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

Cover Page

Order ID : Q3419

Project ID : AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

Client : AECOM

Lab Sample Number	Client Sample Number
Q3419-01	PR-132-S16-015094-20251021
Q3419-02	Q3419-01MS
Q3419-03	Q3419-01MSD
Q3419-04	PR132-S16-119133-20251021
Q3419-05	PR132-S16-094119-20251021

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: 10/31/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

AECOM
Project Name: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Project # N/A
Order ID # Q3419
Test Name: PCB

A. Number of Samples and Date of Receipt:
5 Solid samples were received on 10/21/2025.

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID PO114667.D met the requirements except for Aroclor-1260(Peak-04) is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.

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

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_____

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3419 MATRIX: Solid

METHOD: 8082A/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. The Initial Calibration met the requirements. The Continuous Calibration File ID PO114667.D met the requirements except for Aroclor-1260(Peak-04) is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The MS recoveries met the requirements for all compounds. The MSD recoveries met the requirements for all compounds. The Blank Spike met requirements for all compounds. The RPD were met for all analysis.			✓
7.	Retention Time Shift Meet Criteria (if applicable) Comments:			✓
8.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:			✓
9.	Analysis Holding Time Met If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

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

_____ _____

QA REVIEW Date

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3419

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

QA Review Signature: SOHIL JODHANI **Date:** 10/31/2025

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

LAB CHRONICLE

OrderID:	Q3419	**OrderDate:**	10/22/2025 11:01:00 AM
Client:	AECOM	**Project:**	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795 [illegible]
Contact:	Rob Forstner	**Location:**	Dock/Dock Refl. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3419-01	**PR-132-S16-015094-2 0251021**	**SOIL**			**10/21/25**			**10/21/25**
			PCB	8082A		10/23/25	10/27/25	
			Pesticide-TCL	8081B		10/23/25	10/23/25	
Q3419-04	**PR132-S16-119133-2 0251021**	**SOIL**			**10/21/25**			**10/21/25**
			PCB	8082A		10/23/25	10/24/25	
			Pesticide-TCL	8081B		10/23/25	10/23/25	
Q3419-05	**PR132-S16-094119-2 0251021**	**SOIL**			**10/21/25**			**10/21/25**
			PCB	8082A		10/23/25	10/24/25	
			Pesticide-TCL	8081B		10/23/25	10/23/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3419 **Order ID:** Q3419

Client: AECOM **Project ID:** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PR-132-S16-015094-20251021								
Q3419-01	PR-132-S16-015094-2	SOIL	Aroclor-1242	26.7	J	7.30	31.2	ug/kg
			Total Concentration:	**26.700**				
Client ID : PR132-S16-094119-20251021								
Q3419-05	PR132-S16-094119-2(	SOIL	Aroclor-1242	107		8.50	36.2	ug/kg
Q3419-05	PR132-S16-094119-2(	SOIL	Aroclor-1254	53.4		6.80	36.2	ug/kg
			Total Concentration:	**160.400**				

QC
SUMMARY

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

Surrogate Summary

SDG No.: Q3419

Client: AECOM

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO114312.D	PIBLK-PO114312.D	Tetrachloro-m-xyl	1	20	18.6	93		60	140
		Decachlorobiphen	1	20	19.2	96		60	140
		Tetrachloro-m-xyl	2	20	18.9	94		60	140
		Decachlorobiphen	2	20	19.0	95		60	140
I.BLK-PO114656.D	PIBLK-PO114656.D	Tetrachloro-m-xyl	1	20	21.5	107		60	140
		Decachlorobiphen	1	20	21.1	106		60	140
		Tetrachloro-m-xyl	2	20	19.8	99		60	140
		Decachlorobiphen	2	20	21.2	106		60	140
Q3419-04	PR132-S16-119133-20251021	Tetrachloro-m-xyl	1	20	22.6	113		32	144
		Decachlorobiphen	1	20	22.5	112		32	175
		Tetrachloro-m-xyl	2	20	21.1	106		32	144
		Decachlorobiphen	2	20	20.5	103		32	175
Q3419-05	PR132-S16-094119-20251021	Tetrachloro-m-xyl	1	20	17.0	85		32	144
		Decachlorobiphen	1	20	19.6	98		32	175
		Tetrachloro-m-xyl	2	20	17.8	89		32	144
		Decachlorobiphen	2	20	20.2	101		32	175
I.BLK-PO114671.D	PIBLK-PO114671.D	Tetrachloro-m-xyl	1	20	21.4	107		60	140
		Decachlorobiphen	1	20	20.6	103		60	140
		Tetrachloro-m-xyl	2	20	19.4	97		60	140
		Decachlorobiphen	2	20	20.5	103		60	140
I.BLK-PP075887.D	PIBLK-PP075887.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	20.4	102		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	19.3	96		60	140
I.BLK-PP076016.D	PIBLK-PP076016.D	Tetrachloro-m-xyl	1	20	26.3	131		60	140
		Decachlorobiphen	1	20	28.7	143	*	60	140
		Tetrachloro-m-xyl	2	20	25.0	125		60	140
		Decachlorobiphen	2	20	25.2	126		60	140
PB170234BL	PB170234BL	Tetrachloro-m-xyl	1	20	26.0	130		32	144
		Decachlorobiphen	1	20	28.3	142		32	175
		Tetrachloro-m-xyl	2	20	19.2	96		32	144
		Decachlorobiphen	2	20	24.3	122		32	175
PB170234BS	PB170234BS	Tetrachloro-m-xyl	1	20	26.0	130		32	144
		Decachlorobiphen	1	20	27.9	140		32	175
		Tetrachloro-m-xyl	2	20	23.8	119		32	144
		Decachlorobiphen	2	20	23.8	119		32	175
I.BLK-PP076031.D	PIBLK-PP076031.D	Tetrachloro-m-xyl	1	20	21.1	105		60	140
		Decachlorobiphen	1	20	23.5	117		60	140
		Tetrachloro-m-xyl	2	20	18.7	94		60	140
		Decachlorobiphen	2	20	18.2	91		60	140
I.BLK-PQ070972.D	PIBLK-PQ070972.D	Tetrachloro-m-xyl	1	20	18.3	91		60	140

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

Surrogate Summary

SDG No.: Q3419

Client: AECOM

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PQ070972.D	PIBLK-PQ070972.D	Decachlorobiphen	1	20	19.0	95		60	140
		Tetrachloro-m-xyl	2	20	19.1	96		60	140
		Decachlorobiphen	2	20	19.4	97		60	140
I.BLK-PQ071150.D	PIBLK-PQ071150.D	Tetrachloro-m-xyl	1	20	22.5	113		60	140
		Decachlorobiphen	1	20	25.7	129		60	140
		Tetrachloro-m-xyl	2	20	19.9	100		60	140
		Decachlorobiphen	2	20	24.5	122		60	140
Q3419-01	PR-132-S16-015094-20251021	Tetrachloro-m-xyl	1	20	20.1	101		32	144
		Decachlorobiphen	1	20	19.4	97		32	175
		Tetrachloro-m-xyl	2	20	18.4	92		32	144
		Decachlorobiphen	2	20	18.4	92		32	175
Q3419-02MS	PR-132-S16-015094-20251021M	Tetrachloro-m-xyl	1	20	24.8	124		32	144
		Decachlorobiphen	1	20	26.0	130		32	175
		Tetrachloro-m-xyl	2	20	21.1	106		32	144
		Decachlorobiphen	2	20	23.8	119		32	175
Q3419-03MSD	PR-132-S16-015094-20251021M	Tetrachloro-m-xyl	1	20	24.8	124		32	144
		Decachlorobiphen	1	20	25.9	129		32	175
		Tetrachloro-m-xyl	2	20	21.2	106		32	144
		Decachlorobiphen	2	20	23.7	118		32	175
I.BLK-PQ071165.D	PIBLK-PQ071165.D	Tetrachloro-m-xyl	1	20	20.3	102		60	140
		Decachlorobiphen	1	20	23.5	117		60	140
		Tetrachloro-m-xyl	2	20	18.4	92		60	140
		Decachlorobiphen	2	20	22.2	111		60	140

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3419 **Analytical Method:** 8082A

Client: AECOM **DataFile :** PQ071159.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3419-02MS (Column 1)**	**Client Sample ID:**		**PR-132-S16-015094-202510**								
	AR1016	306	0	325	ug/kg	106				55	146	
	AR1260	306	0	282	ug/kg	92				54	119	
Lab Sample ID:	**Q3419-02MS (Column 2)**	**Client Sample ID:**		**PR-132-S16-015094-202510**								
	AR1016	306	0	269	ug/kg	88				55	146	
	AR1260	306	0	235	ug/kg	77				54	119	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3419 **Analytical Method:** 8082A

Client: AECOM **DataFile :** PQ071160.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3419-03MSD (Column 1)**	**Client Sample ID:**		**PR-132-S16-015094-202510**								
	AR1016	305.8	0	324	ug/kg	106		0		55	146	15
	AR1260	305.8	0	281	ug/kg	92		0		54	119	15
Lab Sample ID:	**Q3419-03MSD (Column 2)**	**Client Sample ID:**		**PR-132-S16-015094-202510**								
	AR1016	305.8	0	271	ug/kg	89		1		55	146	15
	AR1260	305.8	0	234	ug/kg	77		0		54	119	15

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3419 **Analytical Method:** 8082A

Client: AECOM **Datafile :** PP076018.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170234BS (Column 1)	AR1016	166.5	141	ug/kg	85				71	120	
	AR1260	166.5	149	ug/kg	89				65	130	
PB170234BS (Column 2)	AR1016	166.5	134	ug/kg	80				71	120	
	AR1260	166.5	146	ug/kg	88				65	130	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170234BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3419

Lab Sample ID: PB170234BL | Lab File ID: PP076017.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/23/2025

Date Analyzed (1): 10/24/2025 | Date Analyzed (2): 10/24/2025

Time Analyzed (1): 10:34 | Time Analyzed (2): 10:34

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PR132-S16-119133-20251021	Q3419-04	PO114662.D	10/24/2025	10/24/2025
PR132-S16-094119-20251021	Q3419-05	PO114663.D	10/24/2025	10/24/2025
PB170234BS	PB170234BS	PP076018.D	10/24/2025	10/24/2025
PR-132-S16-015094-20251021	Q3419-01	PQ071158.D	10/27/2025	10/27/2025
PR-132-S16-015094-20251021MS	Q3419-02MS	PQ071159.D	10/27/2025	10/27/2025
PR-132-S16-015094-20251021MSD	Q3419-03MSD	PQ071160.D	10/27/2025	10/27/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PQ071158.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021	SDG No.:	Q3419
Lab Sample ID:	Q3419-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	54.4
Sample Wt/Vol:	30.09 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	31.2	U	1	7.20	31.2	ug/kg	10/27/25 11:08	PB170234
11104-28-2	Aroclor-1221	31.2	U	1	7.40	31.2	ug/kg	10/27/25 11:08	PB170234
11141-16-5	Aroclor-1232	31.2	U	1	6.80	31.2	ug/kg	10/27/25 11:08	PB170234
53469-21-9	Aroclor-1242	26.7	J	1	7.30	31.2	ug/kg	10/27/25 11:08	PB170234
12672-29-6	Aroclor-1248	31.2	U	1	10.8	31.2	ug/kg	10/27/25 11:08	PB170234
11097-69-1	Aroclor-1254	31.2	U	1	5.90	31.2	ug/kg	10/27/25 11:08	PB170234
37324-23-5	Aroclor-1262	31.2	U	1	9.20	31.2	ug/kg	10/27/25 11:08	PB170234
11100-14-4	Aroclor-1268	31.2	U	1	6.60	31.2	ug/kg	10/27/25 11:08	PB170234
11096-82-5	Aroclor-1260	31.2	U	1	5.90	31.2	ug/kg	10/27/25 11:08	PB170234
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.1			32 - 144	101%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.4			32 - 175	97%	SPK: 20		

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

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

Sample Results: **PQ071158.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071158.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 11:08
Operator : YP\AJ
Sample : Q3419-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:33:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.399	2.776	87614284	93199879	20.140	18.346
2)	SA Decachlor...	8.495	7.531	56423446	92905477	19.430	18.399
	Target Compounds						
16)	L4 AR-1242-1	4.479	3.774	4410715	5265938	37.080m	32.334m
17)	L4 AR-1242-2	4.497	3.790	8549961	8239154	44.832m	34.134m
18)	L4 AR-1242-3	4.554	3.950	3352584	3955676	28.198m	30.008m
19)	L4 AR-1242-4	4.643	4.036	4472154	5778751	44.921m	50.439m
20)	L4 AR-1242-5	5.351	4.531	4996101	11451537	63.465	65.761

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071158.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 11:08
Operator : YP\AJ
Sample : Q3419-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

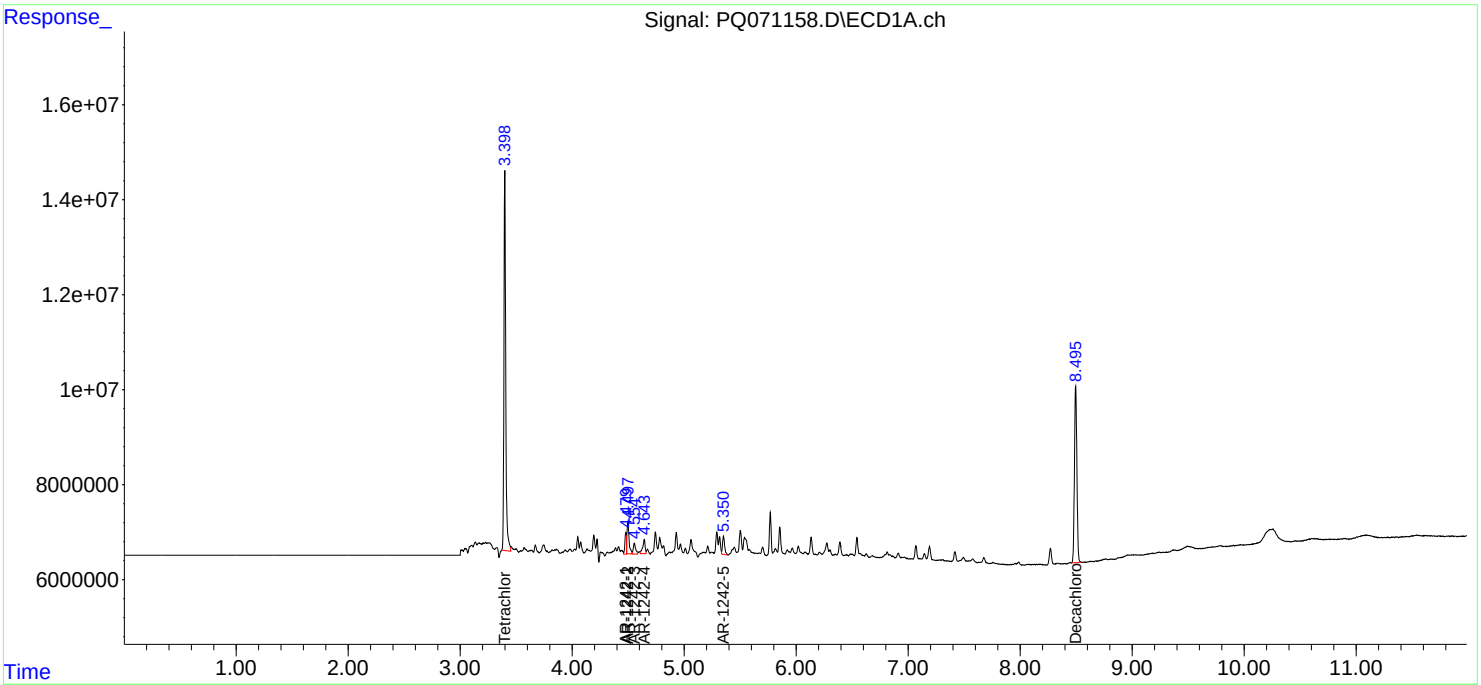
Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021

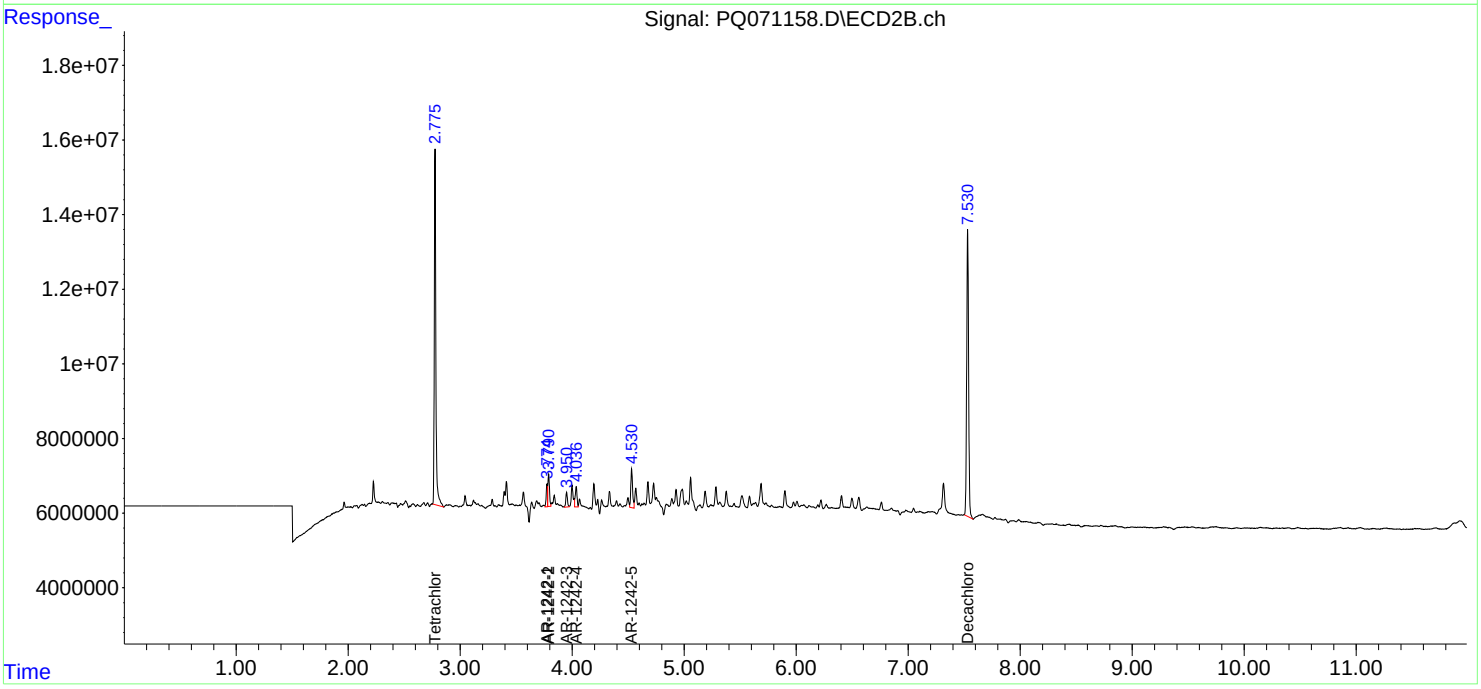
Manual Integrations APPROVED

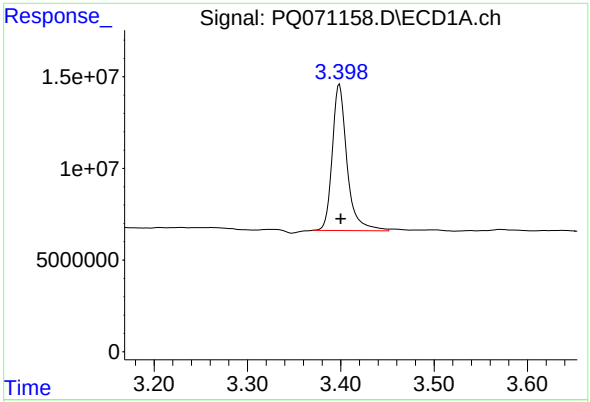
Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:33:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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







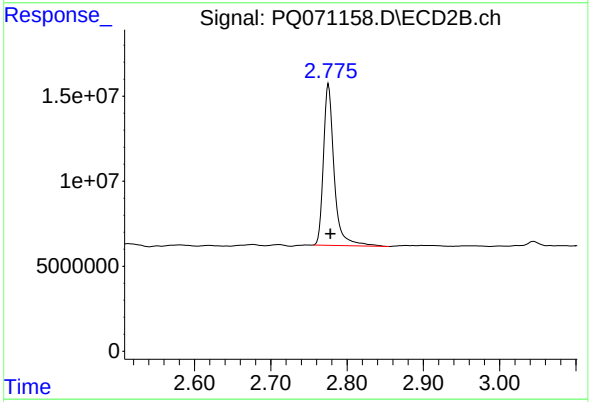
#1 Tetrachloro-m-xylene

R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 87614284
Conc: 20.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021

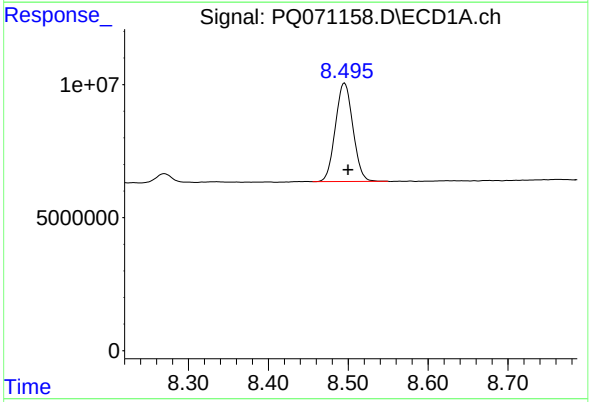
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



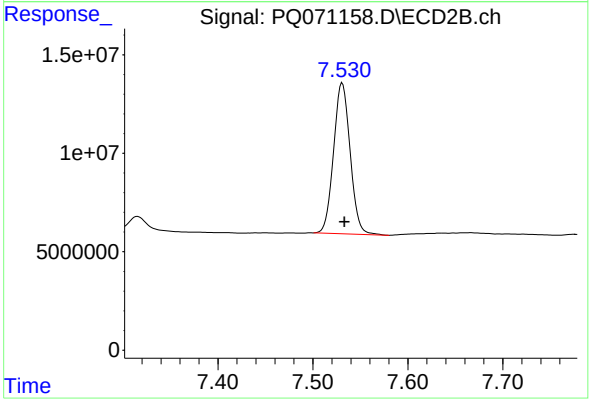
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.003 min
Response: 93199879
Conc: 18.35 ng/ml



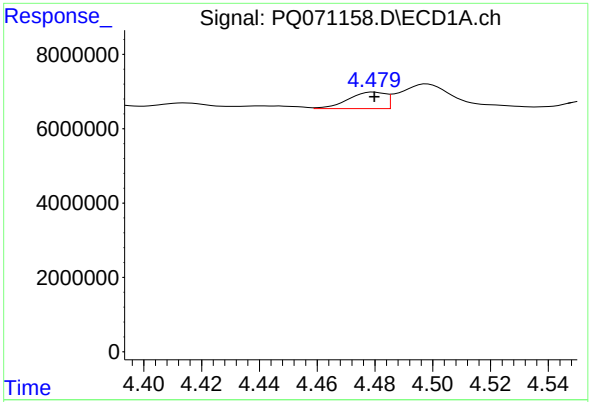
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 56423446
Conc: 19.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 92905477
Conc: 18.40 ng/ml



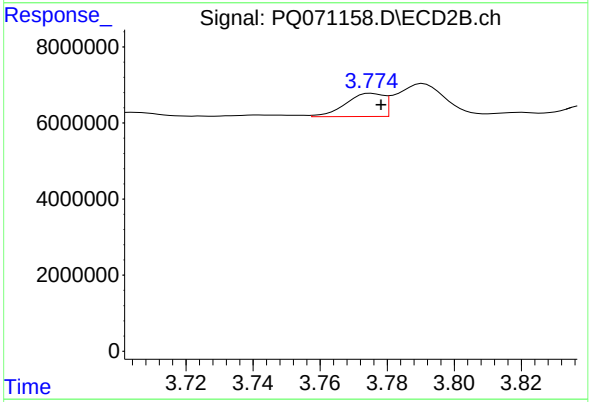
#16 AR-1242-1

R.T.: 4.479 min
Delta R.T.: -0.001 min
Response: 4410715
Conc: 37.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021

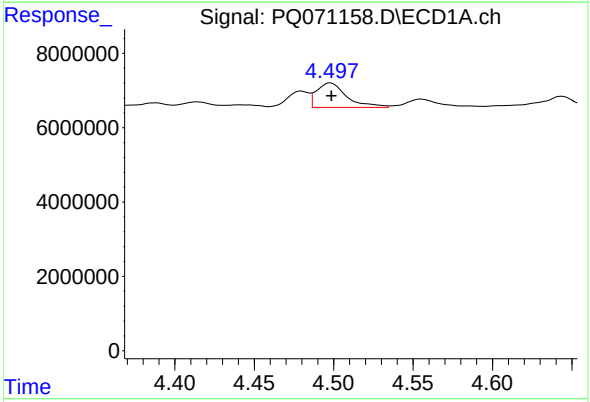
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



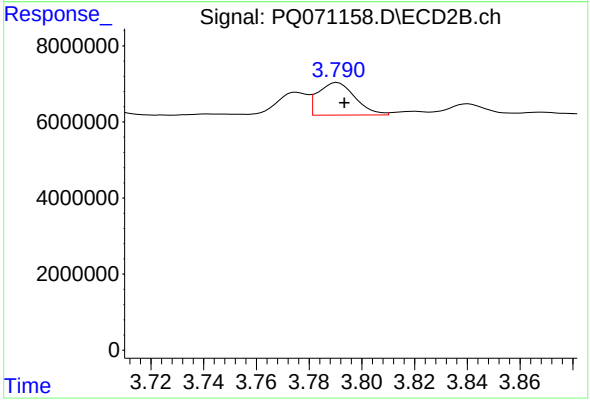
#16 AR-1242-1

R.T.: 3.774 min
Delta R.T.: -0.004 min
Response: 5265938
Conc: 32.33 ng/ml m



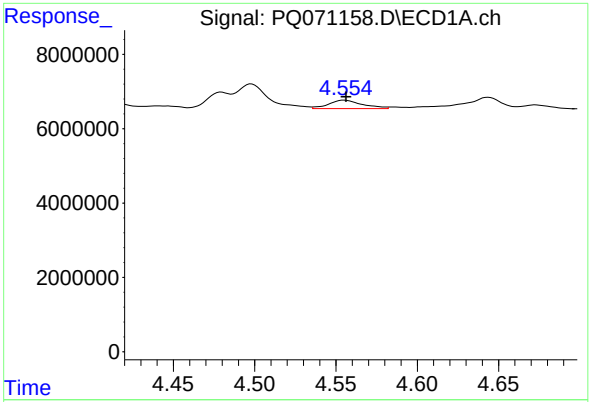
#17 AR-1242-2

R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 8549961
Conc: 44.83 ng/ml m



#17 AR-1242-2

R.T.: 3.790 min
Delta R.T.: -0.003 min
Response: 8239154
Conc: 34.13 ng/ml m



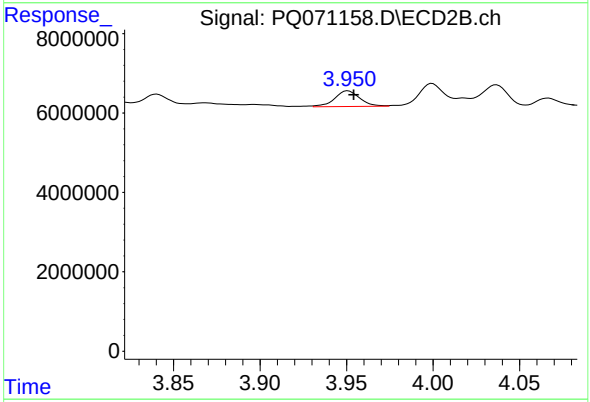
#18 AR-1242-3

R.T.: 4.554 min
Delta R.T.: -0.002 min
Response: 3352584
Conc: 28.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021

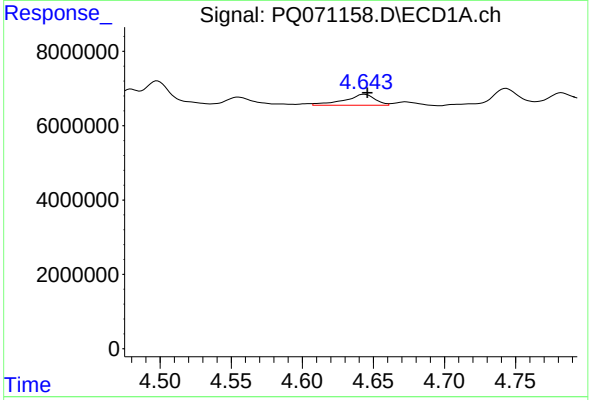
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



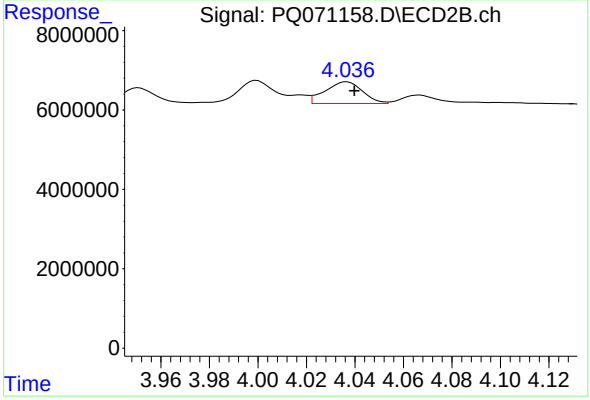
#18 AR-1242-3

R.T.: 3.950 min
Delta R.T.: -0.004 min
Response: 3955676
Conc: 30.01 ng/ml m



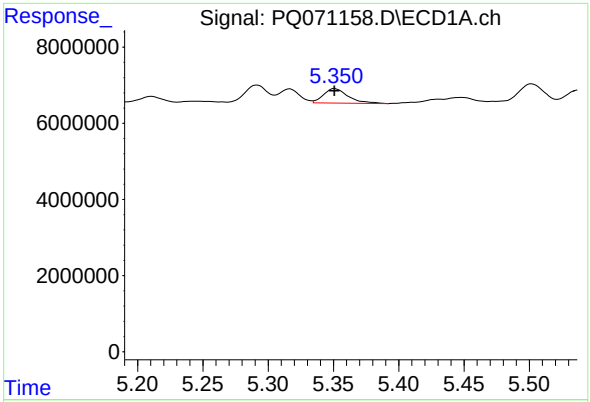
#19 AR-1242-4

R.T.: 4.643 min
Delta R.T.: -0.003 min
Response: 4472154
Conc: 44.92 ng/ml m



#19 AR-1242-4

R.T.: 4.036 min
Delta R.T.: -0.004 min
Response: 5778751
Conc: 50.44 ng/ml m



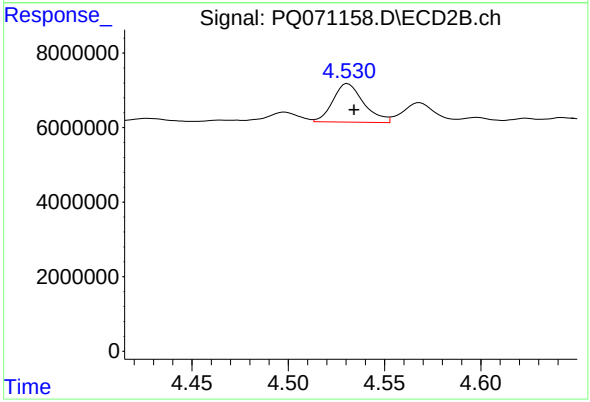
#20 AR-1242-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 4996101
Conc: 63.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



#20 AR-1242-5

R.T.: 4.531 min
Delta R.T.: -0.003 min
Response: 11451537
Conc: 65.76 ng/ml

Raw Data: **PO114662.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR132-S16-119133-20251021	SDG No.:	Q3419
Lab Sample ID:	Q3419-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	51.7
Sample Wt/Vol:	30.03 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	32.8	U	1	7.60	32.8	ug/kg	10/24/25 12:14	PB170234
11104-28-2	Aroclor-1221	32.8	U	1	7.80	32.8	ug/kg	10/24/25 12:14	PB170234
11141-16-5	Aroclor-1232	32.8	U	1	7.20	32.8	ug/kg	10/24/25 12:14	PB170234
53469-21-9	Aroclor-1242	32.8	U	1	7.70	32.8	ug/kg	10/24/25 12:14	PB170234
12672-29-6	Aroclor-1248	32.8	U	1	11.4	32.8	ug/kg	10/24/25 12:14	PB170234
11097-69-1	Aroclor-1254	32.8	U	1	6.20	32.8	ug/kg	10/24/25 12:14	PB170234
37324-23-5	Aroclor-1262	32.8	U	1	9.70	32.8	ug/kg	10/24/25 12:14	PB170234
11100-14-4	Aroclor-1268	32.8	U	1	7.00	32.8	ug/kg	10/24/25 12:14	PB170234
11096-82-5	Aroclor-1260	32.8	U	1	6.20	32.8	ug/kg	10/24/25 12:14	PB170234
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.6			32 - 144	113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.5			32 - 175	112%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102425\
Data File : PO114662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 12:14
Operator : YP/AJ
Sample : Q3419-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PR132-S16-119133-20251021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 13:26:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.352	3.655	122.9E6	84635155	22.642	21.147
2)	SA Decachlor...	9.934	8.651	81790210	68406444	22.463	20.523
	Target Compounds						

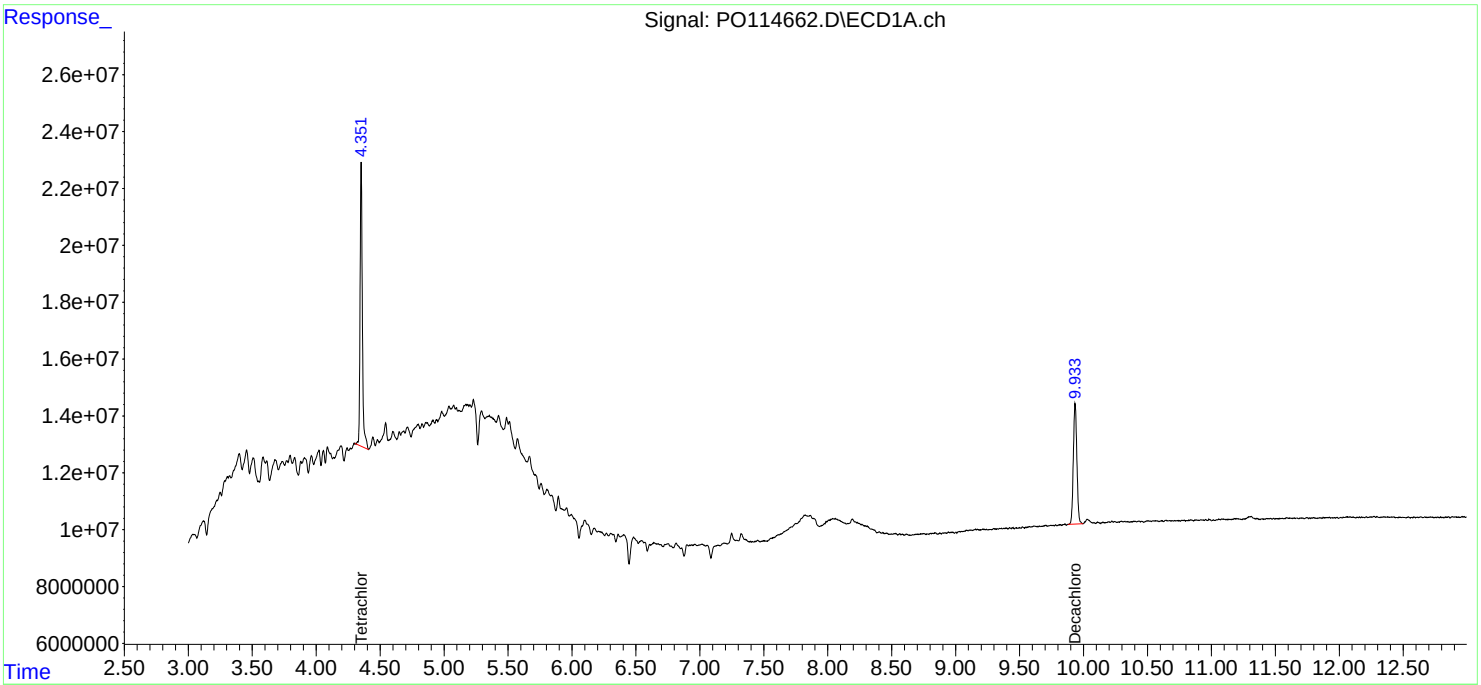
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

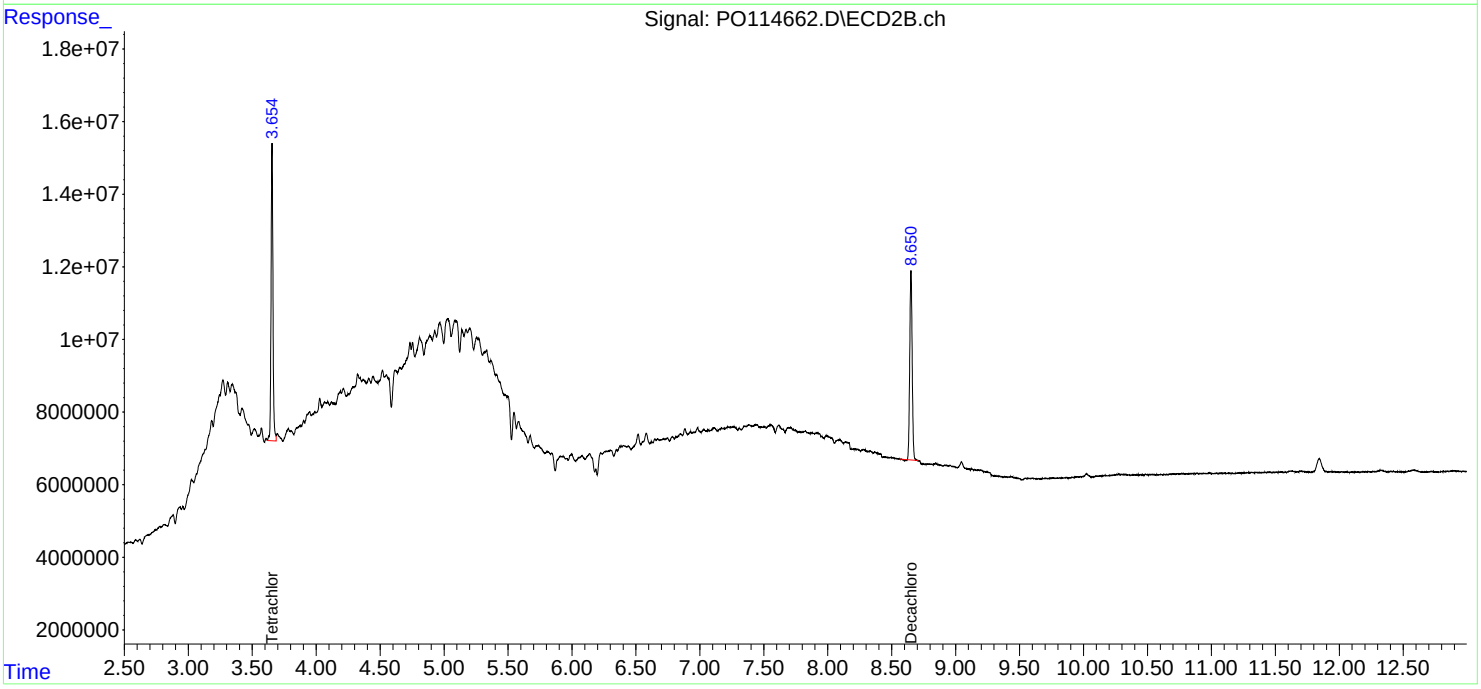
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102425\
Data File : PO114662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 12:14
Operator : YP/AJ
Sample : Q3419-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

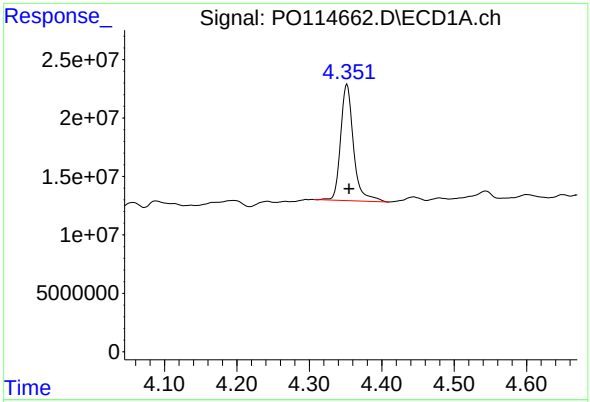
Instrument :
ECD_O
ClientSampleId :
PR132-S16-119133-20251021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 13:26:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



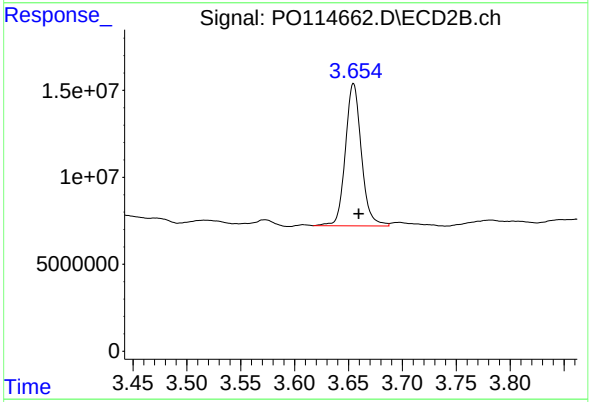




#1 Tetrachloro-m-xylene

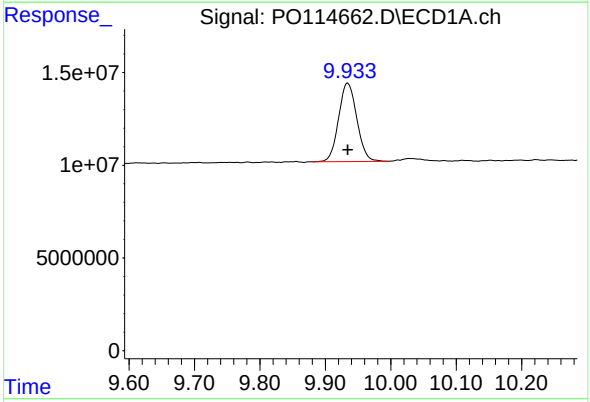
R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 122921274
Conc: 22.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S16-119133-20251021



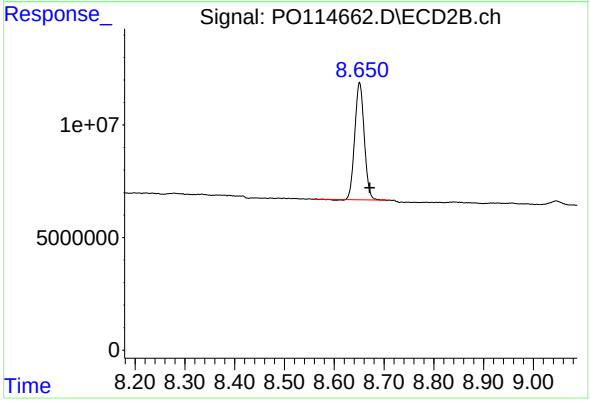
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: -0.005 min
Response: 84635155
Conc: 21.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 81790210
Conc: 22.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.651 min
Delta R.T.: -0.020 min
Response: 68406444
Conc: 20.52 ng/ml

Raw Data: **PO114663.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR132-S16-094119-20251021	SDG No.:	Q3419
Lab Sample ID:	Q3419-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	46.9
Sample Wt/Vol:	30.07 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	36.2	U	1	8.40	36.2	ug/kg	10/24/25 12:32	PB170234
11104-28-2	Aroclor-1221	36.2	U	1	8.60	36.2	ug/kg	10/24/25 12:32	PB170234
11141-16-5	Aroclor-1232	36.2	U	1	7.90	36.2	ug/kg	10/24/25 12:32	PB170234
53469-21-9	Aroclor-1242	107		1	8.50	36.2	ug/kg	10/24/25 12:32	PB170234
12672-29-6	Aroclor-1248	36.2	U	1	12.6	36.2	ug/kg	10/24/25 12:32	PB170234
11097-69-1	Aroclor-1254	53.4		1	6.80	36.2	ug/kg	10/24/25 12:32	PB170234
37324-23-5	Aroclor-1262	36.2	U	1	10.7	36.2	ug/kg	10/24/25 12:32	PB170234
11100-14-4	Aroclor-1268	36.2	U	1	7.70	36.2	ug/kg	10/24/25 12:32	PB170234
11096-82-5	Aroclor-1260	36.2	U	1	6.90	36.2	ug/kg	10/24/25 12:32	PB170234
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.8			32 - 144	89%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.2			32 - 175	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

Sample Results: **PO114663.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102425\
Data File : PO114663.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 12:32
Operator : YP/AJ
Sample : Q3419-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PR132-S16-094119-20251021

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 13:40:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.351	3.654	92486275	71188128	17.036m	17.787m
2)	SA Decachlor...	9.936	8.651	71192253	67264493	19.552	20.180
	Target Compounds						
16)	L4 AR-1242-1	5.490	4.734	18997803	13810185	144.400m	105.734 #
17)	L4 AR-1242-2	5.511	4.753	32497157	16847104	148.016m	90.194 #
18)	L4 AR-1242-3	5.573	4.928	13175721	13994589	106.833m	146.227 #
19)	L4 AR-1242-4	5.669	5.014	14294201	18121761	139.327	196.243 #
20)	L4 AR-1242-5	6.397	5.535	18283154	26501488	157.839	216.232m#
26)	L6 AR-1254-1	6.331	5.535	15767379	26977434	90.382	101.536m
27)	L6 AR-1254-2	6.549	5.680	27298708	16290292	107.177	68.380m#
28)	L6 AR-1254-3	6.909	6.082	26371687	23076353	91.270m	65.113m#
29)	L6 AR-1254-4	7.191	6.308	9426654	11269190	39.834m	43.653m
30)	L6 AR-1254-5	7.605	6.727	10558811	10559226	48.109	32.977 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102425\
Data File : PO114663.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 12:32
Operator : YP/AJ
Sample : Q3419-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

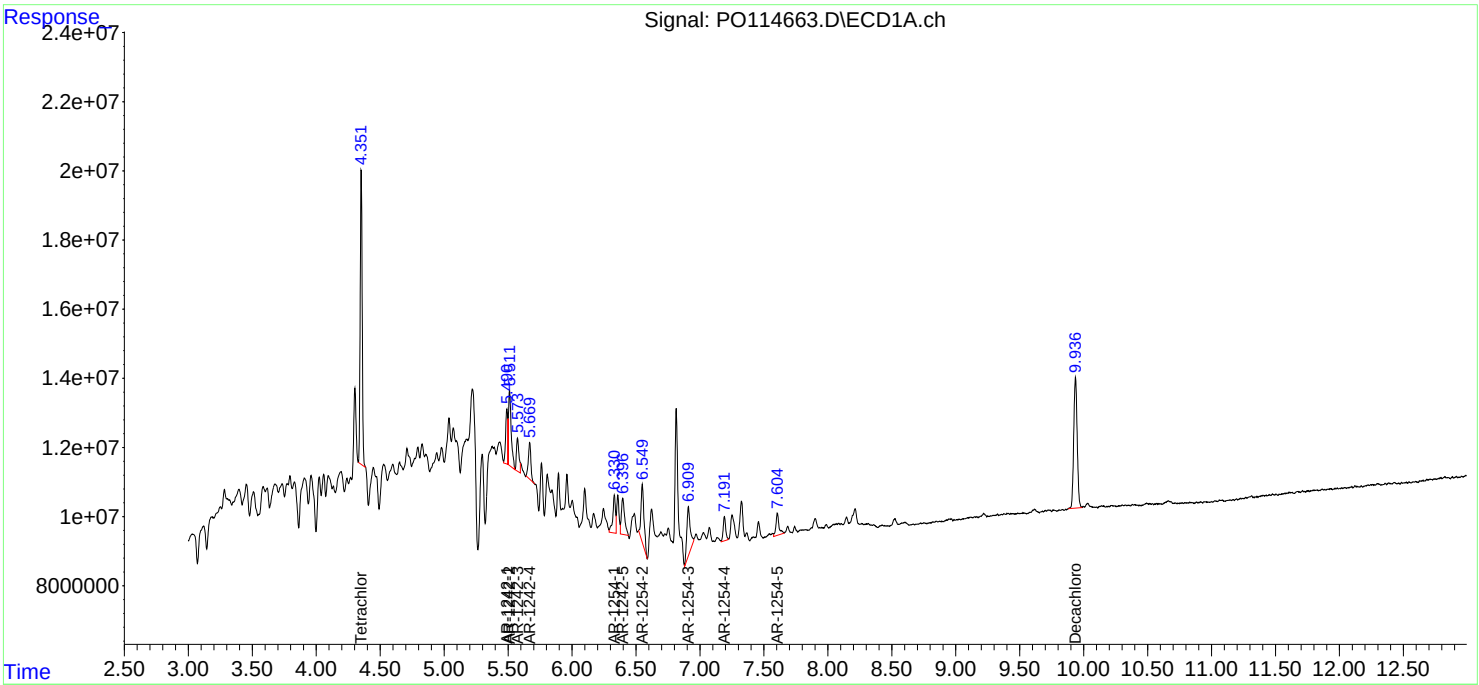
Instrument :
ECD_O
ClientSampleId :
PR132-S16-094119-20251021

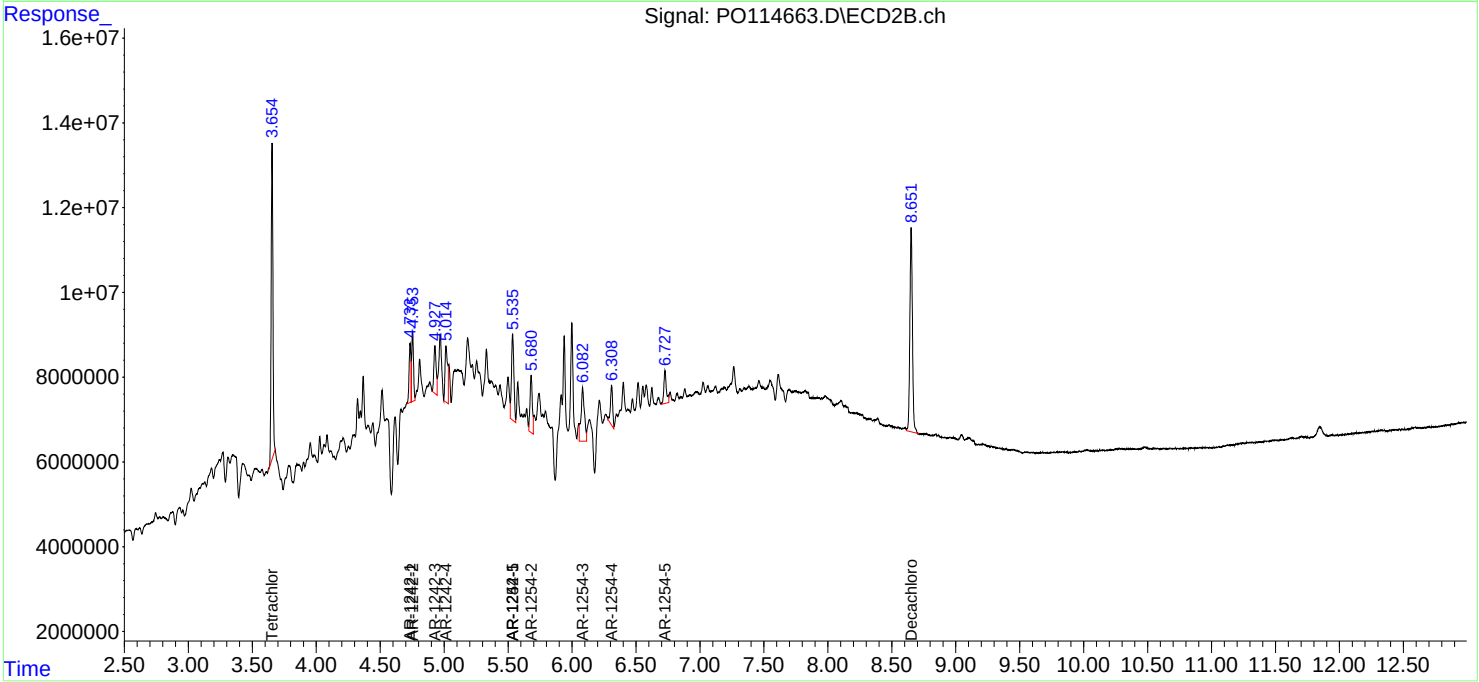
Manual Integrations APPROVED

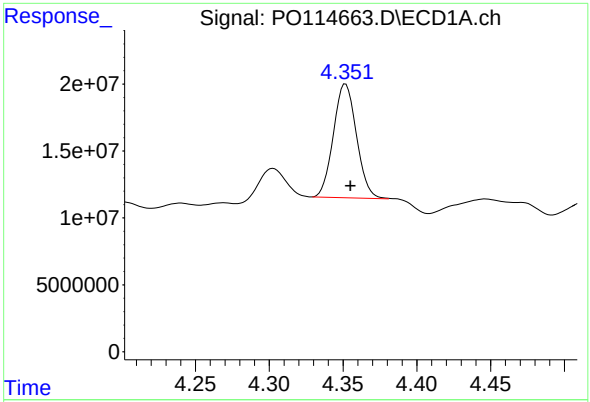
Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 13:40:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







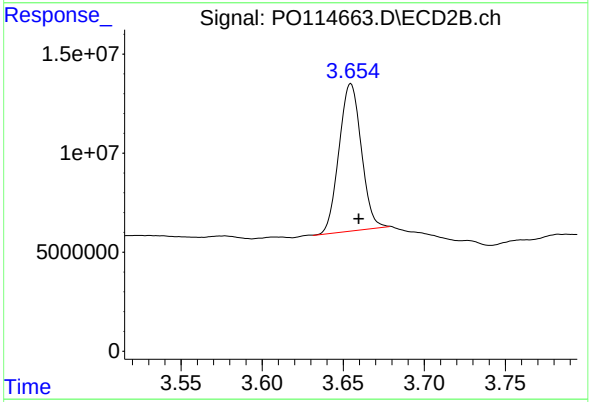
#1 Tetrachloro-m-xylene

R.T.: 4.351 min
Delta R.T.: -0.004 min
Response: 92486275
Conc: 17.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S16-094119-20251021

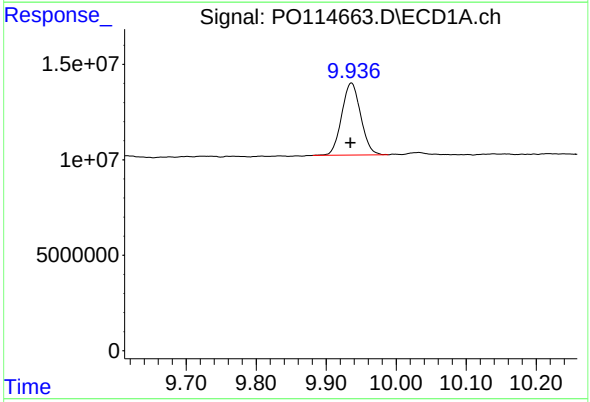
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



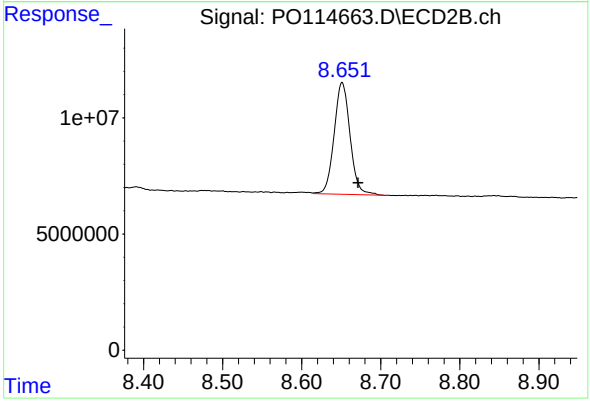
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.005 min
Response: 71188128
Conc: 17.79 ng/ml m



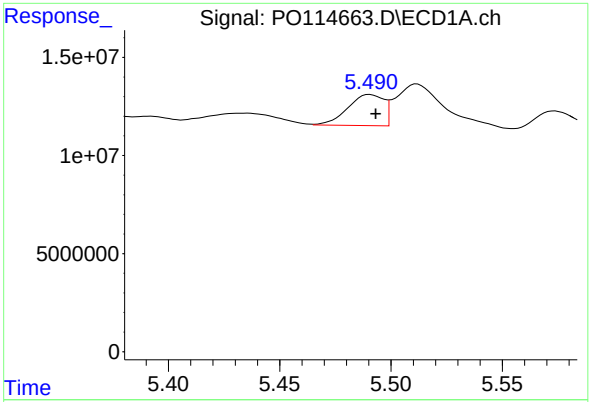
#2 Decachlorobiphenyl

R.T.: 9.936 min
Delta R.T.: 0.002 min
Response: 71192253
Conc: 19.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.651 min
Delta R.T.: -0.020 min
Response: 67264493
Conc: 20.18 ng/ml



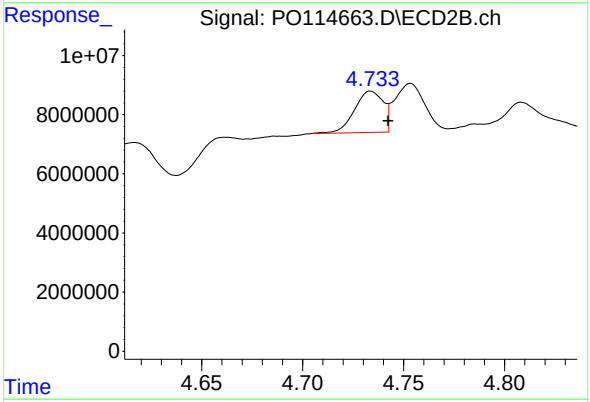
#16 AR-1242-1

R.T.: 5.490 min
Delta R.T.: -0.003 min
Response: 18997803
Conc: 144.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S16-094119-20251021

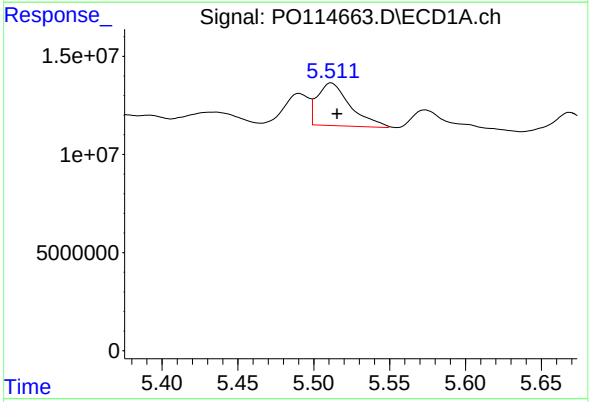
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



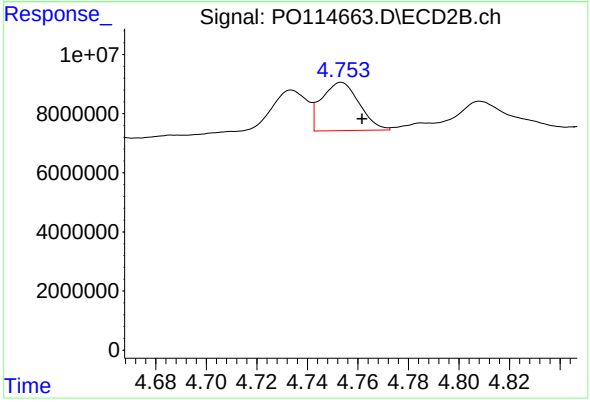
#16 AR-1242-1

R.T.: 4.734 min
Delta R.T.: -0.009 min
Response: 13810185
Conc: 105.73 ng/ml



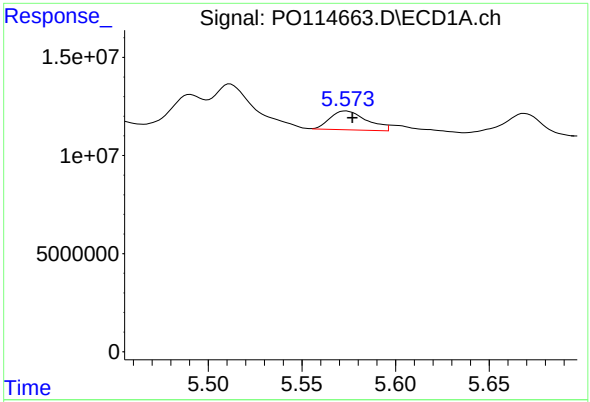
#17 AR-1242-2

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 32497157
Conc: 148.02 ng/ml m



#17 AR-1242-2

R.T.: 4.753 min
Delta R.T.: -0.008 min
Response: 16847104
Conc: 90.19 ng/ml



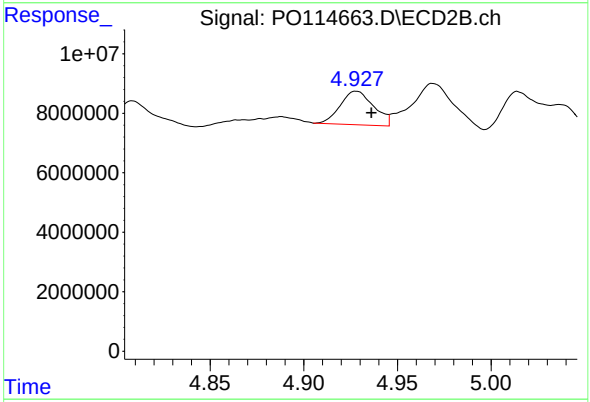
#18 AR-1242-3

R.T.: 5.573 min
Delta R.T.: -0.004 min
Response: 13175721
Conc: 106.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S16-094119-20251021

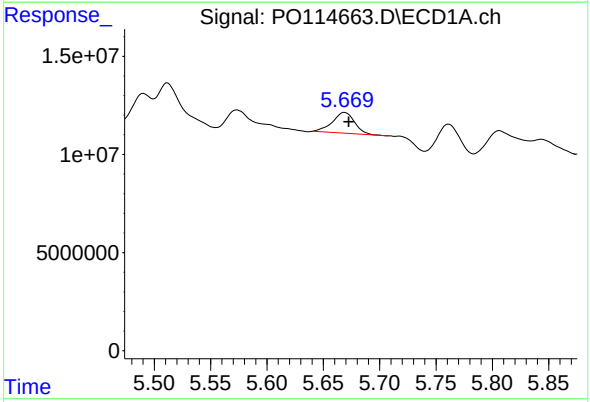
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



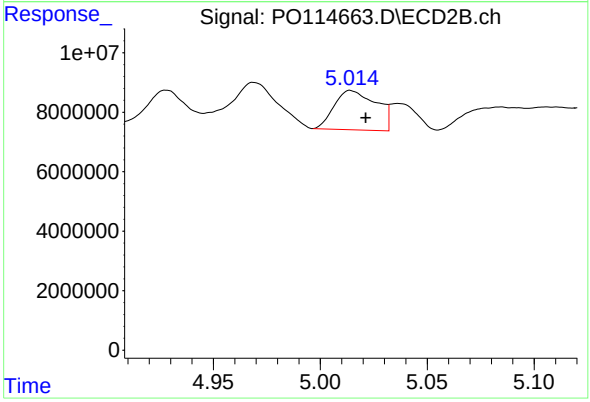
#18 AR-1242-3

R.T.: 4.928 min
Delta R.T.: -0.008 min
Response: 13994589
Conc: 146.23 ng/ml



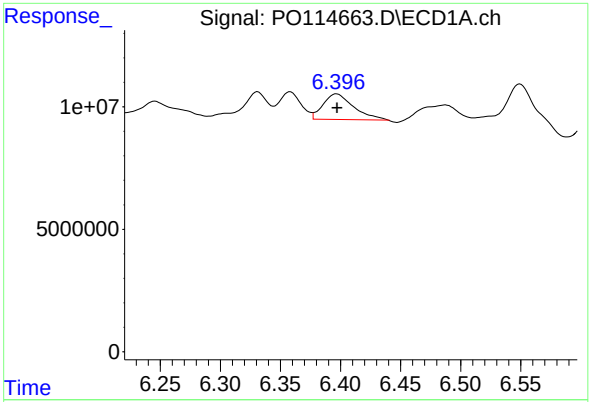
#19 AR-1242-4

R.T.: 5.669 min
Delta R.T.: -0.004 min
Response: 14294201
Conc: 139.33 ng/ml



#19 AR-1242-4

R.T.: 5.014 min
Delta R.T.: -0.007 min
Response: 18121761
Conc: 196.24 ng/ml



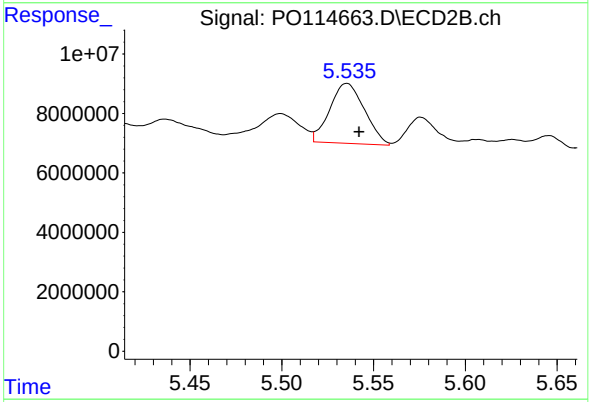
#20 AR-1242-5

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 18283154
Conc: 157.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S16-094119-20251021

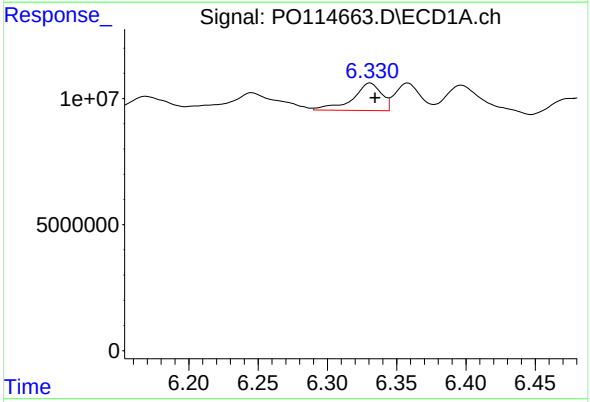
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



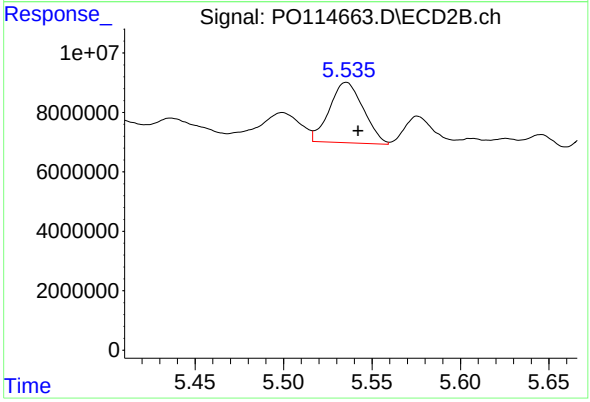
#20 AR-1242-5

R.T.: 5.535 min
Delta R.T.: -0.007 min
Response: 26501488
Conc: 216.23 ng/ml m



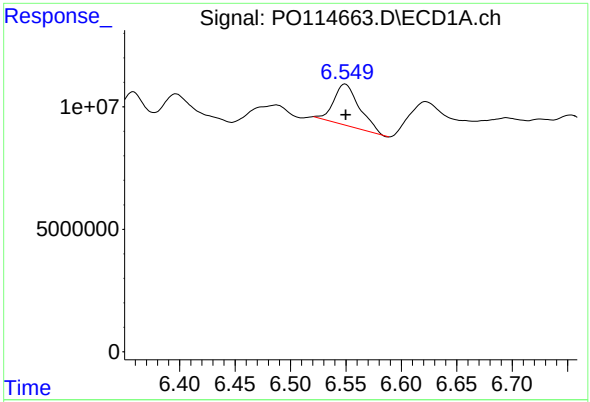
#26 AR-1254-1

R.T.: 6.331 min
Delta R.T.: -0.003 min
Response: 15767379
Conc: 90.38 ng/ml



#26 AR-1254-1

R.T.: 5.535 min
Delta R.T.: -0.007 min
Response: 26977434
Conc: 101.54 ng/ml m



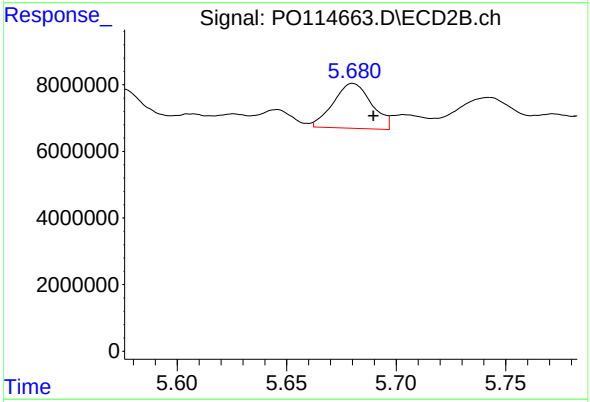
#27 AR-1254-2

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 27298708
Conc: 107.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S16-094119-20251021

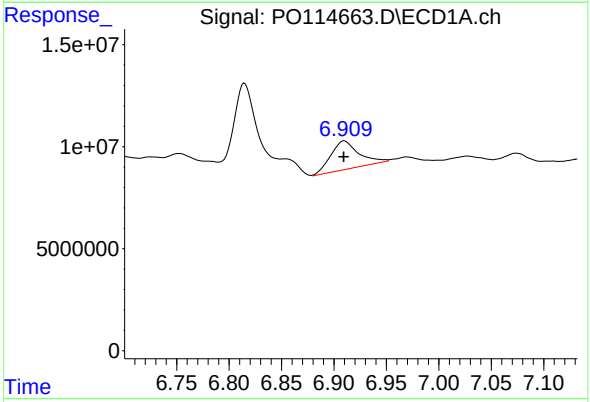
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



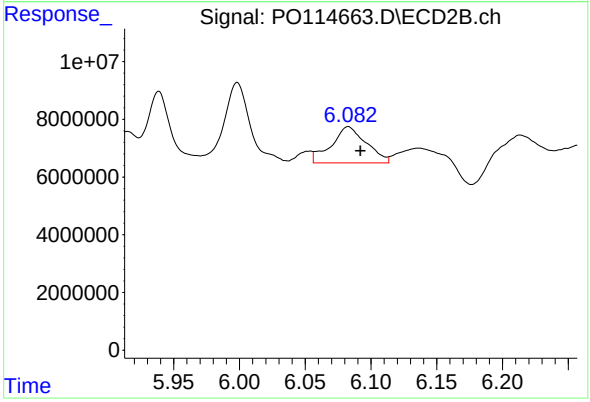
#27 AR-1254-2

R.T.: 5.680 min
Delta R.T.: -0.010 min
Response: 16290292
Conc: 68.38 ng/ml m



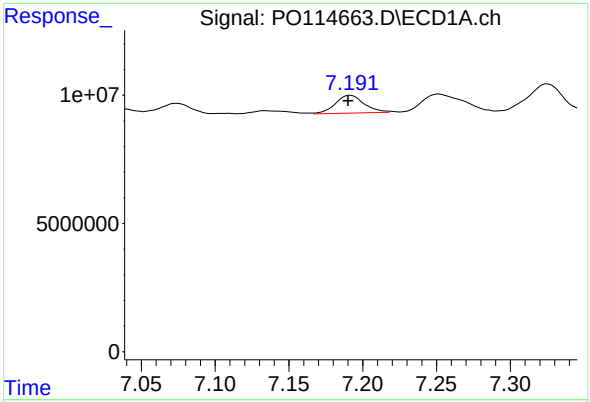
#28 AR-1254-3

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 26371687
Conc: 91.27 ng/ml m



#28 AR-1254-3

R.T.: 6.082 min
Delta R.T.: -0.009 min
Response: 23076353
Conc: 65.11 ng/ml m



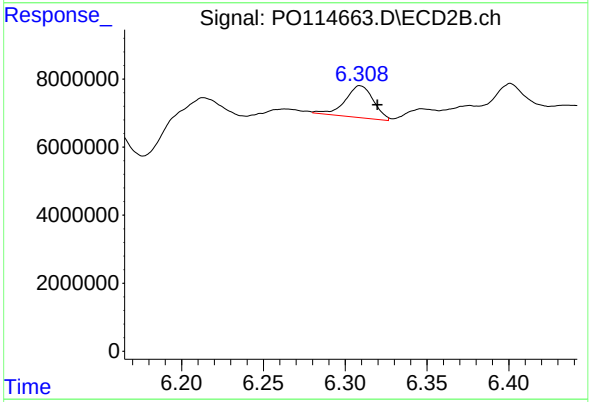
#29 AR-1254-4

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 9426654
Conc: 39.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S16-094119-20251021

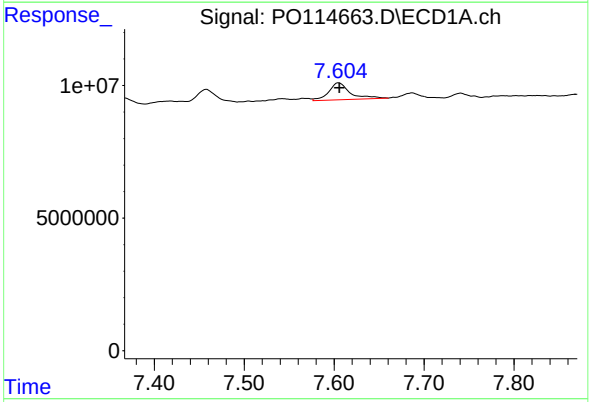
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



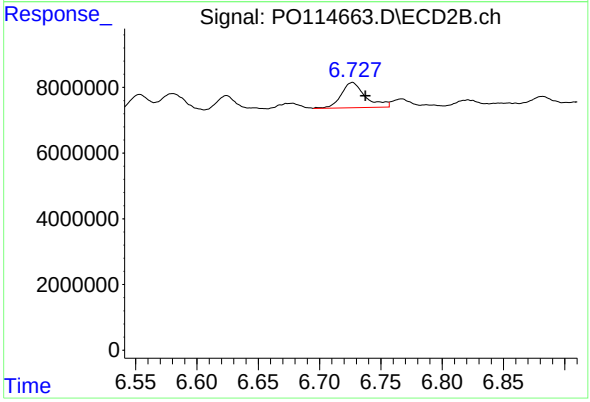
#29 AR-1254-4

R.T.: 6.308 min
Delta R.T.: -0.011 min
Response: 11269190
Conc: 43.65 ng/ml m



#30 AR-1254-5

R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 10558811
Conc: 48.11 ng/ml



#30 AR-1254-5

R.T.: 6.727 min
Delta R.T.: -0.011 min
Response: 10559226
Conc: 32.98 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_O **Calibration Date(s):** 10/09/2025 10/09/2025

Calibration Times: 14:14 22:29

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

LAB FILE ID: RT 1000 = PO114313.D RT 750 = PO114314.D

RT 500 = PO114315.D RT 250 = PO114316.D RT 050 = PO114317.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)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
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)	7.08	7.08	7.08	7.08	7.07	7.08	6.98	7.18
Aroclor-1260-2	(2)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Aroclor-1260-3	(3)	7.69	7.69	7.69	7.69	7.69	7.69	7.59	7.79
Aroclor-1260-4	(4)	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
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		4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
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	5.52	5.51	5.51	5.51	5.41	5.61
Aroclor-1242-3	(3)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1242-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-5	(5)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
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)	6.36	6.36	6.36	6.36	6.36	6.36	6.26	6.46
Aroclor-1248-5	(5)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
Aroclor-1254-1	(1)	6.34	6.34	6.33	6.34	6.34	6.34	6.24	6.44
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)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
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	9.22	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

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_O **Calibration Date(s):** 10/09/2025 10/09/2025

Calibration Times: 14:14 22:29

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

LAB FILE ID: RT 1000 = PO114313.D RT 750 = PO114314.D

RT 500 = PO114315.D RT 250 = PO114316.D RT 050 = PO114317.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-3	(3)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-4	(4)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1016-5	(5)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-1	(1)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1260-2	(2)	6.41	6.41	6.41	6.41	6.41	6.41	6.31	6.51
Aroclor-1260-3	(3)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Aroclor-1260-4	(4)	7.04	7.04	7.04	7.04	7.04	7.04	6.94	7.14
Aroclor-1260-5	(5)	7.28	7.28	7.28	7.28	7.28	7.28	7.18	7.38
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-3	(3)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-4	(4)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1242-5	(5)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-2	(2)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1248-3	(3)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1248-4	(4)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1248-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1254-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1254-3	(3)	6.09	6.09	6.09	6.09	6.09	6.09	5.99	6.19
Aroclor-1254-4	(4)	6.32	6.32	6.32	6.32	6.32	6.32	6.22	6.42
Aroclor-1254-5	(5)	6.74	6.74	6.74	6.74	6.74	6.74	6.64	6.84
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.56	7.56	7.56	7.56	7.56	7.56	7.46	7.66
Aroclor-1268-2	(2)	7.63	7.63	7.63	7.63	7.63	7.63	7.53	7.73
Aroclor-1268-3	(3)	7.84	7.84	7.84	7.84	7.84	7.84	7.74	7.94
Aroclor-1268-4	(4)	8.12	8.12	8.12	8.12	8.12	8.12	8.02	8.22
Aroclor-1268-5	(5)	8.41	8.41	8.41	8.41	8.41	8.41	8.31	8.51

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

Raw Data

Alliance TECHNICAL GROUP

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_O **Calibration Date(s):** 10/09/2025 10/09/2025

Calibration Times: 14:14 22:29

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

LAB FILE ID: **CF 1000 =** PO114313.D **CF 750 =** PO114314.D

CF 500 = PO114315.D **CF 250 =** PO114316.D **CF 050 =** PO114317.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	174192886	179895124	183856868	183322864	180520760	180357700	2
Aroclor-1016-2	(2)	293939915	305561101	305220730	315140900	301624180	304297365	3
Aroclor-1016-3	(3)	165633600	172668037	174260432	182505220	189193940	176852246	5
Aroclor-1016-4	(4)	134425999	138097755	140122574	142368188	132758060	137554515	3
Aroclor-1016-5	(5)	123446822	127769624	128908938	130194584	121008000	126265594	3
Aroclor-1260-1	(1)	213791672	221280347	222839010	218586200	213158120	217931070	2
Aroclor-1260-2	(2)	302622462	312056085	309594538	307167896	311081240	308504444	1
Aroclor-1260-3	(3)	259467311	268042008	265717042	260457100	228668800	256470452	6
Aroclor-1260-4	(4)	230199629	235131995	233767838	232769056	232729060	232919516	1
Aroclor-1260-5	(5)	586428065	605840996	593634282	581137220	533761820	580160477	5
Decachlorobiphenyl		3664039320	3792684880	3728036680	3664938040	3355866400	3641113064	5
Tetrachloro-m-xylene		5506498360	5677498373	5642459220	5552412920	4766000200	5428973815	7
Aroclor-1242-1	(1)	126706434	132179268	135020258	135246300	128666340	131563720	3
Aroclor-1242-2	(2)	212392946	219812959	222351800	226444372	216757700	219551955	2
Aroclor-1242-3	(3)	119144042	124121997	125717214	131545340	116119900	123329699	5
Aroclor-1242-4	(4)	99737299	101870191	102531118	105496736	103337180	102594505	2
Aroclor-1242-5	(5)	103047071	106230547	111781010	123521904	134589100	115833926	11
Decachlorobiphenyl		3803036960	3909619067	3861003240	3833959680	3524921000	3786507989	4
Tetrachloro-m-xylene		5804343740	5928892613	5893981820	5915994040	5454317000	5799505843	3
Aroclor-1248-1	(1)	98567829	102136305	106179528	101725532	83182260	98358291	9
Aroclor-1248-2	(2)	137892609	142528752	146526406	145313792	145562060	143564724	2
Aroclor-1248-3	(3)	151681692	159333787	163420432	159028692	160593320	158811585	3
Aroclor-1248-4	(4)	182190012	190636973	195926736	195051484	215146120	195790265	6
Aroclor-1248-5	(5)	174543681	183607891	190759426	202813192	249246460	200194130	15
Decachlorobiphenyl		3816291730	3937073800	3957474960	3763925080	3735520600	3842057234	3
Tetrachloro-m-xylene		5779379270	6044791093	6117390360	5832290520	5648377200	5884445689	3
Aroclor-1254-1	(1)	171902953	180224452	182326136	179059532	158754700	174453555	6
Aroclor-1254-2	(2)	248603985	257164111	266428592	263066468	238270000	254706631	4
Aroclor-1254-3	(3)	278966197	288101712	293337044	293741552	290556100	288940521	2
Aroclor-1254-4	(4)	232417367	241793461	248310406	242500032	218210100	236646273	5
Aroclor-1254-5	(5)	221022379	230048296	231810568	224607672	189890120	219475807	8
Decachlorobiphenyl		3792373920	3896541893	3936938560	3860958960	3451332800	3787629227	5
Tetrachloro-m-xylene		5822824890	5988302693	6053484060	5960886280	5298842000	5824867985	5
Aroclor-1268-1	(1)	742630944	763047828	755049378	744463164	658875500	732813363	6

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	632443459	650139448	640918178	630546628	553465960	621502735	6
Aroclor-1268-3	(3)	576556870	593571136	586459800	580217260	523967180	572154449	5
Aroclor-1268-4	(4)	239235256	248654241	247759484	273329844	226227580	247041281	7
Aroclor-1268-5	(5)	1713485078	1761561424	1737860666	1722182616	1634161480	1713850253	3
Decachlorobiphenyl		7124253780	7355062013	7282856320	7142144040	6358111400	7052485511	6
Tetrachloro-m-xylene		6131677880	6338649440	6321767300	6220727560	5845855000	6171735436	3

Raw Data

Alliance TECHNICAL GROUP

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: AECO02
SDG NO.: Q3419
Calibration Date(s): 10/09/2025 10/09/2025
Calibration Times: 14:14 22:29

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

LAB FILE ID: CF 1000 = PO114313.D CF 750 = PO114314.D
CF 500 = PO114315.D CF 250 = PO114316.D CF 050 = PO114317.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	158257841	168187716	172362186	178585052	164529320	168384423	5
Aroclor-1016-2	(2)	229568804	240612359	245734900	252904664	241358100	242035765	4
Aroclor-1016-3	(3)	119655603	124240307	128221016	131086968	117564320	124153643	5
Aroclor-1016-4	(4)	92316708	96506141	100242646	102698056	90863720	96525454	5
Aroclor-1016-5	(5)	119349433	124629577	128669076	134240076	132389300	127855492	5
Aroclor-1260-1	(1)	215558470	231498535	235626690	245673392	249059400	235483297	6
Aroclor-1260-2	(2)	315603721	330098711	337167224	350489224	338584660	334388708	4
Aroclor-1260-3	(3)	256430713	268520155	278444642	296438324	374872640	294941295	16
Aroclor-1260-4	(4)	211317075	223266731	226148960	232910768	220902880	222909283	4
Aroclor-1260-5	(5)	594775480	624015233	623481606	632255524	590282220	612962013	3
Decachlorobiphenyl		3170001190	3348740240	3399801360	3490868680	3256491400	3333180574	4
Tetrachloro-m-xylene		3928229090	4070663293	4096822280	4116538520	3799017800	4002254197	3
Aroclor-1242-1	(1)	122498620	129064381	131010080	137236660	133254420	130612832	4
Aroclor-1242-2	(2)	175860987	183257420	186752992	191657052	196407220	186787134	4
Aroclor-1242-3	(3)	92492282	96111452	98072652	99600996	92244160	95704308	3
Aroclor-1242-4	(4)	86300671	89905741	92299888	94852936	98359060	92343659	5
Aroclor-1242-5	(5)	113144641	119163080	122745918	127985400	129764100	122560628	6
Decachlorobiphenyl		3517109590	3681723480	3757541820	3835681800	3777005200	3713812378	3
Tetrachloro-m-xylene		4432077070	4412224160	4379772960	4471865640	4248743200	4388936606	2
Aroclor-1248-1	(1)	94570009	99404269	103594360	101758388	93150140	98495433	5
Aroclor-1248-2	(2)	125502158	133300196	137663402	137604864	136198920	134053908	4
Aroclor-1248-3	(3)	130740348	139010419	143306254	142181184	142470360	139541713	4
Aroclor-1248-4	(4)	154697640	163551519	169016486	167510084	167044800	164364106	4
Aroclor-1248-5	(5)	159814127	168355577	173516216	171305900	174900140	169578392	4
Decachlorobiphenyl		3661201490	3833278560	3951800380	3911090520	3937109200	3858896030	3
Tetrachloro-m-xylene		4430508460	4634013587	4677547100	4537709360	4261034200	4508162541	4
Aroclor-1254-1	(1)	247222467	259048601	270361008	279309448	272529160	265694137	5
Aroclor-1254-2	(2)	219192417	228941475	239248508	249551080	254226320	238231960	6
Aroclor-1254-3	(3)	340127494	353950264	366242670	368614488	343101920	354407367	4
Aroclor-1254-4	(4)	246402938	256874435	266498340	267498992	253508600	258156661	3
Aroclor-1254-5	(5)	309302184	322642697	332806976	330987116	305278780	320203551	4
Decachlorobiphenyl		3673134130	3816212200	3925129200	3949127480	3714385800	3815597762	3
Tetrachloro-m-xylene		4426752370	4520704027	4624441060	4560126680	4117729800	4449950787	4
Aroclor-1268-1	(1)	790806319	820672996	823414120	829776224	826084500	818150832	2

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	668389064	693704507	696355354	697040636	678270940	686752100	2
Aroclor-1268-3	(3)	577681654	598471028	600065844	598539168	577278220	590407183	2
Aroclor-1268-4	(4)	233329938	243075305	244332122	245097676	230283080	239223624	3
Aroclor-1268-5	(5)	1599907631	1653346000	1653968404	1645996908	1596574960	1629958781	2
Decachlorobiphenyl		6770675710	7072875573	7158178740	7244610400	7053861200	7060040325	3
Tetrachloro-m-xylene		4643395640	4793601640	4792629120	4749683120	4526037200	4701069344	2

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_O **Date(s) Analyzed:** 10/09/2025 10/09/2025

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	4.56	4.46	4.66	65029800
		2	4.64	4.54	4.74	45851400
		3	4.71	4.61	4.81	150477000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.71	4.61	4.81	122061000
		2	5.23	5.13	5.33	54066000
		3	5.52	5.42	5.62	121355000
		4	5.67	5.57	5.77	54031600
		5	5.76	5.66	5.86	37348800
Aroclor-1262	500	1	7.69	7.59	7.79	365212000
		2	8.21	8.11	8.31	604682000
		3	8.52	8.42	8.62	365448000
		4	8.60	8.50	8.70	263614000
		5	9.22	9.12	9.32	214854000

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_O **Date(s) Analyzed:** 10/09/2025 10/09/2025

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	3.87	3.77	3.97	54832000
		2	3.96	3.86	4.06	40465400
		3	4.03	3.93	4.13	128449000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.03	3.93	4.13	104652000
		2	4.76	4.66	4.86	102880000
		3	4.94	4.84	5.04	51237200
		4	5.02	4.92	5.12	43634600
		5	5.19	5.09	5.29	48052000
Aroclor-1262	500	1	6.78	6.68	6.88	425654000
		2	7.28	7.18	7.38	673478000
		3	7.56	7.46	7.66	276888000
		4	7.63	7.53	7.73	456530000
		5	8.12	8.02	8.22	210780000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:14
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: Oct 09 15:15:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:08:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.660	550.6E6	392.8E6	98.781	97.899
2)	SA Decachlor...	9.933	8.672	366.4E6	317.0E6	99.134	96.502
	Target Compounds						
3)	L1 AR-1016-1	5.493	4.743	174.2E6	158.3E6	973.009	957.340
4)	L1 AR-1016-2	5.513	4.762	293.9E6	229.6E6	981.172	965.988
5)	L1 AR-1016-3	5.576	4.937	165.6E6	119.7E6	974.619	965.445
6)	L1 AR-1016-4	5.672	4.980	134.4E6	92316708	979.251	958.839
7)	L1 AR-1016-5	5.962	5.192	123.4E6	119.3E6	978.355	962.424
31)	L7 AR-1260-1	7.075	6.226	213.8E6	215.6E6	979.279	955.521
32)	L7 AR-1260-2	7.328	6.413	302.6E6	315.6E6	988.612	966.966
33)	L7 AR-1260-3	7.685	6.566	259.5E6	256.4E6	988.100	958.843
34)	L7 AR-1260-4	7.906	7.040	230.2E6	211.3E6	992.309	966.096
35)	L7 AR-1260-5	8.213	7.279	586.4E6	594.8E6	993.893	976.437

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

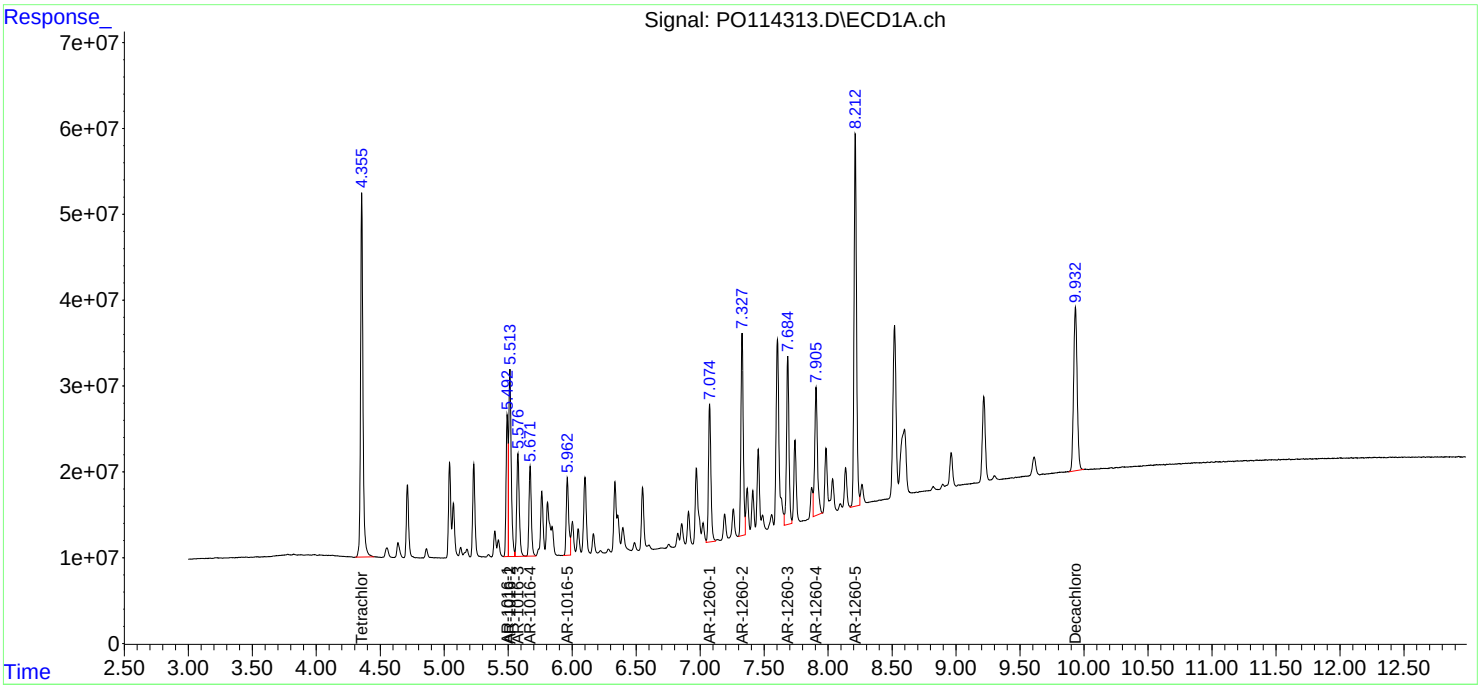
ICAL Form

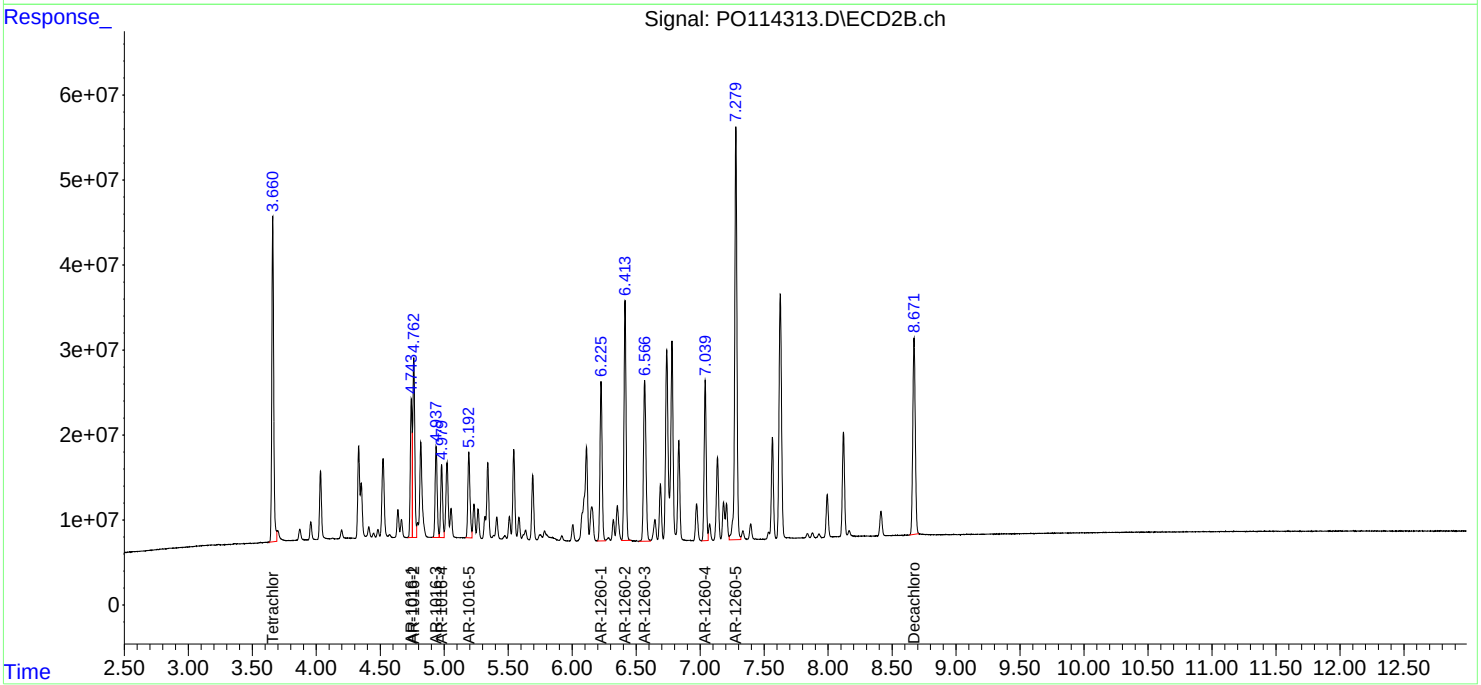
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:14
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

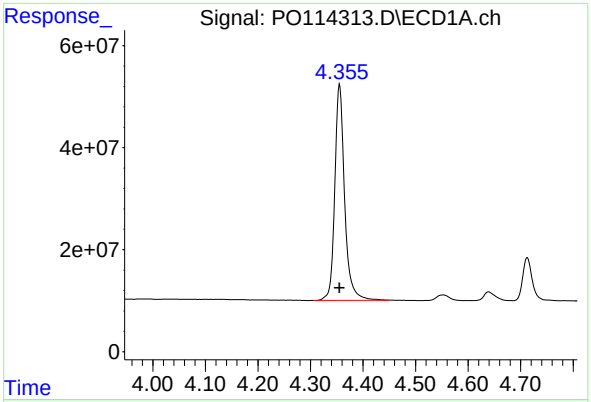
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:15:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:08:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



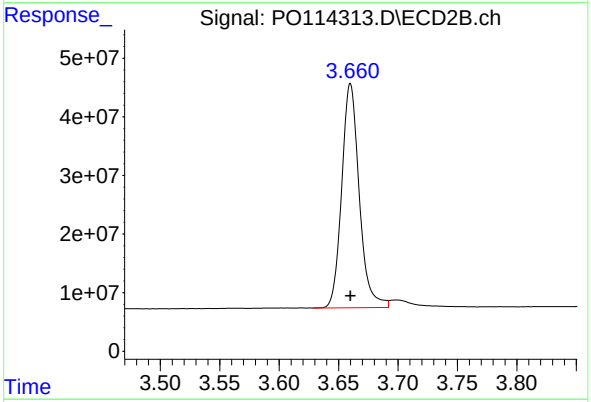




#1 Tetrachloro-m-xylene

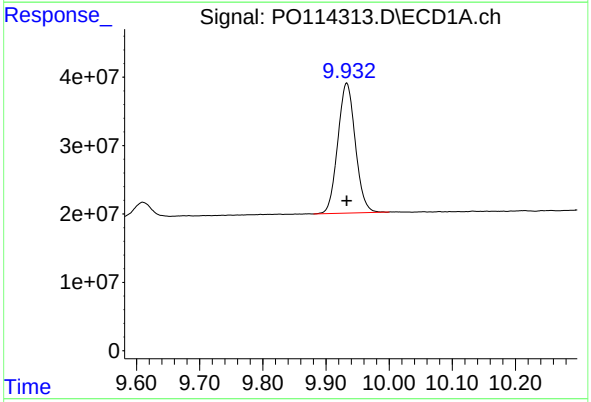
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 550649836
Conc: 98.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



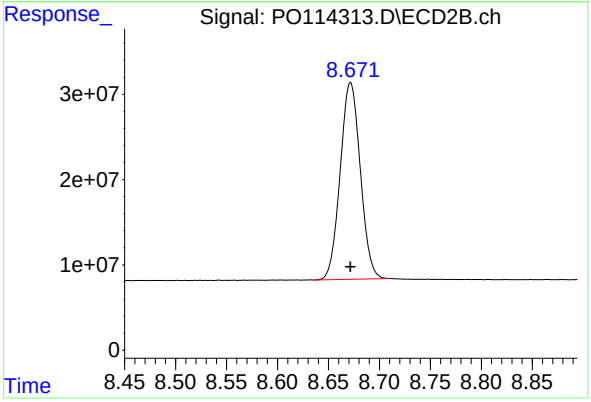
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 392822909
Conc: 97.90 ng/ml



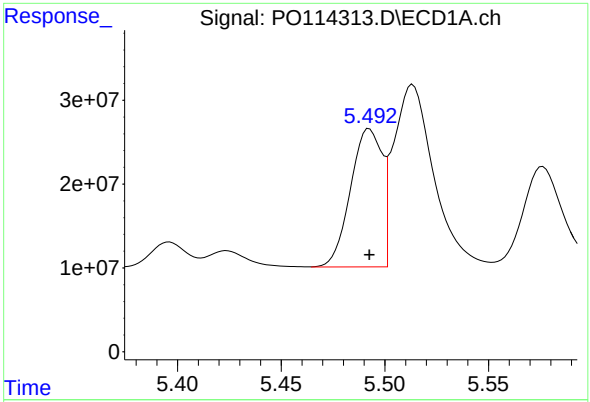
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 366403932
Conc: 99.13 ng/ml



#2 Decachlorobiphenyl

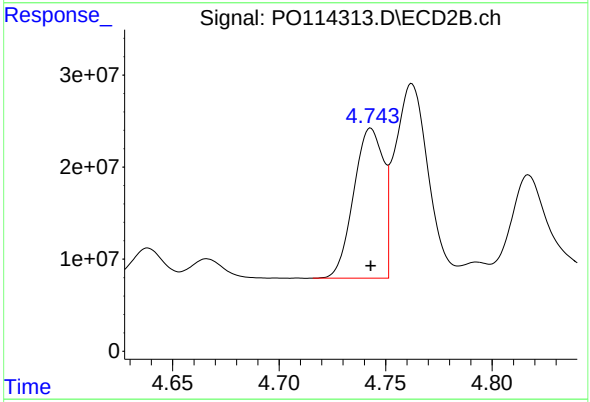
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 317000119
Conc: 96.50 ng/ml



#3 AR-1016-1

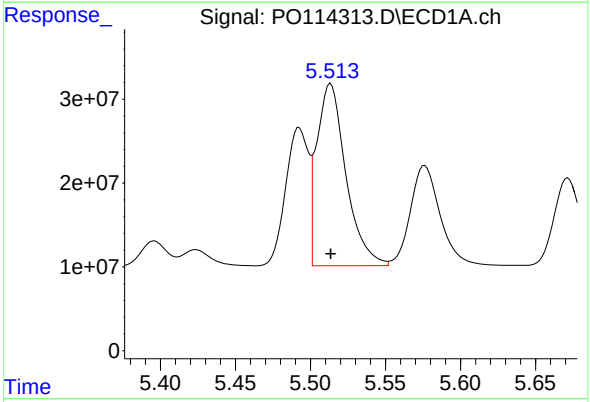
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 174192886
Conc: 973.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



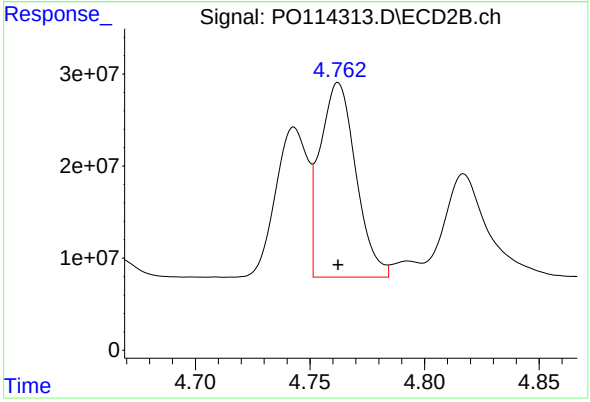
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 158257841
Conc: 957.34 ng/ml



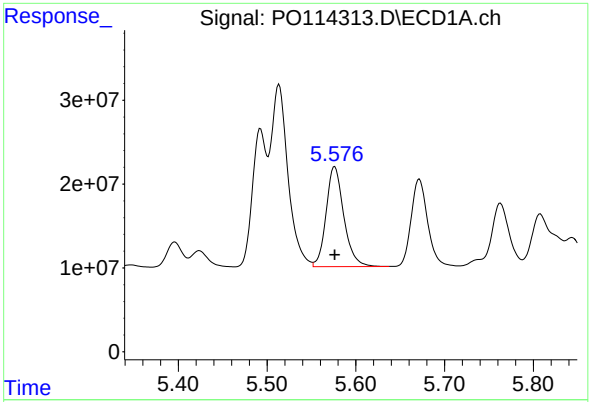
#4 AR-1016-2

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 293939915
Conc: 981.17 ng/ml



#4 AR-1016-2

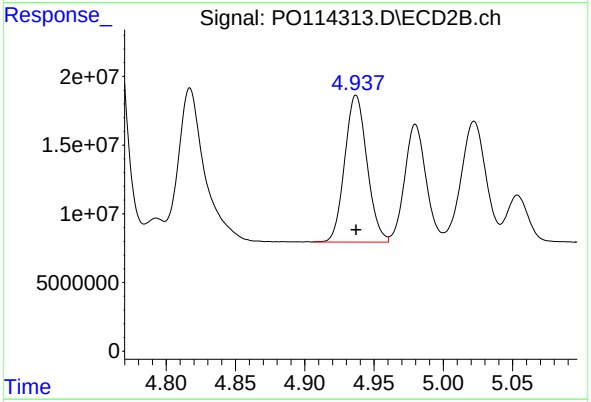
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 229568804
Conc: 965.99 ng/ml



#5 AR-1016-3

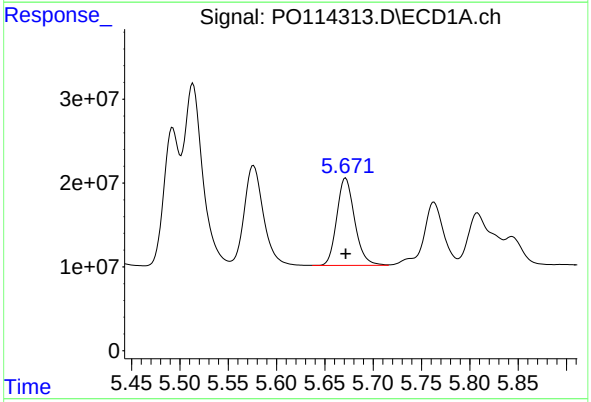
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 165633600
Conc: 974.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



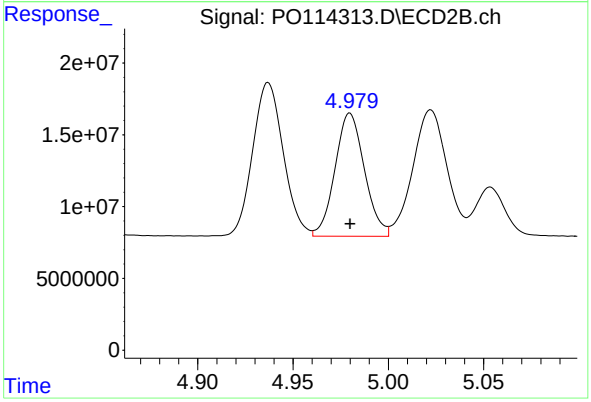
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 119655603
Conc: 965.44 ng/ml



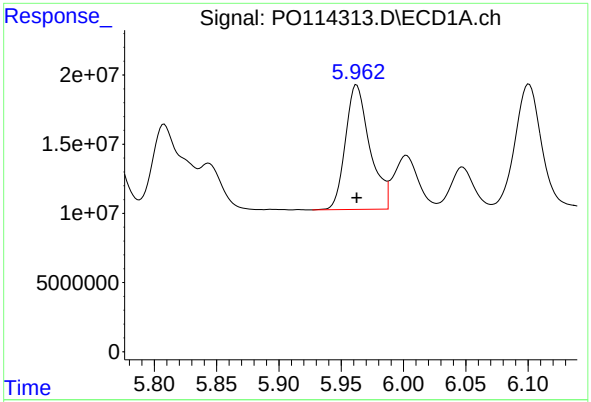
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 134425999
Conc: 979.25 ng/ml



#6 AR-1016-4

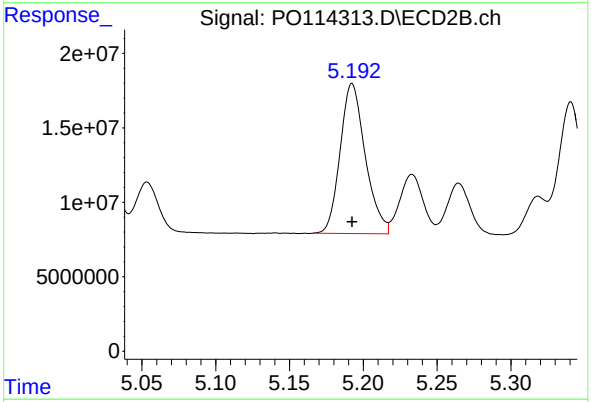
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 92316708
Conc: 958.84 ng/ml



#7 AR-1016-5

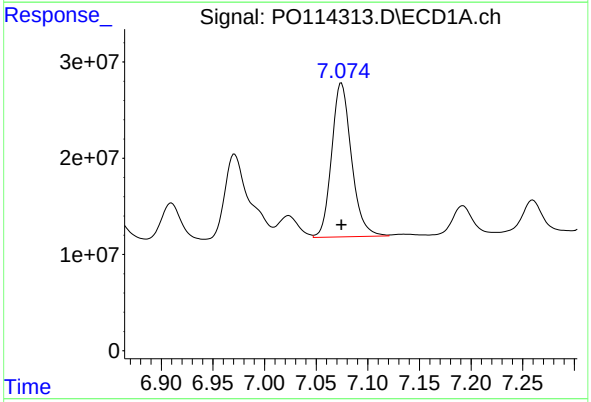
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 123446822
Conc: 978.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



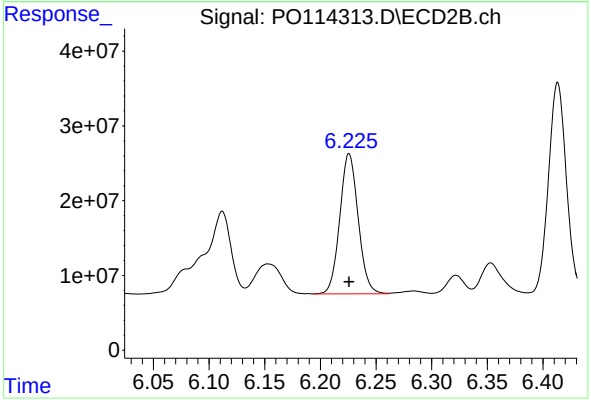
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 119349433
Conc: 962.42 ng/ml



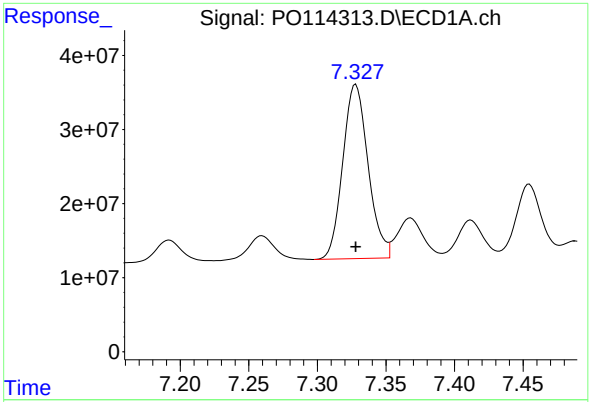
#31 AR-1260-1

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 213791672
Conc: 979.28 ng/ml



#31 AR-1260-1

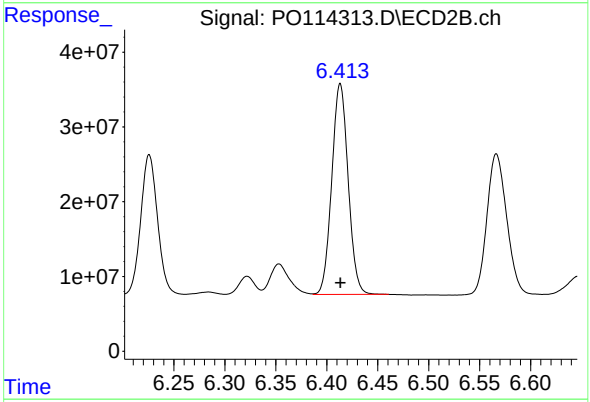
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 215558470
Conc: 955.52 ng/ml



#32 AR-1260-2

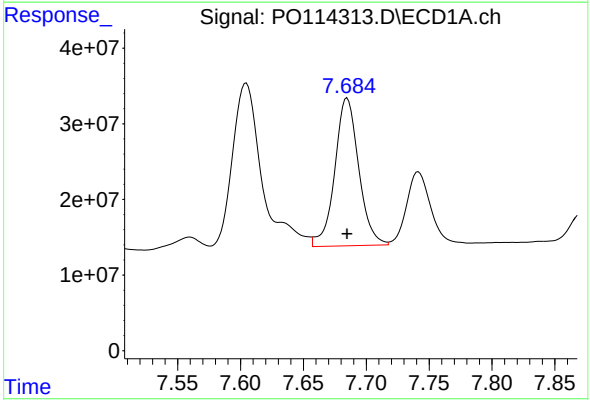
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 302622462
Conc: 988.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



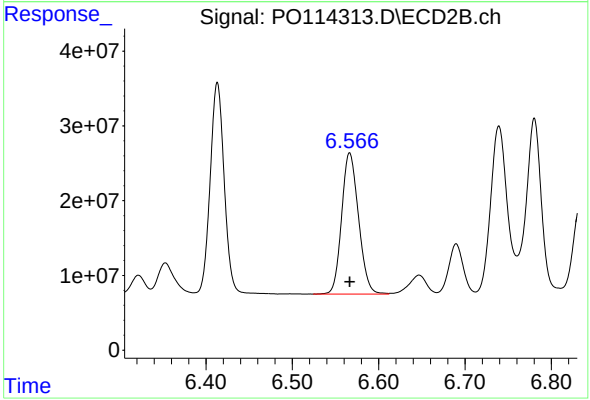
#32 AR-1260-2

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 315603721
Conc: 966.97 ng/ml



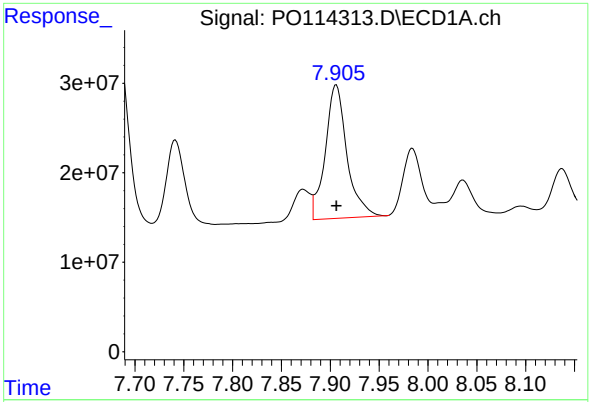
#33 AR-1260-3

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 259467311
Conc: 988.10 ng/ml



#33 AR-1260-3

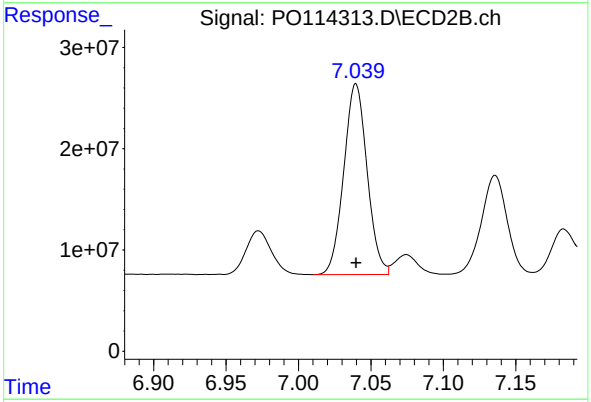
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 256430713
Conc: 958.84 ng/ml



#34 AR-1260-4

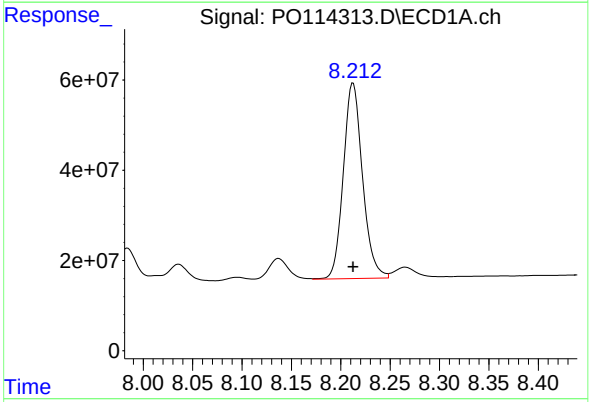
R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 230199629
Conc: 992.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



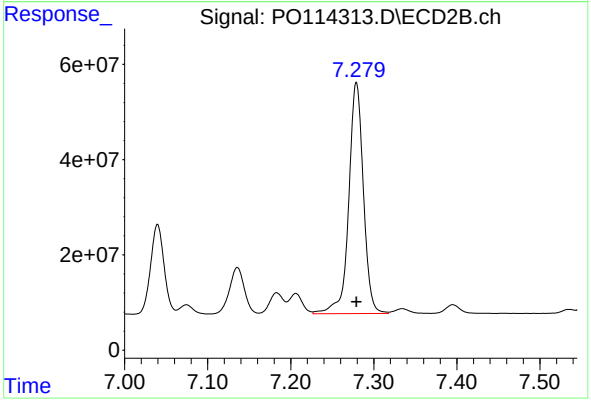
#34 AR-1260-4

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 211317075
Conc: 966.10 ng/ml



#35 AR-1260-5

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 586428065
Conc: 993.89 ng/ml



#35 AR-1260-5

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 594775480
Conc: 976.44 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:32
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: Oct 09 15:18:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:08:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.356	3.660	425.8E6	305.3E6	75.918	75.721
2)	SA Decachlor...	9.933	8.672	284.5E6	251.2E6	76.296	75.965
	Target Compounds						
3)	L1 AR-1016-1	5.492	4.743	134.9E6	126.1E6	752.427	758.654
4)	L1 AR-1016-2	5.514	4.763	229.2E6	180.5E6	759.916	756.203
5)	L1 AR-1016-3	5.576	4.937	129.5E6	93180230	757.963	751.217
6)	L1 AR-1016-4	5.672	4.979	103.6E6	72379606	752.993	751.175
7)	L1 AR-1016-5	5.963	5.192	95827218	93472183	756.281	752.497
31)	L7 AR-1260-1	7.075	6.226	166.0E6	173.6E6	756.760	762.977
32)	L7 AR-1260-2	7.328	6.413	234.0E6	247.6E6	759.652	755.667
33)	L7 AR-1260-3	7.686	6.566	201.0E6	201.4E6	760.306	752.021
34)	L7 AR-1260-4	7.907	7.040	176.3E6	167.5E6	756.755	760.292
35)	L7 AR-1260-5	8.213	7.280	454.4E6	468.0E6	763.279	762.121

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

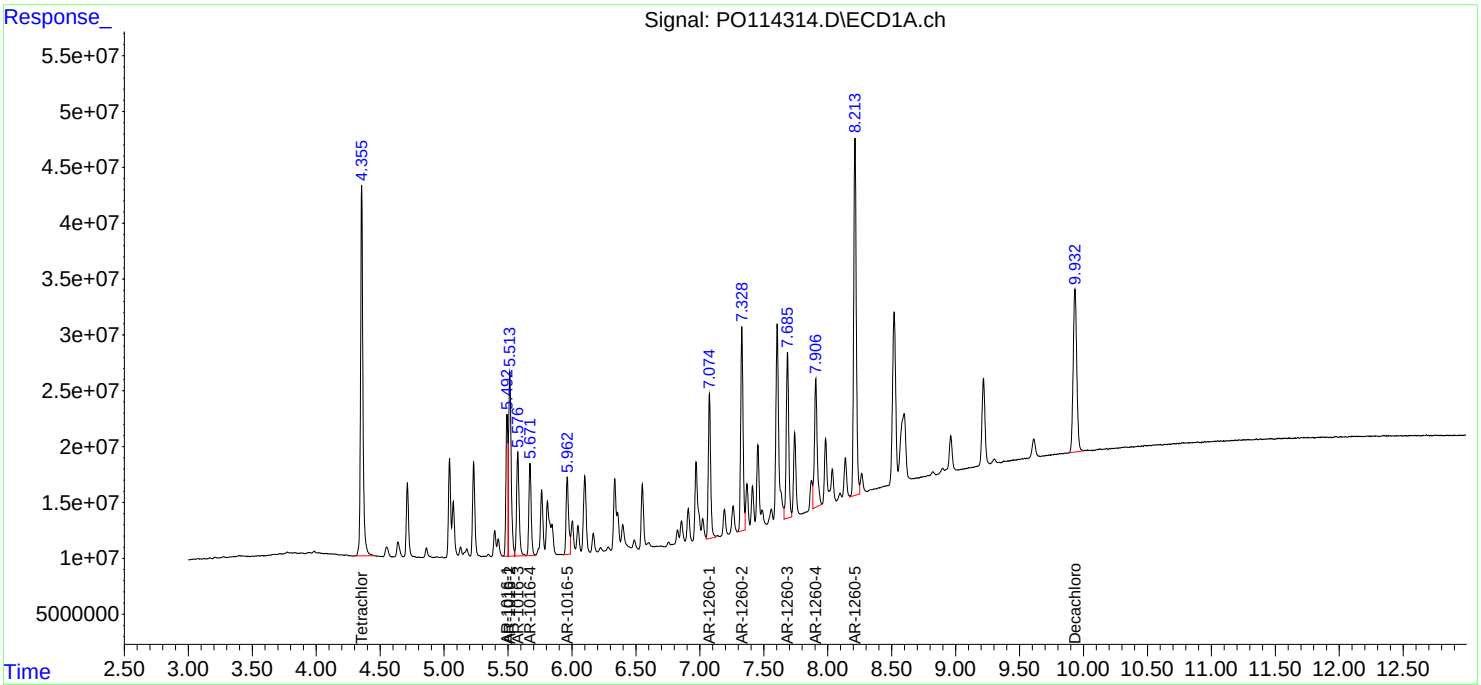
ICAL Form

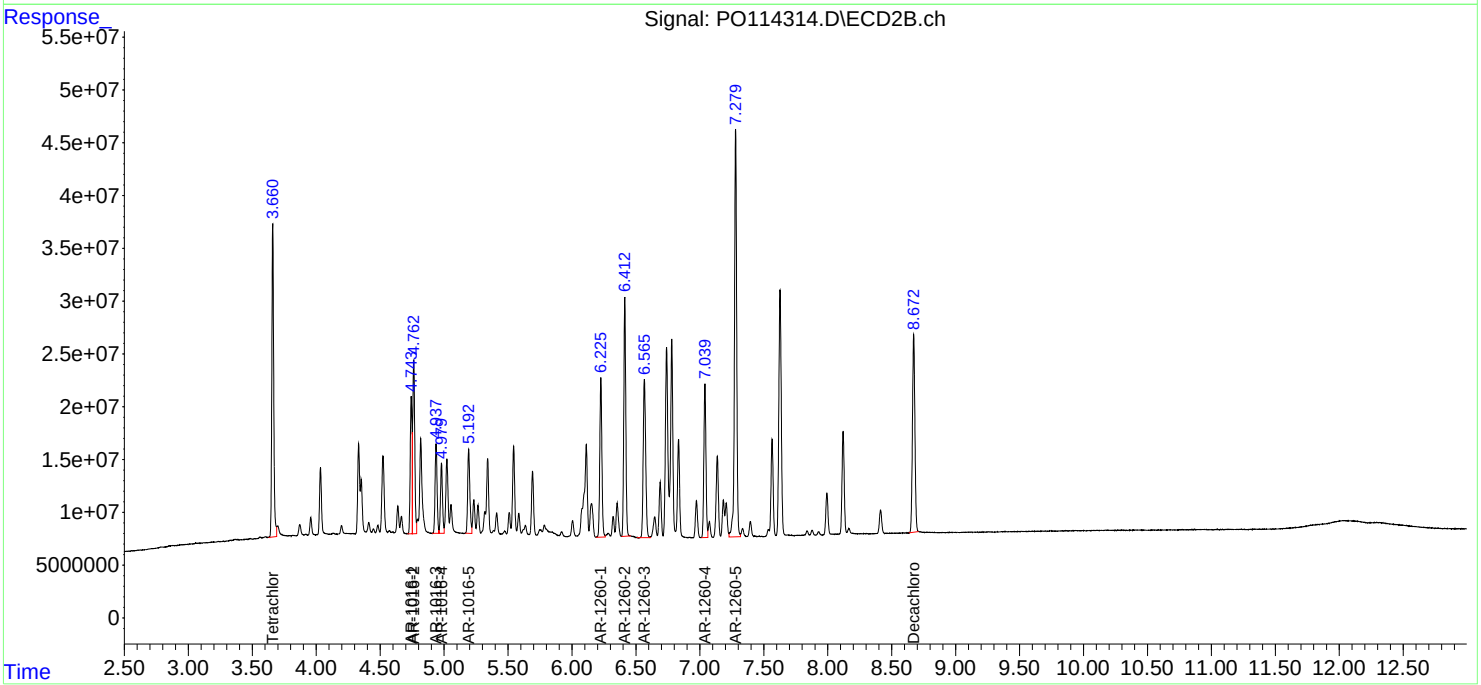
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:32
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

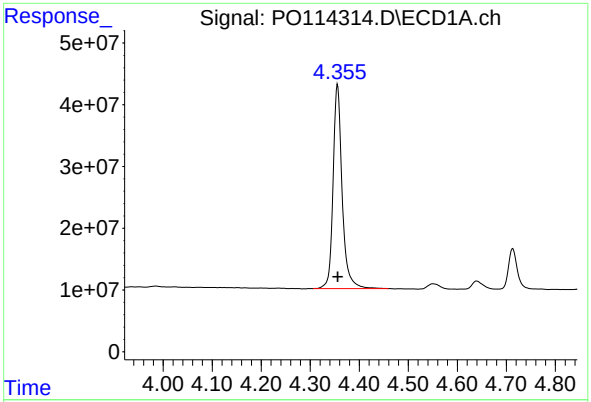
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:18:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:08:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



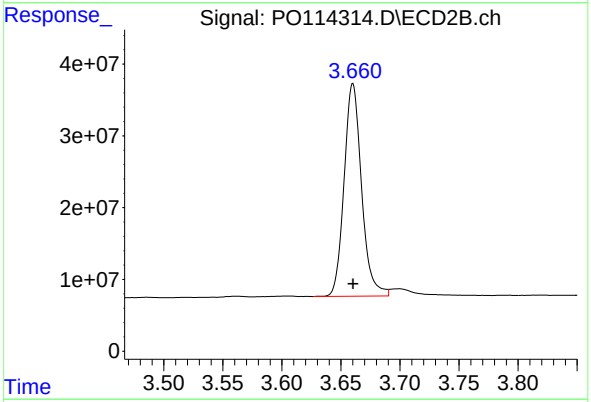




#1 Tetrachloro-m-xylene

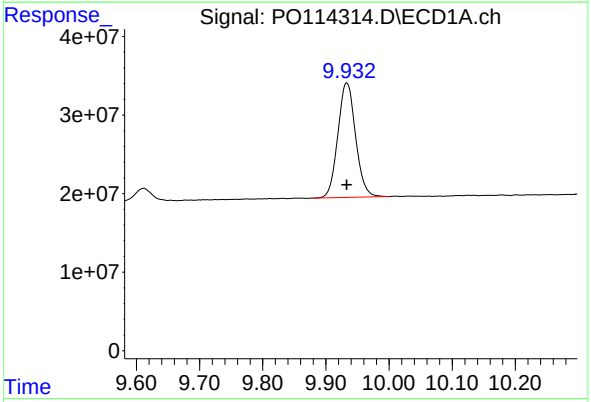
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 425812378
Conc: 75.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



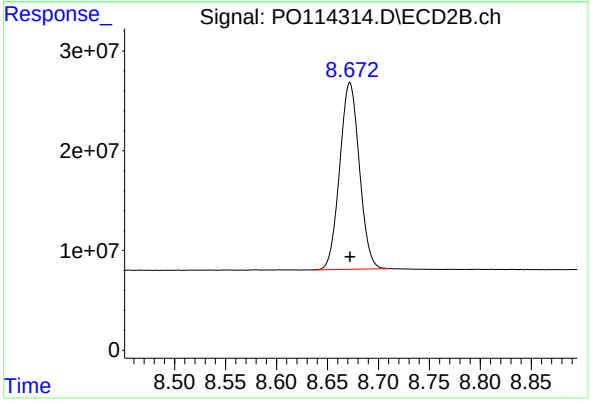
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 305299747
Conc: 75.72 ng/ml



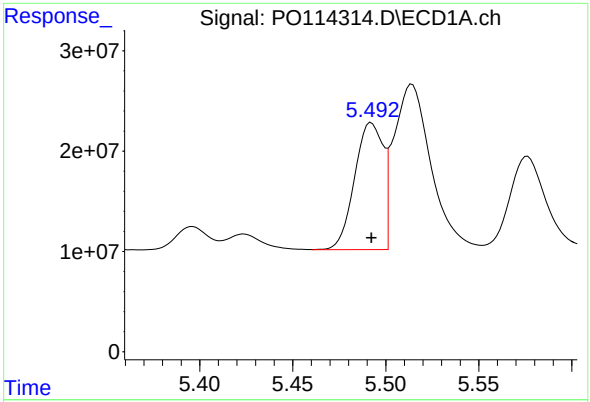
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 284451366
Conc: 76.30 ng/ml



#2 Decachlorobiphenyl

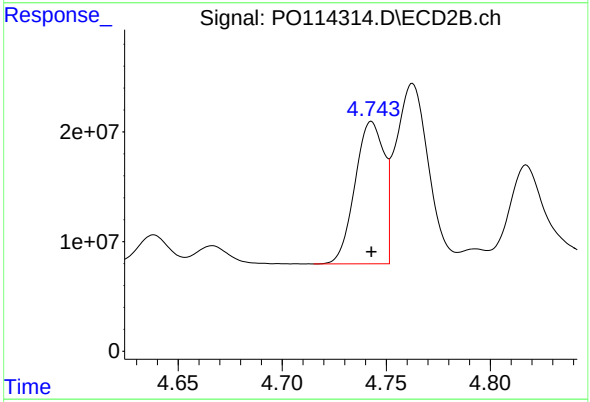
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 251155518
Conc: 75.97 ng/ml



#3 AR-1016-1

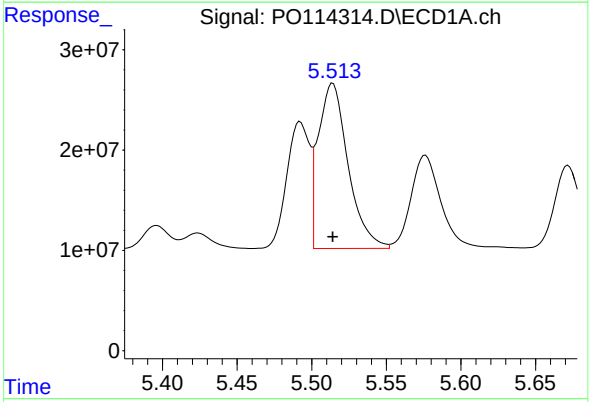
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 134921343
Conc: 752.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



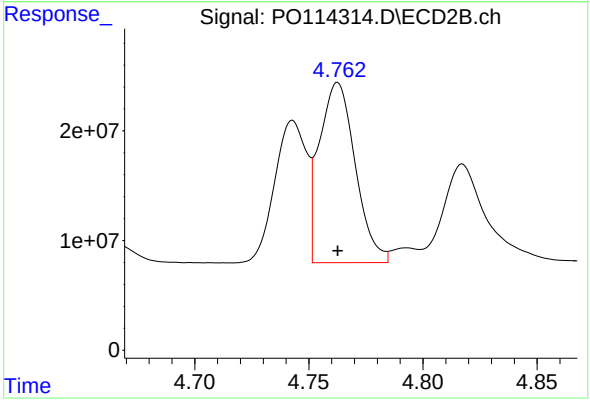
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 126140787
Conc: 758.65 ng/ml



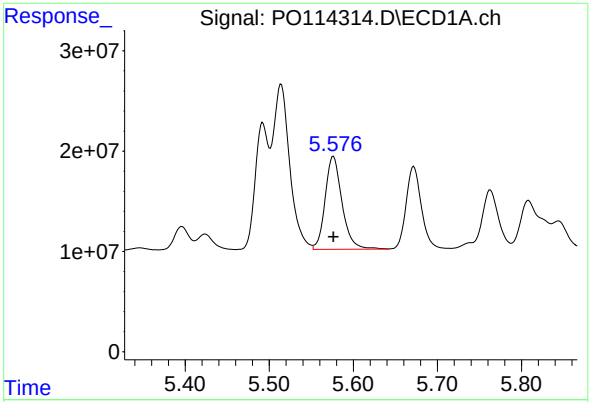
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 229170826
Conc: 759.92 ng/ml



#4 AR-1016-2

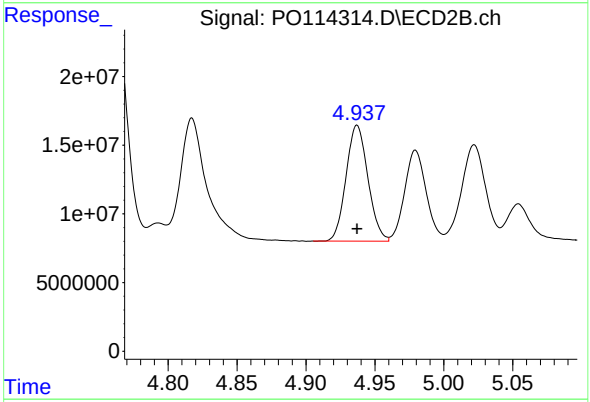
R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 180459269
Conc: 756.20 ng/ml



#5 AR-1016-3

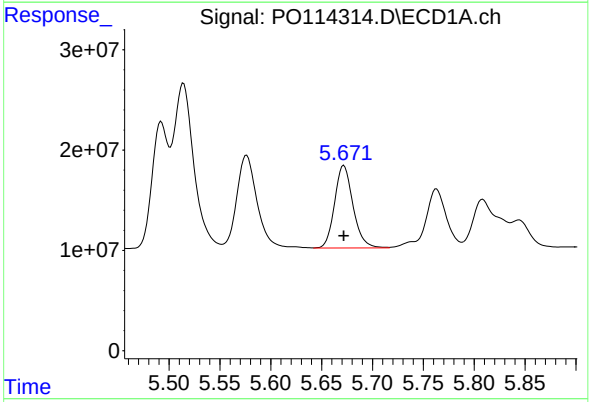
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 129501028
Conc: 757.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



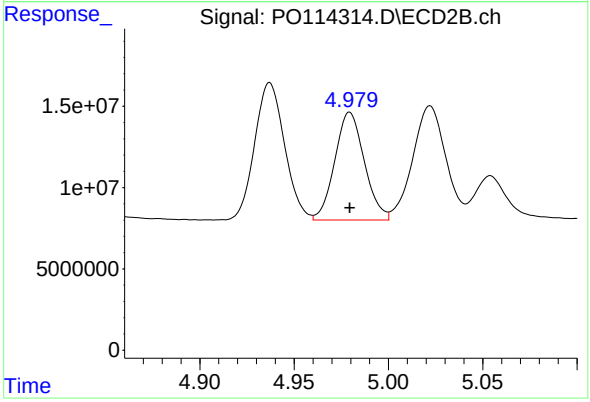
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 93180230
Conc: 751.22 ng/ml



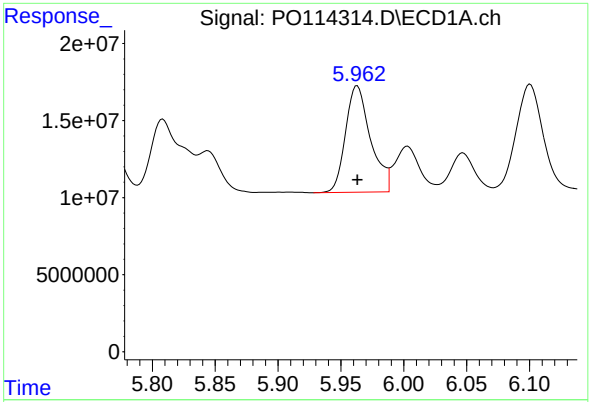
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 103573316
Conc: 752.99 ng/ml



#6 AR-1016-4

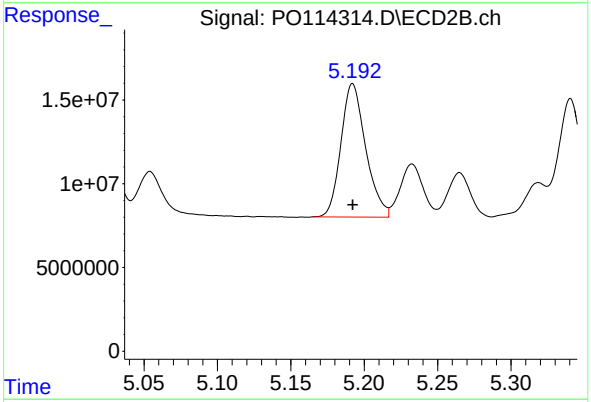
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 72379606
Conc: 751.18 ng/ml



#7 AR-1016-5

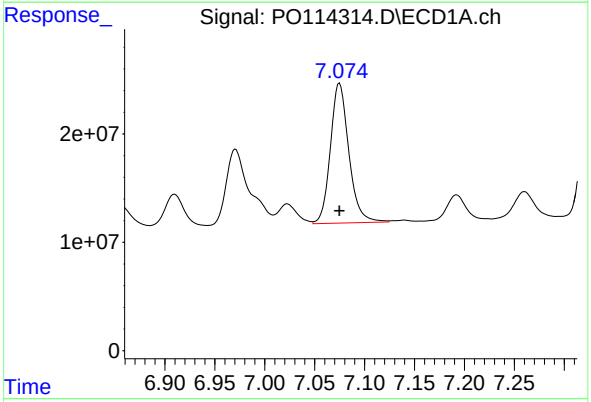
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 95827218
Conc: 756.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



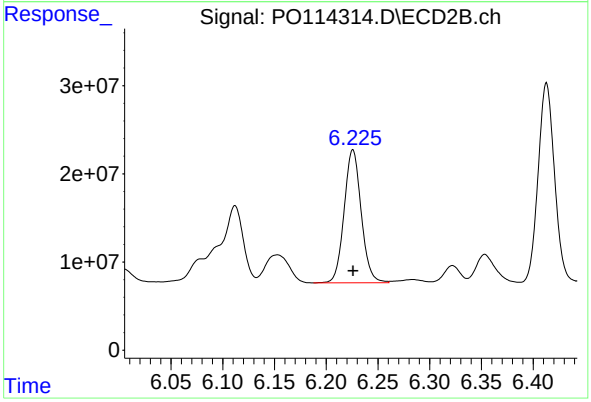
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 93472183
Conc: 752.50 ng/ml



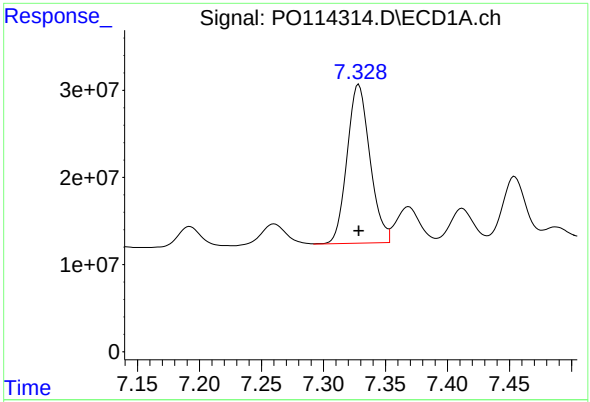
#31 AR-1260-1

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 165960260
Conc: 756.76 ng/ml



#31 AR-1260-1

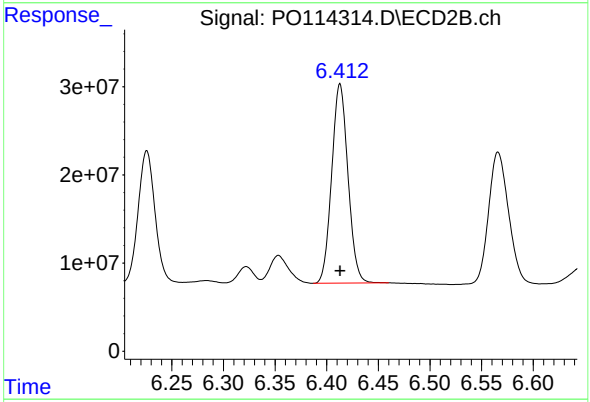
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 173623901
Conc: 762.98 ng/ml



#32 AR-1260-2

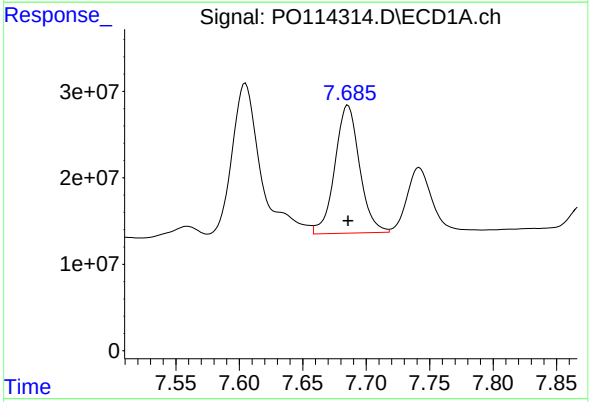
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 234042064
Conc: 759.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



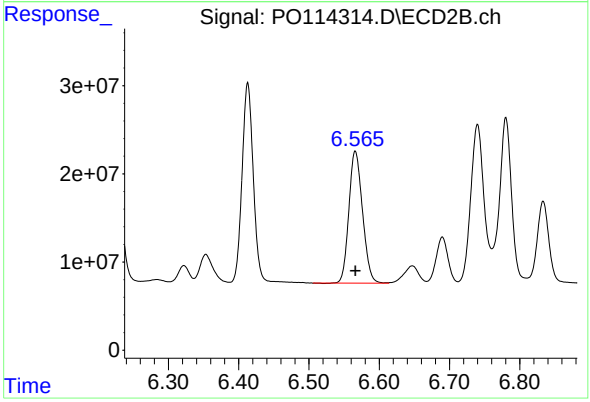
#32 AR-1260-2

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 247574033
Conc: 755.67 ng/ml



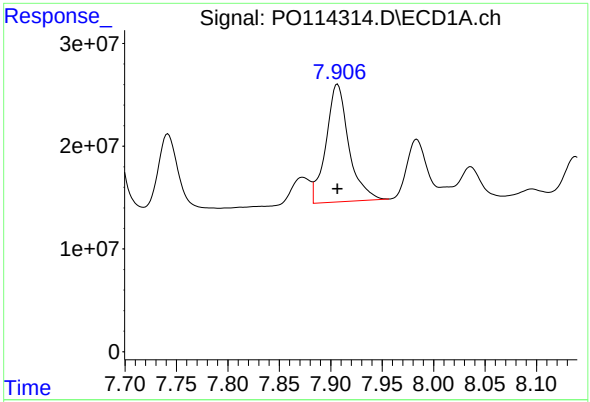
#33 AR-1260-3

R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 201031506
Conc: 760.31 ng/ml



#33 AR-1260-3

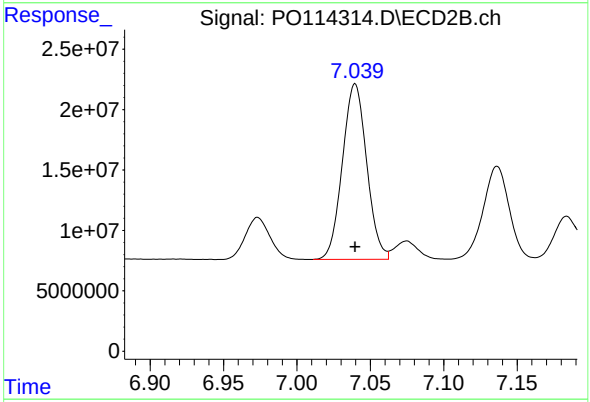
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 201390116
Conc: 752.02 ng/ml



#34 AR-1260-4

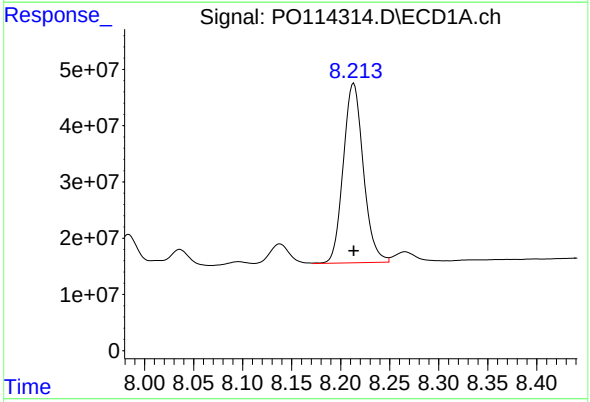
R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 176348996
Conc: 756.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



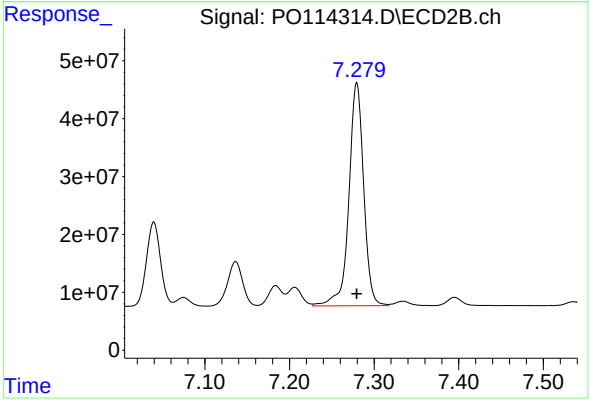
#34 AR-1260-4

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 167450048
Conc: 760.29 ng/ml



#35 AR-1260-5

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 454380747
Conc: 763.28 ng/ml



#35 AR-1260-5

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 468011425
Conc: 762.12 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:50
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: Oct 09 15:08:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:08:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.660	282.1E6	204.8E6	50.000	50.000
2)	SA Decachlor...	9.934	8.671	186.4E6	170.0E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.492	4.743	91928434	86181093	500.000	500.000
4)	L1 AR-1016-2	5.514	4.762	152.6E6	122.9E6	500.000	500.000
5)	L1 AR-1016-3	5.576	4.936	87130216	64110508	500.000	500.000
6)	L1 AR-1016-4	5.671	4.979	70061287	50121323	500.000	500.000
7)	L1 AR-1016-5	5.963	5.192	64454469	64334538	500.000	500.000
31)	L7 AR-1260-1	7.075	6.225	111.4E6	117.8E6	500.000	500.000
32)	L7 AR-1260-2	7.329	6.413	154.8E6	168.6E6	500.000	500.000
33)	L7 AR-1260-3	7.685	6.566	132.9E6	139.2E6	500.000	500.000
34)	L7 AR-1260-4	7.907	7.039	116.9E6	113.1E6	500.000	500.000
35)	L7 AR-1260-5	8.213	7.279	296.8E6	311.7E6	500.000	500.000

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

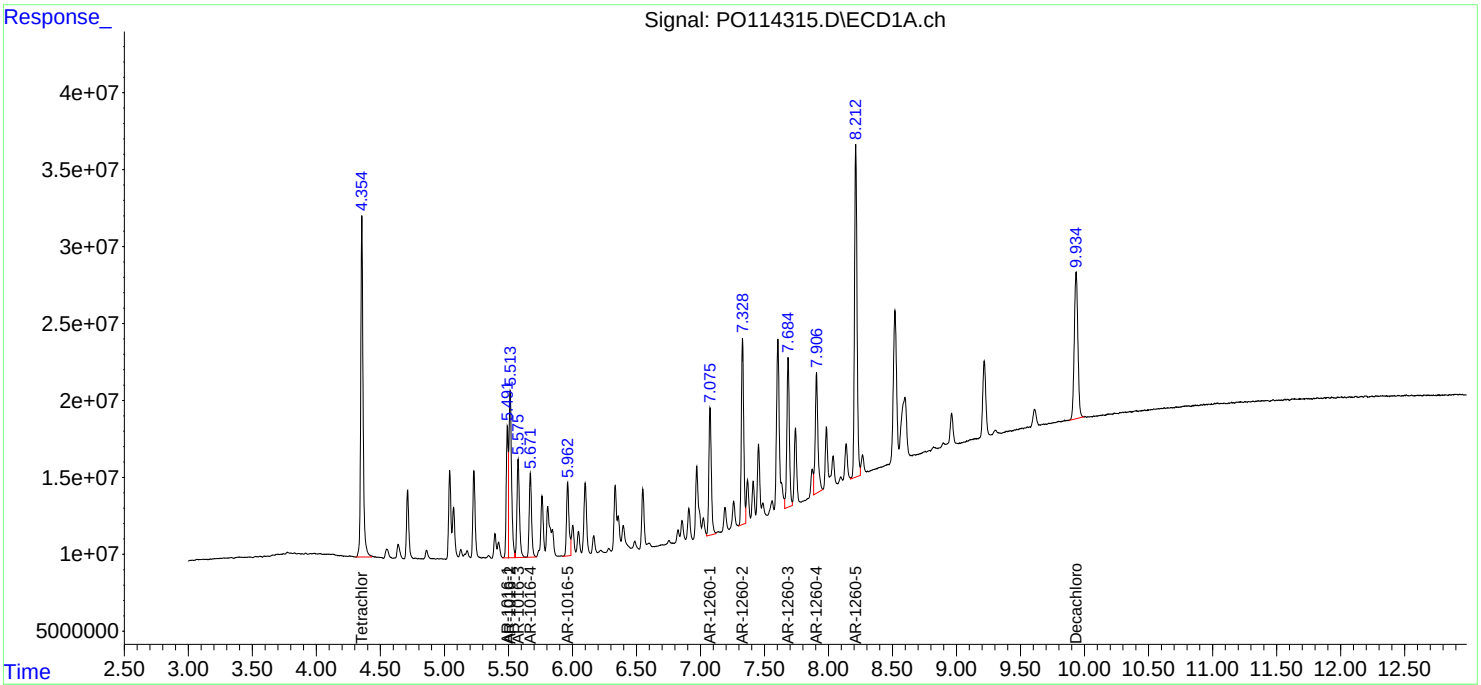
ICAL Form

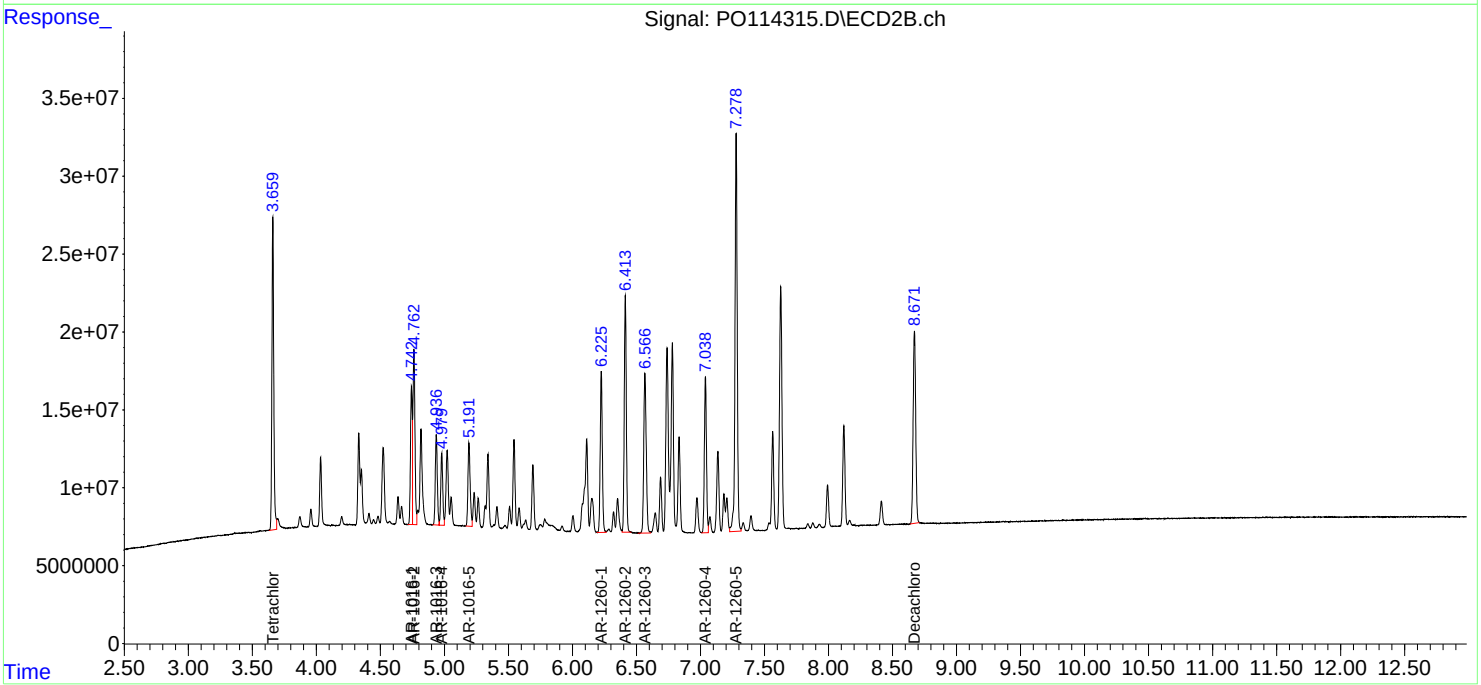
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:50
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

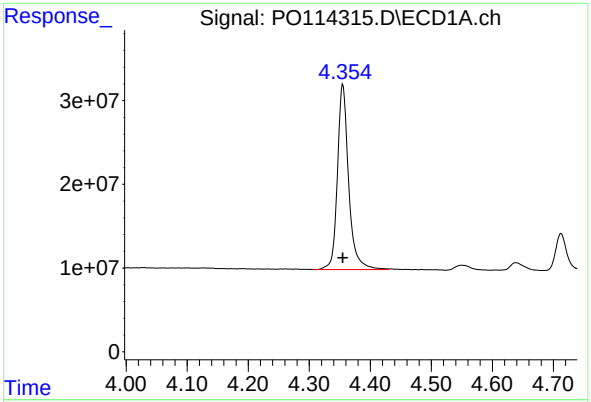
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:08:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:08:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



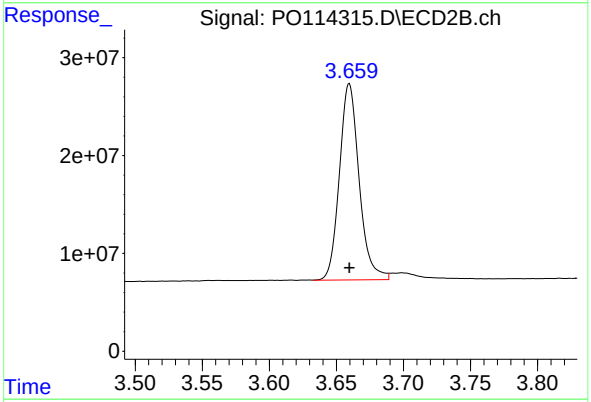




#1 Tetrachloro-m-xylene

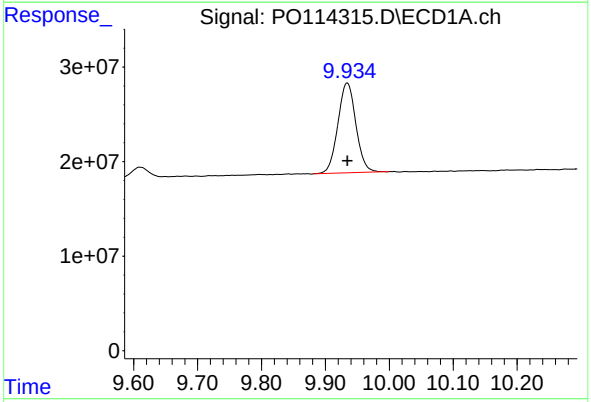
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 282122961
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



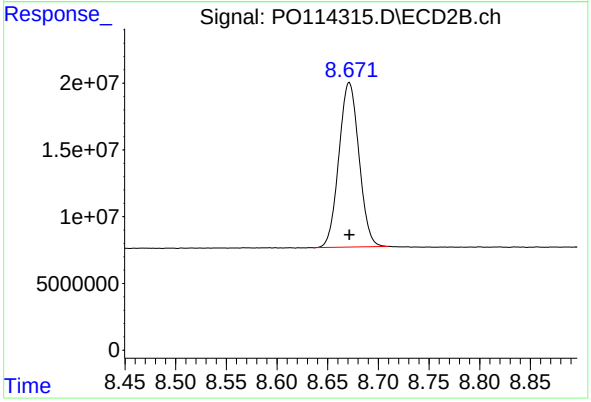
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 204841114
Conc: 50.00 ng/ml



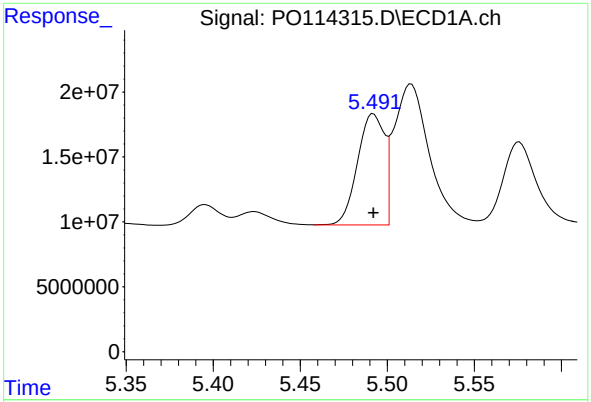
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 186401834
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

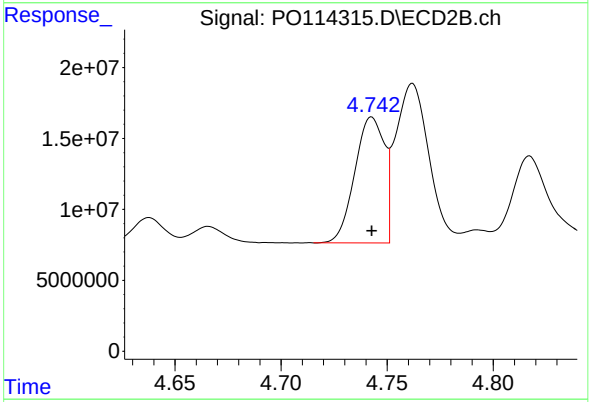
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 169990068
Conc: 50.00 ng/ml



#3 AR-1016-1

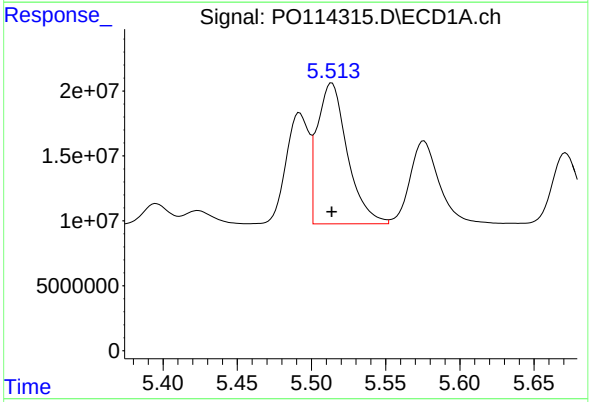
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 91928434
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



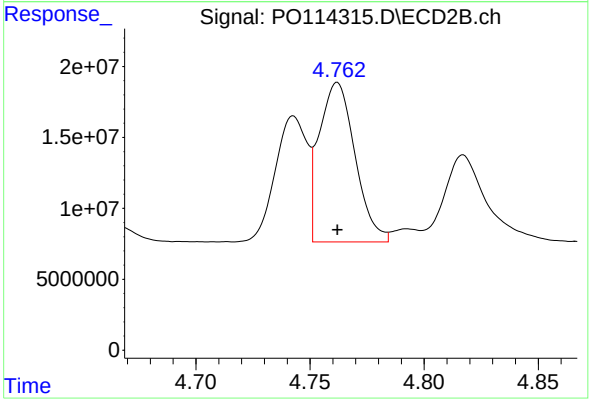
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 86181093
Conc: 500.00 ng/ml



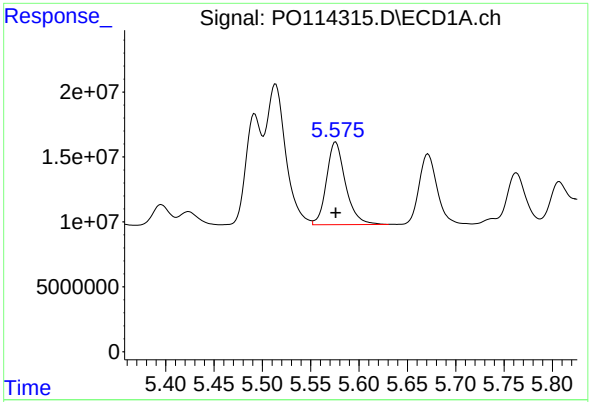
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 152610365
Conc: 500.00 ng/ml



#4 AR-1016-2

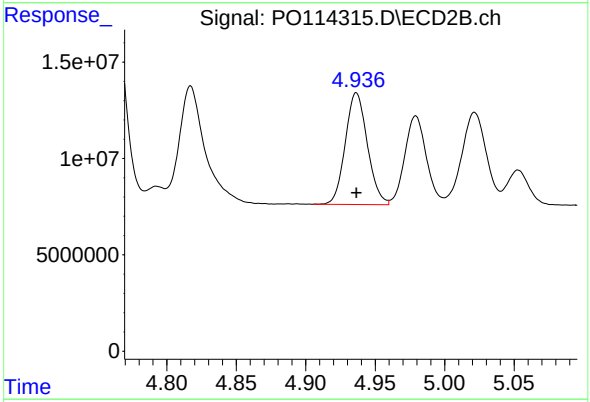
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 122867450
Conc: 500.00 ng/ml



#5 AR-1016-3

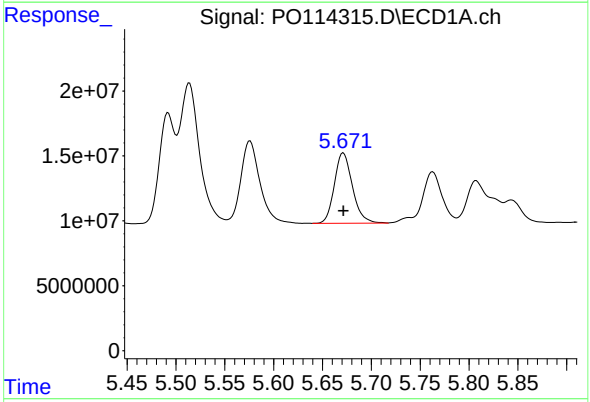
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 87130216
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



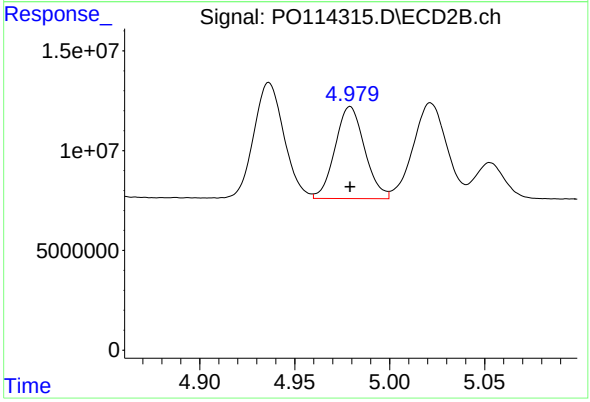
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 64110508
Conc: 500.00 ng/ml



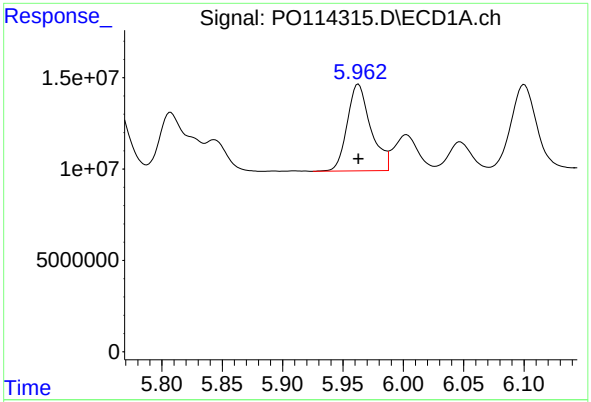
#6 AR-1016-4

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 70061287
Conc: 500.00 ng/ml



#6 AR-1016-4

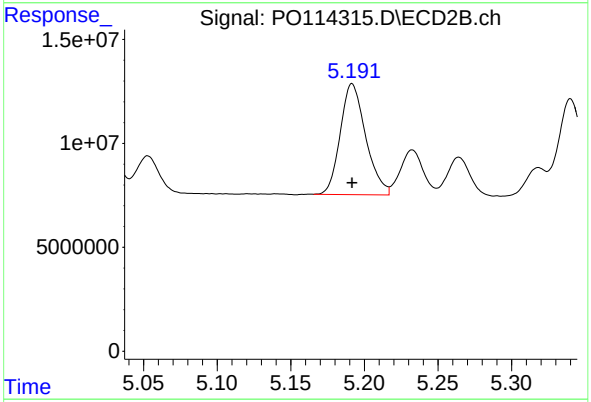
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 50121323
Conc: 500.00 ng/ml



#7 AR-1016-5

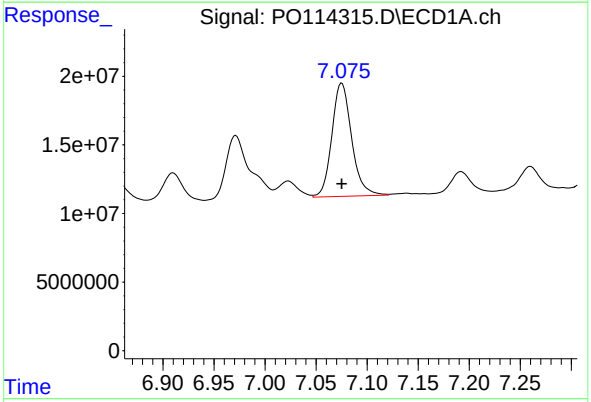
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 64454469
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



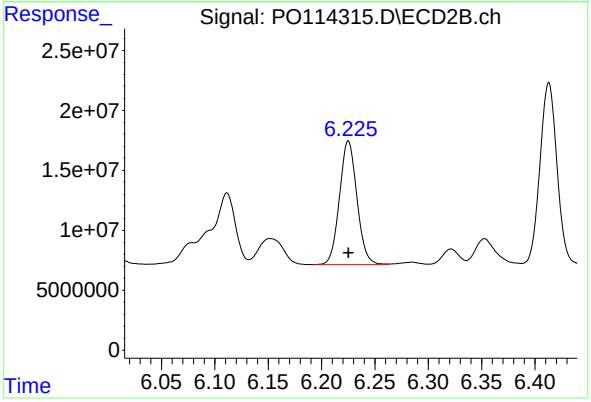
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 64334538
Conc: 500.00 ng/ml



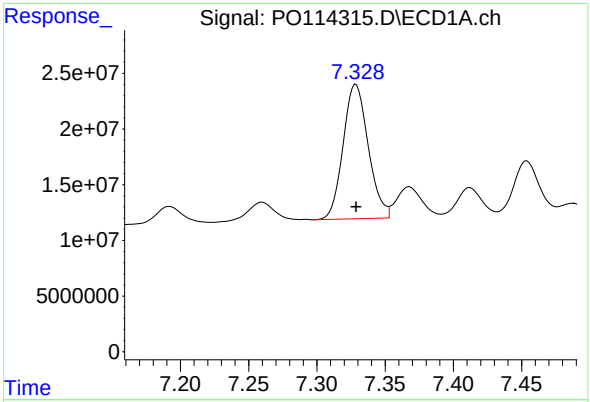
#31 AR-1260-1

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 111419505
Conc: 500.00 ng/ml



#31 AR-1260-1

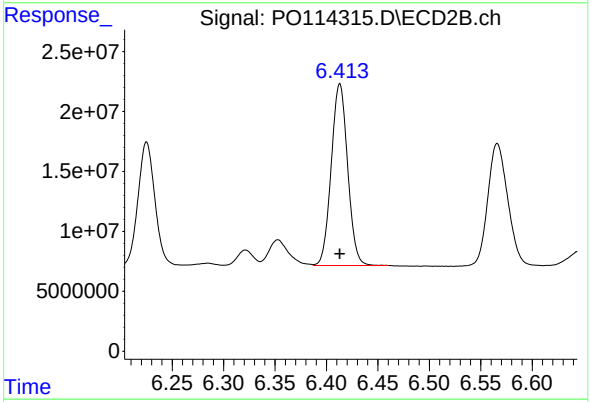
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 117813345
Conc: 500.00 ng/ml



#32 AR-1260-2

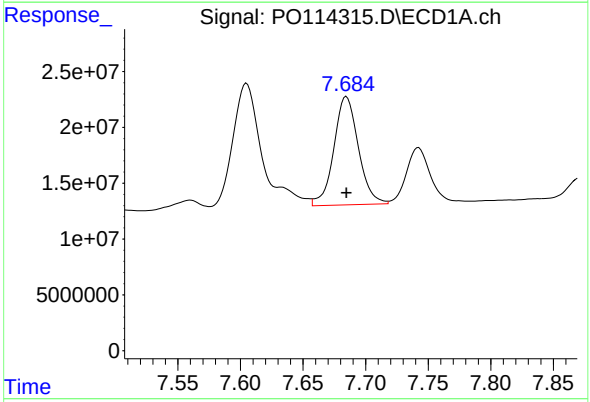
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 154797269
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



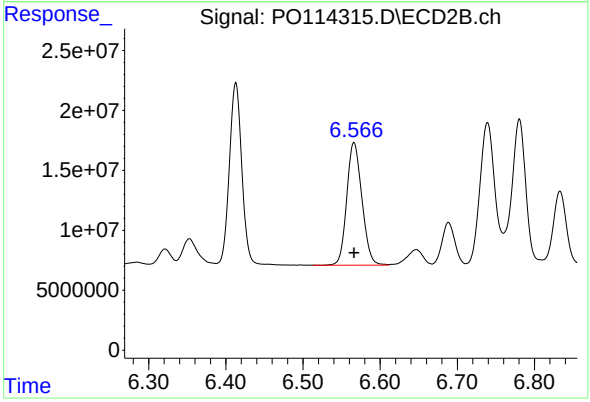
#32 AR-1260-2

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 168583612
Conc: 500.00 ng/ml



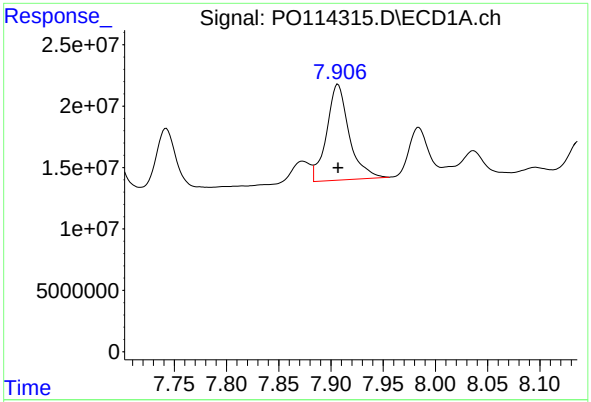
#33 AR-1260-3

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 132858521
Conc: 500.00 ng/ml



#33 AR-1260-3

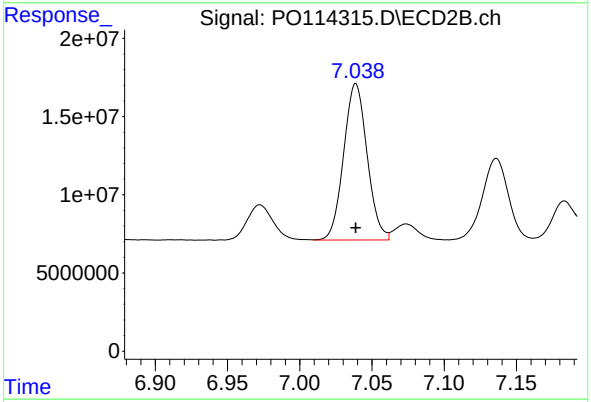
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 139222321
Conc: 500.00 ng/ml



#34 AR-1260-4

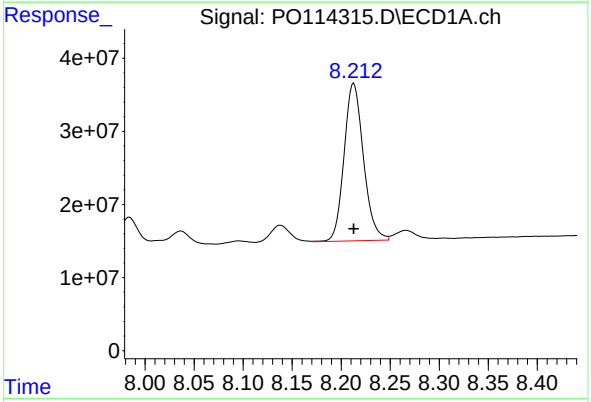
R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 116883919
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



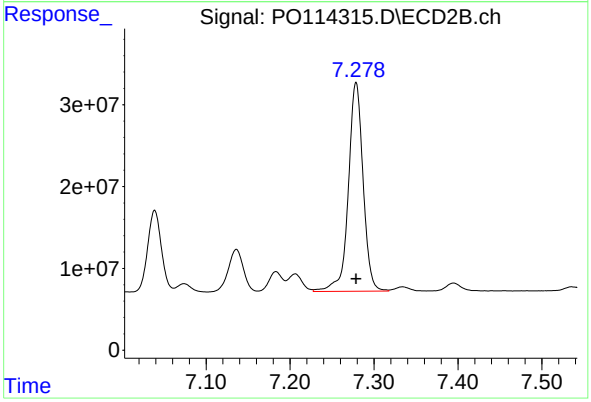
#34 AR-1260-4

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 113074480
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 296817141
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 311740803
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:09
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:23:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:23:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.660	138.8E6	102.9E6	24.811	25.392
2)	SA Decachlor...	9.934	8.671	91623451	87271717	24.680	26.033
	Target Compounds						
3)	L1 AR-1016-1	5.493	4.743	45830716	44646263	254.168	263.636
4)	L1 AR-1016-2	5.514	4.762	78785225	63226166	258.341	261.044
5)	L1 AR-1016-3	5.576	4.937	45626305	32771742	262.572	260.505
6)	L1 AR-1016-4	5.672	4.979	35592047	25674514	256.513	262.143
7)	L1 AR-1016-5	5.962	5.192	32548646	33560019	255.123	264.832
31)	L7 AR-1260-1	7.075	6.225	54646550	61418348	249.386	264.632
32)	L7 AR-1260-2	7.328	6.413	76791974	87622306	249.438	262.862
33)	L7 AR-1260-3	7.685	6.566	65114275	74109581	247.187	269.530
34)	L7 AR-1260-4	7.906	7.039	58192264	58227692	249.787	260.631
35)	L7 AR-1260-5	8.213	7.279	145.3E6	158.1E6	245.512	255.506

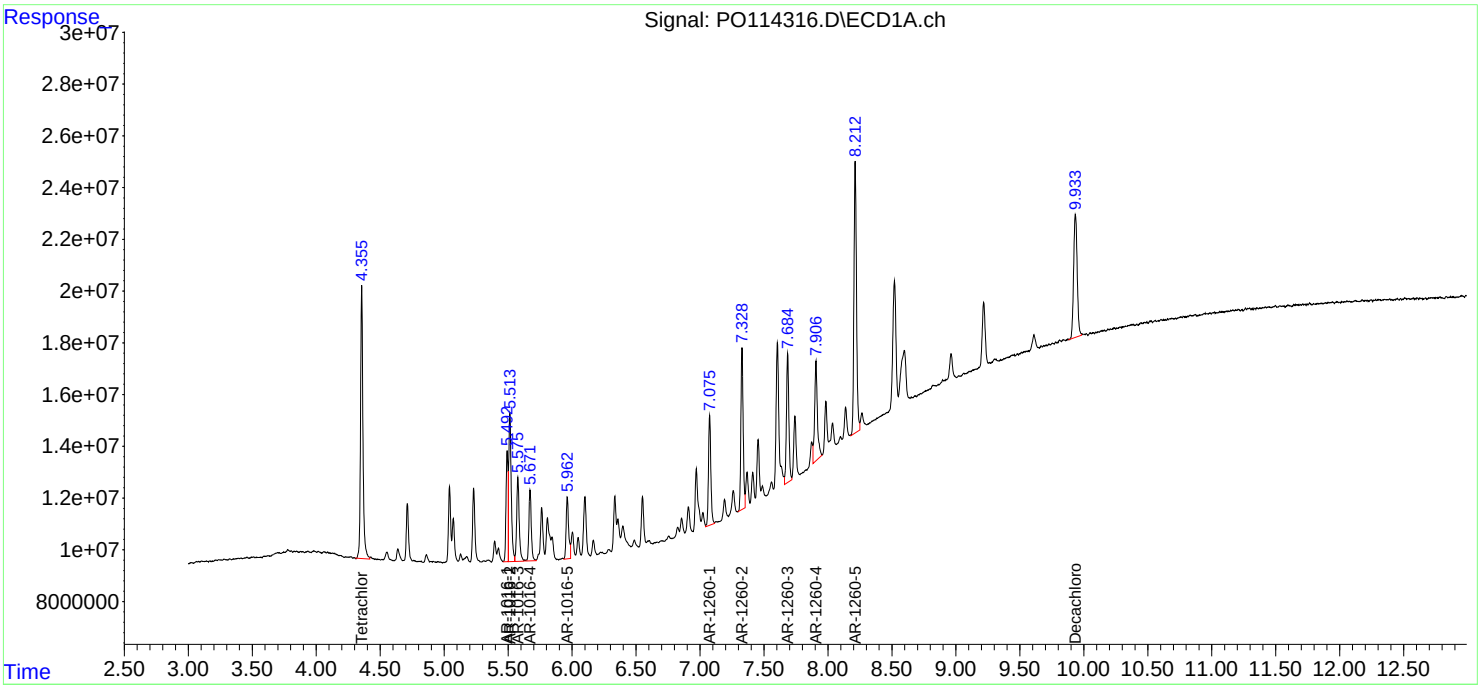
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

