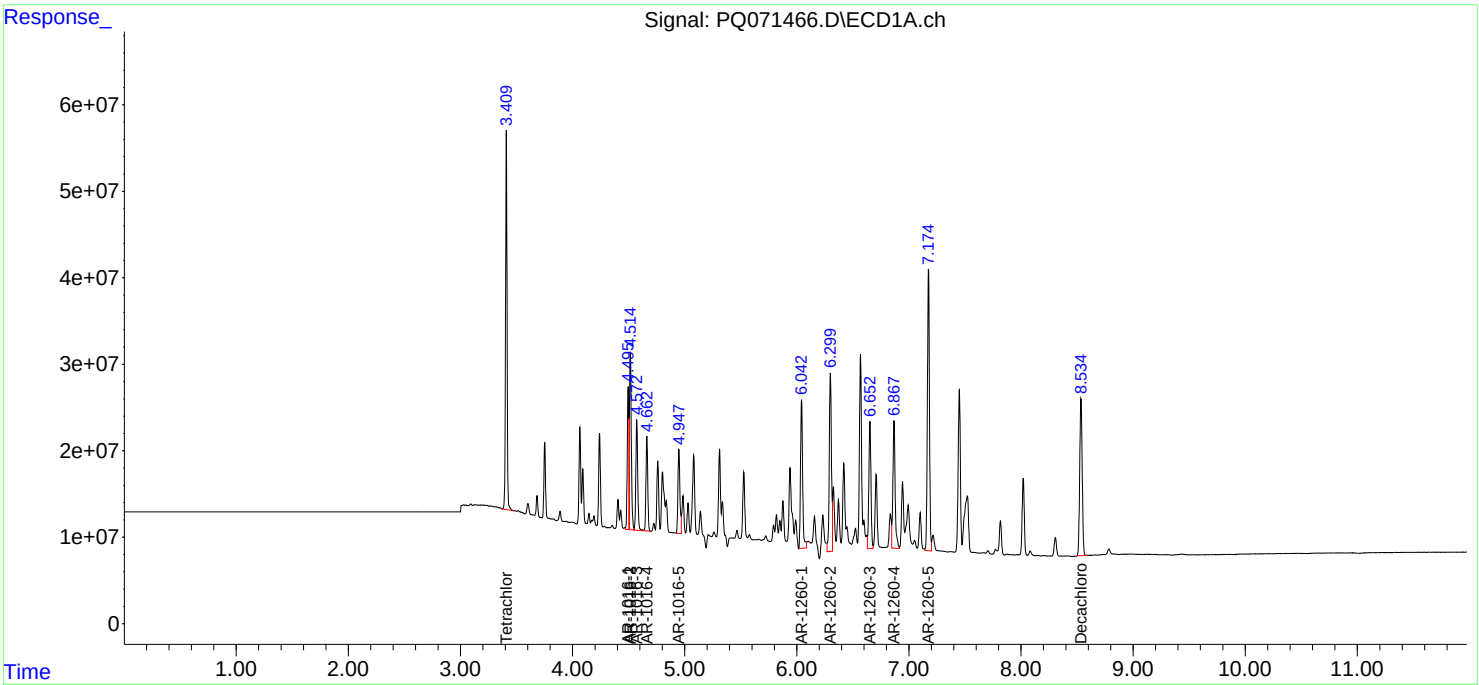
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

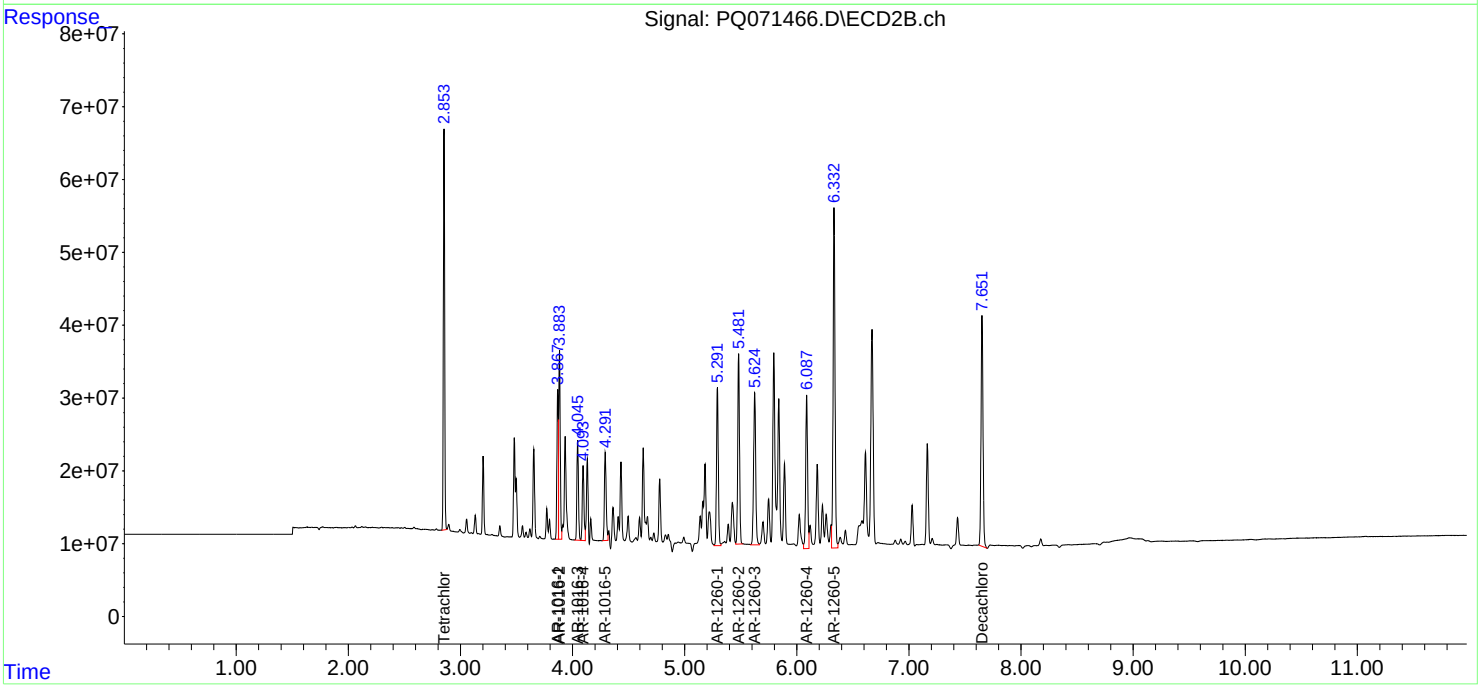
Manual Integrations APPROVED

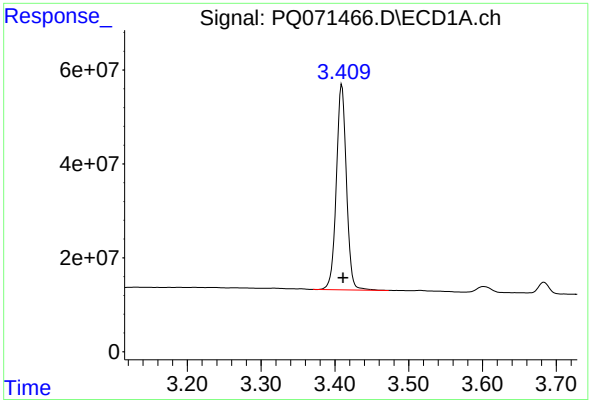
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:02:08 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







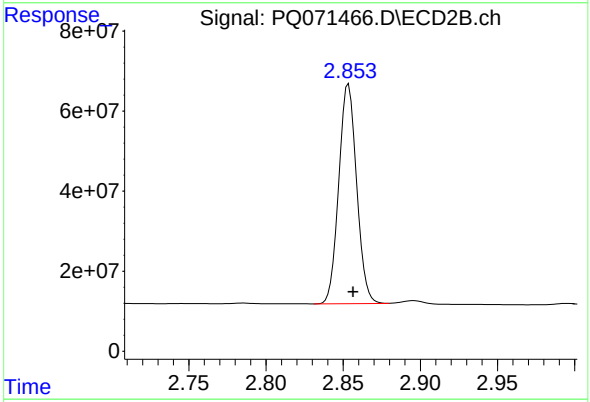
#1 Tetrachloro-m-xylene

R.T.: 3.409 min
Delta R.T.: -0.002 min
Response: 416640529
Conc: 47.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

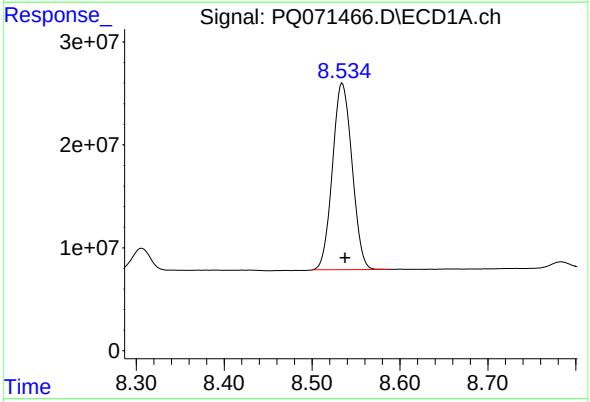
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



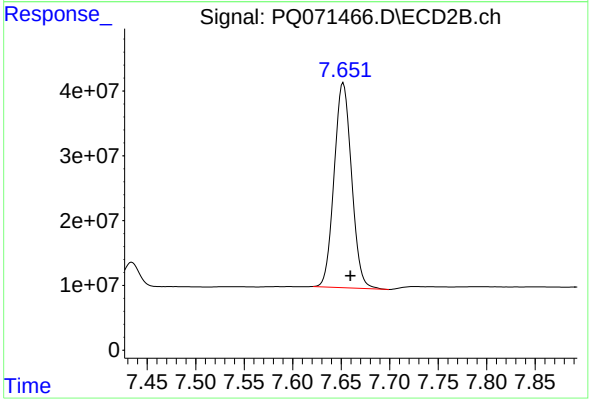
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 441044076
Conc: 47.24 ng/ml



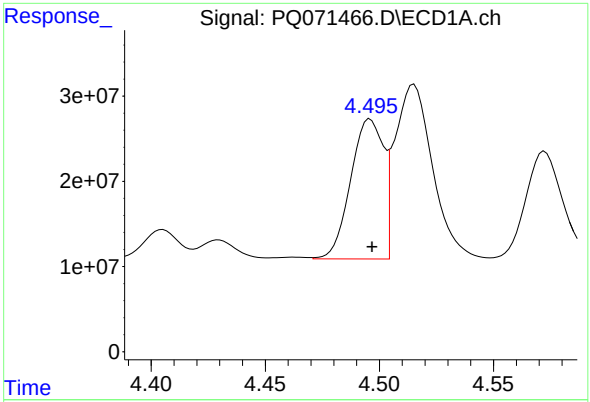
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 281005524
Conc: 44.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.652 min
Delta R.T.: -0.007 min
Response: 395610866
Conc: 43.29 ng/ml



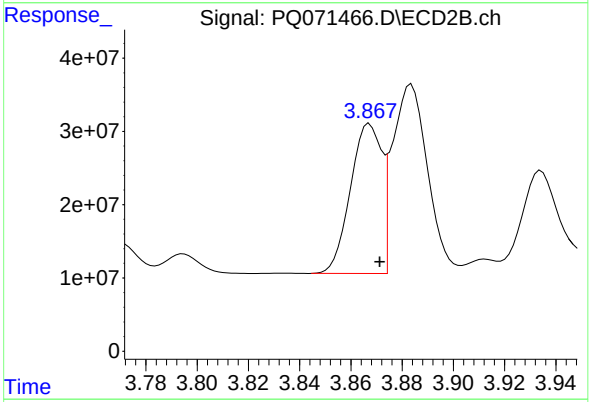
#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 163905282
Conc: 495.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

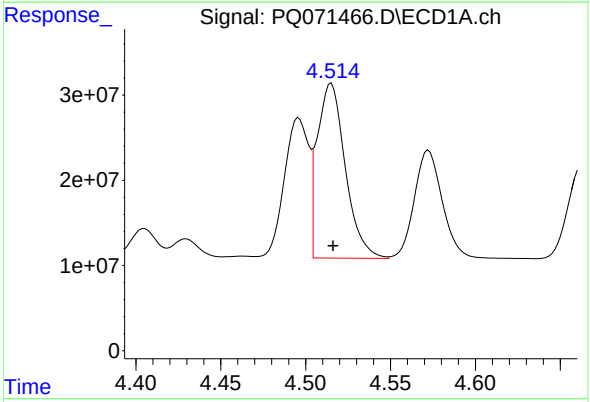
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



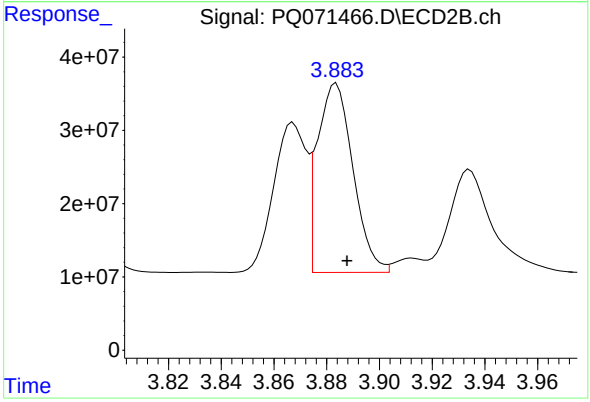
#3 AR-1016-1

R.T.: 3.867 min
Delta R.T.: -0.005 min
Response: 179253334
Conc: 495.01 ng/ml m



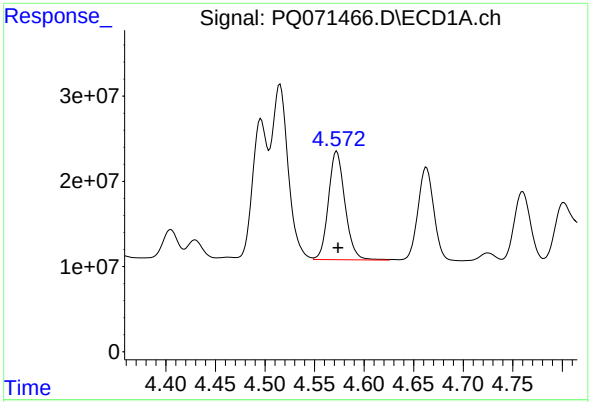
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 236243119
Conc: 496.71 ng/ml



#4 AR-1016-2

R.T.: 3.883 min
Delta R.T.: -0.005 min
Response: 235625053
Conc: 479.71 ng/ml m



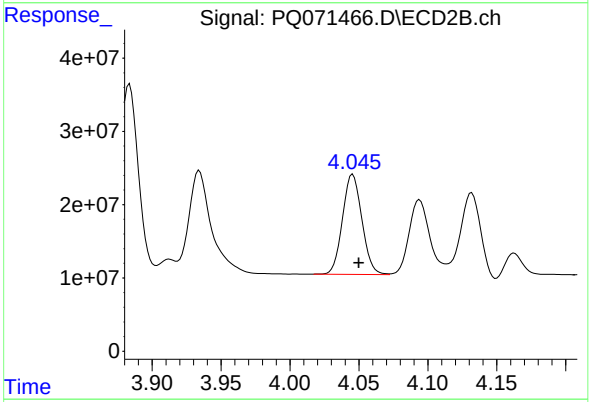
#5 AR-1016-3

R.T.: 4.572 min
Delta R.T.: -0.001 min
Response: 147447717
Conc: 494.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

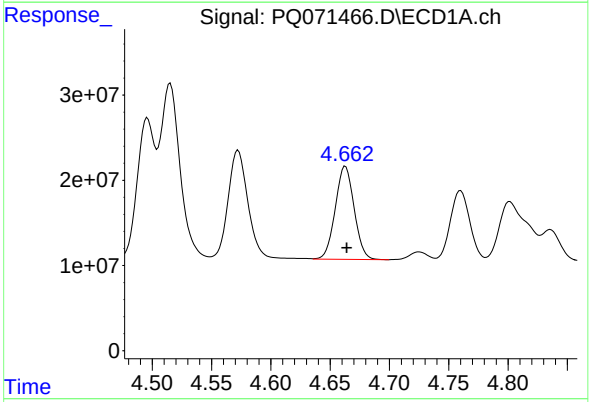
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



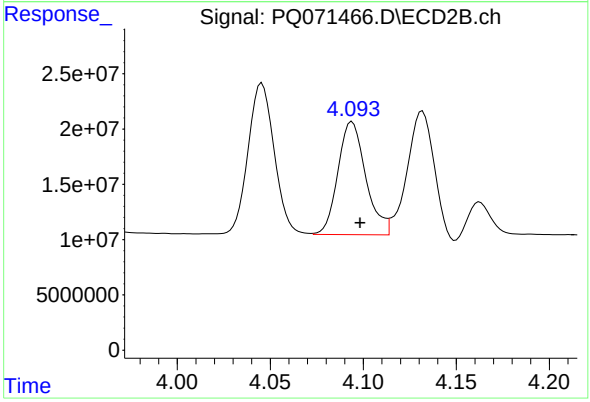
#5 AR-1016-3

R.T.: 4.045 min
Delta R.T.: -0.005 min
Response: 133936184
Conc: 481.80 ng/ml m



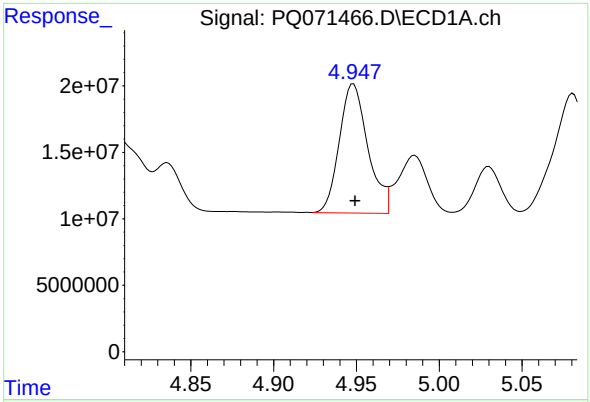
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 121334634
Conc: 494.14 ng/ml



#6 AR-1016-4

R.T.: 4.093 min
Delta R.T.: -0.005 min
Response: 107919122
Conc: 481.25 ng/ml m



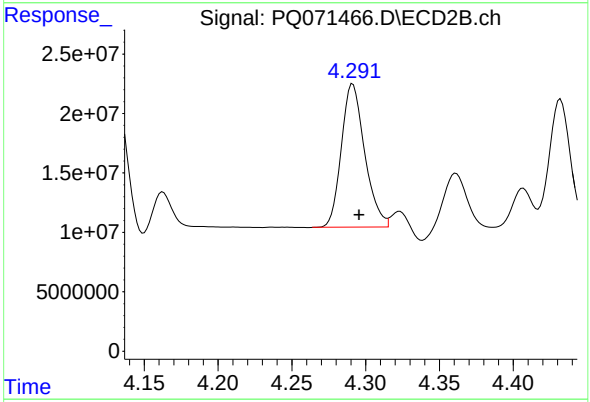
#7 AR-1016-5

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 116645888
Conc: 493.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

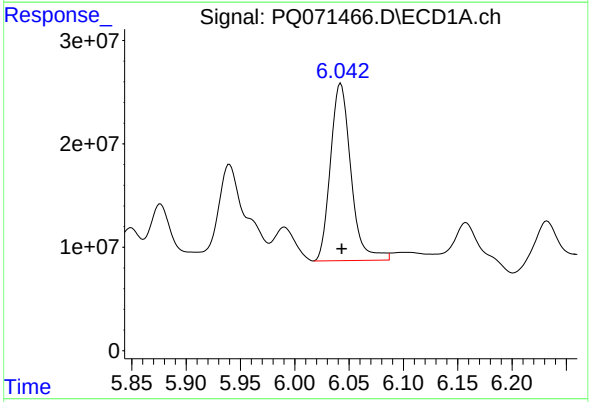
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



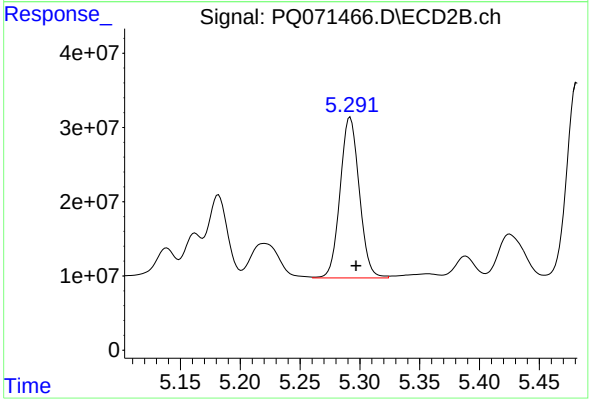
#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.005 min
Response: 133471715
Conc: 479.14 ng/ml m



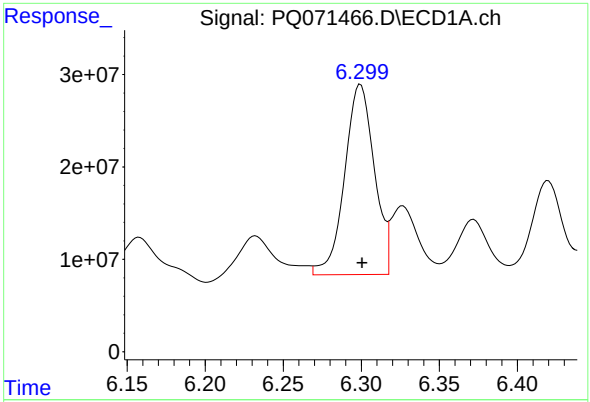
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 224827735
Conc: 502.41 ng/ml



#31 AR-1260-1

R.T.: 5.291 min
Delta R.T.: -0.006 min
Response: 241314346
Conc: 483.67 ng/ml m



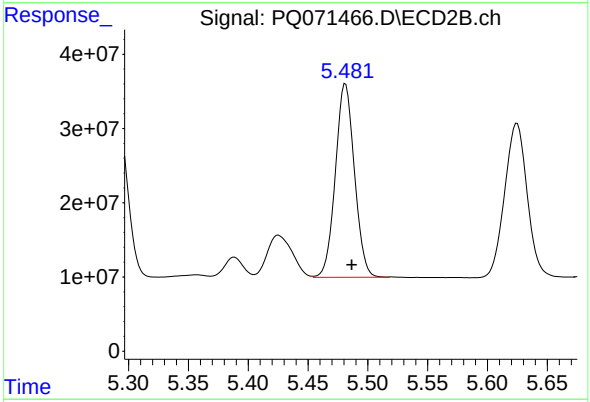
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 272744369
Conc: 533.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

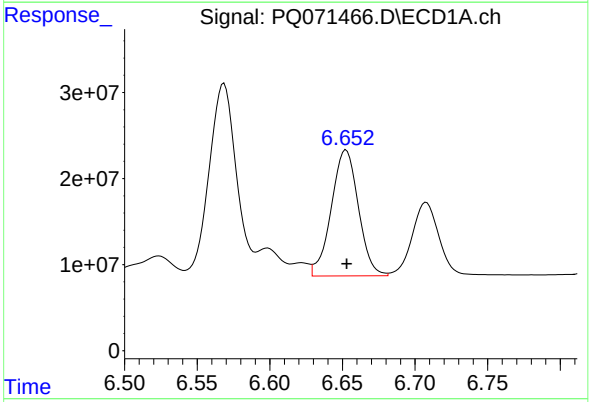
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



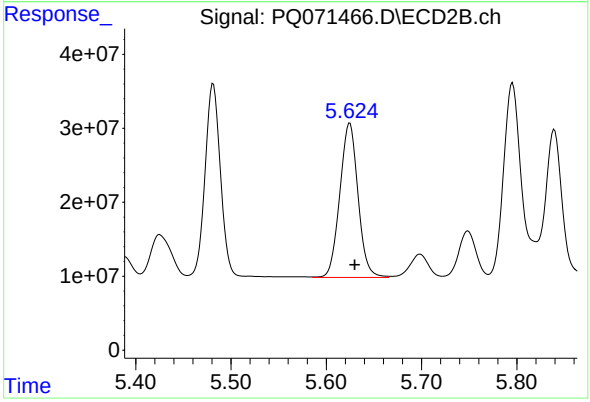
#32 AR-1260-2

R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 289178166
Conc: 476.90 ng/ml m



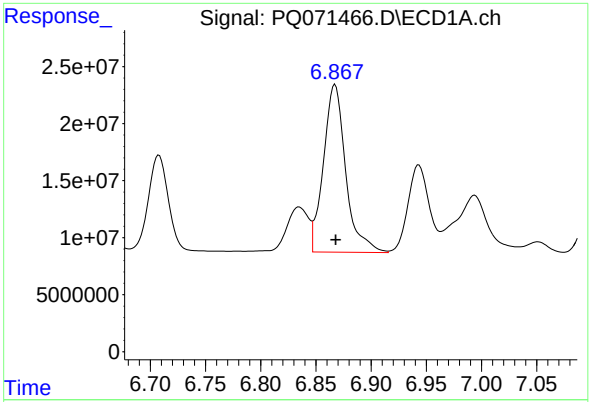
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 190433954
Conc: 497.56 ng/ml



#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 276763650
Conc: 468.15 ng/ml m



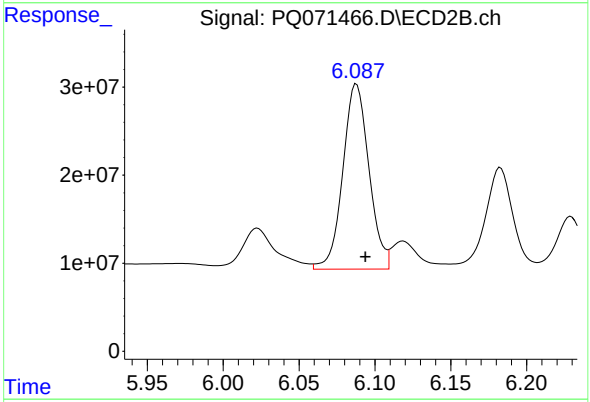
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 206451309
Conc: 493.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

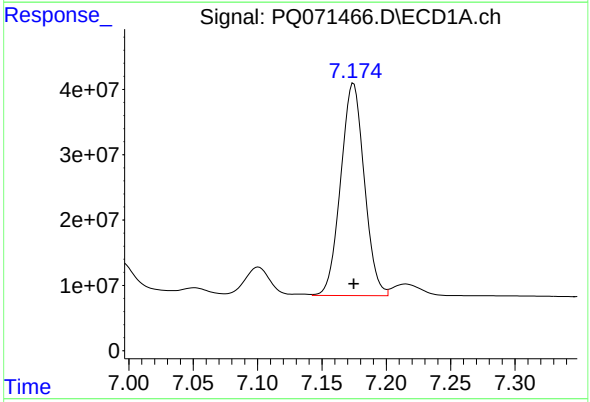
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



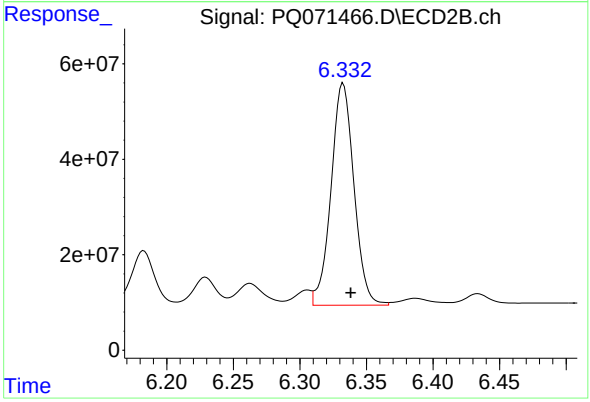
#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 252536052
Conc: 509.78 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 414667488
Conc: 498.26 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.006 min
Response: 558097334
Conc: 486.03 ng/ml

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.:** Q3693

Continuing Calib Date: 11/25/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 09:15 **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

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.:** Q3693

Continuing Calib Date: 11/25/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 09:15 **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)	3.88	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)	4.09	4.10	4.00	4.20	0.01
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)	5.62	5.63	5.53	5.73	0.01
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.33	6.34	6.24	6.44	0.01
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.65	7.66	7.56	7.76	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071499.D **Time Analyzed:** 09:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.497	4.397	4.597	500.080	500.000	0.0
Aroclor-1016-2	4.516	4.416	4.616	511.920	500.000	2.4
Aroclor-1016-3	4.573	4.474	4.674	516.030	500.000	3.2
Aroclor-1016-4	4.663	4.564	4.764	499.380	500.000	-0.1
Aroclor-1016-5	4.949	4.849	5.049	502.550	500.000	0.5
Aroclor-1260-1	6.043	5.943	6.143	472.510	500.000	-5.5
Aroclor-1260-2	6.299	6.200	6.400	496.740	500.000	-0.7
Aroclor-1260-3	6.653	6.552	6.752	491.380	500.000	-1.7
Aroclor-1260-4	6.868	6.767	6.967	495.770	500.000	-0.8
Aroclor-1260-5	7.175	7.075	7.275	499.050	500.000	-0.2
Decachlorobiphenyl	8.538	8.437	8.637	43.350	50.000	-13.3
Tetrachloro-m-xylene	3.411	3.311	3.511	46.830	50.000	-6.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071499.D **Time Analyzed:** 09:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.867	3.771	3.971	480.120	500.000	-4.0
Aroclor-1016-2	3.884	3.788	3.988	497.630	500.000	-0.5
Aroclor-1016-3	4.046	3.950	4.150	491.710	500.000	-1.7
Aroclor-1016-4	4.094	3.998	4.198	471.270	500.000	-5.7
Aroclor-1016-5	4.291	4.195	4.395	478.620	500.000	-4.3
Aroclor-1260-1	5.291	5.197	5.397	472.130	500.000	-5.6
Aroclor-1260-2	5.481	5.386	5.586	483.690	500.000	-3.3
Aroclor-1260-3	5.624	5.530	5.730	473.140	500.000	-5.4
Aroclor-1260-4	6.088	5.993	6.193	482.510	500.000	-3.5
Aroclor-1260-5	6.333	6.238	6.438	485.120	500.000	-3.0
Decachlorobiphenyl	7.652	7.559	7.759	40.100	50.000	-19.8
Tetrachloro-m-xylene	2.854	2.756	2.956	45.000	50.000	-10.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112525\
Data File : PQ071499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 09:15
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 25 12:05:41 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	2.854	407.7E6	420.1E6	46.832	44.998
2)	SA Decachlor...	8.538	7.652	271.4E6	366.4E6	43.347	40.099
	Target Compounds						
3)	L1 AR-1016-1	4.497	3.867	165.3E6	173.9E6	500.084	480.123
4)	L1 AR-1016-2	4.516	3.884	243.5E6	244.4E6	511.922	497.632
5)	L1 AR-1016-3	4.573	4.046	154.0E6	136.7E6	516.031	491.715
6)	L1 AR-1016-4	4.663	4.094	122.6E6	105.7E6	499.381	471.265
7)	L1 AR-1016-5	4.949	4.291	118.8E6	133.3E6	502.548	478.621
31)	L7 AR-1260-1	6.043	5.291	211.4E6	235.6E6	472.510	472.131
32)	L7 AR-1260-2	6.299	5.481	253.8E6	293.3E6	496.742	483.686
33)	L7 AR-1260-3	6.653	5.624	188.1E6	279.7E6	491.382	473.137
34)	L7 AR-1260-4	6.868	6.088	207.3E6	239.0E6	495.771	482.509
35)	L7 AR-1260-5	7.175	6.333	415.3E6	557.1E6	499.051	485.120

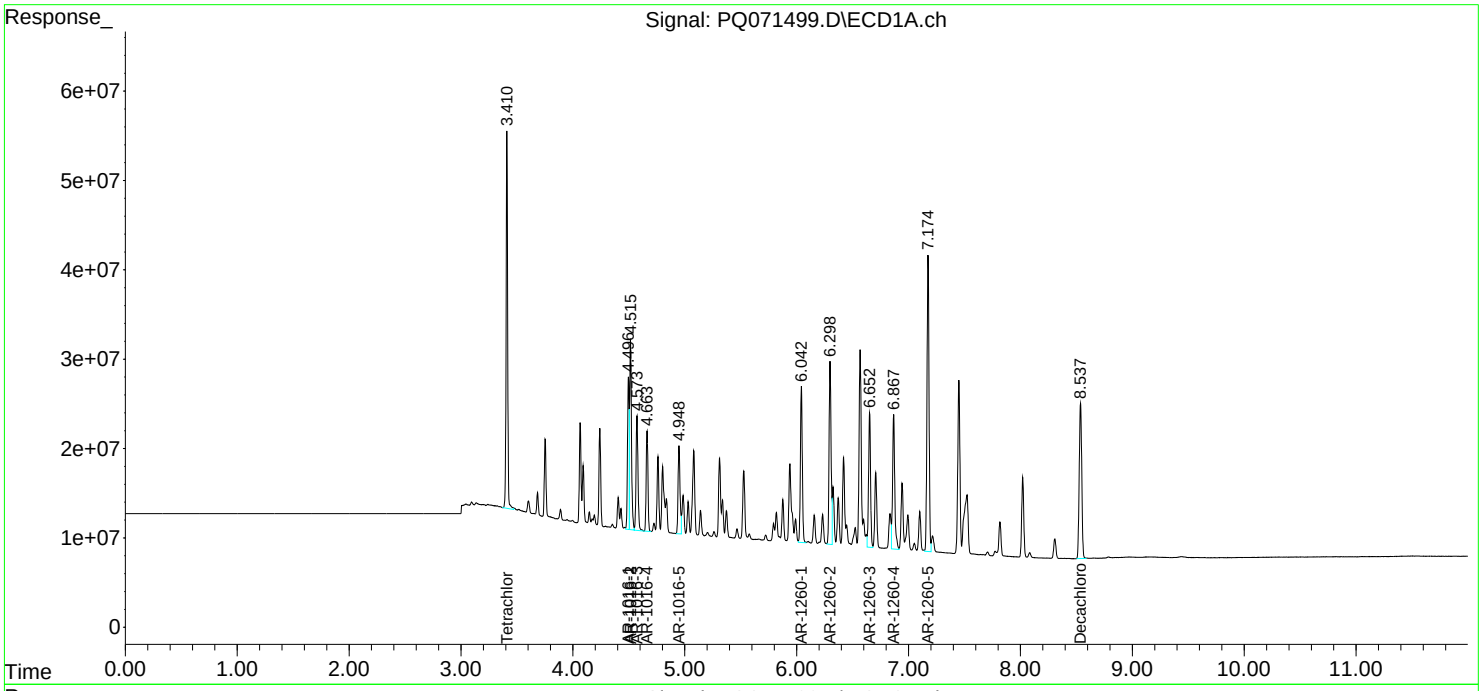
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

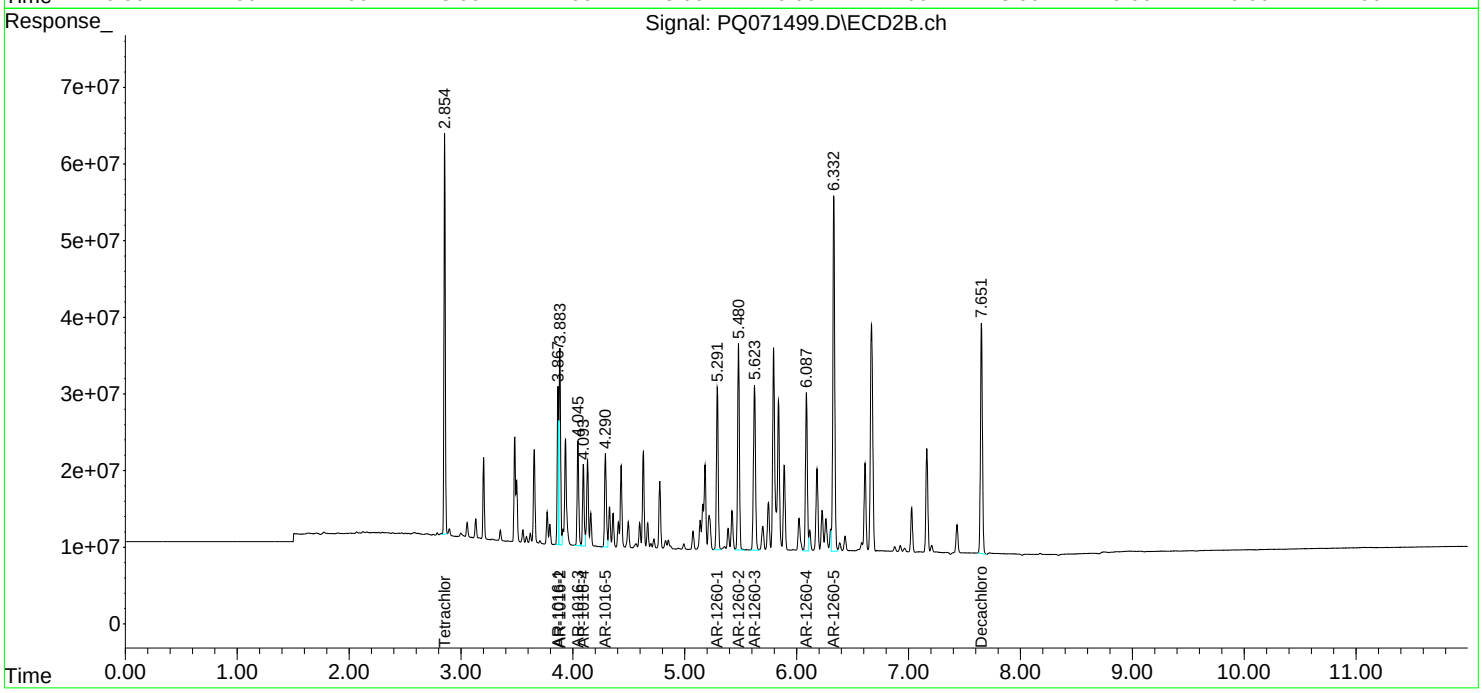
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112525\
Data File : PQ071499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 09:15
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

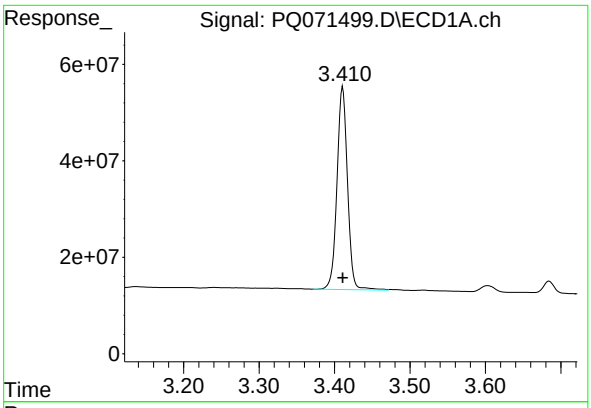
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 12:05:41 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



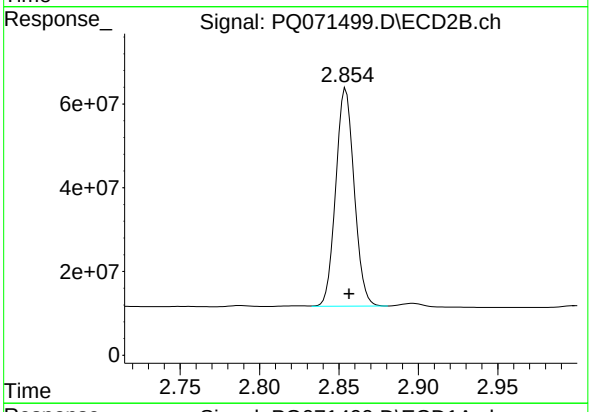




#1 Tetrachloro-m-xylene

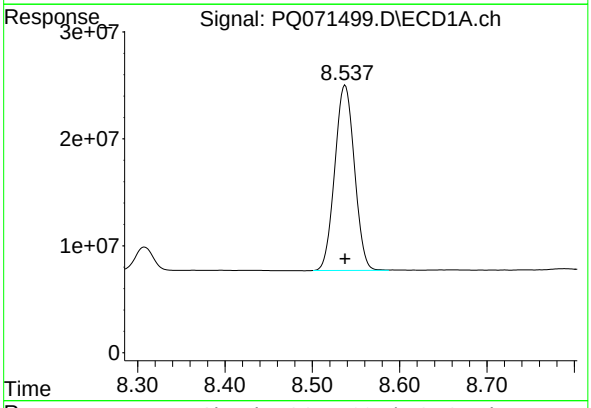
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 407683654
Conc: 46.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



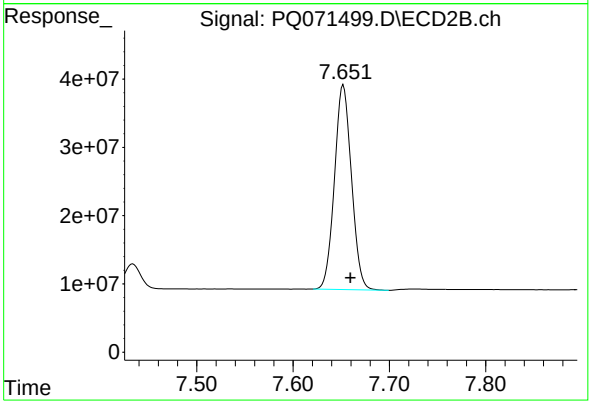
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 420129498
Conc: 45.00 ng/ml



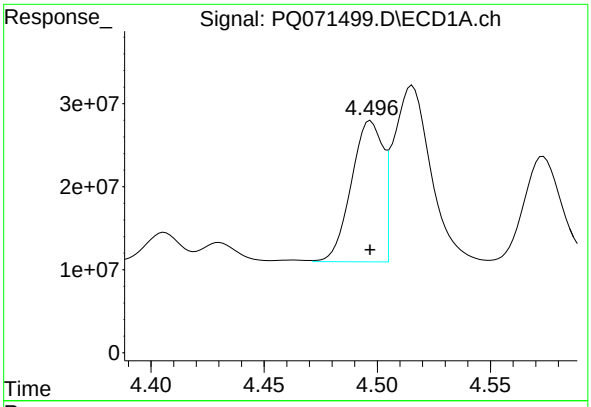
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 271422172
Conc: 43.35 ng/ml



#2 Decachlorobiphenyl

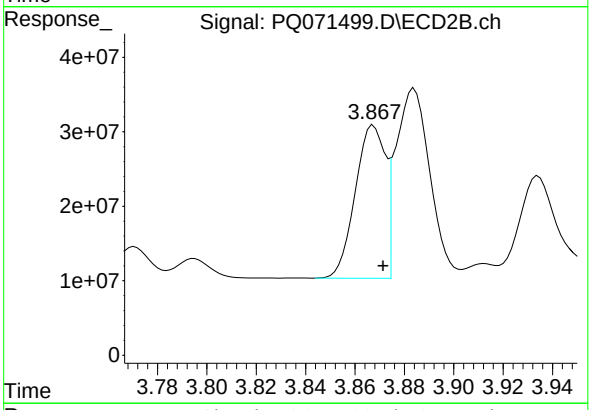
R.T.: 7.652 min
Delta R.T.: -0.007 min
Response: 366416469
Conc: 40.10 ng/ml



#3 AR-1016-1

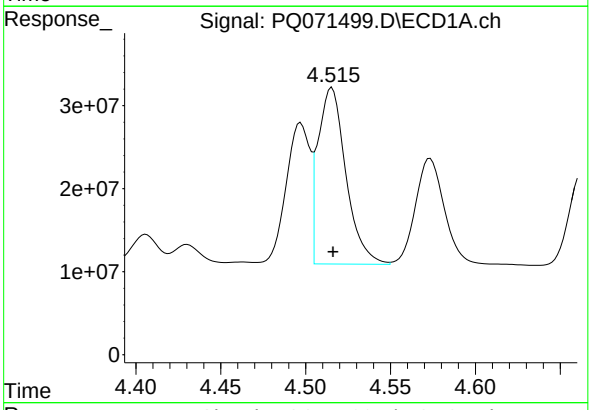
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 165302685
Conc: 500.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



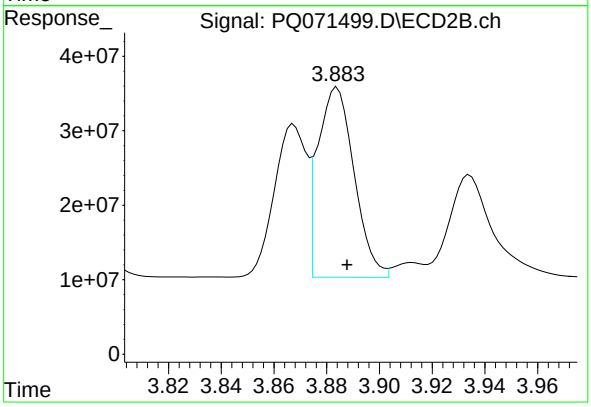
#3 AR-1016-1

R.T.: 3.867 min
Delta R.T.: -0.004 min
Response: 173863682
Conc: 480.12 ng/ml



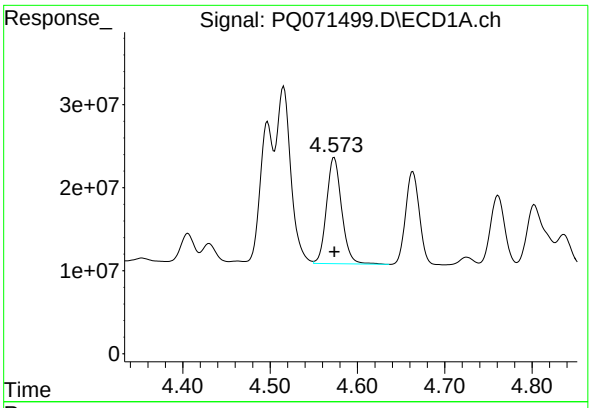
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 243480254
Conc: 511.92 ng/ml



#4 AR-1016-2

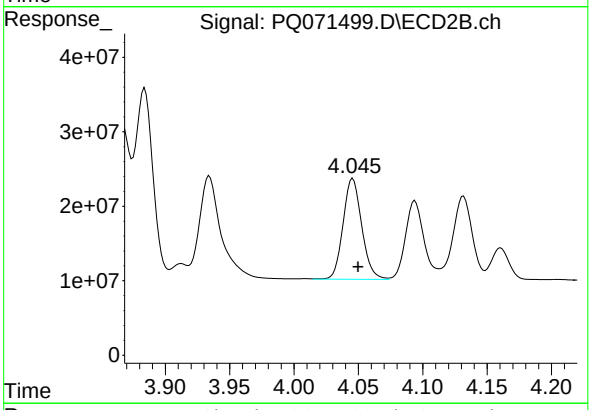
R.T.: 3.884 min
Delta R.T.: -0.004 min
Response: 244427871
Conc: 497.63 ng/ml



#5 AR-1016-3

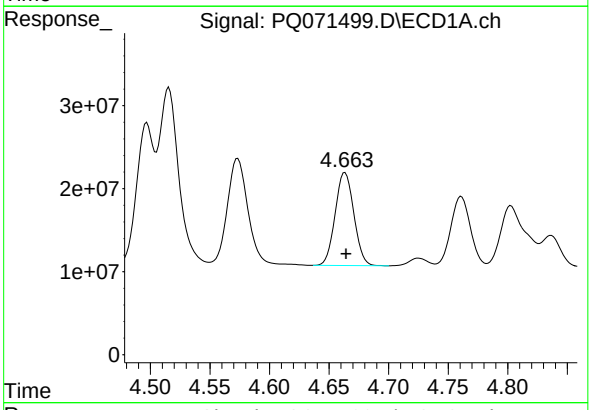
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 154013907
Conc: 516.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



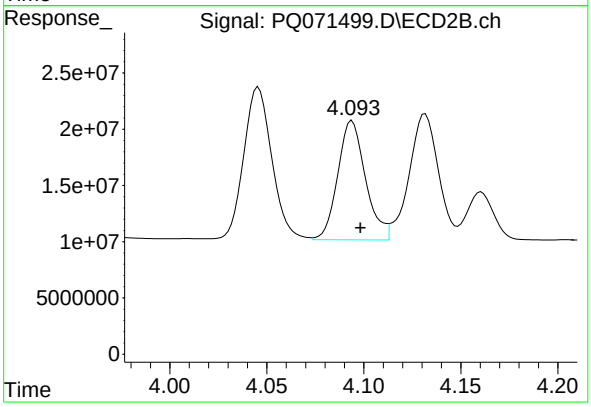
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 136692717
Conc: 491.71 ng/ml