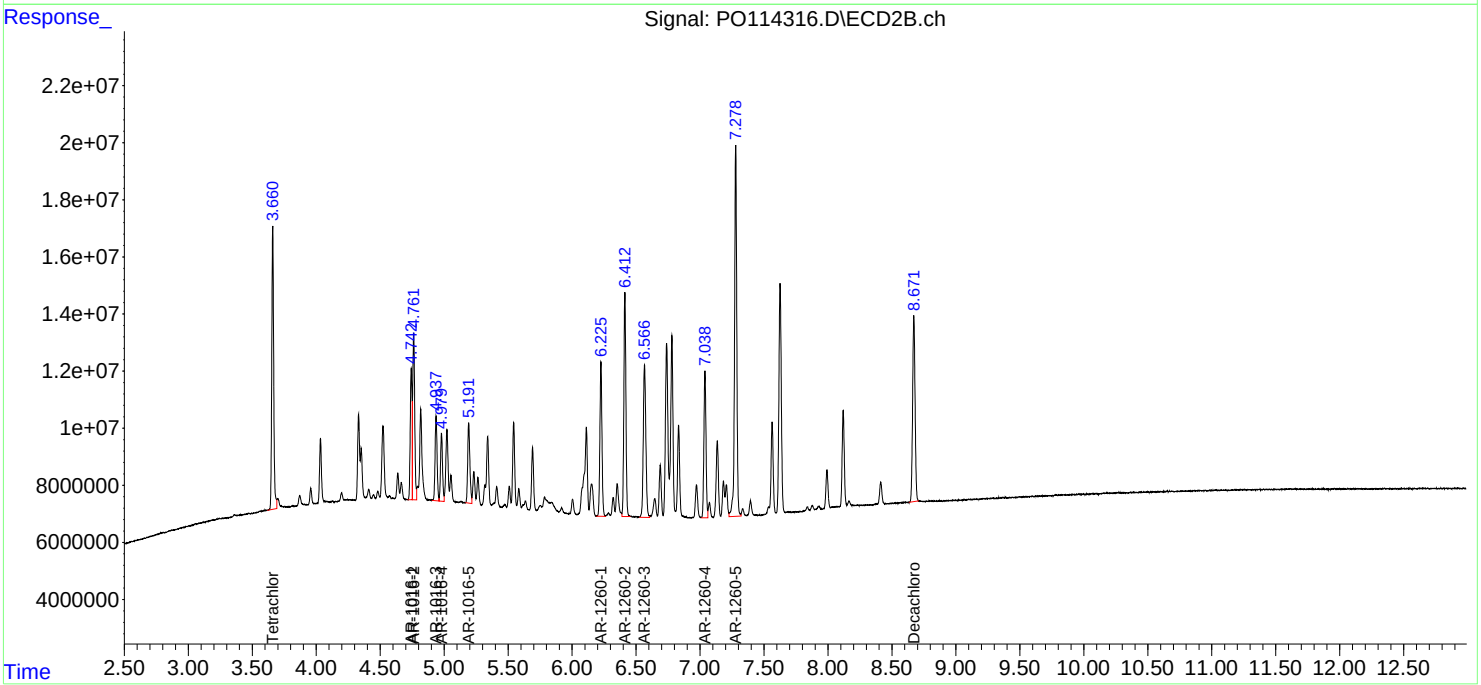
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:09
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

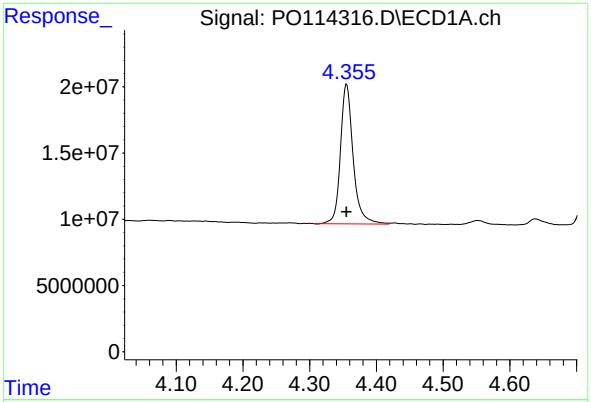
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:23:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:23:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



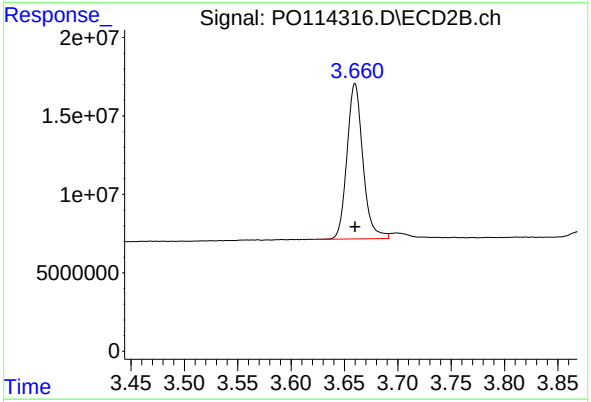




#1 Tetrachloro-m-xylene

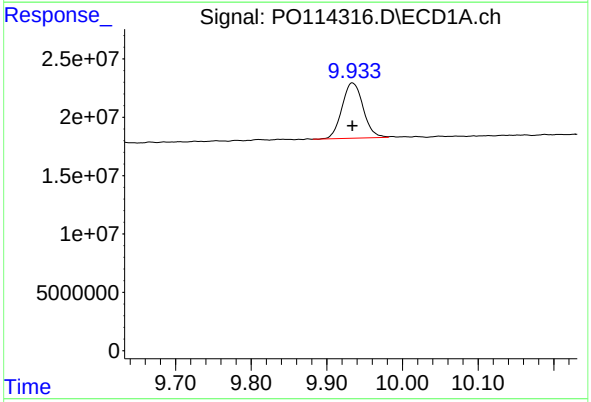
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 138810323
Conc: 24.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



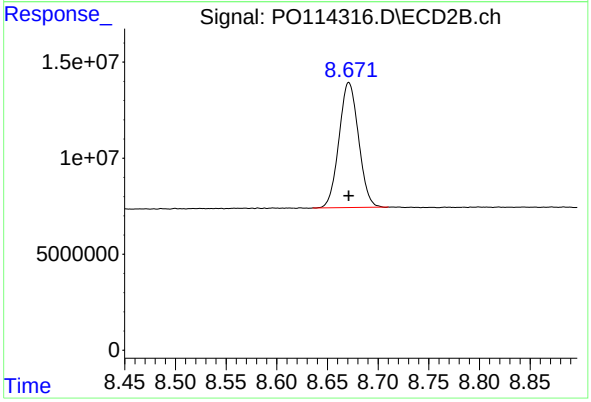
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 102913463
Conc: 25.39 ng/ml



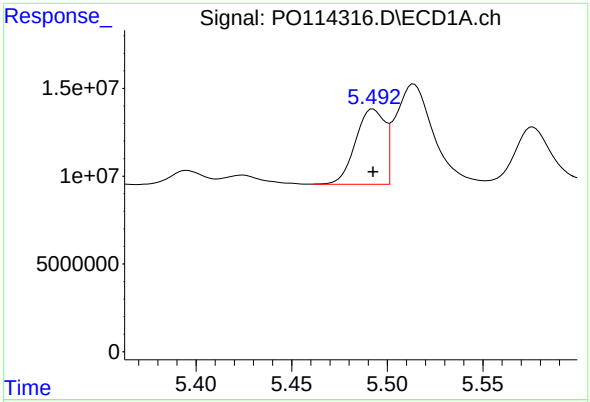
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 91623451
Conc: 24.68 ng/ml



#2 Decachlorobiphenyl

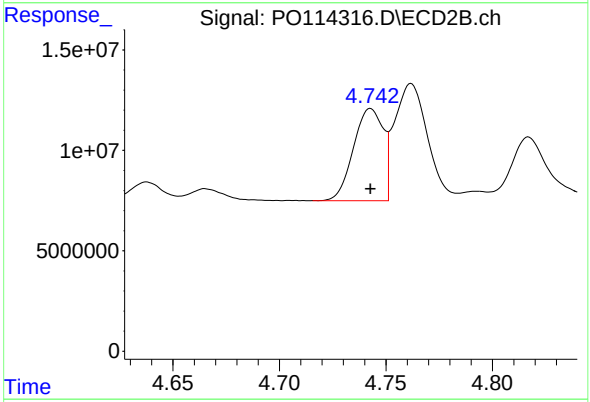
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 87271717
Conc: 26.03 ng/ml



#3 AR-1016-1

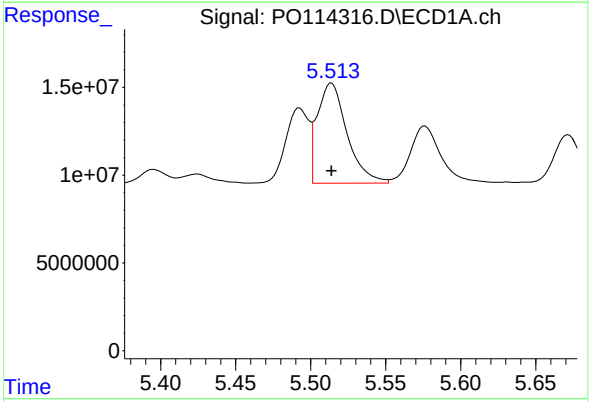
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 45830716
Conc: 254.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



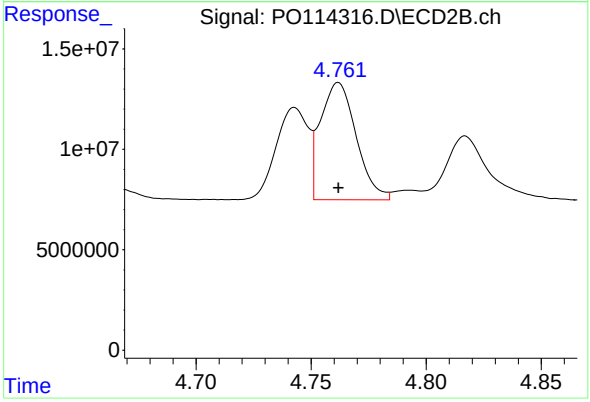
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 44646263
Conc: 263.64 ng/ml



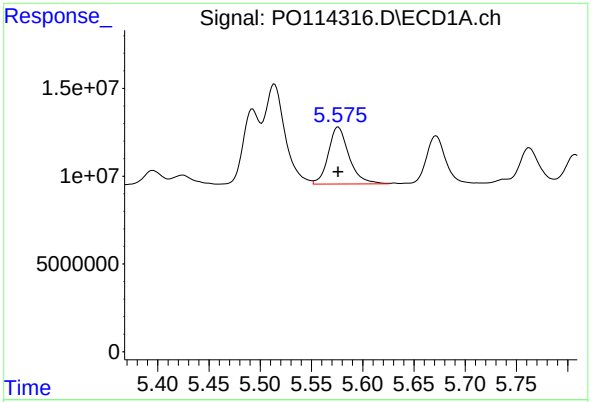
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 78785225
Conc: 258.34 ng/ml



#4 AR-1016-2

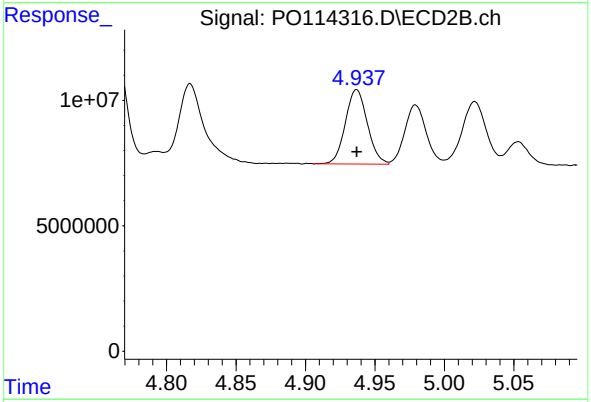
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 63226166
Conc: 261.04 ng/ml



#5 AR-1016-3

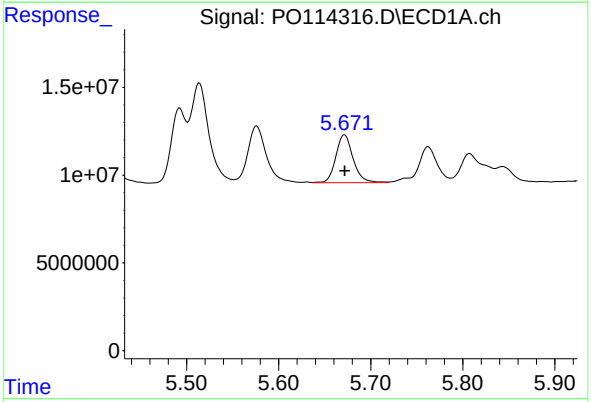
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 45626305
Conc: 262.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



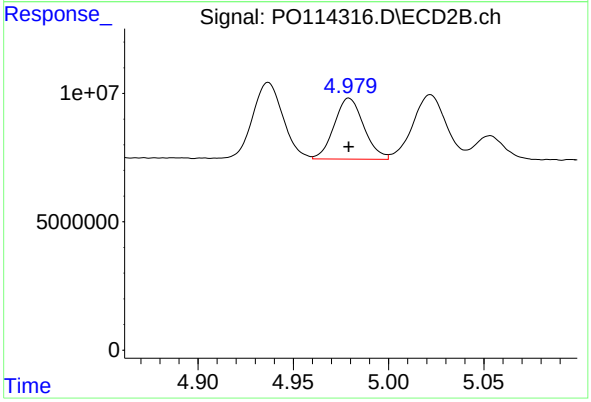
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 32771742
Conc: 260.50 ng/ml



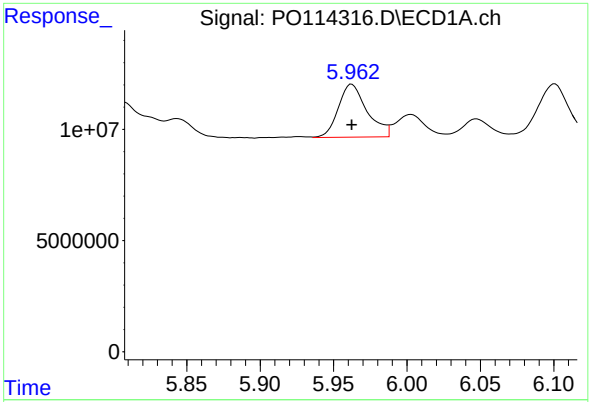
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 35592047
Conc: 256.51 ng/ml



#6 AR-1016-4

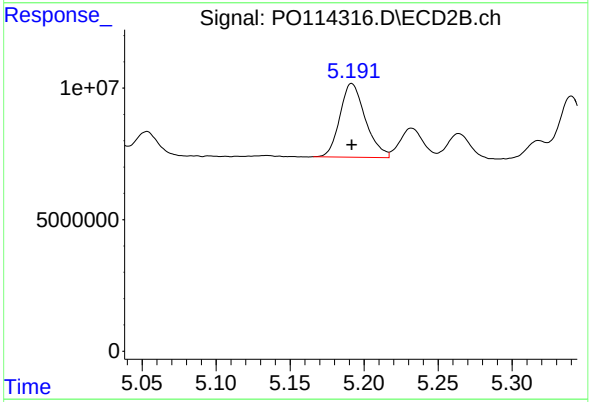
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 25674514
Conc: 262.14 ng/ml



#7 AR-1016-5

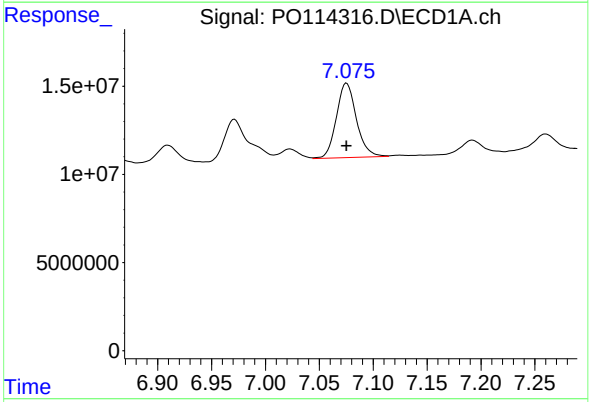
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 32548646
Conc: 255.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



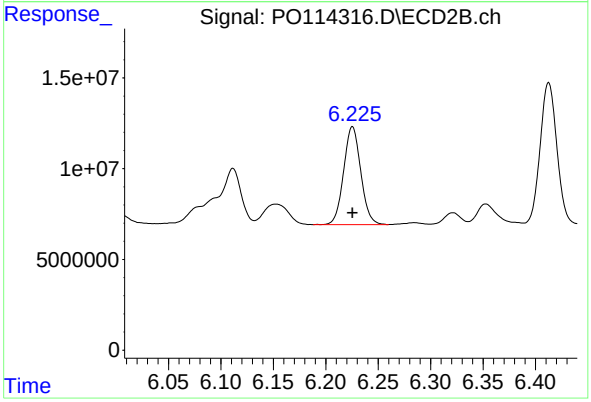
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 33560019
Conc: 264.83 ng/ml



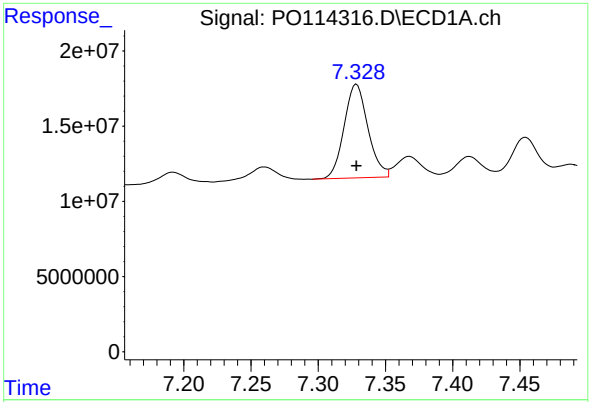
#31 AR-1260-1

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 54646550
Conc: 249.39 ng/ml



#31 AR-1260-1

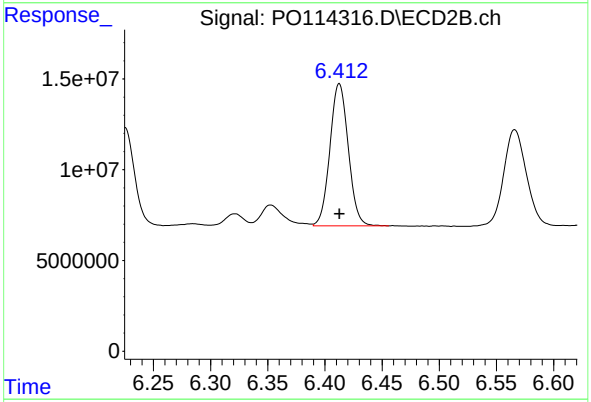
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 61418348
Conc: 264.63 ng/ml



#32 AR-1260-2

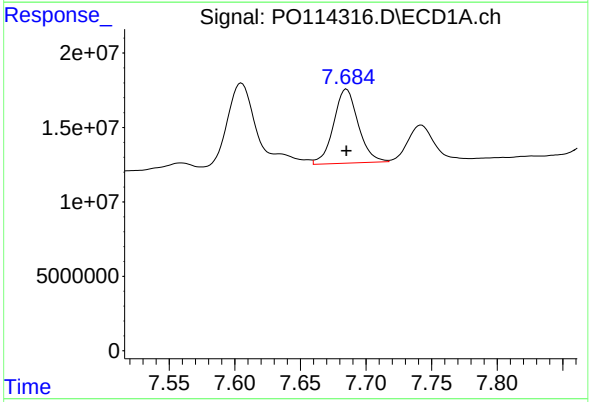
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 76791974
Conc: 249.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



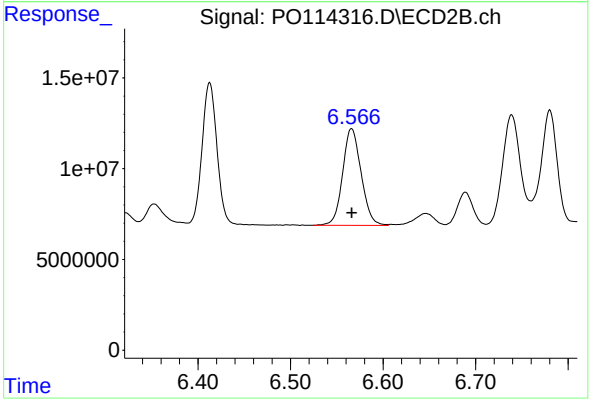
#32 AR-1260-2

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 87622306
Conc: 262.86 ng/ml



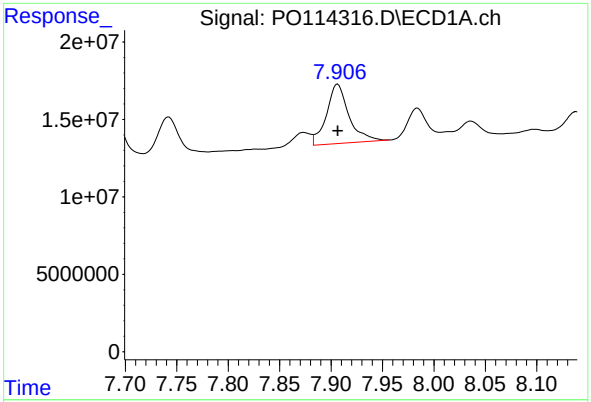
#33 AR-1260-3

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 65114275
Conc: 247.19 ng/ml



#33 AR-1260-3

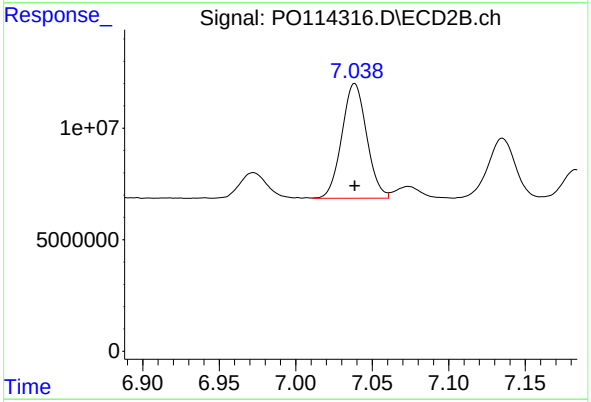
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 74109581
Conc: 269.53 ng/ml



#34 AR-1260-4

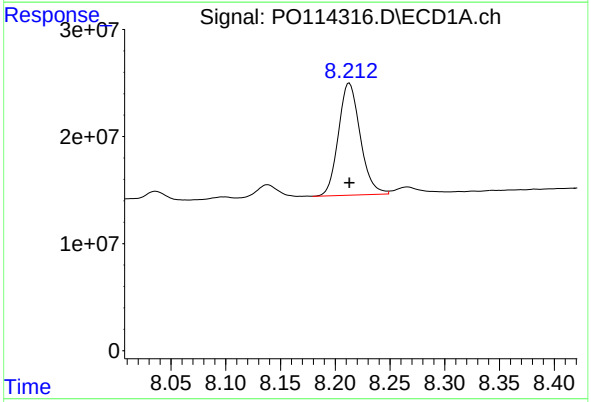
R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 58192264
Conc: 249.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



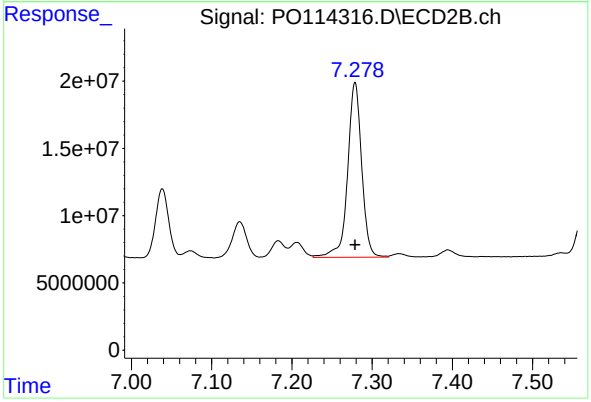
#34 AR-1260-4

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 58227692
Conc: 260.63 ng/ml



#35 AR-1260-5

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 145284305
Conc: 245.51 ng/ml



#35 AR-1260-5

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 158063881
Conc: 255.51 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:27
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:50:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:49:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.356	3.660	23830001	18995089	4.389	4.746	
2)	SA Decachlor...	9.932	8.671	16779332	16282457	4.608	4.885	
	Target Compounds							
3)	L1 AR-1016-1	5.493	4.742	9026038	8226466	50.045	48.855	
4)	L1 AR-1016-2	5.514	4.762	15081209	12067905	49.561	49.860	
5)	L1 AR-1016-3	5.576	4.937	9459697	5878216	53.489	47.346	
6)	L1 AR-1016-4	5.672	4.979	6637903	4543186	48.257	47.067	
7)	L1 AR-1016-5	5.963	5.193	6050400	6619465	47.918	51.773	
31)	L7 AR-1260-1	7.074	6.225	10657906	12452970	48.905	52.883	
32)	L7 AR-1260-2	7.327	6.412	15554062	16929233	50.650m	50.627	
33)	L7 AR-1260-3	7.685	6.566	11433440	18743632	44.580	63.550	#
34)	L7 AR-1260-4	7.906	7.039	11636453	11045144	49.959	49.550	
35)	L7 AR-1260-5	8.213	7.279	26688091	29514111	46.001	48.150	

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:27
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

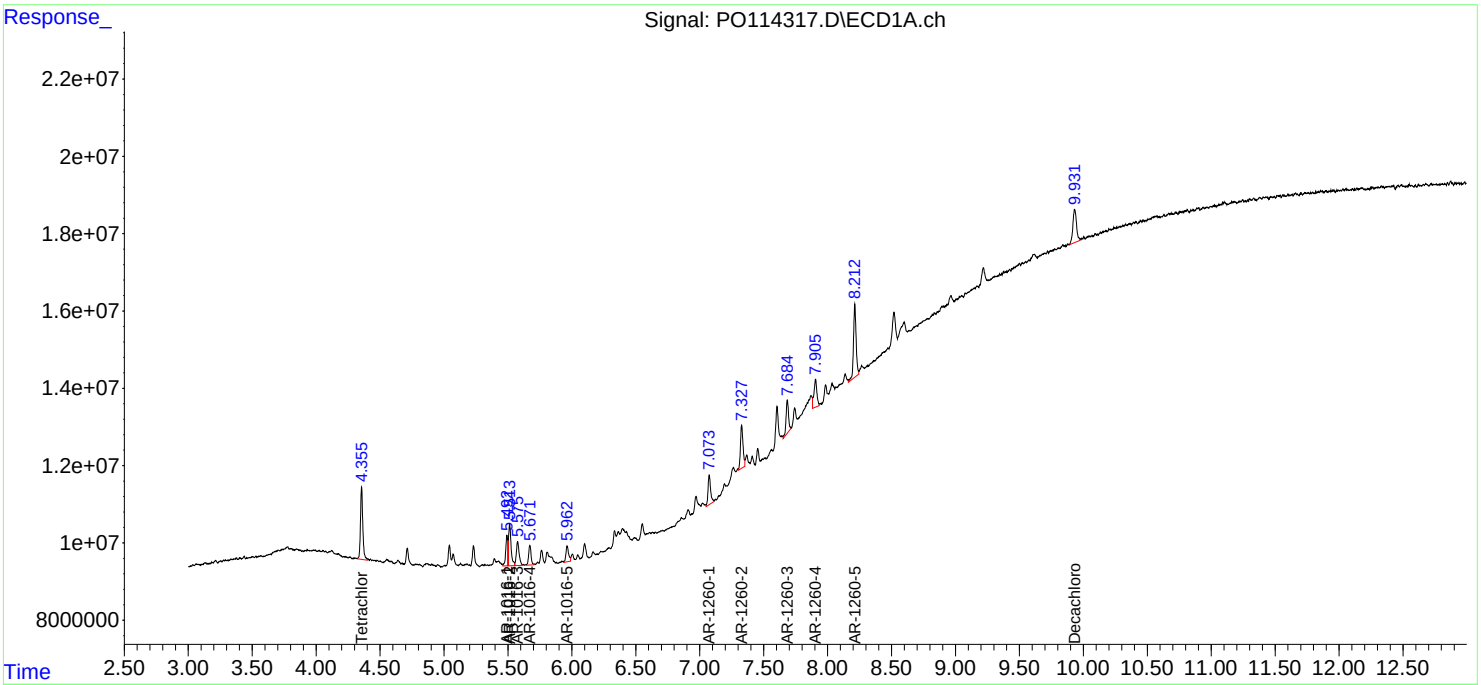
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

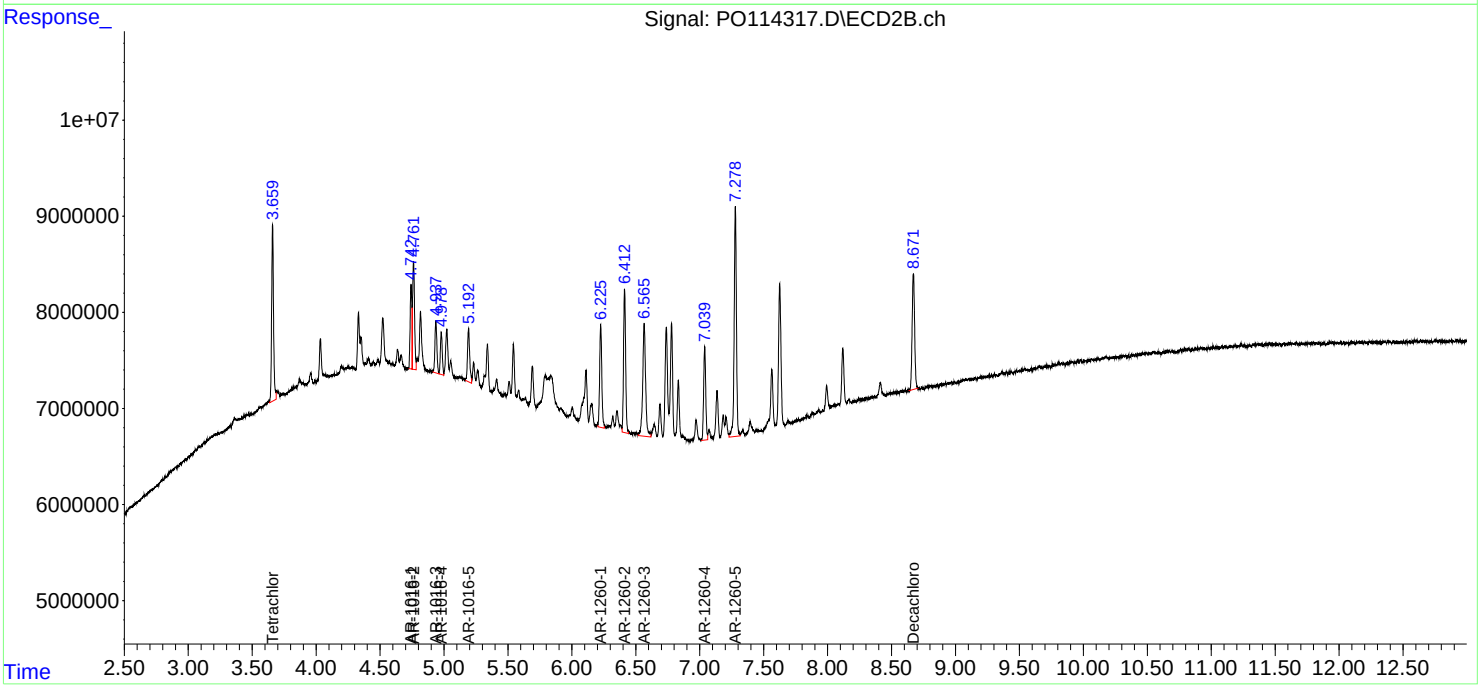
Manual Integrations APPROVED

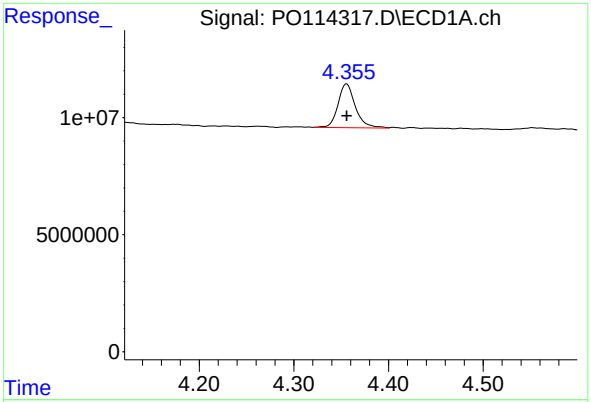
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:50:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:49:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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







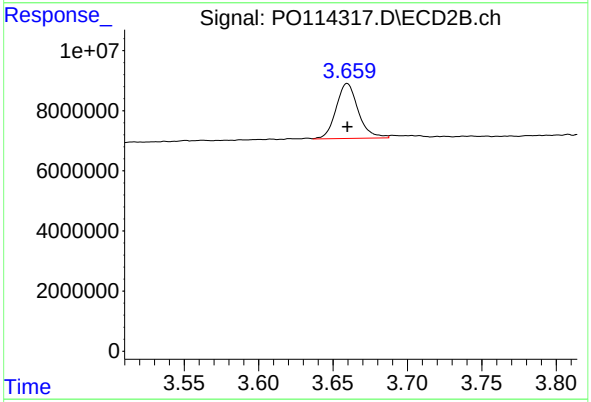
#1 Tetrachloro-m-xylene

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 23830001
Conc: 4.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

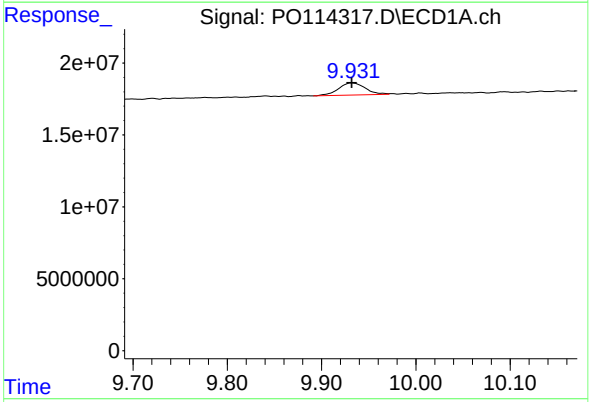
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



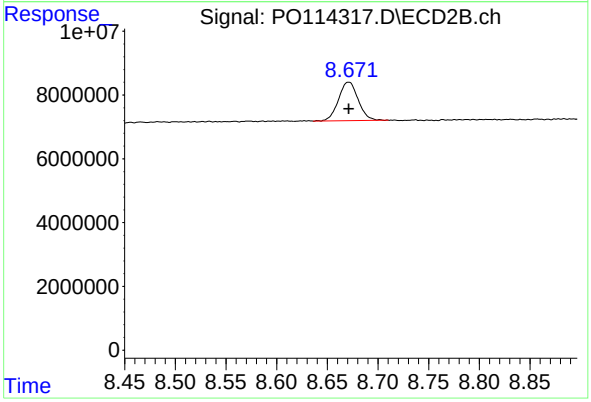
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 18995089
Conc: 4.75 ng/ml



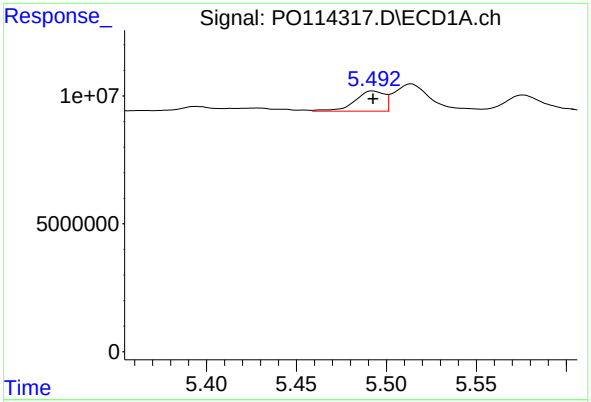
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 16779332
Conc: 4.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 16282457
Conc: 4.88 ng/ml



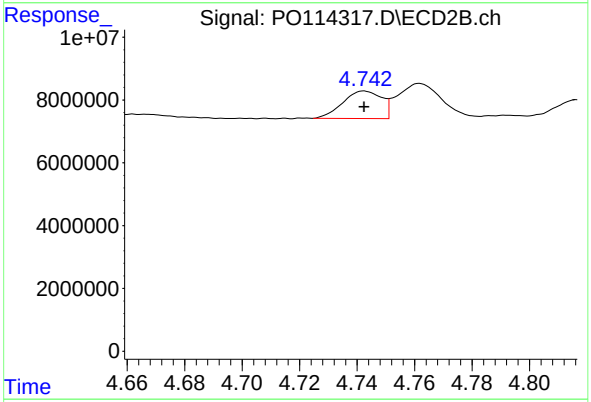
#3 AR-1016-1

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 9026038
Conc: 50.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

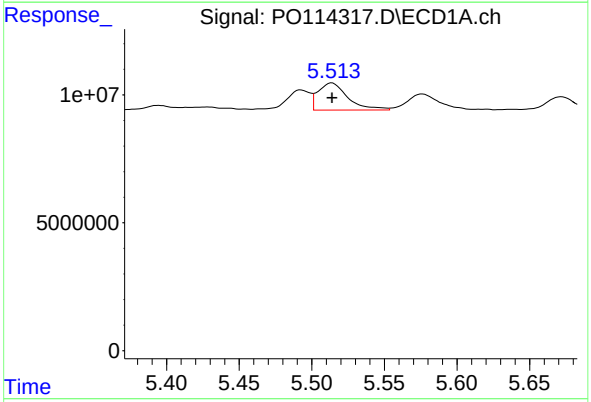
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



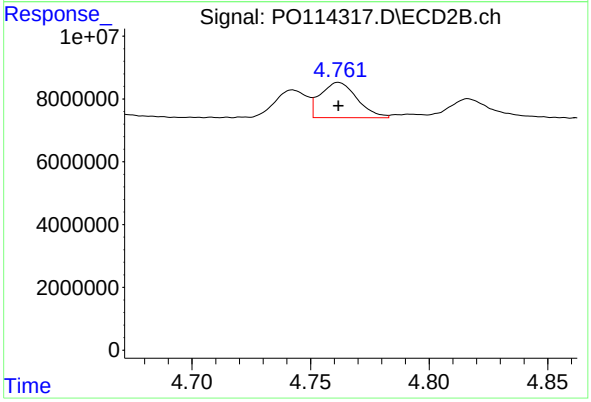
#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 8226466
Conc: 48.86 ng/ml



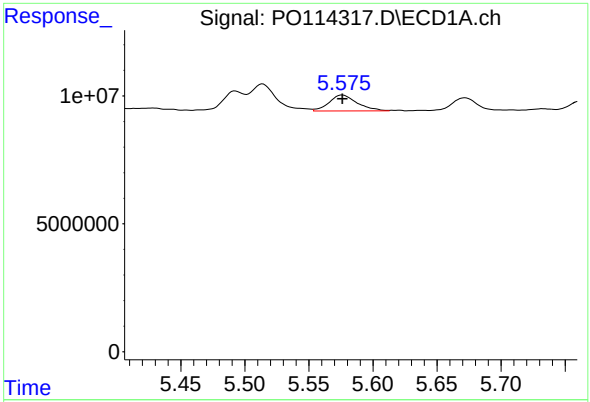
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 15081209
Conc: 49.56 ng/ml



#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 12067905
Conc: 49.86 ng/ml



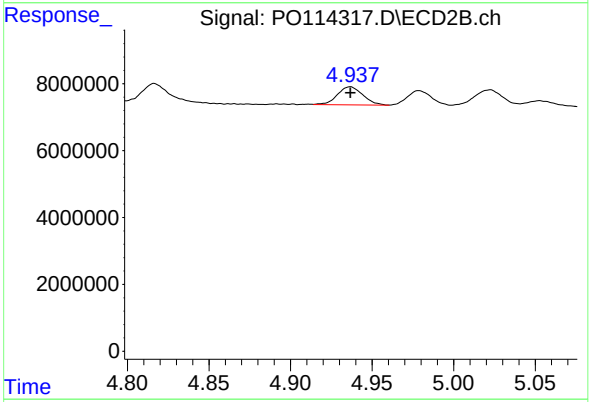
#5 AR-1016-3

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 9459697
Conc: 53.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

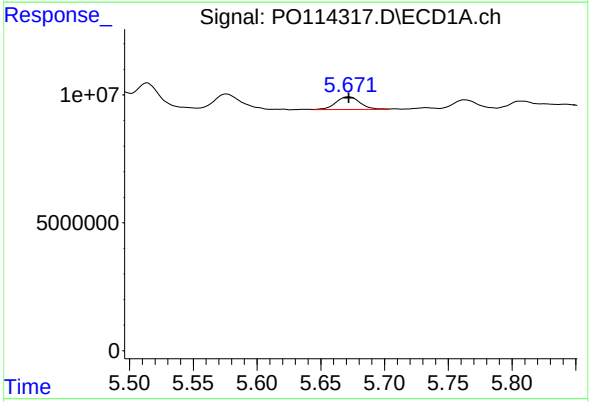
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



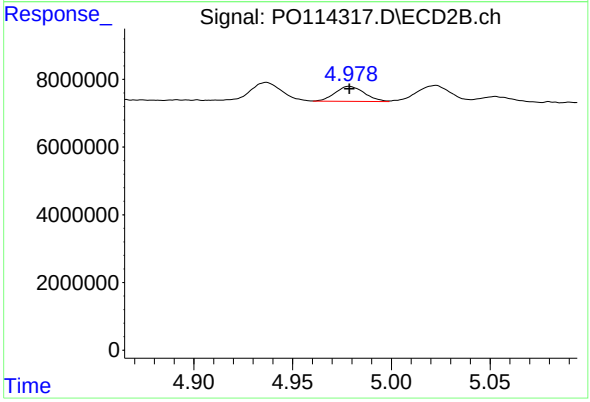
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 5878216
Conc: 47.35 ng/ml



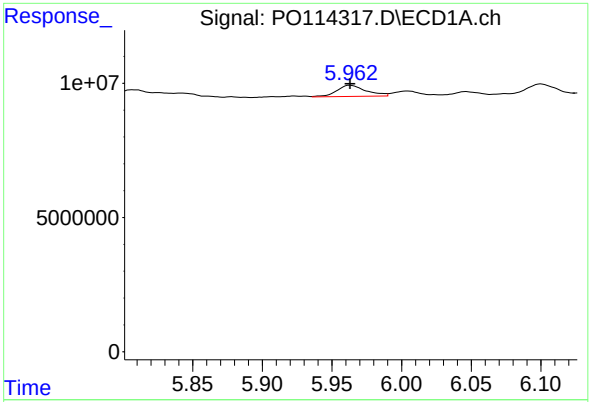
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 6637903
Conc: 48.26 ng/ml



#6 AR-1016-4

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 4543186
Conc: 47.07 ng/ml



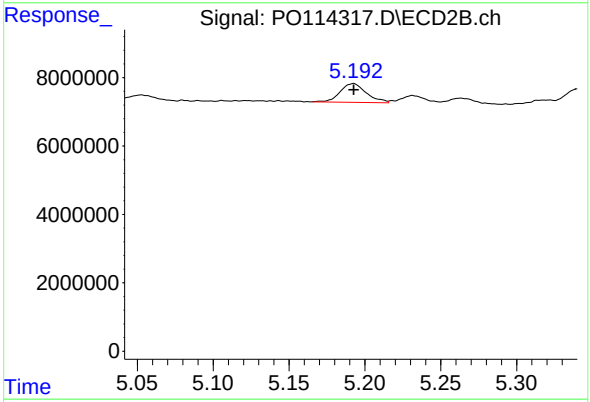
#7 AR-1016-5

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 6050400
Conc: 47.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

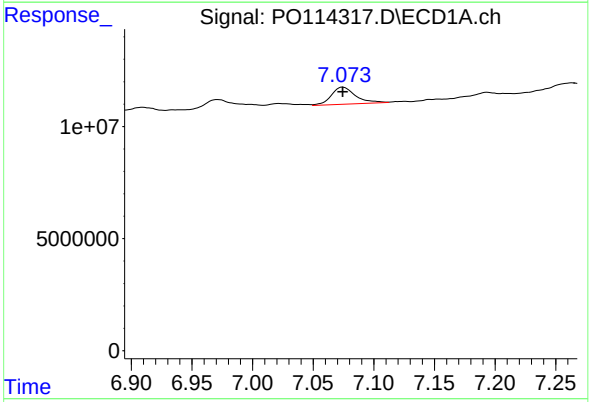
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



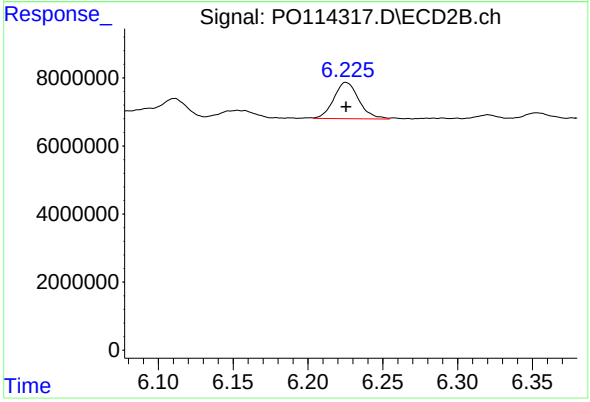
#7 AR-1016-5

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 6619465
Conc: 51.77 ng/ml



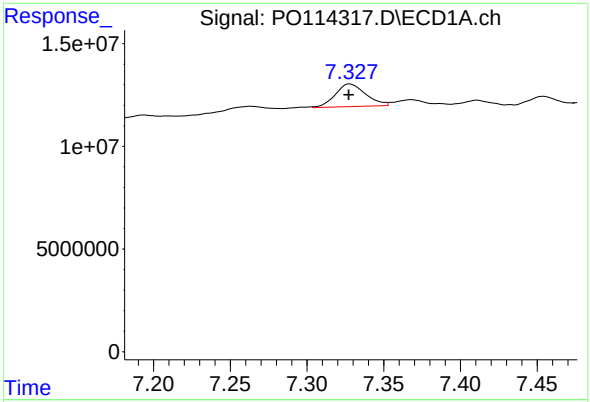
#31 AR-1260-1

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 10657906
Conc: 48.90 ng/ml



#31 AR-1260-1

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 12452970
Conc: 52.88 ng/ml



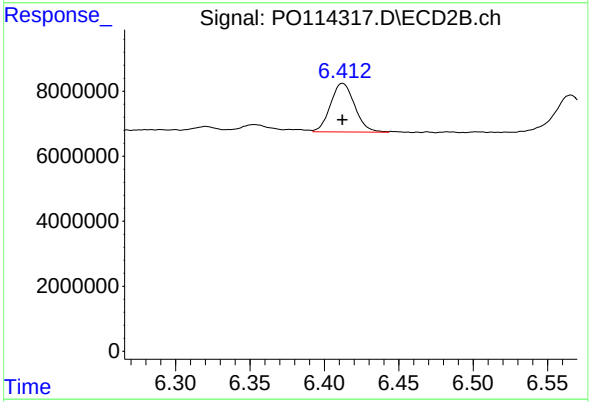
#32 AR-1260-2

R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 15554062
Conc: 50.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

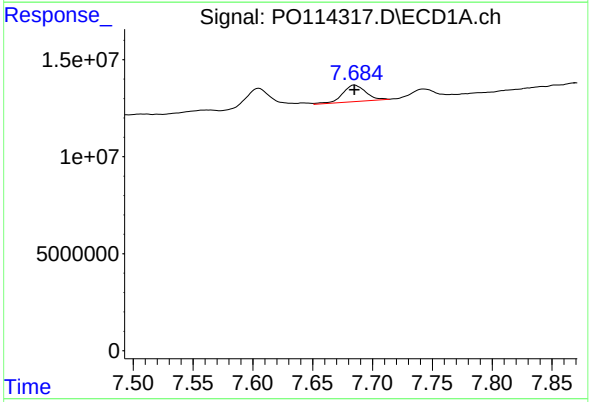
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



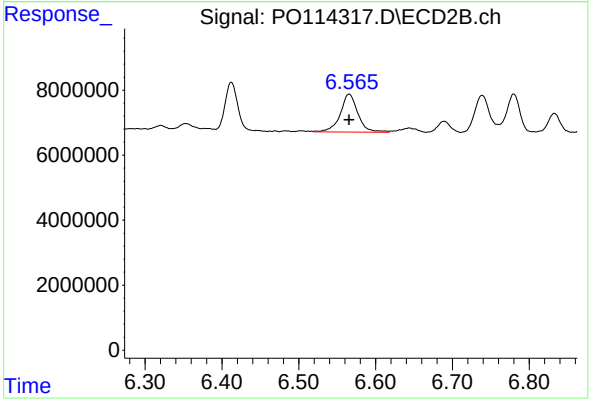
#32 AR-1260-2

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 16929233
Conc: 50.63 ng/ml



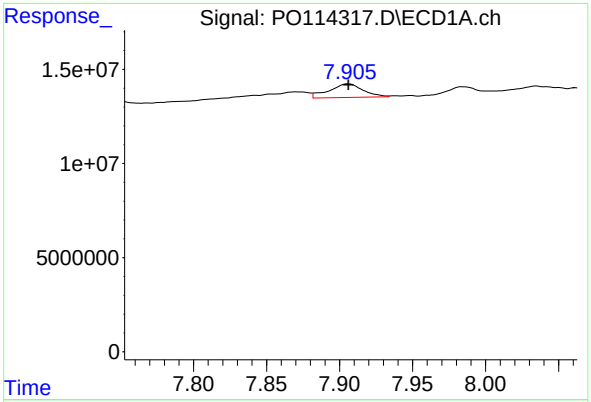
#33 AR-1260-3

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 11433440
Conc: 44.58 ng/ml



#33 AR-1260-3

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 18743632
Conc: 63.55 ng/ml



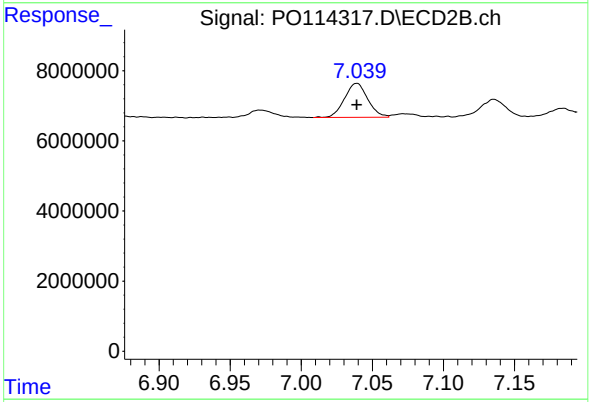
#34 AR-1260-4

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 11636453
Conc: 49.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

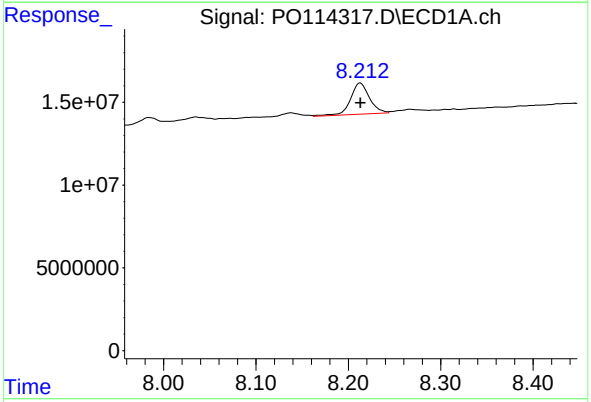
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



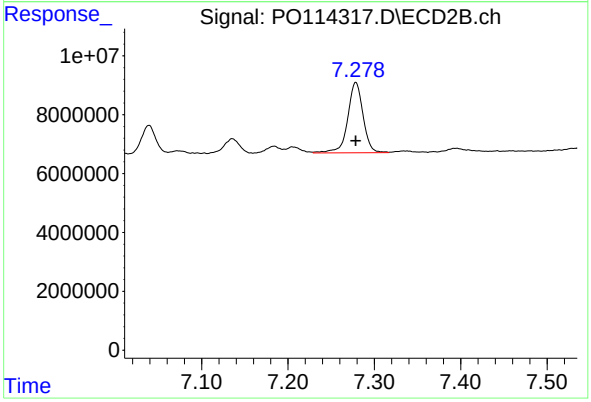
#34 AR-1260-4

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 11045144
Conc: 49.55 ng/ml



#35 AR-1260-5

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 26688091
Conc: 46.00 ng/ml



#35 AR-1260-5

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 29514111
Conc: 48.15 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:45
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: Oct 10 02:19:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:14:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.356	3.660	288.6E6	207.2E6	50.000	50.000
2)	SA Decachlor...	9.933	8.671	186.4E6	175.2E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.556	3.873	32514894	27415988	500.000	500.000
9)	L2 AR-1221-2	4.639	3.957	22925746	20232677	500.000	500.000
10)	L2 AR-1221-3	4.713	4.034	75238574	64224491	500.000	500.000

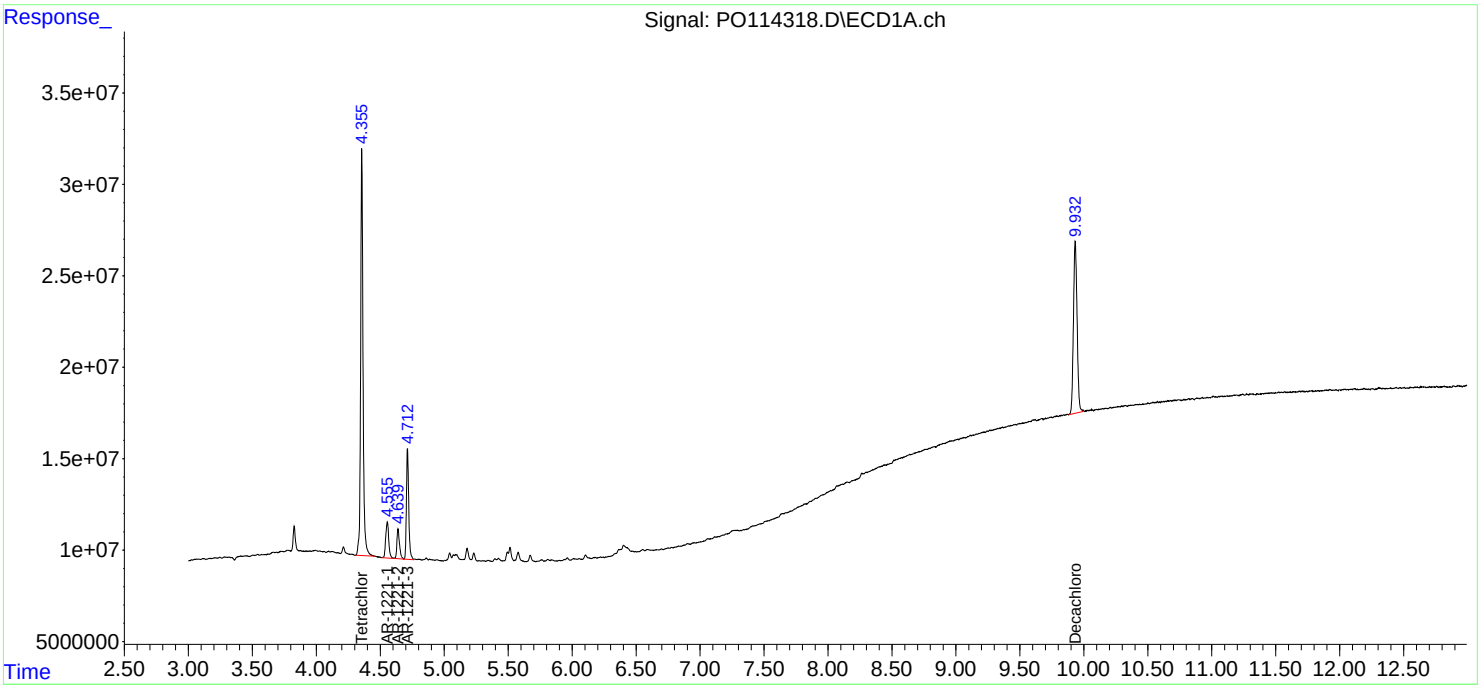
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

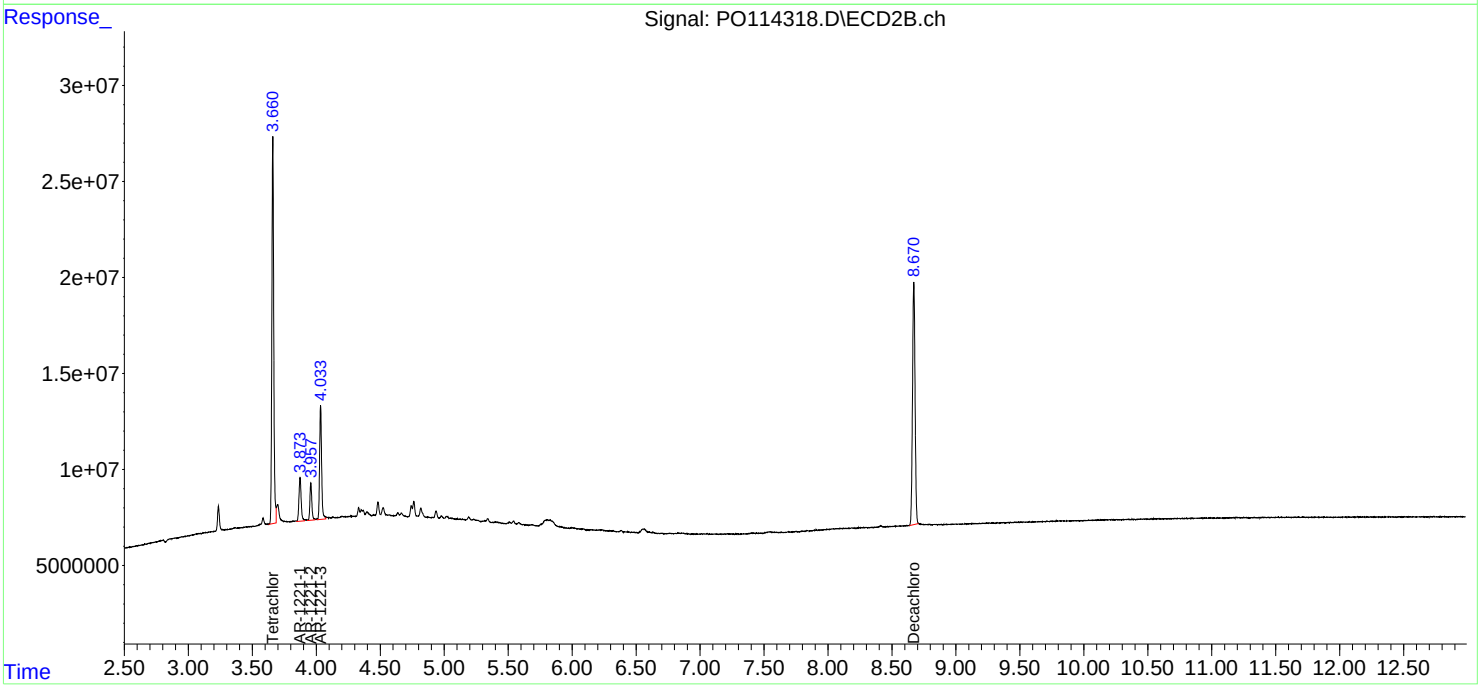
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:45
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

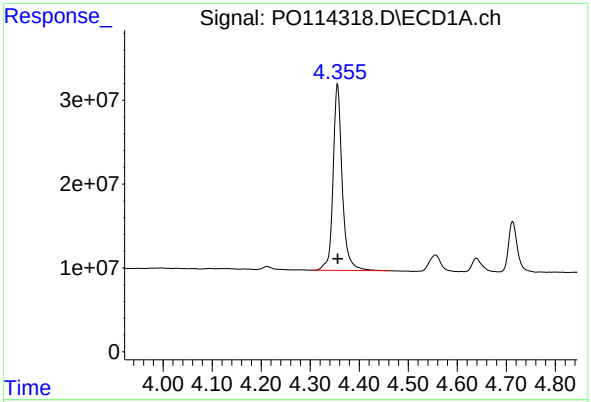
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 02:19:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:14:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



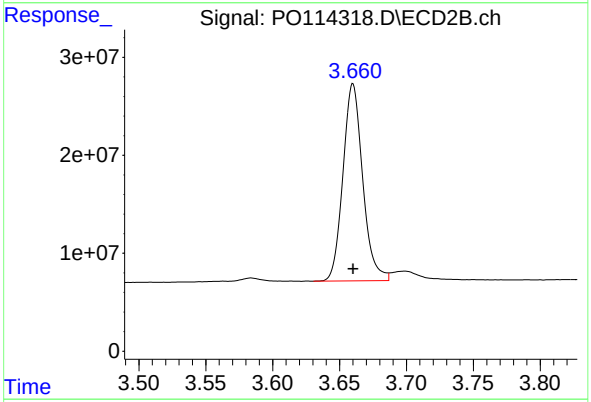




#1 Tetrachloro-m-xylene

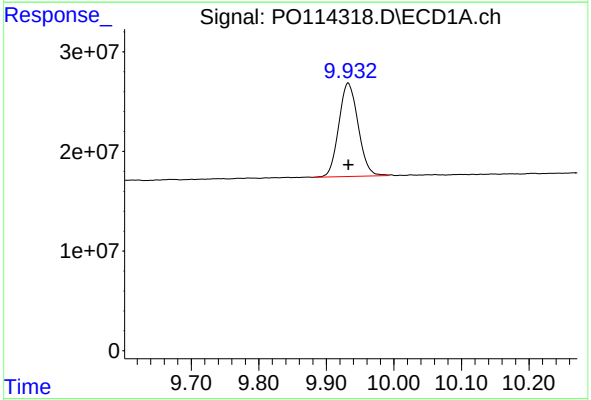
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 288601942
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



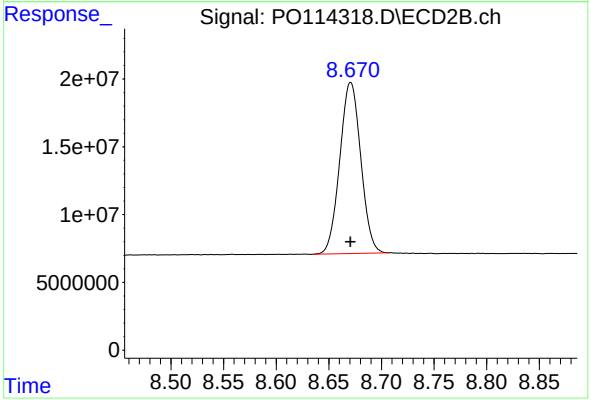
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 207218926
Conc: 50.00 ng/ml



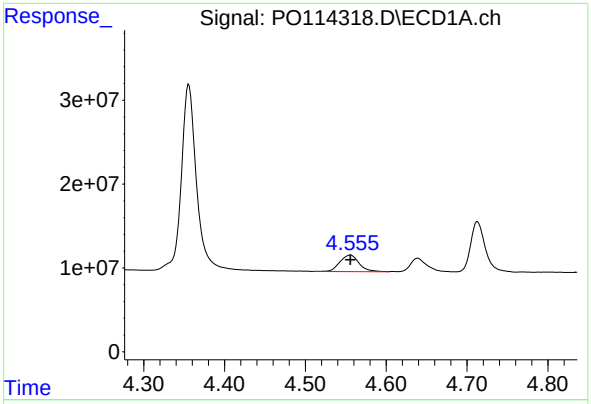
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 186411513
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

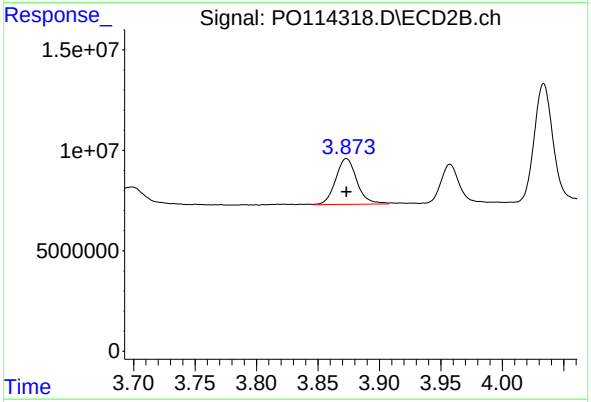
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 175233346
Conc: 50.00 ng/ml



#8 AR-1221-1

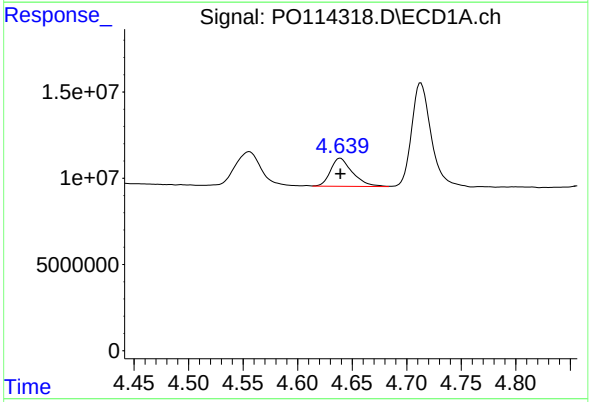
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 32514894
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



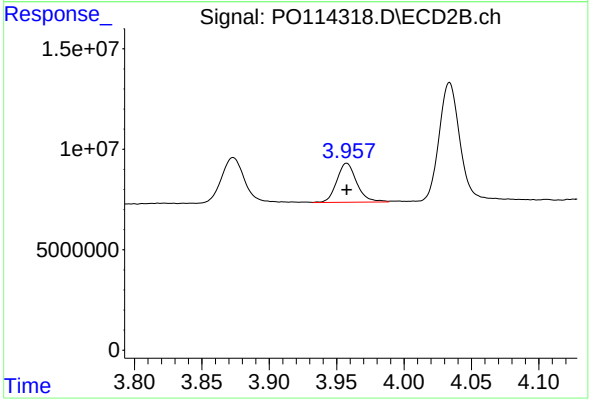
#8 AR-1221-1

R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 27415988
Conc: 500.00 ng/ml



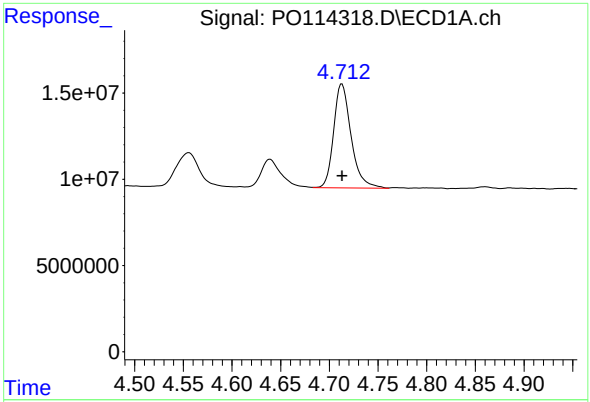
#9 AR-1221-2

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 22925746
Conc: 500.00 ng/ml



#9 AR-1221-2

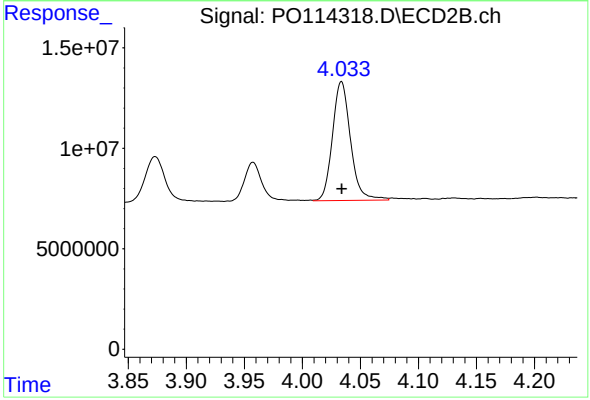
R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 20232677
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 75238574
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 64224491
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:04
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: Oct 10 02:41:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:30:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.356	3.660	302.6E6	220.9E6	50.000	50.000
2)	SA Decachlor...	9.934	8.672	196.9E6	187.6E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.713	4.034	61030294	52326043	500.000	500.000
12)	L3 AR-1232-2	5.232	4.762	27033006	51440164	500.000	500.000
13)	L3 AR-1232-3	5.515	4.937	60677577	25618572	500.000	500.000
14)	L3 AR-1232-4	5.673	5.022	27015759	21817348	500.000	500.000
15)	L3 AR-1232-5	5.764	5.192	18674393	24026014	500.000	500.000

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

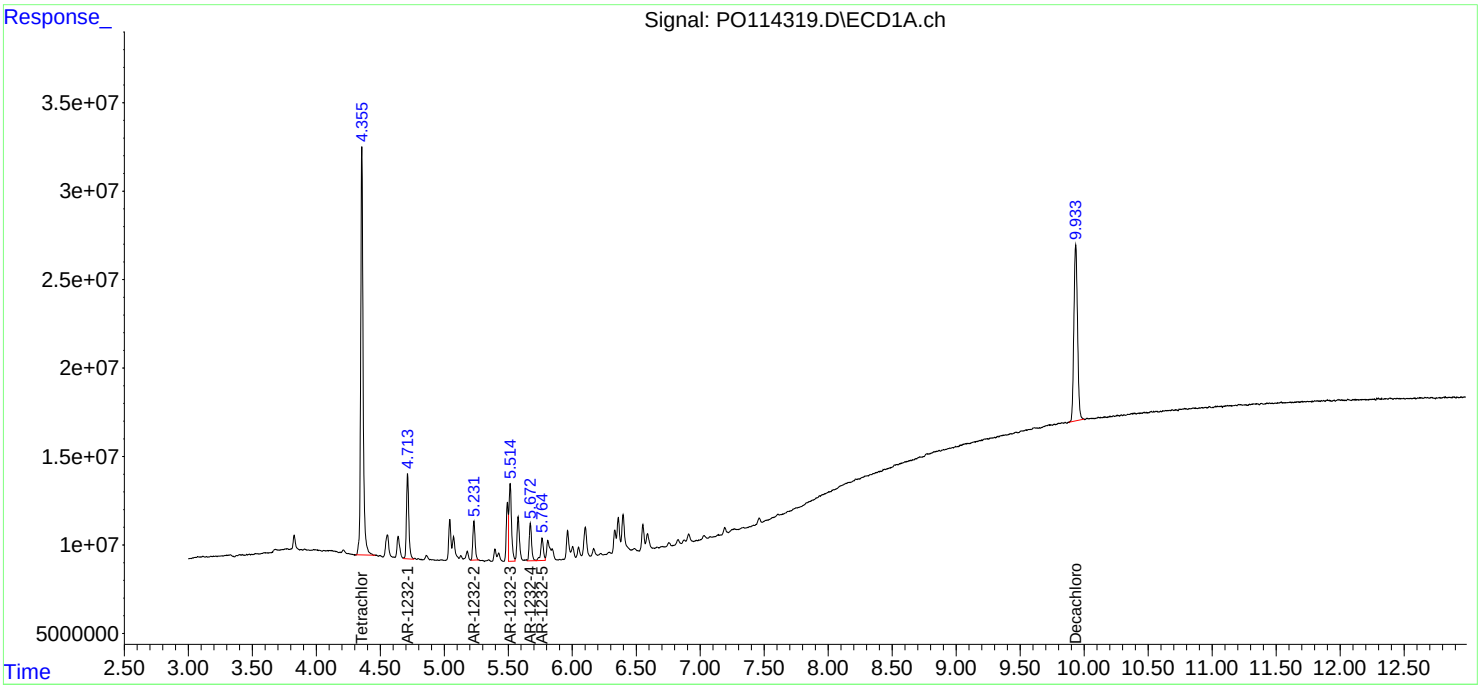
ICAL Form

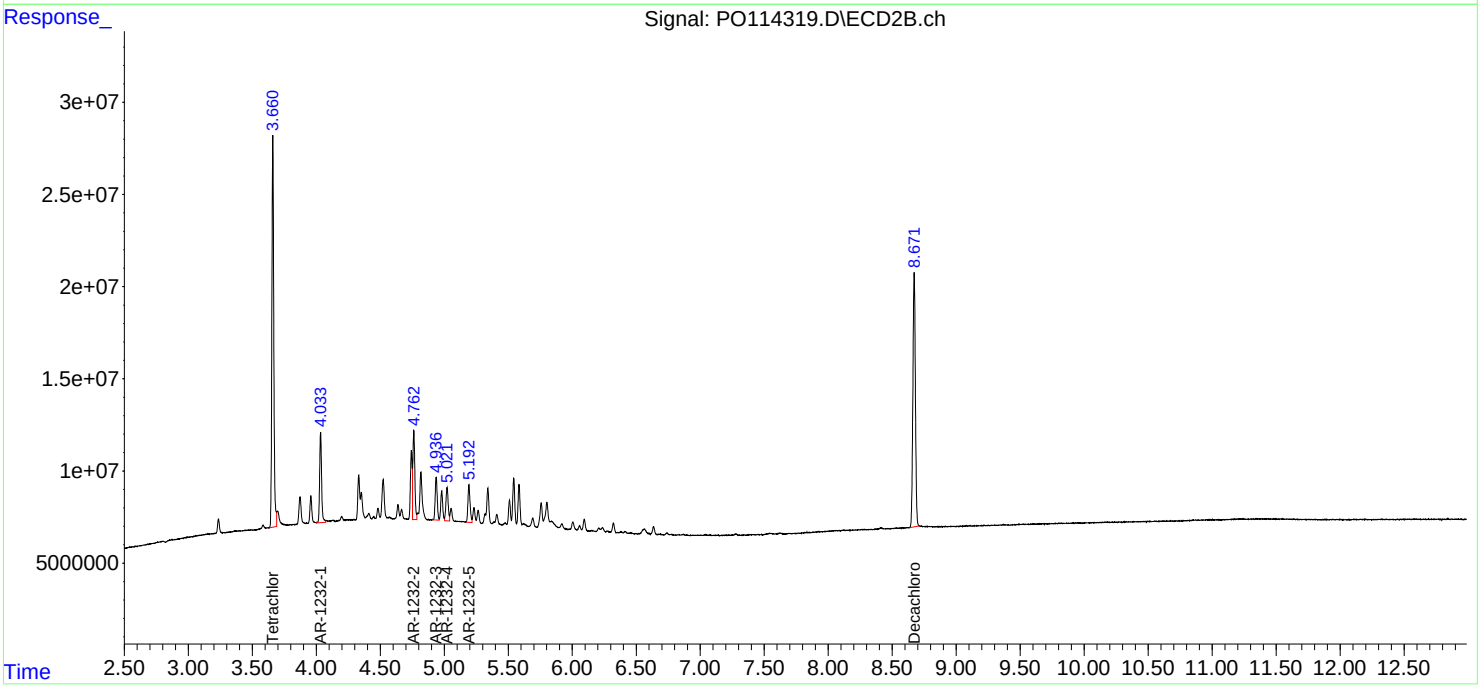
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:04
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

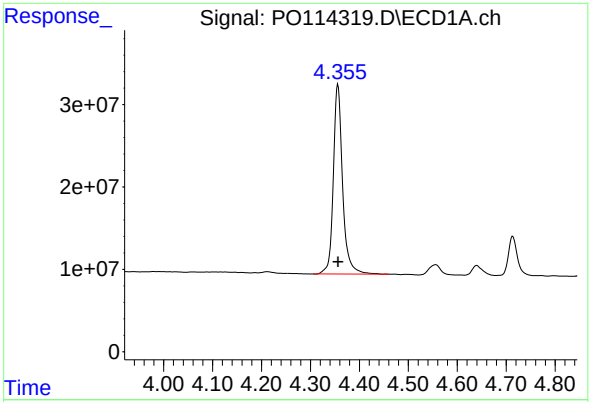
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 02:41:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:30:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



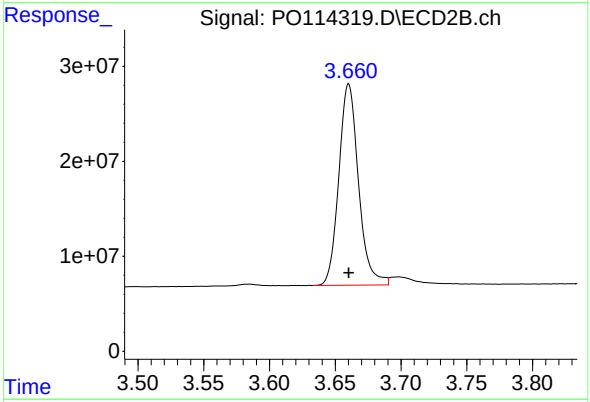




#1 Tetrachloro-m-xylene

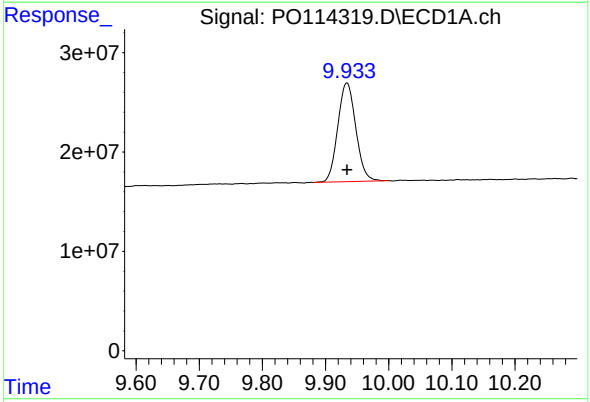
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 302629783
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



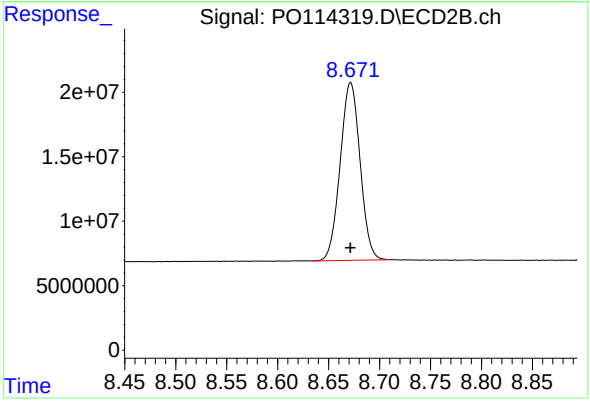
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 220918421
Conc: 50.00 ng/ml



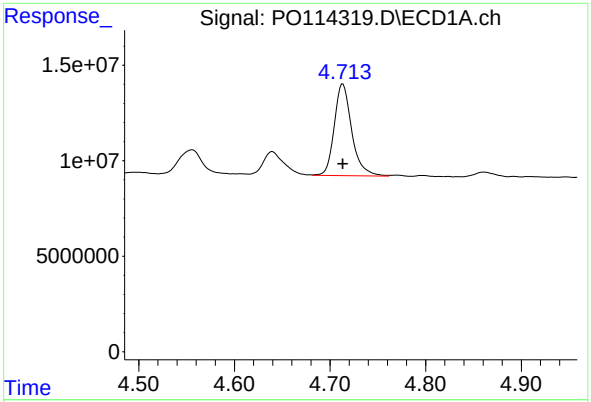
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 196852054
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

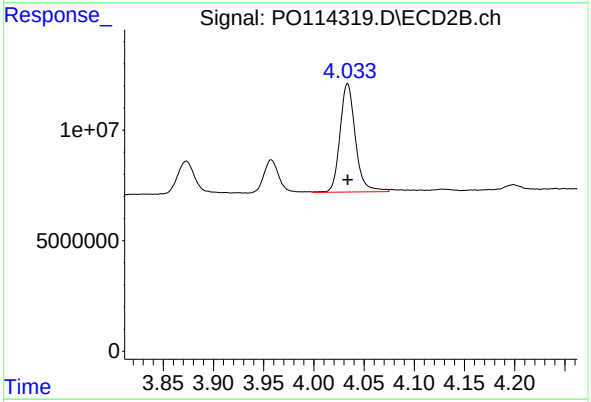
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 187559705
Conc: 50.00 ng/ml



#11 AR-1232-1

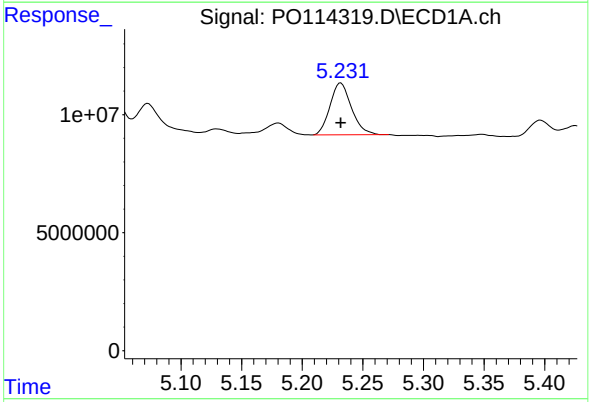
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 61030294
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



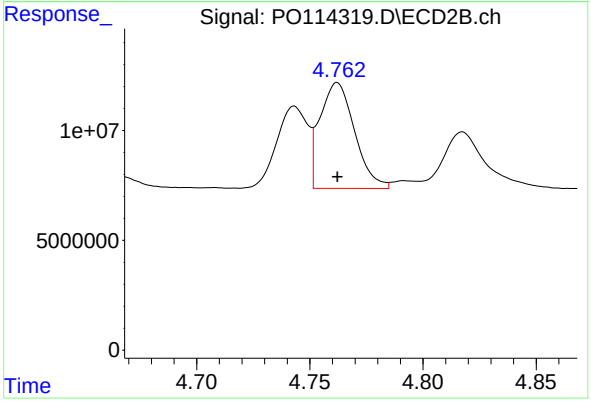
#11 AR-1232-1

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 52326043
Conc: 500.00 ng/ml



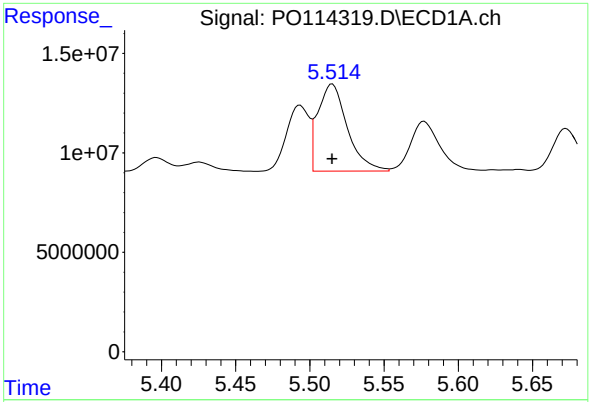
#12 AR-1232-2

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 27033006
Conc: 500.00 ng/ml



#12 AR-1232-2

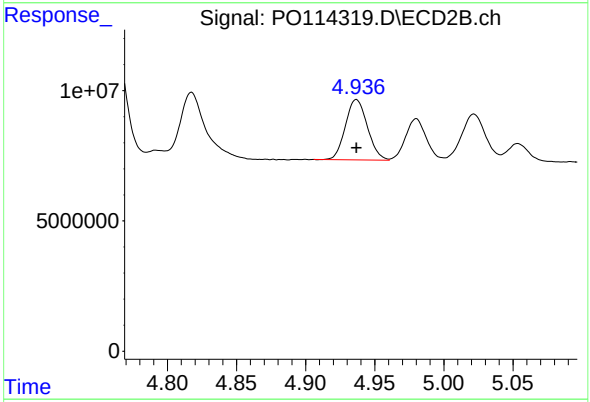
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 51440164
Conc: 500.00 ng/ml



#13 AR-1232-3

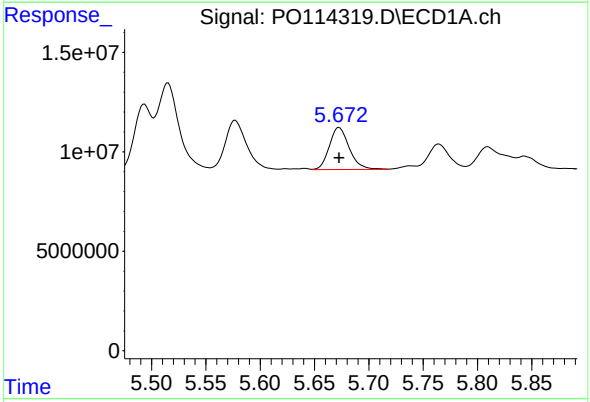
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 60677577
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



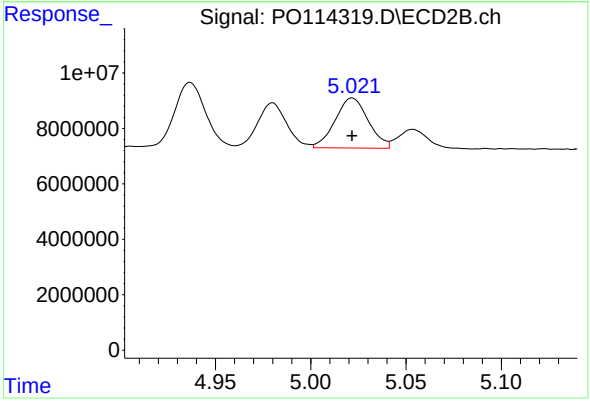
#13 AR-1232-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 25618572
Conc: 500.00 ng/ml



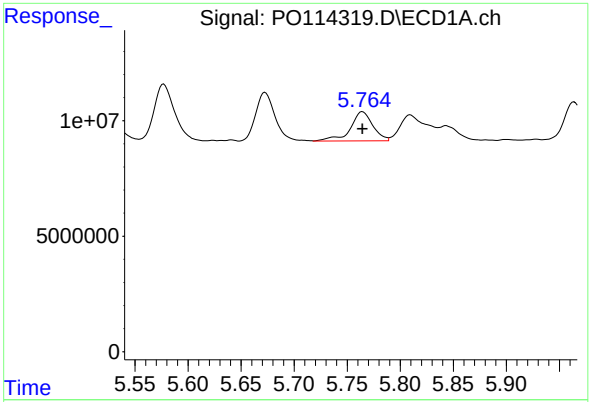
#14 AR-1232-4

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 27015759
Conc: 500.00 ng/ml



#14 AR-1232-4

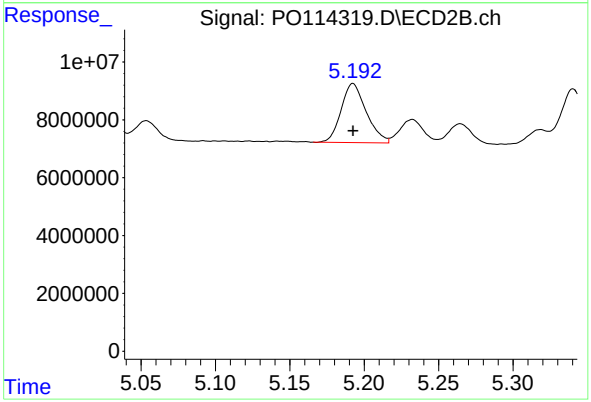
R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 21817348
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 18674393
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 24026014
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:22
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: Oct 10 03:01:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.660	580.4E6	443.2E6	98.479	101.194
2)	SA Decachlor...	9.933	8.672	380.3E6	351.7E6	98.499	93.601
	Target Compounds						
16)	L4 AR-1242-1	5.493	4.743	126.7E6	122.5E6	938.425	935.032
17)	L4 AR-1242-2	5.514	4.762	212.4E6	175.9E6	955.211	941.677
18)	L4 AR-1242-3	5.576	4.937	119.1E6	92492282	947.715	943.100
19)	L4 AR-1242-4	5.672	5.021	99737299	86300671	972.751	935.003
20)	L4 AR-1242-5	6.397	5.542	103.0E6	113.1E6	921.866	921.779

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

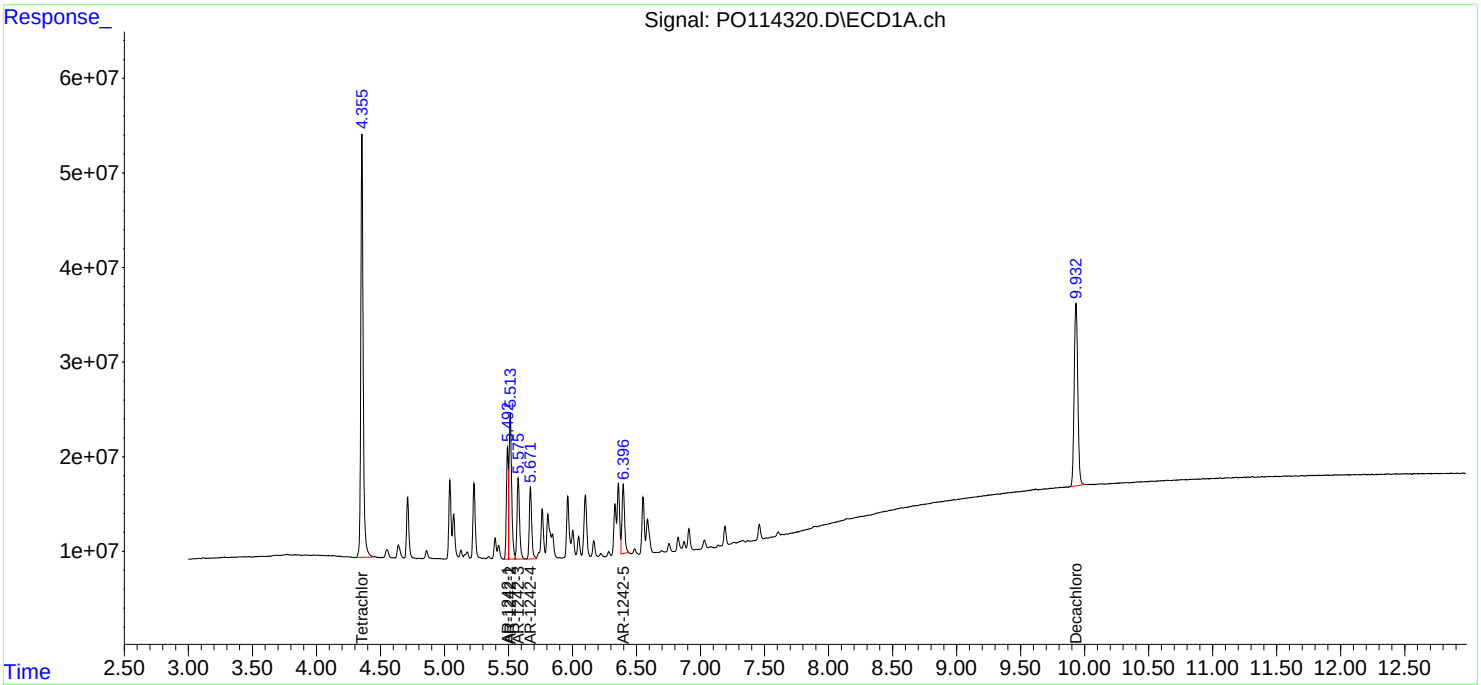
ICAL Form

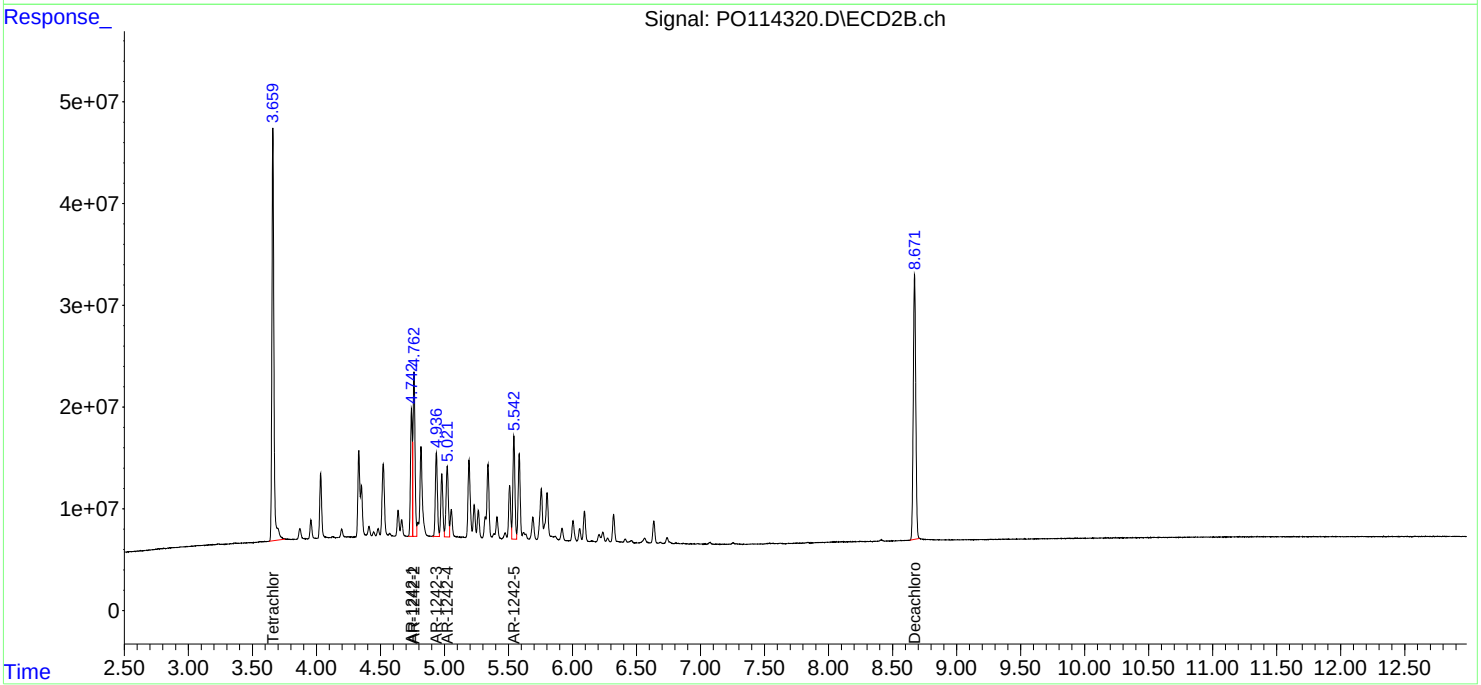
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:22
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

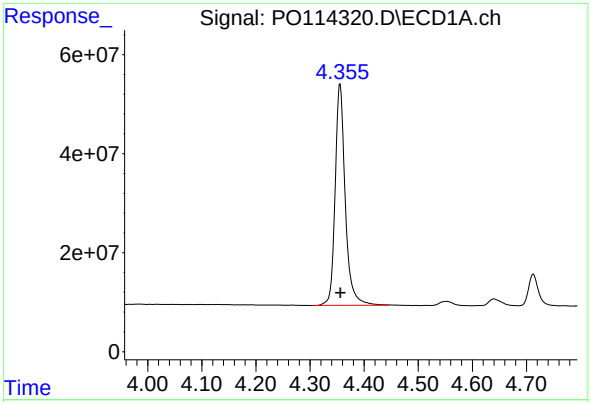
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:01:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



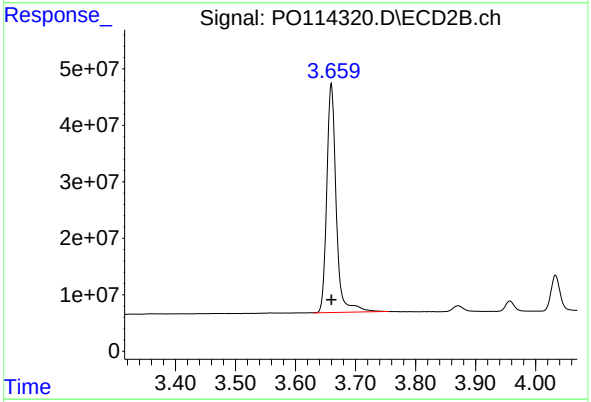




#1 Tetrachloro-m-xylene

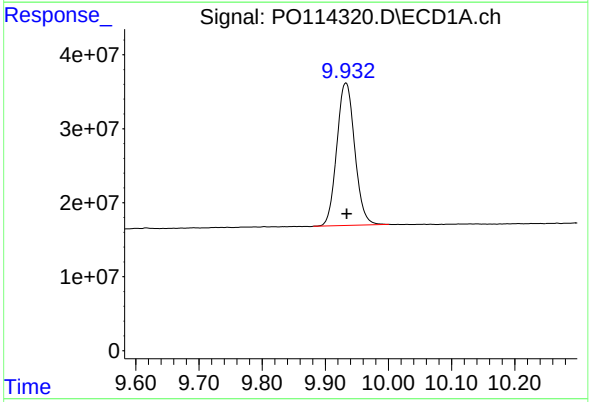
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 580434374
Conc: 98.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



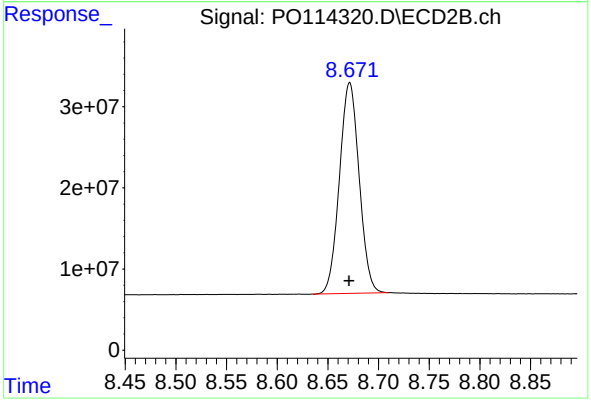
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 443207707
Conc: 101.19 ng/ml



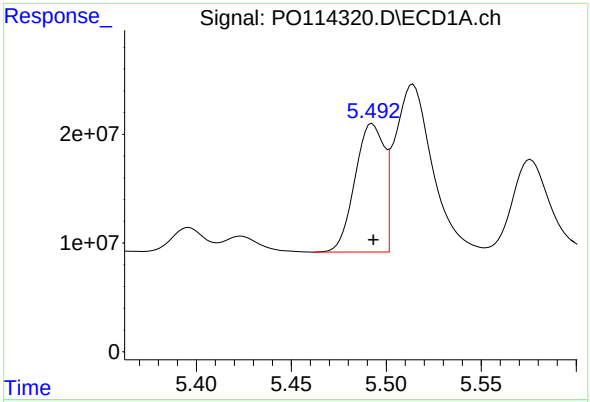
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: -0.001 min
Response: 380303696
Conc: 98.50 ng/ml



#2 Decachlorobiphenyl

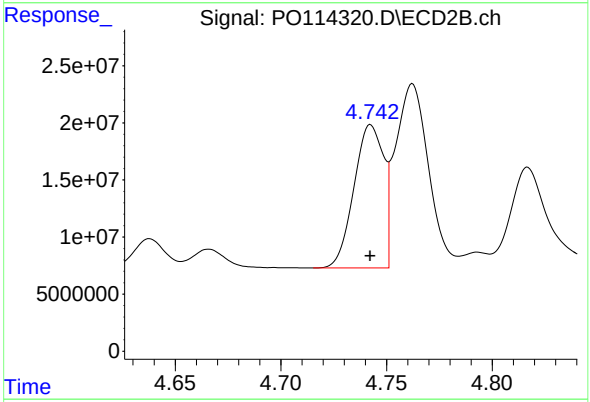
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 351710959
Conc: 93.60 ng/ml



#16 AR-1242-1

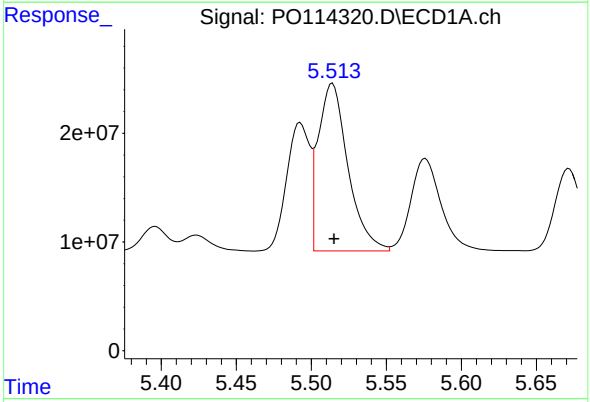
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 126706434
Conc: 938.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



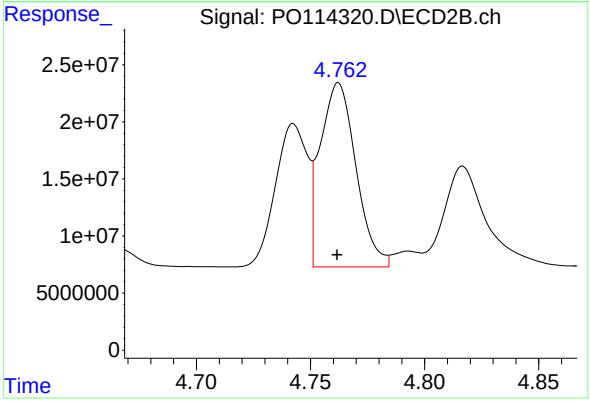
#16 AR-1242-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 122498620
Conc: 935.03 ng/ml



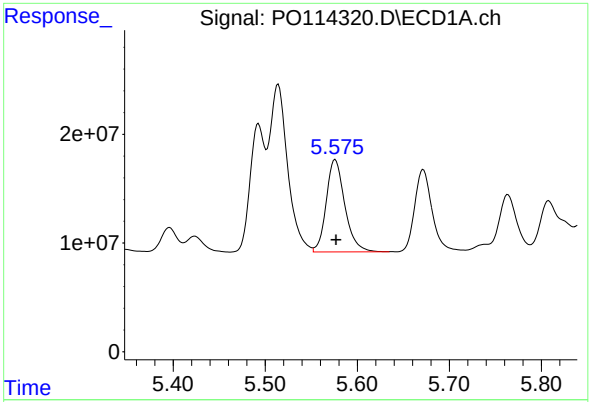
#17 AR-1242-2

R.T.: 5.514 min
Delta R.T.: -0.001 min
Response: 212392946
Conc: 955.21 ng/ml



#17 AR-1242-2

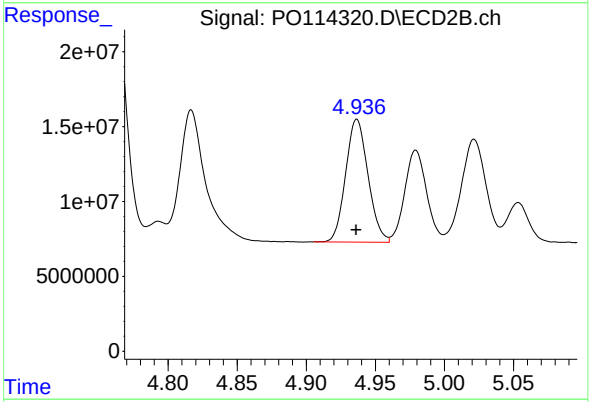
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 175860987
Conc: 941.68 ng/ml



#18 AR-1242-3

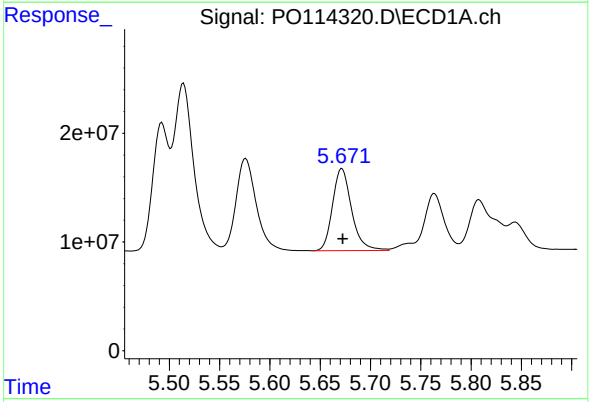
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 119144042
Conc: 947.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



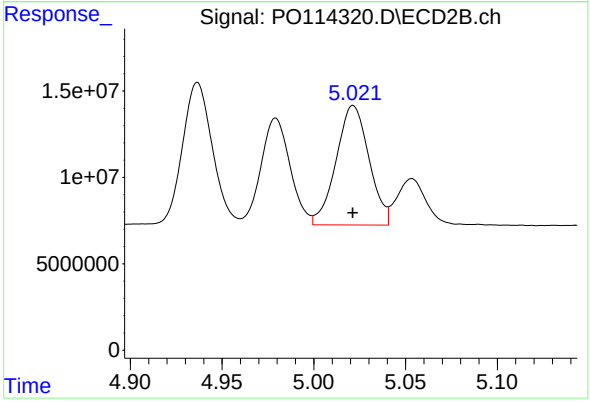
#18 AR-1242-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 92492282
Conc: 943.10 ng/ml



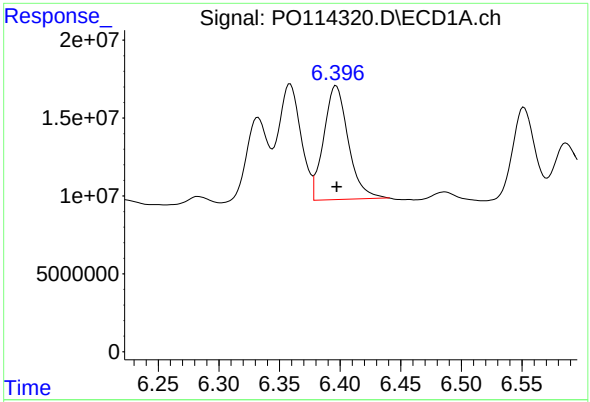
#19 AR-1242-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 99737299
Conc: 972.75 ng/ml



#19 AR-1242-4

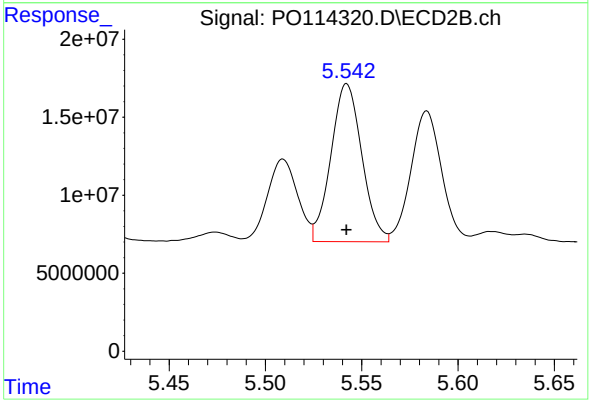
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 86300671
Conc: 935.00 ng/ml



#20 AR-1242-5

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 103047071
Conc: 921.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 113144641
Conc: 921.78 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:40
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: Oct 10 03:02:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.356	3.660	444.7E6	330.9E6	75.444	75.556
2)	SA Decachlor...	9.932	8.669	293.2E6	276.1E6	75.944	73.487
	Target Compounds						
16)	L4 AR-1242-1	5.492	4.742	99134451	96798286	734.219	738.861
17)	L4 AR-1242-2	5.513	4.761	164.9E6	137.4E6	741.436	735.962
18)	L4 AR-1242-3	5.576	4.936	93091498	72083589	740.483	735.002
19)	L4 AR-1242-4	5.671	5.021	76402643	67429306	745.165	730.546
20)	L4 AR-1242-5	6.396	5.541	79672910	89372310	712.759	728.108

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

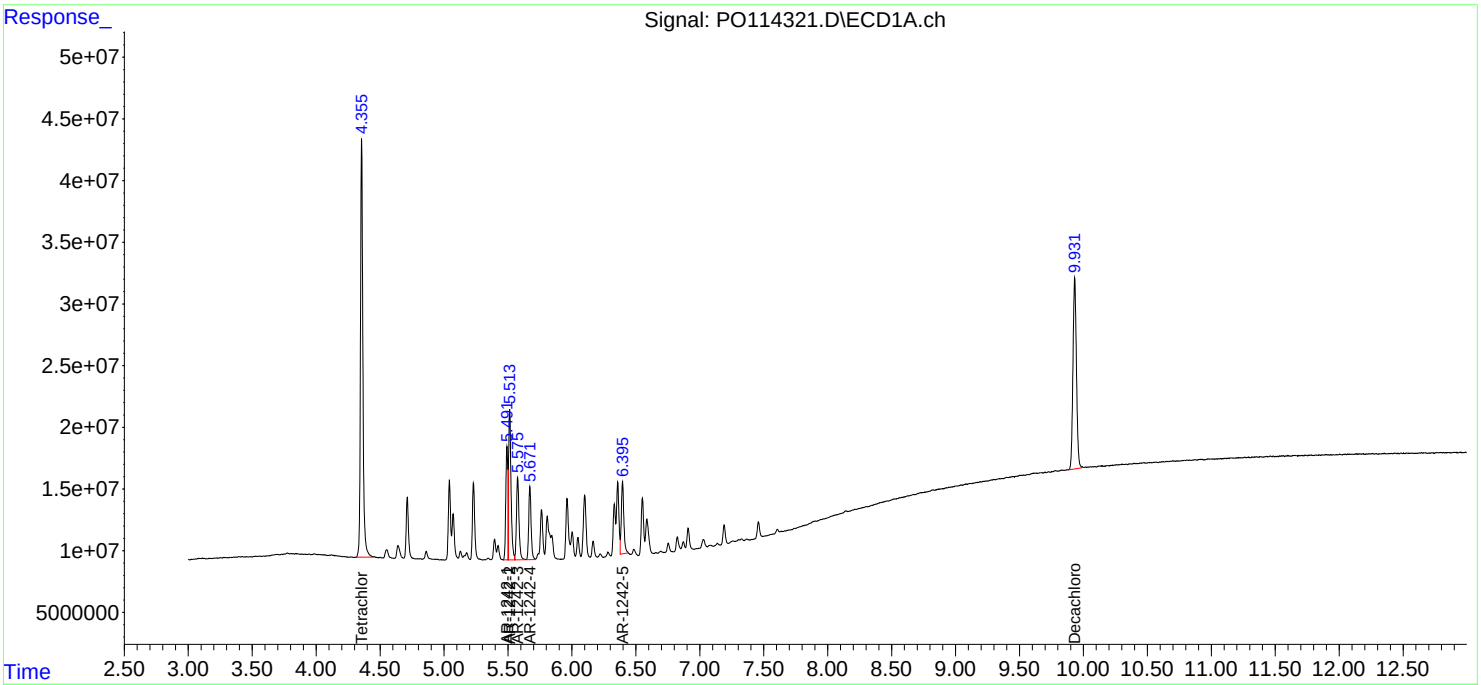
ICAL Form

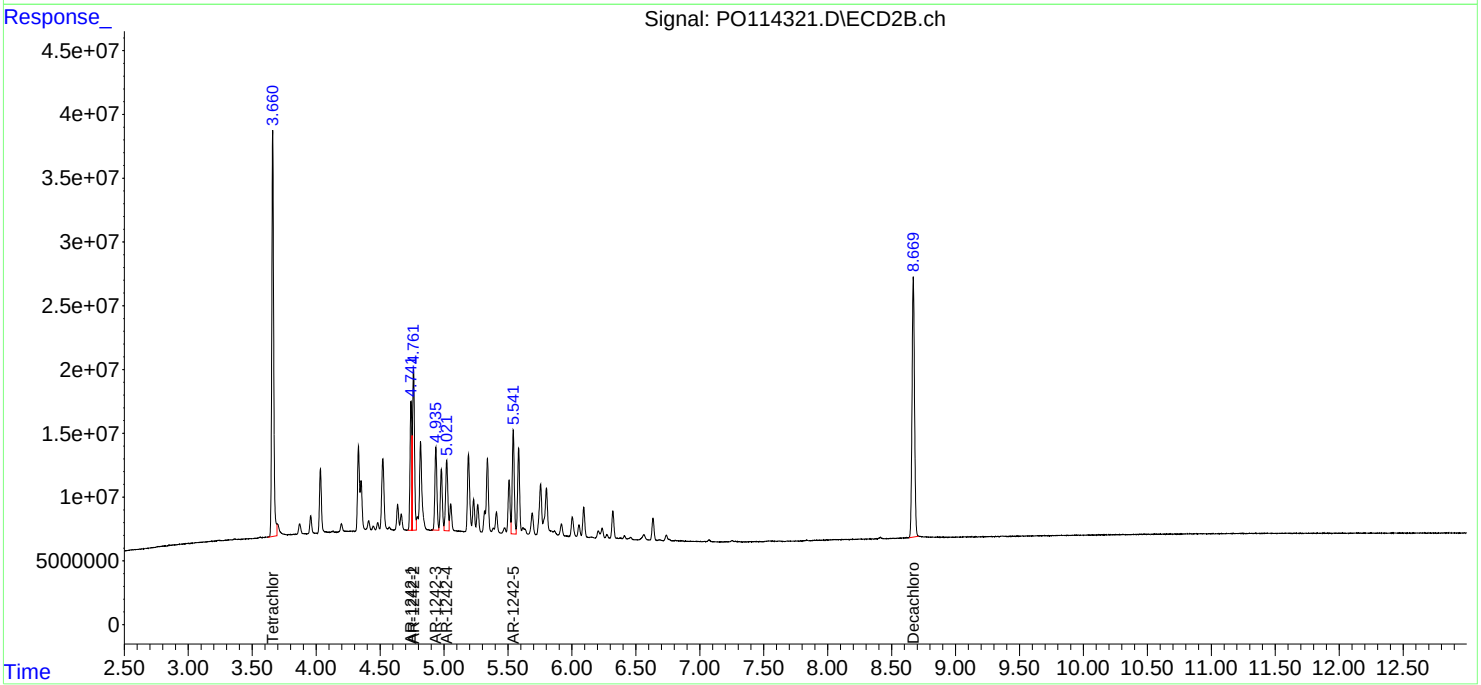
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:40
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

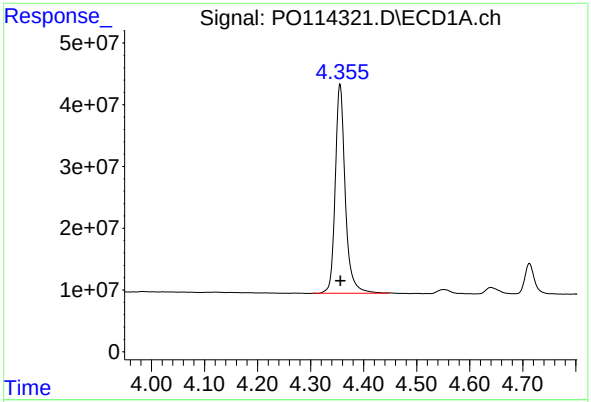
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:02:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



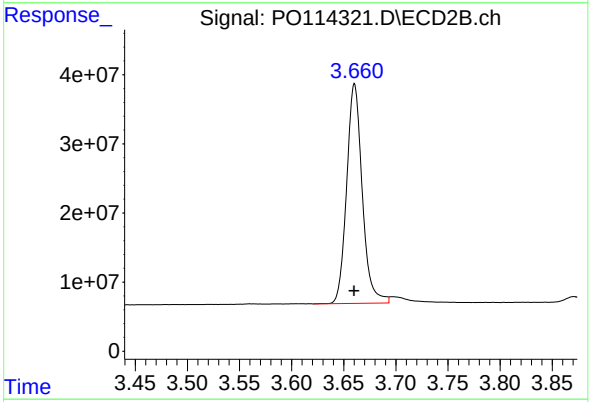




#1 Tetrachloro-m-xylene

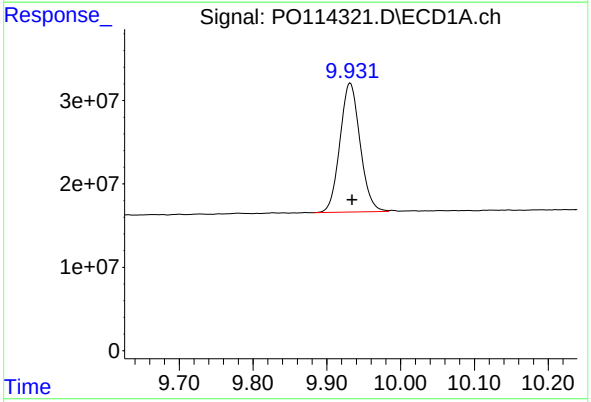
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 444666946
Conc: 75.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



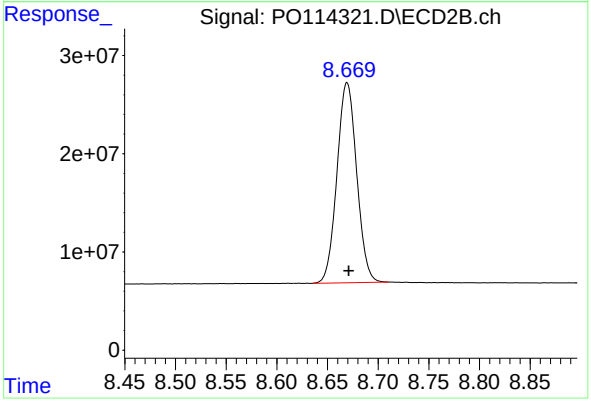
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 330916812
Conc: 75.56 ng/ml



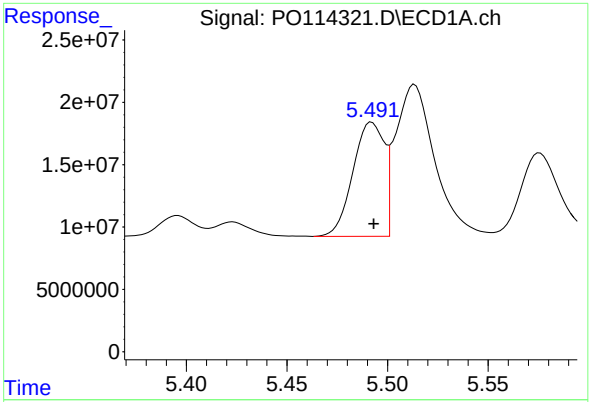
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: -0.002 min
Response: 293221430
Conc: 75.94 ng/ml



#2 Decachlorobiphenyl

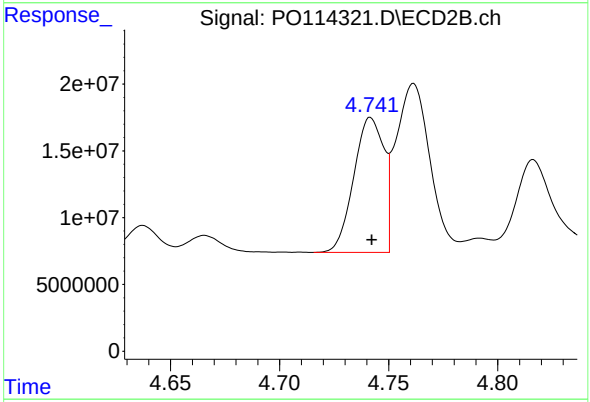
R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 276129261
Conc: 73.49 ng/ml



#16 AR-1242-1

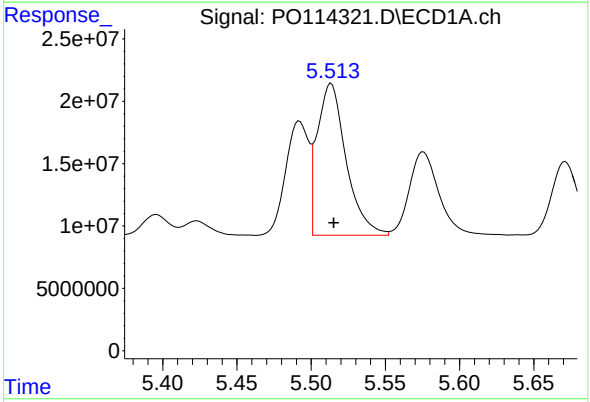
R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 99134451
Conc: 734.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



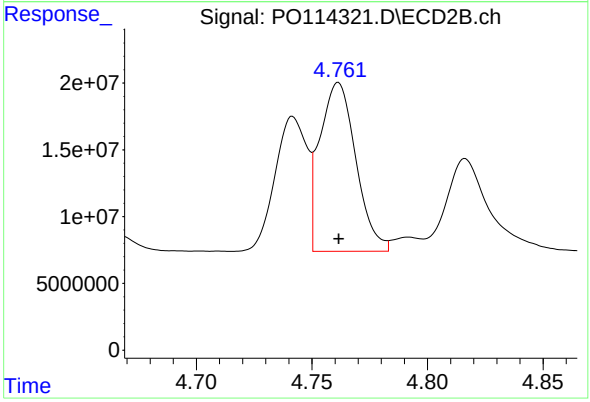
#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 96798286
Conc: 738.86 ng/ml



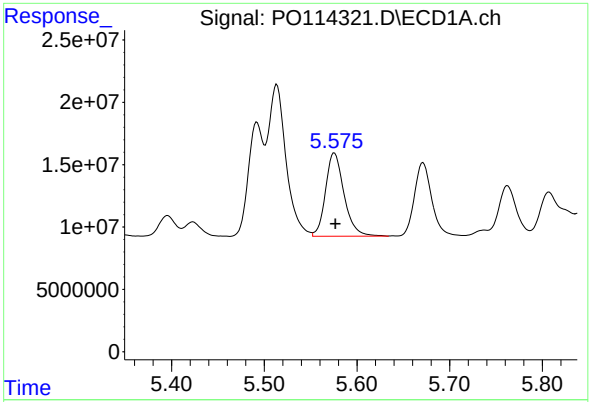
#17 AR-1242-2

R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 164859719
Conc: 741.44 ng/ml



#17 AR-1242-2

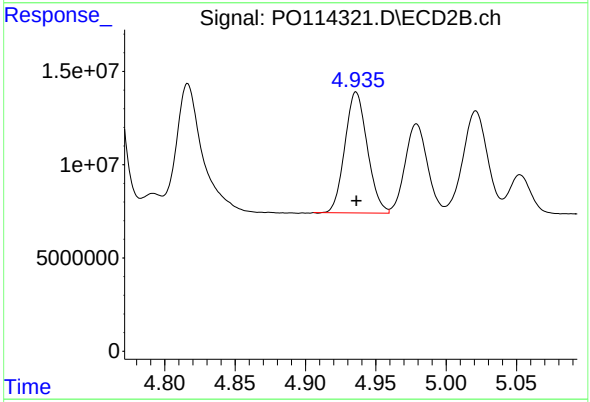
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 137443065
Conc: 735.96 ng/ml



#18 AR-1242-3

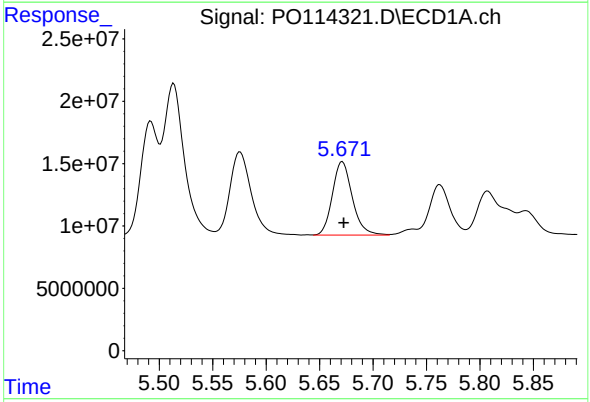
R.T.: 5.576 min
Delta R.T.: -0.001 min
Response: 93091498
Conc: 740.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



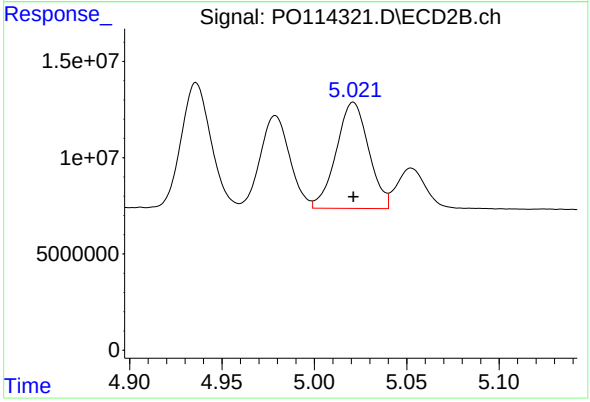
#18 AR-1242-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 72083589
Conc: 735.00 ng/ml



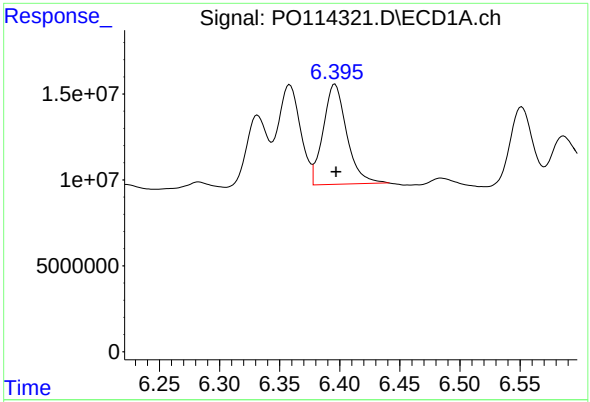
#19 AR-1242-4

R.T.: 5.671 min
Delta R.T.: -0.001 min
Response: 76402643
Conc: 745.17 ng/ml



#19 AR-1242-4

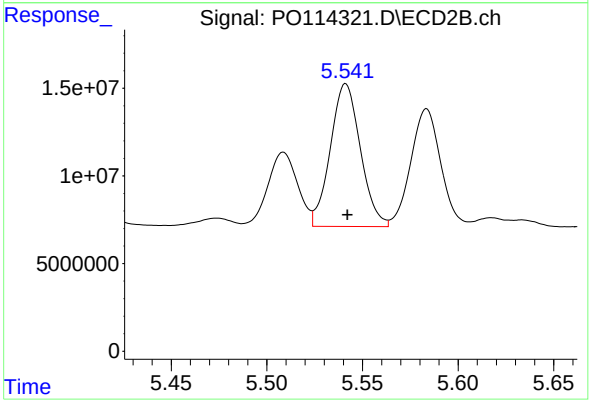
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 67429306
Conc: 730.55 ng/ml



#20 AR-1242-5

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 79672910
Conc: 712.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 89372310
Conc: 728.11 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:59
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: Oct 10 02:58:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.356	3.660	294.7E6	219.0E6	50.000	50.000
2)	SA Decachlor...	9.934	8.671	193.1E6	187.9E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.493	4.742	67510129	65505040	500.000	500.000
17)	L4 AR-1242-2	5.515	4.762	111.2E6	93376496	500.000	500.000
18)	L4 AR-1242-3	5.577	4.936	62858607	49036326	500.000	500.000
19)	L4 AR-1242-4	5.673	5.021	51265559	46149944	500.000	500.000
20)	L4 AR-1242-5	6.397	5.542	55890505	61372959	500.000	500.000

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

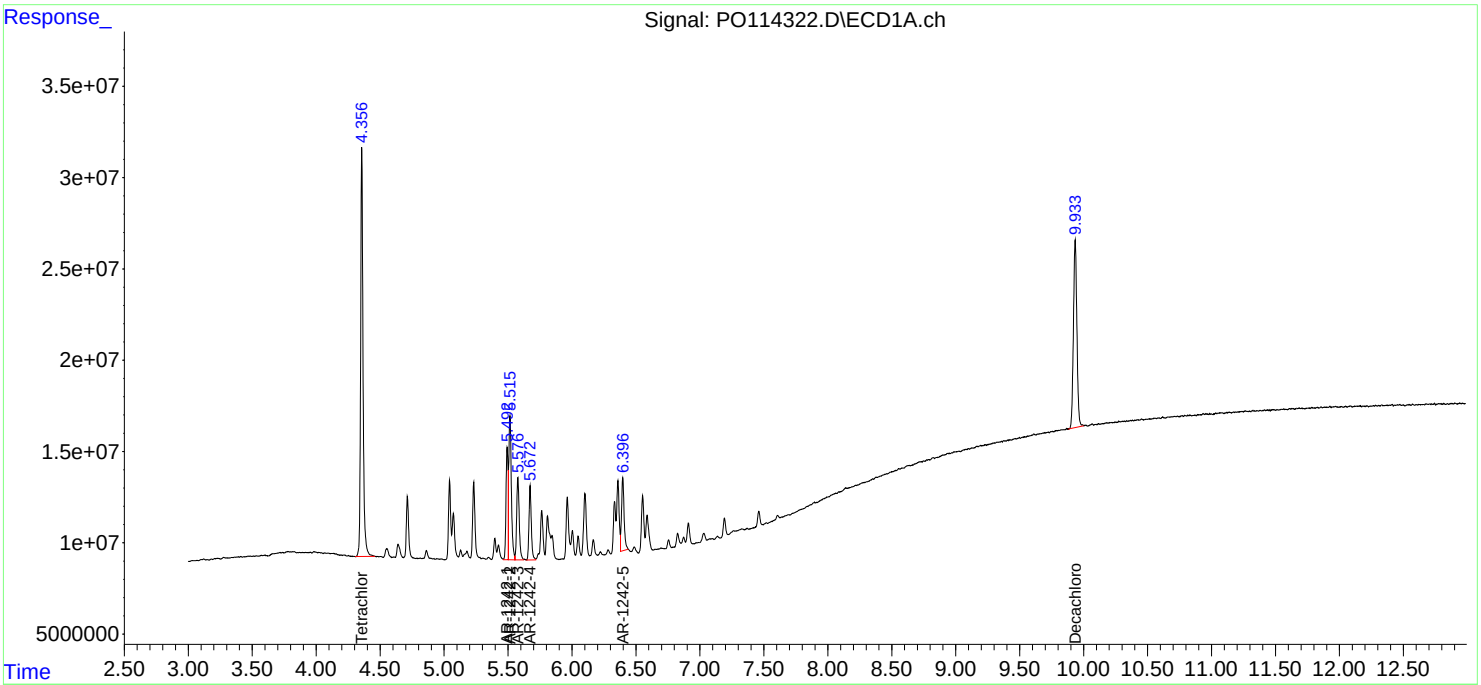
ICAL Form

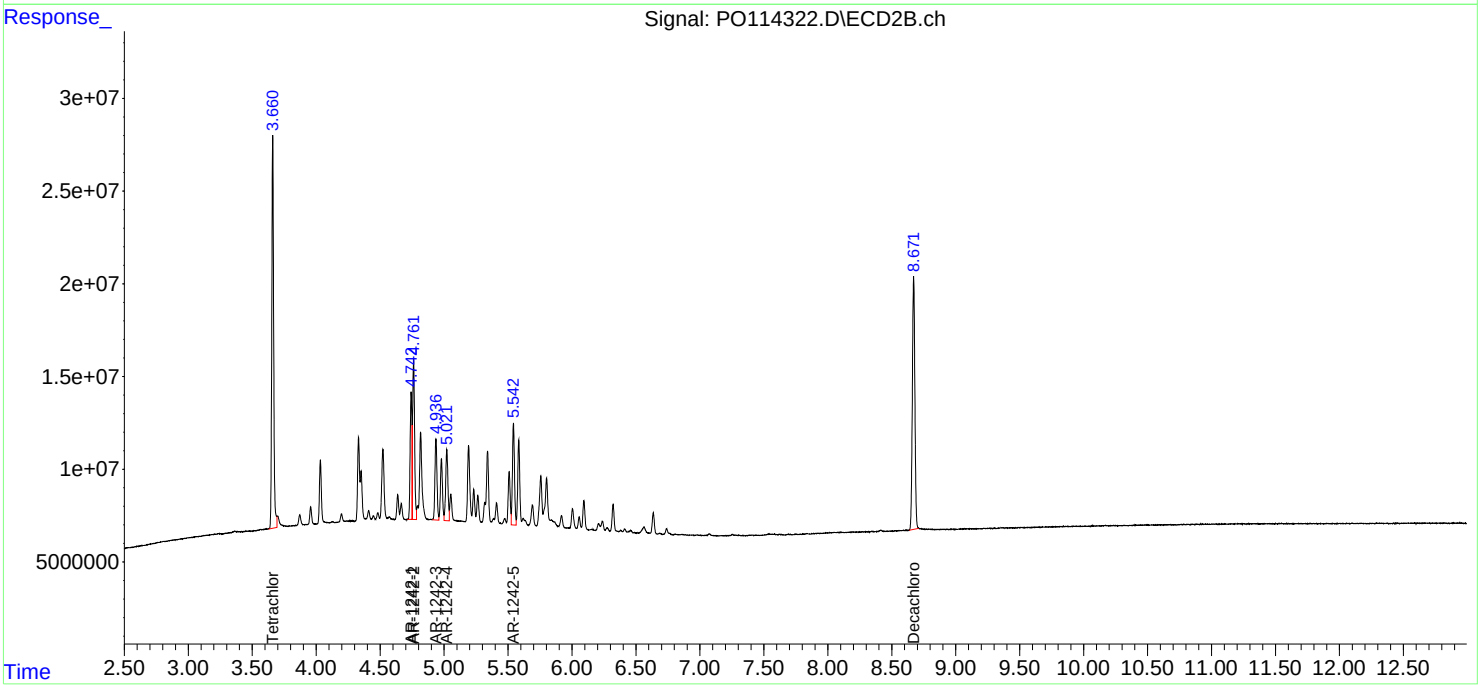
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:59
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

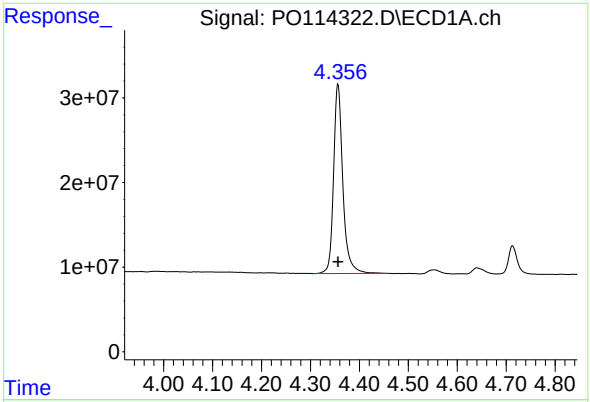
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 02:58:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



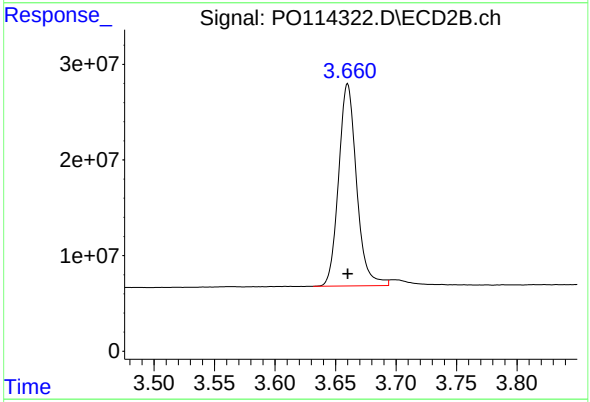




#1 Tetrachloro-m-xylene

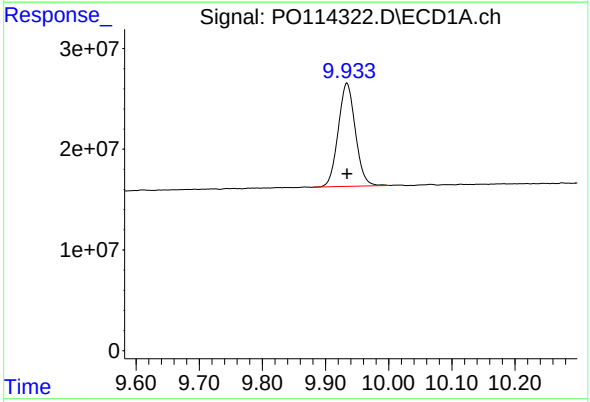
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 294699091
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



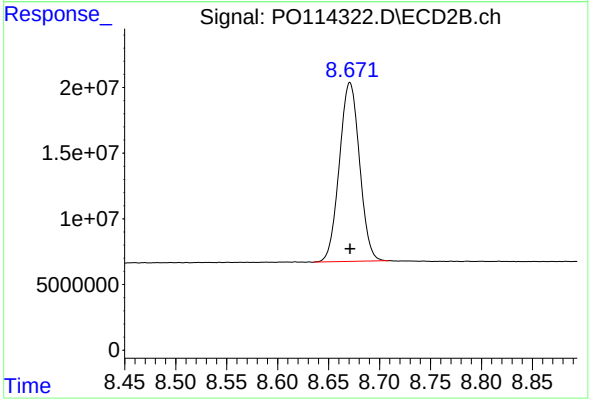
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 218988648
Conc: 50.00 ng/ml



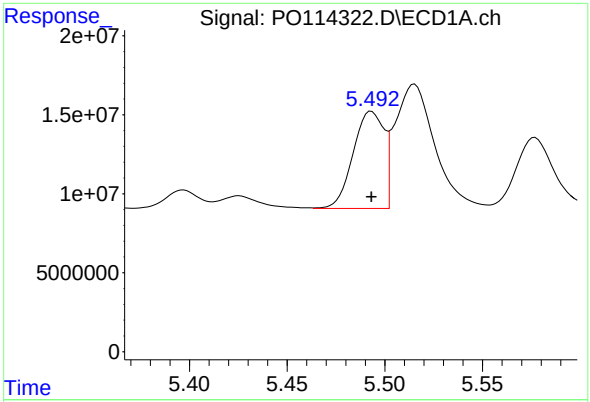
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 193050162
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

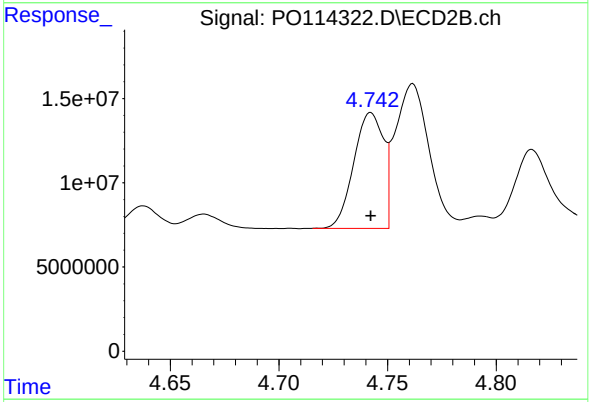
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 187877091
Conc: 50.00 ng/ml



#16 AR-1242-1

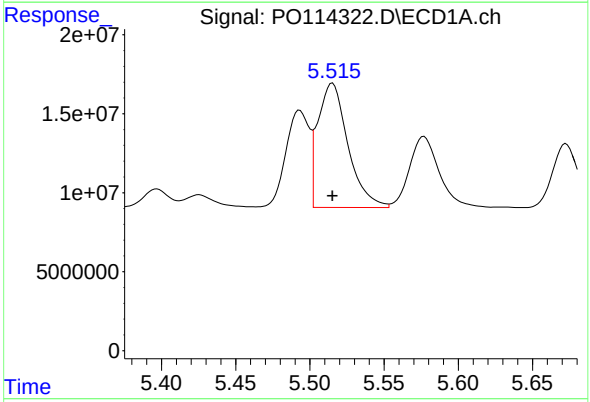
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 67510129
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



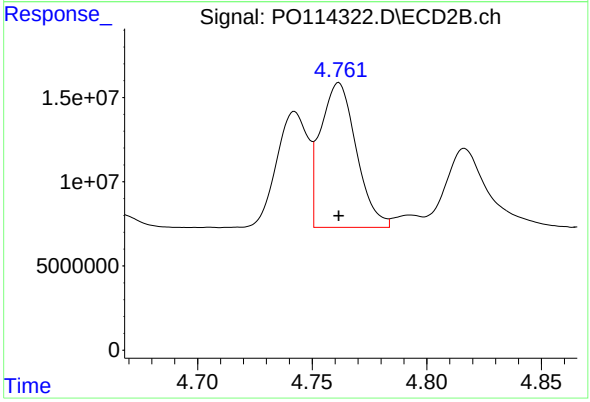
#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 65505040
Conc: 500.00 ng/ml



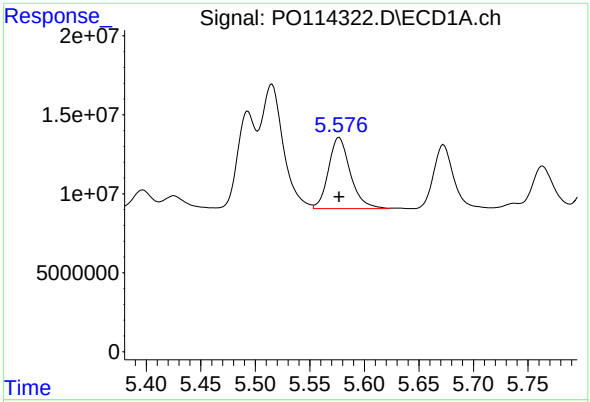
#17 AR-1242-2

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 111175900
Conc: 500.00 ng/ml



#17 AR-1242-2

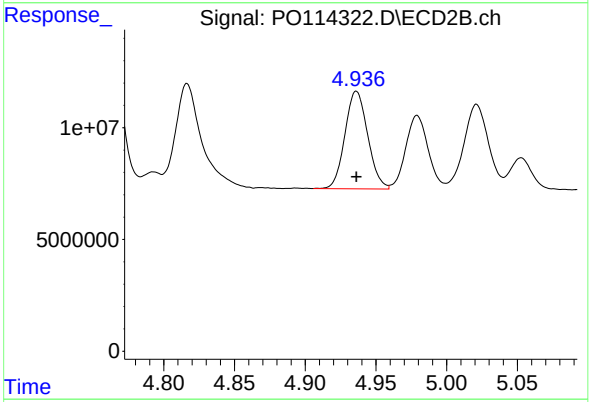
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 93376496
Conc: 500.00 ng/ml



#18 AR-1242-3

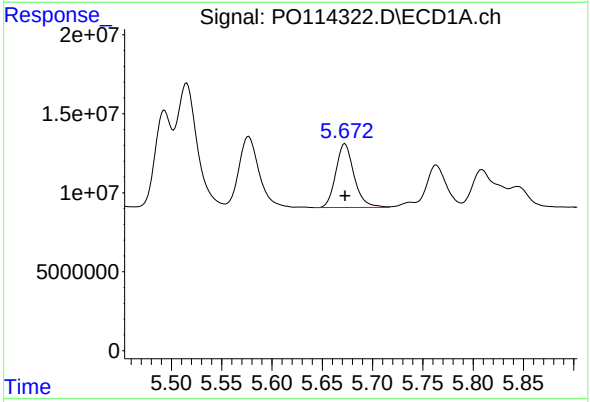
R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 62858607
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



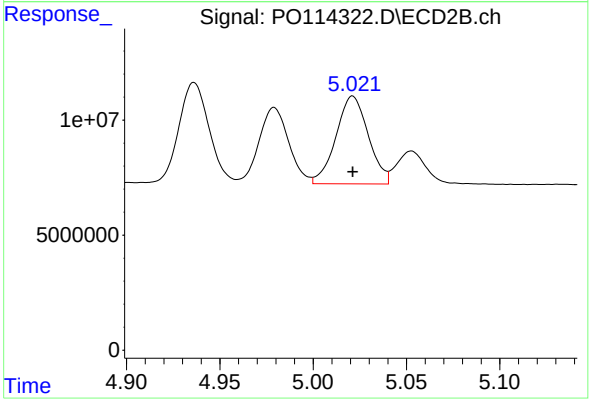
#18 AR-1242-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 49036326
Conc: 500.00 ng/ml



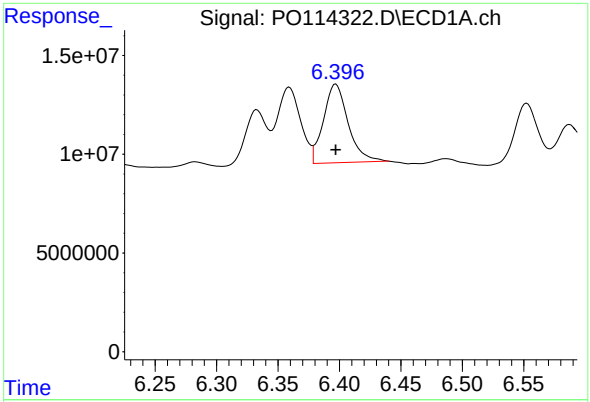
#19 AR-1242-4

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 51265559
Conc: 500.00 ng/ml



#19 AR-1242-4

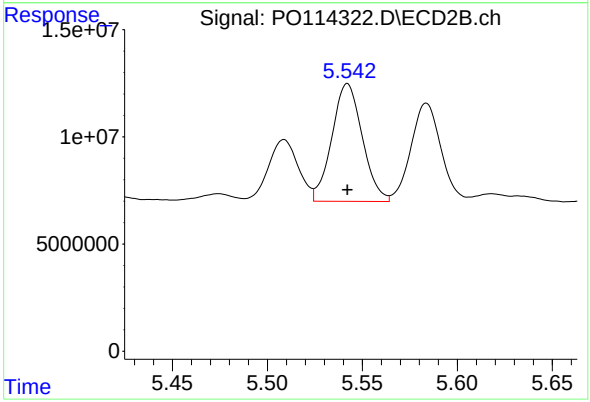
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 46149944
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 55890505
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 61372959
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:17
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: Oct 10 03:02:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.659	147.9E6	111.8E6	25.093	25.526
2)	SA Decachlor...	9.933	8.670	95848992	95892045	24.825	25.520
	Target Compounds						
16)	L4 AR-1242-1	5.492	4.742	33811575	34309165	250.419	261.882
17)	L4 AR-1242-2	5.513	4.761	56611093	47914263	254.601	256.565
18)	L4 AR-1242-3	5.576	4.936	32886335	24900249	261.590	253.896
19)	L4 AR-1242-4	5.671	5.021	26374184	23713234	257.231	256.915
20)	L4 AR-1242-5	6.396	5.541	30880476	31996350	276.259	260.671

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

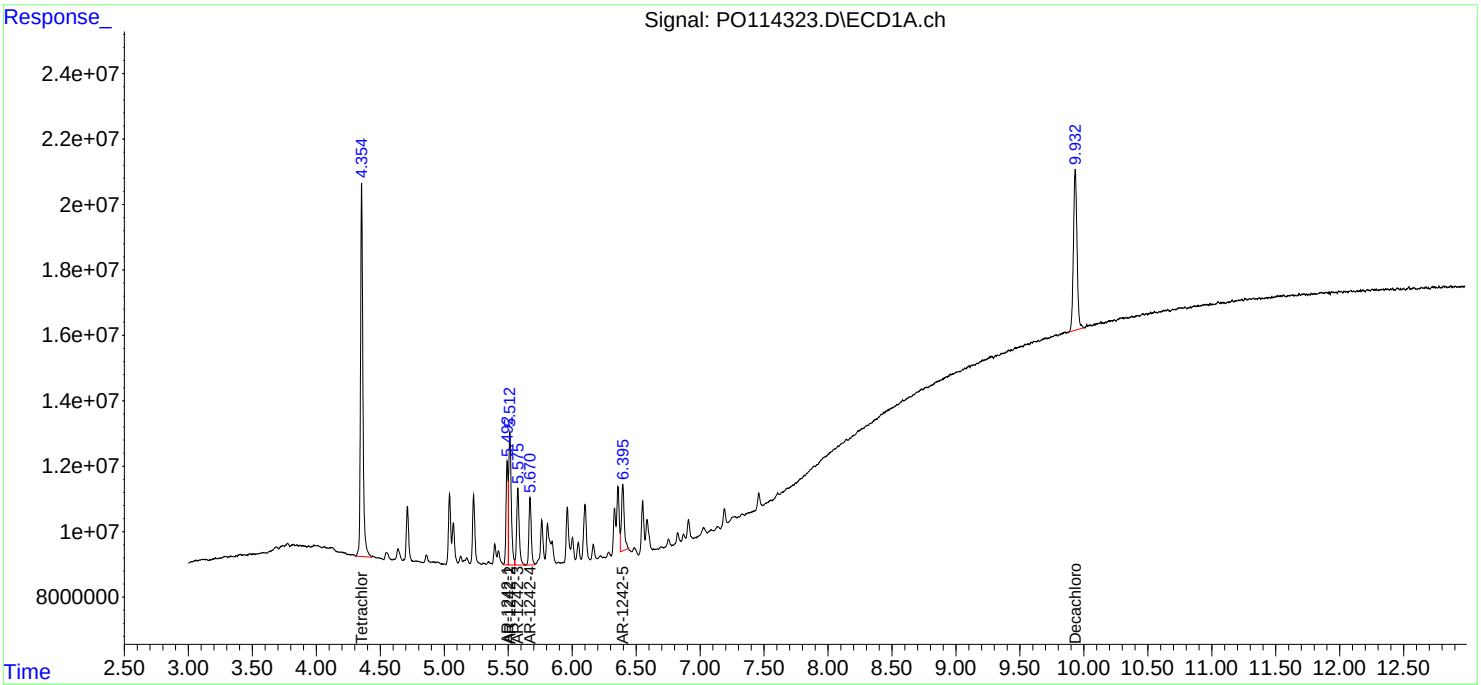
ICAL Form

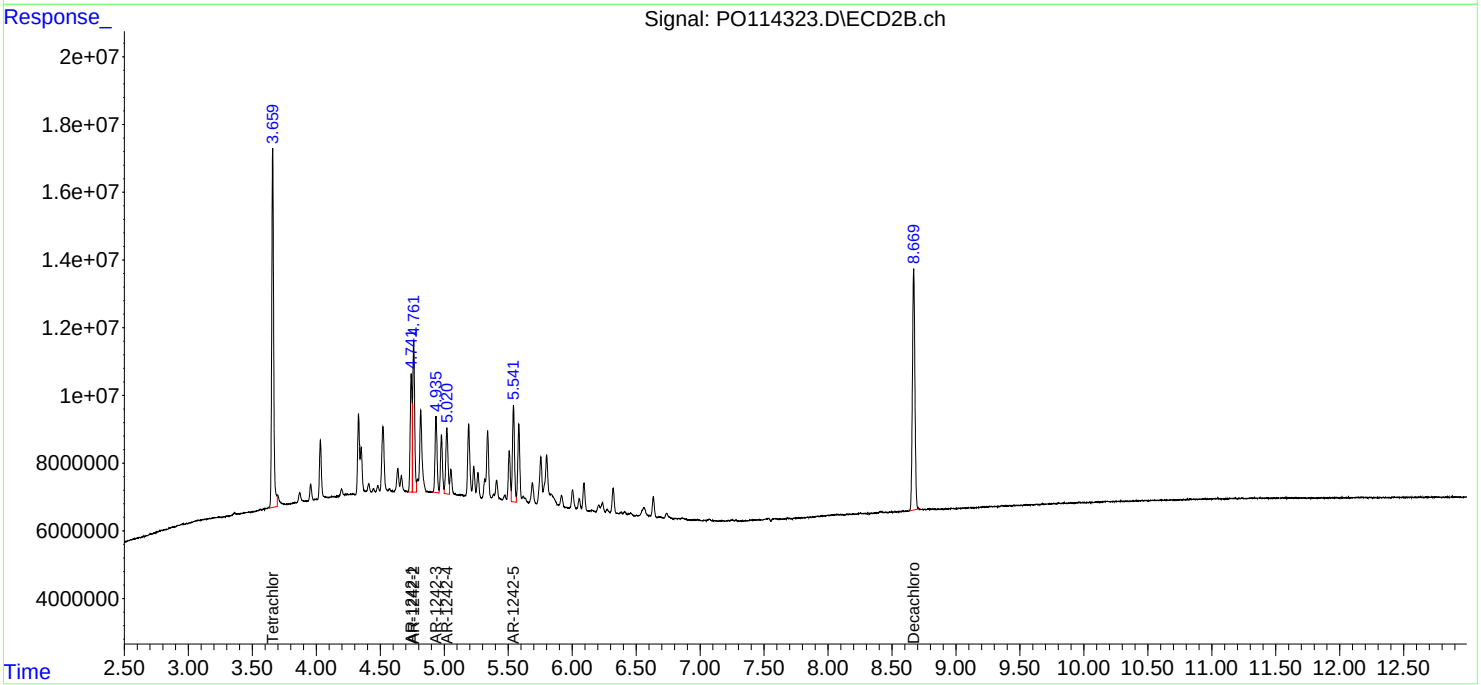
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:17
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

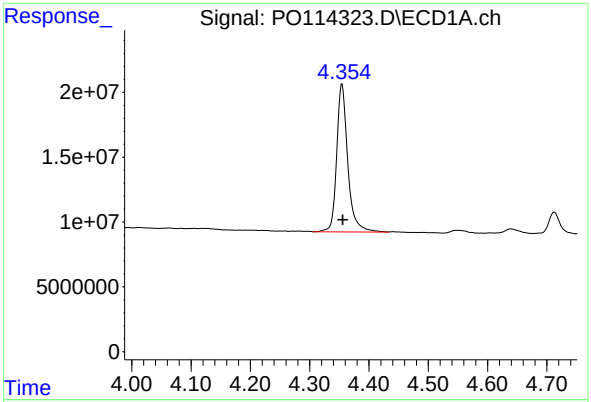
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:02:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



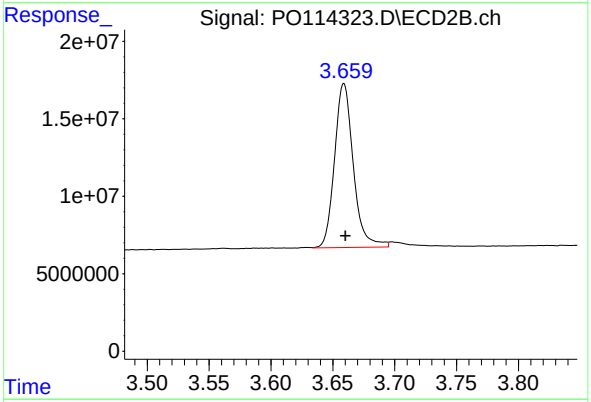




#1 Tetrachloro-m-xylene

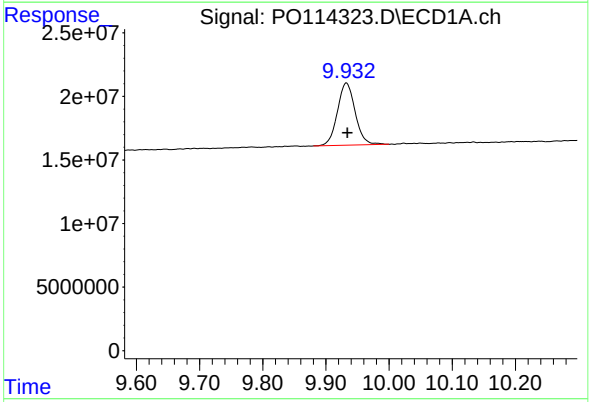
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 147899851
Conc: 25.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



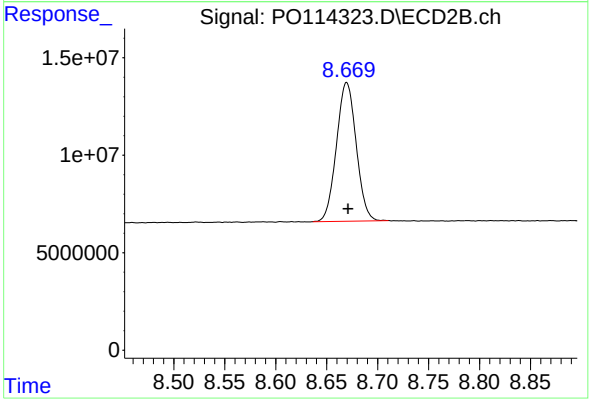
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 111796641
Conc: 25.53 ng/ml



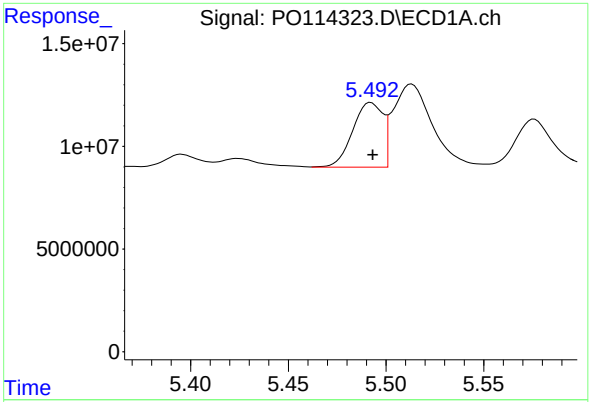
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: -0.002 min
Response: 95848992
Conc: 24.82 ng/ml



#2 Decachlorobiphenyl

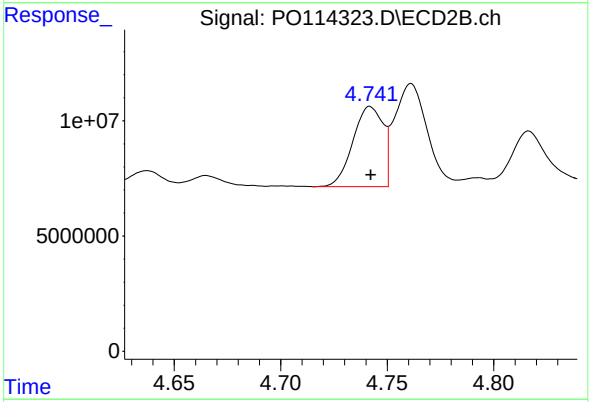
R.T.: 8.670 min
Delta R.T.: -0.001 min
Response: 95892045
Conc: 25.52 ng/ml



#16 AR-1242-1

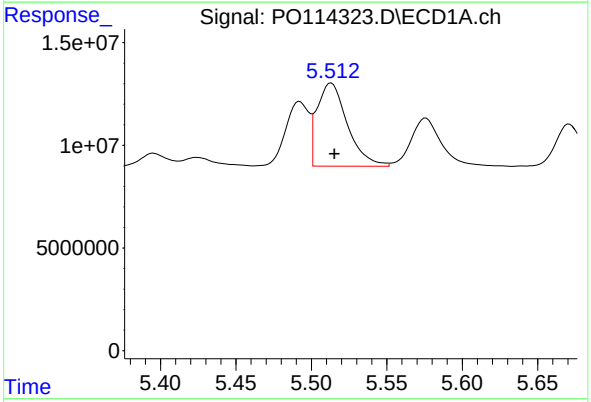
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 33811575
Conc: 250.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



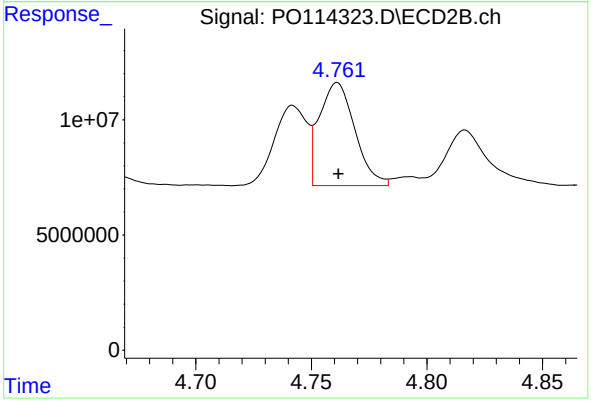
#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 34309165
Conc: 261.88 ng/ml



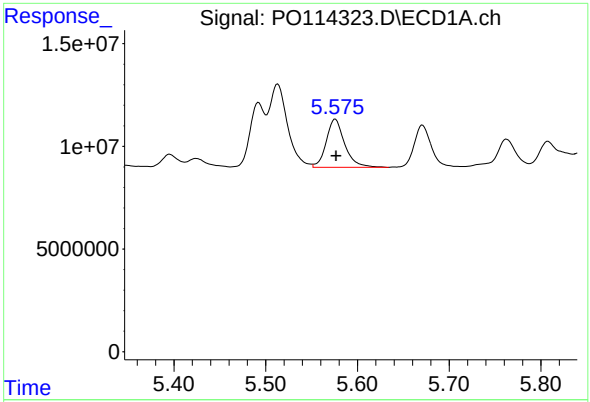
#17 AR-1242-2

R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 56611093
Conc: 254.60 ng/ml



#17 AR-1242-2

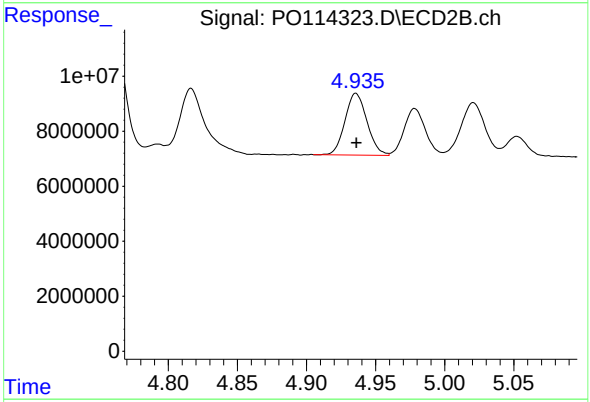
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 47914263
Conc: 256.56 ng/ml



#18 AR-1242-3

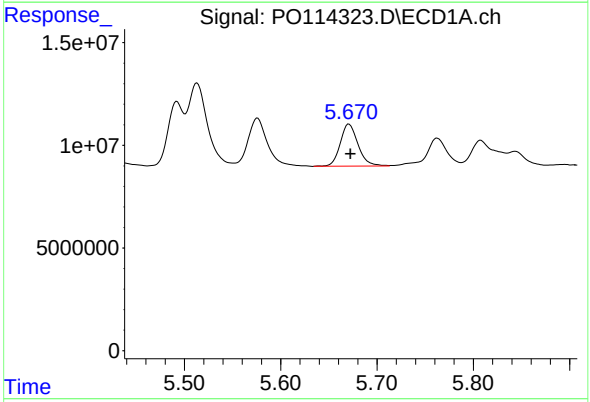
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 32886335
Conc: 261.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



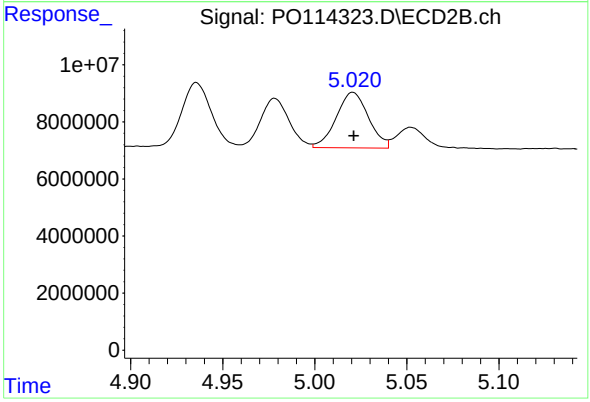
#18 AR-1242-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 24900249
Conc: 253.90 ng/ml



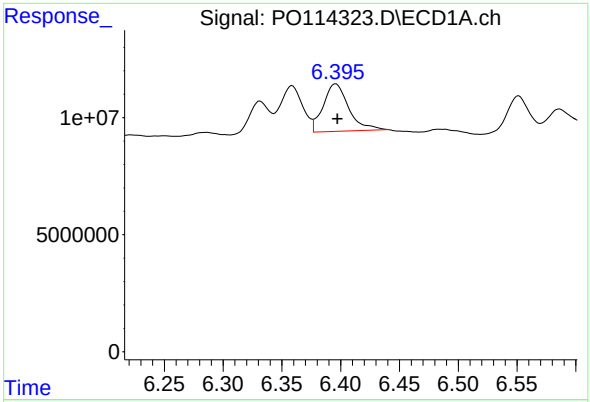
#19 AR-1242-4

R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 26374184
Conc: 257.23 ng/ml



#19 AR-1242-4

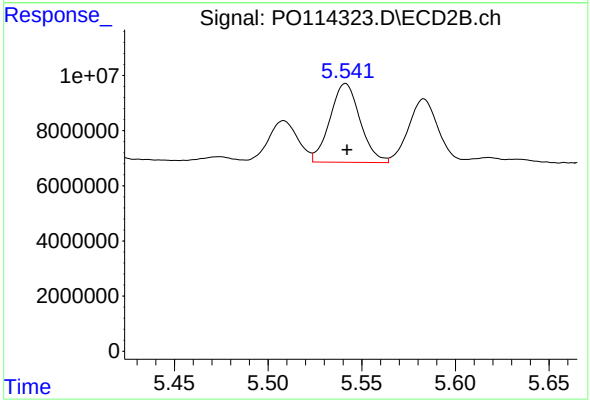
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 23713234
Conc: 256.92 ng/ml



#20 AR-1242-5

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 30880476
Conc: 276.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 31996350
Conc: 260.67 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:35
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:02:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.660	27271585	21243716	4.627	4.850
2)	SA Decachlor...	9.932	8.669	17624605	18885026	4.565	5.026
	Target Compounds						
16)	L4 AR-1242-1	5.493	4.742	6433317	6662721	47.647	50.857
17)	L4 AR-1242-2	5.513	4.761	10837885	9820361	48.742	52.585
18)	L4 AR-1242-3	5.576	4.936	5805995	4612208	46.183	47.028
19)	L4 AR-1242-4	5.671	5.020	5166859	4917953	50.393	53.282
20)	L4 AR-1242-5	6.396	5.542	6729455	6488205	60.202m	52.859

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:35
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

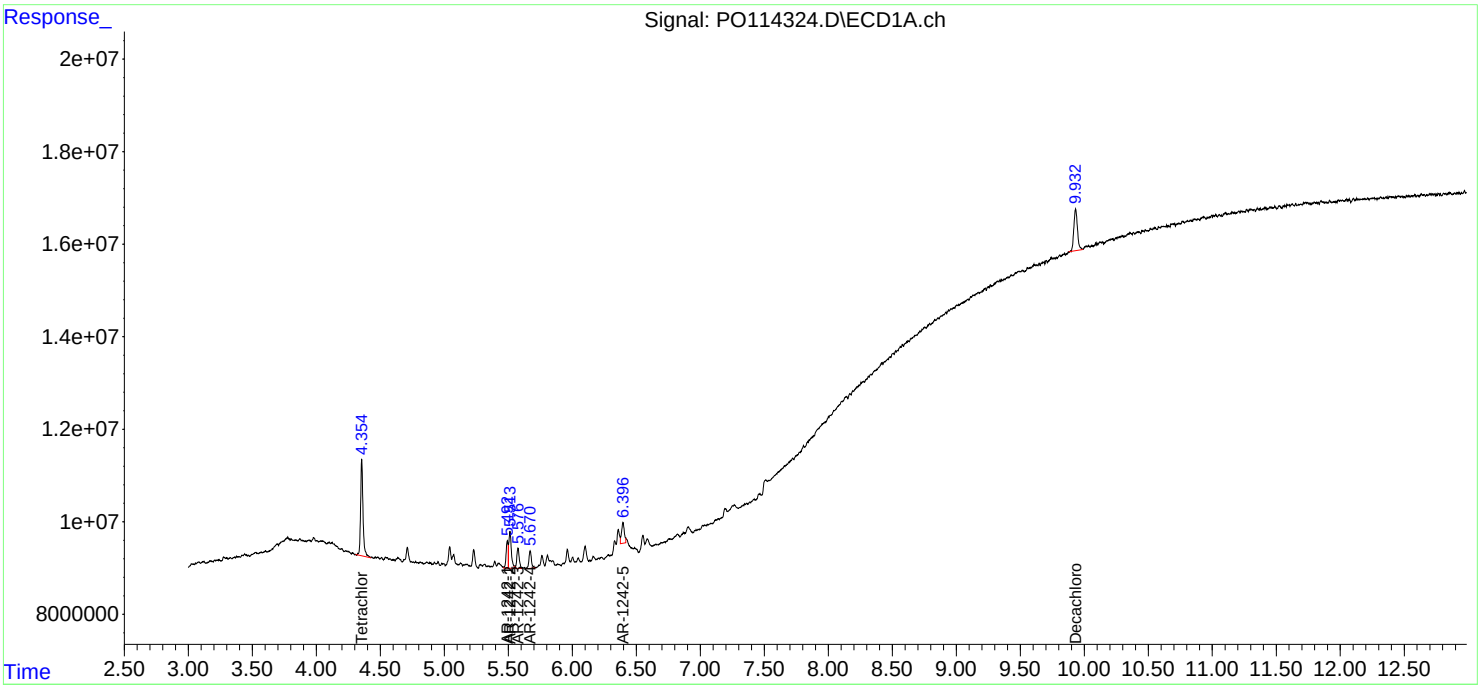
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

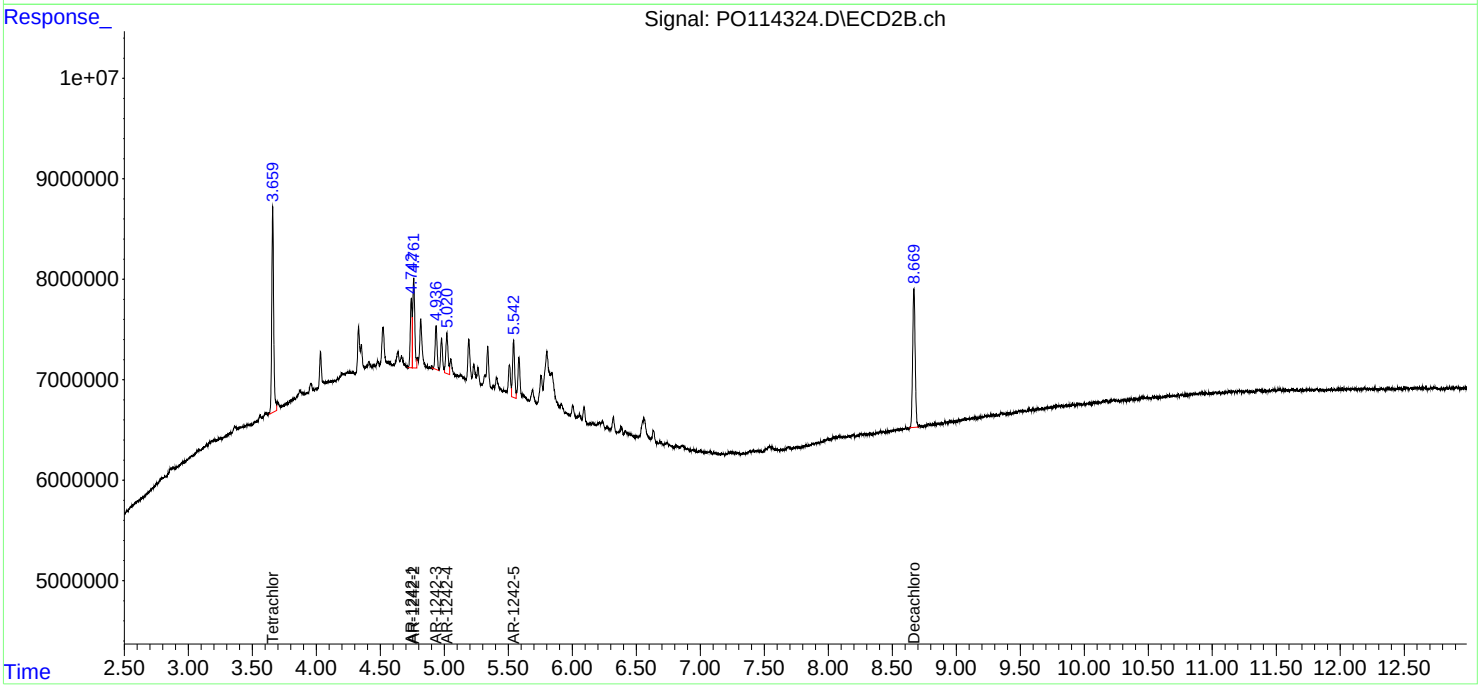
Manual Integrations APPROVED

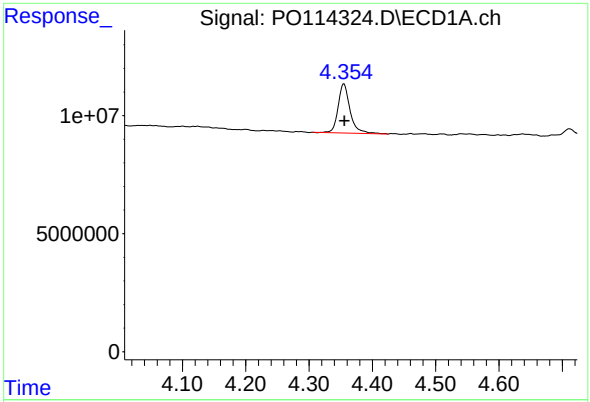
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:02:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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







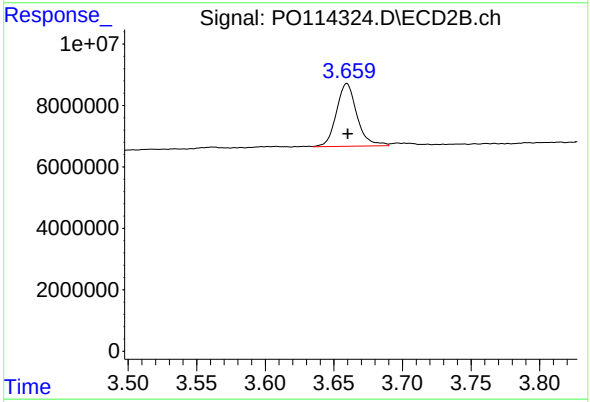
#1 Tetrachloro-m-xylene

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 27271585
Conc: 4.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

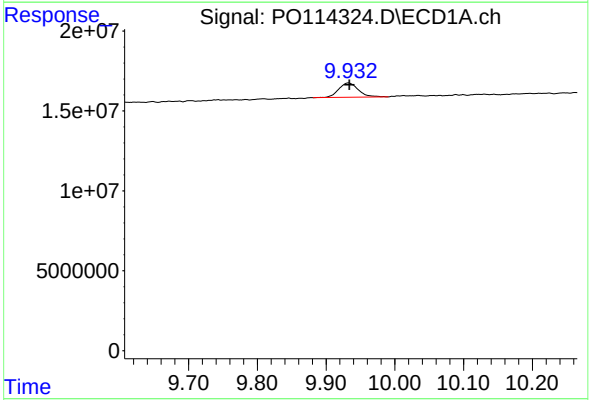
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



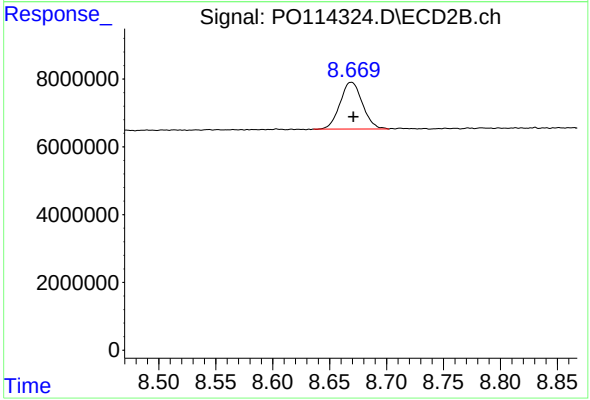
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 21243716
Conc: 4.85 ng/ml



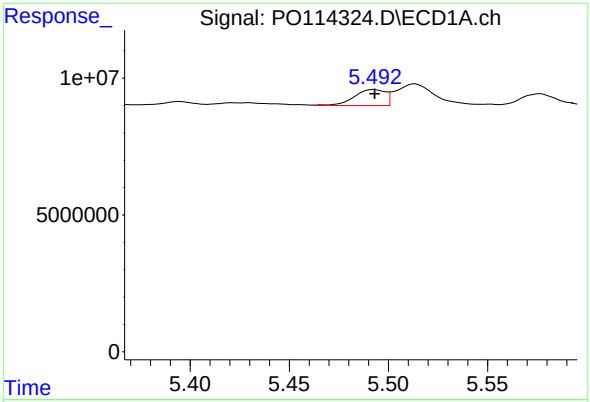
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: -0.002 min
Response: 17624605
Conc: 4.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 18885026
Conc: 5.03 ng/ml



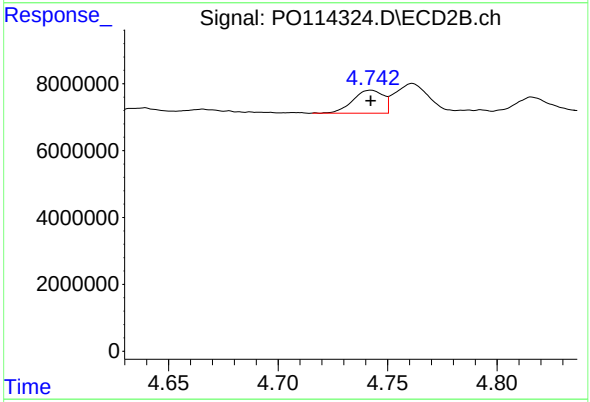
#16 AR-1242-1

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 6433317
Conc: 47.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

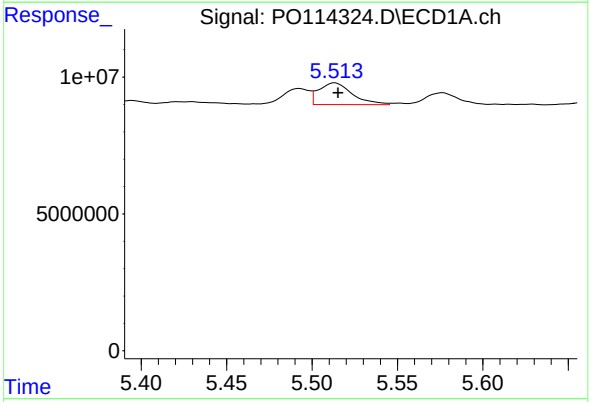
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



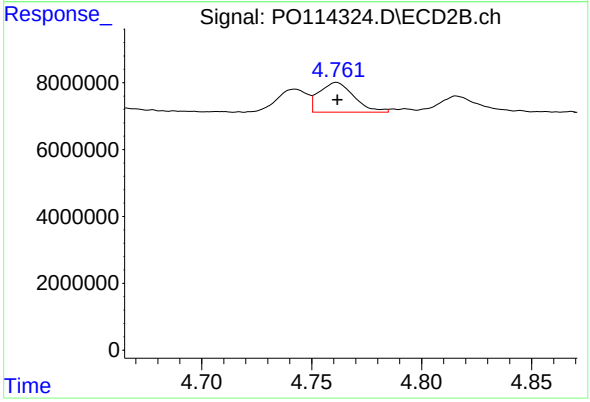
#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 6662721
Conc: 50.86 ng/ml



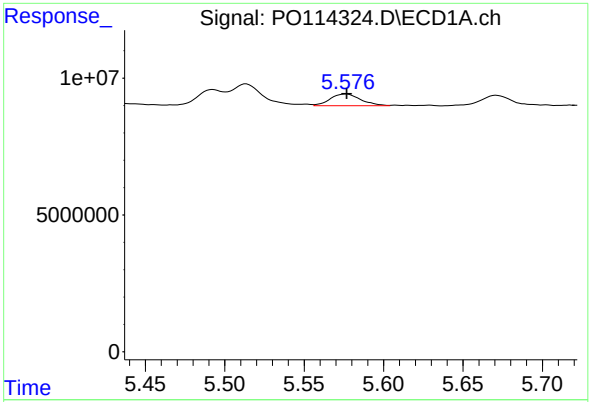
#17 AR-1242-2

R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 10837885
Conc: 48.74 ng/ml



#17 AR-1242-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 9820361
Conc: 52.58 ng/ml



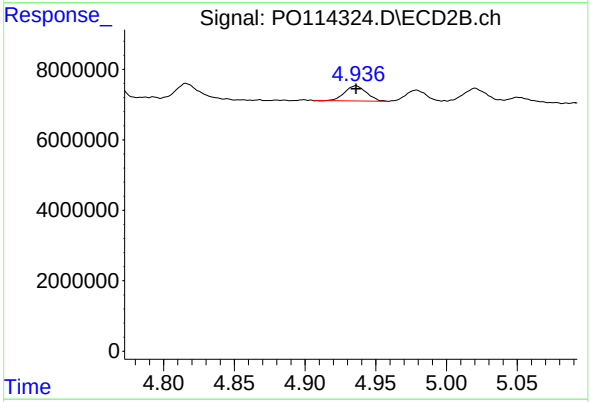
#18 AR-1242-3

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 5805995
Conc: 46.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

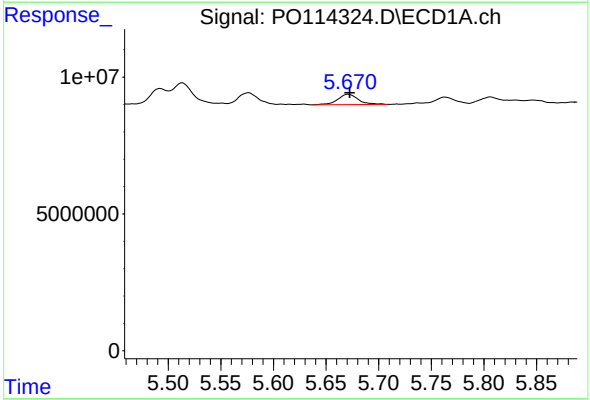
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



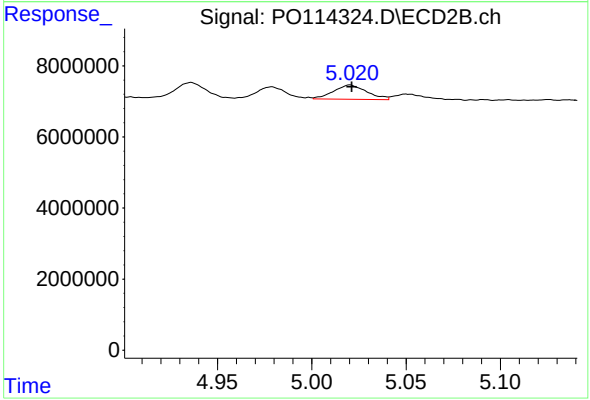
#18 AR-1242-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 4612208
Conc: 47.03 ng/ml



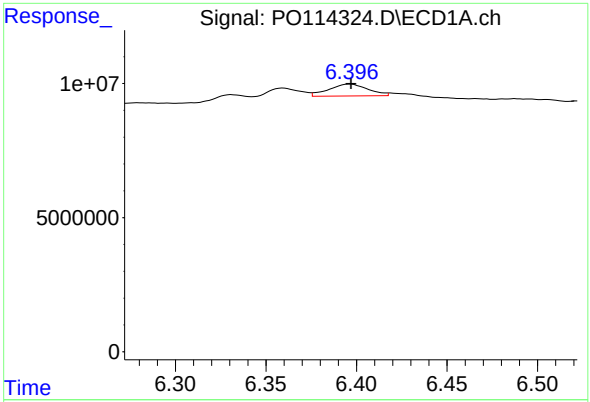
#19 AR-1242-4

R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 5166859
Conc: 50.39 ng/ml



#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 4917953
Conc: 53.28 ng/ml



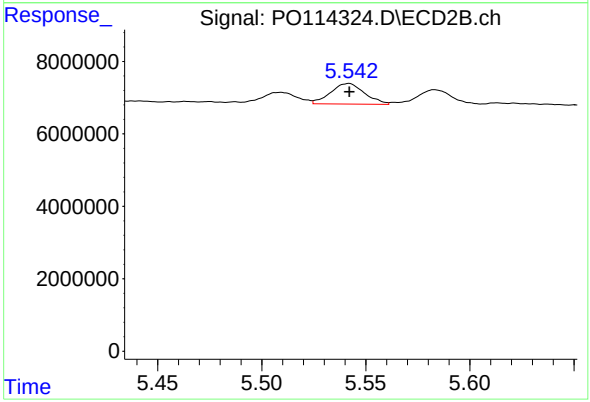
#20 AR-1242-5

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 6729455
Conc: 60.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



#20 AR-1242-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 6488205
Conc: 52.86 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:54
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: Oct 10 03:20:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.356	3.660	577.9E6	443.1E6	94.475	94.719
2)	SA Decachlor...	9.931	8.669	381.6E6	366.1E6	96.432	92.646
	Target Compounds						
21)	L5 AR-1248-1	5.493	4.742	98567829	94570009	928.313	912.888
22)	L5 AR-1248-2	5.763	4.979	137.9E6	125.5E6	941.077	911.660
23)	L5 AR-1248-3	5.963	5.021	151.7E6	130.7E6	928.168	912.314
24)	L5 AR-1248-4	6.358	5.191	182.2E6	154.7E6	929.888	915.281
25)	L5 AR-1248-5	6.396	5.583	174.5E6	159.8E6	914.994	921.033

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

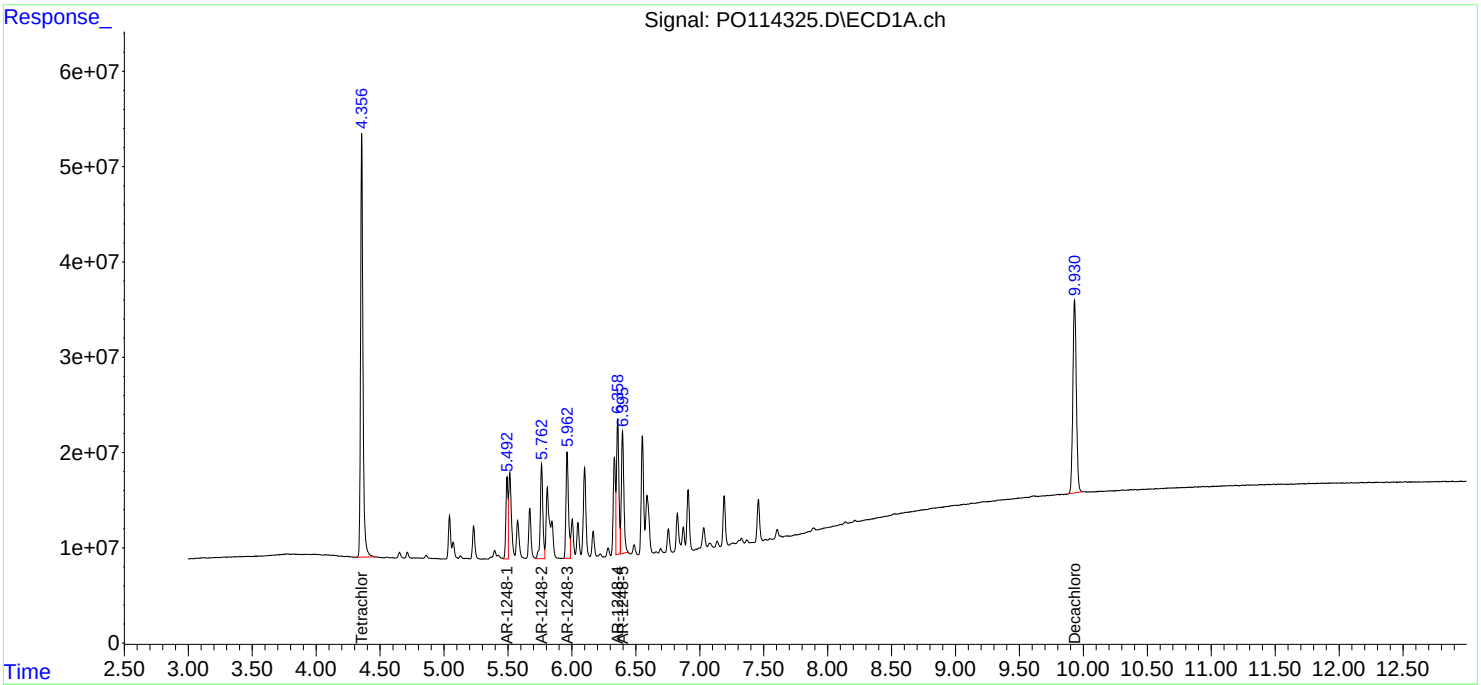
ICAL Form

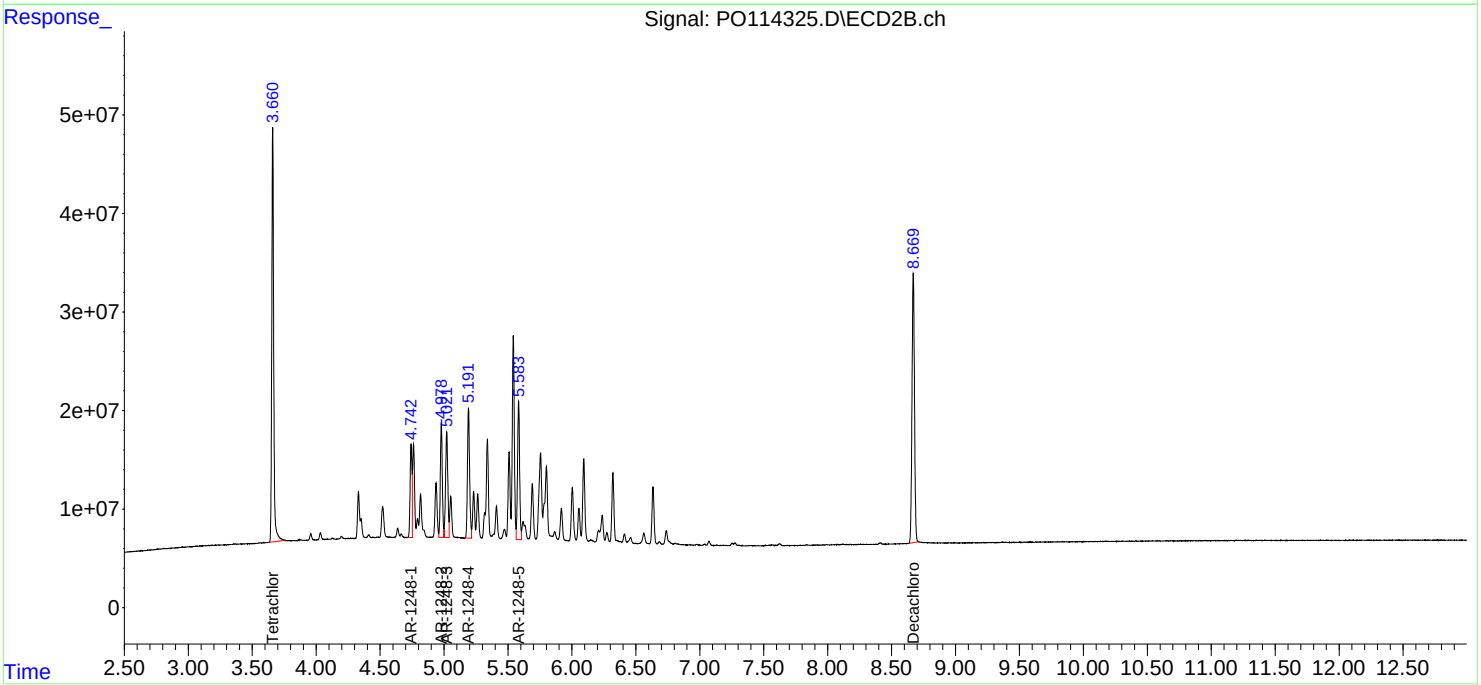
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:54
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

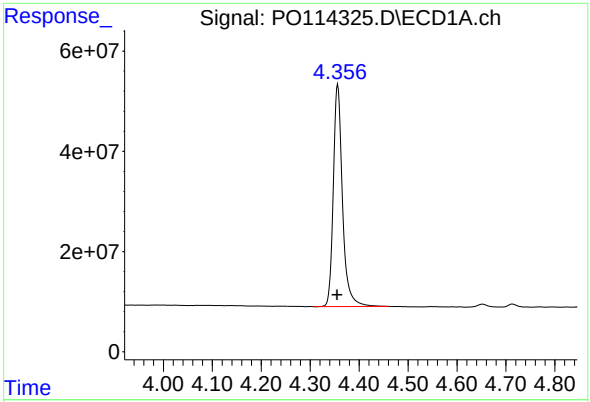
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:20:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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



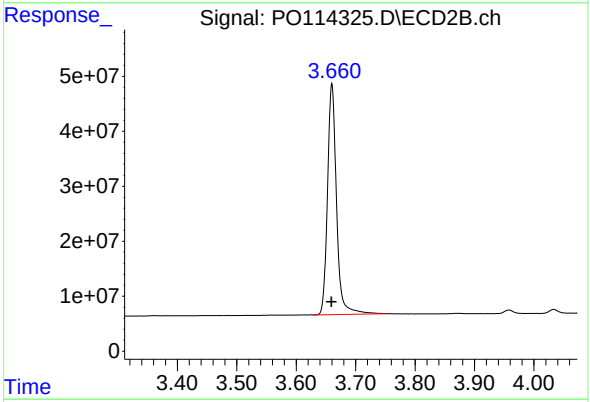




#1 Tetrachloro-m-xylene

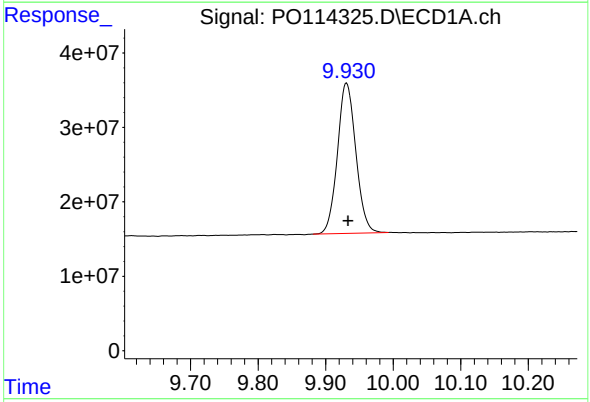
R.T.: 4.356 min
Delta R.T.: 0.001 min
Response: 577937927
Conc: 94.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



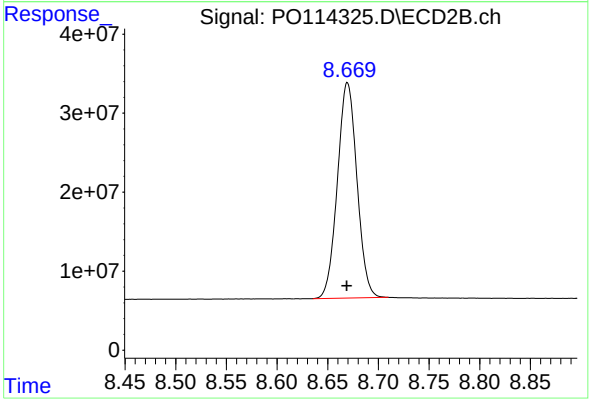
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 443050846
Conc: 94.72 ng/ml



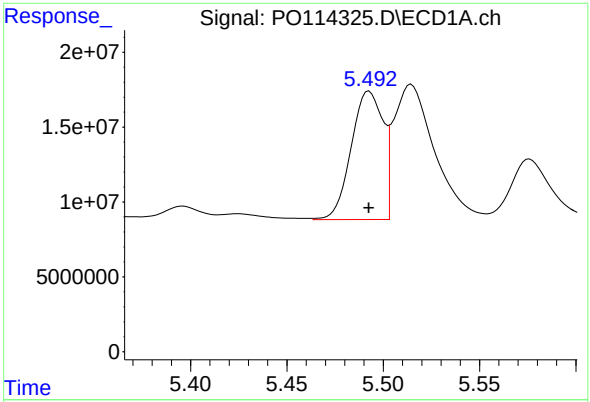
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.002 min
Response: 381629173
Conc: 96.43 ng/ml



#2 Decachlorobiphenyl

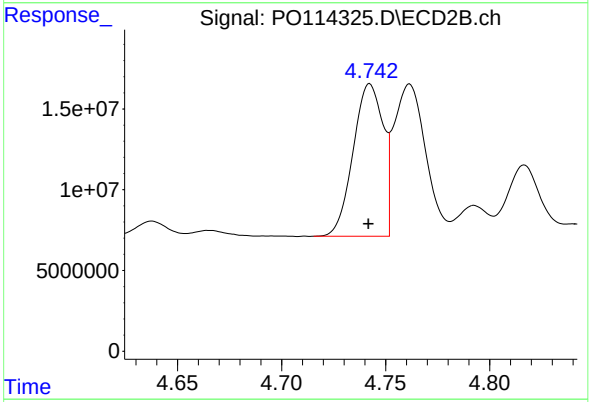
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 366120149
Conc: 92.65 ng/ml



#21 AR-1248-1

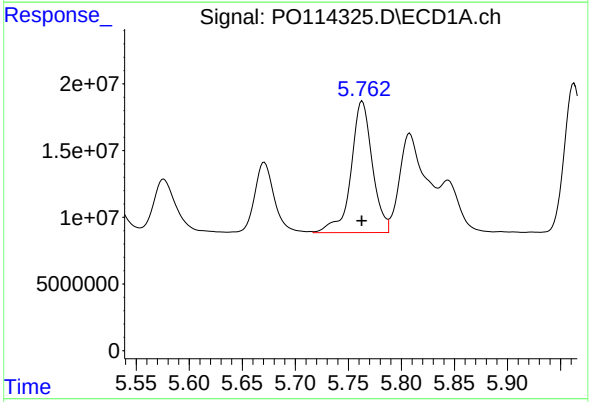
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 98567829
Conc: 928.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



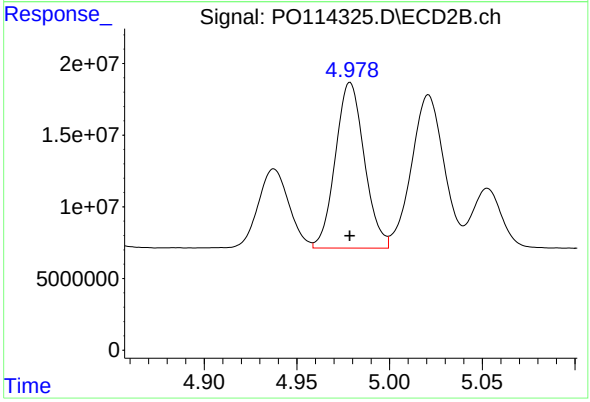
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 94570009
Conc: 912.89 ng/ml



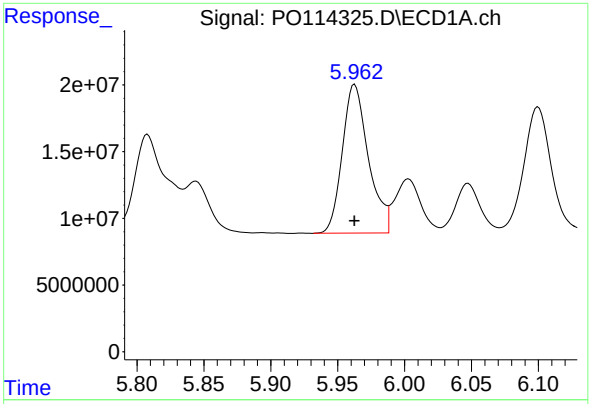
#22 AR-1248-2

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 137892609
Conc: 941.08 ng/ml



#22 AR-1248-2

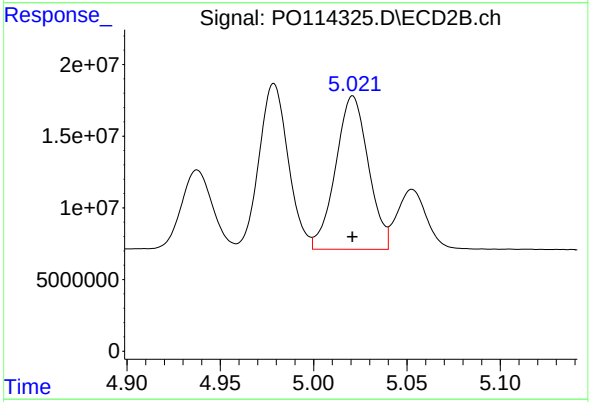
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 125502158
Conc: 911.66 ng/ml



#23 AR-1248-3

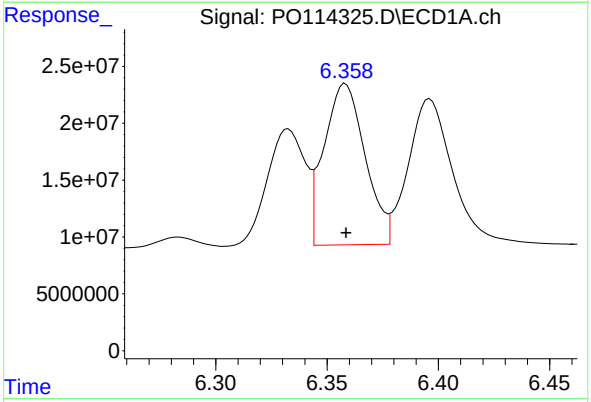
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 151681692
Conc: 928.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



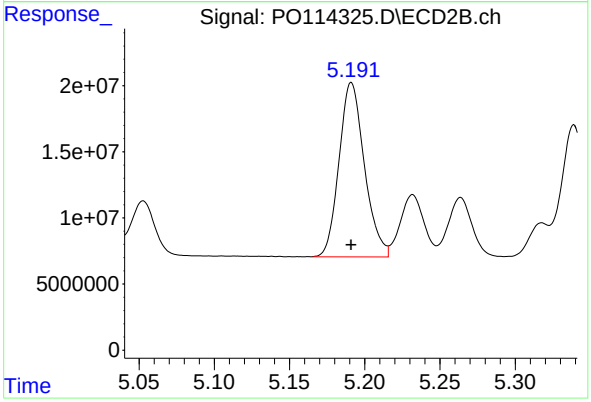
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 130740348
Conc: 912.31 ng/ml



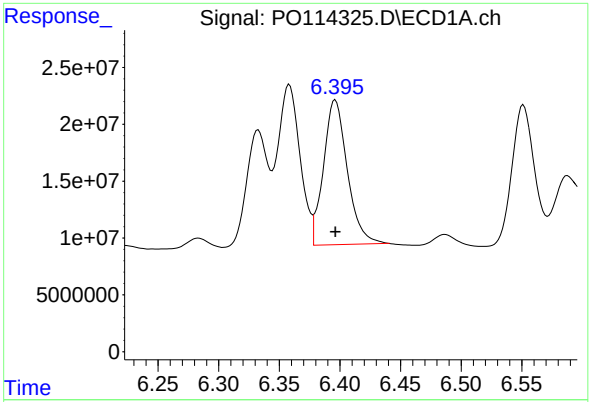
#24 AR-1248-4

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 182190012
Conc: 929.89 ng/ml



#24 AR-1248-4

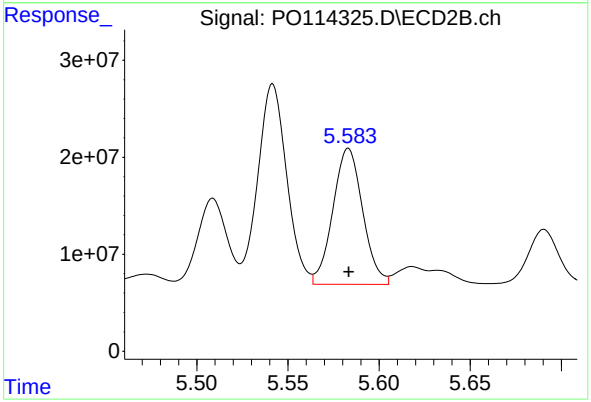
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 154697640
Conc: 915.28 ng/ml



#25 AR-1248-5

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 174543681
Conc: 914.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 159814127
Conc: 921.03 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:12
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: Oct 10 03:20:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.660	453.4E6	347.6E6	74.110	74.302
2)	SA Decachlor...	9.934	8.670	295.3E6	287.5E6	74.613	72.751
	Target Compounds						
21)	L5 AR-1248-1	5.493	4.742	76602229	74553202	721.441	719.665
22)	L5 AR-1248-2	5.764	4.978	106.9E6	99975147	729.538	726.229
23)	L5 AR-1248-3	5.963	5.020	119.5E6	104.3E6	731.245	727.518
24)	L5 AR-1248-4	6.359	5.191	143.0E6	122.7E6	729.751	725.750
25)	L5 AR-1248-5	6.397	5.583	137.7E6	126.3E6	721.883	727.694

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

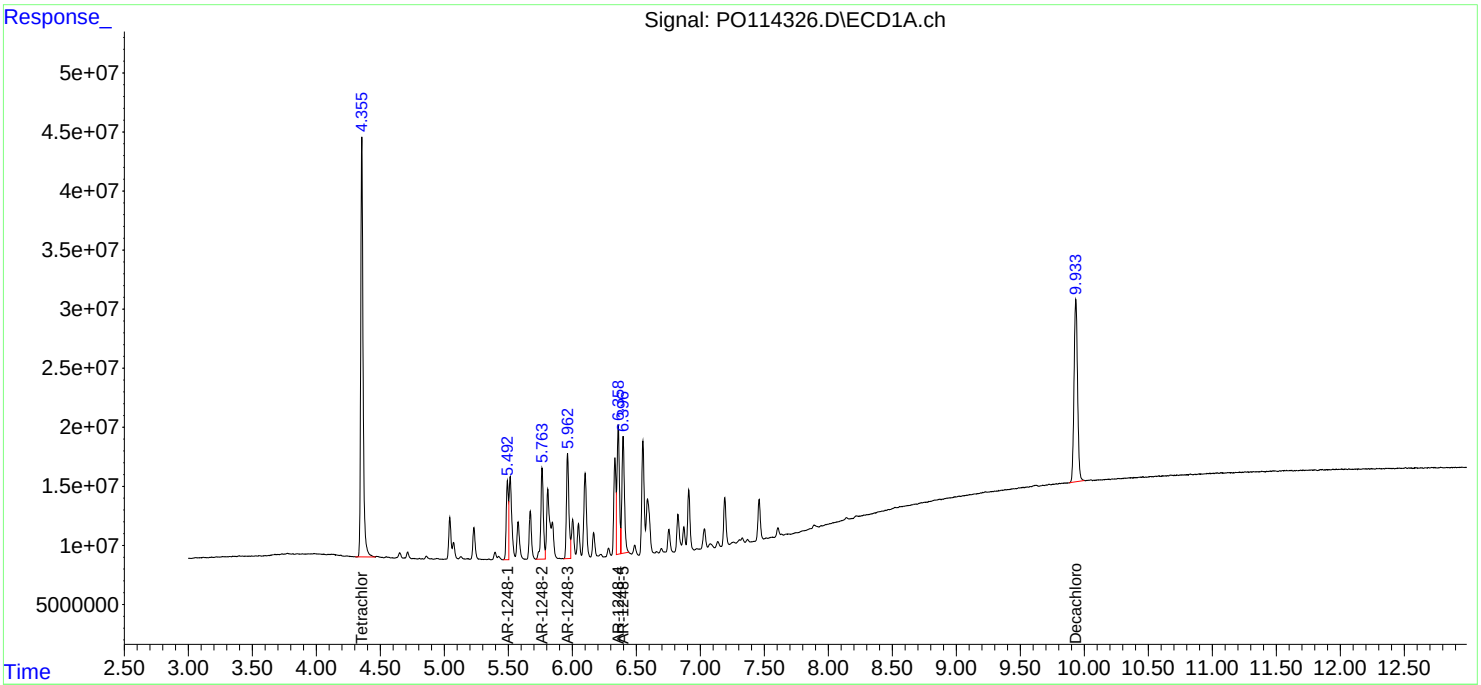
ICAL Form

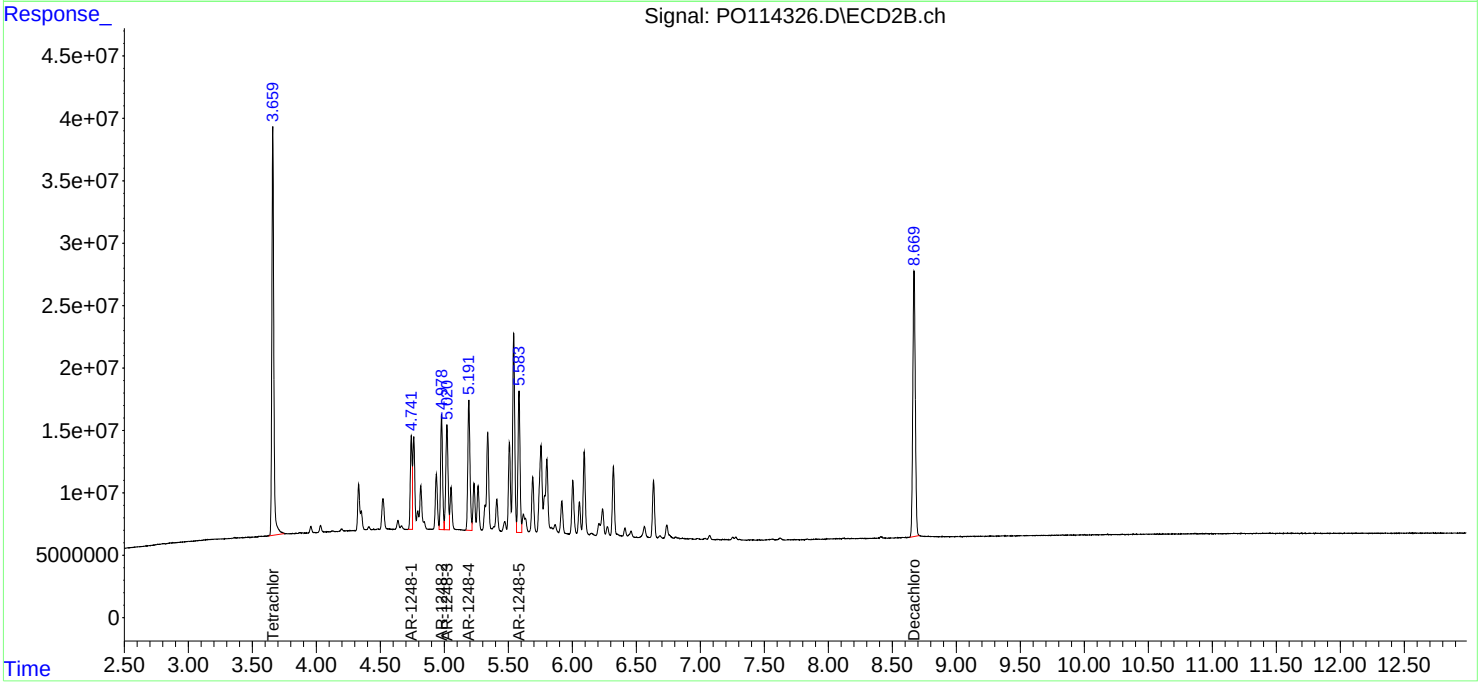
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:12
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

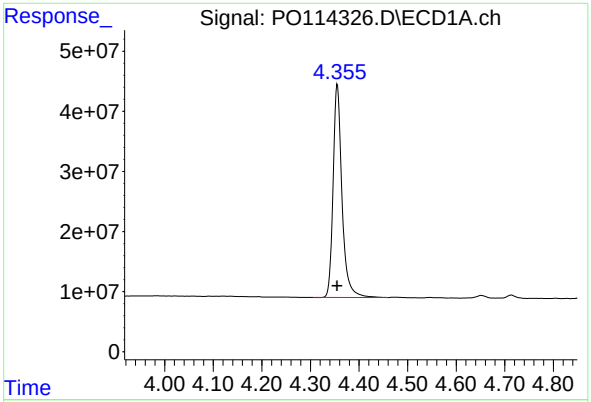
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:20:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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



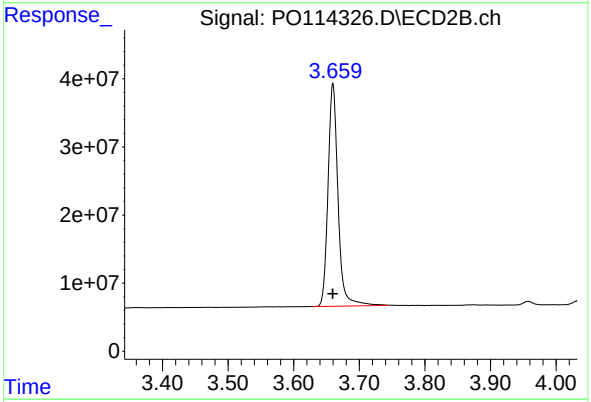




#1 Tetrachloro-m-xylene

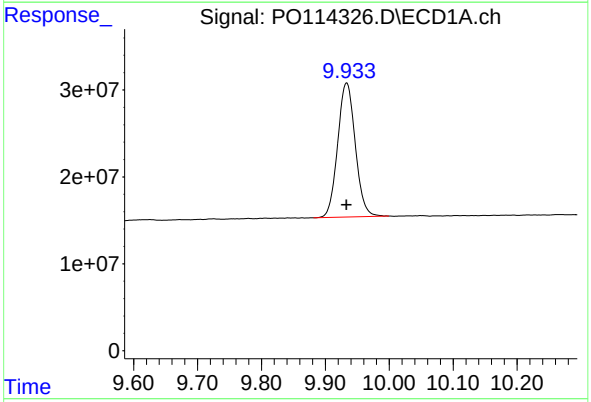
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 453359332
Conc: 74.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



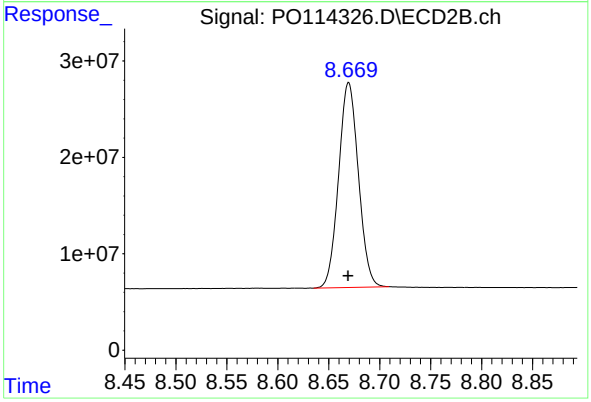
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 347551019
Conc: 74.30 ng/ml



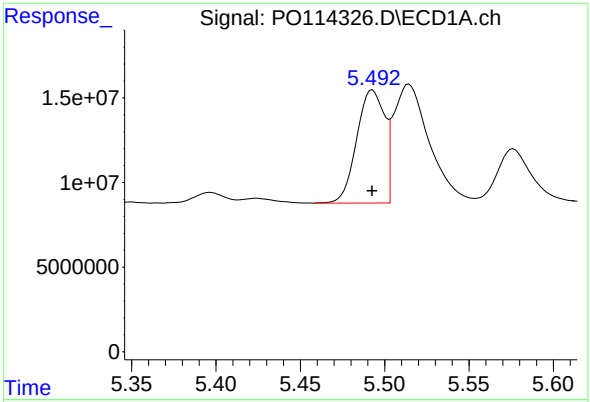
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 295280535
Conc: 74.61 ng/ml



#2 Decachlorobiphenyl

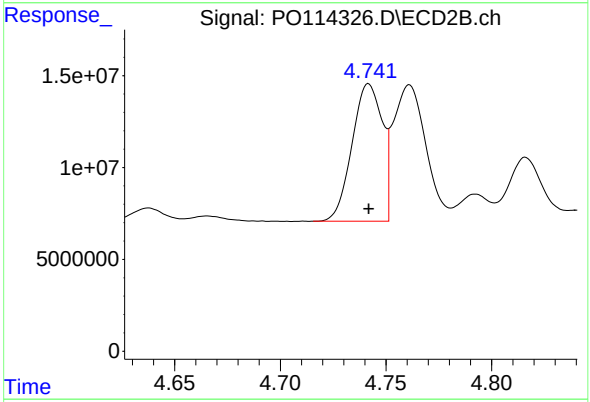
R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 287495892
Conc: 72.75 ng/ml



#21 AR-1248-1

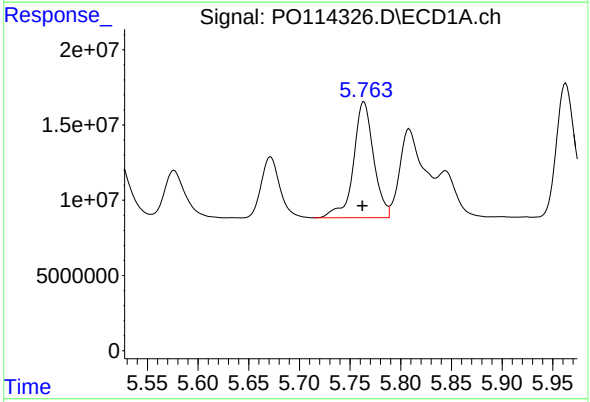
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 76602229
Conc: 721.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



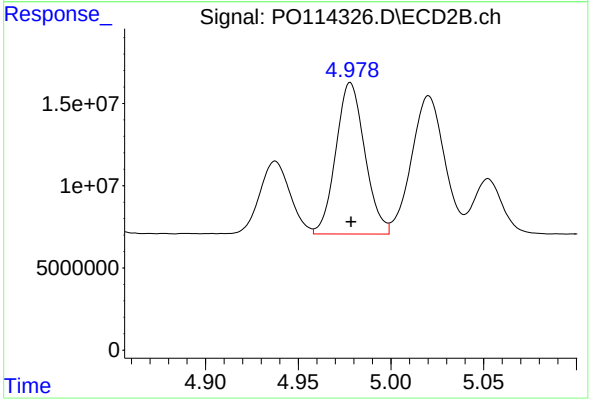
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 74553202
Conc: 719.66 ng/ml



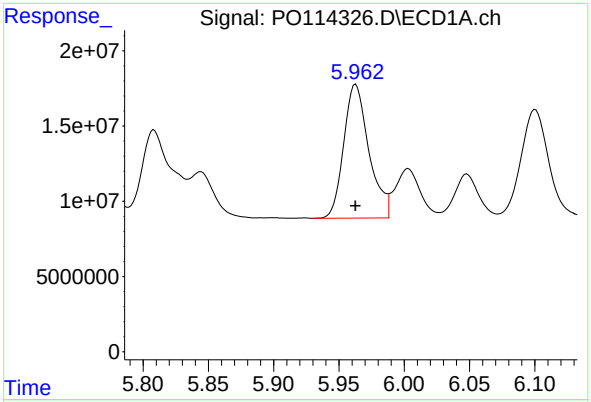
#22 AR-1248-2

R.T.: 5.764 min
Delta R.T.: 0.001 min
Response: 106896564
Conc: 729.54 ng/ml



#22 AR-1248-2

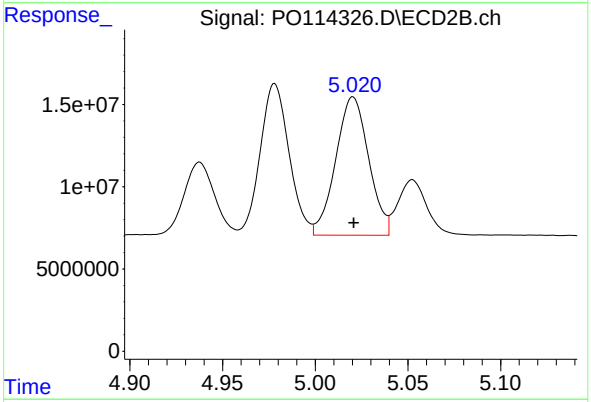
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 99975147
Conc: 726.23 ng/ml



#23 AR-1248-3

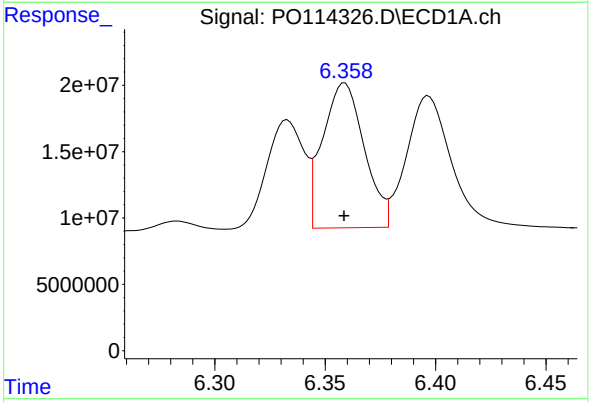
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 119500340
Conc: 731.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



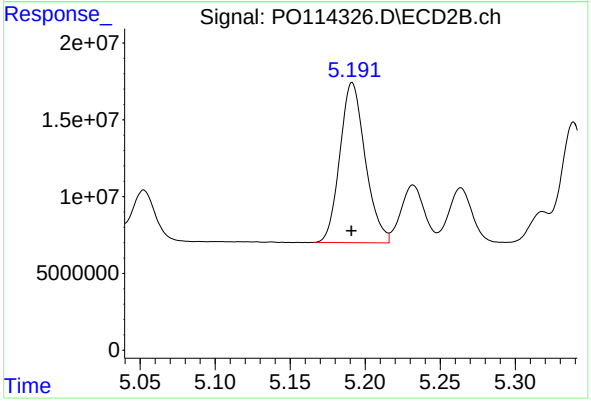
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 104257814
Conc: 727.52 ng/ml



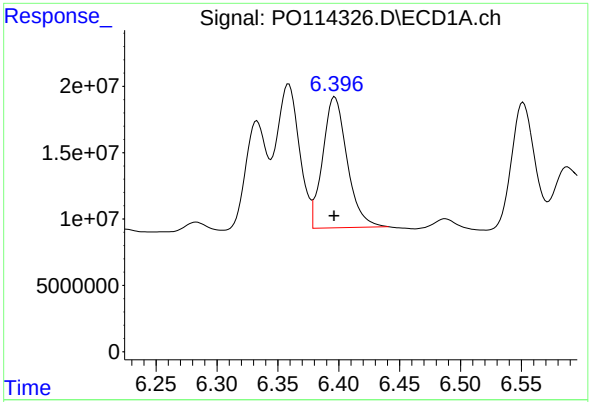
#24 AR-1248-4

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 142977730
Conc: 729.75 ng/ml



#24 AR-1248-4

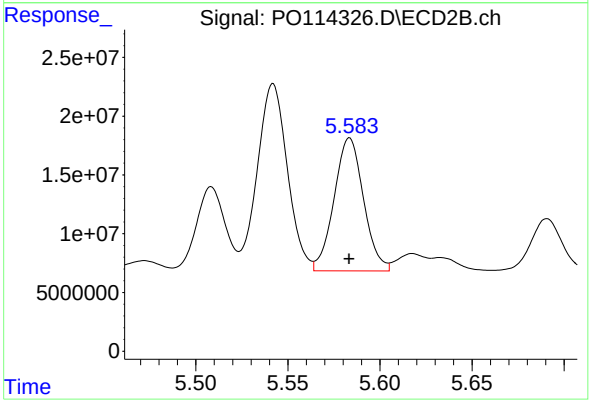
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 122663639
Conc: 725.75 ng/ml



#25 AR-1248-5

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 137705918
Conc: 721.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 126266683
Conc: 727.69 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:30
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: Oct 10 03:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.659	305.9E6	233.9E6	50.000	50.000
2)	SA Decachlor...	9.933	8.669	197.9E6	197.6E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.492	4.742	53089764	51797180	500.000	500.000
22)	L5 AR-1248-2	5.762	4.978	73263203	68831701	500.000	500.000
23)	L5 AR-1248-3	5.963	5.021	81710216	71653127	500.000	500.000
24)	L5 AR-1248-4	6.359	5.191	97963368	84508243	500.000	500.000
25)	L5 AR-1248-5	6.396	5.583	95379713	86758108	500.000	500.000

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

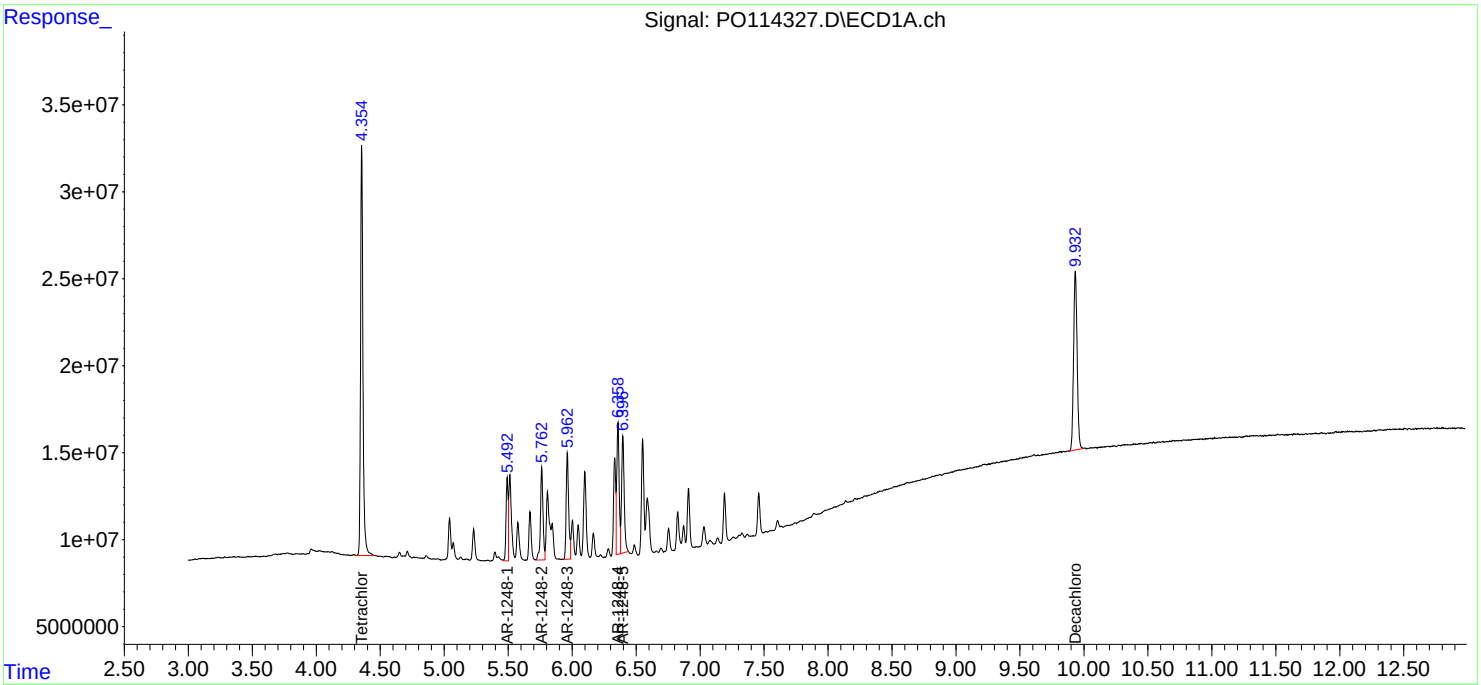
ICAL Form

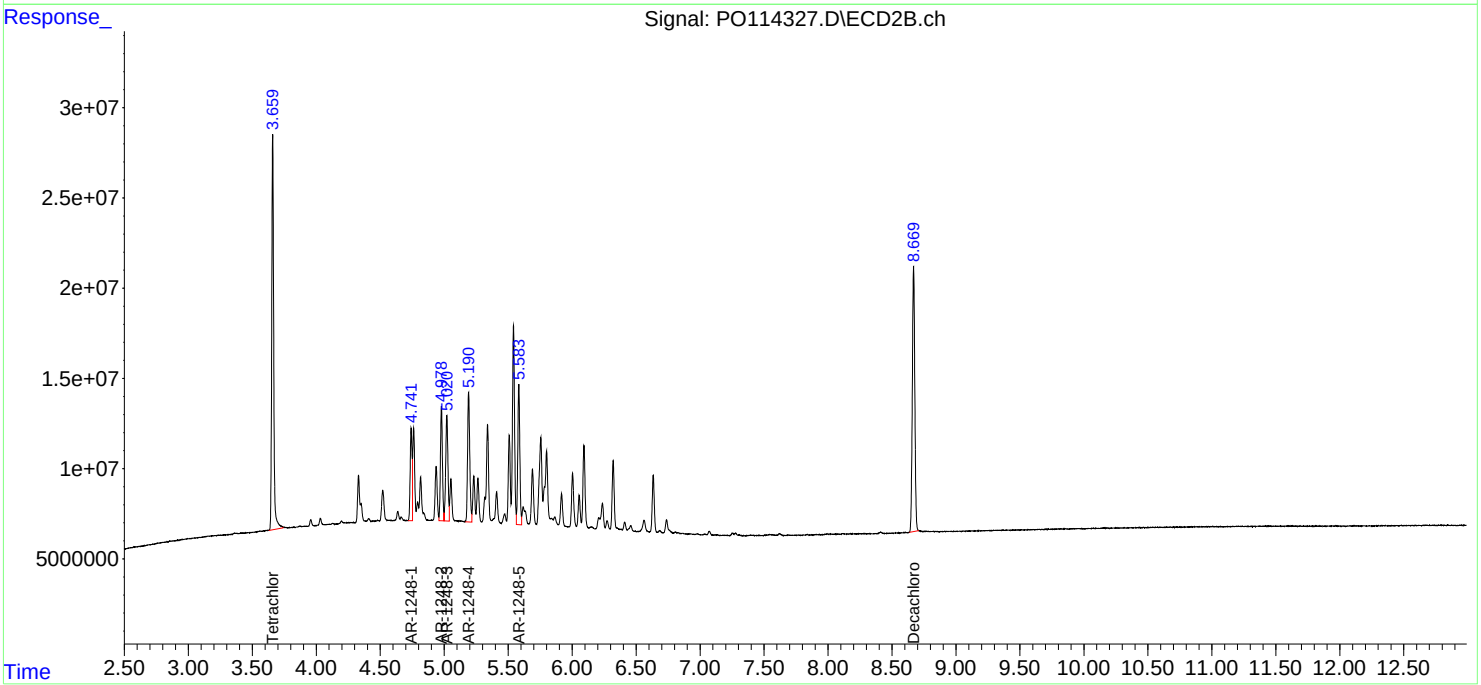
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:30
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

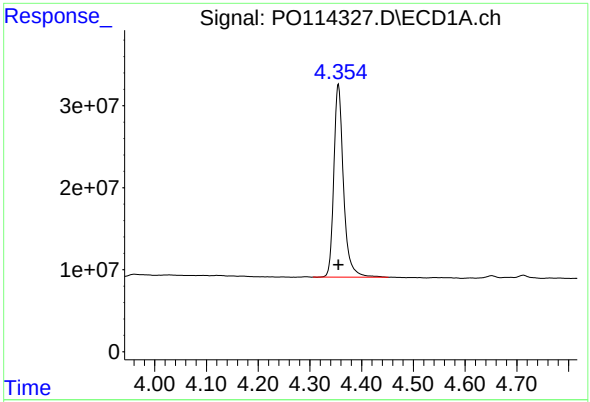
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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



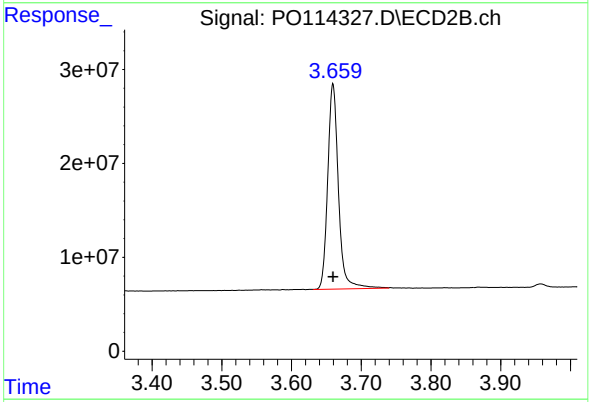




#1 Tetrachloro-m-xylene

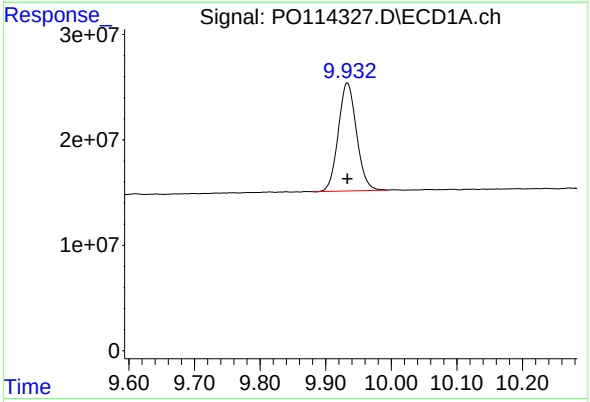
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 305869518
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



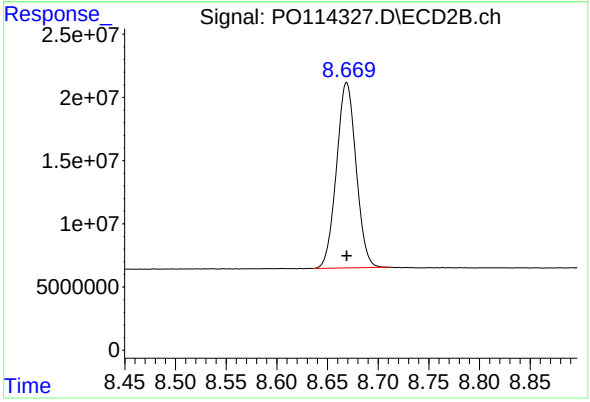
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 233877355
Conc: 50.00 ng/ml



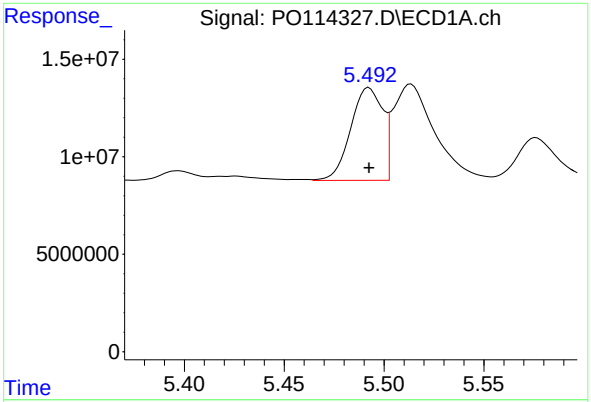
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 197873748
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

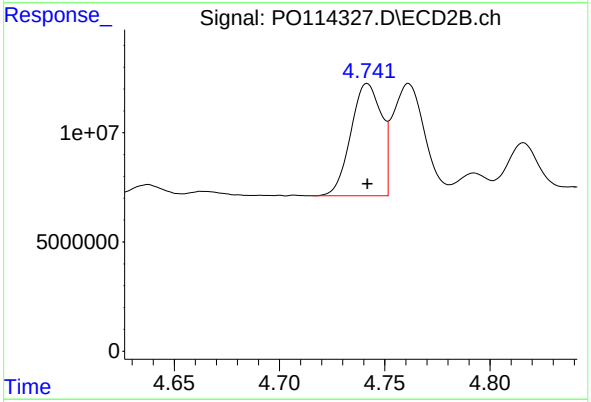
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 197590019
Conc: 50.00 ng/ml



#21 AR-1248-1

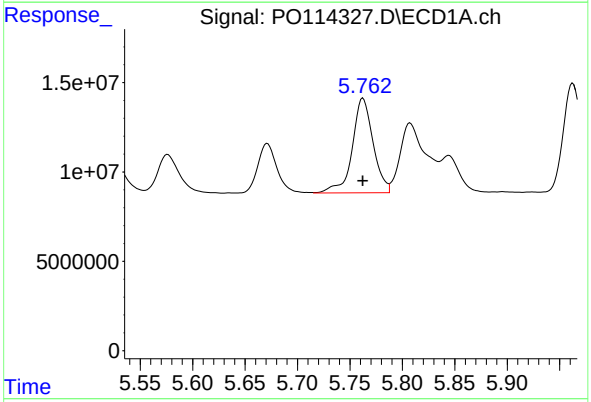
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 53089764
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



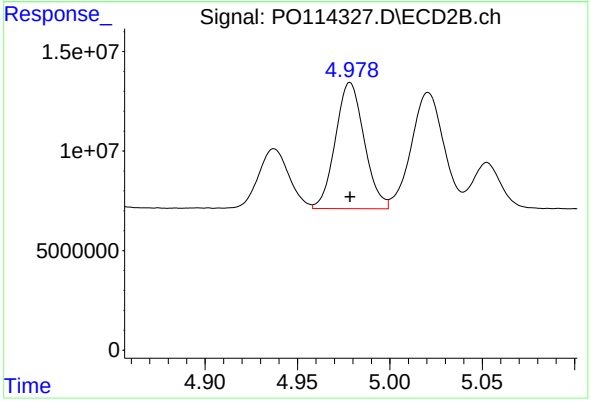
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 51797180
Conc: 500.00 ng/ml



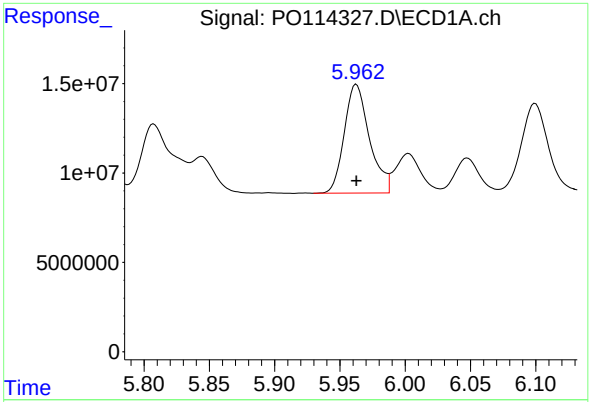
#22 AR-1248-2

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 73263203
Conc: 500.00 ng/ml



#22 AR-1248-2

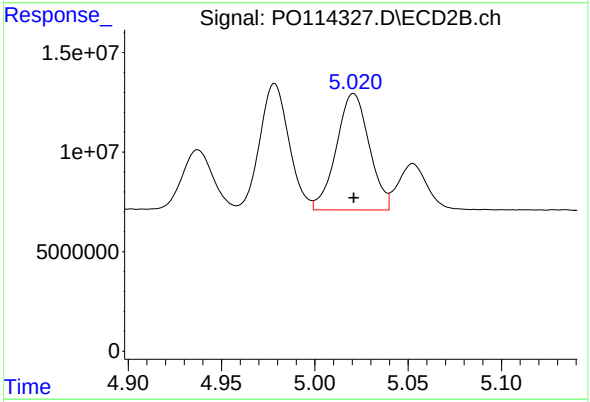
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 68831701
Conc: 500.00 ng/ml



#23 AR-1248-3

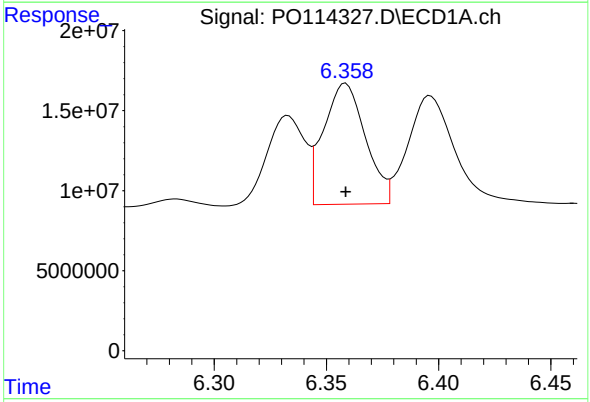
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 81710216
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



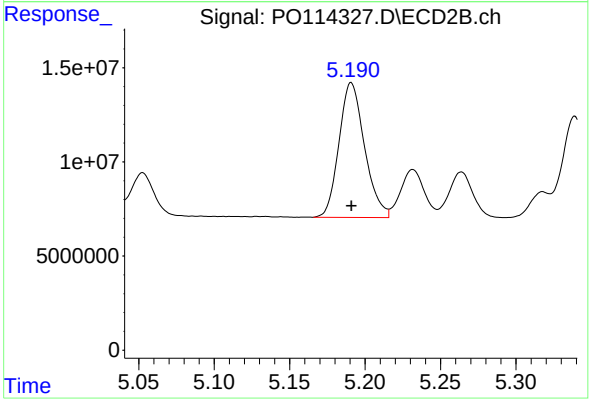
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 71653127
Conc: 500.00 ng/ml



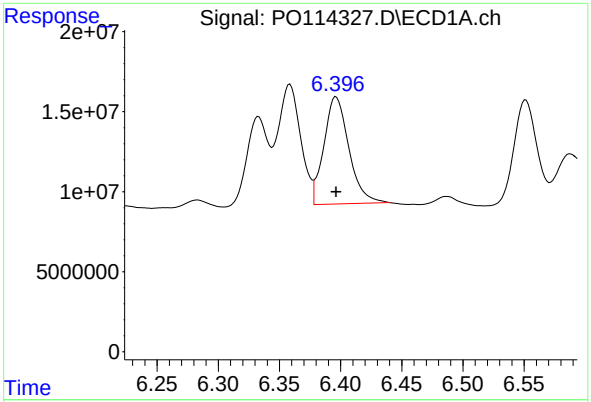
#24 AR-1248-4

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 97963368
Conc: 500.00 ng/ml



#24 AR-1248-4

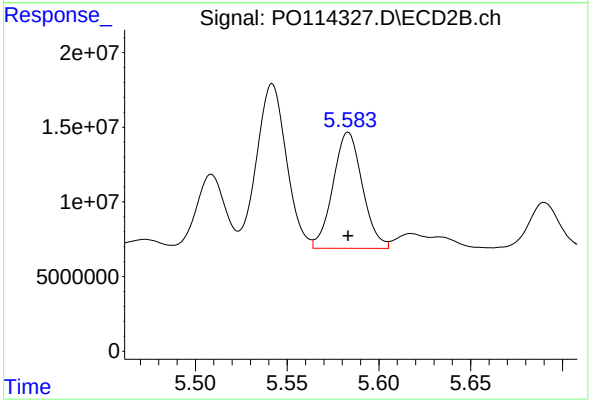
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 84508243
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 95379713
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 86758108
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:49
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:20:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.659	145.8E6	113.4E6	23.835	24.253
2)	SA Decachlor...	9.933	8.669	94098127	97777263	23.777	24.742
	Target Compounds						
21)	L5 AR-1248-1	5.492	4.742	25431383	25439597	239.513	245.569
22)	L5 AR-1248-2	5.763	4.978	36328448	34401216	247.931	249.894
23)	L5 AR-1248-3	5.962	5.021	39757173	35545296	243.282	248.037
24)	L5 AR-1248-4	6.359	5.190	48762871	41877521	248.883	247.772
25)	L5 AR-1248-5	6.396	5.583	50703298	42826475	265.797m	246.815

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:49
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

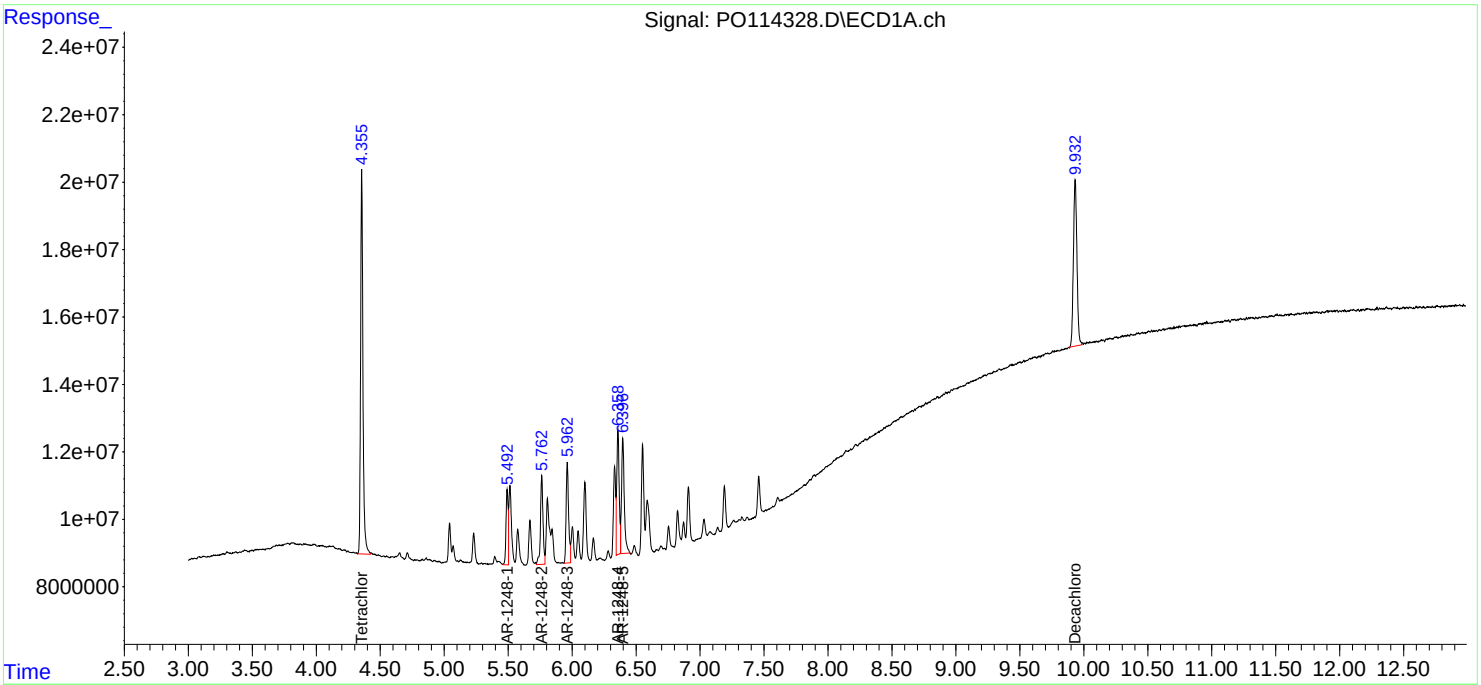
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

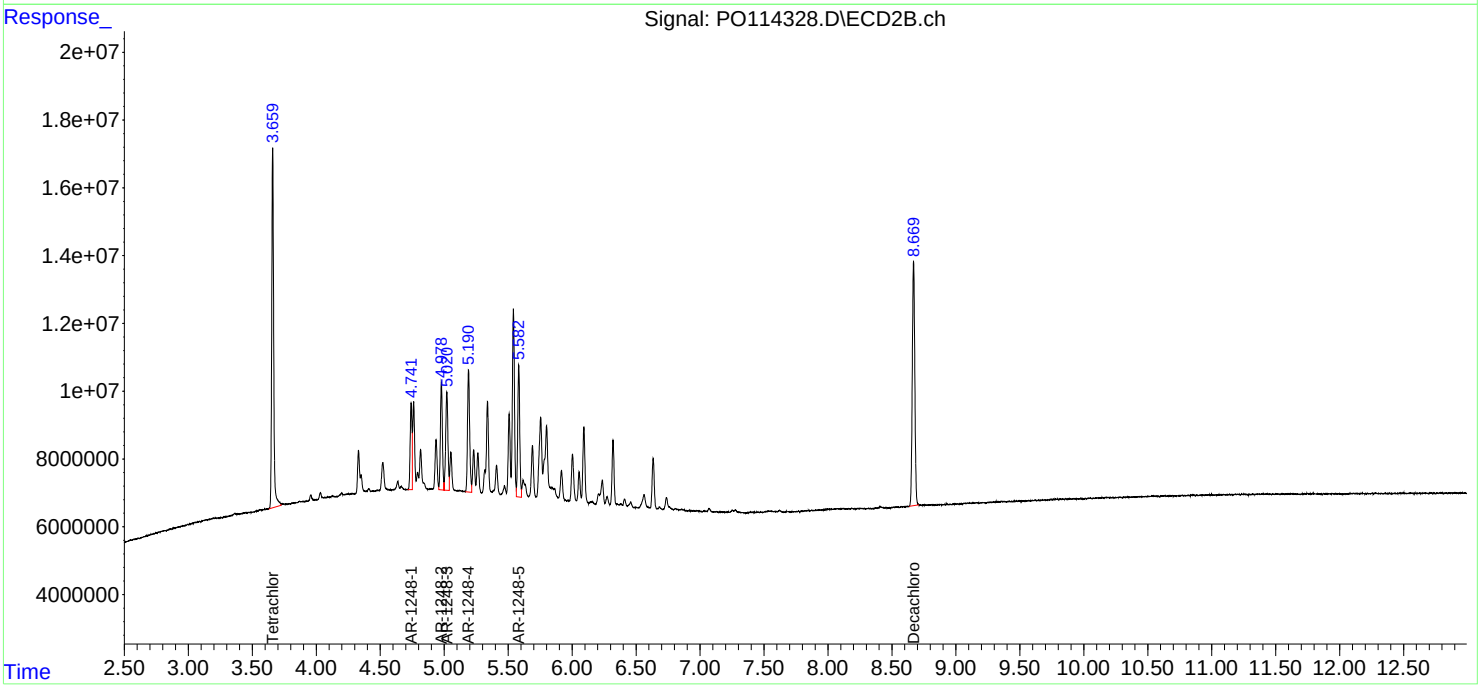
Manual Integrations APPROVED

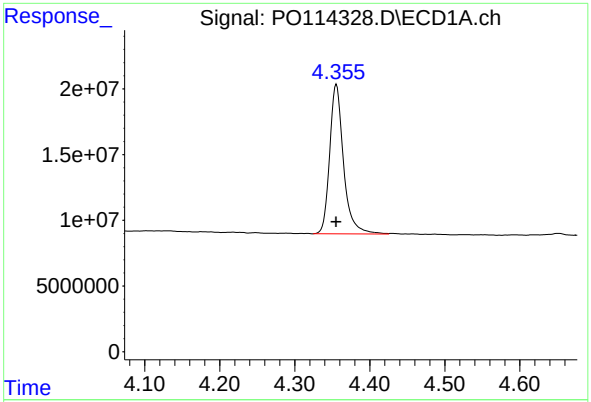
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:20:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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







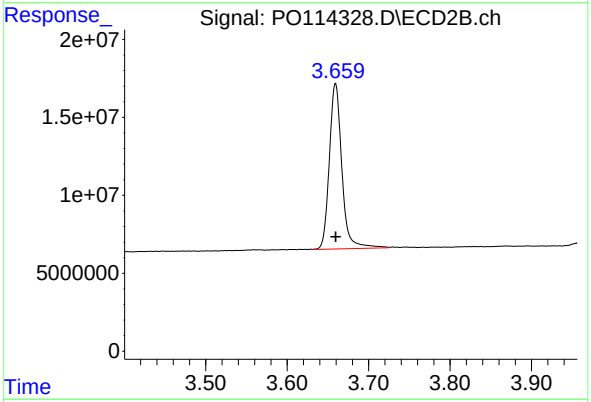
#1 Tetrachloro-m-xylene

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 145807263
Conc: 23.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

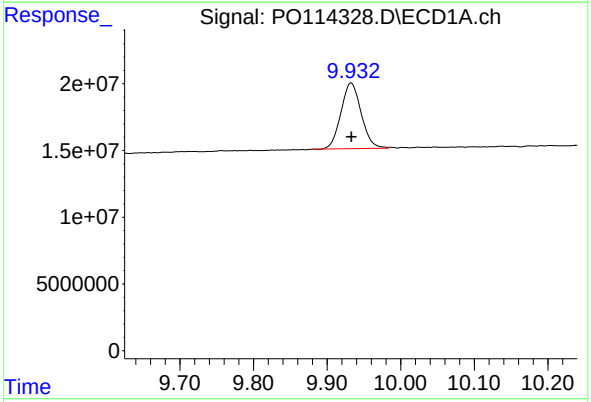
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



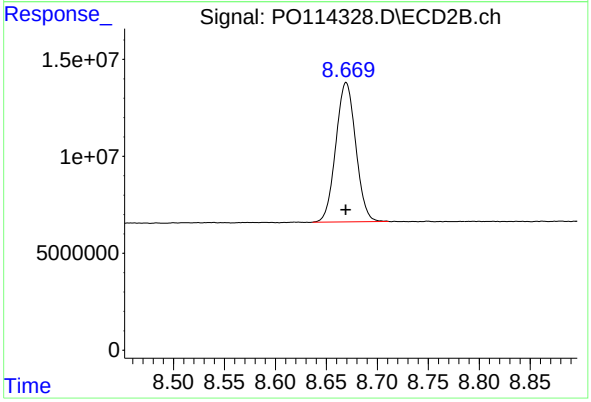
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 113442734
Conc: 24.25 ng/ml



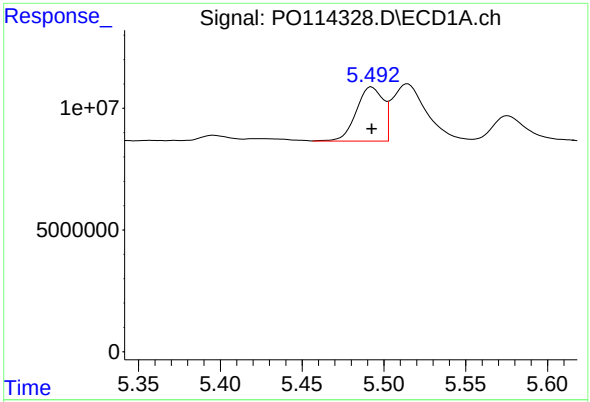
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 94098127
Conc: 23.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 97777263
Conc: 24.74 ng/ml



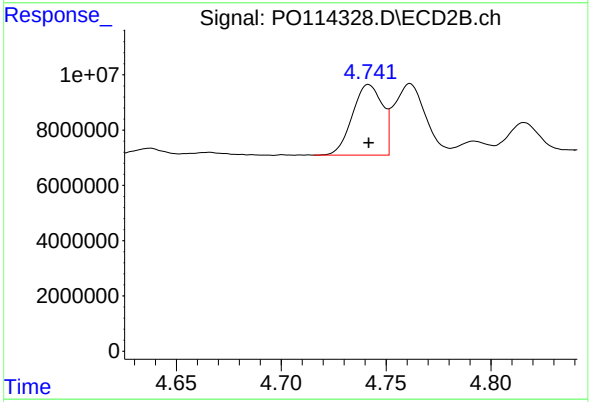
#21 AR-1248-1

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 25431383
Conc: 239.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

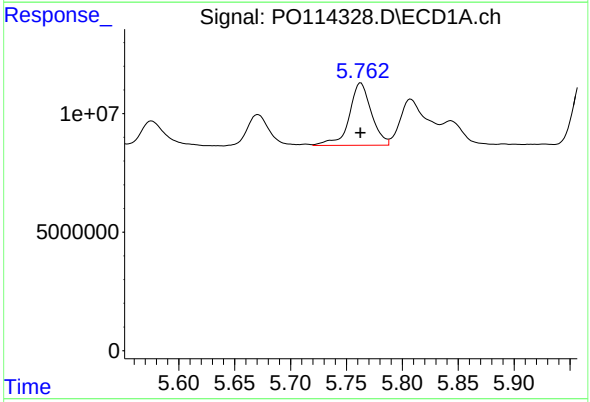
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



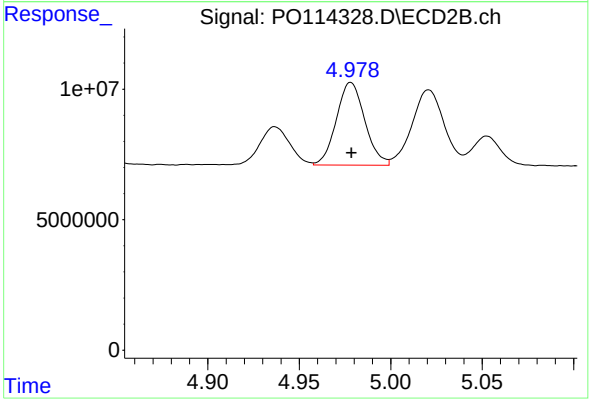
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 25439597
Conc: 245.57 ng/ml



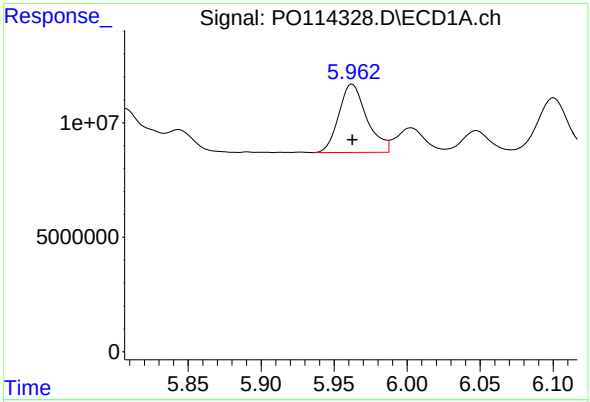
#22 AR-1248-2

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 36328448
Conc: 247.93 ng/ml



#22 AR-1248-2

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 34401216
Conc: 249.89 ng/ml



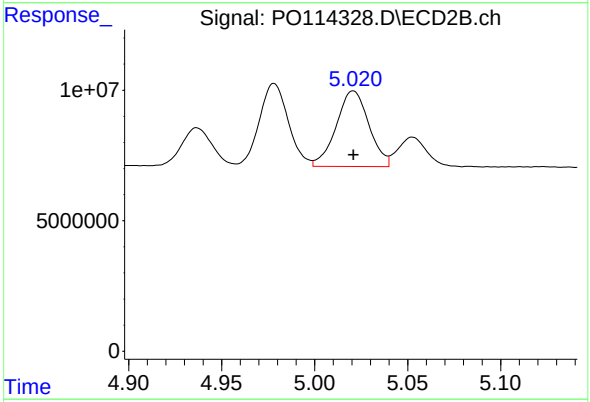
#23 AR-1248-3

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 39757173
Conc: 243.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

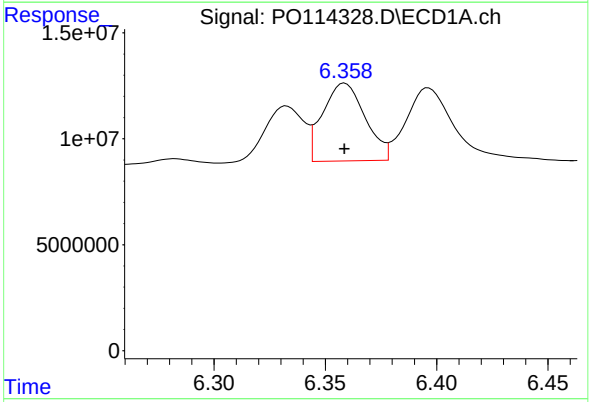
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



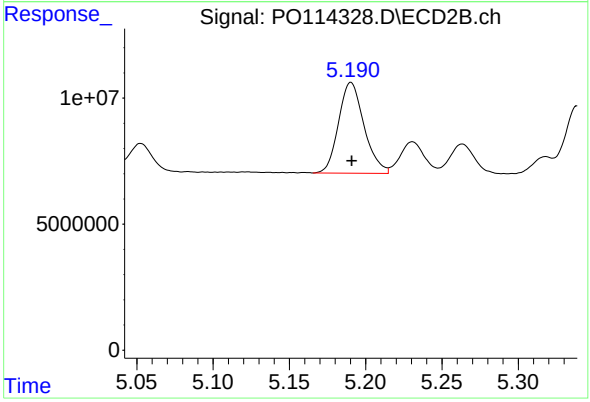
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 35545296
Conc: 248.04 ng/ml



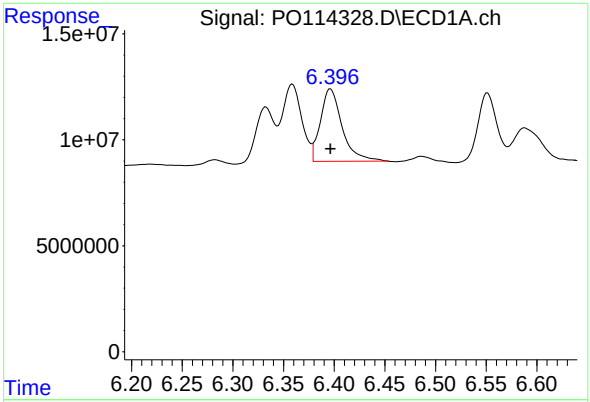
#24 AR-1248-4

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 48762871
Conc: 248.88 ng/ml



#24 AR-1248-4

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 41877521
Conc: 247.77 ng/ml



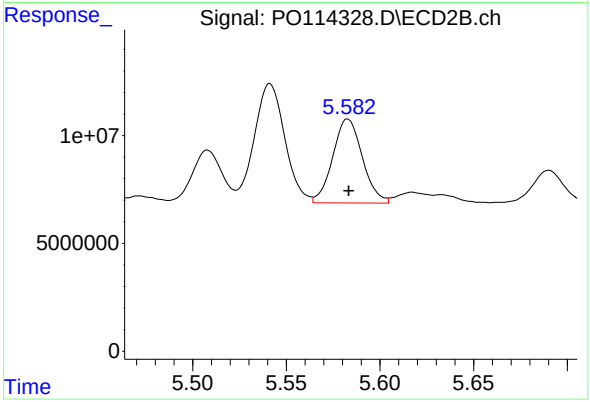
#25 AR-1248-5

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 50703298
Conc: 265.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



#25 AR-1248-5

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 42826475
Conc: 246.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:07
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:20:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.659	28241886	21305171	4.617	4.555
2)	SA Decachlor...	9.932	8.668	18677603	19685546	4.720	4.981
	Target Compounds						
21)	L5 AR-1248-1	5.490	4.741	4159113	4657507	39.171m	44.959
22)	L5 AR-1248-2	5.762	4.978	7278103	6809946	49.671	49.468
23)	L5 AR-1248-3	5.962	5.020	8029666	7123518	49.135	49.708
24)	L5 AR-1248-4	6.359	5.190	10757306	8352240	54.905	49.417
25)	L5 AR-1248-5	6.396	5.582	12462323	8745007	65.330m	50.399

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:07
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

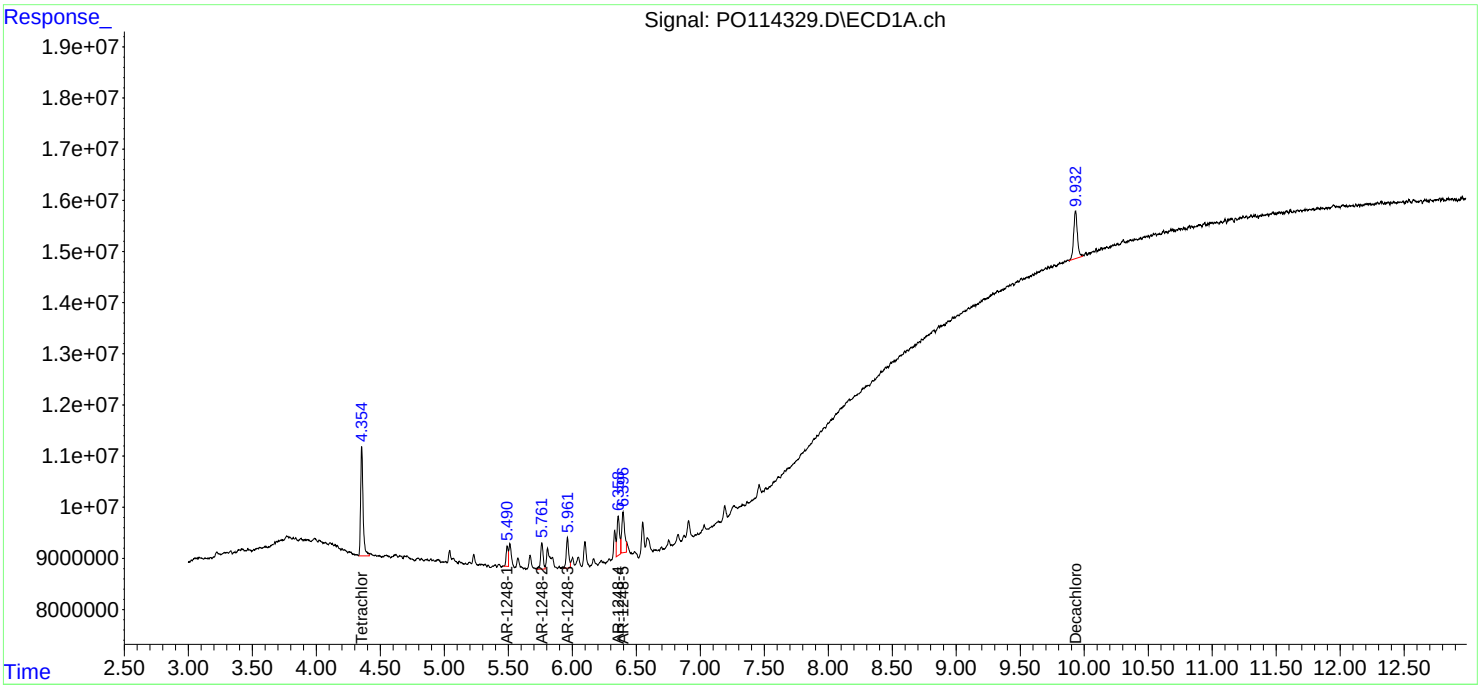
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

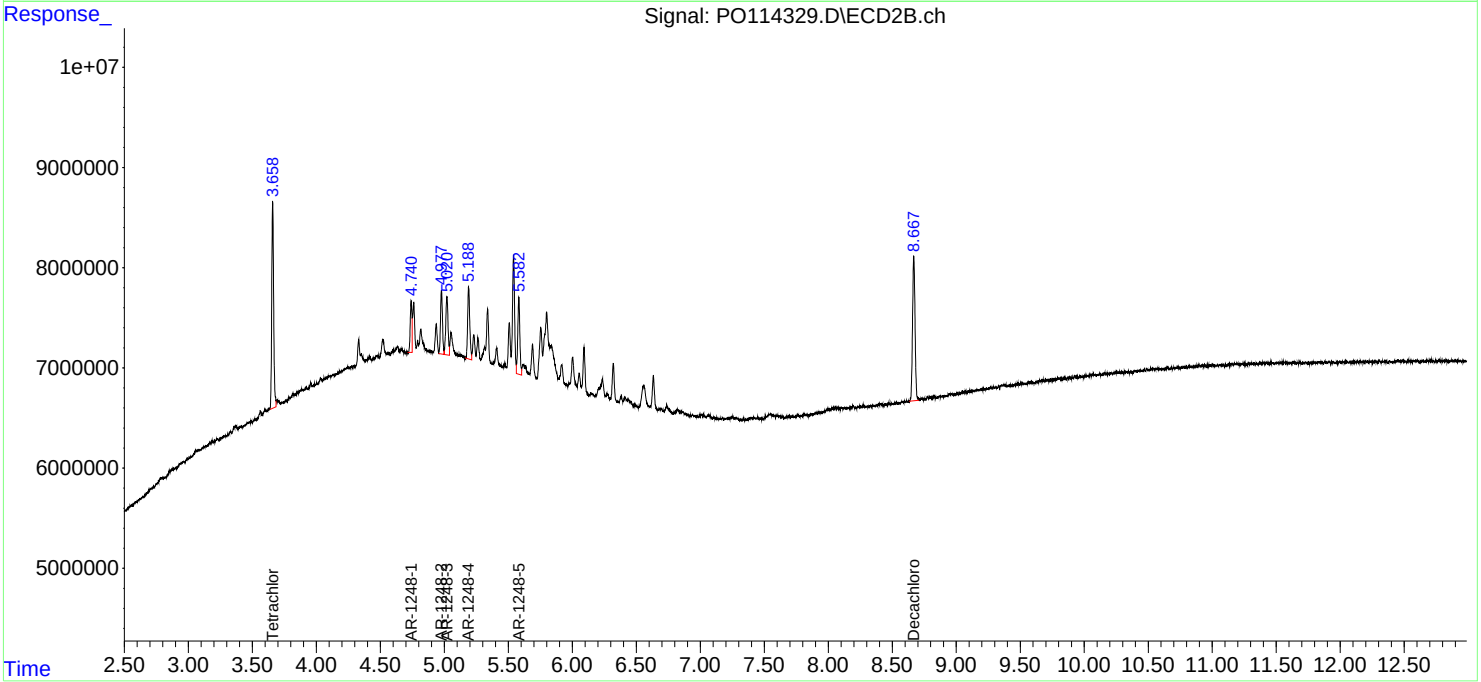
Manual Integrations APPROVED

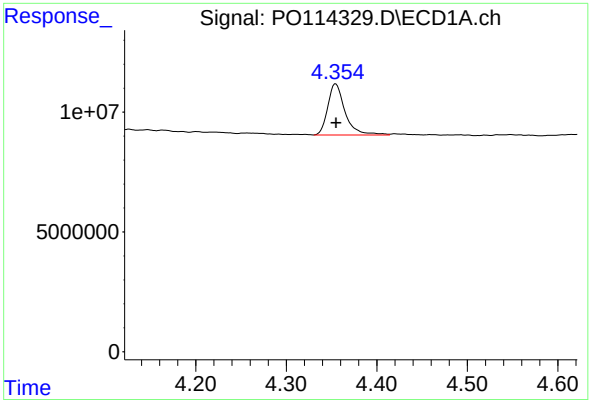
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:20:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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







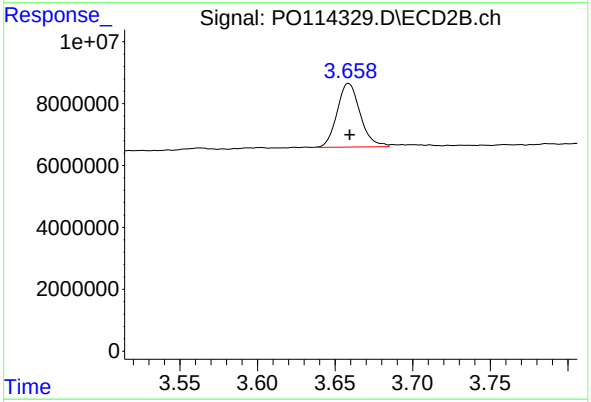
#1 Tetrachloro-m-xylene

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 28241886
Conc: 4.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

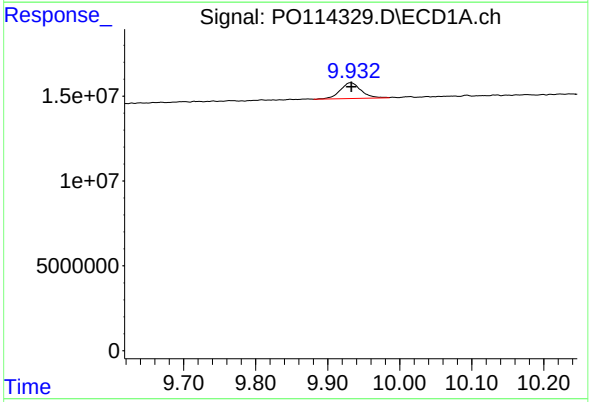
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



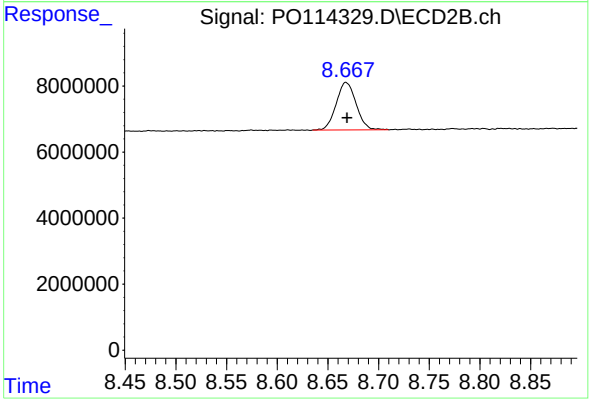
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 21305171
Conc: 4.55 ng/ml



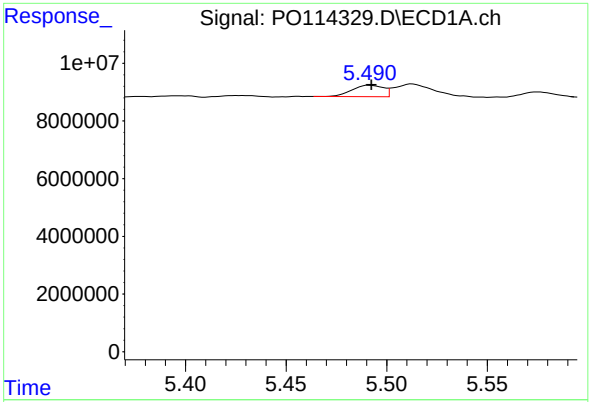
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 18677603
Conc: 4.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 19685546
Conc: 4.98 ng/ml



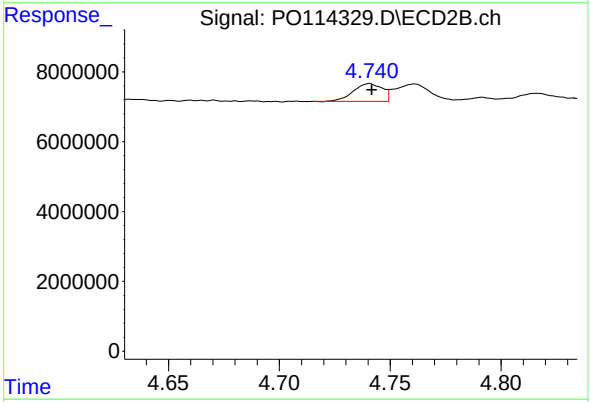
#21 AR-1248-1

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 4159113
Conc: 39.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

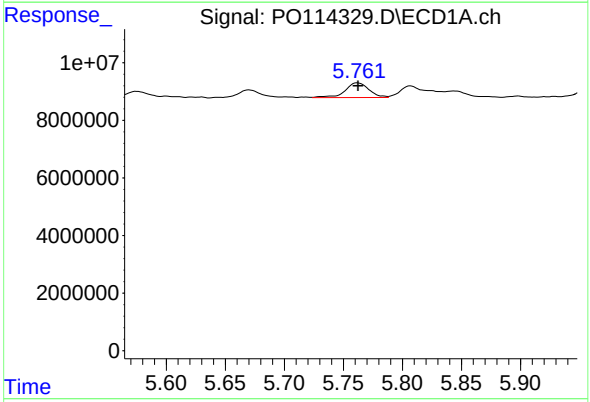
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



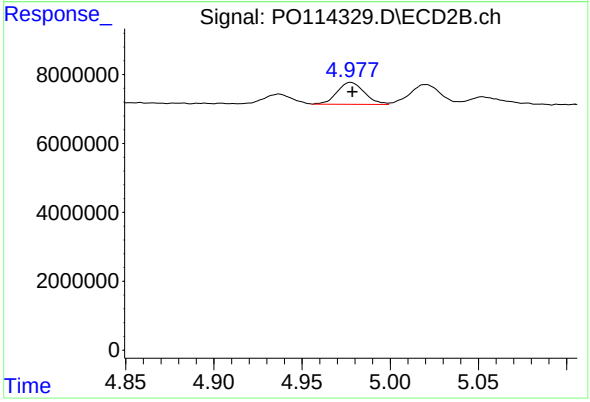
#21 AR-1248-1

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 4657507
Conc: 44.96 ng/ml



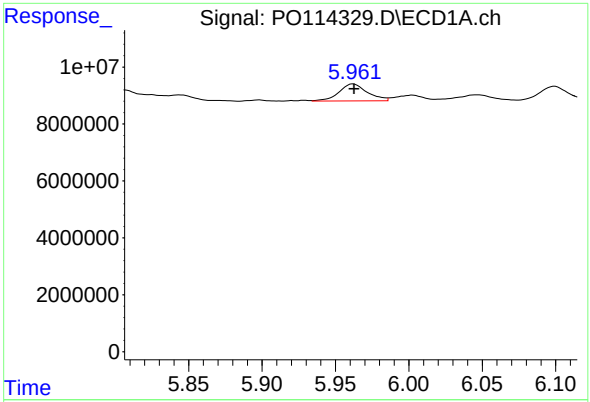
#22 AR-1248-2

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 7278103
Conc: 49.67 ng/ml



#22 AR-1248-2

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 6809946
Conc: 49.47 ng/ml



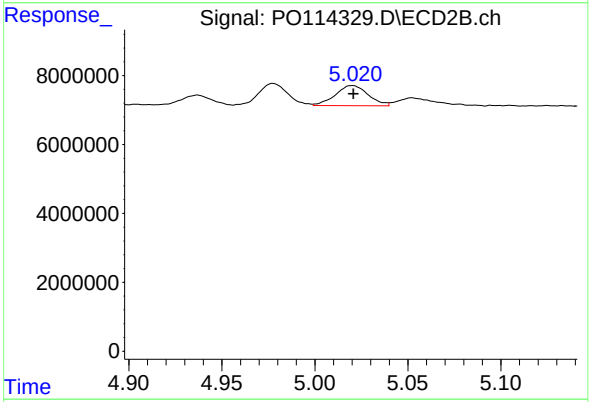
#23 AR-1248-3

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 8029666
Conc: 49.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

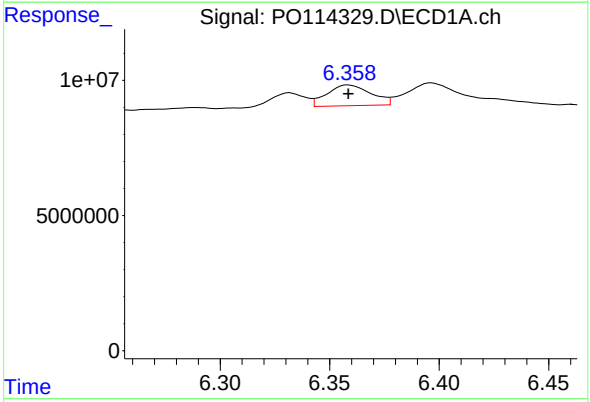
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



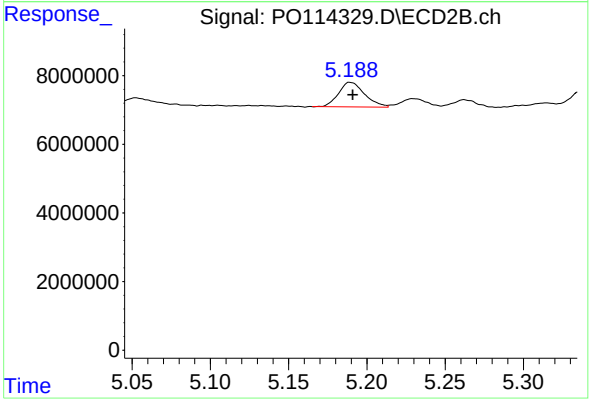
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 7123518
Conc: 49.71 ng/ml



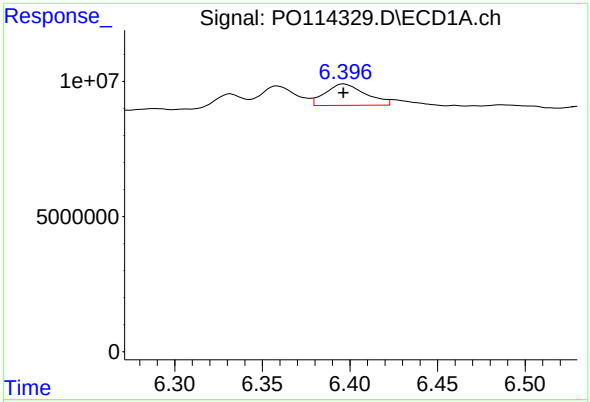
#24 AR-1248-4

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 10757306
Conc: 54.90 ng/ml



#24 AR-1248-4

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 8352240
Conc: 49.42 ng/ml



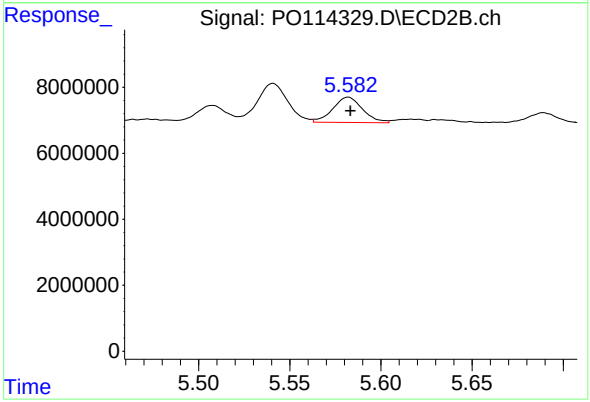
#25 AR-1248-5

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 12462323
Conc: 65.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



#25 AR-1248-5

R.T.: 5.582 min
Delta R.T.: -0.001 min
Response: 8745007
Conc: 50.40 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:26
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: Oct 10 03:53:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 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...	4.355	3.659	582.3E6	442.7E6	96.190	95.725
2)	SA Decachlor...	9.932	8.669	379.2E6	367.3E6	96.328	93.580
	Target Compounds						
26)	L6 AR-1254-1	6.335	5.543	171.9E6	247.2E6	942.832	914.416
27)	L6 AR-1254-2	6.551	5.691	248.6E6	219.2E6	933.098	916.170
28)	L6 AR-1254-3	6.910	6.093	279.0E6	340.1E6	951.009	928.694
29)	L6 AR-1254-4	7.192	6.321	232.4E6	246.4E6	935.995	924.595
30)	L6 AR-1254-5	7.607	6.739	221.0E6	309.3E6	953.461	929.374

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

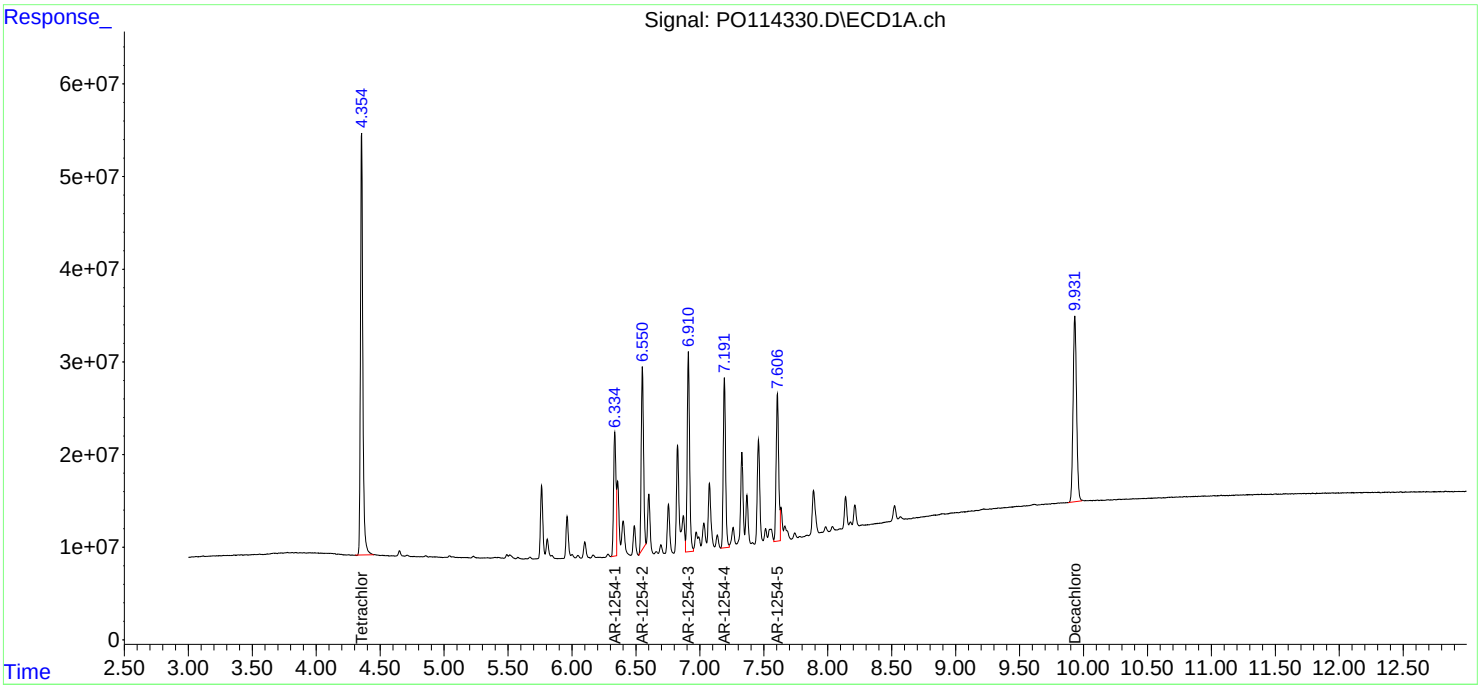
ICAL Form

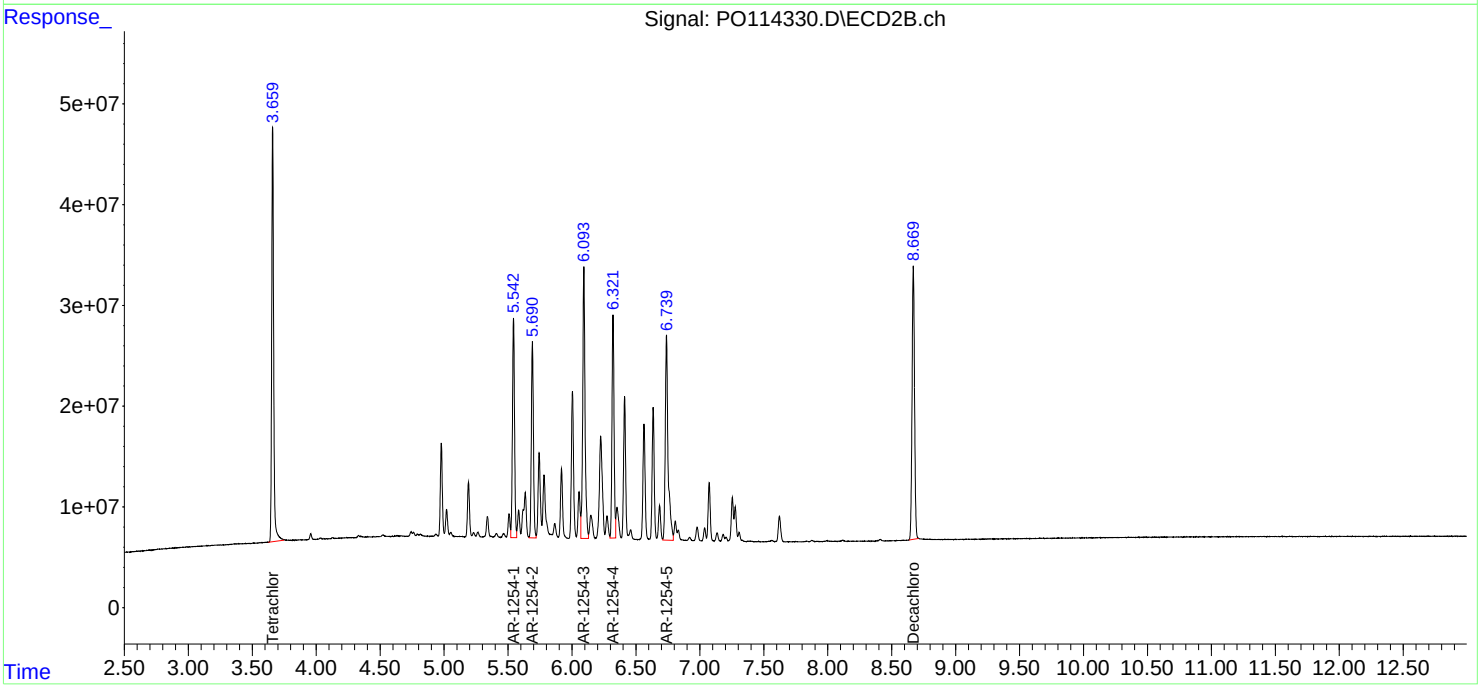
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:26
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

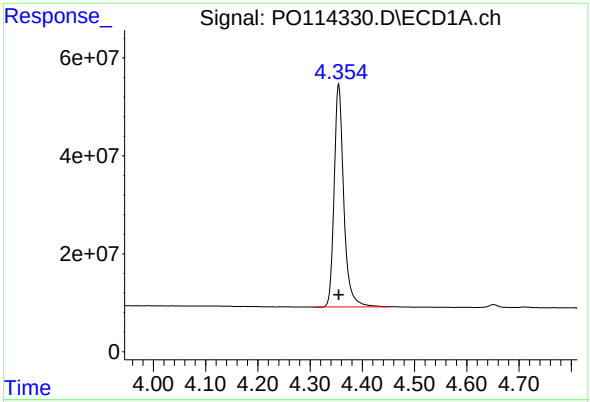
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:53:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 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



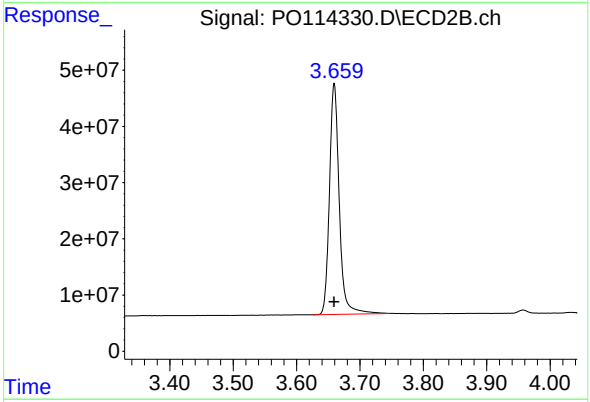




#1 Tetrachloro-m-xylene

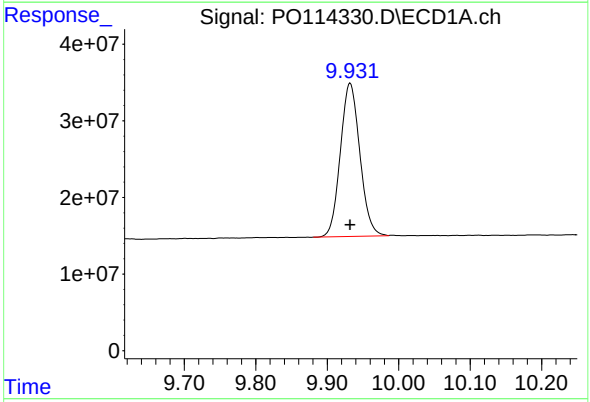
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 582282489
Conc: 96.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



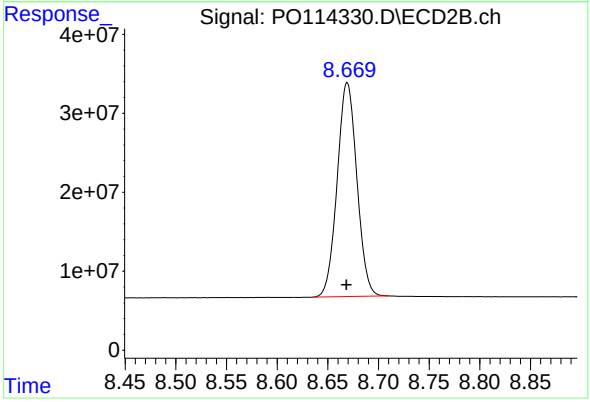
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 442675237
Conc: 95.73 ng/ml



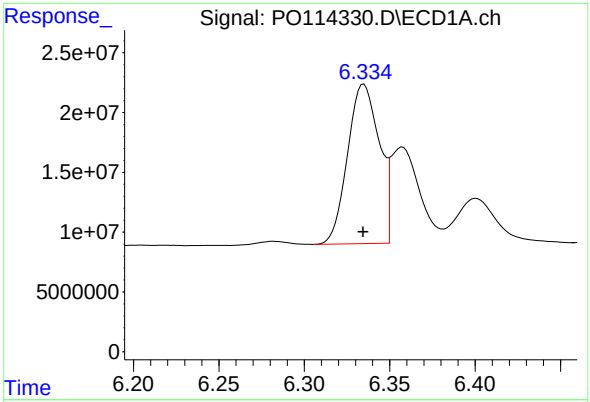
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 379237392
Conc: 96.33 ng/ml



#2 Decachlorobiphenyl

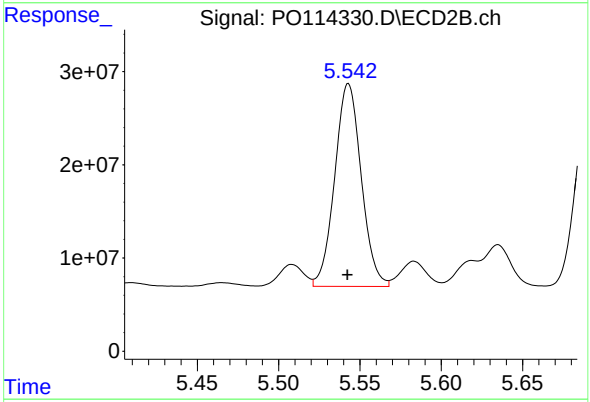
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 367313413
Conc: 93.58 ng/ml



#26 AR-1254-1

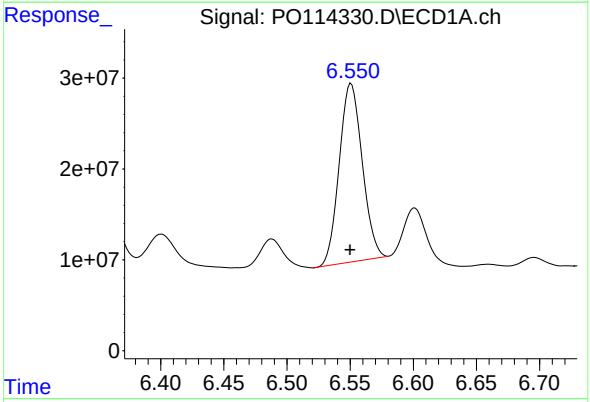
R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 171902953
Conc: 942.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



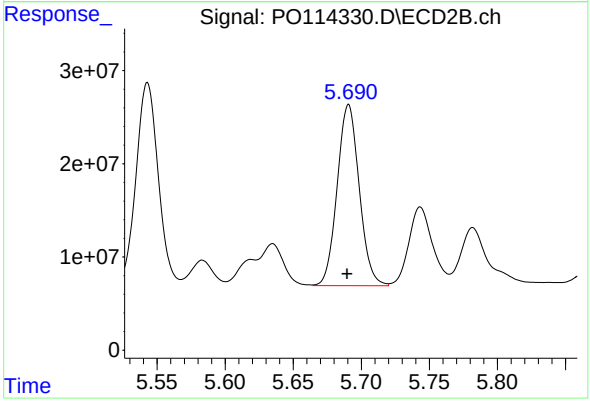
#26 AR-1254-1

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 247222467
Conc: 914.42 ng/ml



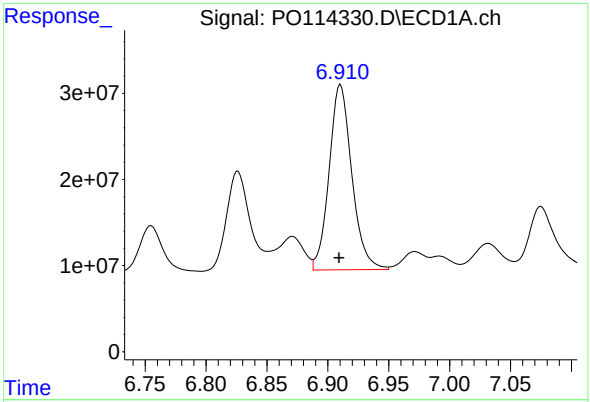
#27 AR-1254-2

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 248603985
Conc: 933.10 ng/ml



#27 AR-1254-2

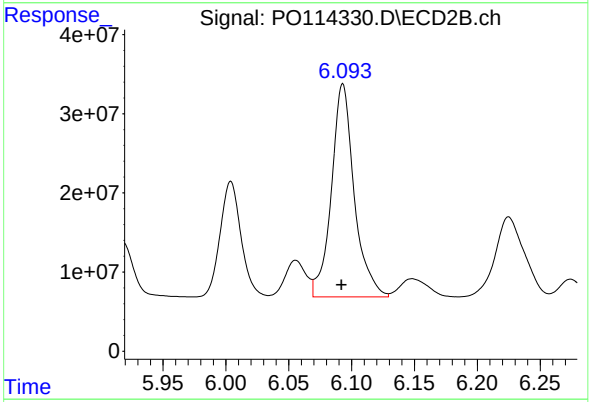
R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 219192417
Conc: 916.17 ng/ml



#28 AR-1254-3

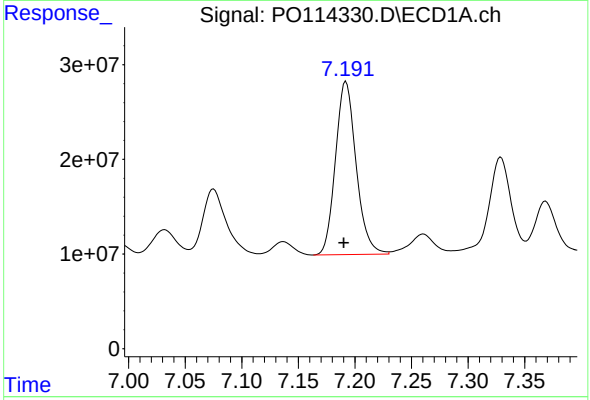
R.T.: 6.910 min
Delta R.T.: 0.001 min
Response: 278966197
Conc: 951.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



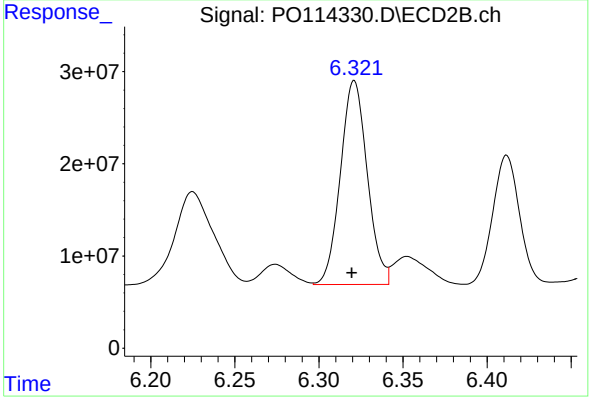
#28 AR-1254-3

R.T.: 6.093 min
Delta R.T.: 0.001 min
Response: 340127494
Conc: 928.69 ng/ml



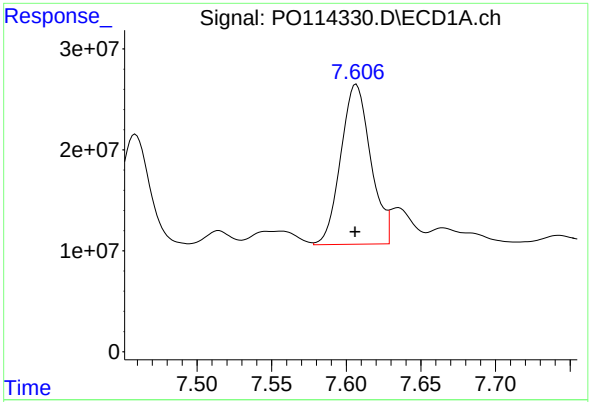
#29 AR-1254-4

R.T.: 7.192 min
Delta R.T.: 0.002 min
Response: 232417367
Conc: 936.00 ng/ml



#29 AR-1254-4

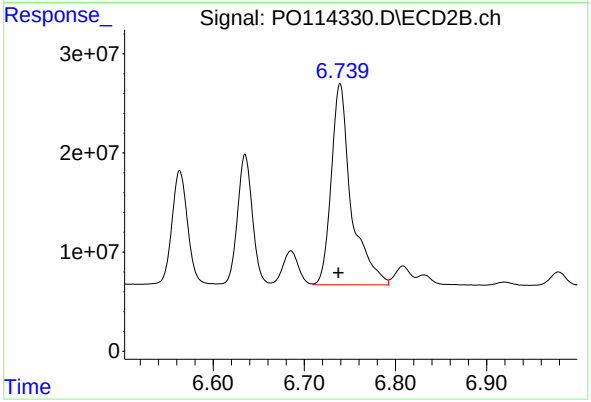
R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 246402938
Conc: 924.59 ng/ml



#30 AR-1254-5

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 221022379
Conc: 953.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 309302184
Conc: 929.37 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:44
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: Oct 10 03:54:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 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...	4.355	3.659	449.1E6	339.1E6	74.192	73.318
2)	SA Decachlor...	9.934	8.668	292.2E6	286.2E6	74.230	72.919
	Target Compounds						
26)	L6 AR-1254-1	6.335	5.543	135.2E6	194.3E6	741.355	718.619
27)	L6 AR-1254-2	6.551	5.690	192.9E6	171.7E6	723.920	717.689
28)	L6 AR-1254-3	6.910	6.093	216.1E6	265.5E6	736.614	724.827
29)	L6 AR-1254-4	7.191	6.320	181.3E6	192.7E6	730.316	722.916
30)	L6 AR-1254-5	7.605	6.738	172.5E6	242.0E6	744.298	727.094

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

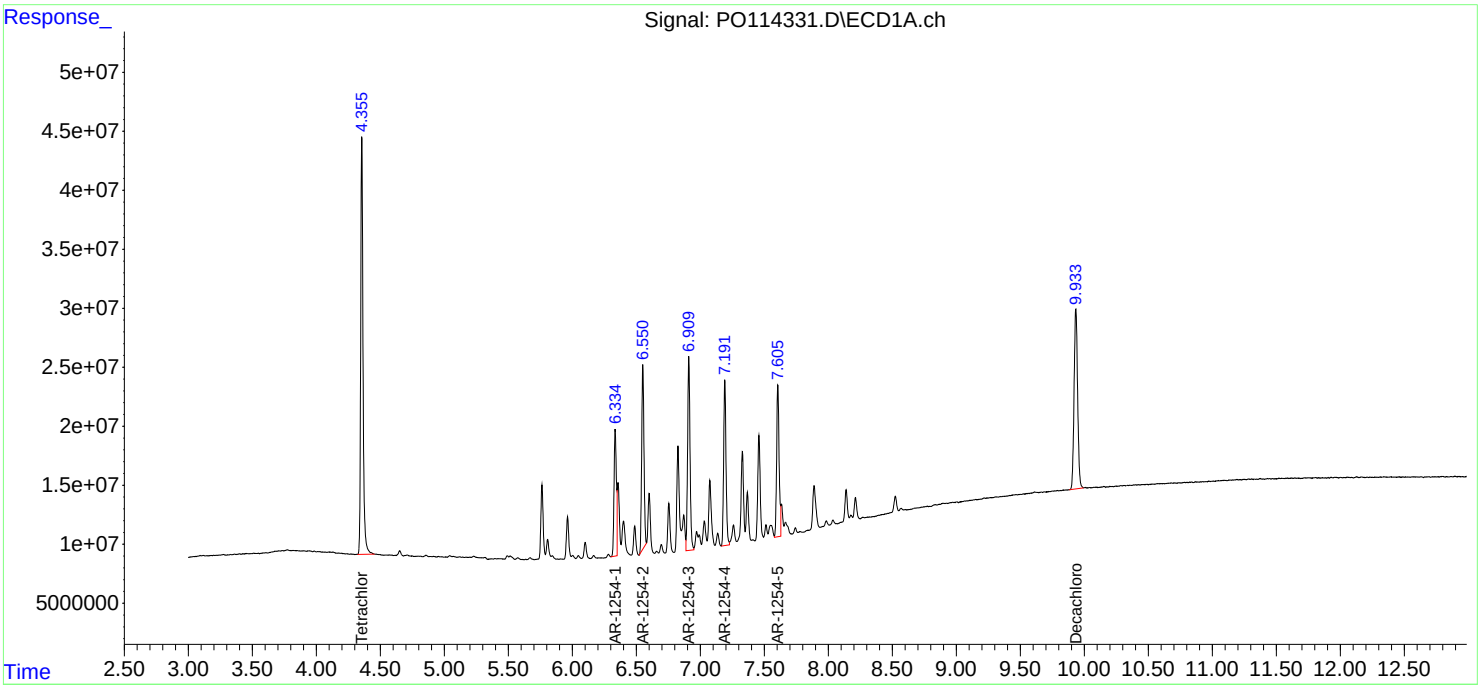
ICAL Form

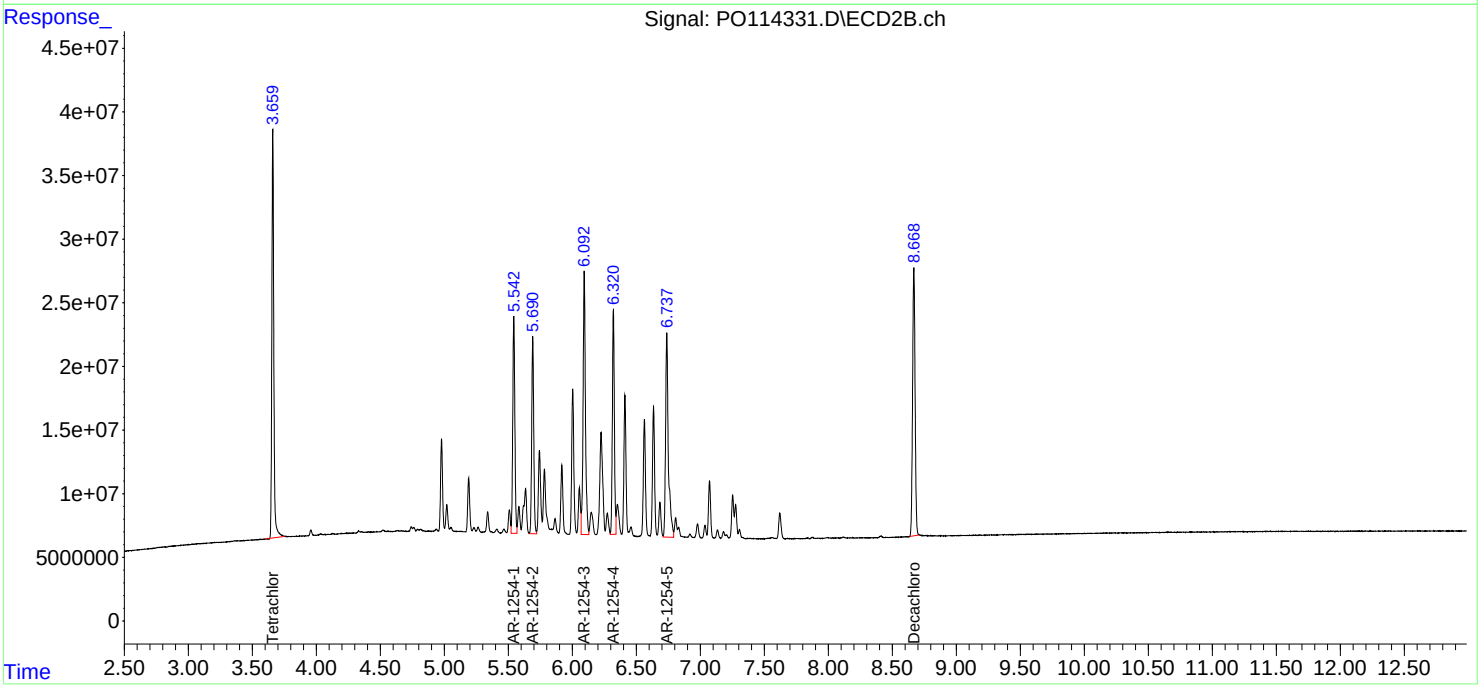
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:44
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

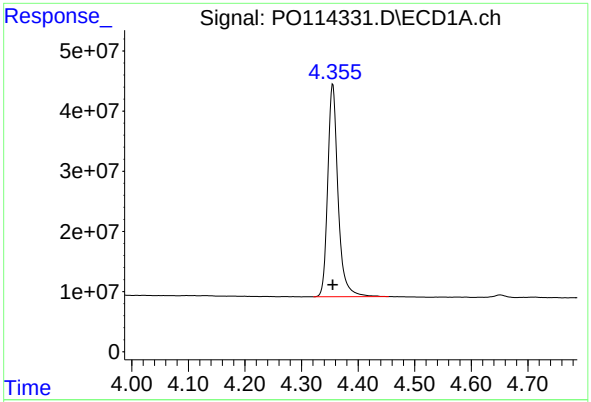
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:54:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 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



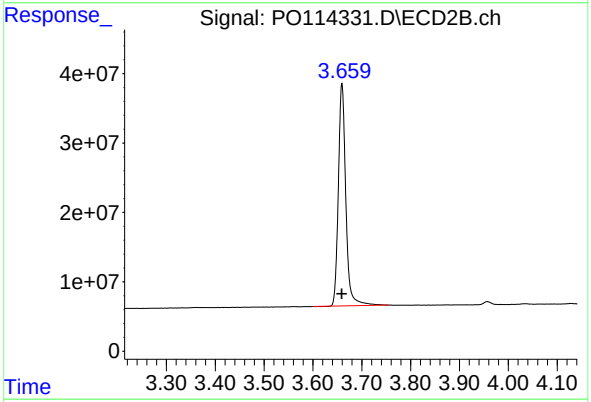




#1 Tetrachloro-m-xylene

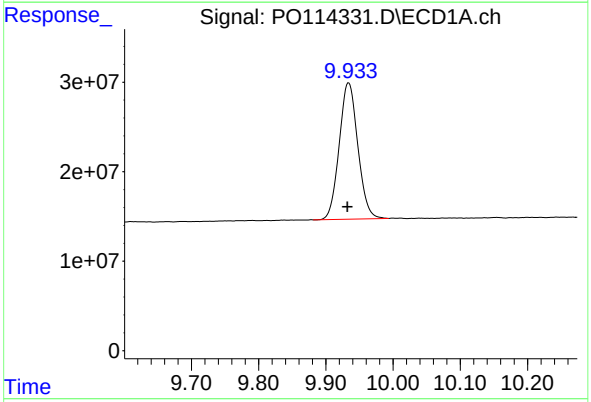
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 449122702
Conc: 74.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



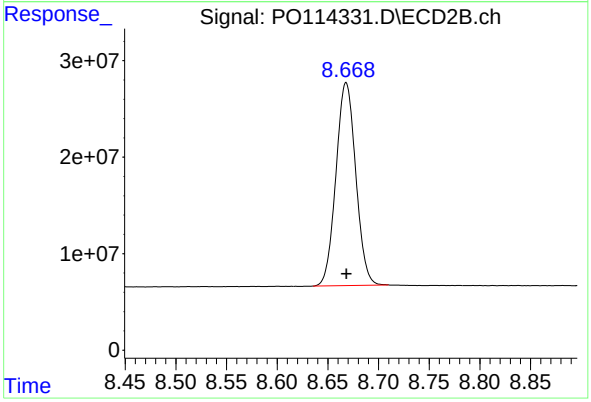
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 339052802
Conc: 73.32 ng/ml



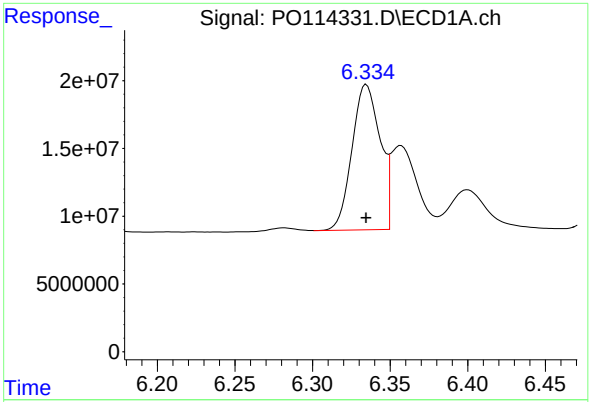
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.002 min
Response: 292240642
Conc: 74.23 ng/ml



#2 Decachlorobiphenyl

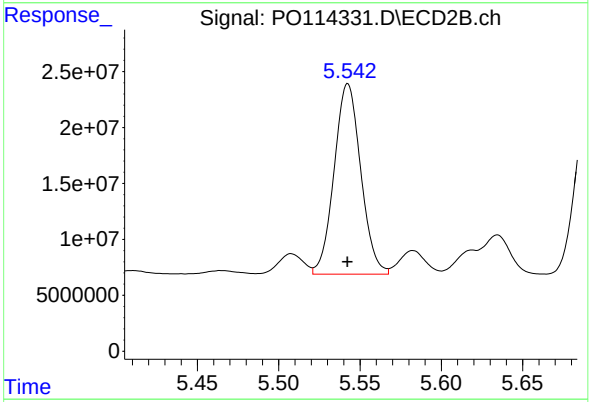
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 286215915
Conc: 72.92 ng/ml



#26 AR-1254-1

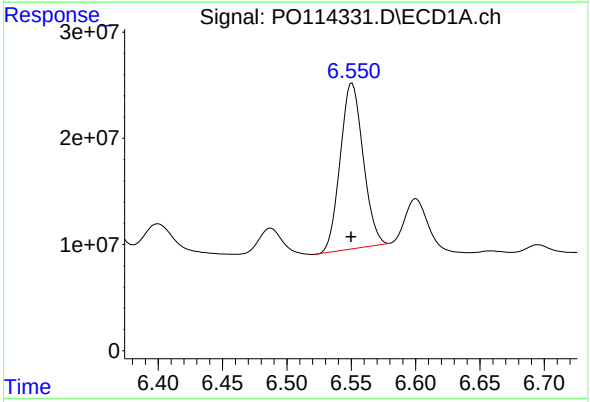
R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 135168339
Conc: 741.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



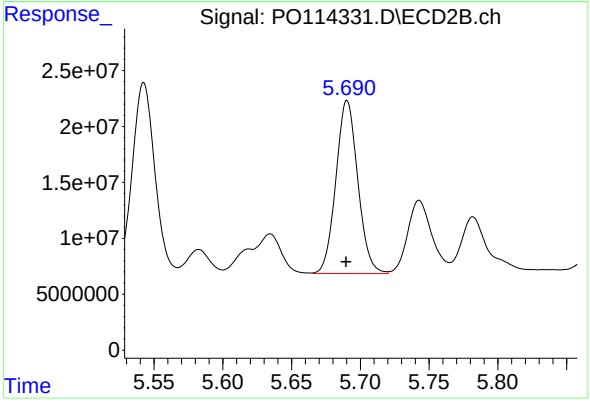
#26 AR-1254-1

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 194286451
Conc: 718.62 ng/ml



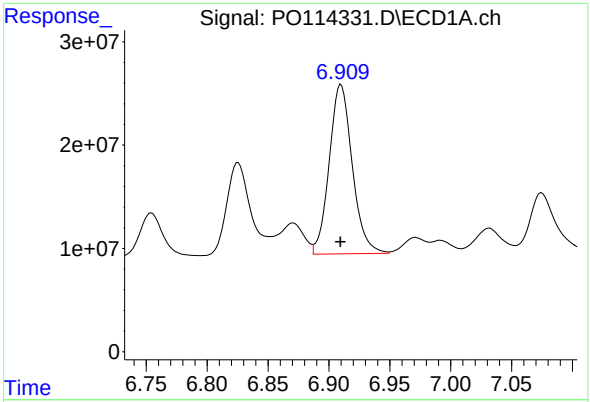
#27 AR-1254-2

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 192873083
Conc: 723.92 ng/ml



#27 AR-1254-2

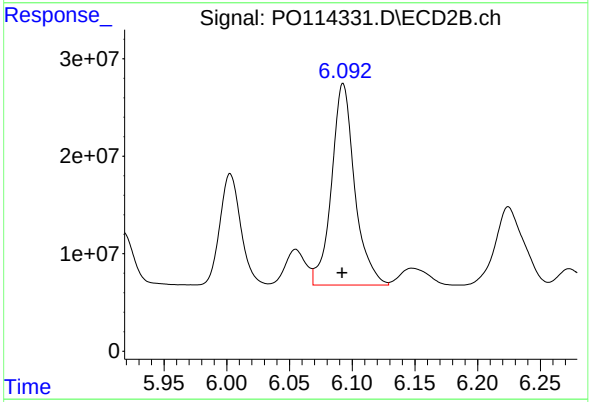
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 171706106
Conc: 717.69 ng/ml



#28 AR-1254-3

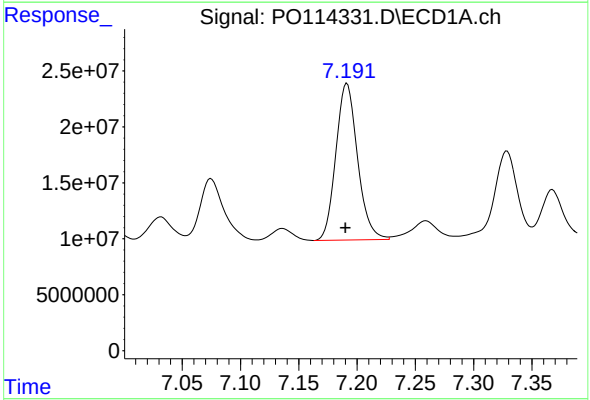
R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 216076284
Conc: 736.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



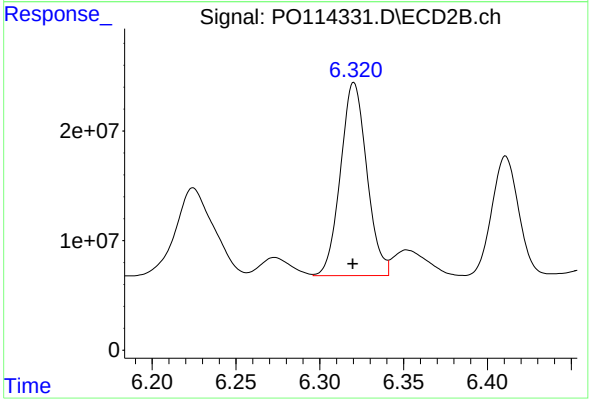
#28 AR-1254-3

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 265462698
Conc: 724.83 ng/ml



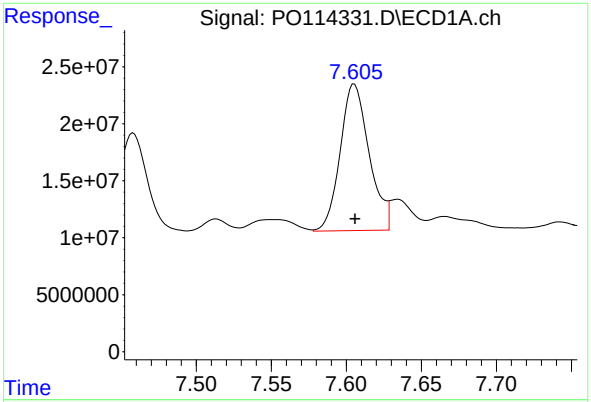
#29 AR-1254-4

R.T.: 7.191 min
Delta R.T.: 0.001 min
Response: 181345096
Conc: 730.32 ng/ml



#29 AR-1254-4

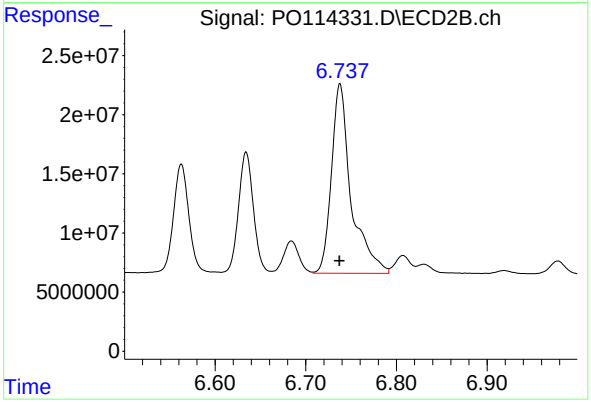
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 192655826
Conc: 722.92 ng/ml



#30 AR-1254-5

R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 172536222
Conc: 744.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 241982023
Conc: 727.09 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:02
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: Oct 10 03:54:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 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...	4.355	3.659	302.7E6	231.2E6	50.000	50.000
2)	SA Decachlor...	9.932	8.668	196.8E6	196.3E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.334	5.542	91163068	135.2E6	500.000	500.000
27)	L6 AR-1254-2	6.550	5.690	133.2E6	119.6E6	500.000	500.000
28)	L6 AR-1254-3	6.909	6.092	146.7E6	183.1E6	500.000	500.000
29)	L6 AR-1254-4	7.190	6.320	124.2E6	133.2E6	500.000	500.000
30)	L6 AR-1254-5	7.606	6.737	115.9E6	166.4E6	500.000	500.000

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

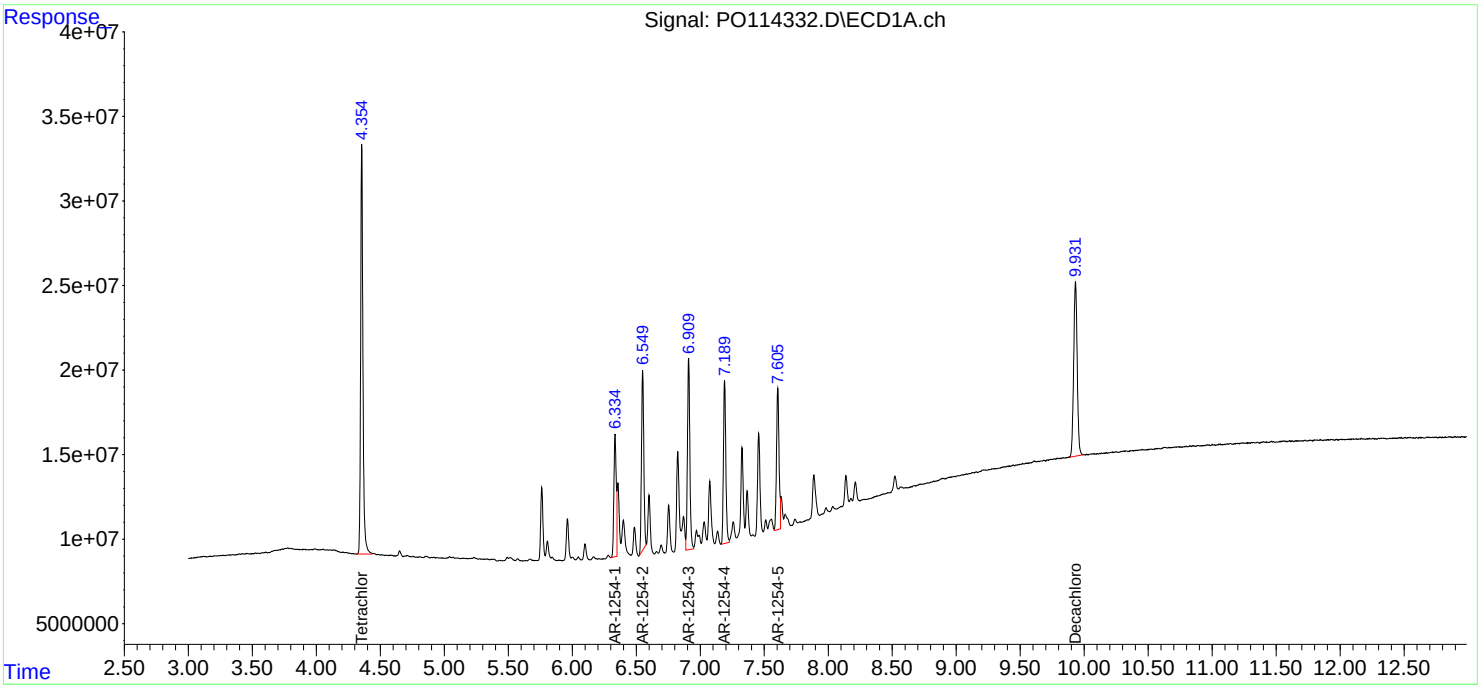
ICAL Form

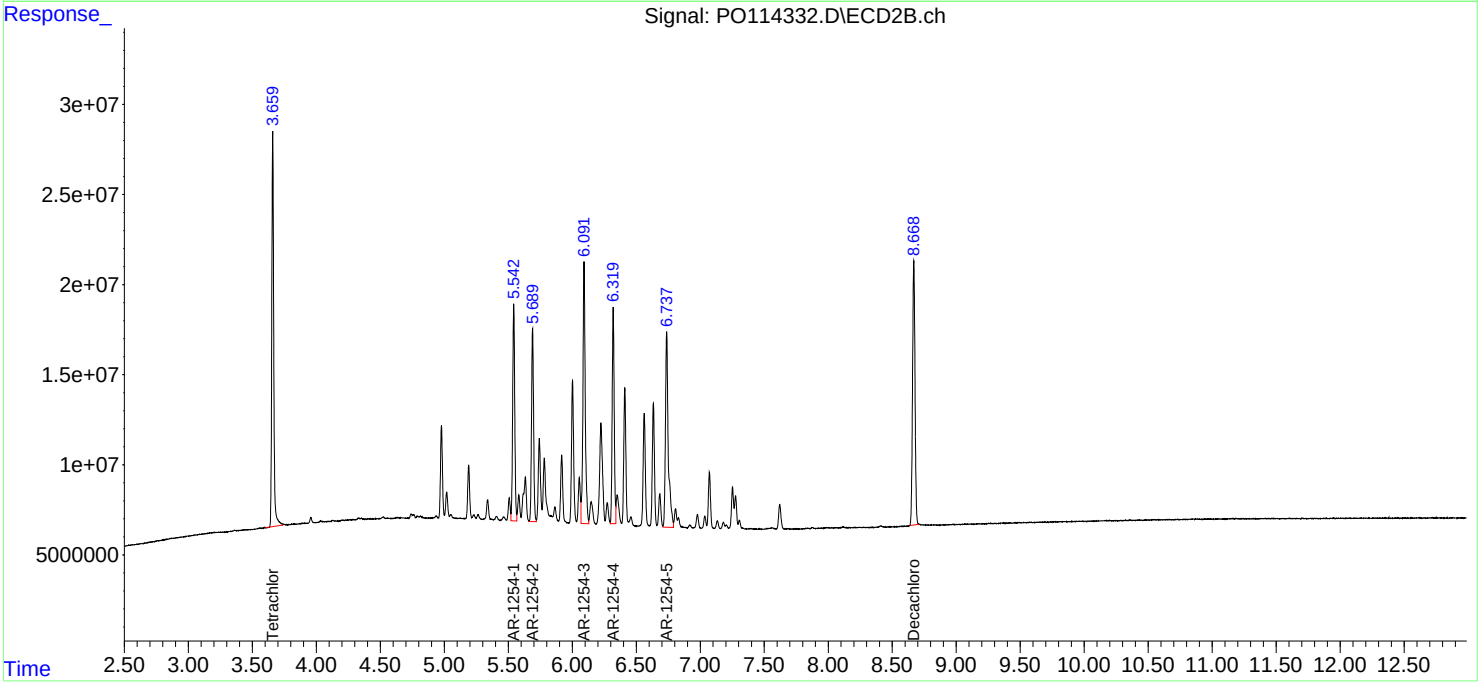
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:02
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

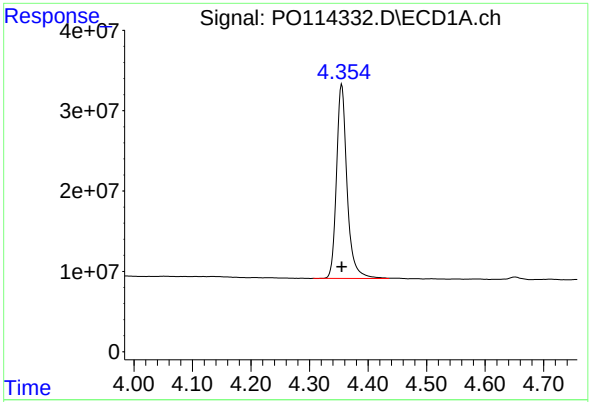
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:54:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 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



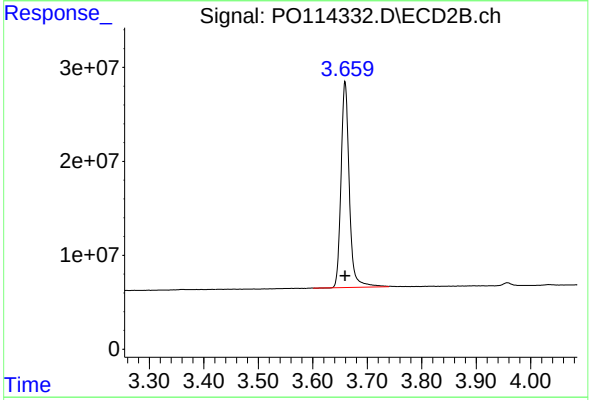




#1 Tetrachloro-m-xylene

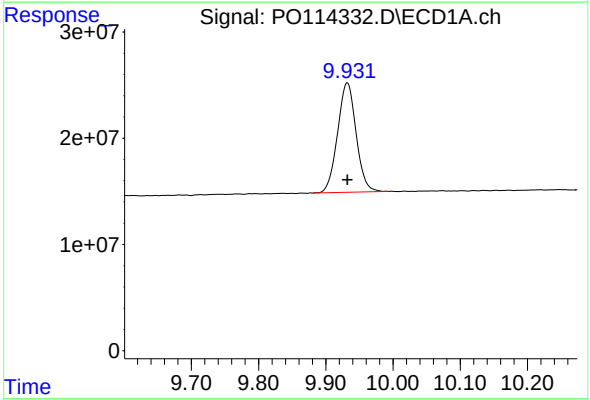
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 302674203
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



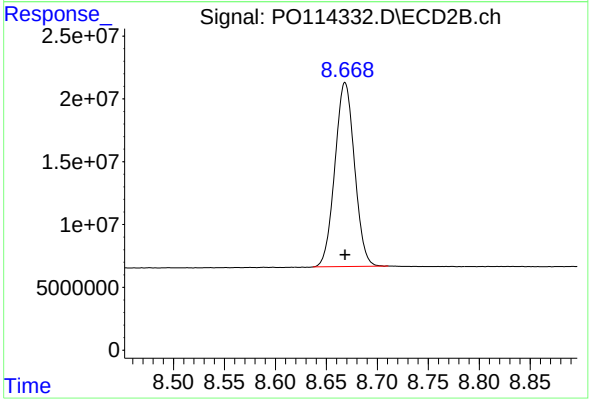
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 231222053
Conc: 50.00 ng/ml



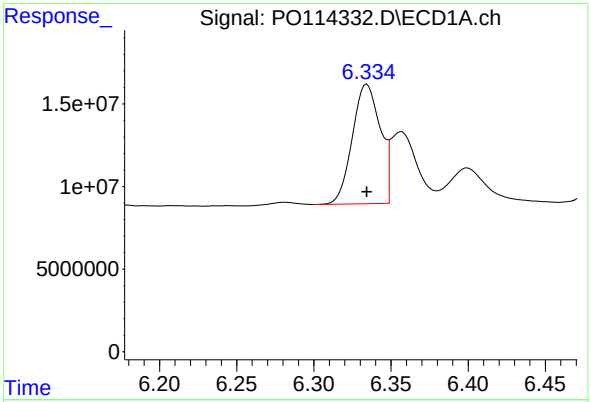
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 196846928
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

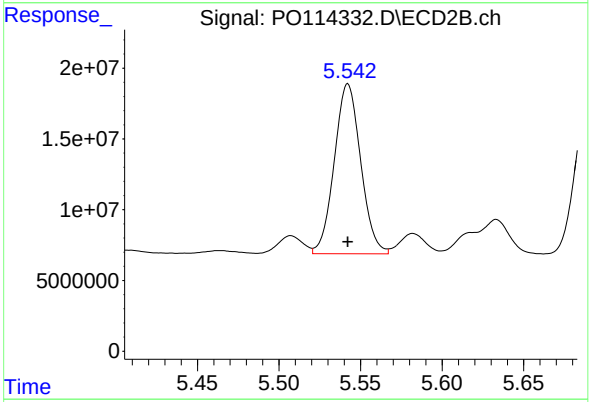
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 196256460
Conc: 50.00 ng/ml



#26 AR-1254-1

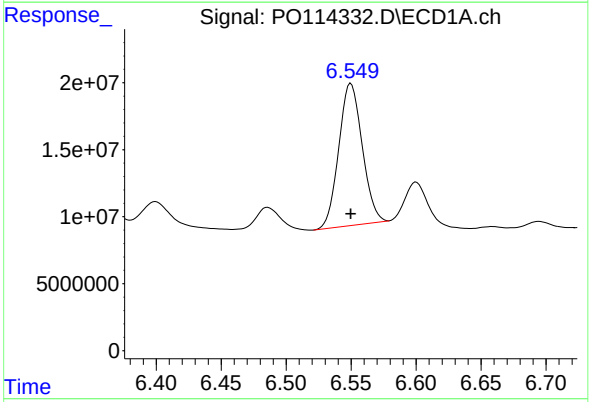
R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 91163068
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



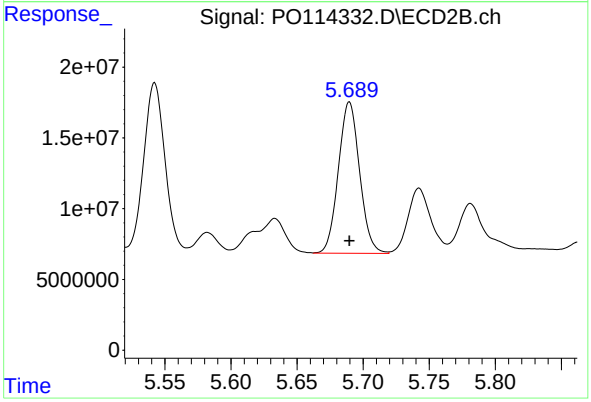
#26 AR-1254-1

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 135180504
Conc: 500.00 ng/ml



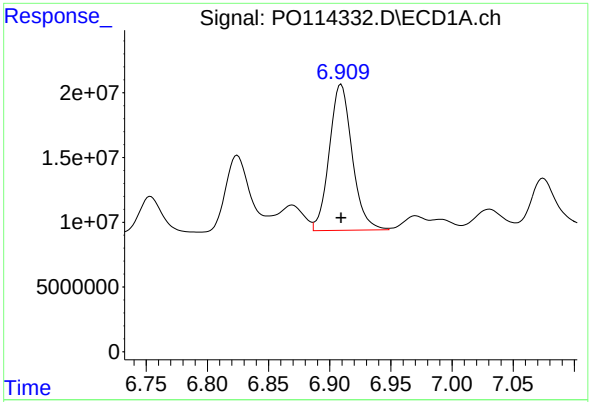
#27 AR-1254-2

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 133214296
Conc: 500.00 ng/ml



#27 AR-1254-2

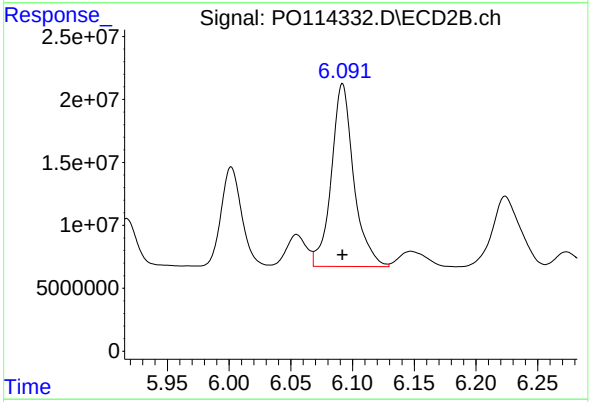
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 119624254
Conc: 500.00 ng/ml



#28 AR-1254-3

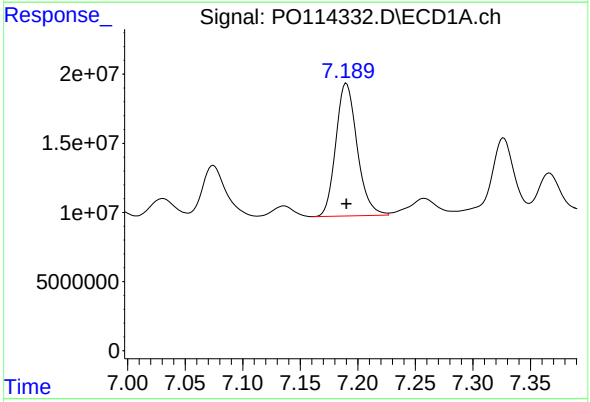
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 146668522
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



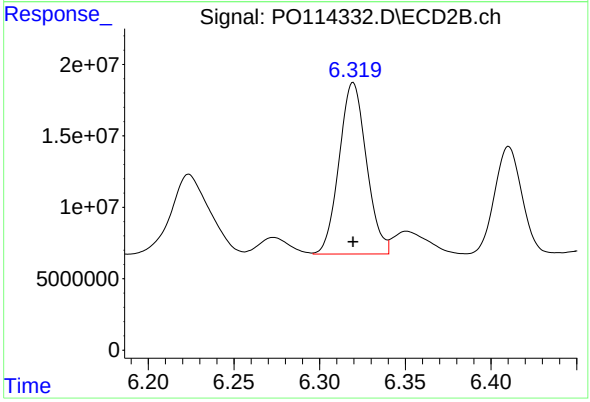
#28 AR-1254-3

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 183121335
Conc: 500.00 ng/ml



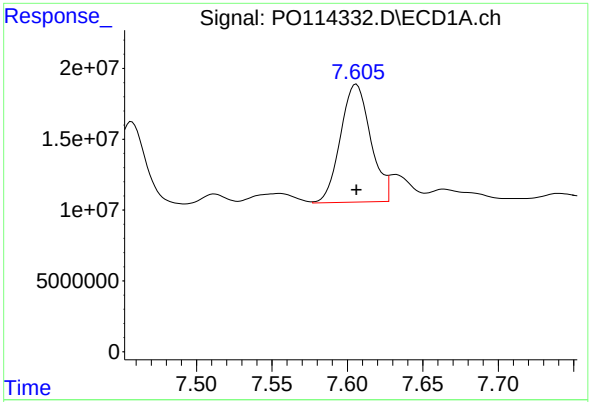
#29 AR-1254-4

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 124155203
Conc: 500.00 ng/ml



#29 AR-1254-4

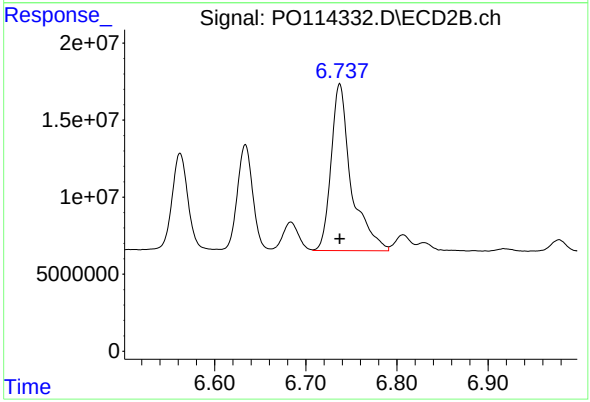
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 133249170
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 115905284
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 166403488
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:21
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: Oct 10 03:54:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 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...	4.355	3.659	149.0E6	114.0E6	24.618	24.652
2)	SA Decachlor...	9.931	8.668	96523974	98728187	24.518	25.153
	Target Compounds						
26)	L6 AR-1254-1	6.335	5.542	44764883	69827362	245.521	258.275
27)	L6 AR-1254-2	6.550	5.689	65766617	62387770	246.845	260.766
28)	L6 AR-1254-3	6.909	6.092	73435388	92153622	250.345	251.619
29)	L6 AR-1254-4	7.191	6.320	60625008	66874748	244.150	250.939
30)	L6 AR-1254-5	7.606	6.737	56151918	82746779	242.232	248.633

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

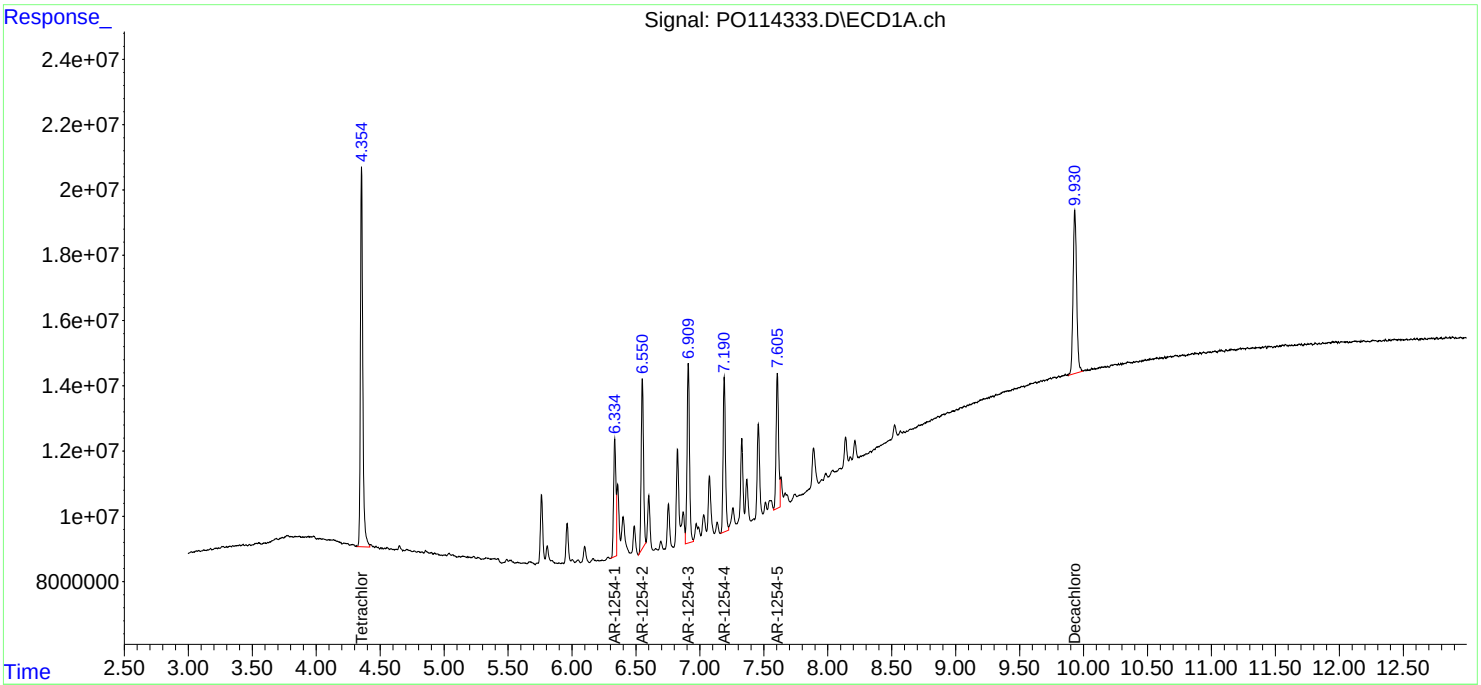
ICAL Form

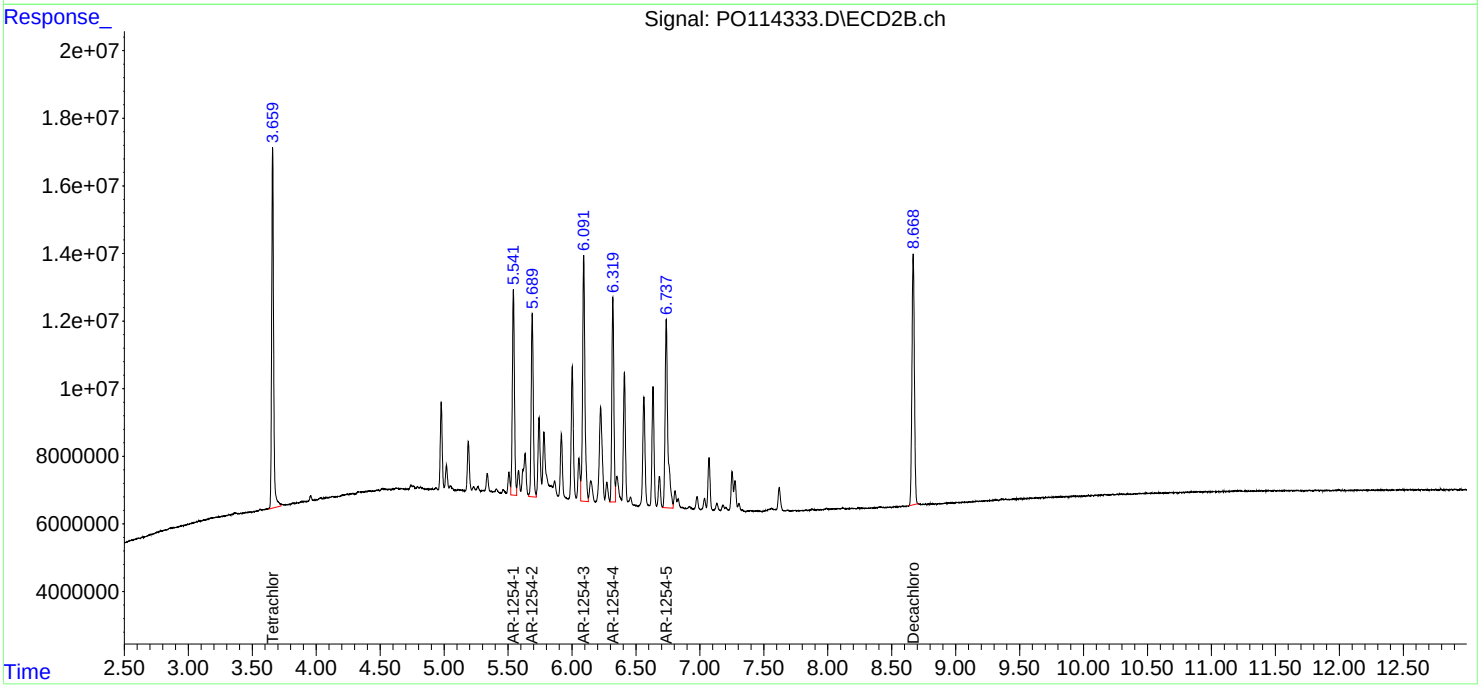
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:21
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

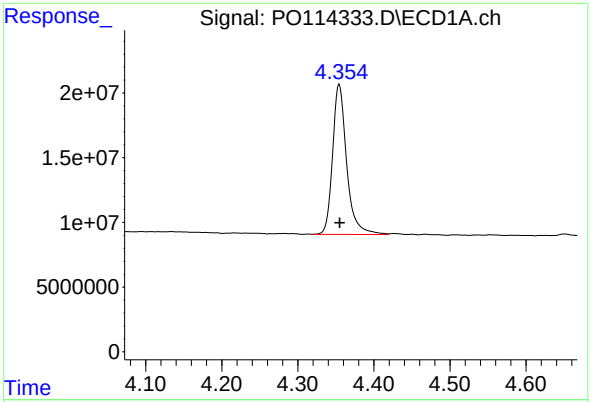
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:54:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 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



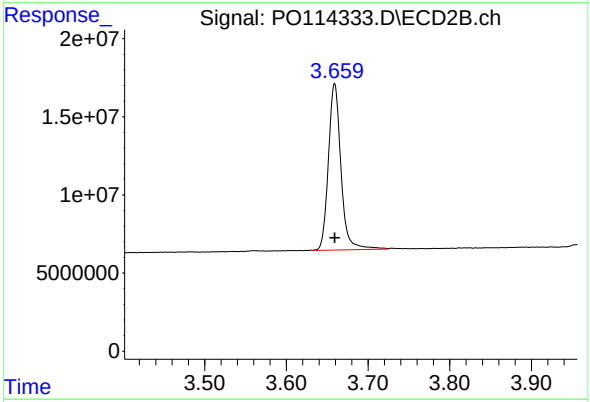




#1 Tetrachloro-m-xylene

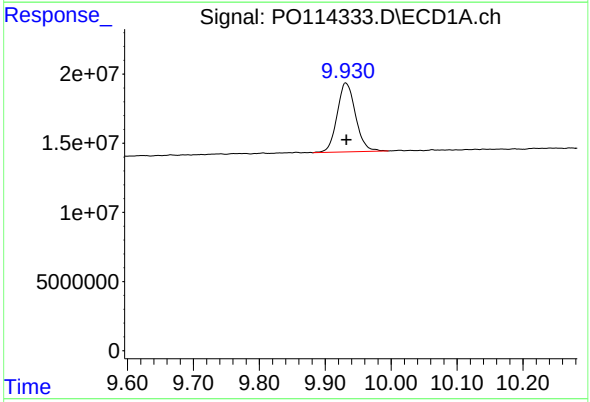
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 149022157
Conc: 24.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



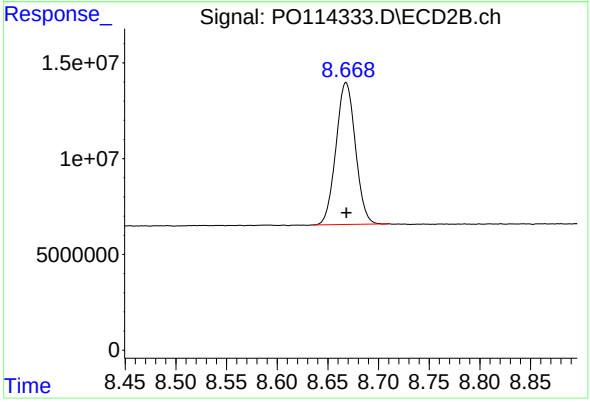
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 114003167
Conc: 24.65 ng/ml



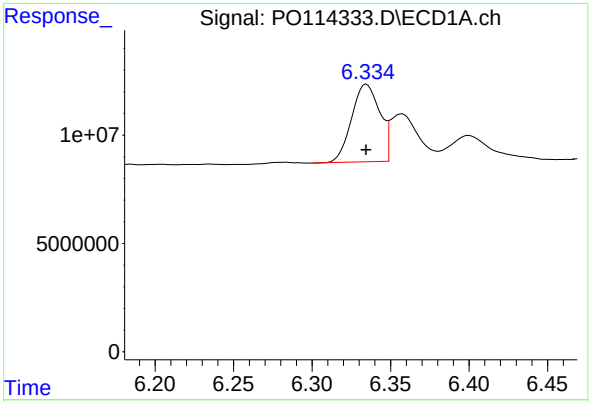
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 96523974
Conc: 24.52 ng/ml



#2 Decachlorobiphenyl

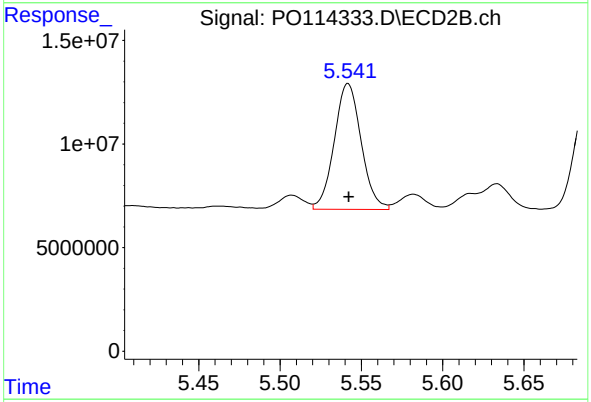
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 98728187
Conc: 25.15 ng/ml



#26 AR-1254-1

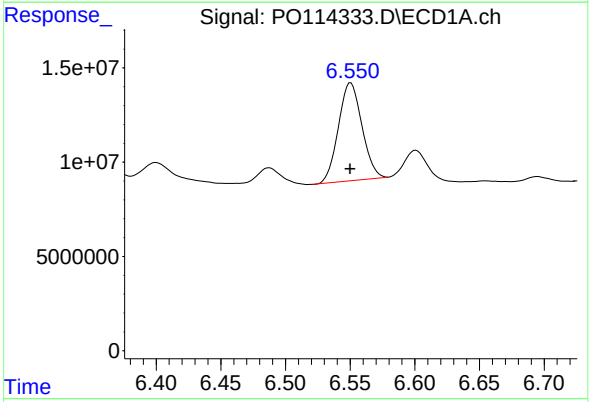
R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 44764883
Conc: 245.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



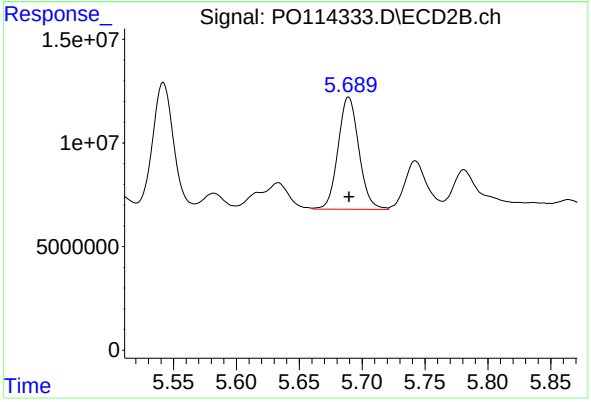
#26 AR-1254-1

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 69827362
Conc: 258.27 ng/ml



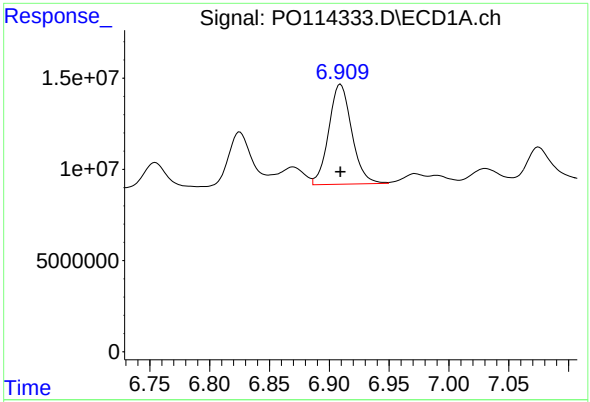
#27 AR-1254-2

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 65766617
Conc: 246.85 ng/ml



#27 AR-1254-2

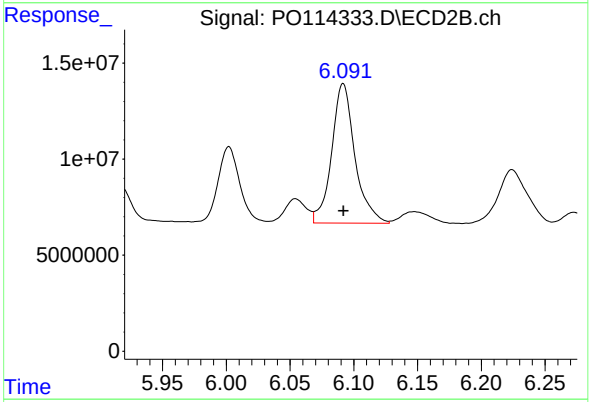
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 62387770
Conc: 260.77 ng/ml



#28 AR-1254-3

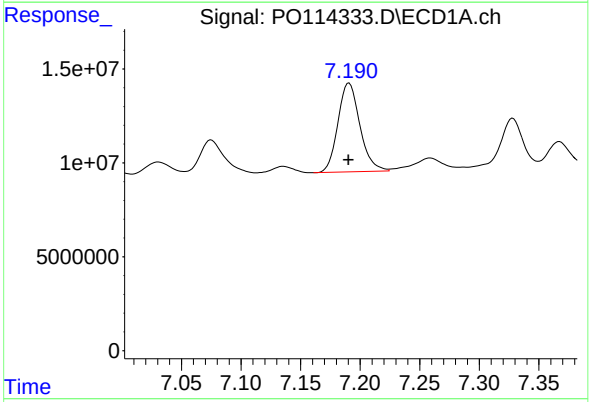
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 73435388
Conc: 250.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



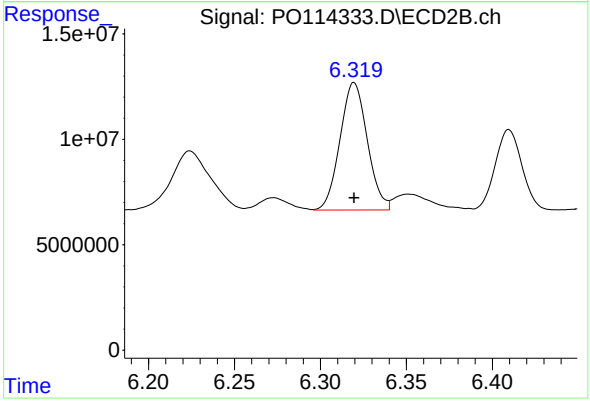
#28 AR-1254-3

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 92153622
Conc: 251.62 ng/ml



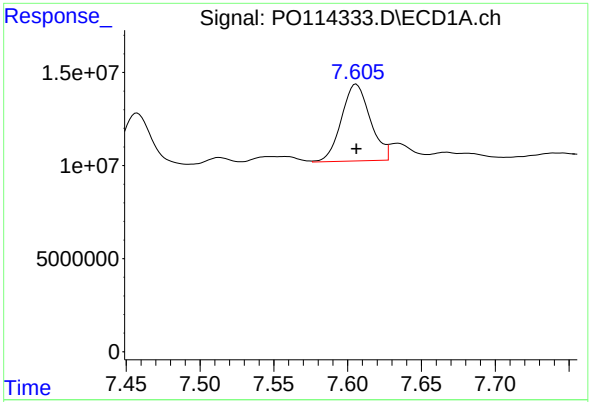
#29 AR-1254-4

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 60625008
Conc: 244.15 ng/ml



#29 AR-1254-4

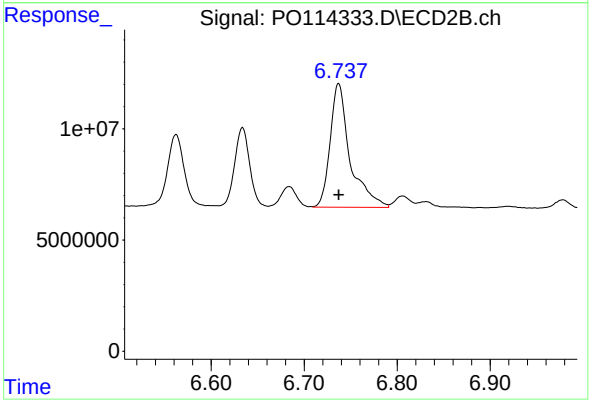
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 66874748
Conc: 250.94 ng/ml