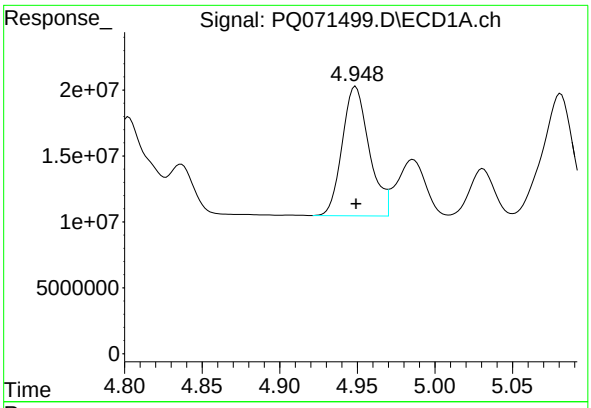
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 122621484
Conc: 499.38 ng/ml



#6 AR-1016-4

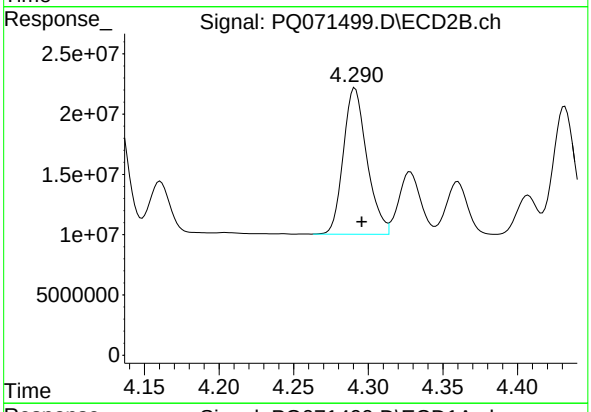
R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 105680351
Conc: 471.27 ng/ml



#7 AR-1016-5

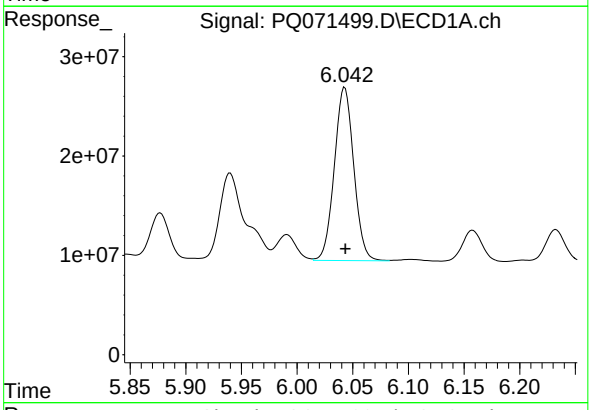
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 118809874
Conc: 502.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



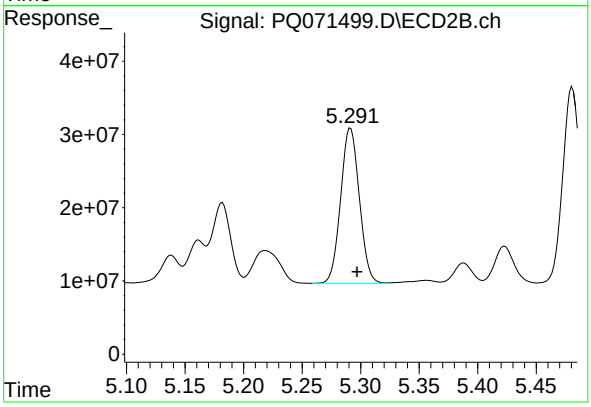
#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 133328386
Conc: 478.62 ng/ml



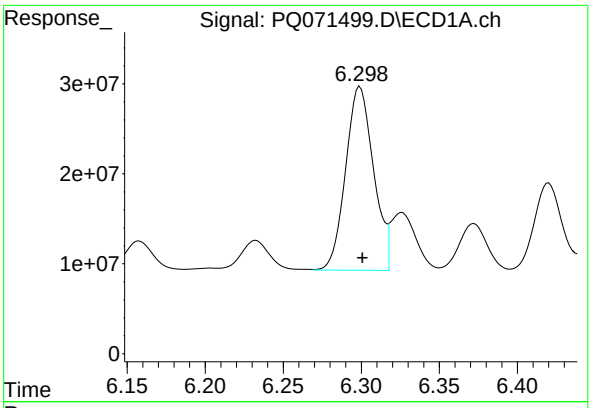
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 211446752
Conc: 472.51 ng/ml



#31 AR-1260-1

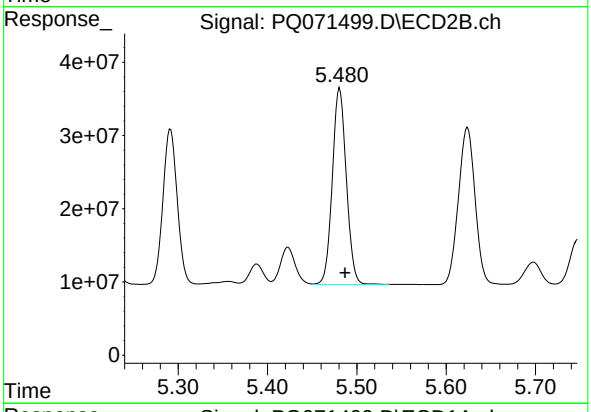
R.T.: 5.291 min
Delta R.T.: -0.006 min
Response: 235558747
Conc: 472.13 ng/ml



#32 AR-1260-2

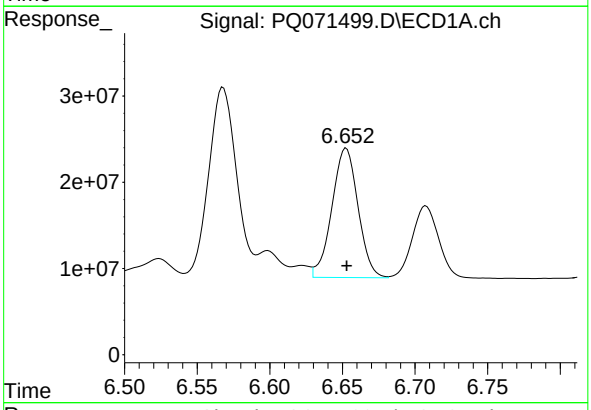
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 253792375
Conc: 496.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



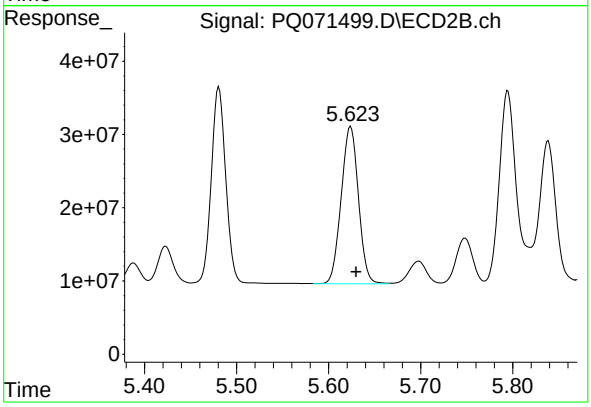
#32 AR-1260-2

R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 293295710
Conc: 483.69 ng/ml



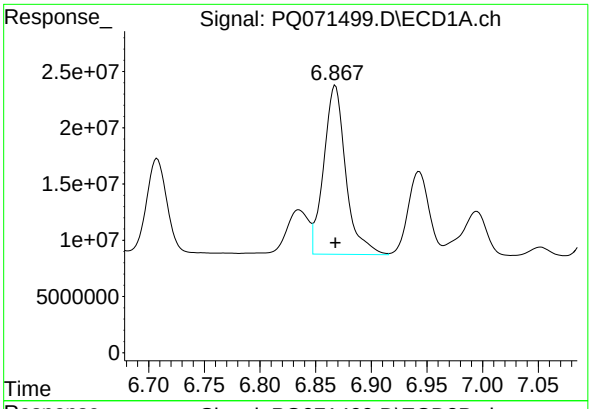
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 188068674
Conc: 491.38 ng/ml



#33 AR-1260-3

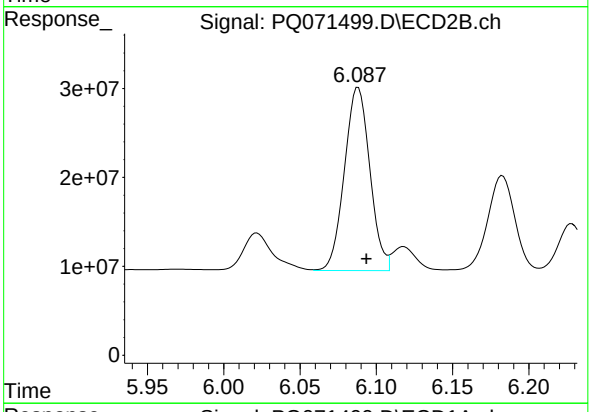
R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 279710967
Conc: 473.14 ng/ml



#34 AR-1260-4

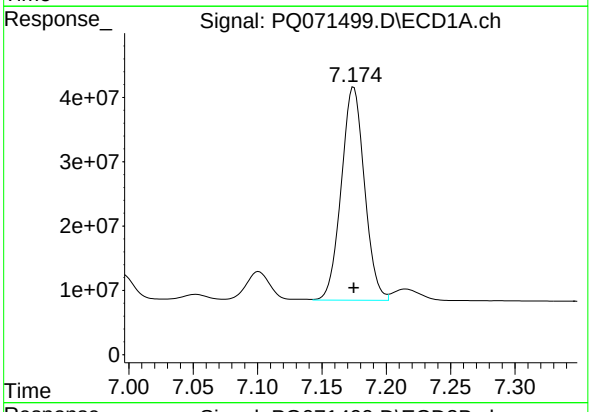
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 207304146
Conc: 495.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



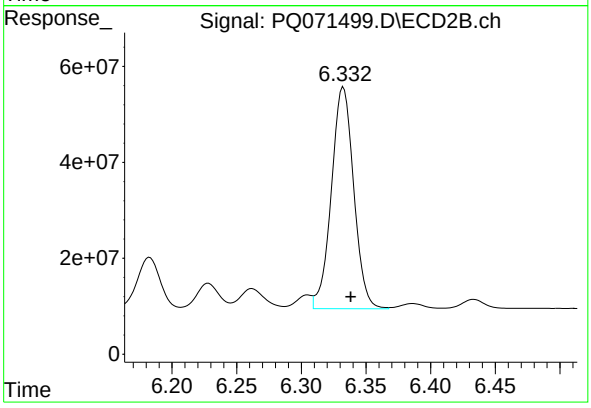
#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 239024919
Conc: 482.51 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 415329322
Conc: 499.05 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.006 min
Response: 557056666
Conc: 485.12 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.:** Q3693

Continuing Calib Date: 11/25/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 13:50 **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	0.00

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.:** Q3693

Continuing Calib Date: 11/25/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 13:50 **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)	3.88	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)	4.09	4.10	4.00	4.20	0.01
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)	5.62	5.63	5.53	5.73	0.01
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.33	6.34	6.24	6.44	0.01
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.65	7.66	7.56	7.76	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL07 **Date Analyzed:** 11/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071511.D **Time Analyzed:** 13:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	551.680	500.000	10.3
Aroclor-1016-2	4.515	4.416	4.616	558.150	500.000	11.6
Aroclor-1016-3	4.573	4.474	4.674	543.710	500.000	8.7
Aroclor-1016-4	4.663	4.564	4.764	547.330	500.000	9.5
Aroclor-1016-5	4.948	4.849	5.049	550.300	500.000	10.1
Aroclor-1260-1	6.042	5.943	6.143	517.660	500.000	3.5
Aroclor-1260-2	6.299	6.200	6.400	544.480	500.000	8.9
Aroclor-1260-3	6.652	6.552	6.752	541.520	500.000	8.3
Aroclor-1260-4	6.866	6.767	6.967	545.400	500.000	9.1
Aroclor-1260-5	7.173	7.075	7.275	549.740	500.000	9.9
Decachlorobiphenyl	8.536	8.437	8.637	47.490	50.000	-5.0
Tetrachloro-m-xylene	3.410	3.311	3.511	51.050	50.000	2.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3693

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL07 **Date Analyzed:** 11/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071511.D **Time Analyzed:** 13:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.867	3.771	3.971	545.530	500.000	9.1
Aroclor-1016-2	3.883	3.788	3.988	553.600	500.000	10.7
Aroclor-1016-3	4.045	3.950	4.150	538.380	500.000	7.7
Aroclor-1016-4	4.094	3.998	4.198	528.700	500.000	5.7
Aroclor-1016-5	4.291	4.195	4.395	536.720	500.000	7.3
Aroclor-1260-1	5.291	5.197	5.397	528.660	500.000	5.7
Aroclor-1260-2	5.480	5.386	5.586	540.430	500.000	8.1
Aroclor-1260-3	5.624	5.530	5.730	529.360	500.000	5.9
Aroclor-1260-4	6.087	5.993	6.193	533.010	500.000	6.6
Aroclor-1260-5	6.332	6.238	6.438	535.550	500.000	7.1
Decachlorobiphenyl	7.652	7.559	7.759	44.920	50.000	-10.2
Tetrachloro-m-xylene	2.854	2.756	2.956	50.910	50.000	1.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112525\
Data File : PQ071511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 13:50
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 26 05:07:57 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	444.4E6	475.3E6	51.052	50.908
2)	SA Decachlor...	8.536	7.652	297.4E6	410.5E6	47.494	44.920
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.867	182.4E6	197.6E6	551.677	545.534
4)	L1 AR-1016-2	4.515	3.883	265.5E6	271.9E6	558.151	553.603
5)	L1 AR-1016-3	4.573	4.045	162.3E6	149.7E6	543.710	538.377
6)	L1 AR-1016-4	4.663	4.094	134.4E6	118.6E6	547.332	528.703
7)	L1 AR-1016-5	4.948	4.291	130.1E6	149.5E6	550.295	536.723
31)	L7 AR-1260-1	6.042	5.291	231.7E6	263.8E6	517.661	528.663
32)	L7 AR-1260-2	6.299	5.480	278.2E6	327.7E6	544.485	540.432
33)	L7 AR-1260-3	6.652	5.624	207.3E6	312.9E6	541.520	529.359
34)	L7 AR-1260-4	6.866	6.087	228.1E6	264.0E6	545.396	533.012
35)	L7 AR-1260-5	7.173	6.332	457.5E6	615.0E6	549.742	535.545

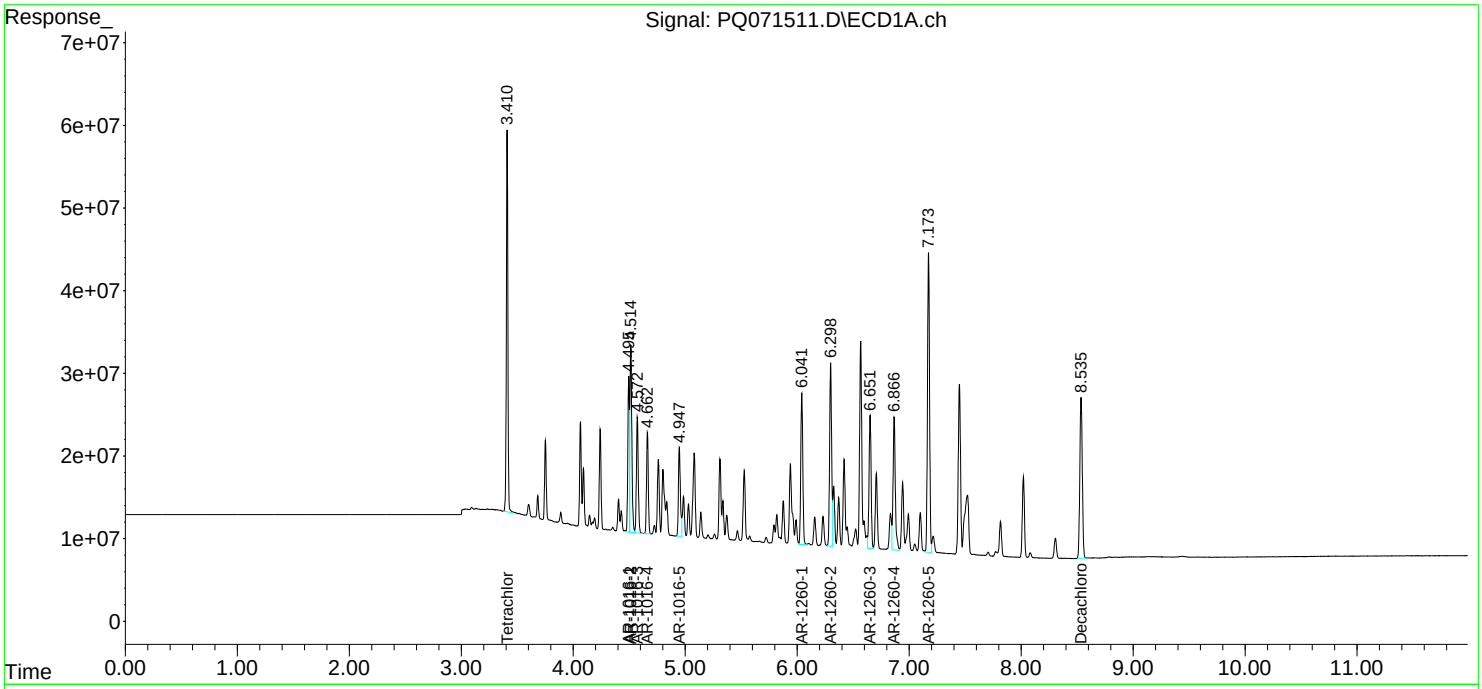
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

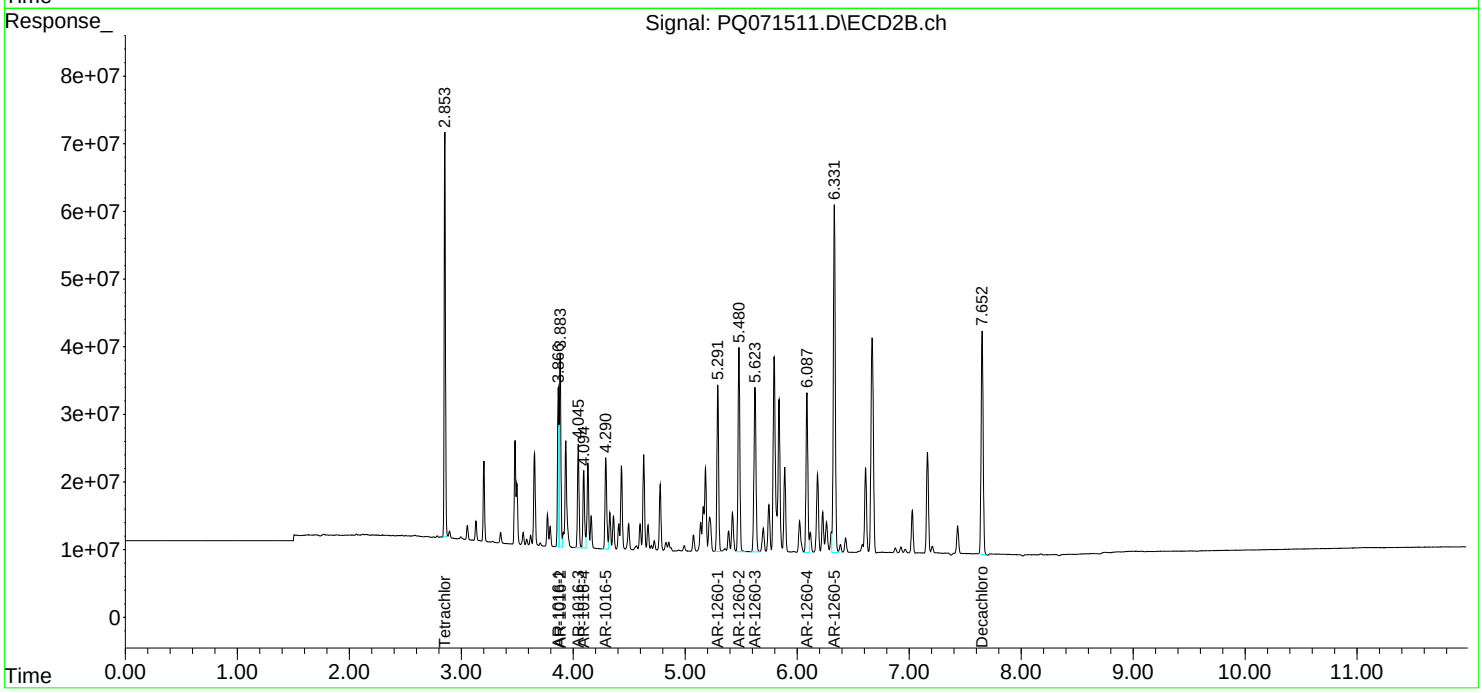
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112525\
Data File : PQ071511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 13:50
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

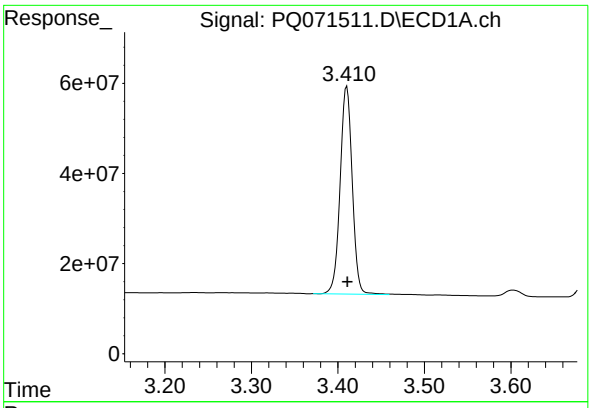
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:07:57 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



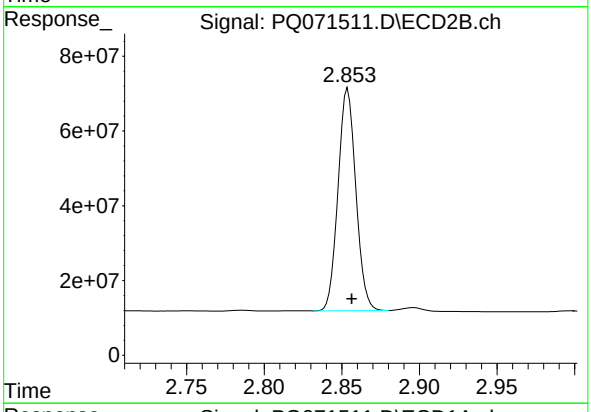




#1 Tetrachloro-m-xylene

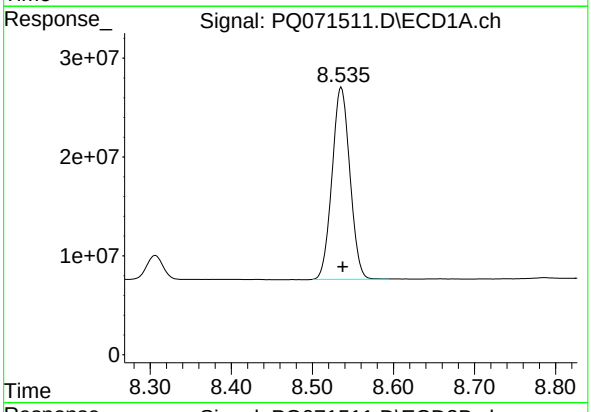
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 444414215
Conc: 51.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



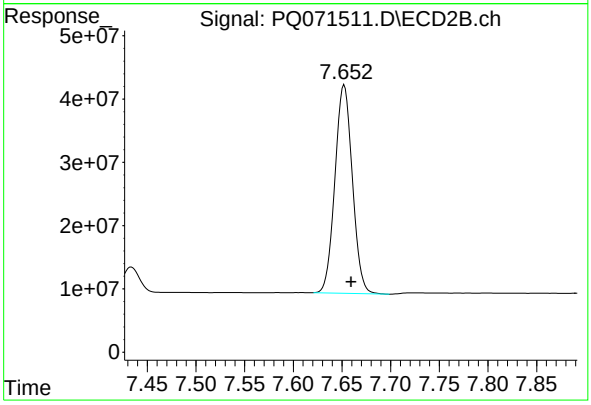
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 475307611
Conc: 50.91 ng/ml



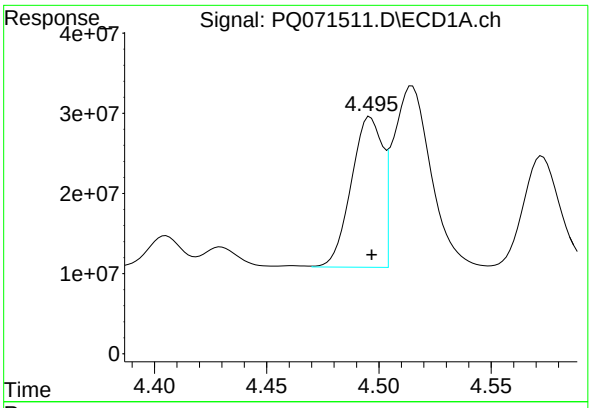
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 297385596
Conc: 47.49 ng/ml



#2 Decachlorobiphenyl

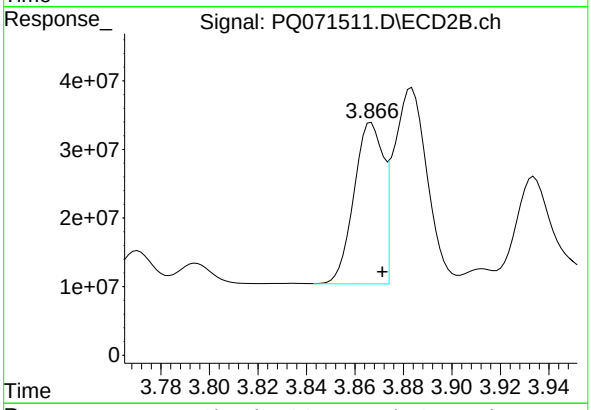
R.T.: 7.652 min
Delta R.T.: -0.007 min
Response: 410465294
Conc: 44.92 ng/ml



#3 AR-1016-1

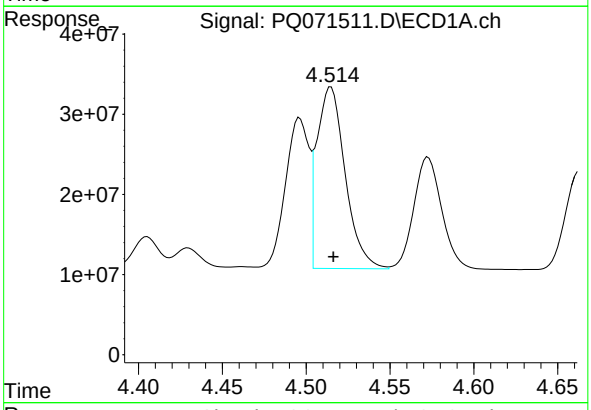
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 182356611
Conc: 551.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



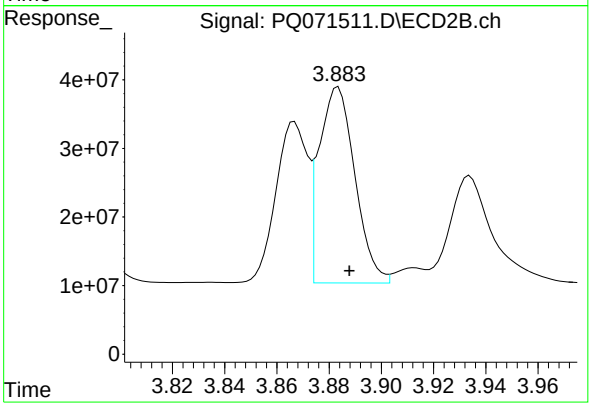
#3 AR-1016-1

R.T.: 3.867 min
Delta R.T.: -0.005 min
Response: 197550627
Conc: 545.53 ng/ml



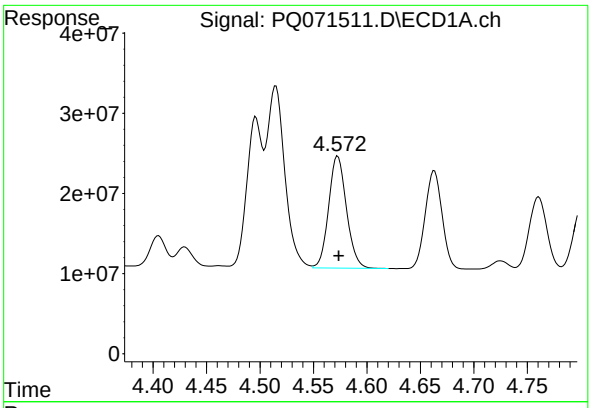
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 265467558
Conc: 558.15 ng/ml



#4 AR-1016-2

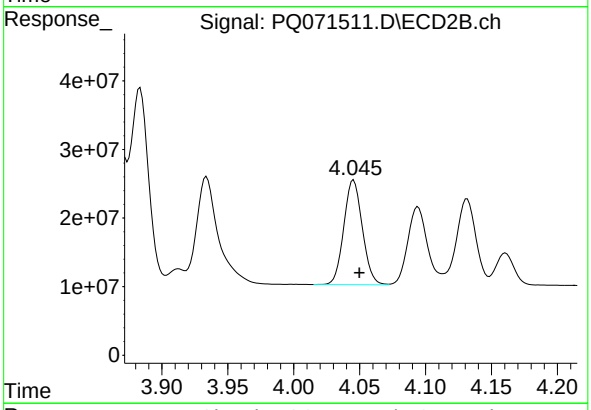
R.T.: 3.883 min
Delta R.T.: -0.004 min
Response: 271920051
Conc: 553.60 ng/ml



#5 AR-1016-3

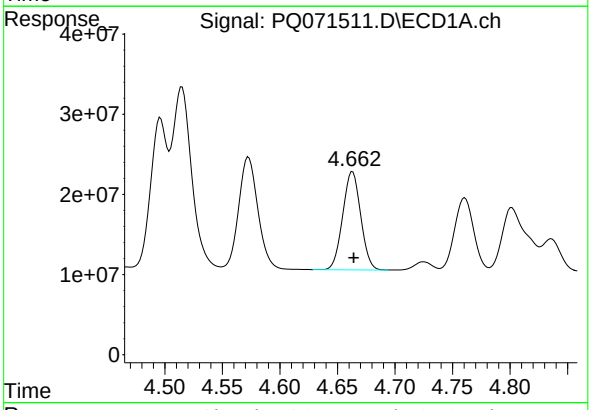
R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 162275051
Conc: 543.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



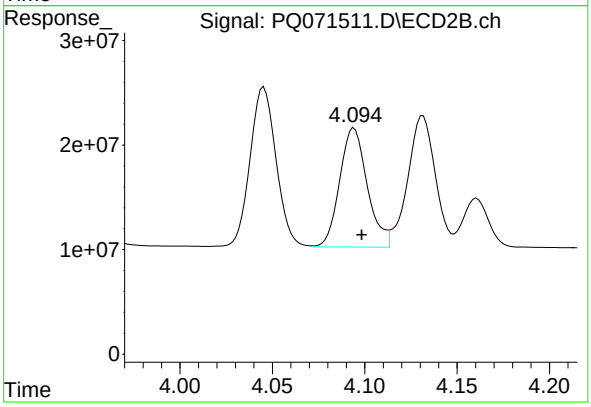
#5 AR-1016-3

R.T.: 4.045 min
Delta R.T.: -0.004 min
Response: 149664446
Conc: 538.38 ng/ml



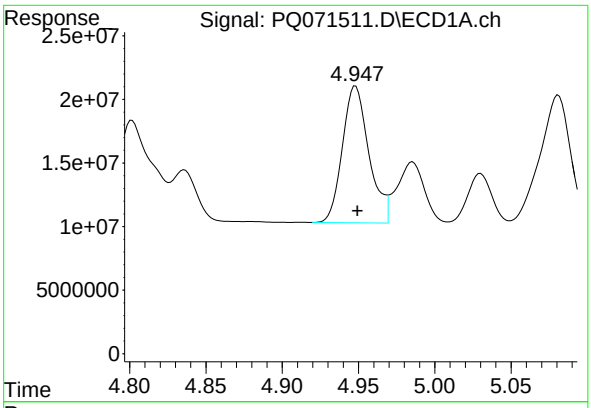
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 134395721
Conc: 547.33 ng/ml



#6 AR-1016-4

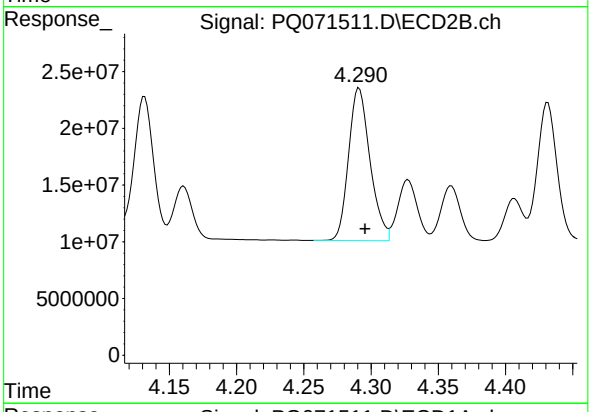
R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 118560619
Conc: 528.70 ng/ml



#7 AR-1016-5

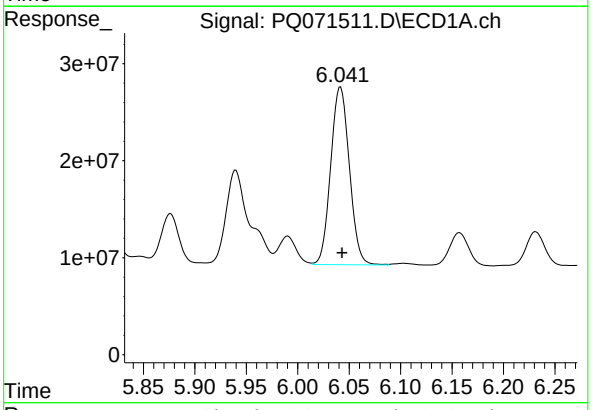
R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 130097926
Conc: 550.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



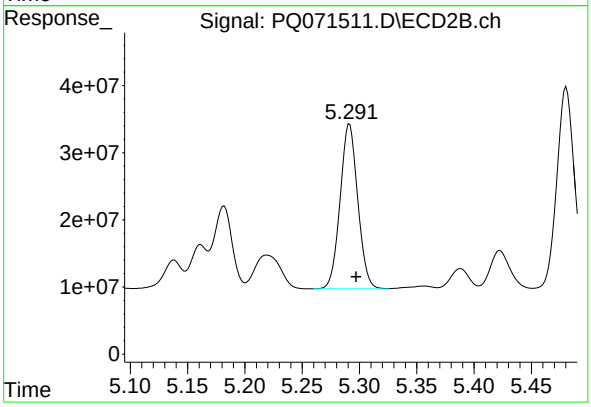
#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 149513956
Conc: 536.72 ng/ml



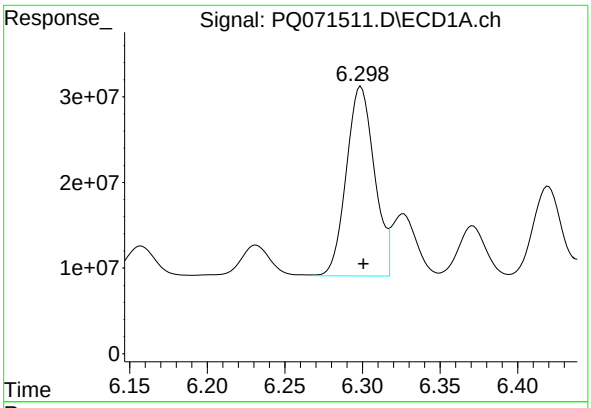
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 231651883
Conc: 517.66 ng/ml



#31 AR-1260-1

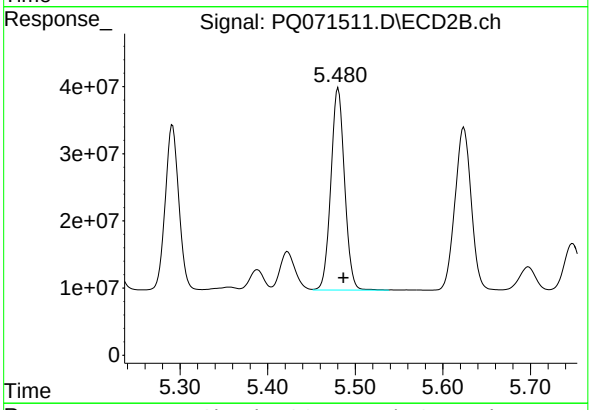
R.T.: 5.291 min
Delta R.T.: -0.006 min
Response: 263764364
Conc: 528.66 ng/ml



#32 AR-1260-2

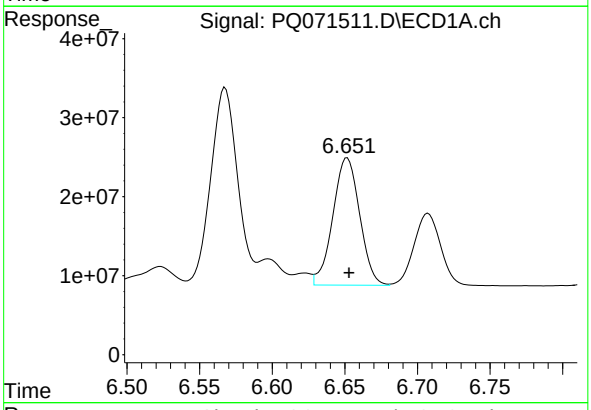
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 278184792
Conc: 544.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



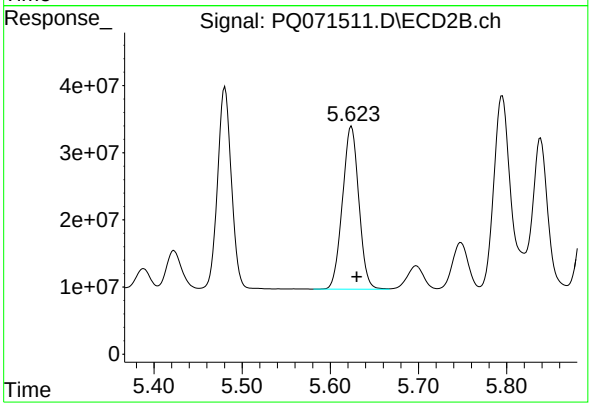
#32 AR-1260-2

R.T.: 5.480 min
Delta R.T.: -0.006 min
Response: 327704926
Conc: 540.43 ng/ml



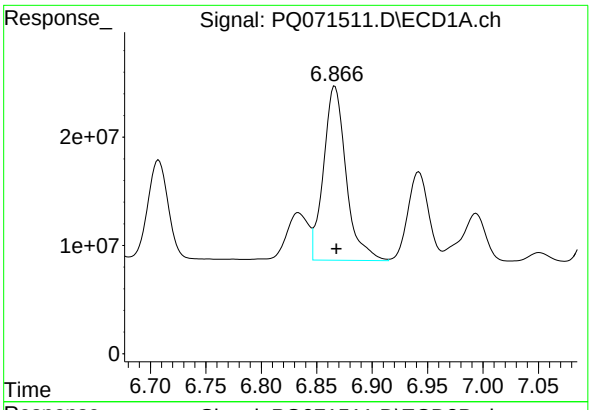
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 207257862
Conc: 541.52 ng/ml



#33 AR-1260-3

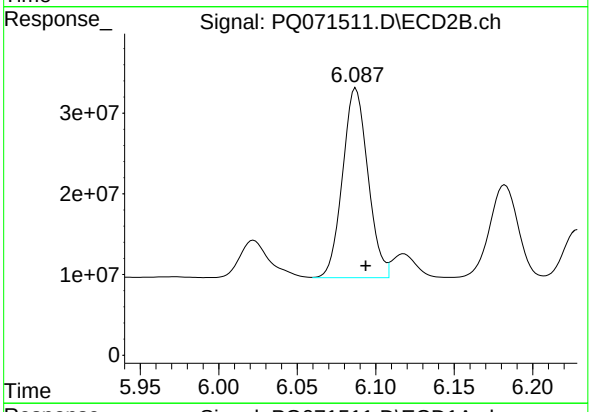
R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 312948811
Conc: 529.36 ng/ml



#34 AR-1260-4

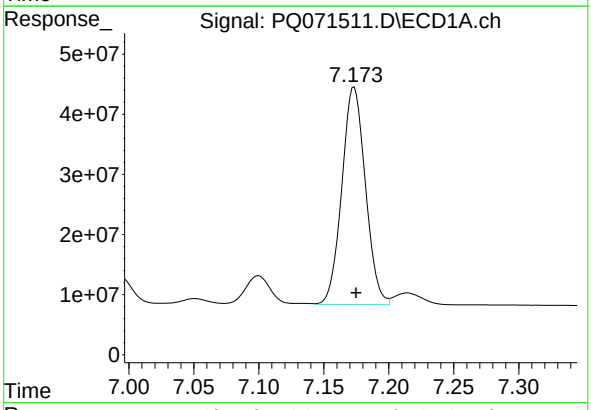
R.T.: 6.866 min
Delta R.T.: -0.001 min
Response: 228054455
Conc: 545.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



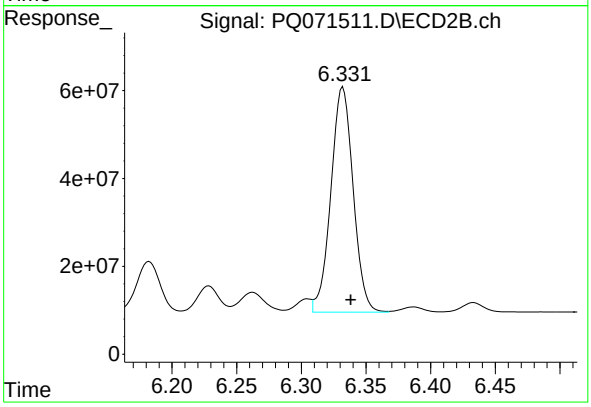
#34 AR-1260-4

R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 264042964
Conc: 533.01 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 457516000
Conc: 549.74 ng/ml



#35 AR-1260-5

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 614959092
Conc: 535.55 ng/ml

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Analytical Sequence

Client: Tetra Tech, EMI **SDG No.:** Q3693

Project: R37108 **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/04/2025 11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/04/2025	09:21	PO114870.D	9.93	4.35
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	9.93	4.35
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	9.93	4.35
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	9.93	4.35
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	9.93	4.35
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	9.93	4.35
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	9.93	4.35
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	9.93	4.35
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	9.93	4.35
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	9.93	4.35
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	9.93	4.35
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	9.93	4.35
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	9.93	4.35
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	9.93	4.35
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	9.93	4.35
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	9.93	4.35
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	9.93	4.35
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	9.93	4.35
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	9.93	4.35
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	9.93	4.35
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	9.93	4.35
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	9.93	4.35
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	9.93	4.35
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	9.95	4.37
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	9.93	4.35
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	9.93	4.35
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	9.93	4.35
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	9.93	4.35
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	9.93	4.35
AR1660CCC500	AR1660CCC500	11/21/2025	14:32	PO115324.D	9.92	4.34
I.BLK	I.BLK	11/21/2025	16:04	PO115329.D	9.92	4.34
C0AL4	Q3693-11	11/21/2025	16:59	PO115332.D	9.92	4.34
C0AL5	Q3693-12	11/21/2025	17:18	PO115333.D	9.92	4.34
C0AL6	Q3693-13	11/21/2025	17:36	PO115334.D	9.92	4.34
C0AL7	Q3693-14	11/21/2025	17:54	PO115335.D	9.92	4.34
AR1660CCC500	AR1660CCC500	11/21/2025	20:22	PO115340.D	9.92	4.34
I.BLK	I.BLK	11/21/2025	22:12	PO115344.D	9.92	4.34
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

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Analytical Sequence

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	11/21/2025	17:23	PQ071442.D	8.54	3.41
I.BLK	I.BLK	11/21/2025	18:06	PQ071443.D	8.54	3.41
C0AJ7	Q3693-01	11/21/2025	19:48	PQ071450.D	8.54	3.41
C0AJ7MS	Q3693-01MS	11/21/2025	20:03	PQ071451.D	8.54	3.41
C0AJ7MSD	Q3693-01MSD	11/21/2025	20:18	PQ071452.D	8.54	3.41
C0AK5	Q3693-02	11/21/2025	20:32	PQ071453.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/21/2025	21:31	PQ071454.D	8.54	3.41
I.BLK	I.BLK	11/21/2025	22:29	PQ071455.D	8.54	3.41
PB170682BL	PB170682BL	11/21/2025	22:44	PQ071456.D	8.54	3.41
PB170682BS	PB170682BS	11/21/2025	22:58	PQ071457.D	8.54	3.41
C0AK6	Q3693-03	11/21/2025	23:13	PQ071458.D	8.54	3.41
C0AK7	Q3693-04	11/21/2025	23:27	PQ071459.D	8.54	3.41
C0AK8	Q3693-05	11/21/2025	23:42	PQ071460.D	8.54	3.41
C0AK9	Q3693-06	11/21/2025	23:57	PQ071461.D	8.54	3.41
C0AL0	Q3693-07	11/22/2025	00:11	PQ071462.D	8.54	3.41
C0AL1	Q3693-08	11/22/2025	00:26	PQ071463.D	8.54	3.41
C0AL2	Q3693-09	11/22/2025	00:40	PQ071464.D	8.54	3.41
C0AL3	Q3693-10	11/22/2025	00:55	PQ071465.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/22/2025	01:53	PQ071466.D	8.53	3.41
I.BLK	I.BLK	11/22/2025	02:52	PQ071467.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/25/2025	09:15	PQ071499.D	8.54	3.41
I.BLK	I.BLK	11/25/2025	09:30	PQ071500.D	8.54	3.41
C0AK6DL	Q3693-03DL	11/25/2025	10:56	PQ071501.D	0.00	0.00
C0AK6DL2	Q3693-03DL2	11/25/2025	11:11	PQ071502.D	0.00	0.00
C0AK7DL	Q3693-04DL	11/25/2025	11:25	PQ071503.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/25/2025	13:50	PQ071511.D	8.54	3.41
I.BLK	I.BLK	11/25/2025	14:05	PQ071512.D	8.54	3.41

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Analytical Sequence

Client: Tetra Tech, EMI **SDG No.:** Q3693

Project: R37108 **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/04/2025 11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/04/2025	09:21	PO114870.D	8.64	3.65
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	8.64	3.65
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	8.64	3.65
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	8.64	3.65
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	8.64	3.65
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	8.64	3.65
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	8.64	3.65
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	8.64	3.65
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	8.64	3.65
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	8.64	3.65
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	8.64	3.65
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	8.64	3.65
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	8.64	3.65
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	8.64	3.65
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	8.64	3.65
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	8.64	3.65
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	8.64	3.65
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	8.64	3.65
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	8.64	3.65
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	8.64	3.65
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	8.64	3.65
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	8.64	3.65
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	8.64	3.65
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	8.64	3.65
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	8.64	3.65
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	8.64	3.65
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	8.64	3.65
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	8.64	3.65
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/21/2025	14:32	PO115324.D	8.63	3.64
I.BLK	I.BLK	11/21/2025	16:04	PO115329.D	8.63	3.64
C0AL4	Q3693-11	11/21/2025	16:59	PO115332.D	8.63	3.64
C0AL5	Q3693-12	11/21/2025	17:18	PO115333.D	8.63	3.64
C0AL6	Q3693-13	11/21/2025	17:36	PO115334.D	8.63	3.64
C0AL7	Q3693-14	11/21/2025	17:54	PO115335.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/21/2025	20:22	PO115340.D	8.63	3.64
I.BLK	I.BLK	11/21/2025	22:12	PO115344.D	8.63	3.64
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