#30 AR-1254-5

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 56151918
Conc: 242.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 82746779
Conc: 248.63 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:39
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:55:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 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...	4.356	3.659	26494210	20588649	4.377	4.452
2)	SA Decachlor...	9.932	8.667	17256664	18571929	4.383	4.732
	Target Compounds						
26)	L6 AR-1254-1	6.336	5.542	7937735	13626458	43.536	50.401
27)	L6 AR-1254-2	6.552	5.690	11913500	12711316	44.716	53.130
28)	L6 AR-1254-3	6.910	6.092	14527805	17155096	49.526	46.841
29)	L6 AR-1254-4	7.192	6.321	10910505	12675430	43.939	47.563
30)	L6 AR-1254-5	7.607	6.738	9494506	15263939	40.958	45.864

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

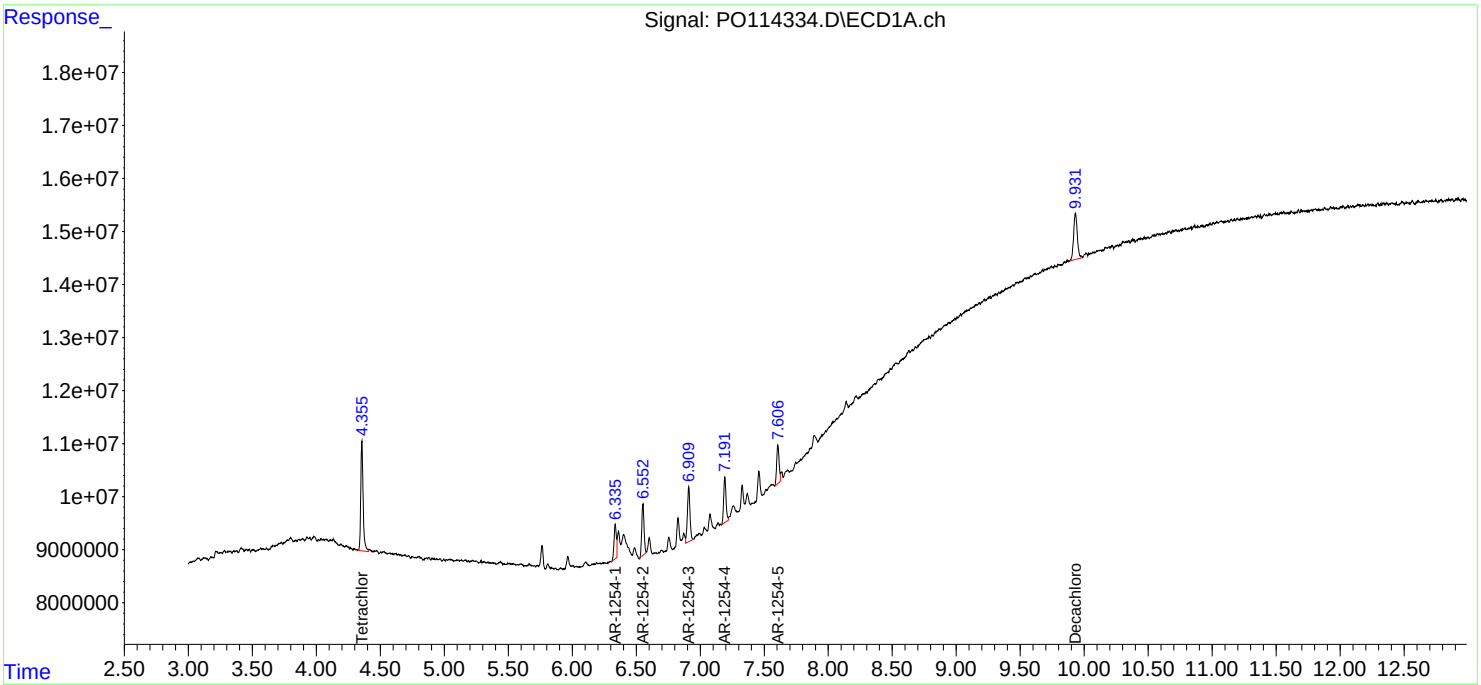
ICAL Form

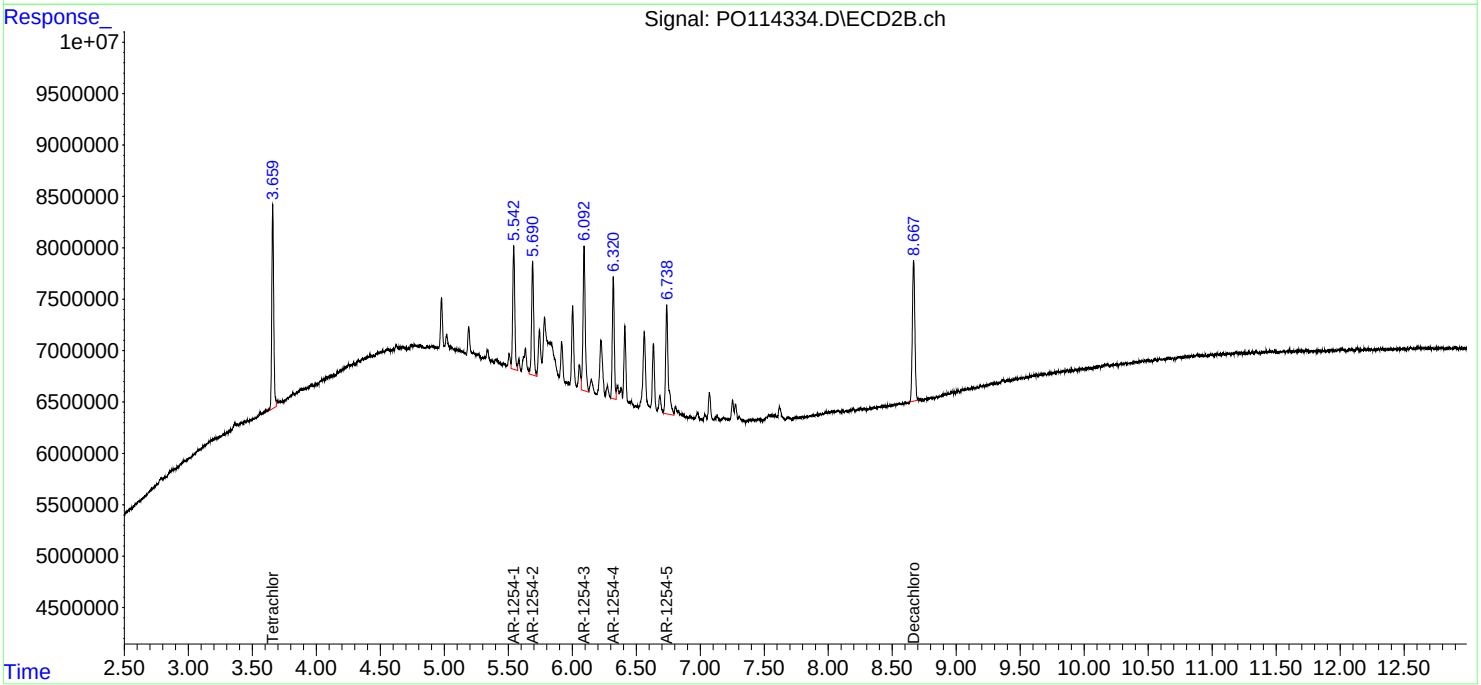
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:39
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

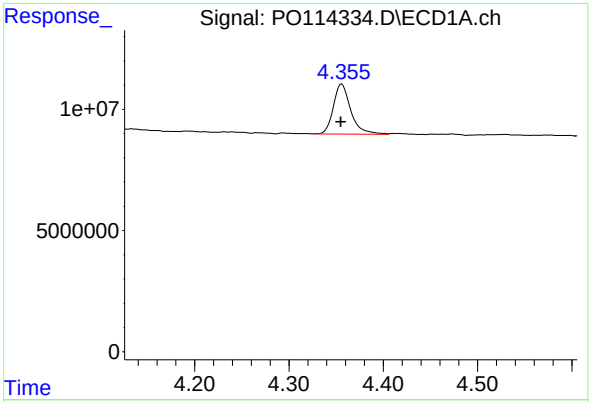
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:55:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 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



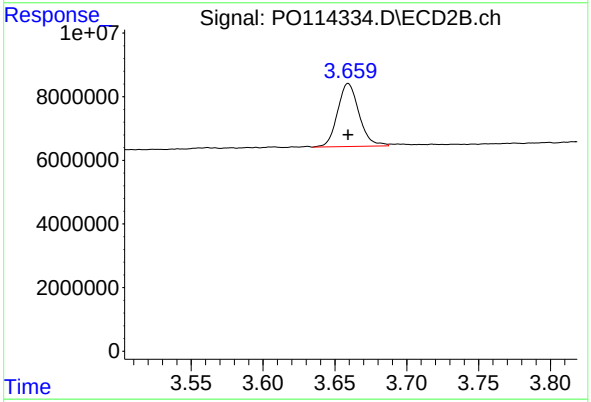




#1 Tetrachloro-m-xylene

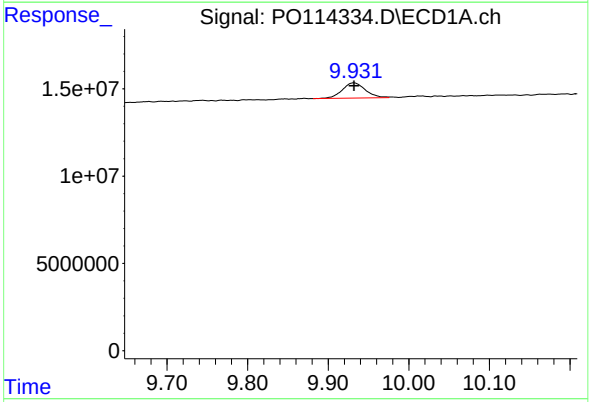
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 26494210
Conc: 4.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



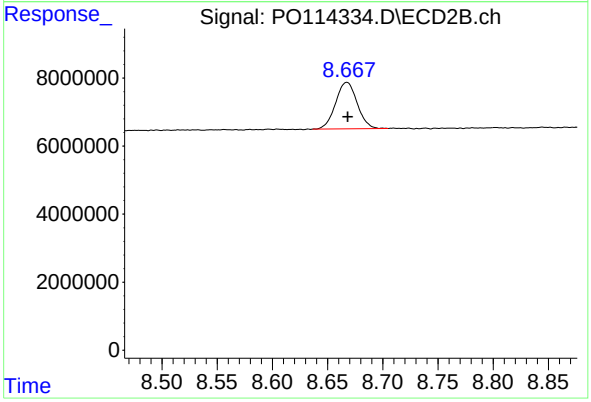
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 20588649
Conc: 4.45 ng/ml



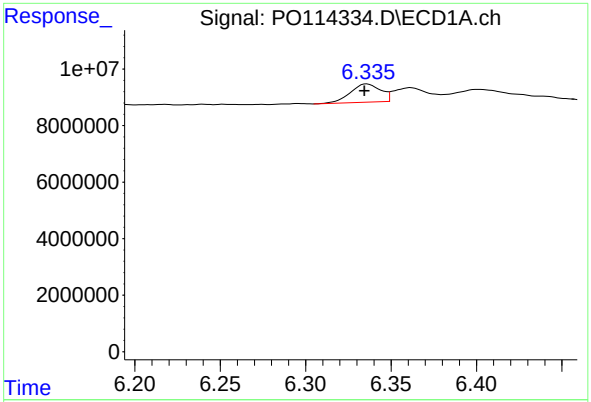
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 17256664
Conc: 4.38 ng/ml



#2 Decachlorobiphenyl

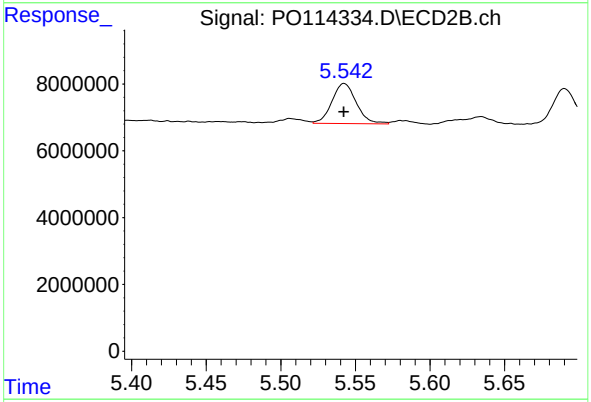
R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 18571929
Conc: 4.73 ng/ml



#26 AR-1254-1

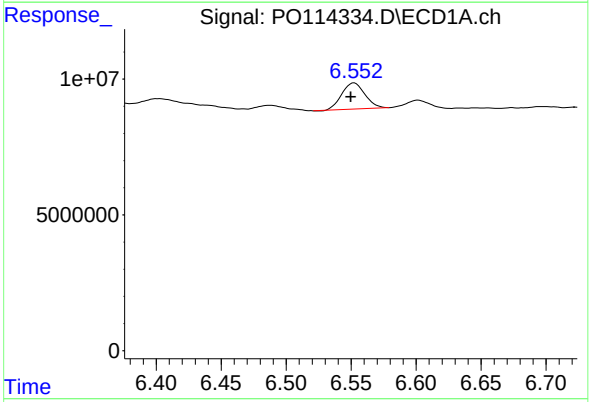
R.T.: 6.336 min
Delta R.T.: 0.001 min
Response: 7937735
Conc: 43.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



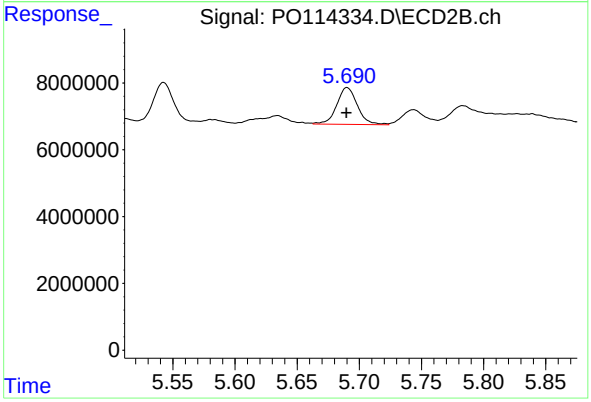
#26 AR-1254-1

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 13626458
Conc: 50.40 ng/ml



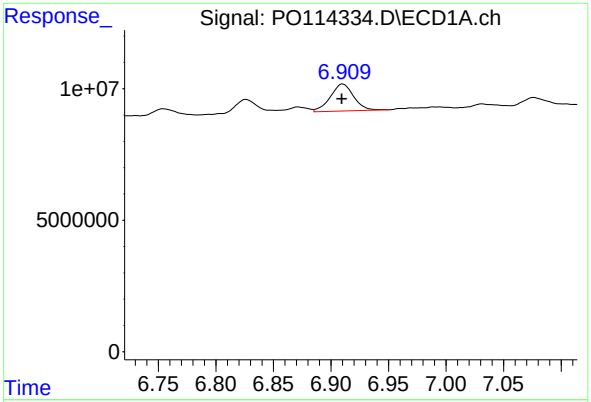
#27 AR-1254-2

R.T.: 6.552 min
Delta R.T.: 0.003 min
Response: 11913500
Conc: 44.72 ng/ml



#27 AR-1254-2

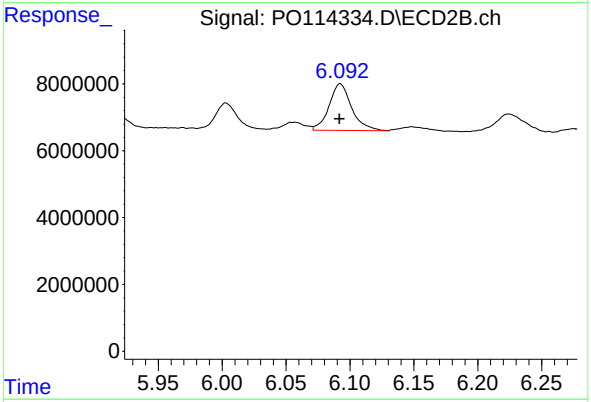
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 12711316
Conc: 53.13 ng/ml



#28 AR-1254-3

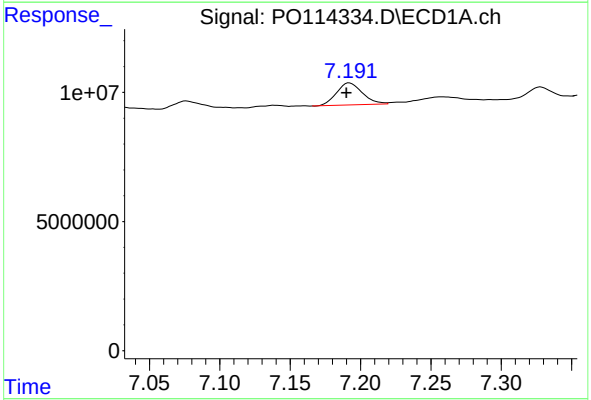
R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 14527805
Conc: 49.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



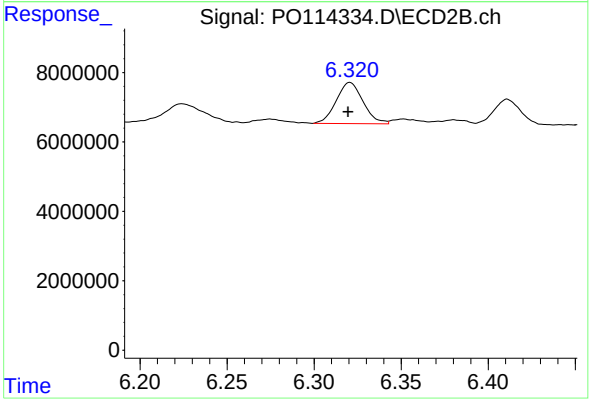
#28 AR-1254-3

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 17155096
Conc: 46.84 ng/ml



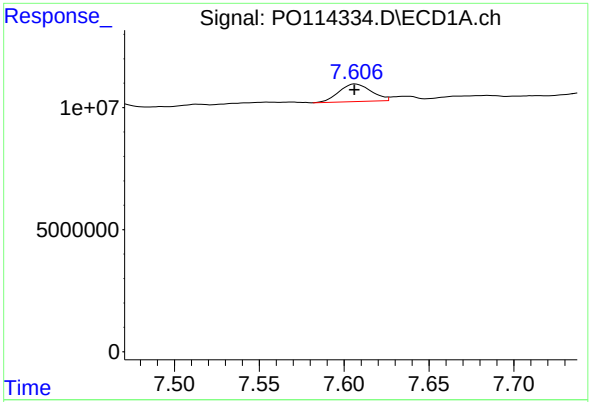
#29 AR-1254-4

R.T.: 7.192 min
Delta R.T.: 0.002 min
Response: 10910505
Conc: 43.94 ng/ml



#29 AR-1254-4

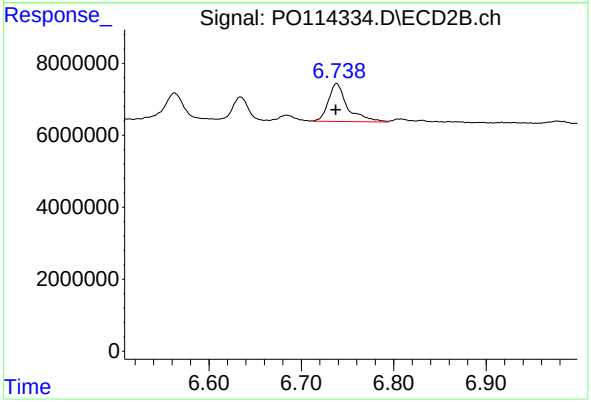
R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 12675430
Conc: 47.56 ng/ml



#30 AR-1254-5

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 9494506
Conc: 40.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 15263939
Conc: 45.86 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:57
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: Oct 10 04:20:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:18:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.660	305.7E6	229.9E6	50.000	50.000
2)	SA Decachlor...	9.933	8.669	195.1E6	197.4E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	7.686	6.779	182.6E6	212.8E6	500.000	500.000
37)	L8 AR-1262-2	8.213	7.277	302.3E6	336.7E6	500.000	500.000
38)	L8 AR-1262-3	8.516	7.563	182.7E6	138.4E6	500.000	500.000
39)	L8 AR-1262-4	8.599	7.625	131.8E6	228.3E6	500.000	500.000
40)	L8 AR-1262-5	9.217	8.118	107.4E6	105.4E6	500.000	500.000

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

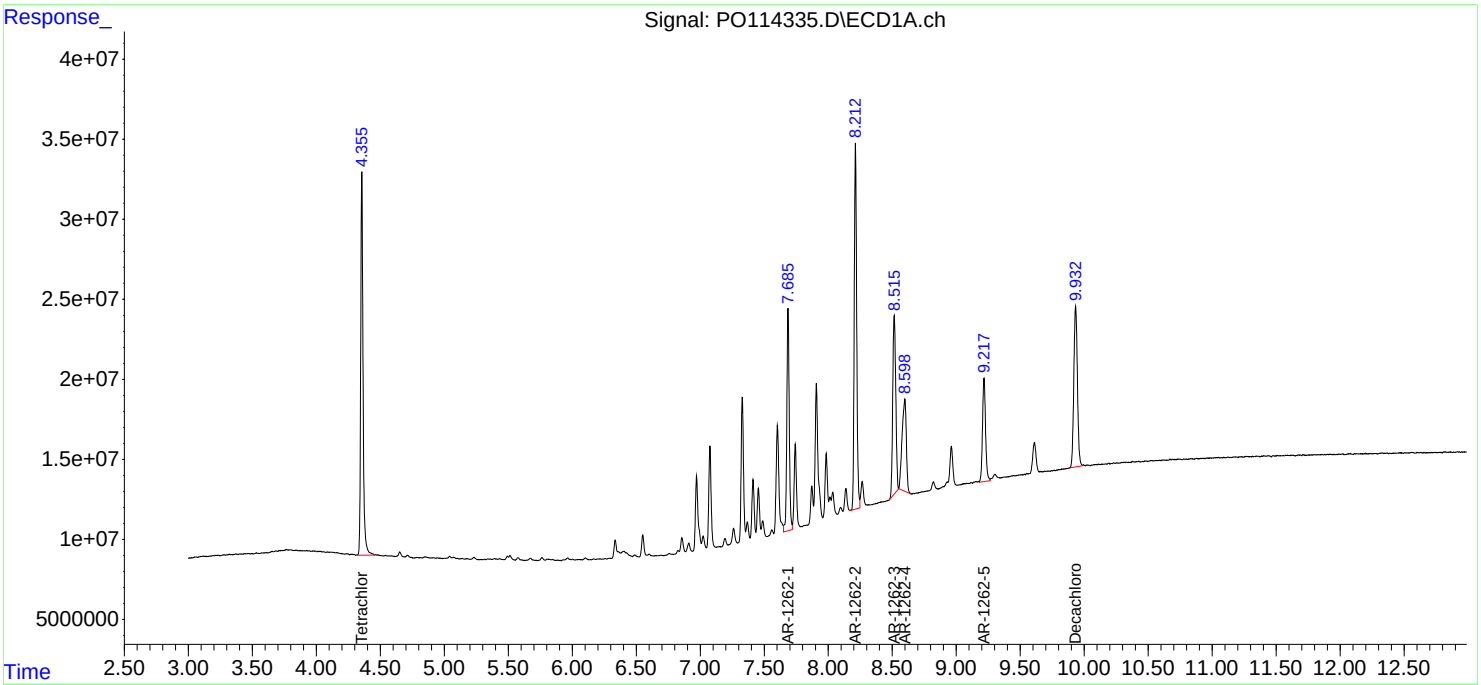
ICAL Form

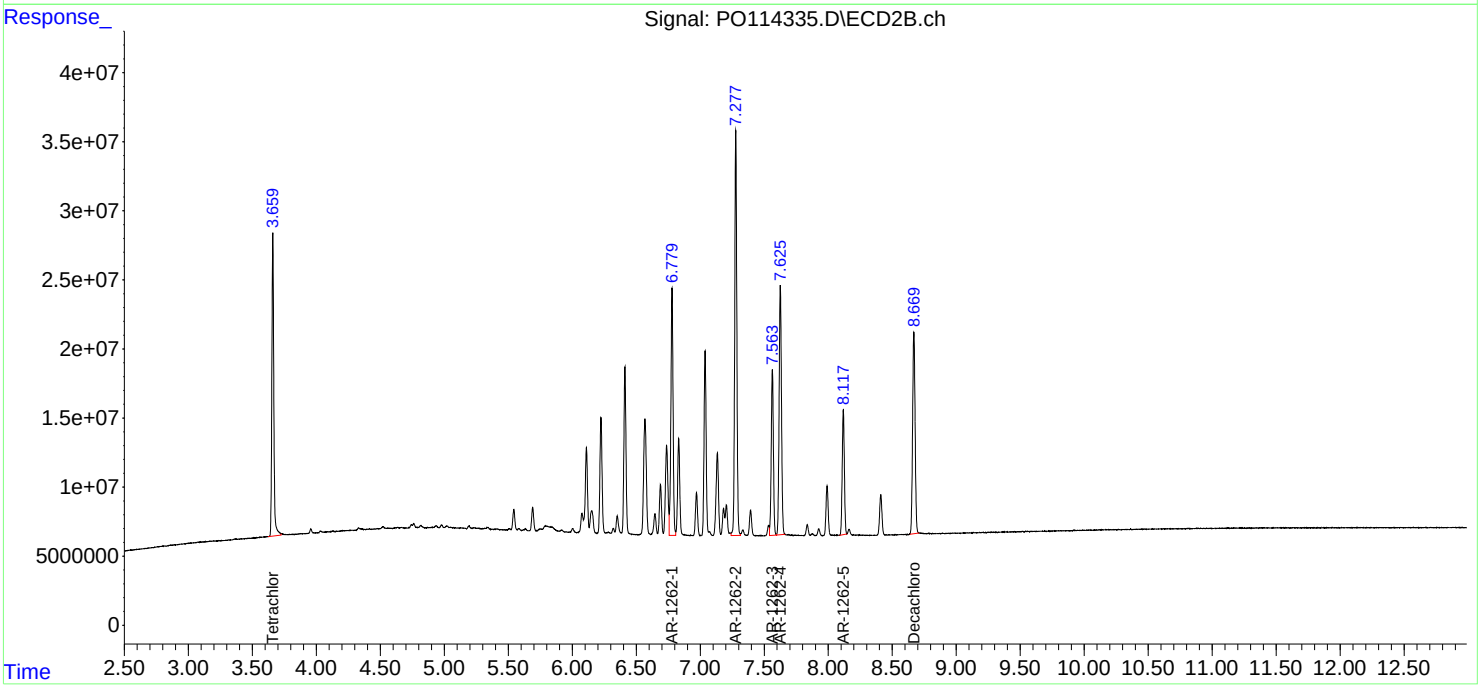
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:57
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

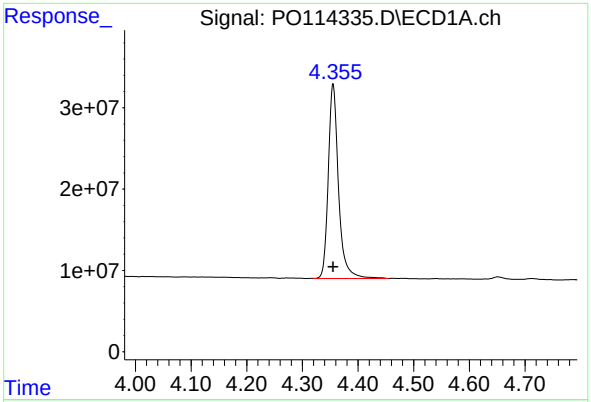
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:20:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:18:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



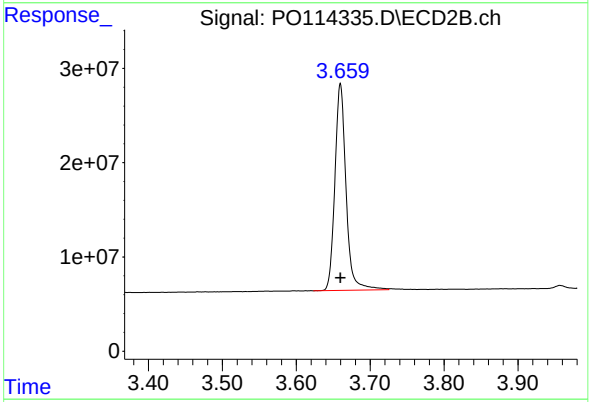




#1 Tetrachloro-m-xylene

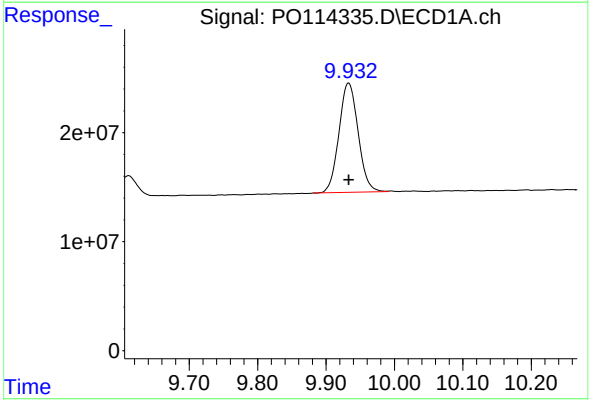
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 305663090
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



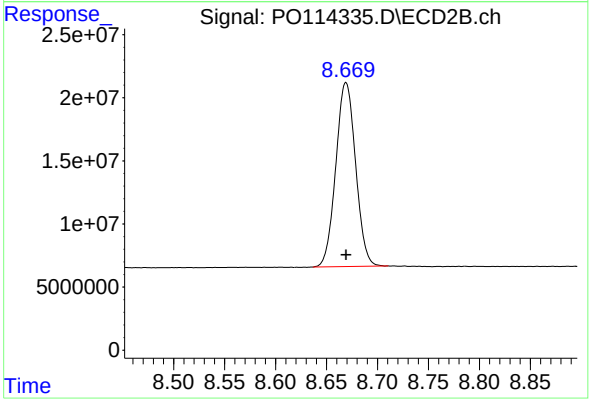
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 229886887
Conc: 50.00 ng/ml



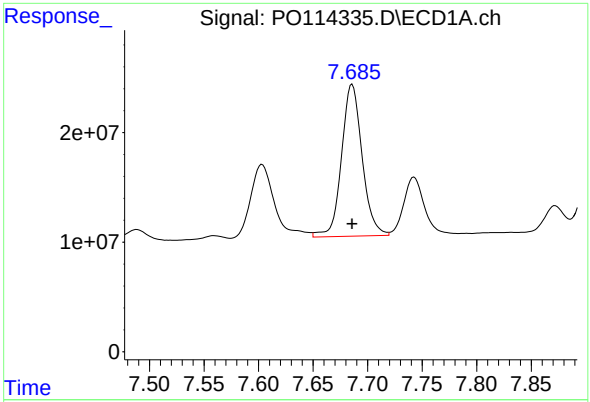
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 195085973
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

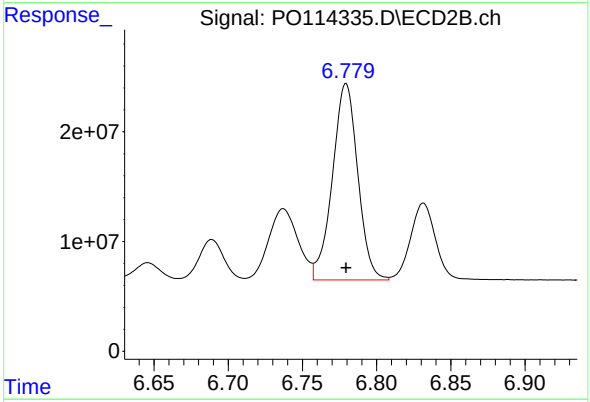
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 197436445
Conc: 50.00 ng/ml



#36 AR-1262-1

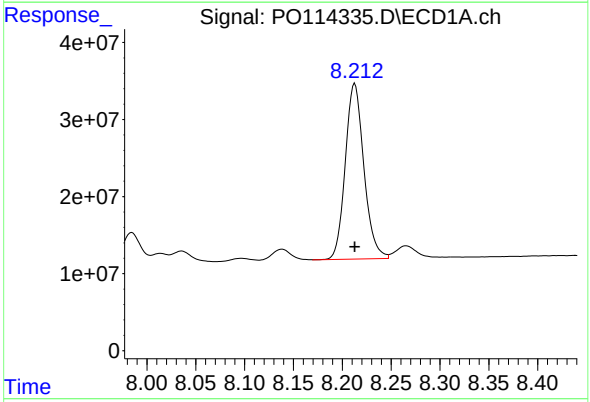
R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 182605667
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



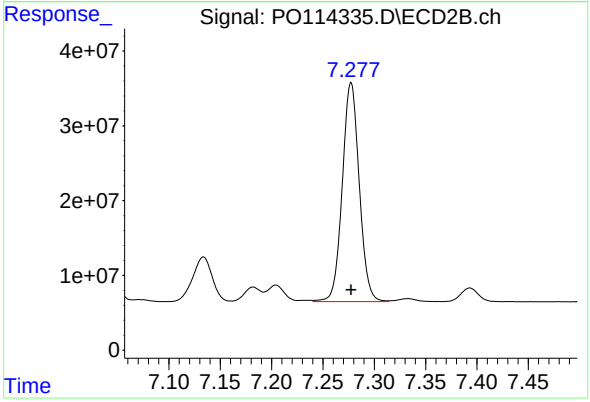
#36 AR-1262-1

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 212827240
Conc: 500.00 ng/ml



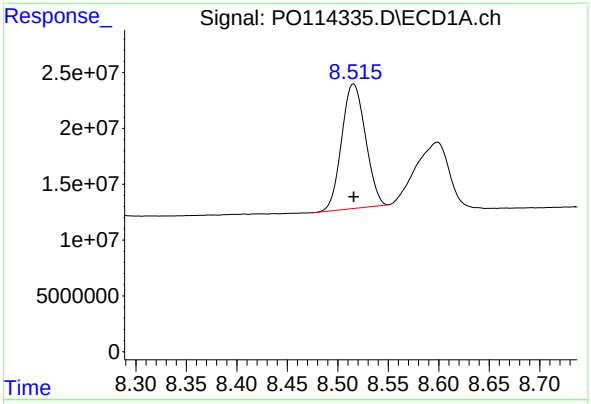
#37 AR-1262-2

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 302341175
Conc: 500.00 ng/ml



#37 AR-1262-2

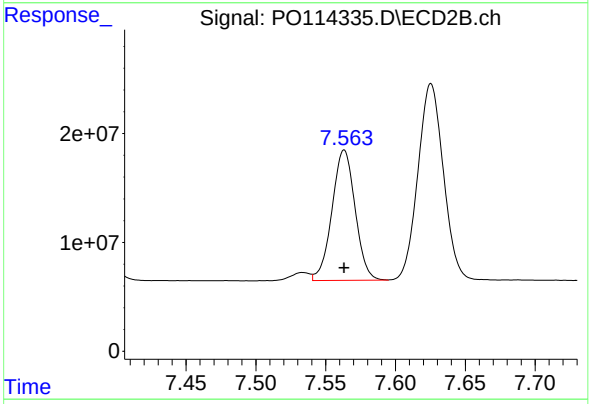
R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 336739178
Conc: 500.00 ng/ml



#38 AR-1262-3

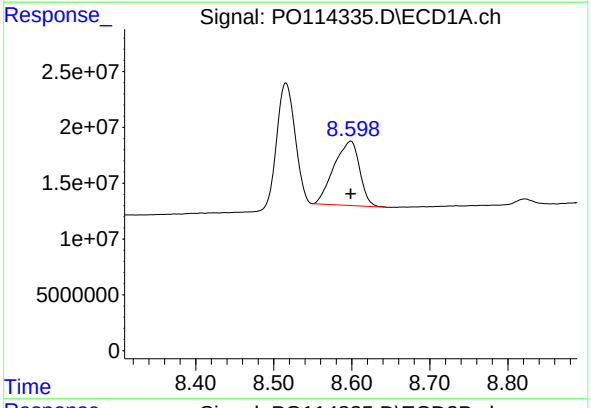
R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 182723850
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



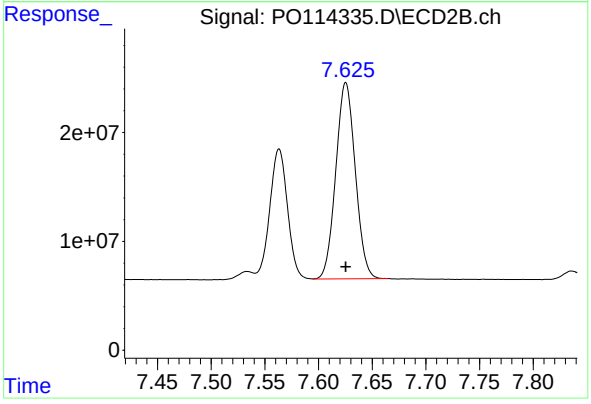
#38 AR-1262-3

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 138444152
Conc: 500.00 ng/ml



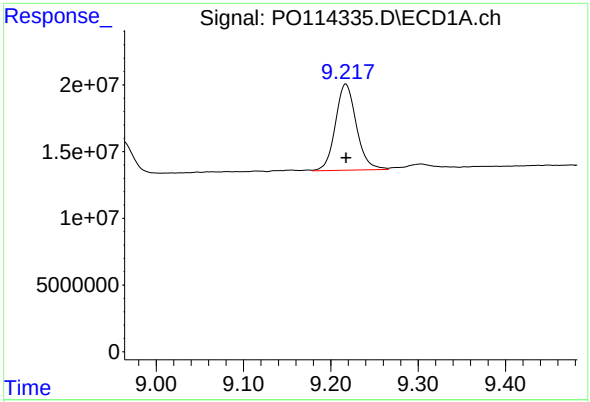
#39 AR-1262-4

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 131806763
Conc: 500.00 ng/ml



#39 AR-1262-4

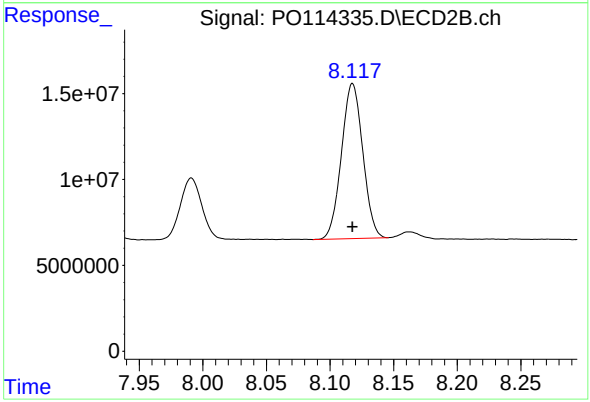
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 228265169
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.217 min
Delta R.T.: 0.000 min
Response: 107426846
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 105389697
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:16
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: Oct 10 04:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 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...	4.355	3.660	613.2E6	464.3E6	96.993	96.886
2)	SA Decachlor...	9.932	8.669	712.4E6	677.1E6	97.822	94.587
	Target Compounds						
41)	L9 AR-1268-1	8.512	7.563	742.6E6	790.8E6	983.553	960.399
42)	L9 AR-1268-2	8.601	7.626	632.4E6	668.4E6	986.777	959.839
43)	L9 AR-1268-3	8.822	7.837	576.6E6	577.7E6	983.114	962.697
44)	L9 AR-1268-4	9.216	8.117	239.2E6	233.3E6	965.595	954.970
45)	L9 AR-1268-5	9.609	8.410	1713.5E6	1599.9E6	985.974	967.315

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

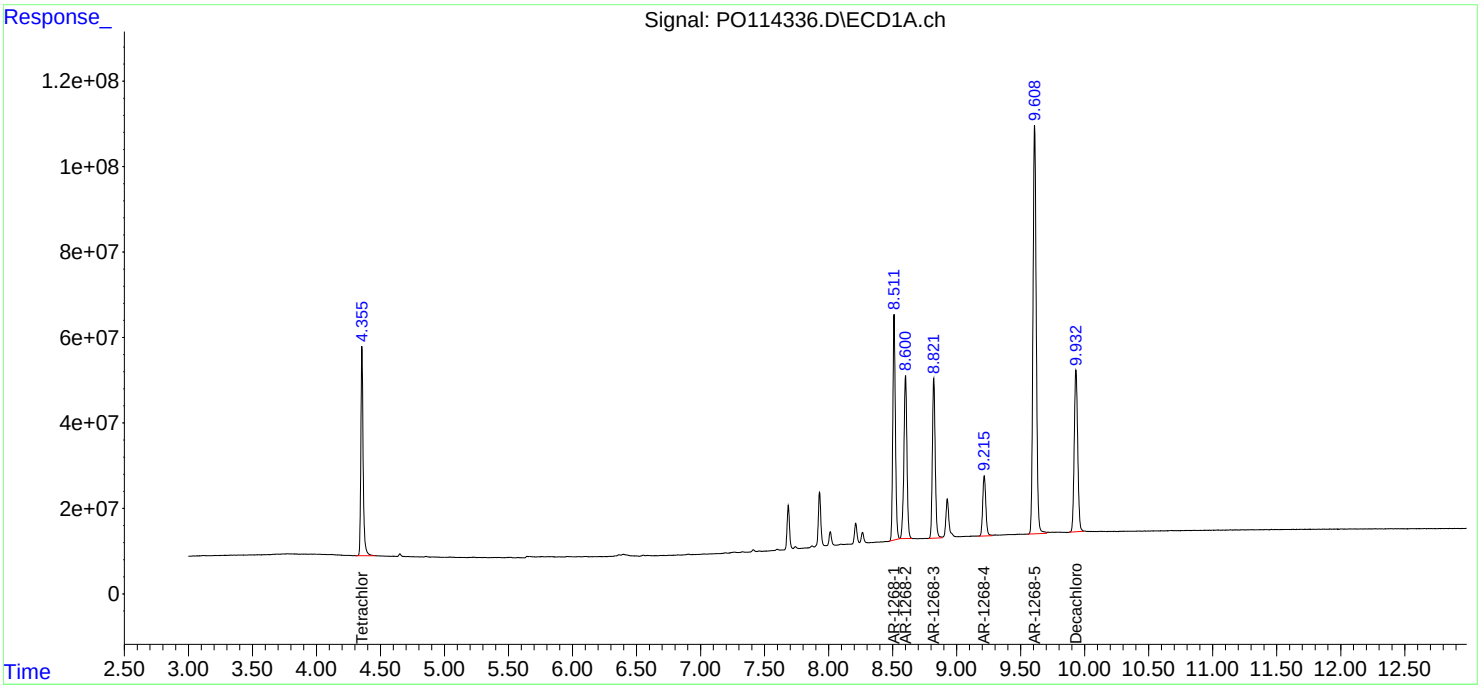
ICAL Form

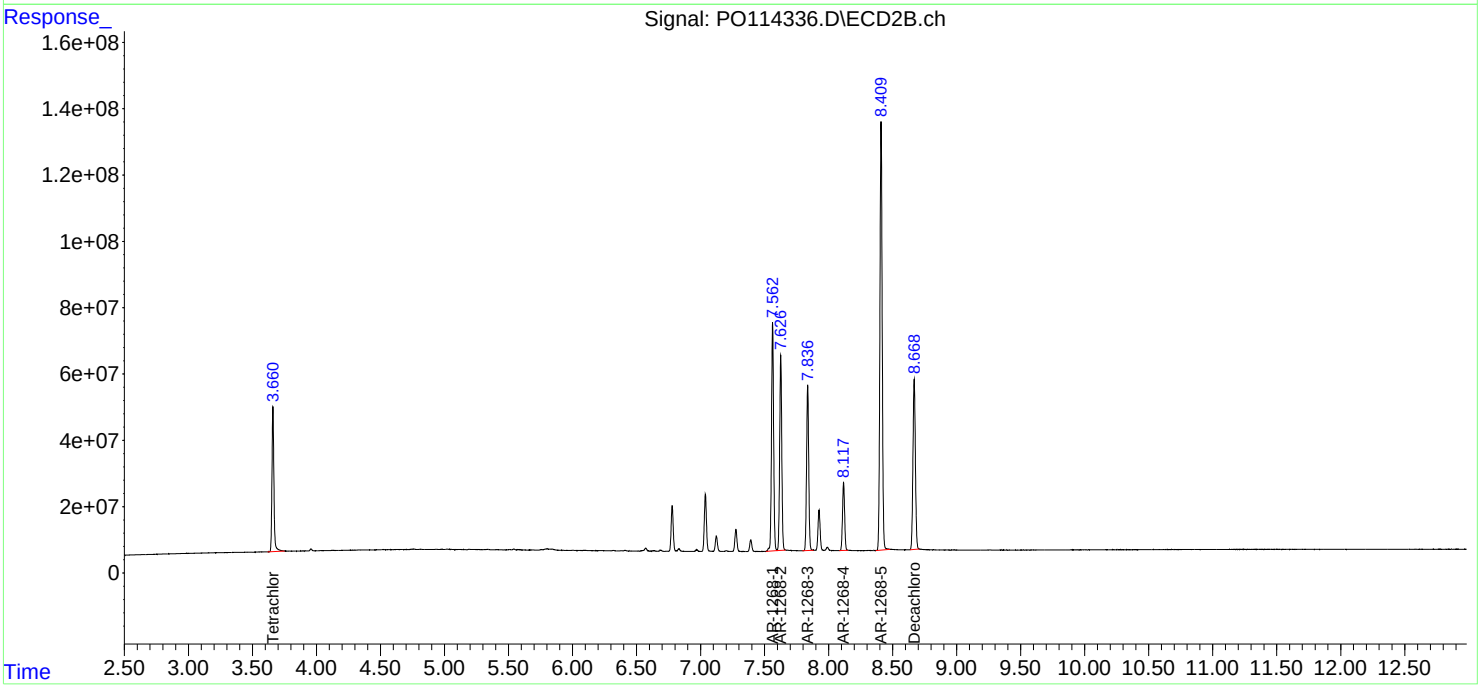
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:16
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

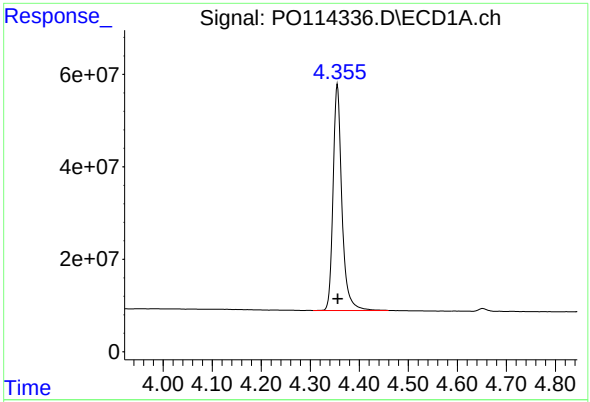
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 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



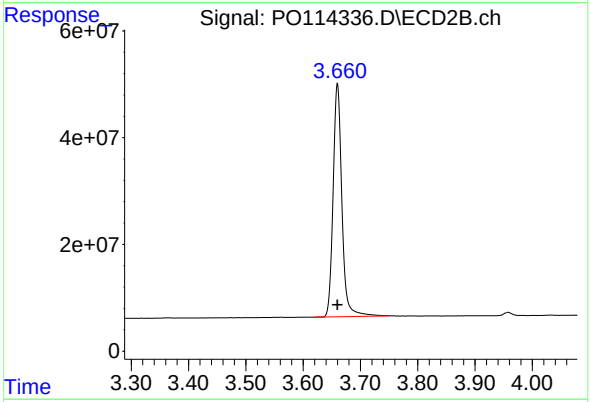




#1 Tetrachloro-m-xylene

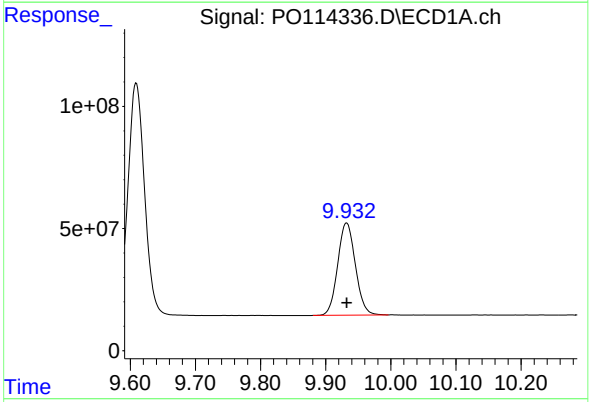
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 613167788
Conc: 96.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



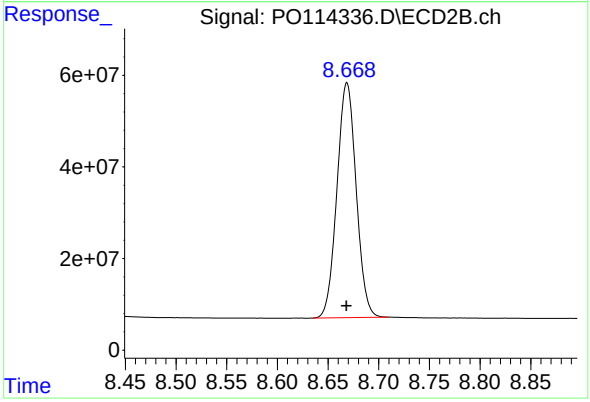
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 464339564
Conc: 96.89 ng/ml



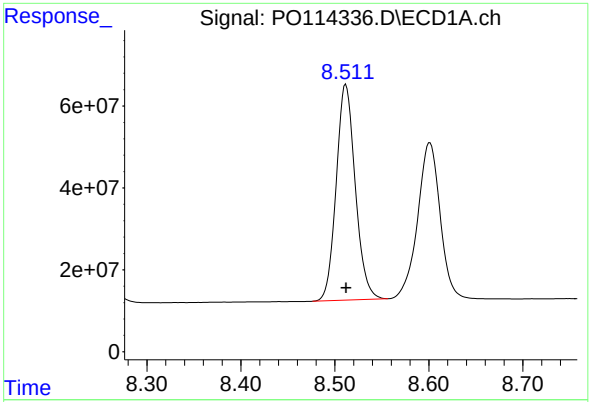
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 712425378
Conc: 97.82 ng/ml



#2 Decachlorobiphenyl

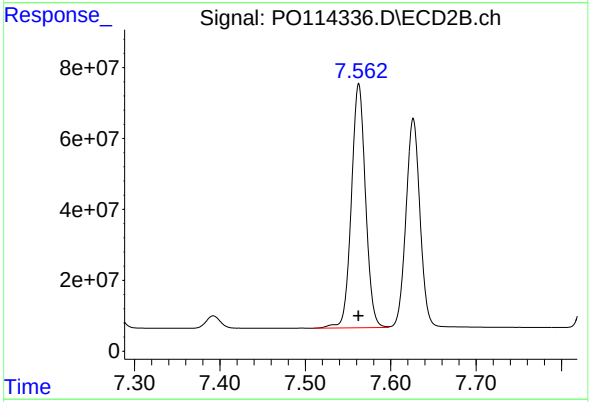
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 677067571
Conc: 94.59 ng/ml



#41 AR-1268-1

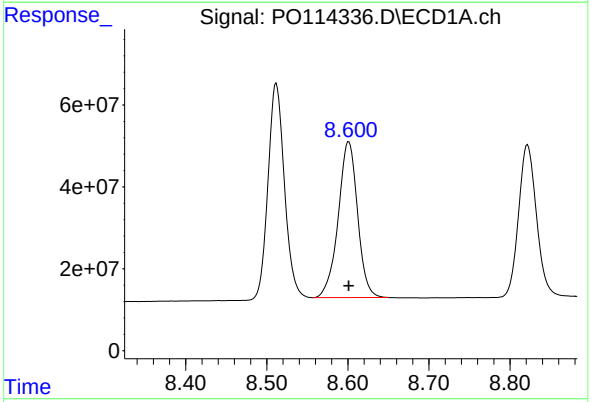
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 742630944
Conc: 983.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



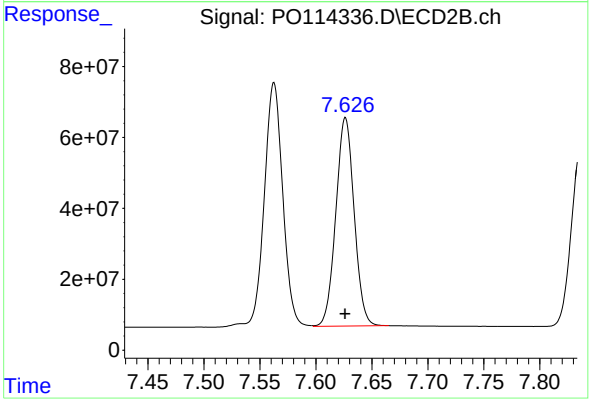
#41 AR-1268-1

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 790806319
Conc: 960.40 ng/ml



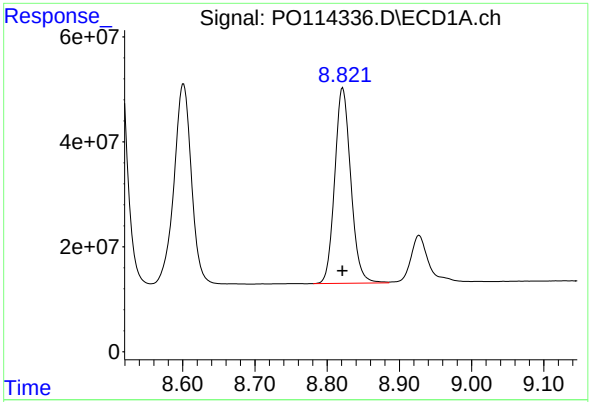
#42 AR-1268-2

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 632443459
Conc: 986.78 ng/ml



#42 AR-1268-2

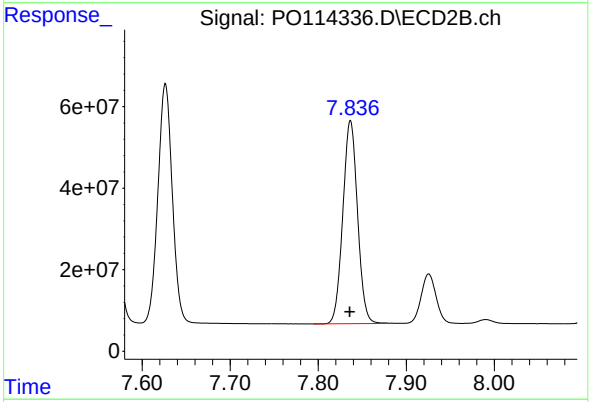
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 668389064
Conc: 959.84 ng/ml



#43 AR-1268-3

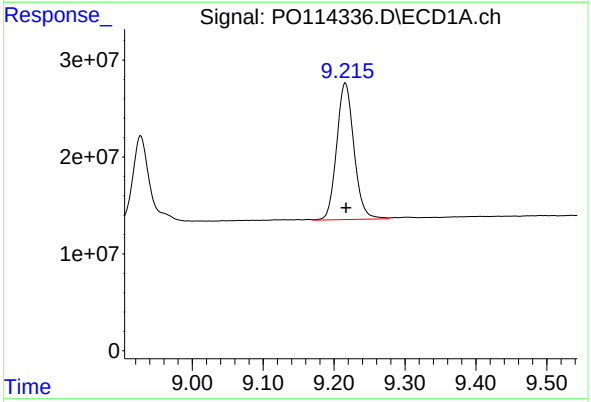
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 576556870
Conc: 983.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



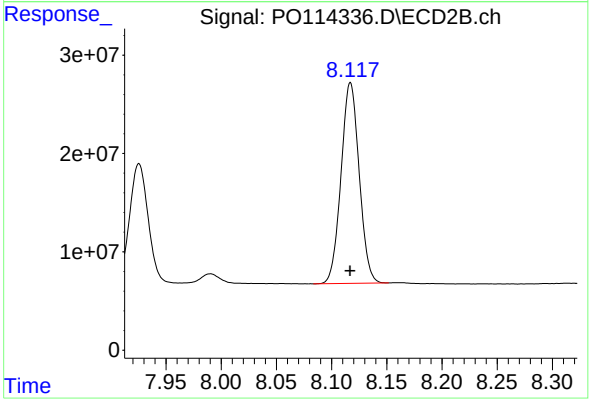
#43 AR-1268-3

R.T.: 7.837 min
Delta R.T.: 0.001 min
Response: 577681654
Conc: 962.70 ng/ml



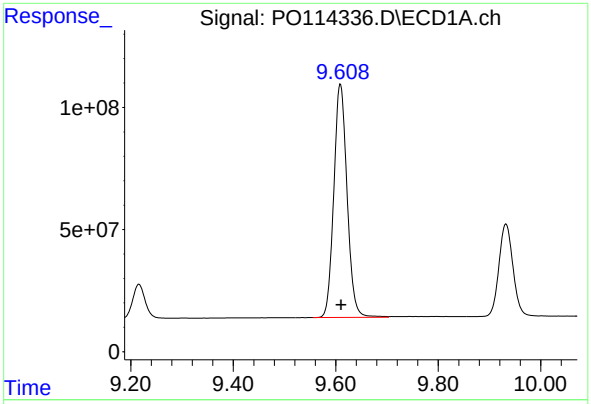
#44 AR-1268-4

R.T.: 9.216 min
Delta R.T.: 0.000 min
Response: 239235256
Conc: 965.59 ng/ml



#44 AR-1268-4

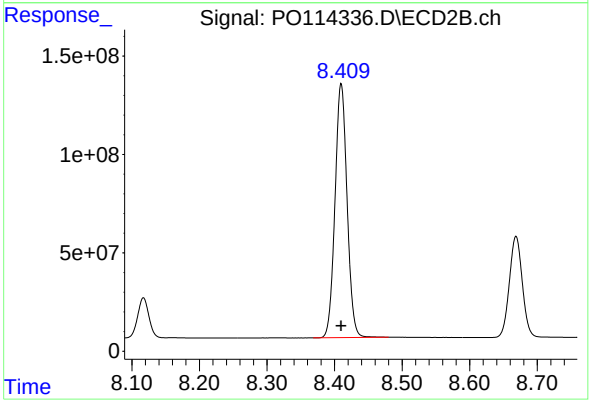
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 233329938
Conc: 954.97 ng/ml



#45 AR-1268-5

R.T.: 9.609 min
Delta R.T.: -0.001 min
Response: 1713485078
Conc: 985.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 1599907631
Conc: 967.31 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:34
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: Oct 10 04:41:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 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...	4.355	3.659	475.4E6	359.5E6	75.200	75.015
2)	SA Decachlor...	9.933	8.667	551.6E6	530.5E6	75.744	74.106
	Target Compounds						
41)	L9 AR-1268-1	8.512	7.562	572.3E6	615.5E6	757.945	747.503
42)	L9 AR-1268-2	8.599	7.625	487.6E6	520.3E6	760.791	747.145
43)	L9 AR-1268-3	8.822	7.836	445.2E6	448.9E6	759.094	748.007
44)	L9 AR-1268-4	9.216	8.116	186.5E6	182.3E6	752.709	746.142
45)	L9 AR-1268-5	9.610	8.409	1321.2E6	1240.0E6	760.228	749.718

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

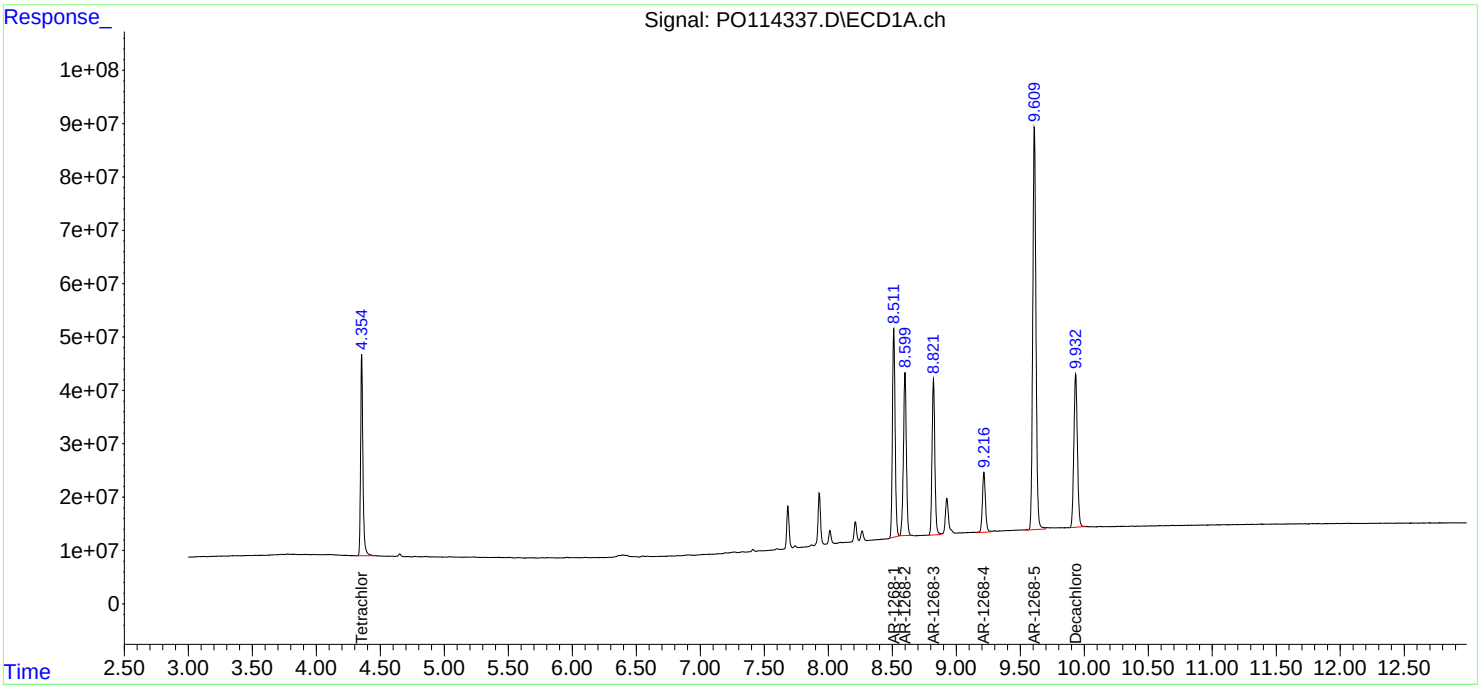
ICAL Form

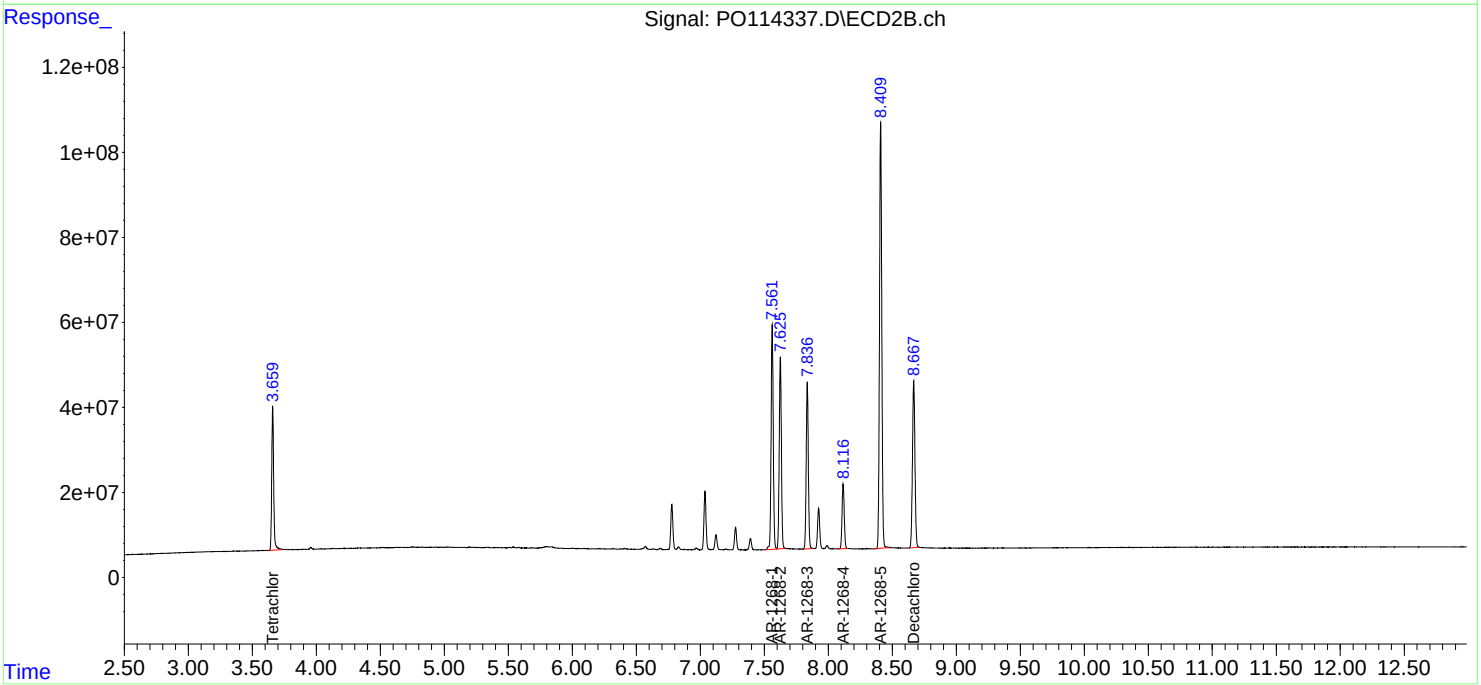
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:34
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

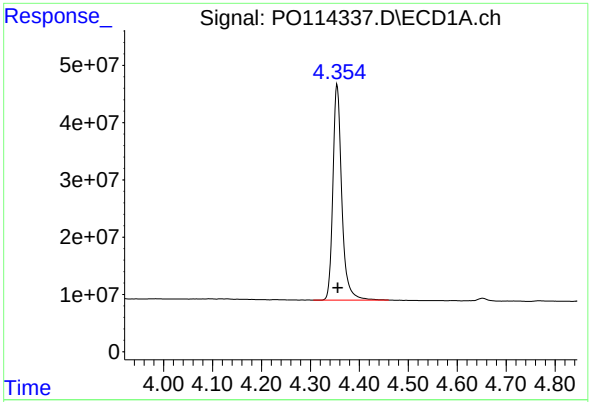
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:41:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 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



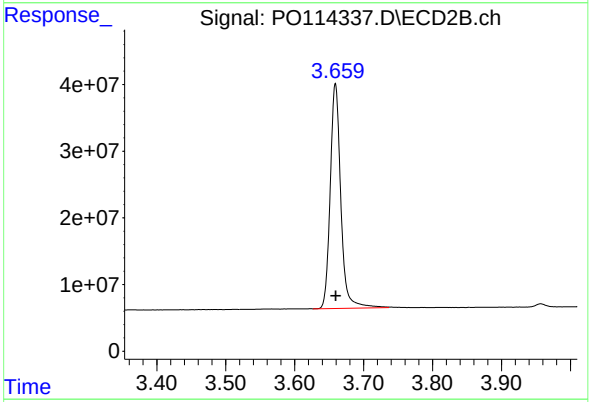




#1 Tetrachloro-m-xylene

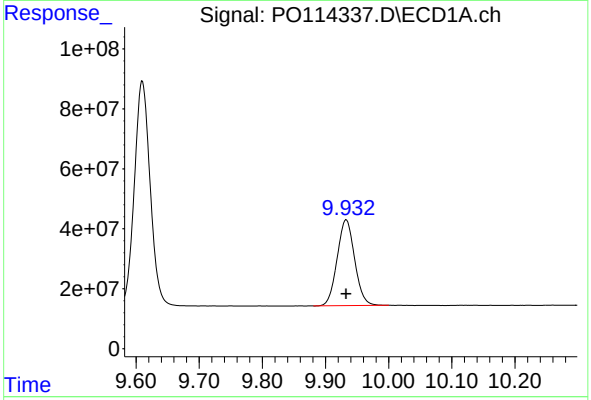
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 475398708
Conc: 75.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



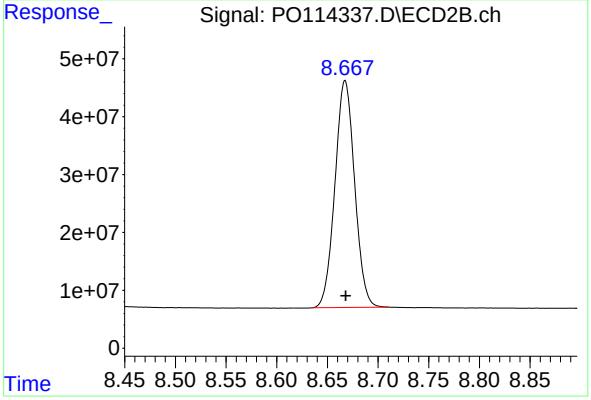
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 359520123
Conc: 75.02 ng/ml



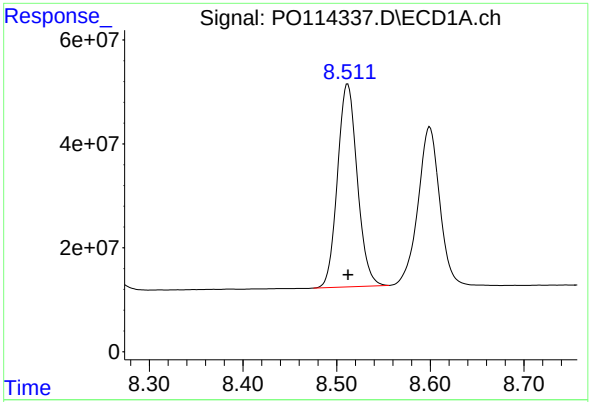
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 551629651
Conc: 75.74 ng/ml



#2 Decachlorobiphenyl

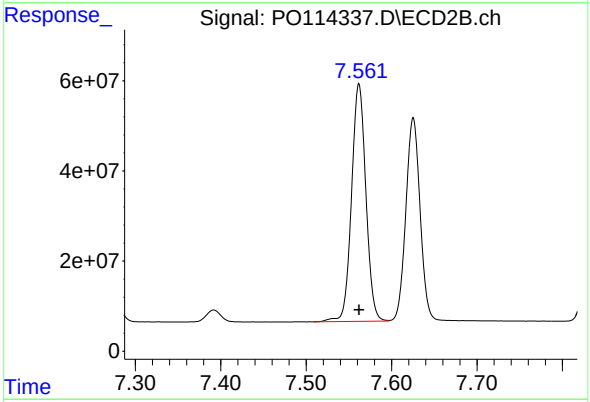
R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 530465668
Conc: 74.11 ng/ml



#41 AR-1268-1

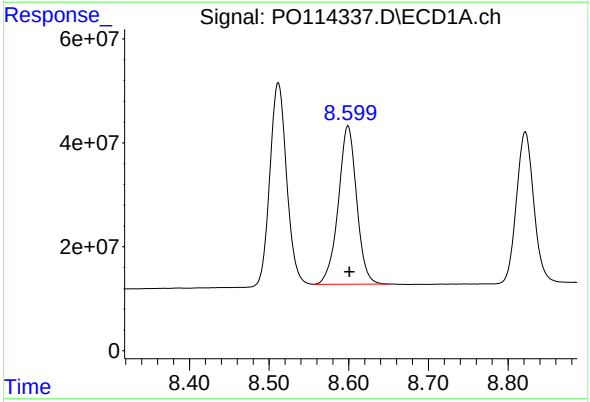
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 572285871
Conc: 757.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



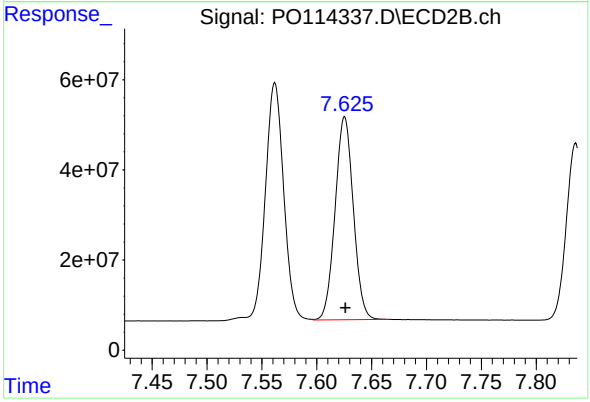
#41 AR-1268-1

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 615504747
Conc: 747.50 ng/ml



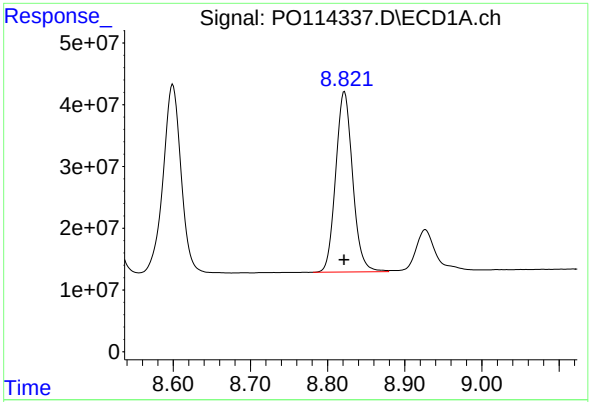
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: -0.001 min
Response: 487604586
Conc: 760.79 ng/ml



#42 AR-1268-2

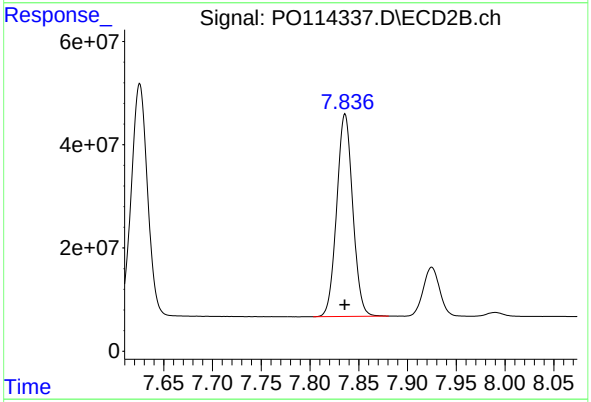
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 520278380
Conc: 747.14 ng/ml



#43 AR-1268-3

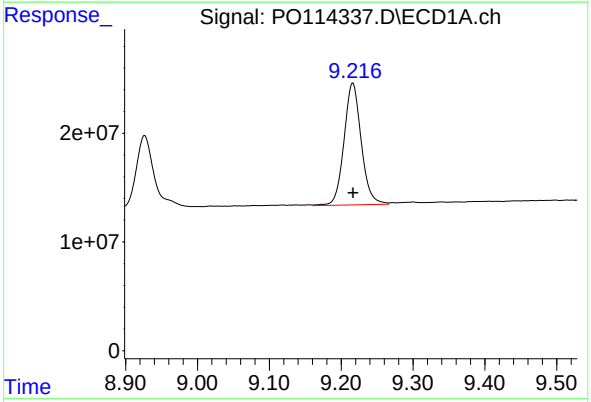
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 445178352
Conc: 759.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



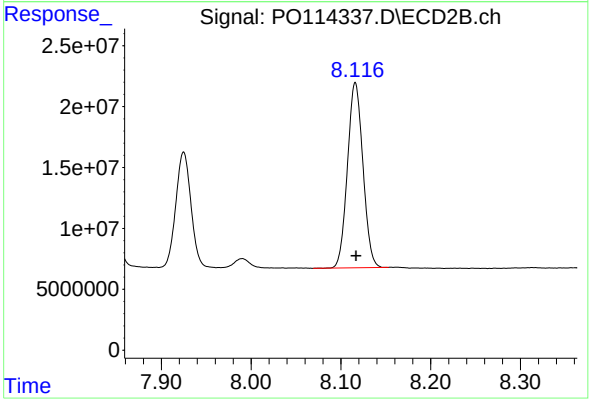
#43 AR-1268-3

R.T.: 7.836 min
Delta R.T.: 0.000 min
Response: 448853271
Conc: 748.01 ng/ml



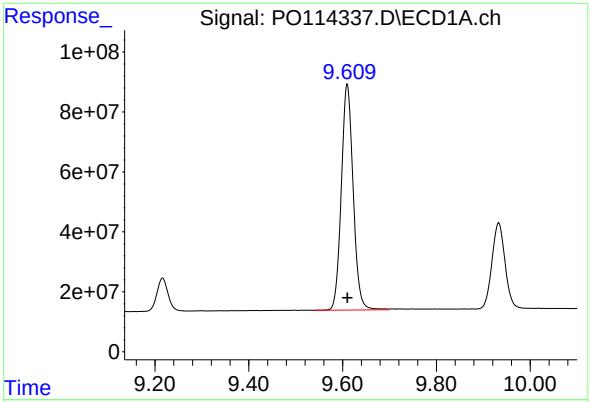
#44 AR-1268-4

R.T.: 9.216 min
Delta R.T.: 0.000 min
Response: 186490681
Conc: 752.71 ng/ml



#44 AR-1268-4

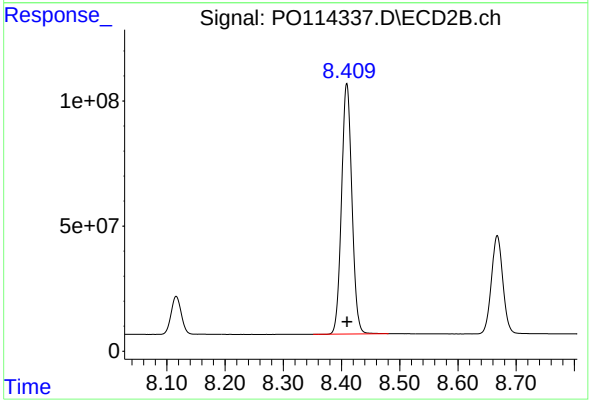
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 182306479
Conc: 746.14 ng/ml



#45 AR-1268-5

R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 1321171068
Conc: 760.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 1240009500
Conc: 749.72 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:52
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: Oct 10 04:42:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 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...	4.356	3.660	316.1E6	239.6E6	50.000	50.000
2)	SA Decachlor...	9.933	8.668	364.1E6	357.9E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.512	7.562	377.5E6	411.7E6	500.000	500.000
42)	L9 AR-1268-2	8.601	7.626	320.5E6	348.2E6	500.000	500.000
43)	L9 AR-1268-3	8.821	7.836	293.2E6	300.0E6	500.000	500.000
44)	L9 AR-1268-4	9.217	8.117	123.9E6	122.2E6	500.000	500.000
45)	L9 AR-1268-5	9.611	8.410	868.9E6	827.0E6	500.000	500.000

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

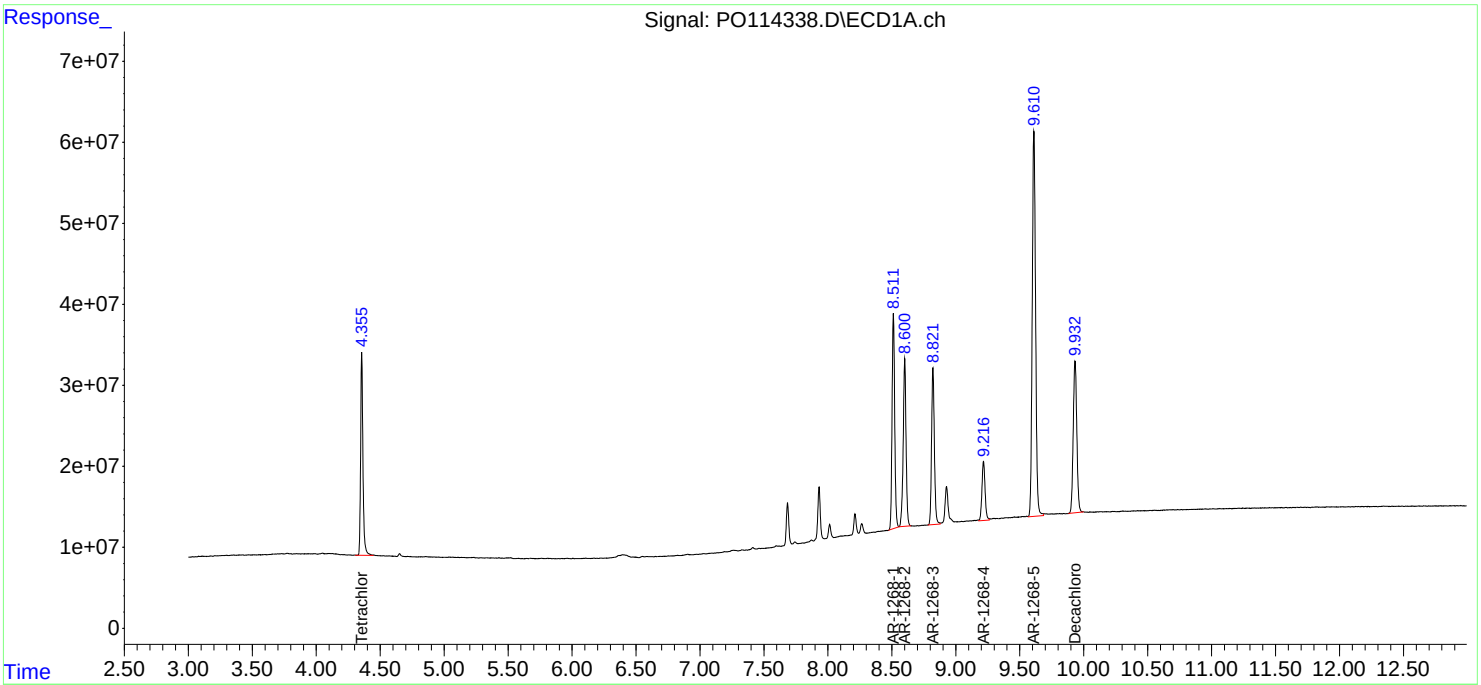
ICAL Form

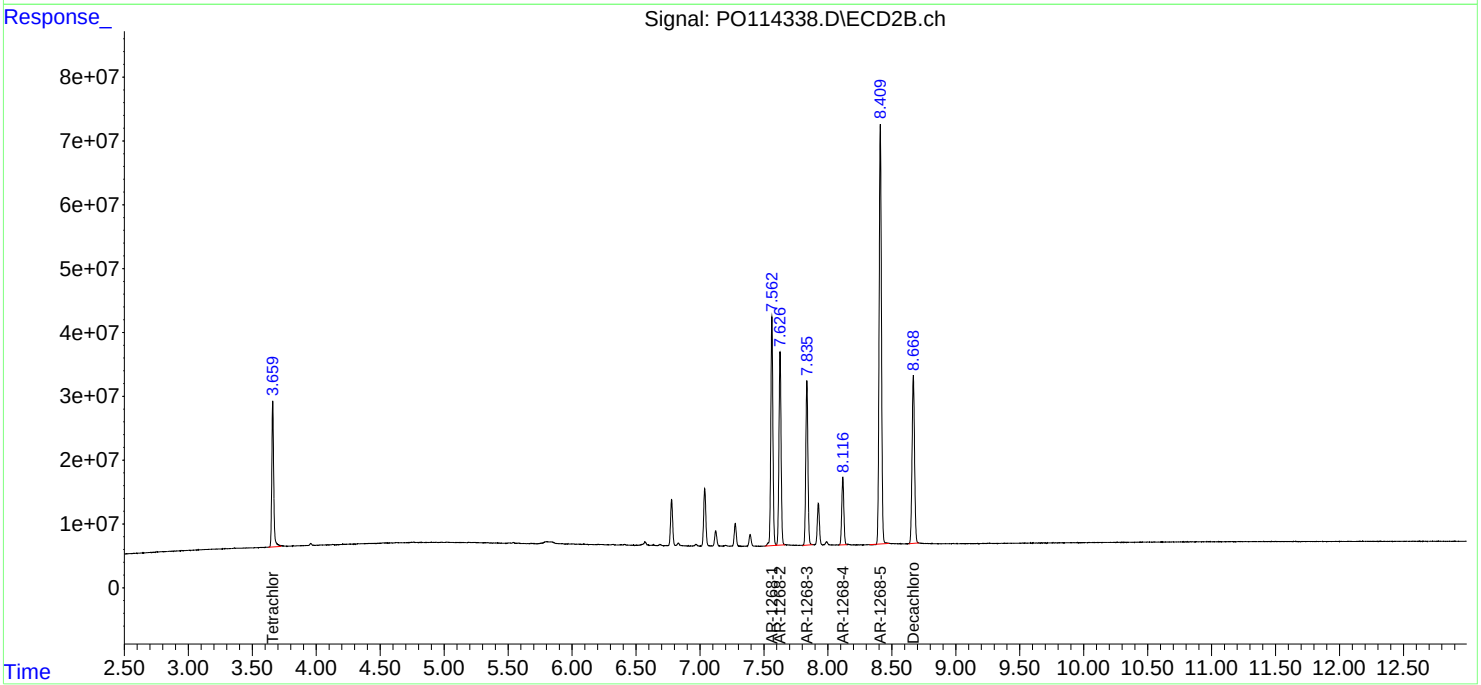
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:52
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

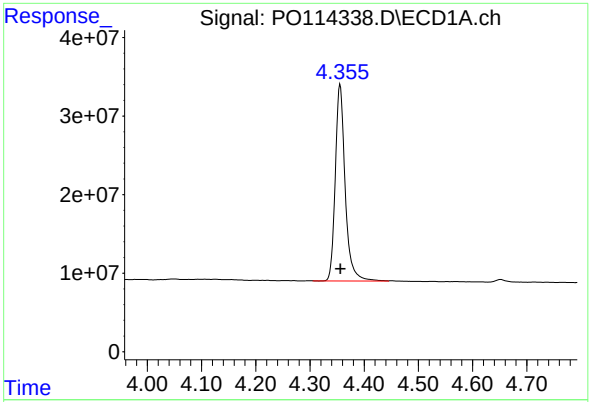
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:42:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 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



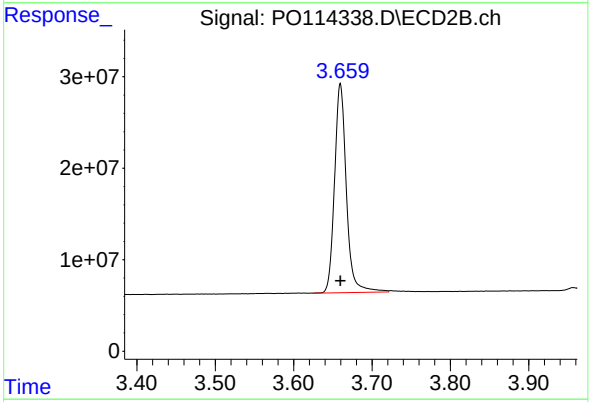




#1 Tetrachloro-m-xylene

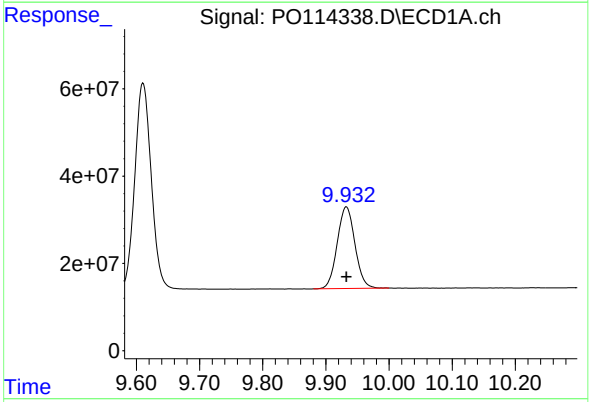
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 316088365
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



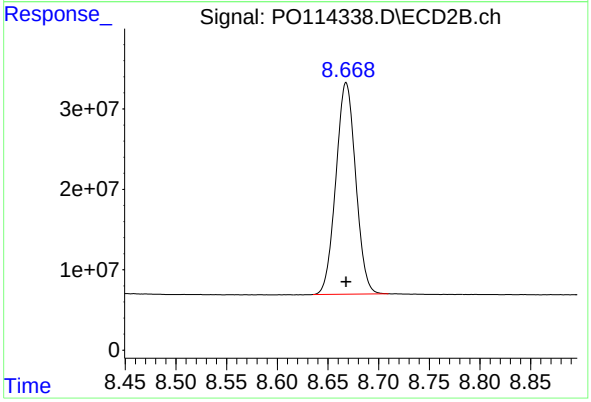
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 239631456
Conc: 50.00 ng/ml



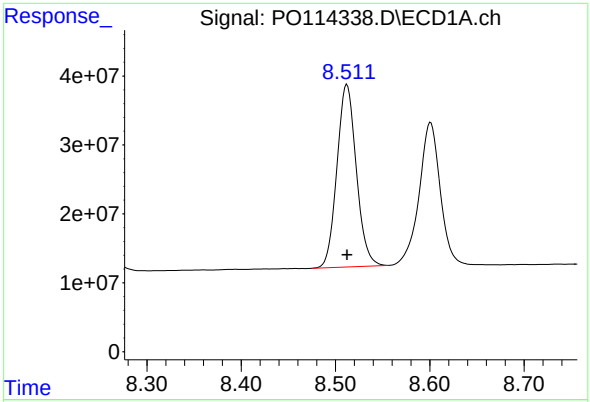
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 364142816
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

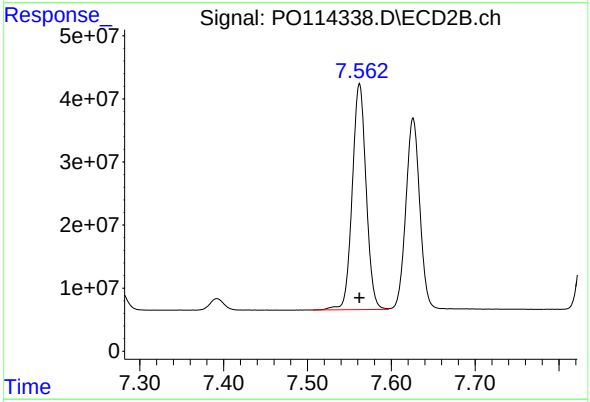
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 357908937
Conc: 50.00 ng/ml



#41 AR-1268-1

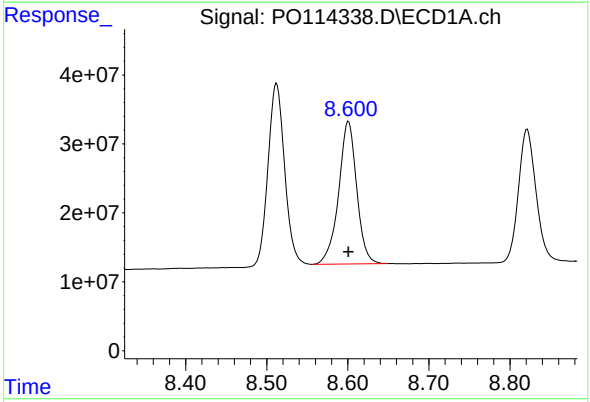
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 377524689
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



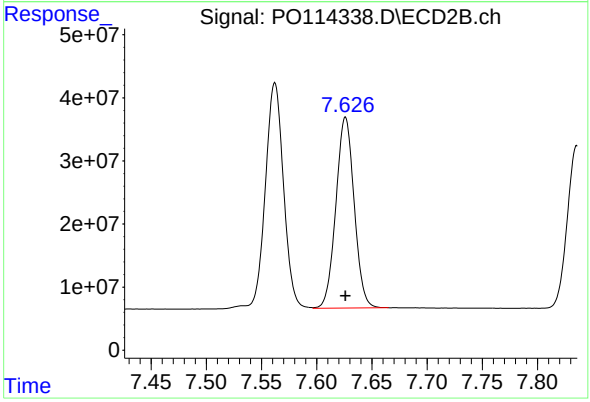
#41 AR-1268-1

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 411707060
Conc: 500.00 ng/ml



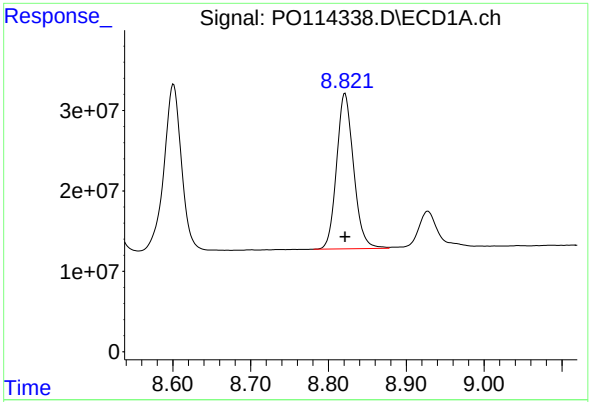
#42 AR-1268-2

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 320459089
Conc: 500.00 ng/ml



#42 AR-1268-2

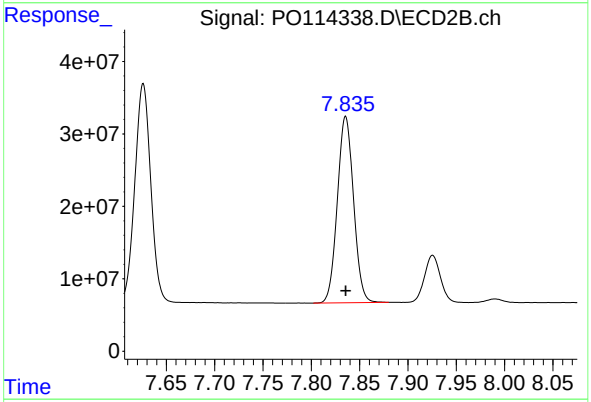
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 348177677
Conc: 500.00 ng/ml



#43 AR-1268-3

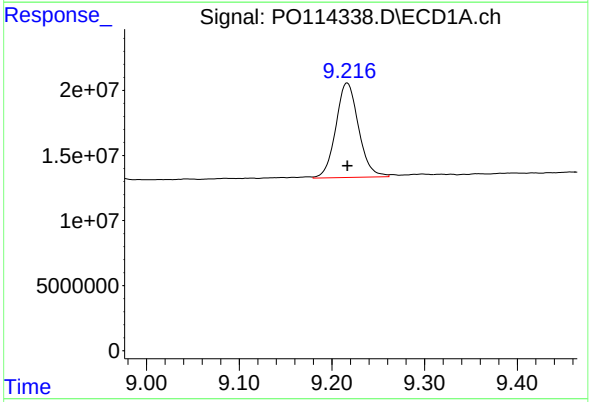
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 293229900
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



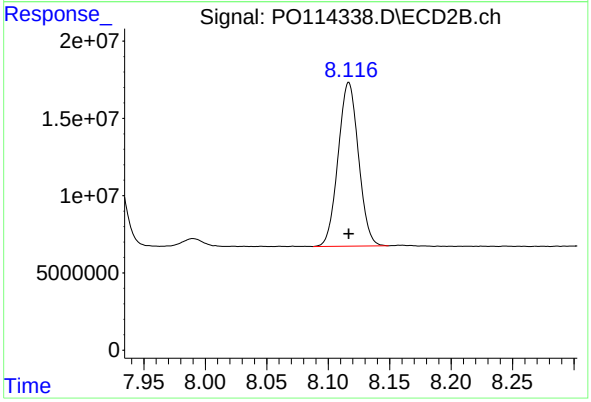
#43 AR-1268-3

R.T.: 7.836 min
Delta R.T.: 0.000 min
Response: 300032922
Conc: 500.00 ng/ml



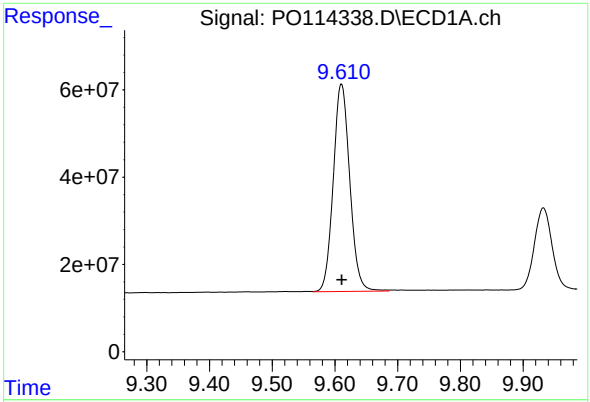
#44 AR-1268-4

R.T.: 9.217 min
Delta R.T.: 0.000 min
Response: 123879742
Conc: 500.00 ng/ml



#44 AR-1268-4

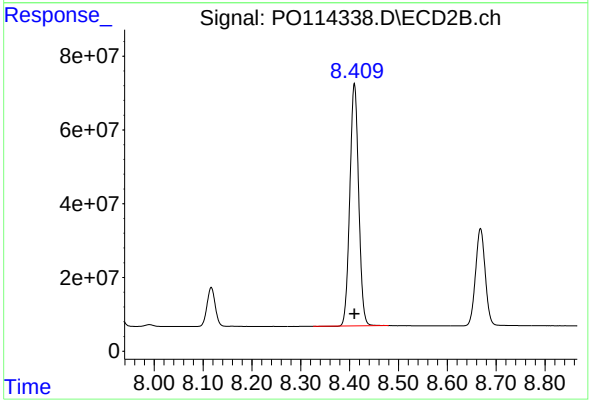
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 122166061
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 9.611 min
Delta R.T.: 0.000 min
Response: 868930333
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 826984202
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:11
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:42:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 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...	4.355	3.660	155.5E6	118.7E6	24.600	24.776
2)	SA Decachlor...	9.932	8.668	178.6E6	181.1E6	24.517	25.302
	Target Compounds						
41)	L9 AR-1268-1	8.512	7.562	186.1E6	207.4E6	246.495m	251.932
42)	L9 AR-1268-2	8.601	7.626	157.6E6	174.3E6	245.954	250.246
43)	L9 AR-1268-3	8.821	7.836	145.1E6	149.6E6	247.339	249.364
44)	L9 AR-1268-4	9.217	8.117	68332461	61274419	275.802	250.783
45)	L9 AR-1268-5	9.611	8.410	430.5E6	411.5E6	247.745	248.795

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:11
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

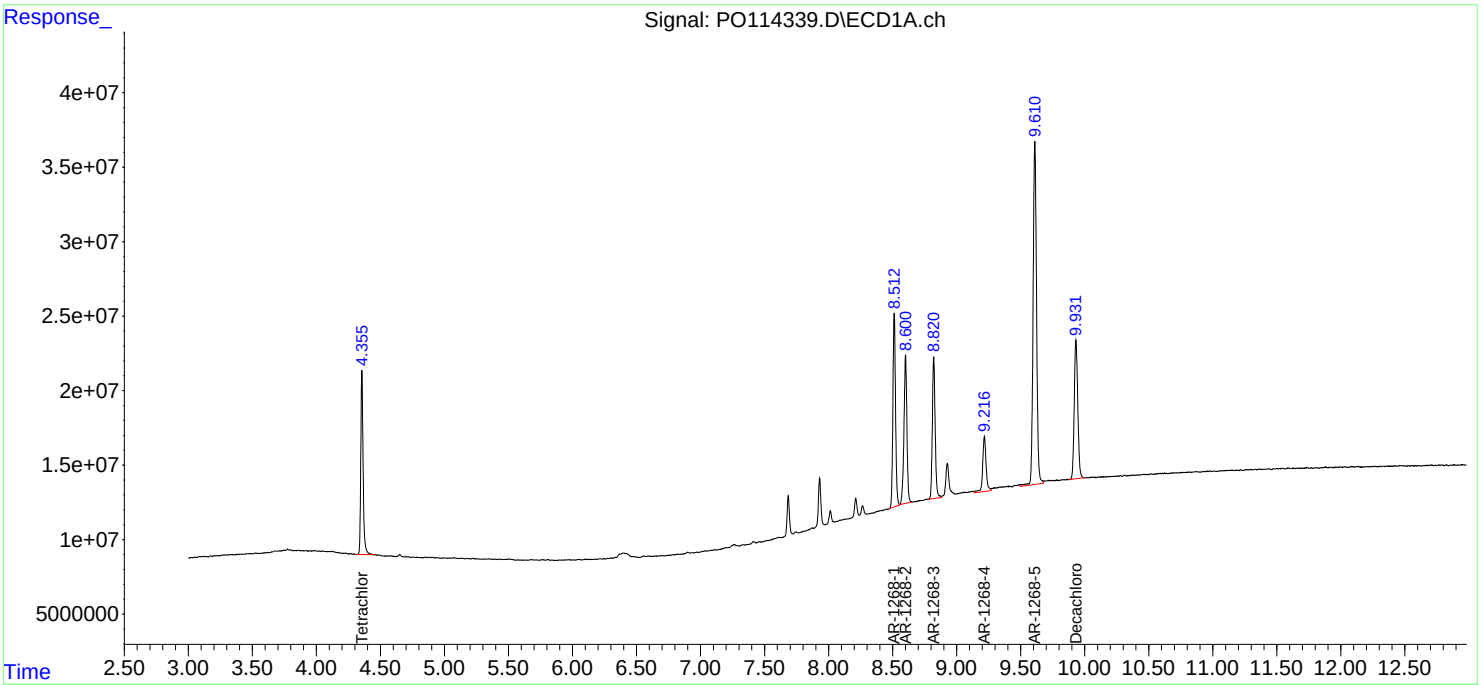
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

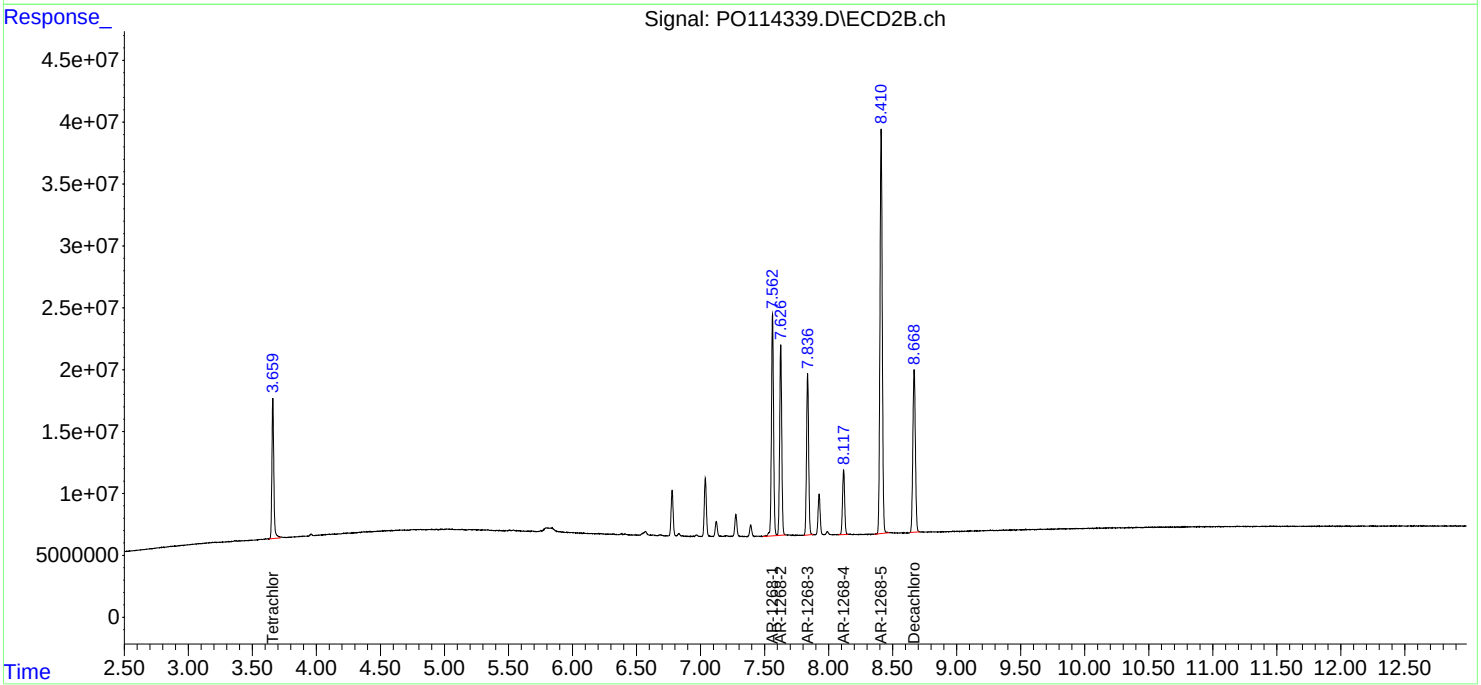
Manual Integrations APPROVED

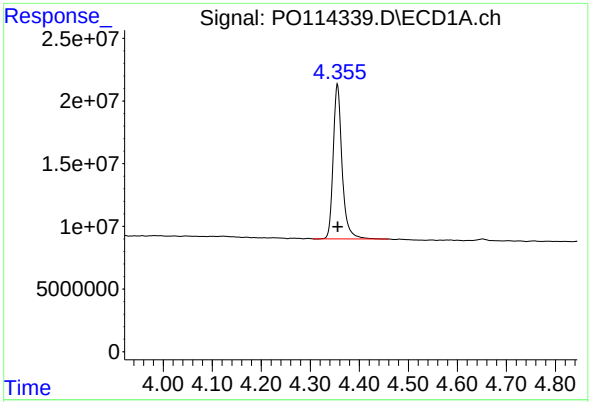
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:42:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 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







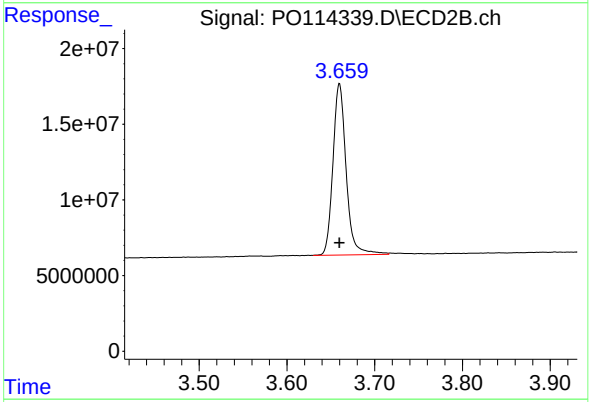
#1 Tetrachloro-m-xylene

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 155518189
Conc: 24.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

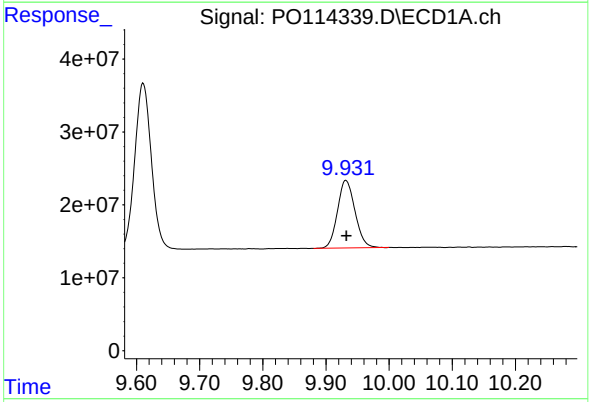
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



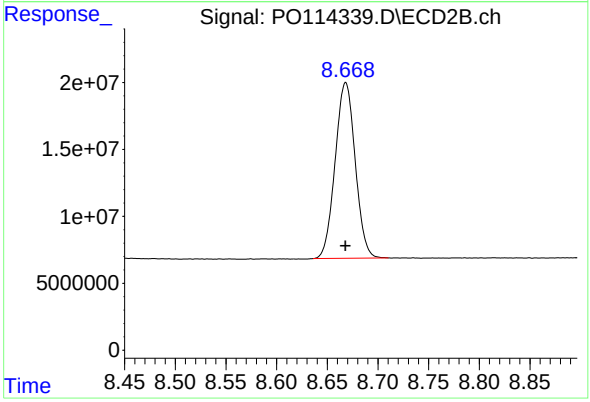
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 118742078
Conc: 24.78 ng/ml



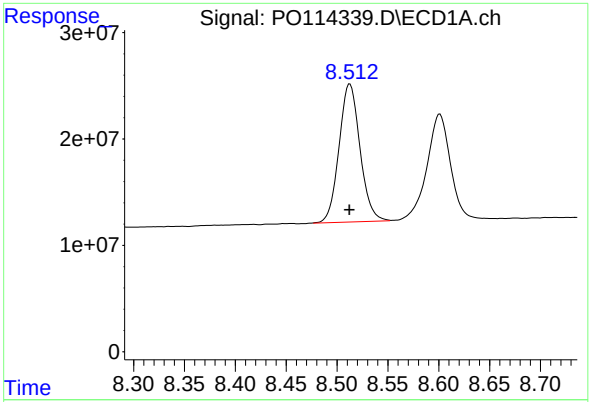
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 178553601
Conc: 24.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 181115260
Conc: 25.30 ng/ml



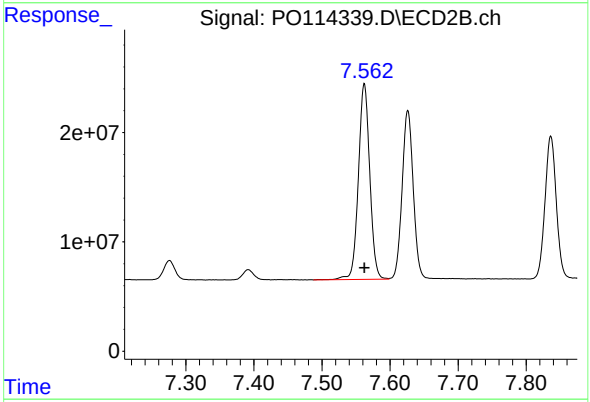
#41 AR-1268-1

R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 186115791
Conc: 246.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

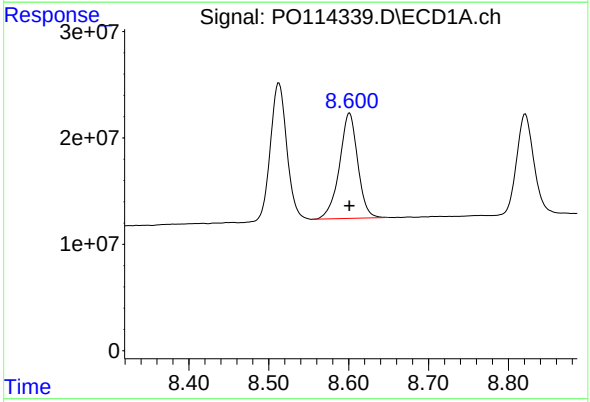
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



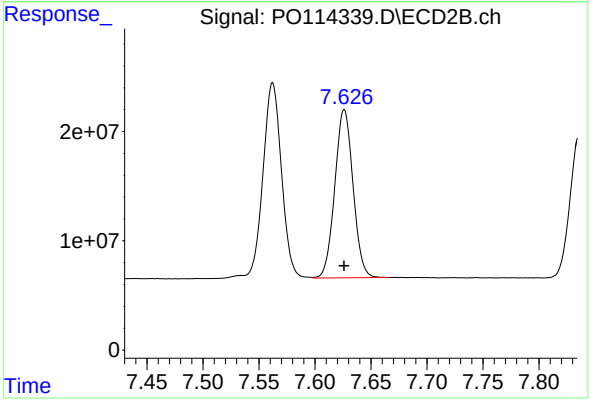
#41 AR-1268-1

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 207444056
Conc: 251.93 ng/ml



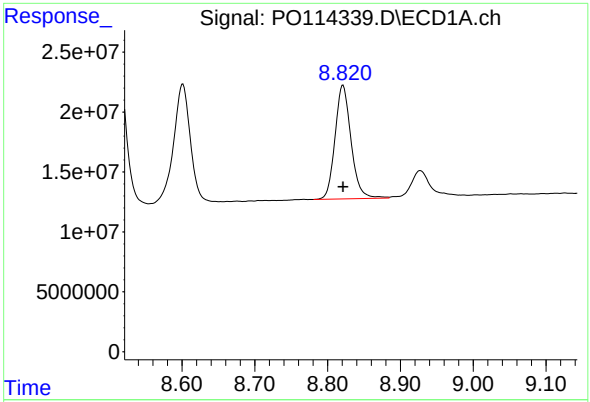
#42 AR-1268-2

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 157636657
Conc: 245.95 ng/ml



#42 AR-1268-2

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 174260159
Conc: 250.25 ng/ml



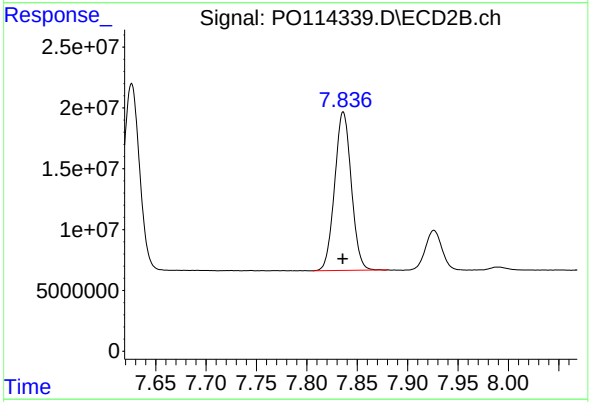
#43 AR-1268-3

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 145054315
Conc: 247.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

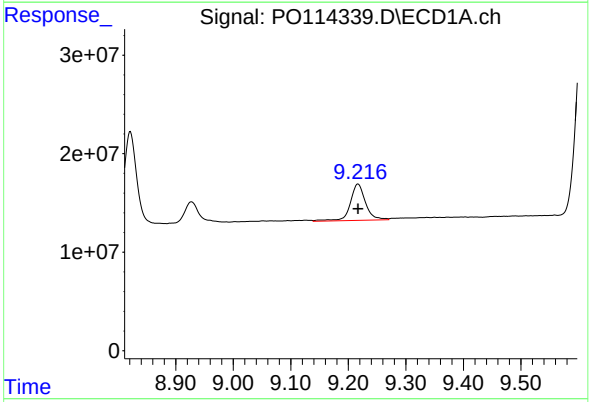
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



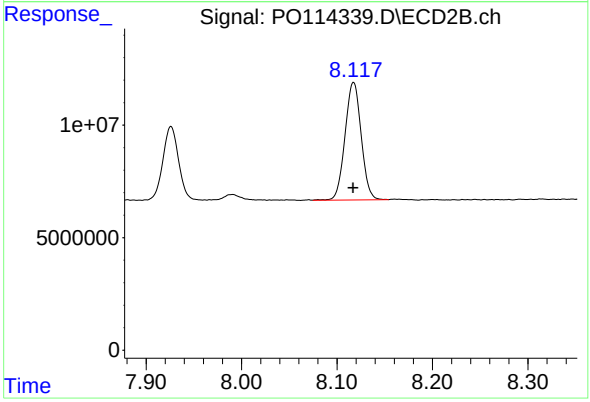
#43 AR-1268-3

R.T.: 7.836 min
Delta R.T.: 0.000 min
Response: 149634792
Conc: 249.36 ng/ml



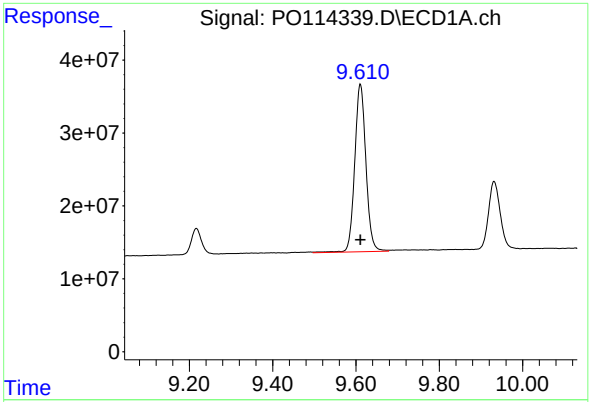
#44 AR-1268-4

R.T.: 9.217 min
Delta R.T.: 0.000 min
Response: 68332461
Conc: 275.80 ng/ml



#44 AR-1268-4

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 61274419
Conc: 250.78 ng/ml



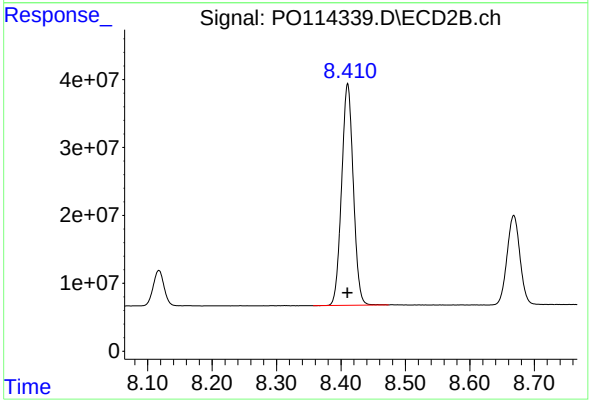
#45 AR-1268-5

R.T.: 9.611 min
Delta R.T.: 0.000 min
Response: 430545654
Conc: 247.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



#45 AR-1268-5

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 411499227
Conc: 248.80 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:29
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:43:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 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...	4.355	3.659	29229275	22630186	4.624	4.722
2)	SA Decachlor...	9.932	8.668	31790557	35269306	4.365	4.927
	Target Compounds						
41)	L9 AR-1268-1	8.512	7.561	32943775	41304225	43.631	50.162
42)	L9 AR-1268-2	8.601	7.625	27673298	33913547	43.178	48.701
43)	L9 AR-1268-3	8.821	7.835	26198359	28863911	44.672	48.101
44)	L9 AR-1268-4	9.215	8.116	11311379	11514154	45.655m	47.125
45)	L9 AR-1268-5	9.610	8.409	81708074	79828748	47.016	48.265

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:29
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

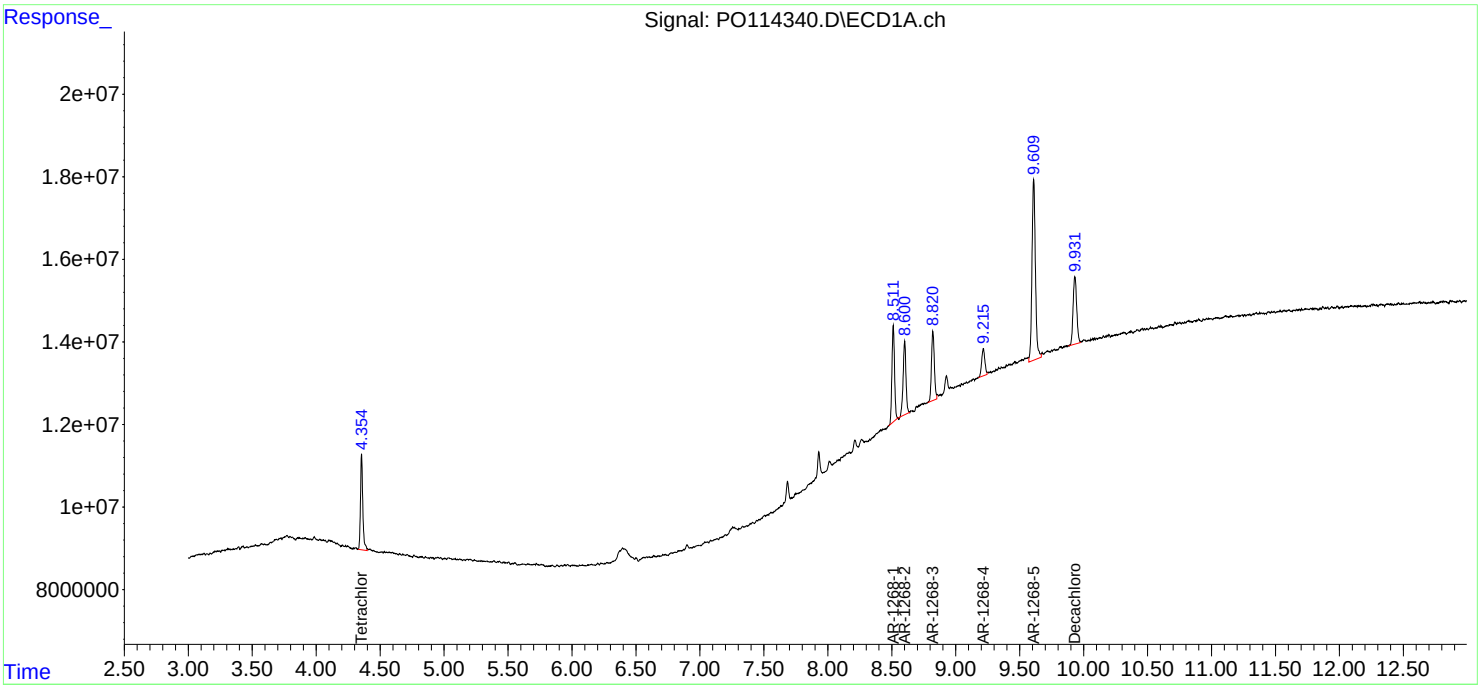
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

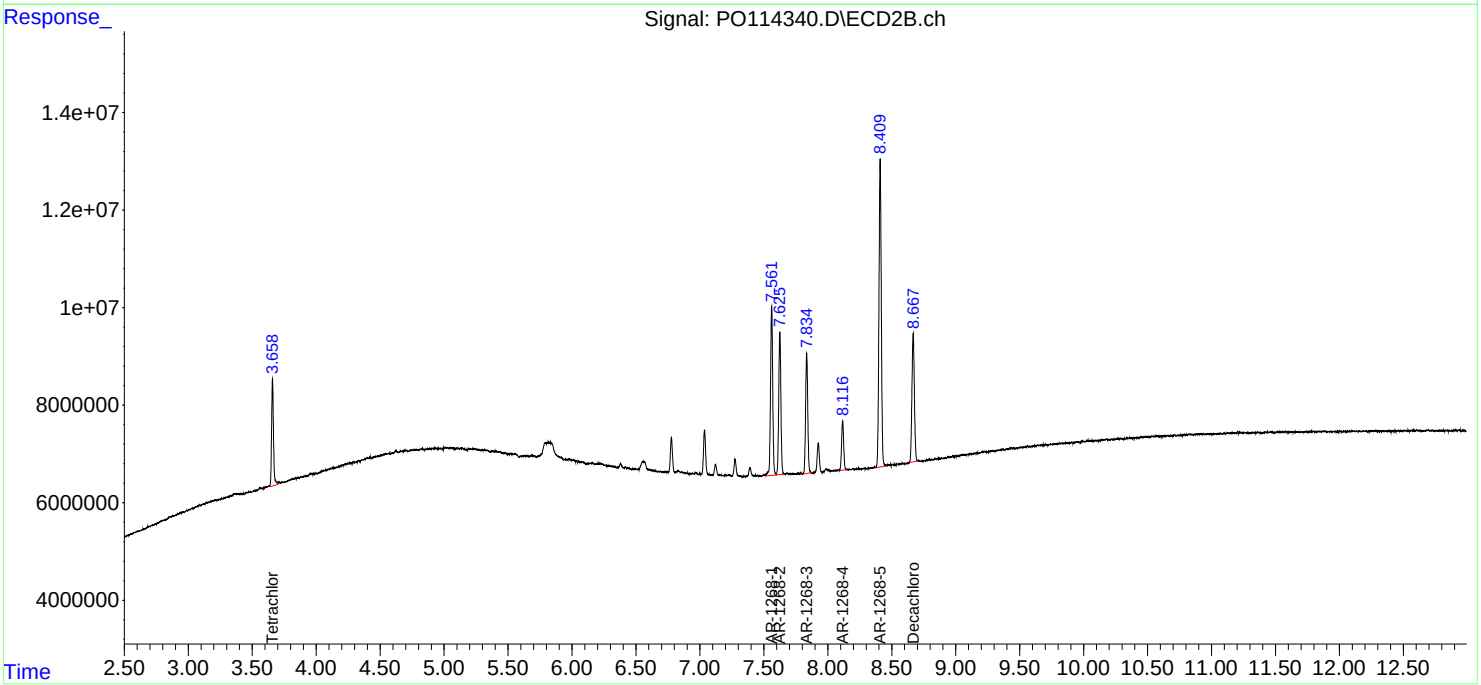
Manual Integrations APPROVED

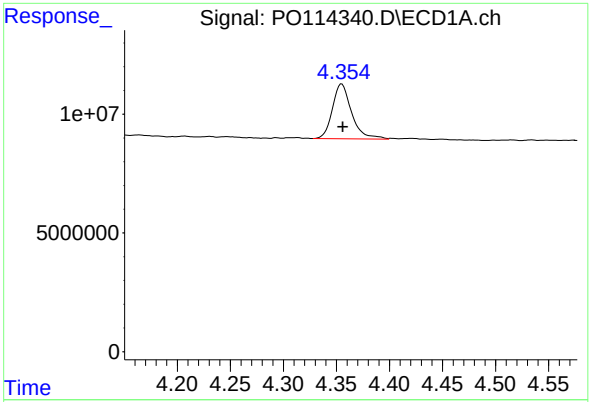
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:43:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 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







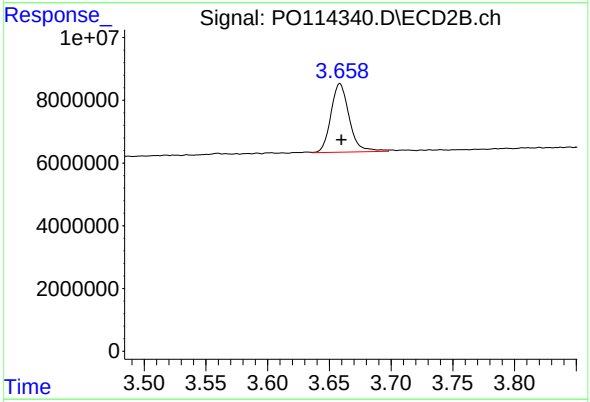
#1 Tetrachloro-m-xylene

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 29229275
Conc: 4.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

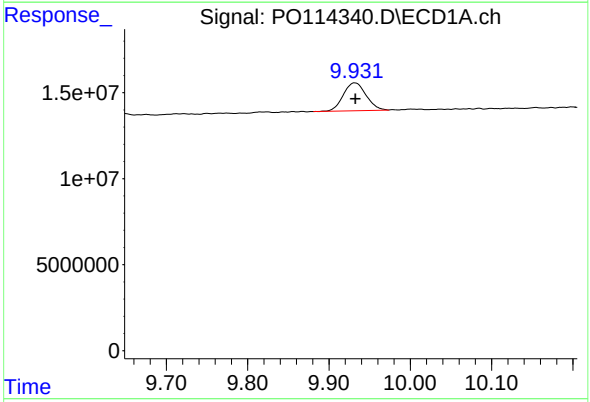
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



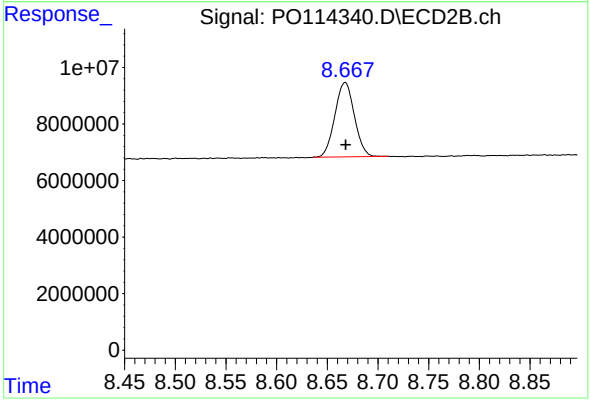
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 22630186
Conc: 4.72 ng/ml



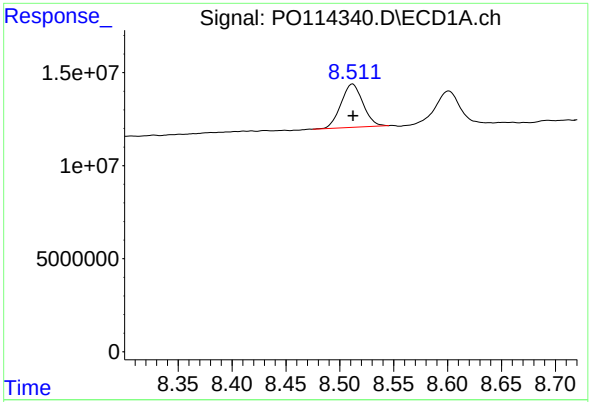
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 31790557
Conc: 4.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 35269306
Conc: 4.93 ng/ml



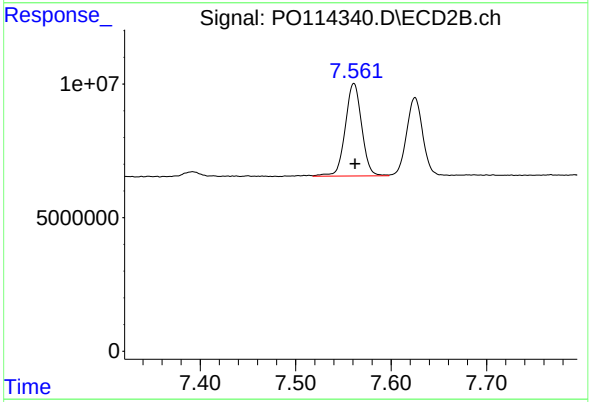
#41 AR-1268-1

R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 32943775
Conc: 43.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

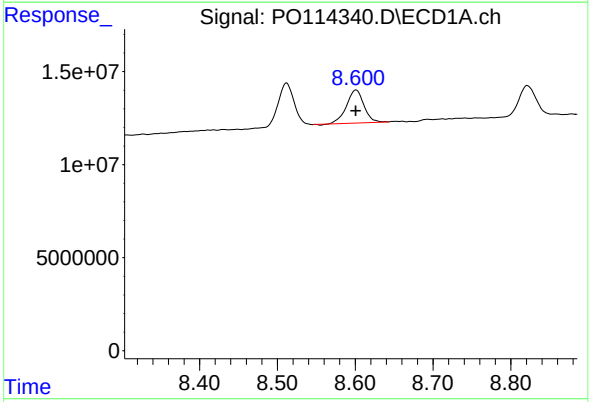
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



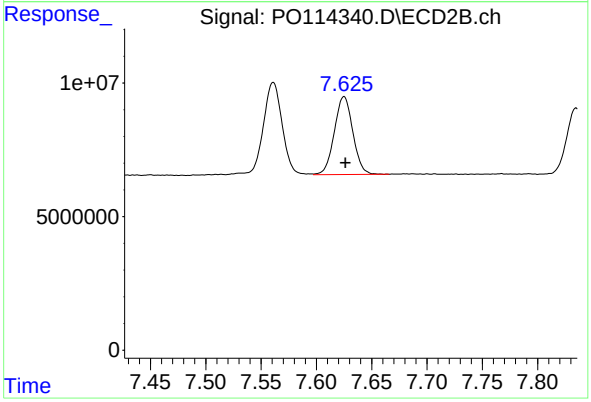
#41 AR-1268-1

R.T.: 7.561 min
Delta R.T.: -0.001 min
Response: 41304225
Conc: 50.16 ng/ml



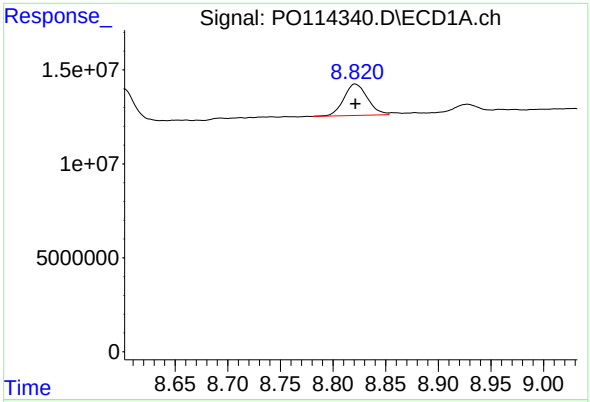
#42 AR-1268-2

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 27673298
Conc: 43.18 ng/ml



#42 AR-1268-2

R.T.: 7.625 min
Delta R.T.: -0.001 min
Response: 33913547
Conc: 48.70 ng/ml



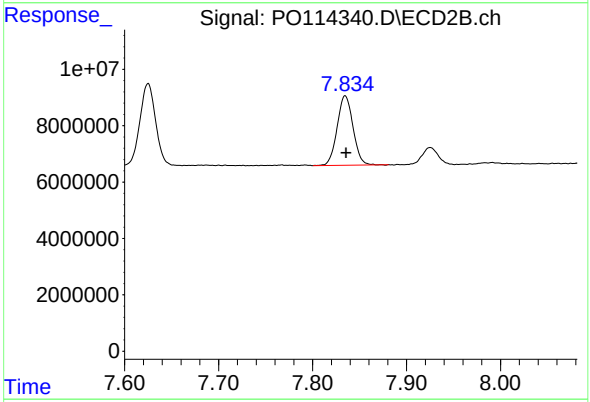
#43 AR-1268-3

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 26198359
Conc: 44.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

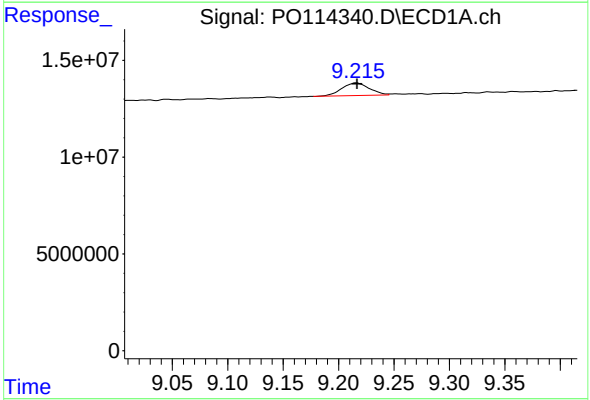
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



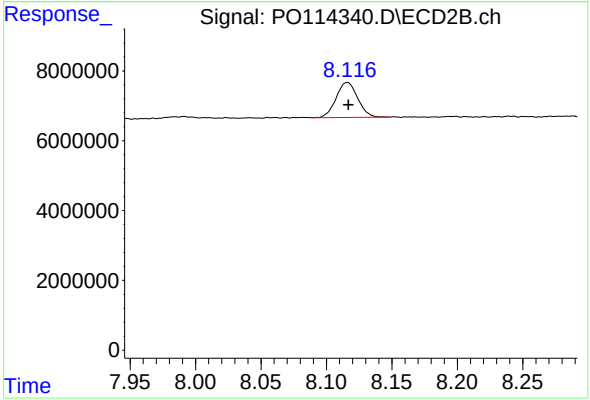
#43 AR-1268-3

R.T.: 7.835 min
Delta R.T.: 0.000 min
Response: 28863911
Conc: 48.10 ng/ml



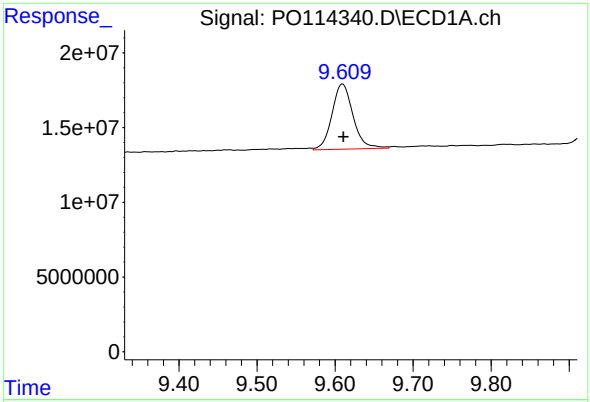
#44 AR-1268-4

R.T.: 9.215 min
Delta R.T.: -0.001 min
Response: 11311379
Conc: 45.65 ng/ml m



#44 AR-1268-4

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 11514154
Conc: 47.13 ng/ml



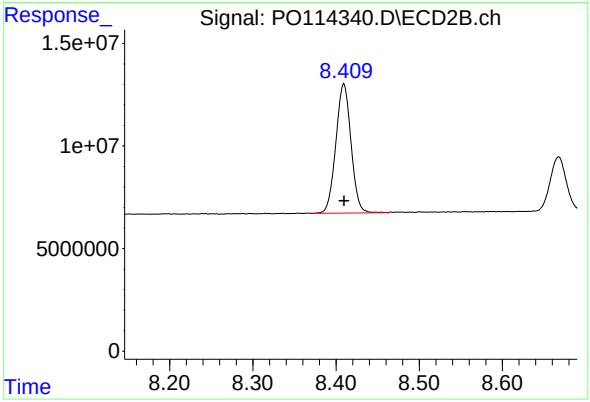
#45 AR-1268-5

R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 81708074
Conc: 47.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



#45 AR-1268-5

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 79828748
Conc: 48.26 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:47
Operator : YP/AJ
Sample : PO100925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO100925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 05:08:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 05:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.355	3.659	303.7E6	221.3E6	55.947	55.289
2)	SA Decachlor...	9.934	8.669	194.5E6	195.5E6	53.423	58.645
	Target Compounds						
3)	L1 AR-1016-1	5.492	4.741	99538435	96288840	551.895	571.839
4)	L1 AR-1016-2	5.514	4.761	164.8E6	137.9E6	541.506	569.586
5)	L1 AR-1016-3	5.575	4.935	94543131	72943991	534.588	587.530
6)	L1 AR-1016-4	5.671	4.978	77904177	57848182	566.351	599.305
7)	L1 AR-1016-5	5.962	5.190	70772325	73749593	560.504	576.820
31)	L7 AR-1260-1	7.074	6.223	119.2E6	136.1E6	547.073	578.071
32)	L7 AR-1260-2	7.328	6.410	165.7E6	196.5E6	536.948	587.504
33)	L7 AR-1260-3	7.685	6.564	141.5E6	161.2E6	551.721	546.660
34)	L7 AR-1260-4	7.906	7.036	122.6E6	133.3E6	526.466	597.798
35)	L7 AR-1260-5	8.212	7.276	311.0E6	364.0E6	536.094	593.881

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

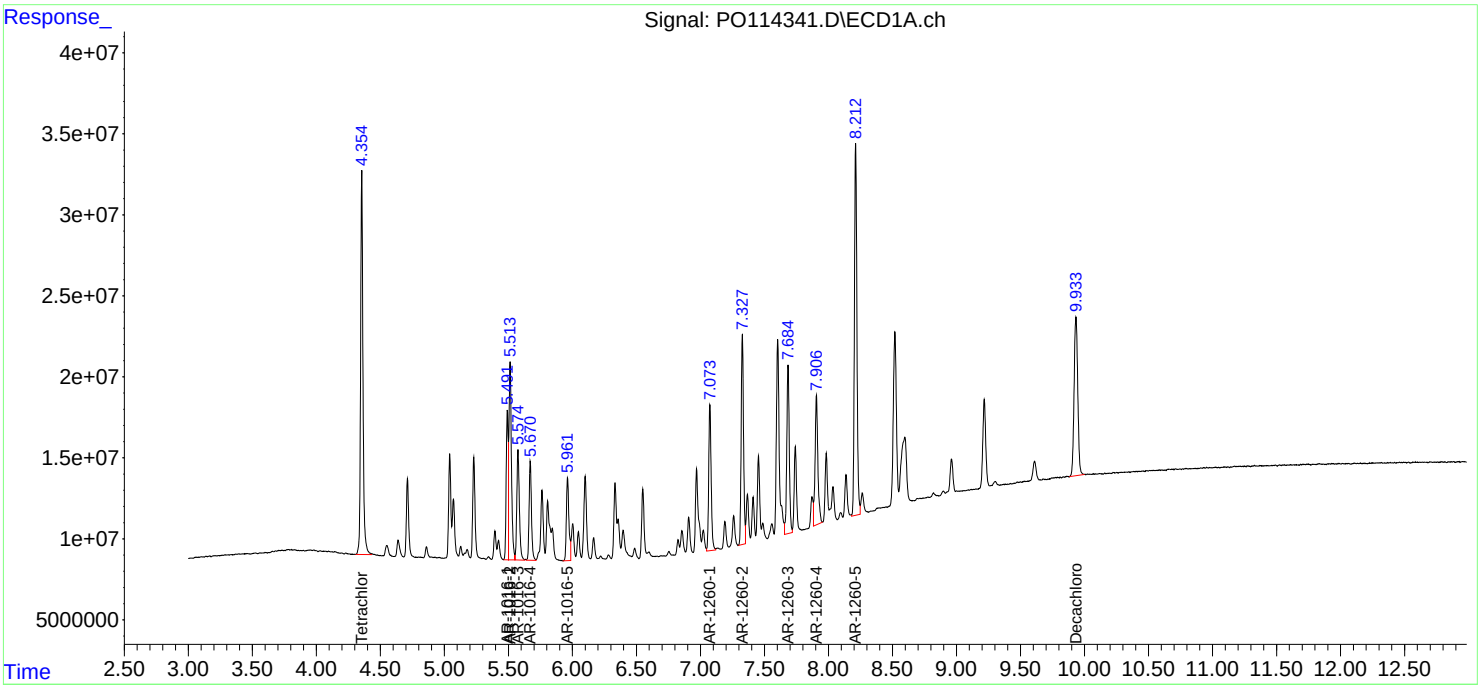
ICAL Form

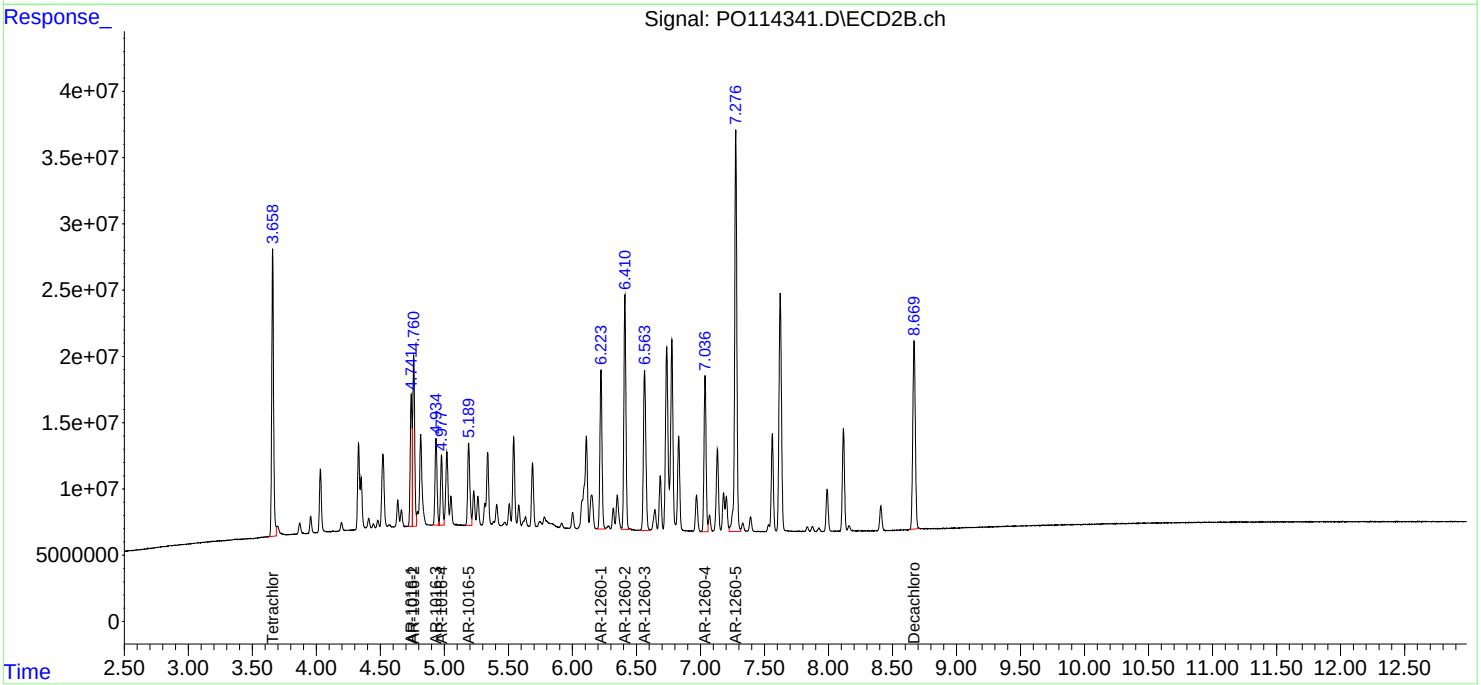
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:47
Operator : YP/AJ
Sample : PO100925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

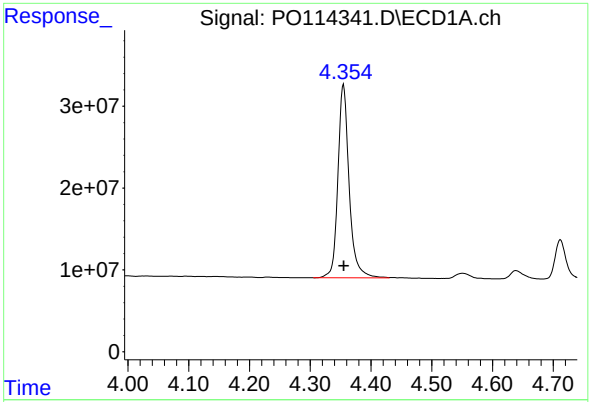
Instrument :
ECD_O
ClientSampleId :
ICVPO100925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 05:08:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 05:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



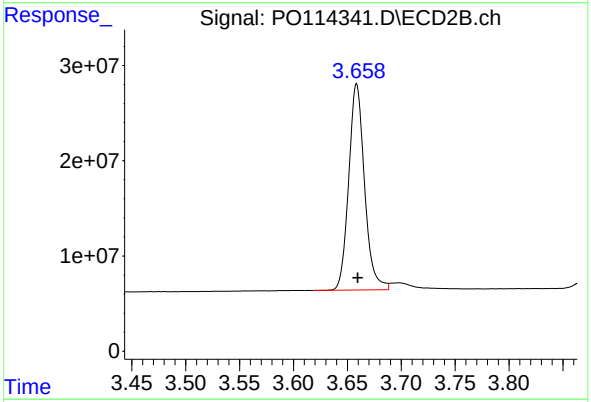




#1 Tetrachloro-m-xylene

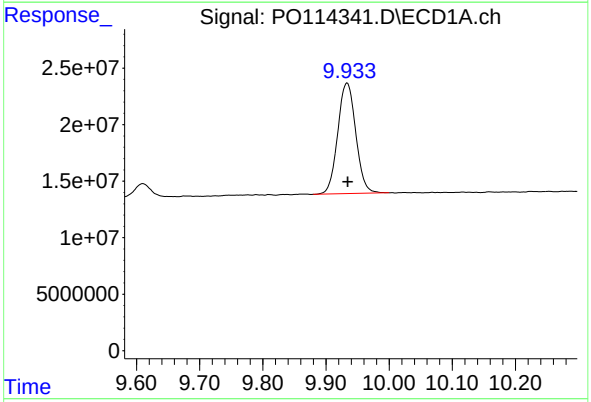
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 303735636
Conc: 55.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



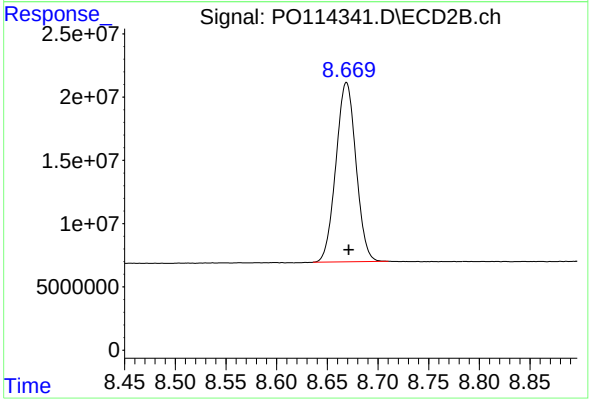
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 221282289
Conc: 55.29 ng/ml



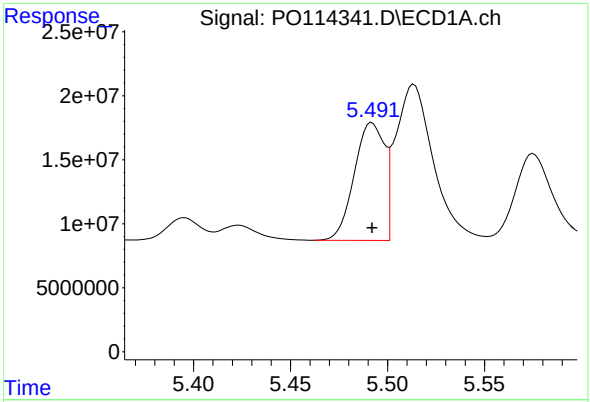
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 194520396
Conc: 53.42 ng/ml



#2 Decachlorobiphenyl

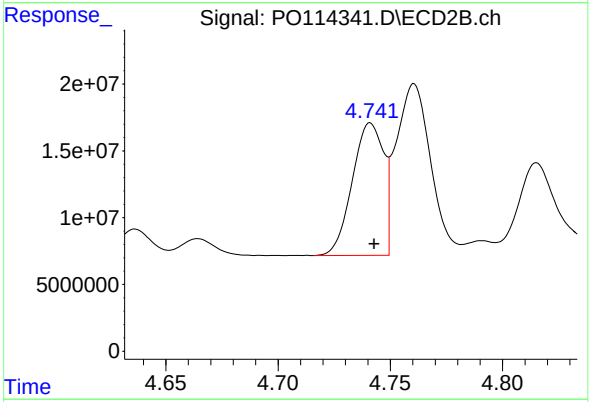
R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 195474249
Conc: 58.64 ng/ml



#3 AR-1016-1

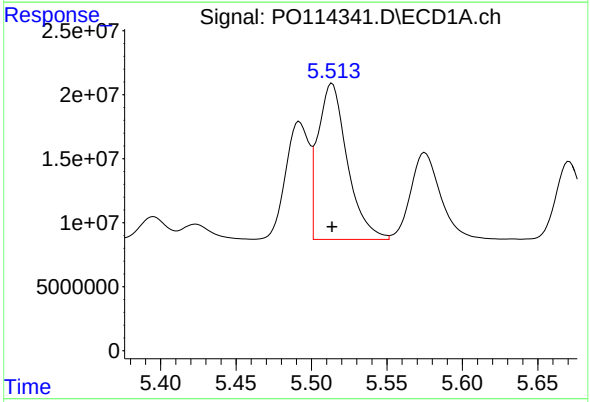
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 99538435
Conc: 551.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



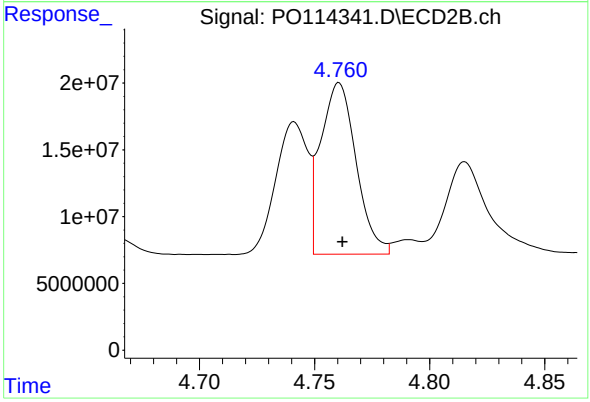
#3 AR-1016-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 96288840
Conc: 571.84 ng/ml



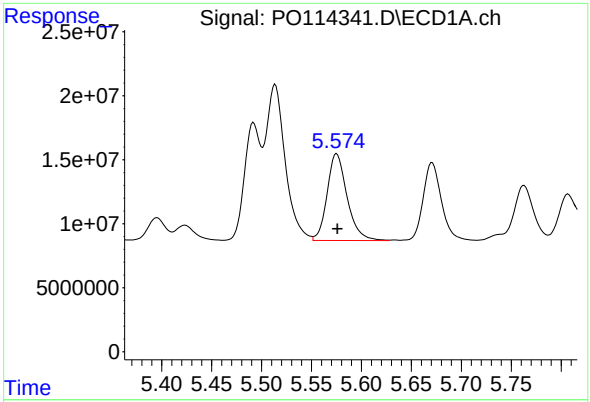
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 164778935
Conc: 541.51 ng/ml



#4 AR-1016-2

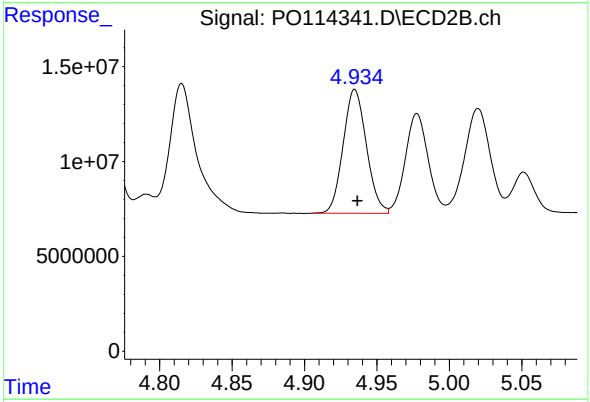
R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 137860153
Conc: 569.59 ng/ml



#5 AR-1016-3

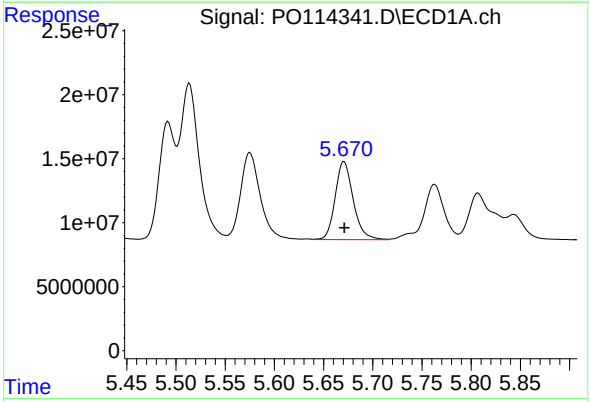
R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 94543131
Conc: 534.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



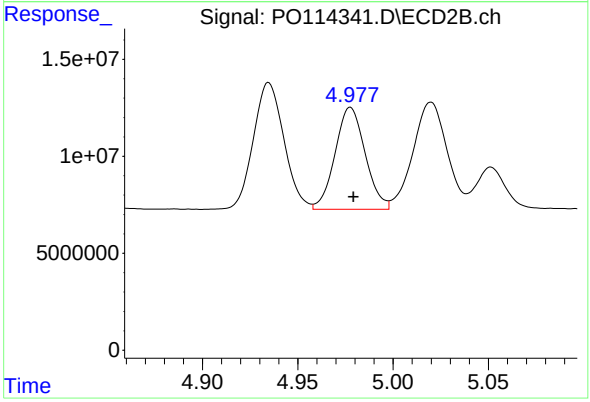
#5 AR-1016-3

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 72943991
Conc: 587.53 ng/ml



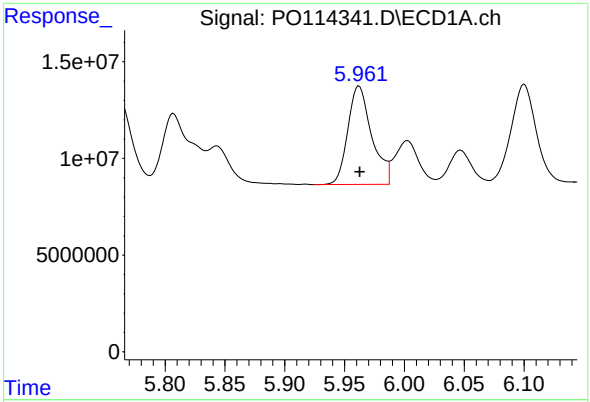
#6 AR-1016-4

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 77904177
Conc: 566.35 ng/ml



#6 AR-1016-4

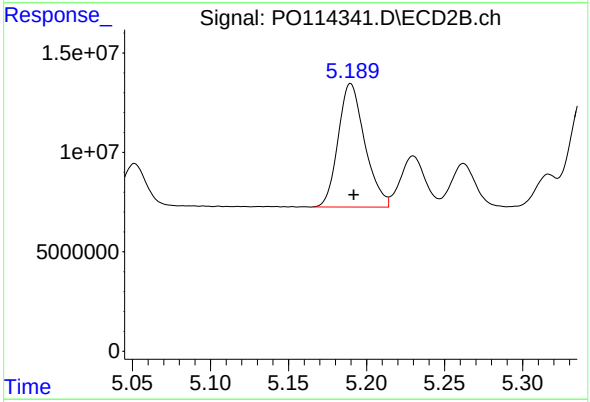
R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 57848182
Conc: 599.30 ng/ml



#7 AR-1016-5

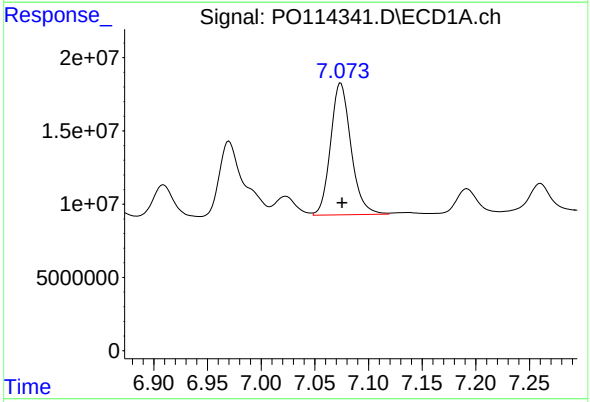
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 70772325
Conc: 560.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



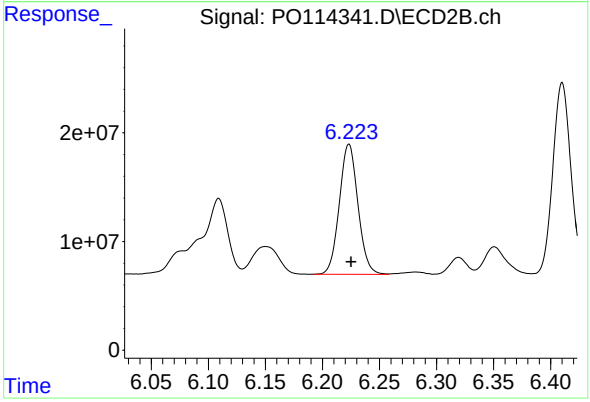
#7 AR-1016-5

R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 73749593
Conc: 576.82 ng/ml



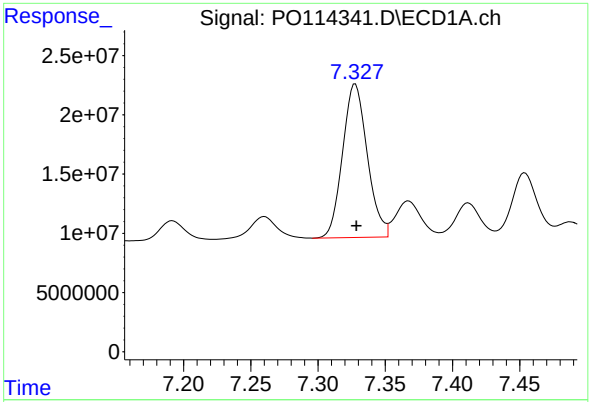
#31 AR-1260-1

R.T.: 7.074 min
Delta R.T.: -0.001 min
Response: 119224134
Conc: 547.07 ng/ml



#31 AR-1260-1

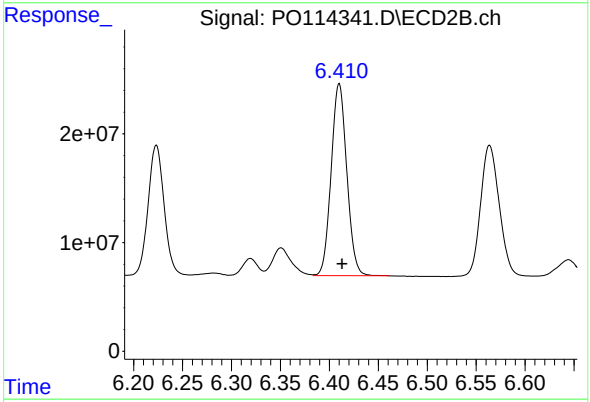
R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 136126058
Conc: 578.07 ng/ml



#32 AR-1260-2

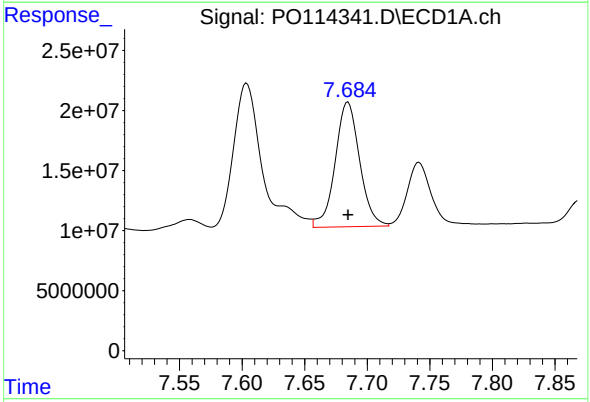
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 165650949
Conc: 536.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



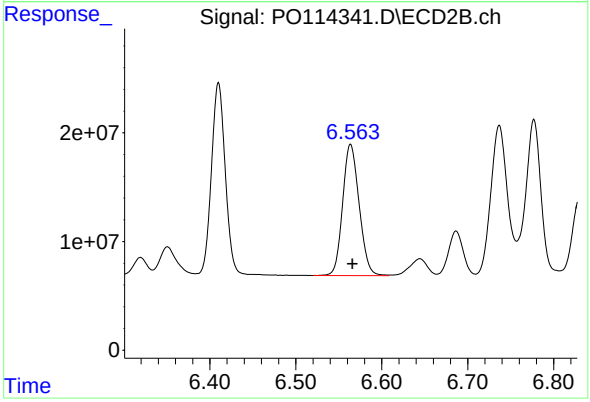
#32 AR-1260-2

R.T.: 6.410 min
Delta R.T.: -0.003 min
Response: 196454829
Conc: 587.50 ng/ml



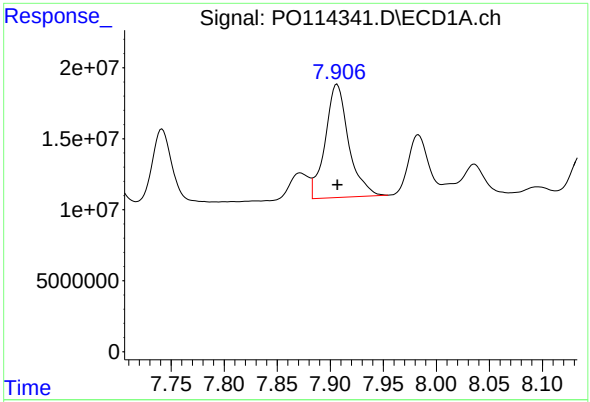
#33 AR-1260-3

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 141500233
Conc: 551.72 ng/ml



#33 AR-1260-3

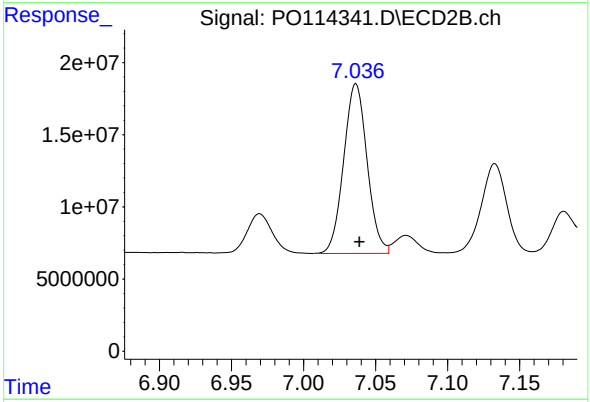
R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 161232729
Conc: 546.66 ng/ml



#34 AR-1260-4

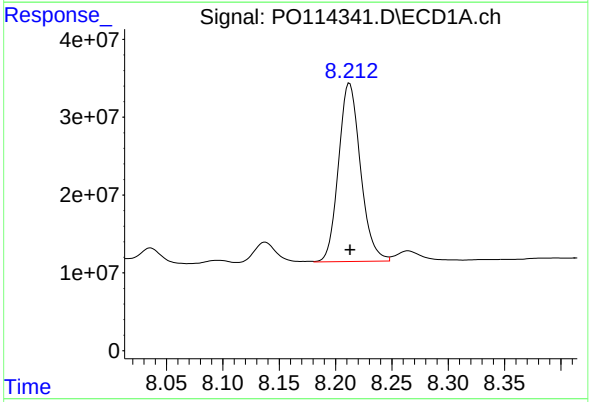
R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 122624107
Conc: 526.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



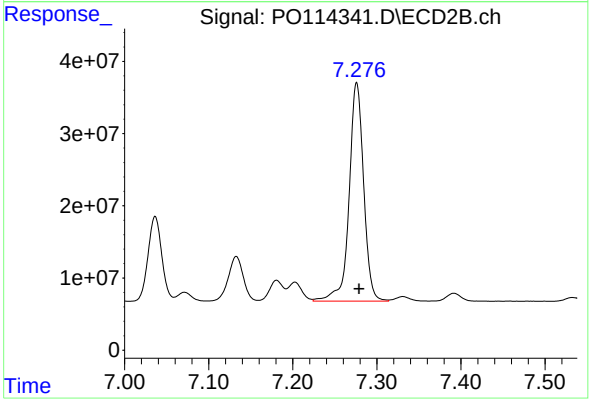
#34 AR-1260-4

R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 133254746
Conc: 597.80 ng/ml



#35 AR-1260-5

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 311020347
Conc: 536.09 ng/ml



#35 AR-1260-5

R.T.: 7.276 min
Delta R.T.: -0.003 min
Response: 364026216
Conc: 593.88 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 23:24
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:28:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 06:27:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.356	3.659	330.2E6	242.7E6	56.930	55.288
2)	SA Decachlor...	9.933	8.668	209.0E6	210.1E6	55.194	56.583
	Target Compounds						
16)	L4 AR-1242-1	5.493	4.742	74855956	73484854	568.971	562.616
17)	L4 AR-1242-2	5.515	4.761	125.5E6	104.9E6	571.646	561.446
18)	L4 AR-1242-3	5.577	4.935	70973901	55495611	575.481	579.865
19)	L4 AR-1242-4	5.672	5.020	60470740	52334489	589.415	566.736
20)	L4 AR-1242-5	6.397	5.541	61512975	70272464	531.045	573.369

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

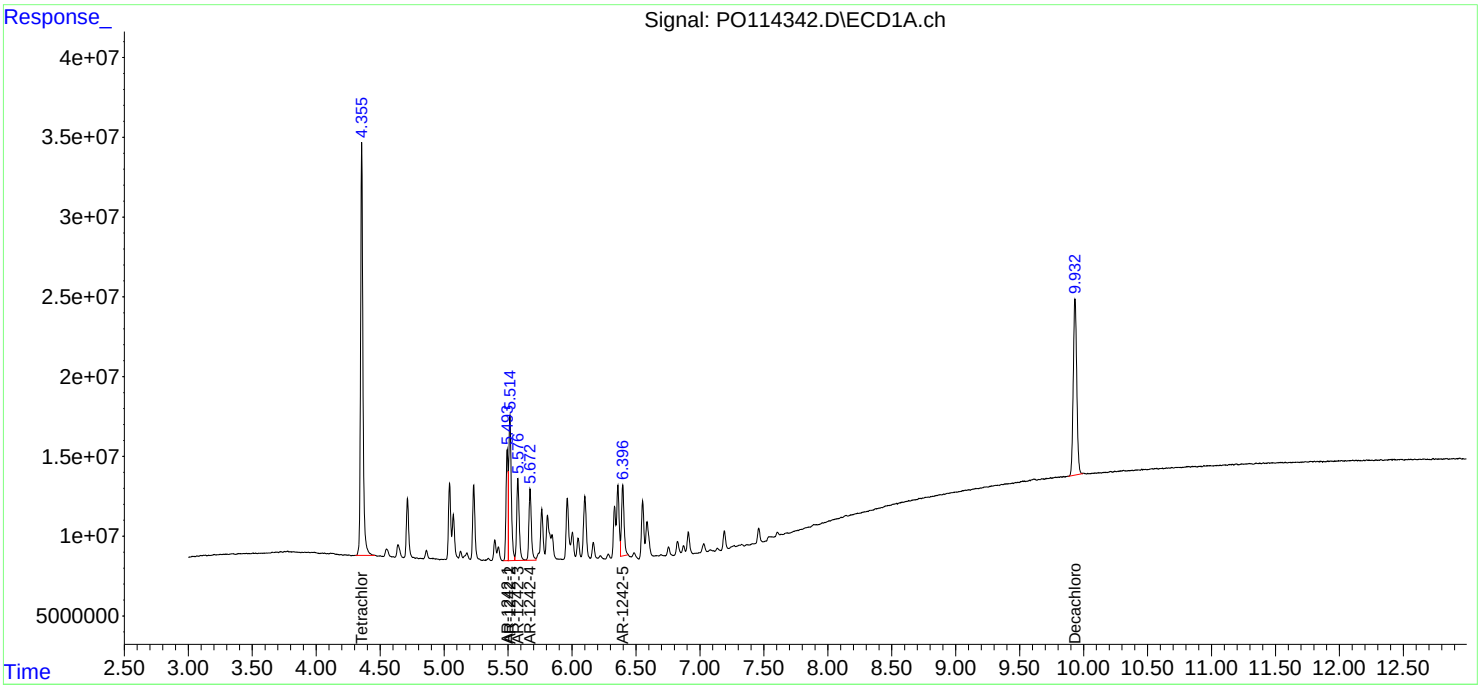
ICAL Form

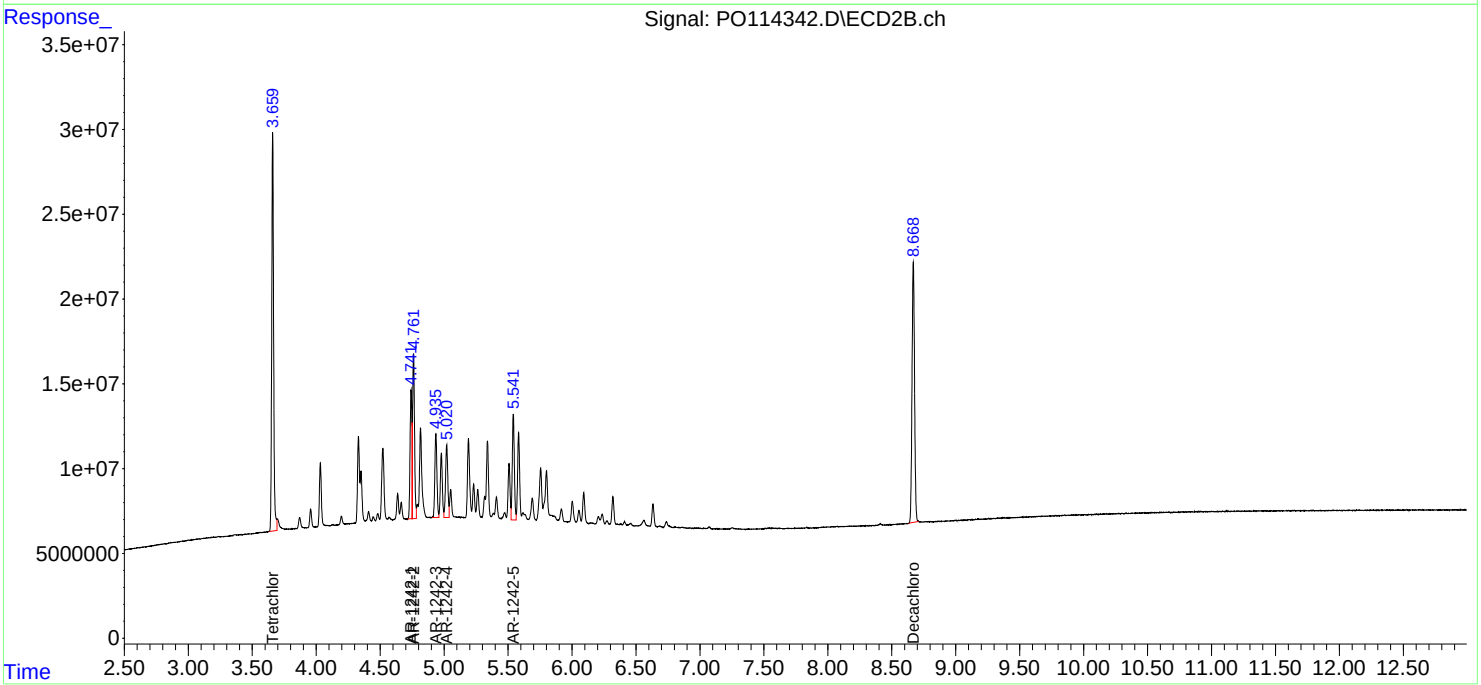
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 23:24
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

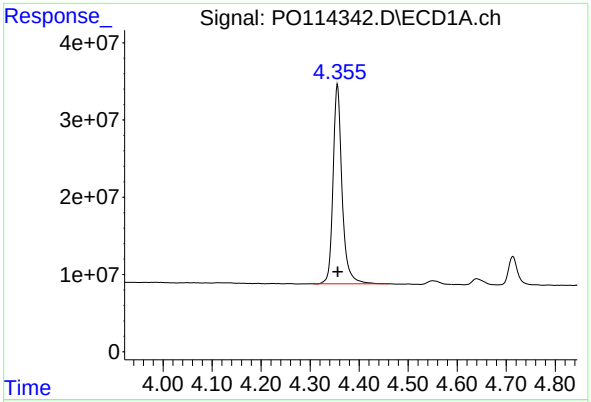
Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:28:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 06:27:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



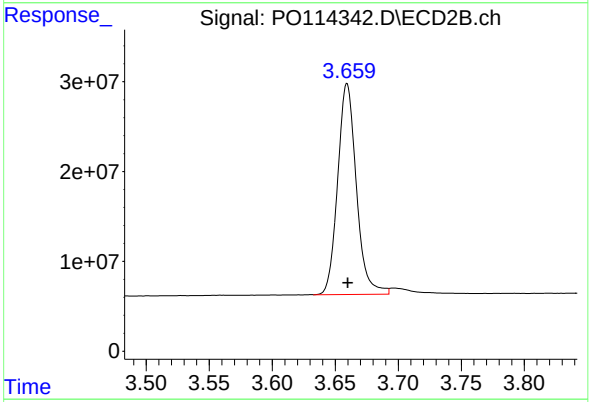




#1 Tetrachloro-m-xylene

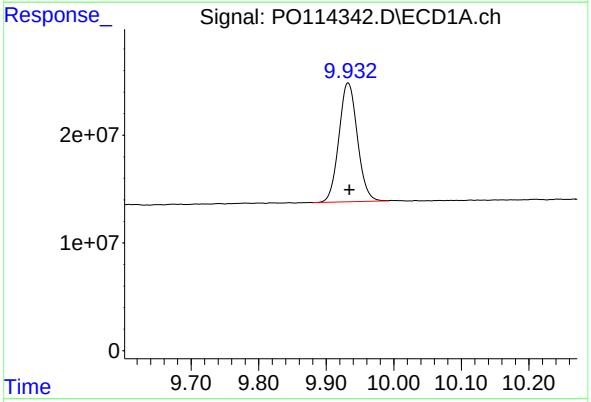
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 330165981
Conc: 56.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242



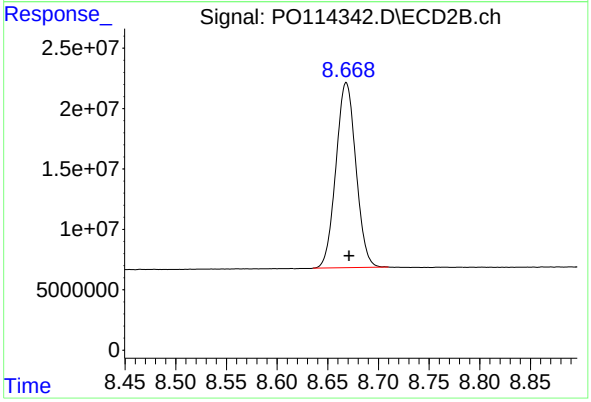
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 242654687
Conc: 55.29 ng/ml



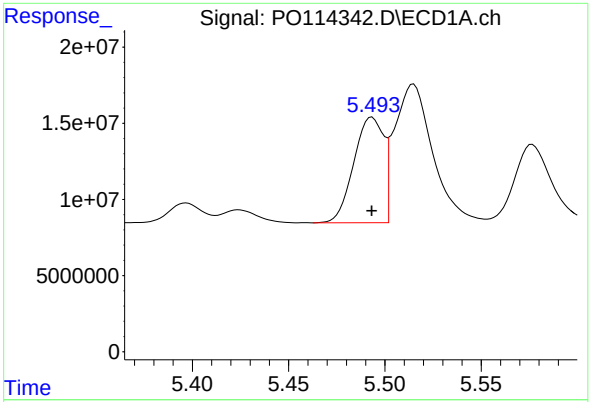
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: -0.001 min
Response: 208991488
Conc: 55.19 ng/ml



#2 Decachlorobiphenyl

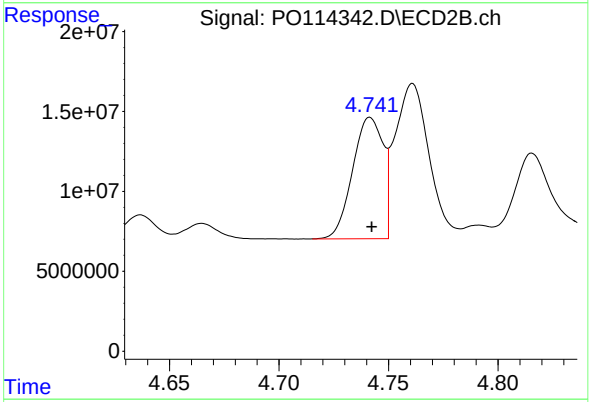
R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 210139489
Conc: 56.58 ng/ml



#16 AR-1242-1

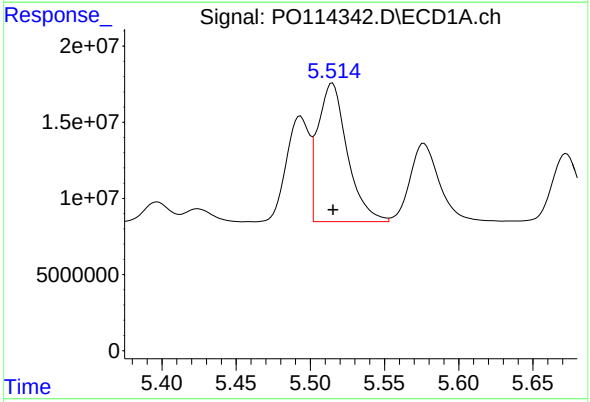
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 74855956
Conc: 568.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242



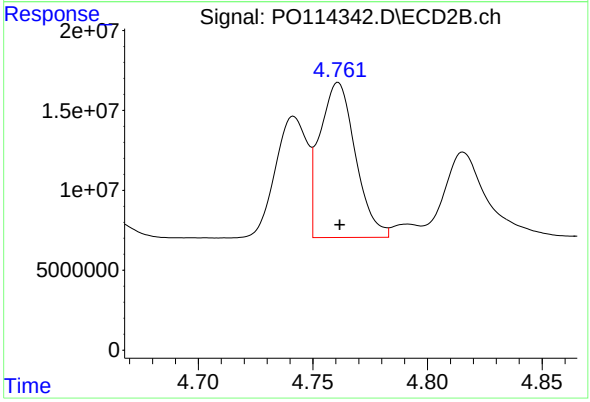
#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 73484854
Conc: 562.62 ng/ml



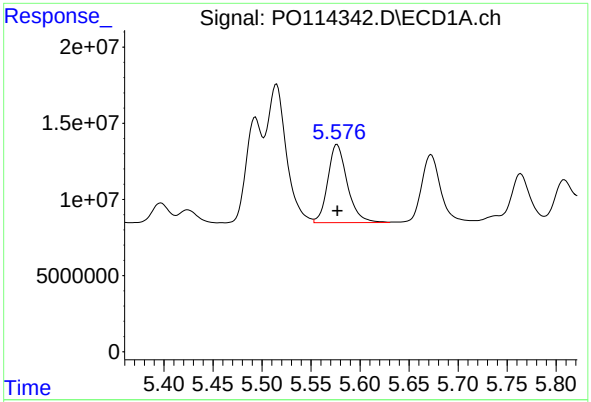
#17 AR-1242-2

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 125506106
Conc: 571.65 ng/ml



#17 AR-1242-2

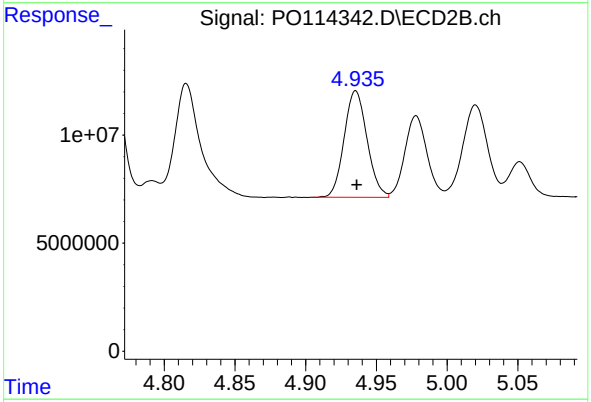
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 104870843
Conc: 561.45 ng/ml



#18 AR-1242-3

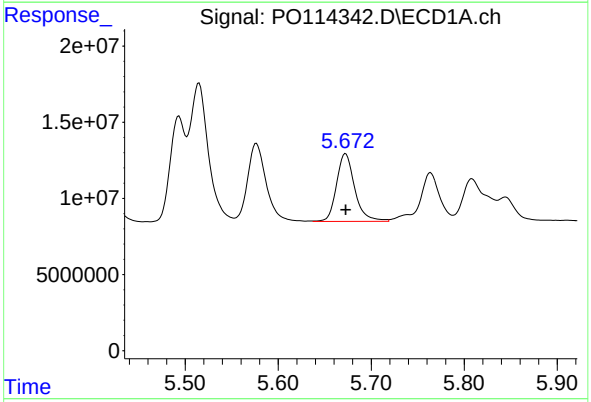
R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 70973901
Conc: 575.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242



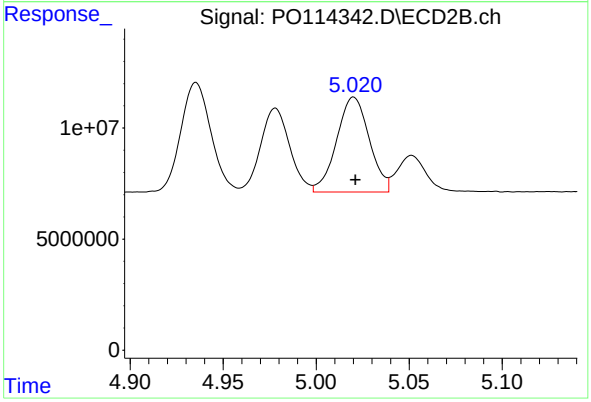
#18 AR-1242-3

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 55495611
Conc: 579.87 ng/ml



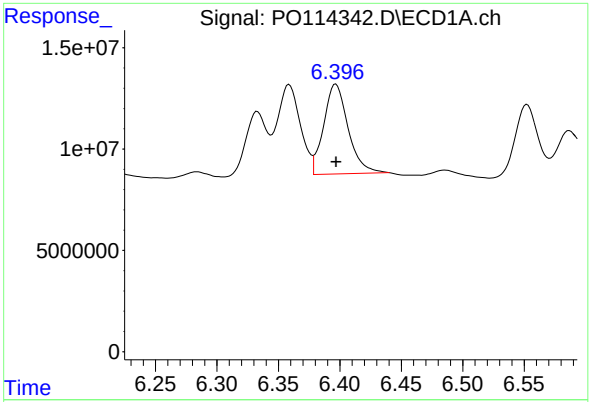
#19 AR-1242-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 60470740
Conc: 589.42 ng/ml



#19 AR-1242-4

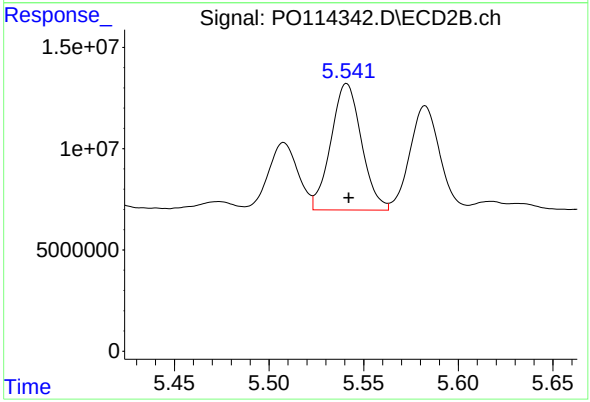
R.T.: 5.020 min
Delta R.T.: -0.001 min
Response: 52334489
Conc: 566.74 ng/ml



#20 AR-1242-5

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 61512975
Conc: 531.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242



#20 AR-1242-5

R.T.: 5.541 min
Delta R.T.: -0.001 min
Response: 70272464
Conc: 573.37 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 00:01
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:25:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 06:23:10 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...	4.355	3.659	323.0E6	243.1E6	54.897	53.920
2)	SA Decachlor...	9.932	8.668	207.6E6	205.8E6	54.042	53.319
	Target Compounds						
21)	L5 AR-1248-1	5.493	4.741	55117834	54823501	560.378	556.610
22)	L5 AR-1248-2	5.763	4.977	79979285	73013380	557.096	544.657
23)	L5 AR-1248-3	5.963	5.019	87657260	75935860	551.958	544.180
24)	L5 AR-1248-4	6.358	5.190	103.9E6	89692398	530.899	545.693
25)	L5 AR-1248-5	6.397	5.583	100.3E6	92535596	501.102	545.680

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

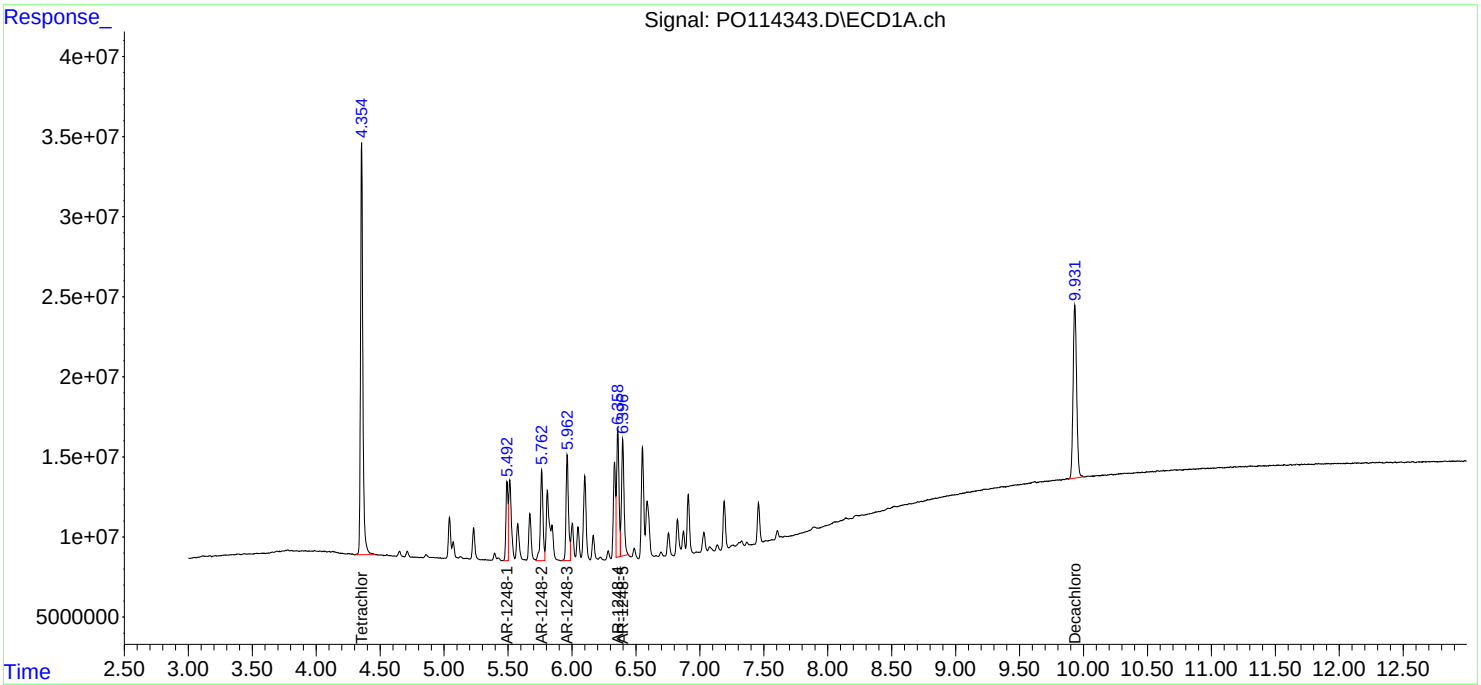
ICAL Form

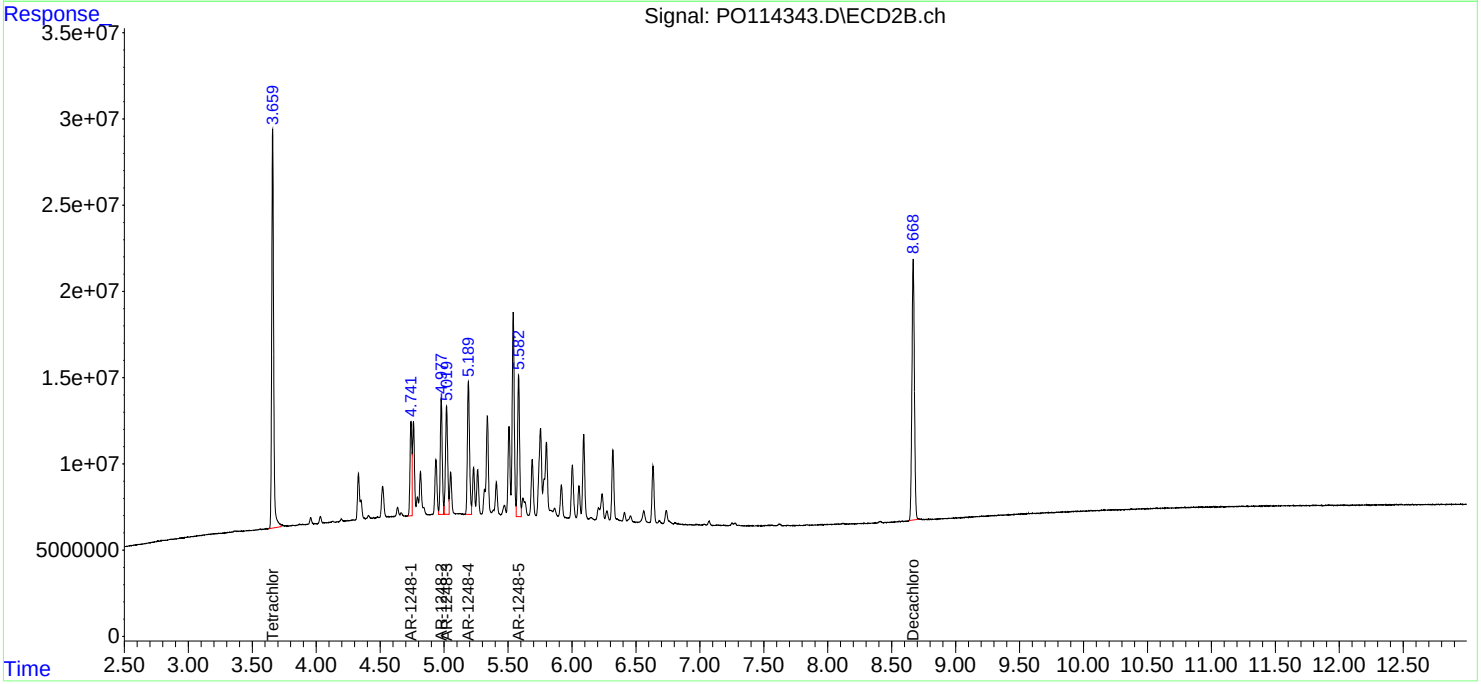
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 00:01
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

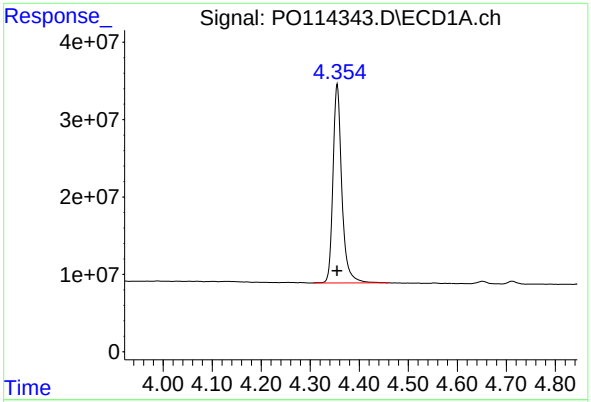
Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:25:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 06:23:10 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



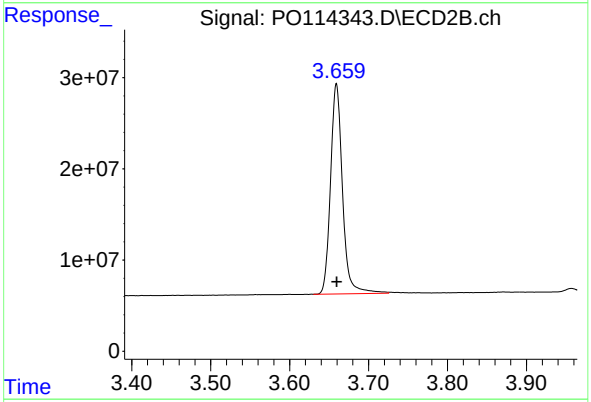




#1 Tetrachloro-m-xylene

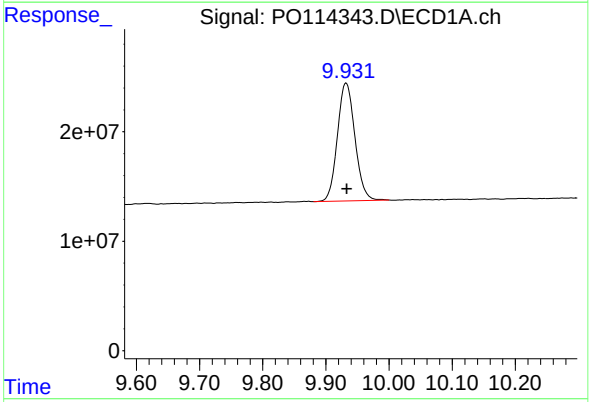
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 323038647
Conc: 54.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248



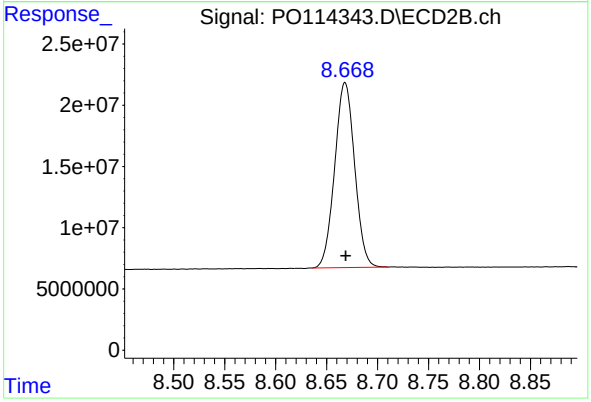
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 243078053
Conc: 53.92 ng/ml



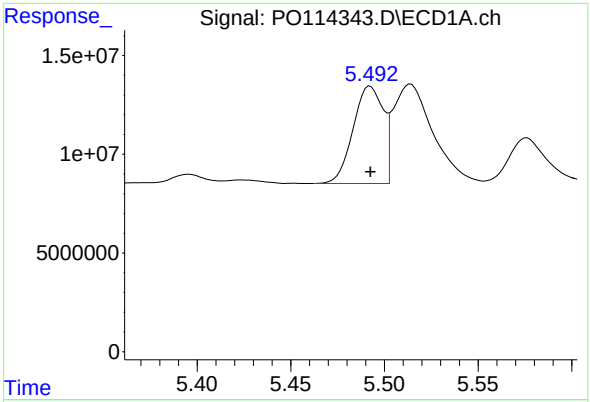
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: -0.001 min
Response: 207634181
Conc: 54.04 ng/ml



#2 Decachlorobiphenyl

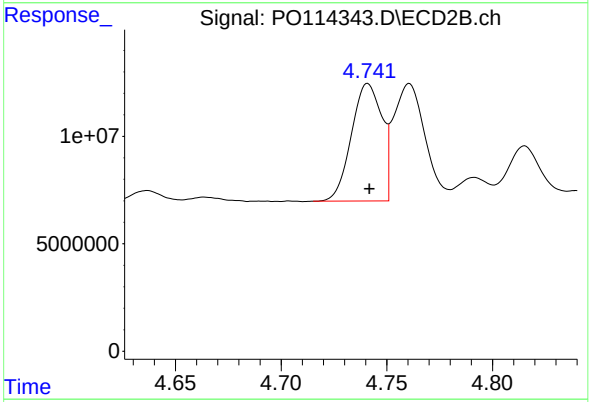
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 205750835
Conc: 53.32 ng/ml



#21 AR-1248-1

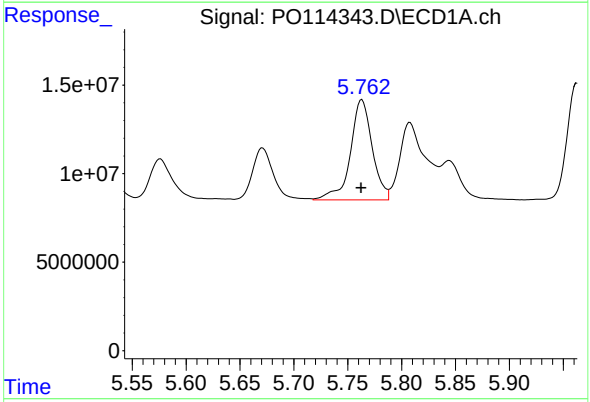
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 55117834
Conc: 560.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248



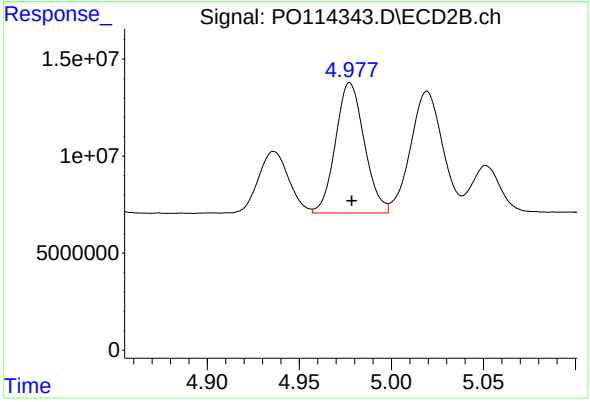
#21 AR-1248-1

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 54823501
Conc: 556.61 ng/ml



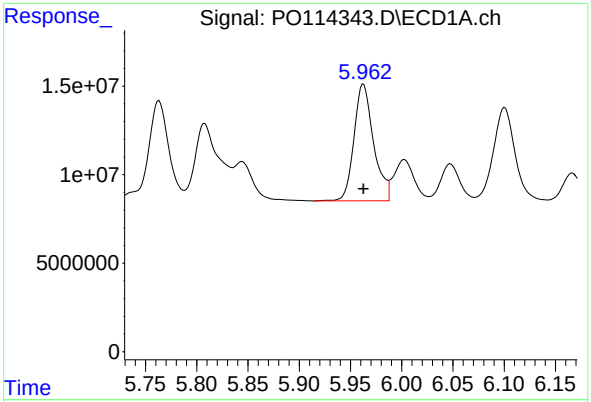
#22 AR-1248-2

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 79979285
Conc: 557.10 ng/ml



#22 AR-1248-2

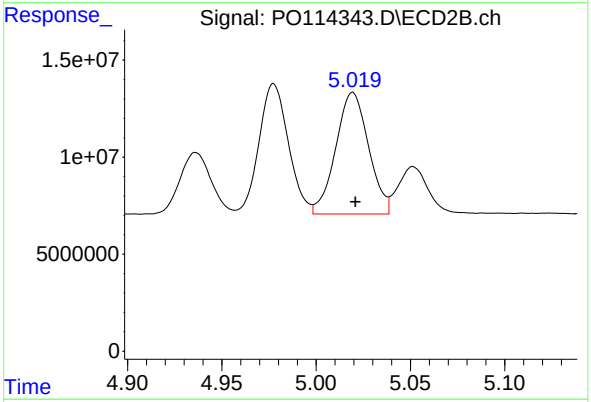
R.T.: 4.977 min
Delta R.T.: -0.001 min
Response: 73013380
Conc: 544.66 ng/ml



#23 AR-1248-3

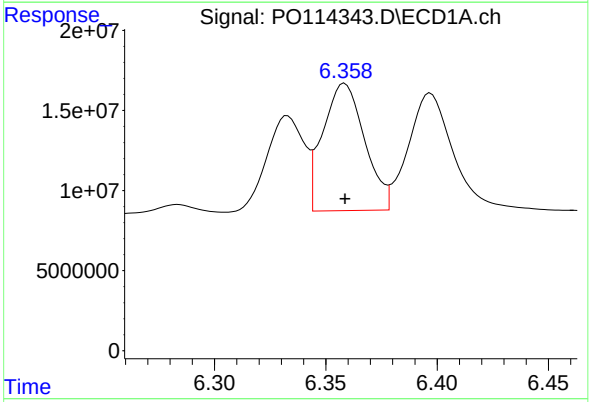
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 87657260
Conc: 551.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248



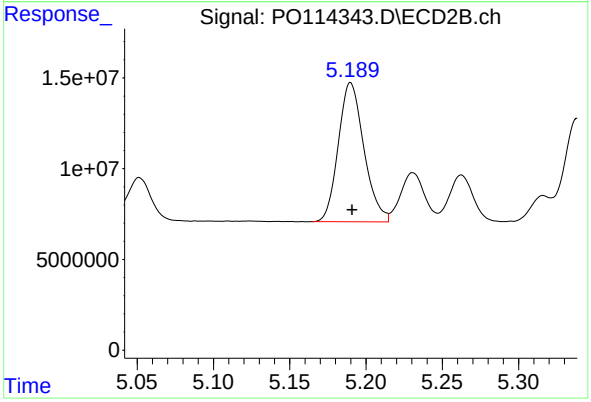
#23 AR-1248-3

R.T.: 5.019 min
Delta R.T.: -0.001 min
Response: 75935860
Conc: 544.18 ng/ml



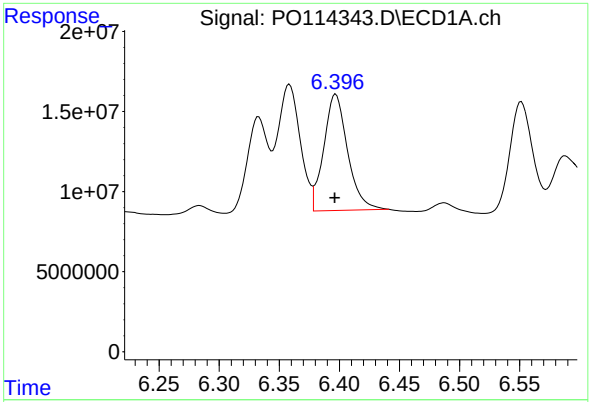
#24 AR-1248-4

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 103944826
Conc: 530.90 ng/ml



#24 AR-1248-4

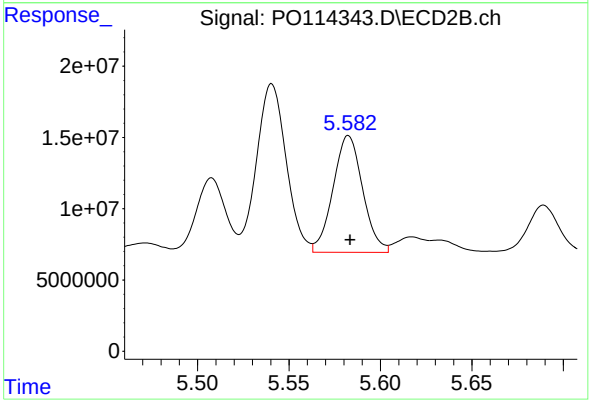
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 89692398
Conc: 545.69 ng/ml



#25 AR-1248-5

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 100317730
Conc: 501.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248



#25 AR-1248-5

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 92535596
Conc: 545.68 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 00:38
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:34:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 06:32:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.357	3.659	314.3E6	241.0E6	53.965	54.148
2)	SA Decachlor...	9.933	8.668	205.4E6	202.3E6	54.240	53.024
	Target Compounds						
26)	L6 AR-1254-1	6.336	5.542	95733432	143.0E6	548.762	538.035
27)	L6 AR-1254-2	6.552	5.689	140.9E6	127.1E6	553.115	533.511
28)	L6 AR-1254-3	6.911	6.092	156.5E6	193.5E6	541.767	545.888
29)	L6 AR-1254-4	7.192	6.320	131.2E6	140.9E6	554.609	545.891
30)	L6 AR-1254-5	7.607	6.738	121.7E6	175.5E6	554.705	548.175

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

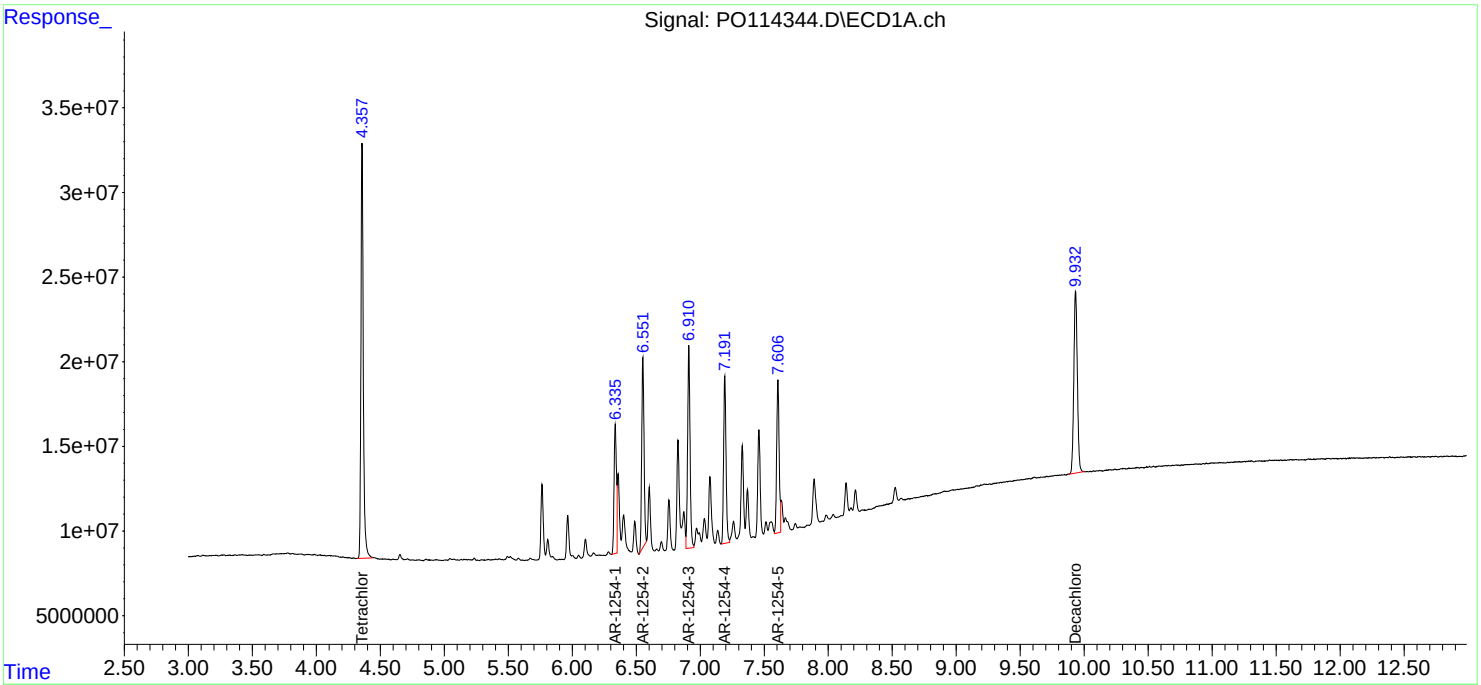
ICAL Form

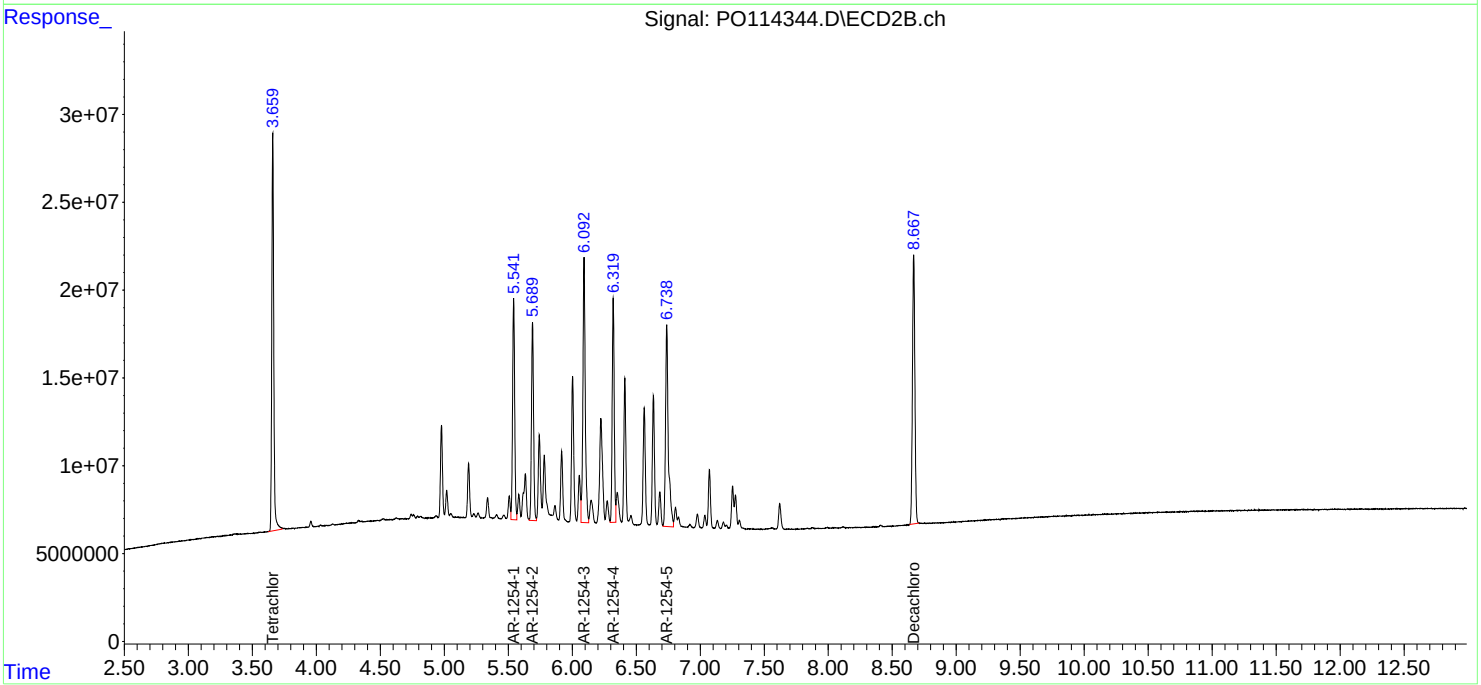
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 00:38
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

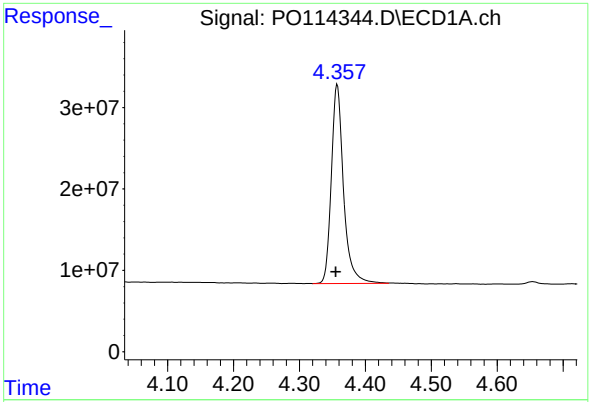
Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:34:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 06:32:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



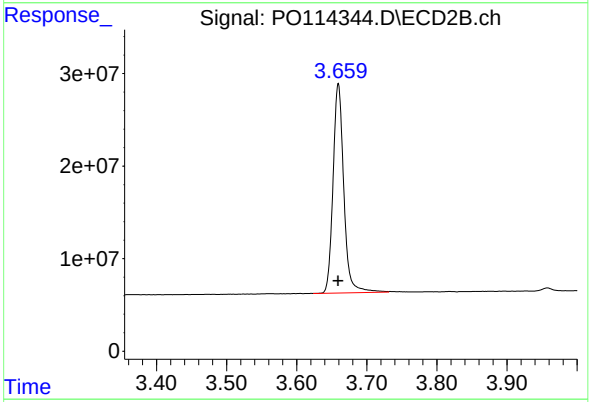




#1 Tetrachloro-m-xylene

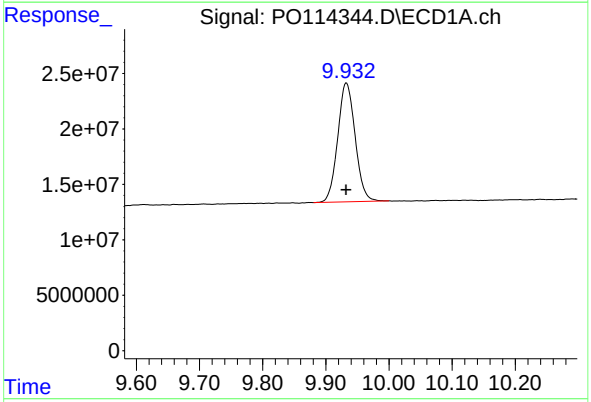
R.T.: 4.357 min
Delta R.T.: 0.002 min
Response: 314337262
Conc: 53.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254



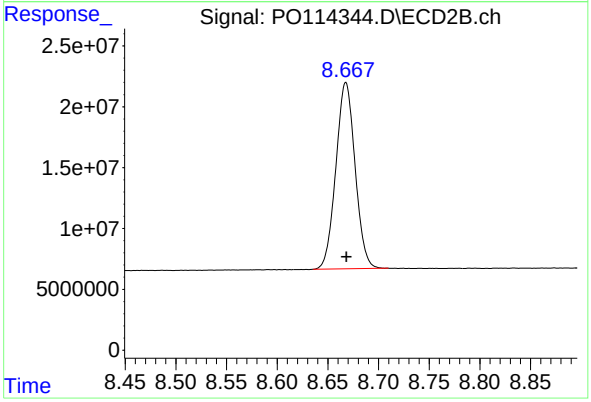
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 240957612
Conc: 54.15 ng/ml



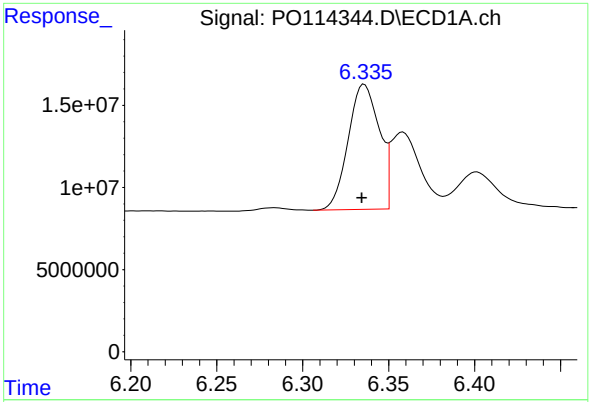
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 205440748
Conc: 54.24 ng/ml



#2 Decachlorobiphenyl

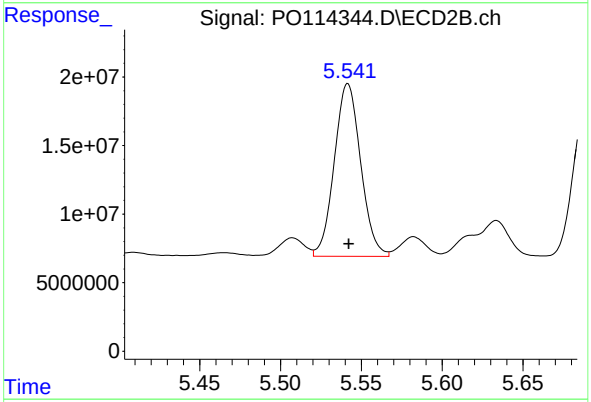
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 202319037
Conc: 53.02 ng/ml



#26 AR-1254-1

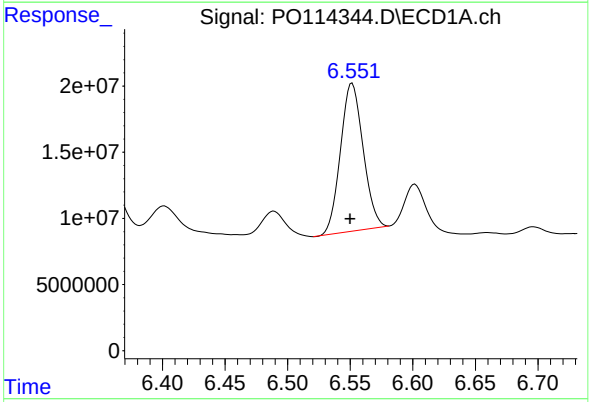
R.T.: 6.336 min
Delta R.T.: 0.002 min
Response: 95733432
Conc: 548.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254



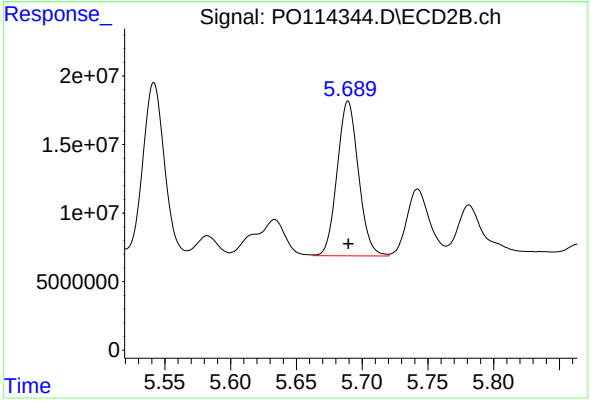
#26 AR-1254-1

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 142952833
Conc: 538.04 ng/ml



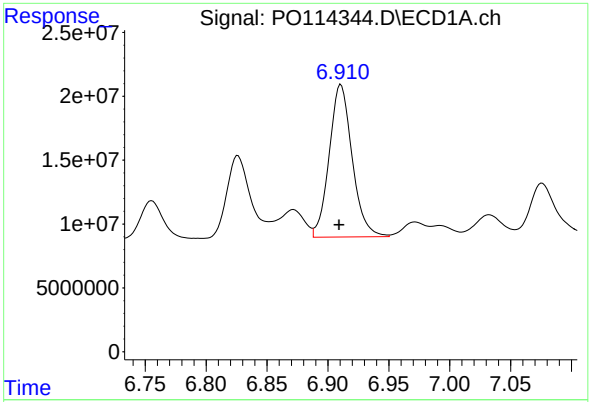
#27 AR-1254-2

R.T.: 6.552 min
Delta R.T.: 0.002 min
Response: 140881990
Conc: 553.11 ng/ml



#27 AR-1254-2

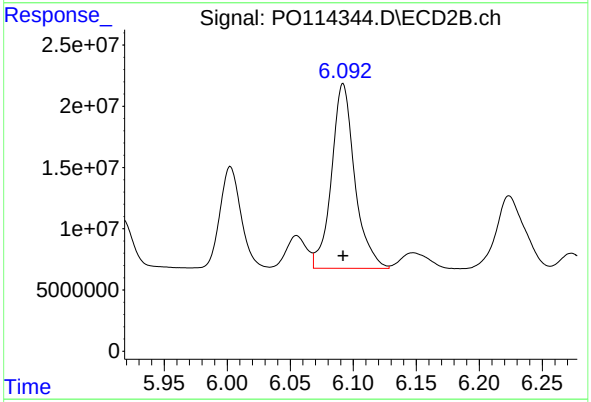
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 127099389
Conc: 533.51 ng/ml



#28 AR-1254-3

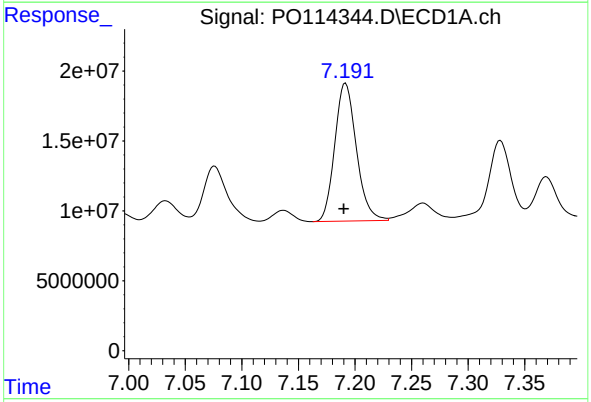
R.T.: 6.911 min
Delta R.T.: 0.001 min
Response: 156538386
Conc: 541.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254



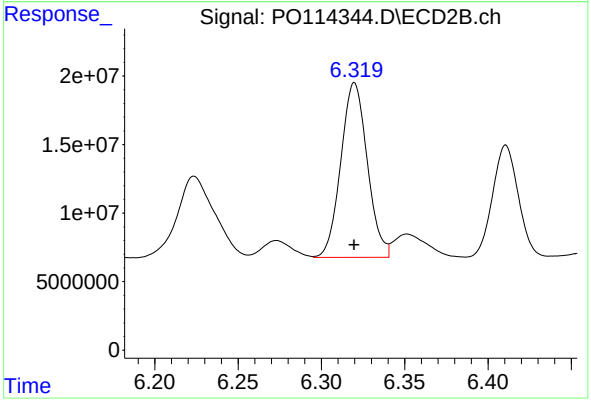
#28 AR-1254-3

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 193466821
Conc: 545.89 ng/ml



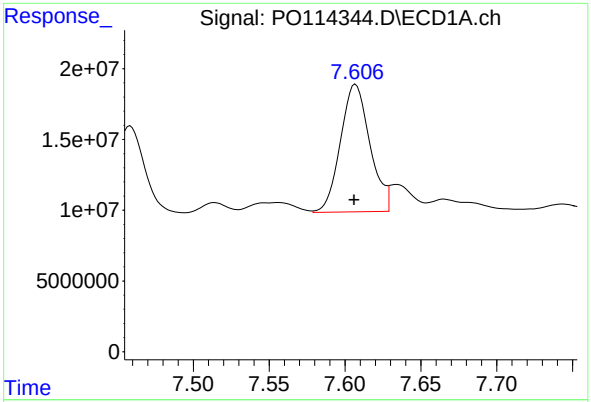
#29 AR-1254-4

R.T.: 7.192 min
Delta R.T.: 0.002 min
Response: 131246064
Conc: 554.61 ng/ml



#29 AR-1254-4

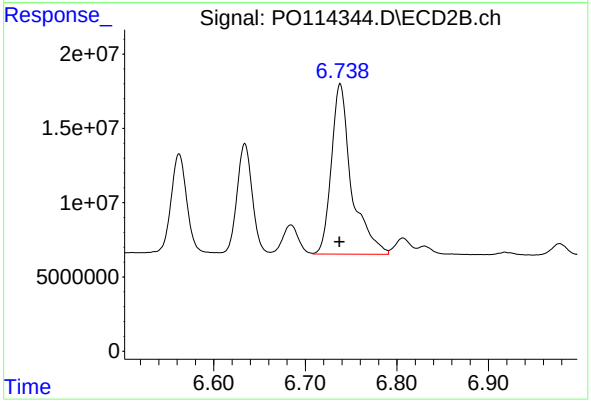
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 140925293
Conc: 545.89 ng/ml



#30 AR-1254-5

R.T.: 7.607 min
Delta R.T.: 0.001 min
Response: 121744321
Conc: 554.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254



#30 AR-1254-5

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 175527571
Conc: 548.17 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 01:14
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:52:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:51:11 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...	4.355	3.659	331.2E6	248.4E6	53.667	52.840
2)	SA Decachlor...	9.931	8.669	379.9E6	358.2E6	53.869	50.737
	Target Compounds						
41)	L9 AR-1268-1	8.512	7.563	393.2E6	423.9E6	536.591	518.115
42)	L9 AR-1268-2	8.601	7.627	334.7E6	356.6E6	538.610	519.303
43)	L9 AR-1268-3	8.821	7.837	306.9E6	305.3E6	536.332	517.128
44)	L9 AR-1268-4	9.217	8.118	131.0E6	123.8E6	530.325	517.544
45)	L9 AR-1268-5	9.610	8.411	902.6E6	835.5E6	526.634	512.611

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

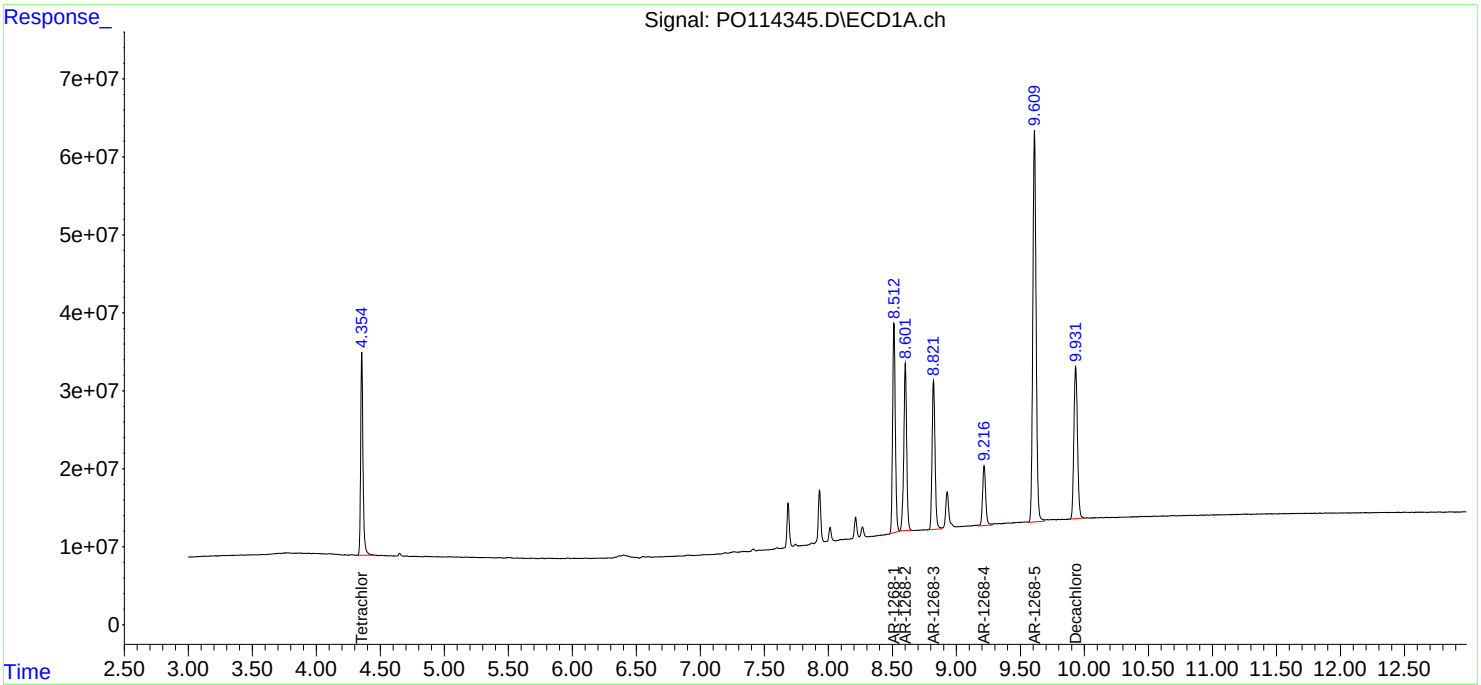
ICAL Form

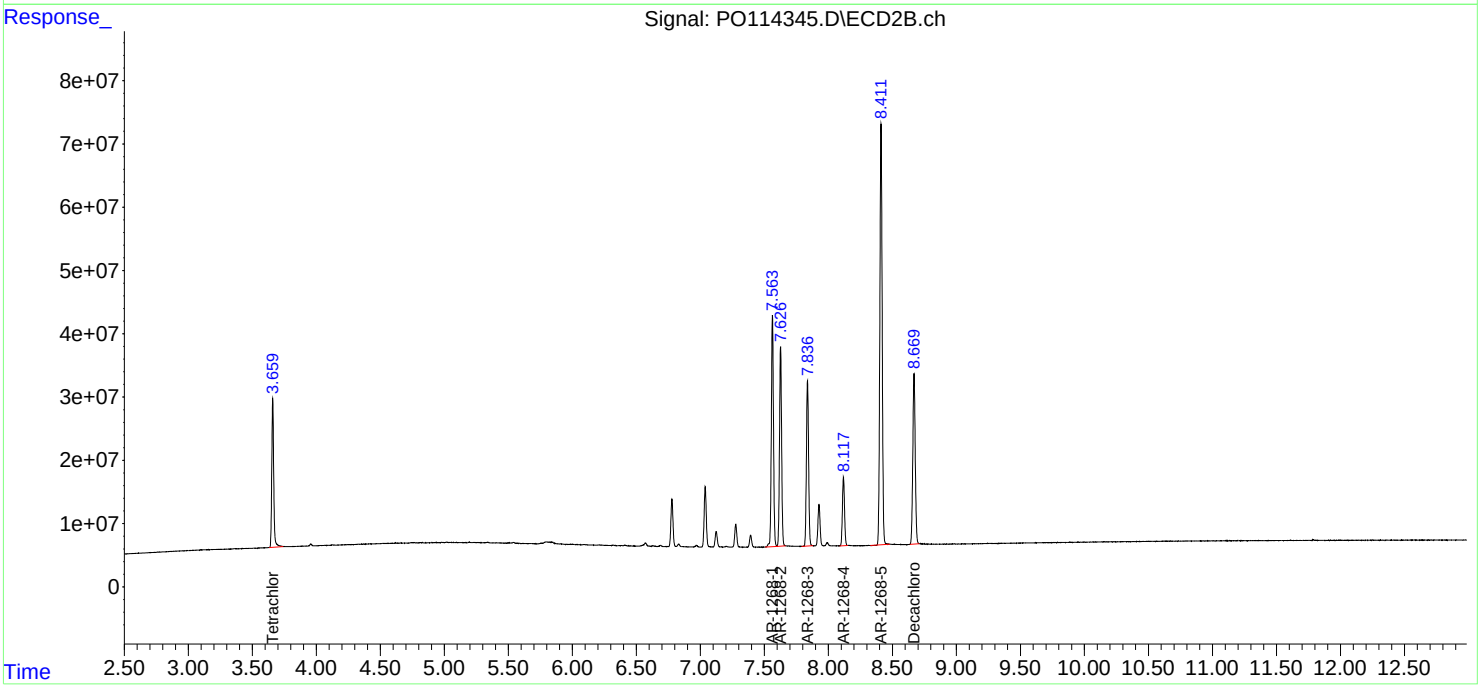
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 01:14
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

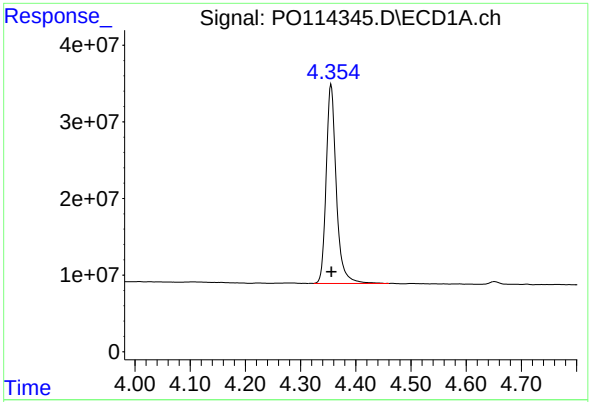
Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:52:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:51:11 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



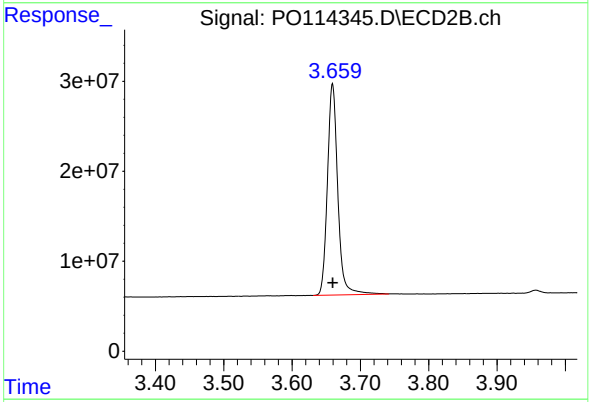




#1 Tetrachloro-m-xylene

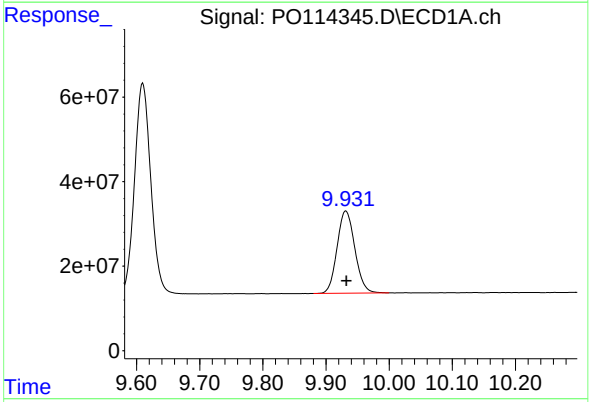
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 331220342
Conc: 53.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268



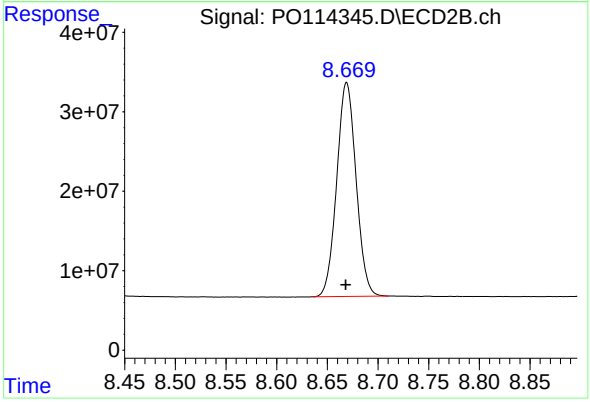
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 248406326
Conc: 52.84 ng/ml



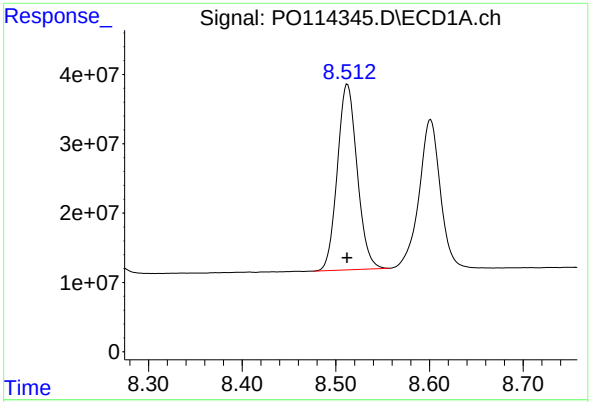
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 379908036
Conc: 53.87 ng/ml



#2 Decachlorobiphenyl

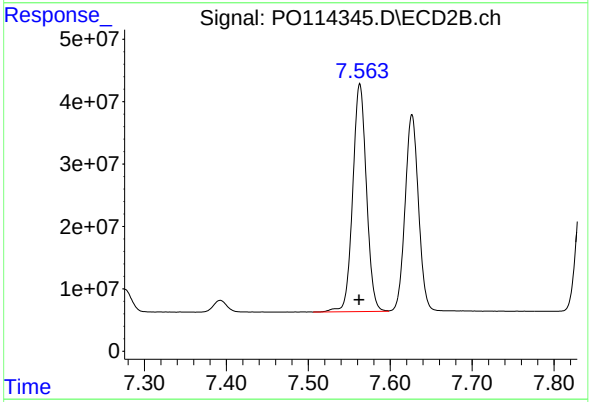
R.T.: 8.669 min
Delta R.T.: 0.001 min
Response: 358205285
Conc: 50.74 ng/ml



#41 AR-1268-1

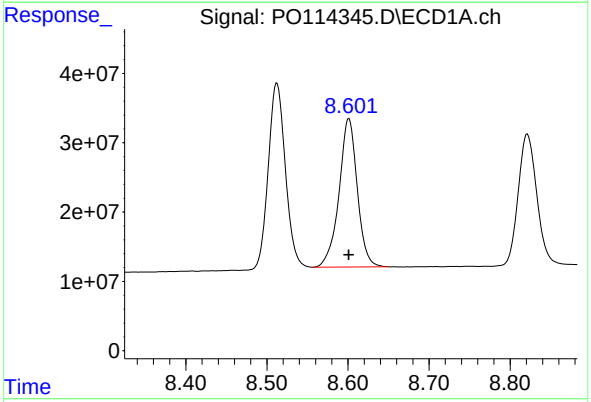
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 393220706
Conc: 536.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268



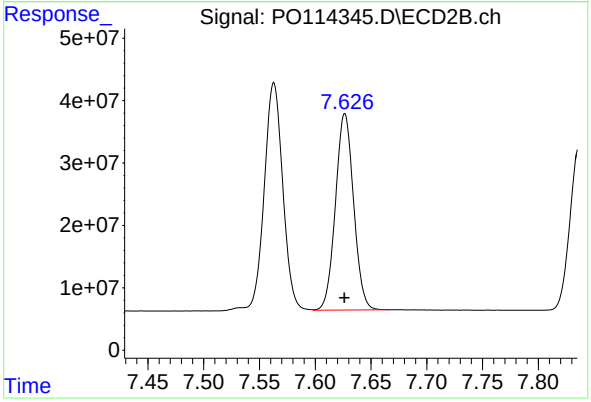
#41 AR-1268-1

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 423896138
Conc: 518.11 ng/ml



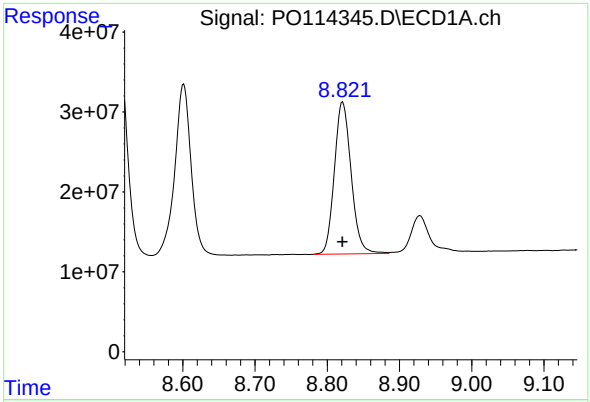
#42 AR-1268-2

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 334747804
Conc: 538.61 ng/ml



#42 AR-1268-2

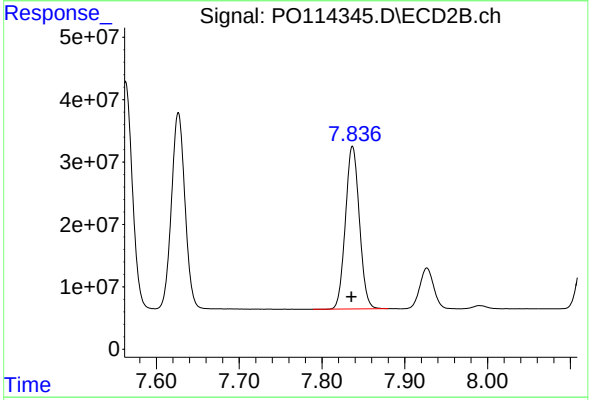
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 356632460
Conc: 519.30 ng/ml



#43 AR-1268-3

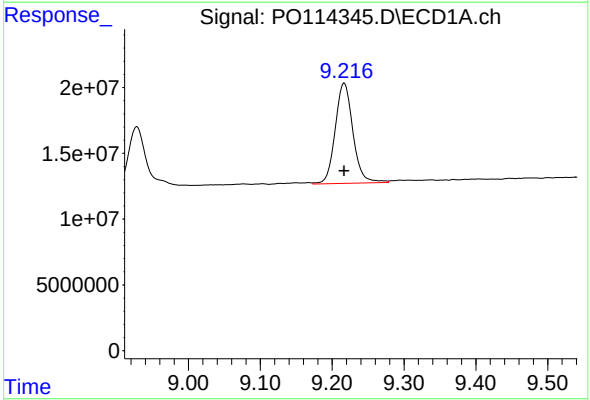
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 306864864
Conc: 536.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268



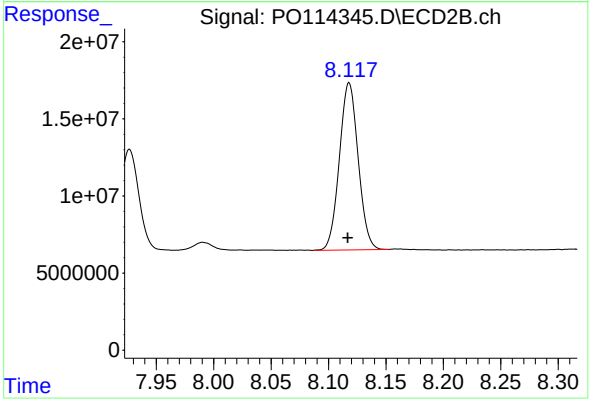
#43 AR-1268-3

R.T.: 7.837 min
Delta R.T.: 0.001 min
Response: 305316324
Conc: 517.13 ng/ml



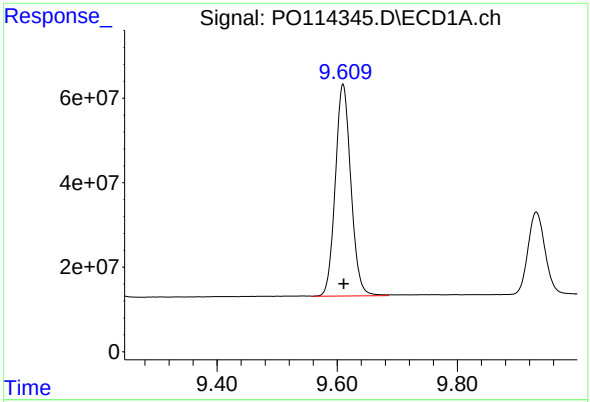
#44 AR-1268-4

R.T.: 9.217 min
Delta R.T.: 0.000 min
Response: 131012237
Conc: 530.33 ng/ml



#44 AR-1268-4

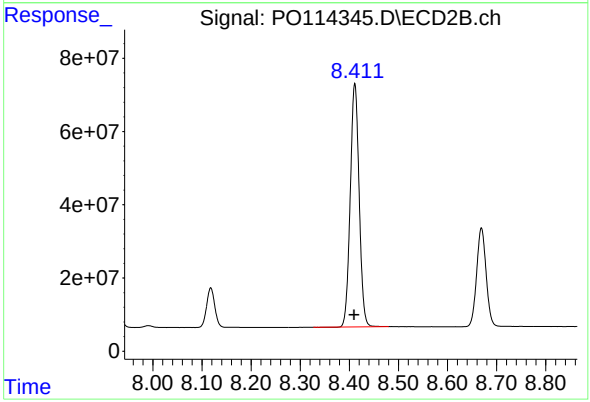
R.T.: 8.118 min
Delta R.T.: 0.001 min
Response: 123808824
Conc: 517.54 ng/ml



#45 AR-1268-5

R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 902572320
Conc: 526.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268



#45 AR-1268-5

R.T.: 8.411 min
Delta R.T.: 0.001 min
Response: 835534560
Conc: 512.61 ng/ml

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

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

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1016-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1016-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1016-5	(5)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-1	(1)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1260-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1260-3	(3)	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Aroclor-1260-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1260-5	(5)	8.56	8.55	8.55	8.55	8.56	8.55	8.45	8.65
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.64	4.65	4.65	4.64	4.54	4.74
Aroclor-1242-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1242-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1242-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1242-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1242-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1248-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1248-2	(2)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1248-3	(3)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1248-4	(4)	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
Aroclor-1248-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.43	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1254-1	(1)	6.65	6.65	6.65	6.65	6.64	6.65	6.55	6.75
Aroclor-1254-2	(2)	6.86	6.86	6.87	6.86	6.86	6.86	6.76	6.96
Aroclor-1254-3	(3)	7.23	7.23	7.23	7.23	7.22	7.23	7.13	7.33
Aroclor-1254-4	(4)	7.51	7.51	7.51	7.51	7.50	7.51	7.41	7.61
Aroclor-1254-5	(5)	7.93	7.92	7.93	7.93	7.92	7.92	7.82	8.02
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.64	4.65	4.55	4.75
Aroclor-1268-1	(1)	8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Aroclor-1268-2	(2)	8.97	8.97	8.97	8.98	8.97	8.97	8.87	9.07
Aroclor-1268-3	(3)	9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Aroclor-1268-4	(4)	9.64	9.64	9.64	9.64	9.64	9.64	9.54	9.74
Aroclor-1268-5	(5)	10.07	10.07	10.07	10.07	10.07	10.07	9.97	10.17

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.42	10.42	10.42	10.43	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

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

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.06	5.06	5.05	5.06	5.05	5.06	4.96	5.16
Aroclor-1016-4	(4)	5.10	5.10	5.10	5.10	5.09	5.10	5.00	5.20
Aroclor-1016-5	(5)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1260-1	(1)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1260-2	(2)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Aroclor-1260-5	(5)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.06	5.06	5.06	5.06	5.05	5.06	4.96	5.16
Aroclor-1242-4	(4)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1242-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-1	(1)	4.88	4.88	4.88	4.88	4.87	4.88	4.78	4.98
Aroclor-1248-2	(2)	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1248-3	(3)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-4	(4)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1248-5	(5)	5.70	5.70	5.70	5.70	5.73	5.71	5.61	5.81
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1254-1	(1)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-2	(2)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1254-3	(3)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1254-4	(4)	6.44	6.44	6.44	6.44	6.43	6.44	6.34	6.54
Aroclor-1254-5	(5)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.79	3.78	3.78	3.78	3.68	3.88
Aroclor-1268-1	(1)	7.67	7.67	7.67	7.67	7.67	7.67	7.57	7.77
Aroclor-1268-2	(2)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-3	(3)	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
Aroclor-1268-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1268-5	(5)	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.78	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.78	3.78	3.79	3.79	3.79	3.78	3.68	3.88

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: AECO02
SDG NO.: Q3419
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

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

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	53893845	57848439	60228768	63056856	60602640	59126110	6
Aroclor-1016-2	(2)	81387326	86593457	91038396	94931280	88270120	88444116	6
Aroclor-1016-3	(3)	50025937	53493744	56764402	59544472	56926600	55351031	7
Aroclor-1016-4	(4)	41815325	44617539	46982858	48544784	45240520	45440205	6
Aroclor-1016-5	(5)	39075321	41377448	43150568	44782124	48642160	43405524	8
Aroclor-1260-1	(1)	64655691	67908073	70553690	74100180	66565440	68756615	5
Aroclor-1260-2	(2)	80744063	85234851	88594752	93987136	99325680	89577296	8
Aroclor-1260-3	(3)	64964687	67552583	69003280	72715708	72196540	69286560	5
Aroclor-1260-4	(4)	65448766	70711301	72542976	74553116	59600740	68571380	9
Aroclor-1260-5	(5)	139384380	146230631	152452738	155039368	146650940	147951611	4
Decachlorobiphenyl		1012132950	1071302787	1124785220	1137889120	1036523400	1076526695	5
Tetrachloro-m-xylene		1370219590	1453116893	1490571040	1483020960	1348537200	1429093137	5
Aroclor-1242-1	(1)	44019933	46315467	47674416	50255084	51268840	47906748	6
Aroclor-1242-2	(2)	64942800	67715737	70979556	73767248	76553360	70791740	7
Aroclor-1242-3	(3)	40140584	42044764	44589646	47135032	54298900	45641785	12
Aroclor-1242-4	(4)	33543618	35162207	36420600	36967860	39702420	36359341	6
Aroclor-1242-5	(5)	36405140	38662289	41888622	39296052	48467620	40943945	11
Decachlorobiphenyl		1136280900	1209279307	1231278960	1289202560	1357807000	1244769745	7
Tetrachloro-m-xylene		1466601570	1512648573	1545825660	1595207720	1573043800	1538665465	3
Aroclor-1248-1	(1)	33471805	35785521	36963520	39121904	34010240	35870598	6
Aroclor-1248-2	(2)	44816839	47584043	49402910	52441868	49476340	48744400	6
Aroclor-1248-3	(3)	49477903	52446567	61105936	57335280	50958020	54264741	9
Aroclor-1248-4	(4)	60435029	64167197	67505182	72174088	67539280	66364155	7
Aroclor-1248-5	(5)	58134534	61713151	65347636	71297512	67810300	64860627	8
Decachlorobiphenyl		1140637530	1190681093	1243623480	1306886720	1250686400	1226503045	5
Tetrachloro-m-xylene		1468701040	1529744213	1558324940	1626496320	1450854600	1526824223	5
Aroclor-1254-1	(1)	66261960	71898345	78270020	82464920	100572060	79893461	16
Aroclor-1254-2	(2)	87851253	92570580	96669370	102809560	120020480	99984249	12
Aroclor-1254-3	(3)	92035771	96900691	99787992	105988040	125061300	103954759	12
Aroclor-1254-4	(4)	73136868	76689867	79390286	83967352	104884540	83613783	15
Aroclor-1254-5	(5)	85440842	89720104	92252192	95013656	95427040	91570767	5
Decachlorobiphenyl		1194970230	1245235800	1296058720	1332579960	1514859800	1316740902	9
Tetrachloro-m-xylene		1499217980	1559170693	1583264260	1614158480	1720822800	1595326843	5
Aroclor-1268-1	(1)	186733090	195066952	205606148	210022232	235253460	206536376	9

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	172486766	179135464	188184104	190078376	211424800	188261902	8
Aroclor-1268-3	(3)	145245892	150281380	156894280	158090072	165408840	155184093	5
Aroclor-1268-4	(4)	71036137	74805685	76392484	76627212	94373740	78647052	12
Aroclor-1268-5	(5)	446420076	458917541	475352492	479939416	541304600	480386825	8
Decachlorobiphenyl		1988394870	2075434813	2173906840	2211711440	2356033600	2161096313	6
Tetrachloro-m-xylene		1515083040	1549265533	1603737900	1591085800	1659449000	1583724255	3

Raw Data

Alliance TECHNICAL GROUP

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: AECO02
SDG NO.: Q3419
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

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

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	708597432	755130533	750168220	768814916	718149060	740172032	3
Aroclor-1016-2	(2)	344688013	362255933	349033076	368003724	285681000	341932349	10
Aroclor-1016-3	(3)	184756021	198805969	201689770	204443556	237017160	205342495	9
Aroclor-1016-4	(4)	185429480	195612065	193130110	203643812	156612400	186885573	10
Aroclor-1016-5	(5)	202087874	223186380	221264342	249936892	243439240	227982946	8
Aroclor-1260-1	(1)	519115007	547143451	551523748	550034516	570658900	547695124	3
Aroclor-1260-2	(2)	816933203	847057133	836099344	841169992	727408040	813733542	6
Aroclor-1260-3	(3)	571186815	591919587	603061842	595667512	451948620	562756875	11
Aroclor-1260-4	(4)	562542796	557220415	556309062	533352684	387232680	519331527	14
Aroclor-1260-5	(5)	1443277342	1495374137	1448146362	1379476524	1011499060	1355554685	15
Decachlorobiphenyl		7970697090	8448130240	8416417320	8375691800	7903993200	8222985930	3
Tetrachloro-m-xylene		6687145430	7018651333	6804923780	6758234840	5822487600	6618288597	7
Aroclor-1242-1	(1)	571147464	588341980	597723718	569760388	546790280	574752766	3
Aroclor-1242-2	(2)	271622570	270496133	289123856	291348184	264965740	277511297	4
Aroclor-1242-3	(3)	148417684	150685240	162169734	157714788	168071120	157411713	5
Aroclor-1242-4	(4)	195275059	191450107	210824584	191270784	136740280	185112163	15
Aroclor-1242-5	(5)	229588702	236959084	244202752	234962408	205474700	230237529	6
Decachlorobiphenyl		8905080650	8993413907	9094156860	9113318400	9309338200	9083061603	2
Tetrachloro-m-xylene		7556133750	7417192413	7366207320	7201170040	6123421000	7132824905	8
Aroclor-1248-1	(1)	362937087	375551145	389160858	390611340	359825360	375617158	4
Aroclor-1248-2	(2)	226906631	241863020	243838414	257801160	259130280	245907901	5
Aroclor-1248-3	(3)	258884180	267447340	286041186	300772772	321318420	286892780	9
Aroclor-1248-4	(4)	264944699	288582168	281543548	284810560	293675780	282711351	4
Aroclor-1248-5	(5)	531974990	530976477	538260328	580030476	417051840	519658822	12
Decachlorobiphenyl		8995204870	9175718960	9269974040	9050625160	7344080200	8767120646	9
Tetrachloro-m-xylene		7343926730	7496283907	7432157100	7125361600	5416154400	6962776747	13
Aroclor-1254-1	(1)	570889099	597066183	605466528	586480320	460097860	563999998	11
Aroclor-1254-2	(2)	484331632	496825463	519240264	512723972	637282480	530080762	12
Aroclor-1254-3	(3)	866771846	893592493	892235862	873540968	729313040	851090842	8
Aroclor-1254-4	(4)	656603428	687178148	673132272	636725912	495267720	629781496	12
Aroclor-1254-5	(5)	714919063	793859644	718111150	679323440	693198580	719882375	6
Decachlorobiphenyl		9294247170	9652211800	9737198260	9430246600	10010120400	9624804846	3
Tetrachloro-m-xylene		7467434200	7759548133	7675903540	7263970760	7005463400	7434464007	4
Aroclor-1268-1	(1)	1831610079	1813456776	1858863308	1732000476	1817331660	1810652460	3

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1800363506	1772458256	1795415328	1662166904	1645167940	1735114387	4
Aroclor-1268-3	(3)	1369797429	1358701644	1402746042	1358715304	1345500120	1367092108	2
Aroclor-1268-4	(4)	542764588	536784571	540251440	501746924	465672060	517443917	6
Aroclor-1268-5	(5)	3855476951	3900359425	4013489614	3707995788	3381331260	3771730608	6
Decachlorobiphenyl		16718332370	16659738347	17037476180	16197346520	15850998600	16492778403	3
Tetrachloro-m-xylene		7499400880	7531972947	7553431460	7073074800	6855756800	7302727377	4

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

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	4.84	4.74	4.94	20176600
		2	4.93	4.83	5.03	15061400
		3	5.01	4.91	5.11	46915600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.01	4.91	5.11	39314800
		2	5.53	5.43	5.63	20627600
		3	5.82	5.72	5.92	38639600
		4	5.98	5.88	6.08	20172600
		5	6.07	5.97	6.17	15662900
Aroclor-1262	500	1	8.23	8.13	8.33	84026000
		2	8.56	8.46	8.66	163669000
		3	8.88	8.78	8.98	121787000
		4	8.97	8.87	9.07	92111600
		5	9.64	9.54	9.74	67824600

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

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	3.99	3.89	4.09	90009000
		2	4.08	3.98	4.18	63177800
		3	4.15	4.05	4.25	212036000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	168044000
		2	4.88	4.78	4.98	297516000
		3	5.06	4.96	5.16	81766800
		4	5.14	5.04	5.24	84943400
		5	5.31	5.21	5.41	100651000
Aroclor-1262	500	1	6.89	6.79	6.99	986952000
		2	7.15	7.05	7.25	703208000
		3	7.67	7.57	7.77	606960000
		4	7.74	7.64	7.84	1101340000
		5	8.23	8.13	8.33	461492000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:06
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.784	137.0E6	668.7E6	95.793	99.127
2)	SA Decachlor...	10.422	8.784	101.2E6	797.1E6	94.728	97.280
	Target Compounds						
3)	L1 AR-1016-1	5.799	4.880	53893845	708.6E6	944.490	971.503
4)	L1 AR-1016-2	5.820	4.938	81387326	344.7E6	944.028	993.737
5)	L1 AR-1016-3	5.883	5.058	50025937	184.8E6	936.900	956.181
6)	L1 AR-1016-4	5.980	5.099	41815325	185.4E6	941.806	979.658
7)	L1 AR-1016-5	6.272	5.313	39075321	202.1E6	950.438	954.703
31)	L7 AR-1260-1	7.391	6.341	64655691	519.1E6	956.379	969.730
32)	L7 AR-1260-2	7.643	6.527	80744063	816.9E6	953.639	988.405
33)	L7 AR-1260-3	8.001	6.681	64964687	571.2E6	969.854	972.855
34)	L7 AR-1260-4	8.229	7.150	65448766	562.5E6	948.590	1005.572
35)	L7 AR-1260-5	8.555	7.390	139.4E6	1443.3E6	955.220	998.316

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

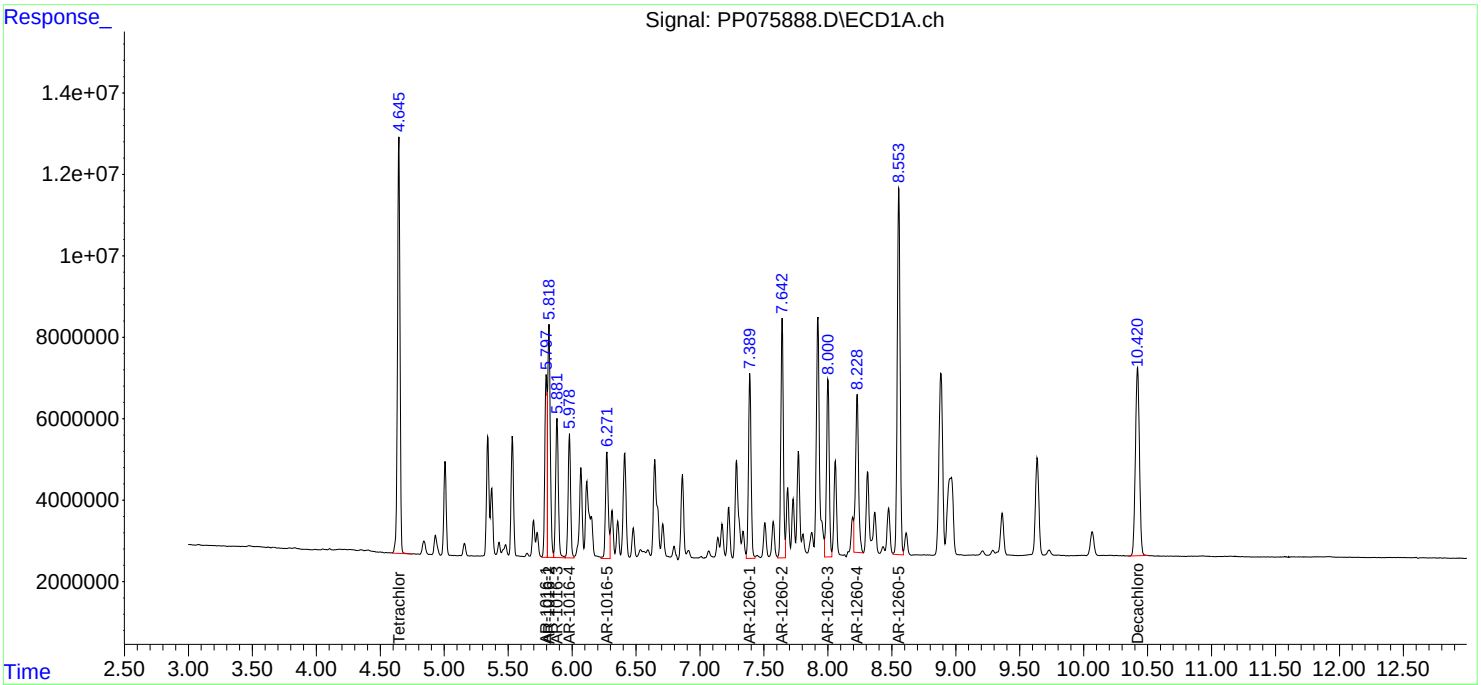
ICAL Form

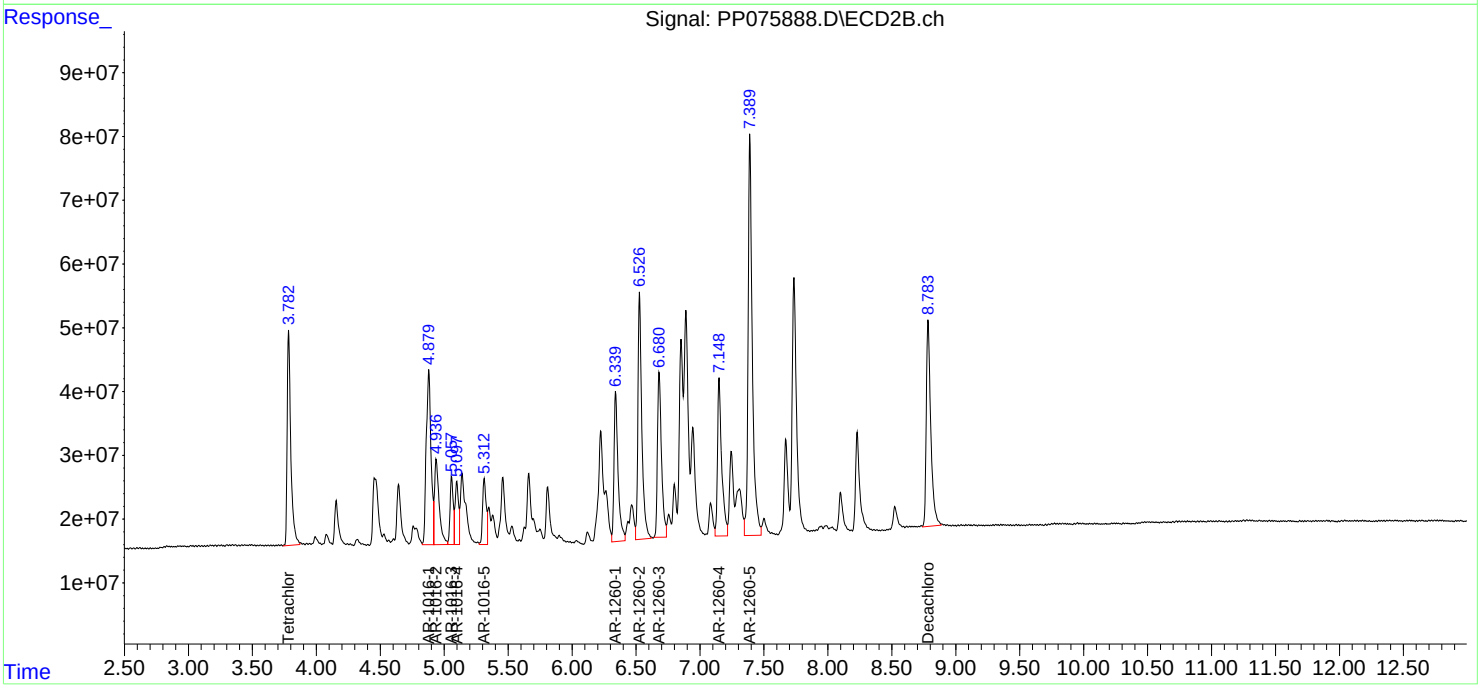
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:06
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

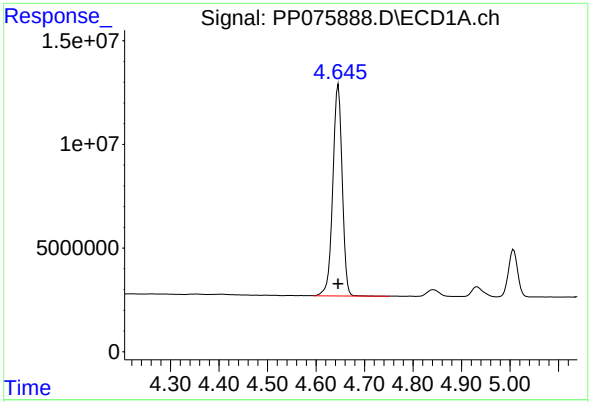
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



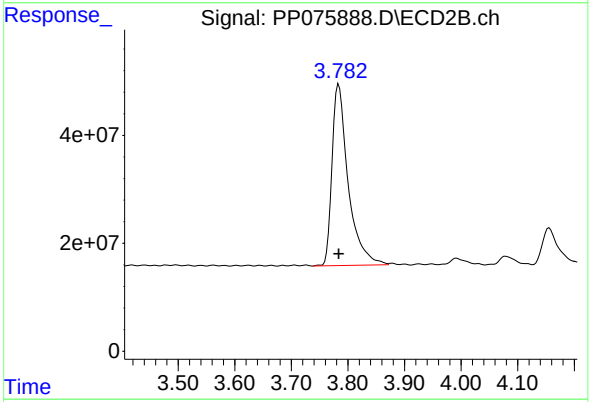




#1 Tetrachloro-m-xylene

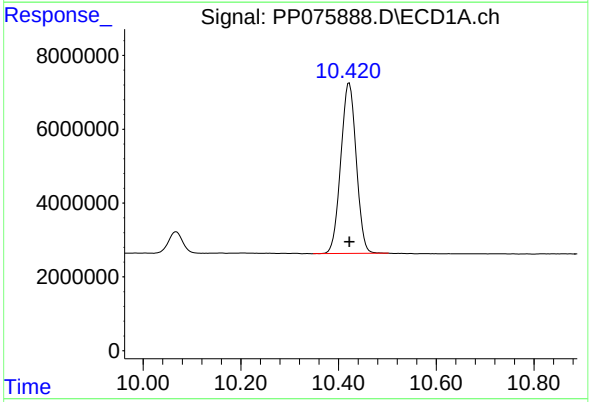
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 137021959
Conc: 95.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



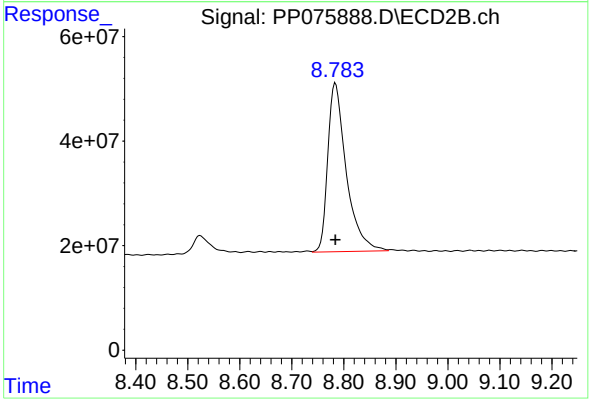
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 668714543
Conc: 99.13 ng/ml



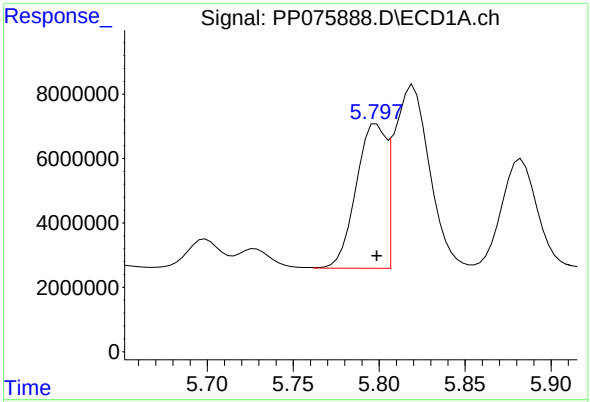
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 101213295
Conc: 94.73 ng/ml



#2 Decachlorobiphenyl

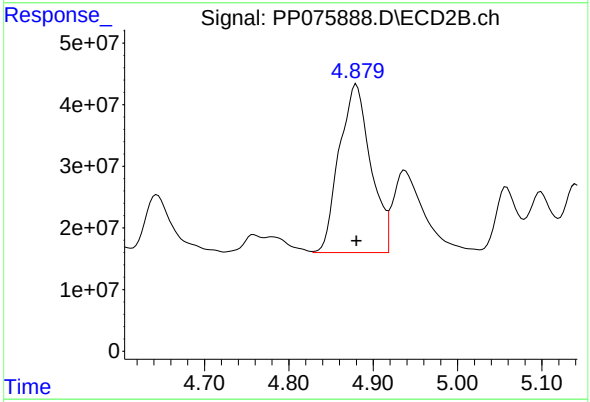
R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 797069709
Conc: 97.28 ng/ml



#3 AR-1016-1

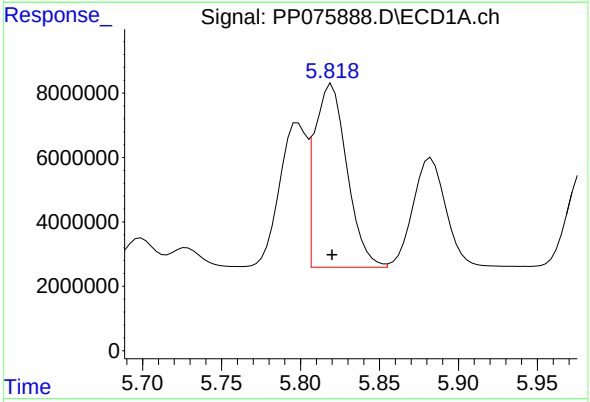
R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 53893845
Conc: 944.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



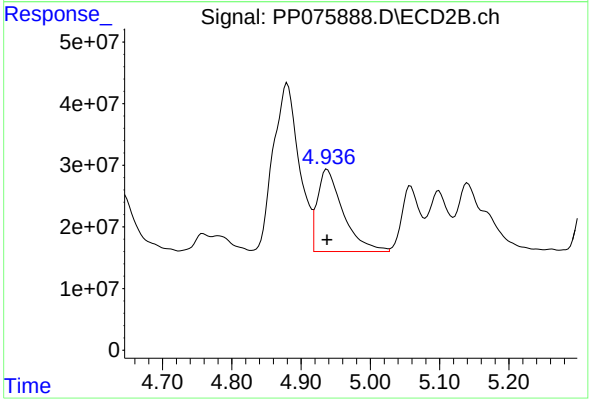
#3 AR-1016-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 708597432
Conc: 971.50 ng/ml



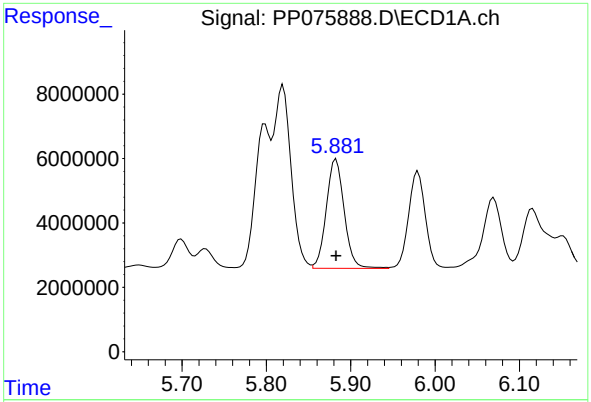
#4 AR-1016-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 81387326
Conc: 944.03 ng/ml



#4 AR-1016-2

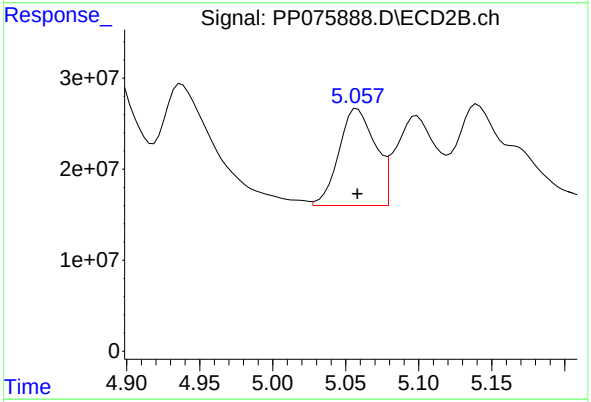
R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 344688013
Conc: 993.74 ng/ml



#5 AR-1016-3

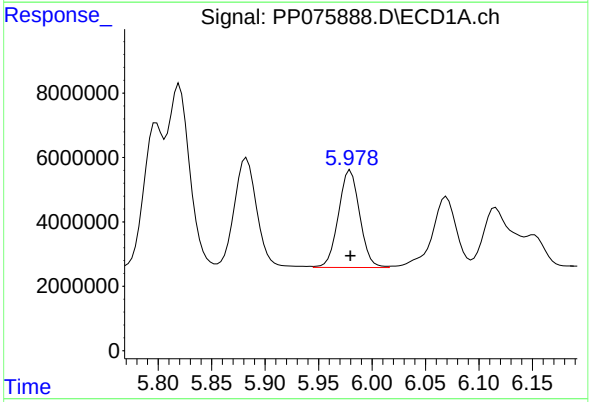
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 50025937
Conc: 936.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



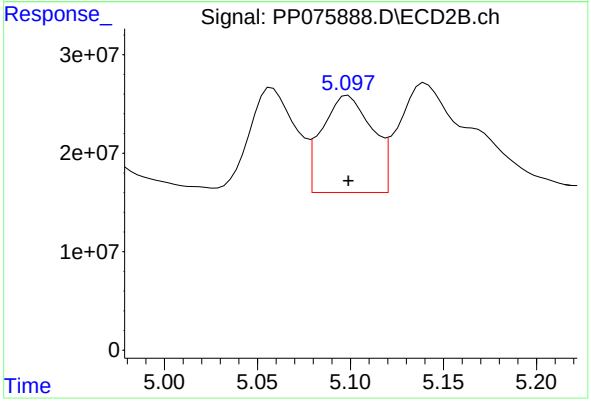
#5 AR-1016-3

R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 184756021
Conc: 956.18 ng/ml



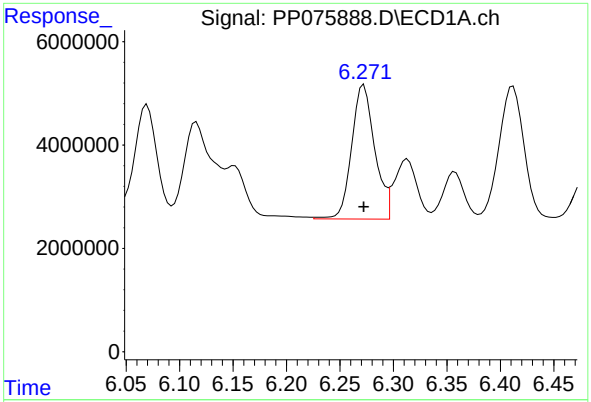
#6 AR-1016-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 41815325
Conc: 941.81 ng/ml



#6 AR-1016-4

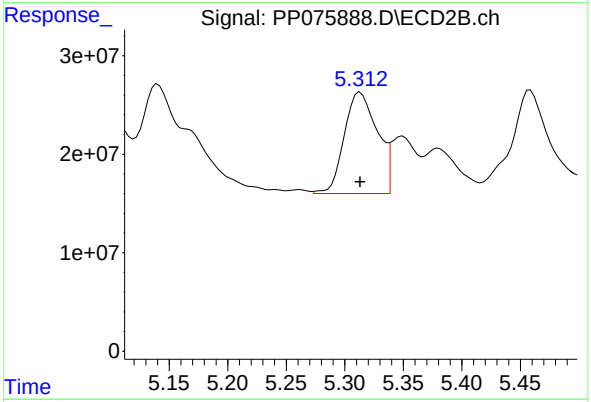
R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 185429480
Conc: 979.66 ng/ml



#7 AR-1016-5

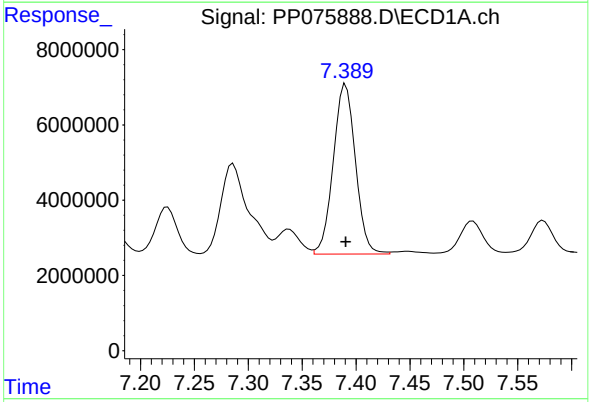
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 39075321
Conc: 950.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



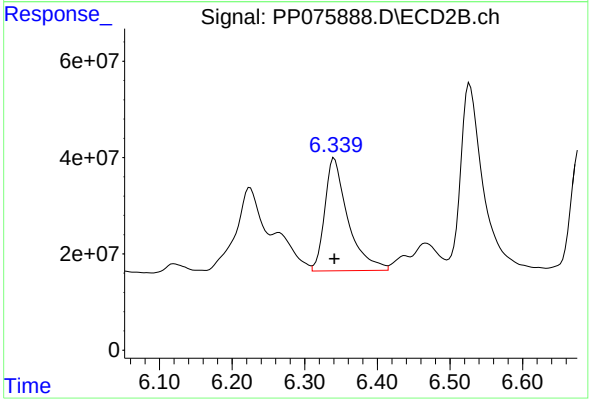
#7 AR-1016-5

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 202087874
Conc: 954.70 ng/ml



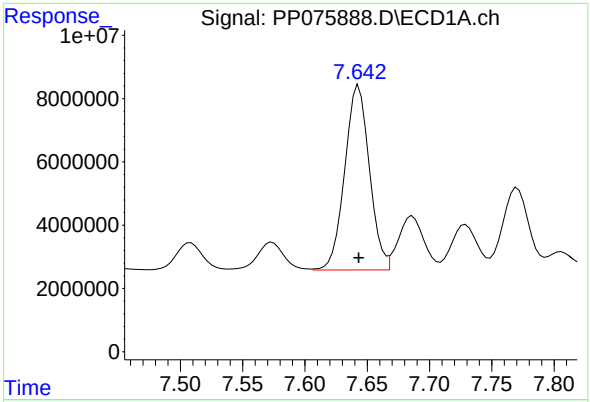
#31 AR-1260-1

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 64655691
Conc: 956.38 ng/ml



#31 AR-1260-1

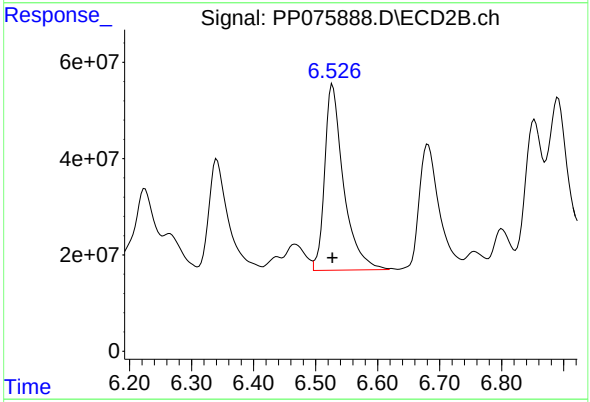
R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 519115007
Conc: 969.73 ng/ml



#32 AR-1260-2

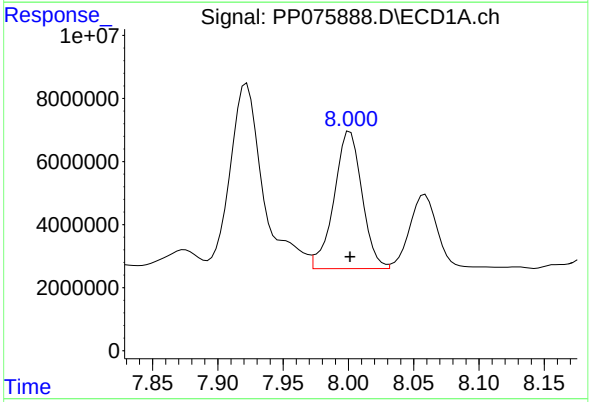
R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 80744063
Conc: 953.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



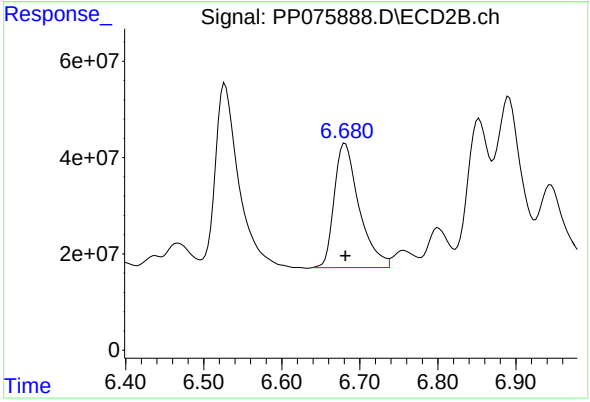
#32 AR-1260-2

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 816933203
Conc: 988.41 ng/ml



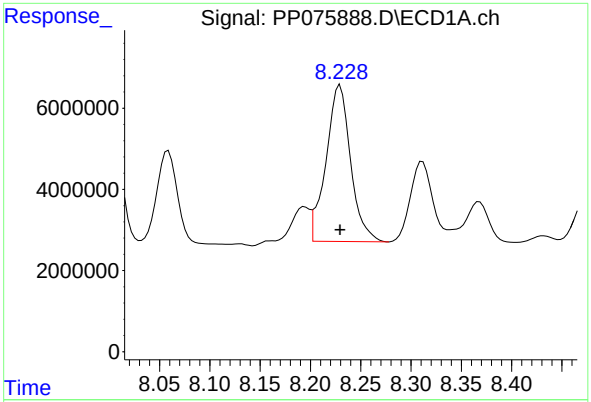
#33 AR-1260-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 64964687
Conc: 969.85 ng/ml



#33 AR-1260-3

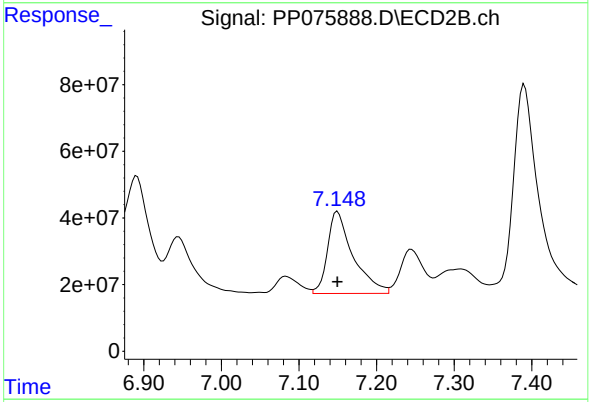
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 571186815
Conc: 972.85 ng/ml



#34 AR-1260-4

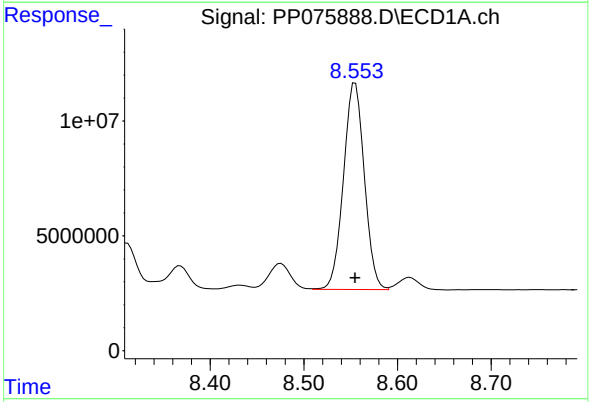
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 65448766
Conc: 948.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



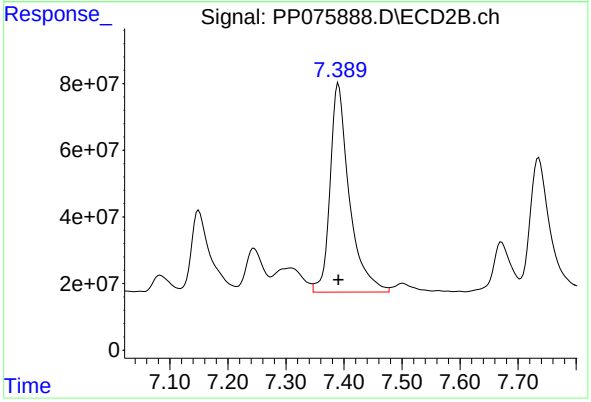
#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 562542796
Conc: 1005.57 ng/ml



#35 AR-1260-5

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 139384380
Conc: 955.22 ng/ml



#35 AR-1260-5

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 1443277342
Conc: 998.32 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:22
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:23:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.642	3.781	109.0E6	526.4E6	75.790	76.994
2)	SA Decachlor...	10.419	8.782	80347709	633.6E6	75.133	76.538
	Target Compounds						
3)	L1 AR-1016-1	5.795	4.877	43386329	566.3E6	756.866	767.445
4)	L1 AR-1016-2	5.817	4.935	64945093	271.7E6	752.204	771.869
5)	L1 AR-1016-3	5.879	5.055	40120308	149.1E6	750.922	764.309
6)	L1 AR-1016-4	5.977	5.096	33463154	146.7E6	752.456	766.543
7)	L1 AR-1016-5	6.270	5.309	31033086	167.4E6	753.210	776.704
31)	L7 AR-1260-1	7.387	6.338	50931055	410.4E6	752.240	760.963
32)	L7 AR-1260-2	7.640	6.525	63926138	635.3E6	753.332	762.324
33)	L7 AR-1260-3	7.999	6.678	50664437	443.9E6	754.232	754.073
34)	L7 AR-1260-4	8.226	7.147	53033476	417.9E6	762.329	748.026
35)	L7 AR-1260-5	8.552	7.387	109.7E6	1121.5E6	751.069	766.981

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

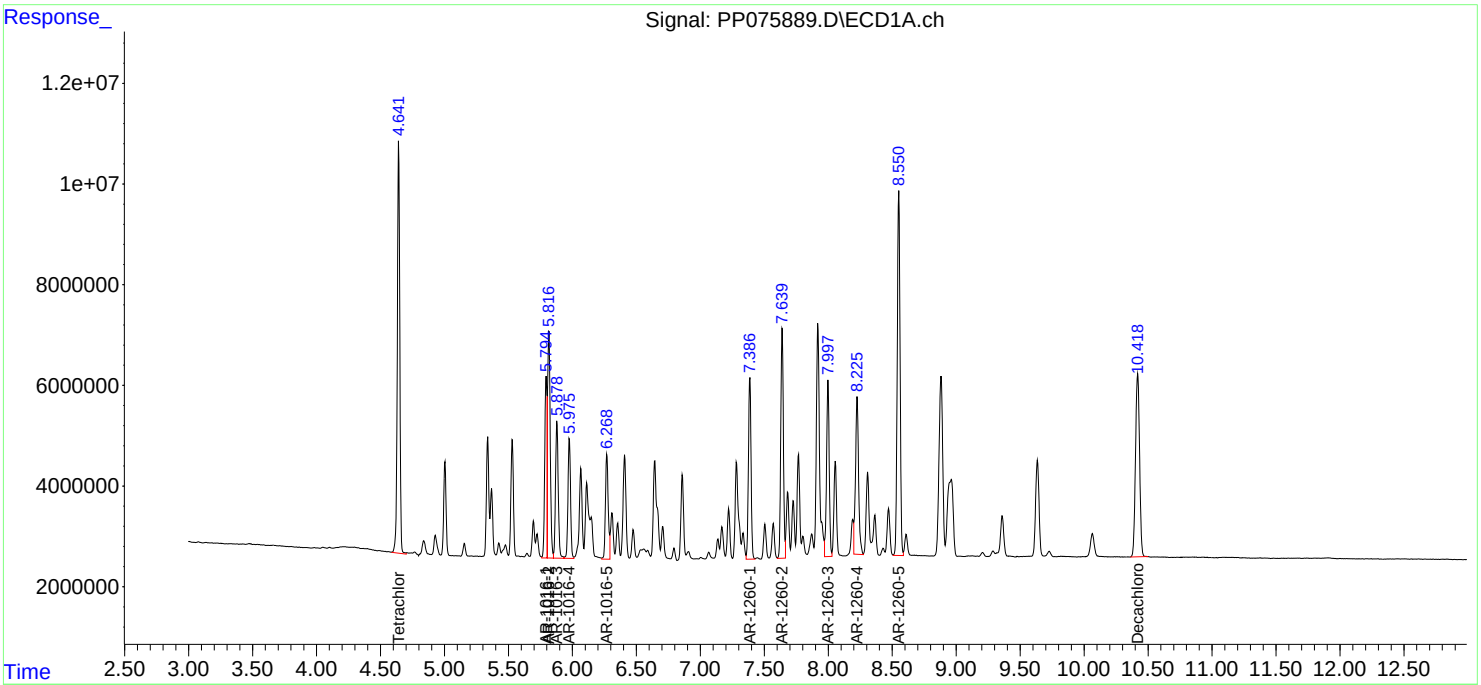
ICAL Form

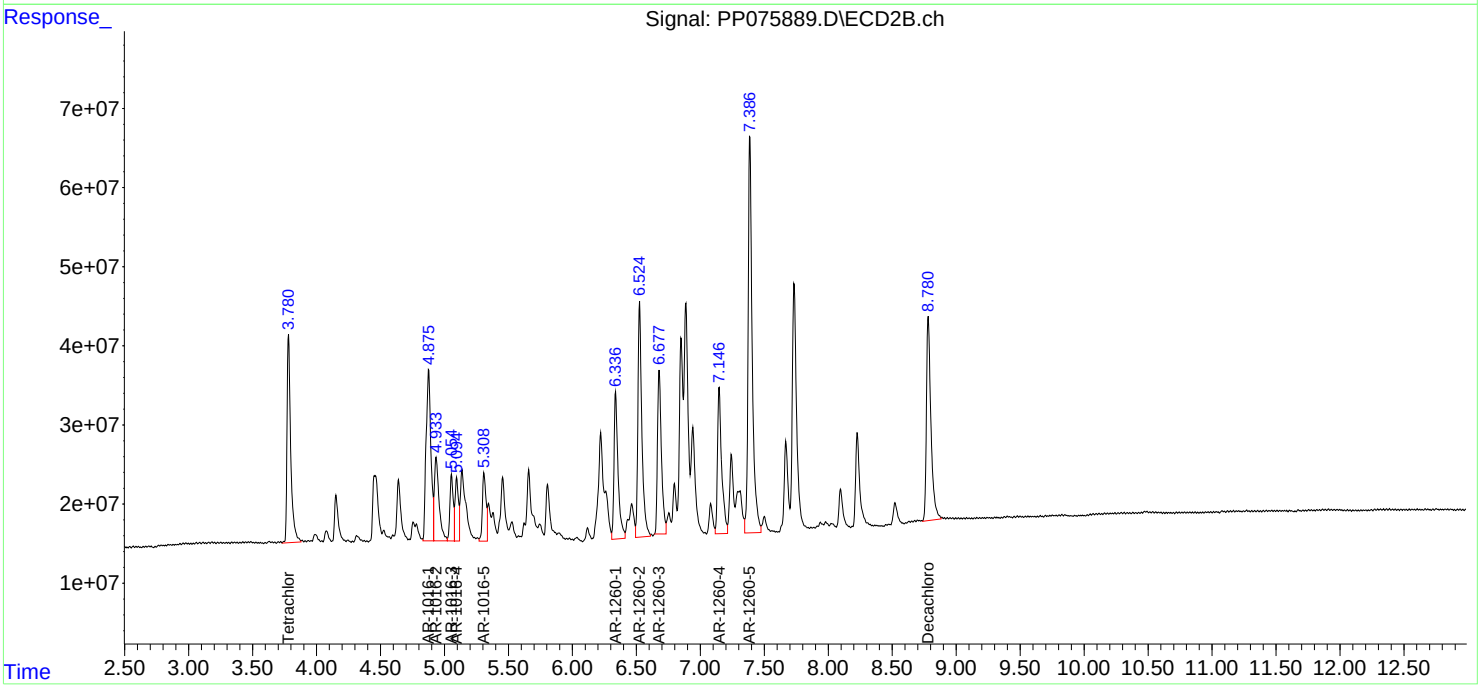
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:22
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

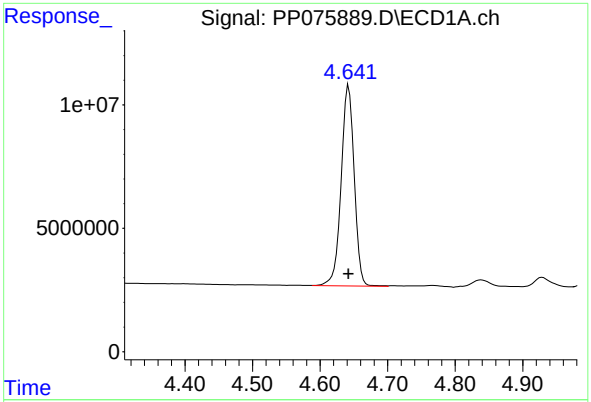
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:23:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



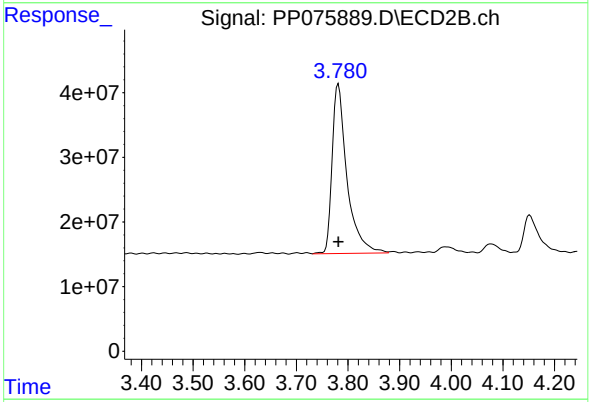




#1 Tetrachloro-m-xylene

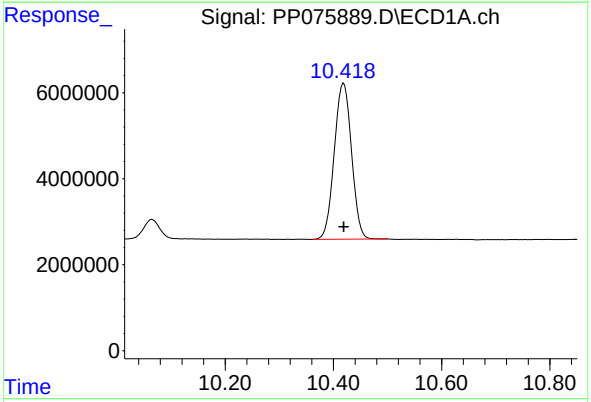
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 108983767
Conc: 75.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



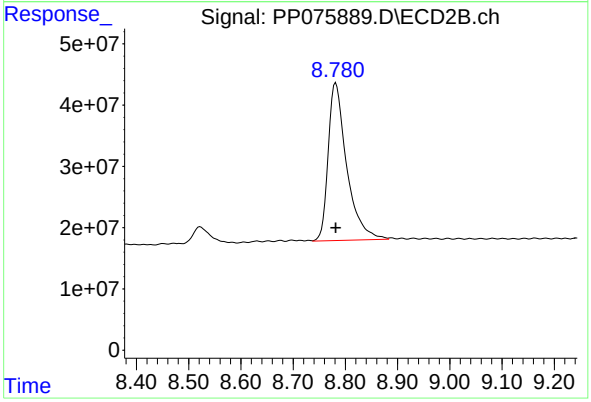
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 526398850
Conc: 76.99 ng/ml



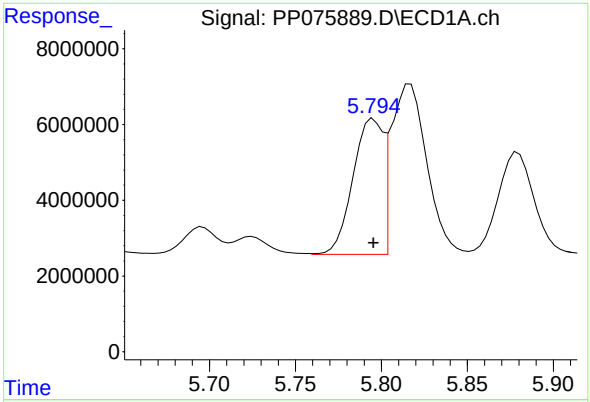
#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 80347709
Conc: 75.13 ng/ml



#2 Decachlorobiphenyl

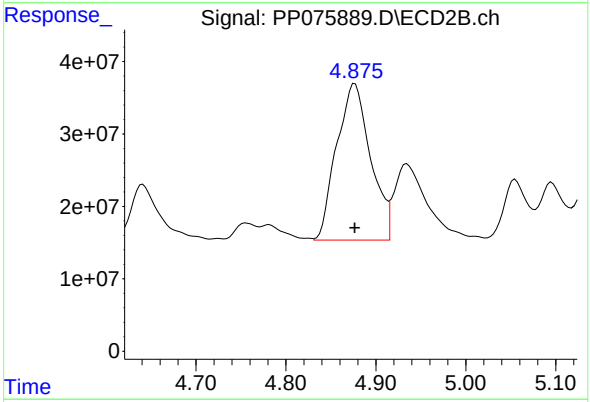
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 633609768
Conc: 76.54 ng/ml



#3 AR-1016-1

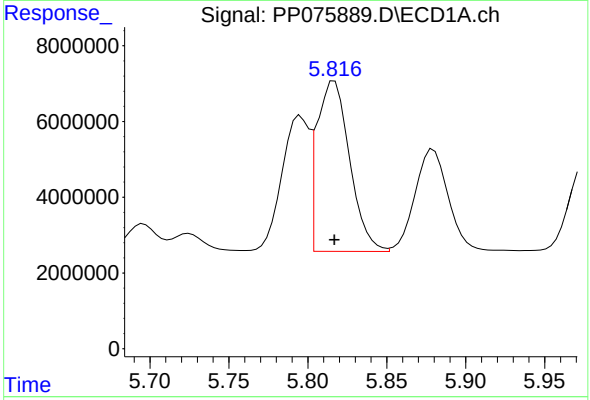
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 43386329
Conc: 756.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



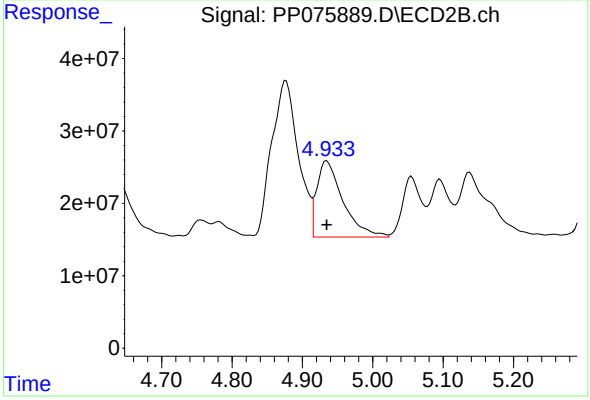
#3 AR-1016-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 566347900
Conc: 767.45 ng/ml



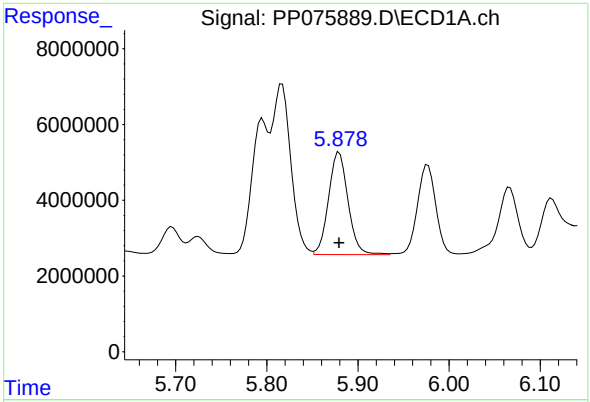
#4 AR-1016-2

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 64945093
Conc: 752.20 ng/ml



#4 AR-1016-2

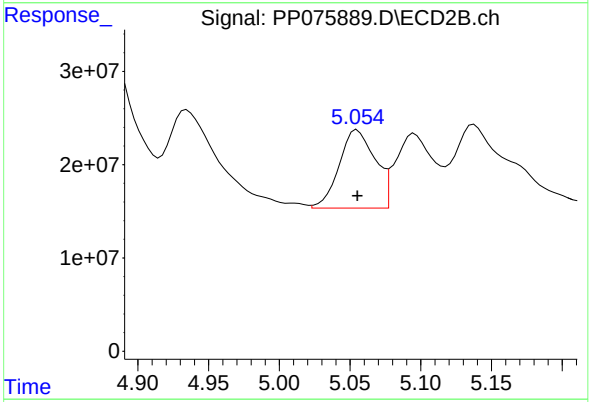
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 271691950
Conc: 771.87 ng/ml



#5 AR-1016-3

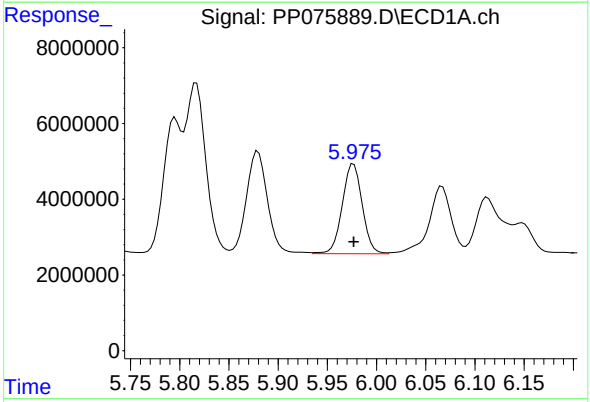
R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 40120308
Conc: 750.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



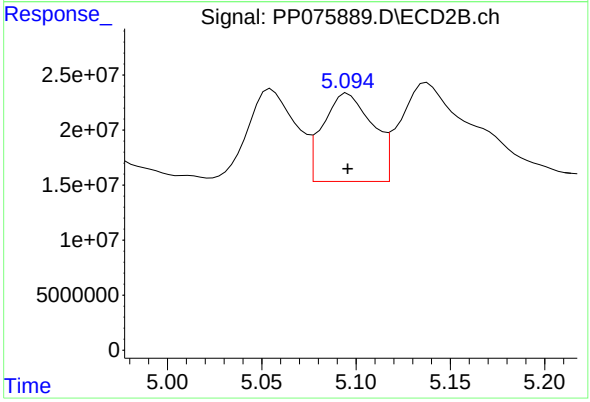
#5 AR-1016-3

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 149104477
Conc: 764.31 ng/ml



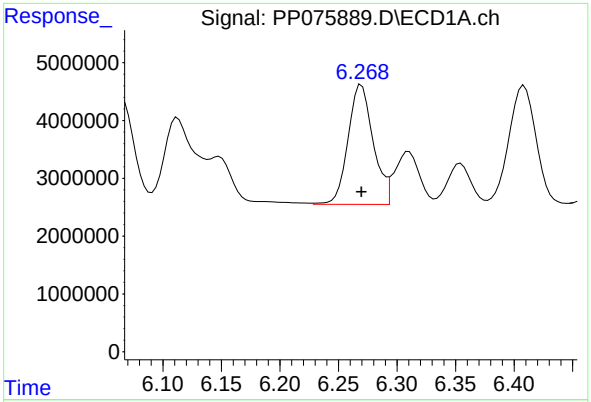
#6 AR-1016-4

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 33463154
Conc: 752.46 ng/ml



#6 AR-1016-4

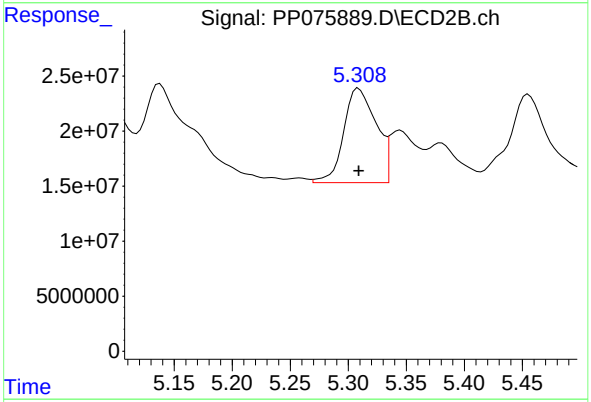
R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 146709049
Conc: 766.54 ng/ml



#7 AR-1016-5

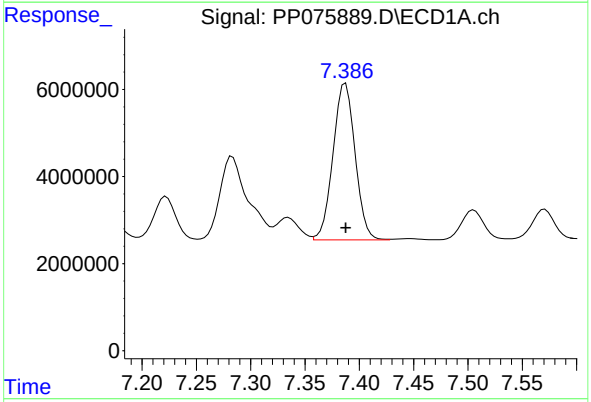
R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 31033086
Conc: 753.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



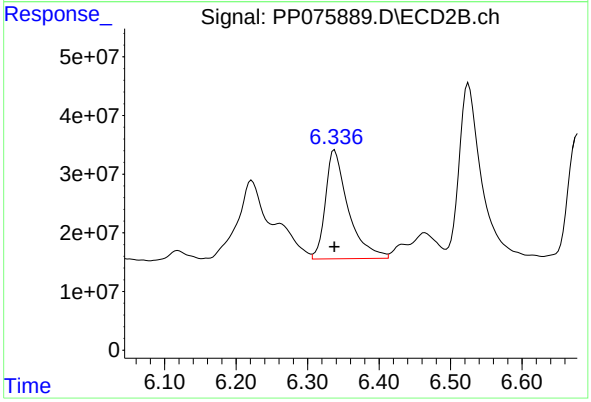
#7 AR-1016-5

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 167389785
Conc: 776.70 ng/ml



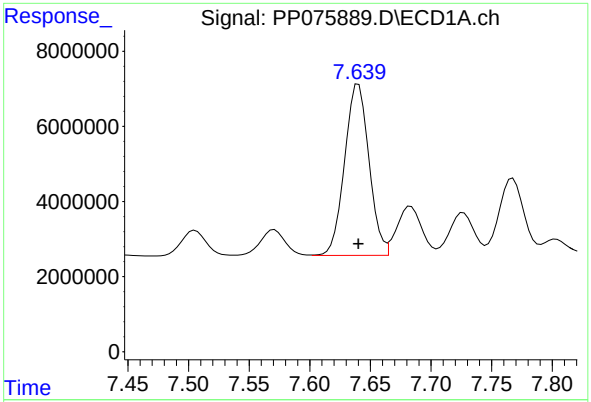
#31 AR-1260-1

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 50931055
Conc: 752.24 ng/ml



#31 AR-1260-1

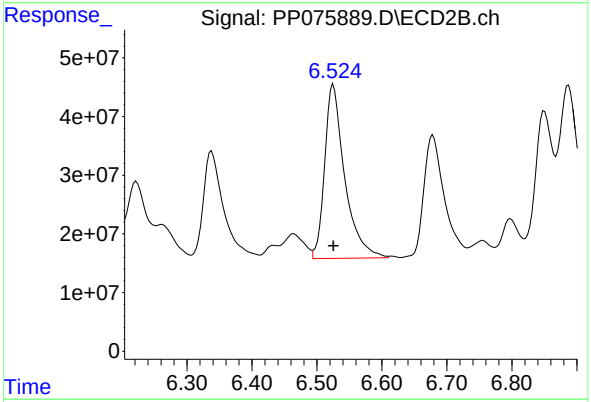
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 410357588
Conc: 760.96 ng/ml



#32 AR-1260-2

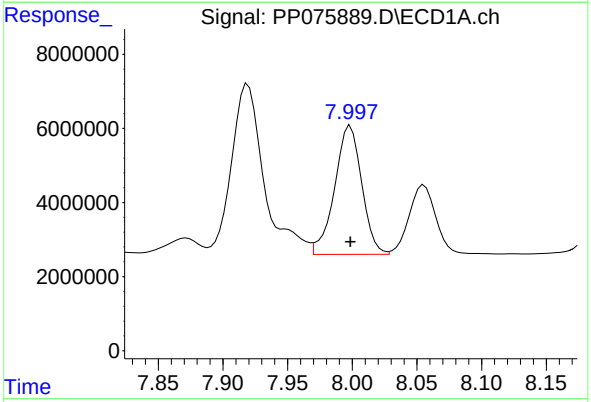
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 63926138
Conc: 753.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



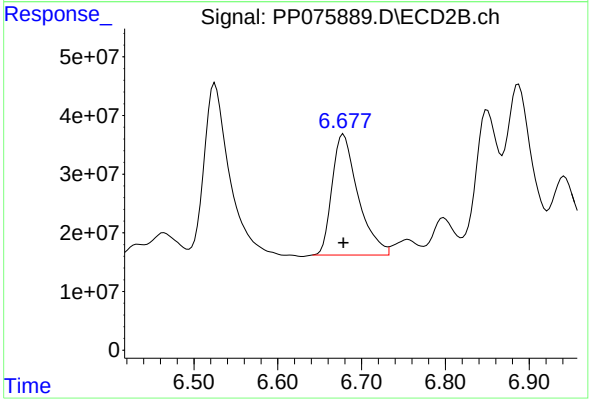
#32 AR-1260-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 635292850
Conc: 762.32 ng/ml



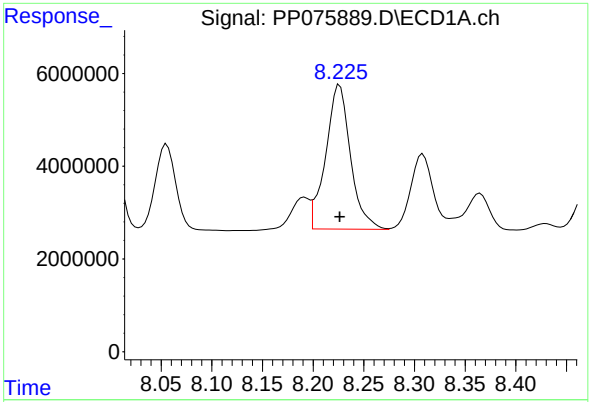
#33 AR-1260-3

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 50664437
Conc: 754.23 ng/ml



#33 AR-1260-3

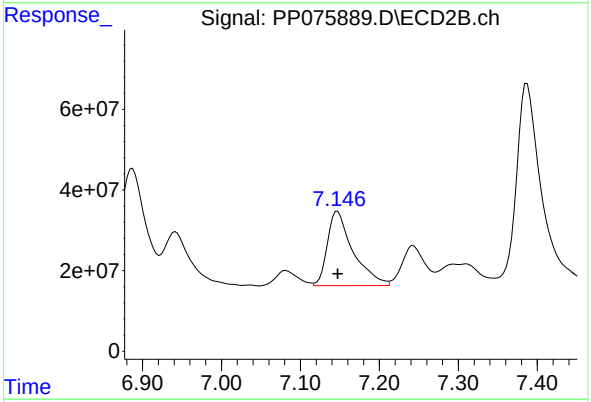
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 443939690
Conc: 754.07 ng/ml



#34 AR-1260-4

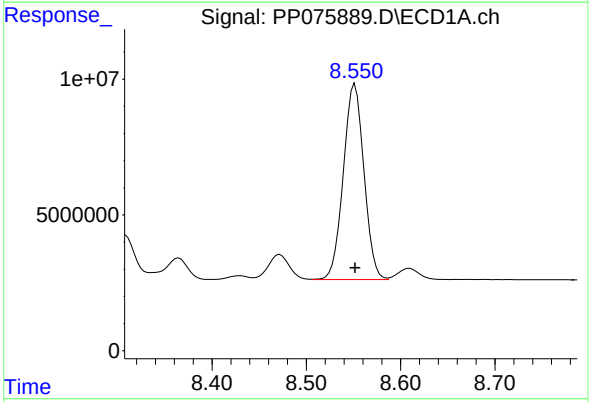
R.T.: 8.226 min
Delta R.T.: 0.000 min
Response: 53033476
Conc: 762.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



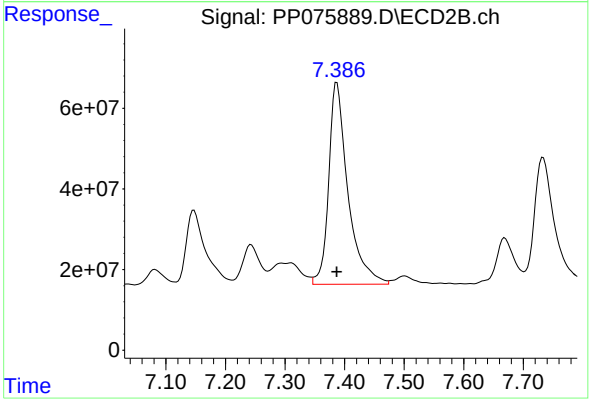
#34 AR-1260-4

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 417915311
Conc: 748.03 ng/ml



#35 AR-1260-5

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 109672973
Conc: 751.07 ng/ml



#35 AR-1260-5

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 1121530603
Conc: 766.98 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:38
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:17:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.642	3.781	74528552	340.2E6	50.000	50.000
2)	SA Decachlor...	10.419	8.782	56239261	420.8E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.795	4.878	30114384	375.1E6	500.000	500.000
4)	L1 AR-1016-2	5.817	4.936	45519198	174.5E6	500.000	500.000
5)	L1 AR-1016-3	5.880	5.054	28382201	100.8E6	500.000	500.000
6)	L1 AR-1016-4	5.977	5.096	23491429	96565055	500.000	500.000
7)	L1 AR-1016-5	6.269	5.310	21575284	110.6E6	500.000	500.000
31)	L7 AR-1260-1	7.387	6.338	35276845	275.8E6	500.000	500.000
32)	L7 AR-1260-2	7.640	6.525	44297376	418.0E6	500.000	500.000
33)	L7 AR-1260-3	7.999	6.678	34501640	301.5E6	500.000	500.000
34)	L7 AR-1260-4	8.227	7.147	36271488	278.2E6	500.000	500.000
35)	L7 AR-1260-5	8.552	7.387	76226369	724.1E6	500.000	500.000

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

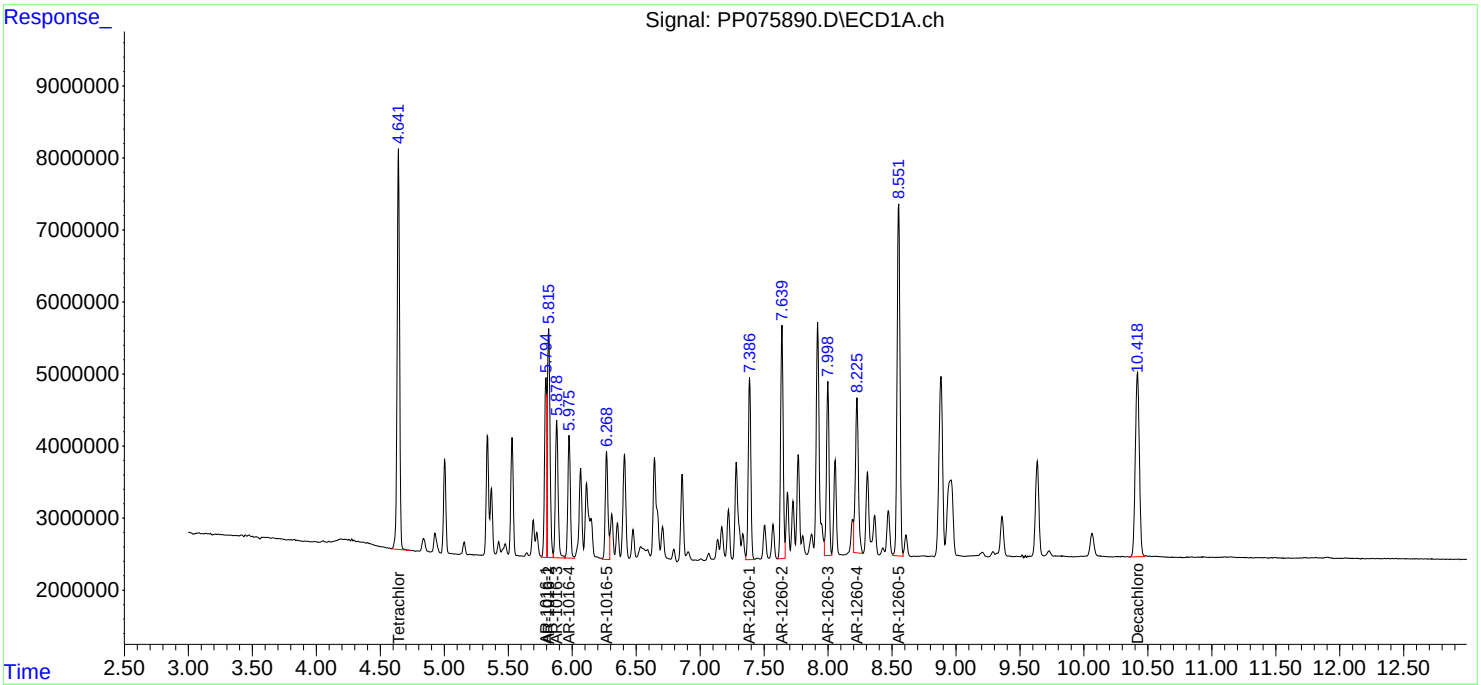
ICAL Form

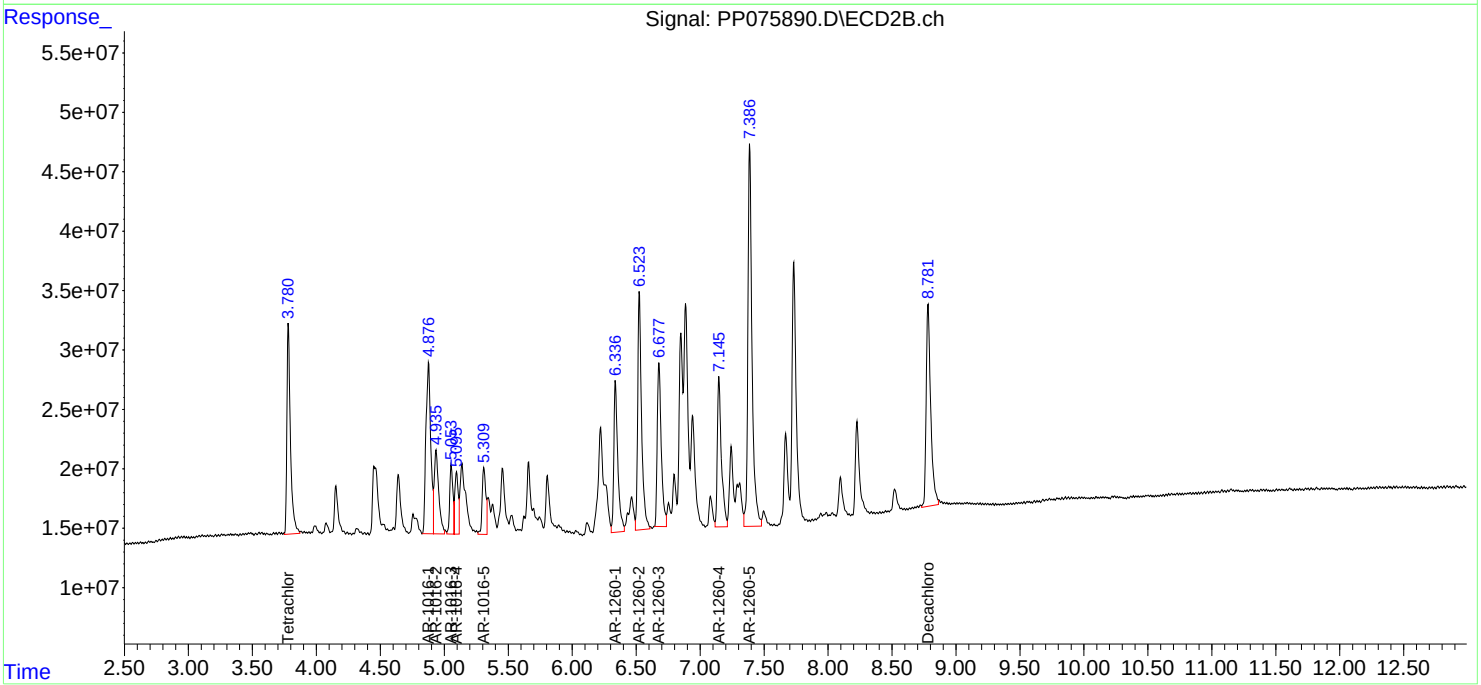
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:38
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

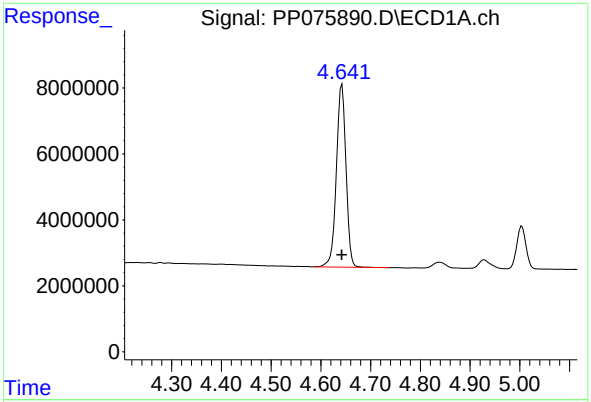
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:17:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



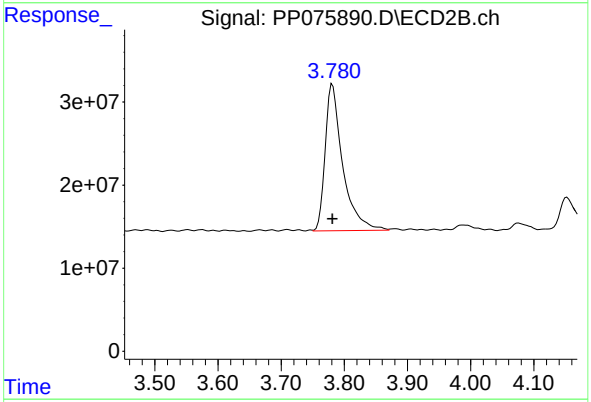




#1 Tetrachloro-m-xylene

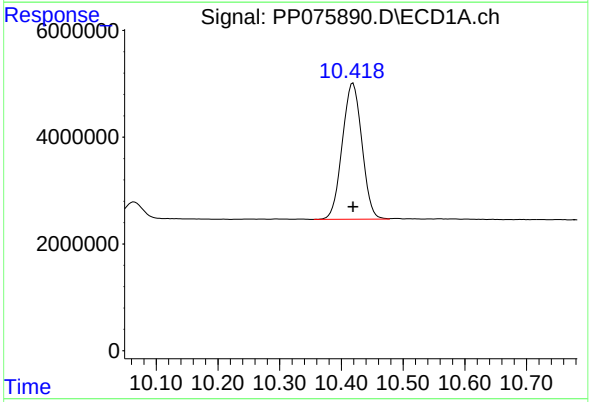
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 74528552
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



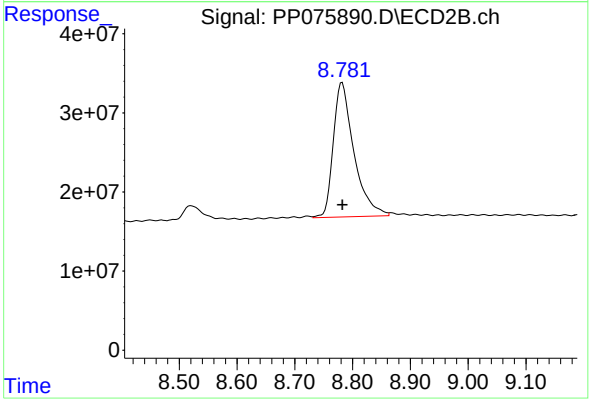
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 340246189
Conc: 50.00 ng/ml



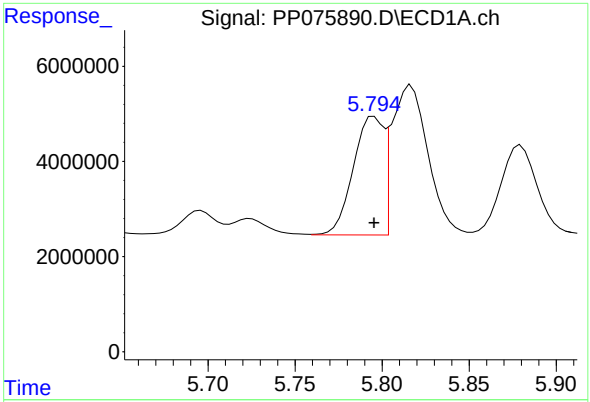
#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 56239261
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

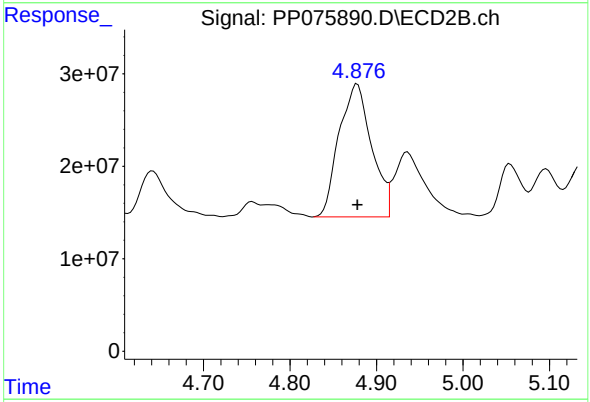
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 420820866
Conc: 50.00 ng/ml



#3 AR-1016-1

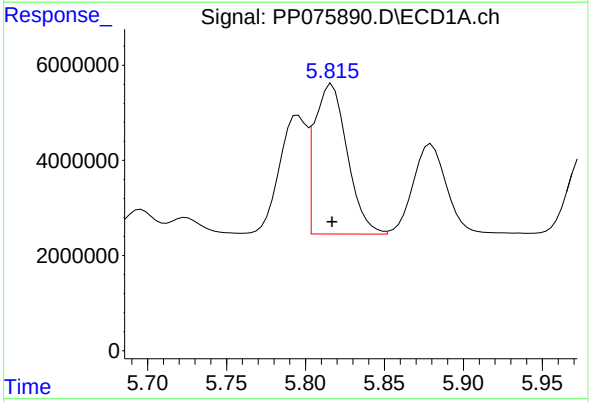
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 30114384
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



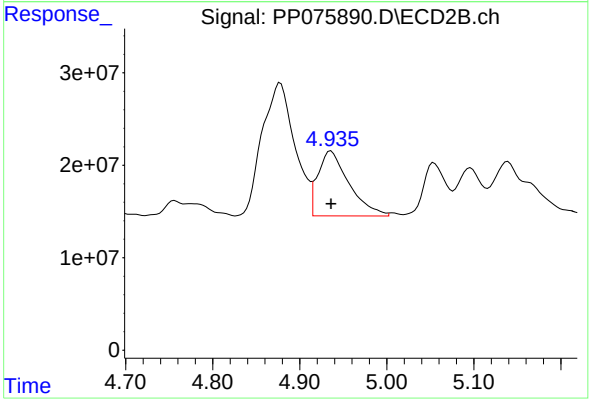
#3 AR-1016-1

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 375084110
Conc: 500.00 ng/ml



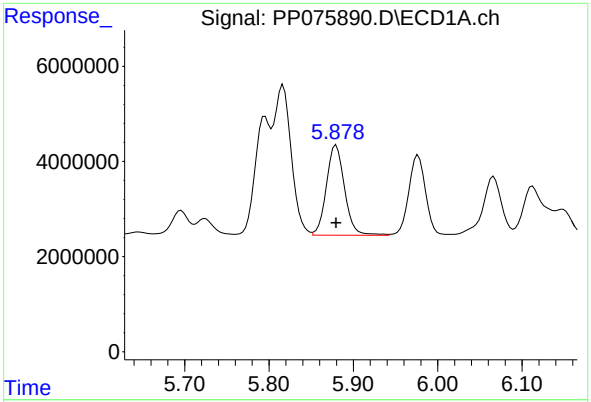
#4 AR-1016-2

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 45519198
Conc: 500.00 ng/ml



#4 AR-1016-2

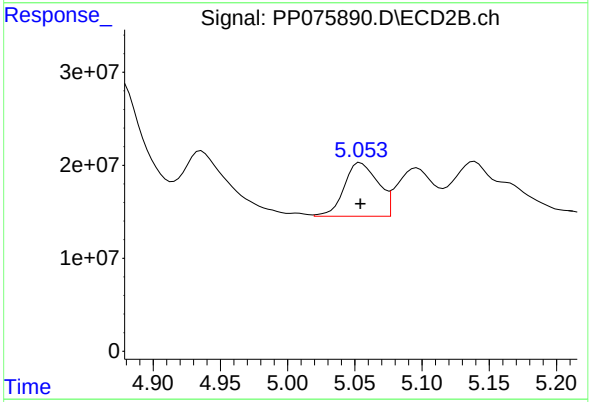
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 174516538
Conc: 500.00 ng/ml



#5 AR-1016-3

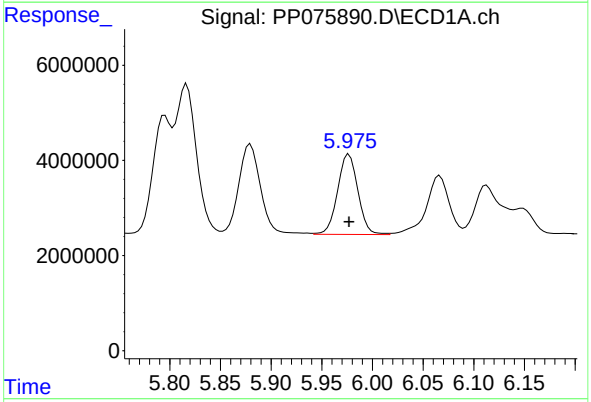
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 28382201
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



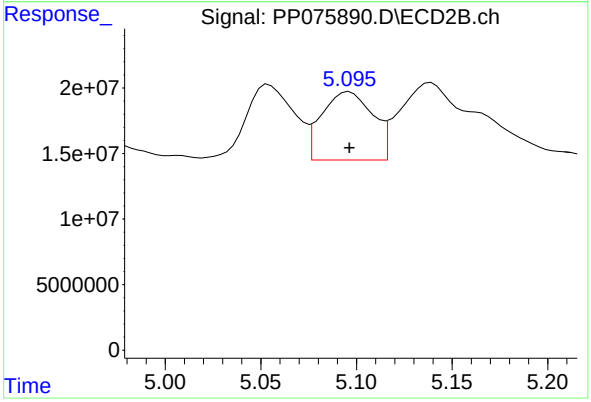
#5 AR-1016-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 100844885
Conc: 500.00 ng/ml



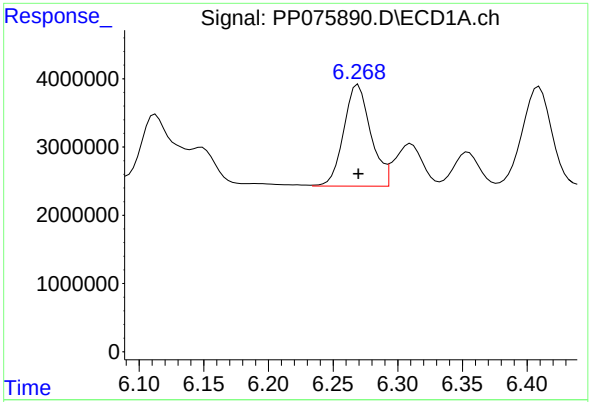
#6 AR-1016-4

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 23491429
Conc: 500.00 ng/ml



#6 AR-1016-4

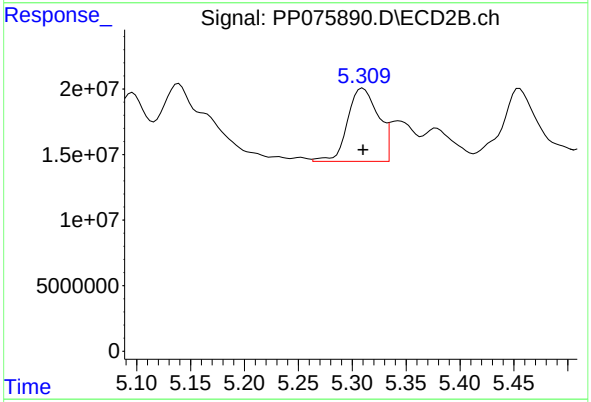
R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 96565055
Conc: 500.00 ng/ml



#7 AR-1016-5

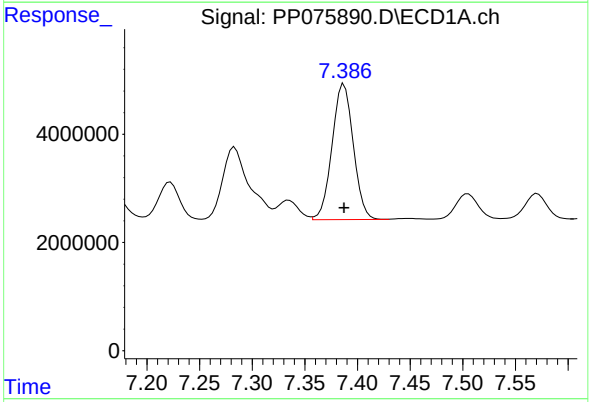
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 21575284
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



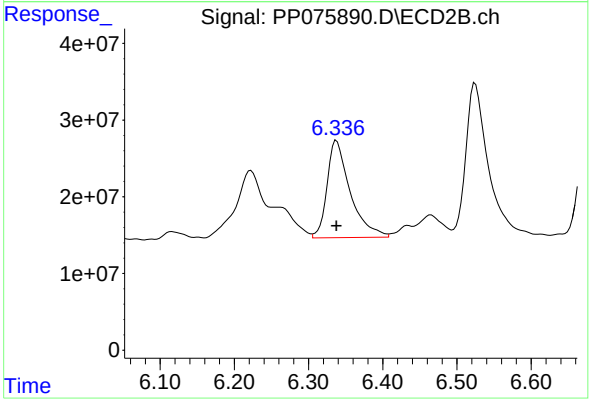
#7 AR-1016-5

R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 110632171
Conc: 500.00 ng/ml



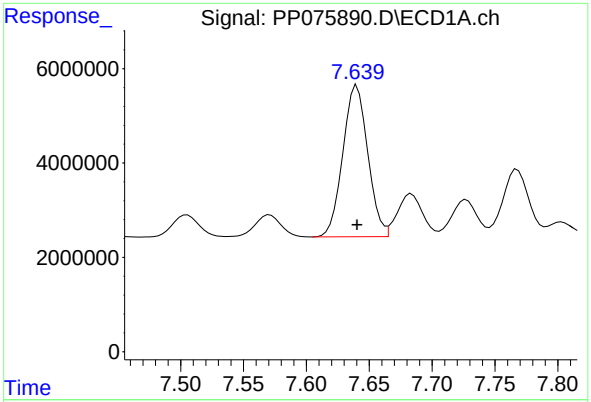
#31 AR-1260-1

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 35276845
Conc: 500.00 ng/ml



#31 AR-1260-1

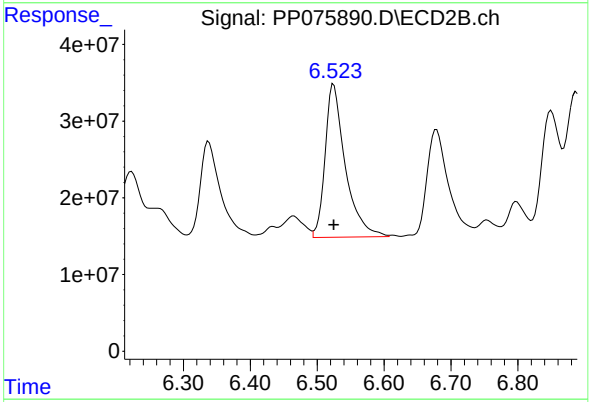
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 275761874
Conc: 500.00 ng/ml



#32 AR-1260-2

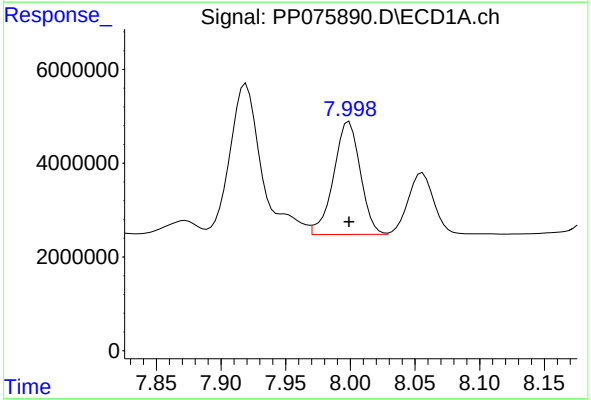
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 44297376
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



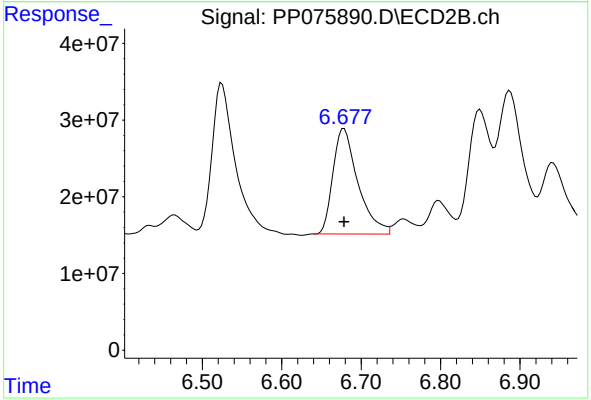
#32 AR-1260-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 418049672
Conc: 500.00 ng/ml



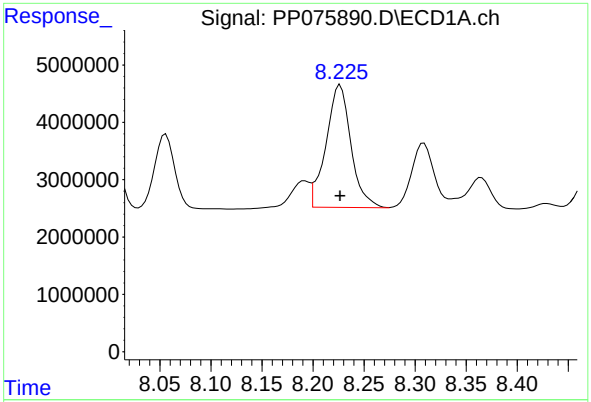
#33 AR-1260-3

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 34501640
Conc: 500.00 ng/ml



#33 AR-1260-3

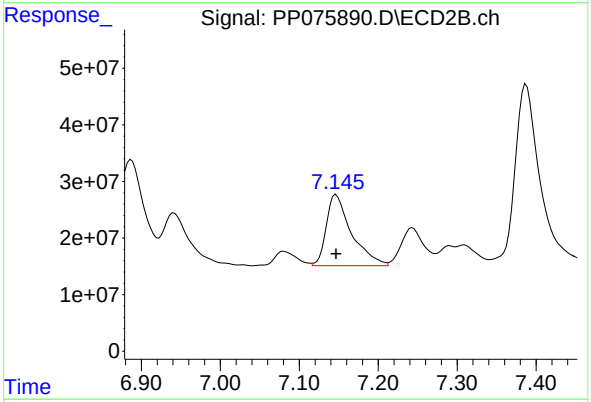
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 301530921
Conc: 500.00 ng/ml



#34 AR-1260-4

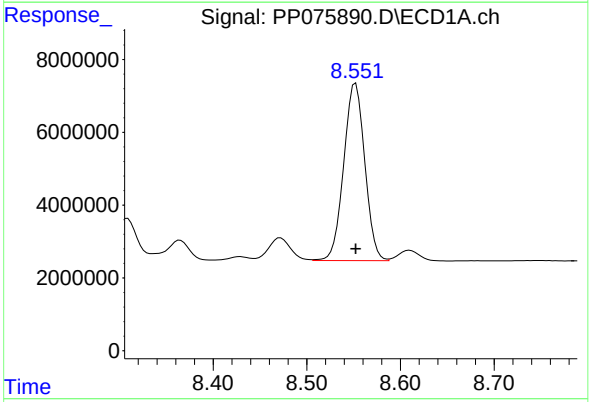
R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 36271488
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



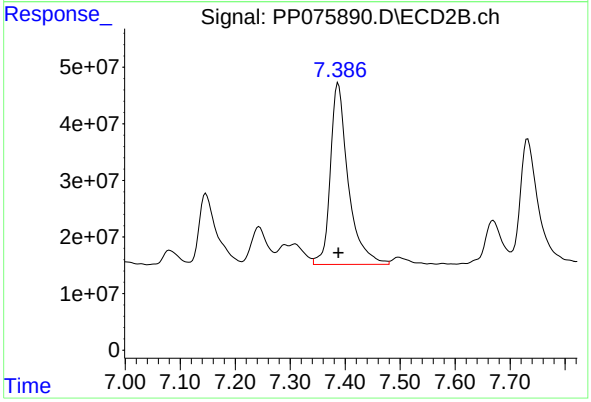
#34 AR-1260-4

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 278154531
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 76226369
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 724073181
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:27:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.645	3.784	37075524	169.0E6	25.583	24.784
2)	SA Decachlor...	10.422	8.784	28447228	209.4E6	26.182	25.220
	Target Compounds						
3)	L1 AR-1016-1	5.798	4.879	15764214	192.2E6	268.295	257.757
4)	L1 AR-1016-2	5.819	4.938	23732820	92000931	268.205	258.433
5)	L1 AR-1016-3	5.882	5.057	14886118	51110889	270.868	258.889
6)	L1 AR-1016-4	5.979	5.098	12136196	50910953	266.787	261.815
7)	L1 AR-1016-5	6.272	5.311	11195531	62484223	265.950	278.799
31)	L7 AR-1260-1	7.390	6.340	18525045	137.5E6	267.300	253.727
32)	L7 AR-1260-2	7.643	6.526	23496784	210.3E6	269.643	251.752
33)	L7 AR-1260-3	8.001	6.680	18178927	148.9E6	265.157	252.205
34)	L7 AR-1260-4	8.229	7.150	18638279	133.3E6	263.200	241.399
35)	L7 AR-1260-5	8.554	7.389	38759842	344.9E6	261.402	239.232

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

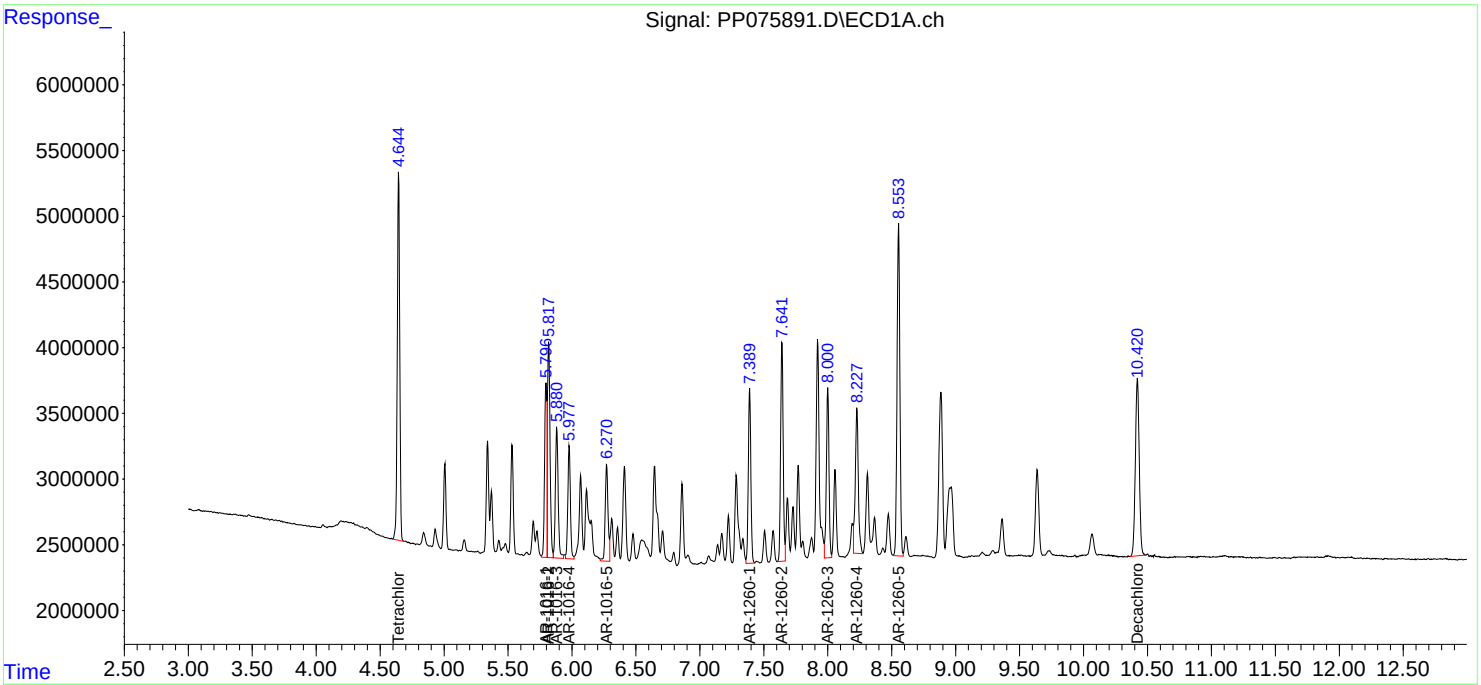
ICAL Form

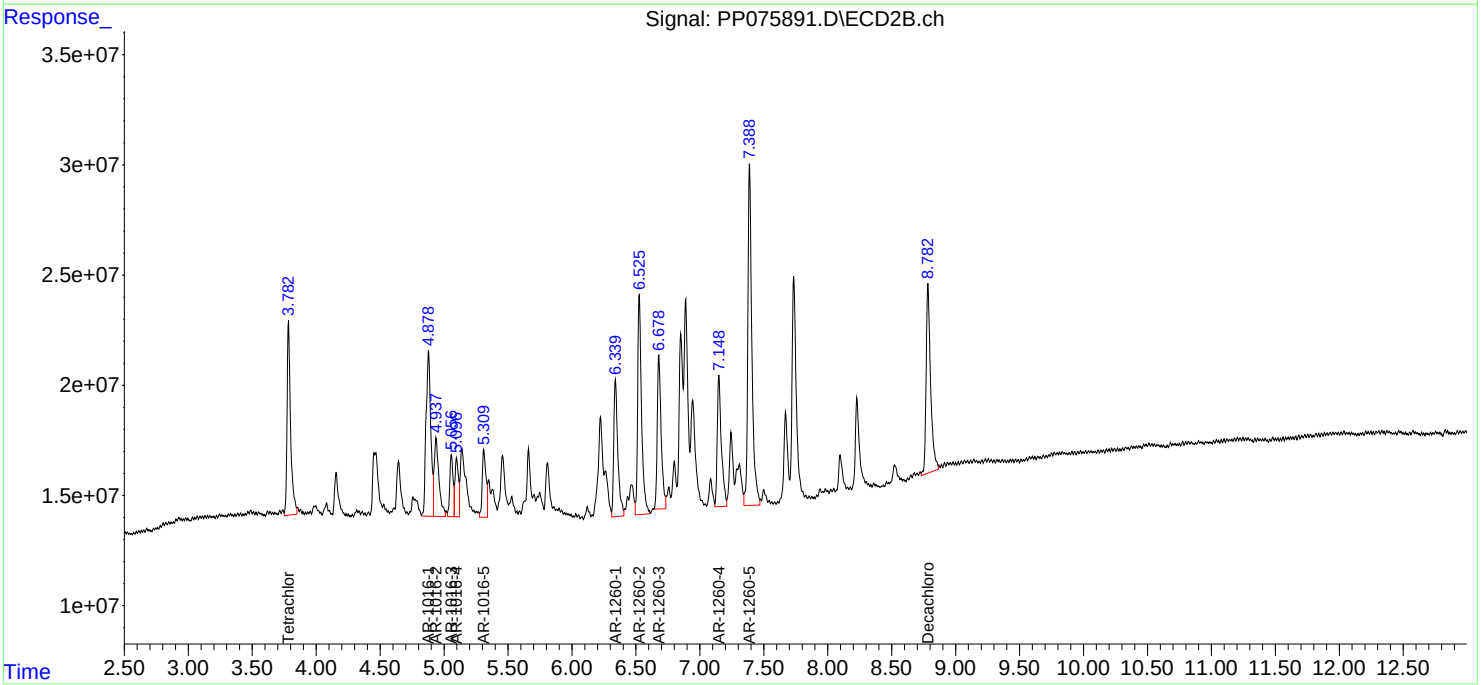
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

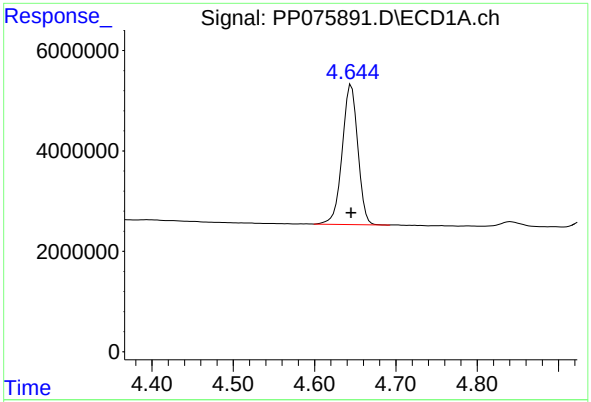
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:27:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



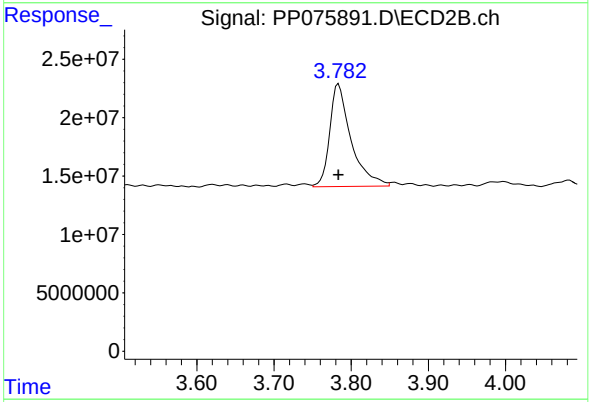




#1 Tetrachloro-m-xylene

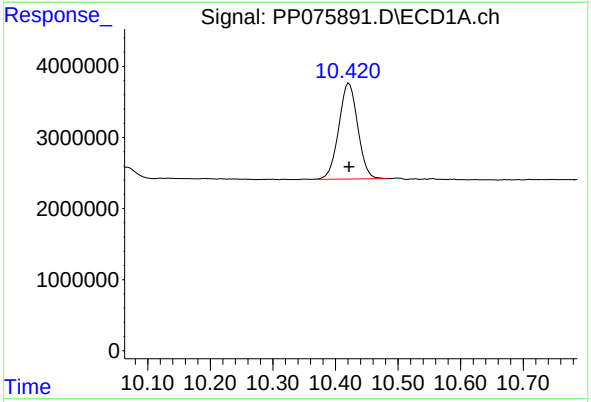
R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 37075524
Conc: 25.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



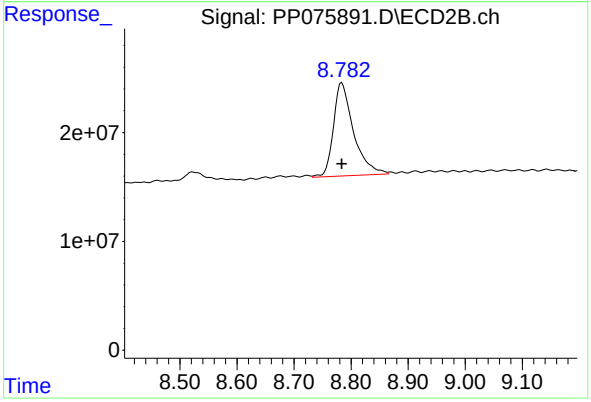
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 168955871
Conc: 24.78 ng/ml



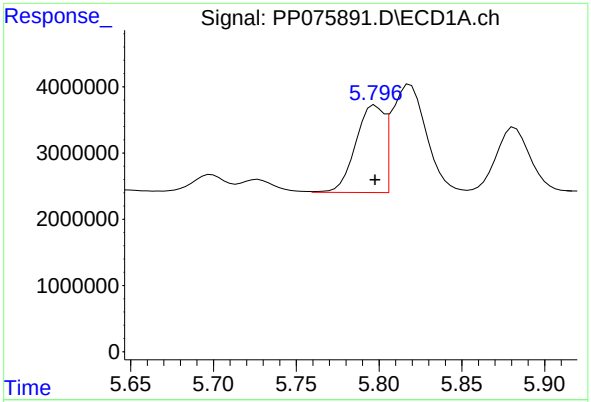
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 28447228
Conc: 26.18 ng/ml



#2 Decachlorobiphenyl

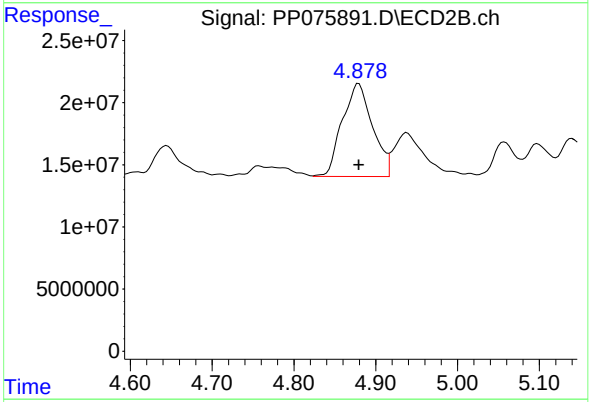
R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 209392295
Conc: 25.22 ng/ml



#3 AR-1016-1

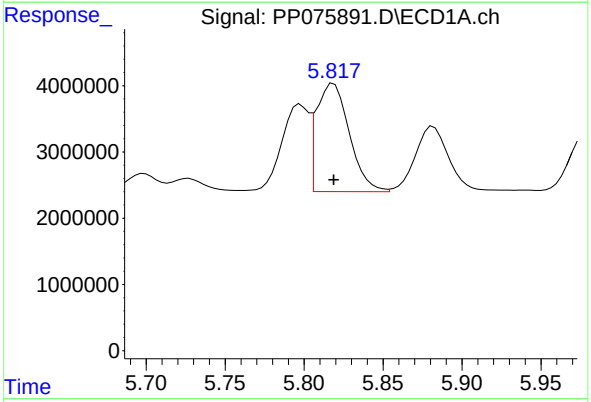
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 15764214
Conc: 268.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



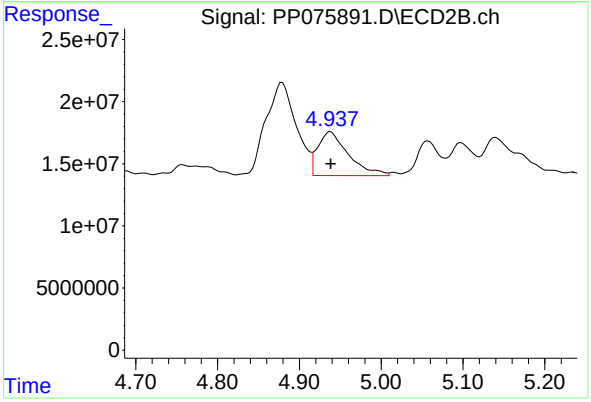
#3 AR-1016-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 192203729
Conc: 257.76 ng/ml