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Analytical Sequence

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	11/21/2025	17:23	PQ071442.D	7.65	2.85
I.BLK	I.BLK	11/21/2025	18:06	PQ071443.D	7.65	2.86
C0AJ7	Q3693-01	11/21/2025	19:48	PQ071450.D	7.65	2.85
C0AJ7MS	Q3693-01MS	11/21/2025	20:03	PQ071451.D	7.65	2.85
C0AJ7MSD	Q3693-01MSD	11/21/2025	20:18	PQ071452.D	7.65	2.85
C0AK5	Q3693-02	11/21/2025	20:32	PQ071453.D	7.65	2.86
AR1660CCC500	AR1660CCC500	11/21/2025	21:31	PQ071454.D	7.65	2.86
I.BLK	I.BLK	11/21/2025	22:29	PQ071455.D	7.65	2.86
PB170682BL	PB170682BL	11/21/2025	22:44	PQ071456.D	7.65	2.85
PB170682BS	PB170682BS	11/21/2025	22:58	PQ071457.D	7.65	2.85
C0AK6	Q3693-03	11/21/2025	23:13	PQ071458.D	7.65	2.85
C0AK7	Q3693-04	11/21/2025	23:27	PQ071459.D	7.65	2.86
C0AK8	Q3693-05	11/21/2025	23:42	PQ071460.D	7.65	2.85
C0AK9	Q3693-06	11/21/2025	23:57	PQ071461.D	7.65	2.85
C0AL0	Q3693-07	11/22/2025	00:11	PQ071462.D	7.65	2.85
C0AL1	Q3693-08	11/22/2025	00:26	PQ071463.D	7.65	2.86
C0AL2	Q3693-09	11/22/2025	00:40	PQ071464.D	7.65	2.85
C0AL3	Q3693-10	11/22/2025	00:55	PQ071465.D	7.65	2.85
AR1660CCC500	AR1660CCC500	11/22/2025	01:53	PQ071466.D	7.65	2.85
I.BLK	I.BLK	11/22/2025	02:52	PQ071467.D	7.65	2.85
AR1660CCC500	AR1660CCC500	11/25/2025	09:15	PQ071499.D	7.65	2.85
I.BLK	I.BLK	11/25/2025	09:30	PQ071500.D	7.65	2.85
C0AK6DL	Q3693-03DL	11/25/2025	10:56	PQ071501.D	0.00	0.00
C0AK6DL2	Q3693-03DL2	11/25/2025	11:11	PQ071502.D	0.00	0.00
C0AK7DL	Q3693-04DL	11/25/2025	11:25	PQ071503.D	7.65	2.85
AR1660CCC500	AR1660CCC500	11/25/2025	13:50	PQ071511.D	7.65	2.85
I.BLK	I.BLK	11/25/2025	14:05	PQ071512.D	7.65	2.85

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AL4

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3693

Lab Sample ID: Q3693-11 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 PO115332.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	37.0		
	2	7.317	7.267	7.367	61.5		
	3	7.675	7.625	7.725	61.1		
COLUMN 1	4	7.896	7.846	7.946	61.5		
	5	8.202	8.152	8.252	56.9	55.6	
	1	6.197	6.147	6.247	39.4		
	2	6.384	6.334	6.434	54.3		
	3	6.538	6.488	6.588	38.4		
	4	7.008	6.958	7.058	46.1		
COLUMN 2	5	7.249	7.199	7.299	53.2	46.3	18.25

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AL5

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3693

Lab Sample ID: Q3693-12 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 PO115333.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	11.5		
	2	7.317	7.267	7.367	19.1		
	3	7.674	7.624	7.724	21.0		
COLUMN 1	4	7.894	7.844	7.944	23.8		
	5	8.202	8.152	8.252	20.5	19.2	
	1	6.197	6.147	6.247	12.9		
	2	6.384	6.334	6.434	19.1		
	3	6.537	6.487	6.587	13.1		
	4	7.008	6.958	7.058	16.0		
COLUMN 2	5	7.248	7.198	7.298	19.5	16.1	17.56

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AL6

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3693

Lab Sample ID: Q3693-13 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 PO115334.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	7.063	7.013	7.113	20.1		
	2	7.317	7.267	7.367	29.5		
	3	7.674	7.624	7.724	25.6		
COLUMN 1	4	7.893	7.843	7.943	36.0		
	5	8.202	8.152	8.252	23.1	26.9	
	1	6.197	6.147	6.247	22.0		
	2	6.385	6.335	6.435	28.1		
	3	6.537	6.487	6.587	19.7		
	4	7.007	6.957	7.057	20.1		
COLUMN 2	5	7.249	7.199	7.299	22.9	22.6	17.37

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AL7

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3693
Lab Sample ID: Q3693-14
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 PO115335.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.323	6.273	6.373	16.1		
	2	6.538	6.488	6.588	12.7		
	3	6.897	6.847	6.947	19.8		
COLUMN 1	4	7.18	7.13	7.23	22.3		
	5	7.595	7.545	7.645	36.0	21.4	
	1	5.518	5.468	5.568	14.4		
	2	5.665	5.615	5.715	18.0		
	3	6.066	6.016	6.116	19.3		
	4	6.294	6.244	6.344	21.1		
COLUMN 2	5	6.71	6.66	6.76	25.7	19.7	8.27

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ7

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3693

Lab Sample ID: Q3693-01 Date(s) Analyzed: 11/21/2025 11/21/2025

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 PQ071450.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	117		
	2	6.299	6.249	6.349	133		
	3	6.652	6.602	6.702	122		
COLUMN 1	4	6.867	6.817	6.917	116		
	5	7.174	7.124	7.224	109	120	
	1	5.293	5.243	5.343	122		
	2	5.482	5.432	5.532	129		
	3	5.625	5.575	5.675	116		
	4	6.089	6.039	6.139	109		
COLUMN 2	5	6.334	6.284	6.384	106	116	3.39

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AJ7MS

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3693
Lab Sample ID: Q3693-01MS
Date(s) Analyzed: 11/21/2025 11/21/2025
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: PQ071451.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.496	4.446	4.546	183		
	2	4.515	4.465	4.565	186		
	3	4.573	4.523	4.623	181		
COLUMN 1	4	4.663	4.613	4.713	174		
	5	4.948	4.898	4.998	181	181	
	1	3.868	3.818	3.918	185		
	2	3.884	3.834	3.934	189		
	3	4.046	3.996	4.096	184		
	4	4.095	4.045	4.145	182		
COLUMN 2	5	4.292	4.242	4.342	177	183	1.1
Aroclor-1260	1	6.042	5.992	6.092	204		
	2	6.299	6.249	6.349	221		
	3	6.652	6.602	6.702	185		
COLUMN 1	4	6.867	6.817	6.917	189		
	5	7.174	7.124	7.224	185	197	
	1	5.293	5.243	5.343	209		
	2	5.482	5.432	5.532	218		
	3	5.625	5.575	5.675	205		
	4	6.089	6.039	6.139	180		
COLUMN 2	5	6.333	6.283	6.383	179	198	0.51

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ7MSD

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3693

Lab Sample ID: Q3693-01MSD Date(s) Analyzed: 11/21/2025 11/21/2025

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 PQ071452.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.496	4.446	4.546	188		
	2	4.515	4.465	4.565	192		
	3	4.573	4.523	4.623	186		
COLUMN 1	4	4.662	4.612	4.712	181		
	5	4.948	4.898	4.998	187	187	
	1	3.868	3.818	3.918	191		
	2	3.884	3.834	3.934	196		
	3	4.046	3.996	4.096	191		
	4	4.095	4.045	4.145	196		
COLUMN 2	5	4.292	4.242	4.342	187	192	2.64
Aroclor-1260	1	6.042	5.992	6.092	229		
	2	6.299	6.249	6.349	246		
	3	6.651	6.601	6.701	201		
COLUMN 1	4	6.866	6.816	6.916	205		
	5	7.173	7.123	7.223	199	216	
	1	5.293	5.243	5.343	239		
	2	5.482	5.432	5.532	243		
	3	5.625	5.575	5.675	231		
	4	6.088	6.038	6.138	198		
COLUMN 2	5	6.333	6.283	6.383	194	221	2.29

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AK5

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3693
Lab Sample ID: Q3693-02
Date(s) Analyzed: 11/21/2025 11/21/2025
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: PQ071453.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	267		
	2	6.299	6.249	6.349	312		
	3	6.651	6.601	6.701	299		
COLUMN 1	4	6.867	6.817	6.917	287		
	5	7.174	7.124	7.224	286	290	
	1	5.292	5.242	5.342	279		
	2	5.482	5.432	5.532	307		
	3	5.625	5.575	5.675	269		
	4	6.088	6.038	6.138	278		
COLUMN 2	5	6.333	6.283	6.383	292	285	1.74

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170682BS

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3693

Lab Sample ID: PB170682BS Date(s) Analyzed: 11/21/2025 11/21/2025

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 PQ071457.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.496	4.446	4.546	164		
	2	4.515	4.465	4.565	165		
	3	4.573	4.523	4.623	163		
COLUMN 1	4	4.663	4.613	4.713	165		
	5	4.949	4.899	4.999	159	163	
	1	3.868	3.818	3.918	159		
	2	3.884	3.834	3.934	165		
	3	4.046	3.996	4.096	159		
	4	4.095	4.045	4.145	153		
COLUMN 2	5	4.292	4.242	4.342	155	158	3.12
Aroclor-1260	1	6.042	5.992	6.092	158		
	2	6.299	6.249	6.349	166		
	3	6.652	6.602	6.702	139		
COLUMN 1	4	6.867	6.817	6.917	147		
	5	7.174	7.124	7.224	145	151	
	1	5.292	5.242	5.342	167		
	2	5.482	5.432	5.532	167		
	3	5.625	5.575	5.675	170		
	4	6.089	6.039	6.139	144		
COLUMN 2	5	6.333	6.283	6.383	142	158	4.53

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AK6

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3693

Lab Sample ID: Q3693-03 Date(s) Analyzed: 11/21/2025 11/21/2025

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 PQ071458.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.035	5.985	6.085	33300		
	2	6.287	6.237	6.337	57300		
	3	6.641	6.591	6.691	51500		
COLUMN 1	4	6.854	6.804	6.904	50600		
	5	7.191	7.141	7.241	24500	43000	
	1	5.281	5.231	5.331	36500		
	2	5.469	5.419	5.519	34100		
	3	5.611	5.561	5.661	36700		
	4	6.076	6.026	6.126	49500		
COLUMN 2	5	6.317	6.267	6.367	25900	37000	15

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AK7

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3693

Lab Sample ID: Q3693-04 Date(s) Analyzed: 11/21/2025 11/21/2025

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 PQ071459.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	740		
	2	6.299	6.249	6.349	813		
	3	6.651	6.601	6.701	829		
COLUMN 1	4	6.867	6.817	6.917	817		
	5	7.174	7.124	7.224	832	806	
	1	5.292	5.242	5.342	778		
	2	5.482	5.432	5.532	821		
	3	5.625	5.575	5.675	759		
	4	6.089	6.039	6.139	821		
COLUMN 2	5	6.333	6.283	6.383	849	806	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AK8

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3693
Lab Sample ID: Q3693-05
Date(s) Analyzed: 11/21/2025 11/21/2025
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 PQ071460.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	58.4		
	2	6.299	6.249	6.349	71.5		
	3	6.651	6.601	6.701	77.5		
COLUMN 1	4	6.866	6.816	6.916	61.9		
	5	7.173	7.123	7.223	60.8	66.0	
	1	5.292	5.242	5.342	59.7		
	2	5.482	5.432	5.532	68.1		
	3	5.625	5.575	5.675	58.4		
	4	6.088	6.038	6.138	58.4		
COLUMN 2	5	6.333	6.283	6.383	64.0	61.7	6.73

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AK9

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3693
Lab Sample ID: Q3693-06
Date(s) Analyzed: 11/21/2025 11/21/2025
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 PQ071461.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.496	4.446	4.546	84.9		
	2	4.76	4.71	4.81	201		
	3	4.949	4.899	4.999	187		
COLUMN 1	4	5.311	5.261	5.361	299		
	5	5.337	5.287	5.387	123	179	
	1	3.868	3.818	3.918	96.5		
	2	4.095	4.045	4.145	199		
	3	4.132	4.082	4.182	187		
	4	4.291	4.241	4.341	184		
COLUMN 2	5	4.669	4.619	4.719	128	159	11.83
Aroclor-1254	1	5.311	5.261	5.361	227		
	2	5.527	5.477	5.577	235		
	3	5.877	5.827	5.927	188		
COLUMN 1	4	6.158	6.108	6.208	203		
	5	6.569	6.519	6.619	484	267	
	1	4.631	4.581	4.681	192		
	2	4.778	4.728	4.828	198		
	3	5.162	5.112	5.212	171		
	4	5.389	5.339	5.439	192		
COLUMN 2	5	5.796	5.746	5.846	404	231	14.46

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	282		
	2	6.3	6.25	6.35	304		
	3	6.652	6.602	6.702	240		
COLUMN 1	4	6.867	6.817	6.917	247		
	5	7.174	7.124	7.224	231	261	
	1	5.293	5.243	5.343	318		
	2	5.482	5.432	5.532	305		
	3	5.624	5.574	5.674	281		
	4	6.089	6.039	6.139	228		
COLUMN 2	5	6.333	6.283	6.383	227	272	4.13

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AL0

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3693
Lab Sample ID: Q3693-07
Date(s) Analyzed: 11/22/2025 11/22/2025
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 PQ071462.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.496	4.446	4.546	241		
	2	4.76	4.71	4.81	256		
	3	4.948	4.898	4.998	258		
COLUMN 1	4	5.311	5.261	5.361	283		
	5	5.337	5.287	5.387	137	235	
	1	3.868	3.818	3.918	242		
	2	4.094	4.044	4.144	256		
	3	4.131	4.081	4.181	270		
	4	4.292	4.242	4.342	257		
COLUMN 2	5	4.669	4.619	4.719	148	235	0
Aroclor-1254	1	5.311	5.261	5.361	214		
	2	5.526	5.476	5.576	173		
	3	5.877	5.827	5.927	143		
COLUMN 1	4	6.158	6.108	6.208	143		
	5	6.568	6.518	6.618	306	196	
	1	4.63	4.58	4.68	183		
	2	4.778	4.728	4.828	144		
	3	5.162	5.112	5.212	133		
	4	5.389	5.339	5.439	136		
COLUMN 2	5	5.796	5.746	5.846	260	171	13.62

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	182		
	2	6.299	6.249	6.349	194		
	3	6.651	6.601	6.701	154		
COLUMN 1	4	6.867	6.817	6.917	160		
	5	7.174	7.124	7.224	154	169	
	1	5.293	5.243	5.343	210		
	2	5.482	5.432	5.532	194		
	3	5.624	5.574	5.674	183		
	4	6.088	6.038	6.138	148		
COLUMN 2	5	6.333	6.283	6.383	152	177	4.62

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AL1

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3693

Lab Sample ID: Q3693-08 | Date(s) Analyzed: 11/22/2025 11/22/2025

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 PQ071463.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.497	4.447	4.547	229		
	2	4.76	4.71	4.81	298		
	3	4.948	4.898	4.998	284		
COLUMN 1	4	5.312	5.262	5.362	371		
	5	5.337	5.287	5.387	151	267	
	1	3.868	3.818	3.918	230		
	2	4.094	4.044	4.144	295		
	3	4.132	4.082	4.182	275		
	4	4.292	4.242	4.342	281		
COLUMN 2	5	4.669	4.619	4.719	151	246	8.19
Aroclor-1254	1	5.312	5.262	5.362	281		
	2	5.526	5.476	5.576	267		
	3	5.876	5.826	5.926	213		
COLUMN 1	4	6.158	6.108	6.208	210		
	5	6.568	6.518	6.618	440	282	
	1	4.631	4.581	4.681	237		
	2	4.778	4.728	4.828	217		
	3	5.163	5.113	5.213	255		
	4	5.389	5.339	5.439	196		
COLUMN 2	5	5.796	5.746	5.846	374	256	9.67

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	261		
	2	6.299	6.249	6.349	276		
	3	6.652	6.602	6.702	216		
COLUMN 1	4	6.867	6.817	6.917	230		
	5	7.173	7.123	7.223	232	243	
	1	5.292	5.242	5.342	302		
	2	5.482	5.432	5.532	276		
	3	5.624	5.574	5.674	265		
	4	6.089	6.039	6.139	215		
COLUMN 2	5	6.333	6.283	6.383	230	258	5.99

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AL2

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3693
Lab Sample ID: Q3693-09 | Date(s) Analyzed: 11/22/2025 11/22/2025
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: PQ071464.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.497	4.447	4.547	22.7		
	2	4.76	4.71	4.81	66.0		
	3	4.949	4.899	4.999	52.1		
COLUMN 1	4	5.311	5.261	5.361	107		
	5	5.337	5.287	5.387	39.9	57.5	
	1	3.868	3.818	3.918	29.3		
	2	4.094	4.044	4.144	67.1		
	3	4.132	4.082	4.182	61.7		
	4	4.292	4.242	4.342	53.3		
COLUMN 2	5	4.67	4.62	4.72	61.3	54.5	5.36
Aroclor-1254	1	5.311	5.261	5.361	80.9		
	2	5.526	5.476	5.576	74.3		
	3	5.876	5.826	5.926	55.3		
COLUMN 1	4	6.158	6.108	6.208	46.4		
	5	6.568	6.518	6.618	154	82.1	
	1	4.631	4.581	4.681	63.5		
	2	4.778	4.728	4.828	62.1		
	3	5.162	5.112	5.212	46.9		
	4	5.389	5.339	5.439	51.7		
COLUMN 2	5	5.796	5.746	5.846	126	70.1	15.77

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	100		
	2	6.299	6.249	6.349	107		
	3	6.652	6.602	6.702	91.9		
COLUMN 1	4	6.867	6.817	6.917	93.7		
	5	7.174	7.124	7.224	91.2	96.7	
	1	5.293	5.243	5.343	105		
	2	5.482	5.432	5.532	107		
	3	5.625	5.575	5.675	98.8		
	4	6.089	6.039	6.139	86.7		
COLUMN 2	5	6.333	6.283	6.383	87.6	97.0	0.31

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AL3

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3693

Lab Sample ID: Q3693-10 Date(s) Analyzed: 11/22/2025 11/22/2025

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 PQ071465.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	38.2		
	2	6.3	6.25	6.35	48.7		
	3	6.652	6.602	6.702	45.2		
COLUMN 1	4	6.867	6.817	6.917	42.8		
	5	7.174	7.124	7.224	45.0	44.0	
	1	5.293	5.243	5.343	39.1		
	2	5.482	5.432	5.532	47.6		
	3	5.625	5.575	5.675	46.6		
	4	6.089	6.039	6.139	41.4		
COLUMN 2	5	6.333	6.283	6.383	43.7	43.7	0.68

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AK6DL

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3693

Lab Sample ID: Q3693-03DL Date(s) Analyzed: 11/25/2025 11/25/2025

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 PQ071501.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.046	5.996	6.096	114000		
	2	6.303	6.253	6.353	123000		
	3	6.656	6.606	6.706	115000		
COLUMN 1	4	6.871	6.821	6.921	117000		
	5	7.178	7.128	7.228	130000	120000	
	1	5.292	5.242	5.342	119000		
	2	5.482	5.432	5.532	123000		
	3	5.625	5.575	5.675	119000		
	4	6.087	6.037	6.137	117000		
COLUMN 2	5	6.333	6.283	6.383	127000	120000	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AK6DL2

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3693
Lab Sample ID: Q3693-03DL2
Date(s) Analyzed: 11/25/2025 11/25/2025
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 PQ071502.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.043	5.993	6.093	164000		
	2	6.301	6.251	6.351	173000		
	3	6.653	6.603	6.703	162000		
COLUMN 1	4	6.868	6.818	6.918	162000		
	5	7.176	7.126	7.226	167000	170000	
	1	5.292	5.242	5.342	164000		
	2	5.482	5.432	5.532	168000		
	3	5.625	5.575	5.675	162000		
	4	6.088	6.038	6.138	159000		
COLUMN 2	5	6.333	6.283	6.383	169000	160000	6.06

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
C0AK7DL

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3693
Lab Sample ID: Q3693-04DL
Date(s) Analyzed: 11/25/2025 11/25/2025
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 PQ071503.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.043	5.993	6.093	753		
	2	6.3	6.25	6.35	827		
	3	6.652	6.602	6.702	843		
COLUMN 1	4	6.867	6.817	6.917	813		
	5	7.174	7.124	7.224	779	803	
	1	5.291	5.241	5.341	761		
	2	5.481	5.431	5.531	801		
	3	5.624	5.574	5.674	740		
	4	6.087	6.037	6.137	787		
COLUMN 2	5	6.332	6.282	6.382	783	775	3.55

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R37108	Date Received:	
Client Sample ID:	PB170682BL	SDG No.:	Q3693
Lab Sample ID:	PB170682BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	17.0	U	1	3.90	17.0	ug/kg	11/21/25 22:44	PB170682
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	11/21/25 22:44	PB170682
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	11/21/25 22:44	PB170682
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	11/21/25 22:44	PB170682
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	11/21/25 22:44	PB170682
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	11/21/25 22:44	PB170682
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	11/21/25 22:44	PB170682
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	11/21/25 22:44	PB170682
11096-82-5	Aroclor-1260	17.0	U	1	3.20	17.0	ug/kg	11/21/25 22:44	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.8			21 - 165	114%	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\PQ112125\
Data File : PQ071456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:44
Operator : YP\AJ
Sample : PB170682BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170682BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:57:47 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	197.9E6	212.5E6	22.729	22.760
2)	SA Decachlor...	8.535	7.653	139.2E6	189.2E6	22.236	20.702
	Target Compounds						

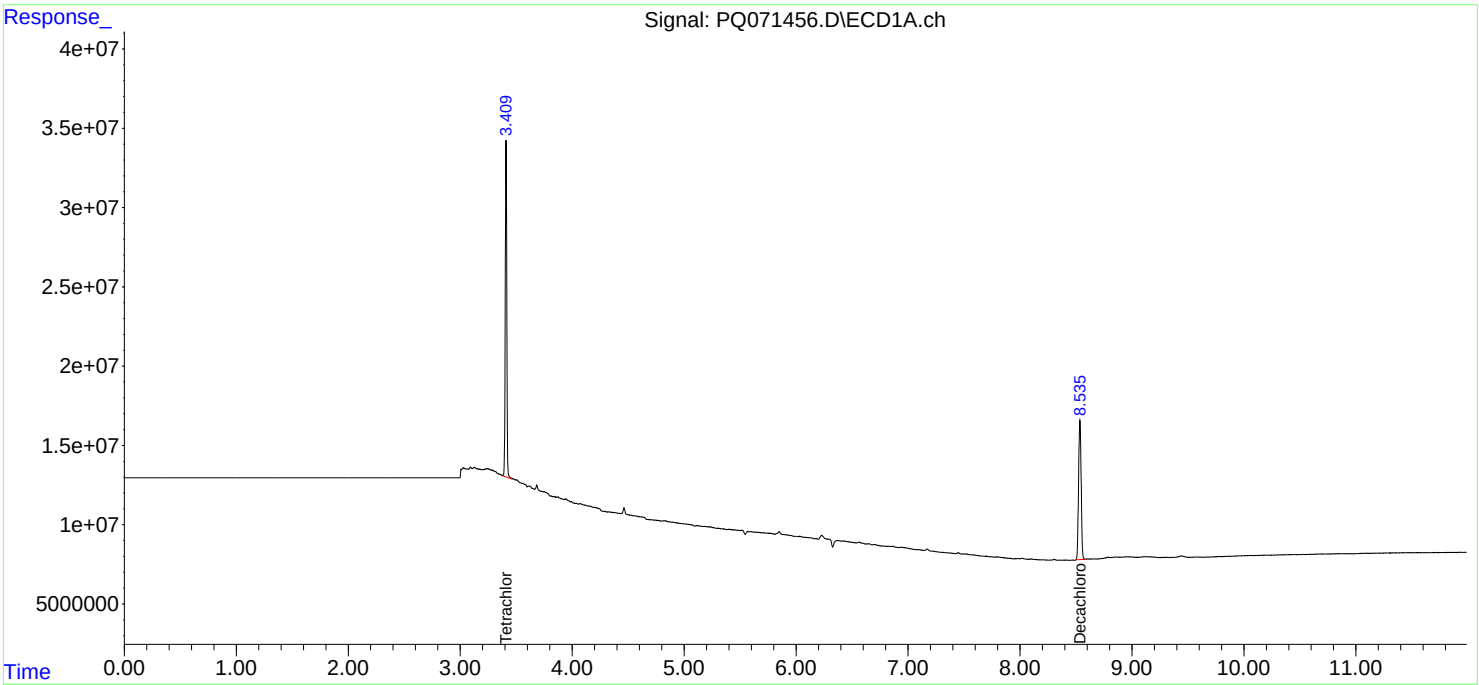
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

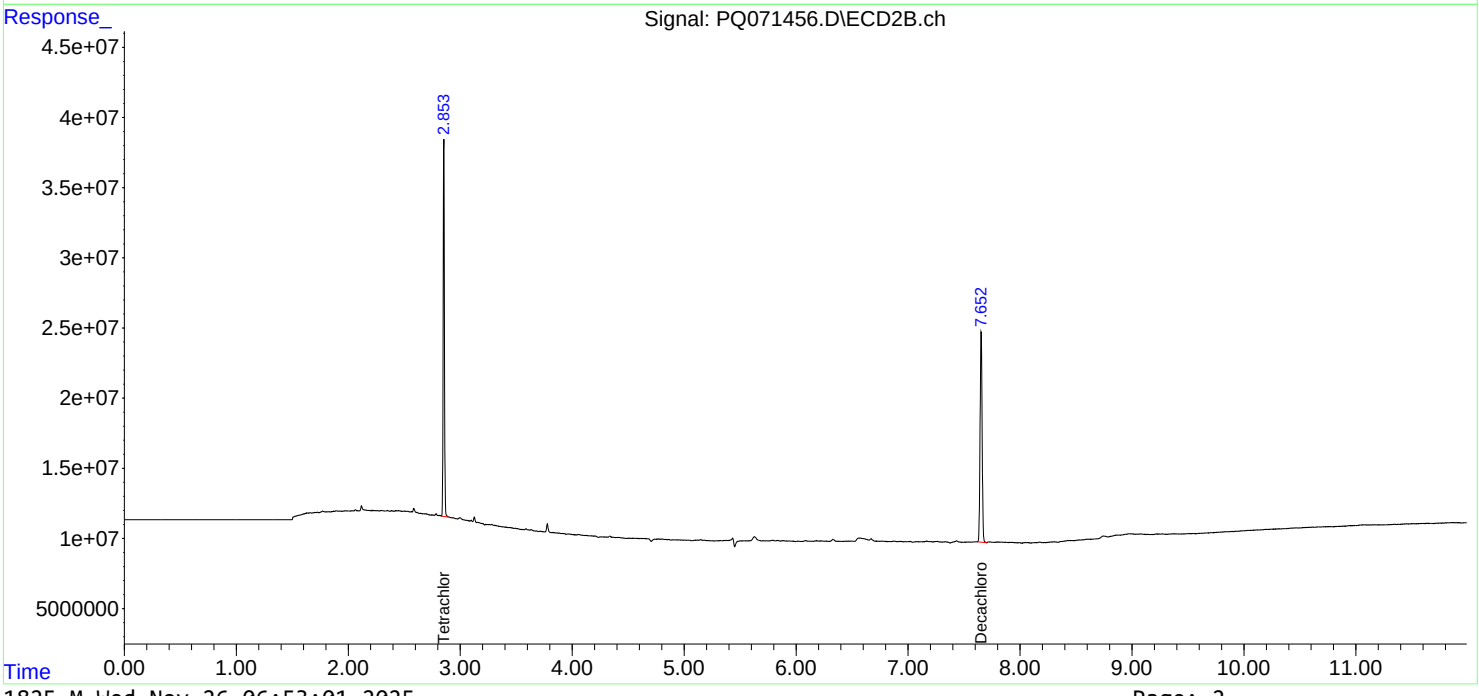
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:44
Operator : YP\AJ
Sample : PB170682BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

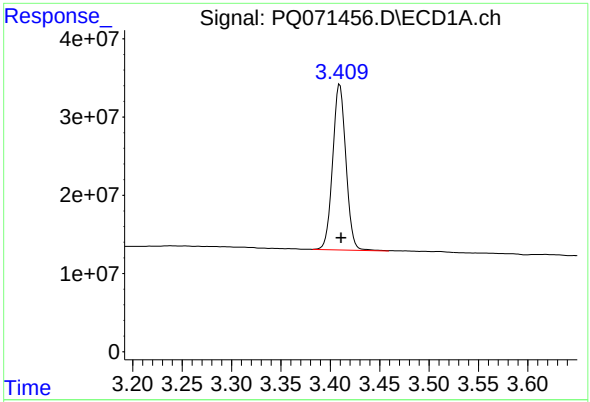
Instrument :
ECD_Q
ClientSampleId :
PB170682BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:57:47 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



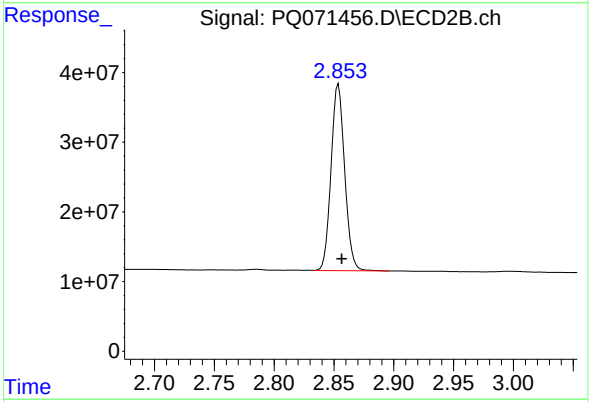




#1 Tetrachloro-m-xylene

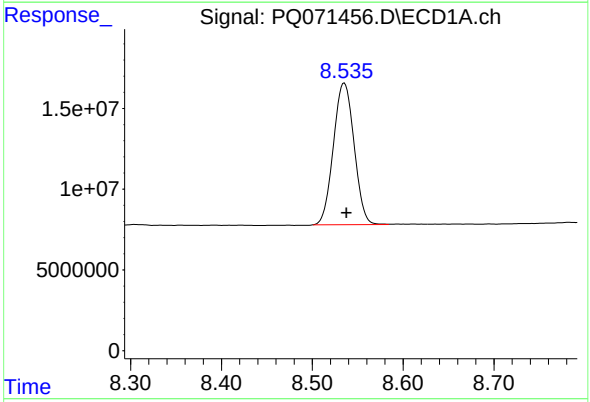
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 197860974
Conc: 22.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170682BL



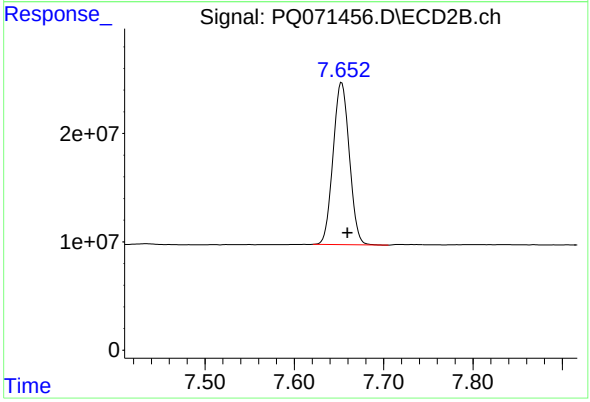
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 212498885
Conc: 22.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 139233893
Conc: 22.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 189167665
Conc: 20.70 ng/ml

Alliance TECHNICAL GROUP
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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.:	Q3693
Lab Sample ID:	I.BLK-PO114870.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/04/25	po110425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/04/25	po110425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/04/25	po110425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/04/25	po110425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/04/25	po110425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/04/25	po110425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/04/25	po110425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/04/25	po110425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/04/25	po110425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.5			60 - 140	77%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.8			60 - 140	84%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114870.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:21
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 02:16:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 02:14:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.348	3.649	108.8E6	72481407	15.462	16.227
2)	SA Decachlor...	9.930	8.641	74180497	67480996	16.782	17.286
	Target Compounds						

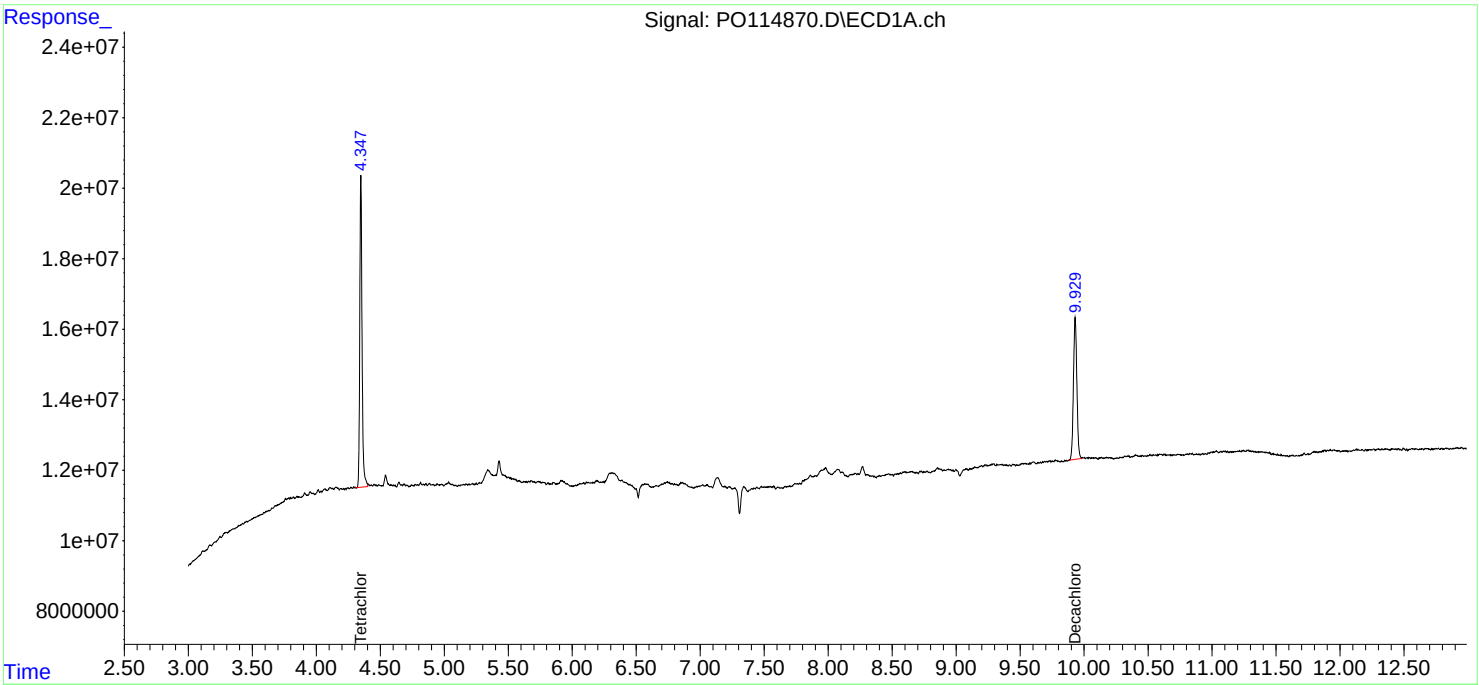
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

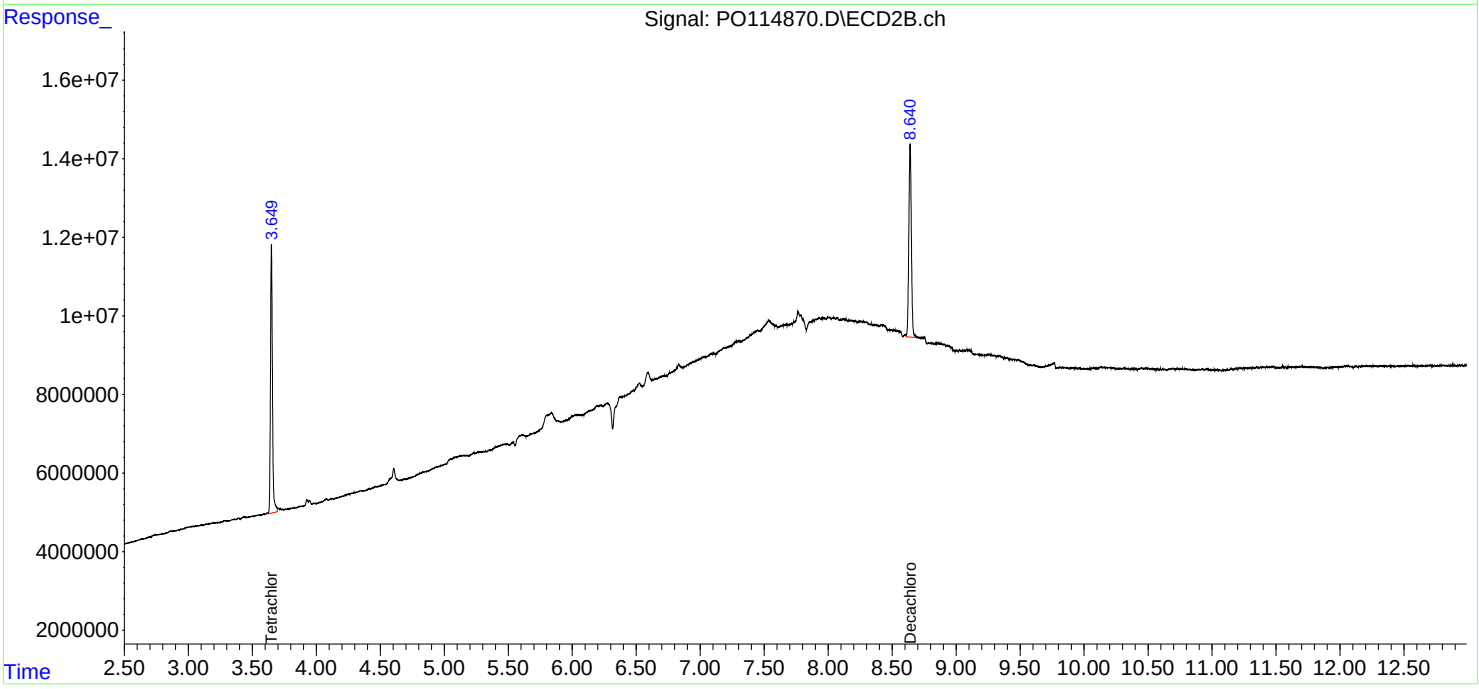
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110425\
Data File : PO114870.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:21
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

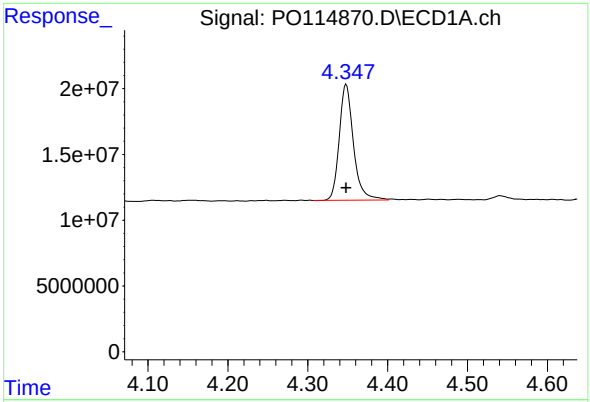
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 02:16:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 02:14:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



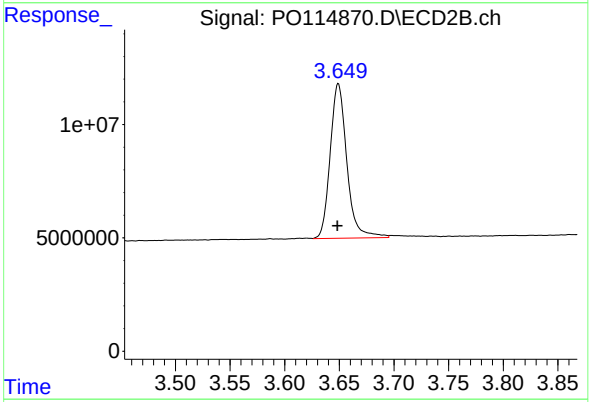




#1 Tetrachloro-m-xylene

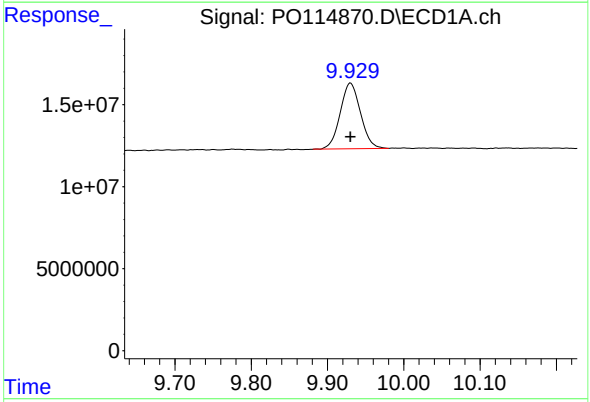
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 108823881
Conc: 15.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



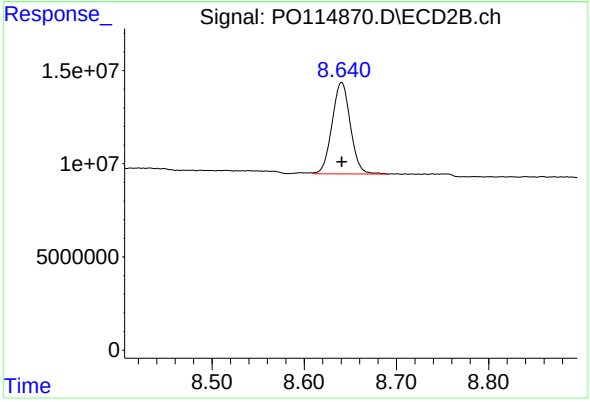
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 72481407
Conc: 16.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.930 min
Delta R.T.: 0.000 min
Response: 74180497
Conc: 16.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 67480996
Conc: 17.29 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PO115329.D	SDG No.:	Q3693
Lab Sample ID:	I.BLK-PO115329.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/21/25	PO112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PO112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PO112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PO112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PO112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PO112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PO112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PO112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PO112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.7			60 - 140	124%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.0			60 - 140	125%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:04
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:18:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.341	3.644	174.1E6	110.3E6	24.735	24.701
2)	SA Decachlor...	9.919	8.629	112.5E6	97470056	25.450	24.968
	Target Compounds						

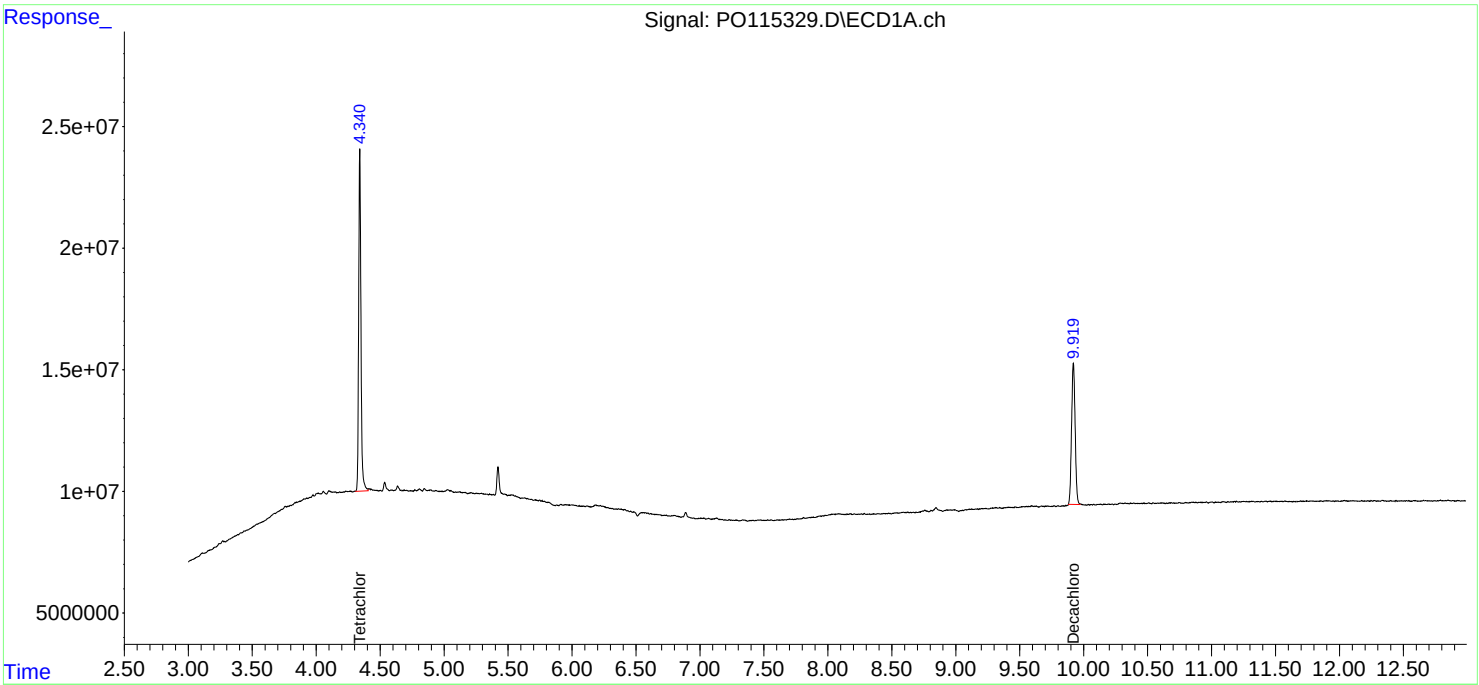
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

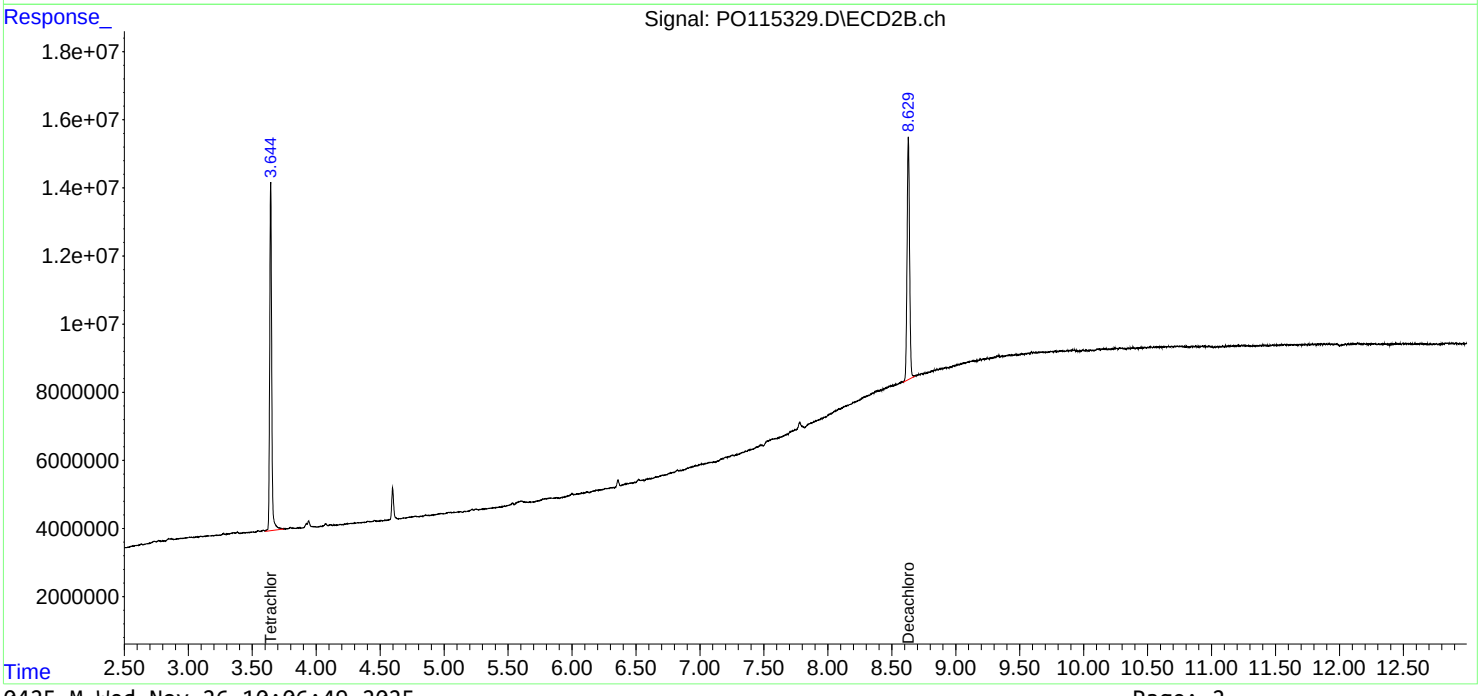
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:04
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

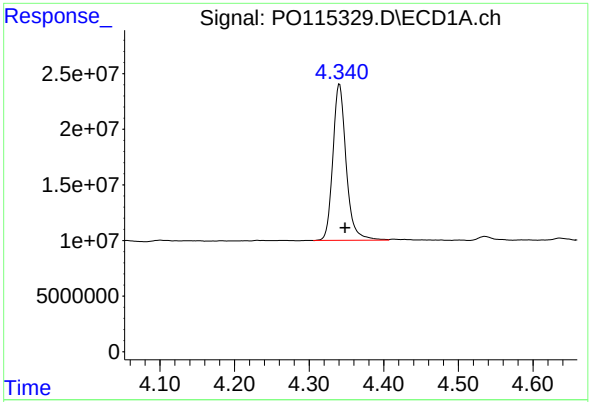
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:18:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