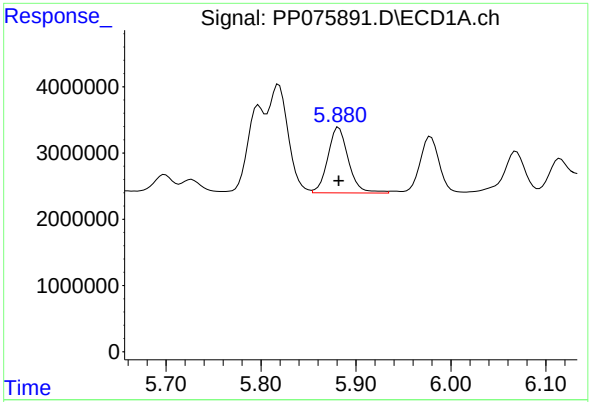
#4 AR-1016-2

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 23732820
Conc: 268.20 ng/ml



#4 AR-1016-2

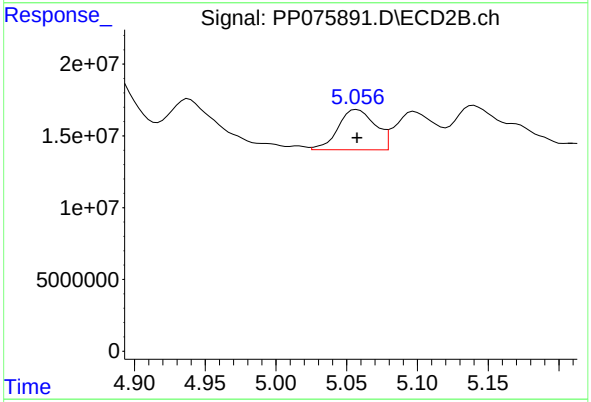
R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 92000931
Conc: 258.43 ng/ml



#5 AR-1016-3

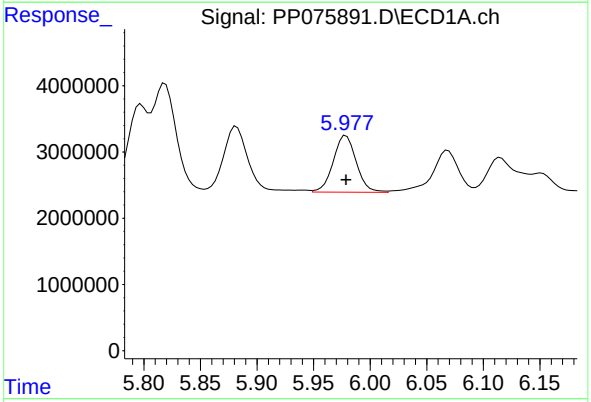
R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 14886118
Conc: 270.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



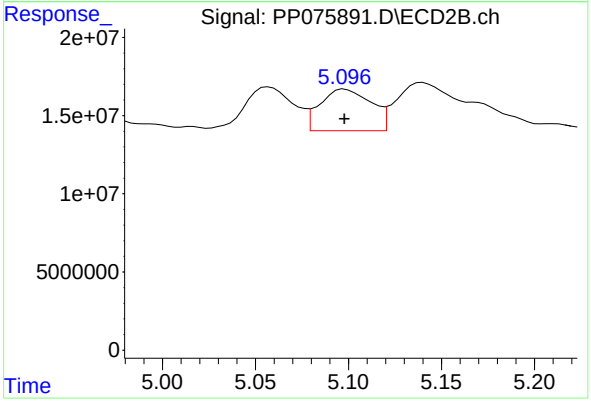
#5 AR-1016-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 51110889
Conc: 258.89 ng/ml



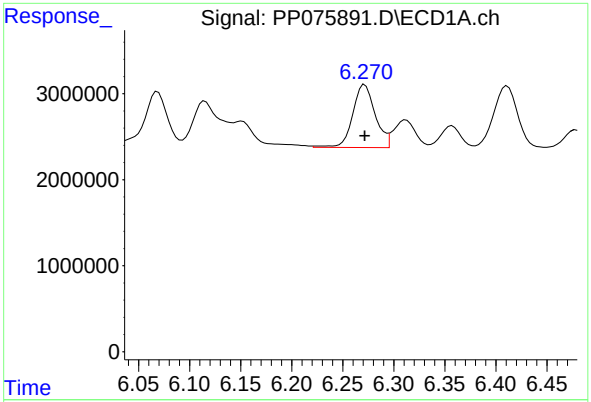
#6 AR-1016-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 12136196
Conc: 266.79 ng/ml



#6 AR-1016-4

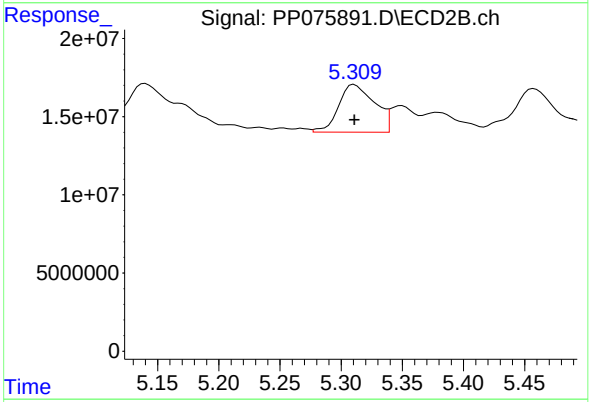
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 50910953
Conc: 261.82 ng/ml



#7 AR-1016-5

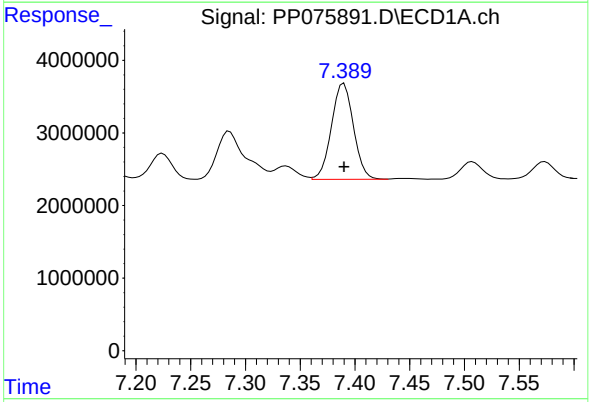
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 11195531
Conc: 265.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



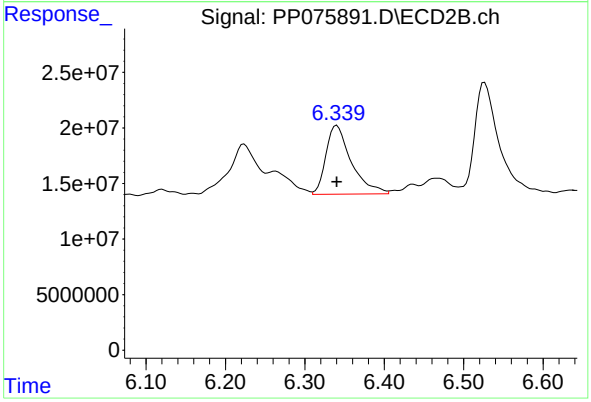
#7 AR-1016-5

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 62484223
Conc: 278.80 ng/ml



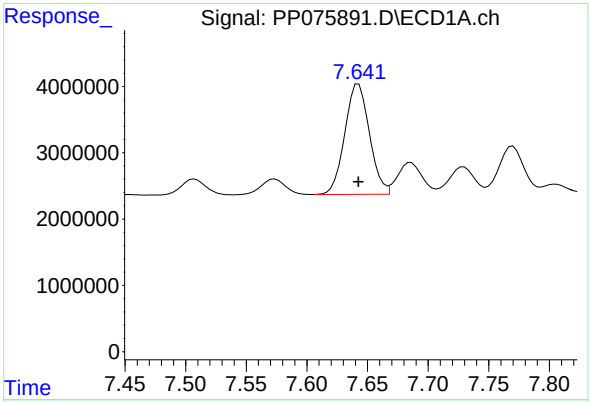
#31 AR-1260-1

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 18525045
Conc: 267.30 ng/ml



#31 AR-1260-1

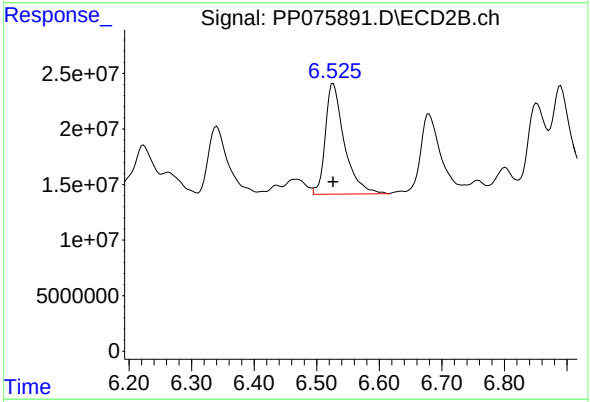
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 137508629
Conc: 253.73 ng/ml



#32 AR-1260-2

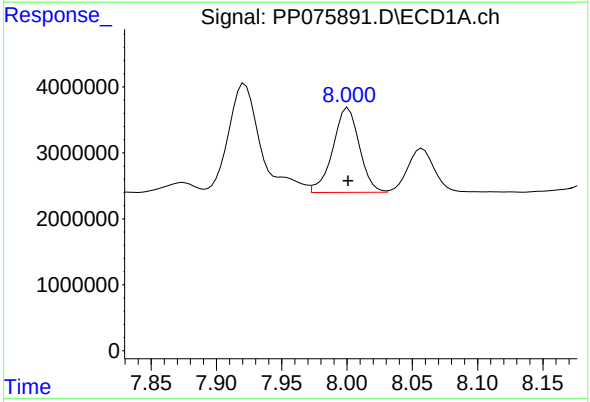
R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 23496784
Conc: 269.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



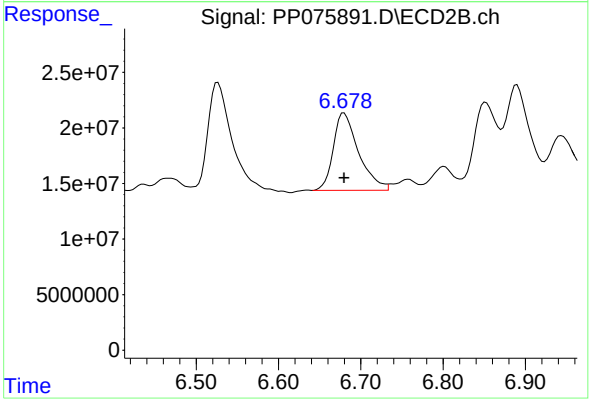
#32 AR-1260-2

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 210292498
Conc: 251.75 ng/ml



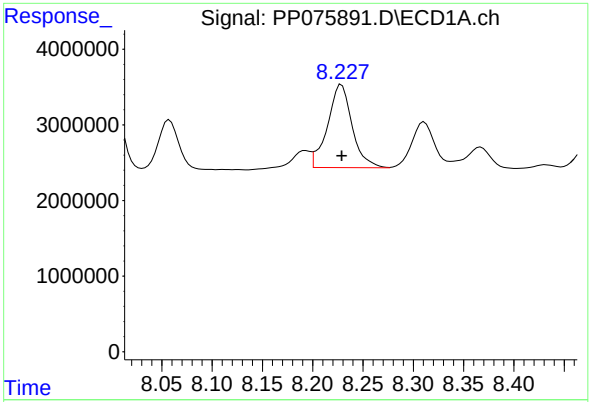
#33 AR-1260-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 18178927
Conc: 265.16 ng/ml



#33 AR-1260-3

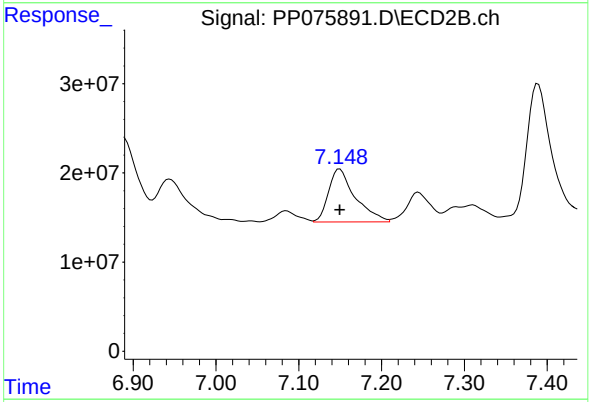
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 148916878
Conc: 252.21 ng/ml



#34 AR-1260-4

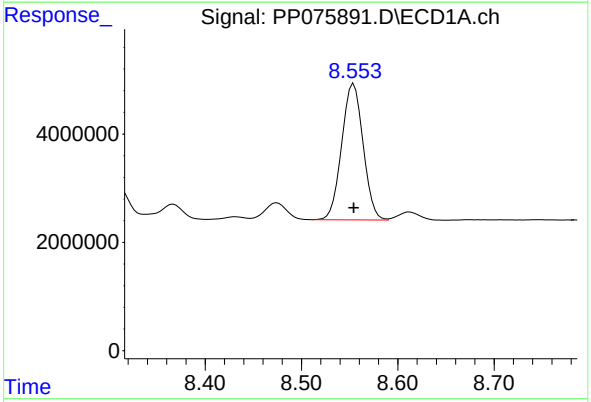
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 18638279
Conc: 263.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



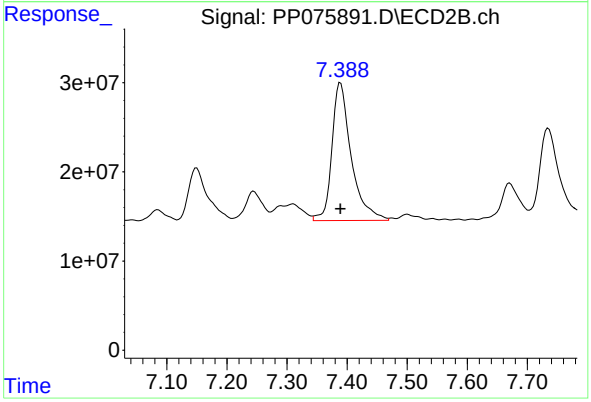
#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 133338171
Conc: 241.40 ng/ml



#35 AR-1260-5

R.T.: 8.554 min
Delta R.T.: 0.000 min
Response: 38759842
Conc: 261.40 ng/ml



#35 AR-1260-5

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 344869131
Conc: 239.23 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:11
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:33:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.645	3.781	6742686	29112438	4.718	4.278m
2)	SA Decachlor...	10.422	8.783	5182617	39519966	4.814	4.806
	Target Compounds						
3)	L1 AR-1016-1	5.798	4.880	3030132	35907453	51.249	48.512
4)	L1 AR-1016-2	5.819	4.943	4413506	14284050	49.902	41.774
5)	L1 AR-1016-3	5.880	5.052	2846330	11850858	50.609m	58.316m
6)	L1 AR-1016-4	5.978	5.094	2262026	7830620	48.653m	41.996m
7)	L1 AR-1016-5	6.272	5.308	2432108	12171962	56.032	53.433m
31)	L7 AR-1260-1	7.390	6.339	3328272	28532945	48.407	52.096
32)	L7 AR-1260-2	7.643	6.528	4966284	36370402	55.441	44.696
33)	L7 AR-1260-3	8.001	6.681	3609827	22597431	52.100	40.155
34)	L7 AR-1260-4	8.229	7.150	2980037	19361634	43.459	37.282
35)	L7 AR-1260-5	8.555	7.388	7332547	50574953	49.560	37.309

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:11
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

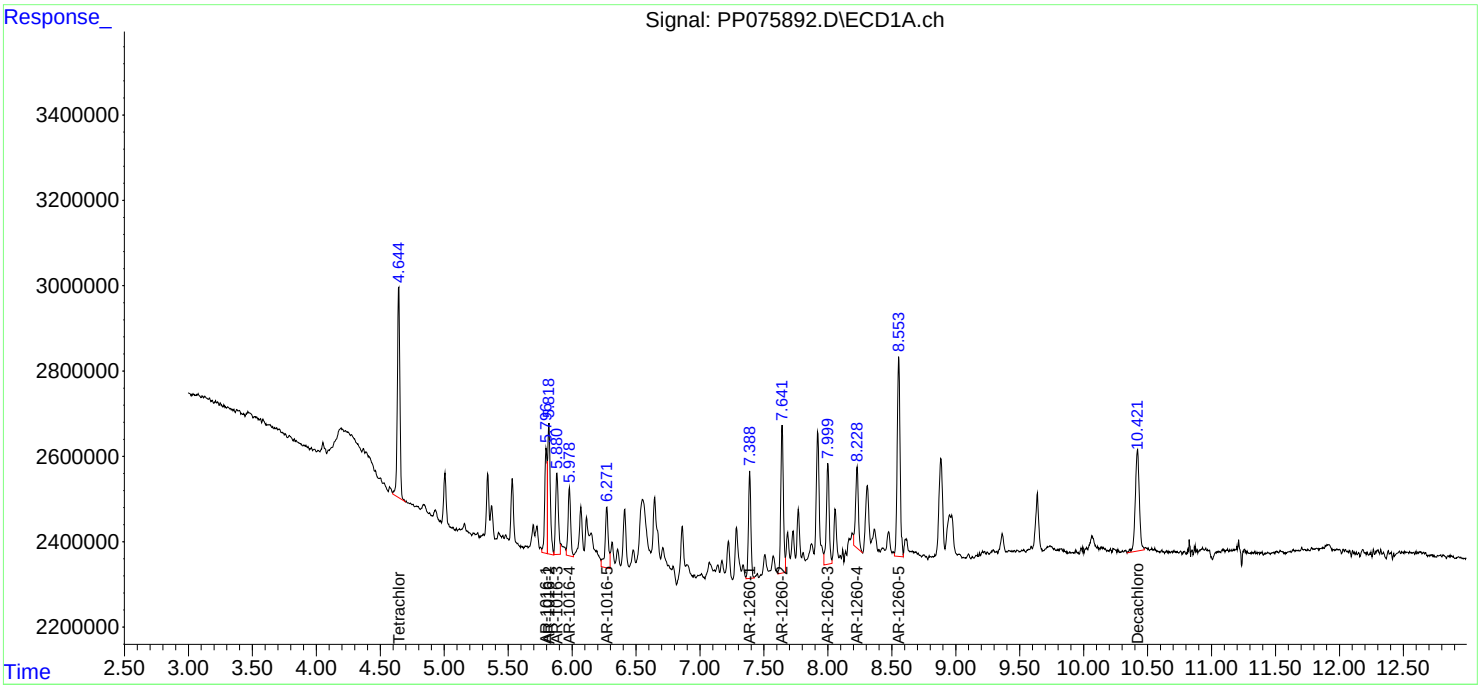
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

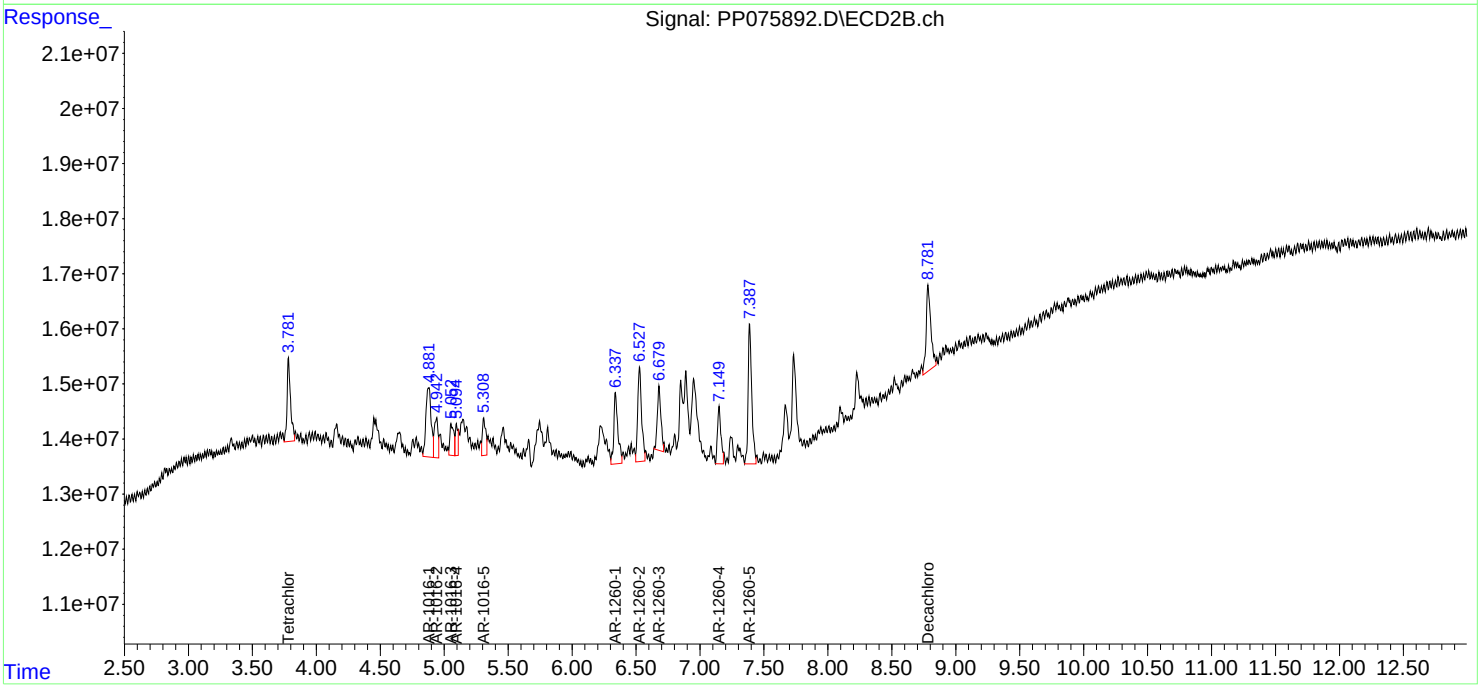
Manual Integrations APPROVED

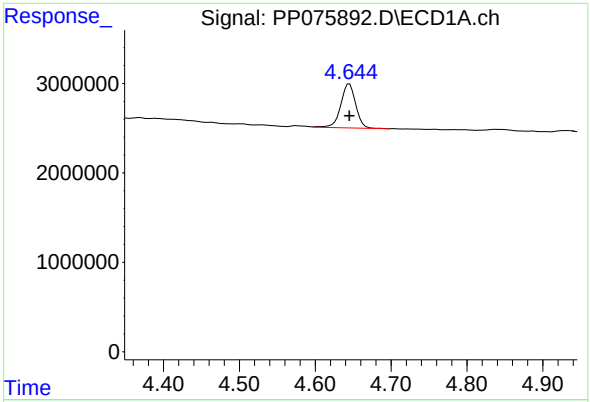
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:33:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







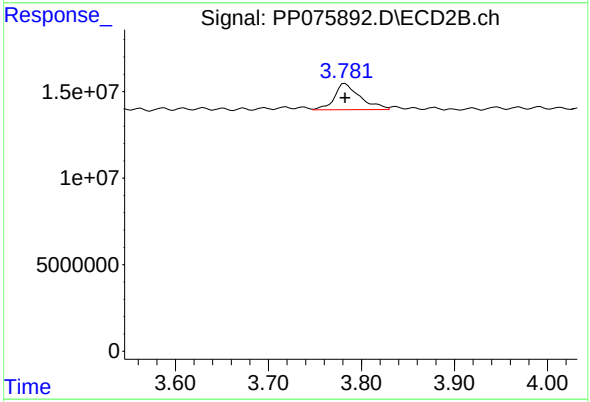
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 6742686
Conc: 4.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

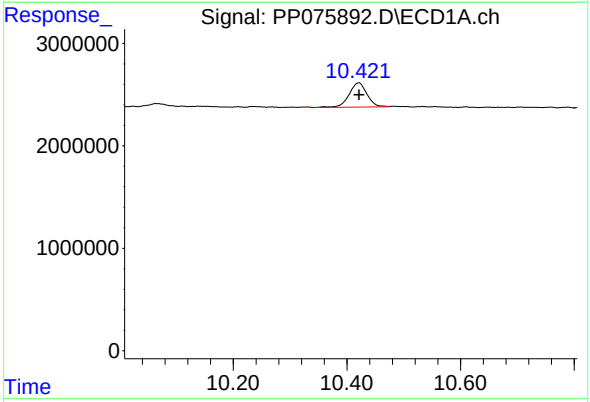
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



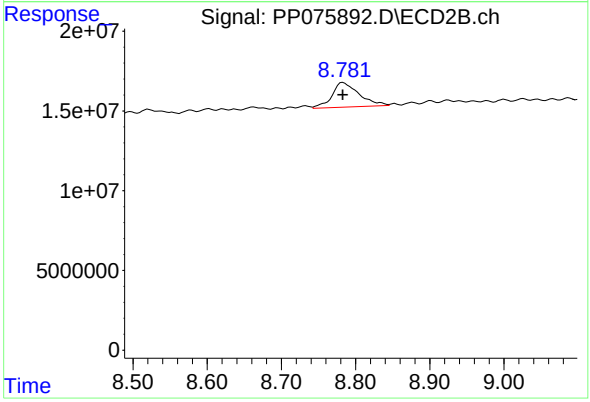
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 29112438
Conc: 4.28 ng/ml m



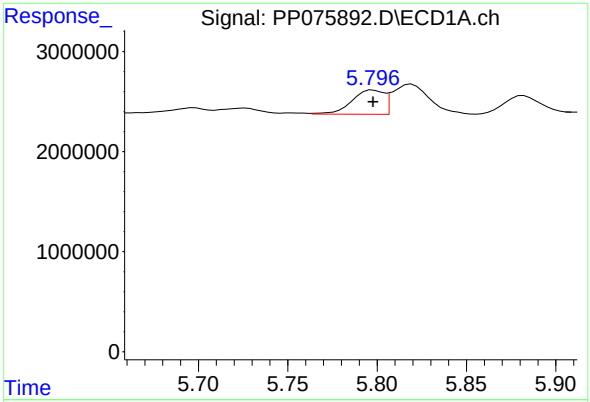
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 5182617
Conc: 4.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 39519966
Conc: 4.81 ng/ml



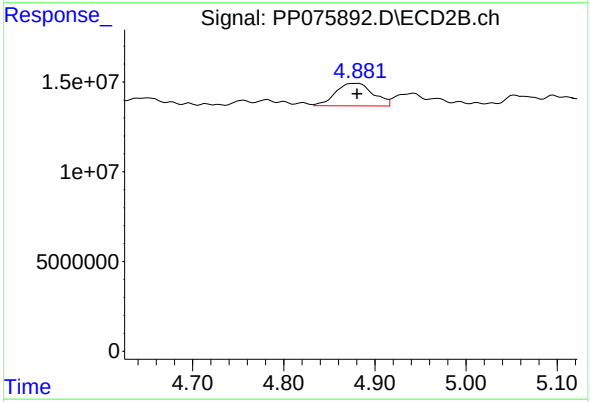
#3 AR-1016-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 3030132
Conc: 51.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

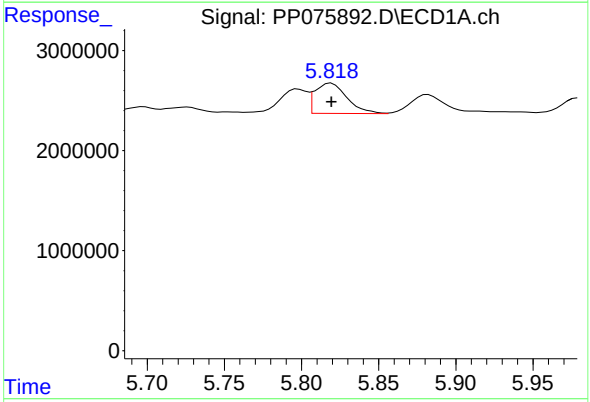
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



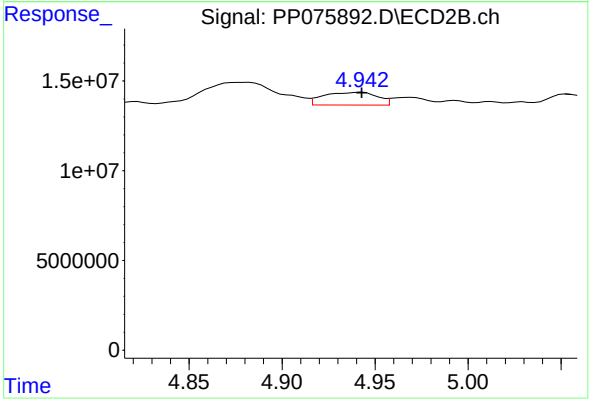
#3 AR-1016-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 35907453
Conc: 48.51 ng/ml



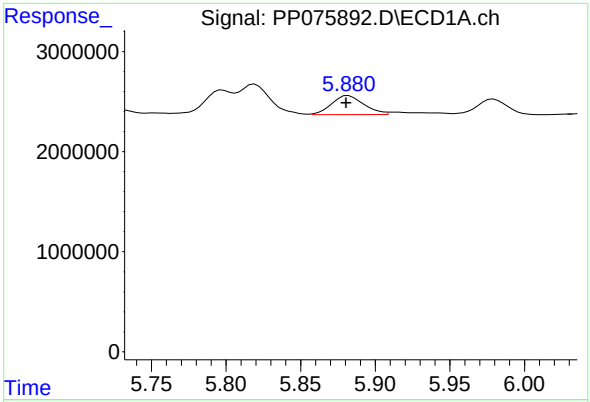
#4 AR-1016-2

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 4413506
Conc: 49.90 ng/ml



#4 AR-1016-2

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 14284050
Conc: 41.77 ng/ml



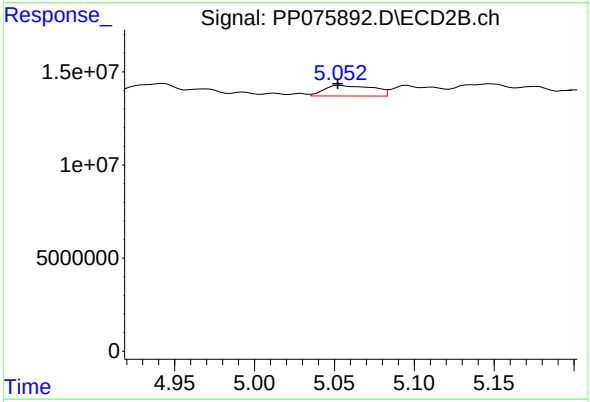
#5 AR-1016-3

R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 2846330
Conc: 50.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

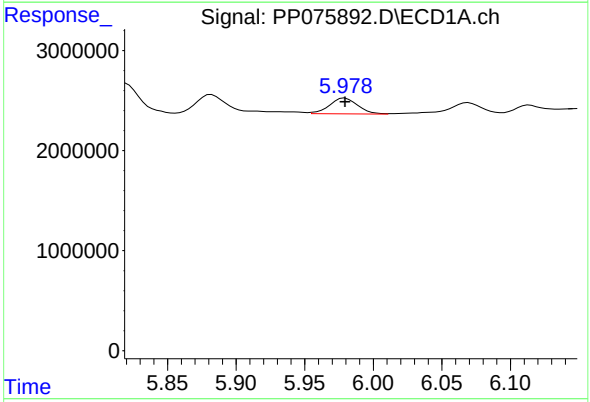
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



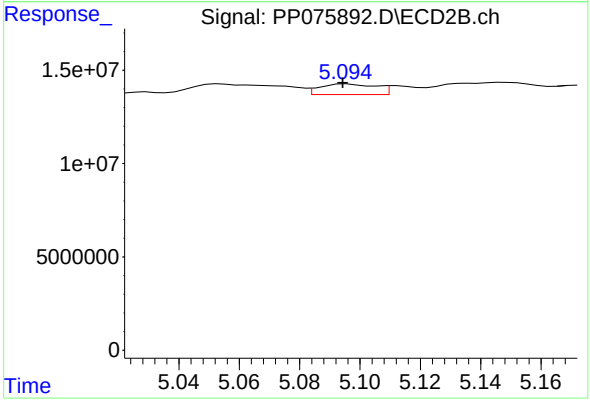
#5 AR-1016-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 11850858
Conc: 58.32 ng/ml m



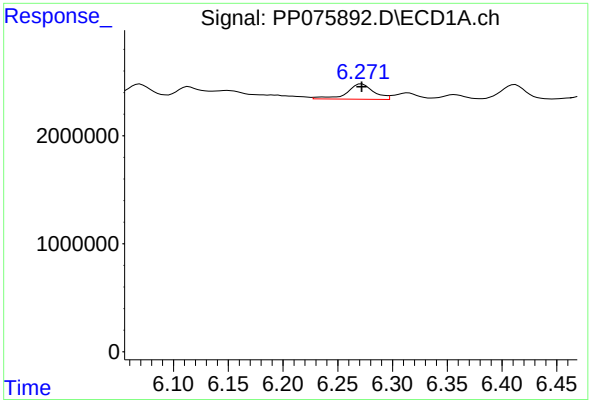
#6 AR-1016-4

R.T.: 5.978 min
Delta R.T.: -0.001 min
Response: 2262026
Conc: 48.65 ng/ml m



#6 AR-1016-4

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 7830620
Conc: 42.00 ng/ml m



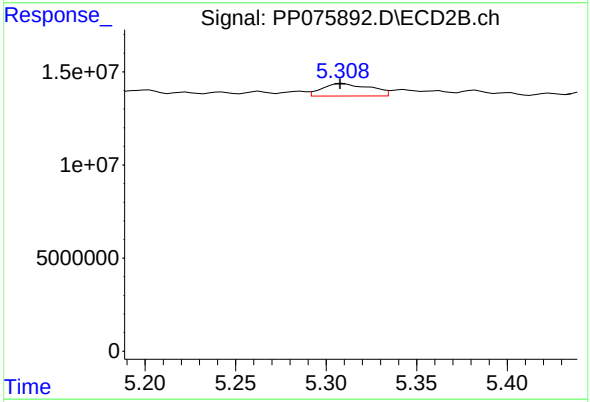
#7 AR-1016-5

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 2432108
Conc: 56.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

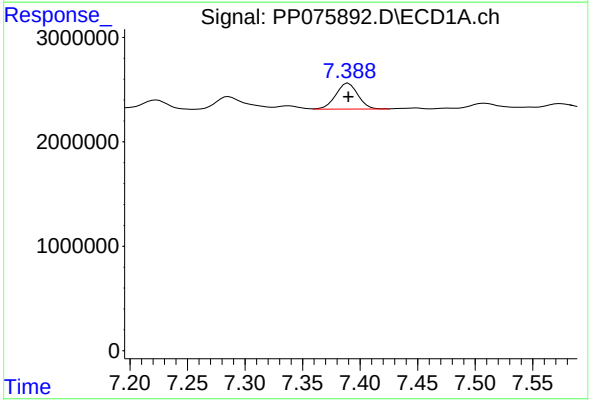
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



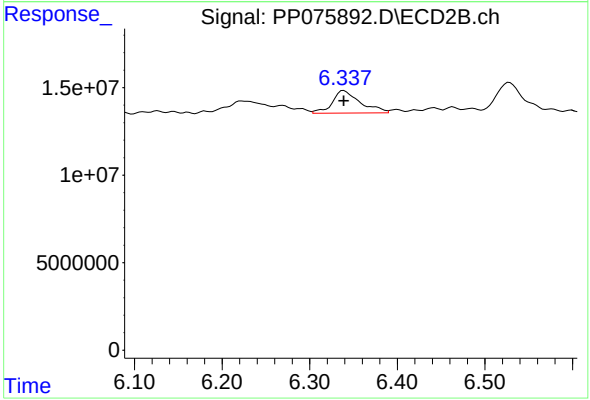
#7 AR-1016-5

R.T.: 5.308 min
Delta R.T.: 0.000 min
Response: 12171962
Conc: 53.43 ng/ml m



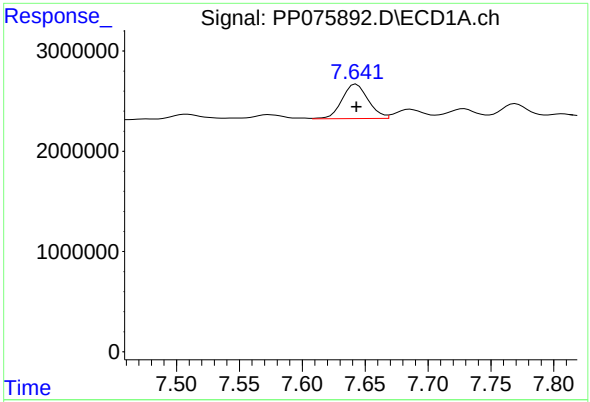
#31 AR-1260-1

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 3328272
Conc: 48.41 ng/ml



#31 AR-1260-1

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 28532945
Conc: 52.10 ng/ml



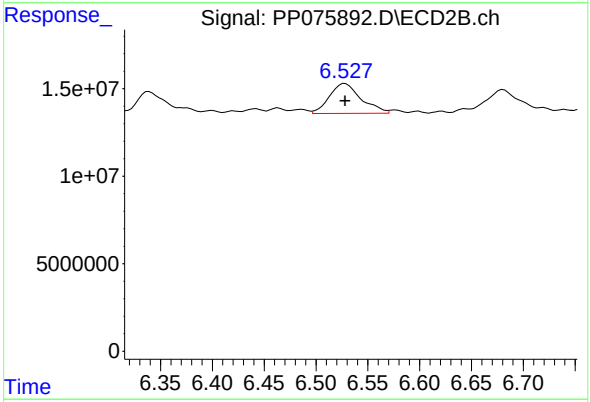
#32 AR-1260-2

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 4966284
Conc: 55.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

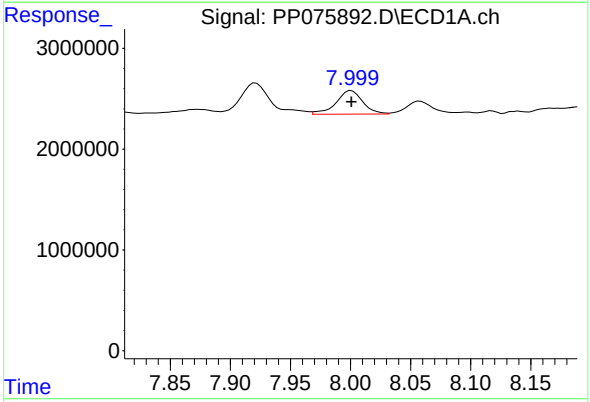
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



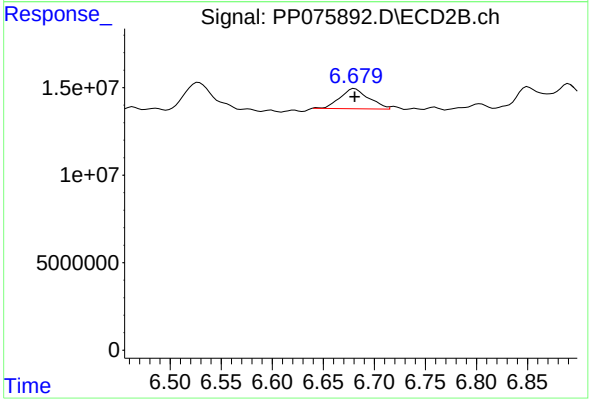
#32 AR-1260-2

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 36370402
Conc: 44.70 ng/ml



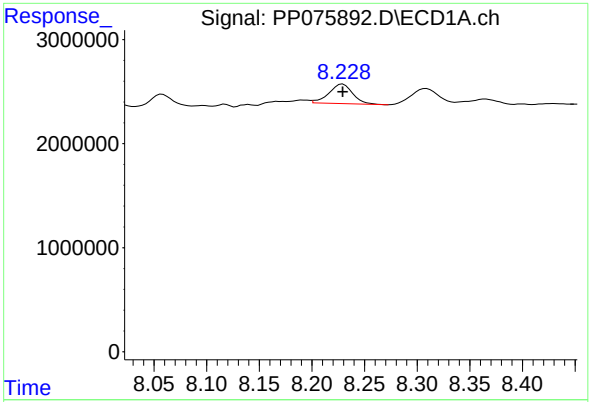
#33 AR-1260-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 3609827
Conc: 52.10 ng/ml



#33 AR-1260-3

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 22597431
Conc: 40.15 ng/ml



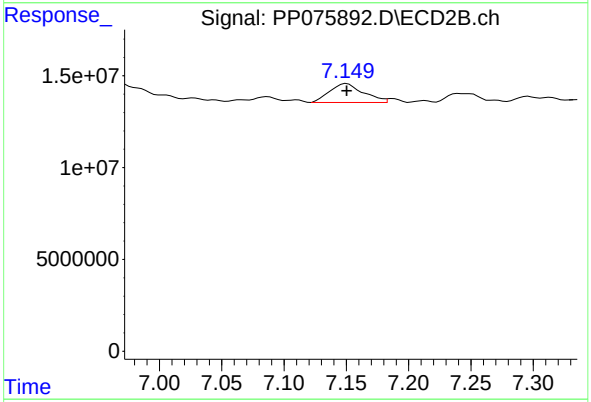
#34 AR-1260-4

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 2980037
Conc: 43.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

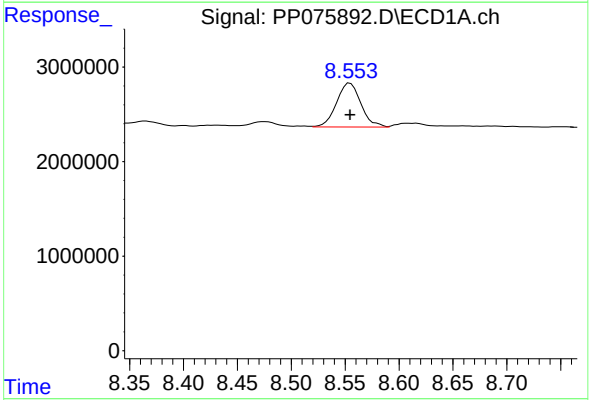
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



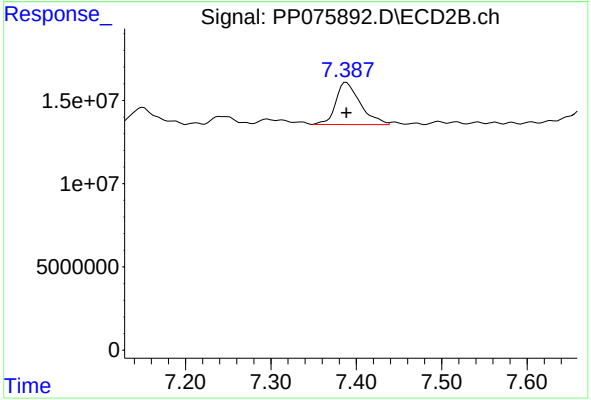
#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 19361634
Conc: 37.28 ng/ml



#35 AR-1260-5

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 7332547
Conc: 49.56 ng/ml



#35 AR-1260-5

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 50574953
Conc: 37.31 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:27
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:37:41 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...	4.643	3.782	75268417	347.9E6	50.000	50.000
2)	SA Decachlor...	10.419	8.781	55765598	413.6E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.843	3.993	10088314	45004530	500.000	500.000
9)	L2 AR-1221-2	4.929	4.076	7530715	31588869	500.000	500.000
10)	L2 AR-1221-3	5.005	4.154	23457783	106.0E6	500.000	500.000

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

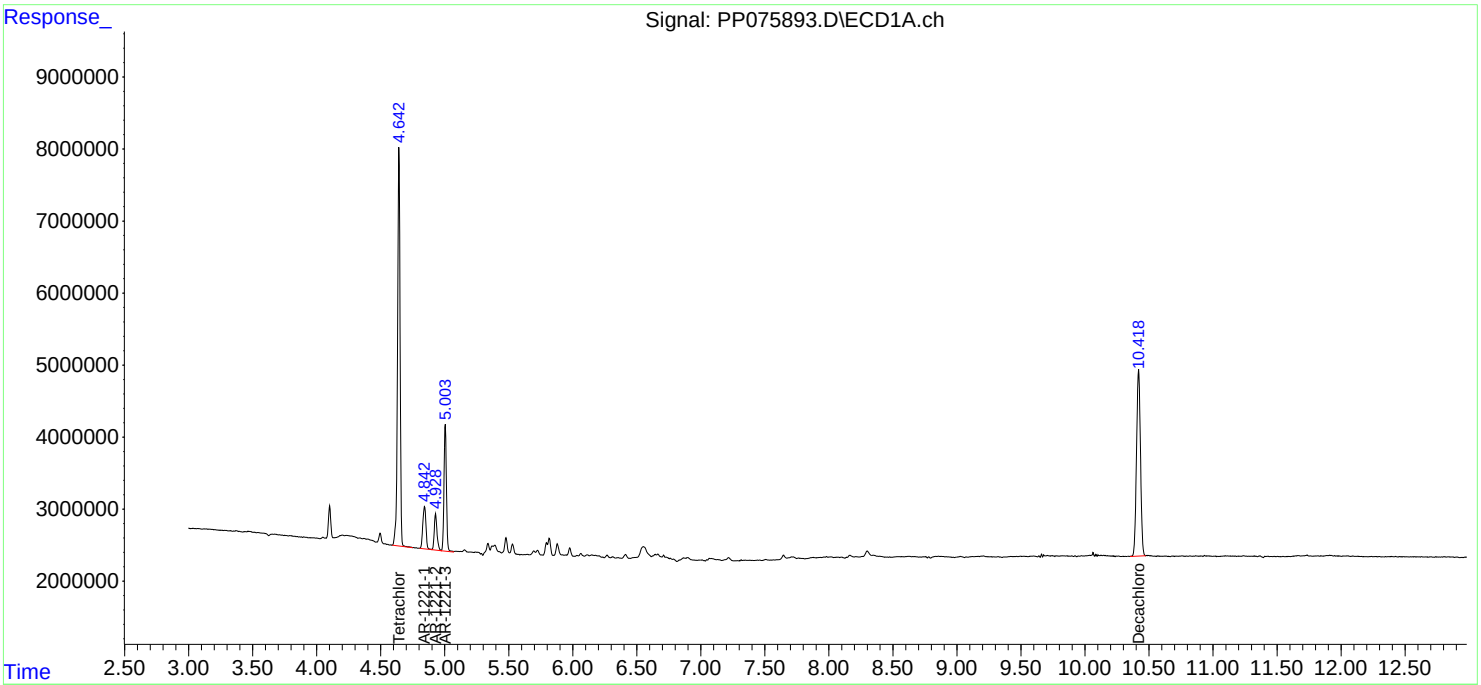
ICAL Form

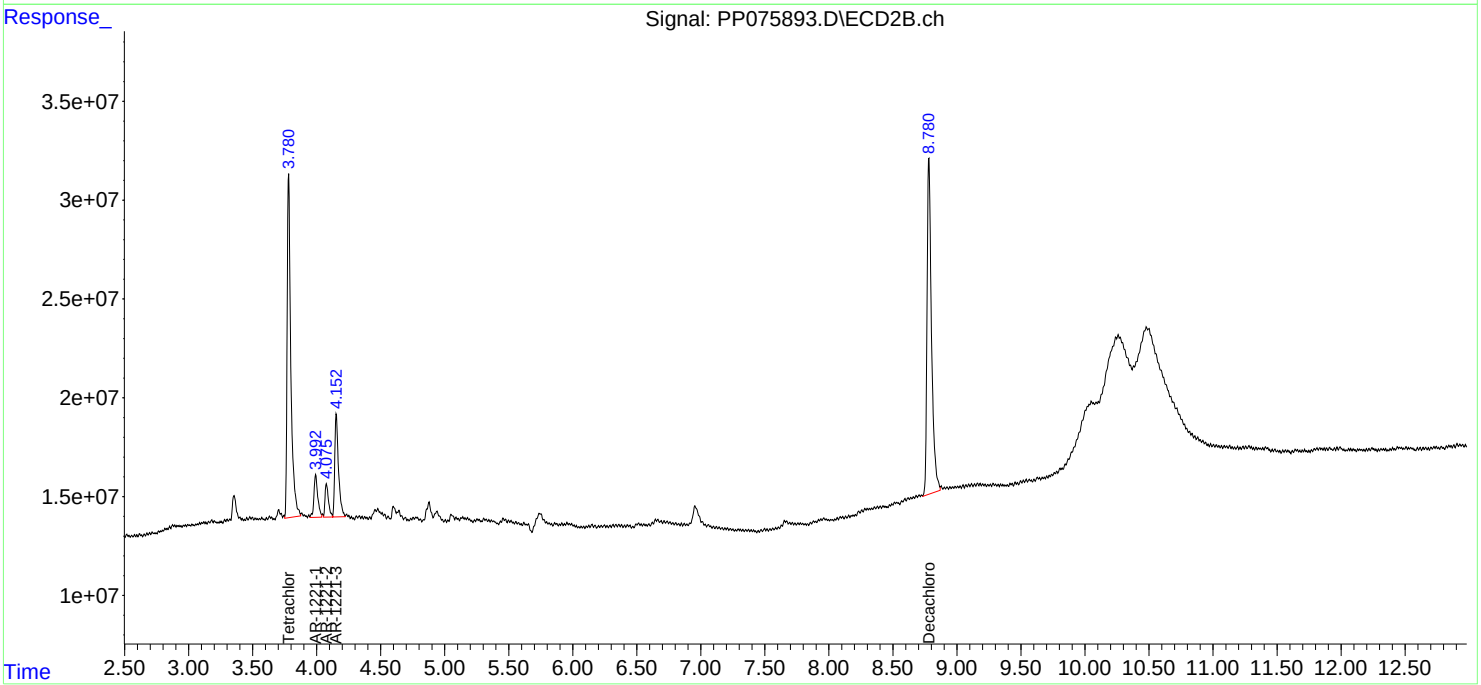
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:27
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

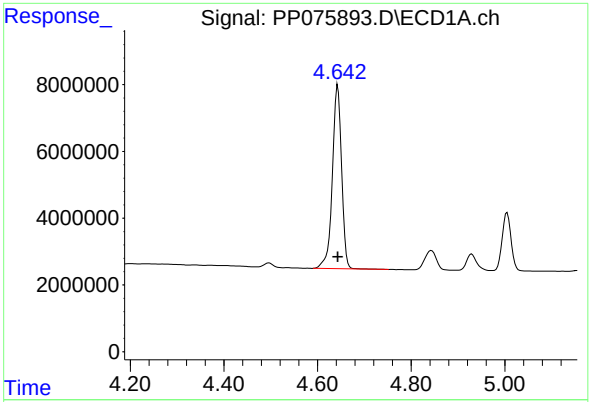
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:37:41 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



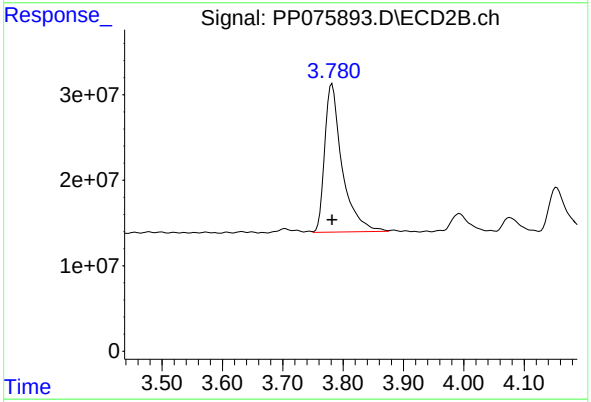




#1 Tetrachloro-m-xylene

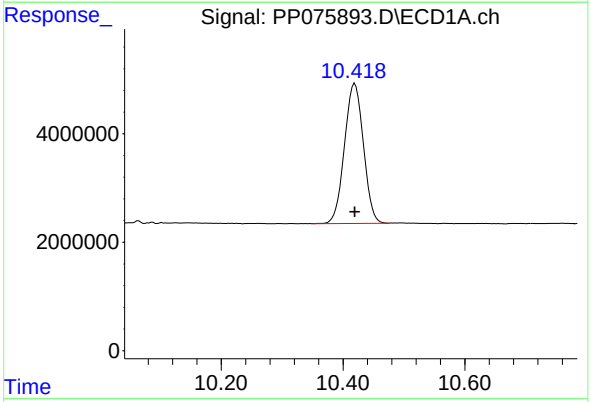
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 75268417
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



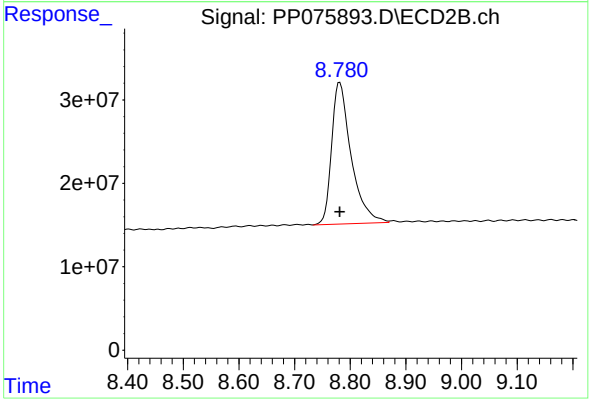
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 347933010
Conc: 50.00 ng/ml



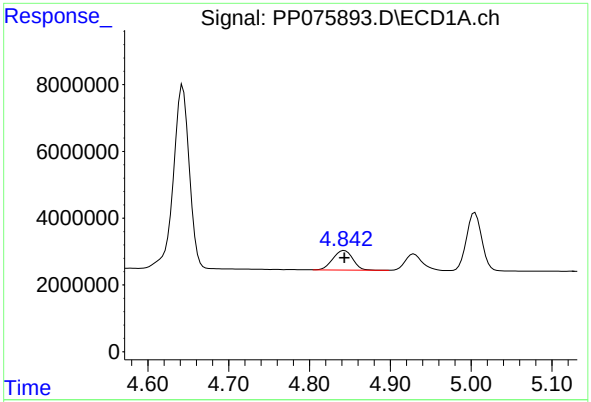
#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 55765598
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

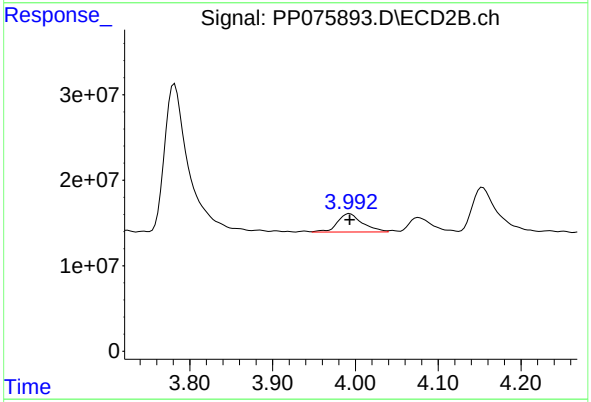
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 413624380
Conc: 50.00 ng/ml



#8 AR-1221-1

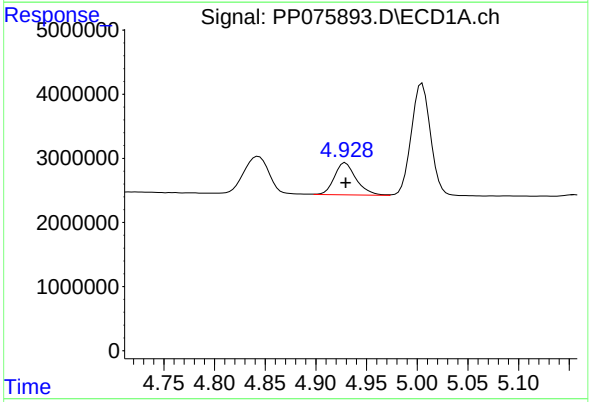
R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 10088314
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



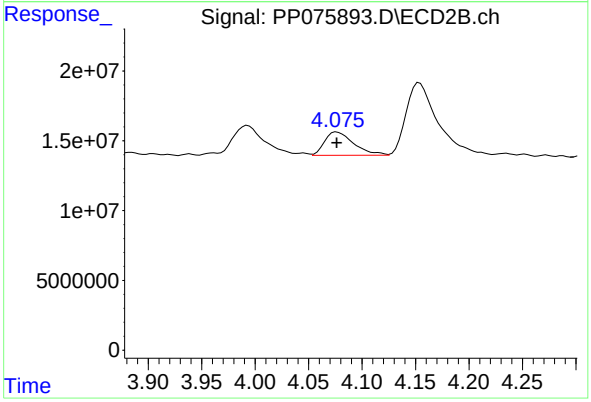
#8 AR-1221-1

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 45004530
Conc: 500.00 ng/ml



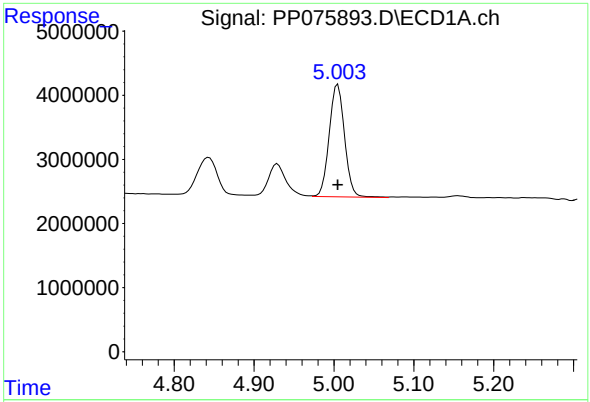
#9 AR-1221-2

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 7530715
Conc: 500.00 ng/ml



#9 AR-1221-2

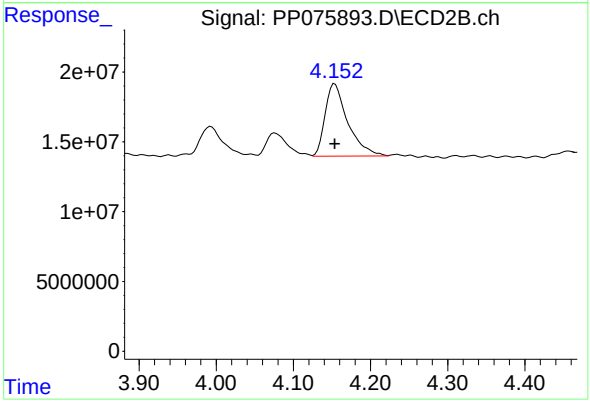
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 31588869
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 23457783
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 106017943
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:43
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:45:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:45:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.644	3.783	76762692	367.2E6	50.000	50.000
2)	SA Decachlor...	10.418	8.783	57573853	421.9E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	5.006	4.154	19657396	84022049	500.000	500.000
12)	L3 AR-1232-2	5.532	4.877	10313847	148.8E6	500.000	500.000
13)	L3 AR-1232-3	5.818	5.056	19319843	40883369	500.000	500.000
14)	L3 AR-1232-4	5.978	5.136	10086255	42471740	500.000	480.688m
15)	L3 AR-1232-5	6.068	5.311	7831441	50325540	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:43
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

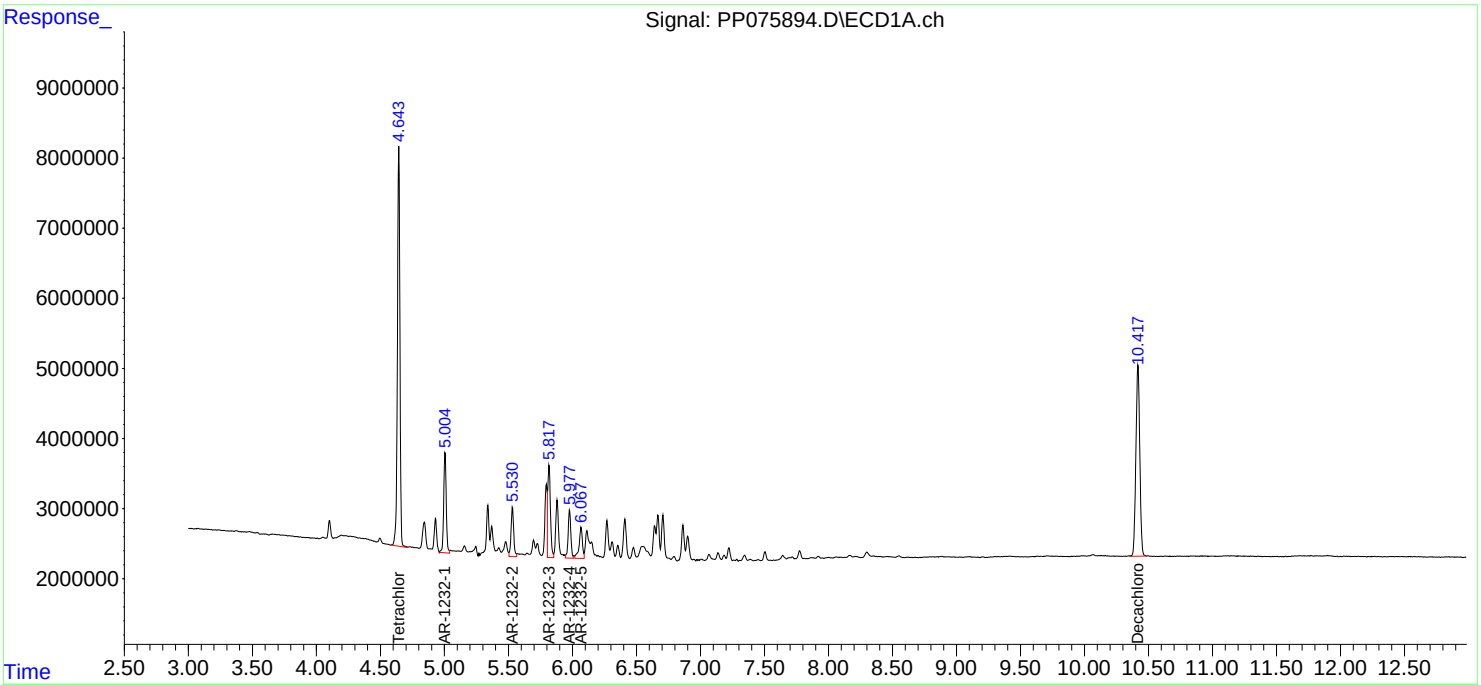
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

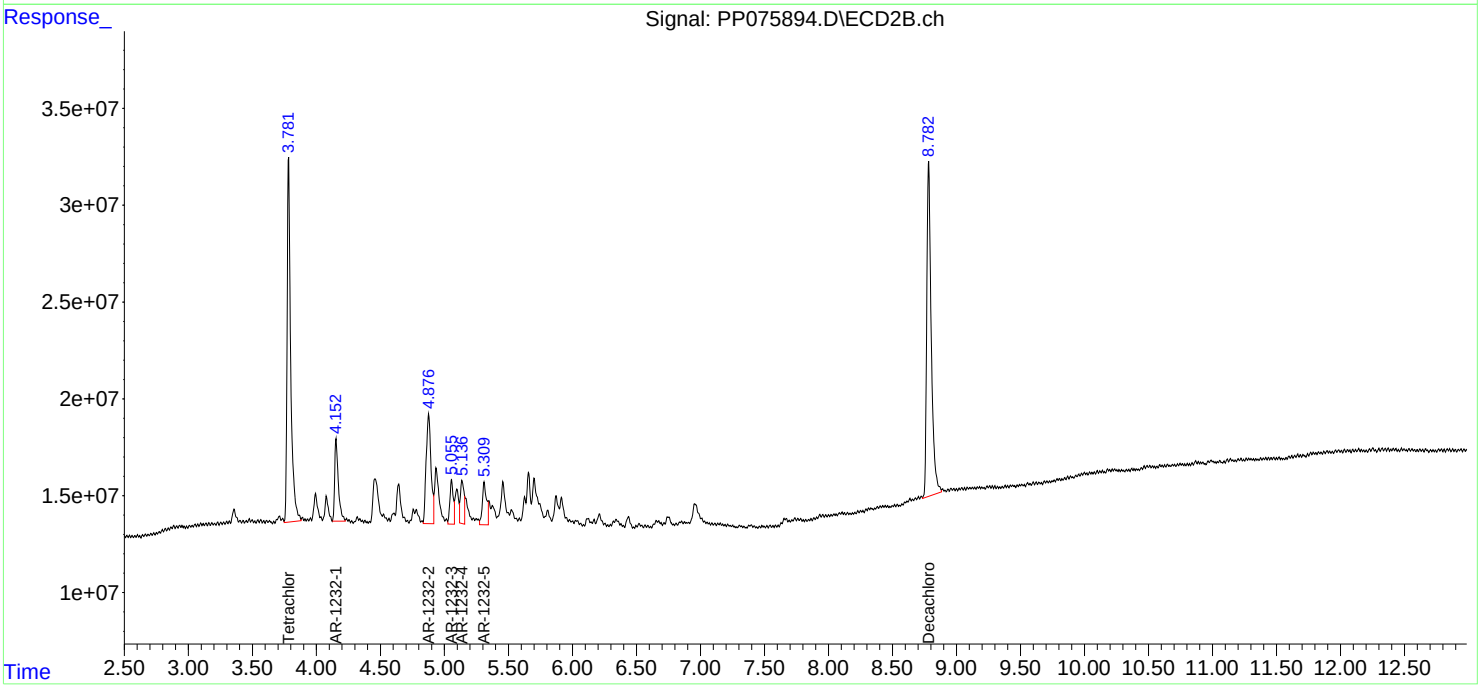
Manual Integrations APPROVED

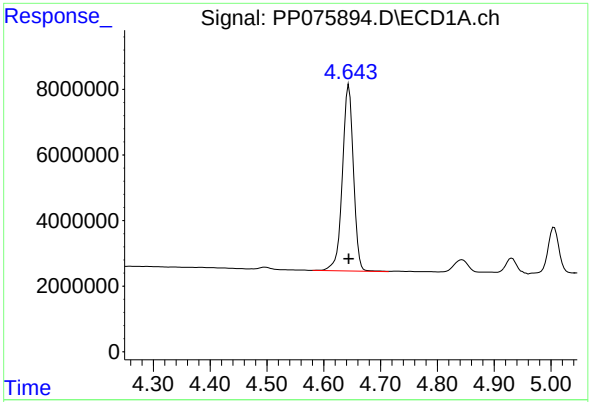
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:45:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:45:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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







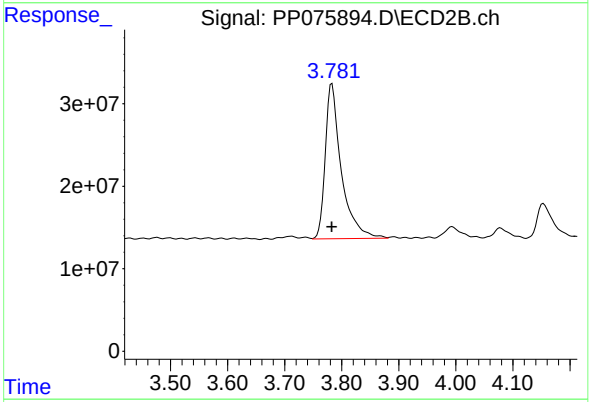
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 76762692
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

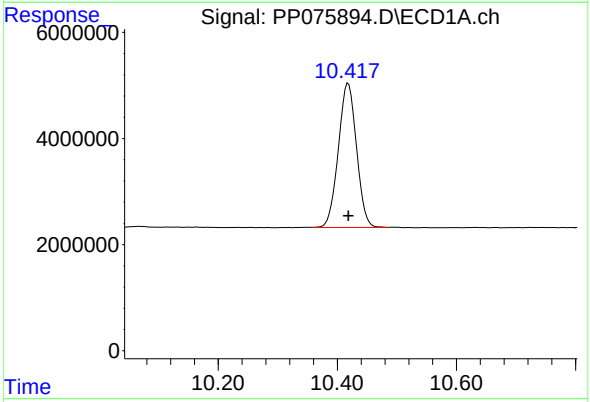
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



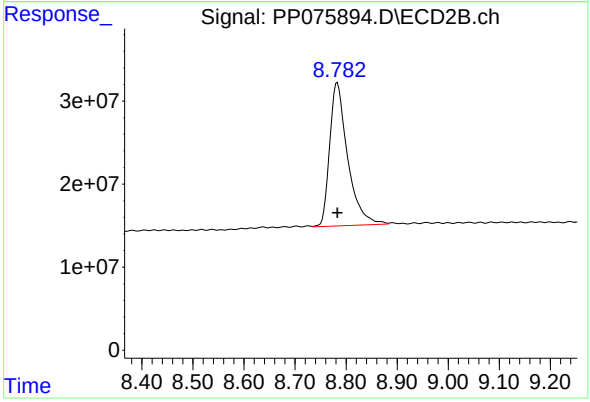
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 367179620
Conc: 50.00 ng/ml



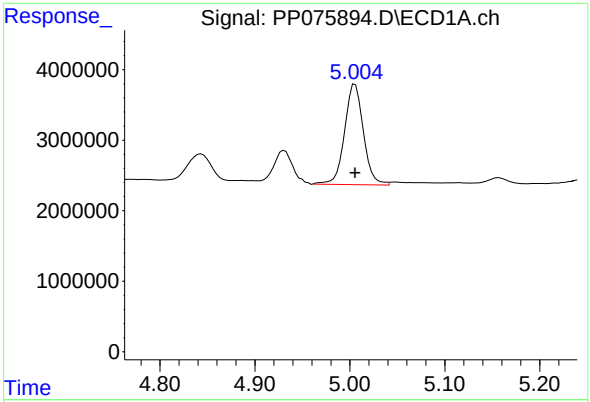
#2 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: 0.000 min
Response: 57573853
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 421908476
Conc: 50.00 ng/ml



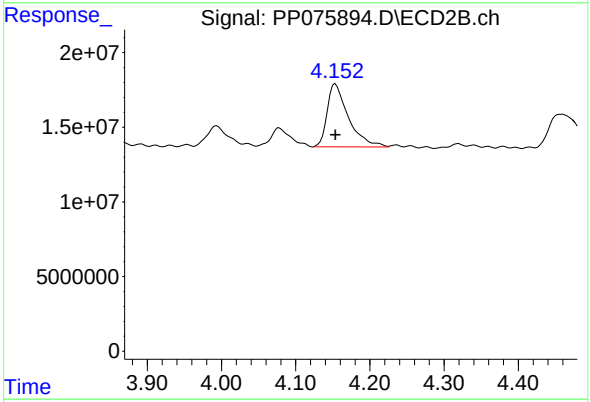
#11 AR-1232-1

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 19657396
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

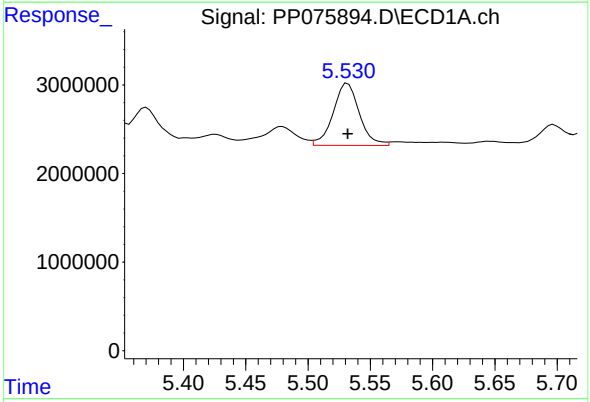
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



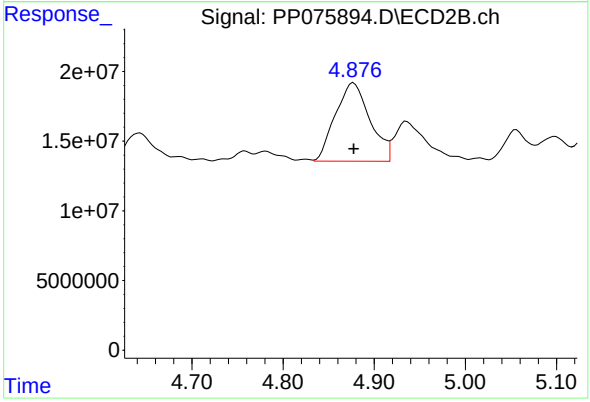
#11 AR-1232-1

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 84022049
Conc: 500.00 ng/ml



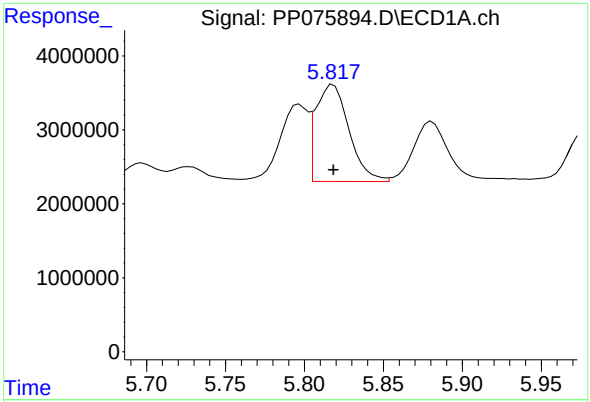
#12 AR-1232-2

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 10313847
Conc: 500.00 ng/ml



#12 AR-1232-2

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 148757988
Conc: 500.00 ng/ml



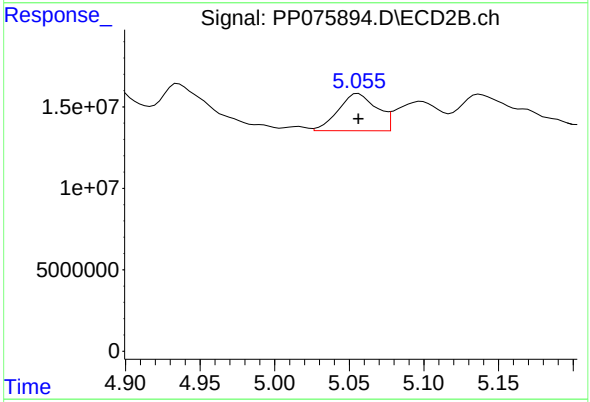
#13 AR-1232-3

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 19319843
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

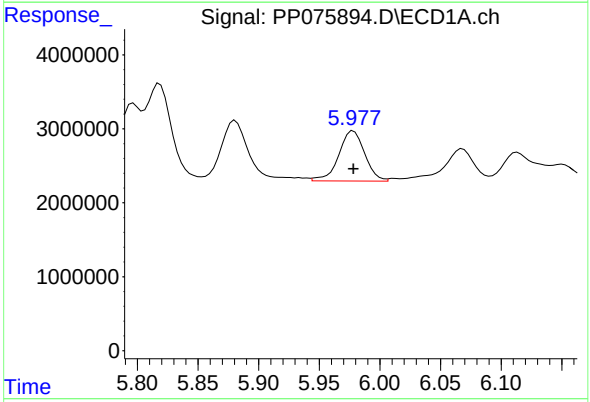
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



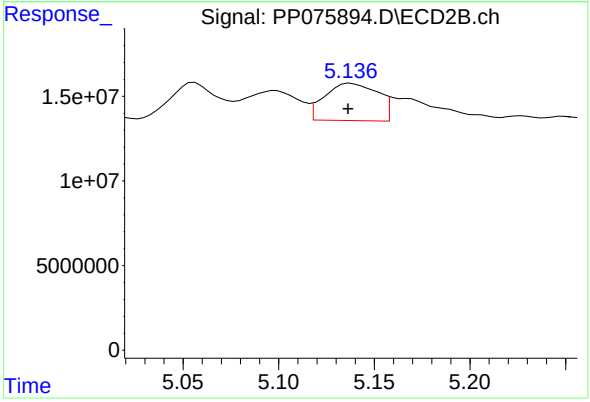
#13 AR-1232-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 40883369
Conc: 500.00 ng/ml



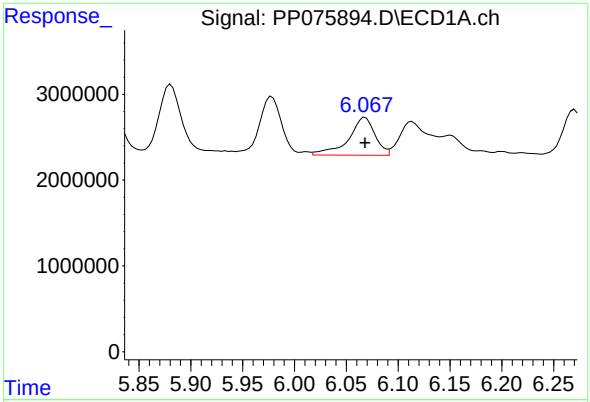
#14 AR-1232-4

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 10086255
Conc: 500.00 ng/ml



#14 AR-1232-4

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 42471740
Conc: 480.69 ng/ml m



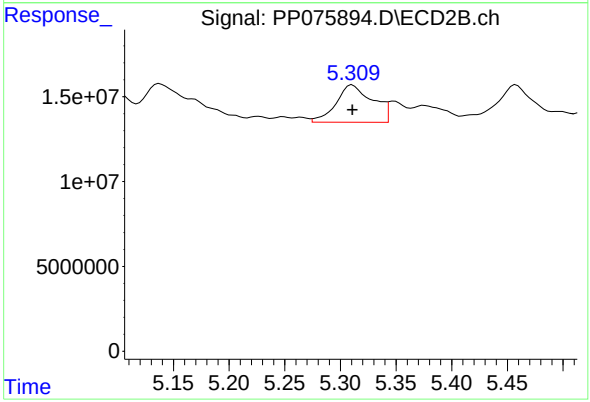
#15 AR-1232-5

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 7831441
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#15 AR-1232-5

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 50325540
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:59
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:57:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.784	146.7E6	755.6E6	97.370	101.273
2)	SA Decachlor...	10.422	8.784	113.6E6	890.5E6	95.988	98.950
	Target Compounds						
16)	L4 AR-1242-1	5.799	4.880	44019933	571.1E6	960.145	977.263
17)	L4 AR-1242-2	5.820	4.938	64942800	271.6E6	955.587	968.789
18)	L4 AR-1242-3	5.882	5.058	40140584	148.4E6	947.491	955.722
19)	L4 AR-1242-4	5.980	5.140	33543618	195.3E6	958.879	946.968m
20)	L4 AR-1242-5	6.710	5.660	36405140	229.6E6	929.963	969.155

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:59
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

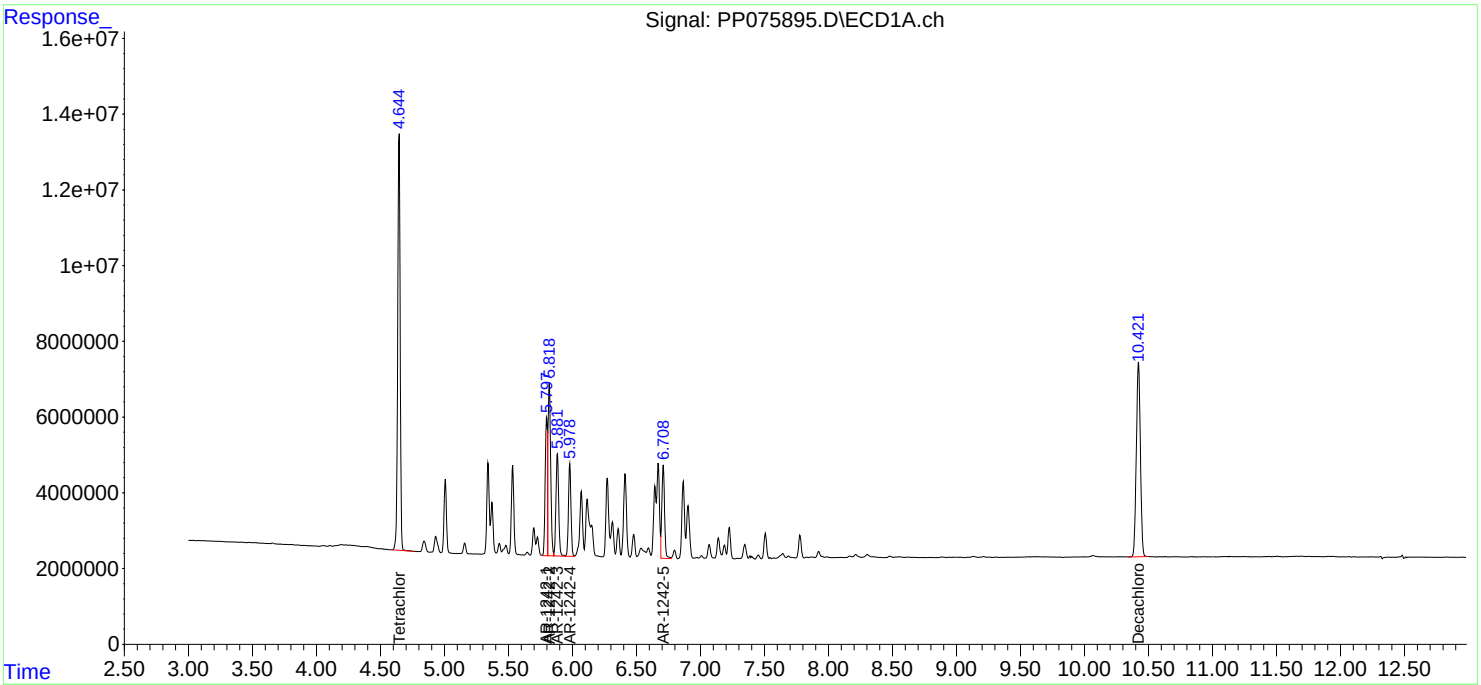
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

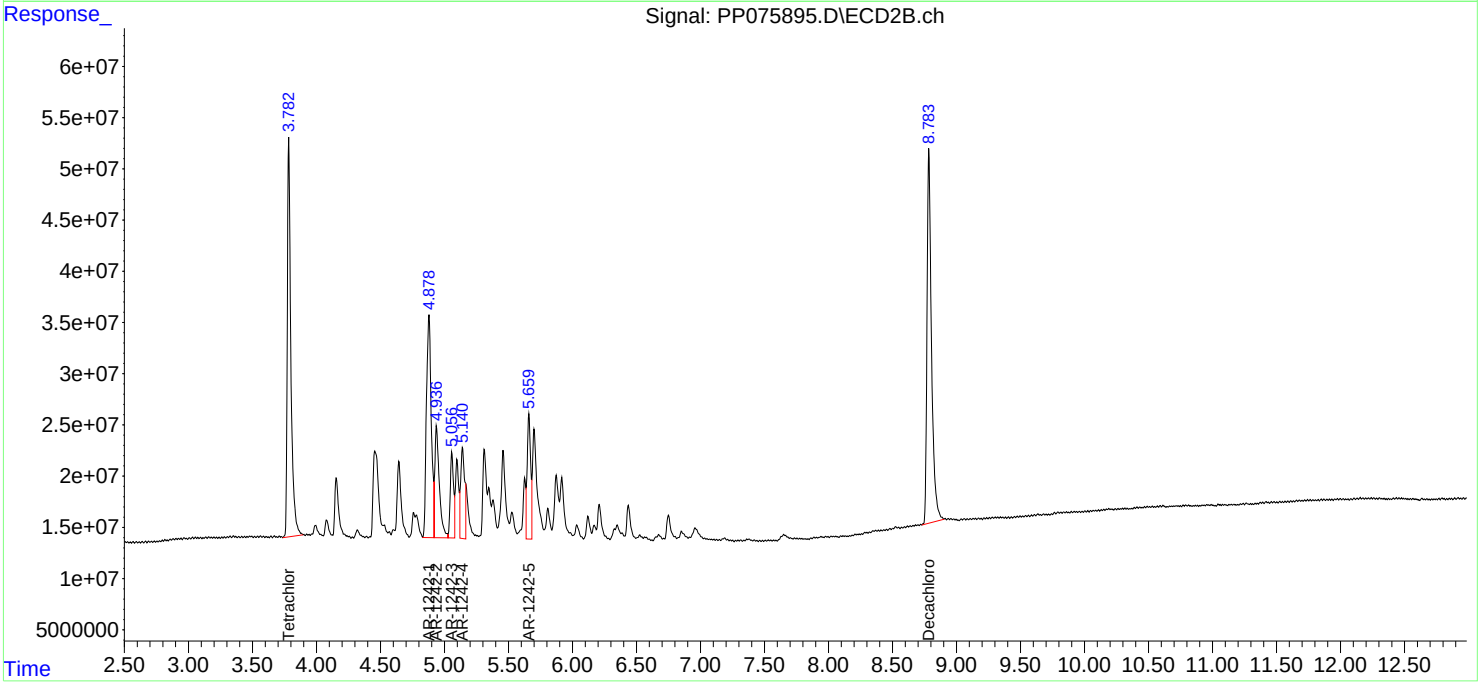
Manual Integrations APPROVED

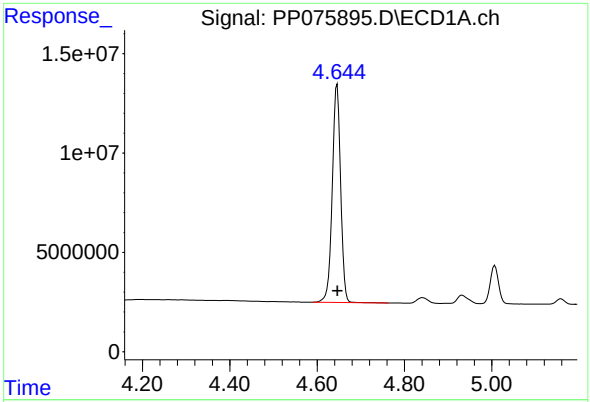
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:57:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







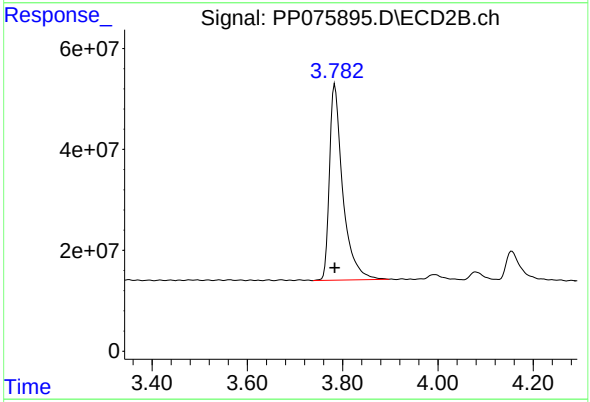
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 146660157
Conc: 97.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

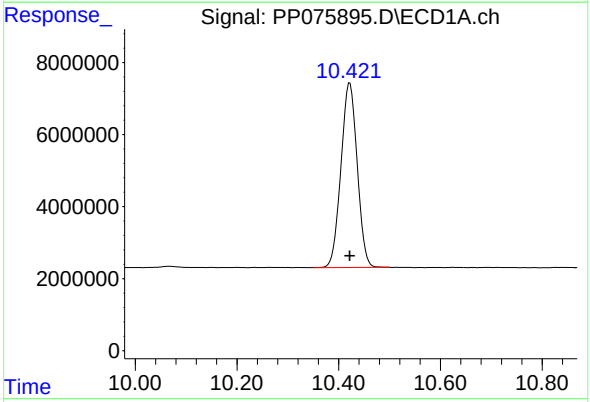
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



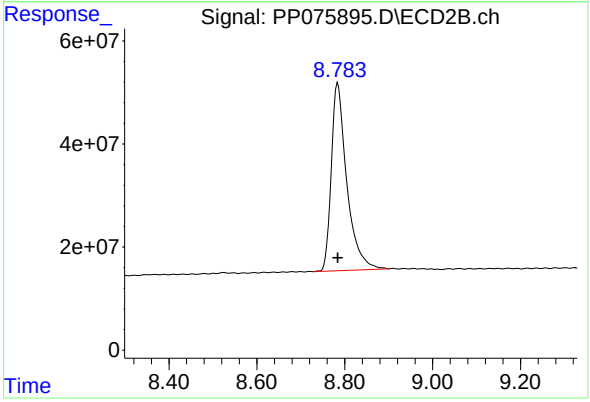
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 755613375
Conc: 101.27 ng/ml



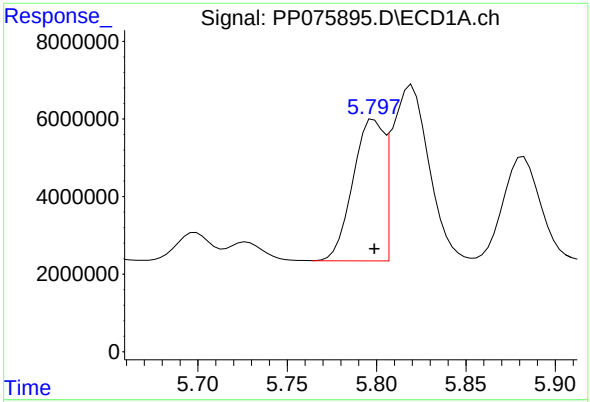
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 113628090
Conc: 95.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 890508065
Conc: 98.95 ng/ml



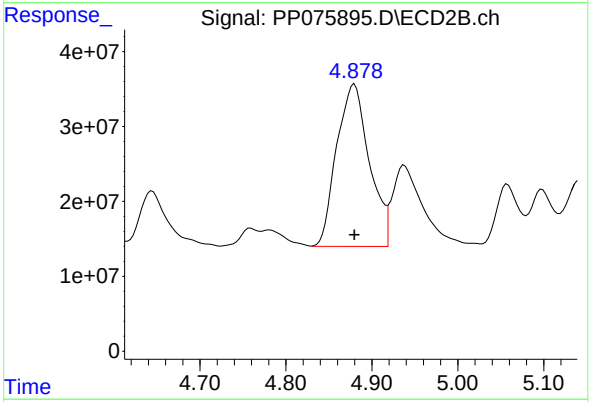
#16 AR-1242-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 44019933
Conc: 960.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

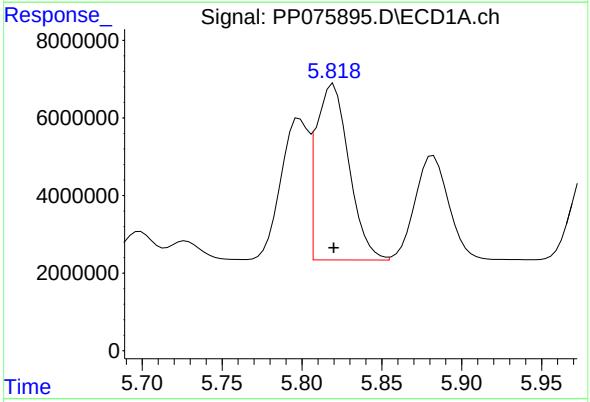
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



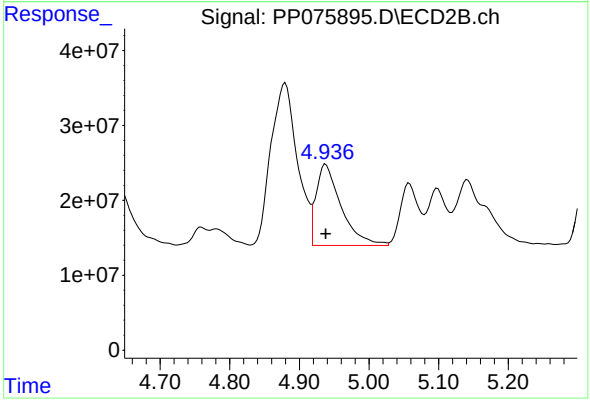
#16 AR-1242-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 571147464
Conc: 977.26 ng/ml



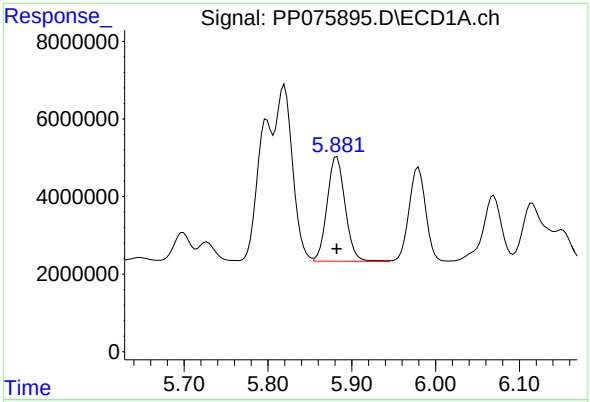
#17 AR-1242-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 64942800
Conc: 955.59 ng/ml



#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 271622570
Conc: 968.79 ng/ml



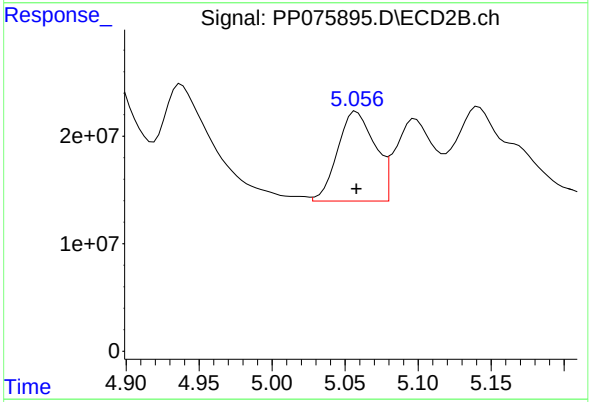
#18 AR-1242-3

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 40140584
Conc: 947.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

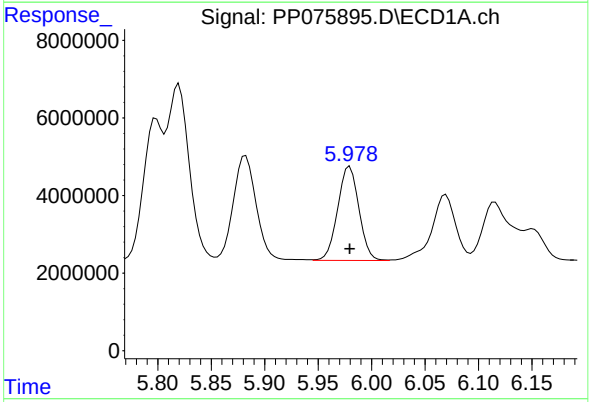
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



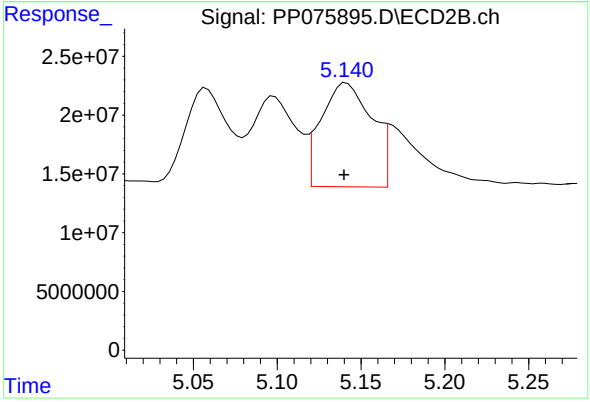
#18 AR-1242-3

R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 148417684
Conc: 955.72 ng/ml



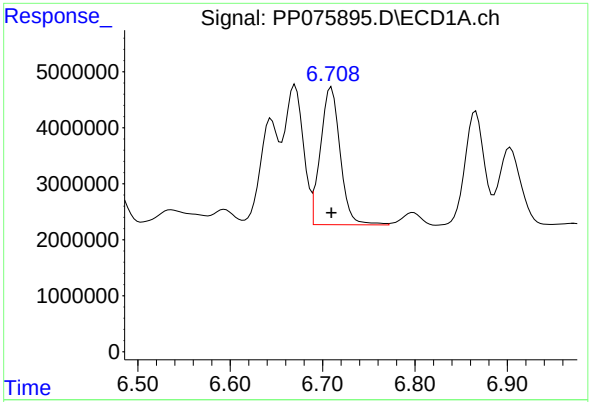
#19 AR-1242-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 33543618
Conc: 958.88 ng/ml



#19 AR-1242-4

R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 195275059
Conc: 946.97 ng/ml m



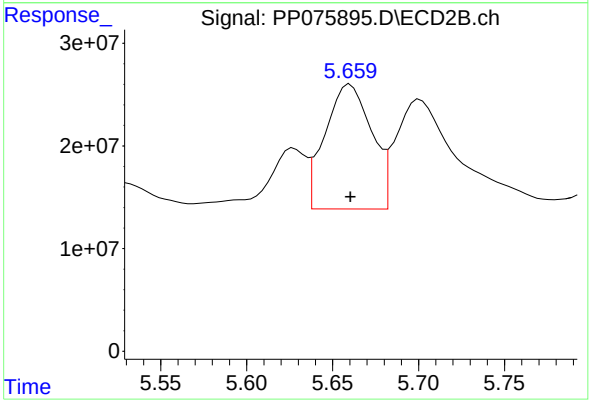
#20 AR-1242-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 36405140
Conc: 929.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 229588702
Conc: 969.16 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:16
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.644	3.782	113.4E6	556.3E6	75.213	74.705
2)	SA Decachlor...	10.420	8.782	90695948	674.5E6	76.069	74.966
	Target Compounds						
16)	L4 AR-1242-1	5.797	4.877	34736600	441.3E6	755.090	753.335
17)	L4 AR-1242-2	5.818	4.936	50786803	202.9E6	748.192	732.177
18)	L4 AR-1242-3	5.881	5.056	31533573	113.0E6	746.210	735.014
19)	L4 AR-1242-4	5.978	5.138	26371655	143.6E6	752.570	715.813m
20)	L4 AR-1242-5	6.708	5.658	28996717	177.7E6	743.785	750.134

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:16
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

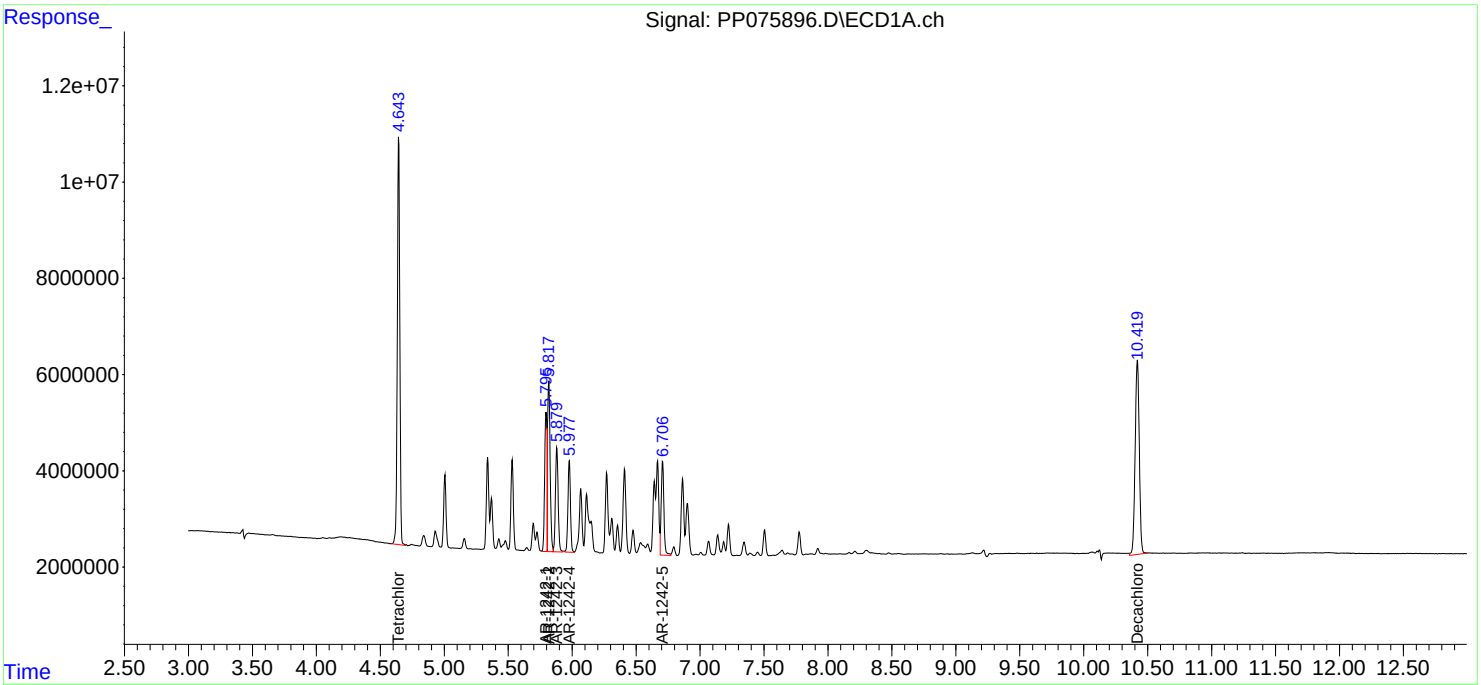
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

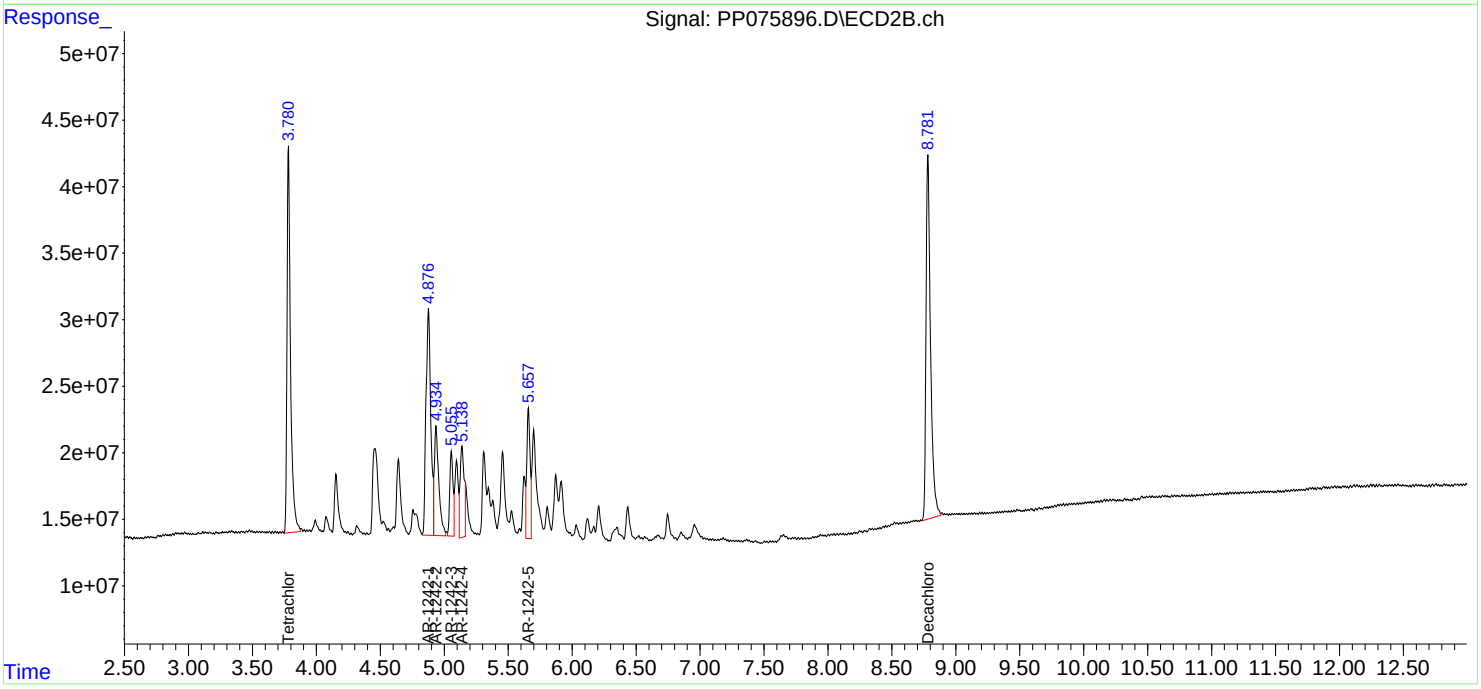
Manual Integrations APPROVED

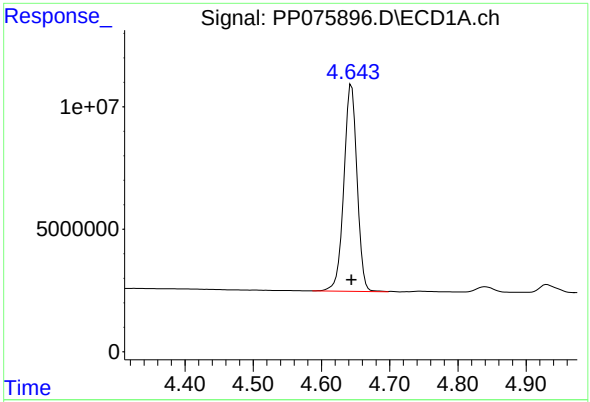
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







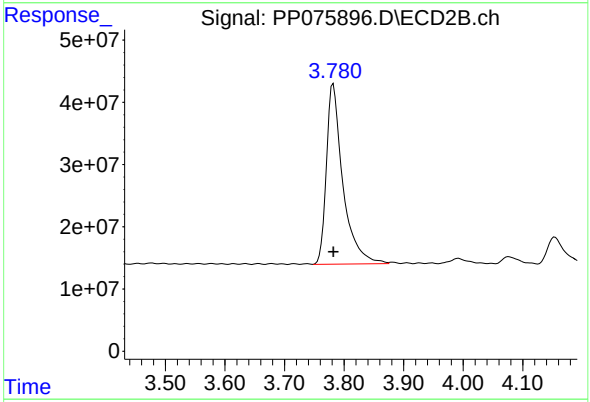
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 113448643
Conc: 75.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

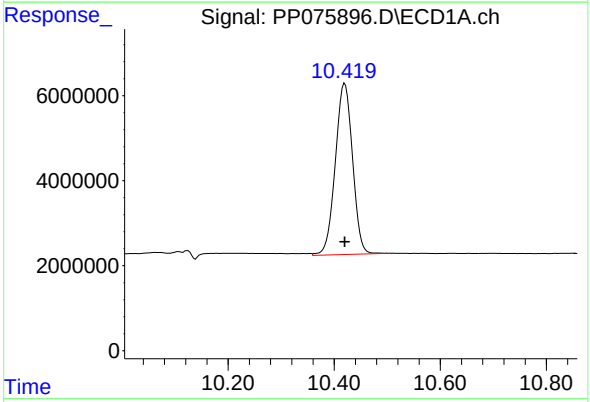
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



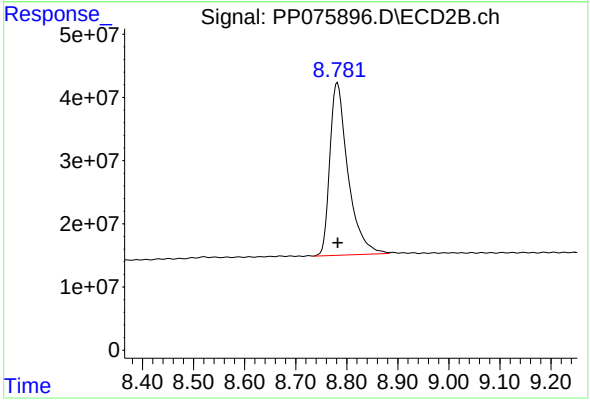
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 556289431
Conc: 74.70 ng/ml



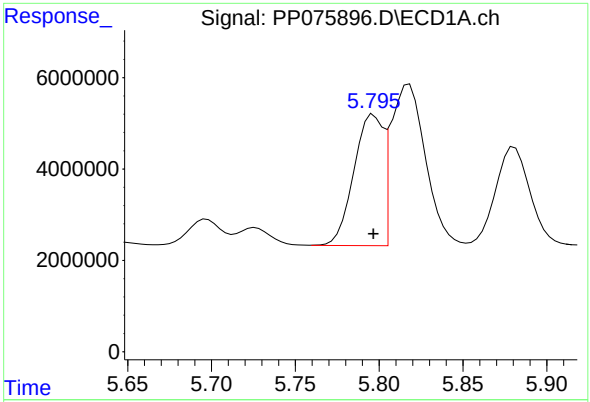
#2 Decachlorobiphenyl

R.T.: 10.420 min
Delta R.T.: 0.000 min
Response: 90695948
Conc: 76.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 674506043
Conc: 74.97 ng/ml



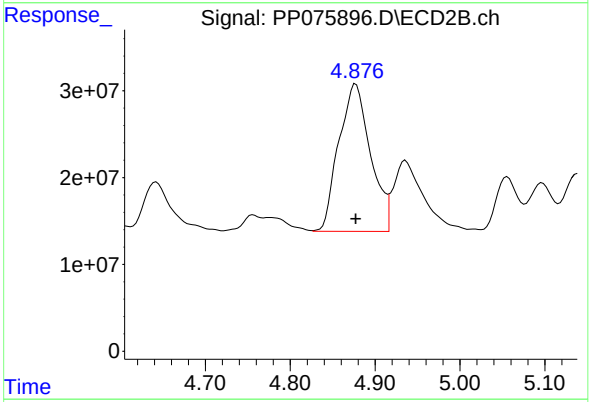
#16 AR-1242-1

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 34736600
Conc: 755.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

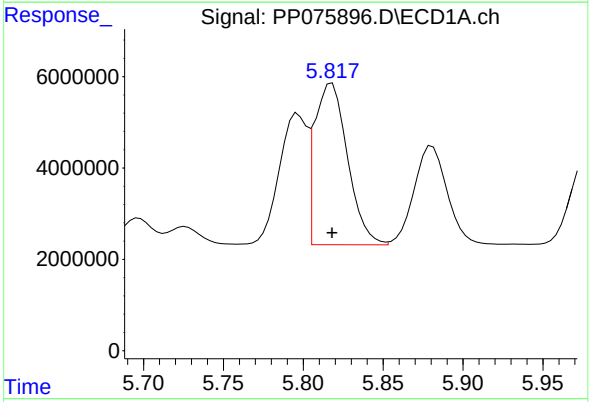
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



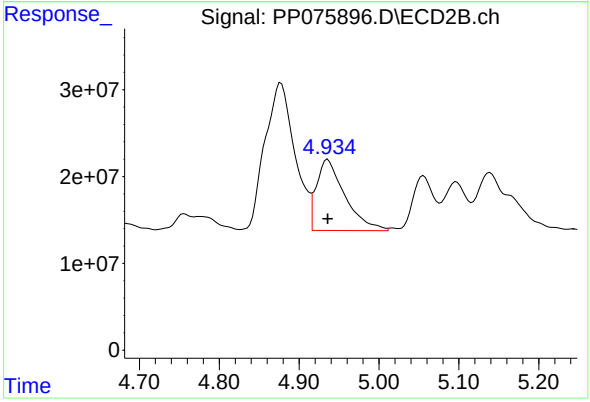
#16 AR-1242-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 441256485
Conc: 753.33 ng/ml



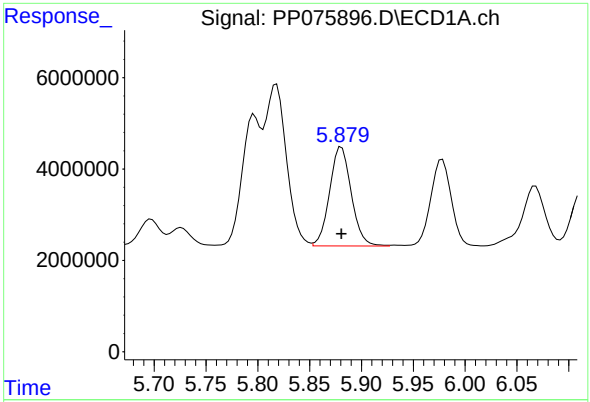
#17 AR-1242-2

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 50786803
Conc: 748.19 ng/ml



#17 AR-1242-2

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 202872100
Conc: 732.18 ng/ml



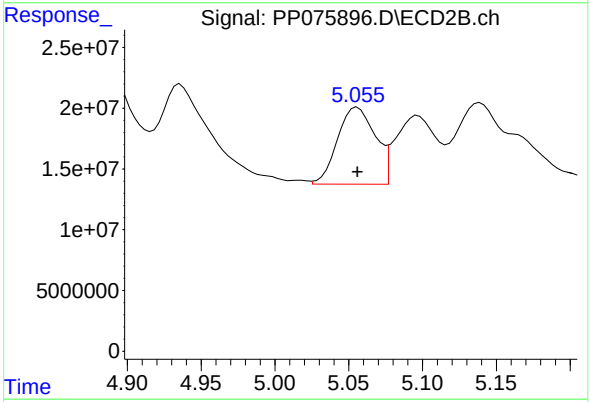
#18 AR-1242-3

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 31533573
Conc: 746.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

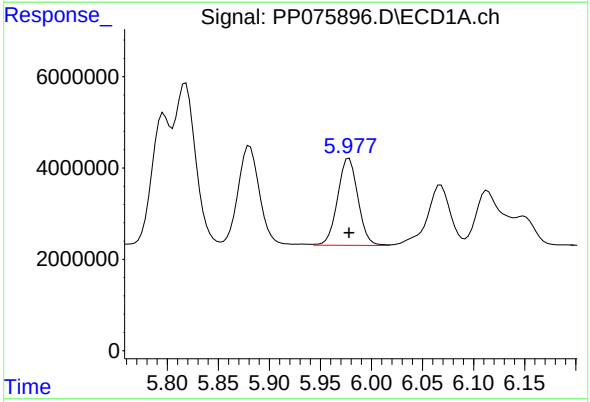
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



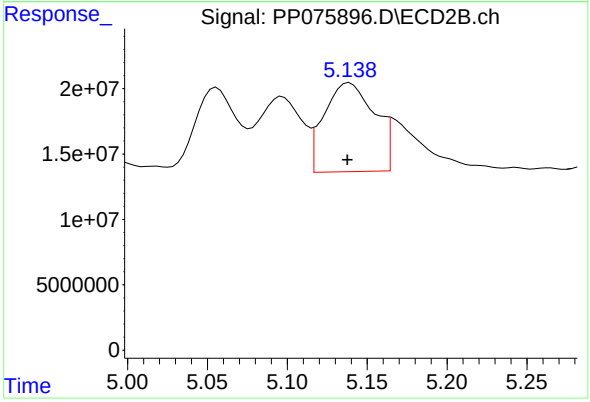
#18 AR-1242-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 113013930
Conc: 735.01 ng/ml



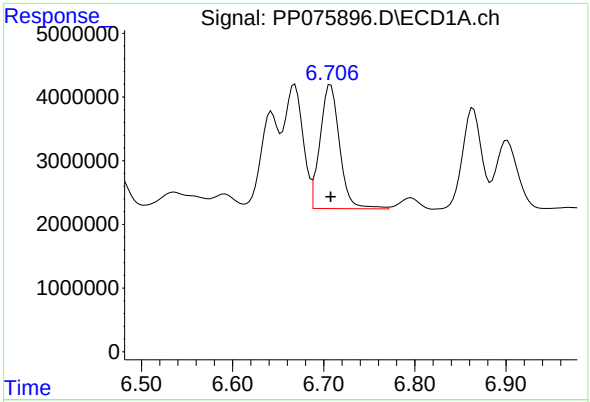
#19 AR-1242-4

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 26371655
Conc: 752.57 ng/ml



#19 AR-1242-4

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 143587580
Conc: 715.81 ng/ml m



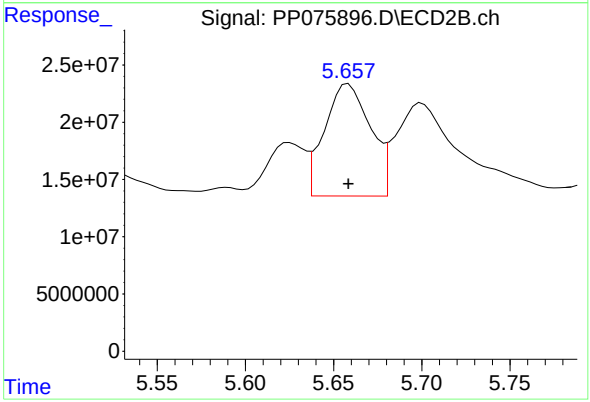
#20 AR-1242-5

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 28996717
Conc: 743.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#20 AR-1242-5

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 177719313
Conc: 750.13 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:48
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:54:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.647	3.784	77291283	368.3E6	50.000	50.000
2)	SA Decachlor...	10.422	8.785	61563948	454.7E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.799	4.880	23837208	298.9E6	498.805	500.000
17)	L4 AR-1242-2	5.821	4.938	35489778	144.6E6	500.000	500.000
18)	L4 AR-1242-3	5.884	5.059	22294823	81084867	500.000	500.000
19)	L4 AR-1242-4	5.981	5.141	18210300	105.4E6	500.000	515.181m
20)	L4 AR-1242-5	6.710	5.660	20944311	122.1E6	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:48
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

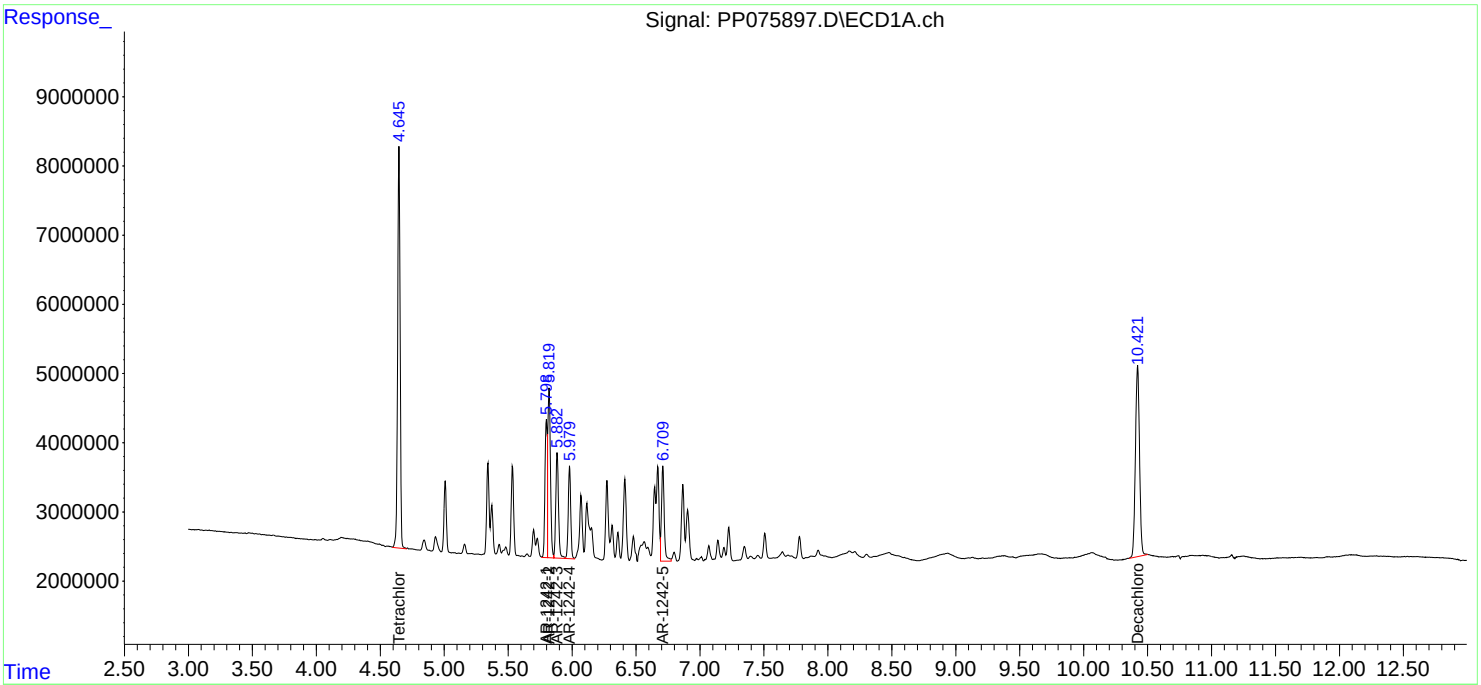
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

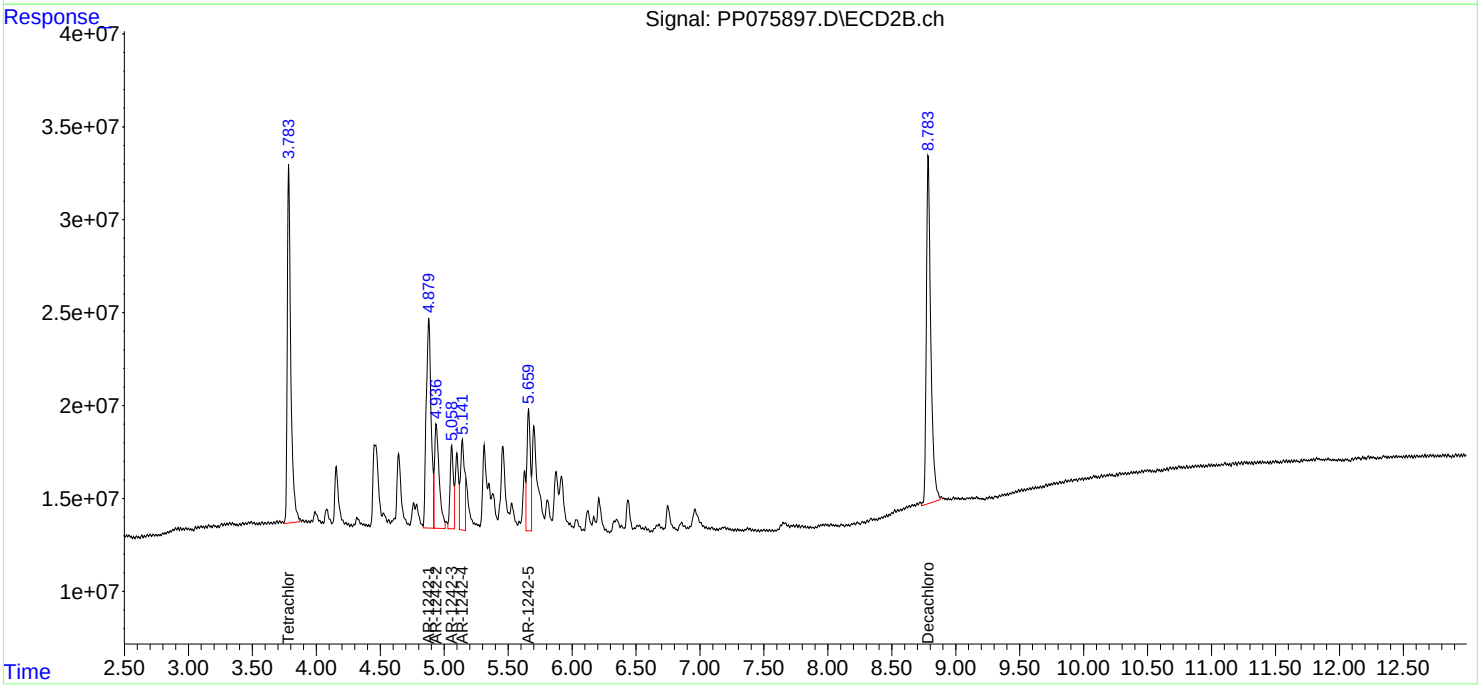
Manual Integrations APPROVED

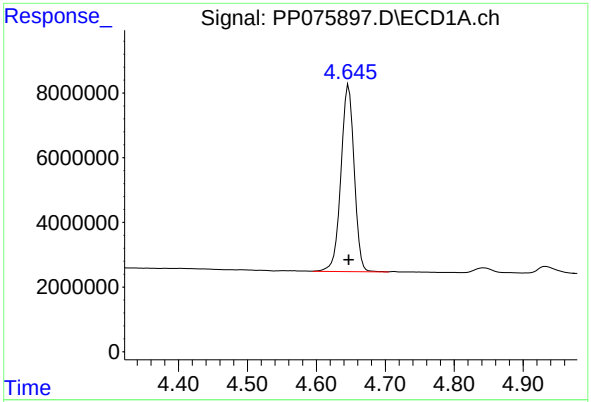
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:54:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







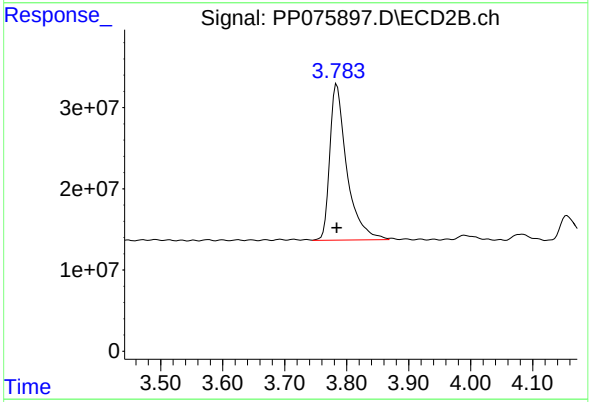
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 77291283
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

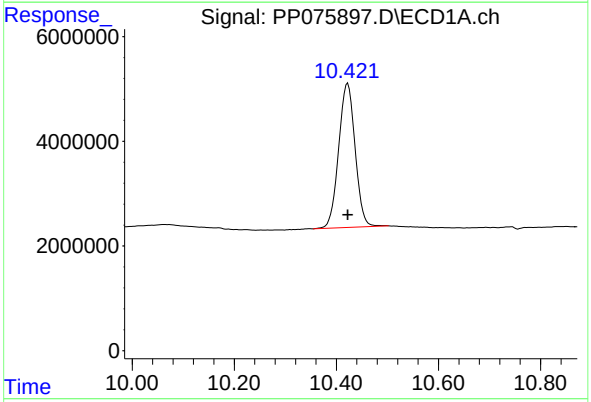
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



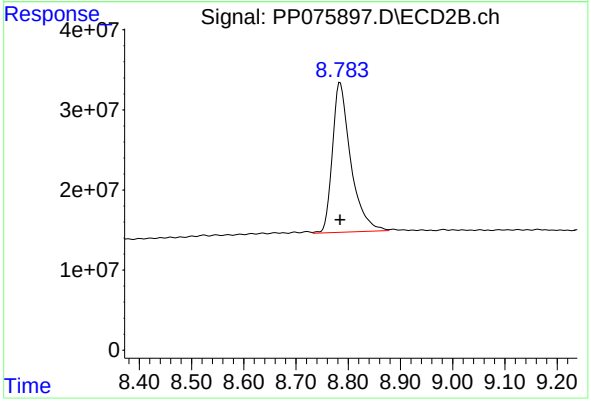
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 368310366
Conc: 50.00 ng/ml



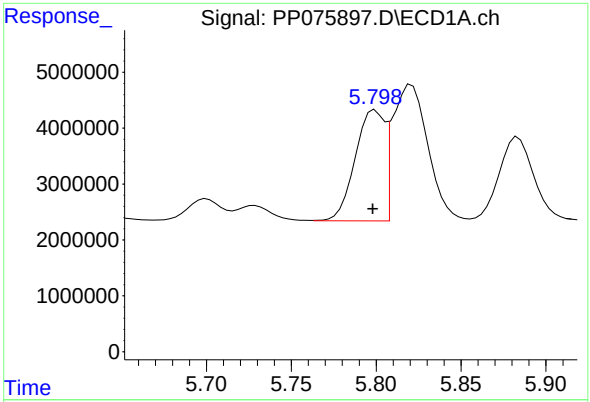
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 61563948
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 454707843
Conc: 50.00 ng/ml



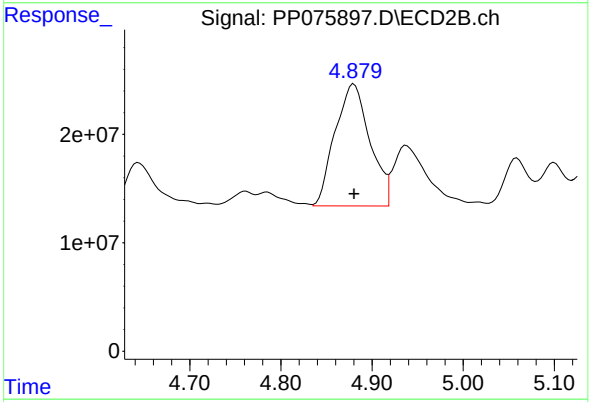
#16 AR-1242-1

R.T.: 5.799 min
Delta R.T.: 0.001 min
Response: 23837208
Conc: 498.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

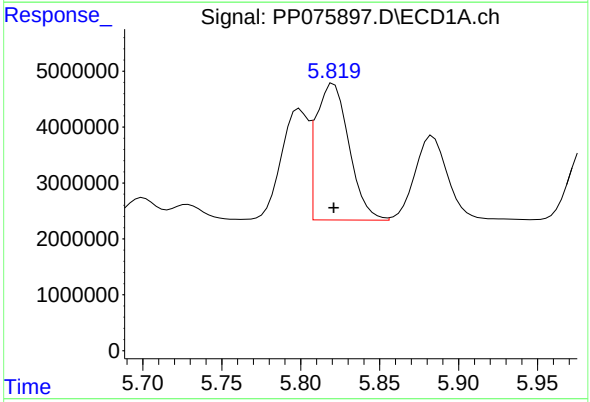
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



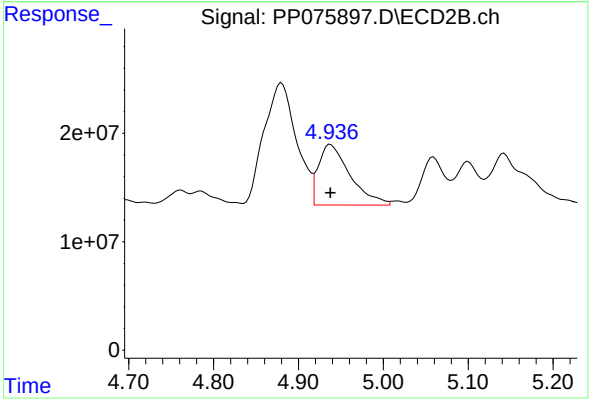
#16 AR-1242-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 298861859
Conc: 500.00 ng/ml



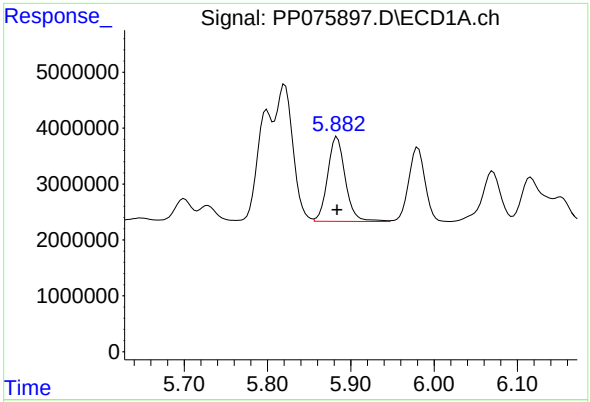
#17 AR-1242-2

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 35489778
Conc: 500.00 ng/ml



#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 144561928
Conc: 500.00 ng/ml



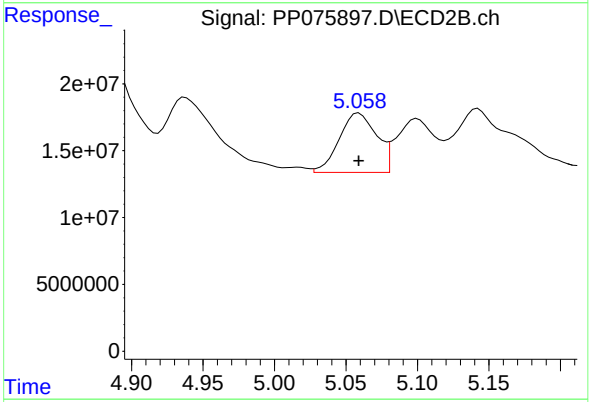
#18 AR-1242-3

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 22294823
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

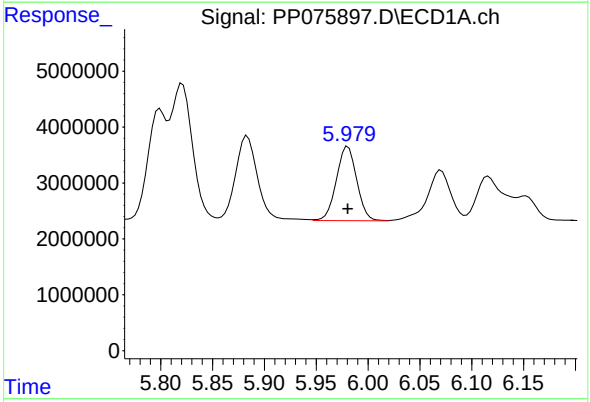
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



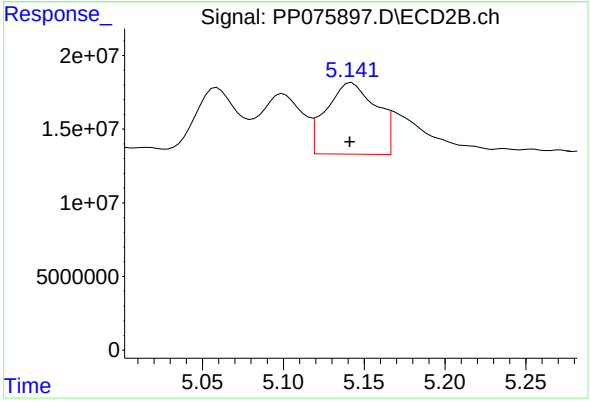
#18 AR-1242-3

R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 81084867
Conc: 500.00 ng/ml



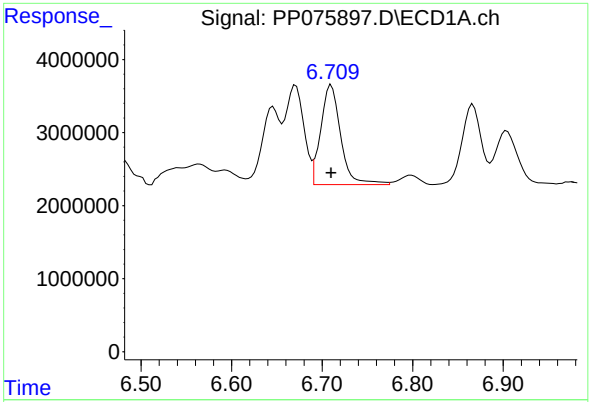
#19 AR-1242-4

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 18210300
Conc: 500.00 ng/ml



#19 AR-1242-4

R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 105412292
Conc: 515.18 ng/ml m



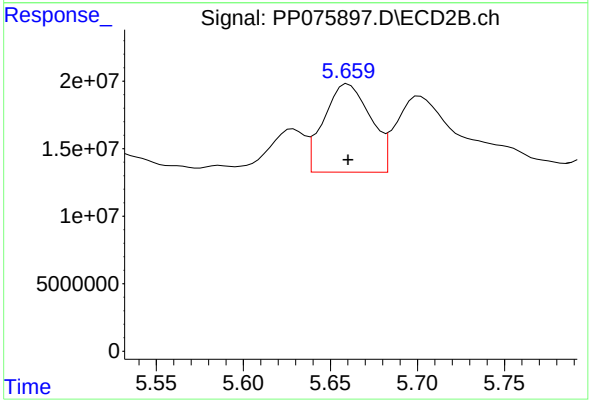
#20 AR-1242-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 20944311
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 122101376
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:04
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:06:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.645	3.783	39880193	180.0E6	26.064	24.377
2)	SA Decachlor...	10.420	8.782	32230064	227.8E6	26.494	25.240
	Target Compounds						
16)	L4 AR-1242-1	5.797	4.880	12563771	142.4E6	266.938	244.850
17)	L4 AR-1242-2	5.819	4.936	18441812	72837046	265.919	259.532
18)	L4 AR-1242-3	5.881	5.057	11783758	39428697	271.031	254.795
19)	L4 AR-1242-4	5.979	5.139	9241965	47817696	260.164	239.194m
20)	L4 AR-1242-5	6.707	5.659	9824013	58740602	248.605m	248.450

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:04
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

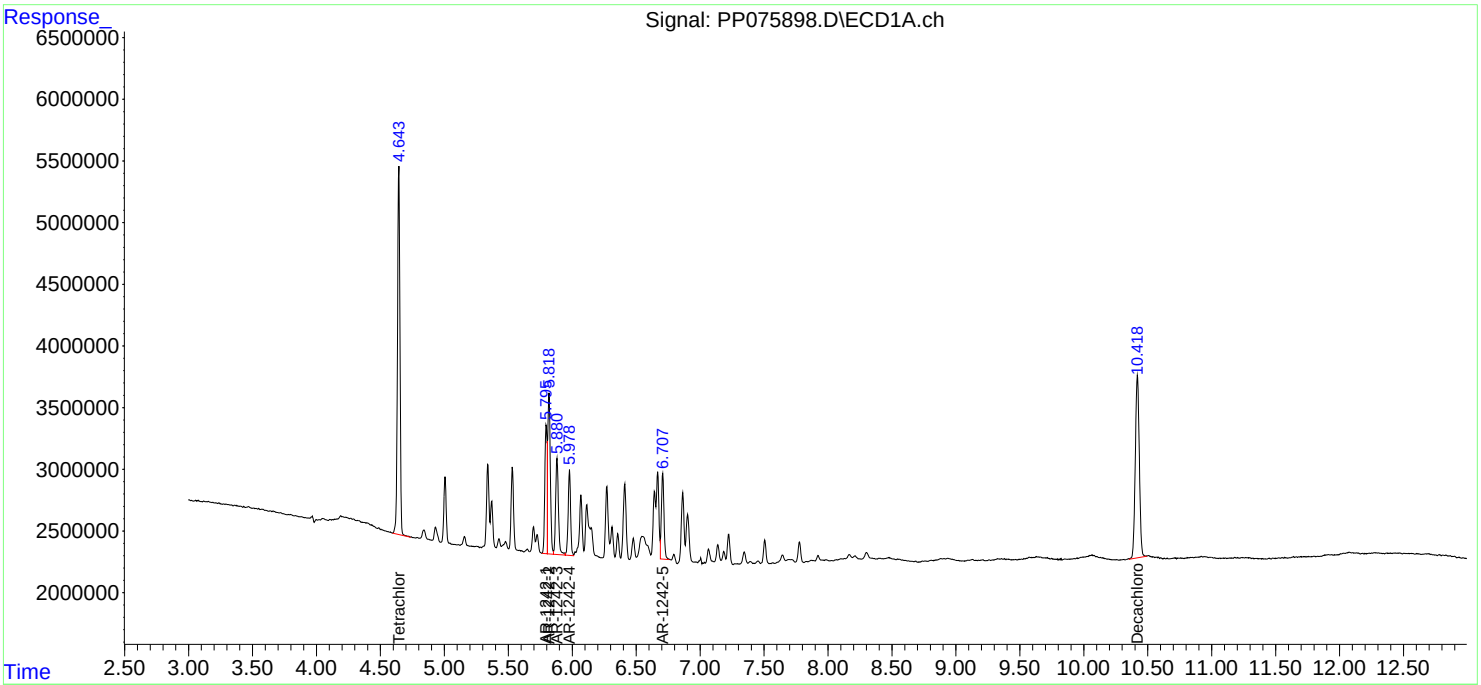
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

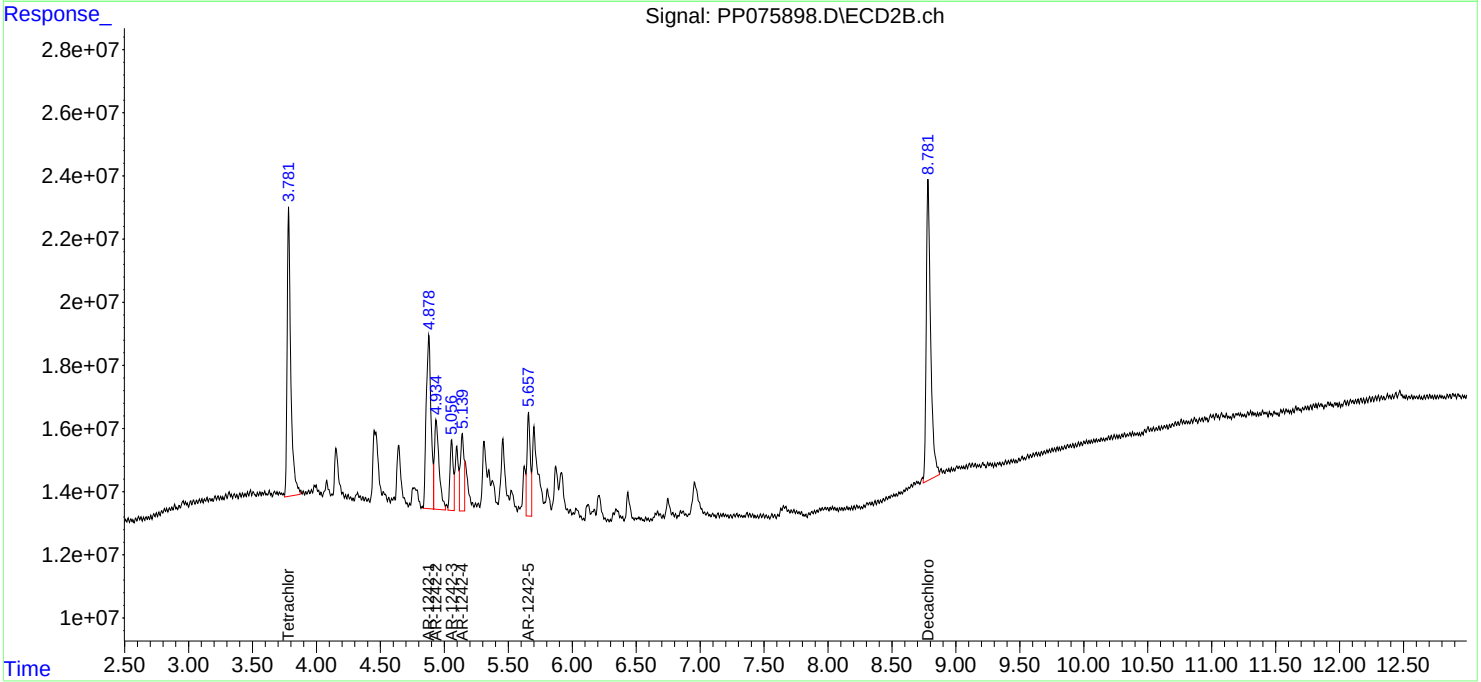
Manual Integrations APPROVED

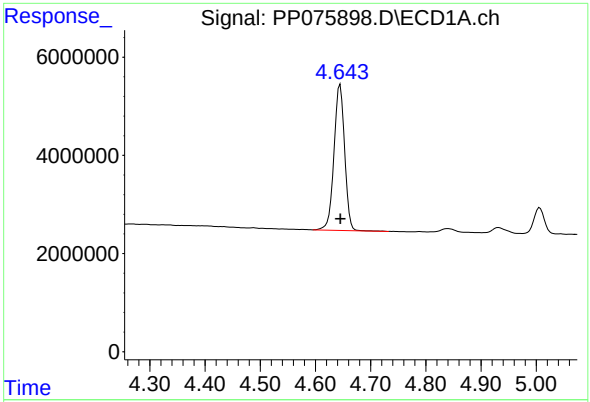
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:06:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







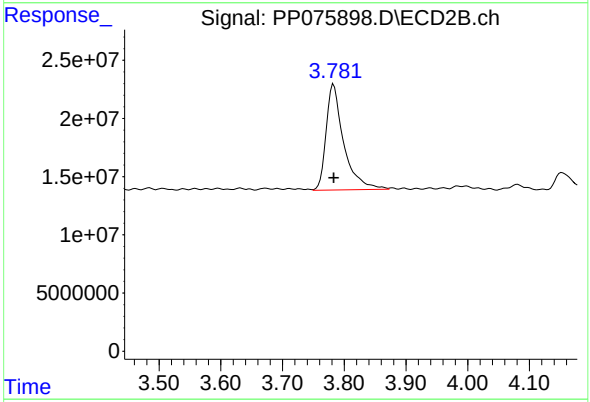
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 39880193
Conc: 26.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

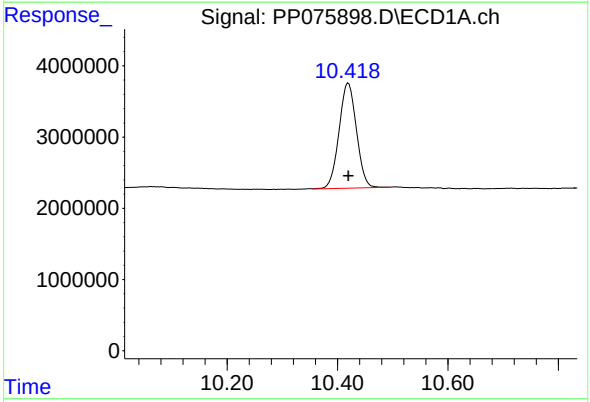
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



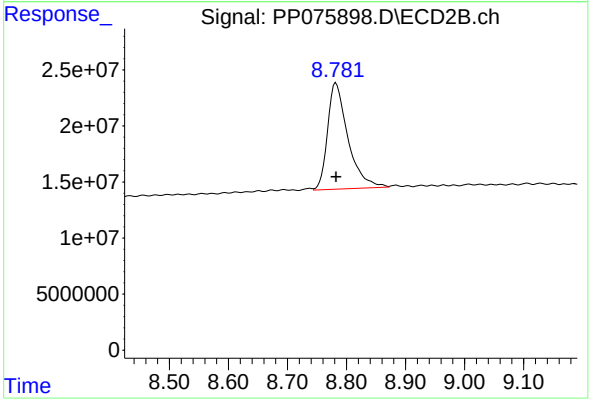
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 180029251
Conc: 24.38 ng/ml



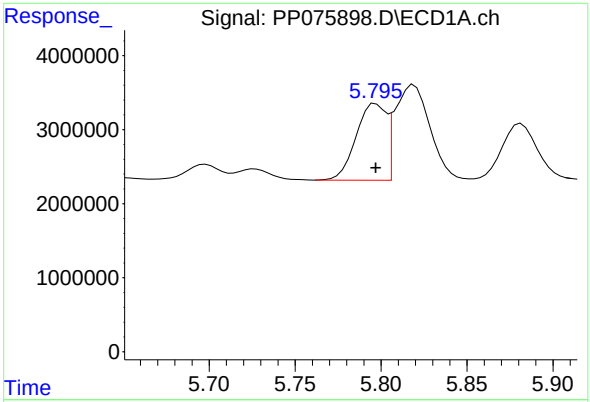
#2 Decachlorobiphenyl

R.T.: 10.420 min
Delta R.T.: 0.000 min
Response: 32230064
Conc: 26.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 227832960
Conc: 25.24 ng/ml



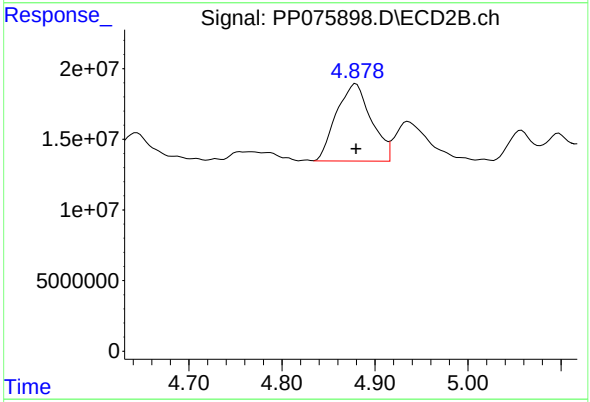
#16 AR-1242-1

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 12563771
Conc: 266.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

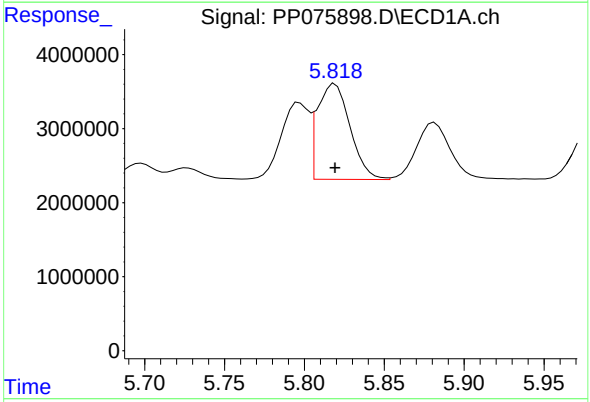
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



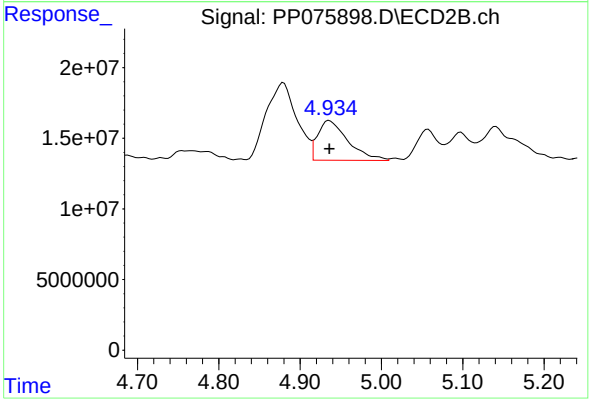
#16 AR-1242-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 142440097
Conc: 244.85 ng/ml



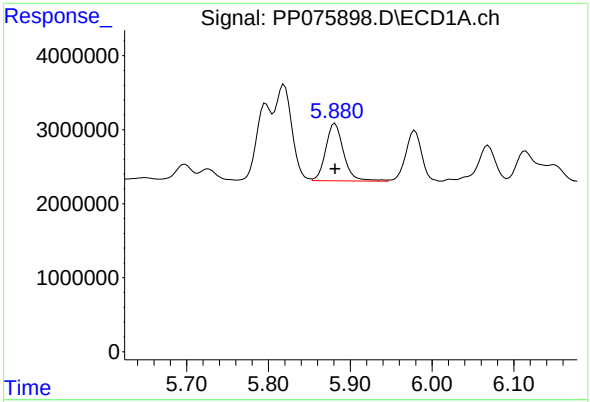
#17 AR-1242-2

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 18441812
Conc: 265.92 ng/ml



#17 AR-1242-2

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 72837046
Conc: 259.53 ng/ml



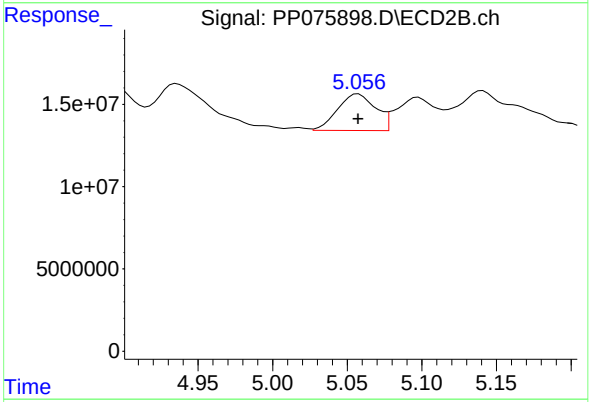
#18 AR-1242-3

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 11783758
Conc: 271.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

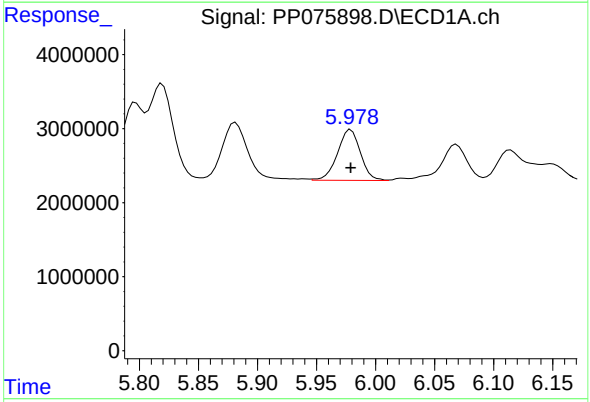
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



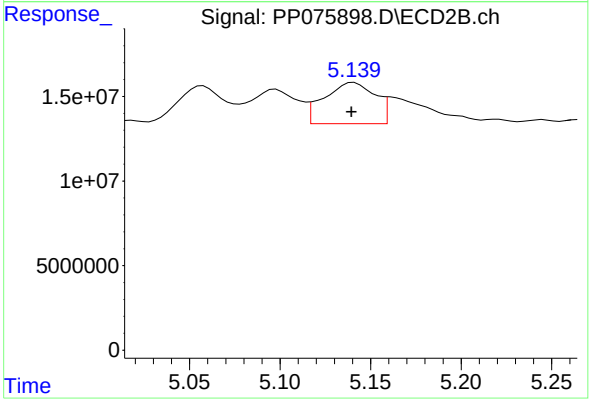
#18 AR-1242-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 39428697
Conc: 254.79 ng/ml



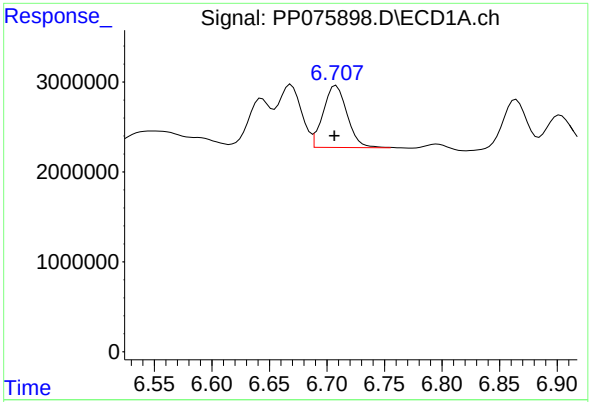
#19 AR-1242-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 9241965
Conc: 260.16 ng/ml



#19 AR-1242-4

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 47817696
Conc: 239.19 ng/ml m



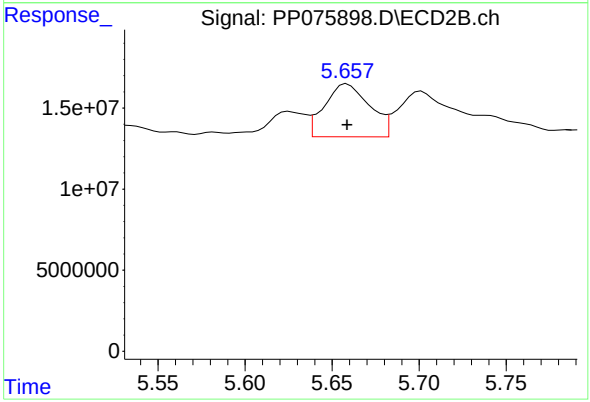
#20 AR-1242-5

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 9824013
Conc: 248.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#20 AR-1242-5

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 58740602
Conc: 248.45 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:21
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:10:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.783	7865219	30617105	5.112	4.301m
2)	SA Decachlor...	10.422	8.783	6789035	46546691	5.454	5.125
	Target Compounds						
16)	L4 AR-1242-1	5.798	4.882	2563442	27339514	53.509	47.567
17)	L4 AR-1242-2	5.820	4.939	3827668	13248287	54.069	47.740
18)	L4 AR-1242-3	5.883	5.054	2714945	8403556	59.484	53.386
19)	L4 AR-1242-4	5.979	5.138	1985121	6837014	54.597	36.934 #
20)	L4 AR-1242-5	6.708	5.660	2423381	10273735	59.725m	44.622 #

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:21
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

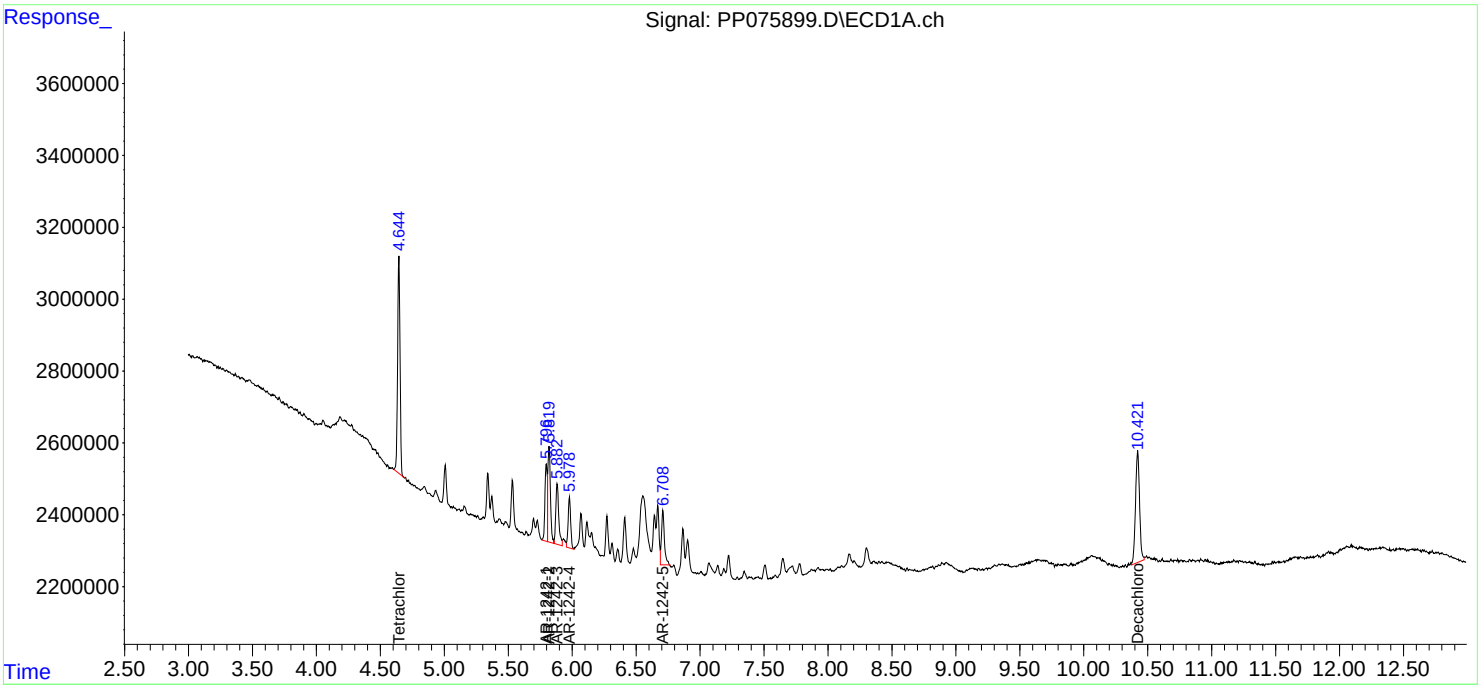
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

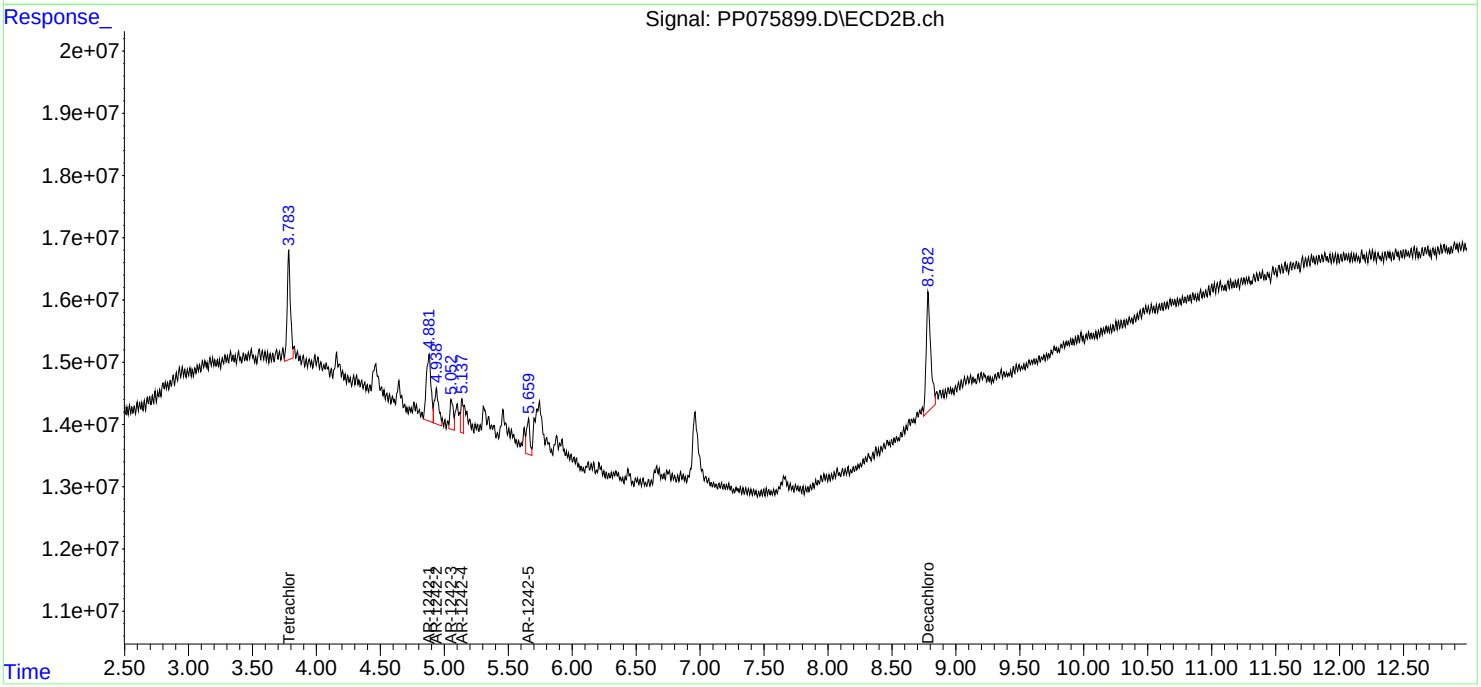
Manual Integrations APPROVED

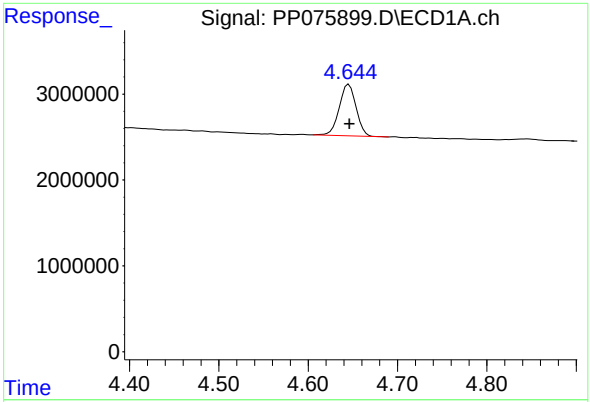
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:10:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







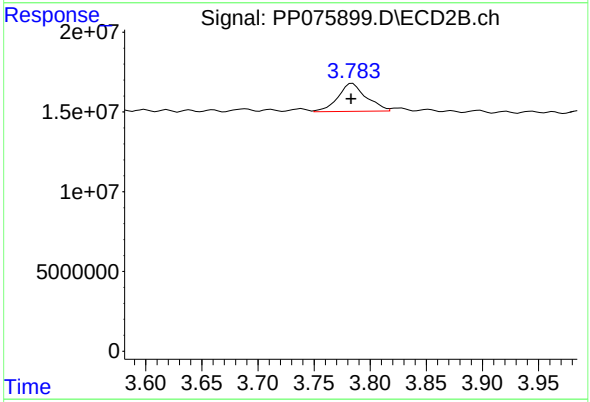
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 7865219
Conc: 5.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

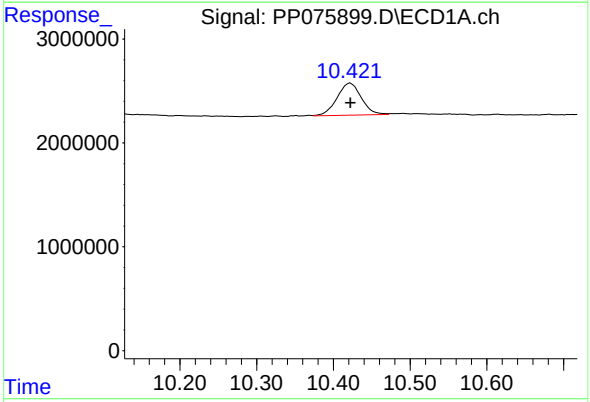
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



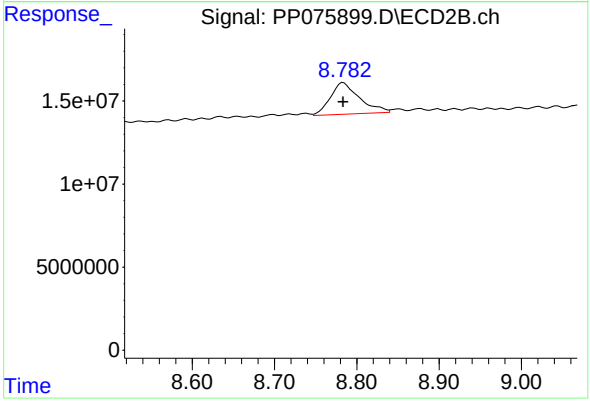
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 30617105
Conc: 4.30 ng/ml m



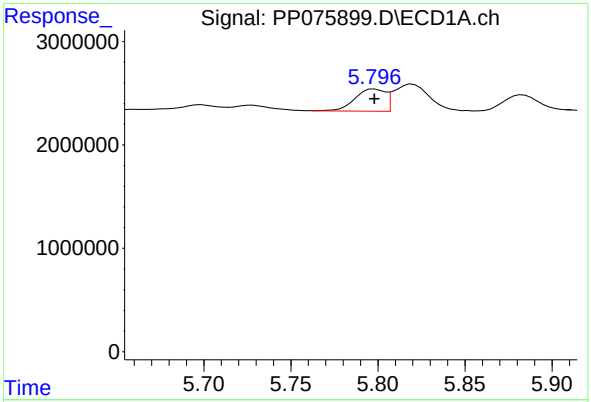
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 6789035
Conc: 5.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 46546691
Conc: 5.12 ng/ml



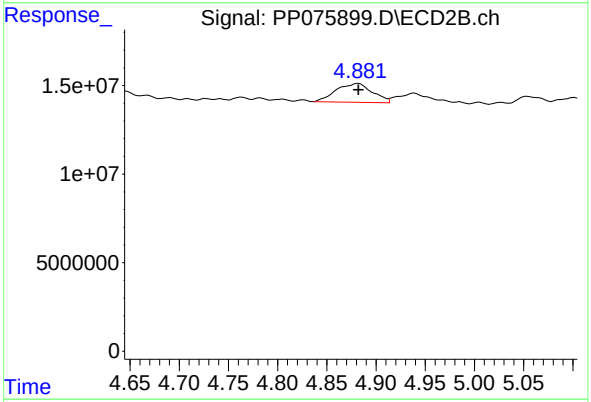
#16 AR-1242-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 2563442
Conc: 53.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

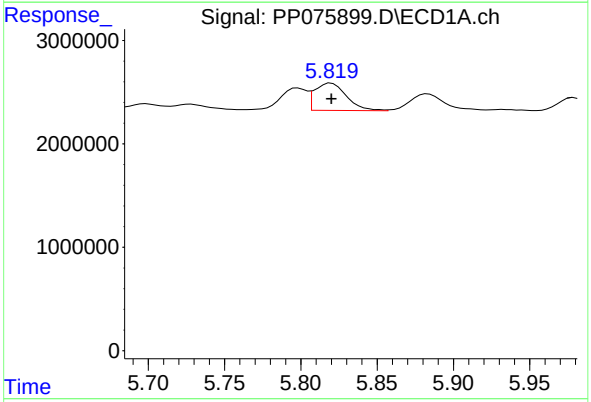
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



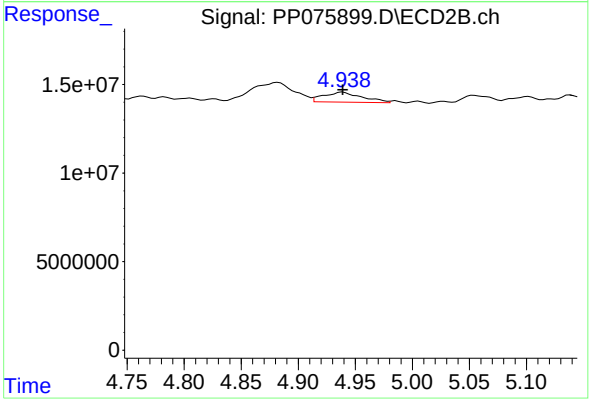
#16 AR-1242-1

R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 27339514
Conc: 47.57 ng/ml



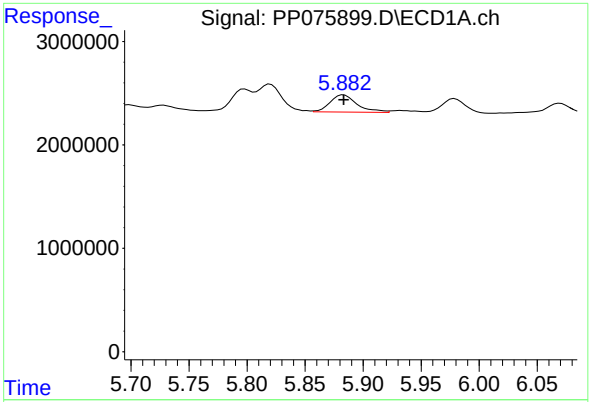
#17 AR-1242-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 3827668
Conc: 54.07 ng/ml



#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 13248287
Conc: 47.74 ng/ml



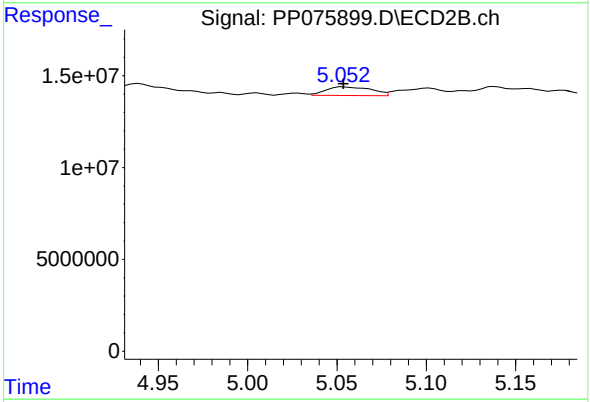
#18 AR-1242-3

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 2714945
Conc: 59.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

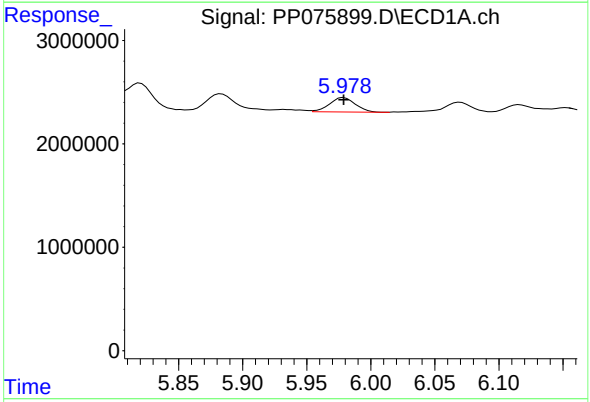
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



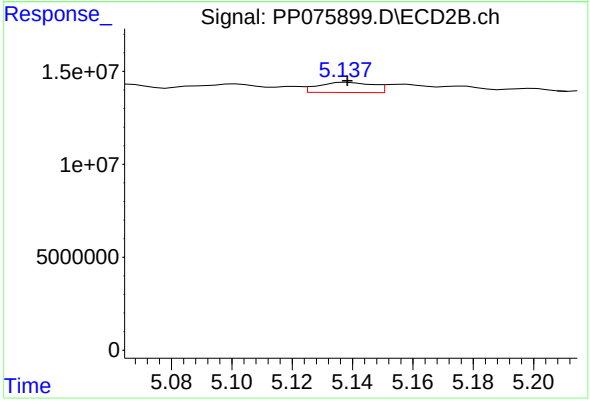
#18 AR-1242-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 8403556
Conc: 53.39 ng/ml



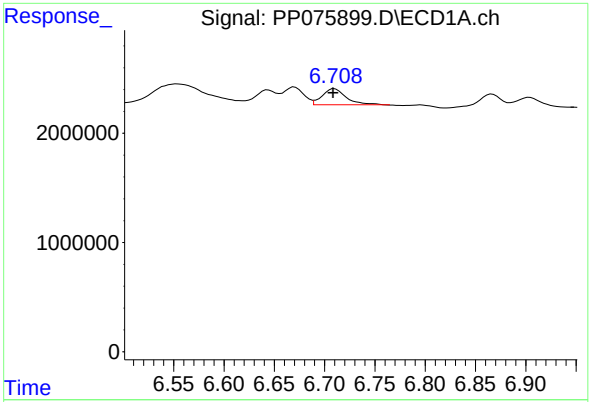
#19 AR-1242-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 1985121
Conc: 54.60 ng/ml



#19 AR-1242-4

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 6837014
Conc: 36.93 ng/ml



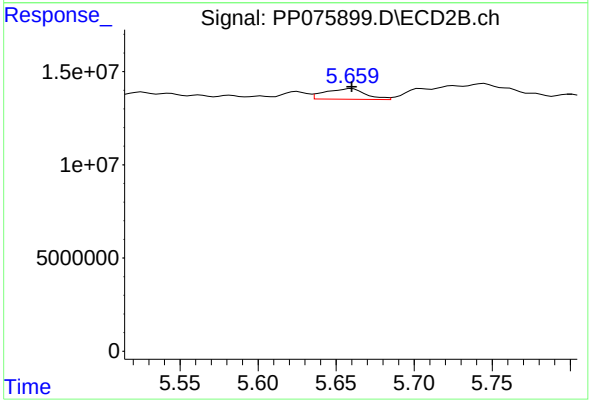
#20 AR-1242-5

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 2423381
Conc: 59.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 10273735
Conc: 44.62 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:41
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.647	3.780	146.9E6	734.4E6	97.039	99.403
2)	SA Decachlor...	10.426	8.783	114.1E6	899.5E6	95.681	98.496
	Target Compounds						
21)	L5 AR-1248-1	5.799	4.876	33471805	362.9E6	950.427	965.133
22)	L5 AR-1248-2	6.071	5.095	44816839	226.9E6	951.326	964.032
23)	L5 AR-1248-3	6.274	5.136	49477903	258.9E6	894.849	947.454m
24)	L5 AR-1248-4	6.672	5.309	60435029	264.9E6	944.739	969.626
25)	L5 AR-1248-5	6.711	5.698	58134534	532.0E6	941.586	994.127

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:41
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

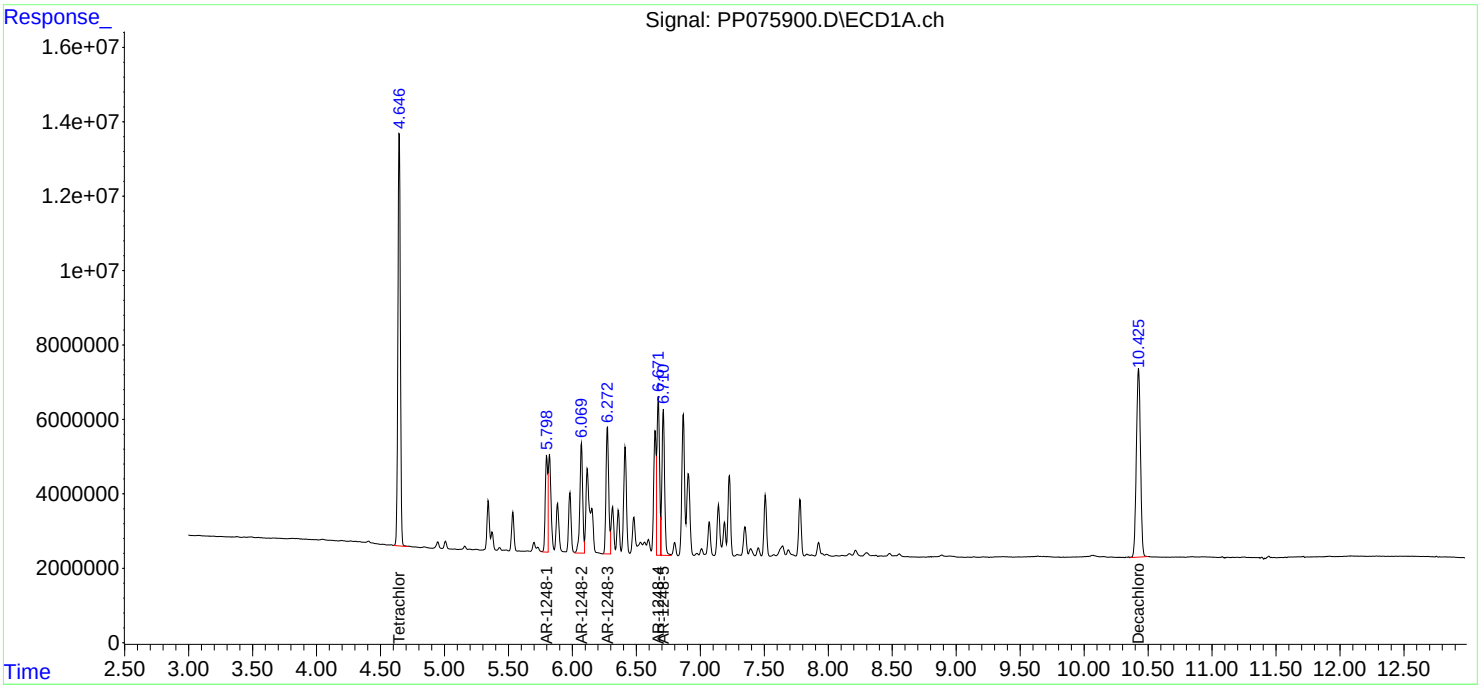
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