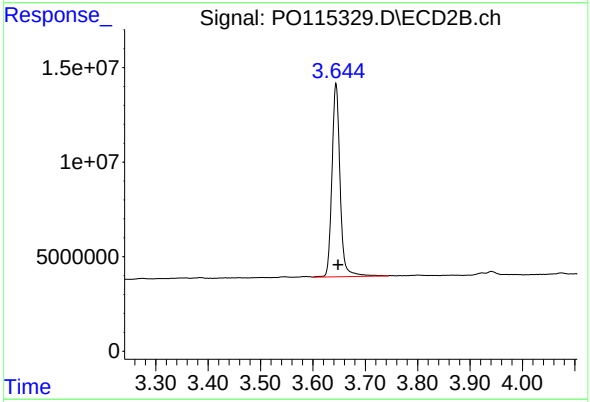




#1 Tetrachloro-m-xylene

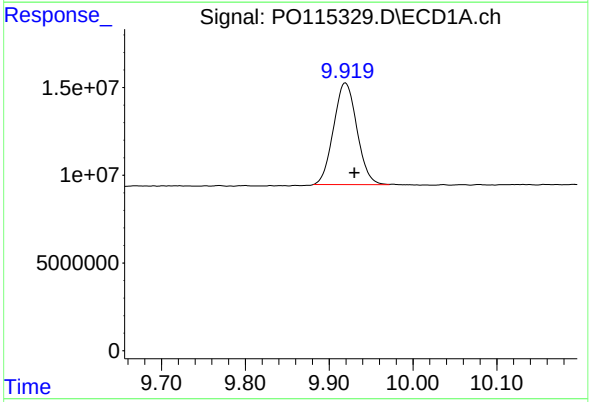
R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 174091340
Conc: 24.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



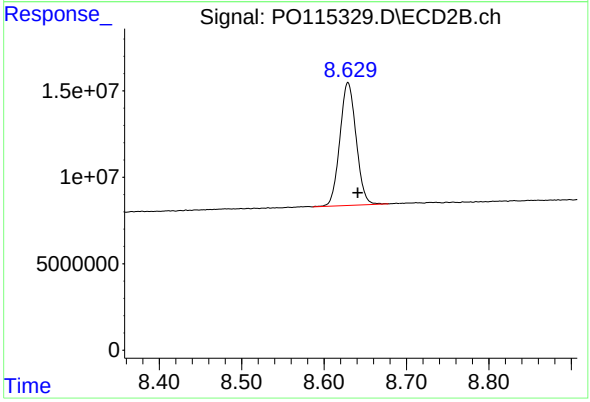
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 110333889
Conc: 24.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.011 min
Response: 112496256
Conc: 25.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.012 min
Response: 97470056
Conc: 24.97 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PO115344.D	SDG No.:	Q3693
Lab Sample ID:	I.BLK-PO115344.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/21/25	PO112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PO112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PO112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PO112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PO112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PO112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PO112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PO112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PO112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.3			60 - 140	121%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.6			60 - 140	128%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:21:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.340	3.644	174.2E6	108.5E6	24.750	24.301
2)	SA Decachlor...	9.918	8.629	114.3E6	99900942	25.869	25.591
	Target Compounds						

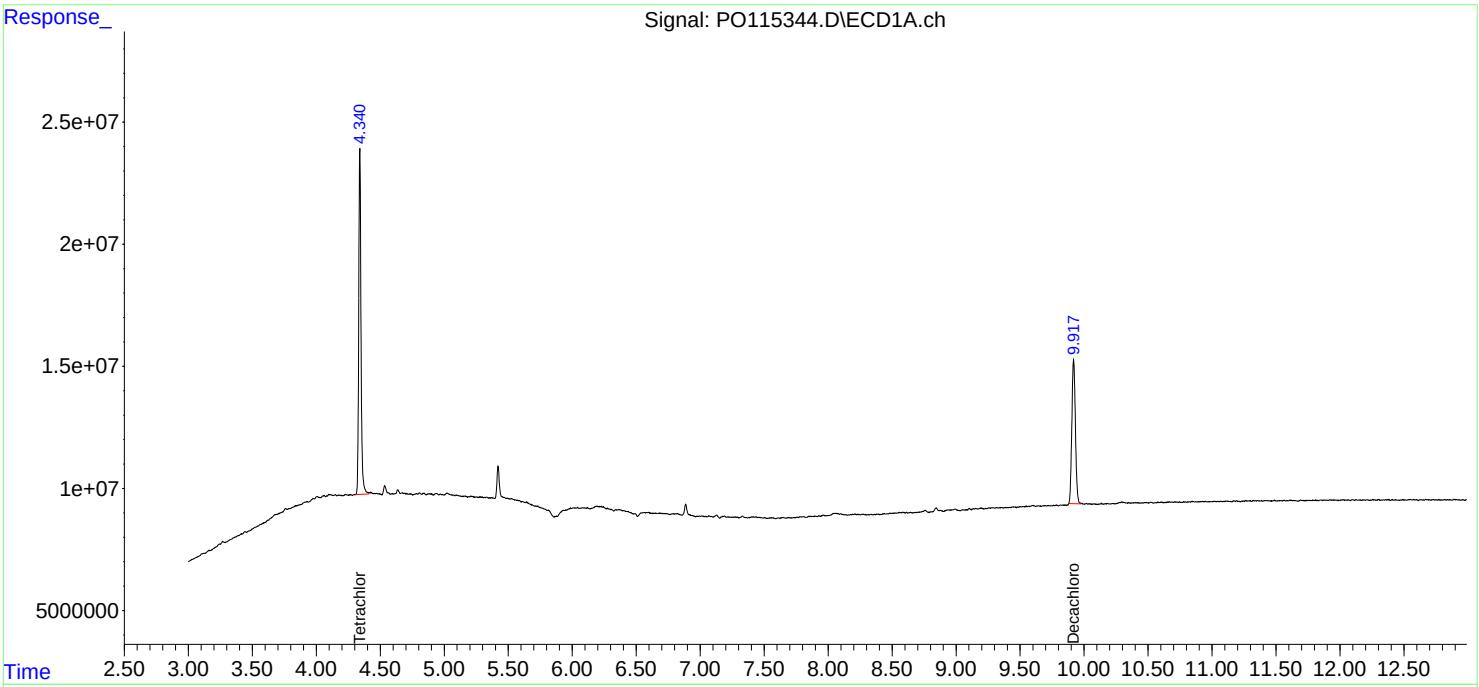
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

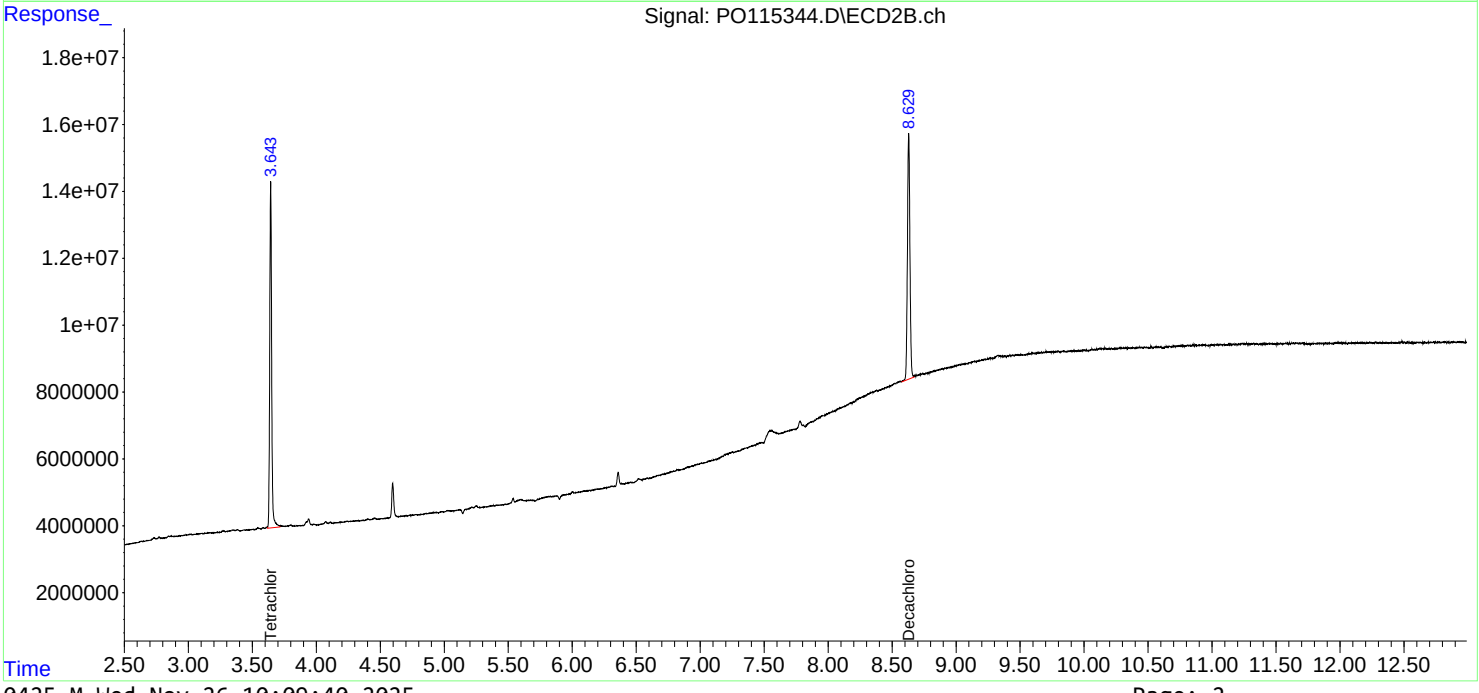
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112125\
Data File : PO115344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:12
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

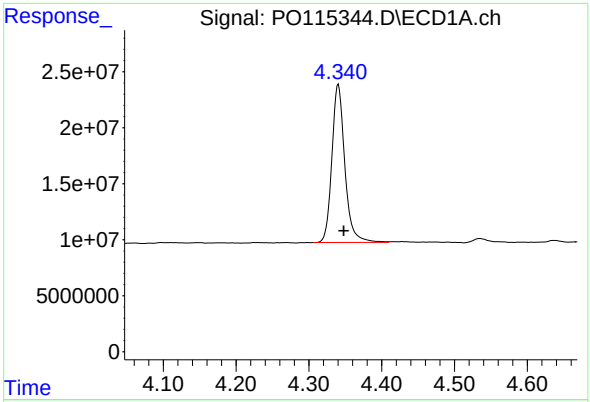
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 01:21:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 05 06:00:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



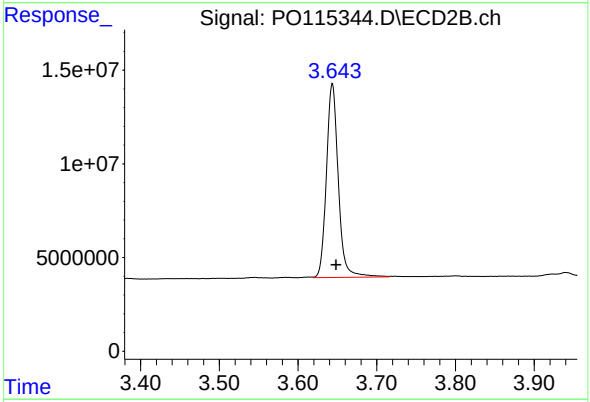




#1 Tetrachloro-m-xylene

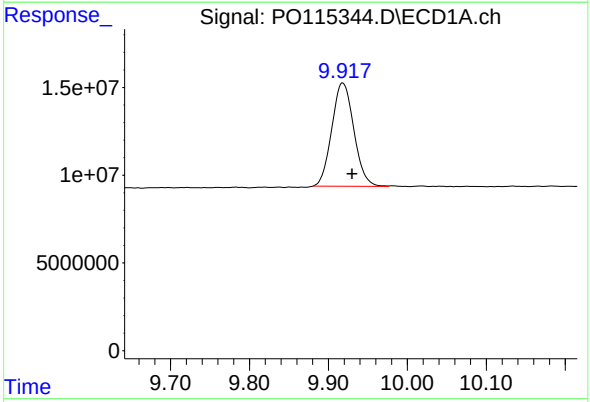
R.T.: 4.340 min
Delta R.T.: -0.008 min
Response: 174191572
Conc: 24.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



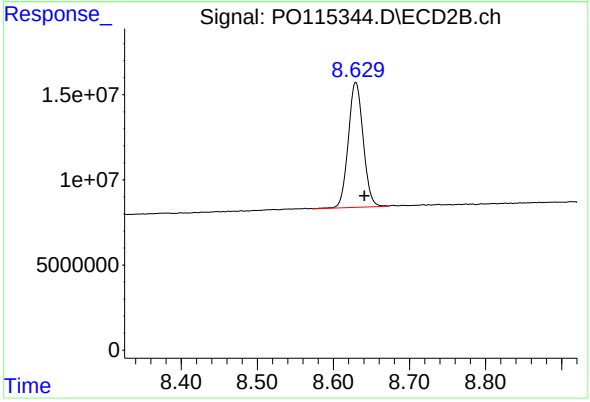
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 108546353
Conc: 24.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.918 min
Delta R.T.: -0.012 min
Response: 114348192
Conc: 25.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.011 min
Response: 99900942
Conc: 25.59 ng/ml

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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.:	Q3693
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						

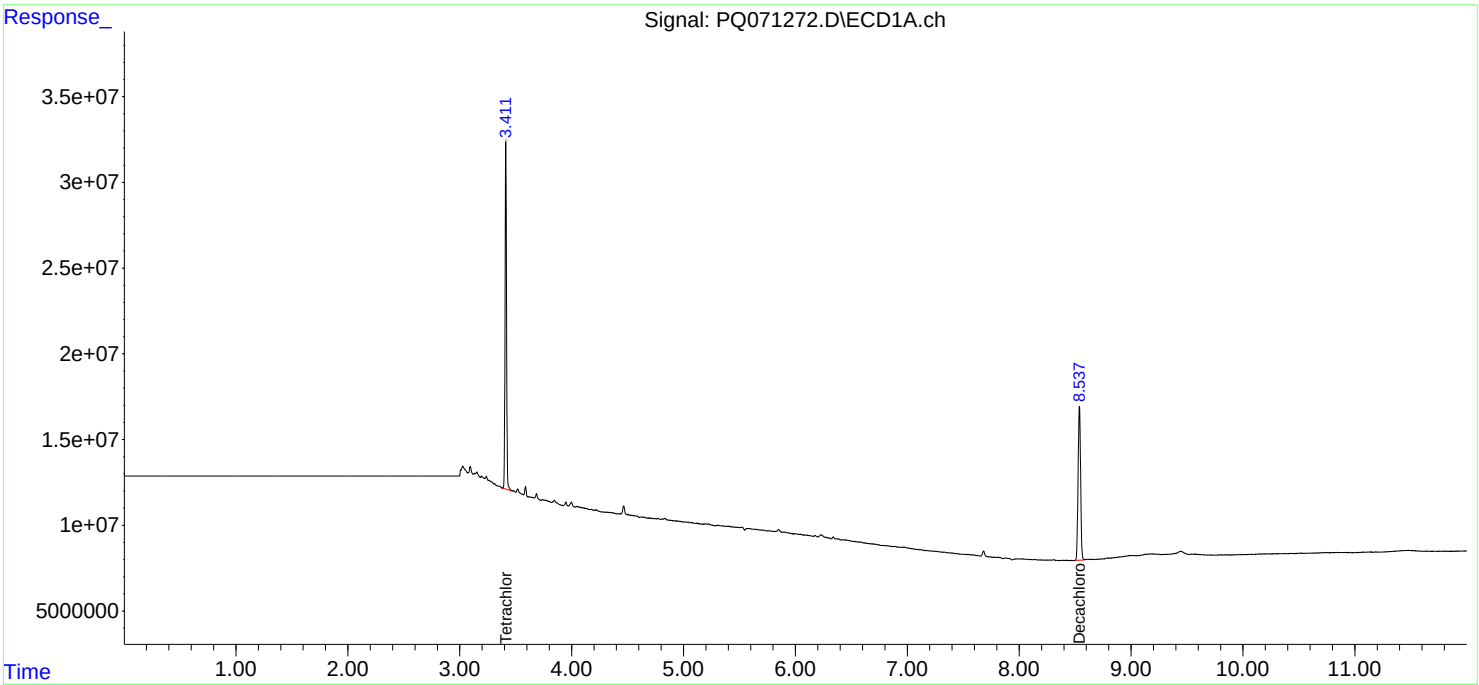
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

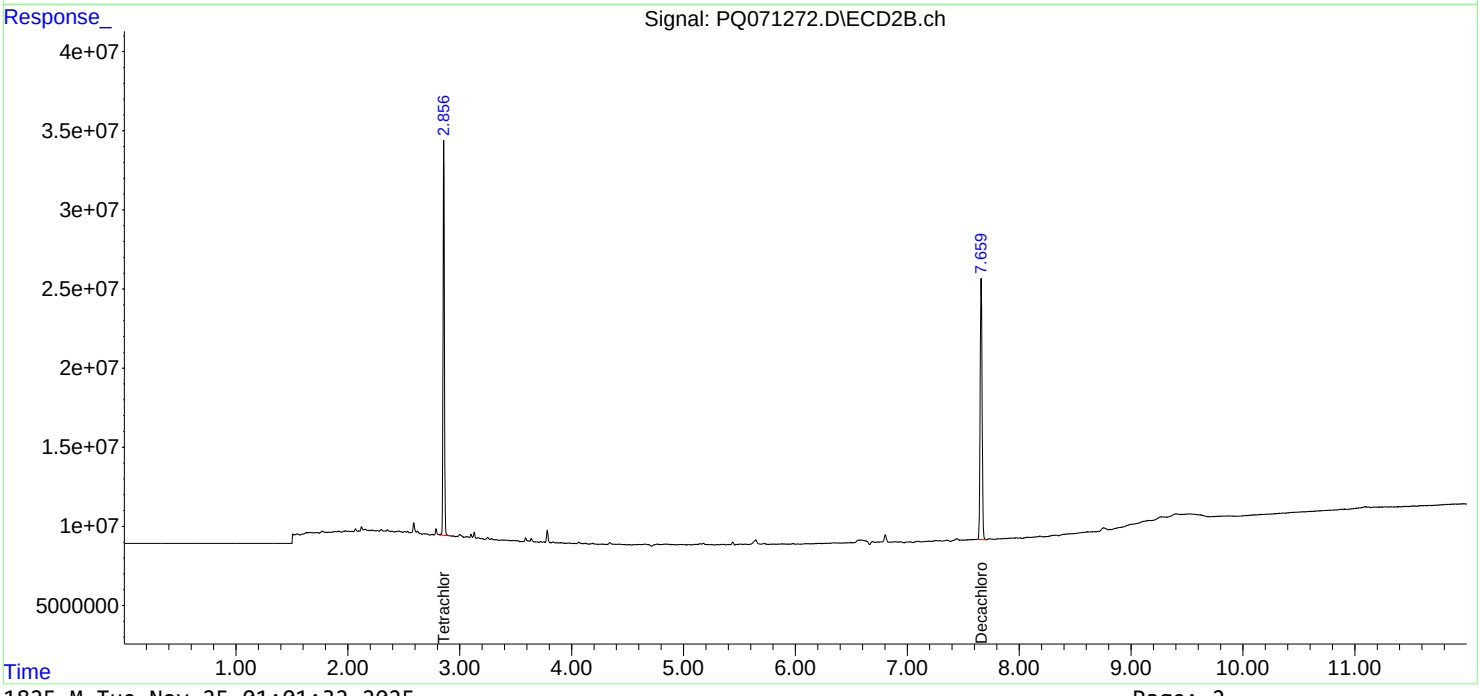
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 11:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

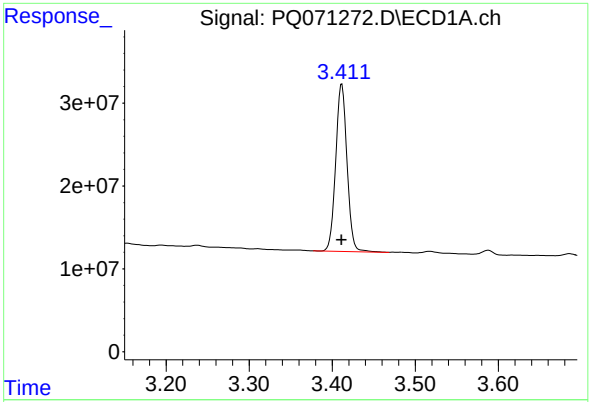
Instrument :
ECD_Q
ClientSampleId :
I.BLK

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



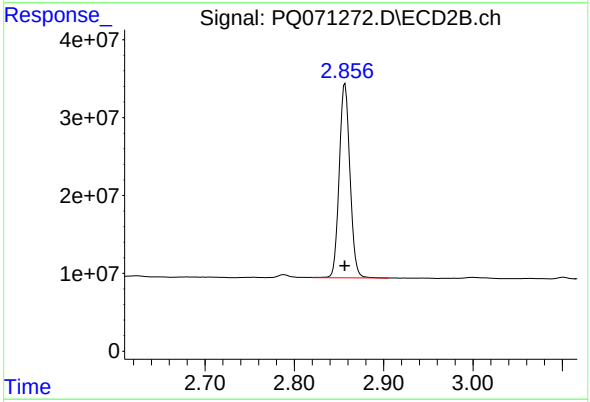




#1 Tetrachloro-m-xylene

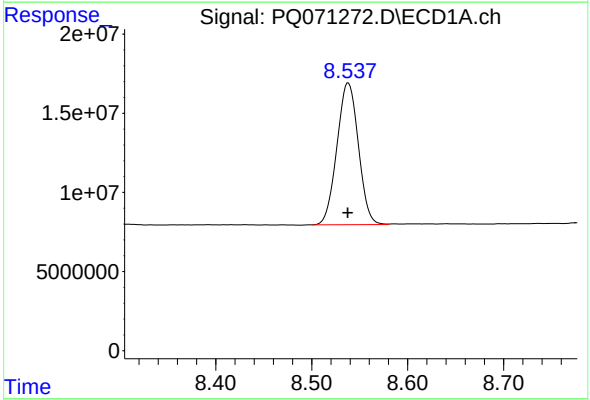
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 190802862
Conc: 21.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



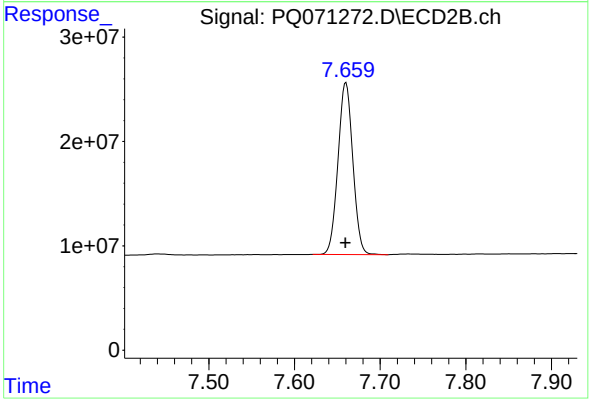
#1 Tetrachloro-m-xylene

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

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PQ071443.D	SDG No.:	Q3693
Lab Sample ID:	I.BLK-PQ071443.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	PQ112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PQ112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PQ112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PQ112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PQ112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PQ112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PQ112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PQ112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PQ112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.1			60 - 140	111%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.6			60 - 140	108%	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\PQ112125\
Data File : PQ071443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:06
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 24 12:41:35 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	192.5E6	245.4E6	22.116	26.281
2)	SA Decachlor...	8.536	7.654	134.9E6	241.2E6	21.545	26.395
	Target Compounds						

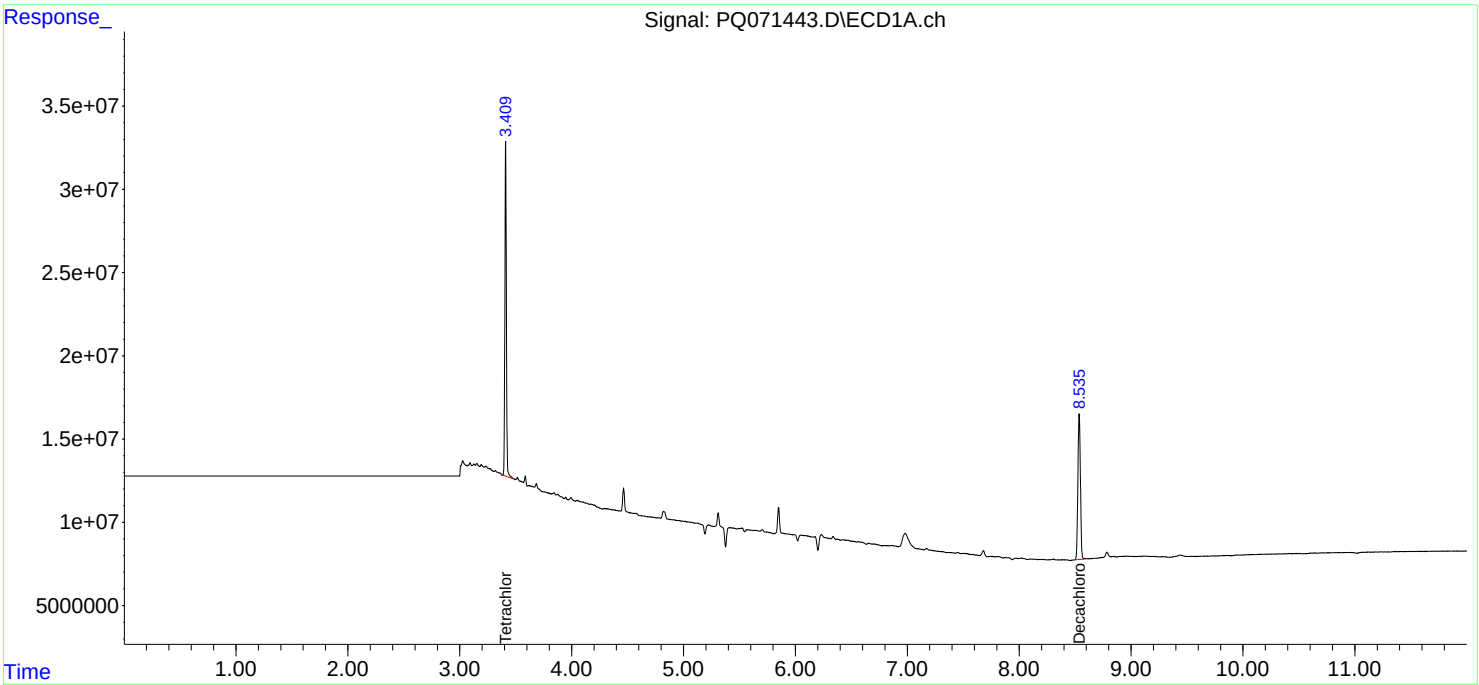
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

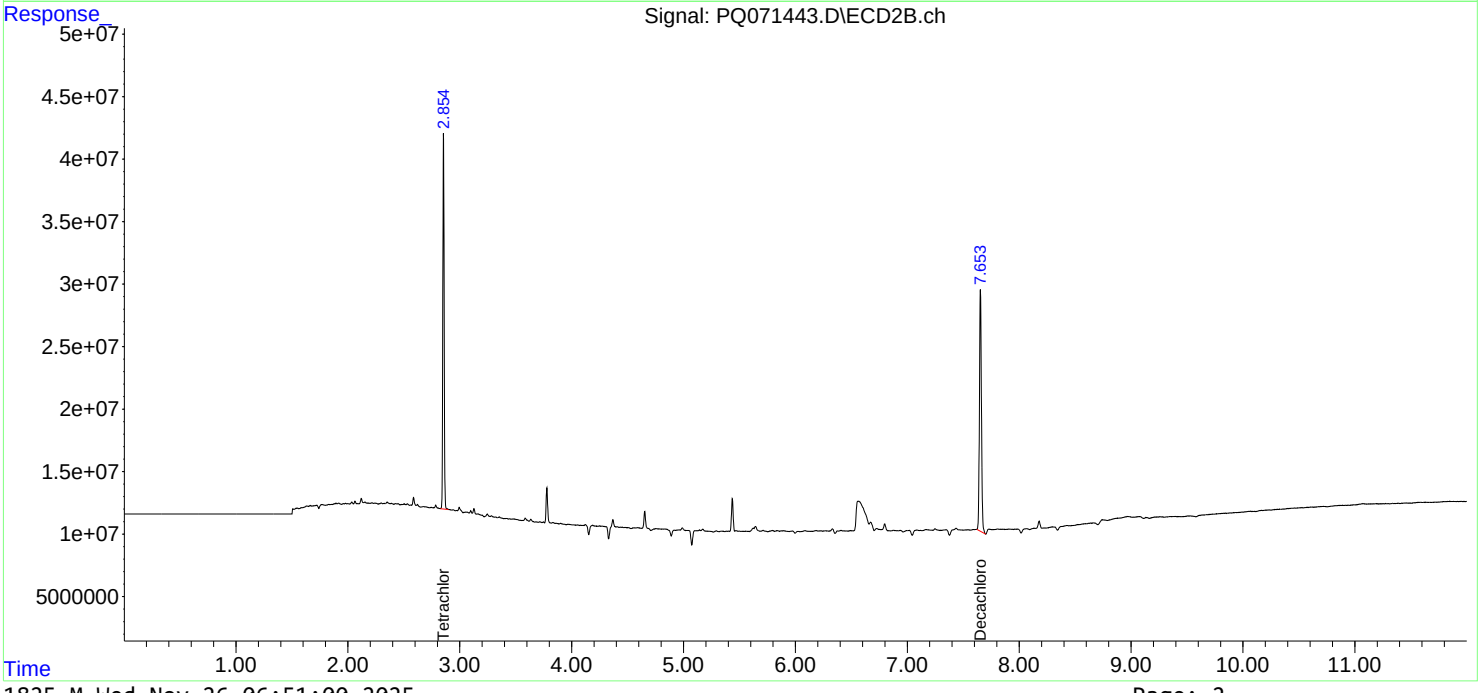
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:06
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

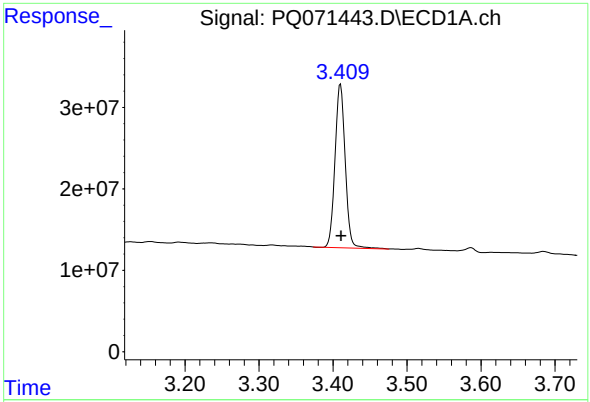
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:41:35 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



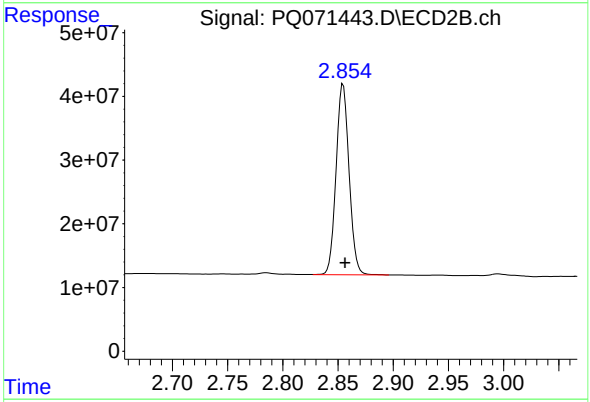




#1 Tetrachloro-m-xylene

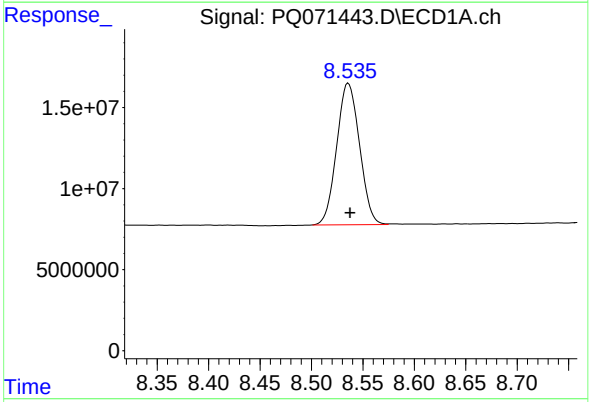
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 192522842
Conc: 22.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



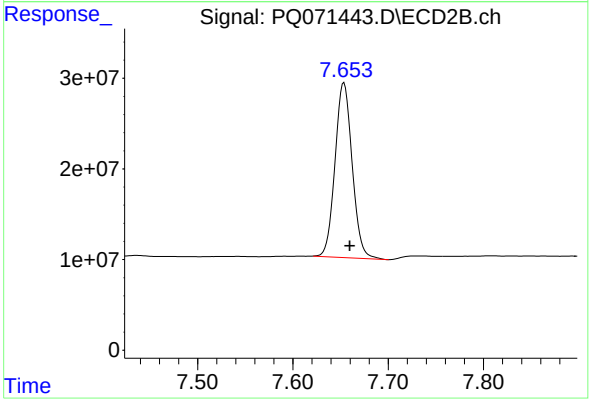
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 245376500
Conc: 26.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 134905382
Conc: 21.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 241187661
Conc: 26.39 ng/ml

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PQ071455.D	SDG No.:	Q3693
Lab Sample ID:	I.BLK-PQ071455.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	PQ112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PQ112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PQ112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PQ112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PQ112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PQ112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PQ112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PQ112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PQ112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.8			60 - 140	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.2			60 - 140	101%	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\PQ112125\
Data File : PQ071455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:29
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 25 00:57:21 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	189.4E6	204.9E6	21.761	21.950
2)	SA Decachlor...	8.535	7.653	131.3E6	184.9E6	20.967	20.238
	Target Compounds						

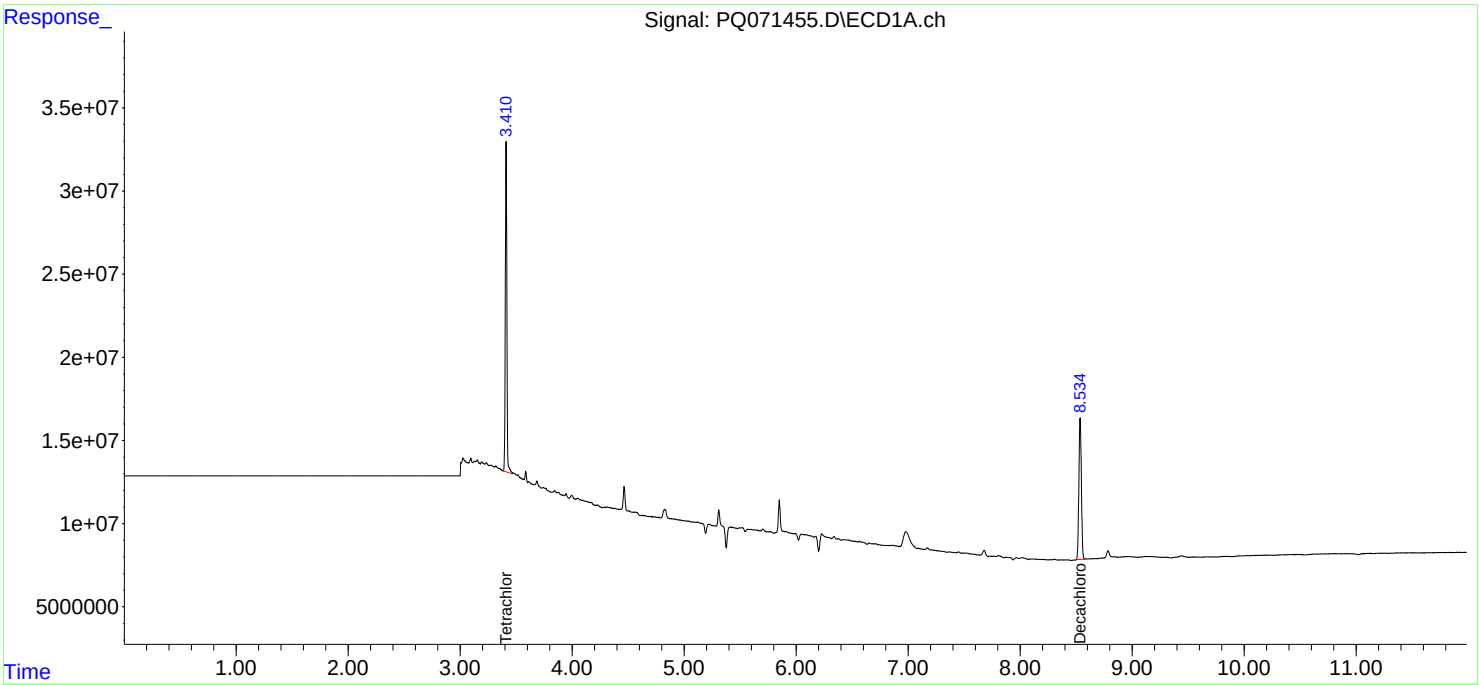
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

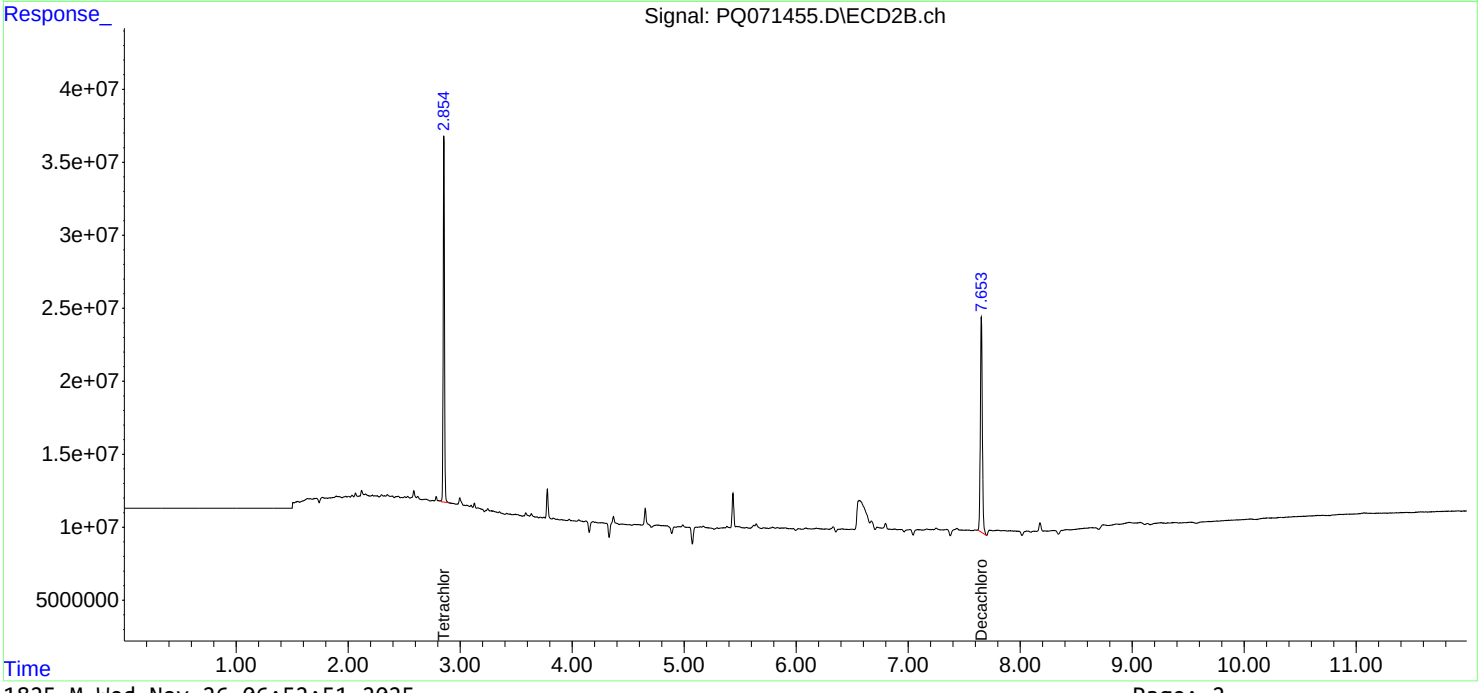
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

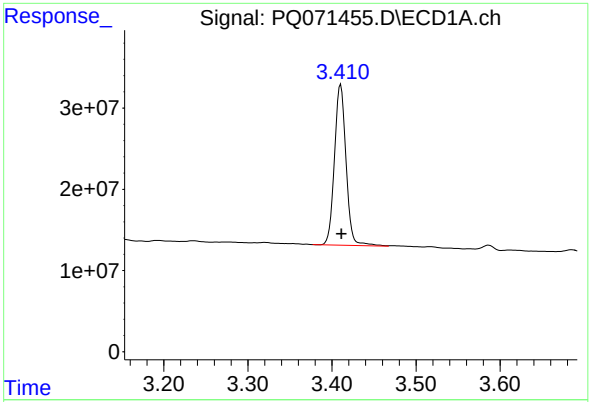
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:57:21 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



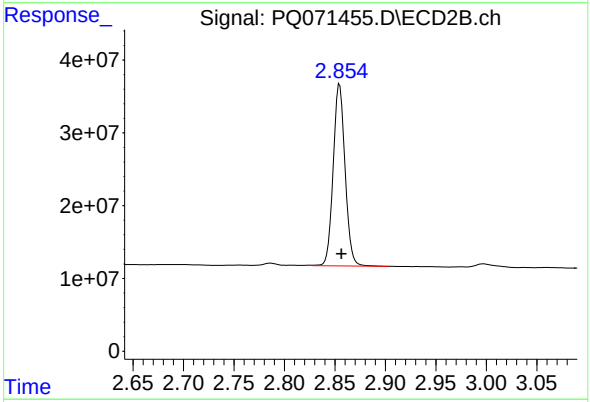




#1 Tetrachloro-m-xylene

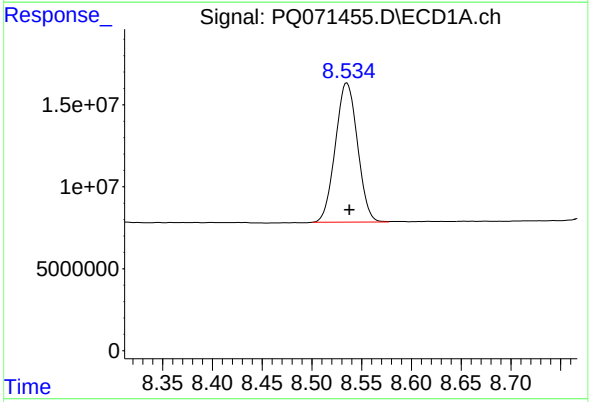
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 189432079
Conc: 21.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



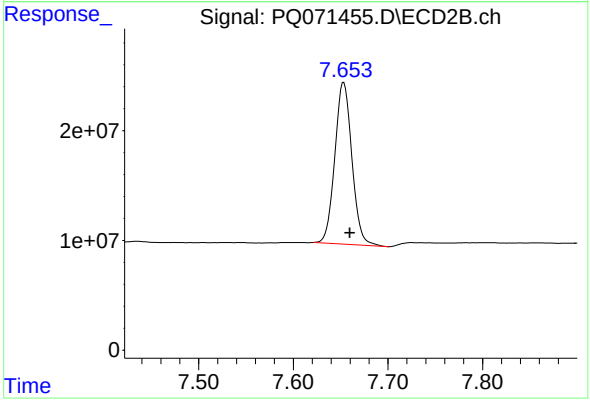
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 204938382
Conc: 21.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 131284548
Conc: 20.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 184931211
Conc: 20.24 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/22/25
Project:	R37108	Date Received:	11/22/25
Client Sample ID:	PIBLK-PQ071467.D	SDG No.:	Q3693
Lab Sample ID:	I.BLK-PQ071467.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/22/25	PQ112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/22/25	PQ112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/22/25	PQ112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/22/25	PQ112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/22/25	PQ112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/22/25	PQ112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/22/25	PQ112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/22/25	PQ112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/22/25	PQ112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.0			60 - 140	115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.3			60 - 140	107%	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\PQ112125\
Data File : PQ071467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 02:52
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 25 01:02:35 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	2.853	200.8E6	214.5E6	23.069	22.970
2)	SA Decachlor...	8.535	7.653	138.8E6	194.9E6	22.166	21.331
	Target Compounds						

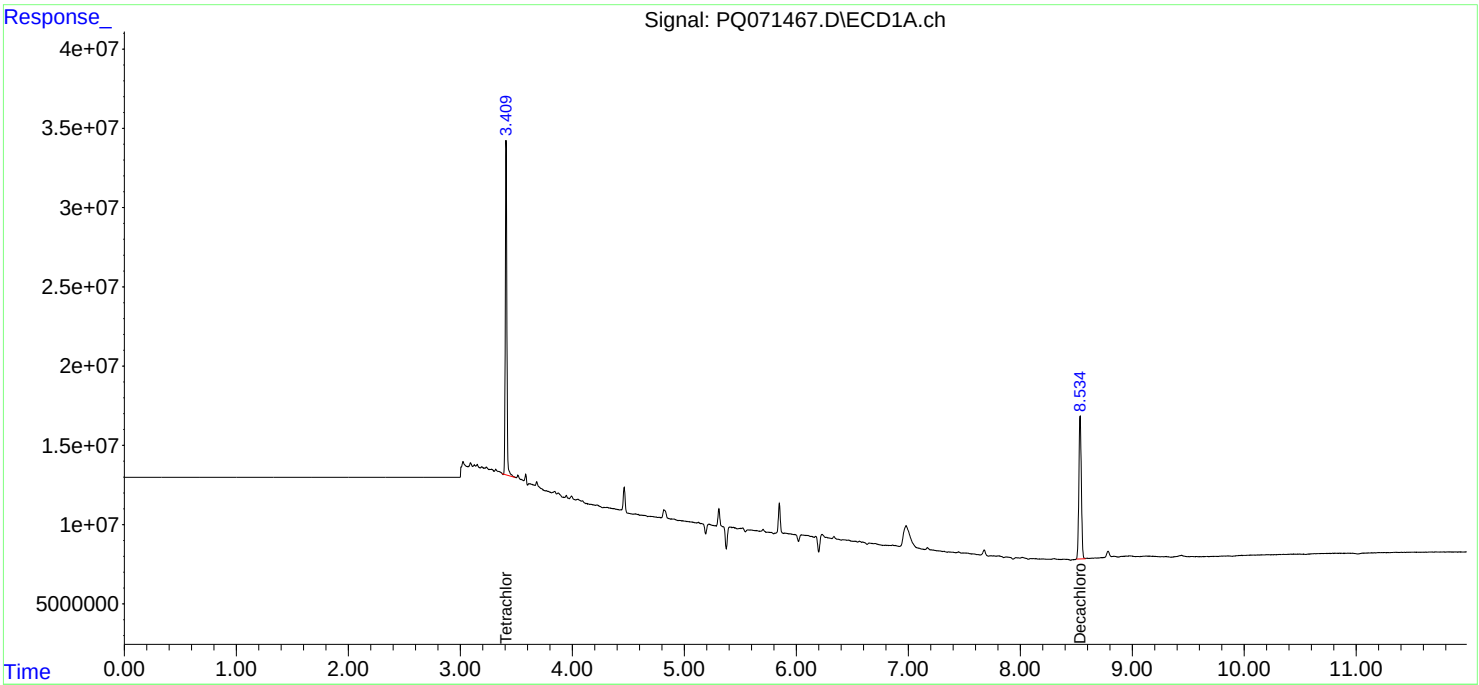
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

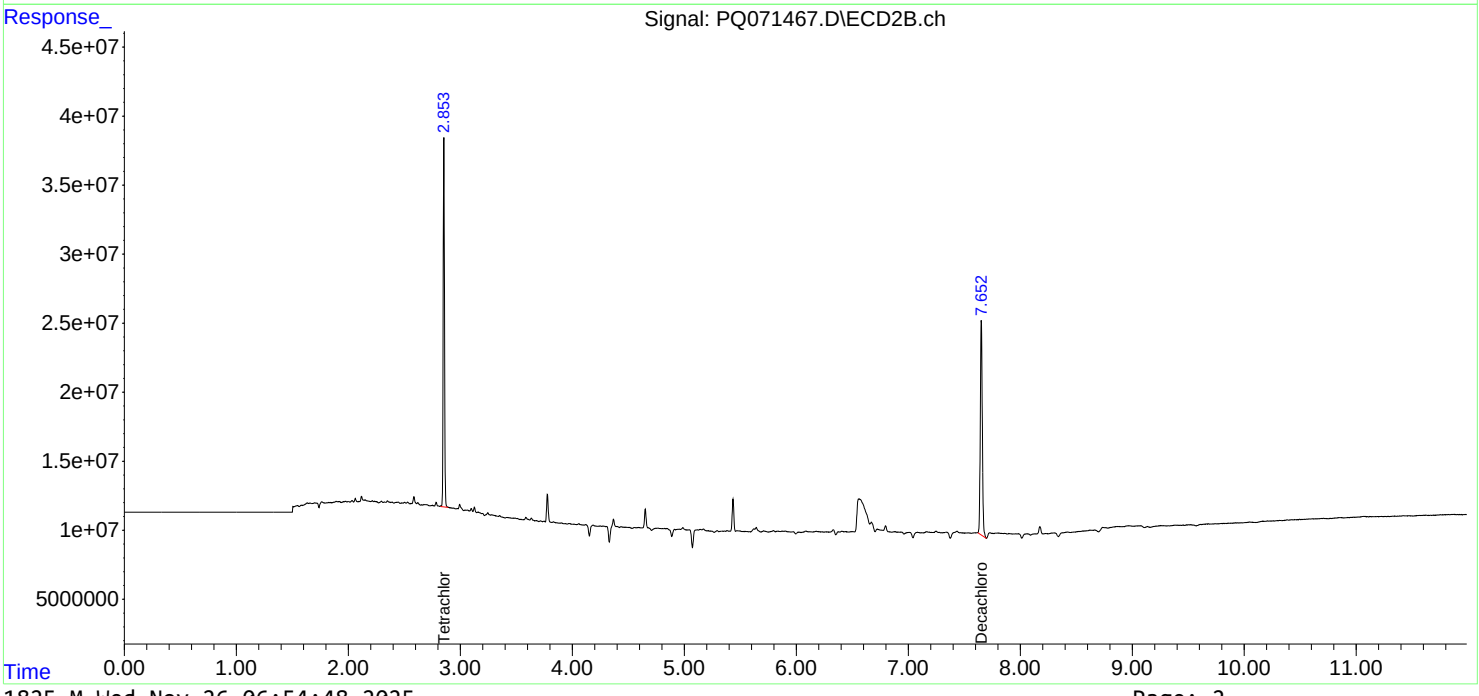
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 02:52
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

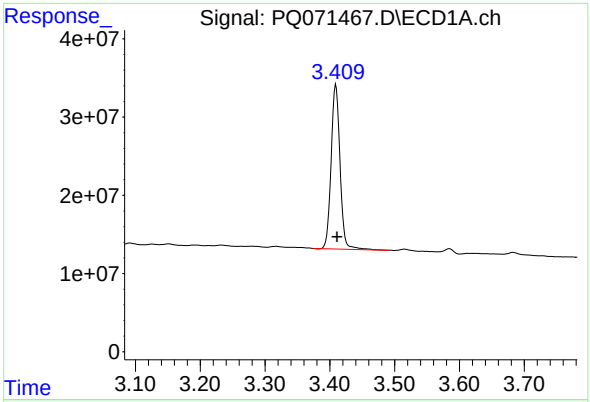
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:02:35 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



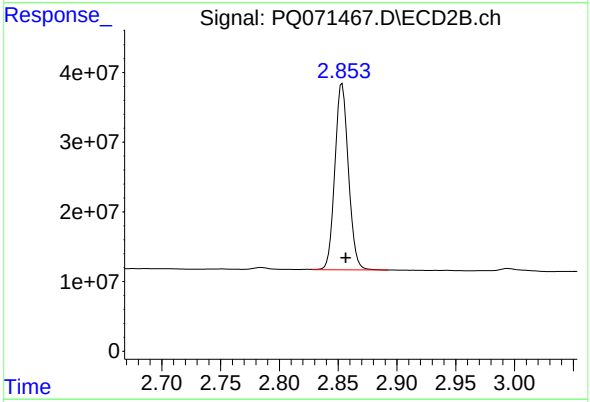




#1 Tetrachloro-m-xylene

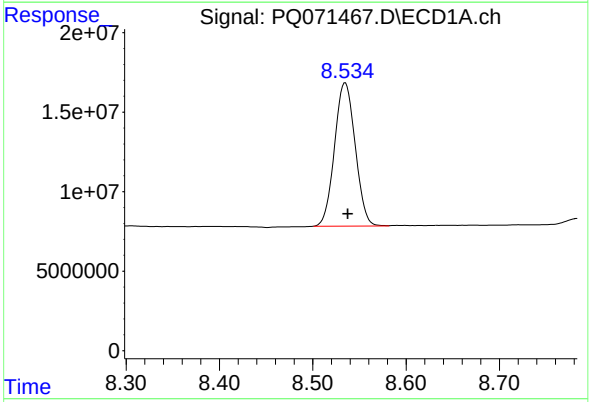
R.T.: 3.409 min
Delta R.T.: -0.002 min
Response: 200820356
Conc: 23.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



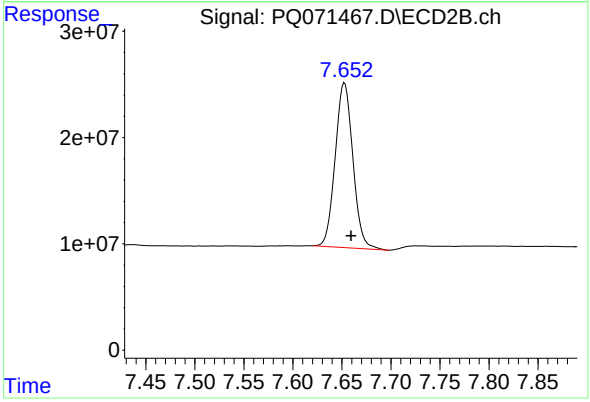
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 214464866
Conc: 22.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 138793277
Conc: 22.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 194919384
Conc: 21.33 ng/ml

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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-PQ071500.D	SDG No.:	Q3693
Lab Sample ID:	I.BLK-PQ071500.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	PQ112525
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/25/25	PQ112525
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/25/25	PQ112525
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/25/25	PQ112525
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/25/25	PQ112525
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/25/25	PQ112525
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/25/25	PQ112525
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/25/25	PQ112525
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/25/25	PQ112525
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.6			60 - 140	118%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.5			60 - 140	108%	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\PQ112525\
Data File : PQ071500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 09:30
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 25 12:06:25 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...	3.411	2.854	207.9E6	220.1E6	23.878	23.578
2)	SA Decachlor...	8.537	7.652	147.7E6	196.6E6	23.584	21.518
	Target Compounds						

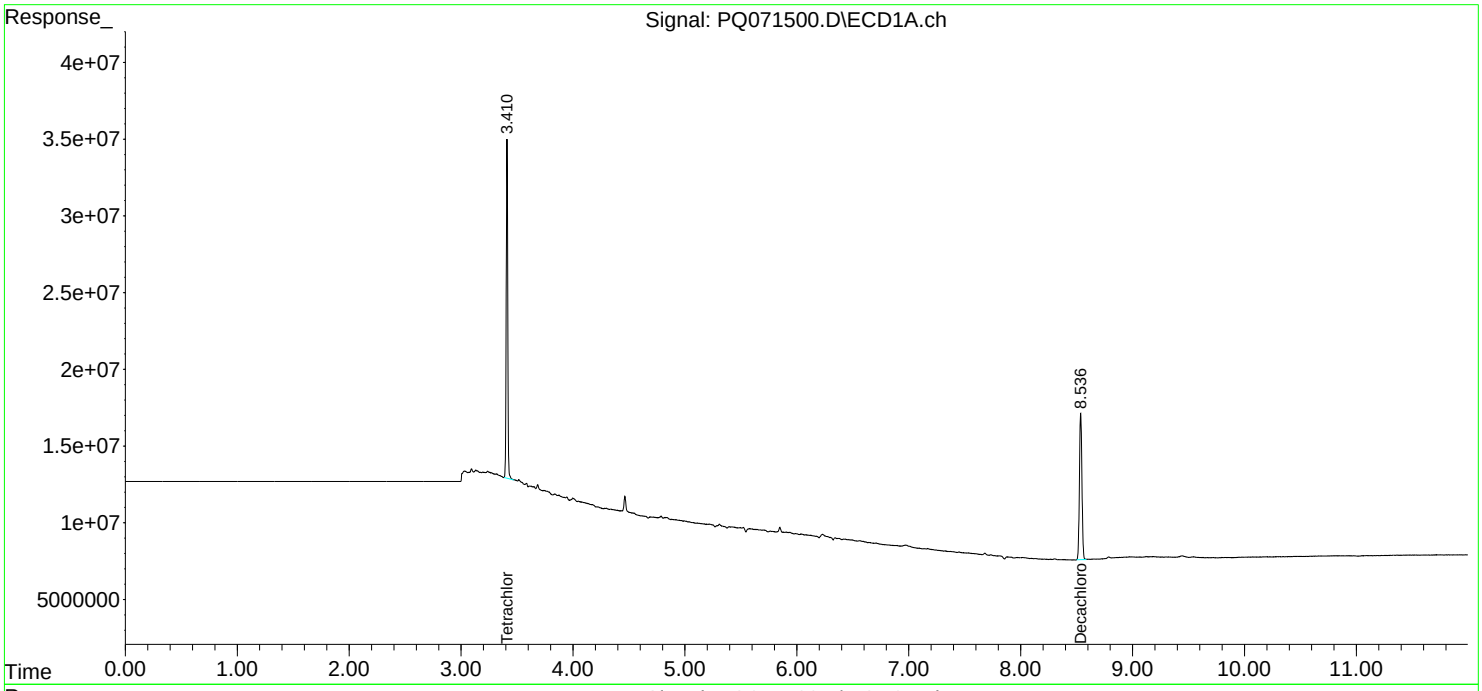
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

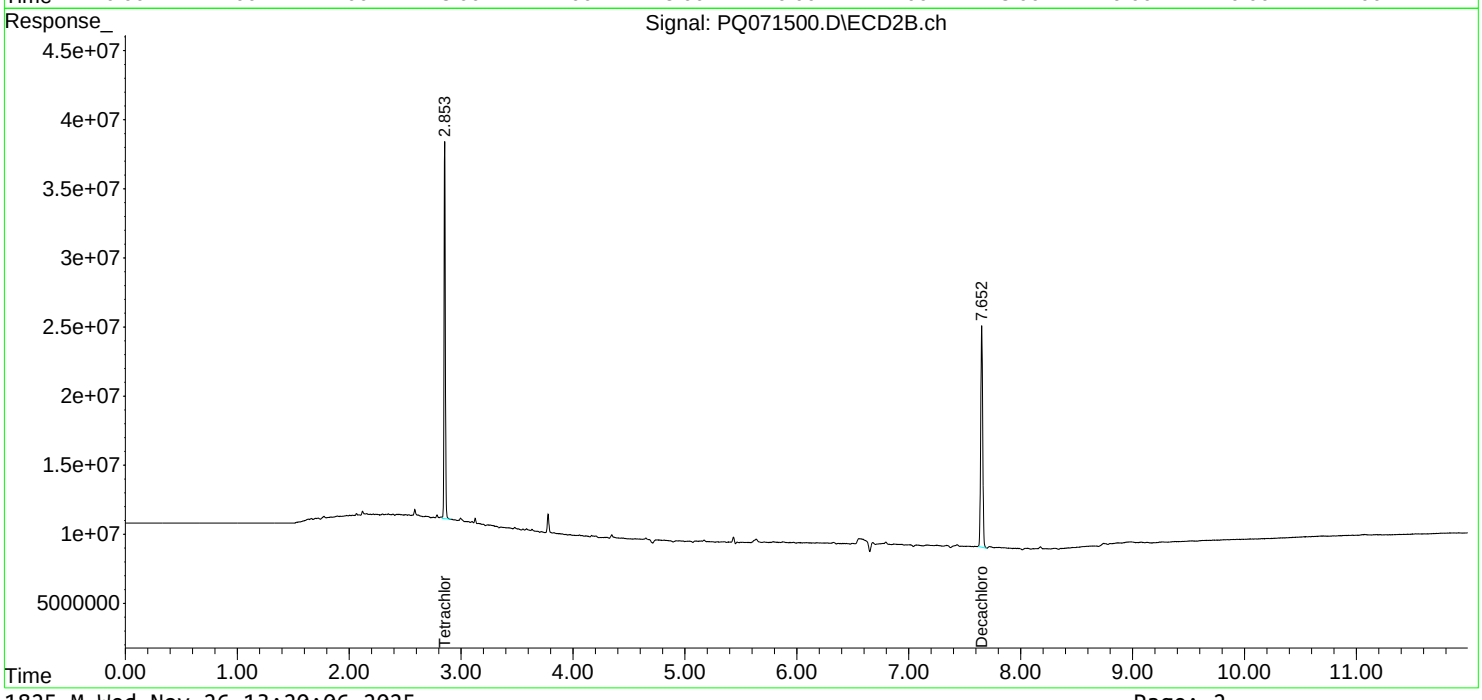
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112525\
Data File : PQ071500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 09:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

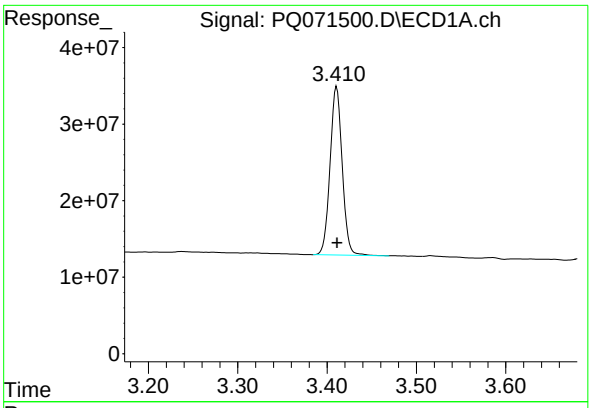
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 12:06:25 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



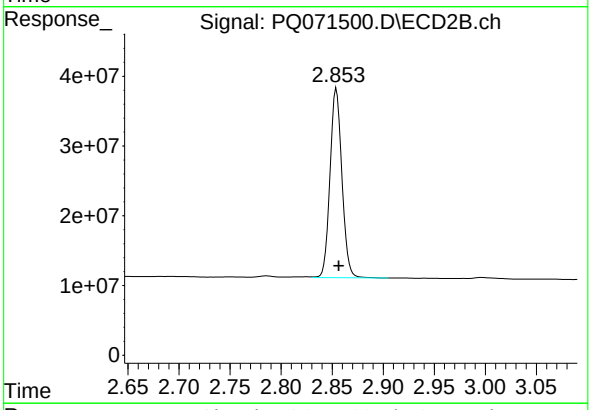




#1 Tetrachloro-m-xylene

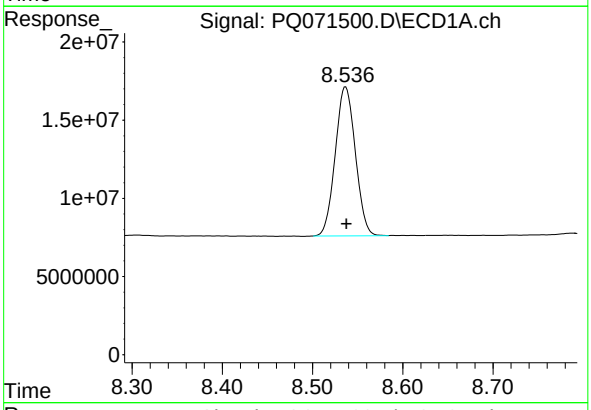
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 207865046
Conc: 23.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



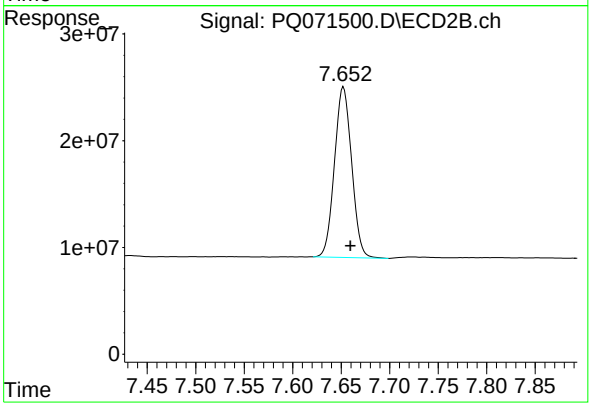
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 220137411
Conc: 23.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 147670039
Conc: 23.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.652 min
Delta R.T.: -0.007 min
Response: 196621603
Conc: 21.52 ng/ml

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/25/25
Project:	R37108	Date Received:	11/25/25
Client Sample ID:	PIBLK-PQ071512.D	SDG No.:	Q3693
Lab Sample ID:	I.BLK-PQ071512.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	pq112525
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/25/25	pq112525
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/25/25	pq112525
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/25/25	pq112525
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/25/25	pq112525
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/25/25	pq112525
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/25/25	pq112525
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/25/25	pq112525
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/25/25	pq112525
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.5			60 - 140	122%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.3			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\PQ112525\
Data File : PQ071512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 14:05
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 26 05:08:10 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...	3.410	2.854	213.0E6	231.0E6	24.465	24.742
2)	SA Decachlor...	8.537	7.652	149.9E6	204.1E6	23.943	22.339
	Target Compounds						

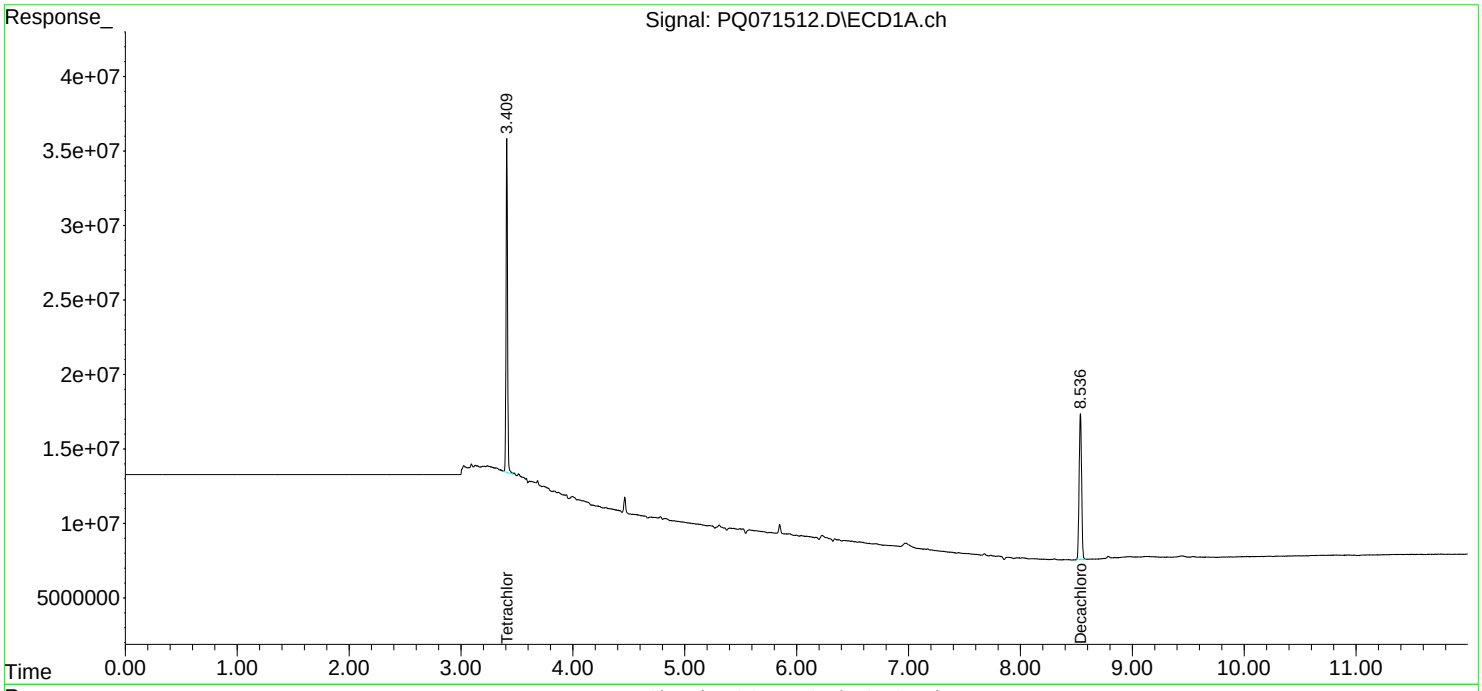
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

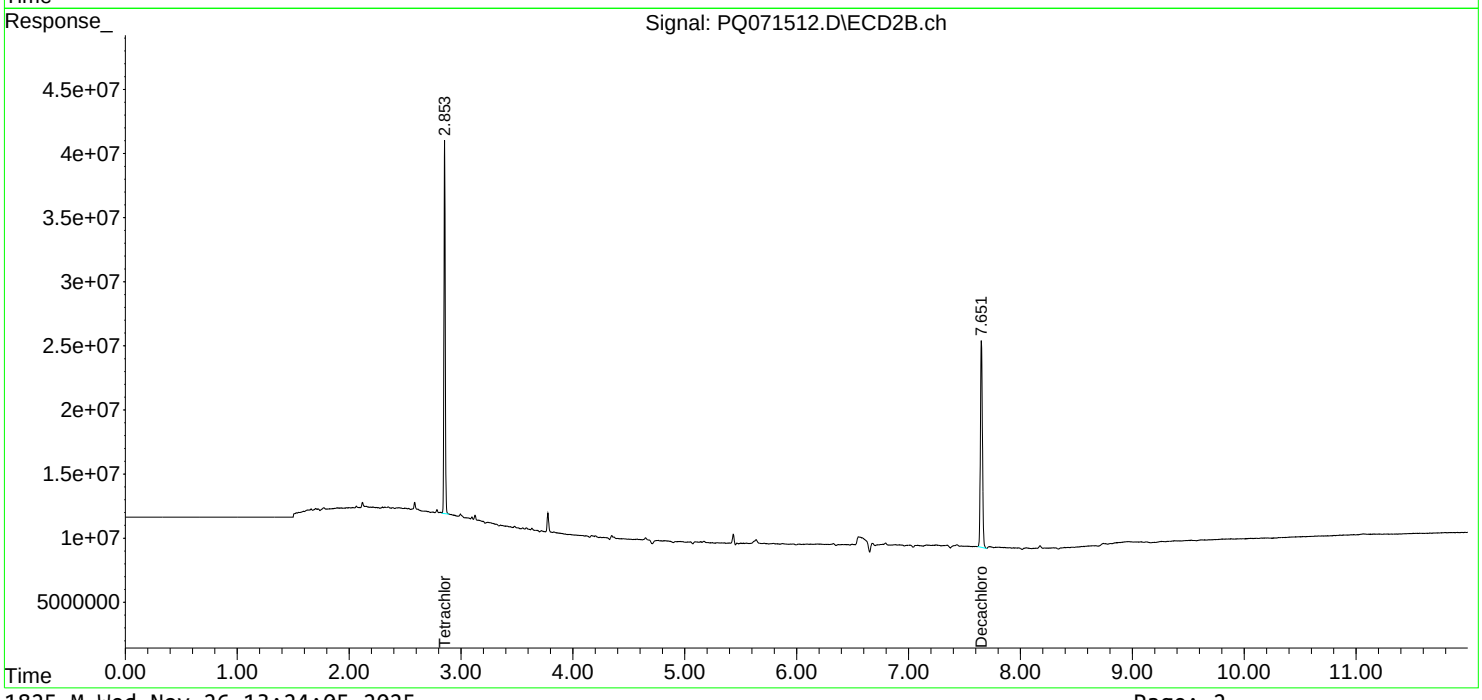
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112525\
Data File : PQ071512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 14:05
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

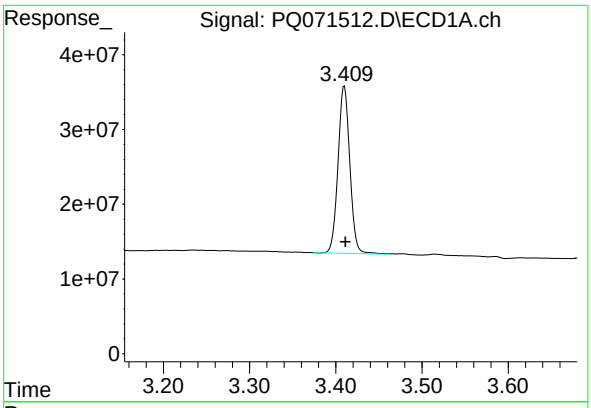
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:08:10 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



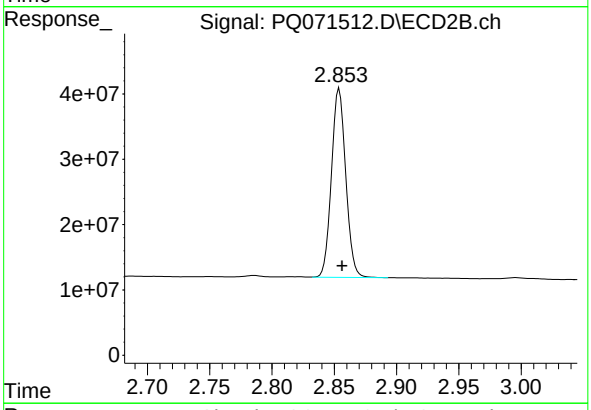




#1 Tetrachloro-m-xylene

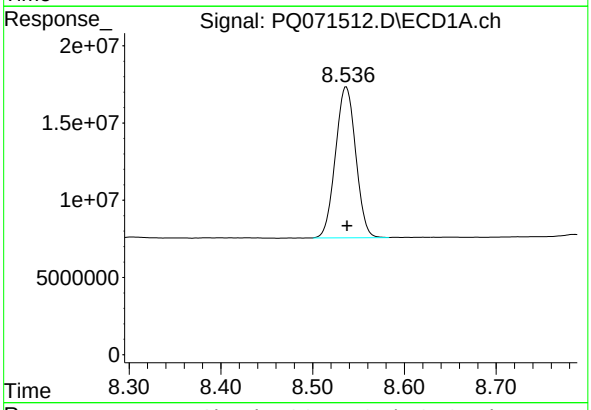
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 212968855
Conc: 24.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



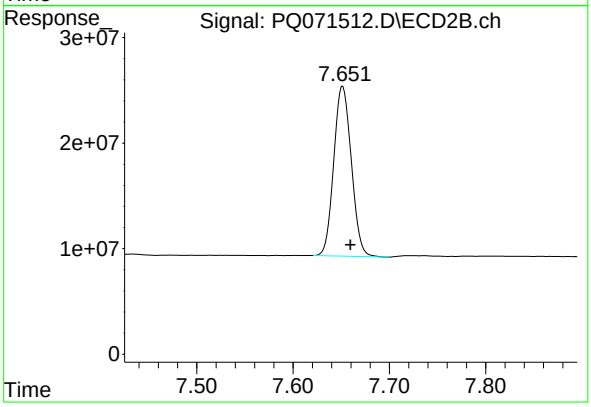
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 231004573
Conc: 24.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 149922175
Conc: 23.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.652 min
Delta R.T.: -0.008 min
Response: 204126574
Conc: 22.34 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R37108	Date Received:	
Client Sample ID:	PB170682BS	SDG No.:	Q3693
Lab Sample ID:	PB170682BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	163		1	3.90	17.0	ug/kg	11/21/25 22:58	PB170682
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	11/21/25 22:58	PB170682
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	11/21/25 22:58	PB170682
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	11/21/25 22:58	PB170682
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	11/21/25 22:58	PB170682
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	11/21/25 22:58	PB170682
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	11/21/25 22:58	PB170682
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	11/21/25 22:58	PB170682
11096-82-5	Aroclor-1260	158		1	3.20	17.0	ug/kg	11/21/25 22:58	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.3			21 - 165	122%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.7			10 - 170	118%	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\PQ112125\
Data File : PQ071457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:58
Operator : YP\AJ
Sample : PB170682BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170682BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:58:16 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...	3.410	2.853	211.8E6	220.5E6	24.326	23.615
2)	SA Decachlor...	8.535	7.653	148.2E6	201.8E6	23.673	22.082
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.868	163.1E6	172.7E6	493.489	476.930
4)	L1 AR-1016-2	4.515	3.884	235.4E6	242.8E6	494.941	494.257
5)	L1 AR-1016-3	4.573	4.046	145.8E6	133.0E6	488.442	478.282
6)	L1 AR-1016-4	4.663	4.095	121.6E6	103.1E6	495.404	459.694
7)	L1 AR-1016-5	4.949	4.292	112.6E6	129.6E6	476.360	465.275
31)	L7 AR-1260-1	6.042	5.292	212.7E6	250.2E6	475.419	501.450
32)	L7 AR-1260-2	6.299	5.482	254.8E6	303.4E6	498.702	500.423
33)	L7 AR-1260-3	6.652	5.625	159.5E6	301.4E6	416.666	509.759
34)	L7 AR-1260-4	6.867	6.089	183.9E6	214.4E6	439.830	432.792
35)	L7 AR-1260-5	7.174	6.333	363.2E6	491.0E6	436.375	427.600

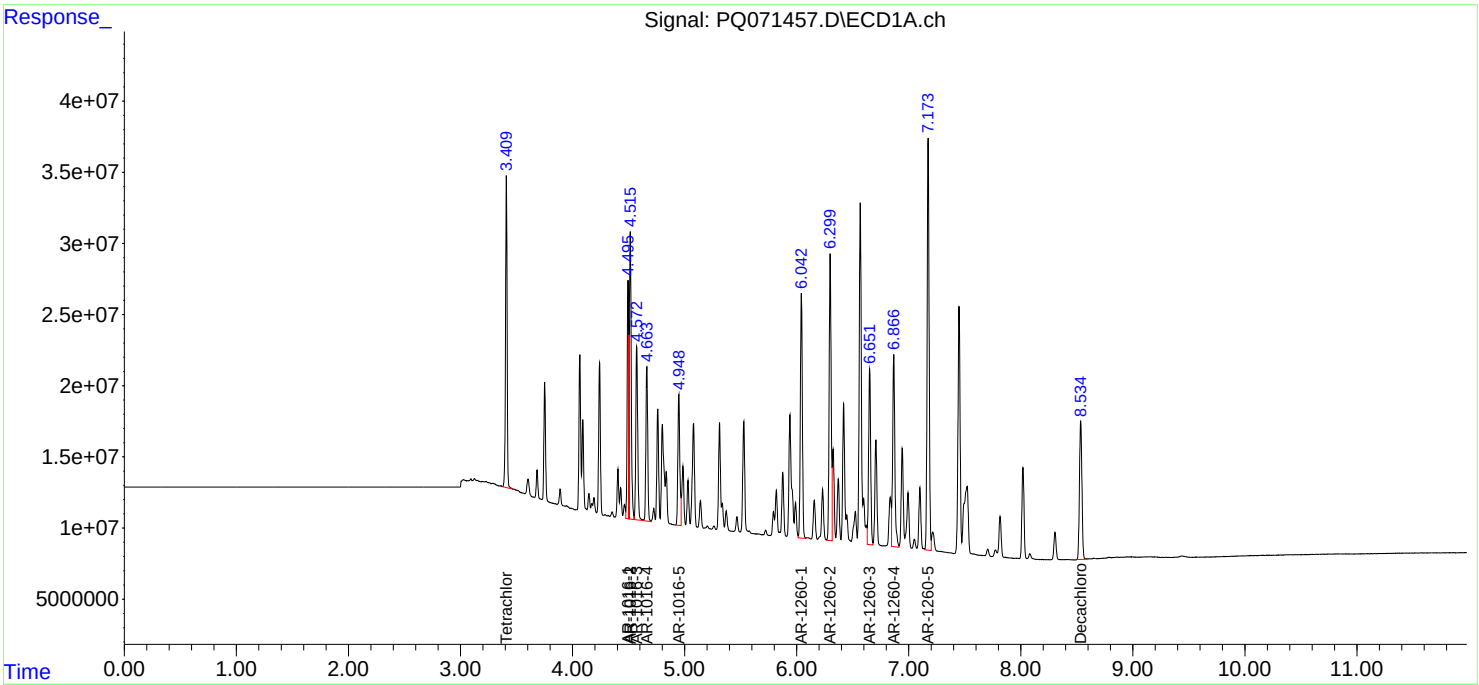
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

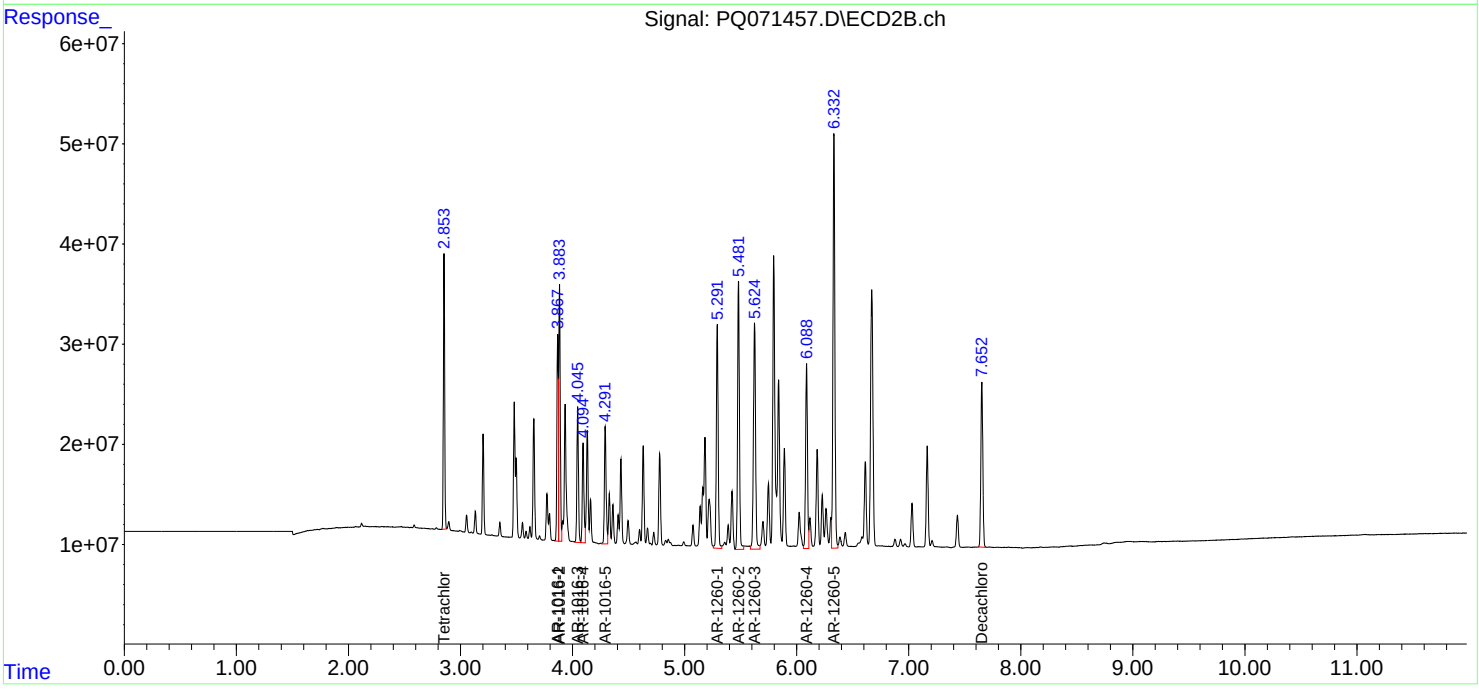
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:58
Operator : YP\AJ
Sample : PB170682BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

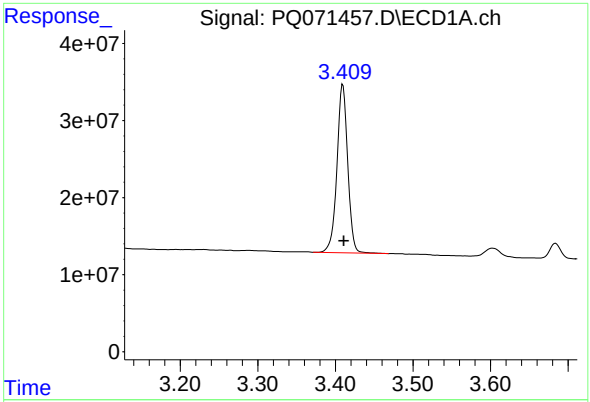
Instrument :
ECD_Q
ClientSampleId :
PB170682BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:58:16 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



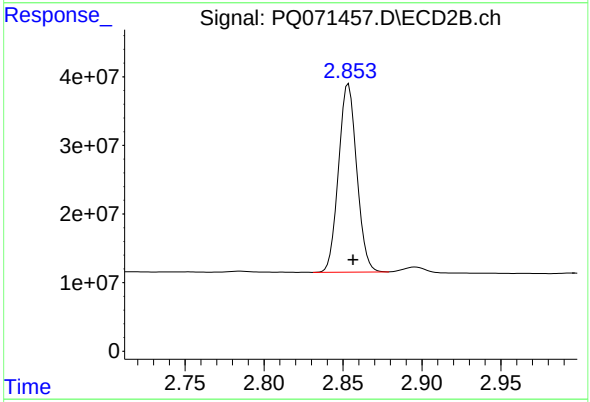




#1 Tetrachloro-m-xylene

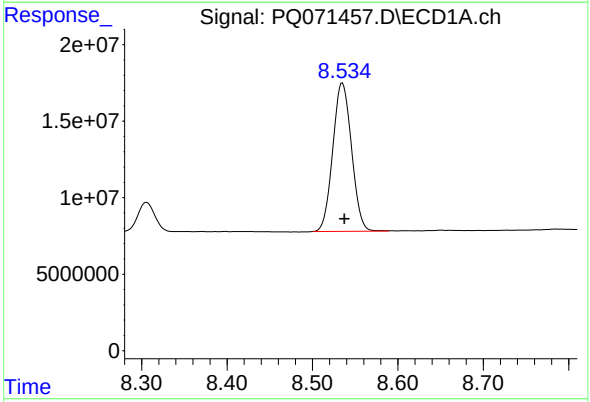
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 211760791
Conc: 24.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170682BS



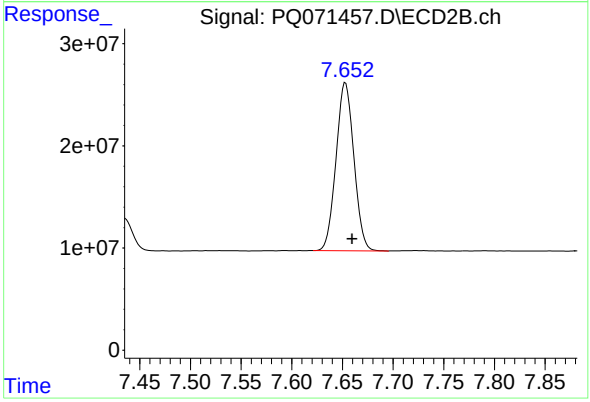
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 220489518
Conc: 23.62 ng/ml



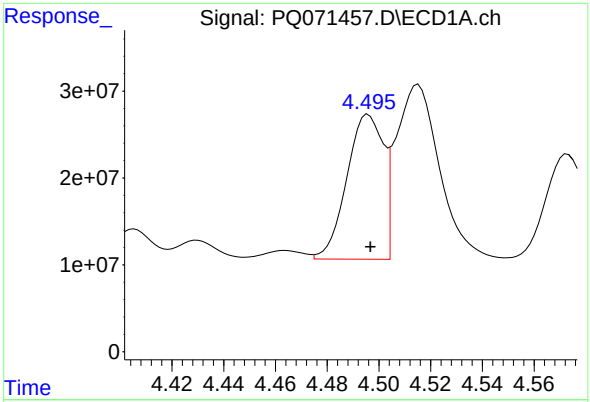
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 148229281
Conc: 23.67 ng/ml



#2 Decachlorobiphenyl

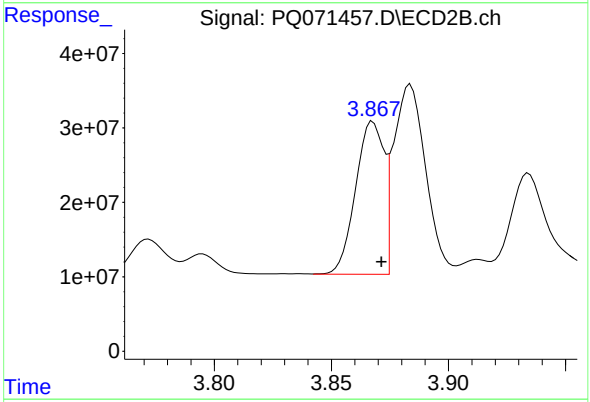
R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 201779070
Conc: 22.08 ng/ml



#3 AR-1016-1

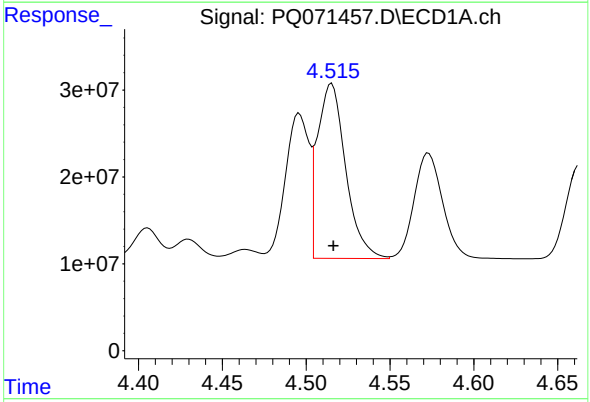
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 163122546
Conc: 493.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170682BS



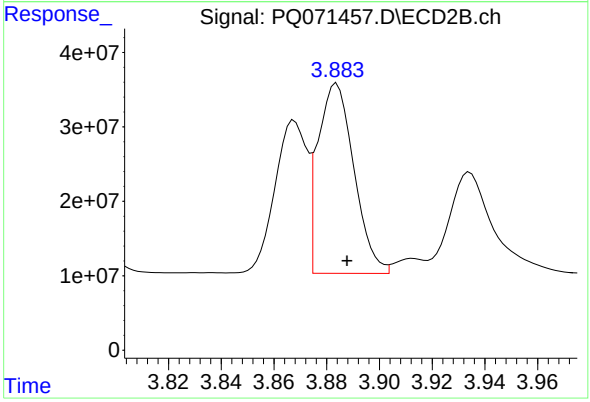
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.004 min
Response: 172707434
Conc: 476.93 ng/ml



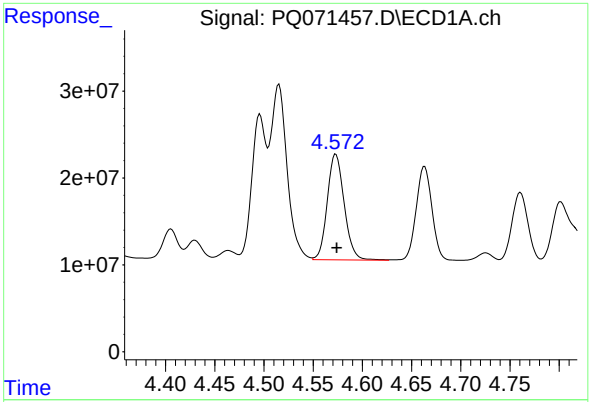
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 235403995
Conc: 494.94 ng/ml



#4 AR-1016-2

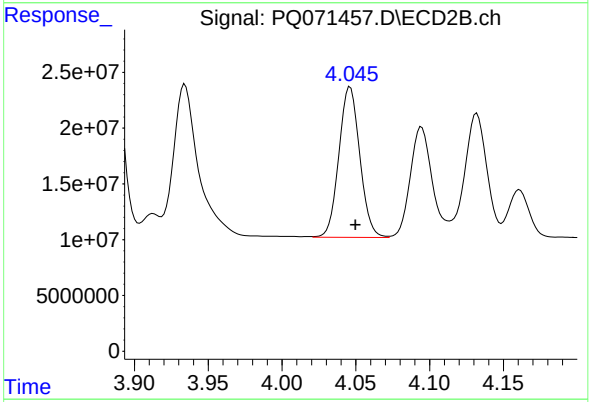
R.T.: 3.884 min
Delta R.T.: -0.004 min
Response: 242770244
Conc: 494.26 ng/ml



#5 AR-1016-3

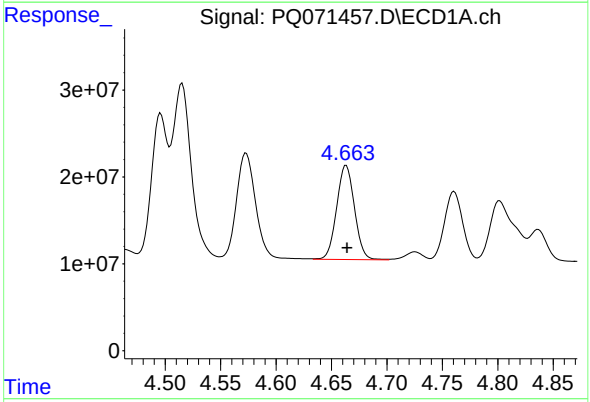
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 145779581
Conc: 488.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170682BS



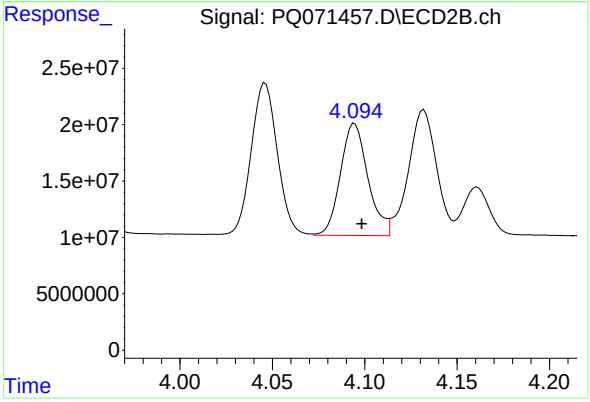
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 132958533
Conc: 478.28 ng/ml



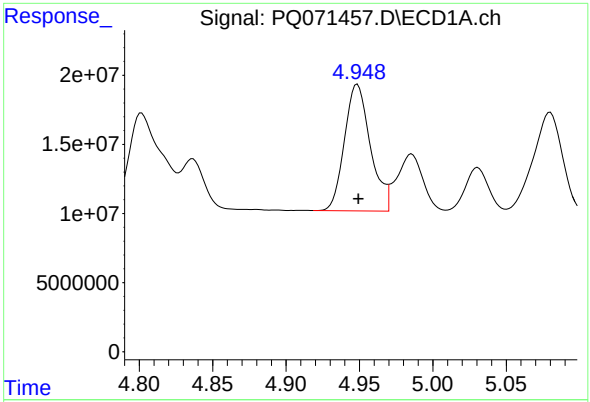
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 121644968
Conc: 495.40 ng/ml



#6 AR-1016-4

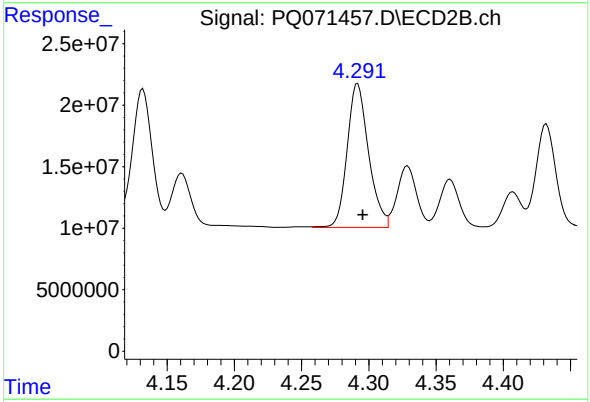
R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 103085479
Conc: 459.69 ng/ml