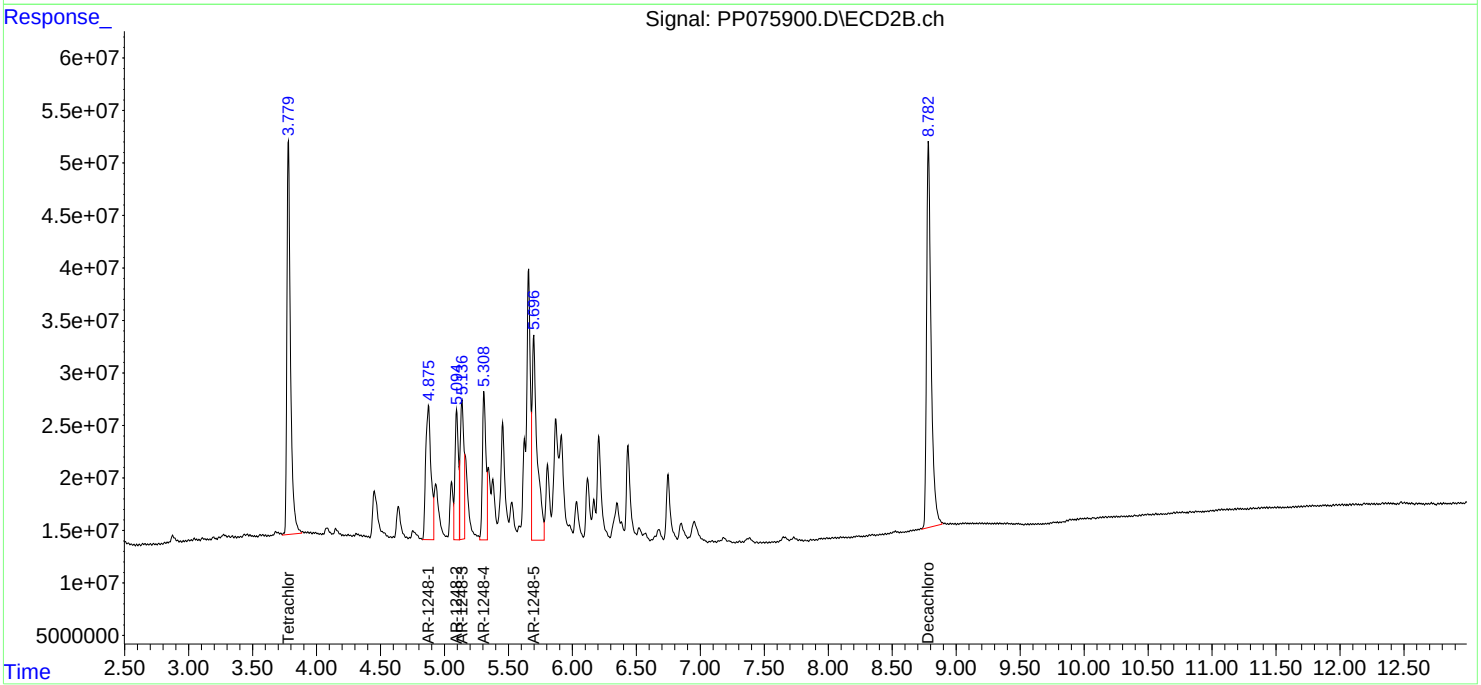
Manual Integrations APPROVED

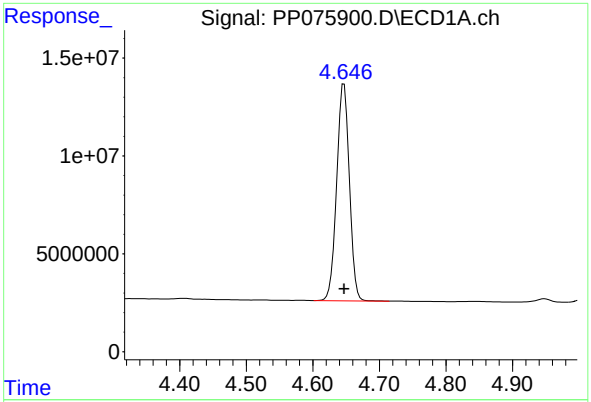
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







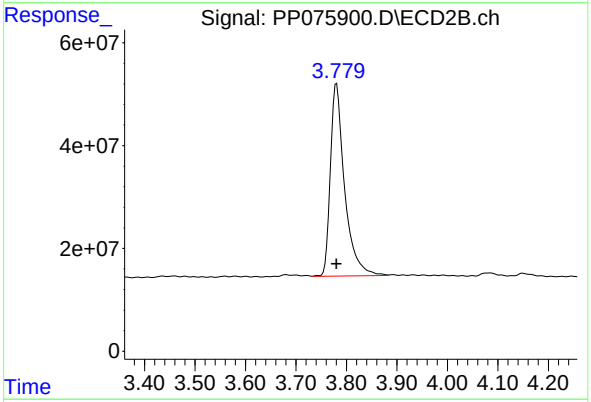
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 146870104
Conc: 97.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

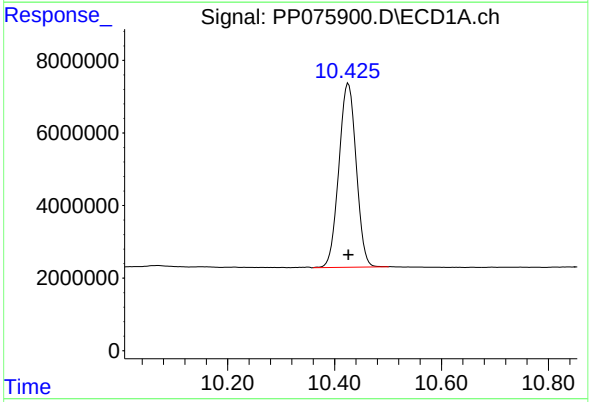
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



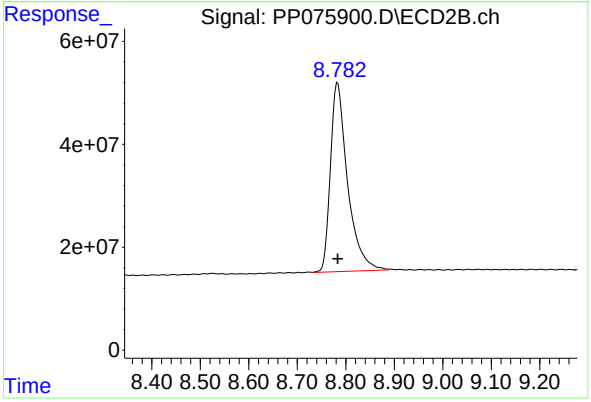
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 734392673
Conc: 99.40 ng/ml



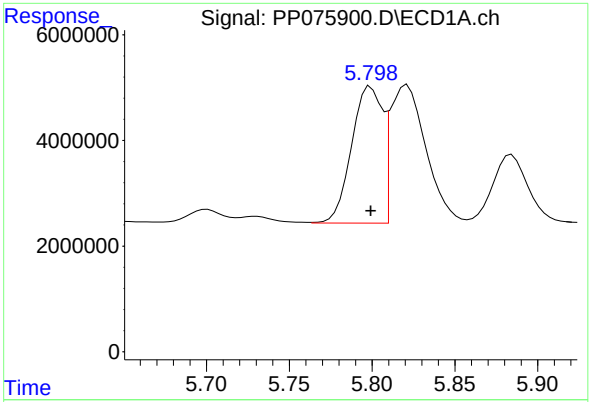
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: 0.000 min
Response: 114063753
Conc: 95.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 899520487
Conc: 98.50 ng/ml



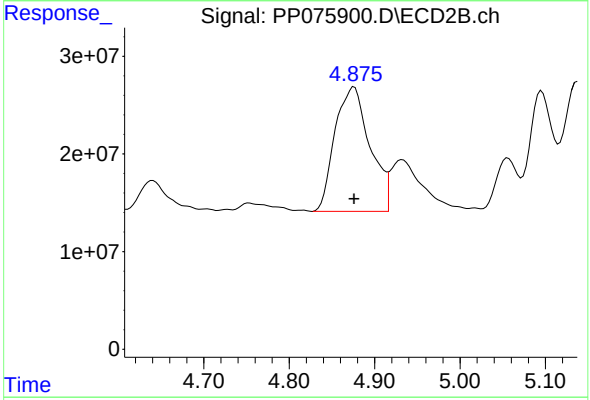
#21 AR-1248-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 33471805
Conc: 950.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

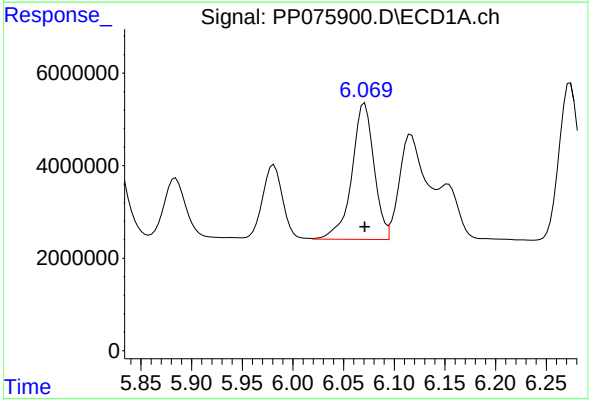
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



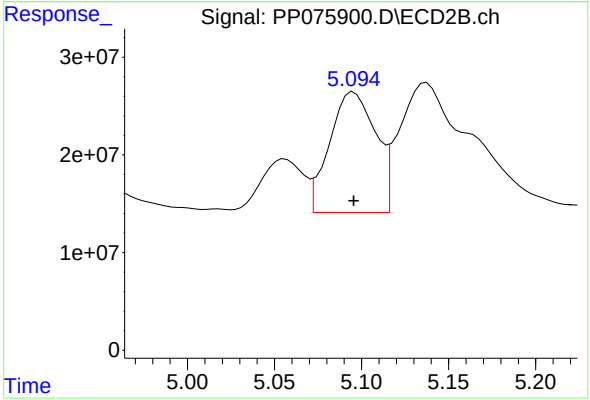
#21 AR-1248-1

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 362937087
Conc: 965.13 ng/ml



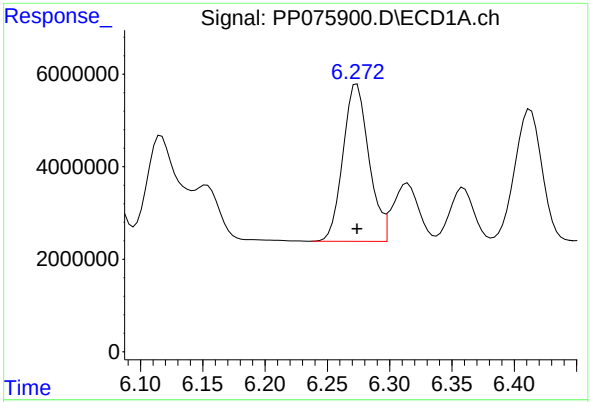
#22 AR-1248-2

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 44816839
Conc: 951.33 ng/ml



#22 AR-1248-2

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 226906631
Conc: 964.03 ng/ml



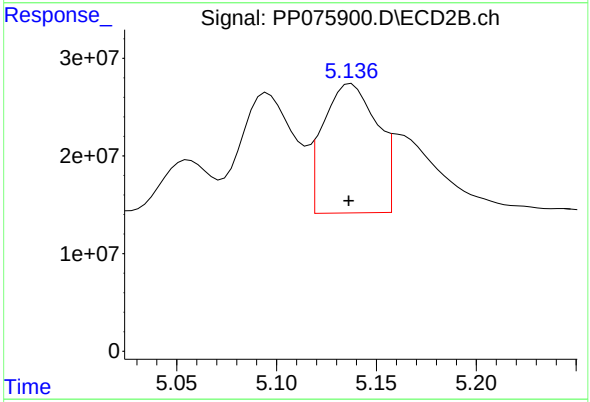
#23 AR-1248-3

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 49477903
Conc: 894.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

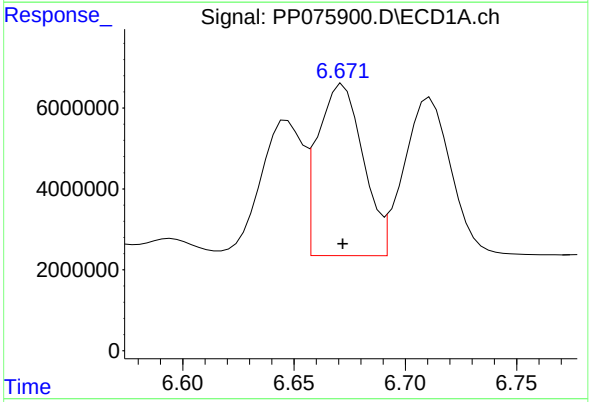
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



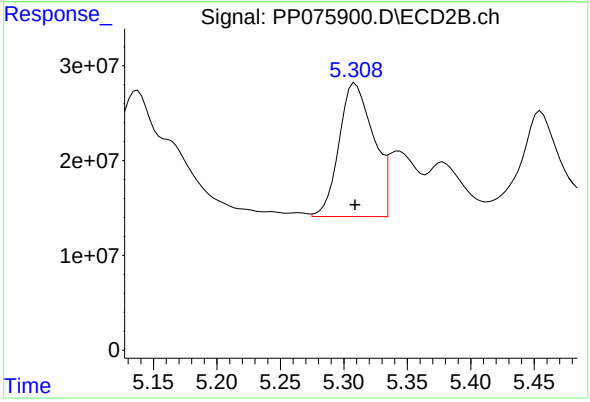
#23 AR-1248-3

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 258884180
Conc: 947.45 ng/ml m



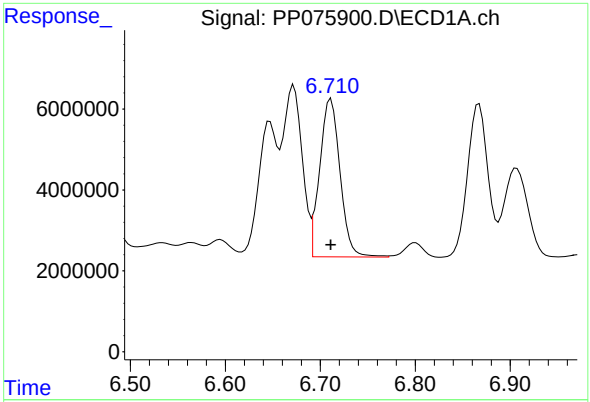
#24 AR-1248-4

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 60435029
Conc: 944.74 ng/ml



#24 AR-1248-4

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 264944699
Conc: 969.63 ng/ml



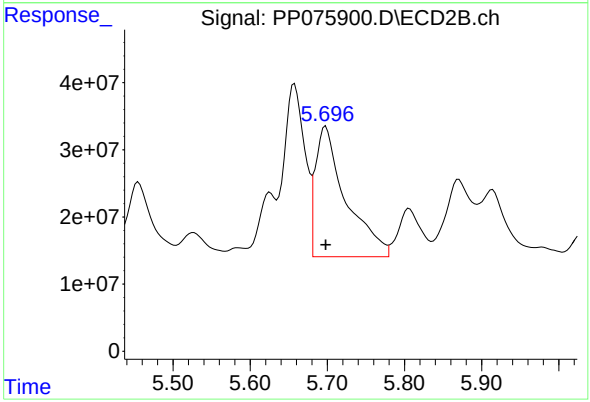
#25 AR-1248-5

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 58134534
Conc: 941.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 531974990
Conc: 994.13 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:57
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:20:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.644	3.784	114.7E6	562.2E6	75.534	75.729
2)	SA Decachlor...	10.422	8.784	89301082	688.2E6	74.939	75.236
	Target Compounds						
21)	L5 AR-1248-1	5.797	4.879	26839141	281.7E6	758.019	749.338
22)	L5 AR-1248-2	6.068	5.099	35688032	181.4E6	755.016	763.662
23)	L5 AR-1248-3	6.271	5.139	39334925	200.6E6	723.821	728.506m
24)	L5 AR-1248-4	6.670	5.311	48125398	216.4E6	751.539	777.551
25)	L5 AR-1248-5	6.709	5.701	46284863	398.2E6	749.774	746.121

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:57
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

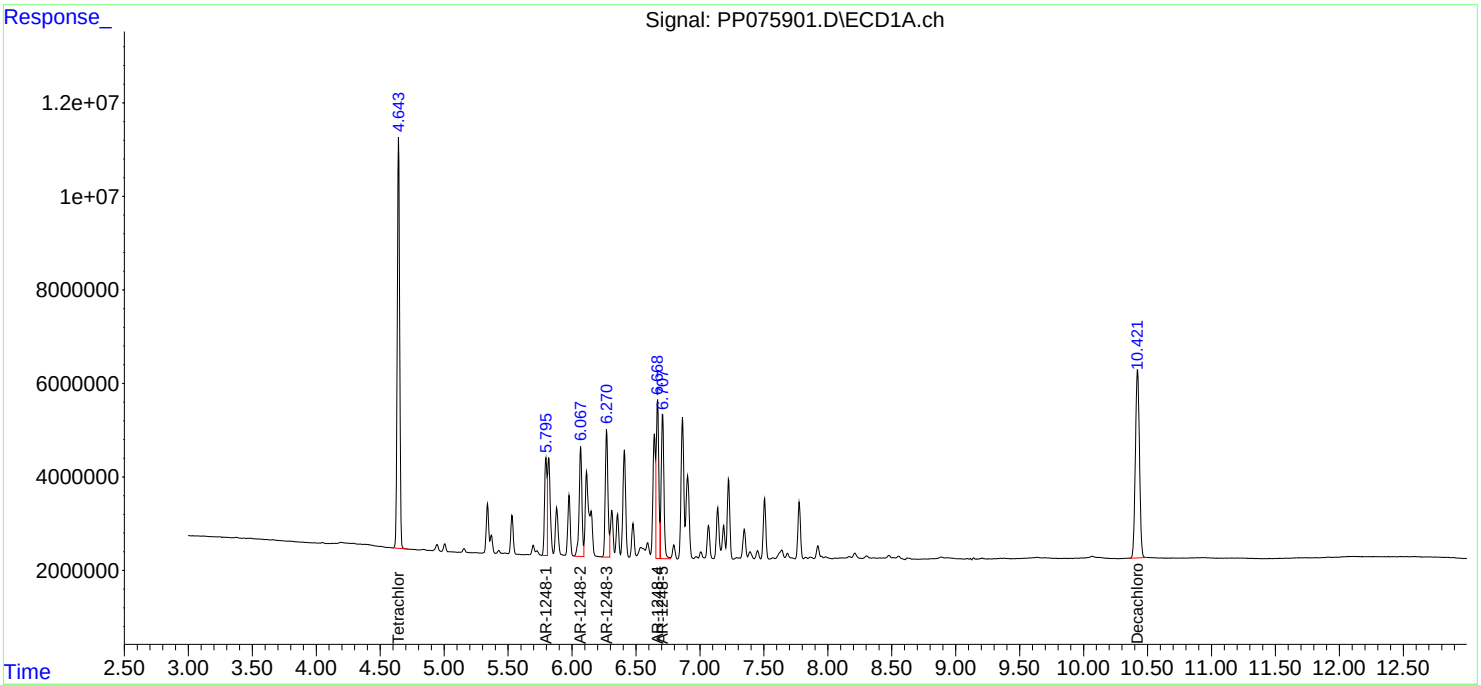
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

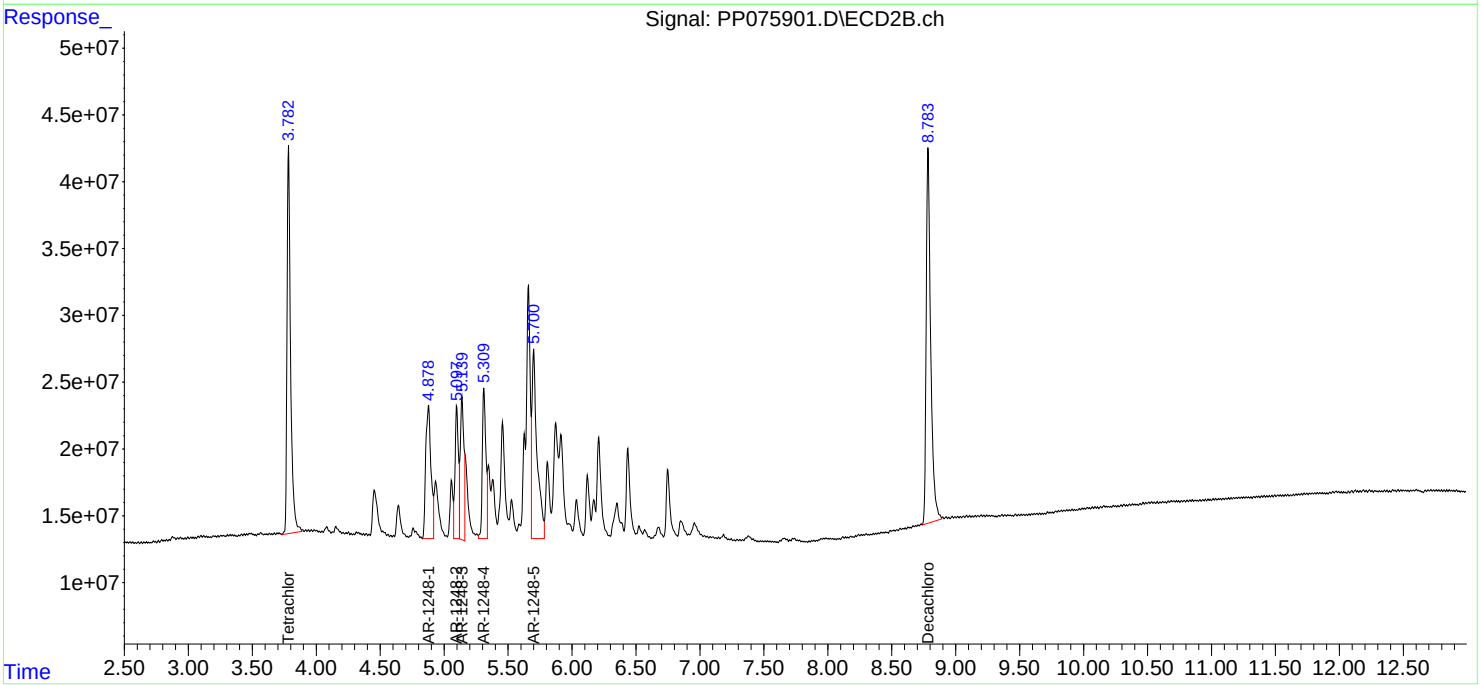
Manual Integrations APPROVED

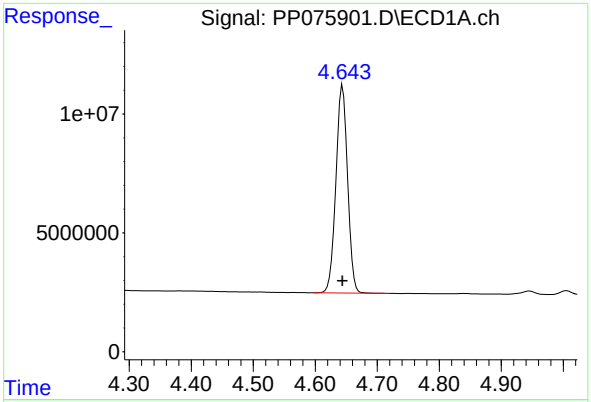
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:20:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







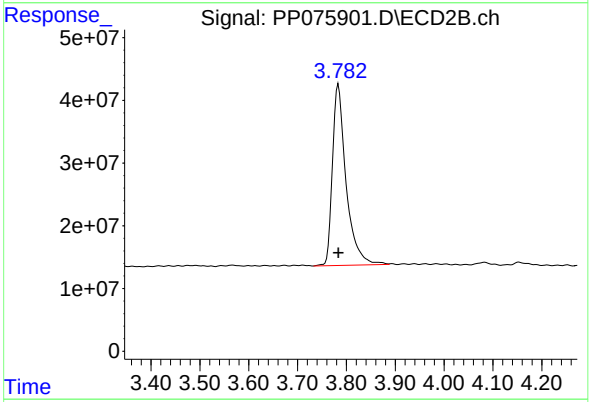
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 114730816
Conc: 75.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

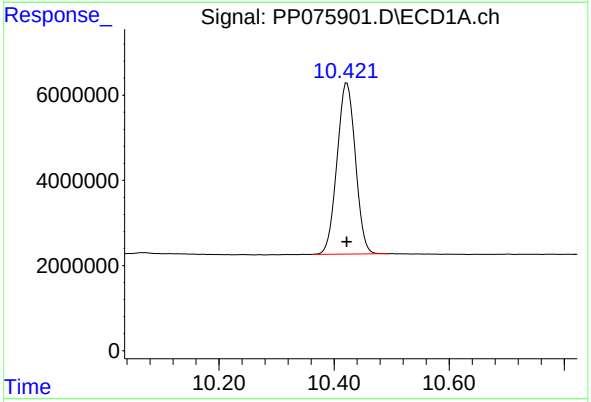
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



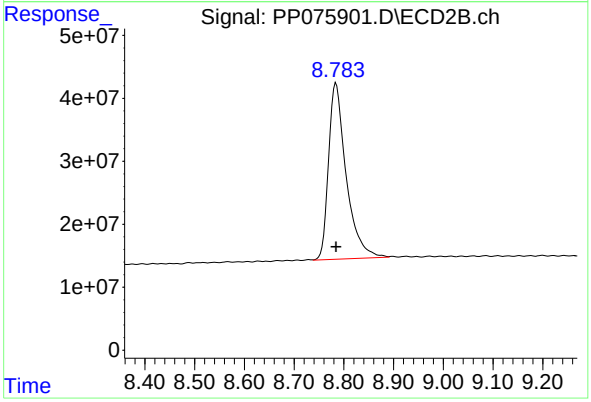
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 562221293
Conc: 75.73 ng/ml



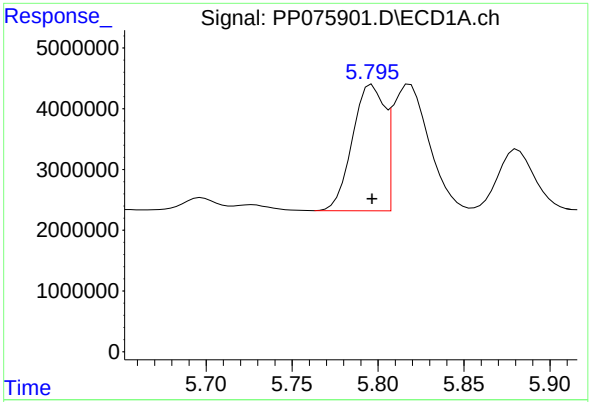
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 89301082
Conc: 74.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 688178922
Conc: 75.24 ng/ml



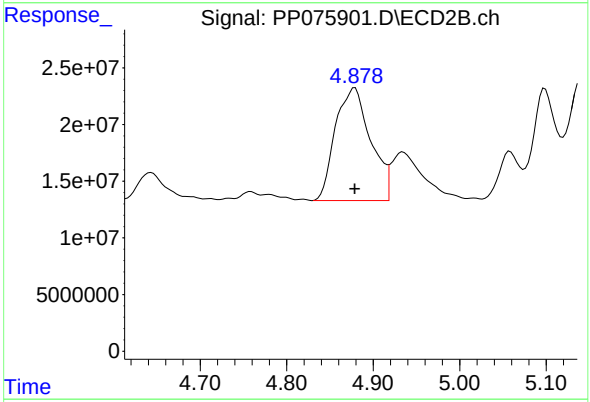
#21 AR-1248-1

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 26839141
Conc: 758.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

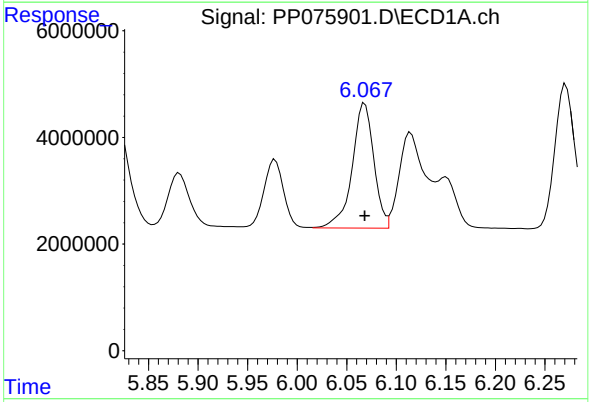
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



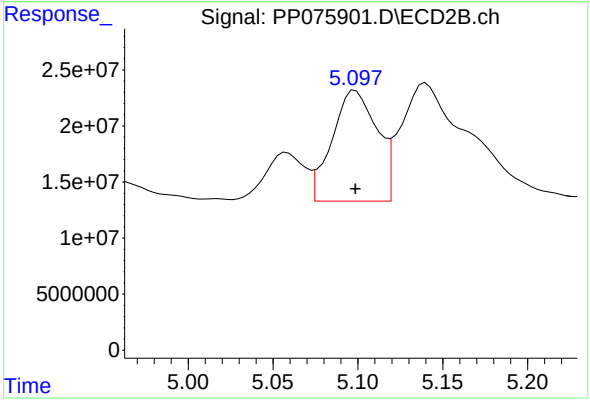
#21 AR-1248-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 281663359
Conc: 749.34 ng/ml



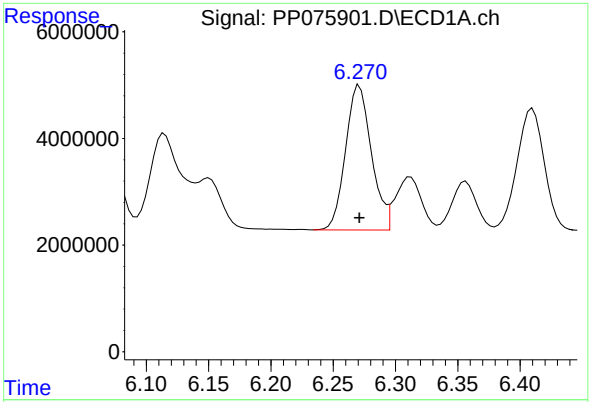
#22 AR-1248-2

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 35688032
Conc: 755.02 ng/ml



#22 AR-1248-2

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 181397265
Conc: 763.66 ng/ml



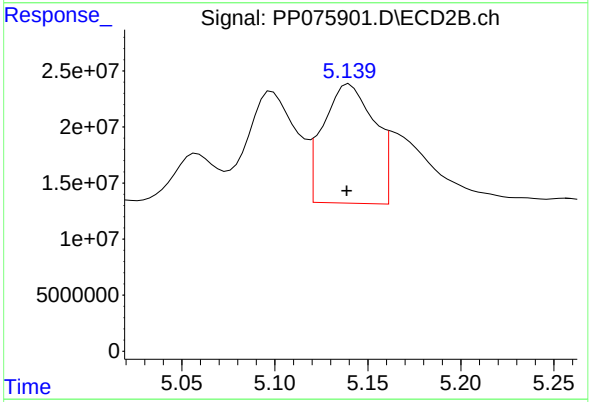
#23 AR-1248-3

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 39334925
Conc: 723.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

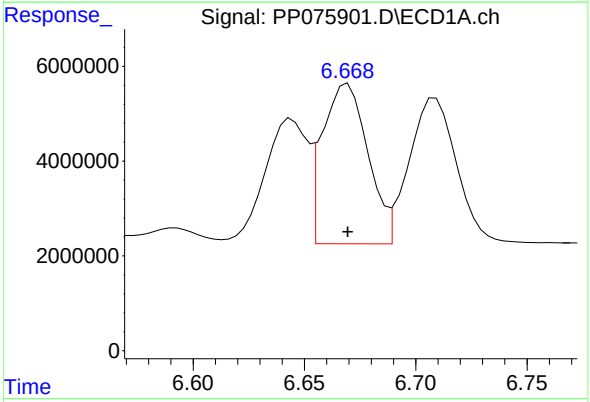
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



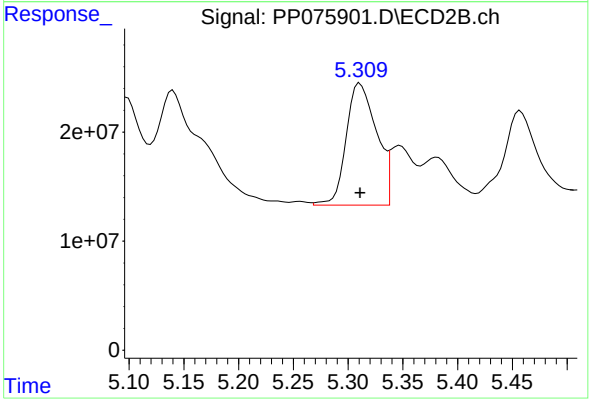
#23 AR-1248-3

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 200585505
Conc: 728.51 ng/ml m



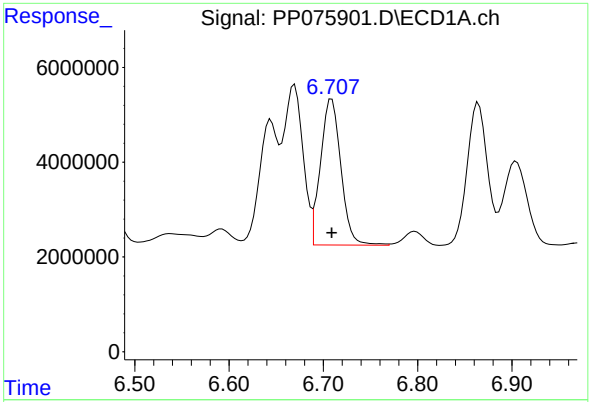
#24 AR-1248-4

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 48125398
Conc: 751.54 ng/ml



#24 AR-1248-4

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 216436626
Conc: 777.55 ng/ml



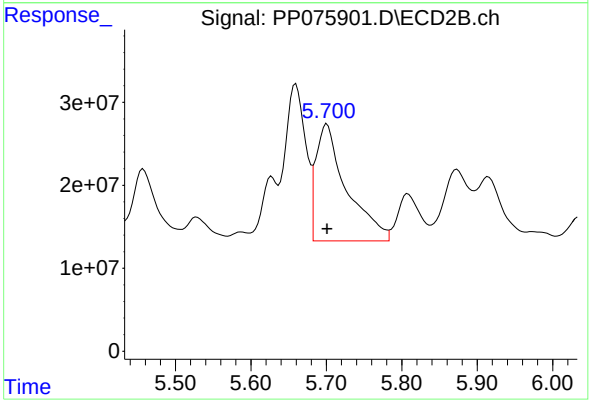
#25 AR-1248-5

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 46284863
Conc: 749.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 398232358
Conc: 746.12 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:13
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.645	3.784	77916247	371.6E6	50.000	50.000
2)	SA Decachlor...	10.424	8.784	62181174	463.5E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.798	4.877	18481760	194.6E6	500.000	500.000
22)	L5 AR-1248-2	6.069	5.098	24701455	121.9E6	500.000	500.000
23)	L5 AR-1248-3	6.273	5.138	30552968	143.0E6	500.000	491.112m
24)	L5 AR-1248-4	6.671	5.312	33752591	140.8E6	500.000	500.000
25)	L5 AR-1248-5	6.710	5.701	32673818	269.1E6	500.000	500.000

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:13
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

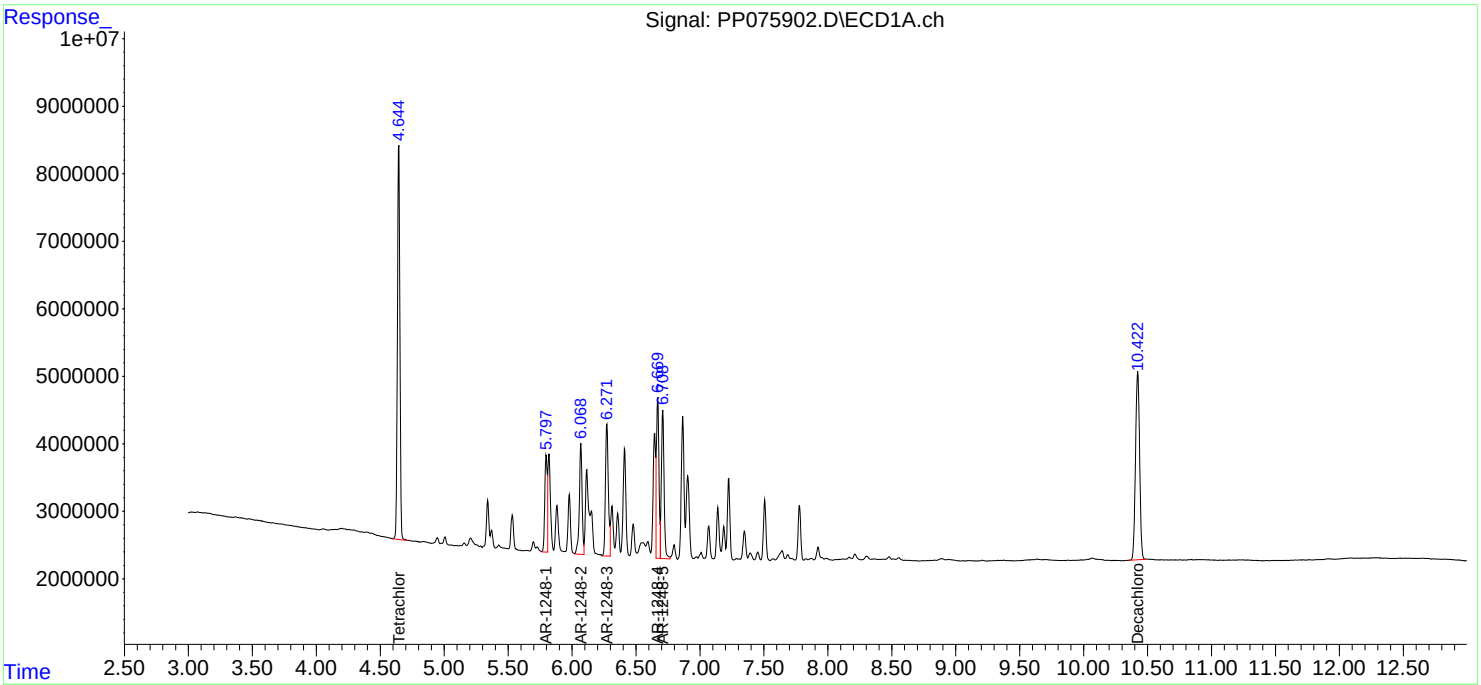
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

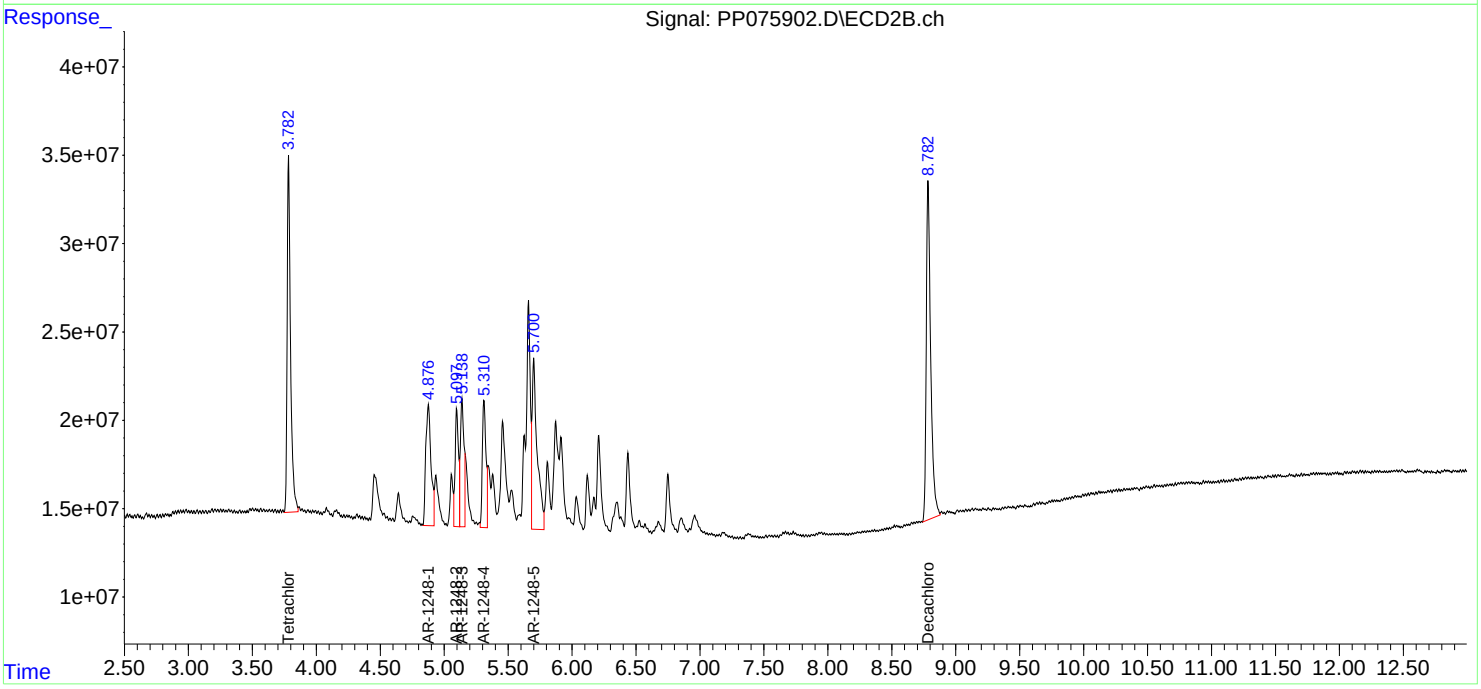
Manual Integrations APPROVED

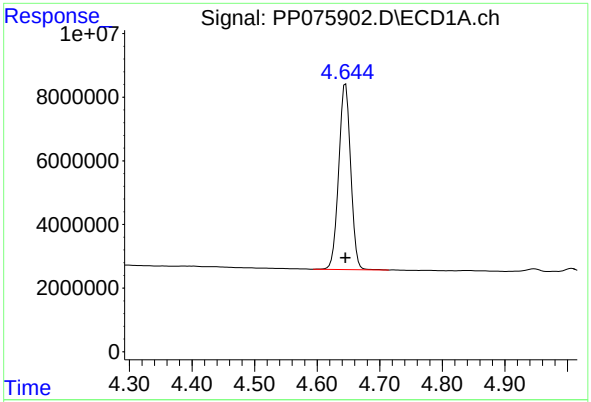
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







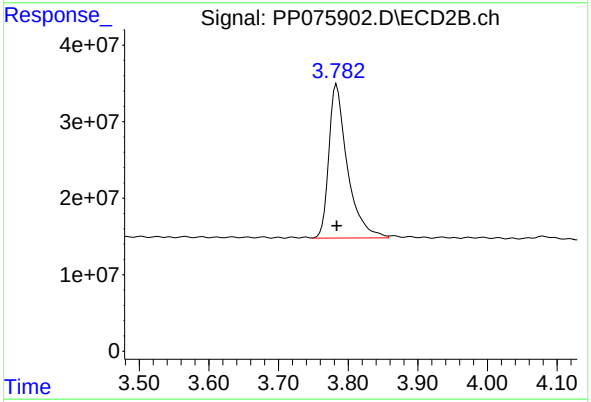
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 77916247
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

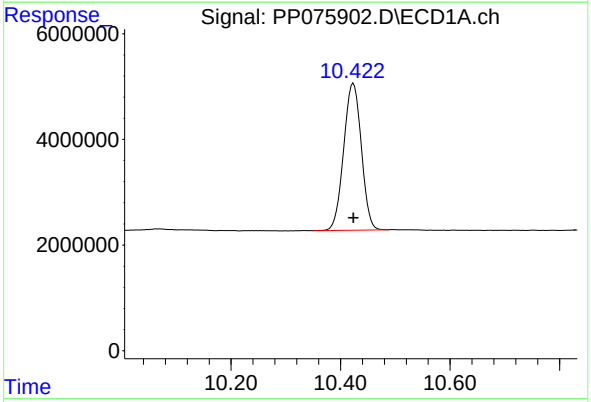
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



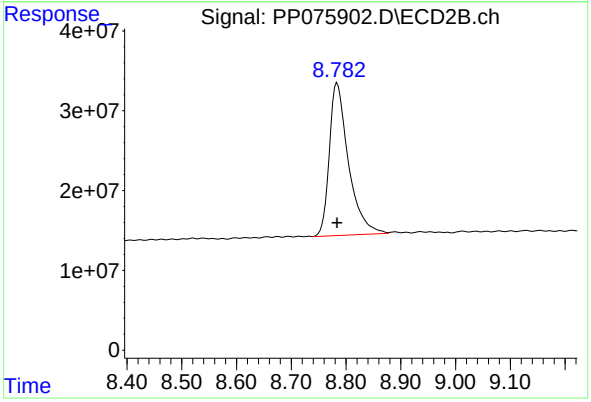
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 371607855
Conc: 50.00 ng/ml



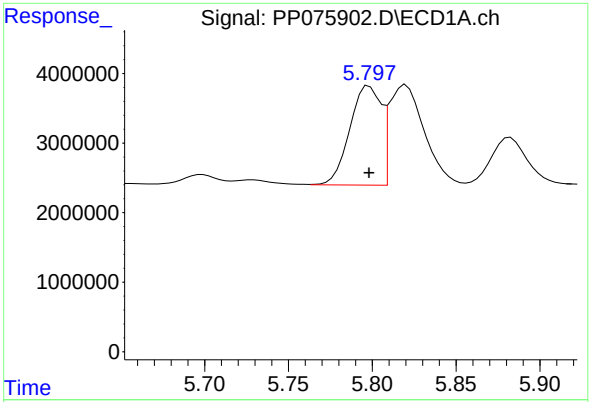
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 62181174
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 463498702
Conc: 50.00 ng/ml



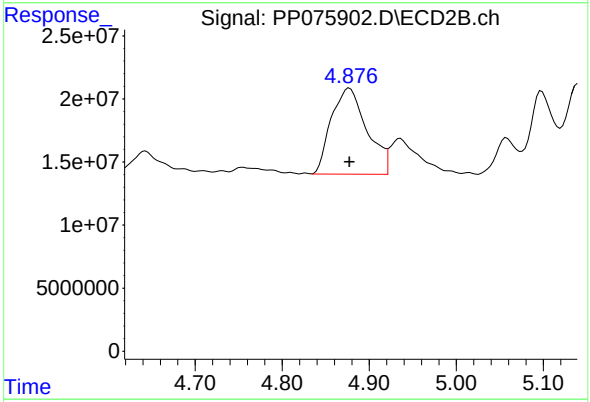
#21 AR-1248-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 18481760
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

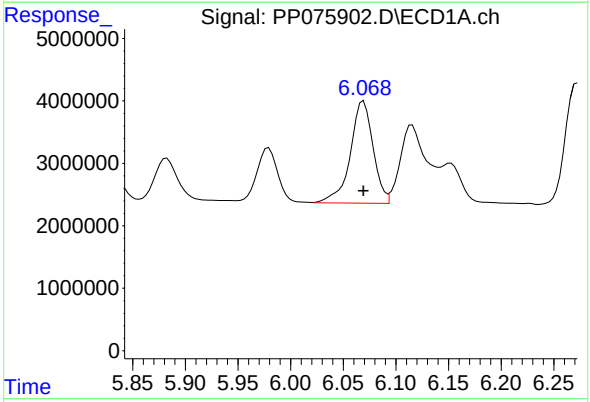
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



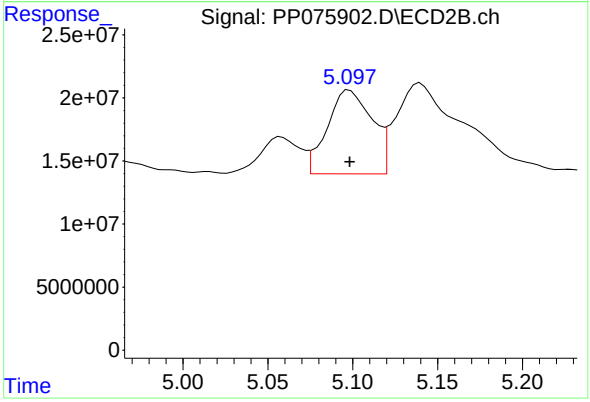
#21 AR-1248-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 194580429
Conc: 500.00 ng/ml



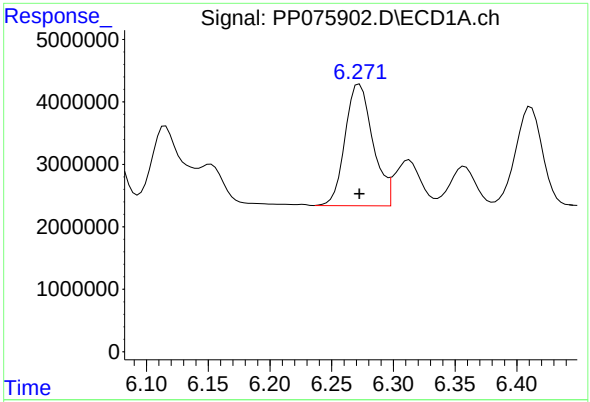
#22 AR-1248-2

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 24701455
Conc: 500.00 ng/ml



#22 AR-1248-2

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 121919207
Conc: 500.00 ng/ml



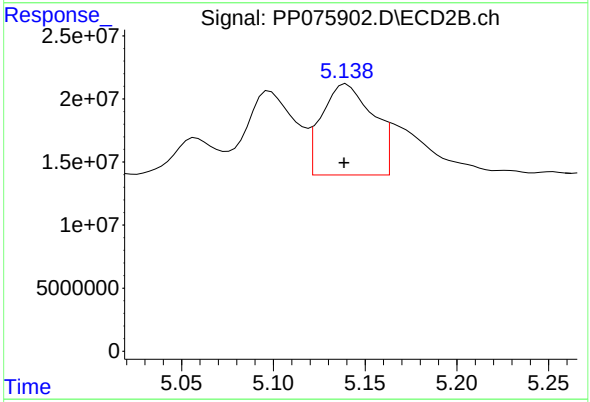
#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 30552968
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

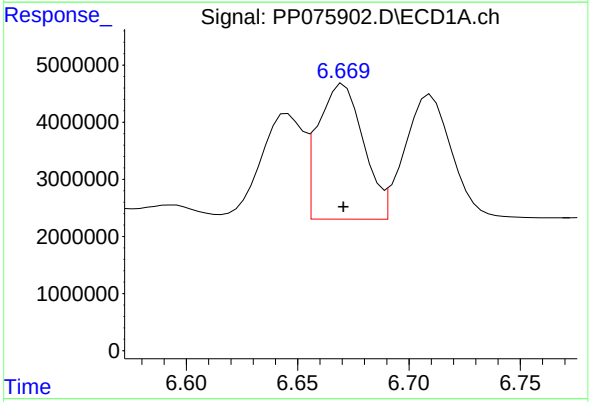
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



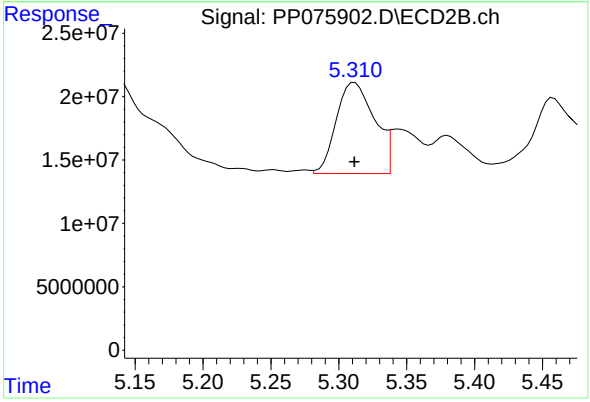
#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 143020593
Conc: 491.11 ng/ml m



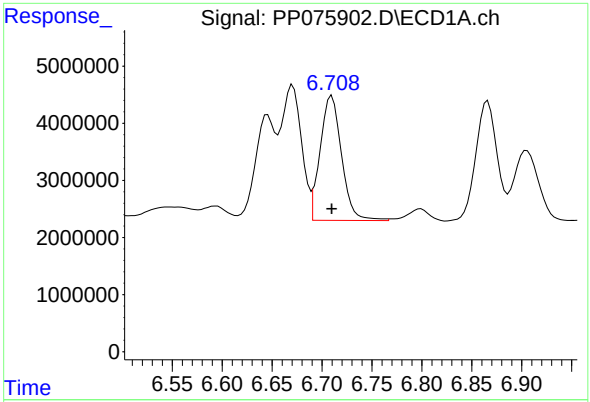
#24 AR-1248-4

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 33752591
Conc: 500.00 ng/ml



#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 140771774
Conc: 500.00 ng/ml



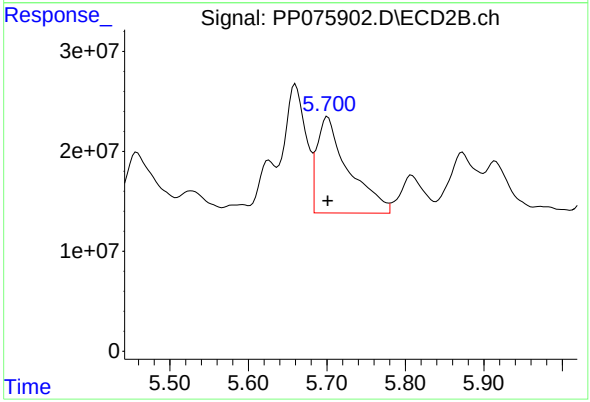
#25 AR-1248-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 32673818
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 269130164
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:30
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.783	40662408	178.1E6	26.305	24.238
2)	SA Decachlor...	10.423	8.784	32672168	226.3E6	26.770	24.802
	Target Compounds						
21)	L5 AR-1248-1	5.799	4.878	9780476	97652835	269.170	257.276
22)	L5 AR-1248-2	6.070	5.099	13110467	64450290	269.977	265.662
23)	L5 AR-1248-3	6.273	5.138	14333820	75193193	260.182	273.023m
24)	L5 AR-1248-4	6.671	5.312	18043522	71202640	273.096	254.322
25)	L5 AR-1248-5	6.710	5.701	17824378	145.0E6	277.971	265.917

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:30
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

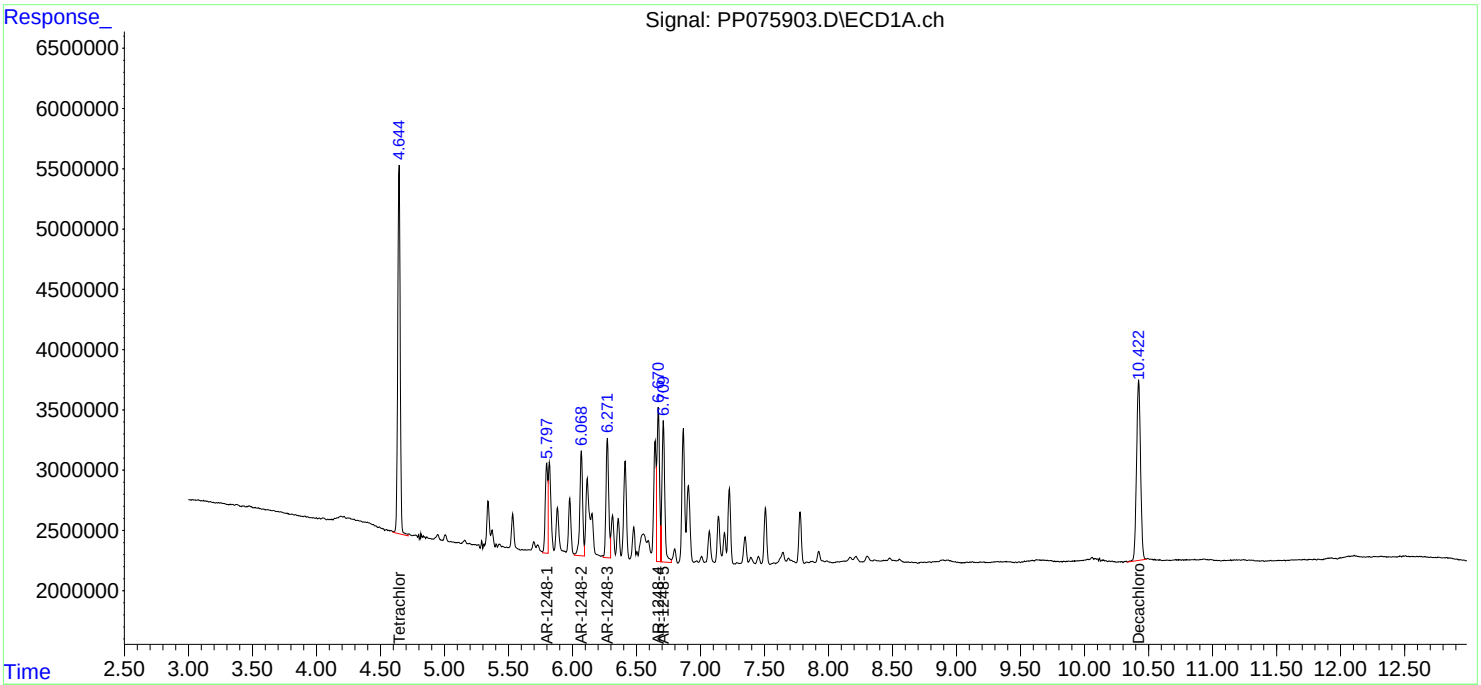
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

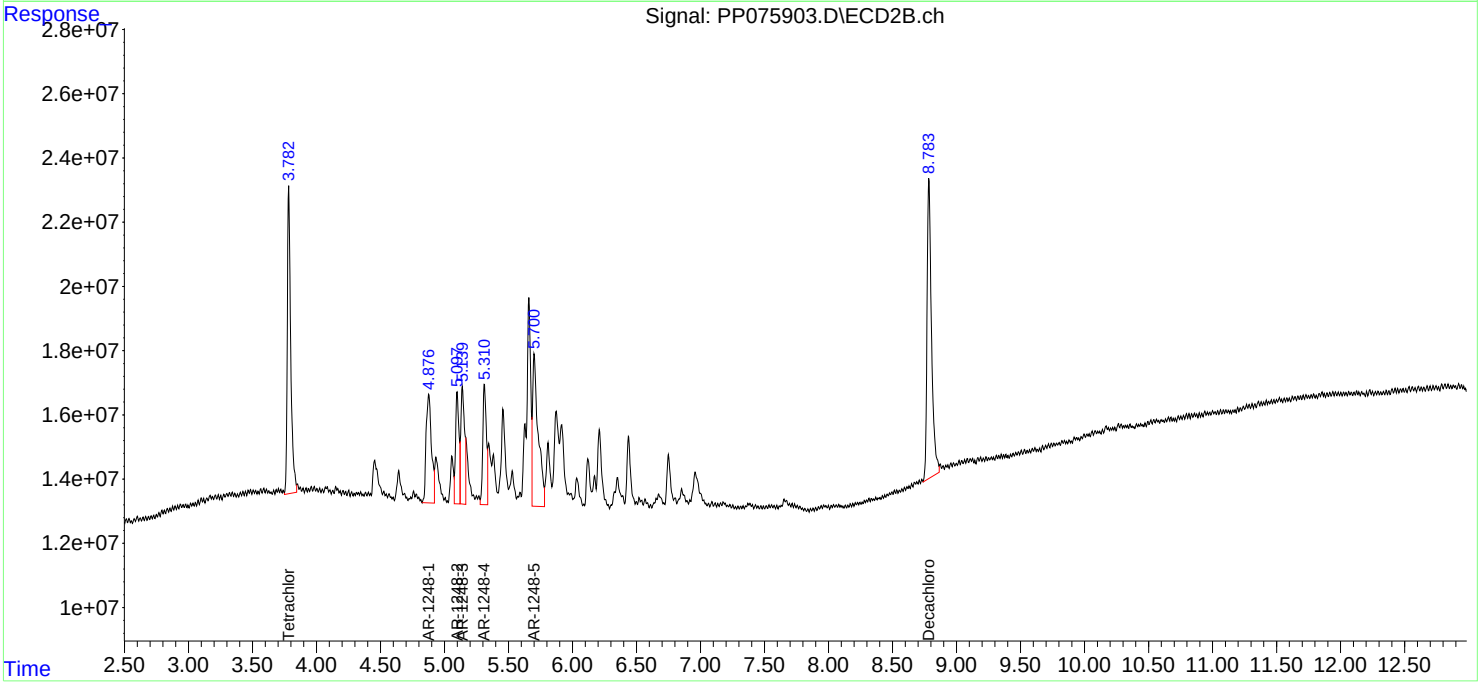
Manual Integrations APPROVED

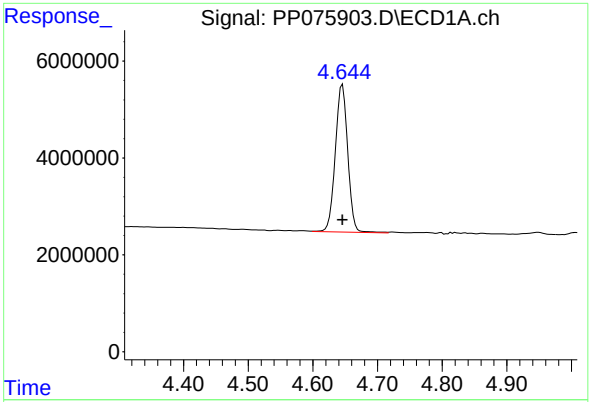
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







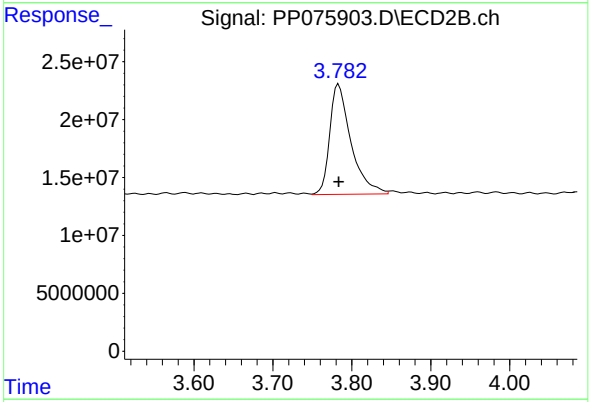
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 40662408
Conc: 26.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

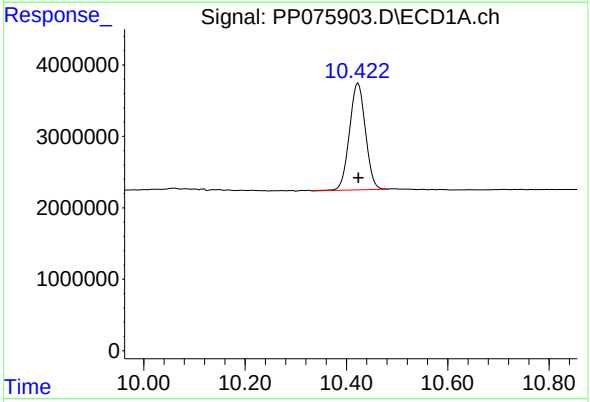
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



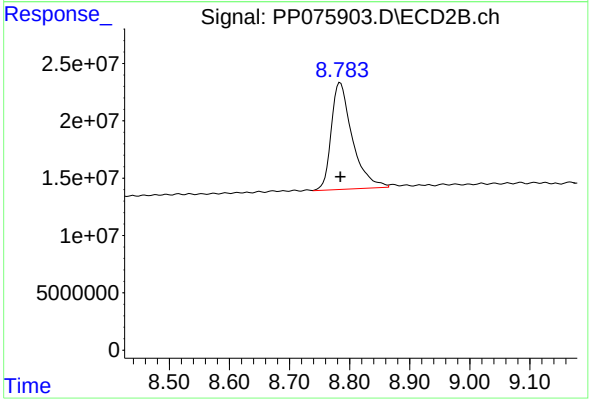
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 178134040
Conc: 24.24 ng/ml



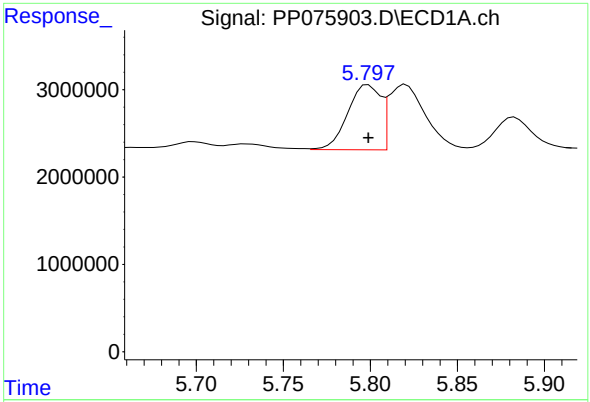
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.000 min
Response: 32672168
Conc: 26.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 226265629
Conc: 24.80 ng/ml



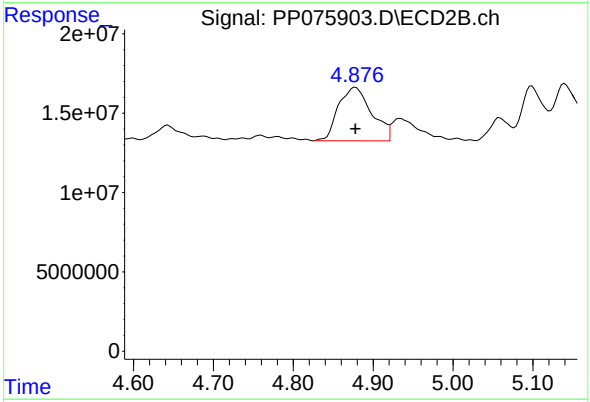
#21 AR-1248-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 9780476
Conc: 269.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

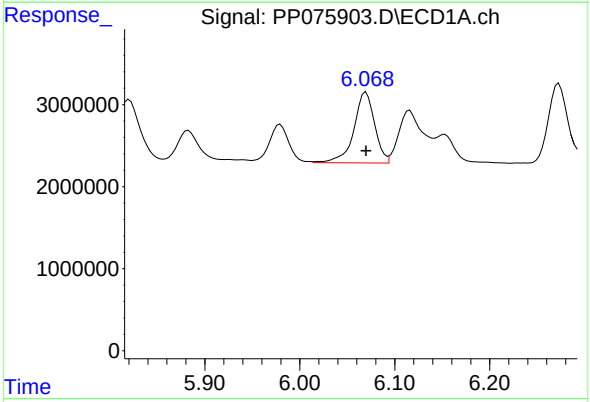
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



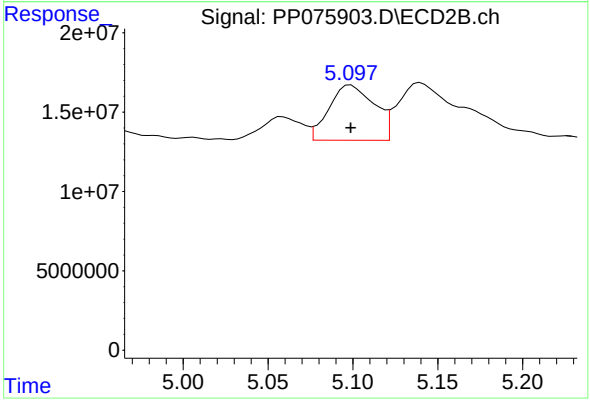
#21 AR-1248-1

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 97652835
Conc: 257.28 ng/ml



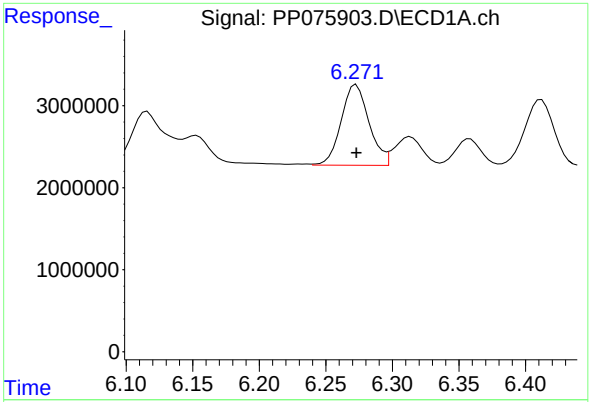
#22 AR-1248-2

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 13110467
Conc: 269.98 ng/ml



#22 AR-1248-2

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 64450290
Conc: 265.66 ng/ml



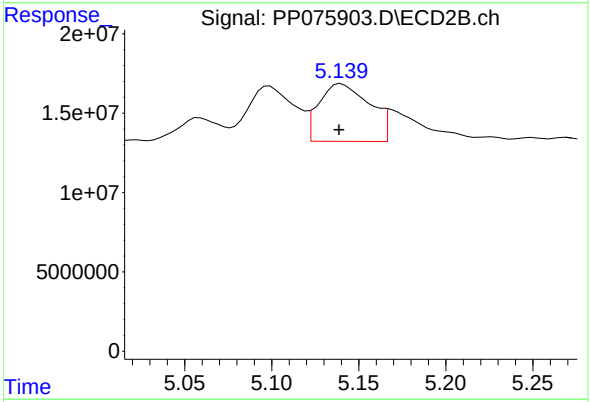
#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 14333820
Conc: 260.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

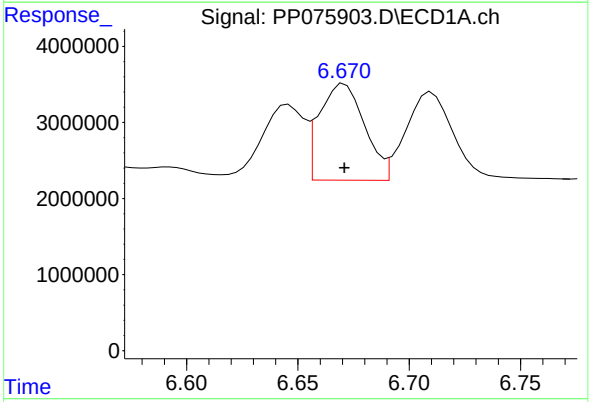
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



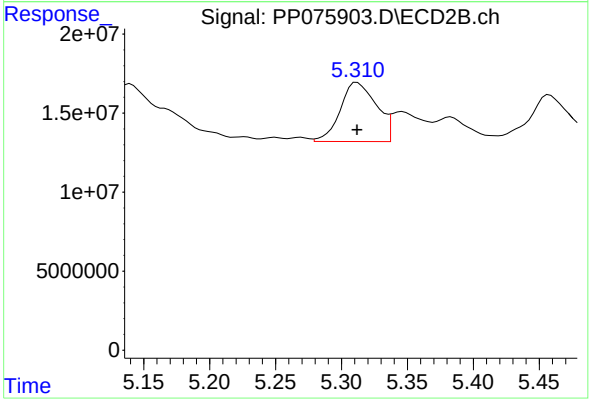
#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 75193193
Conc: 273.02 ng/ml m



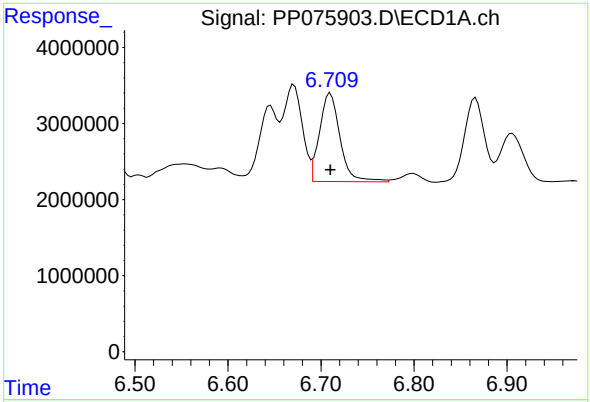
#24 AR-1248-4

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 18043522
Conc: 273.10 ng/ml



#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 71202640
Conc: 254.32 ng/ml



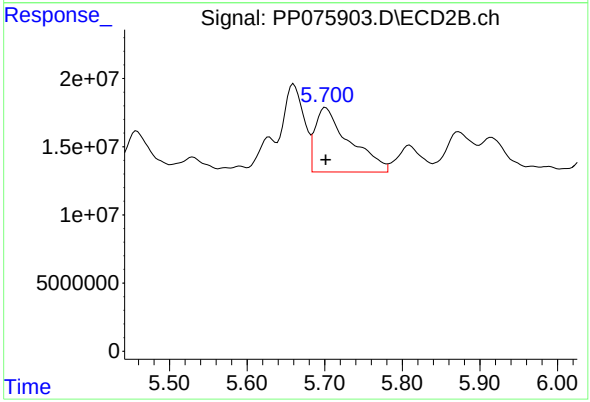
#25 AR-1248-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 17824378
Conc: 277.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 145007619
Conc: 265.92 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:46
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:29:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.645	3.780	7254273	27080772	4.751	3.914m
2)	SA Decachlor...	10.422	8.783	6253432	36720401	5.099	4.188
	Target Compounds						
21)	L5 AR-1248-1	5.798	4.873	1700512	17991268	47.407	47.898
22)	L5 AR-1248-2	6.069	5.101	2473817	12956514	50.751	52.688
23)	L5 AR-1248-3	6.273	5.138	2547901	16065921	46.953	56.000
24)	L5 AR-1248-4	6.669	5.313	3376964	14683789	49.218m	51.704m
25)	L5 AR-1248-5	6.708	5.730	3390515	20852592	50.206m	38.783m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:46
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

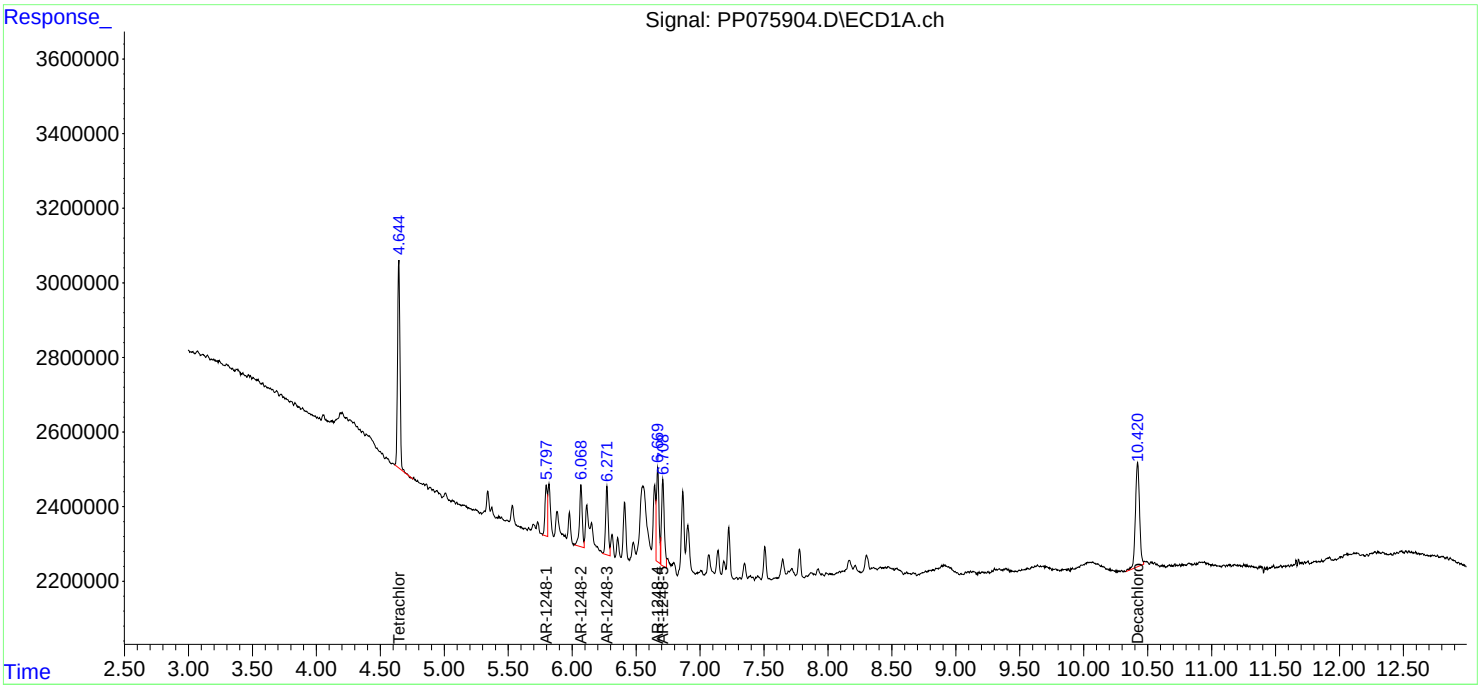
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

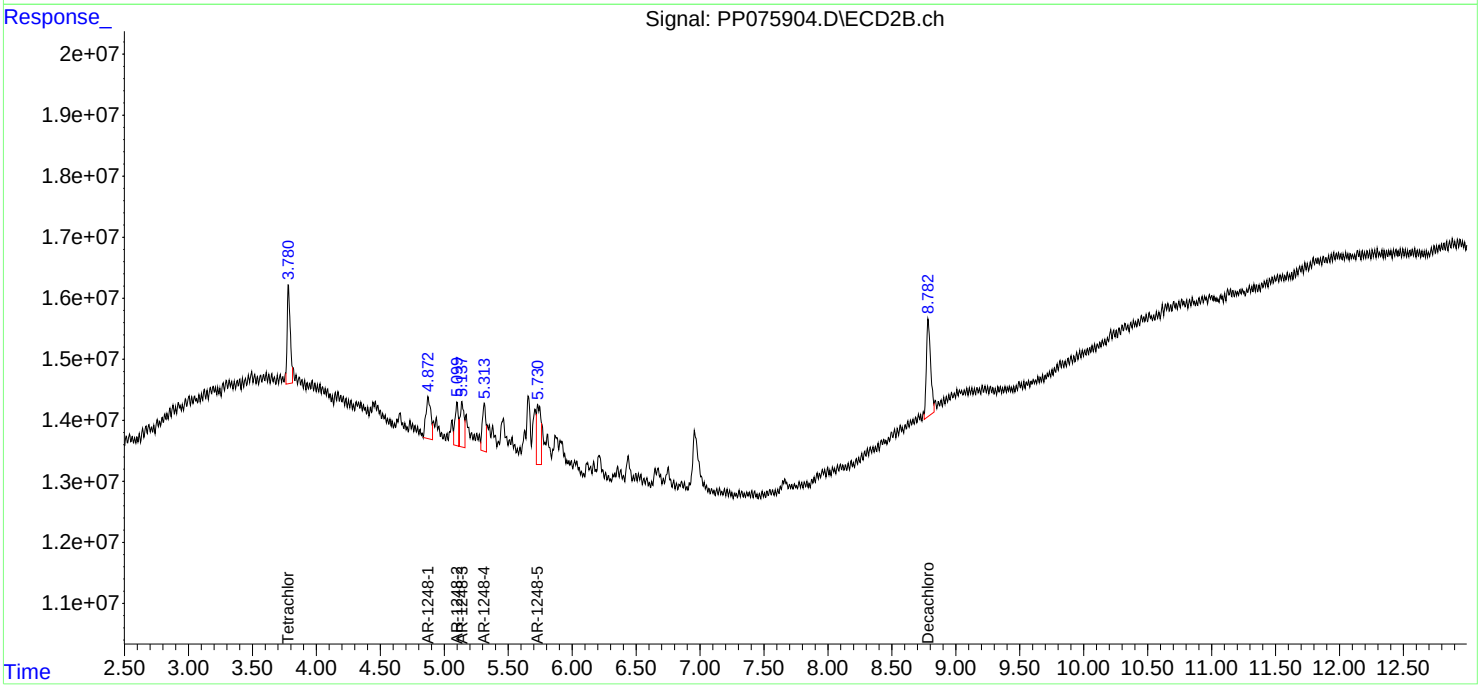
Manual Integrations APPROVED

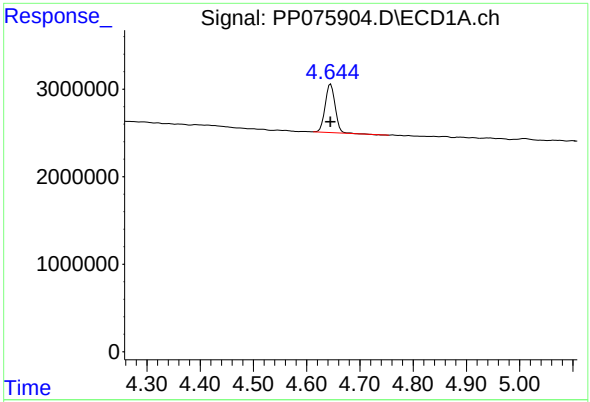
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:29:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







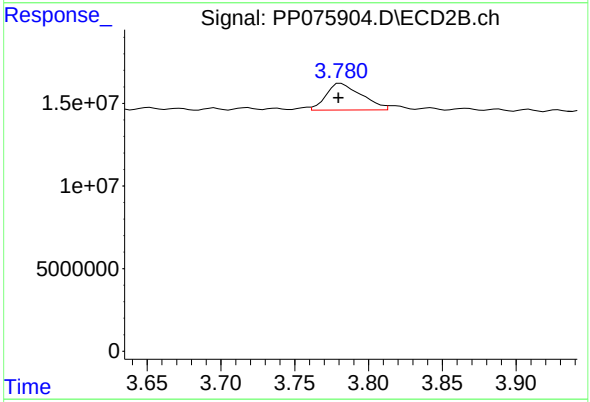
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 7254273
Conc: 4.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

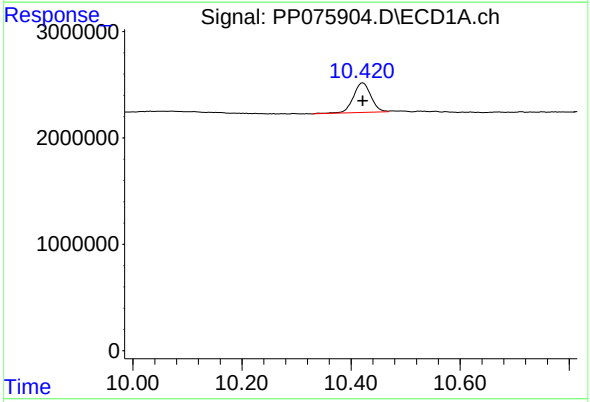
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



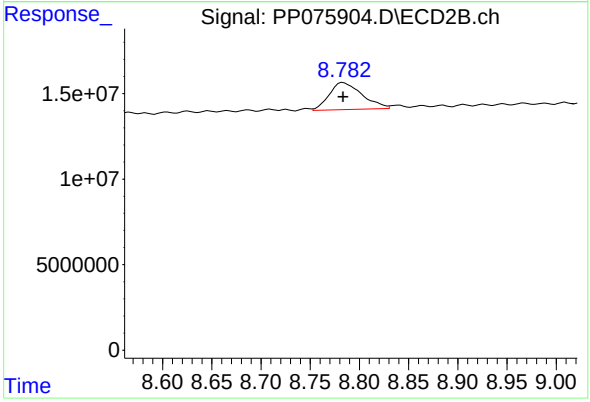
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 27080772
Conc: 3.91 ng/ml m



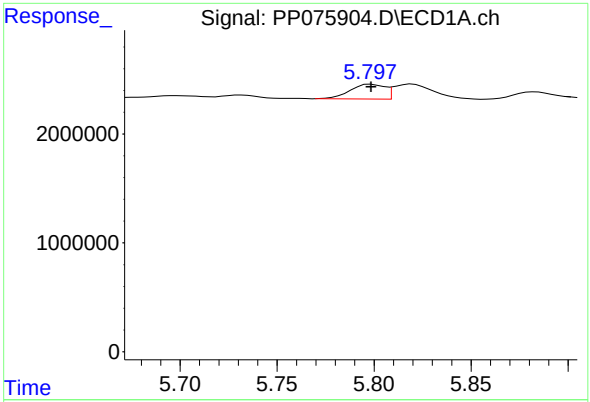
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 6253432
Conc: 5.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 36720401
Conc: 4.19 ng/ml



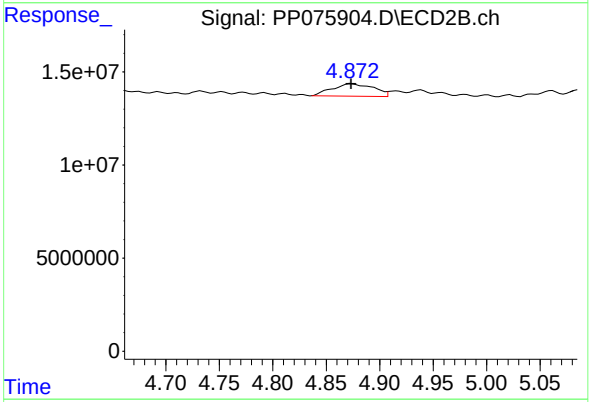
#21 AR-1248-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 1700512
Conc: 47.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

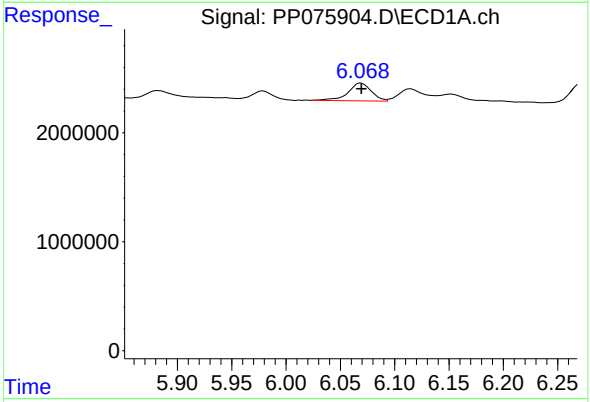
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



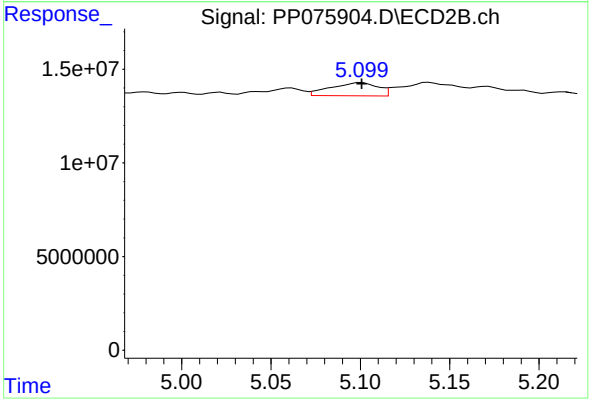
#21 AR-1248-1

R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 17991268
Conc: 47.90 ng/ml



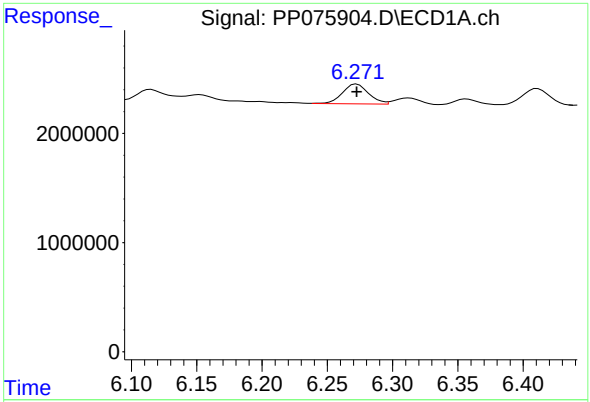
#22 AR-1248-2

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 2473817
Conc: 50.75 ng/ml



#22 AR-1248-2

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 12956514
Conc: 52.69 ng/ml



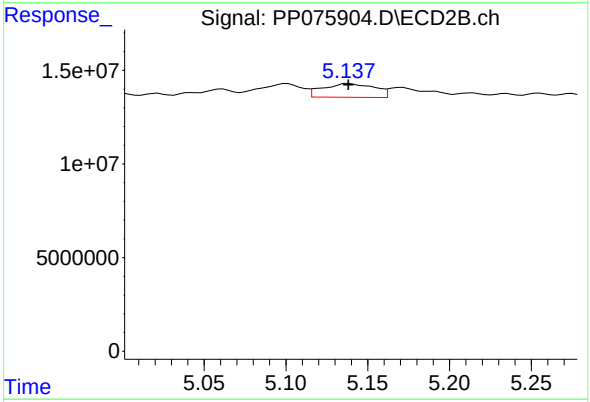
#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 2547901
Conc: 46.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

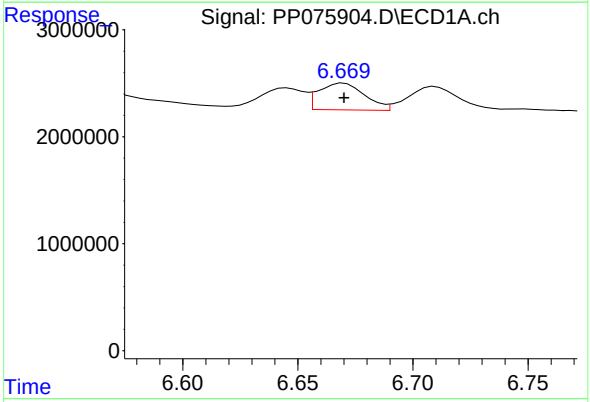
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



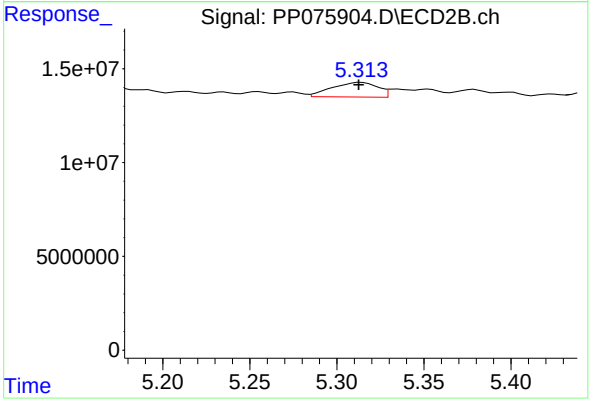
#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 16065921
Conc: 56.00 ng/ml



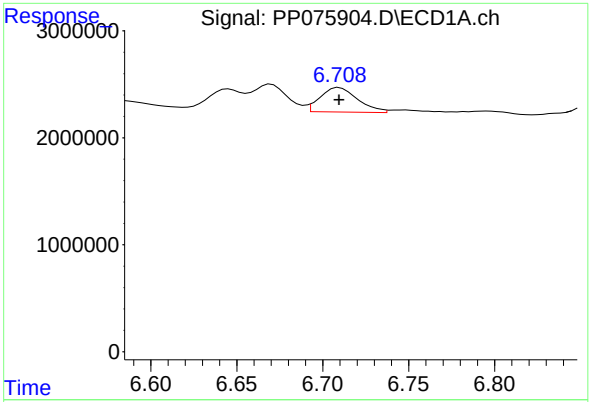
#24 AR-1248-4

R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 3376964
Conc: 49.22 ng/ml m



#24 AR-1248-4

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 14683789
Conc: 51.70 ng/ml m



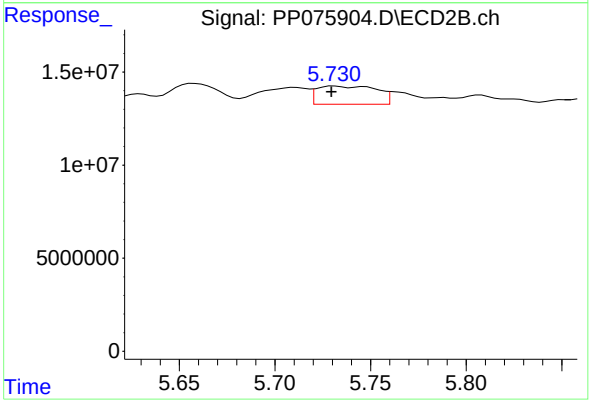
#25 AR-1248-5

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 3390515
Conc: 50.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#25 AR-1248-5

R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: 20852592
Conc: 38.78 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 15:57:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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...	4.646	3.783	149.9E6	746.7E6	97.273	98.623
2)	SA Decachlor...	10.424	8.784	119.5E6	929.4E6	95.942	97.673
	Target Compounds						
26)	L6 AR-1254-1	6.646	5.662	66261960	570.9E6	872.670m	970.606
27)	L6 AR-1254-2	6.864	5.809	87851253	484.3E6	952.211	965.216
28)	L6 AR-1254-3	7.226	6.211	92035771	866.8E6	959.587	985.524
29)	L6 AR-1254-4	7.509	6.437	73136868	656.6E6	959.001	987.570
30)	L6 AR-1254-5	7.925	6.854	85440842	714.9E6	961.668	997.772

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

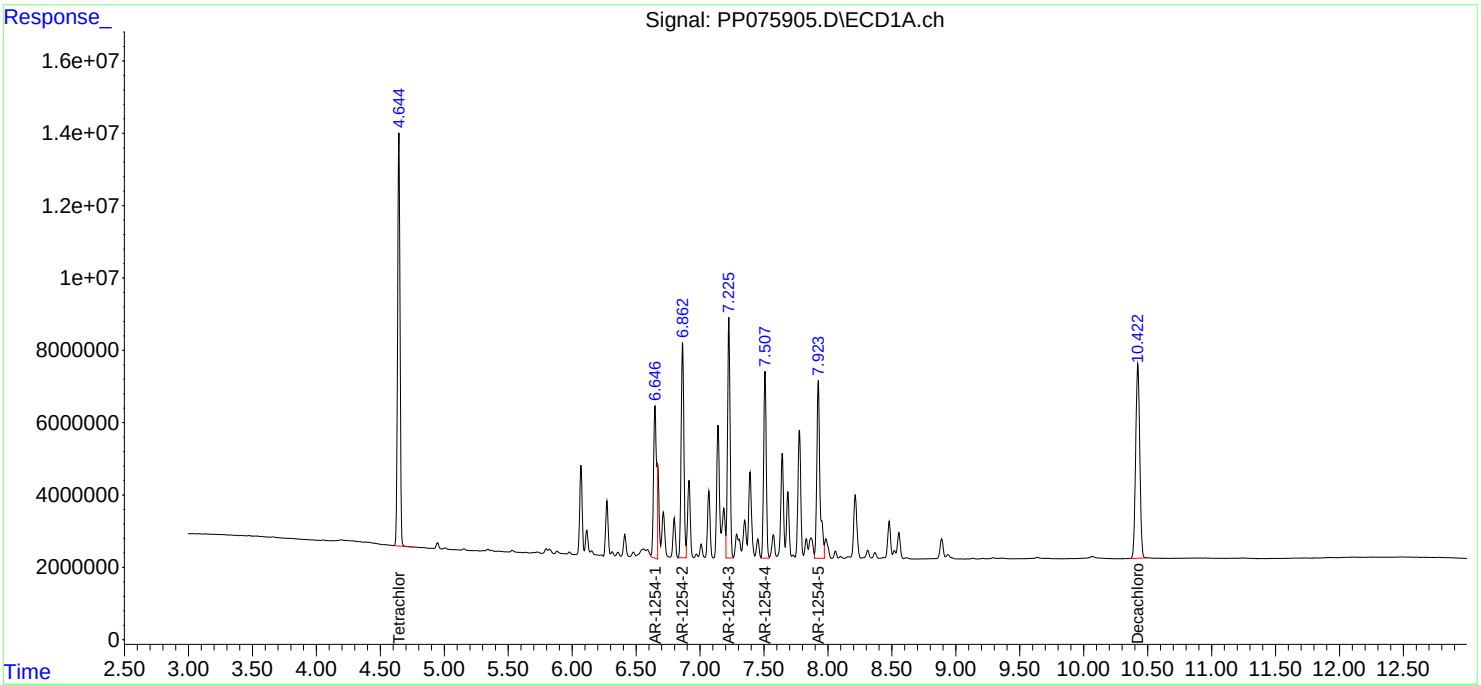
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

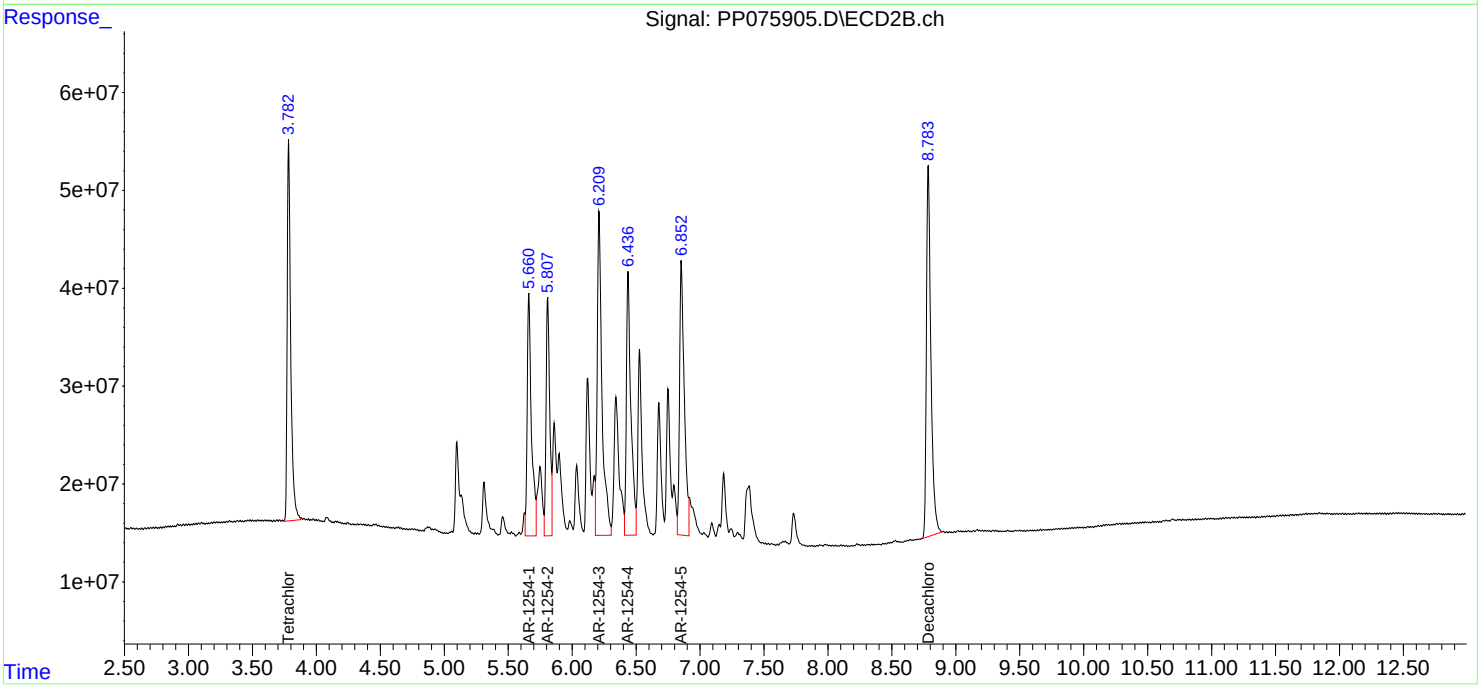
Manual Integrations APPROVED

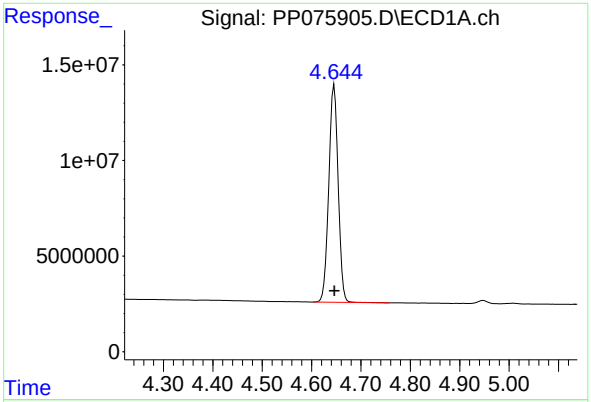
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 15:57:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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







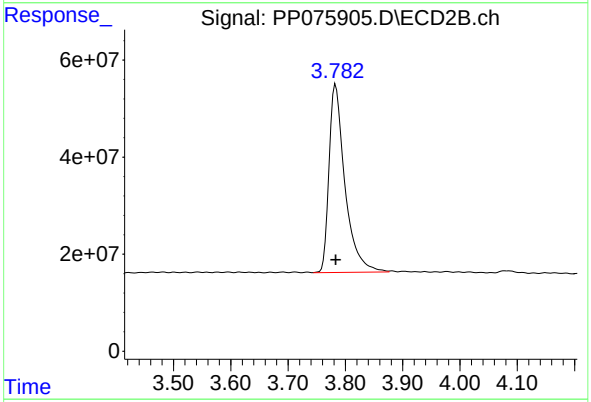
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 149921798
Conc: 97.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

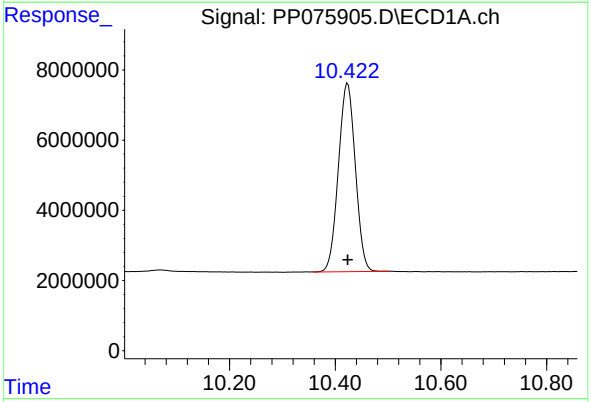
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



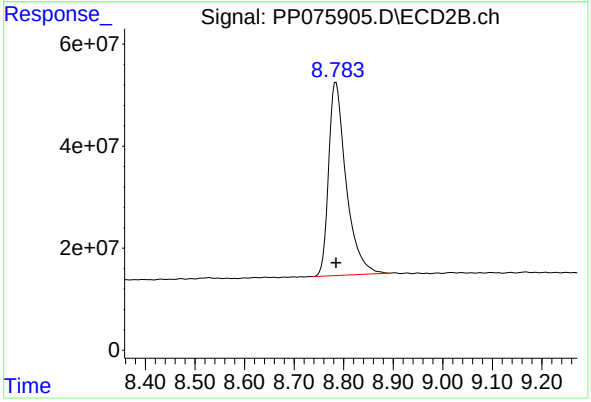
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 746743420
Conc: 98.62 ng/ml



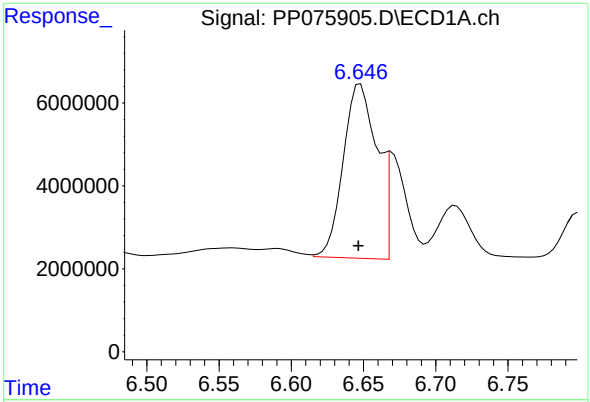
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 119497023
Conc: 95.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 929424717
Conc: 97.67 ng/ml



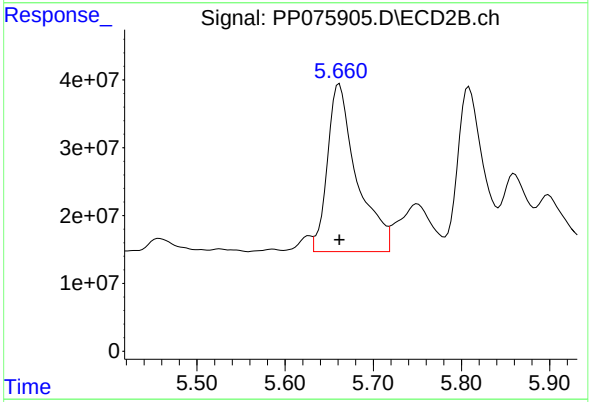
#26 AR-1254-1

R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 66261960
Conc: 872.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

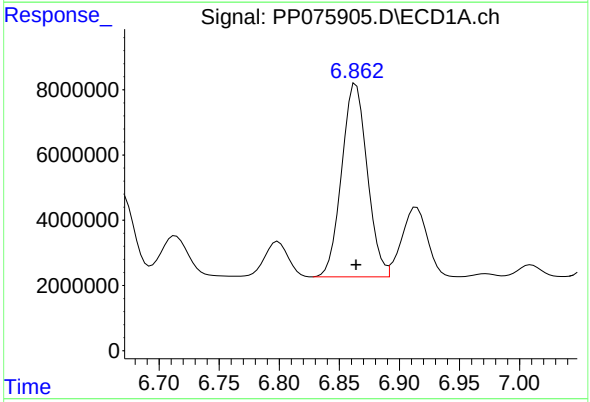
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



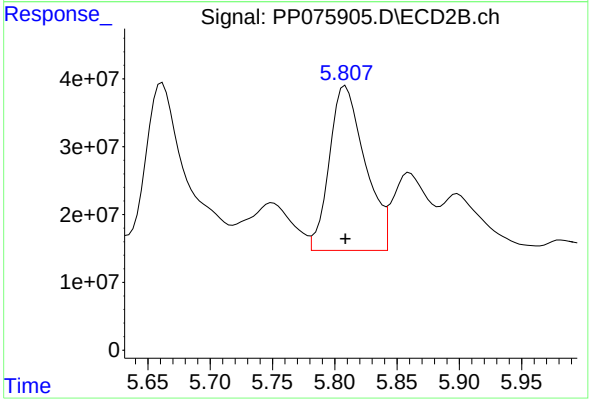
#26 AR-1254-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 570889099
Conc: 970.61 ng/ml



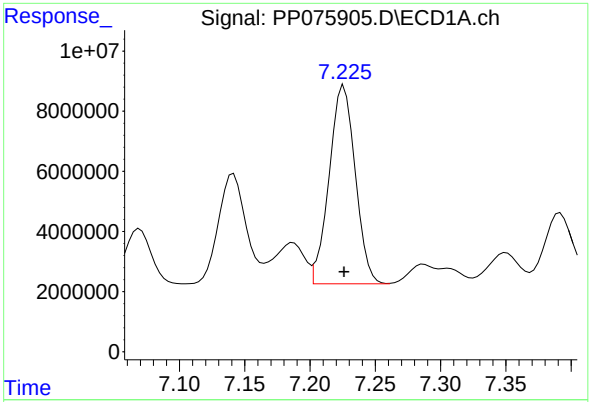
#27 AR-1254-2

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 87851253
Conc: 952.21 ng/ml



#27 AR-1254-2

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 484331632
Conc: 965.22 ng/ml



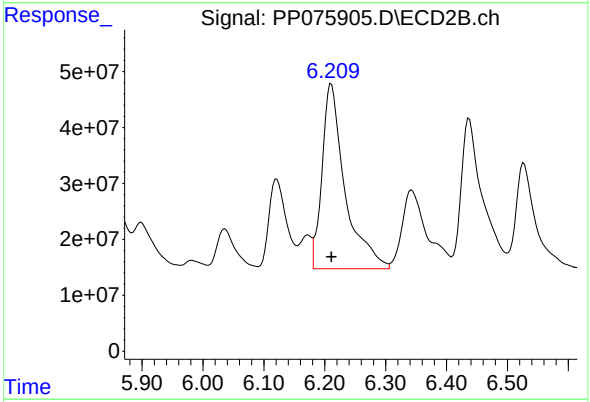
#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 92035771
Conc: 959.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

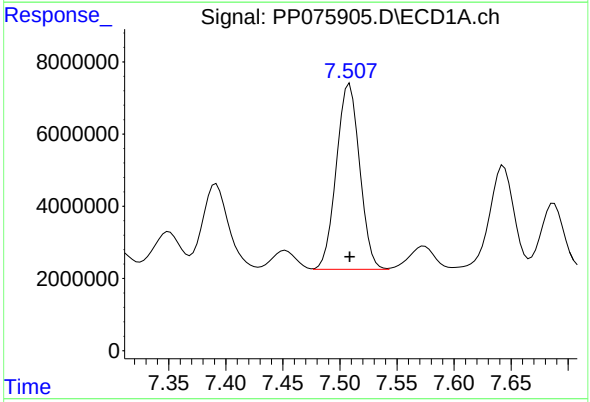
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



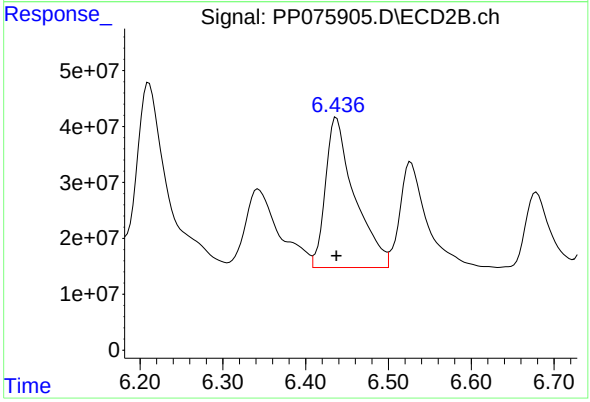
#28 AR-1254-3

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 866771846
Conc: 985.52 ng/ml



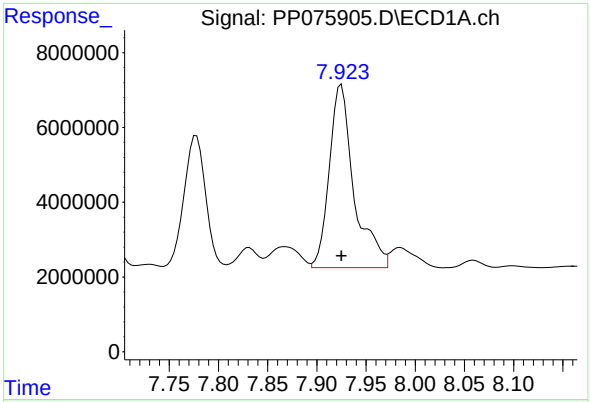
#29 AR-1254-4

R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 73136868
Conc: 959.00 ng/ml



#29 AR-1254-4

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 656603428
Conc: 987.57 ng/ml



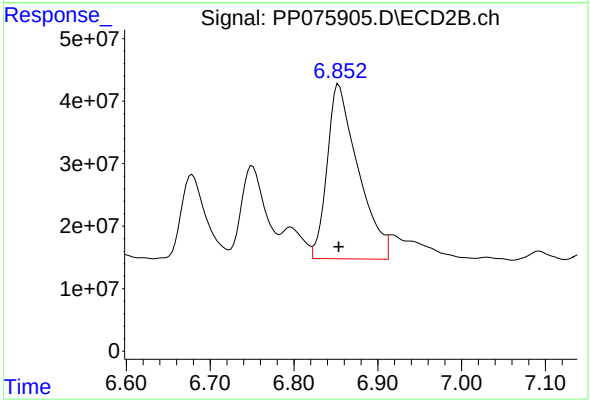
#30 AR-1254-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 85440842
Conc: 961.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#30 AR-1254-5

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 714919063
Conc: 997.77 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:03:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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...	4.644	3.783	116.9E6	582.0E6	75.579	76.230
2)	SA Decachlor...	10.423	8.784	93392685	723.9E6	74.989	75.714
	Target Compounds						
26)	L6 AR-1254-1	6.645	5.661	53923759	447.8E6	731.053m	757.518
27)	L6 AR-1254-2	6.863	5.808	69427935	372.6E6	751.680	745.041
28)	L6 AR-1254-3	7.225	6.210	72675518	670.2E6	755.137	757.967
29)	L6 AR-1254-4	7.507	6.436	57517400	515.4E6	752.790	766.592
30)	L6 AR-1254-5	7.923	6.851	67290078	595.4E6	754.900	785.342m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

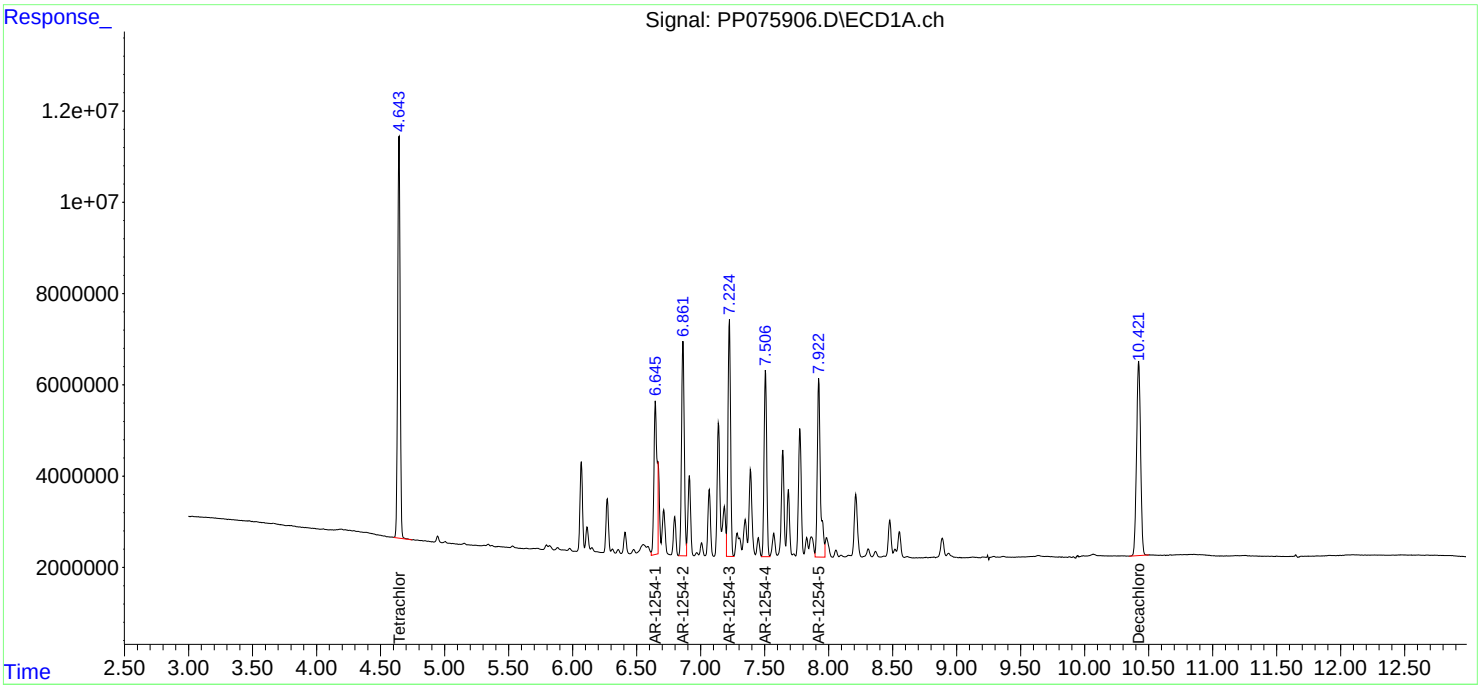
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

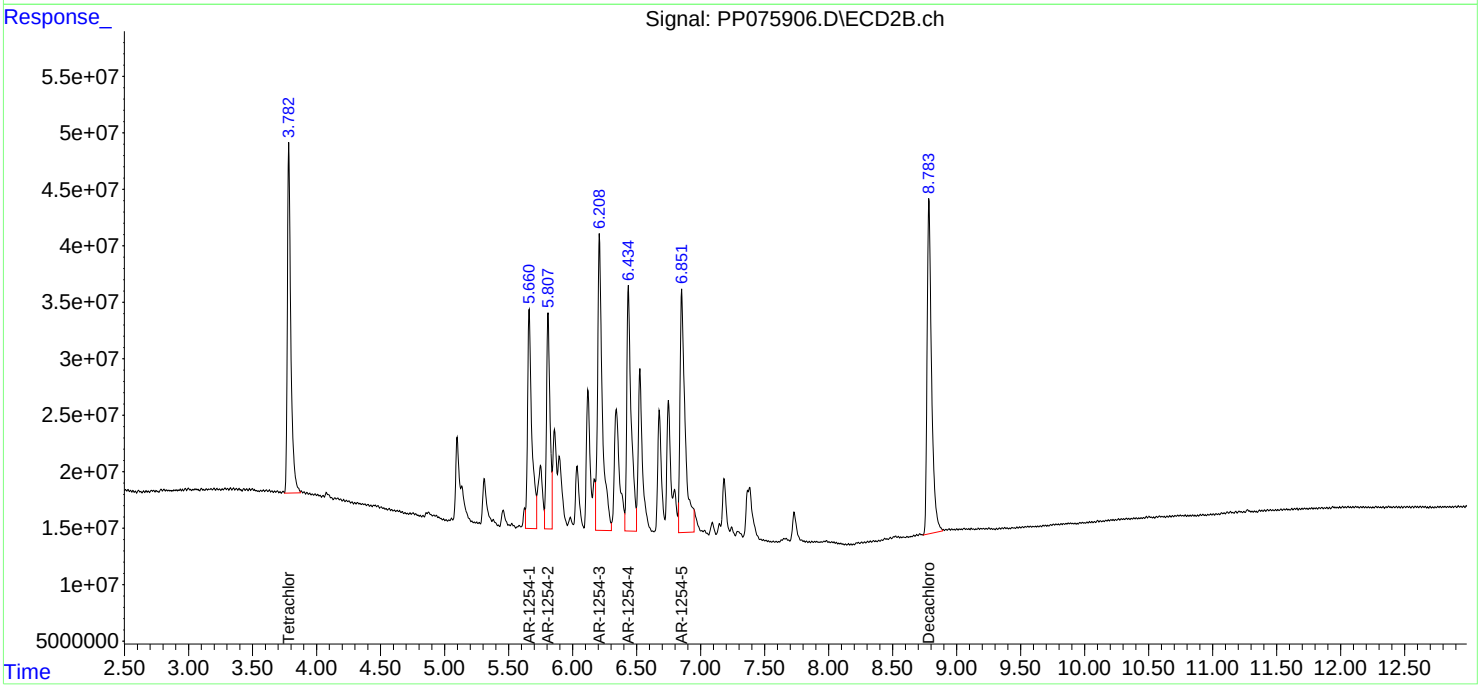
Manual Integrations APPROVED

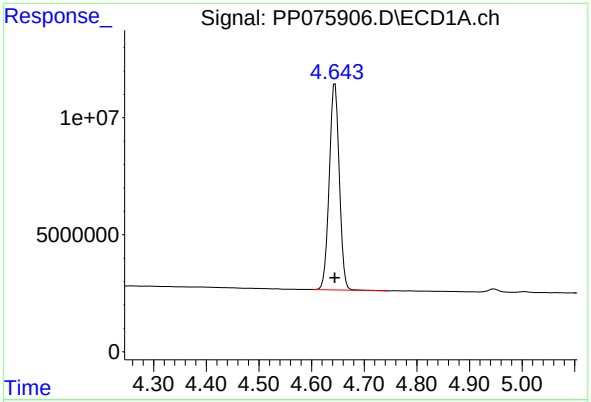
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:03:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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







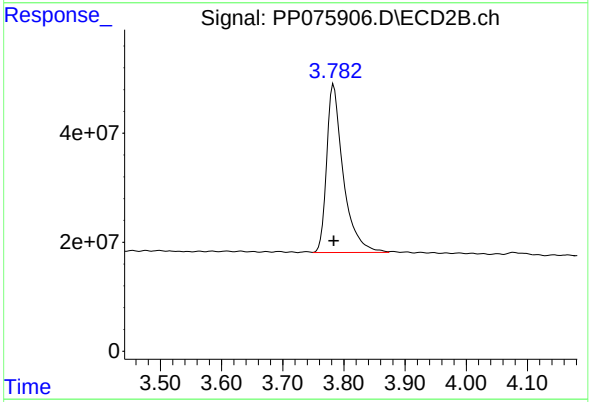
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 116937802
Conc: 75.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

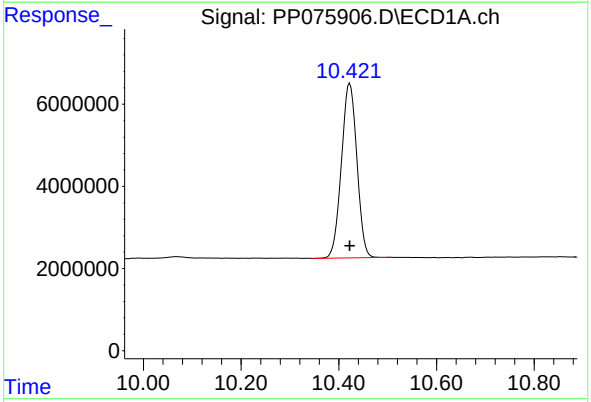
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



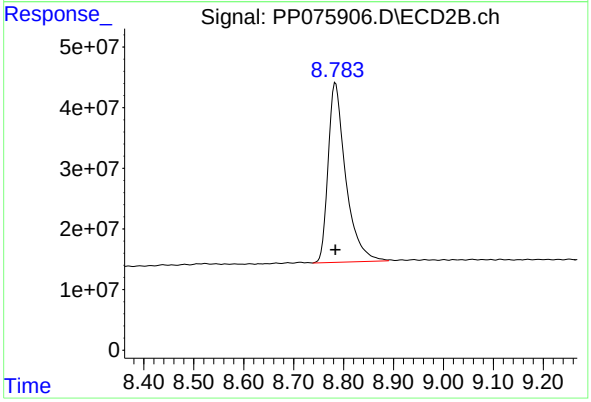
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 581966110
Conc: 76.23 ng/ml



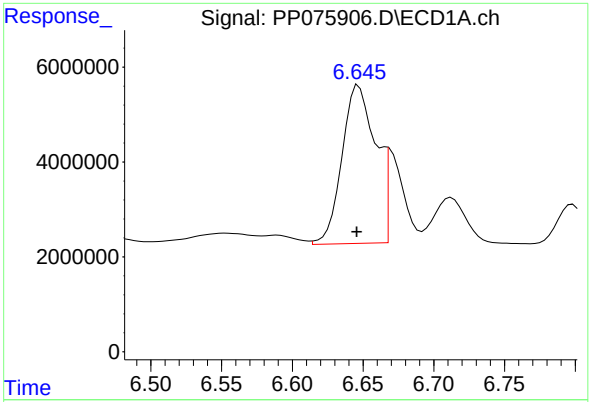
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.000 min
Response: 93392685
Conc: 74.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 723915885
Conc: 75.71 ng/ml



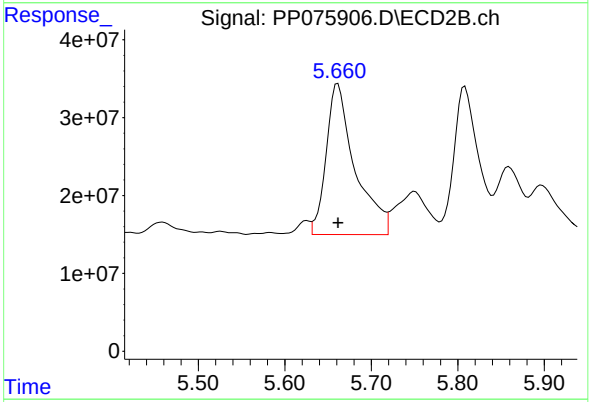
#26 AR-1254-1

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 53923759
Conc: 731.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

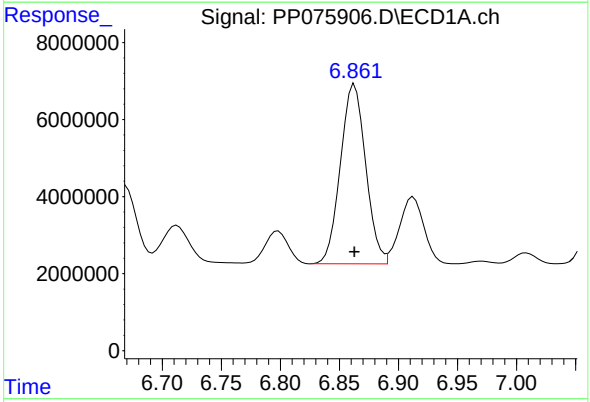
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



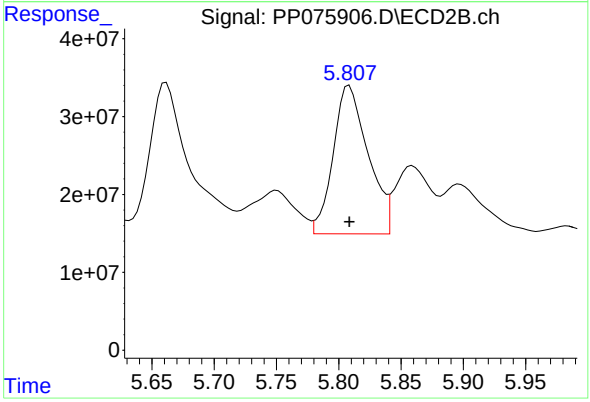
#26 AR-1254-1

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 447799637
Conc: 757.52 ng/ml



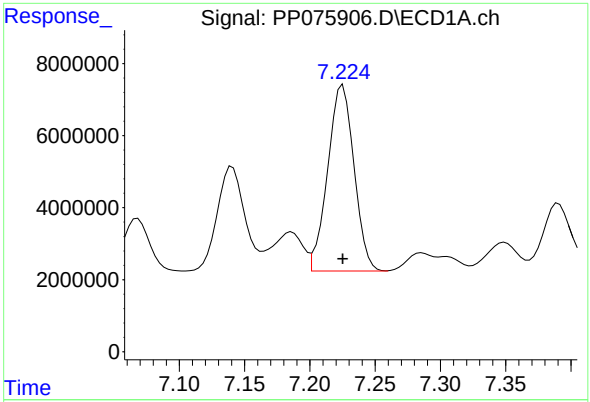
#27 AR-1254-2

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 69427935
Conc: 751.68 ng/ml



#27 AR-1254-2

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 372619097
Conc: 745.04 ng/ml



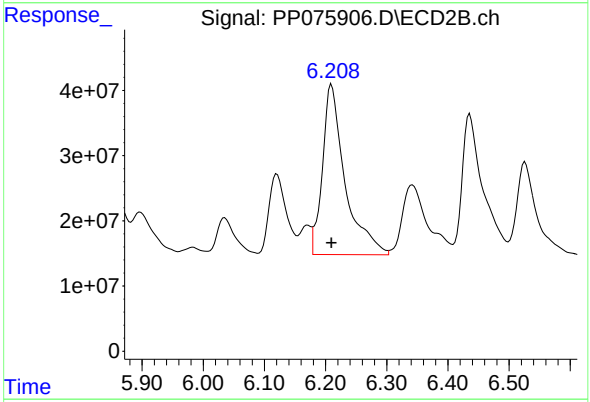
#28 AR-1254-3

R.T.: 7.225 min
Delta R.T.: 0.000 min
Response: 72675518
Conc: 755.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

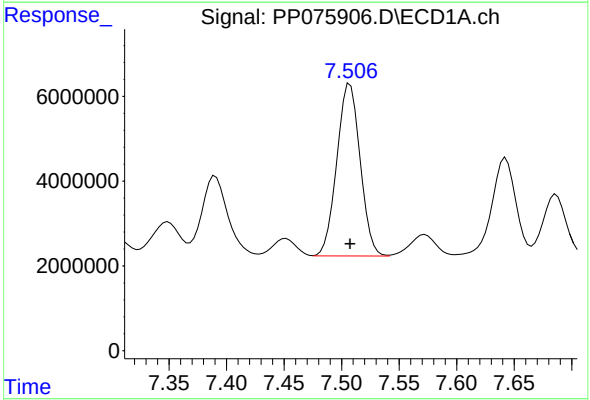
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



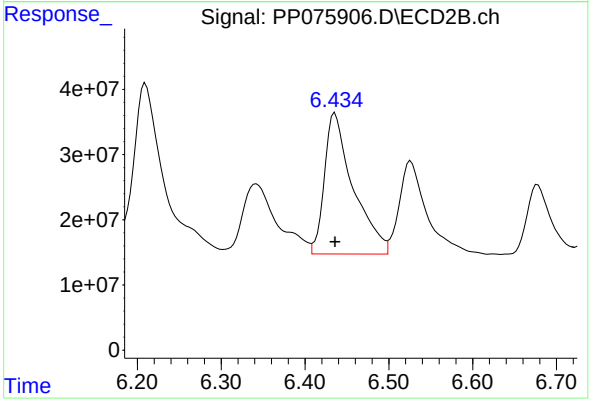
#28 AR-1254-3

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 670194370
Conc: 757.97 ng/ml



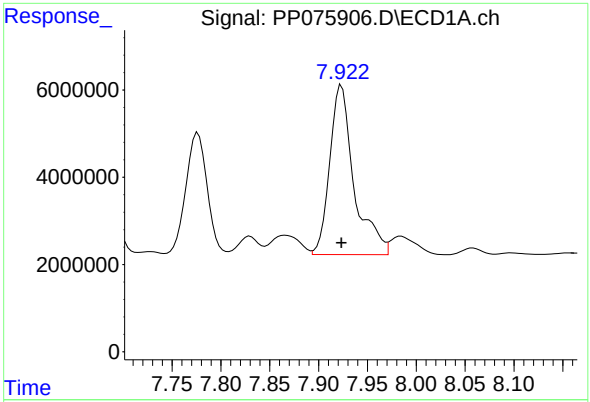
#29 AR-1254-4

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 57517400
Conc: 752.79 ng/ml



#29 AR-1254-4

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 515383611
Conc: 766.59 ng/ml



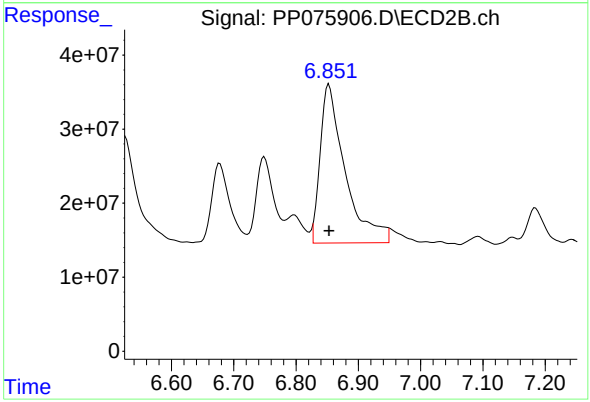
#30 AR-1254-5

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 67290078
Conc: 754.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#30 AR-1254-5

R.T.: 6.851 min
Delta R.T.: -0.001 min
Response: 595394733
Conc: 785.34 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:35
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 15:24:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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...	4.647	3.785	79163213	383.8E6	50.000	50.000
2)	SA Decachlor...	10.424	8.785	64802936	486.9E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.648	5.663	39135010	302.7E6	480.703m	500.000
27)	L6 AR-1254-2	6.866	5.810	48334685	259.6E6	500.000	500.000
28)	L6 AR-1254-3	7.228	6.212	49893996	446.1E6	500.000	500.000
29)	L6 AR-1254-4	7.510	6.438	39695143	336.6E6	500.000	500.000
30)	L6 AR-1254-5	7.926	6.854	46126096	359.1E6	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:35
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

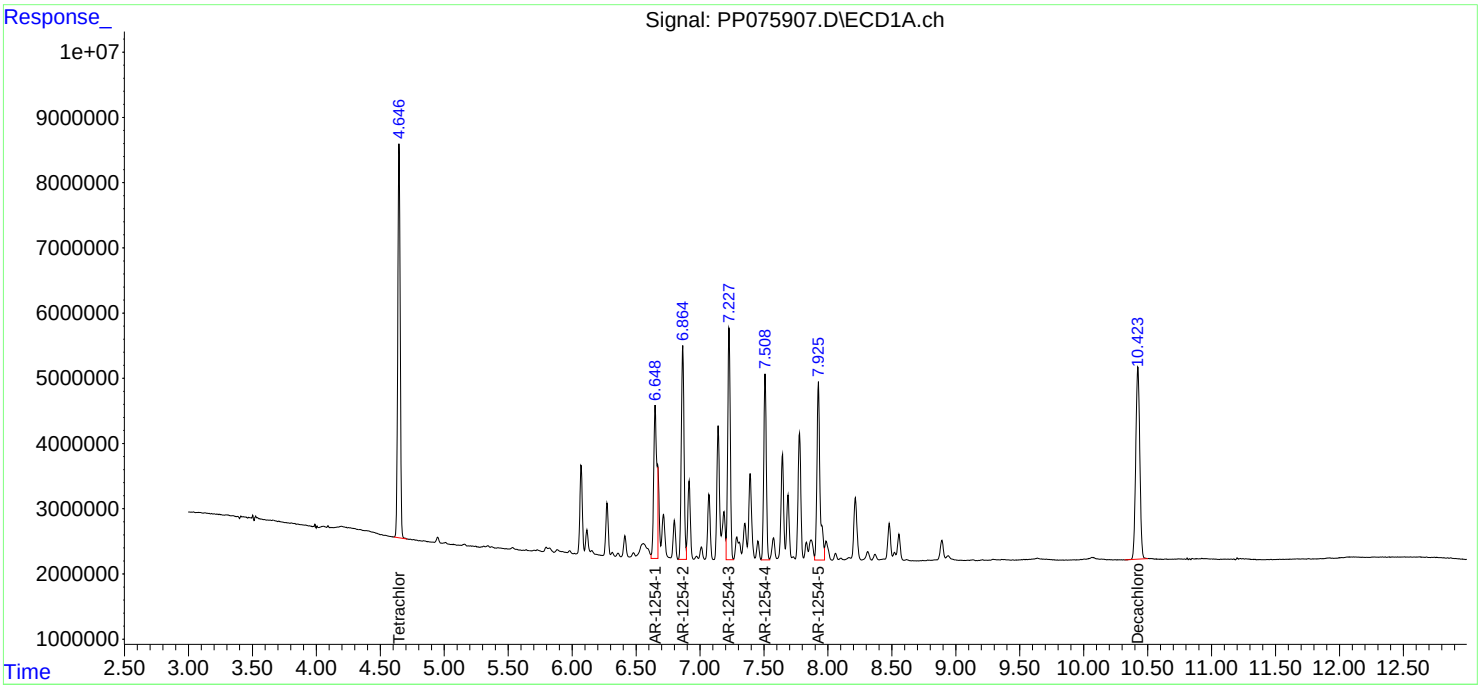
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

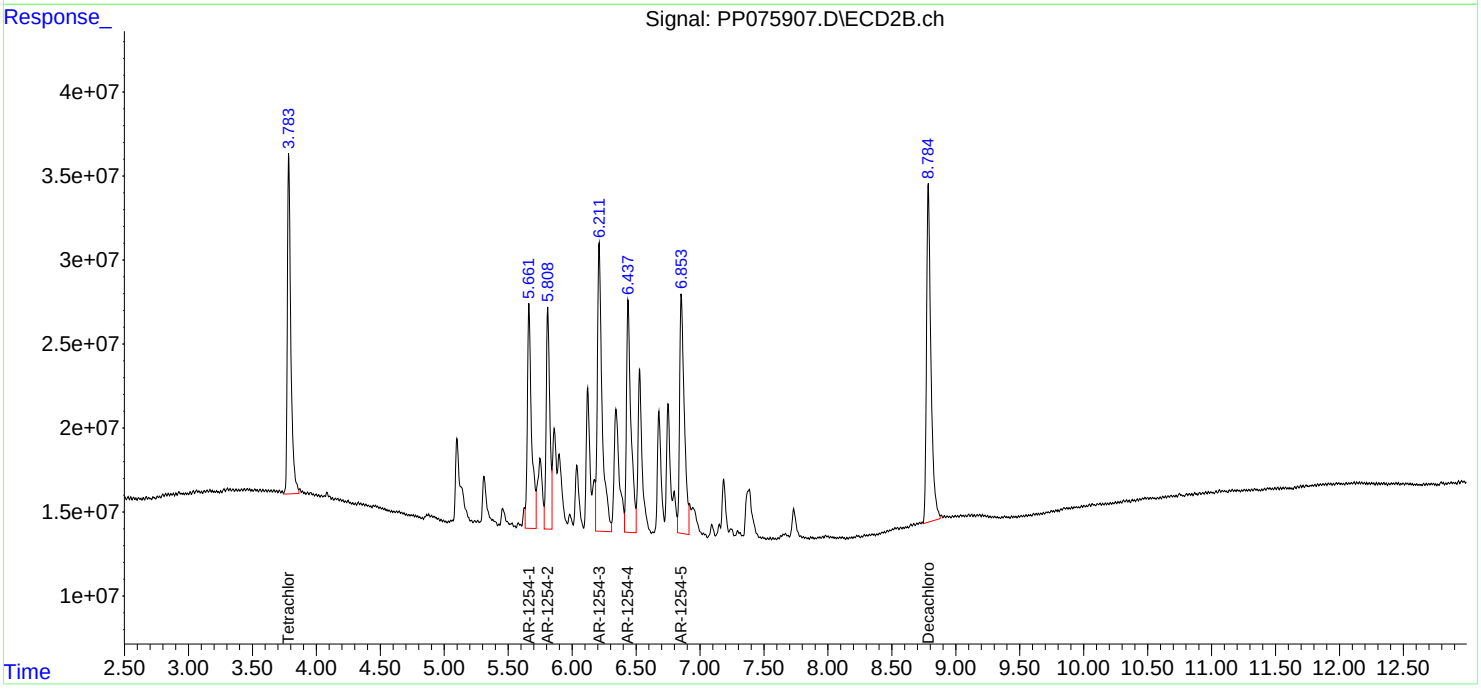
Manual Integrations APPROVED

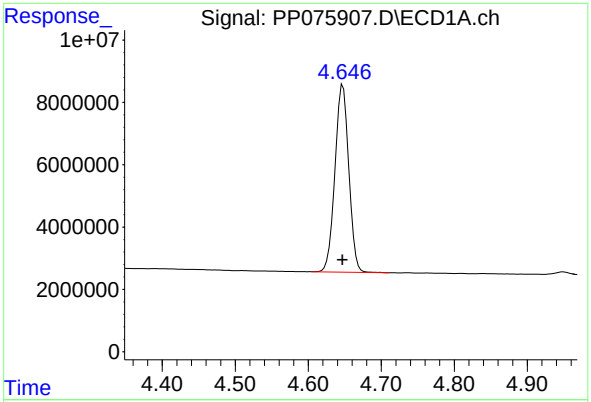
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 15:24:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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







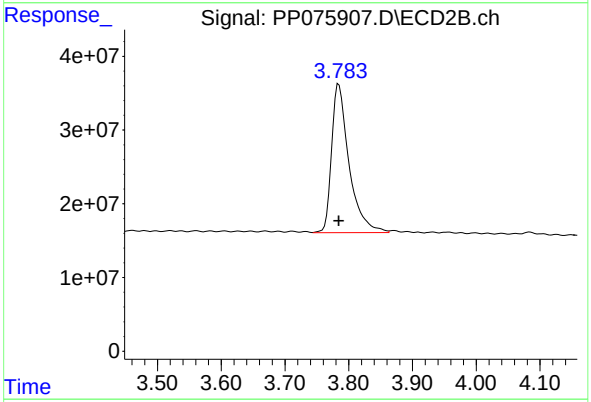
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 79163213
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

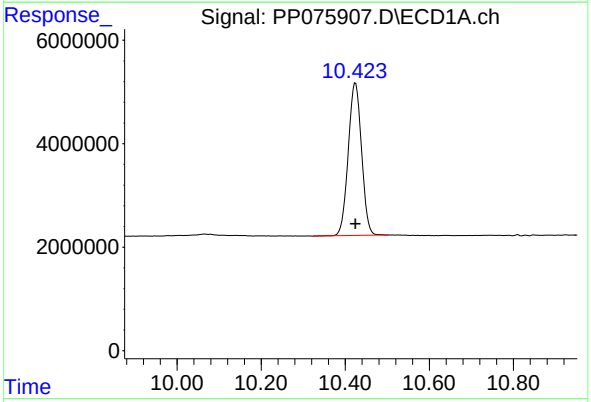
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



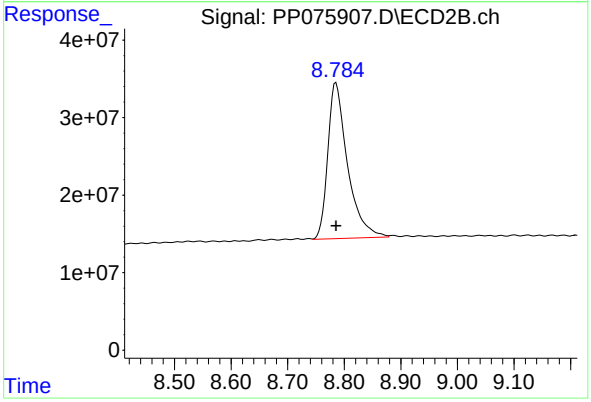
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 383795177
Conc: 50.00 ng/ml



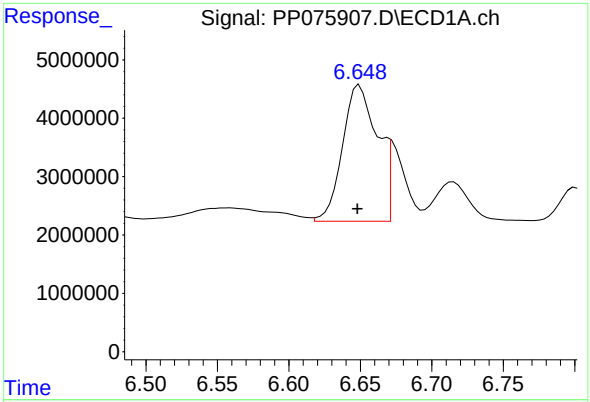
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 64802936
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 486859913
Conc: 50.00 ng/ml



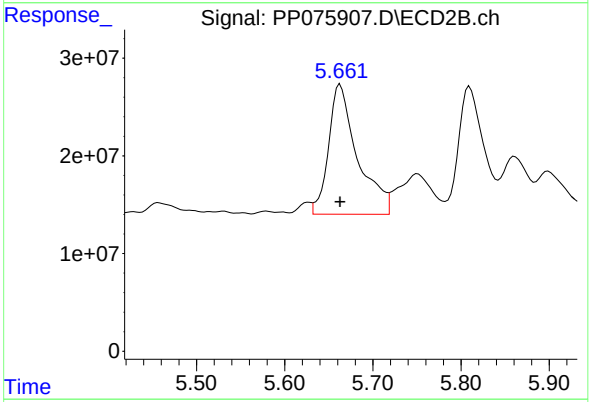
#26 AR-1254-1

R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 39135010
Conc: 480.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

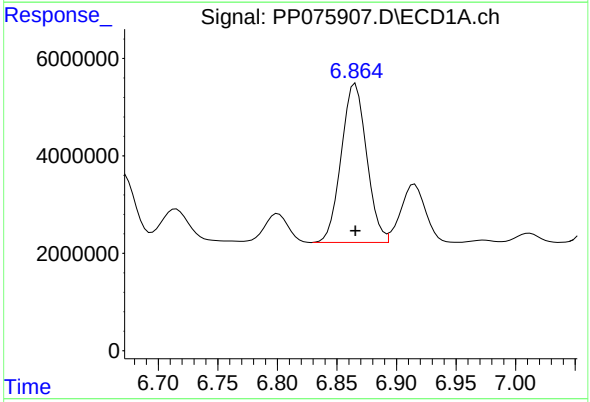
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



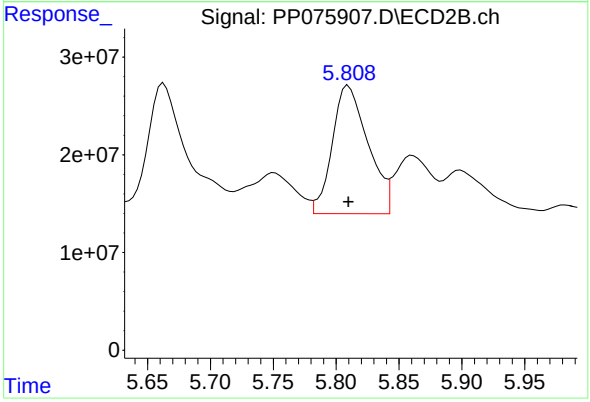
#26 AR-1254-1

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 302733264
Conc: 500.00 ng/ml



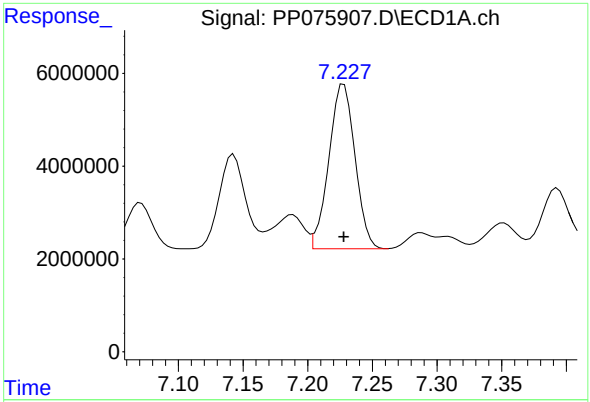
#27 AR-1254-2

R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 48334685
Conc: 500.00 ng/ml



#27 AR-1254-2

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 259620132
Conc: 500.00 ng/ml



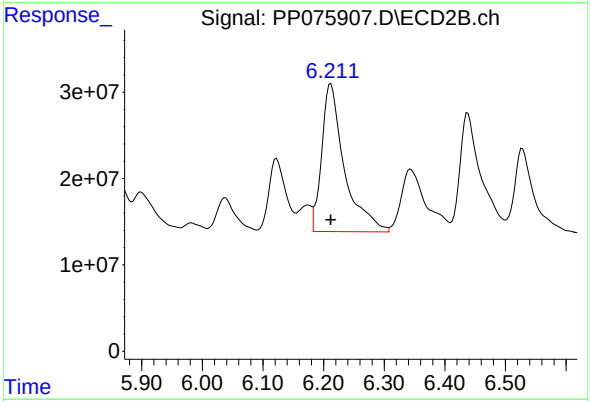
#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 49893996
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

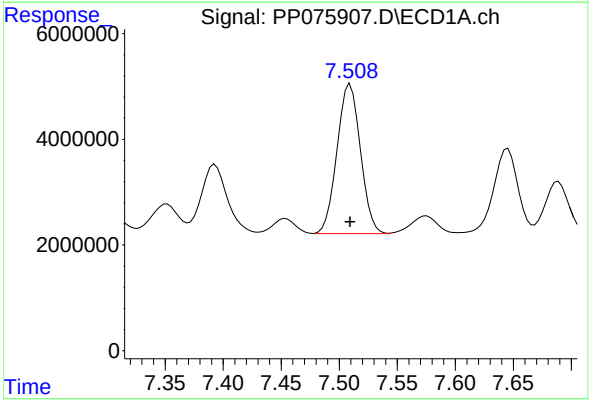
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



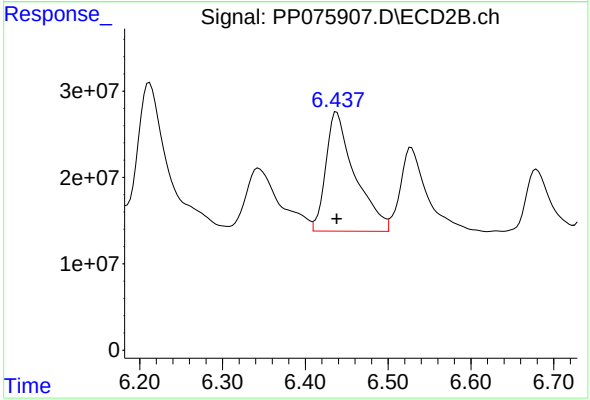
#28 AR-1254-3

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 446117931
Conc: 500.00 ng/ml



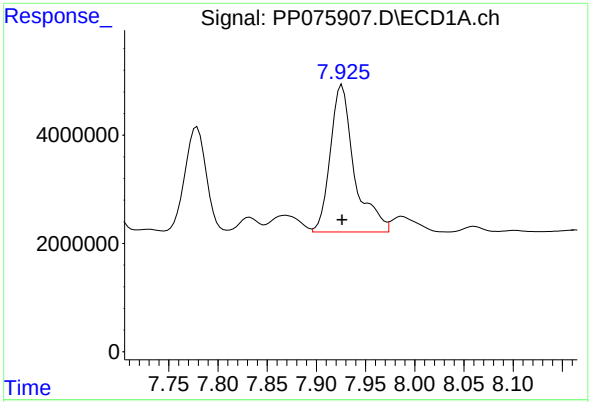
#29 AR-1254-4

R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 39695143
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 336566136
Conc: 500.00 ng/ml



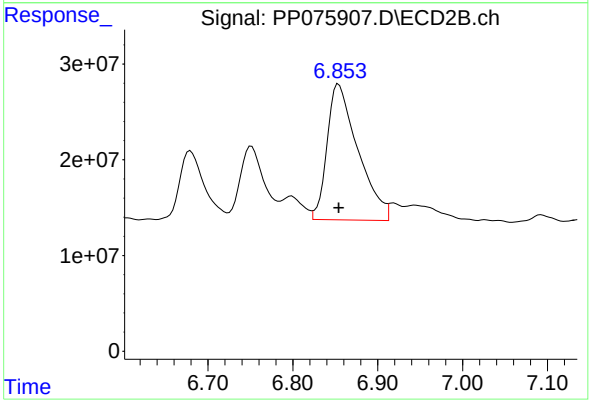
#30 AR-1254-5

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 46126096
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#30 AR-1254-5

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 359055575
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:51
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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...	4.646	3.784	40353962	181.6E6	25.803	24.079
2)	SA Decachlor...	10.422	8.784	33314499	235.8E6	26.290	24.742
	Target Compounds						
26)	L6 AR-1254-1	6.647	5.662	20616230	146.6E6	278.580m	248.519
27)	L6 AR-1254-2	6.864	5.809	25702390	128.2E6	270.622	254.691
28)	L6 AR-1254-3	7.226	6.210	26497010	218.4E6	268.520	247.733
29)	L6 AR-1254-4	7.508	6.436	20991838	159.2E6	268.108	239.944
30)	L6 AR-1254-5	7.925	6.853	23753414	169.8E6	262.160	233.749

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:51
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

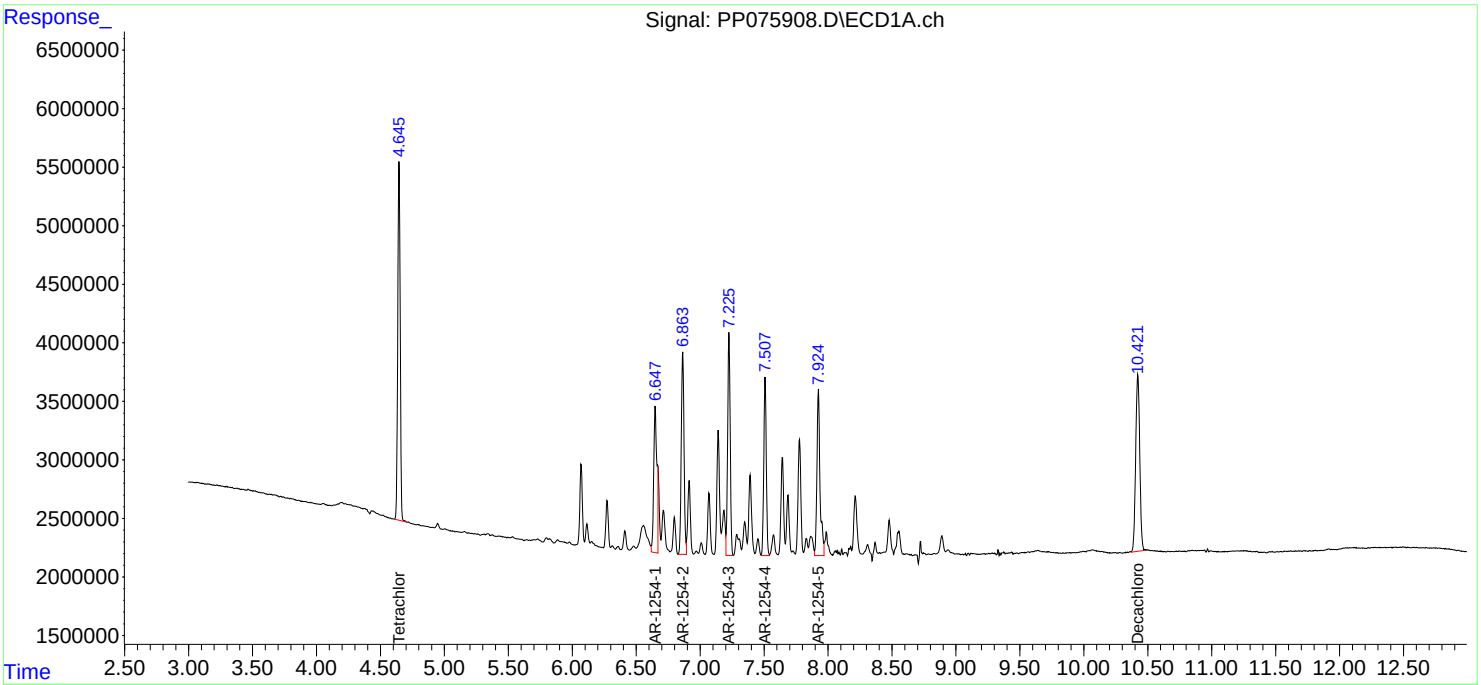
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

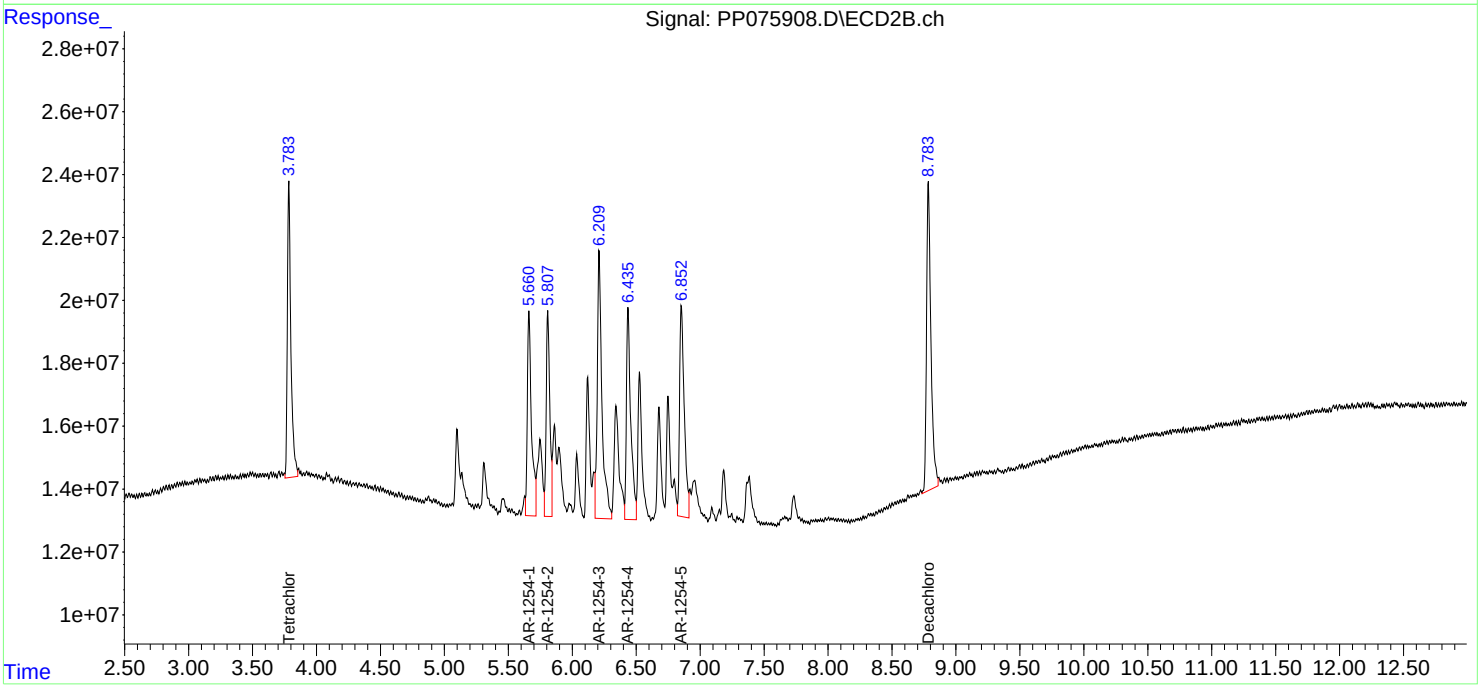
Manual Integrations APPROVED

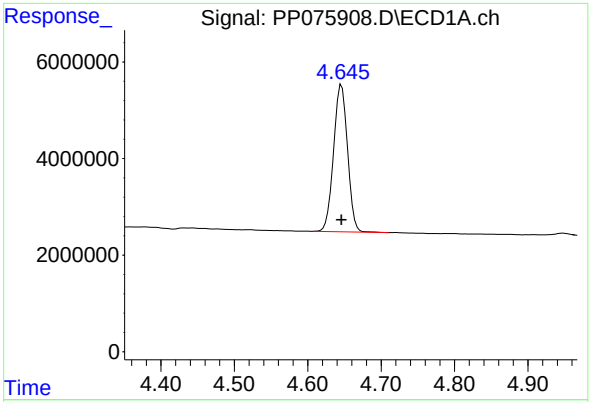
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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







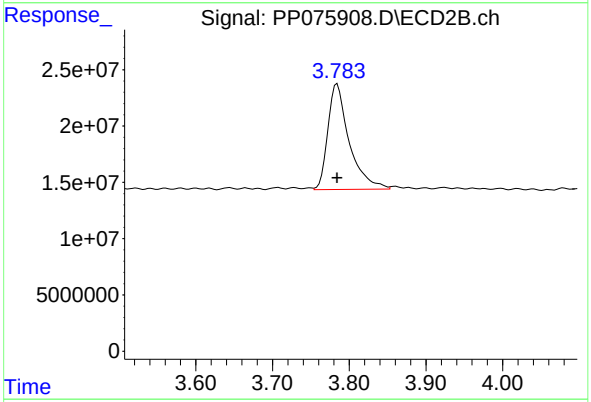
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 40353962
Conc: 25.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

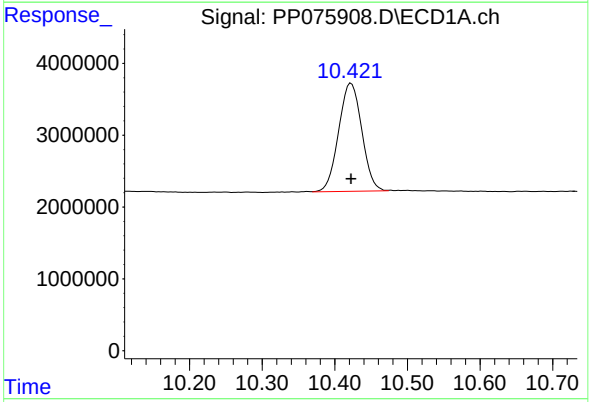
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



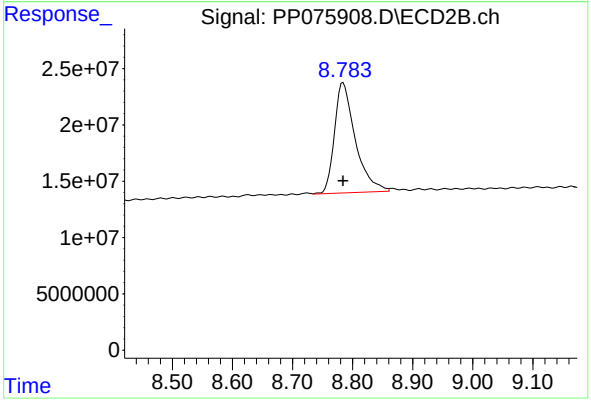
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 181599269
Conc: 24.08 ng/ml



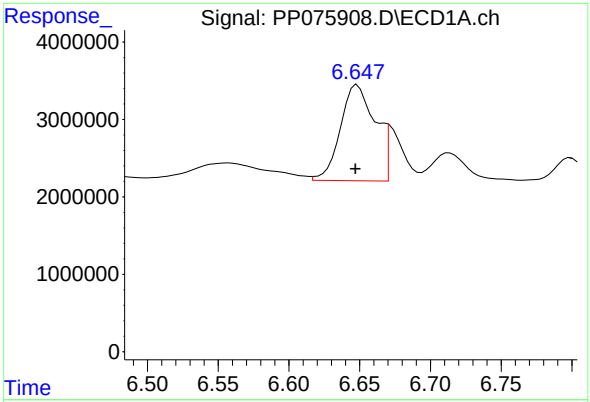
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 33314499
Conc: 26.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 235756165
Conc: 24.74 ng/ml



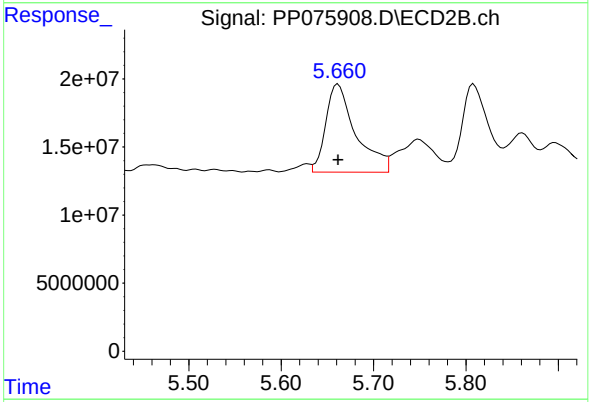
#26 AR-1254-1

R.T.: 6.647 min
Delta R.T.: 0.000 min
Response: 20616230
Conc: 278.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

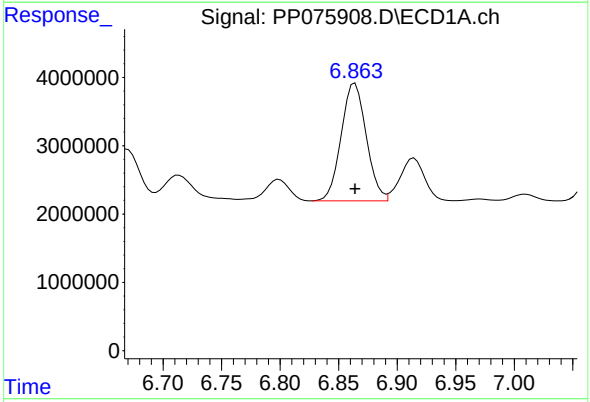
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



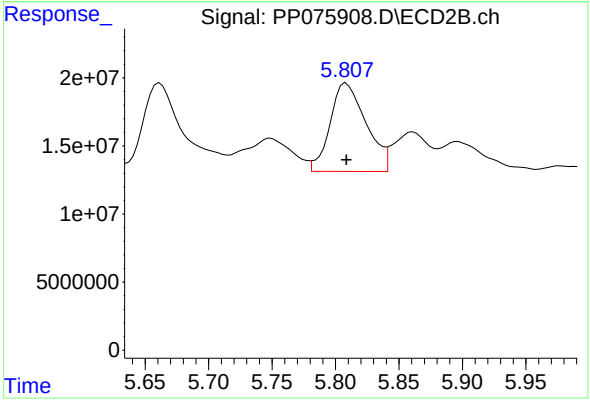
#26 AR-1254-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 146620080
Conc: 248.52 ng/ml



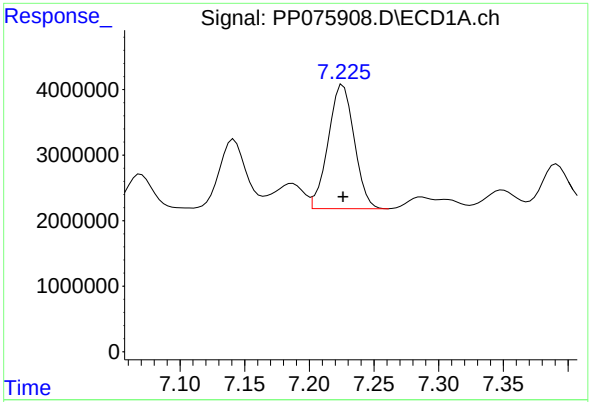
#27 AR-1254-2

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 25702390
Conc: 270.62 ng/ml



#27 AR-1254-2

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 128180993
Conc: 254.69 ng/ml



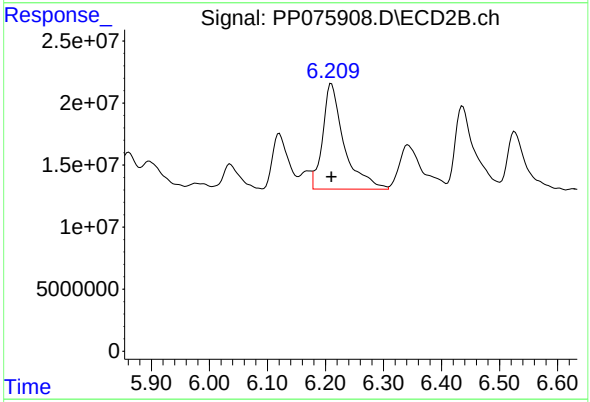
#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 26497010
Conc: 268.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

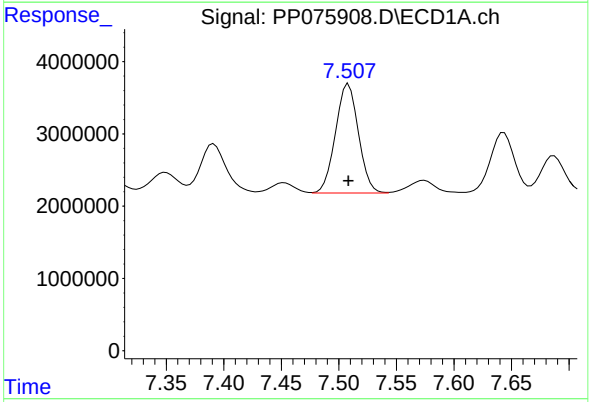
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



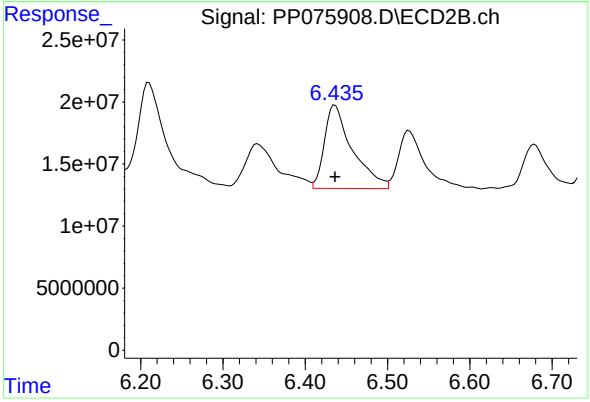
#28 AR-1254-3

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 218385242
Conc: 247.73 ng/ml



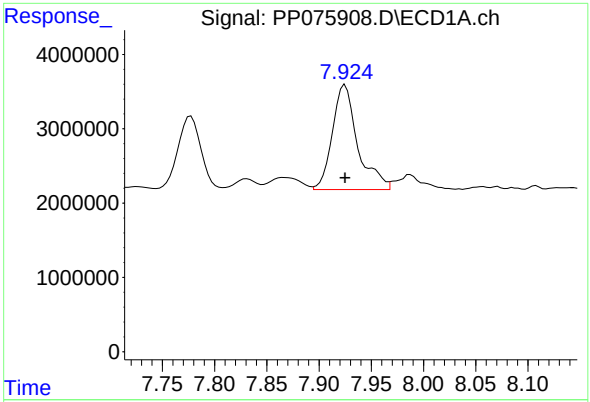
#29 AR-1254-4

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 20991838
Conc: 268.11 ng/ml



#29 AR-1254-4

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 159181478
Conc: 239.94 ng/ml



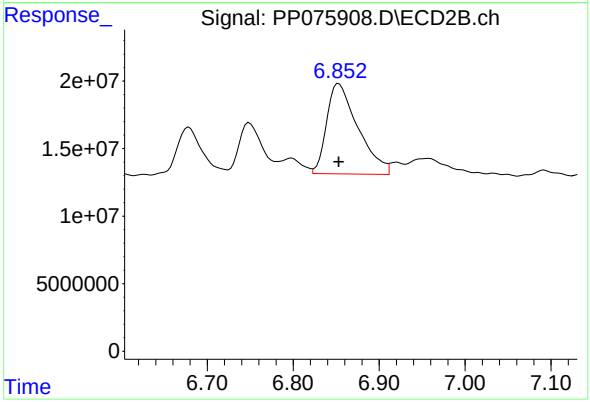
#30 AR-1254-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 23753414
Conc: 262.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#30 AR-1254-5

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 169830860
Conc: 233.75 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:07
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:12:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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...	4.642	3.780	8604114	35027317	5.393	4.744	m
2)	SA Decachlor...	10.419	8.782	7574299	50050602	5.752	5.200	
	Target Compounds							
26)	L6 AR-1254-1	6.644	5.659	5028603	23004893	64.906	40.789	#
27)	L6 AR-1254-2	6.860	5.807	6001024	31864124	60.020	60.390	
28)	L6 AR-1254-3	7.222	6.206	6253065	36465652	60.152	42.846	#
29)	L6 AR-1254-4	7.504	6.433	5244227	24763386	62.720	39.321	#
30)	L6 AR-1254-5	7.921	6.850	4771352	34659929	52.106	48.147	

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:07
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

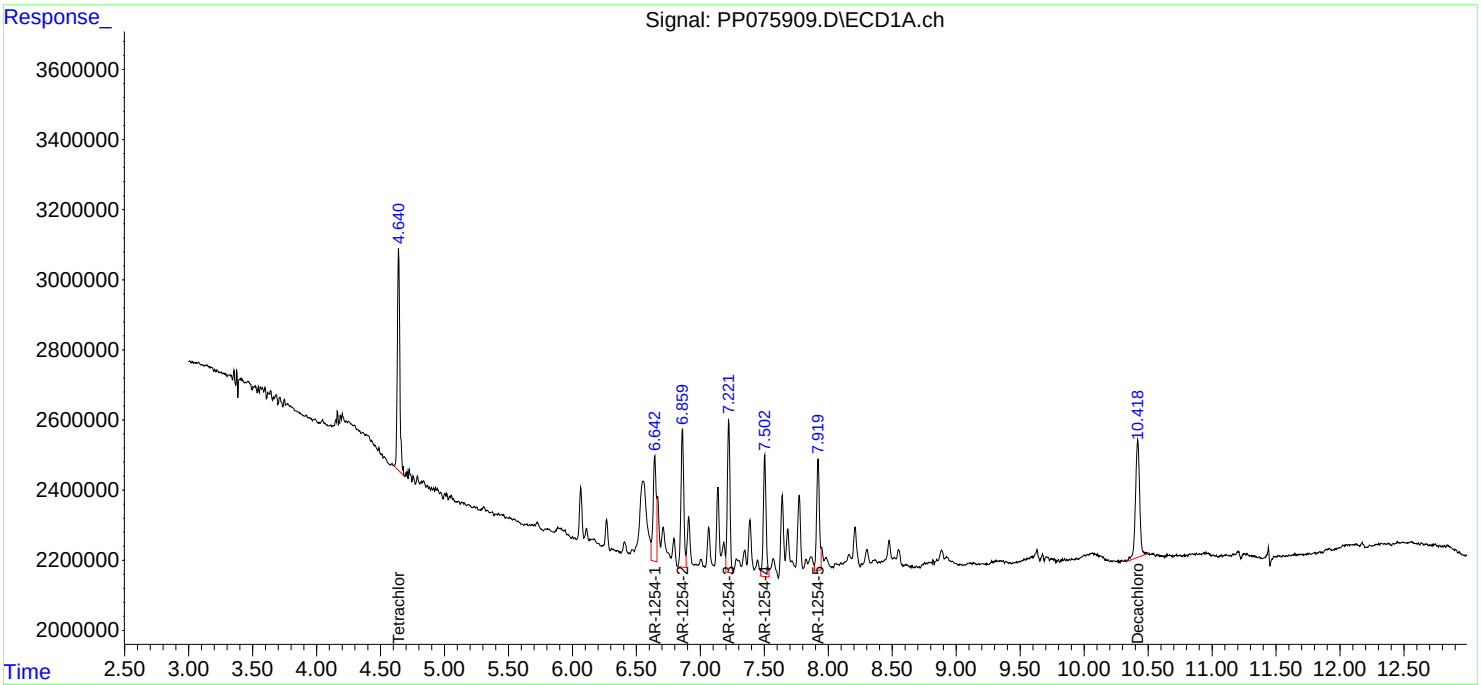
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

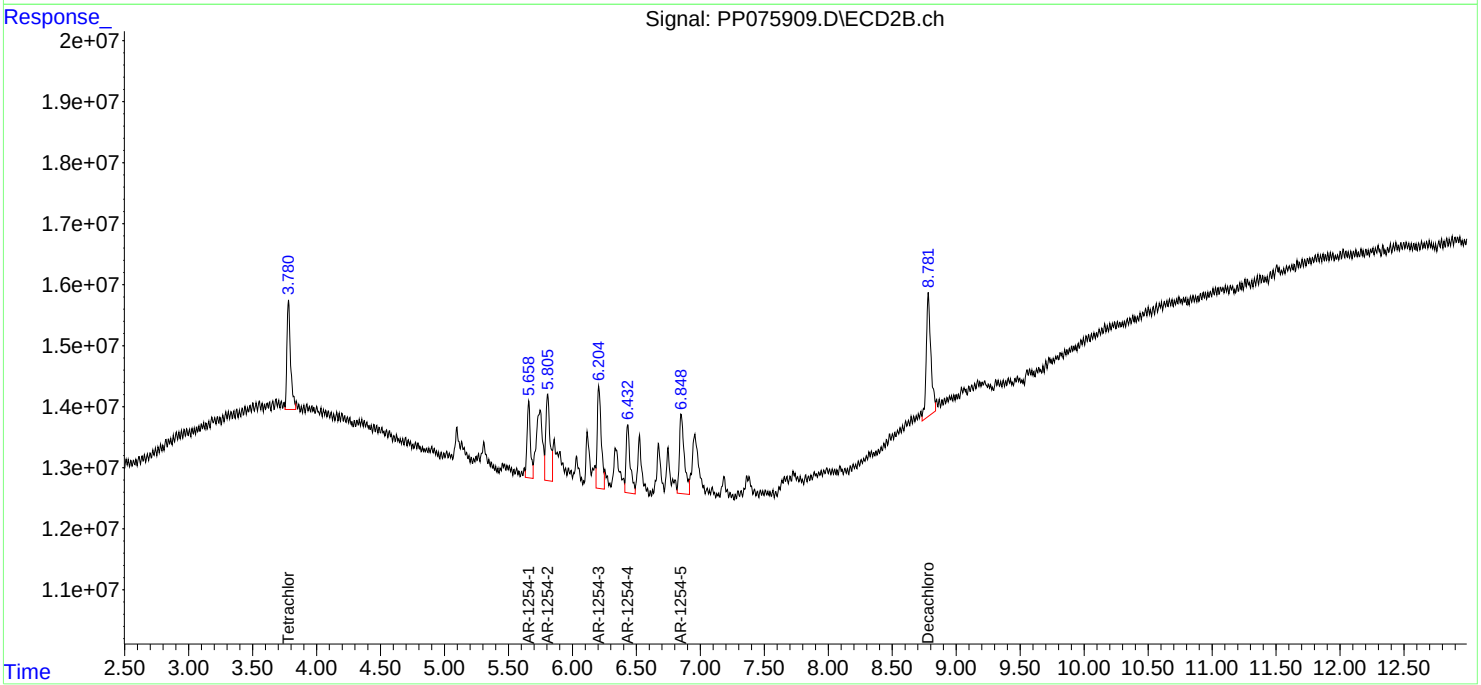
Manual Integrations APPROVED

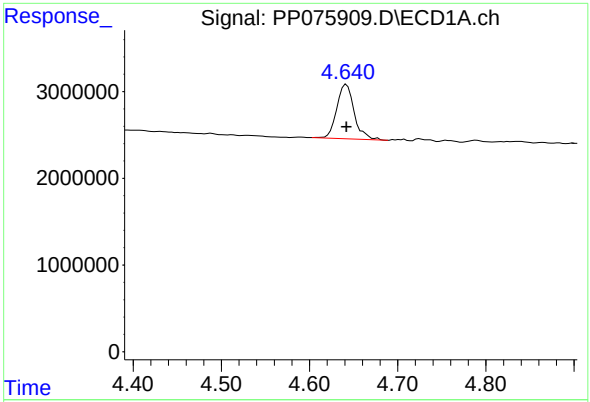
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:12:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 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







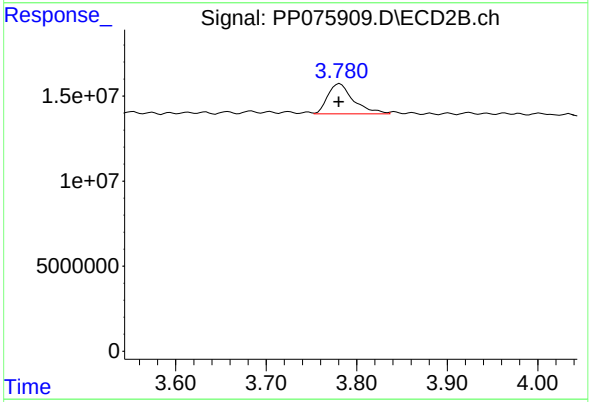
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 8604114
Conc: 5.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

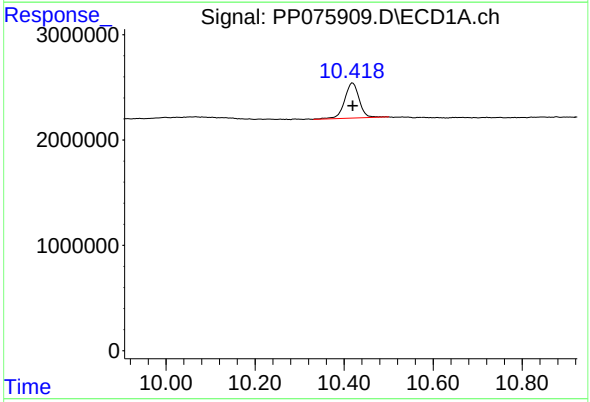
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



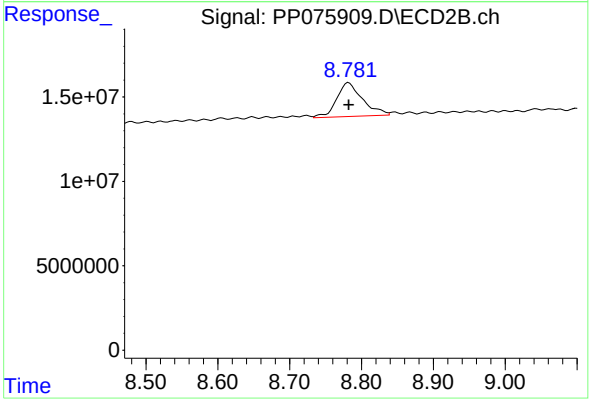
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 35027317
Conc: 4.74 ng/ml m