#7 AR-1016-5

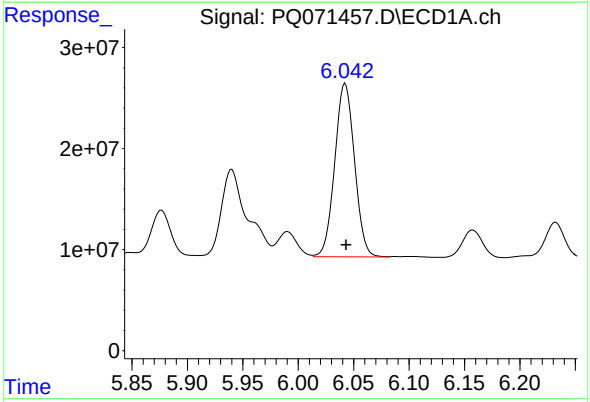
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 112618643
Conc: 476.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170682BS



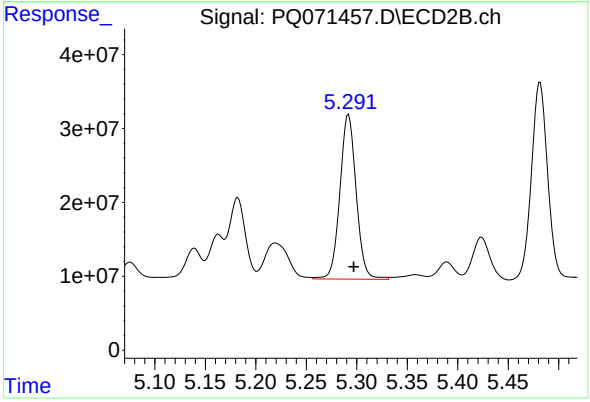
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 129610638
Conc: 465.27 ng/ml



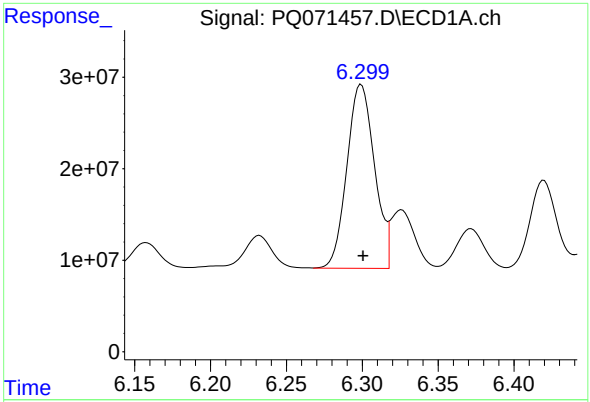
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 212748849
Conc: 475.42 ng/ml



#31 AR-1260-1

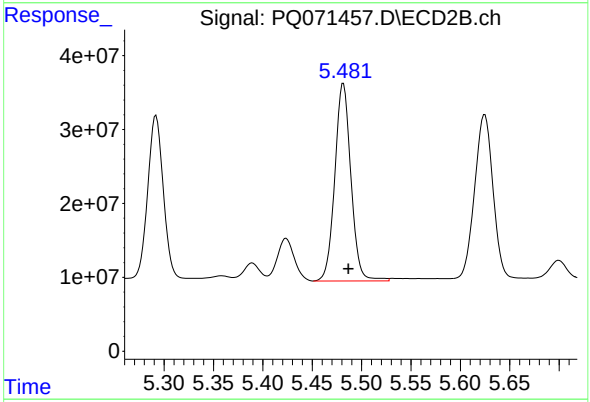
R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 250187032
Conc: 501.45 ng/ml



#32 AR-1260-2

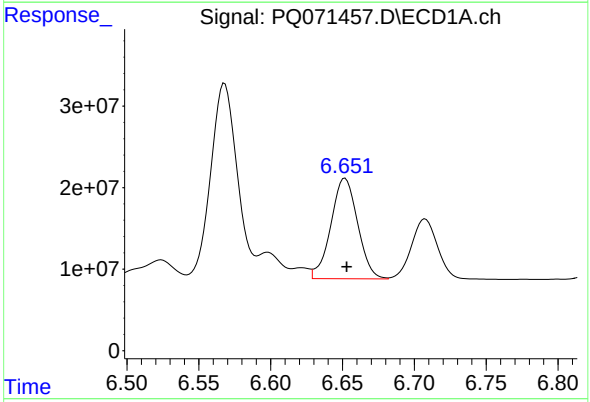
R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 254793892
Conc: 498.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170682BS



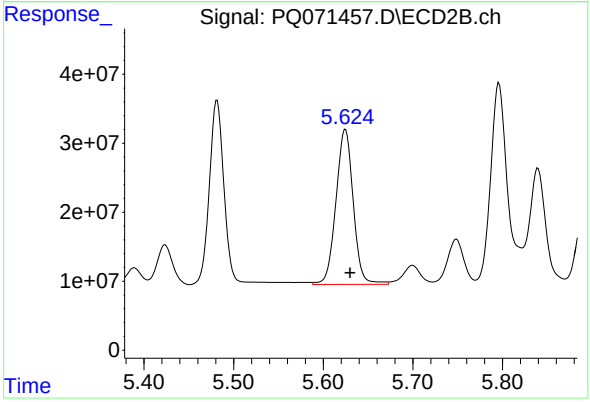
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 303444477
Conc: 500.42 ng/ml



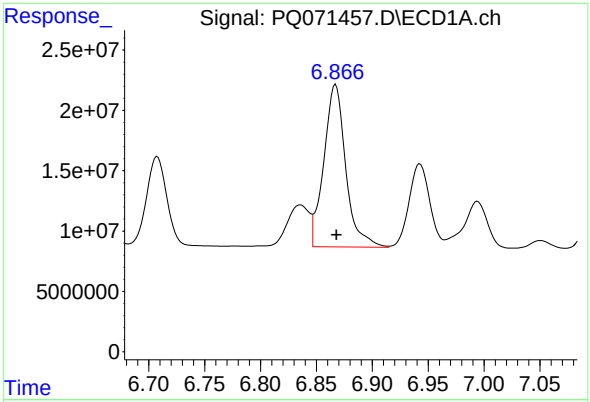
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 159472339
Conc: 416.67 ng/ml



#33 AR-1260-3

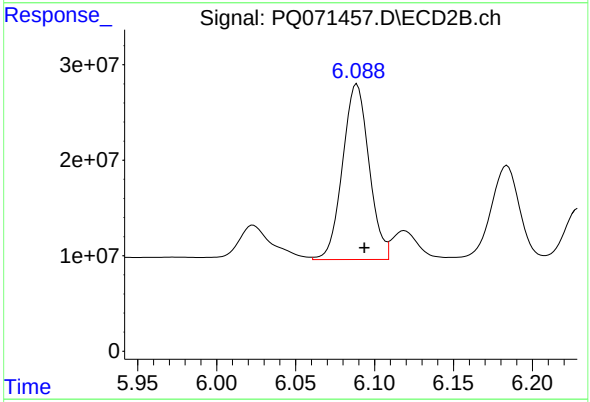
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 301361415
Conc: 509.76 ng/ml



#34 AR-1260-4

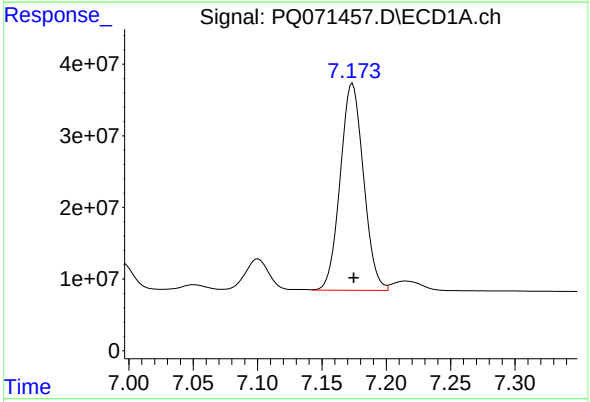
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 183912473
Conc: 439.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170682BS



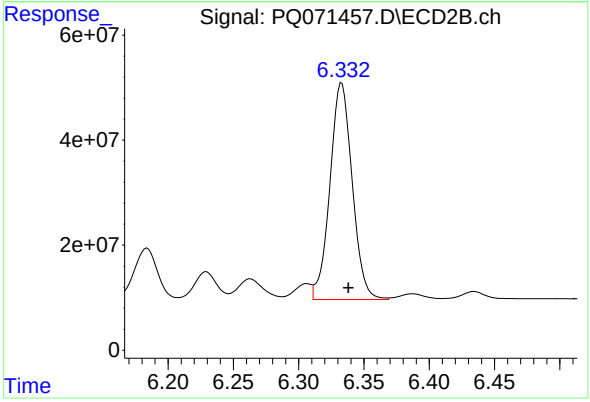
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 214395953
Conc: 432.79 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 363167610
Conc: 436.37 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 491007437
Conc: 427.60 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:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AJ7MS	SDG No.:	Q3693
Lab Sample ID:	Q3693-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.8
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	183		1	4.70	20.3	ug/kg	11/21/25 20:03	PB170682
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/21/25 20:03	PB170682
11141-16-5	Aroclor-1232	20.3	U	1	4.40	20.3	ug/kg	11/21/25 20:03	PB170682
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/21/25 20:03	PB170682
12672-29-6	Aroclor-1248	20.3	U	1	7.10	20.3	ug/kg	11/21/25 20:03	PB170682
11097-69-1	Aroclor-1254	20.3	U	1	3.80	20.3	ug/kg	11/21/25 20:03	PB170682
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/21/25 20:03	PB170682
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/21/25 20:03	PB170682
11096-82-5	Aroclor-1260	198		1	3.90	20.3	ug/kg	11/21/25 20:03	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.1			21 - 165	110%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.5			10 - 170	87%	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\PQ112125\
Data File : PQ071451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:03
Operator : YP\AJ
Sample : Q3693-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:55:35 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	192.0E6	200.0E6	22.056	21.419
2)	SA Decachlor...	8.537	7.653	109.4E6	150.3E6	17.471	16.452
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.868	152.2E6	168.7E6	460.564	465.897
4)	L1 AR-1016-2	4.515	3.884	223.0E6	233.1E6	468.935	474.591
5)	L1 AR-1016-3	4.573	4.046	135.6E6	128.7E6	454.470	463.078
6)	L1 AR-1016-4	4.663	4.095	107.6E6	102.8E6	438.246	458.316
7)	L1 AR-1016-5	4.948	4.292	107.7E6	124.3E6	455.620	446.321
31)	L7 AR-1260-1	6.042	5.293	229.6E6	262.1E6	512.966	525.269
32)	L7 AR-1260-2	6.299	5.482	284.1E6	332.3E6	556.064	547.928
33)	L7 AR-1260-3	6.652	5.625	177.9E6	304.8E6	464.744	515.525
34)	L7 AR-1260-4	6.867	6.089	198.4E6	225.0E6	474.489	454.160
35)	L7 AR-1260-5	7.174	6.333	387.8E6	517.9E6	466.019	450.984

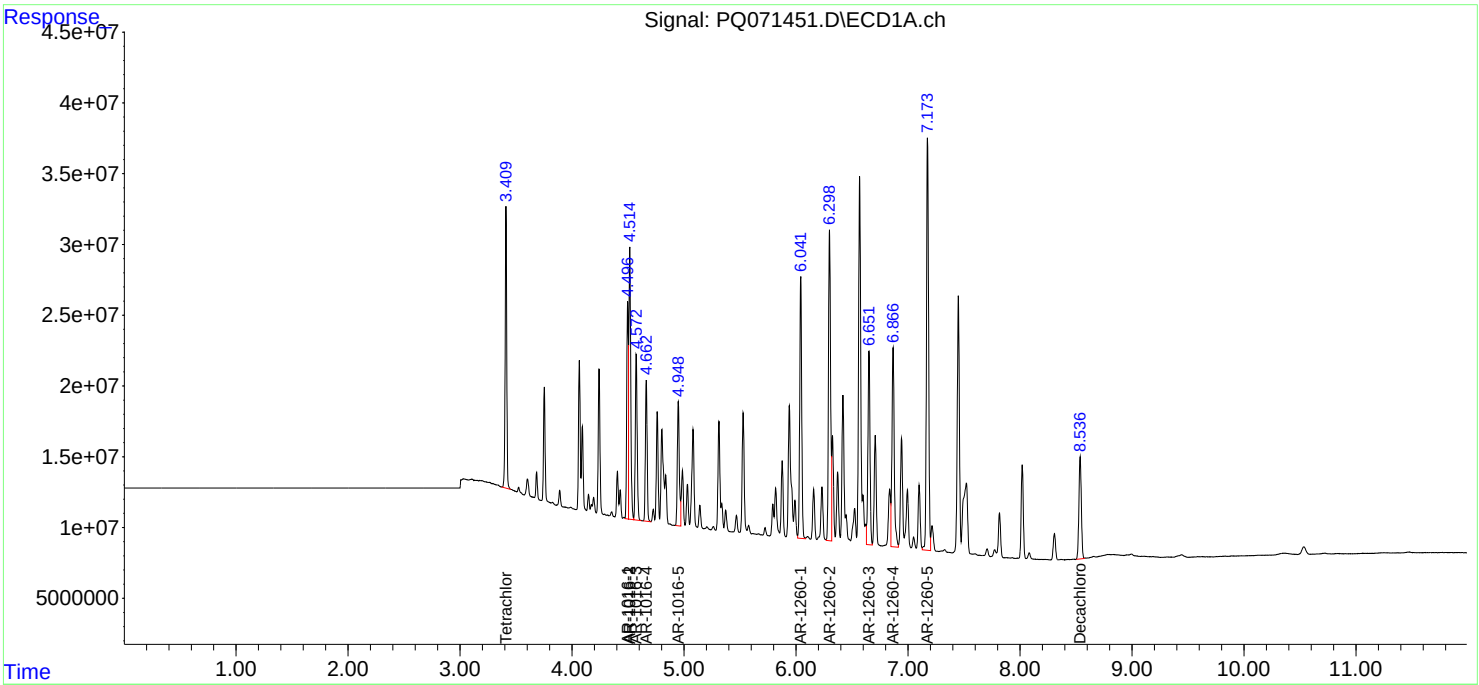
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

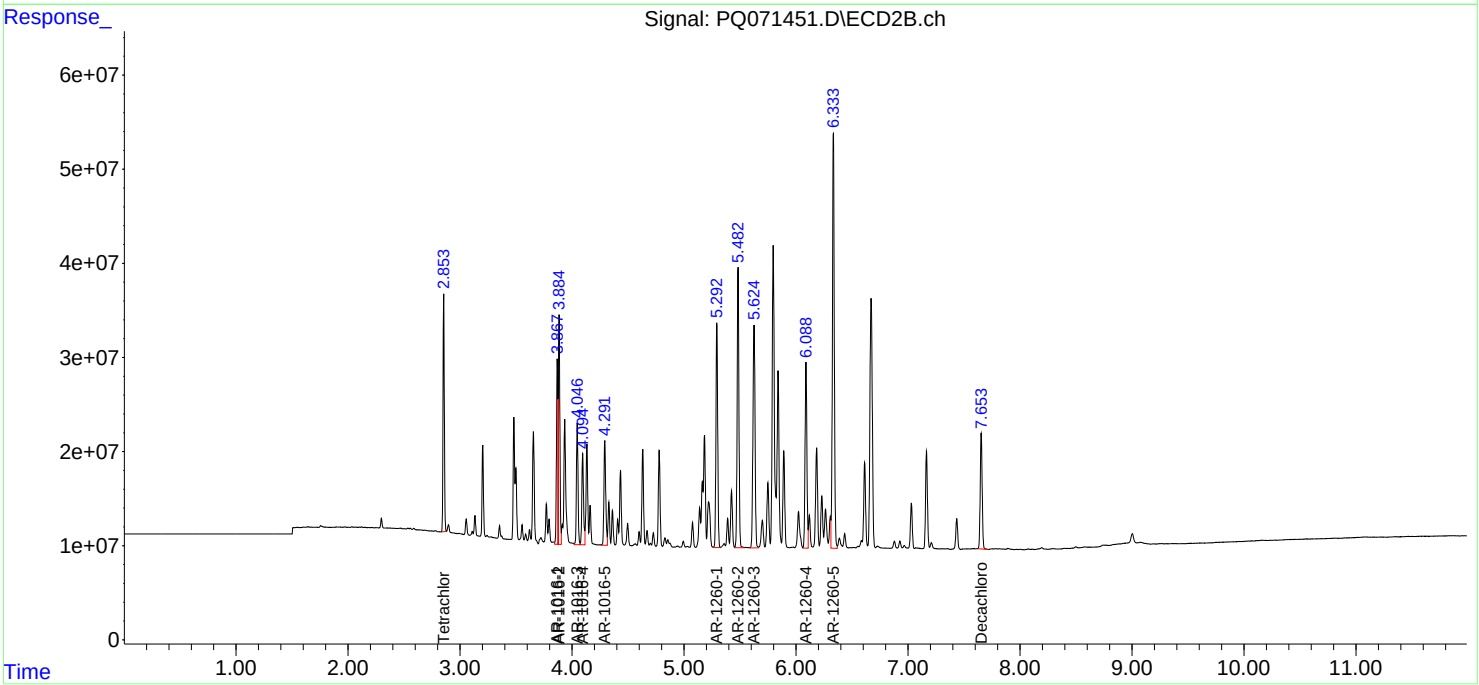
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:03
Operator : YP\AJ
Sample : Q3693-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

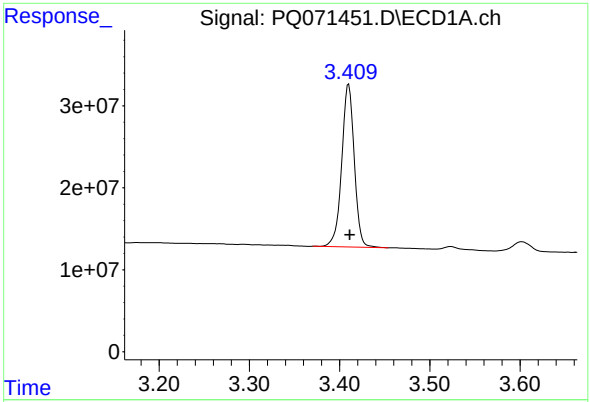
Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:55:35 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



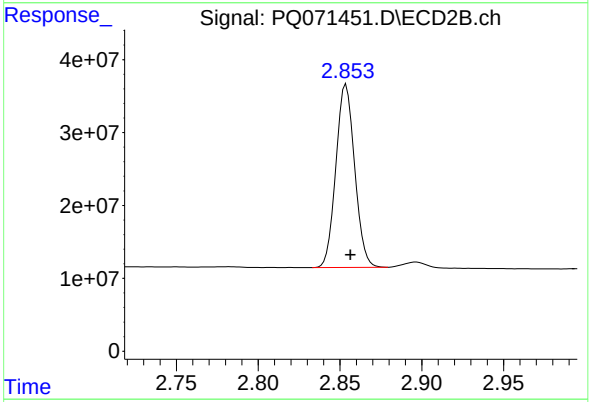




#1 Tetrachloro-m-xylene

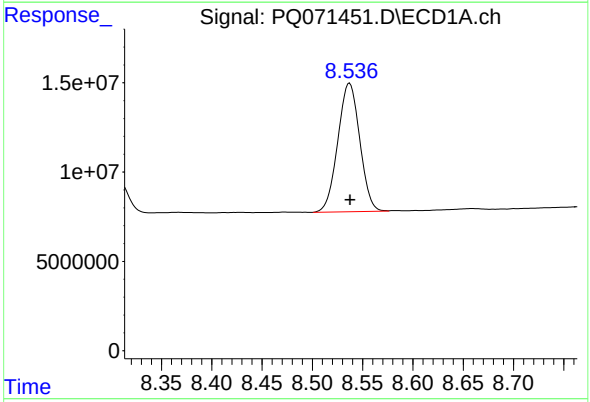
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 191998804
Conc: 22.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



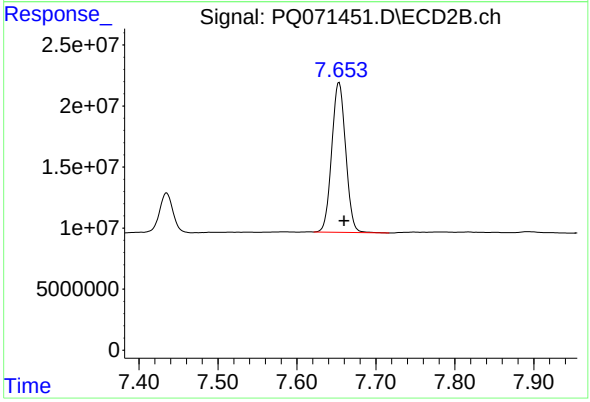
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 199978773
Conc: 21.42 ng/ml



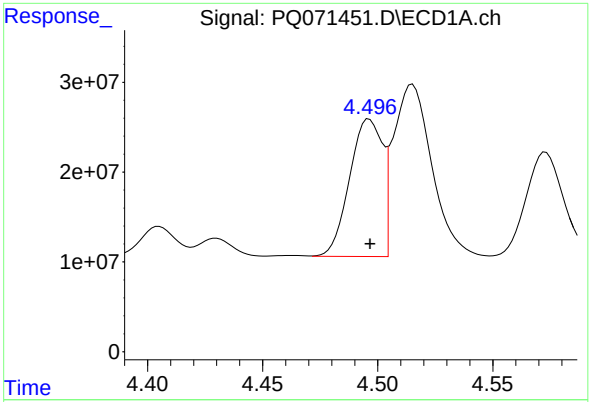
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 109397117
Conc: 17.47 ng/ml



#2 Decachlorobiphenyl

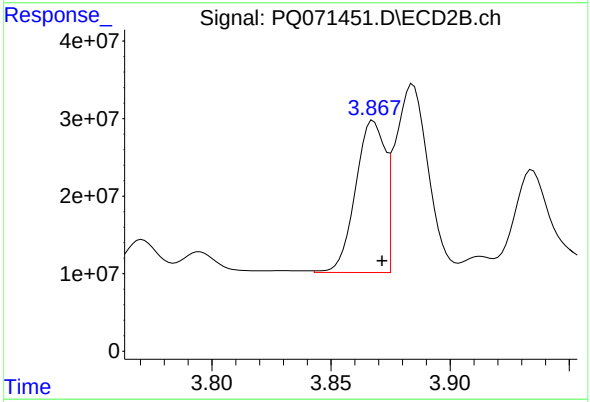
R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 150333804
Conc: 16.45 ng/ml



#3 AR-1016-1

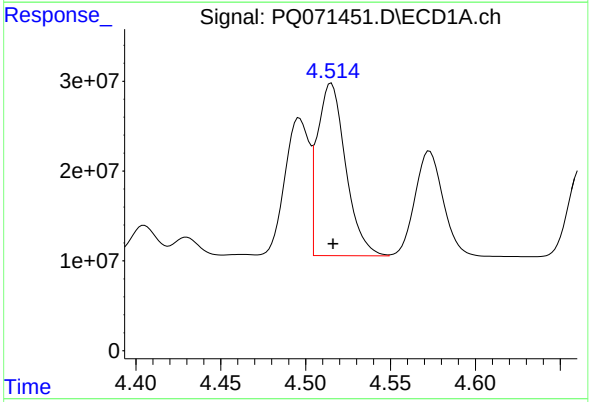
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 152239365
Conc: 460.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



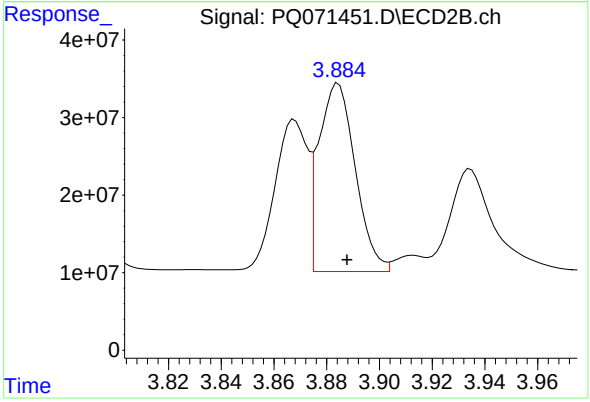
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.004 min
Response: 168711895
Conc: 465.90 ng/ml



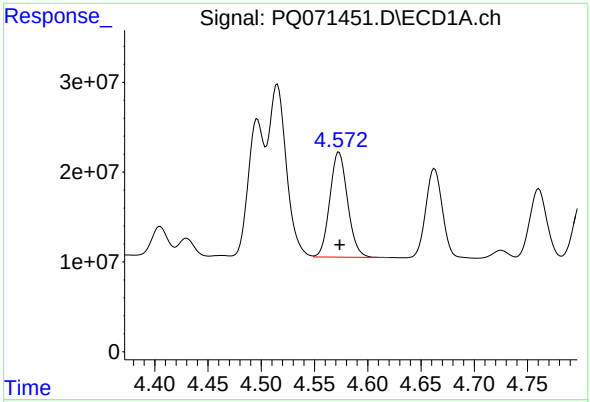
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 223034651
Conc: 468.93 ng/ml



#4 AR-1016-2

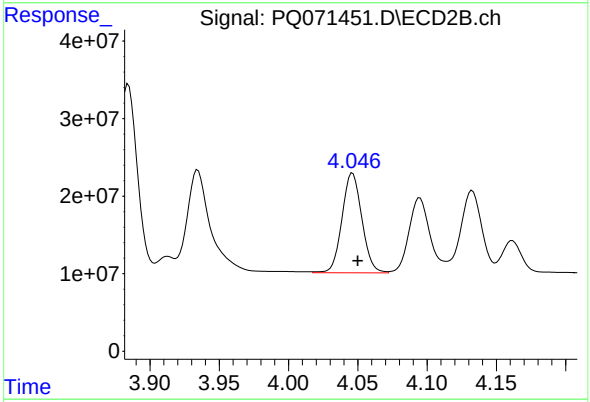
R.T.: 3.884 min
Delta R.T.: -0.003 min
Response: 233110877
Conc: 474.59 ng/ml



#5 AR-1016-3

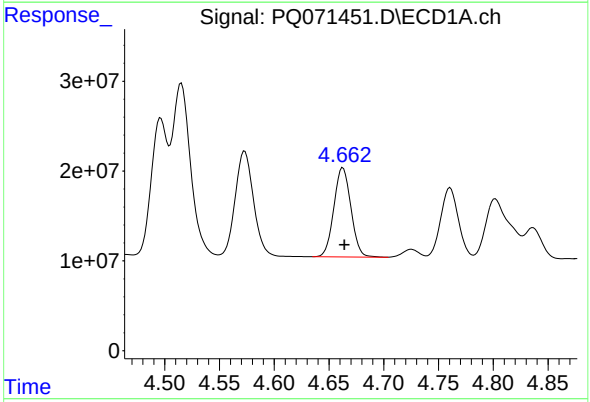
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 135640318
Conc: 454.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



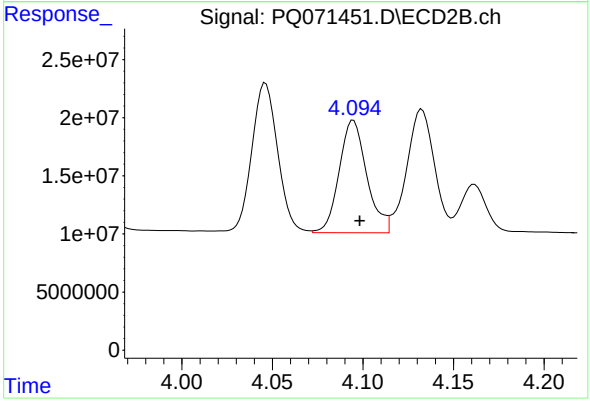
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 128731814
Conc: 463.08 ng/ml



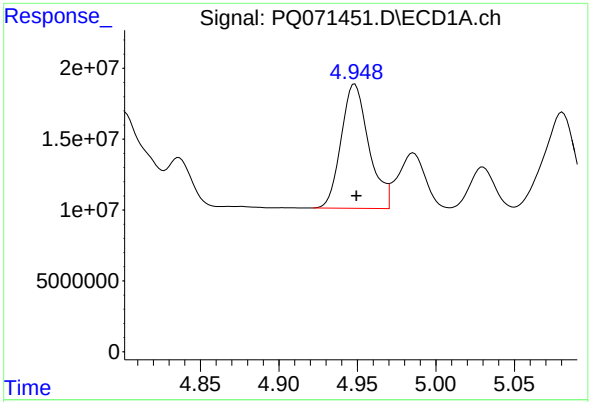
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 107609933
Conc: 438.25 ng/ml



#6 AR-1016-4

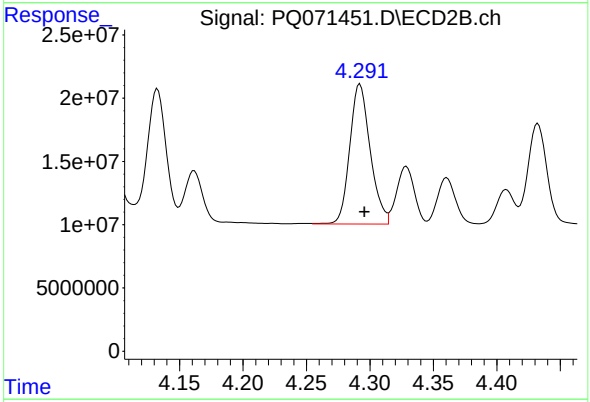
R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 102776494
Conc: 458.32 ng/ml



#7 AR-1016-5

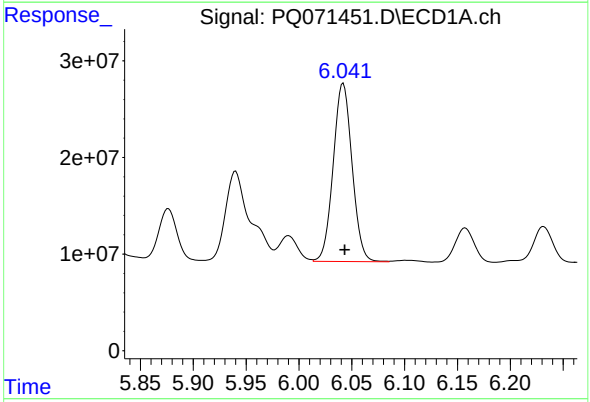
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 107715358
Conc: 455.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



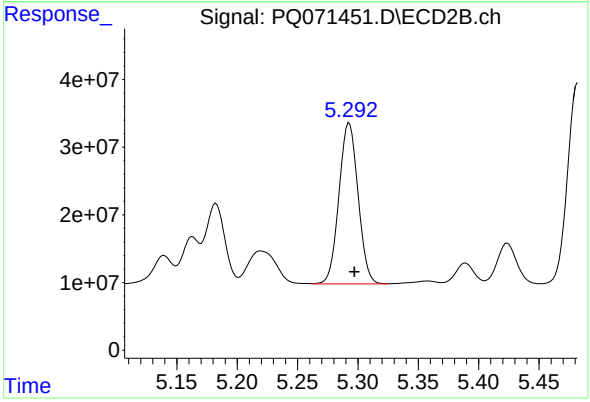
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 124330725
Conc: 446.32 ng/ml



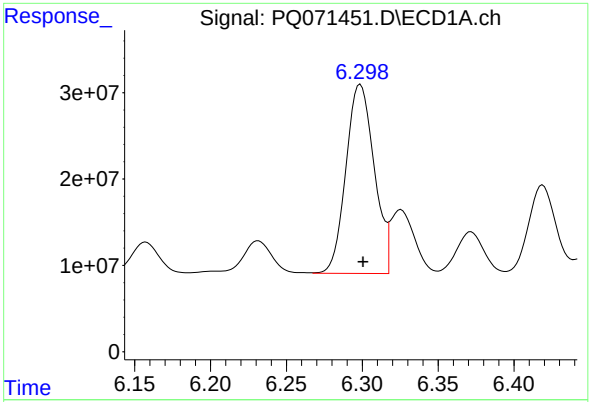
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 229550827
Conc: 512.97 ng/ml



#31 AR-1260-1

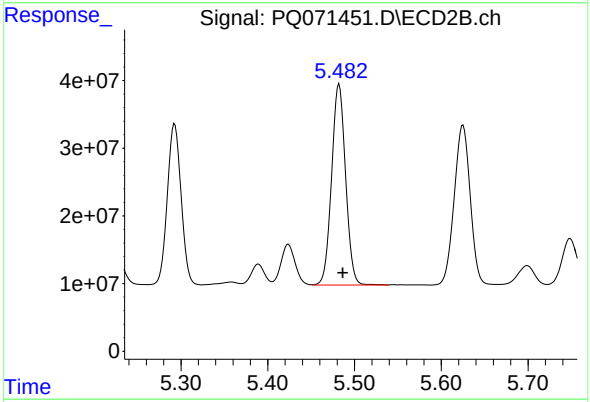
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 262070745
Conc: 525.27 ng/ml



#32 AR-1260-2

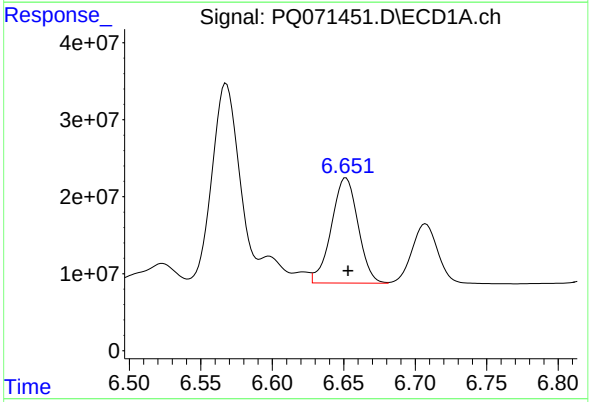
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 284100693
Conc: 556.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



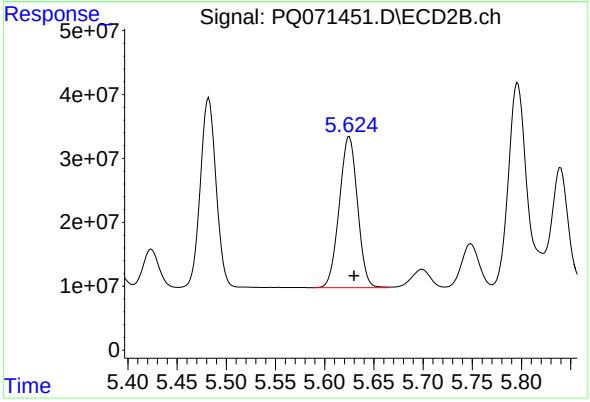
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 332250136
Conc: 547.93 ng/ml



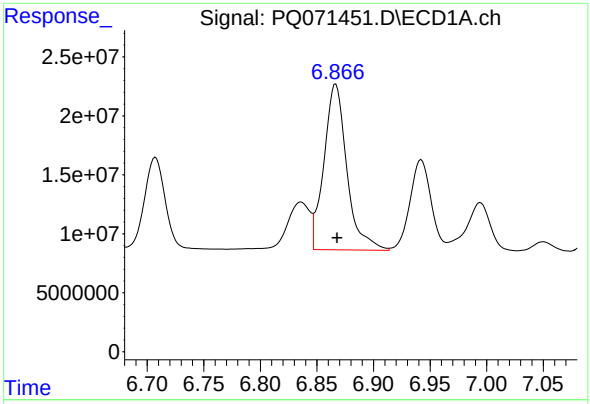
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 177873094
Conc: 464.74 ng/ml



#33 AR-1260-3

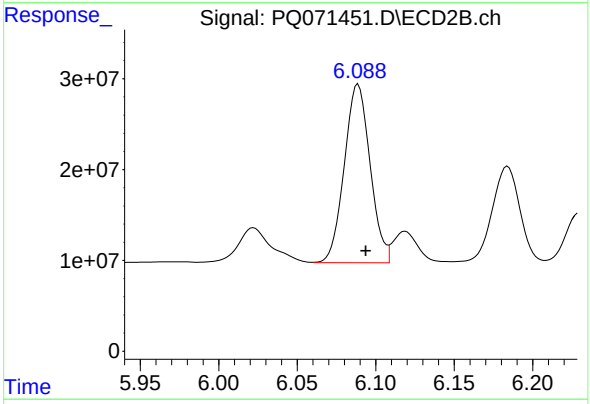
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 304770376
Conc: 515.53 ng/ml



#34 AR-1260-4

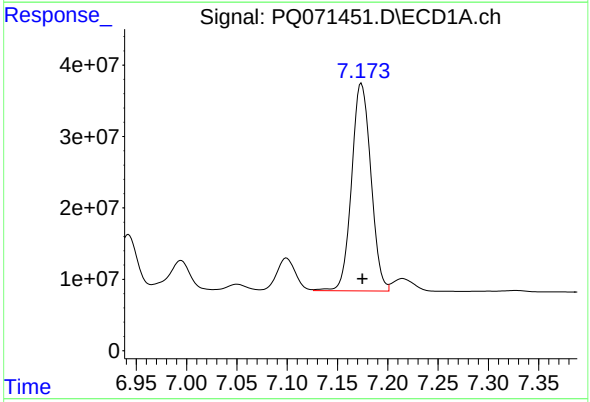
R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 198404962
Conc: 474.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



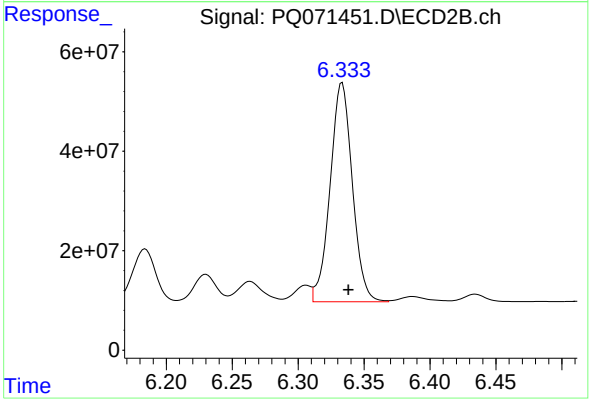
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 224981462
Conc: 454.16 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 387838483
Conc: 466.02 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 517858541
Conc: 450.98 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:	11/18/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	C0AJ7MSD	SDG No.:	Q3693
Lab Sample ID:	Q3693-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.8
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	192		1	4.70	20.3	ug/kg	11/21/25 20:18	PB170682
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/21/25 20:18	PB170682
11141-16-5	Aroclor-1232	20.3	U	1	4.40	20.3	ug/kg	11/21/25 20:18	PB170682
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/21/25 20:18	PB170682
12672-29-6	Aroclor-1248	20.3	U	1	7.10	20.3	ug/kg	11/21/25 20:18	PB170682
11097-69-1	Aroclor-1254	20.3	U	1	3.80	20.3	ug/kg	11/21/25 20:18	PB170682
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/21/25 20:18	PB170682
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/21/25 20:18	PB170682
11096-82-5	Aroclor-1260	221		1	3.90	20.3	ug/kg	11/21/25 20:18	PB170682
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.1			21 - 165	105%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.3			10 - 170	86%	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\PQ112125\
Data File : PQ071452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:18
Operator : YP\AJ
Sample : Q3693-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:56:00 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	183.3E6	190.2E6	21.058	20.375
2)	SA Decachlor...	8.536	7.653	108.0E6	149.0E6	17.250	16.311
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.868	156.3E6	173.9E6	472.756	480.308
4)	L1 AR-1016-2	4.515	3.884	230.0E6	242.0E6	483.597	492.764
5)	L1 AR-1016-3	4.573	4.046	139.3E6	133.4E6	466.724	480.022
6)	L1 AR-1016-4	4.662	4.095	111.7E6	110.4E6	454.743	492.304
7)	L1 AR-1016-5	4.948	4.292	111.3E6	130.8E6	470.854	469.414
31)	L7 AR-1260-1	6.042	5.293	258.2E6	299.8E6	577.081	600.931
32)	L7 AR-1260-2	6.299	5.482	315.5E6	371.2E6	617.618	612.168
33)	L7 AR-1260-3	6.651	5.625	193.7E6	343.9E6	506.124	581.746
34)	L7 AR-1260-4	6.866	6.088	215.3E6	246.3E6	514.939	497.142
35)	L7 AR-1260-5	7.173	6.333	417.5E6	560.2E6	501.667	487.859

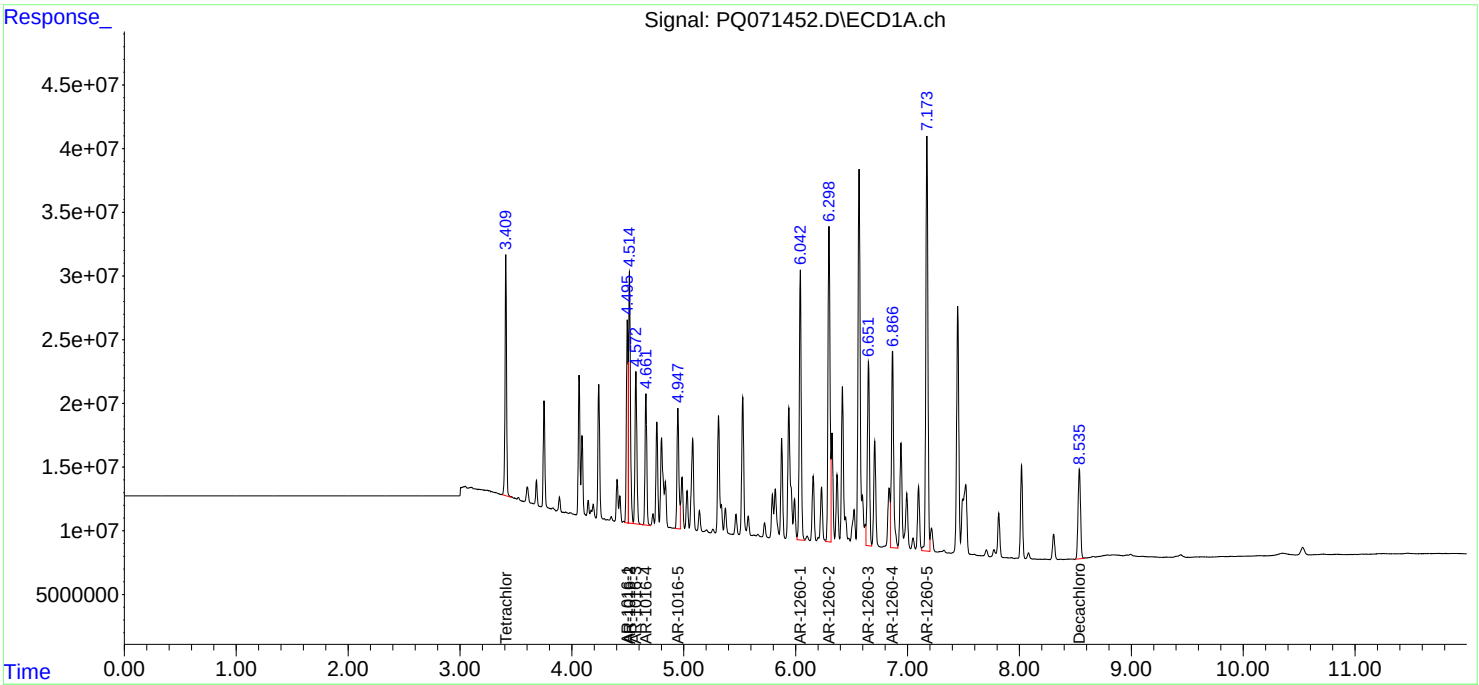
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

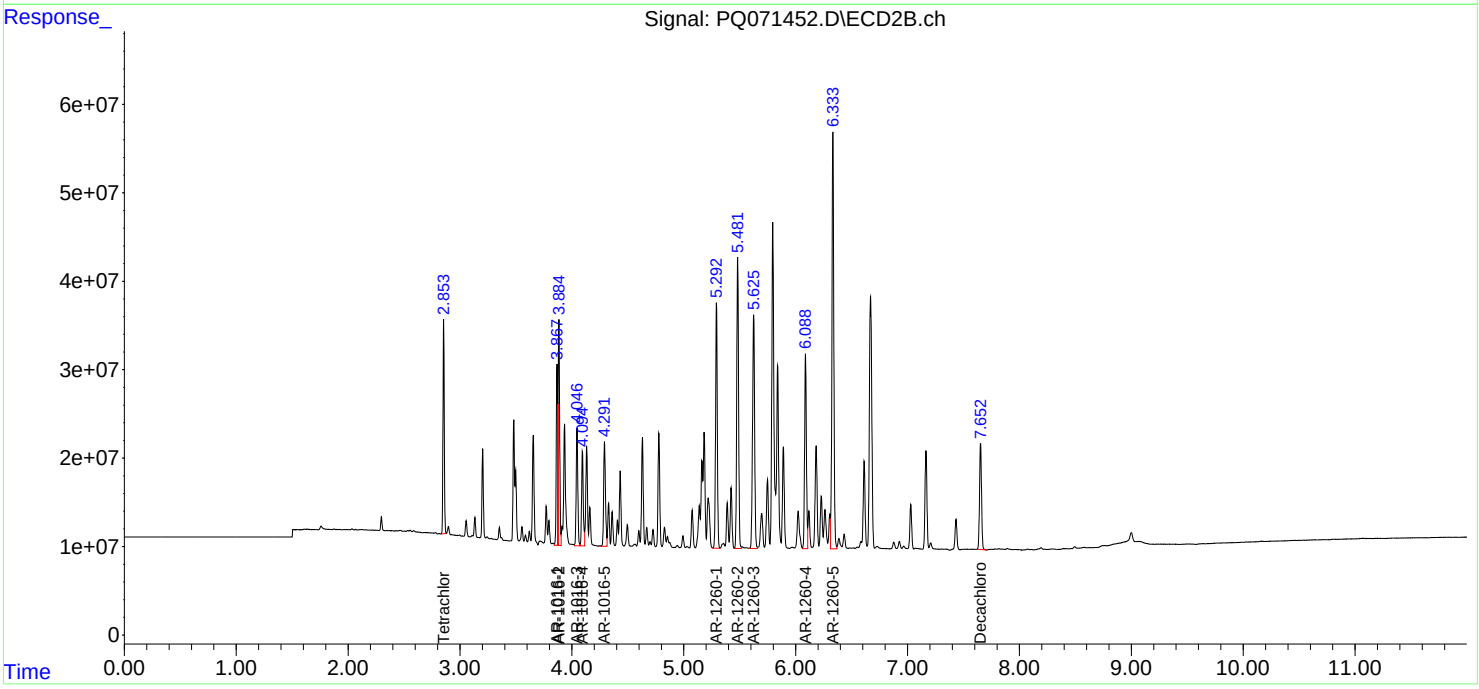
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:18
Operator : YP\AJ
Sample : Q3693-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

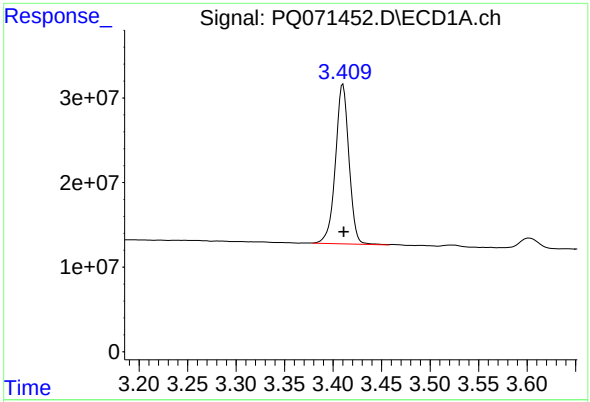
Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:56:00 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



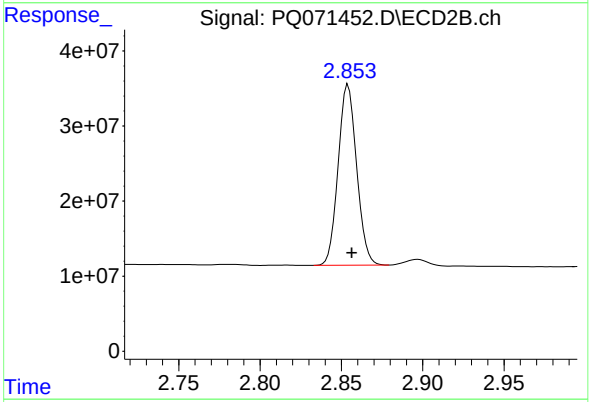




#1 Tetrachloro-m-xylene

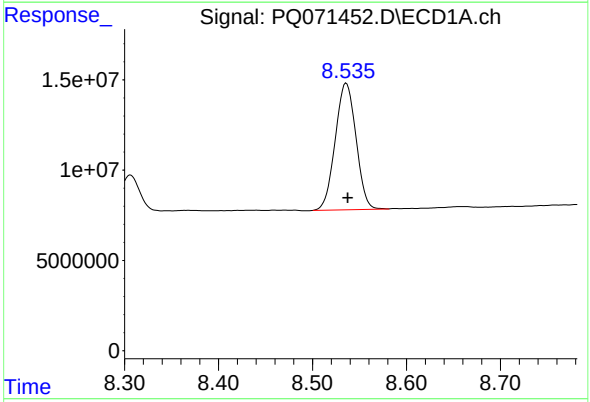
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 183315223
Conc: 21.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



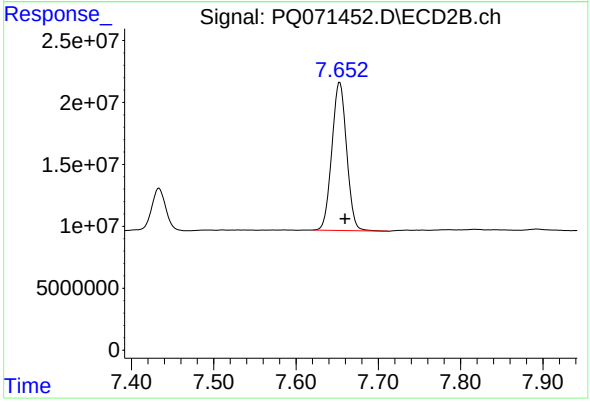
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 190236358
Conc: 20.38 ng/ml



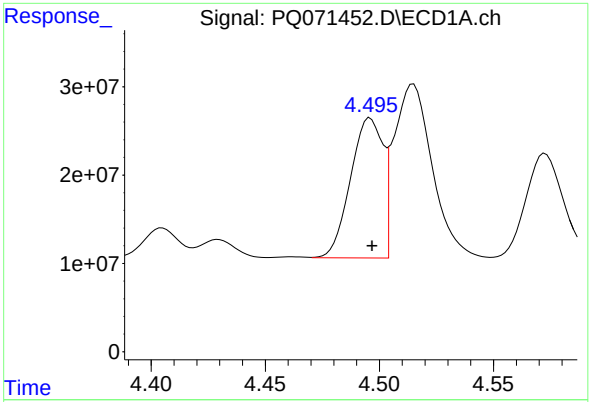
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 108009525
Conc: 17.25 ng/ml



#2 Decachlorobiphenyl

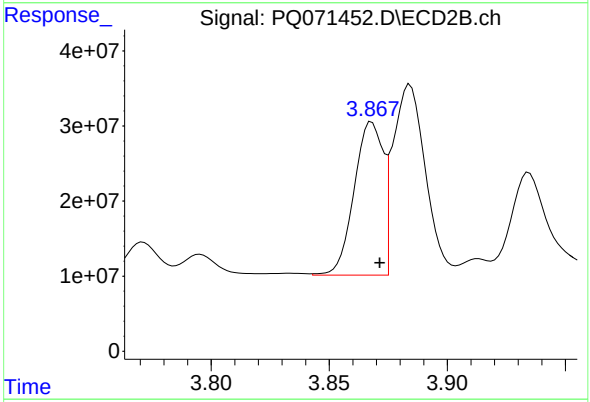
R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 149046580
Conc: 16.31 ng/ml



#3 AR-1016-1

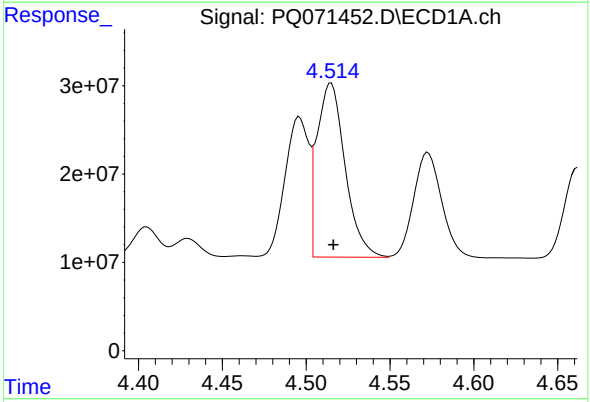
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 156269430
Conc: 472.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



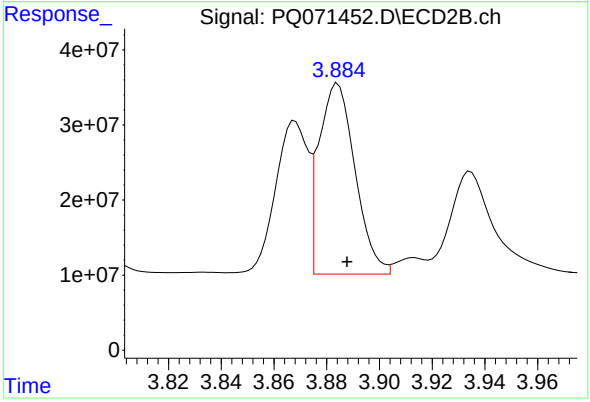
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 173930648
Conc: 480.31 ng/ml



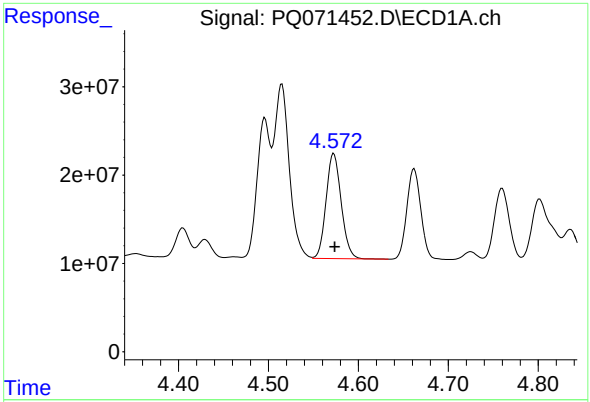
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 230008297
Conc: 483.60 ng/ml



#4 AR-1016-2

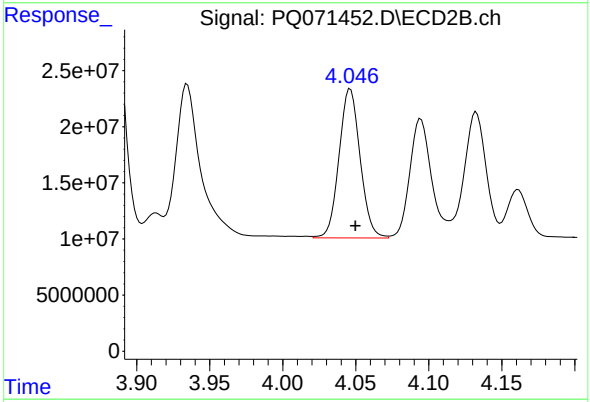
R.T.: 3.884 min
Delta R.T.: -0.004 min
Response: 242037207
Conc: 492.76 ng/ml



#5 AR-1016-3

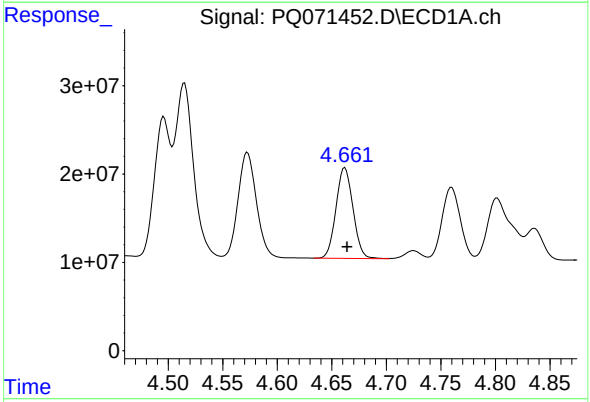
R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 139297814
Conc: 466.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



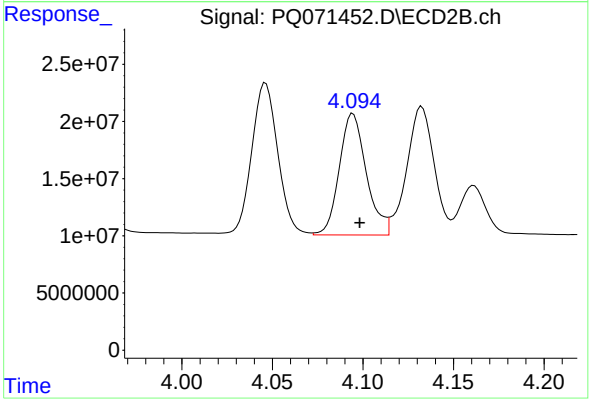
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 133442198
Conc: 480.02 ng/ml



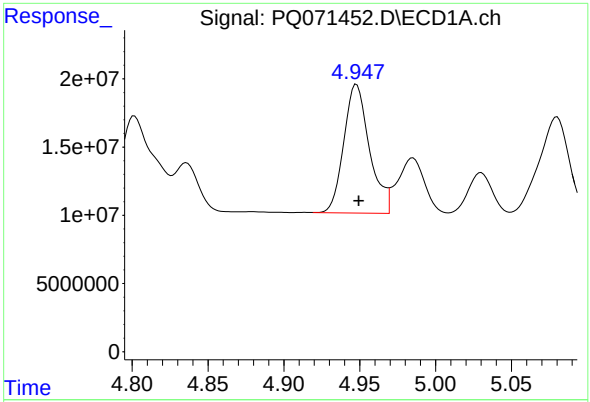
#6 AR-1016-4

R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 111660807
Conc: 454.74 ng/ml



#6 AR-1016-4

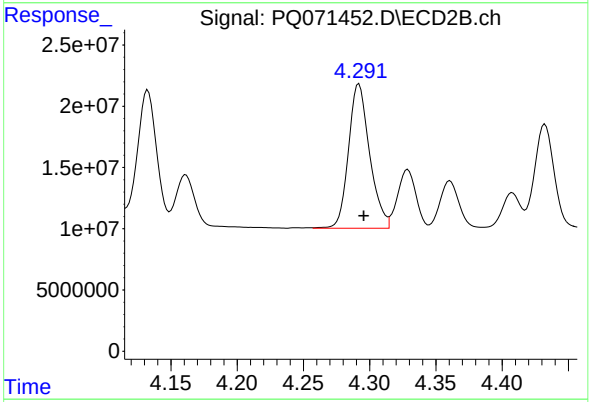
R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 110398180
Conc: 492.30 ng/ml



#7 AR-1016-5

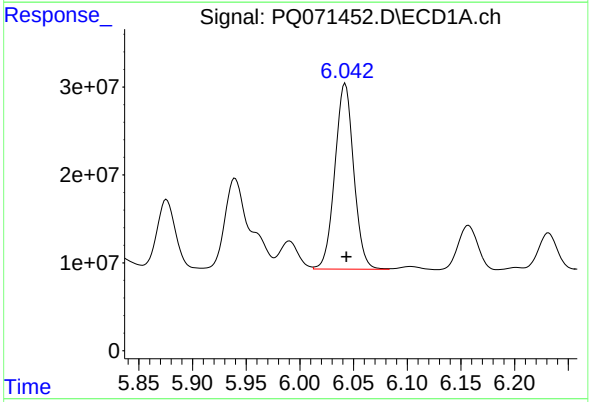
R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 111316837
Conc: 470.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



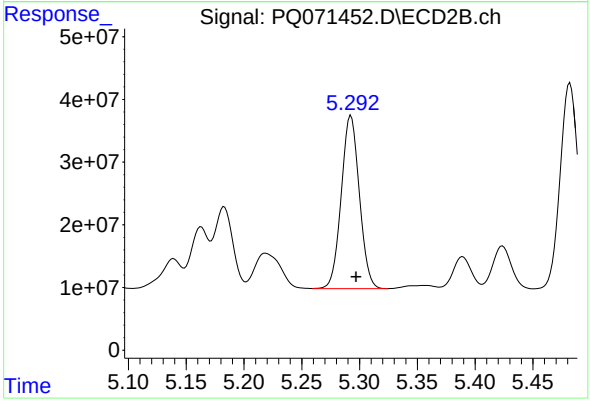
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 130763802
Conc: 469.41 ng/ml



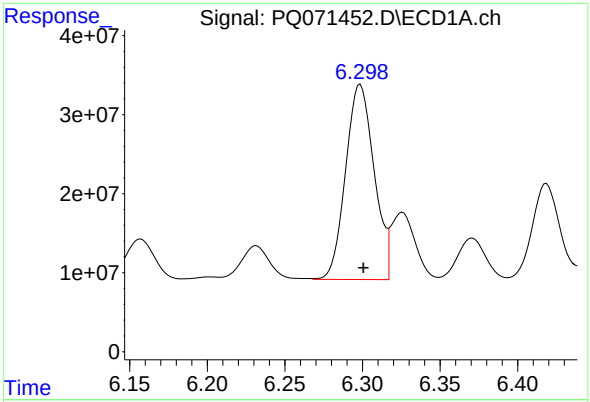
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 258241905
Conc: 577.08 ng/ml



#31 AR-1260-1

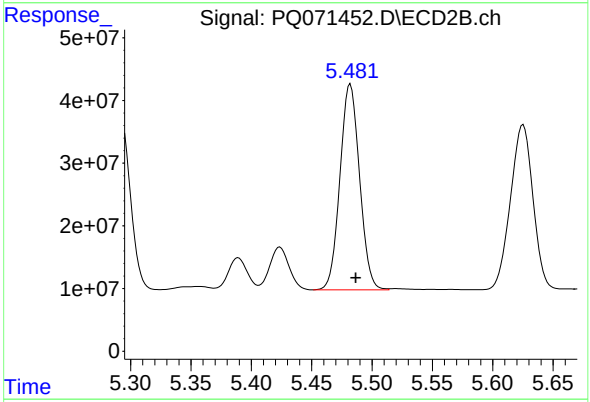
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 299820581
Conc: 600.93 ng/ml



#32 AR-1260-2

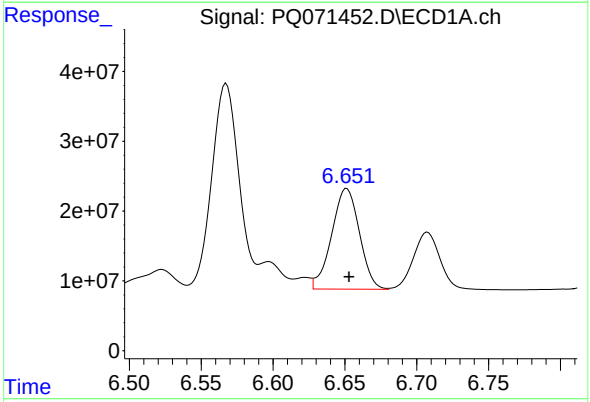
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 315549615
Conc: 617.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



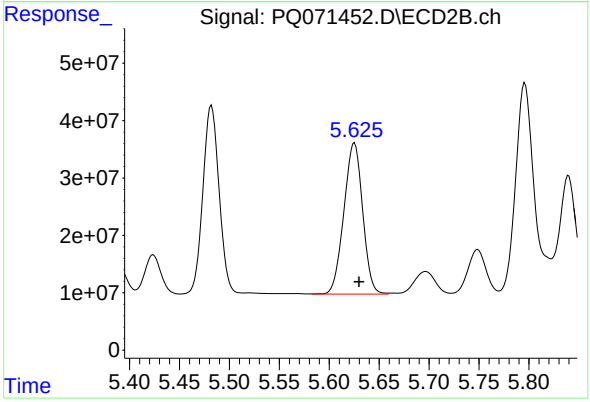
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 371203952
Conc: 612.17 ng/ml



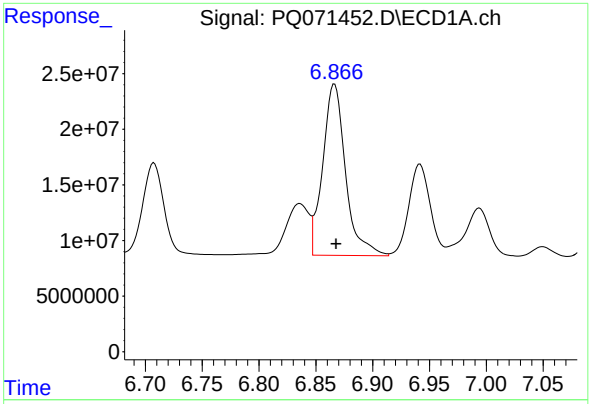
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 193710925
Conc: 506.12 ng/ml



#33 AR-1260-3

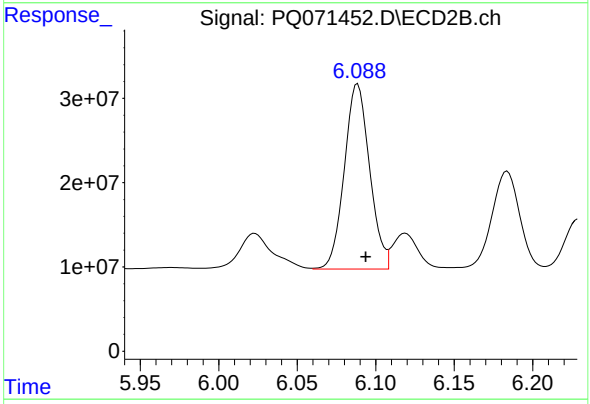
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 343918879
Conc: 581.75 ng/ml



#34 AR-1260-4

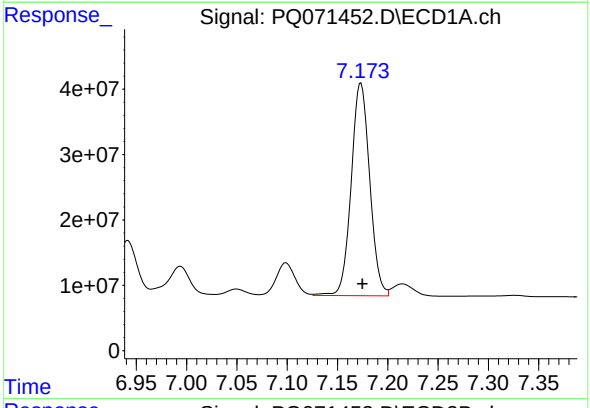
R.T.: 6.866 min
Delta R.T.: -0.001 min
Response: 215319125
Conc: 514.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



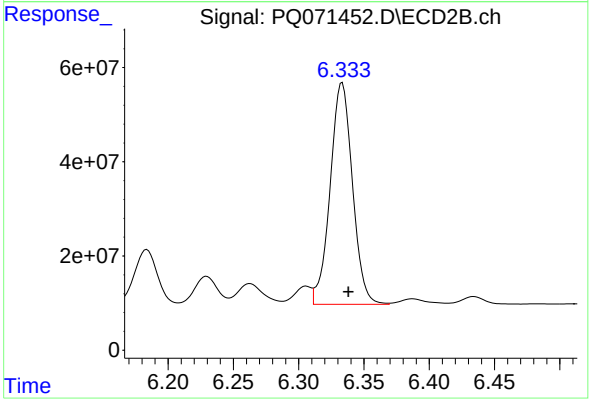
#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 246273623
Conc: 497.14 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 417506049
Conc: 501.67 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 560201985
Conc: 487.86 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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Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO115312.D	AR-1254-1	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-1 #2	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-2	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-2 #2	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-3	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-4	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	AR-1254-5	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115312.D	Decachlorobiphenyl	rahul	11/26/2025 9:41:43 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115325.D	Decachlorobiphenyl #2	rahul	11/26/2025 9:41:46 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-1	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-1 #2	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-2	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-2 #2	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software

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Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO115327.D	AR-1254-3	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-4	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115327.D	AR-1254-5	rahul	11/26/2025 9:41:50 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3693-11	PO115332.D	AR-1260-4	rahul	11/25/2025 12:59:23 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
Q3693-12	PO115333.D	AR-1260-4	rahul	11/25/2025 12:59:25 PM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115341.D	AR-1242-4	rahul	11/26/2025 9:41:52 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1242CCC500	PO115341.D	Decachlorobiphenyl #2	rahul	11/26/2025 9:41:52 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1248CCC500	PO115342.D	Decachlorobiphenyl #2	rahul	11/26/2025 9:41:54 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-1	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-1 #2	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-2	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-2 #2	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-3	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software

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Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO115343.D	AR-1254-3 #2	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-4	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115343.D	AR-1254-5	rahul	11/26/2025 9:41:58 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
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
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

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Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO115358.D	AR-1254-3	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115358.D	AR-1254-3 #2	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115358.D	AR-1254-4	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
AR1254CCC500	PO115358.D	AR-1254-5	rahul	11/26/2025 9:42:09 AM	mohammad	11/27/2025 12:19:53	Peak Integrated by Software
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

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Manual Integration Report

Sequence:	PO112125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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
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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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

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

Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071418.D	AR-1016-2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1016-3 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1016-4 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1016-5 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1260-1 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1260-2 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1260-3 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1016-3 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1016-4 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1016-5 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1260-1 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1260-2 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1260-3 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software

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Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071442.D	AR-1016-3 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1016-4 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1016-5 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1260-1 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1260-2 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1260-3 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071454.D	AR-1260-1 #2	rahul	11/25/2025 10:26:38 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071454.D	AR-1260-2 #2	rahul	11/25/2025 10:26:38 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071454.D	AR-1260-3 #2	rahul	11/25/2025 10:26:38 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3693-03	PQ071458.D	AR-1260-1 #2	rahul	11/26/2025 4:55:00 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3693-03	PQ071458.D	AR-1260-2	rahul	11/26/2025 4:55:00 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3693-03	PQ071458.D	AR-1260-2 #2	rahul	11/26/2025 4:55:00 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3693-03	PQ071458.D	AR-1260-3	rahul	11/26/2025 4:55:00 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software

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Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3693-03	PQ071458.D	AR-1260-3 #2	rahul	11/26/2025 4:55:00 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3693-03	PQ071458.D	AR-1260-4	rahul	11/26/2025 4:55:00 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3693-03	PQ071458.D	AR-1260-4 #2	rahul	11/26/2025 4:55:00 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3693-03	PQ071458.D	AR-1260-5 #2	rahul	11/26/2025 4:55:00 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1016-1 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1016-2 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1016-3 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1016-4 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1016-5 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1260-1 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1260-2 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1260-3 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071471.D	AR-1260-1 #2	rahul	11/25/2025 10:26:46 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software

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Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071471.D	AR-1260-2	rahul	11/25/2025 10:26:46 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071471.D	AR-1260-2 #2	rahul	11/25/2025 10:26:46 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071471.D	AR-1260-3 #2	rahul	11/25/2025 10:26:46 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software

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Manual Integration Report

Sequence:	PQ112525	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114869.D	04 Nov 2025 09:03	YP/AJ	Ok
2	I.BLK	PO114870.D	04 Nov 2025 09:21	YP/AJ	Ok
3	AR1660ICC1000	PO114871.D	04 Nov 2025 09:39	YP/AJ	Ok
4	AR1660ICC750	PO114872.D	04 Nov 2025 09:58	YP/AJ	Ok
5	AR1660ICC500	PO114873.D	04 Nov 2025 10:16	YP/AJ	Ok
6	AR1660ICC250	PO114874.D	04 Nov 2025 10:34	YP/AJ	Ok,M
7	AR1660ICC050	PO114875.D	04 Nov 2025 10:53	YP/AJ	Ok,M
8	AR1221ICC500	PO114876.D	04 Nov 2025 11:11	YP/AJ	Ok
9	AR1232ICC500	PO114877.D	04 Nov 2025 11:30	YP/AJ	Ok
10	AR1242ICC1000	PO114878.D	04 Nov 2025 11:48	YP/AJ	Ok
11	AR1242ICC750	PO114879.D	04 Nov 2025 12:06	YP/AJ	Ok
12	AR1242ICC500	PO114880.D	04 Nov 2025 12:25	YP/AJ	Ok
13	AR1242ICC250	PO114881.D	04 Nov 2025 12:42	YP/AJ	Ok
14	AR1242ICC050	PO114882.D	04 Nov 2025 13:00	YP/AJ	Ok,M
15	AR1248ICC1000	PO114883.D	04 Nov 2025 13:19	YP/AJ	Ok
16	AR1248ICC750	PO114884.D	04 Nov 2025 13:37	YP/AJ	Ok
17	AR1248ICC500	PO114885.D	04 Nov 2025 13:56	YP/AJ	Ok
18	AR1248ICC250	PO114886.D	04 Nov 2025 14:14	YP/AJ	Ok
19	AR1248ICC050	PO114887.D	04 Nov 2025 14:33	YP/AJ	Ok
20	AR1254ICC1000	PO114888.D	04 Nov 2025 14:51	YP/AJ	Ok
21	AR1254ICC750	PO114889.D	04 Nov 2025 15:09	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110425

Review By	yogesh	Review On	11/4/2025 12:15:43 PM		
Supervise By	rahul	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PO110425	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO114890.D	04 Nov 2025 15:28	YP/AJ	Ok
23	AR1254ICC250	PO114891.D	04 Nov 2025 16:04	YP/AJ	Ok
24	AR1254ICC050	PO114892.D	04 Nov 2025 16:23	YP/AJ	Ok,M
25	AR1262ICC500	PO114893.D	04 Nov 2025 17:00	YP/AJ	Ok
26	AR1268ICC1000	PO114894.D	04 Nov 2025 17:18	YP/AJ	Ok
27	AR1268ICC750	PO114895.D	04 Nov 2025 17:36	YP/AJ	Ok
28	AR1268ICC500	PO114896.D	04 Nov 2025 17:55	YP/AJ	Ok
29	AR1268ICC250	PO114897.D	04 Nov 2025 18:13	YP/AJ	Ok,M
30	AR1268ICC050	PO114898.D	04 Nov 2025 18:31	YP/AJ	Ok
31	PO110425ICV500	PO114899.D	04 Nov 2025 19:08	YP/AJ	Ok
32	AR1242ICV500	PO114900.D	04 Nov 2025 20:21	YP/AJ	Ok,M
33	AR1248ICV500	PO114901.D	04 Nov 2025 20:58	YP/AJ	Ok
34	AR1254ICV500	PO114902.D	04 Nov 2025 21:35	YP/AJ	Ok
35	AR1268ICV500	PO114903.D	04 Nov 2025 22:12	YP/AJ	Ok
36	DDT ANALOG	PO114904.D	04 Nov 2025 22:48	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112125

Review By	rahul	Review On	11/21/2025 11:49:41 AM		
Supervise By	mohammad	Supervise On	11/27/2025 12:19:53 AM		
SubDirectory	PO112125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO115308.D	21 Nov 2025 08:38	YP/AJ	Ok
2	AR1660CCC500	PO115309.D	21 Nov 2025 08:57	YP/AJ	Ok
3	AR1242CCC500	PO115310.D	21 Nov 2025 09:22	YP/AJ	Ok
4	AR1248CCC500	PO115311.D	21 Nov 2025 09:40	YP/AJ	Ok
5	AR1254CCC500	PO115312.D	21 Nov 2025 09:59	YP/AJ	Ok,M
6	AR1268CCC500	PO115313.D	21 Nov 2025 10:17	YP/AJ	Ok
7	I.BLK	PO115314.D	21 Nov 2025 10:35	YP/AJ	Ok
8	Q3666-02RE	PO115315.D	21 Nov 2025 11:10	YP/AJ	Confirms
9	Q3673-05DL	PO115316.D	21 Nov 2025 11:28	YP/AJ	Ok,M
10	Q3673-06DL	PO115317.D	21 Nov 2025 11:47	YP/AJ	Ok,M
11	Q3673-07DL2	PO115318.D	21 Nov 2025 12:05	YP/AJ	Ok,M
12	Q3697-01	PO115319.D	21 Nov 2025 12:23	YP/AJ	Ok,M
13	Q3697-02	PO115320.D	21 Nov 2025 12:42	YP/AJ	Ok
14	Q3697-03	PO115321.D	21 Nov 2025 13:00	YP/AJ	Ok
15	Q3699-01	PO115322.D	21 Nov 2025 13:19	YP/AJ	Ok
16	Q3699-03	PO115323.D	21 Nov 2025 13:37	YP/AJ	Ok,M
17	AR1660CCC500	PO115324.D	21 Nov 2025 14:32	YP/AJ	Ok
18	AR1242CCC500	PO115325.D	21 Nov 2025 14:51	YP/AJ	Ok,M
19	AR1248CCC500	PO115326.D	21 Nov 2025 15:09	YP/AJ	Ok
20	AR1254CCC500	PO115327.D	21 Nov 2025 15:27	YP/AJ	Ok,M
21	AR1268CCC500	PO115328.D	21 Nov 2025 15:46	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112125

Review By	rahul	Review On	11/21/2025 11:49:41 AM		
Supervise By	mohammad	Supervise On	11/27/2025 12:19:53 AM		
SubDirectory	PO112125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	I.BLK	PO115329.D	21 Nov 2025 16:04	YP/AJ	Ok
23	PB170688BL	PO115330.D	21 Nov 2025 16:22	YP/AJ	Ok
24	PB170688BS	PO115331.D	21 Nov 2025 16:41	YP/AJ	Ok,M
25	Q3693-11	PO115332.D	21 Nov 2025 16:59	YP/AJ	Ok,M
26	Q3693-12	PO115333.D	21 Nov 2025 17:18	YP/AJ	Ok,M
27	Q3693-13	PO115334.D	21 Nov 2025 17:36	YP/AJ	Ok
28	Q3693-14	PO115335.D	21 Nov 2025 17:54	YP/AJ	Ok
29	Q3694-01	PO115336.D	21 Nov 2025 18:13	YP/AJ	Dilution
30	Q3694-01MS	PO115337.D	21 Nov 2025 18:31	YP/AJ	Not Ok
31	Q3694-01MSD	PO115338.D	21 Nov 2025 18:50	YP/AJ	Not Ok
32	Q3694-02	PO115339.D	21 Nov 2025 19:08	YP/AJ	Dilution
33	AR1660CCC500	PO115340.D	21 Nov 2025 20:22	YP/AJ	Ok
34	AR1242CCC500	PO115341.D	21 Nov 2025 21:17	YP/AJ	Ok,M
35	AR1248CCC500	PO115342.D	21 Nov 2025 21:35	YP/AJ	Ok,M
36	AR1254CCC500	PO115343.D	21 Nov 2025 21:53	YP/AJ	Ok,M
37	I.BLK	PO115344.D	21 Nov 2025 22:12	YP/AJ	Ok
38	Q3694-03	PO115345.D	21 Nov 2025 22:30	YP/AJ	Ok
39	Q3694-04	PO115346.D	21 Nov 2025 22:49	YP/AJ	Ok,M
40	Q3694-05	PO115347.D	21 Nov 2025 23:07	YP/AJ	Ok
41	Q3694-06	PO115348.D	21 Nov 2025 23:26	YP/AJ	Ok
42	Q3694-07	PO115349.D	21 Nov 2025 23:44	YP/AJ	Ok,M
43	Q3694-08	PO115350.D	22 Nov 2025 00:02	YP/AJ	Ok,M
44	Q3694-09	PO115351.D	22 Nov 2025 00:21	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112125

Review By	rahul	Review On	11/21/2025 11:49:41 AM		
Supervise By	mohammad	Supervise On	11/27/2025 12:19:53 AM		
SubDirectory	PO112125	HP Acquire Method		HP Processing Method	PO110425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q3694-10	PO115352.D	22 Nov 2025 00:39	YP/AJ	Ok,M
46	Q3694-11	PO115353.D	22 Nov 2025 00:58	YP/AJ	Ok,M
47	Q3694-12	PO115354.D	22 Nov 2025 01:16	YP/AJ	Dilution
48	AR1660CCC500	PO115355.D	22 Nov 2025 02:30	YP/AJ	Ok,M
49	AR1242CCC500	PO115356.D	22 Nov 2025 03:25	YP/AJ	Ok,M
50	AR1248CCC500	PO115357.D	22 Nov 2025 03:43	YP/AJ	Ok
51	AR1254CCC500	PO115358.D	22 Nov 2025 04:02	YP/AJ	Not Ok
52	I.BLK	PO115359.D	22 Nov 2025 04:20	YP/AJ	Ok
53	Q3694-13	PO115360.D	22 Nov 2025 04:39	YP/AJ	Ok
54	Q3694-14	PO115361.D	22 Nov 2025 04:57	YP/AJ	Ok,M
55	Q3694-15	PO115362.D	22 Nov 2025 05:15	YP/AJ	Ok,M
56	Q3694-16	PO115363.D	22 Nov 2025 05:34	YP/AJ	Ok
57	Q3673-07DL	PO115364.D	22 Nov 2025 05:52	YP/AJ	Not Ok
58	AR1660CCC500	PO115365.D	22 Nov 2025 07:06	YP/AJ	Ok,M
59	AR1242CCC500	PO115366.D	22 Nov 2025 08:01	YP/AJ	Ok,M
60	AR1248CCC500	PO115367.D	22 Nov 2025 08:20	YP/AJ	Ok
61	AR1254CCC500	PO115368.D	22 Nov 2025 08:38	YP/AJ	Not Ok
62	I.BLK	PO115369.D	22 Nov 2025 08:56	YP/AJ	Ok
63	DDT ANALOG	PO115370.D	22 Nov 2025 09:15	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_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,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM		
SubDirectory	PQ112125	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	PQ071417.D	21 Nov 2025 08:26	YP\AJ	Ok
2	AR1660CCC500	PQ071418.D	21 Nov 2025 09:06	YP\AJ	Ok,M
3	I.BLK	PQ071419.D	21 Nov 2025 10:09	YP\AJ	Ok
4	Q3672-02DL	PQ071420.D	21 Nov 2025 10:27	YP\AJ	Ok,M
5	Q3672-03DL	PQ071421.D	21 Nov 2025 10:42	YP\AJ	Ok
6	Q3672-04DL	PQ071422.D	21 Nov 2025 10:57	YP\AJ	Dilution
7	Q3672-05DL	PQ071423.D	21 Nov 2025 11:11	YP\AJ	Ok
8	Q3672-11DL	PQ071424.D	21 Nov 2025 11:26	YP\AJ	Ok
9	Q3672-12DL	PQ071425.D	21 Nov 2025 11:40	YP\AJ	Dilution
10	Q3672-13DL	PQ071426.D	21 Nov 2025 11:55	YP\AJ	Not Ok
11	Q3674-01	PQ071427.D	21 Nov 2025 12:16	YP\AJ	Ok
12	Q3674-02	PQ071428.D	21 Nov 2025 12:31	YP\AJ	Dilution
13	Q3674-03	PQ071429.D	21 Nov 2025 12:45	YP\AJ	Dilution
14	AR1660CCC500	PQ071430.D	21 Nov 2025 13:43	YP\AJ	Ok,M
15	I.BLK	PQ071431.D	21 Nov 2025 13:59	YP\AJ	Ok
16	PB170671BL	PQ071432.D	21 Nov 2025 14:13	YP\AJ	Ok
17	PB170671BS	PQ071433.D	21 Nov 2025 14:28	YP\AJ	Ok
18	Q3674-04	PQ071434.D	21 Nov 2025 14:42	YP\AJ	Dilution
19	Q3674-05	PQ071435.D	21 Nov 2025 14:57	YP\AJ	Ok
20	Q3674-06	PQ071436.D	21 Nov 2025 15:11	YP\AJ	Ok
21	Q3674-07	PQ071437.D	21 Nov 2025 15:26	YP\AJ	Dilution

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM		
SubDirectory	PQ112125	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	Q3674-08	PQ071438.D	21 Nov 2025 15:41	YP\AJ	Ok
23	Q3674-09	PQ071439.D	21 Nov 2025 15:55	YP\AJ	Ok,M
24	Q3674-09MS	PQ071440.D	21 Nov 2025 16:10	YP\AJ	Ok
25	Q3674-09MSD	PQ071441.D	21 Nov 2025 16:24	YP\AJ	Ok
26	AR1660CCC500	PQ071442.D	21 Nov 2025 17:23	YP\AJ	Ok,M
27	I.BLK	PQ071443.D	21 Nov 2025 18:06	YP\AJ	Ok
28	Q3674-10	PQ071444.D	21 Nov 2025 18:21	YP\AJ	Ok
29	Q3674-11	PQ071445.D	21 Nov 2025 18:36	YP\AJ	Ok,M
30	Q3674-12	PQ071446.D	21 Nov 2025 18:50	YP\AJ	Ok
31	Q3674-13	PQ071447.D	21 Nov 2025 19:05	YP\AJ	Ok,M
32	Q3674-14	PQ071448.D	21 Nov 2025 19:19	YP\AJ	Dilution
33	Q3674-15	PQ071449.D	21 Nov 2025 19:34	YP\AJ	Ok
34	Q3693-01	PQ071450.D	21 Nov 2025 19:48	YP\AJ	Ok
35	Q3693-01MS	PQ071451.D	21 Nov 2025 20:03	YP\AJ	Ok
36	Q3693-01MSD	PQ071452.D	21 Nov 2025 20:18	YP\AJ	Ok
37	Q3693-02	PQ071453.D	21 Nov 2025 20:32	YP\AJ	Ok
38	AR1660CCC500	PQ071454.D	21 Nov 2025 21:31	YP\AJ	Ok,M
39	I.BLK	PQ071455.D	21 Nov 2025 22:29	YP\AJ	Ok
40	PB170682BL	PQ071456.D	21 Nov 2025 22:44	YP\AJ	Ok
41	PB170682BS	PQ071457.D	21 Nov 2025 22:58	YP\AJ	Ok
42	Q3693-03	PQ071458.D	21 Nov 2025 23:13	YP\AJ	Dilution
43	Q3693-04	PQ071459.D	21 Nov 2025 23:27	YP\AJ	Dilution
44	Q3693-05	PQ071460.D	21 Nov 2025 23:42	YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM		
SubDirectory	PQ112125	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	Q3693-06	PQ071461.D	21 Nov 2025 23:57	YP\AJ	Ok
46	Q3693-07	PQ071462.D	22 Nov 2025 00:11	YP\AJ	Ok
47	Q3693-08	PQ071463.D	22 Nov 2025 00:26	YP\AJ	Ok
48	Q3693-09	PQ071464.D	22 Nov 2025 00:40	YP\AJ	Ok
49	Q3693-10	PQ071465.D	22 Nov 2025 00:55	YP\AJ	Ok
50	AR1660CCC500	PQ071466.D	22 Nov 2025 01:53	YP\AJ	Ok,M
51	I.BLK	PQ071467.D	22 Nov 2025 02:52	YP\AJ	Ok
52	DDT ANALOG	PQ071468.D	22 Nov 2025 03:06	YP\AJ	Ok
53	Q3672-04DL2	PQ071469.D	22 Nov 2025 03:21	YP\AJ	Ok
54	Q3672-13DL2	PQ071470.D	22 Nov 2025 03:36	YP\AJ	Not Ok
55	AR1660CCC500	PQ071471.D	22 Nov 2025 04:34	YP\AJ	Ok,M
56	I.BLK	PQ071472.D	22 Nov 2025 05:32	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112525

Review By	rahul	Review On	11/25/2025 2:24:11 PM		
Supervise By	mohammad	Supervise On	11/27/2025 12:20:41 AM		
SubDirectory	PQ112525	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	PQ071498.D	25 Nov 2025 09:00	YP\AJ	Ok
2	AR1660CCC500	PQ071499.D	25 Nov 2025 09:15	YP\AJ	Ok
3	I.BLK	PQ071500.D	25 Nov 2025 09:30	YP\AJ	Ok
4	Q3693-03DL	PQ071501.D	25 Nov 2025 10:56	YP\AJ	Dilution
5	Q3693-03DL2	PQ071502.D	25 Nov 2025 11:11	YP\AJ	Ok
6	Q3693-04DL	PQ071503.D	25 Nov 2025 11:25	YP\AJ	Ok
7	Q3679-01	PQ071504.D	25 Nov 2025 11:53	YP\AJ	Ok
8	Q3679-02	PQ071505.D	25 Nov 2025 12:08	YP\AJ	Not Ok
9	Q3713-01	PQ071506.D	25 Nov 2025 12:23	YP\AJ	Not Ok
10	Q3713-02	PQ071507.D	25 Nov 2025 12:37	YP\AJ	Not Ok
11	Q3713-03	PQ071508.D	25 Nov 2025 12:52	YP\AJ	Not Ok
12	Q3713-04	PQ071509.D	25 Nov 2025 13:06	YP\AJ	Not Ok
13	Q3713-05	PQ071510.D	25 Nov 2025 13:21	YP\AJ	Not Ok
14	AR1660CCC500	PQ071511.D	25 Nov 2025 13:50	YP\AJ	Ok
15	I.BLK	PQ071512.D	25 Nov 2025 14:05	YP\AJ	Ok
16	PB170728BL	PQ071513.D	25 Nov 2025 14:19	YP\AJ	Ok
17	PB170728BS	PQ071514.D	25 Nov 2025 14:34	YP\AJ	Ok
18	Q3717-01	PQ071515.D	25 Nov 2025 14:48	YP\AJ	Ok,M
19	Q3717-02	PQ071516.D	25 Nov 2025 15:03	YP\AJ	Ok,M
20	Q3717-03	PQ071517.D	25 Nov 2025 15:18	YP\AJ	Ok,M
21	Q3717-04	PQ071518.D	25 Nov 2025 15:32	YP\AJ	Ok,M

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112525

Review By	rahul	Review On	11/25/2025 2:24:11 PM		
Supervise By	mohammad	Supervise On	11/27/2025 12:20:41 AM		
SubDirectory	PQ112525	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,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3717-05	PQ071519.D	25 Nov 2025 15:47	YP\AJ	Ok,M
23	Q3717-06	PQ071520.D	25 Nov 2025 16:01	YP\AJ	Ok
24	Q3717-07	PQ071521.D	25 Nov 2025 16:16	YP\AJ	Ok,M
25	Q3717-08	PQ071522.D	25 Nov 2025 16:30	YP\AJ	Ok
26	AR1660CCC500	PQ071523.D	25 Nov 2025 17:00	YP\AJ	Ok
27	I.BLK	PQ071524.D	25 Nov 2025 17:14	YP\AJ	Ok
28	PB170731BL	PQ071525.D	25 Nov 2025 17:29	YP\AJ	Ok
29	PB170731BS	PQ071526.D	25 Nov 2025 17:43	YP\AJ	Ok
30	PB170731BSD	PQ071527.D	25 Nov 2025 17:58	YP\AJ	Ok
31	Q3697-04	PQ071528.D	25 Nov 2025 18:13	YP\AJ	Ok,M
32	AR1660CCC500	PQ071529.D	25 Nov 2025 18:42	YP\AJ	Ok
33	I.BLK	PQ071530.D	25 Nov 2025 19:25	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 # 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	R1242+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_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 # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM		
SubDirectory	PQ112125	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	PQ071417.D	21 Nov 2025 08:26		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ071418.D	21 Nov 2025 09:06		YP\AJ	Ok,M
3	I.BLK	I.BLK	PQ071419.D	21 Nov 2025 10:09		YP\AJ	Ok
4	Q3672-02DL	C0AE5DL	PQ071420.D	21 Nov 2025 10:27	AR1260+1248 Hit	YP\AJ	Ok,M
5	Q3672-03DL	C0AE6DL	PQ071421.D	21 Nov 2025 10:42	AR1260 Hit	YP\AJ	Ok
6	Q3672-04DL	C0AE7DL	PQ071422.D	21 Nov 2025 10:57	AR1260, Need more dilution	YP\AJ	Dilution
7	Q3672-05DL	C0AE8DL	PQ071423.D	21 Nov 2025 11:11	AR1260 Hit	YP\AJ	Ok
8	Q3672-11DL	C0AF8DL	PQ071424.D	21 Nov 2025 11:26	AR1260+1254+1248 Hit	YP\AJ	Ok
9	Q3672-12DL	C0AF9DL	PQ071425.D	21 Nov 2025 11:40	AR1248+AR1260 Hit,Need more dilution	YP\AJ	Dilution
10	Q3672-13DL	C0AG0DL	PQ071426.D	21 Nov 2025 11:55	AR1260 hIt,Need more dilution	YP\AJ	Not Ok
11	Q3674-01	C0AH9	PQ071427.D	21 Nov 2025 12:16	AR1260 Hit	YP\AJ	Ok
12	Q3674-02	C0AJ0	PQ071428.D	21 Nov 2025 12:31	AR1260 Hit,Need 5X	YP\AJ	Dilution
13	Q3674-03	C0AJ1	PQ071429.D	21 Nov 2025 12:45	AR1260 Hit,Need 50X	YP\AJ	Dilution
14	AR1660CCC500	AR1660CCC500	PQ071430.D	21 Nov 2025 13:43		YP\AJ	Ok,M
15	I.BLK	I.BLK	PQ071431.D	21 Nov 2025 13:59		YP\AJ	Ok
16	PB170671BL	PB170671BL	PQ071432.D	21 Nov 2025 14:13		YP\AJ	Ok
17	PB170671BS	PB170671BS	PQ071433.D	21 Nov 2025 14:28		YP\AJ	Ok

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Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM		
SubDirectory	PQ112125	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	

18	Q3674-04	C0AJ2	PQ071434.D	21 Nov 2025 14:42	AR1260 Hit,Need 10X	YP\AJ	Dilution
19	Q3674-05	C0AJ3	PQ071435.D	21 Nov 2025 14:57	AR1254+AR1260 Hit	YP\AJ	Ok
20	Q3674-06	C0AJ4	PQ071436.D	21 Nov 2025 15:11	AR1254+AR1260 Hit	YP\AJ	Ok
21	Q3674-07	C0AJ5	PQ071437.D	21 Nov 2025 15:26	AR248+AR1254+AR1260 Hit, Need 2x	YP\AJ	Dilution
22	Q3674-08	C0AJ6	PQ071438.D	21 Nov 2025 15:41	AR1254+AR1260 Hit	YP\AJ	Ok
23	Q3674-09	C0AJ7	PQ071439.D	21 Nov 2025 15:55	AR1260 Hit	YP\AJ	Ok,M
24	Q3674-09MS	C0AJ7MS	PQ071440.D	21 Nov 2025 16:10		YP\AJ	Ok
25	Q3674-09MSD	C0AJ7MSD	PQ071441.D	21 Nov 2025 16:24		YP\AJ	Ok
26	AR1660CCC500	AR1660CCC500	PQ071442.D	21 Nov 2025 17:23		YP\AJ	Ok,M
27	I.BLK	I.BLK	PQ071443.D	21 Nov 2025 18:06		YP\AJ	Ok
28	Q3674-10	C0AJ8	PQ071444.D	21 Nov 2025 18:21	AR1260 Hit	YP\AJ	Ok
29	Q3674-11	C0AJ9	PQ071445.D	21 Nov 2025 18:36	AR1260 Hit	YP\AJ	Ok,M
30	Q3674-12	C0AK0	PQ071446.D	21 Nov 2025 18:50	AR1260 Hit	YP\AJ	Ok
31	Q3674-13	C0AK1	PQ071447.D	21 Nov 2025 19:05	AR1254 Hit	YP\AJ	Ok,M
32	Q3674-14	C0AK3	PQ071448.D	21 Nov 2025 19:19	AR1260 Hit, Need 50x	YP\AJ	Dilution
33	Q3674-15	C0AK4	PQ071449.D	21 Nov 2025 19:34	AR1260 Hit	YP\AJ	Ok
34	Q3693-01	C0AJ7	PQ071450.D	21 Nov 2025 19:48	AR1260 Hit	YP\AJ	Ok
35	Q3693-01MS	C0AJ7MS	PQ071451.D	21 Nov 2025 20:03		YP\AJ	Ok
36	Q3693-01MSD	C0AJ7MSD	PQ071452.D	21 Nov 2025 20:18	RPD fail for AR1260	YP\AJ	Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM		
SubDirectory	PQ112125	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	

37	Q3693-02	C0AK5	PQ071453.D	21 Nov 2025 20:32	AR1260 Hit	YP\AJ	Ok
38	AR1660CCC500	AR1660CCC500	PQ071454.D	21 Nov 2025 21:31		YP\AJ	Ok,M
39	I.BLK	I.BLK	PQ071455.D	21 Nov 2025 22:29		YP\AJ	Ok
40	PB170682BL	PB170682BL	PQ071456.D	21 Nov 2025 22:44		YP\AJ	Ok
41	PB170682BS	PB170682BS	PQ071457.D	21 Nov 2025 22:58		YP\AJ	Ok
42	Q3693-03	C0AK6	PQ071458.D	21 Nov 2025 23:13	AR1260 hits,Need 50x,500X, DCB high both column	YP\AJ	Dilution
43	Q3693-04	C0AK7	PQ071459.D	21 Nov 2025 23:27	AR1260 Hit, Need 5X	YP\AJ	Dilution
44	Q3693-05	C0AK8	PQ071460.D	21 Nov 2025 23:42	AR1260 Hit	YP\AJ	Ok
45	Q3693-06	C0AK9	PQ071461.D	21 Nov 2025 23:57	AR248+AR1254+AR1260 Hit	YP\AJ	Ok
46	Q3693-07	C0AL0	PQ071462.D	22 Nov 2025 00:11	AR248+AR1254+AR1260 Hit	YP\AJ	Ok
47	Q3693-08	C0AL1	PQ071463.D	22 Nov 2025 00:26	AR248+AR1254+AR1260 Hit	YP\AJ	Ok
48	Q3693-09	C0AL2	PQ071464.D	22 Nov 2025 00:40	AR248+AR1254+AR1260 Hit	YP\AJ	Ok
49	Q3693-10	C0AL3	PQ071465.D	22 Nov 2025 00:55	AR1260 Hit	YP\AJ	Ok
50	AR1660CCC500	AR1660CCC500	PQ071466.D	22 Nov 2025 01:53		YP\AJ	Ok,M
51	I.BLK	I.BLK	PQ071467.D	22 Nov 2025 02:52		YP\AJ	Ok
52	DDT ANALOG	DDT ANALOG	PQ071468.D	22 Nov 2025 03:06		YP\AJ	Ok
53	Q3672-04DL2	C0AE7DL2	PQ071469.D	22 Nov 2025 03:21	AR1260 Hit	YP\AJ	Ok
54	Q3672-13DL2	C0AG0DL2	PQ071470.D	22 Nov 2025 03:36	AR1260 hIt,Need more dilution	YP\AJ	Not Ok
55	AR1660CCC500	AR1660CCC500	PQ071471.D	22 Nov 2025 04:34		YP\AJ	Ok,M

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM		
SubDirectory	PQ112125	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	

56	I.BLK	I.BLK	PQ071472.D	22 Nov 2025 05:32		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112525

Review By	rahul	Review On	11/25/2025 2:24:11 PM		
Supervise By	mohammad	Supervise On	11/27/2025 12:20:41 AM		
SubDirectory	PQ112525	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	PQ071498.D	25 Nov 2025 09:00		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ071499.D	25 Nov 2025 09:15		YP\AJ	Ok
3	I.BLK	I.BLK	PQ071500.D	25 Nov 2025 09:30		YP\AJ	Ok
4	Q3693-03DL	C0AK6DL	PQ071501.D	25 Nov 2025 10:56	AR1260 hits,Need more dilution	YP\AJ	Dilution
5	Q3693-03DL2	C0AK6DL2	PQ071502.D	25 Nov 2025 11:11	AR1260 hits	YP\AJ	Ok
6	Q3693-04DL	C0AK7DL	PQ071503.D	25 Nov 2025 11:25	AR1260 hits	YP\AJ	Ok
7	Q3679-01	111425-A	PQ071504.D	25 Nov 2025 11:53		YP\AJ	Ok
8	Q3679-02	111825	PQ071505.D	25 Nov 2025 12:08	AR1242 Hit , AR1242 CCAL missing , need 5x dilution	YP\AJ	Not Ok
9	Q3713-01	1	PQ071506.D	25 Nov 2025 12:23	AR1254 Hit , AR1254 CCAL missing	YP\AJ	Not Ok
10	Q3713-02	2	PQ071507.D	25 Nov 2025 12:37	AR1254 Hit , AR1254 CCAL missing	YP\AJ	Not Ok
11	Q3713-03	3	PQ071508.D	25 Nov 2025 12:52	AR1254 Hit , AR1254 CCAL missing	YP\AJ	Not Ok
12	Q3713-04	4	PQ071509.D	25 Nov 2025 13:06	AR1254 Hit , AR1254 CCAL missing	YP\AJ	Not Ok
13	Q3713-05	5	PQ071510.D	25 Nov 2025 13:21	AR1254 Hit , AR1254 CCAL missing	YP\AJ	Not Ok
14	AR1660CCC500	AR1660CCC500	PQ071511.D	25 Nov 2025 13:50		YP\AJ	Ok
15	I.BLK	I.BLK	PQ071512.D	25 Nov 2025 14:05		YP\AJ	Ok
16	PB170728BL	PB170728BL	PQ071513.D	25 Nov 2025 14:19		YP\AJ	Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112525

Review By	rahul	Review On	11/25/2025 2:24:11 PM		
Supervise By	mohammad	Supervise On	11/27/2025 12:20:41 AM		
SubDirectory	PQ112525	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	

17	PB170728BS	PB170728BS	PQ071514.D	25 Nov 2025 14:34		YP\AJ	Ok
18	Q3717-01	1A1B1C	PQ071515.D	25 Nov 2025 14:48		YP\AJ	Ok,M
19	Q3717-02	2A2B2C	PQ071516.D	25 Nov 2025 15:03		YP\AJ	Ok,M
20	Q3717-03	3A3B3C	PQ071517.D	25 Nov 2025 15:18		YP\AJ	Ok,M
21	Q3717-04	4A4B4C	PQ071518.D	25 Nov 2025 15:32		YP\AJ	Ok,M
22	Q3717-05	5A5B5C	PQ071519.D	25 Nov 2025 15:47		YP\AJ	Ok,M
23	Q3717-06	6A6B6C	PQ071520.D	25 Nov 2025 16:01		YP\AJ	Ok
24	Q3717-07	7A7B7C	PQ071521.D	25 Nov 2025 16:16		YP\AJ	Ok,M
25	Q3717-08	8A8B8C	PQ071522.D	25 Nov 2025 16:30		YP\AJ	Ok
26	AR1660CCC500	AR1660CCC500	PQ071523.D	25 Nov 2025 17:00		YP\AJ	Ok
27	I.BLK	I.BLK	PQ071524.D	25 Nov 2025 17:14		YP\AJ	Ok
28	PB170731BL	PB170731BL	PQ071525.D	25 Nov 2025 17:29		YP\AJ	Ok
29	PB170731BS	PB170731BS	PQ071526.D	25 Nov 2025 17:43		YP\AJ	Ok
30	PB170731BSD	PB170731BSD	PQ071527.D	25 Nov 2025 17:58		YP\AJ	Ok
31	Q3697-04	MOO-25-0329	PQ071528.D	25 Nov 2025 18:13		YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PQ071529.D	25 Nov 2025 18:42		YP\AJ	Ok
33	I.BLK	I.BLK	PQ071530.D	25 Nov 2025 19:25		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 11/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137989

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3693-01	C0AJ7	1	1.14	10.66	11.8	10.07	83.8	
Q3693-02	C0AK5	2	1.16	10.63	11.79	10.03	83.4	
Q3693-03	C0AK6	3	1.18	10.50	11.68	9.9	83.0	
Q3693-04	C0AK7	4	1.18	10.08	11.26	9.59	83.4	
Q3693-05	C0AK8	5	1.18	10.64	11.82	10.09	83.7	
Q3693-06	C0AK9	6	1.15	10.54	11.69	9.92	83.2	
Q3693-07	C0AL0	7	1.14	10.64	11.78	10.00	83.3	
Q3693-08	C0AL1	8	1.19	10.51	11.7	9.94	83.3	
Q3693-09	C0AL2	9	1.19	10.17	11.36	9.71	83.8	
Q3693-10	C0AL3	10	1.13	10.62	11.75	10.08	84.3	
Q3693-11	C0AL4	11	1.14	10.32	11.46	9.79	83.8	
Q3693-12	C0AL5	12	1.15	10.10	11.25	9.66	84.3	
Q3693-13	C0AL6	13	1.19	10.58	11.77	9.86	81.9	
Q3693-14	C0AL7	14	1.11	10.63	11.74	9.65	80.3	
Q3694-01	C0AD8	15	1.16	10.48	11.64	9.64	80.9	
Q3694-02	C0AE1	16	1.19	10.28	11.47	9.83	84.0	
Q3694-03	C0AE2	17	1.11	10.78	11.89	9.69	79.6	
Q3694-04	C0AE3	18	1.19	10.73	11.92	10.06	82.7	
Q3694-05	C0AF3	19	1.17	10.38	11.55	9.6	81.2	
Q3694-06	C0AF4	20	1.16	10.51	11.67	9.63	80.6	
Q3694-07	C0AF5	21	1.18	9.98	11.16	9.28	81.2	
Q3694-07D	C0AF5DUP	22	1.19	9.99	11.18	9.3	81.2	
Q3694-08	C0AF6	23	1.19	10.40	11.59	9.74	82.2	
Q3694-09	C0AL8	24	1.19	10.53	11.72	10.11	84.7	
Q3694-10	C0AL9	25	1.19	11.00	12.19	10.34	83.2	
Q3694-11	C0AM0	26	1.15	10.53	11.68	10.1	85.0	
Q3694-12	C0AM1	27	1.16	10.66	11.82	9.87	81.7	
Q3694-13	C0AM2	28	1.18	10.80	11.98	9.35	75.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 11/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137989

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3694-14	C0AM3	29	1.19	10.62	11.81	9.3	76.4	
Q3694-15	C0AM4	30	1.12	10.43	11.55	8.94	75.0	
Q3694-16	C0AM5	31	1.19	10.89	12.08	9.37	75.1	
Q3697-01	MOO-25-0331	32	1.14	10.52	11.66	10.26	86.7	
Q3697-02	MOO-25-0332	33	1.00	1.00	2.00	2.00	100.0	debris
Q3697-03	MOO-25-0333	34	1.00	1.00	2.00	2.00	100.0	debris
Q3699-01	TR-04-112025	35	1.14	10.56	11.7	10.77	91.2	
Q3699-02	TR-04-112025-E2	36	1.16	10.65	11.81	10.6	88.6	
Q3699-03	TR-06-112025	37	1.14	11.57	12.71	11.69	91.2	
Q3699-04	TR-06-112025-E2	38	1.13	10.69	11.82	10.7	89.5	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

Q3693-PCB

WORKLIST(Hardcopy Internal Chain)

VB 137989

WorkList Name : %1-112025 **WorkList ID :** 193244 **Department :** Wet-Chemistry **Date :** 11-20-2025 09:02:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3693-01	C0AJ7	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-02	C0AK5	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-03	C0AK6	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-04	C0AK7	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-05	C0AK8	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-06	C0AK9	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-07	C0AL0	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-08	C0AL1	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-09	C0AL2	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-10	C0AL3	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-11	C0AL4	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-12	C0AL5	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-13	C0AL6	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3693-14	C0AL7	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3694-01	C0AD8	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/18/2025	Chemtech -SO
Q3694-02	C0AE1	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-03	C0AE2	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-04	C0AE3	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-05	C0AF3	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-06	C0AF4	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-07	C0AF5	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO

703 of 800

Date/Time 11/20/25 15:00

Raw Sample Received by: TSB (WC)

Raw Sample Relinquished by: CP

Date/Time 11/20/25 17:20

Raw Sample Received by: CP

Raw Sample Relinquished by: TSB (WC)

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Q3693-PCB

WORKLIST(Hardcopy Internal Chain)

VB 137989

WorkList Name : %1-112025 **WorkList ID :** 193244 **Department :** Wet-Chemistry **Date :** 11-20-2025 09:02:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3694-08	C0AF6	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-09	C0AL8	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-10	C0AL9	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-11	C0AM0	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-12	C0AM1	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-13	C0AM2	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-14	C0AM3	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-15	C0AM4	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3694-16	C0AM5	Solid	Percent Solids	Cool 4 deg C	TETR16	D41	11/20/2025	Chemtech -SO
Q3697-01	MOO-25-0331	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/20/2025	Chemtech -SO
Q3697-02	MOO-25-0332	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/20/2025	Chemtech -SO
Q3697-03	MOO-25-0333	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/20/2025	Chemtech -SO
Q3699-01	TR-04-112025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/20/2025	Chemtech -SO
Q3699-02	TR-04-112025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/20/2025	Chemtech -SO
Q3699-03	TR-06-112025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/20/2025	Chemtech -SO
Q3699-04	TR-06-112025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/20/2025	Chemtech -SO

704 of 800

Date/Time 11/20/25 15:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 11/20/25 17:20

Raw Sample Received by:

Raw Sample Relinquished by:

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170682

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 11/21/2025

Extraction Start Time : 09:50

Extraction End Date : 11/21/2025

Extraction End Time : 13:00

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
Surrogate	1.0ML	200 PPB	PP25072
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2660
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Hexane	N/A	E3988
H2SO4 1:1	N/A	EP2657
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/21/25	RS (Ext lab)	RC/Pest PCB
13:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170682

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/21/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170682BL	ABLK682	PCB	30.03	N/A	ritesh	Evelyn	10			U6-1
PB170682BS	ALCS682	PCB	30.01	N/A	ritesh	Evelyn	10			2
Q3693-01	C0AJ7	PCB	30.06	N/A	ritesh	Evelyn	10			3
Q3693-01MS	C0AJ7MS	PCB	30.03	N/A	ritesh	Evelyn	10			4
Q3693-01MSD	C0AJ7MSD	PCB	30.02	N/A	ritesh	Evelyn	10			5
Q3693-02	C0AK5	PCB	30.04	N/A	ritesh	Evelyn	10			6
Q3693-03	C0AK6	PCB	30.07	N/A	ritesh	Evelyn	10			U1-1
Q3693-04	C0AK7	PCB	30.05	N/A	ritesh	Evelyn	10			2
Q3693-05	C0AK8	PCB	30.01	N/A	ritesh	Evelyn	10			3
Q3693-06	C0AK9	PCB	30.06	N/A	ritesh	Evelyn	10			4
Q3693-07	C0AL0	PCB	30.09	N/A	ritesh	Evelyn	10			5
Q3693-08	C0AL1	PCB	30.02	N/A	ritesh	Evelyn	10			6
Q3693-09	C0AL2	PCB	30.08	N/A	ritesh	Evelyn	10			U2-1
Q3693-10	C0AL3	PCB	30.04	N/A	ritesh	Evelyn	10			2
Q3693-11	C0AL4	PCB	30.07	N/A	ritesh	Evelyn	10			3
Q3693-12	C0AL5	PCB	30.05	N/A	ritesh	Evelyn	10			4
Q3693-13	C0AL6	PCB	30.09	N/A	ritesh	Evelyn	10			5
Q3693-14	C0AL7	PCB	30.06	N/A	ritesh	Evelyn	10			6

RS 11/21

*** Extracts relinquished on the same date as received.**

Q3693-PCB

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3693 **WorkList ID :** 193278 **Department :** Extraction **Date :** 11-21-2025 08:34:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3693-01	C0AJ7	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-02	C0AK5	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-03	C0AK6	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-04	C0AK7	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-05	C0AK8	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-06	C0AK9	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-07	C0AL0	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-08	C0AL1	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-09	C0AL2	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-10	C0AL3	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-11	C0AL4	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-12	C0AL5	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-13	C0AL6	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A
Q3693-14	C0AL7	Solid	PCB	Cool 4 deg C	TETR16	D41	11/18/2025	8082A

707 of 800

Date/Time 11/21/25 9:45
Raw Sample Received by: RJ (EXT lab)
Raw Sample Relinquished by:

Date/Time 11/21/25 10:10
Raw Sample Received by:
Raw Sample Relinquished by: RJ (EXT lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q3693

Test : PCB

Prepbatch ID : PB170682,

Sequence ID/Qc Batch ID: PO112125,PQ112125,PQ112525,

Standard ID :

EP2657,EP2660,EP2663,PP24329,PP24330,PP24381,PP24805,PP24806,PP24807,PP24808,PP24809,PP24810,PP24811,PP24812,PP24814,PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862,PP24930,PP25072,

Chemical ID :

E3804,E3875,E3951,E3962,E3963,E3972,E3982,E3988,M6186,P11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13789,P13833,P13879,P13881,P13885,P14240,W3112,W3177,W3234,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2657	11/03/2025	05/03/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM 1000.00000ml of M6186 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2660	11/03/2025	05/03/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2663	11/20/2025	05/20/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 11/20/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

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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-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

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

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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.	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

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-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

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	a0217391	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

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	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

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Page 1 of 1

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3972

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date:2027-10-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.1
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Received on 10/29/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3982

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

M6186

Recieved Date 8- 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

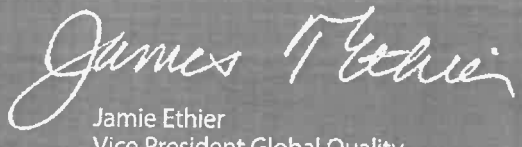
avantor™ | J.T.Baker®

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



Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 286 1700

P11518 ↓ P11522 AJ 02/21/22

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)

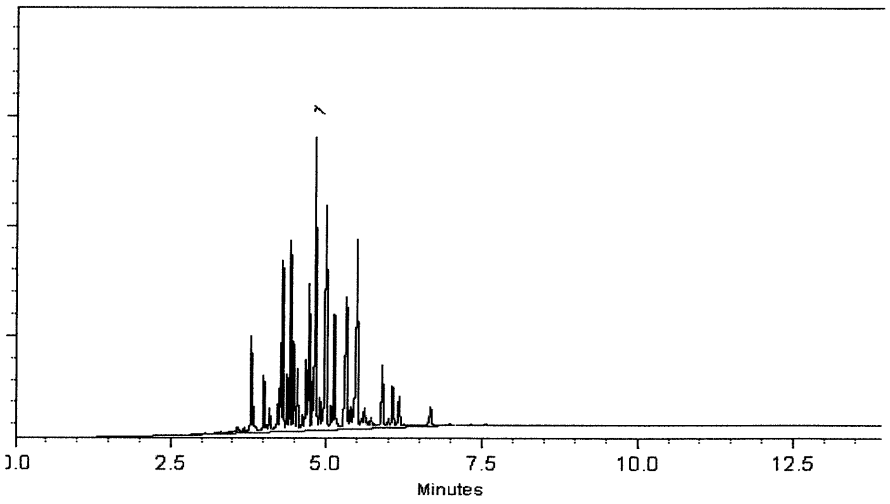
Carrier Gas:
helium-constant pressure 20 psi.

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

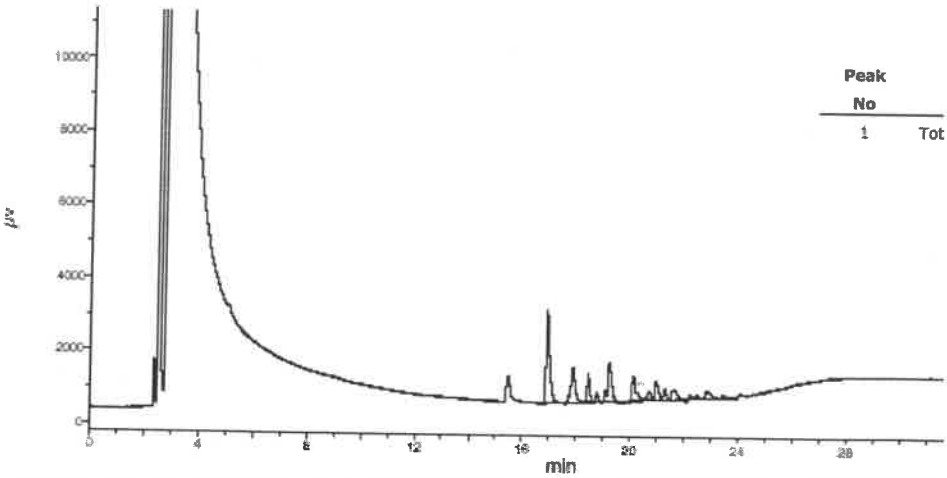
Solvent/ Acet

Weight(s) shown below were combined and diluted to (mL): 100.0 — 5E-05 Balance Uncertainty; 0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

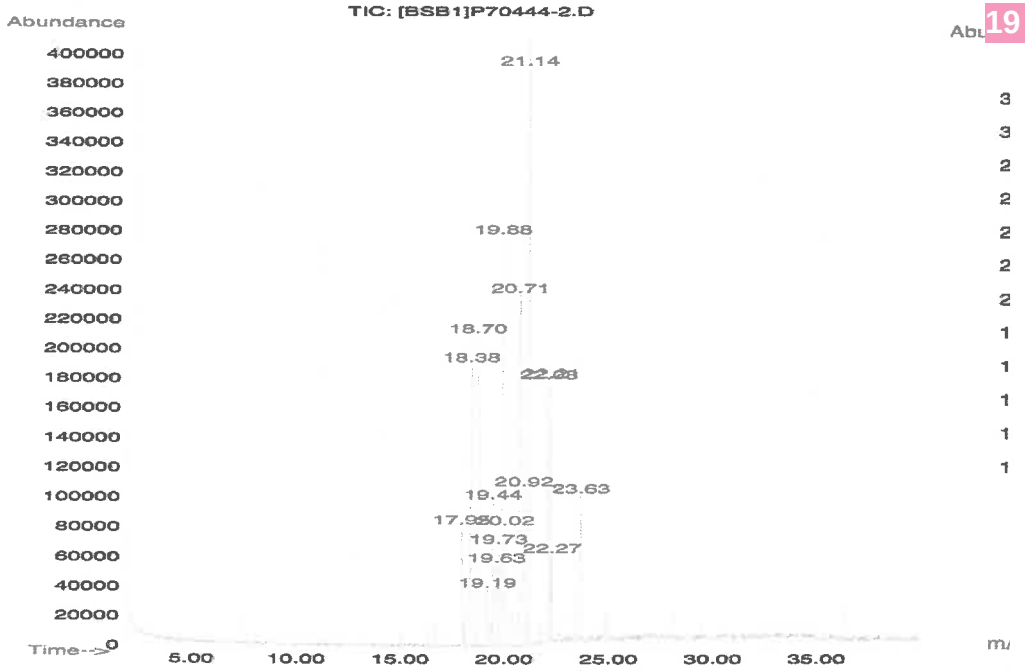
Certified Refere

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): 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 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
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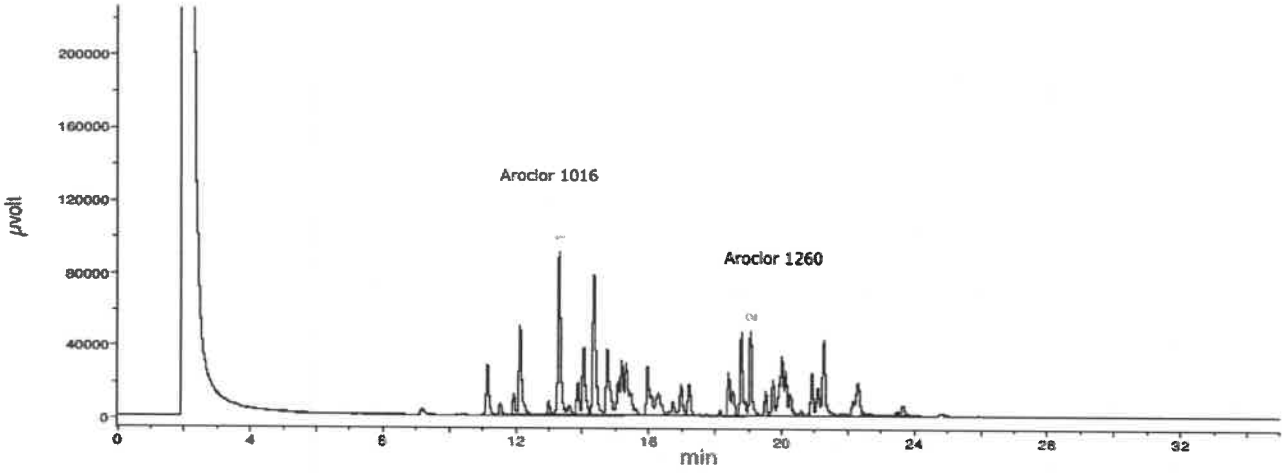
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

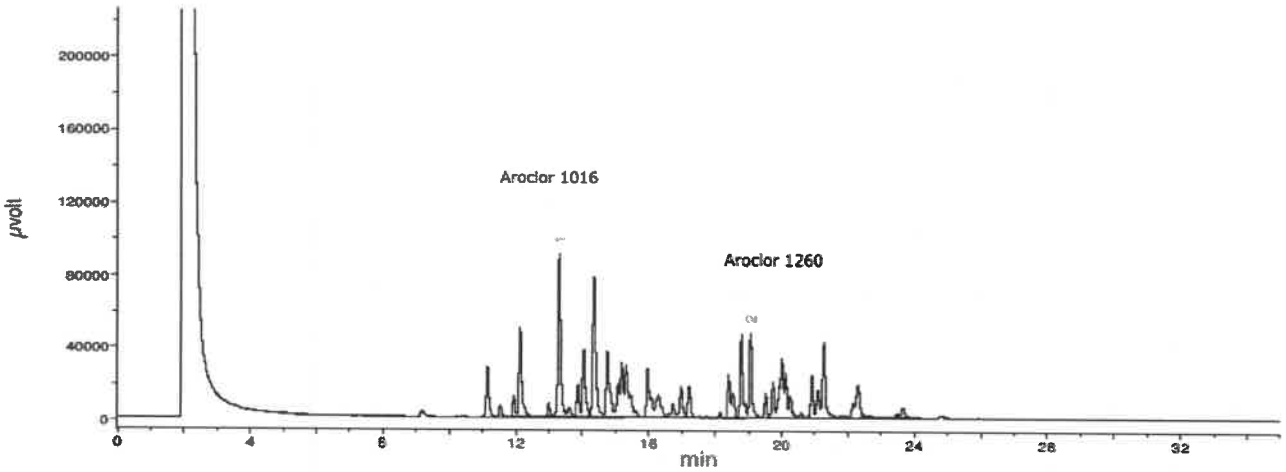
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

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.
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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

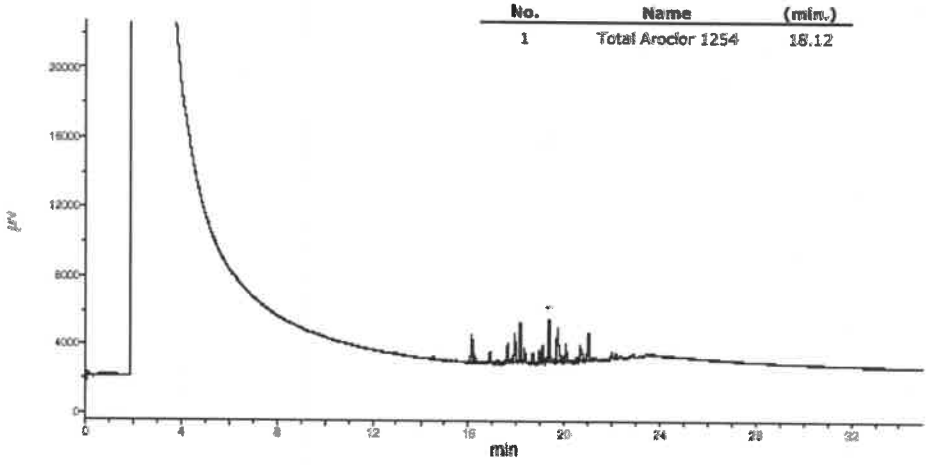
Note: Aroclor 1254 is a mix of isomers.

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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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.

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.)

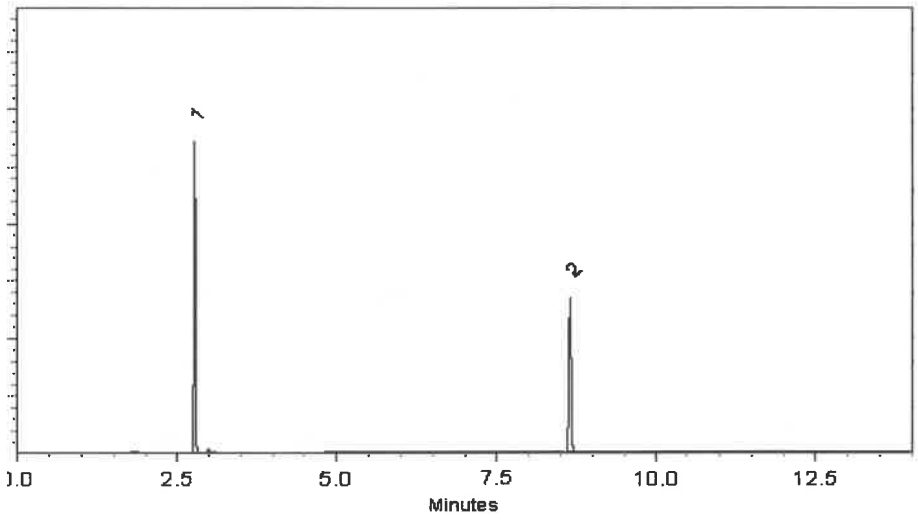
Inj. Temp:
250°C

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.)

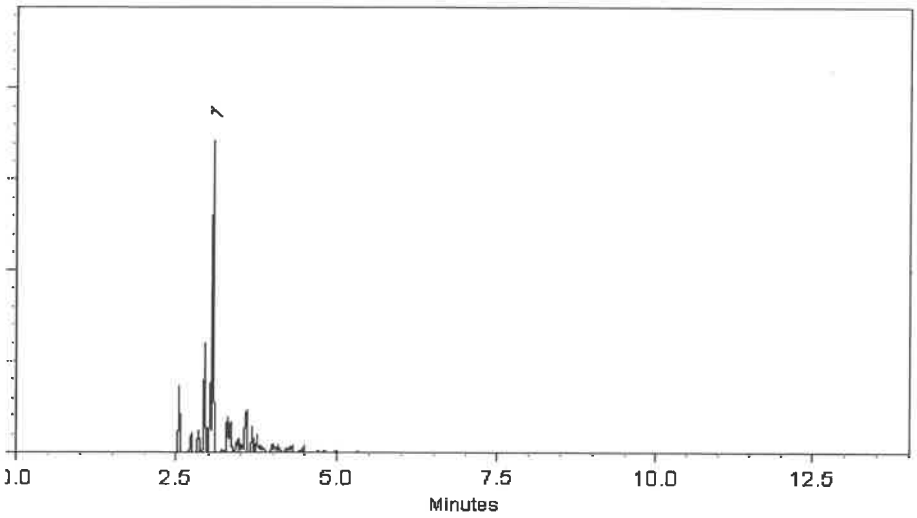
Inj. Temp:
250°C

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

www.agilent.com/quality/
CSD-QA-015.1

ISO 17025

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Certificate #3222.01

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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. : 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.)

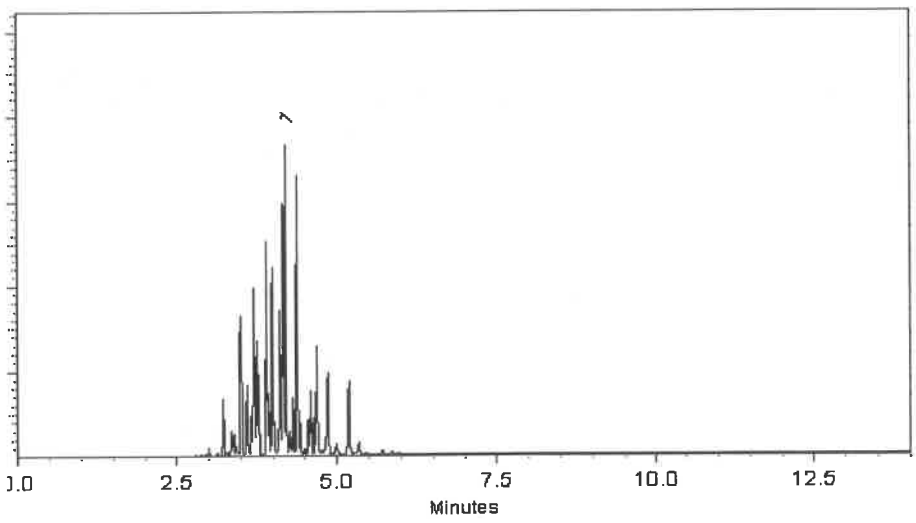
Inj. Temp:
250°C

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

P13697 ↓ P13701 } Y.P. 10/19/24

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

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.)

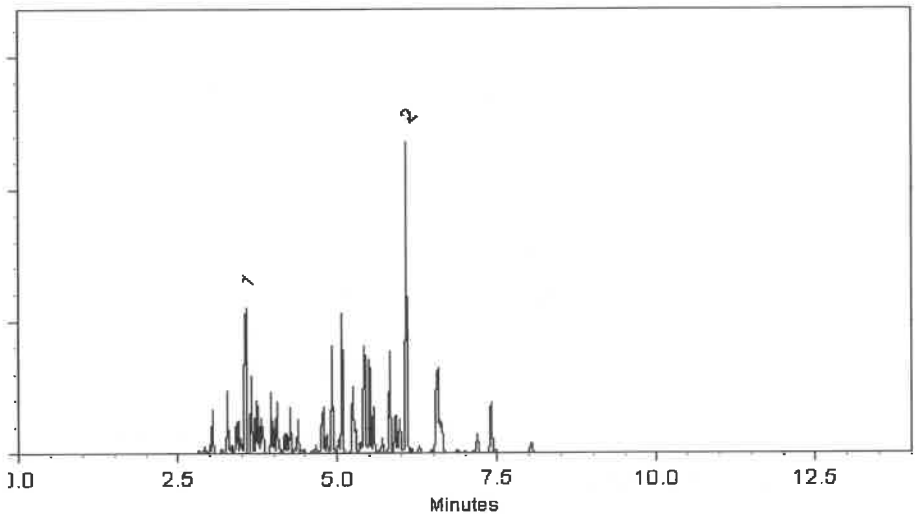
Inj. Temp:
250°C

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
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0210232

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

P13706
P13707
Y.P. 10/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	----%	1,000.7 µg/mL	+/- 55.5295

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

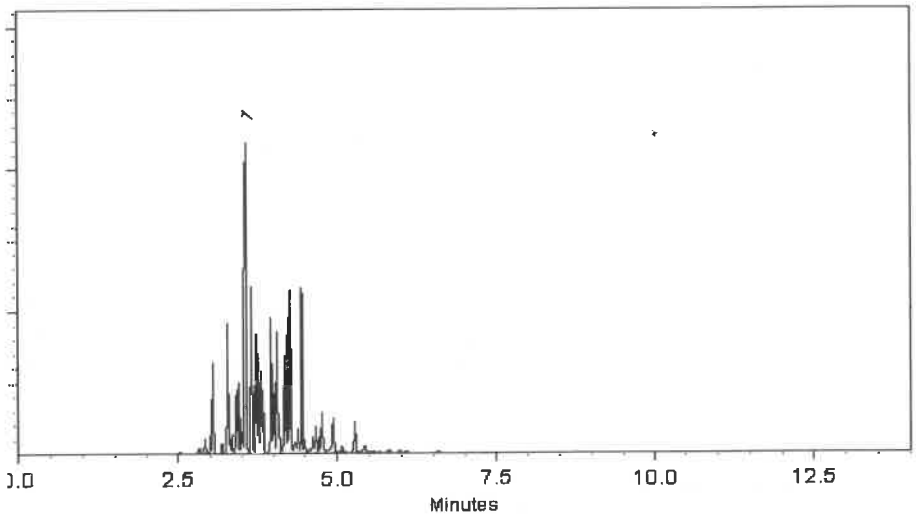
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024 **Balance Serial #** B442140311

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 17-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785 ↓ P19789 AJ 11/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

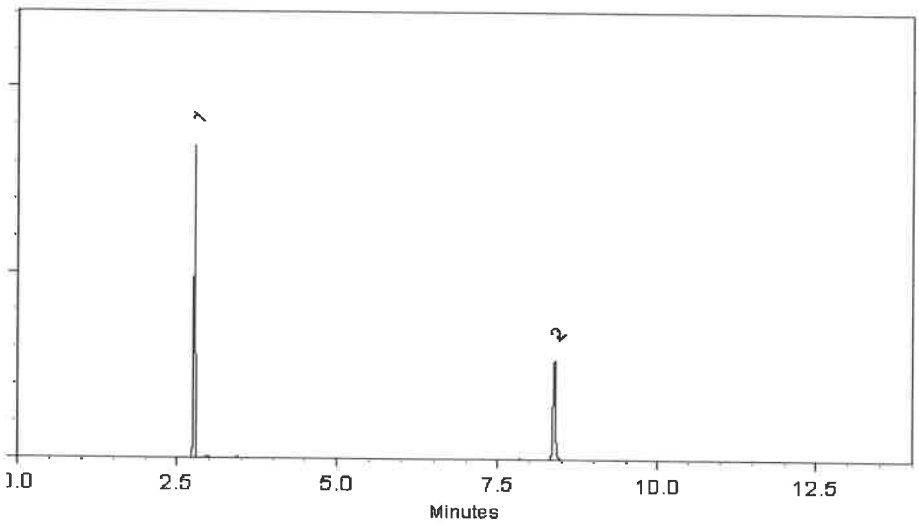
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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.)

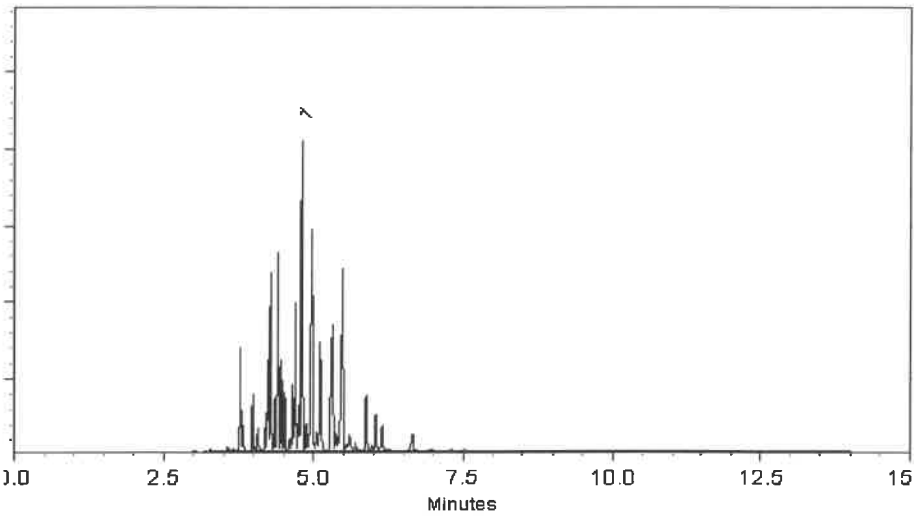
Inj. Temp:
250°C

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.)

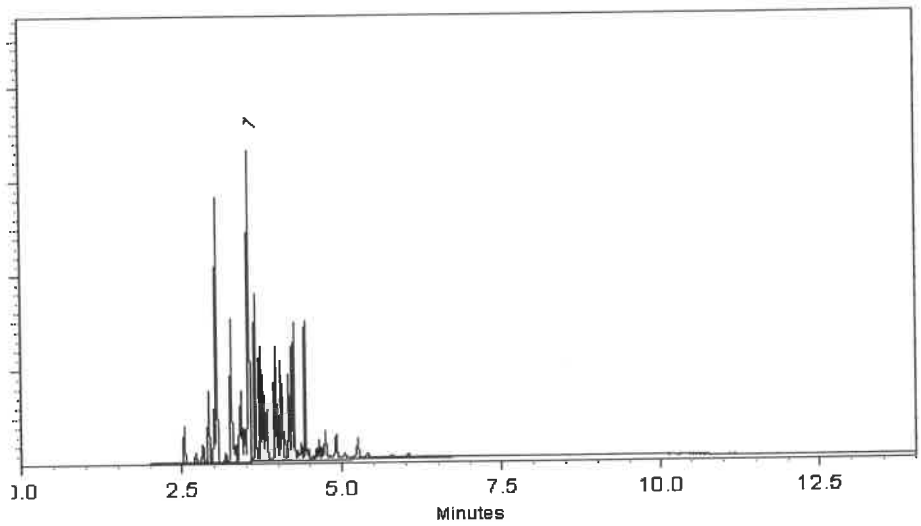
Inj. Temp:
250°C

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.)

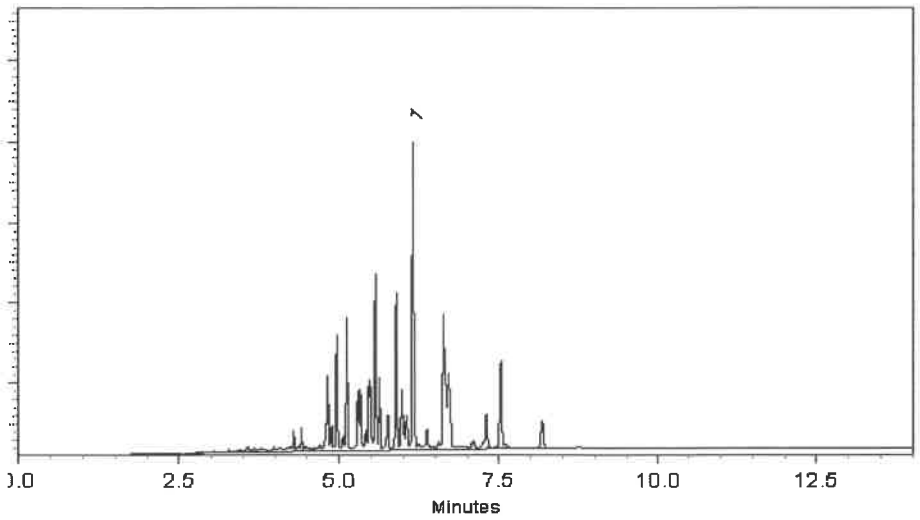
Inj. Temp:
250°C

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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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0217264

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1268	11100-14-4	12353400	----%	1,009.8 µg/mL	+/- 56.0364

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13884
↓
P13886

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

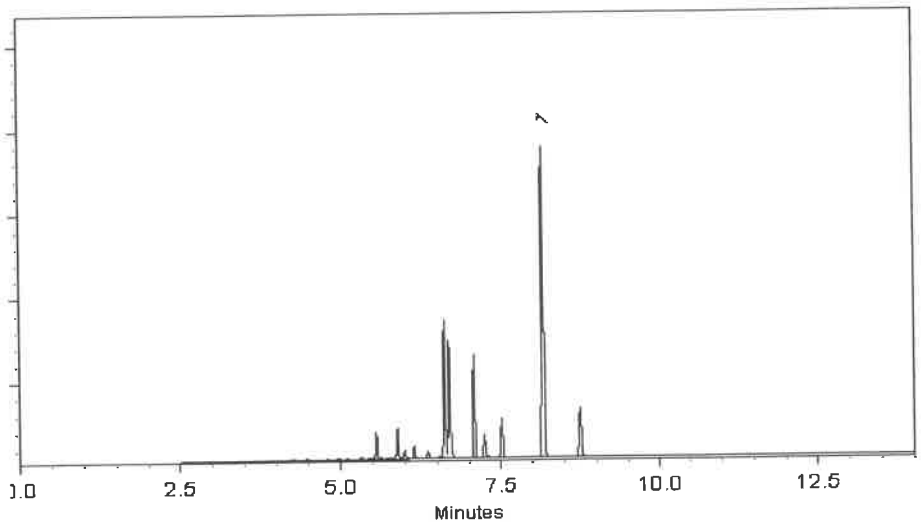
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 500:1

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 01-Oct-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

W3147
W3147 update. 02/03/2025 JP

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

W3234 JB
Update: 07/28/2025

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

SHIPPING DOCUMENTS

Q3693

USEPA CLP COC (LAB COPY)
DateShipped: 11/19/2025
CarrierName: FedEx
AirbillNo: 8862 0213 2015

CHAIN OF CUSTODY RECORD

DAS #: R37108
Cooler #:

No: 3-111925-133933-0012
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)-E1-20251118	C0AJ7	Soil/ START	Composite	PCB(3)	1198 (Cool to 6C) (1)	DU09 E1	11/18/2025 10:45	
BSA-DU09-CS(0-10)-E2-20251118	C0AK5	Soil/ START	Composite	PCB(3)	1206 (Cool to 6C) (1)	DU09 E2	11/18/2025 10:55	
BSA-DU09-CS(0-10)-E3-20251118	C0AK6	Soil/ START	Composite	PCB(3)	1207 (Cool to 6C) (1)	DU09 E3	11/18/2025 11:05	
BSA-DU09-CS(0-10)-E4-20251118	C0AK7	Soil/ START	Composite	PCB(3)	1208 (Cool to 6C) (1)	DU09 E4	11/18/2025 11:15	
BSA-DU09-CS(0-10)-E5-20251118	C0AK8	Soil/ START	Composite	PCB(3)	1209 (Cool to 6C) (1)	DU09 E5	11/18/2025 11:25	
BSA-DU09-CS(0-10)-E6-20251118	C0AK9	Soil/ START	Composite	PCB(3)	1210 (Cool to 6C) (1)	DU09 E6	11/18/2025 11:55	
BSA-DU09-CS(0-10)-E7-20251118	C0AL0	Soil/ START	Composite	PCB(3)	1211 (Cool to 6C) (1)	DU09 E7	11/18/2025 12:05	
BSA-DU09-CS(0-10)-E7-DUP-20251118	C0AL1	Soil/ START	Composite	PCB(3)	1212 (Cool to 6C) (1)	QC	11/18/2025 12:00	
BSA-DU09-CS(0-10)-E8-20251118	C0AL2	Soil/ START	Composite	PCB(3)	1213 (Cool to 6C) (1)	DU09 E8	11/18/2025 12:53	
BSA-DU09-CS(0-10)-E9-20251118	C0AL3	Soil/ START	Composite	PCB(3)	1214 (Cool to 6C) (1)	DU09 E9	11/18/2025 13:20	

Special Instructions: DU09 E samples

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: PCB=PCBs

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ENVIRONMENTAL SOIL SAMPLES	[signature] TETRA TECH	11/19/25 1630	[signature]	11/20/25 9:52	IR Gun #1 2.3°C

Q3693

USEPA CLP COC (LAB COPY)
DateShipped: 11/19/2025
CarrierName: FedEx
AirbillNo: 8862 0213 2015

CHAIN OF CUSTODY RECORD

DAS #: R37108
Cooler #:

No: 3-111925-133933-0012
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)-E10-20251118	C0AL4	Soil/ START	Composite	PCB(3)	1215 (Cool to 6C) (1)	DU09 E10	11/18/2025 13:30	
BSA-DU09-CS(0-10)-E11-20251118	C0AL5	Soil/ START	Composite	PCB(3)	1216 (Cool to 6C) (1)	DU09 E11	11/18/2025 13:40	
BSA-DU09-CS(0-10)-E12-20251118	C0AL6	Soil/ START	Composite	PCB(3)	1217 (Cool to 6C) (1)	DU09 E12	11/18/2025 13:47	
BSA-DU09-CS(0-10)-E13-20251118	C0AL7	Soil/ START	Composite	PCB(3)	1218 (Cool to 6C) (1)	DU09 E13	11/18/2025 14:10	

Special Instructions: DU09 E samples

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: PCB=PCBs

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ENVIRONMENTAL SOIL SAMPLES	TETRA TECH	11/19/25 1630		9:52 11/20/25	IR Gun #1 2.8°C

Tetra Tech Project Outline: R37108 **PO #: Alliance-28**

Laboratory Address and Contact	Tetra Tech Project Lead	Sample Coordinator
Alliance Technical Group, LLC 284 Sheffield St Mountainside, NJ 07092 Yazmeen Gomez (908) 728-3147 Yazmeen.Gomez@alliancetg.com	Emily Mills Tetra Tech 240 Continental Drive Ste. 200 Newark, DE 19713 (610) 809-8171 Emily.mills@tetratech.com	Ava Heiss (302) 397-1105

Site location: Pennsylvania

Please reference **R37108** on all deliverables (L4 reports, EDDs, invoice, login acknowledgement).

Sample Numbers:

These are the alphanumeric ids listed on the Chain of Custody (COC) in the 2nd column (ex. C0AA0). Please use these ids for all sample login acknowledgement forms, reports, and EDDs.

Reporting Limits (RL):

Laboratory will report non-detects at the RLs (adjusted RLs to account for % moisture, dilutions, sample volume if applicable) in the reports and EDD files. Results for non-detects in the EDDs should not be an empty cell, but should be reported as the RL (adjusted as necessary) with a "U" qualifier in the lab qualifier column. Analytical results are to be reported for detections below the reporting limit (RL) down to the method detection limit with a "J" flag.

Deliverables: Email a **Level 2 and 4 report with EDDs in EQuIS* format** to Ava Heiss and Emily Mills.
Sampling Dates: November 13, 2025 – December 31, 2025
Turnaround Time: 72-Hr TAT for Preliminary Data; 15 BD-TAT for Level 2 and 4 reports with Equis EDDs

Parameter/Matrix	Method	Number of Samples
PCB Aroclors/Soil	SW8082A	416 samples
PCB Aroclors/Wipe	SW8082A	3 samples

*EDD file in EPA Region 2 format (i.e., EQuis EDD, in excel). For instructions, click link:
*Region 2 format is the same as Region 3 format
(

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312