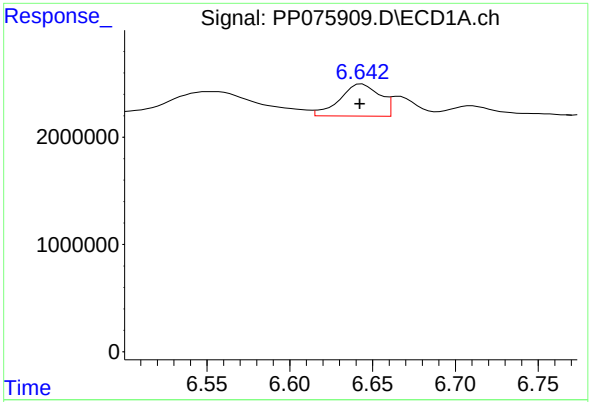
#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 7574299
Conc: 5.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 50050602
Conc: 5.20 ng/ml



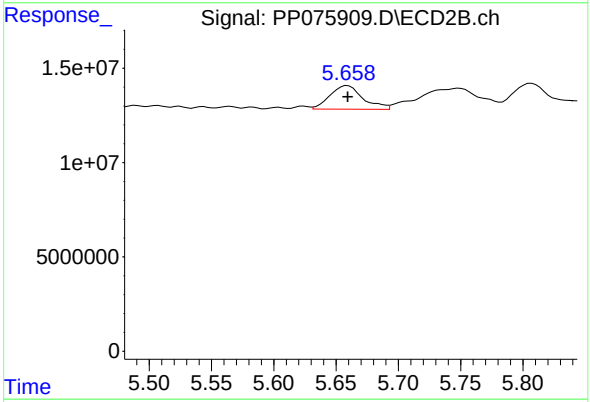
#26 AR-1254-1

R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 5028603
Conc: 64.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

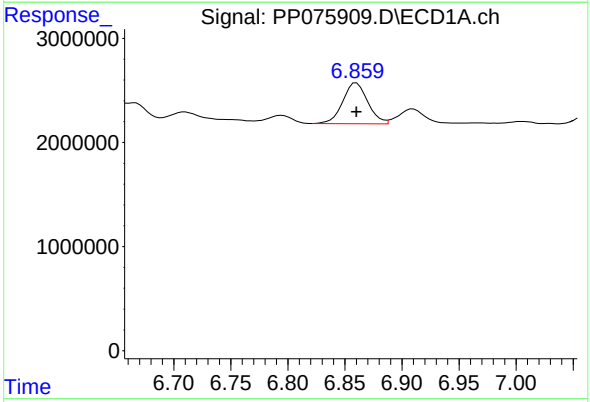
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



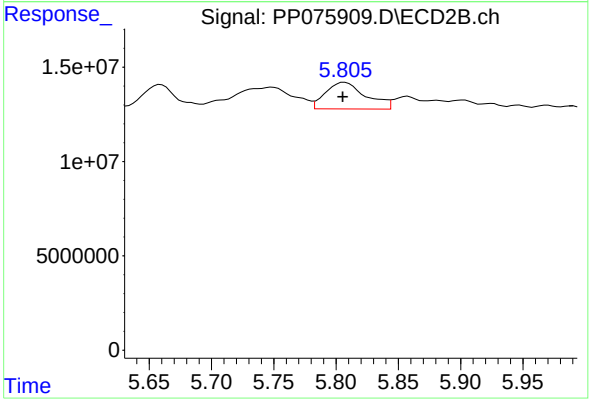
#26 AR-1254-1

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 23004893
Conc: 40.79 ng/ml



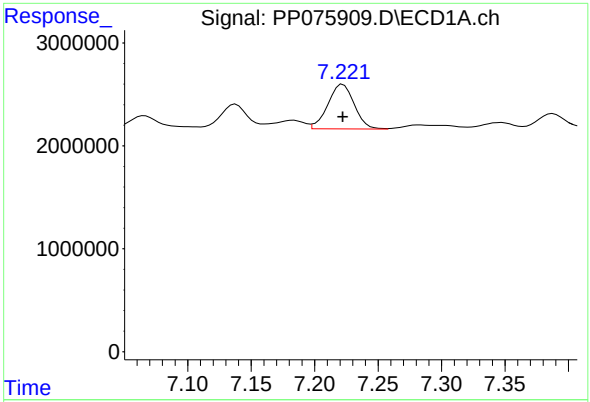
#27 AR-1254-2

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 6001024
Conc: 60.02 ng/ml



#27 AR-1254-2

R.T.: 5.807 min
Delta R.T.: 0.002 min
Response: 31864124
Conc: 60.39 ng/ml



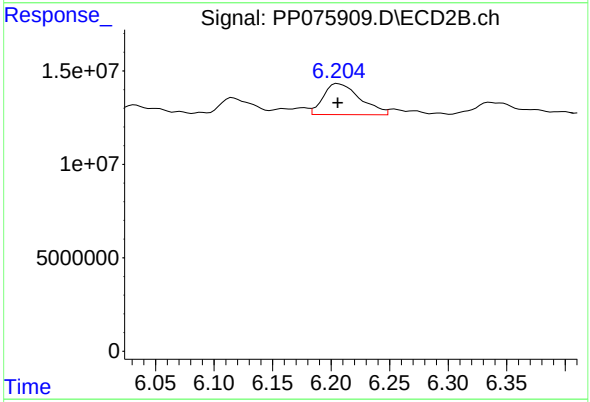
#28 AR-1254-3

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 6253065
Conc: 60.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

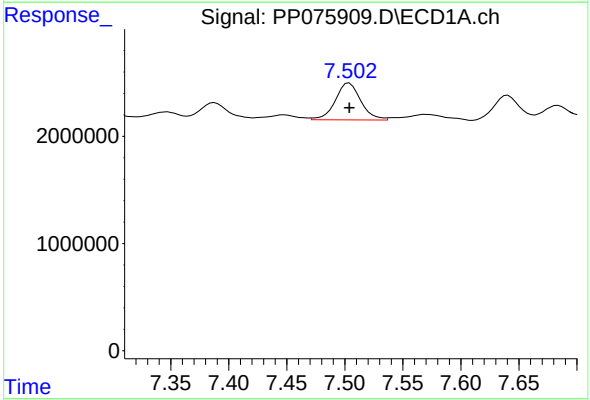
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



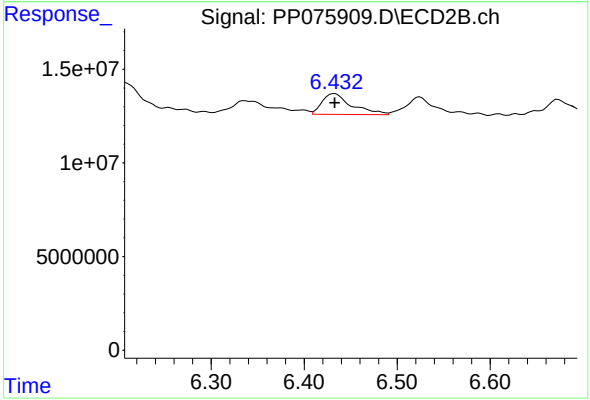
#28 AR-1254-3

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 36465652
Conc: 42.85 ng/ml



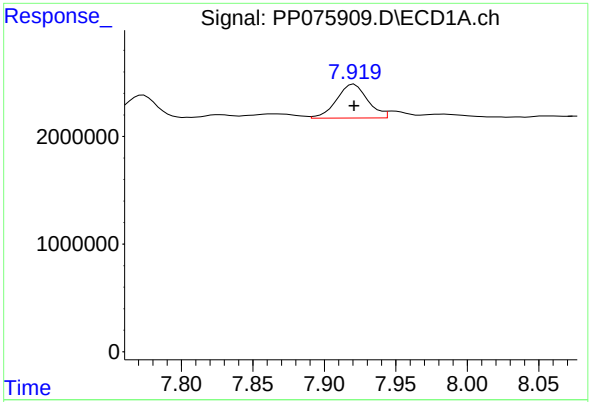
#29 AR-1254-4

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 5244227
Conc: 62.72 ng/ml



#29 AR-1254-4

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 24763386
Conc: 39.32 ng/ml



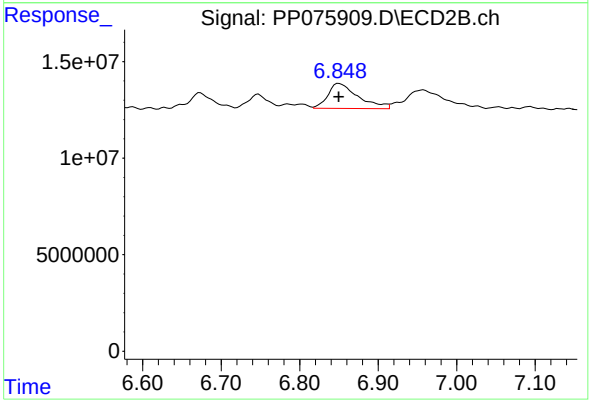
#30 AR-1254-5

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 4771352
Conc: 52.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



#30 AR-1254-5

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 34659929
Conc: 48.15 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:40
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:20:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.647	3.785	76058633	352.0E6	50.000	50.000
2)	SA Decachlor...	10.425	8.786	61011705	448.1E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.232	6.893	42013007	493.5E6	500.000	500.000
37)	L8 AR-1262-2	8.557	7.150	81834582	351.6E6	500.000	500.000
38)	L8 AR-1262-3	8.883	7.672	60893486	303.5E6	500.000	500.000
39)	L8 AR-1262-4	8.971	7.736	46055772	550.7E6	500.000	500.000
40)	L8 AR-1262-5	9.642	8.231	33912301	230.7E6	500.000	500.000

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

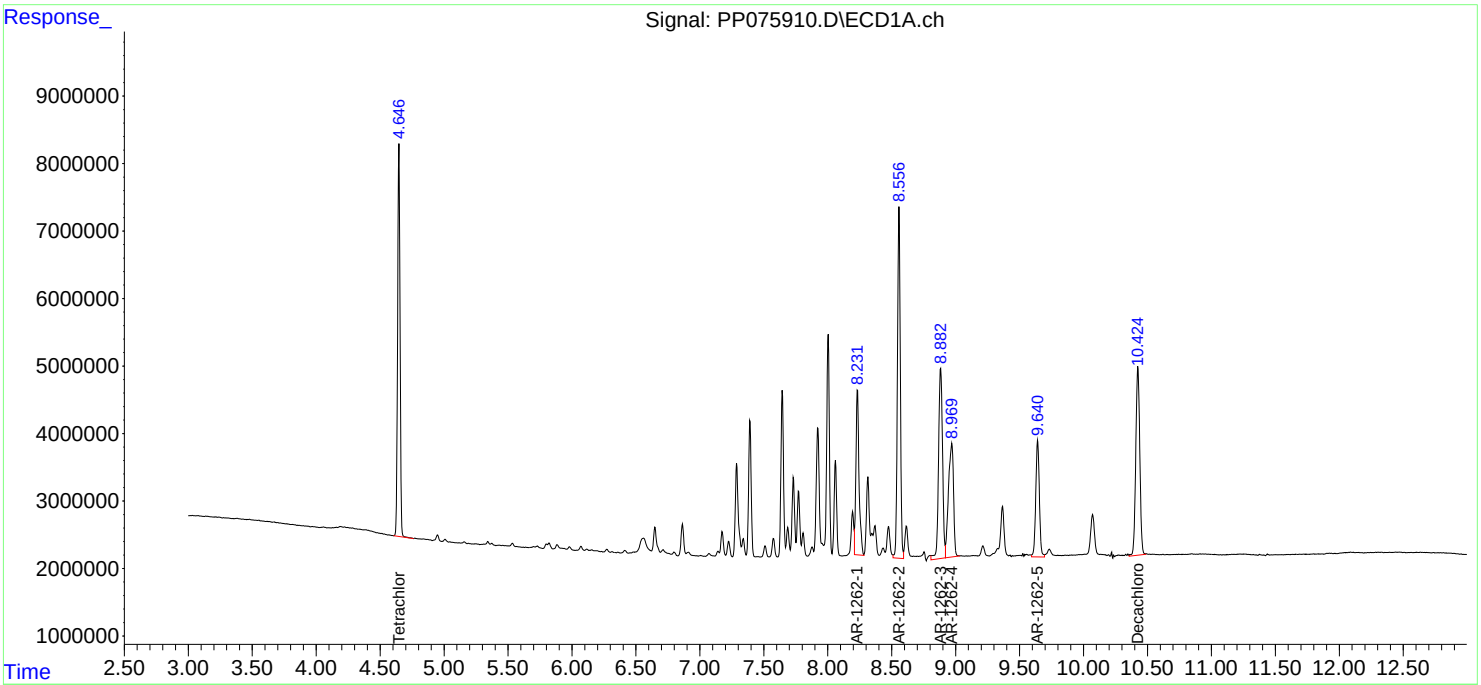
ICAL Form

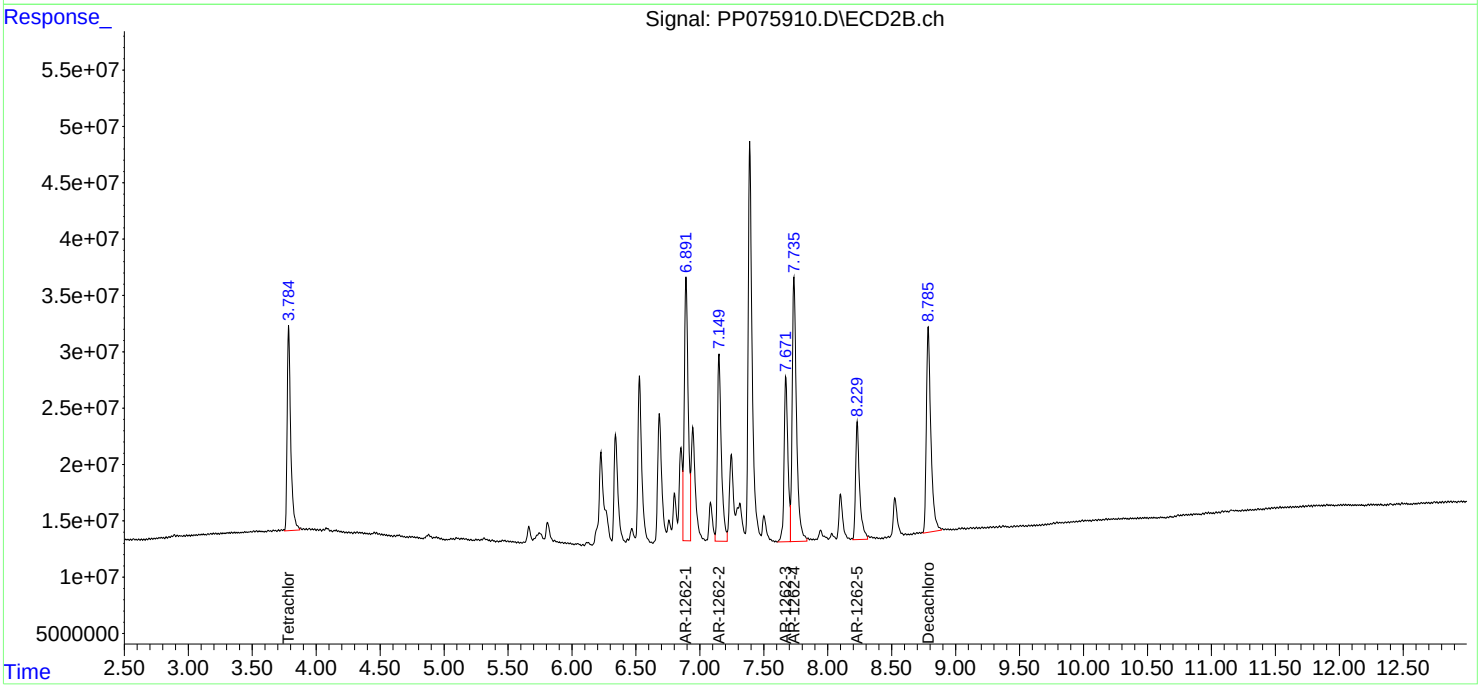
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:40
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

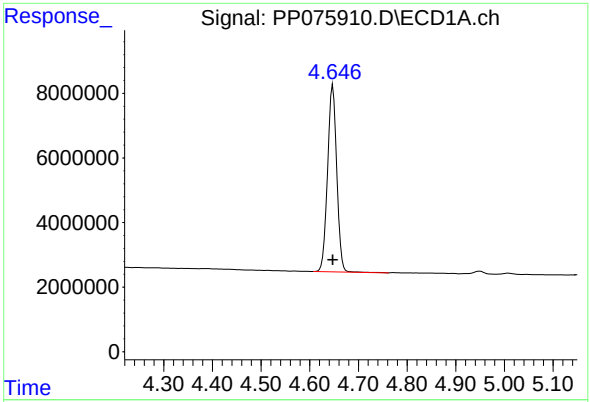
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:20:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



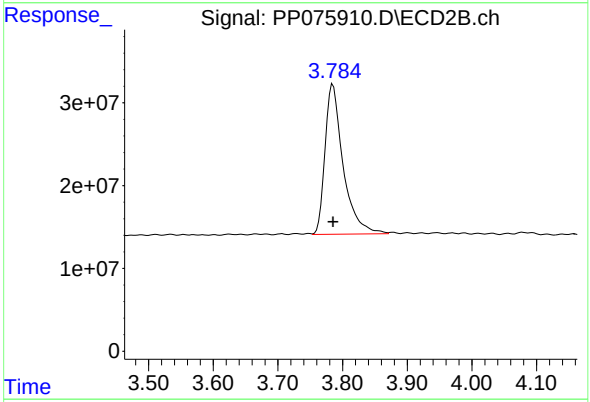




#1 Tetrachloro-m-xylene

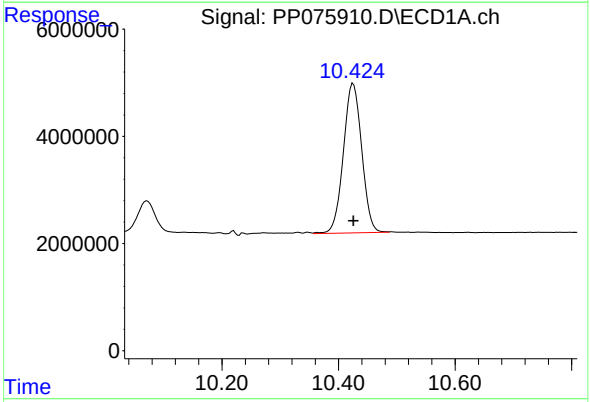
R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 76058633
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



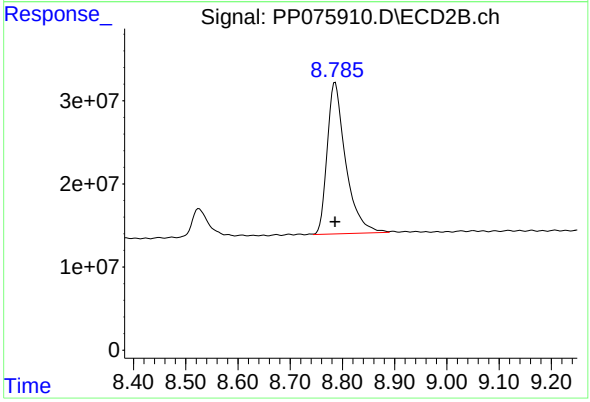
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 352032455
Conc: 50.00 ng/ml



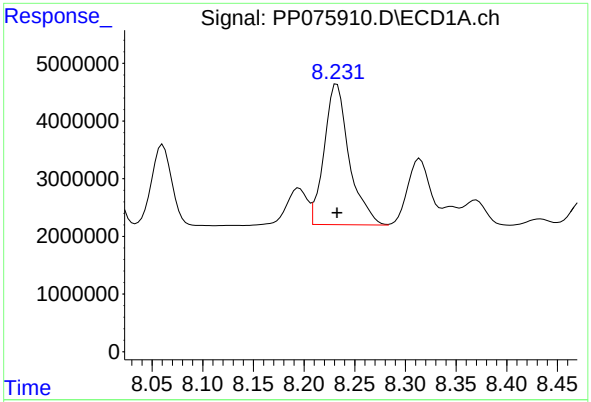
#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.000 min
Response: 61011705
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

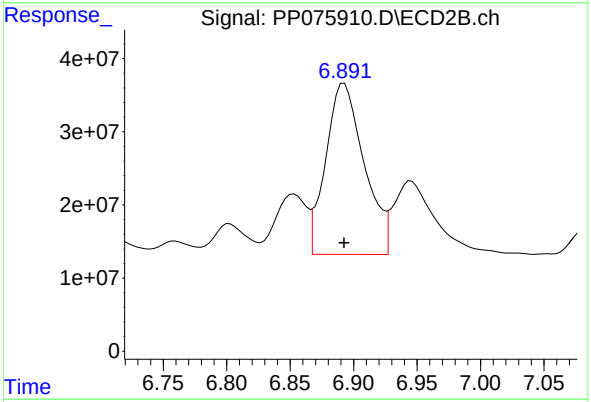
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 448136268
Conc: 50.00 ng/ml



#36 AR-1262-1

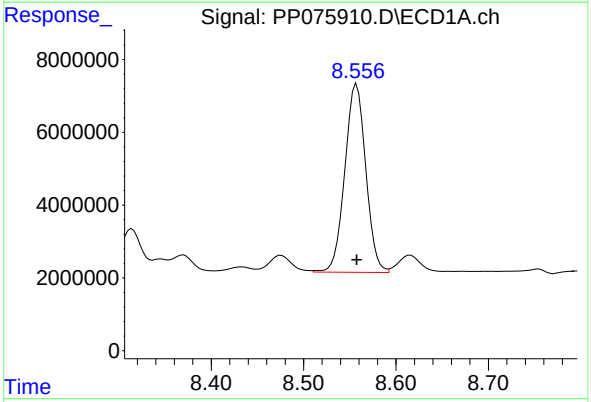
R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 42013007
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



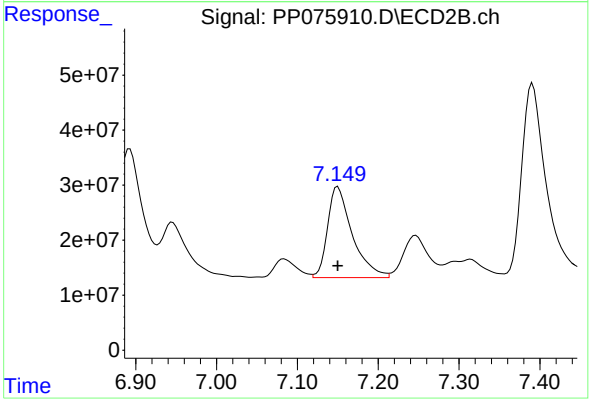
#36 AR-1262-1

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 493476067
Conc: 500.00 ng/ml



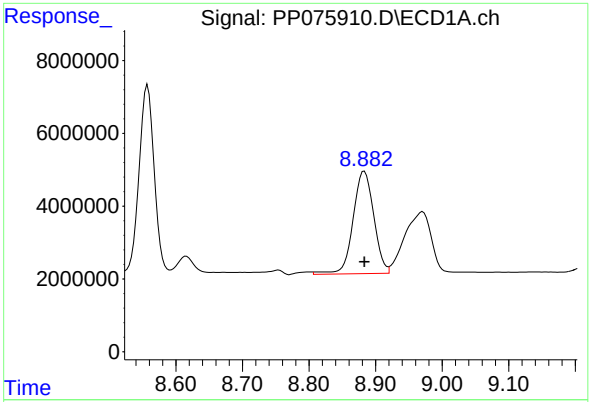
#37 AR-1262-2

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 81834582
Conc: 500.00 ng/ml



#37 AR-1262-2

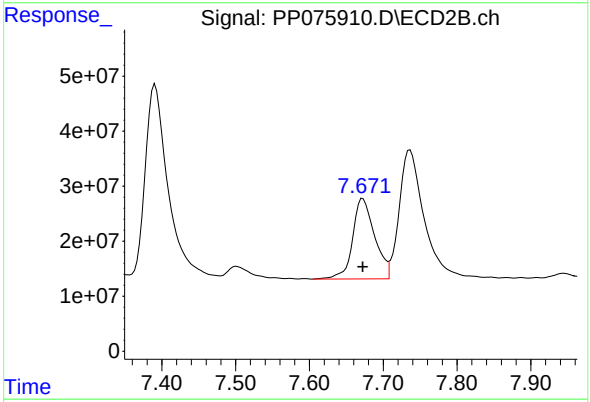
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 351603586
Conc: 500.00 ng/ml



#38 AR-1262-3

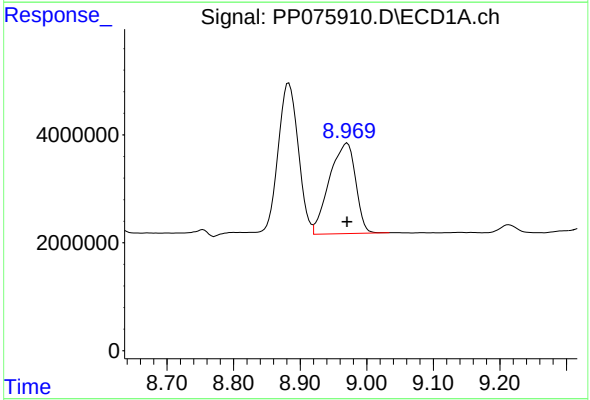
R.T.: 8.883 min
Delta R.T.: 0.000 min
Response: 60893486
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



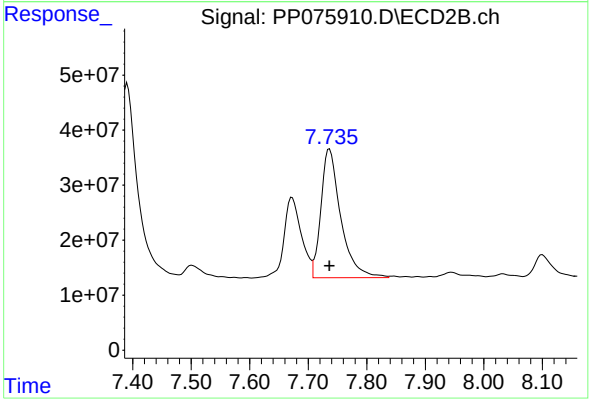
#38 AR-1262-3

R.T.: 7.672 min
Delta R.T.: 0.000 min
Response: 303480349
Conc: 500.00 ng/ml



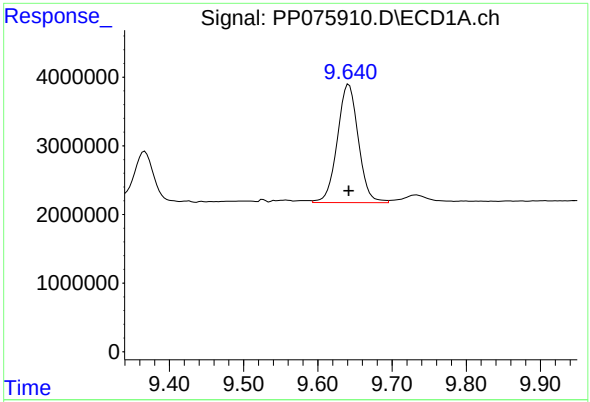
#39 AR-1262-4

R.T.: 8.971 min
Delta R.T.: 0.000 min
Response: 46055772
Conc: 500.00 ng/ml



#39 AR-1262-4

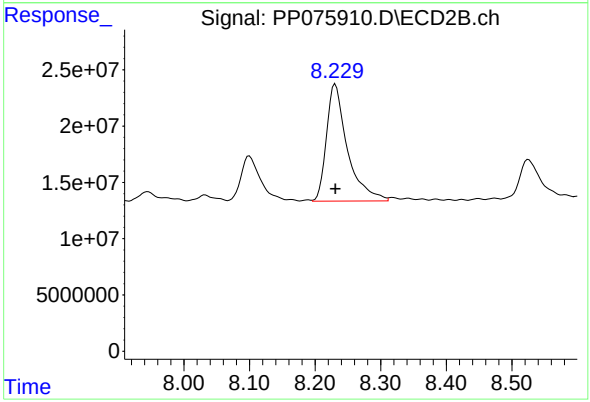
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 550668544
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.642 min
Delta R.T.: 0.000 min
Response: 33912301
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 230745763
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:56
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.784	151.5E6	749.9E6	97.157	99.641
2)	SA Decachlor...	10.424	8.785	198.8E6	1671.8E6	95.543	99.055
	Target Compounds						
41)	L9 AR-1268-1	8.878	7.673	186.7E6	1831.6E6	951.896	992.615
42)	L9 AR-1268-2	8.973	7.737	172.5E6	1800.4E6	956.477	1001.376
43)	L9 AR-1268-3	9.213	7.944	145.2E6	1369.8E6	961.447	988.116
44)	L9 AR-1268-4	9.640	8.230	71036137	542.8E6	963.668	1002.321
45)	L9 AR-1268-5	10.071	8.526	446.4E6	3855.5E6	968.612	979.920

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

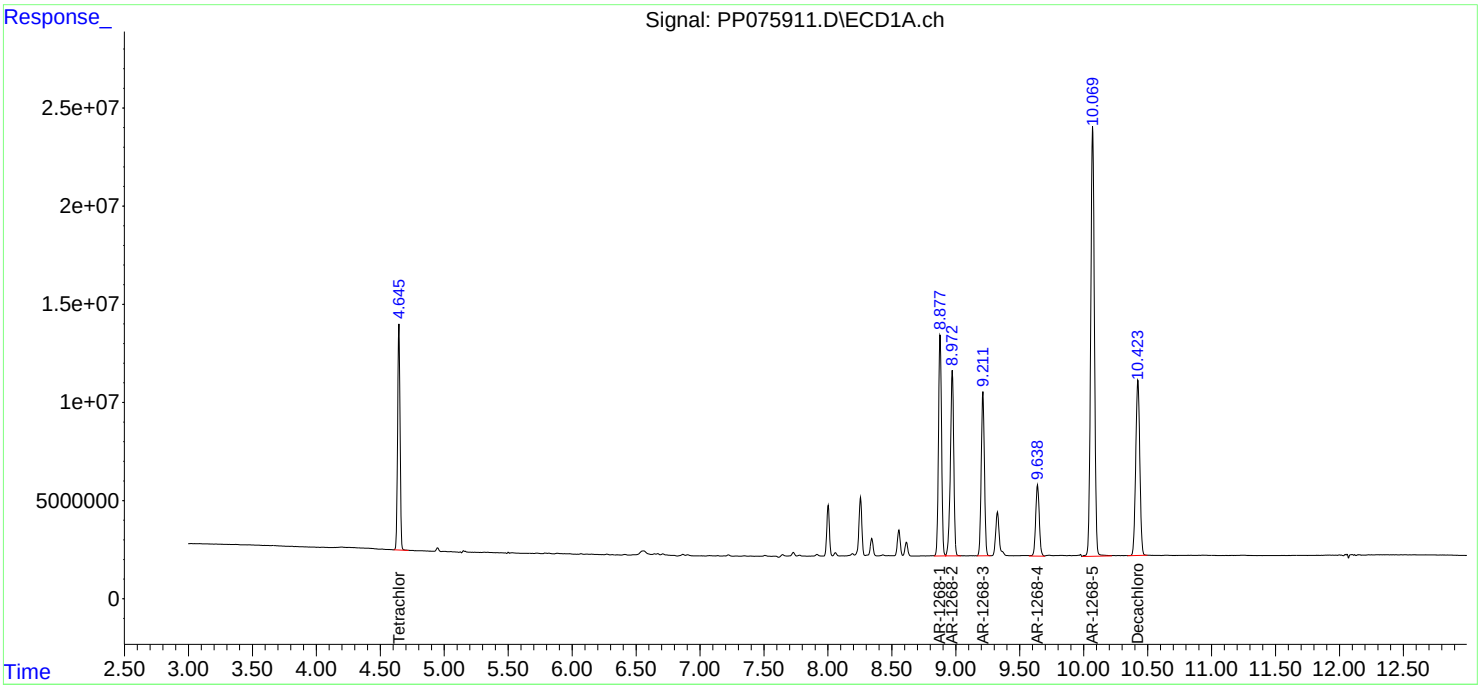
ICAL Form

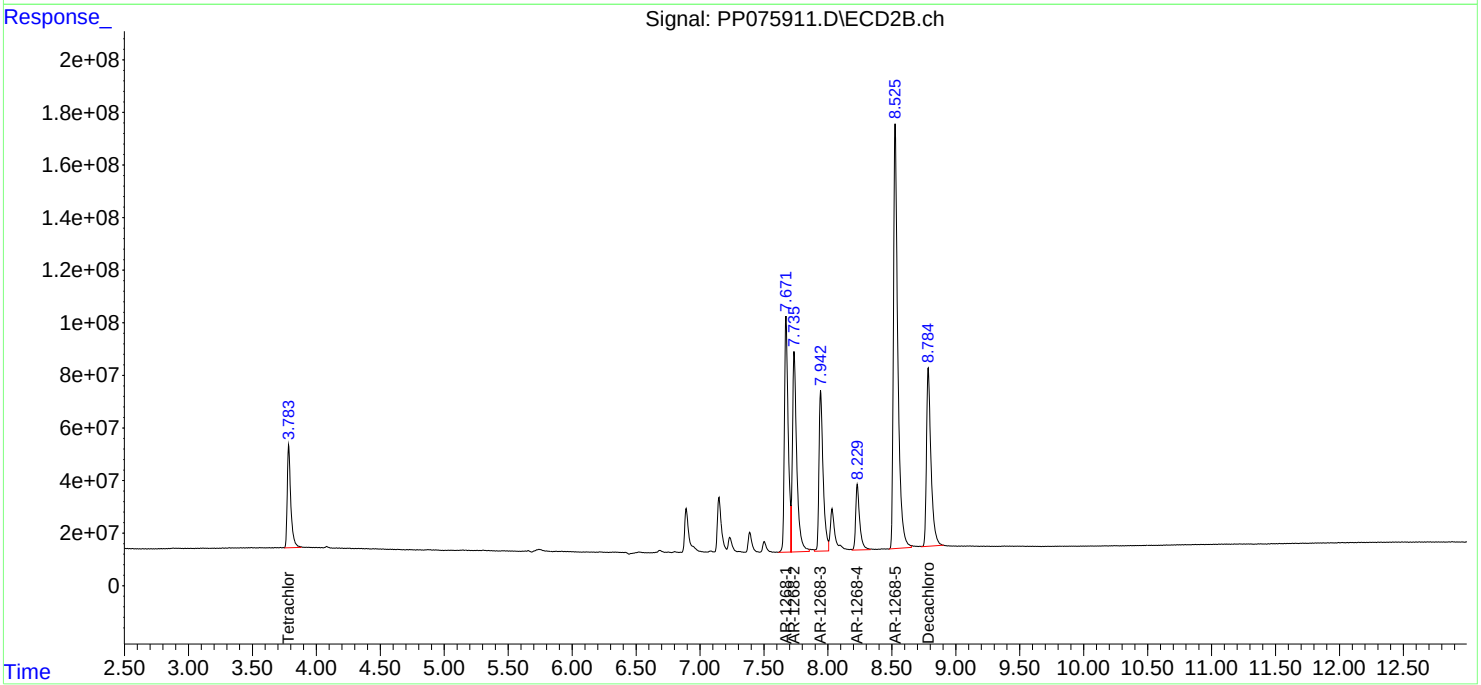
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:56
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

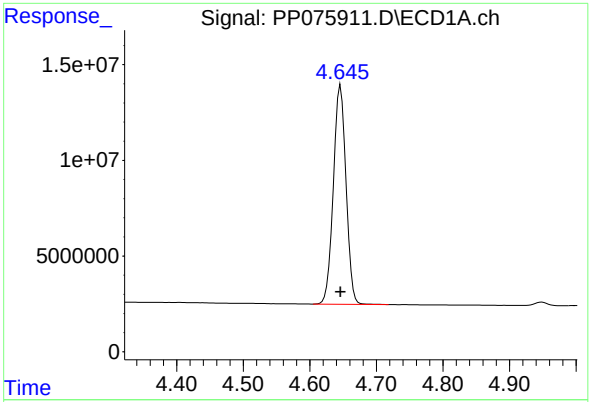
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



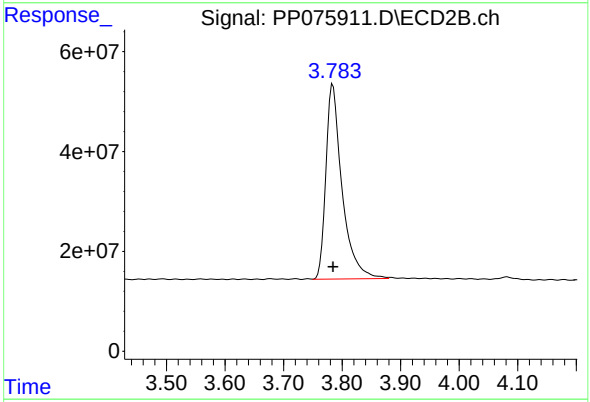




#1 Tetrachloro-m-xylene

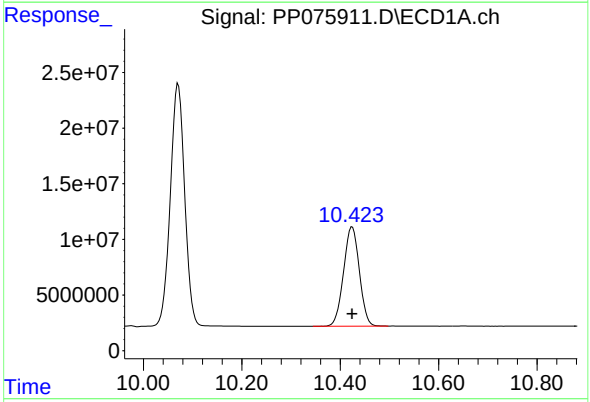
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 151508304
Conc: 97.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



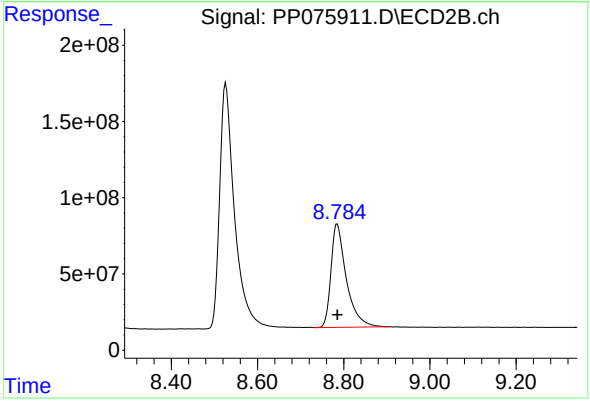
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 749940088
Conc: 99.64 ng/ml



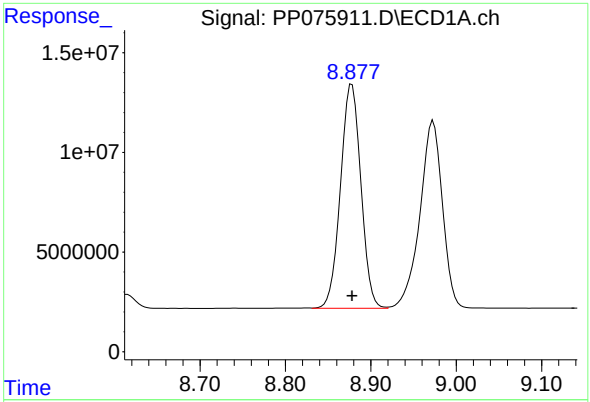
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 198839487
Conc: 95.54 ng/ml



#2 Decachlorobiphenyl

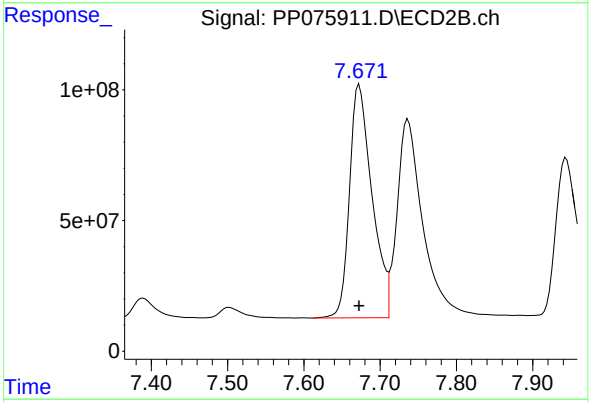
R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 1671833237
Conc: 99.05 ng/ml



#41 AR-1268-1

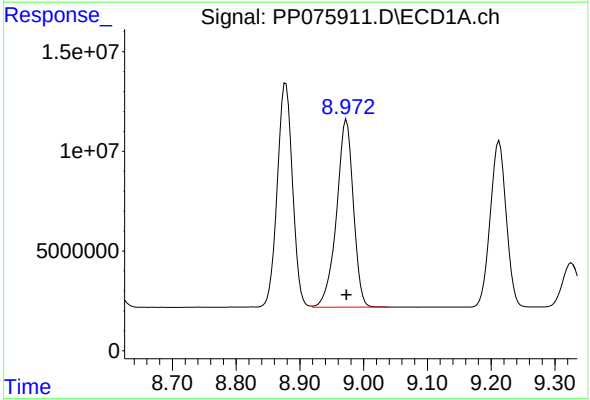
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 186733090
Conc: 951.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



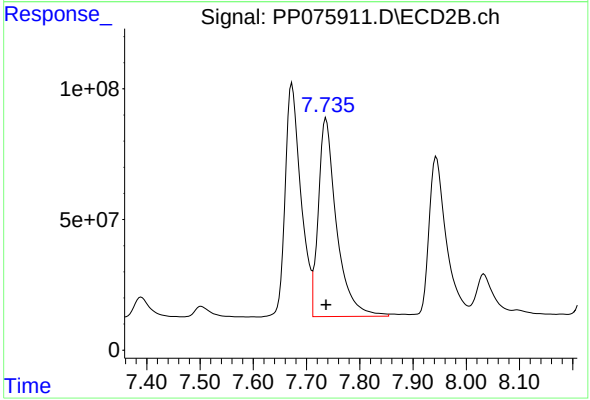
#41 AR-1268-1

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 1831610079
Conc: 992.62 ng/ml



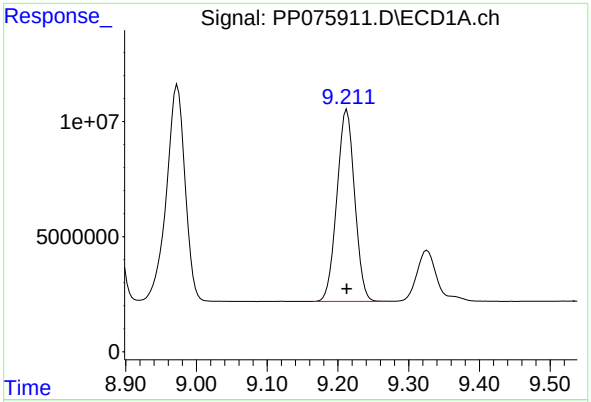
#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 172486766
Conc: 956.48 ng/ml



#42 AR-1268-2

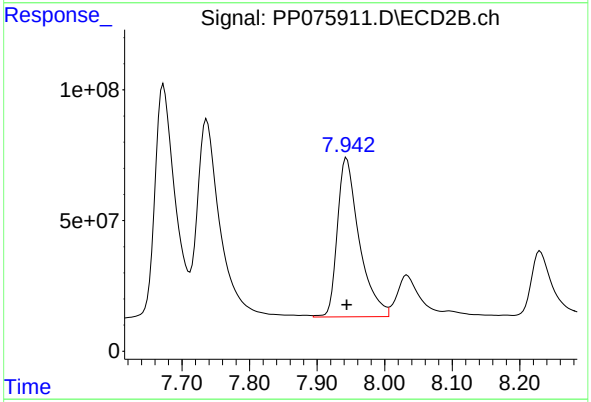
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 1800363506
Conc: 1001.38 ng/ml



#43 AR-1268-3

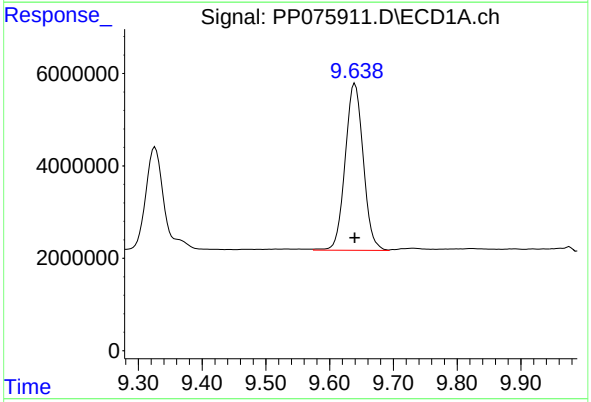
R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 145245892
Conc: 961.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



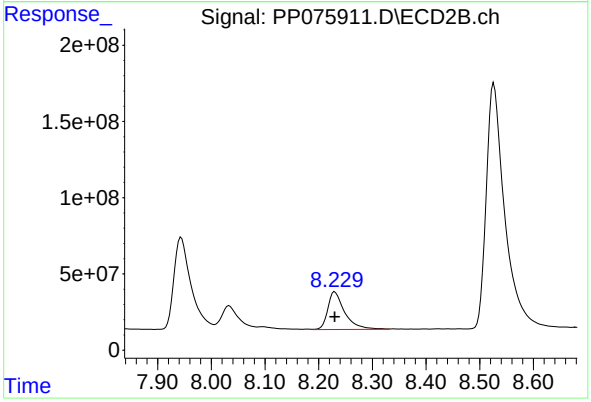
#43 AR-1268-3

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 1369797429
Conc: 988.12 ng/ml



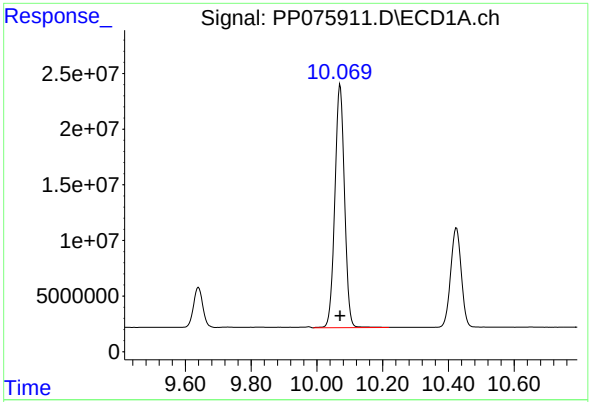
#44 AR-1268-4

R.T.: 9.640 min
Delta R.T.: 0.000 min
Response: 71036137
Conc: 963.67 ng/ml



#44 AR-1268-4

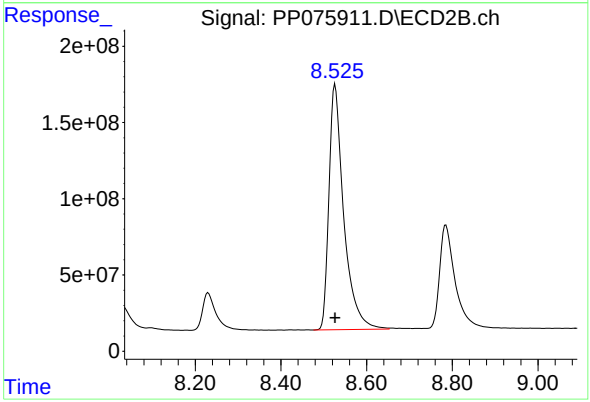
R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 542764588
Conc: 1002.32 ng/ml



#45 AR-1268-5

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 446420076
Conc: 968.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 3855476951
Conc: 979.92 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:12
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:06:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.783	116.2E6	564.9E6	74.674	75.037
2)	SA Decachlor...	10.423	8.784	155.7E6	1249.5E6	74.863	74.351
	Target Compounds						
41)	L9 AR-1268-1	8.877	7.671	146.3E6	1360.1E6	747.184	741.339
42)	L9 AR-1268-2	8.973	7.736	134.4E6	1329.3E6	746.666	742.894
43)	L9 AR-1268-3	9.211	7.943	112.7E6	1019.0E6	747.385	739.990
44)	L9 AR-1268-4	9.640	8.229	56104264	402.6E6	757.366	745.626
45)	L9 AR-1268-5	10.070	8.525	344.2E6	2925.3E6	747.861	745.651

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

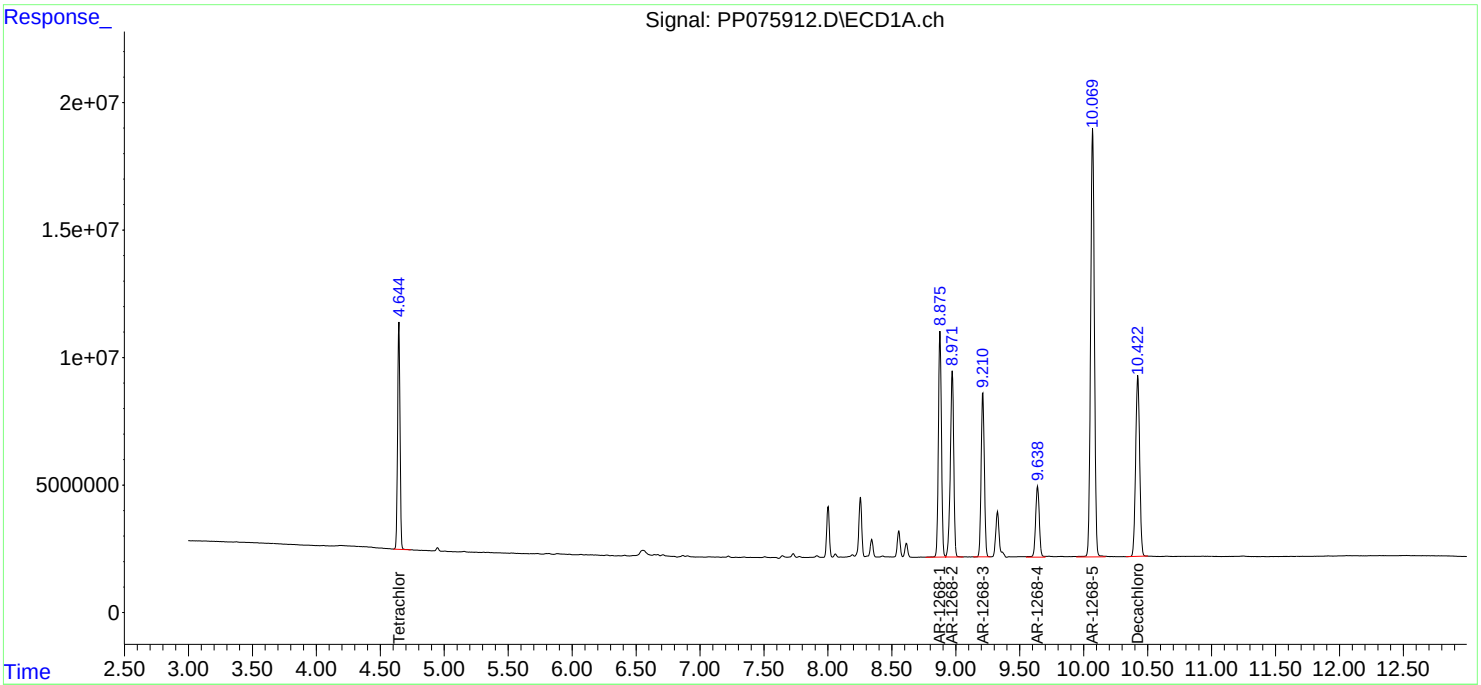
ICAL Form

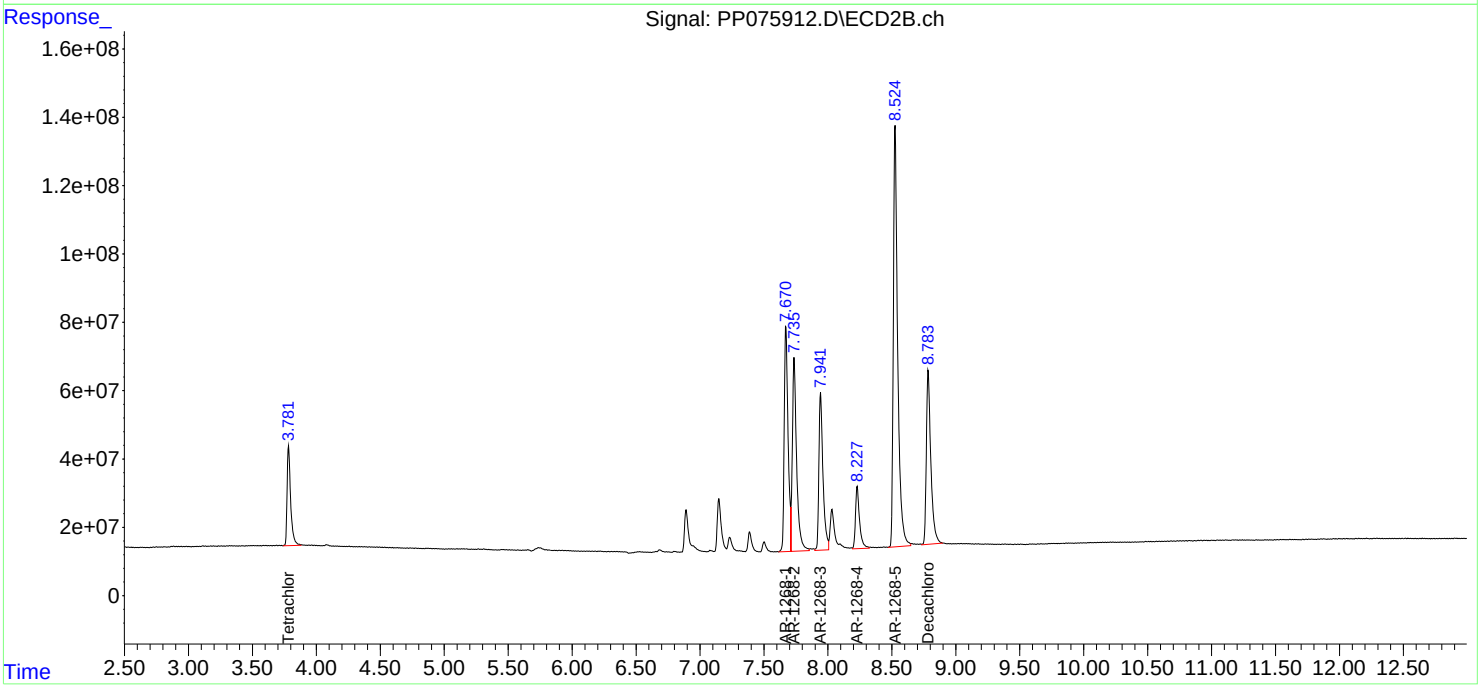
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:12
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

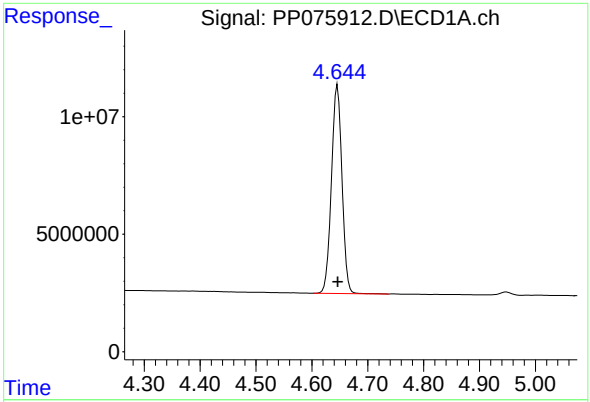
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:06:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



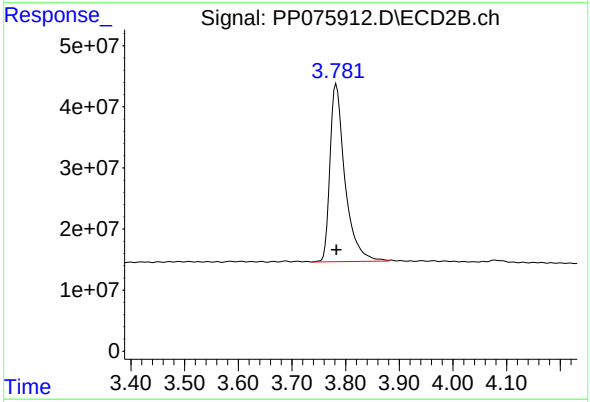




#1 Tetrachloro-m-xylene

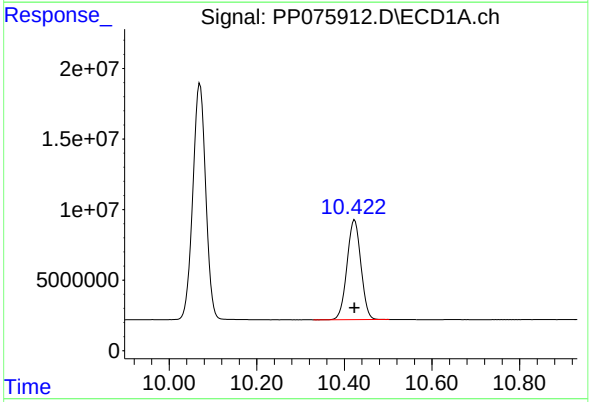
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 116194915
Conc: 74.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



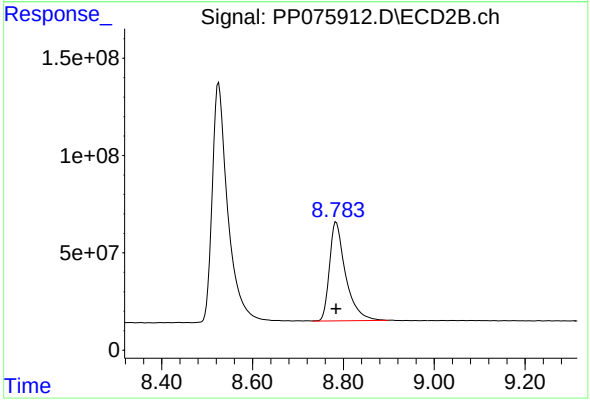
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 564897971
Conc: 75.04 ng/ml



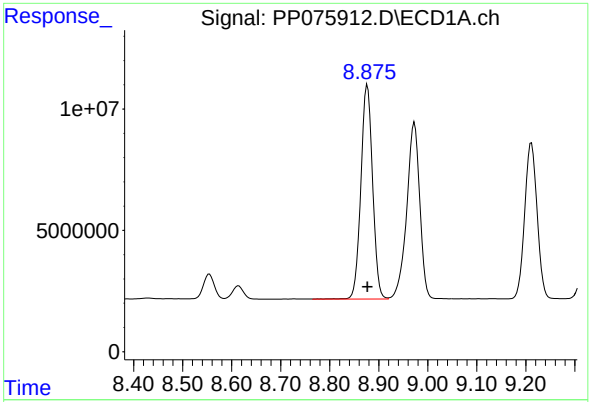
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.000 min
Response: 155657611
Conc: 74.86 ng/ml



#2 Decachlorobiphenyl

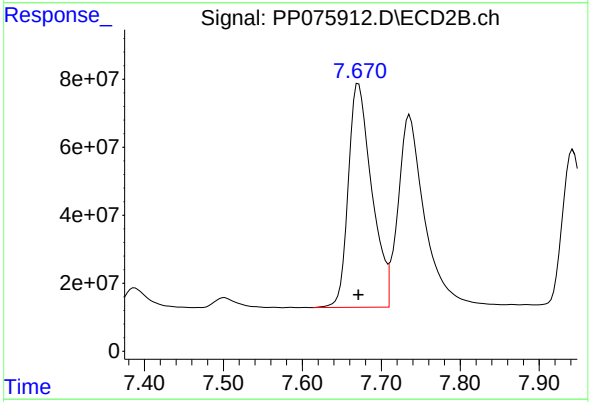
R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 1249480376
Conc: 74.35 ng/ml



#41 AR-1268-1

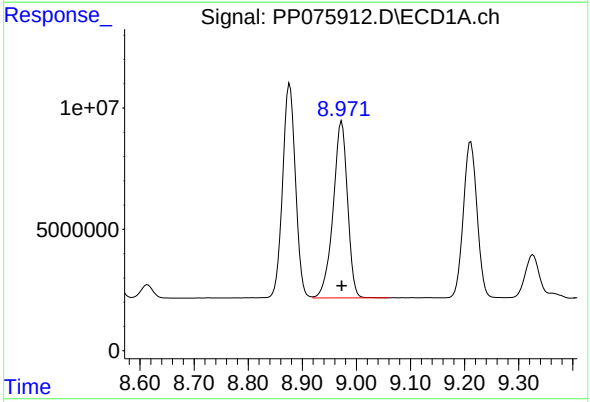
R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 146300214
Conc: 747.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



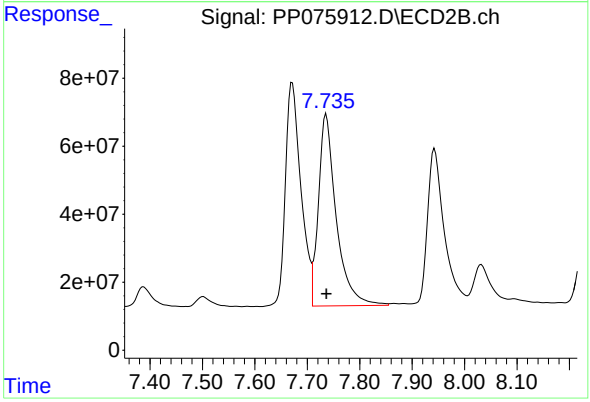
#41 AR-1268-1

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 1360092582
Conc: 741.34 ng/ml



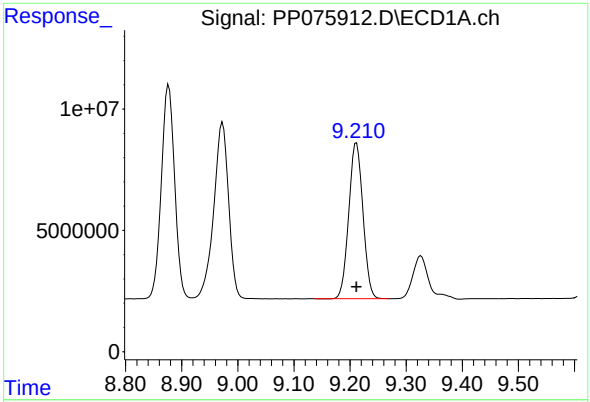
#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 134351598
Conc: 746.67 ng/ml



#42 AR-1268-2

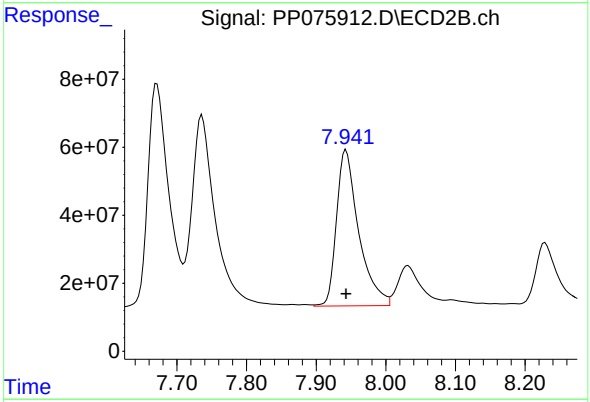
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 1329343692
Conc: 742.89 ng/ml



#43 AR-1268-3

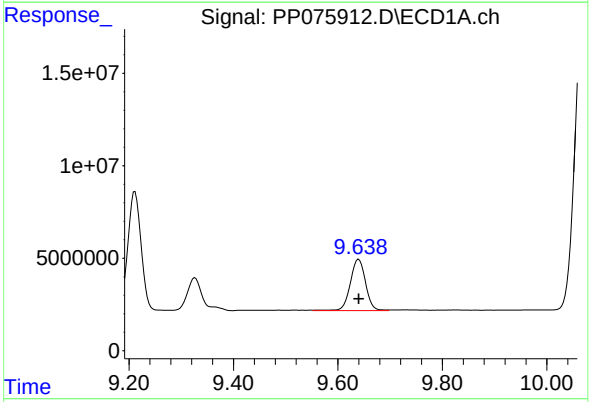
R.T.: 9.211 min
Delta R.T.: 0.000 min
Response: 112711035
Conc: 747.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



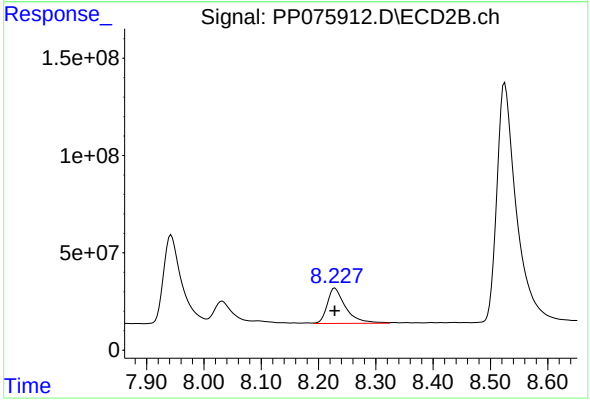
#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 1019026233
Conc: 739.99 ng/ml



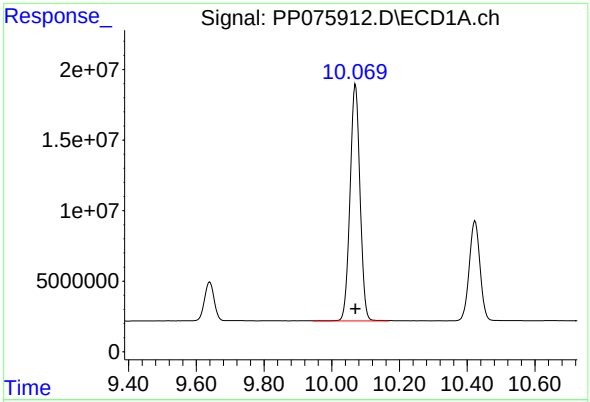
#44 AR-1268-4

R.T.: 9.640 min
Delta R.T.: 0.000 min
Response: 56104264
Conc: 757.37 ng/ml



#44 AR-1268-4

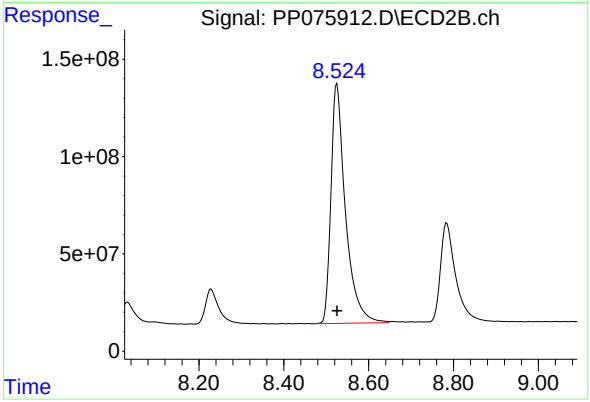
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 402588428
Conc: 745.63 ng/ml



#45 AR-1268-5

R.T.: 10.070 min
Delta R.T.: 0.000 min
Response: 344188156
Conc: 747.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 2925269569
Conc: 745.65 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:29
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:59:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.647	3.785	80186895	377.7E6	50.000	50.000
2)	SA Decachlor...	10.424	8.785	108.7E6	851.9E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.878	7.673	102.8E6	929.4E6	500.000	500.000
42)	L9 AR-1268-2	8.973	7.737	94092052	897.7E6	500.000	500.000
43)	L9 AR-1268-3	9.213	7.943	78447140	701.4E6	500.000	500.000
44)	L9 AR-1268-4	9.641	8.229	38196242	270.1E6	500.000	500.000
45)	L9 AR-1268-5	10.070	8.526	237.7E6	2006.7E6	500.000	500.000

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

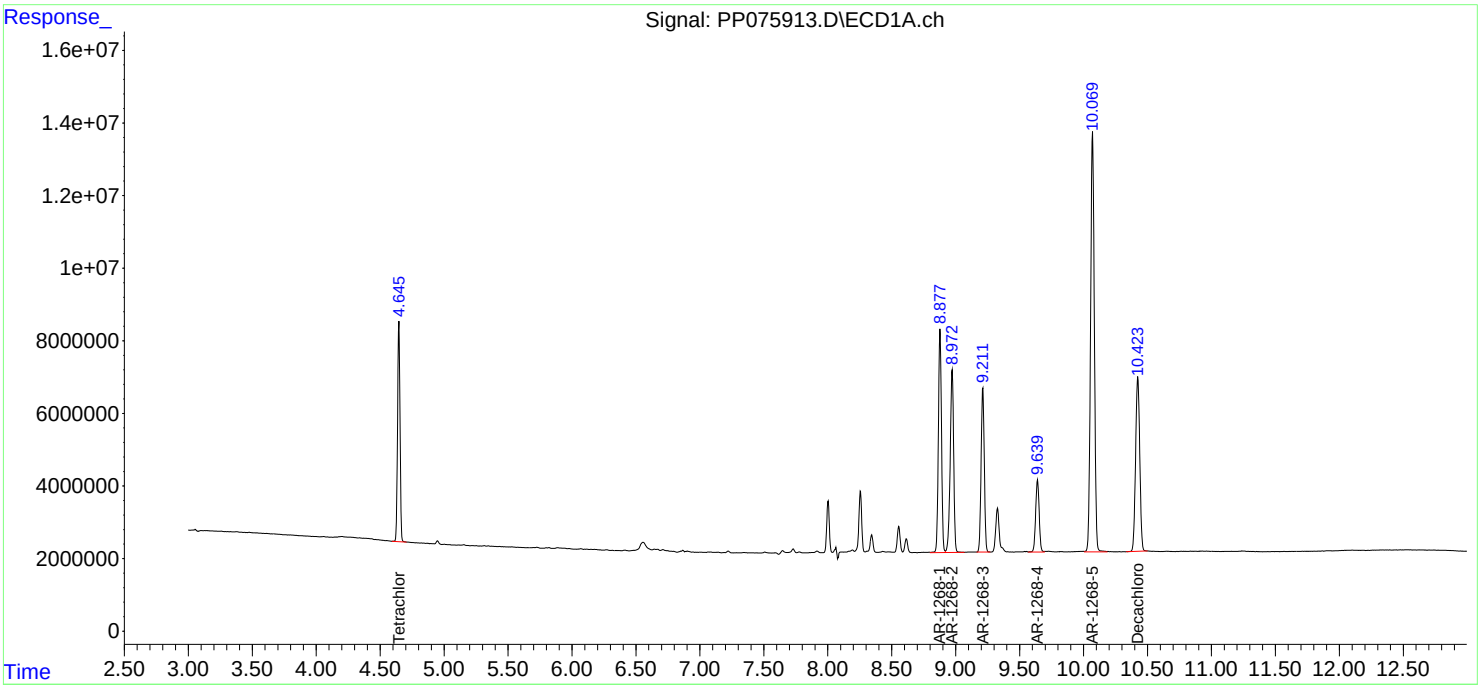
ICAL Form

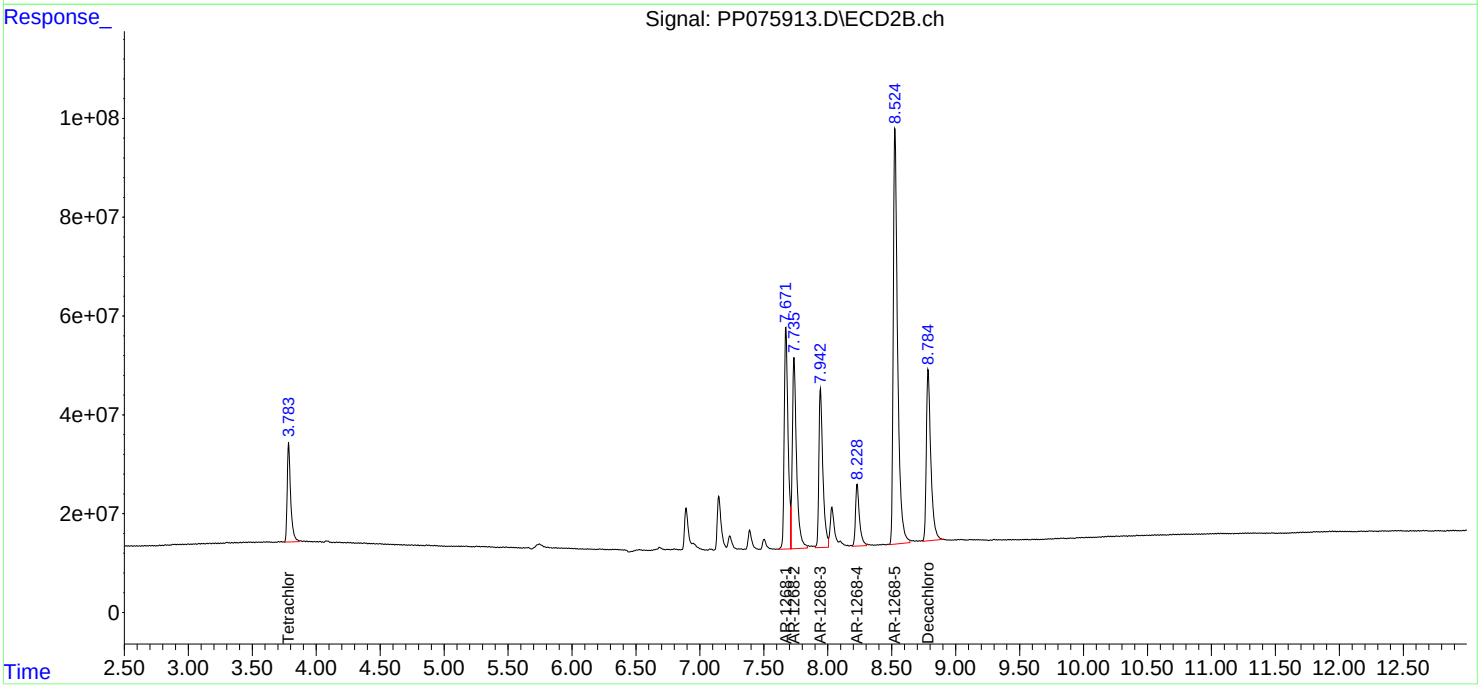
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:29
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

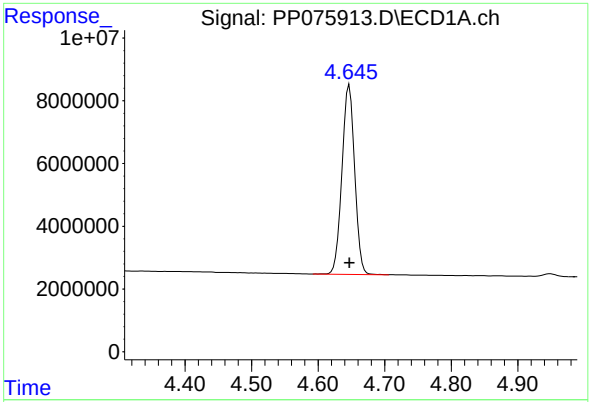
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:59:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



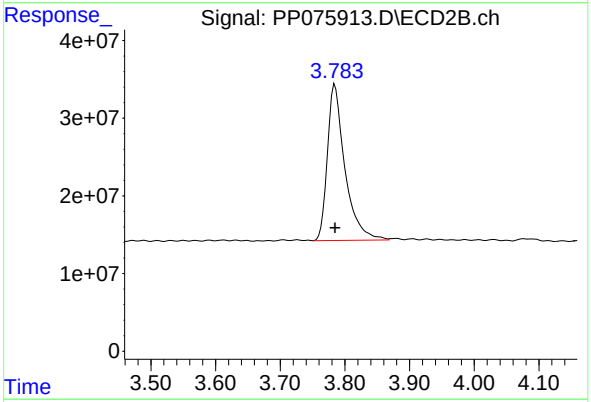




#1 Tetrachloro-m-xylene

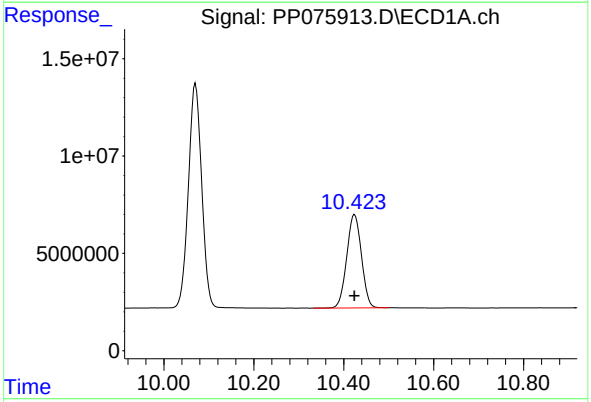
R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 80186895
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



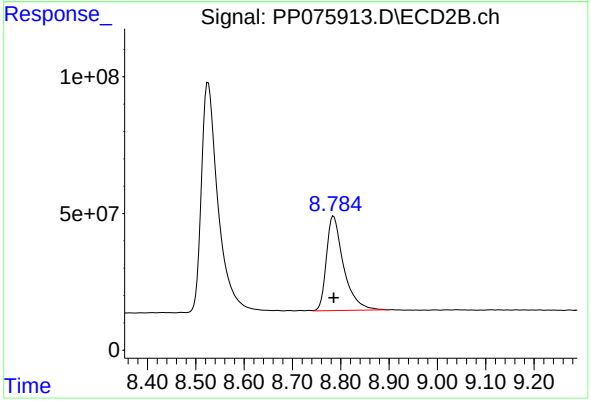
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 377671573
Conc: 50.00 ng/ml



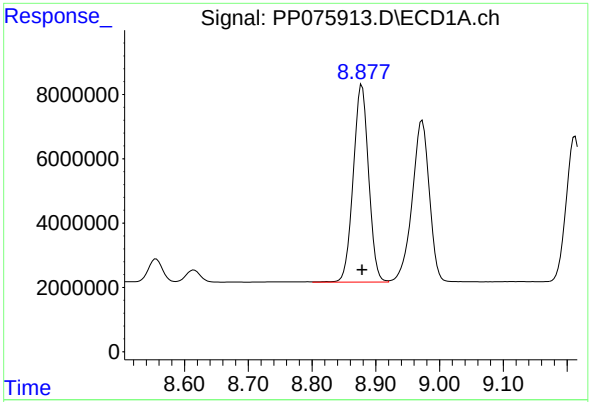
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 108695342
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

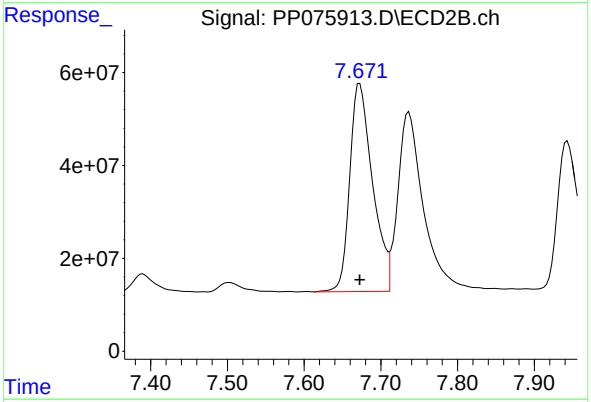
R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 851873809
Conc: 50.00 ng/ml



#41 AR-1268-1

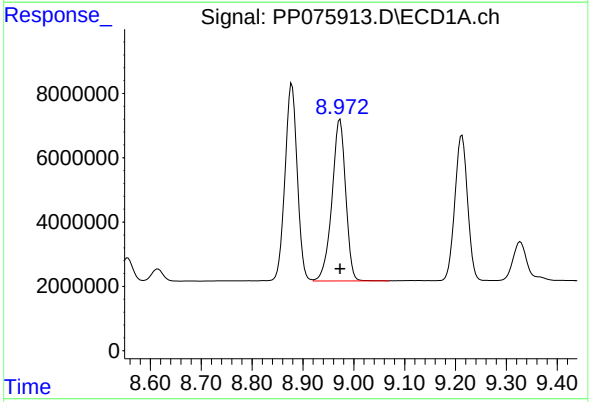
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 102803074
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



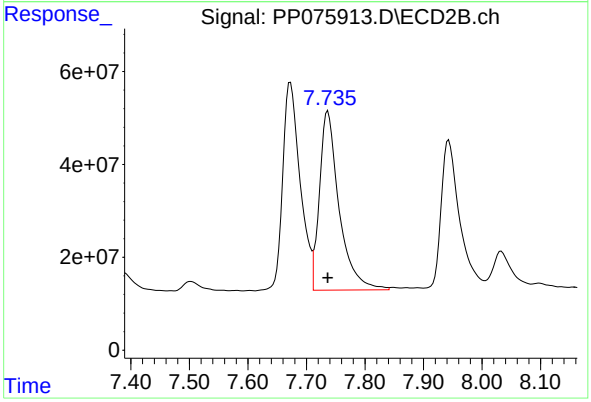
#41 AR-1268-1

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 929431654
Conc: 500.00 ng/ml



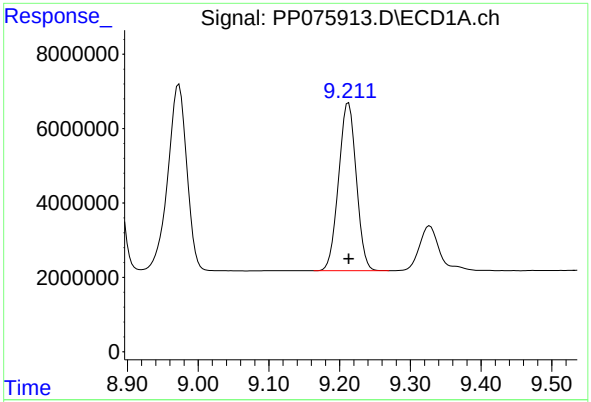
#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 94092052
Conc: 500.00 ng/ml



#42 AR-1268-2

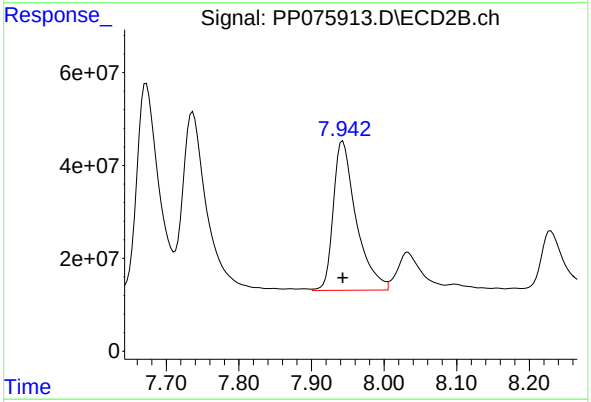
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 897707664
Conc: 500.00 ng/ml



#43 AR-1268-3

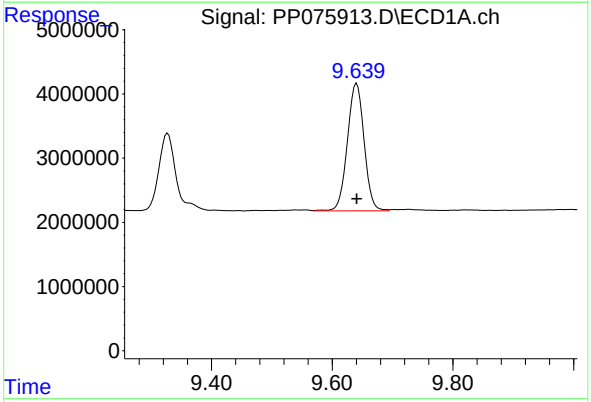
R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 78447140
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



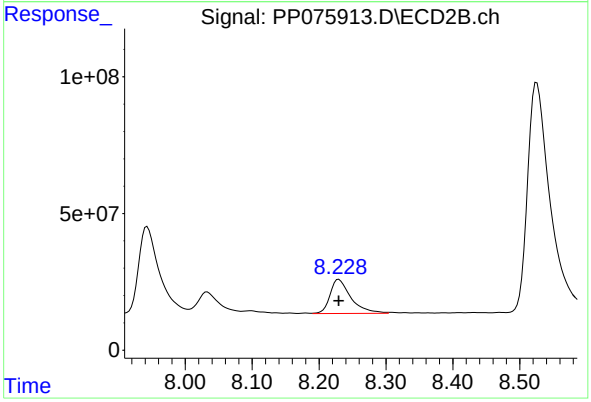
#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 701373021
Conc: 500.00 ng/ml



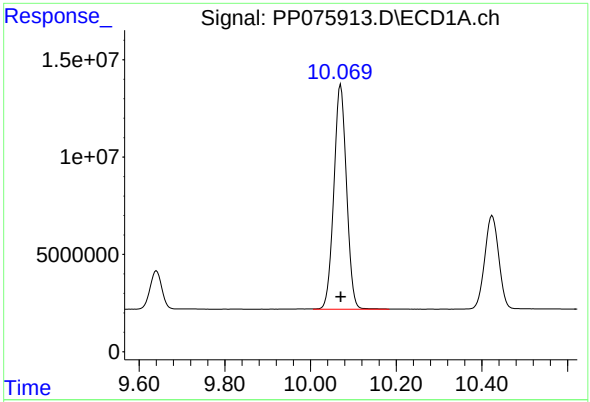
#44 AR-1268-4

R.T.: 9.641 min
Delta R.T.: 0.000 min
Response: 38196242
Conc: 500.00 ng/ml



#44 AR-1268-4

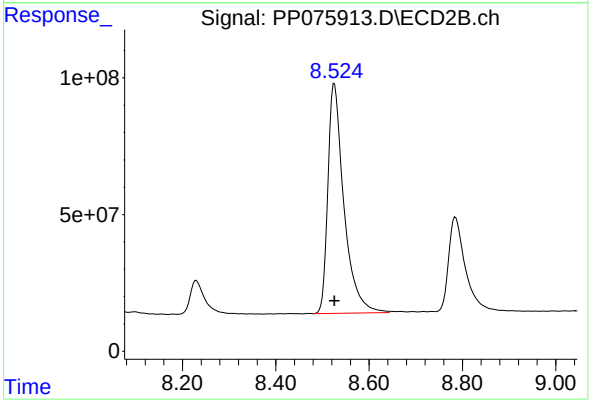
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 270125720
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 10.070 min
Delta R.T.: 0.000 min
Response: 237676246
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 2006744807
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:45
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:11:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.648	3.785	39777145	176.8E6	25.420	23.849
2)	SA Decachlor...	10.427	8.786	55292786	404.9E6	26.176	24.316
	Target Compounds						
41)	L9 AR-1268-1	8.880	7.673	52505558	433.0E6	263.374	239.361
42)	L9 AR-1268-2	8.975	7.737	47519594	415.5E6	260.422	236.426
43)	L9 AR-1268-3	9.214	7.943	39522518	339.7E6	258.947	247.491
44)	L9 AR-1268-4	9.642	8.231	19156803	125.4E6	256.397	236.500
45)	L9 AR-1268-5	10.073	8.527	120.0E6	927.0E6	257.945	239.576

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

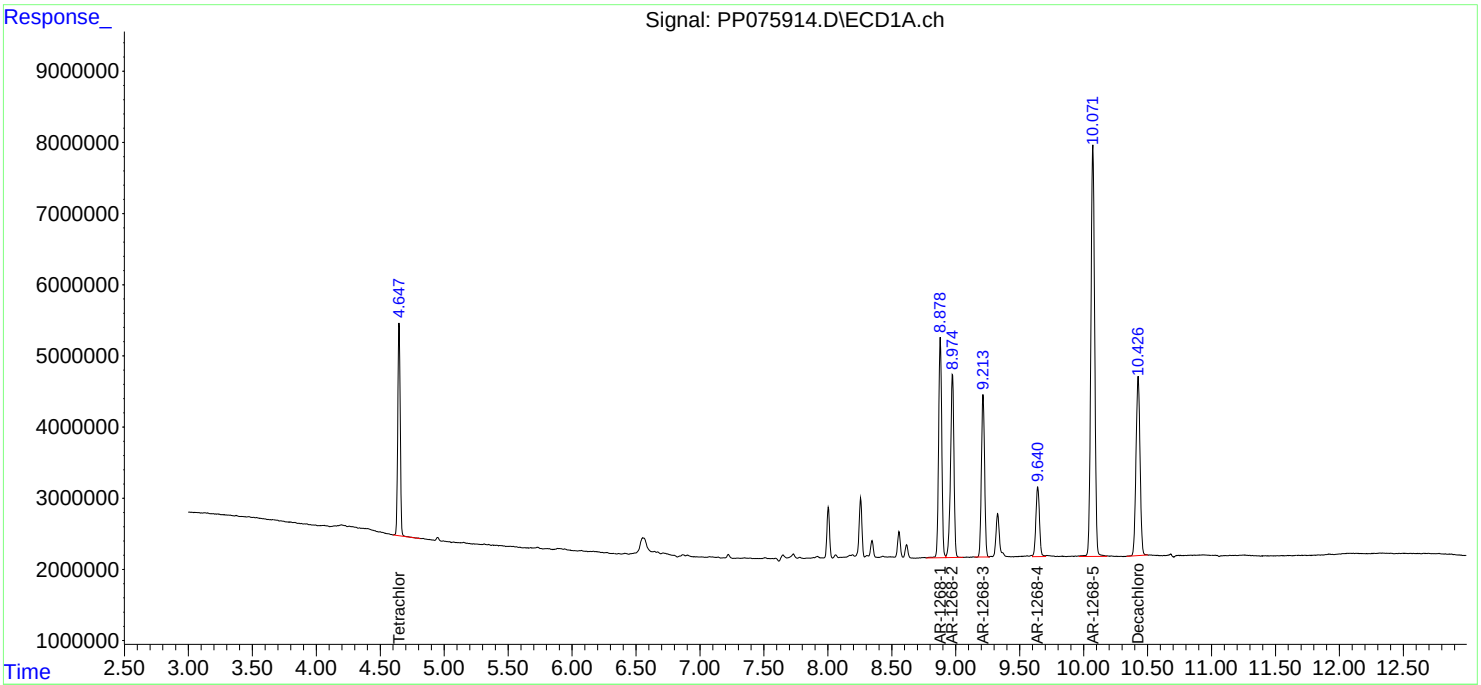
ICAL Form

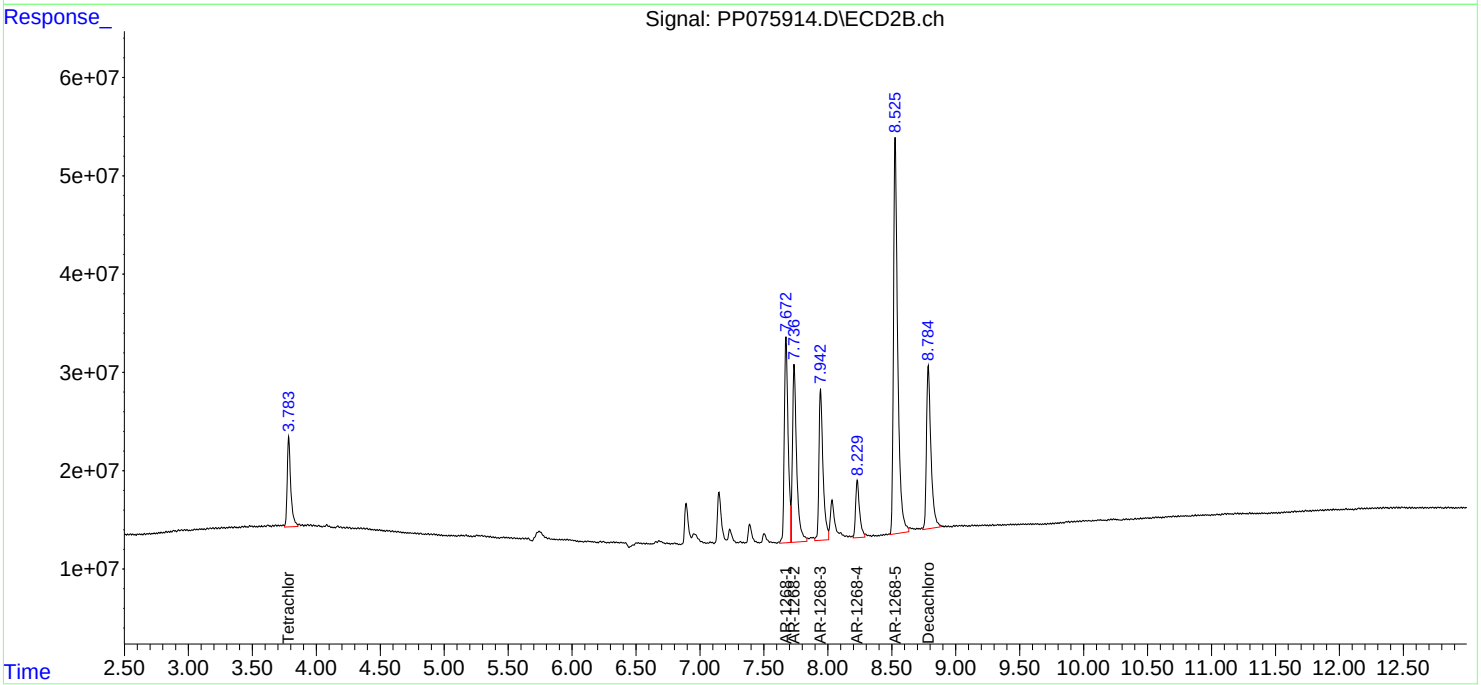
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:45
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

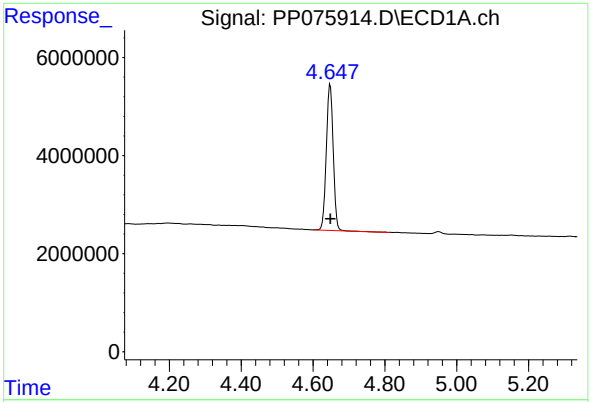
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:11:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



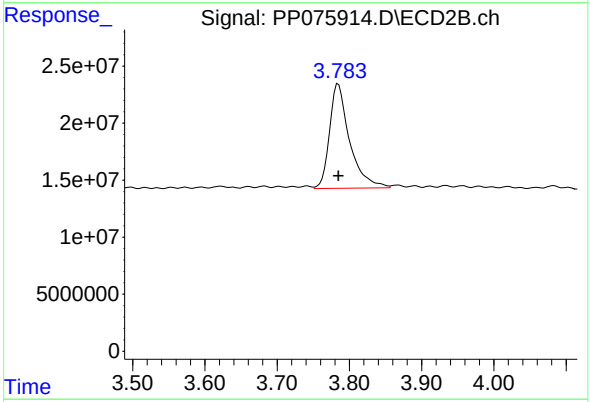




#1 Tetrachloro-m-xylene

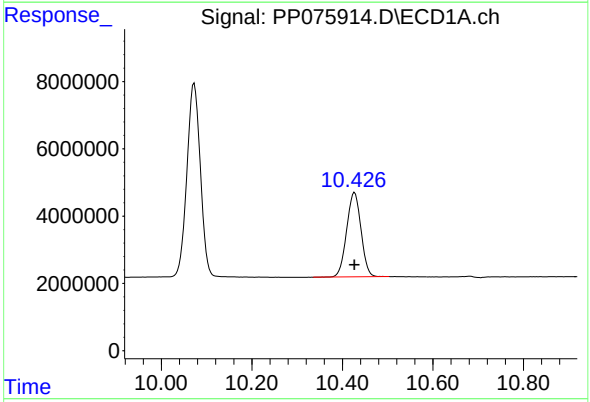
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 39777145
Conc: 25.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



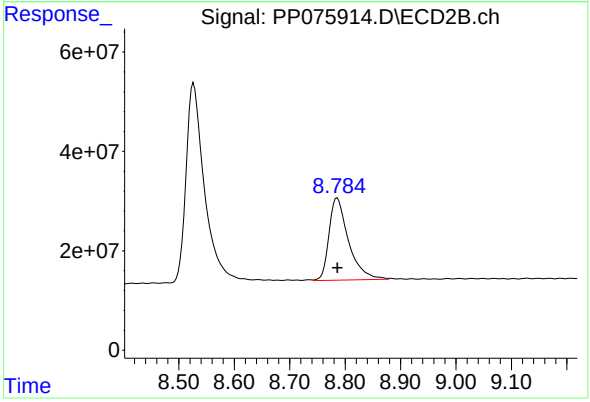
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 176826870
Conc: 23.85 ng/ml



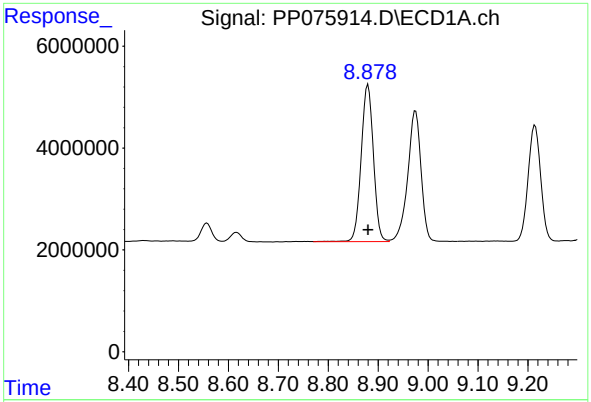
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: 0.000 min
Response: 55292786
Conc: 26.18 ng/ml



#2 Decachlorobiphenyl

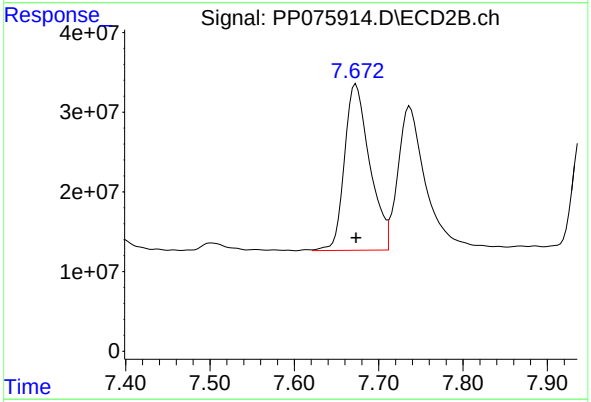
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 404933663
Conc: 24.32 ng/ml



#41 AR-1268-1

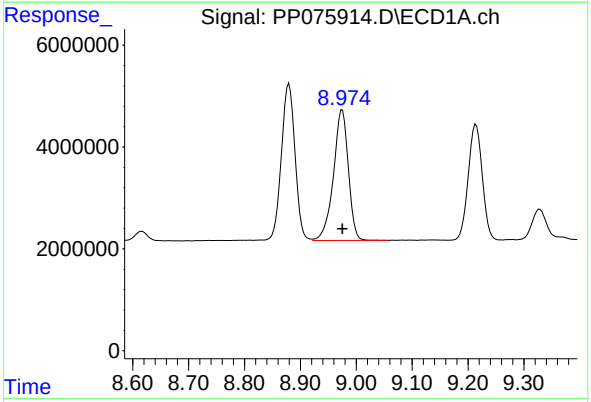
R.T.: 8.880 min
Delta R.T.: 0.000 min
Response: 52505558
Conc: 263.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



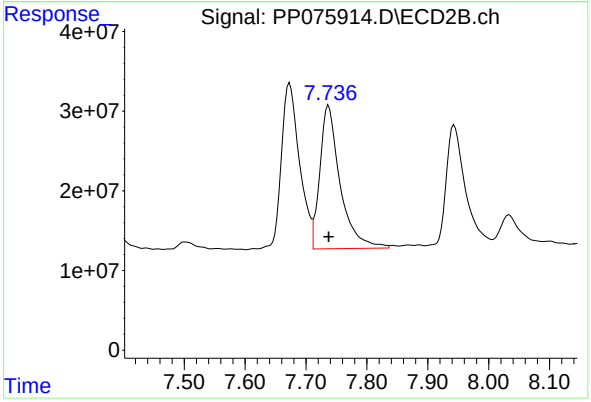
#41 AR-1268-1

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 433000119
Conc: 239.36 ng/ml



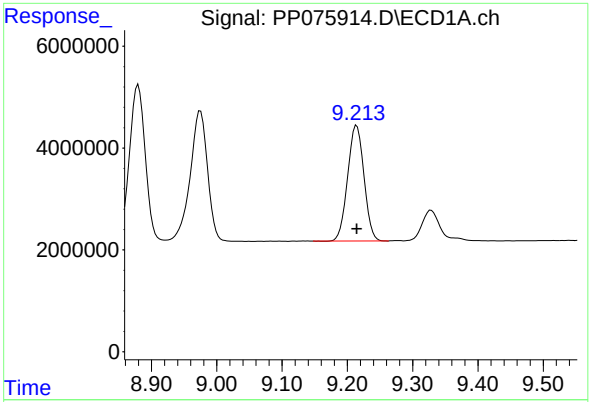
#42 AR-1268-2

R.T.: 8.975 min
Delta R.T.: 0.000 min
Response: 47519594
Conc: 260.42 ng/ml



#42 AR-1268-2

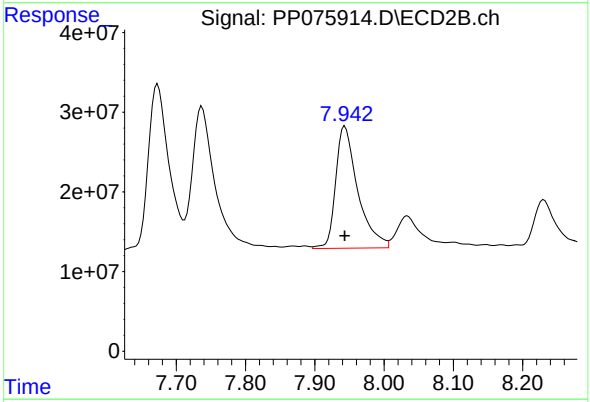
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 415541726
Conc: 236.43 ng/ml



#43 AR-1268-3

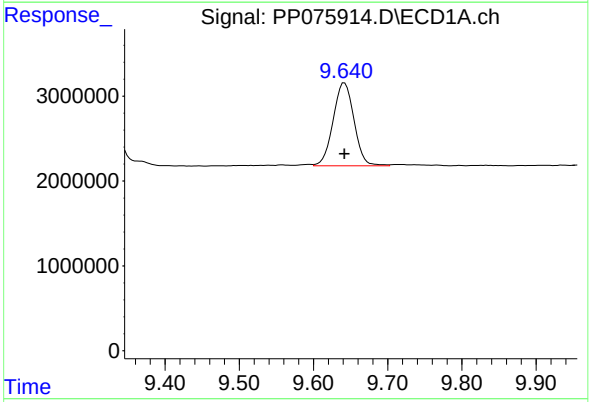
R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 39522518
Conc: 258.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



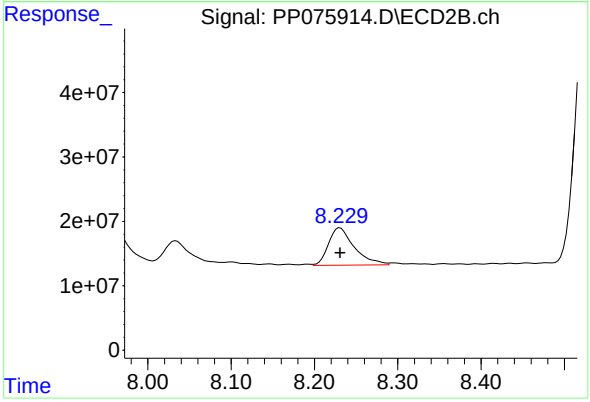
#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 339678826
Conc: 247.49 ng/ml



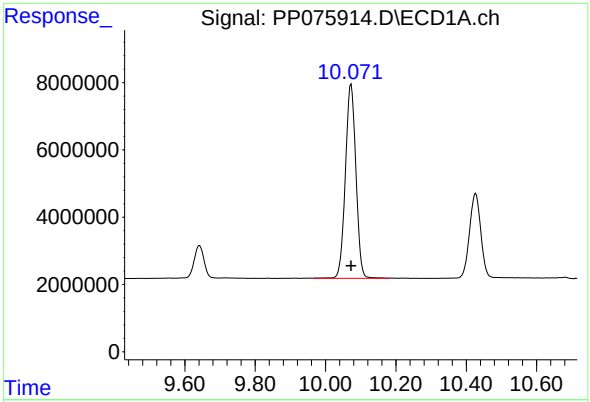
#44 AR-1268-4

R.T.: 9.642 min
Delta R.T.: 0.000 min
Response: 19156803
Conc: 256.40 ng/ml



#44 AR-1268-4

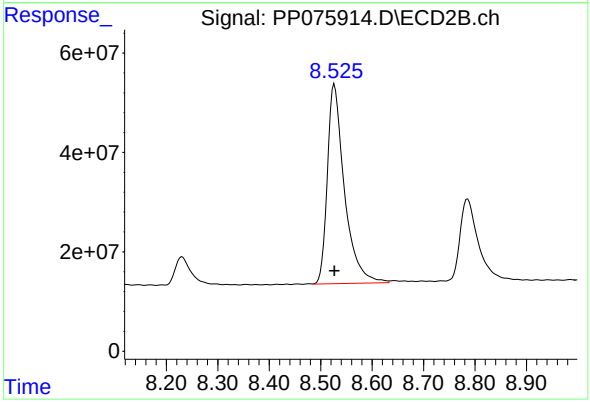
R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 125436731
Conc: 236.50 ng/ml



#45 AR-1268-5

R.T.: 10.073 min
Delta R.T.: 0.000 min
Response: 119984854
Conc: 257.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 926998947
Conc: 239.58 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:01
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:15:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.785	8297245	34278784	5.239	4.694
2)	SA Decachlor...	10.424	8.786	11780168	79254993	5.451	4.805
	Target Compounds						
41)	L9 AR-1268-1	8.878	7.671	11762673	90866583	56.952	50.184
42)	L9 AR-1268-2	8.973	7.736	10571240	82258397	56.152	47.408
43)	L9 AR-1268-3	9.212	7.944	8270442	67275006	53.294	49.210
44)	L9 AR-1268-4	9.641	8.228	4718687	23283603	59.998	44.997 #
45)	L9 AR-1268-5	10.071	8.525	27065230	169.1E6	56.340	44.825

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

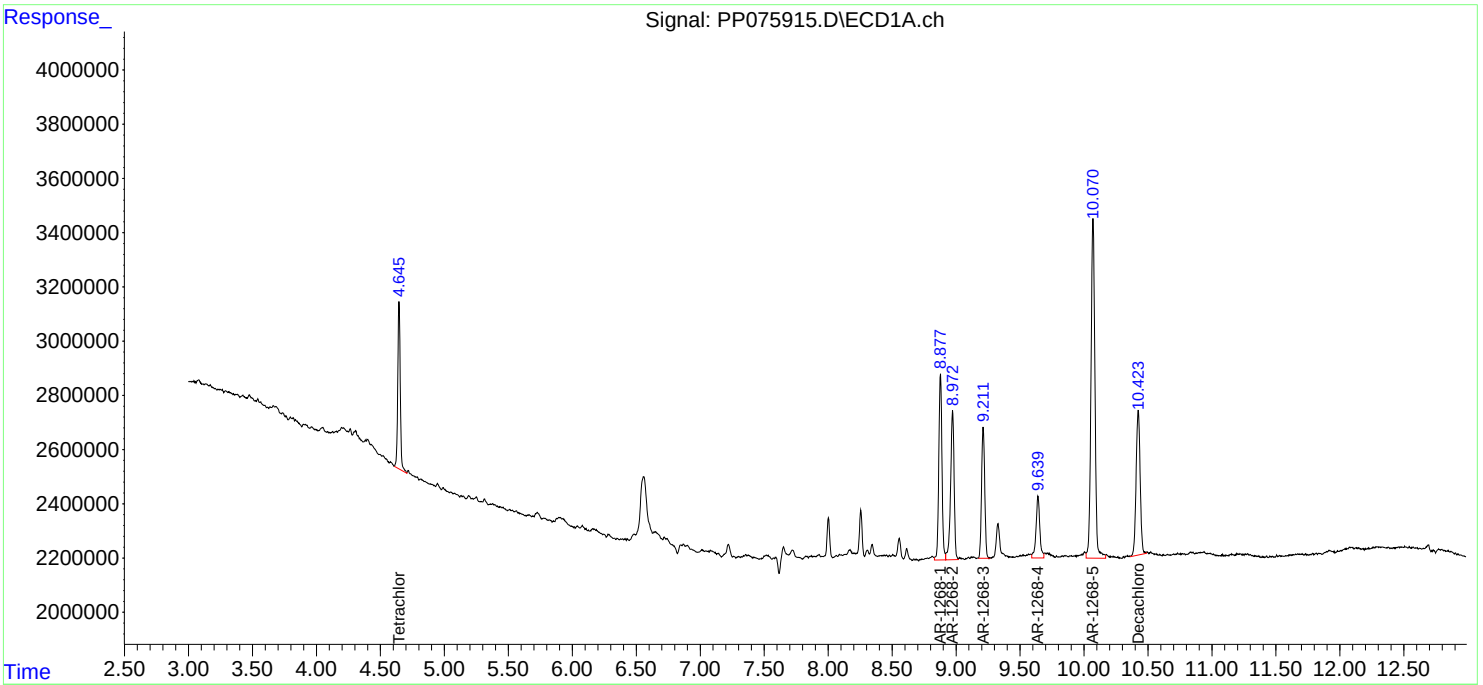
ICAL Form

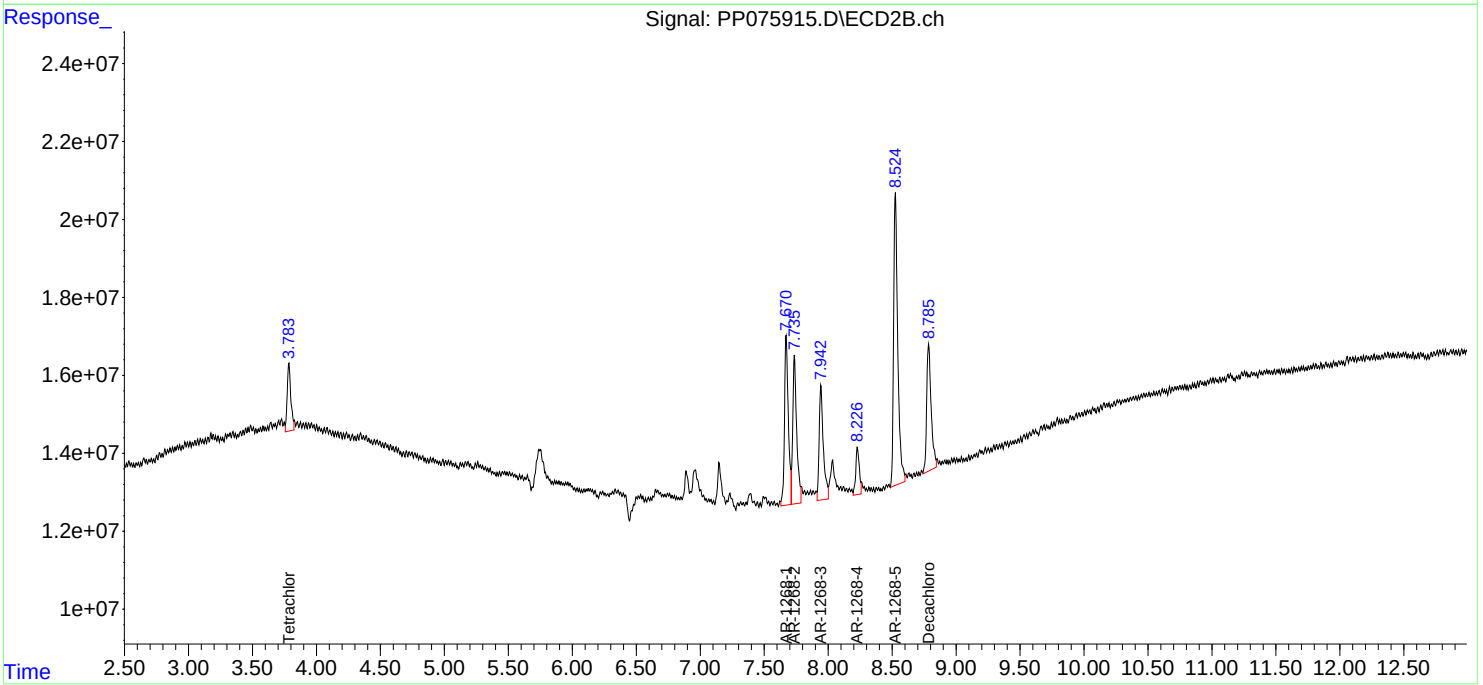
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:01
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

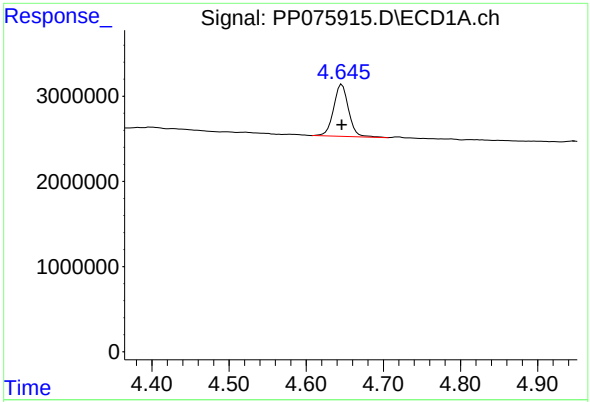
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:15:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



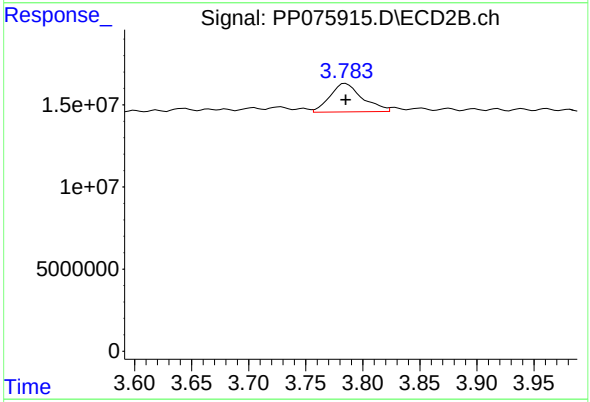




#1 Tetrachloro-m-xylene

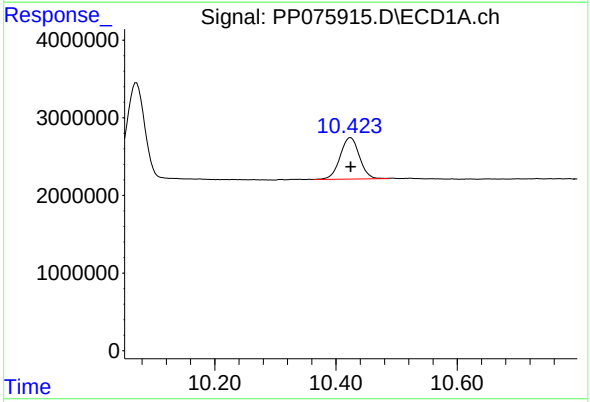
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 8297245
Conc: 5.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



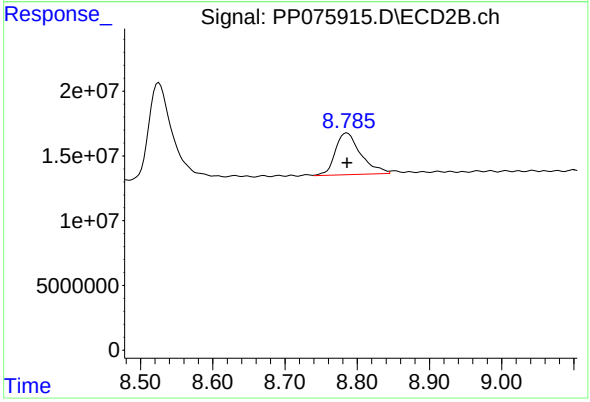
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 34278784
Conc: 4.69 ng/ml



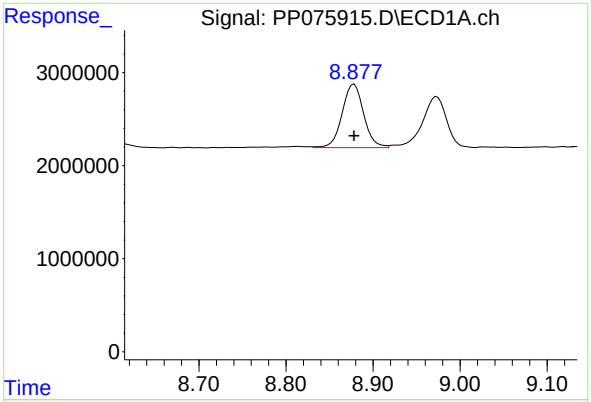
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 11780168
Conc: 5.45 ng/ml



#2 Decachlorobiphenyl

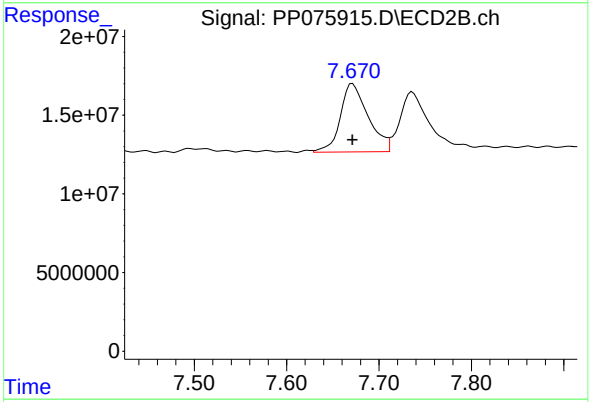
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 79254993
Conc: 4.81 ng/ml



#41 AR-1268-1

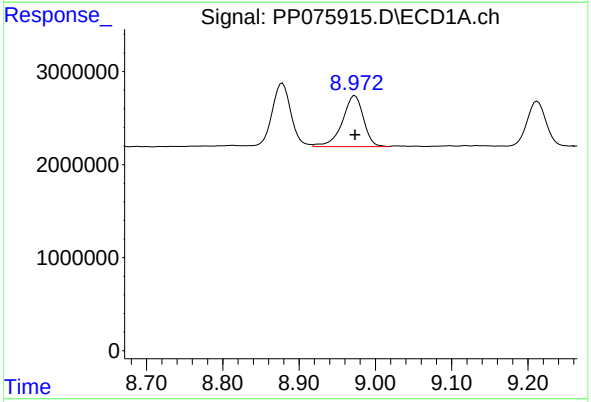
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 11762673
Conc: 56.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



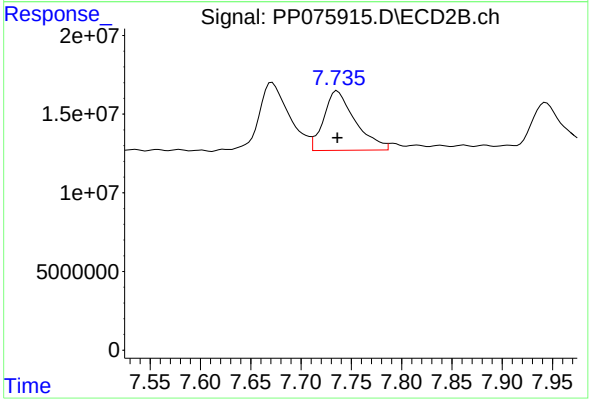
#41 AR-1268-1

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 90866583
Conc: 50.18 ng/ml



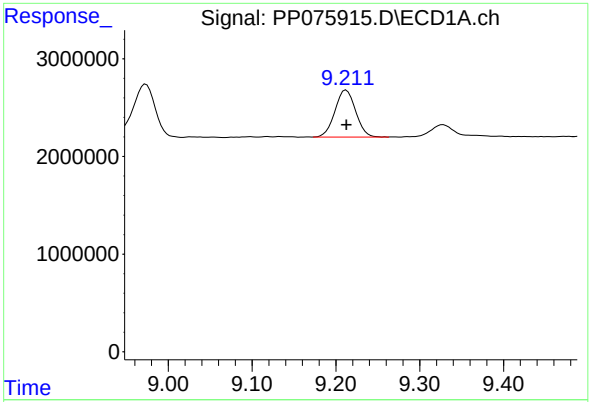
#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 10571240
Conc: 56.15 ng/ml



#42 AR-1268-2

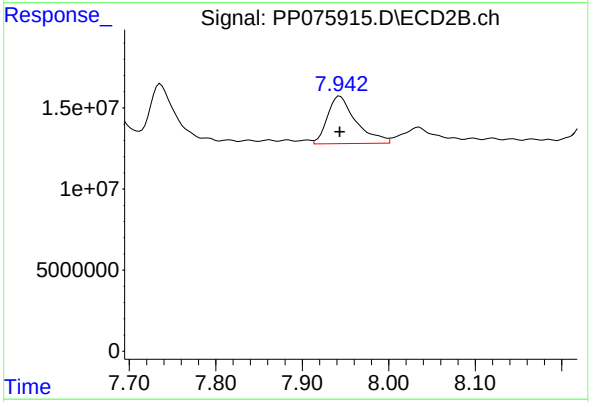
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 82258397
Conc: 47.41 ng/ml



#43 AR-1268-3

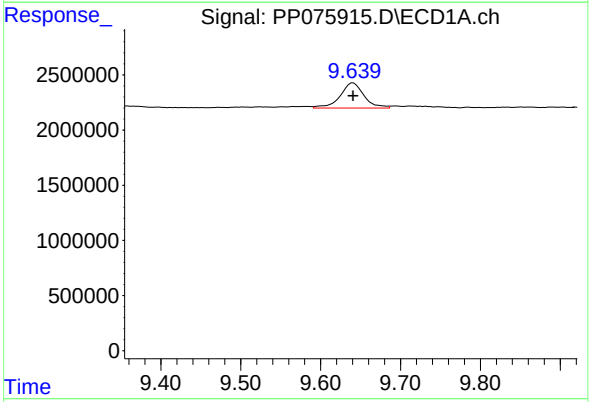
R.T.: 9.212 min
Delta R.T.: 0.000 min
Response: 8270442
Conc: 53.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



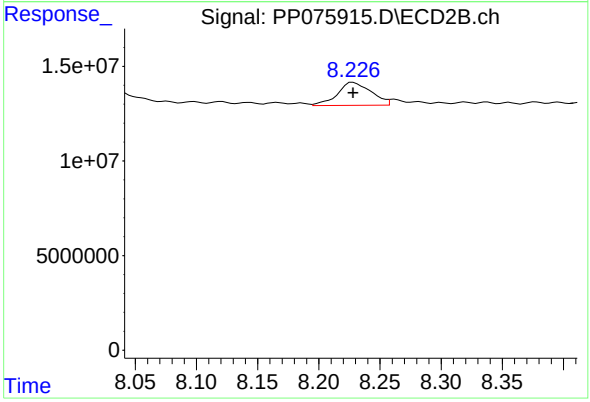
#43 AR-1268-3

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 67275006
Conc: 49.21 ng/ml



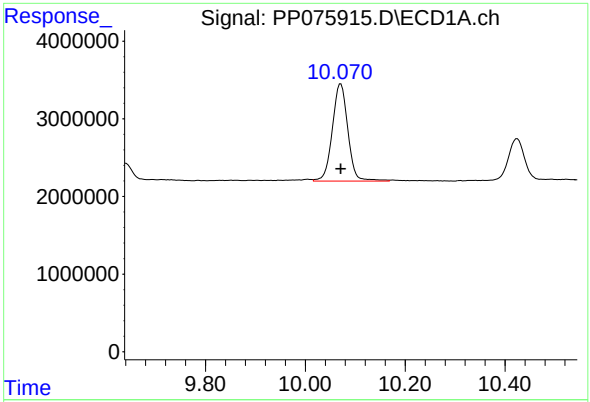
#44 AR-1268-4

R.T.: 9.641 min
Delta R.T.: 0.000 min
Response: 4718687
Conc: 60.00 ng/ml



#44 AR-1268-4

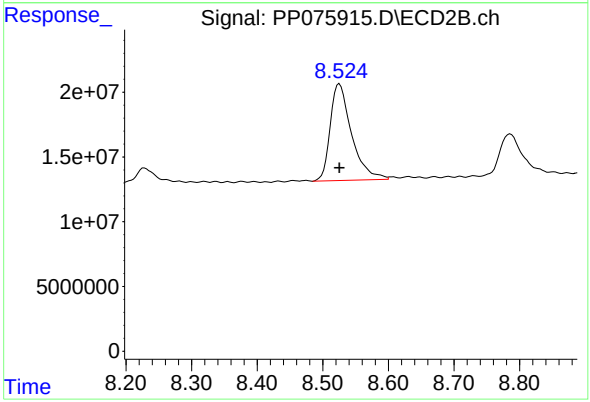
R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 23283603
Conc: 45.00 ng/ml



#45 AR-1268-5

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 27065230
Conc: 56.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 169066563
Conc: 44.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:34
Operator : YP\AJ
Sample : PP102125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.784	73895870	340.9E6	51.708	51.507
2)	SA Decachlor...	10.423	8.784	58947888	432.2E6	54.757	52.559
	Target Compounds						
3)	L1 AR-1016-1	5.799	4.879	30579076	390.9E6	517.184	528.086
4)	L1 AR-1016-2	5.820	4.937	46283521	183.5E6	523.308	536.724
5)	L1 AR-1016-3	5.883	5.057	29014100	102.8E6	524.184	500.470
6)	L1 AR-1016-4	5.980	5.097	23843232	102.7E6	524.717	549.750
7)	L1 AR-1016-5	6.273	5.312	22384300	107.6E6	515.702	472.171
31)	L7 AR-1260-1	7.391	6.340	38313477	286.2E6	557.233	522.496
32)	L7 AR-1260-2	7.644	6.526	47189702	452.3E6	526.804	555.781
33)	L7 AR-1260-3	8.002	6.680	37186118	328.9E6	536.700	584.366
34)	L7 AR-1260-4	8.230	7.149	40498377	308.8E6	590.602	594.624
35)	L7 AR-1260-5	8.556	7.389	79566551	796.8E6	537.788	587.781

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

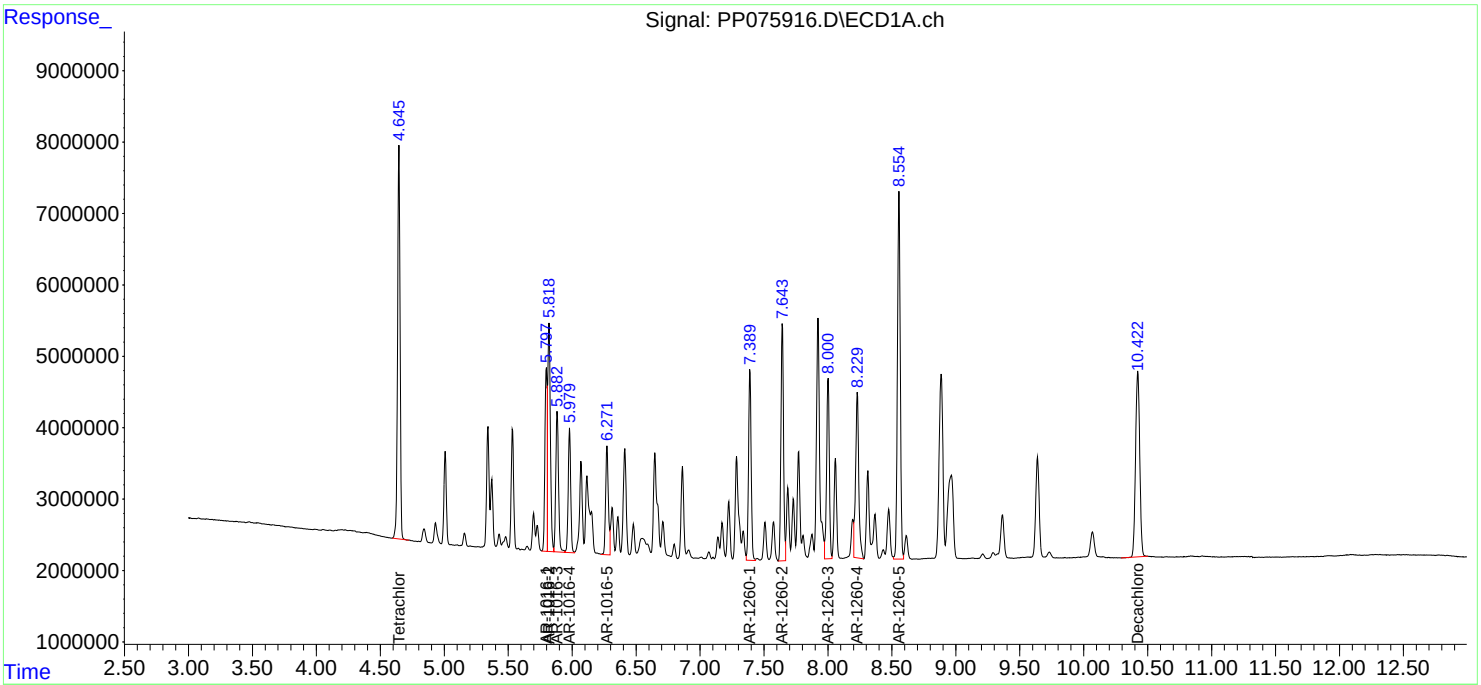
ICAL Form

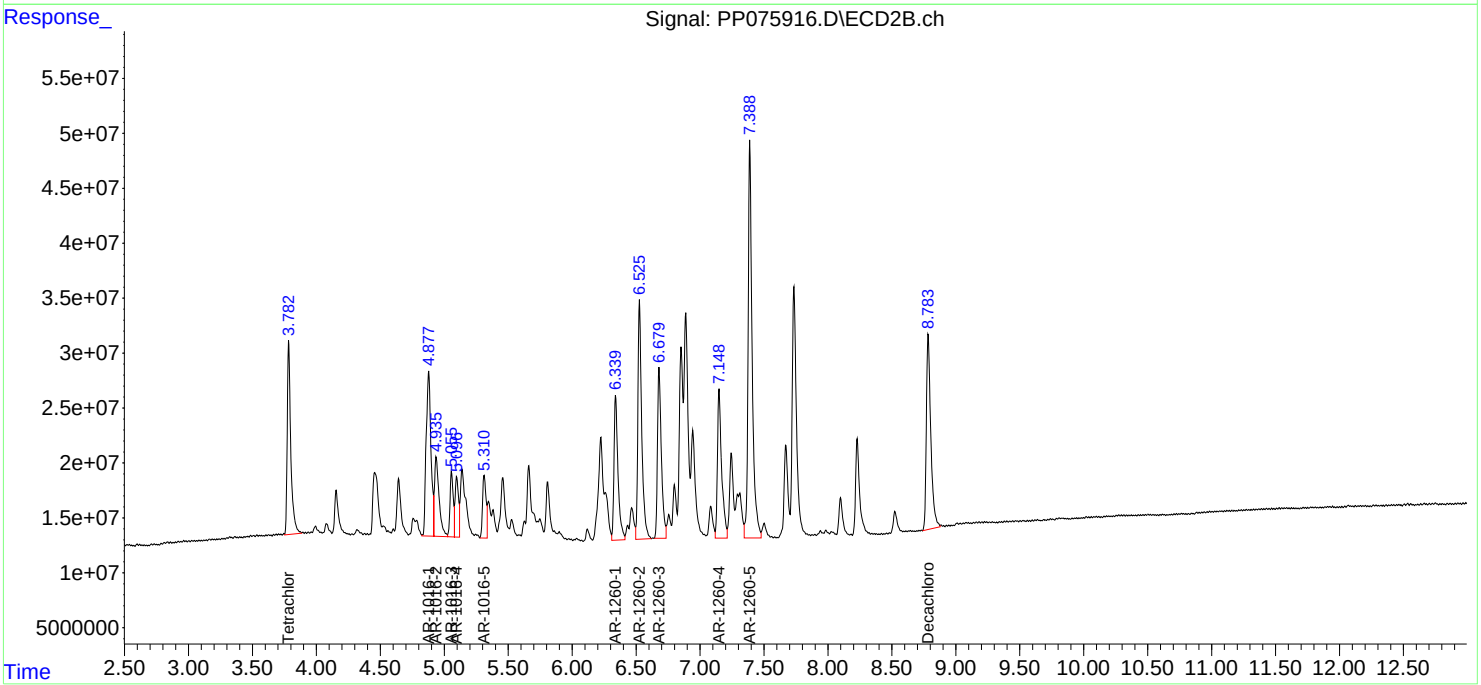
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:34
Operator : YP\AJ
Sample : PP102125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

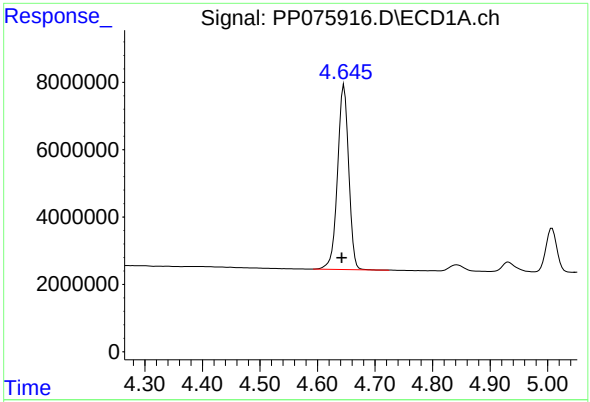
Instrument :
ECD_P
ClientSampleId :
ICVPP102125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



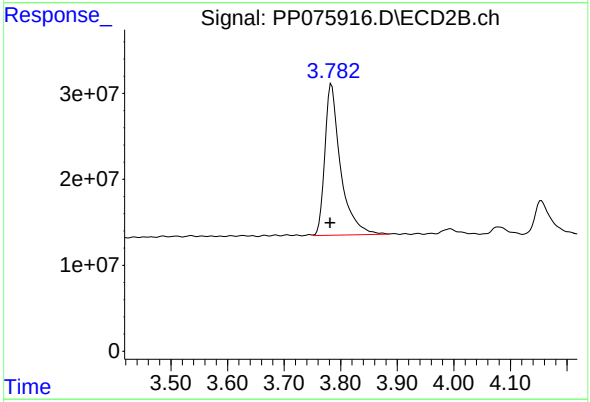




#1 Tetrachloro-m-xylene

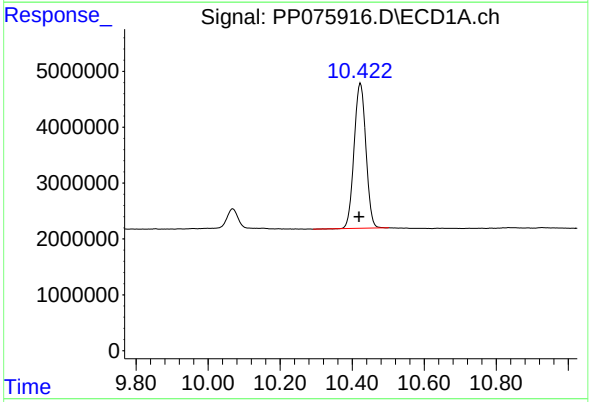
R.T.: 4.646 min
Delta R.T.: 0.004 min
Response: 73895870
Conc: 51.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



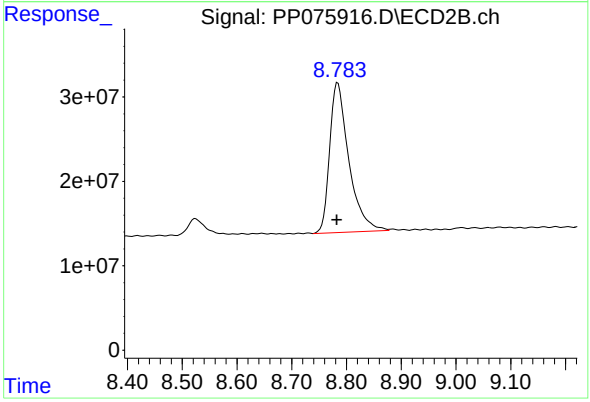
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 340889303
Conc: 51.51 ng/ml



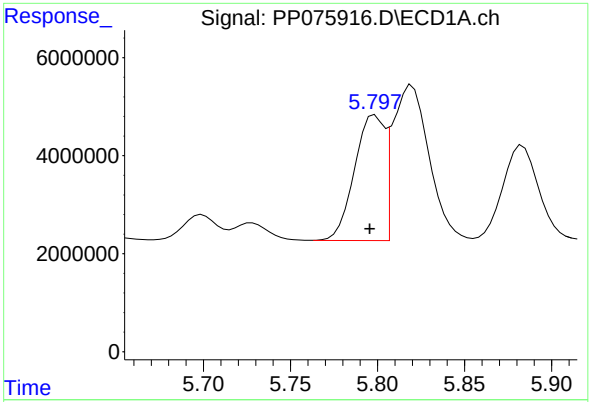
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.004 min
Response: 58947888
Conc: 54.76 ng/ml



#2 Decachlorobiphenyl

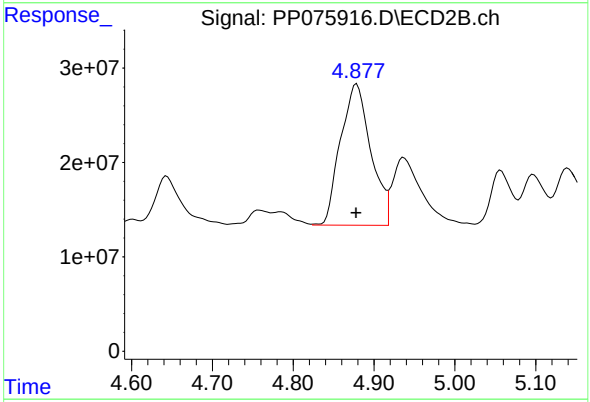
R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 432193063
Conc: 52.56 ng/ml



#3 AR-1016-1

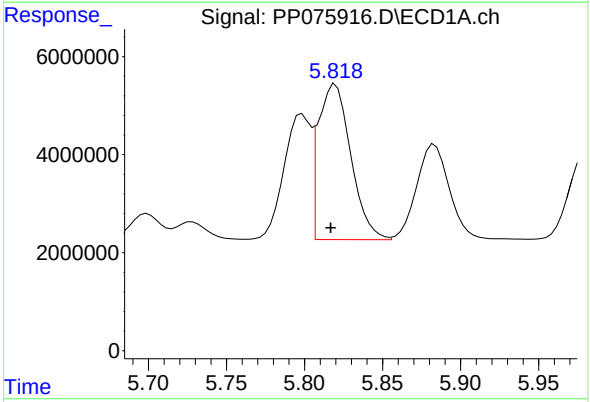
R.T.: 5.799 min
Delta R.T.: 0.003 min
Response: 30579076
Conc: 517.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



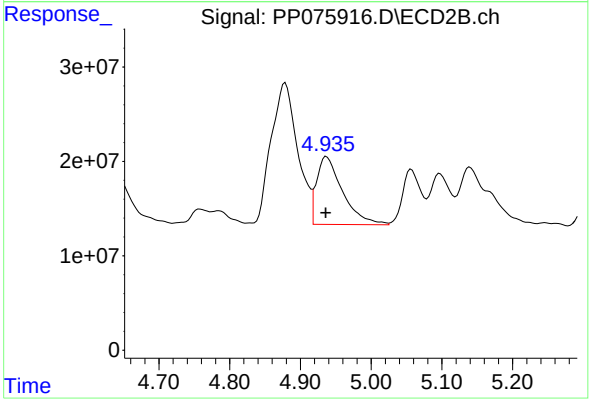
#3 AR-1016-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 390874787
Conc: 528.09 ng/ml



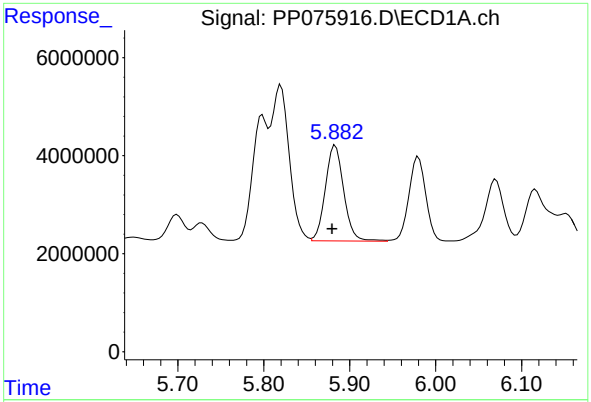
#4 AR-1016-2

R.T.: 5.820 min
Delta R.T.: 0.003 min
Response: 46283521
Conc: 523.31 ng/ml



#4 AR-1016-2

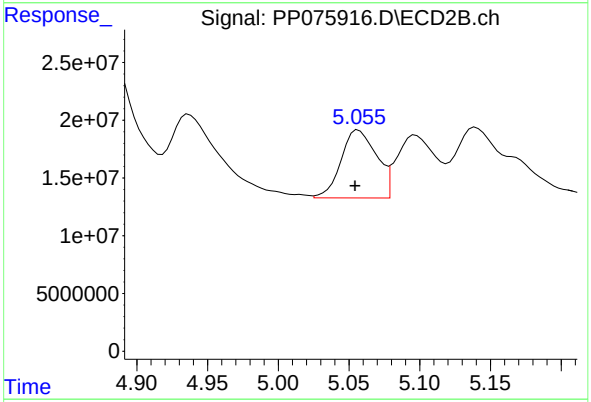
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 183523265
Conc: 536.72 ng/ml



#5 AR-1016-3

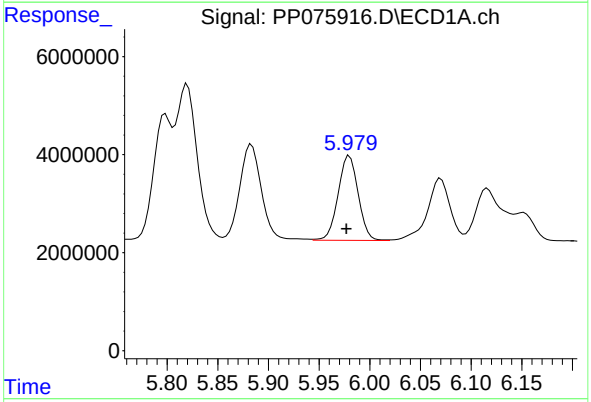
R.T.: 5.883 min
Delta R.T.: 0.004 min
Response: 29014100
Conc: 524.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



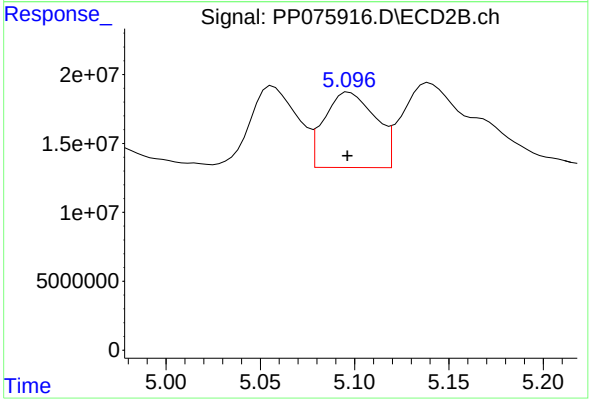
#5 AR-1016-3

R.T.: 5.057 min
Delta R.T.: 0.002 min
Response: 102767686
Conc: 500.47 ng/ml



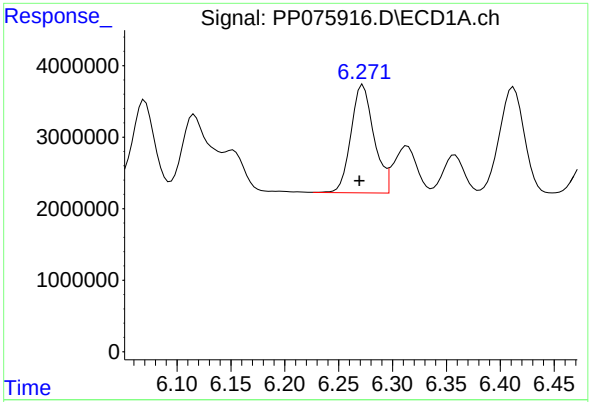
#6 AR-1016-4

R.T.: 5.980 min
Delta R.T.: 0.003 min
Response: 23843232
Conc: 524.72 ng/ml



#6 AR-1016-4

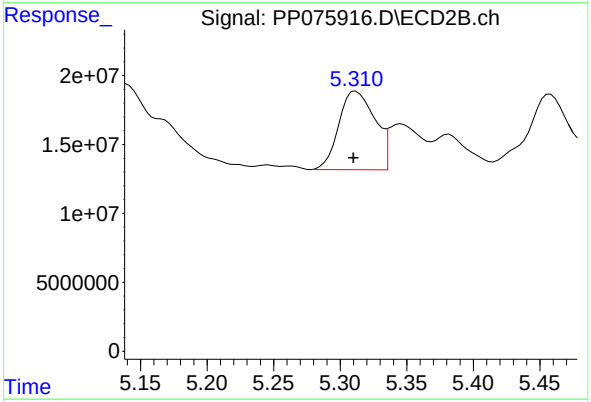
R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 102740344
Conc: 549.75 ng/ml



#7 AR-1016-5

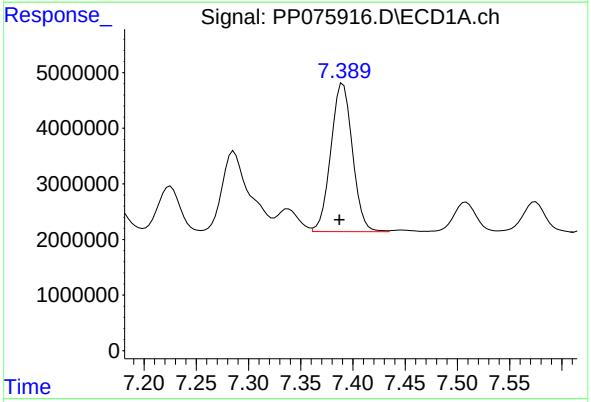
R.T.: 6.273 min
Delta R.T.: 0.003 min
Response: 22384300
Conc: 515.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



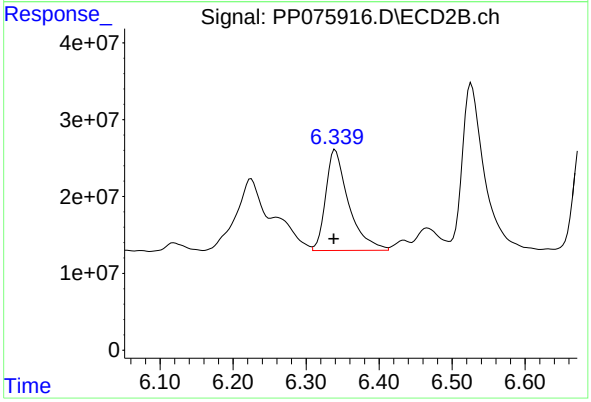
#7 AR-1016-5

R.T.: 5.312 min
Delta R.T.: 0.002 min
Response: 107646913
Conc: 472.17 ng/ml



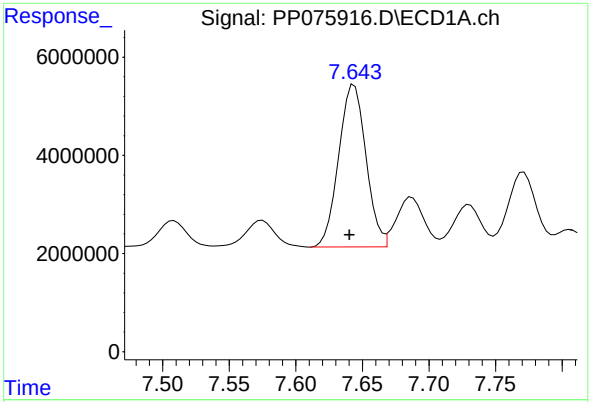
#31 AR-1260-1

R.T.: 7.391 min
Delta R.T.: 0.003 min
Response: 38313477
Conc: 557.23 ng/ml



#31 AR-1260-1

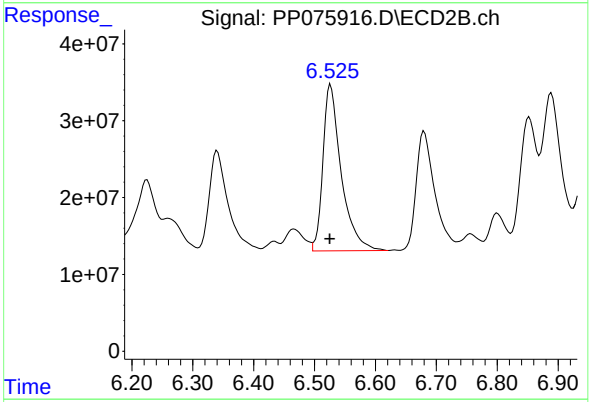
R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 286168367
Conc: 522.50 ng/ml



#32 AR-1260-2

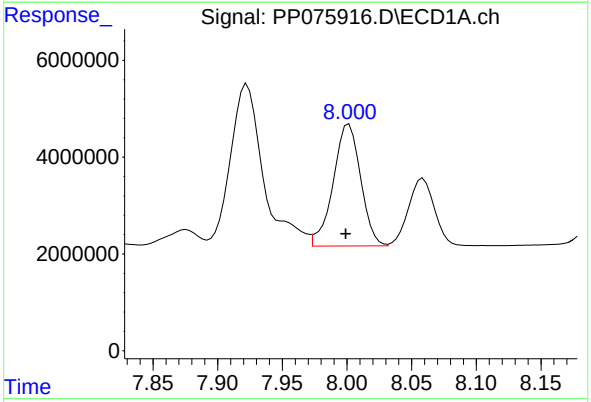
R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 47189702
Conc: 526.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



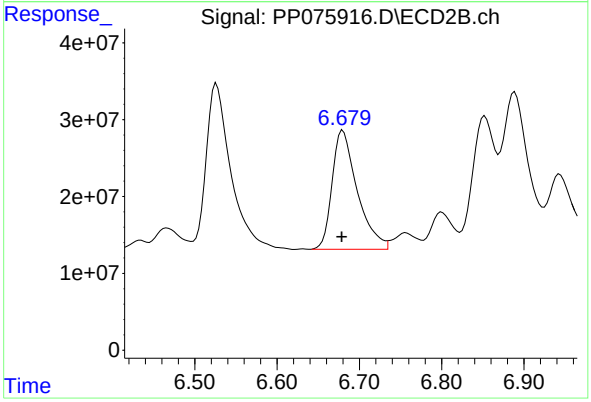
#32 AR-1260-2

R.T.: 6.526 min
Delta R.T.: 0.002 min
Response: 452257269
Conc: 555.78 ng/ml



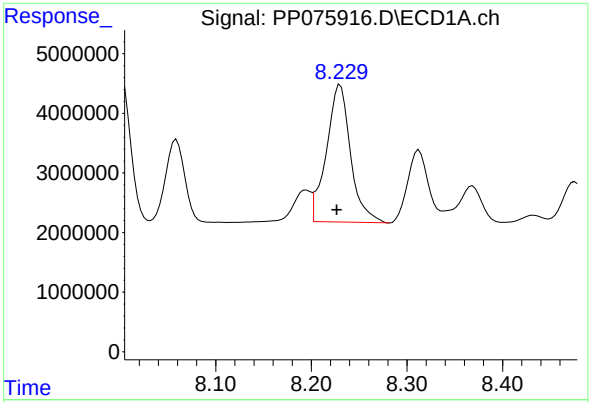
#33 AR-1260-3

R.T.: 8.002 min
Delta R.T.: 0.002 min
Response: 37186118
Conc: 536.70 ng/ml



#33 AR-1260-3

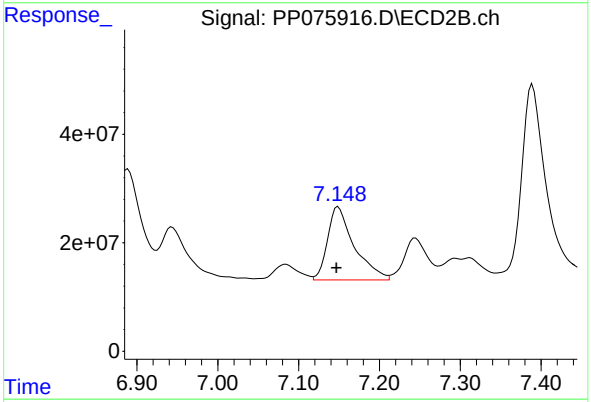
R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 328856179
Conc: 584.37 ng/ml



#34 AR-1260-4

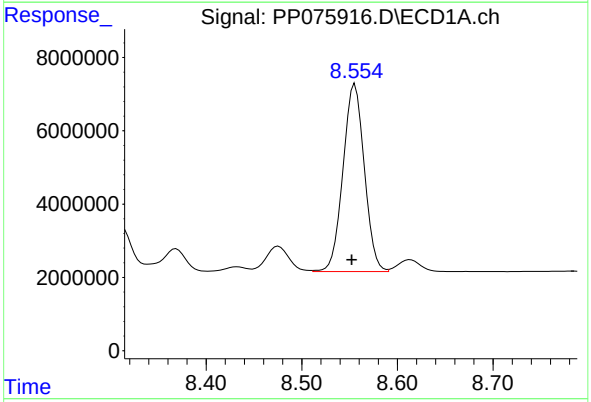
R.T.: 8.230 min
Delta R.T.: 0.004 min
Response: 40498377
Conc: 590.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



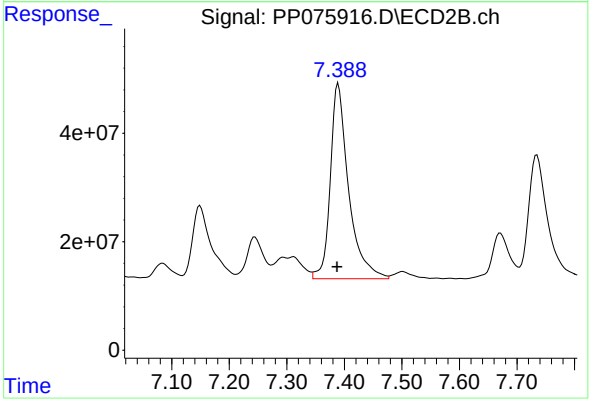
#34 AR-1260-4

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 308806751
Conc: 594.62 ng/ml



#35 AR-1260-5

R.T.: 8.556 min
Delta R.T.: 0.004 min
Response: 79566551
Conc: 537.79 ng/ml



#35 AR-1260-5

R.T.: 7.389 min
Delta R.T.: 0.002 min
Response: 796768819
Conc: 587.78 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:06
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:16:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.784	79486082	365.2E6	55.620	55.173
2)	SA Decachlor...	10.423	8.785	64567530	484.9E6	59.978m	58.969
	Target Compounds						
16)	L4 AR-1242-1	5.799	4.879	24532478	301.7E6	512.088	524.891
17)	L4 AR-1242-2	5.820	4.937	37086619	138.8E6	523.883	499.981
18)	L4 AR-1242-3	5.883	5.057	22990427	78773054	503.714	500.427
19)	L4 AR-1242-4	5.980	5.139	18909181	99357590	520.064	536.743m
20)	L4 AR-1242-5	6.710	5.660	21676788	123.9E6	529.426	538.030

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:06
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

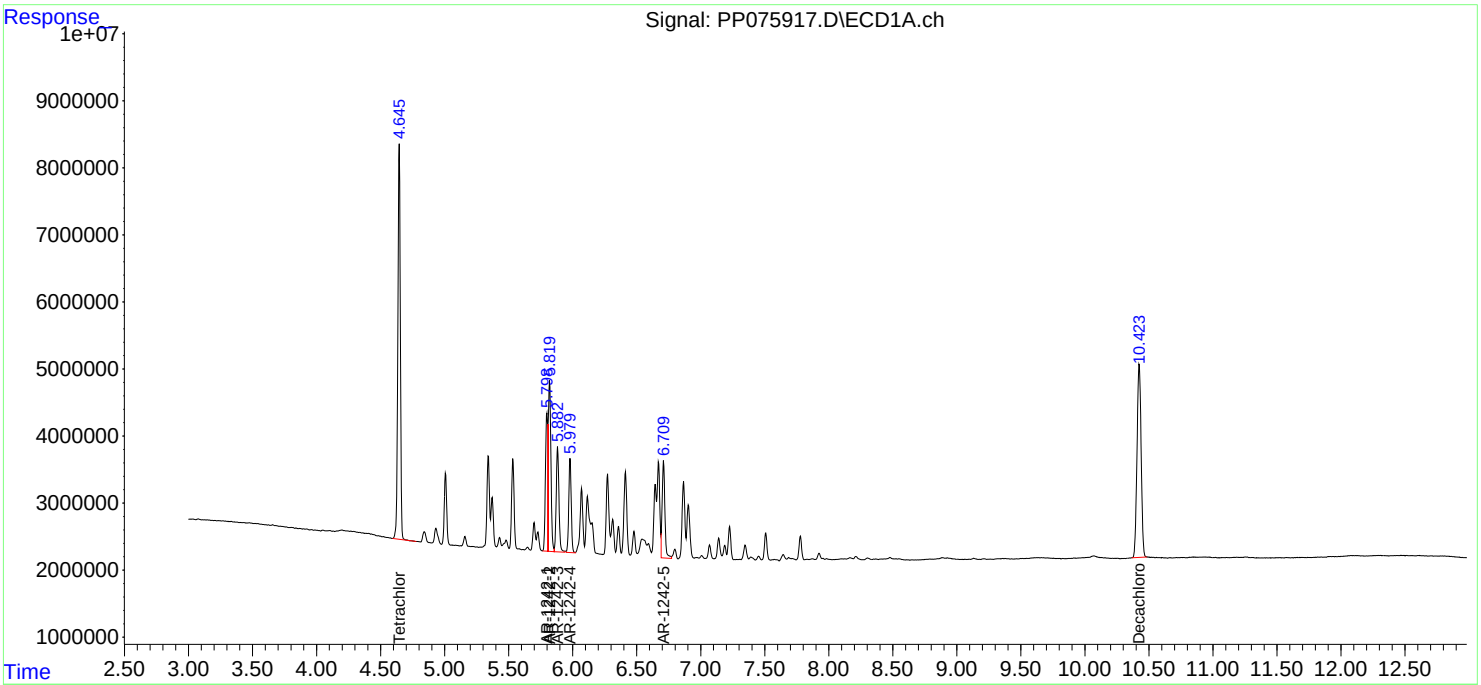
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

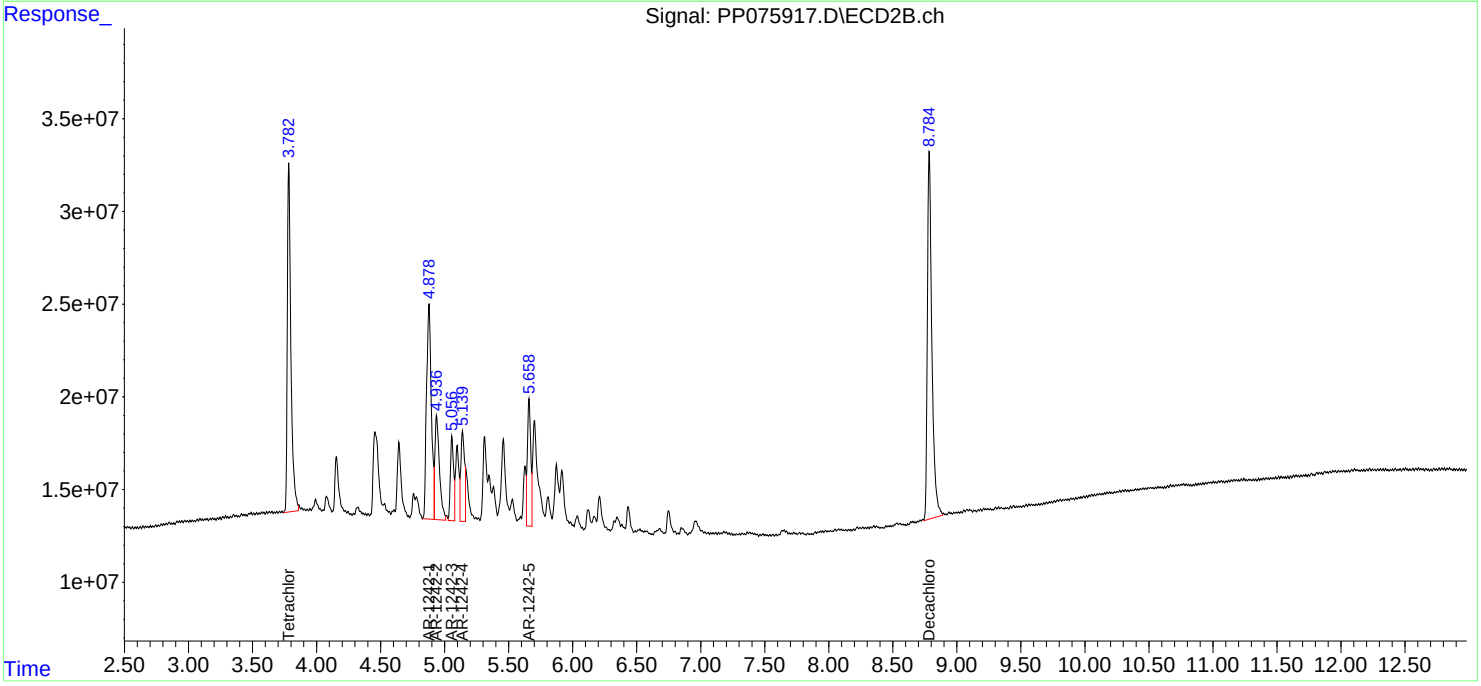
Manual Integrations APPROVED

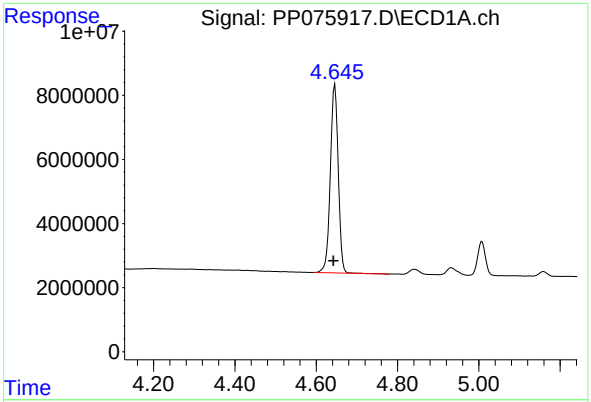
Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:16:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







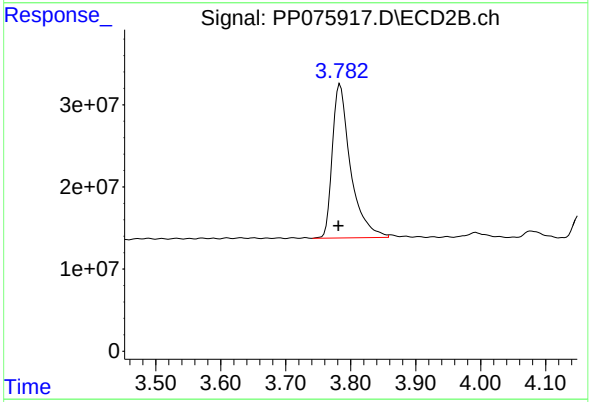
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.004 min
Response: 79486082
Conc: 55.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

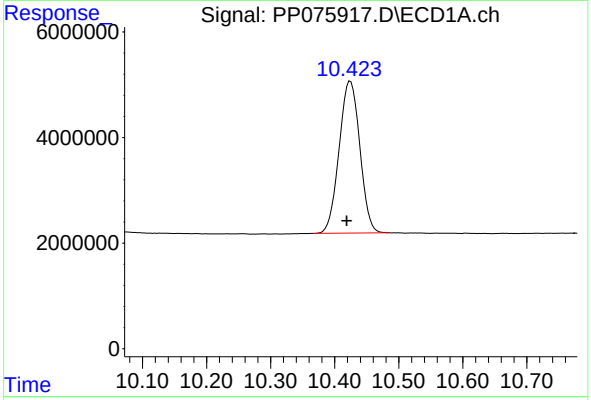
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



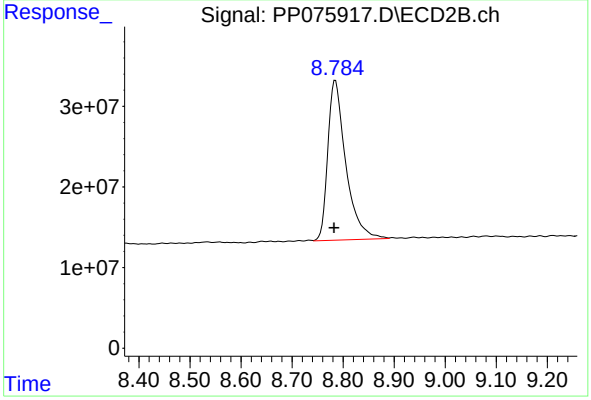
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 365150597
Conc: 55.17 ng/ml



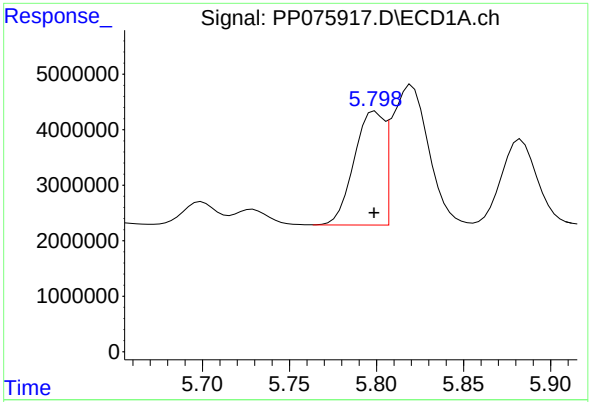
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.004 min
Response: 64567530
Conc: 59.98 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.003 min
Response: 484904598
Conc: 58.97 ng/ml



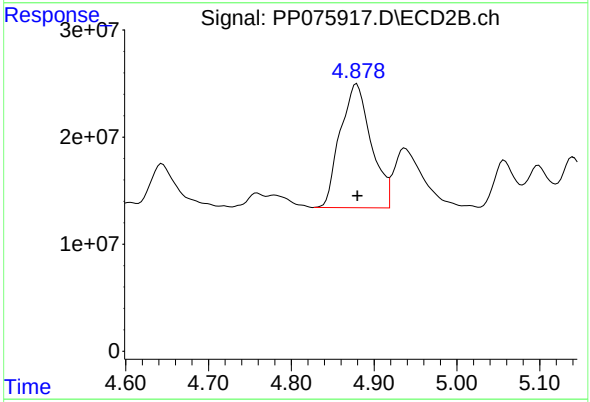
#16 AR-1242-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 24532478
Conc: 512.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

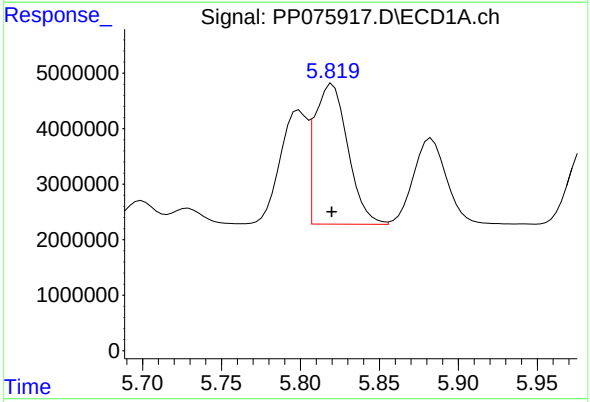
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



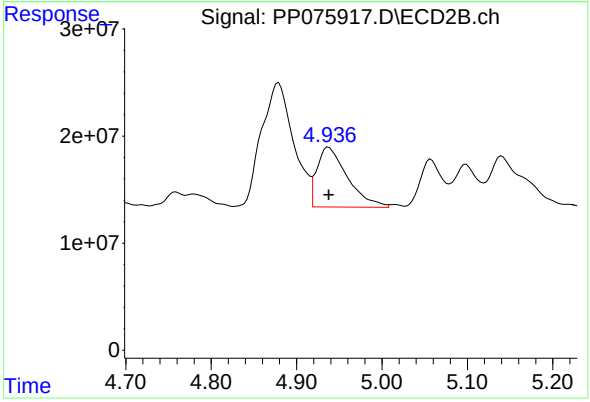
#16 AR-1242-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 301682488
Conc: 524.89 ng/ml



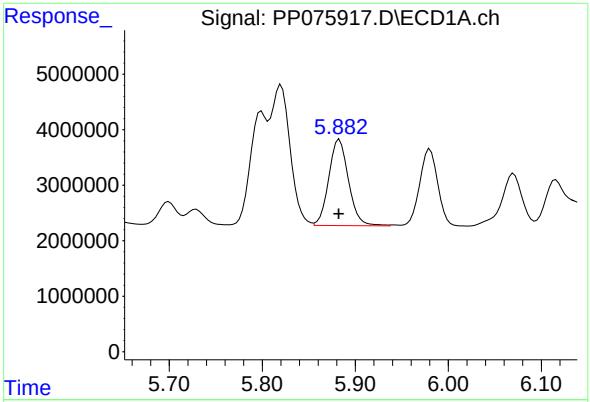
#17 AR-1242-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 37086619
Conc: 523.88 ng/ml



#17 AR-1242-2

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 138750292
Conc: 499.98 ng/ml



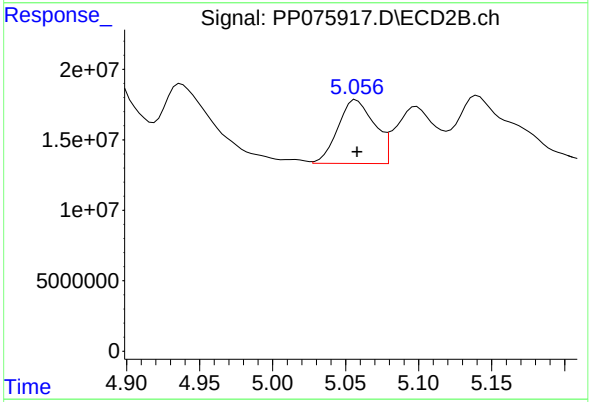
#18 AR-1242-3

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 22990427
Conc: 503.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

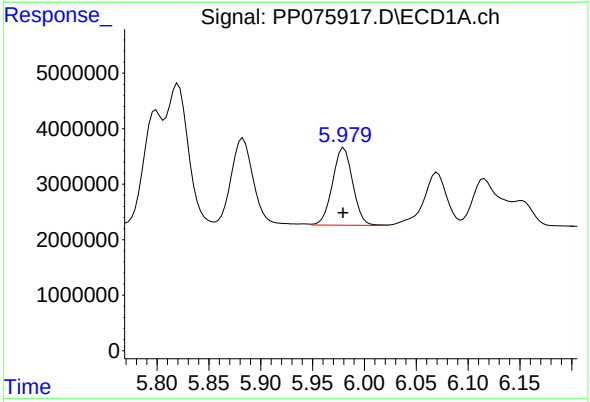
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



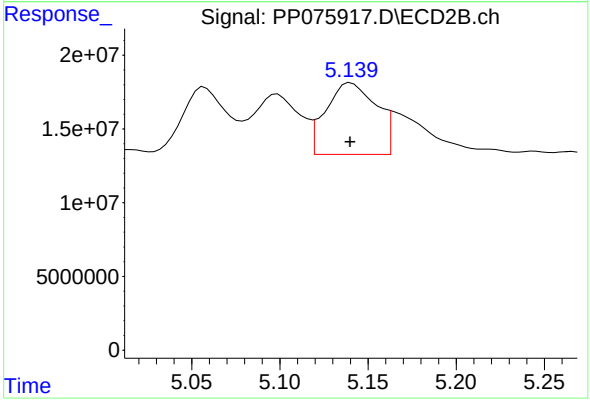
#18 AR-1242-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 78773054
Conc: 500.43 ng/ml



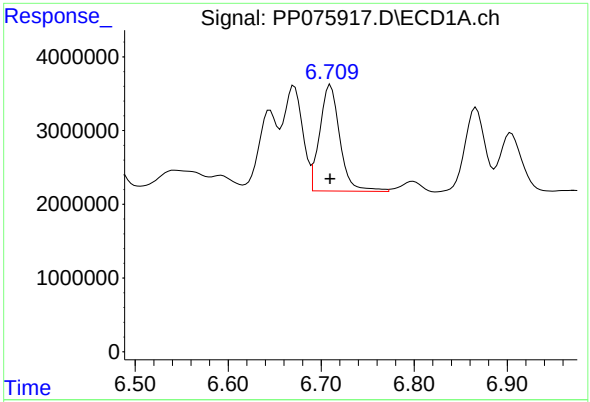
#19 AR-1242-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 18909181
Conc: 520.06 ng/ml



#19 AR-1242-4

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 99357590
Conc: 536.74 ng/ml m



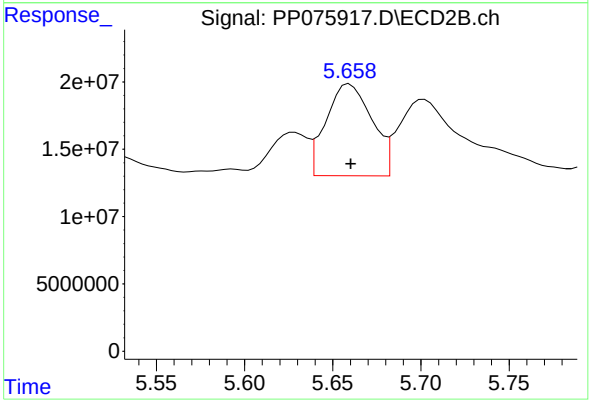
#20 AR-1242-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 21676788
Conc: 529.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 123874613
Conc: 538.03 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:39
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.647	3.784	77354608	375.4E6	54.128	56.717
2)	SA Decachlor...	10.425	8.785	62090346	474.3E6	57.677	57.676
	Target Compounds						
21)	L5 AR-1248-1	5.799	4.878	18454423	193.8E6	514.472	515.973
22)	L5 AR-1248-2	6.070	5.099	24718037	124.2E6	507.095	505.124
23)	L5 AR-1248-3	6.273	5.138	27349933	132.7E6	504.009	462.616m
24)	L5 AR-1248-4	6.671	5.312	33802442	144.9E6	509.348	512.423
25)	L5 AR-1248-5	6.711	5.701	33065578	279.8E6	509.794	538.456

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:39
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

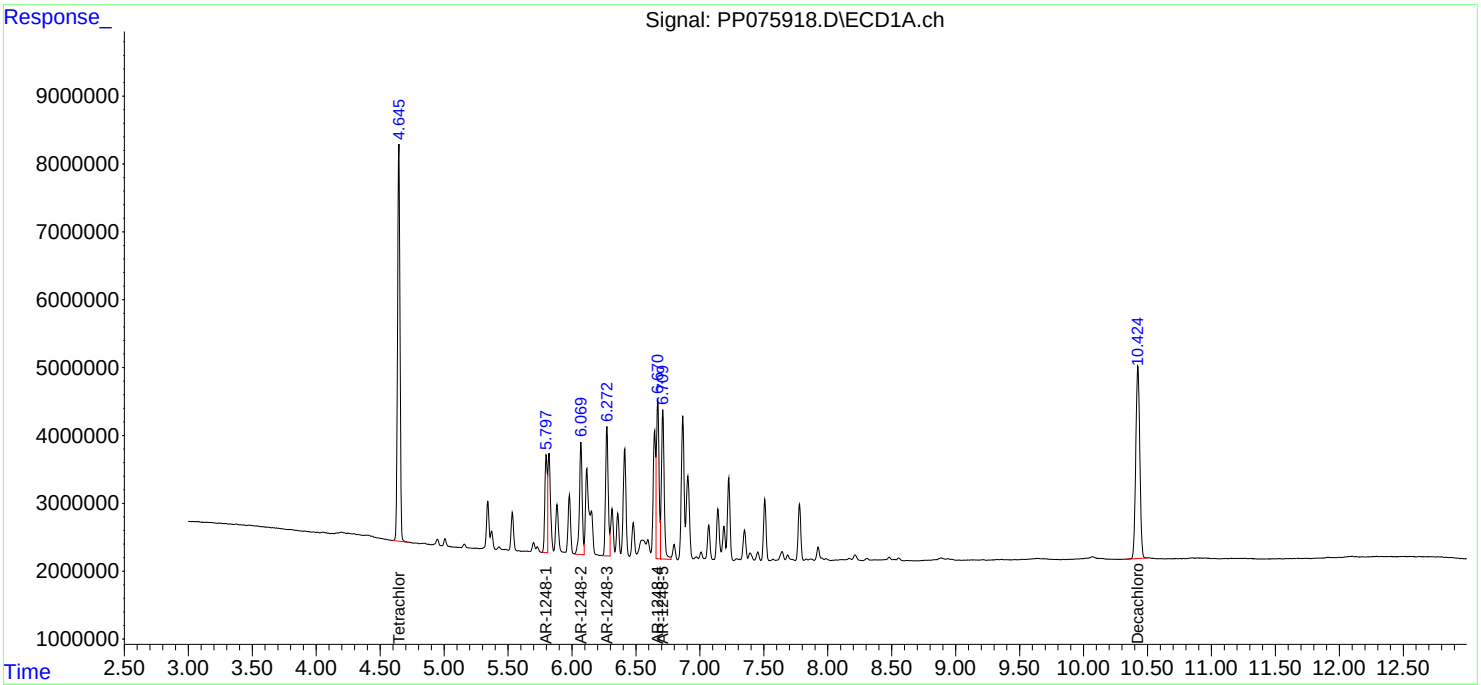
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

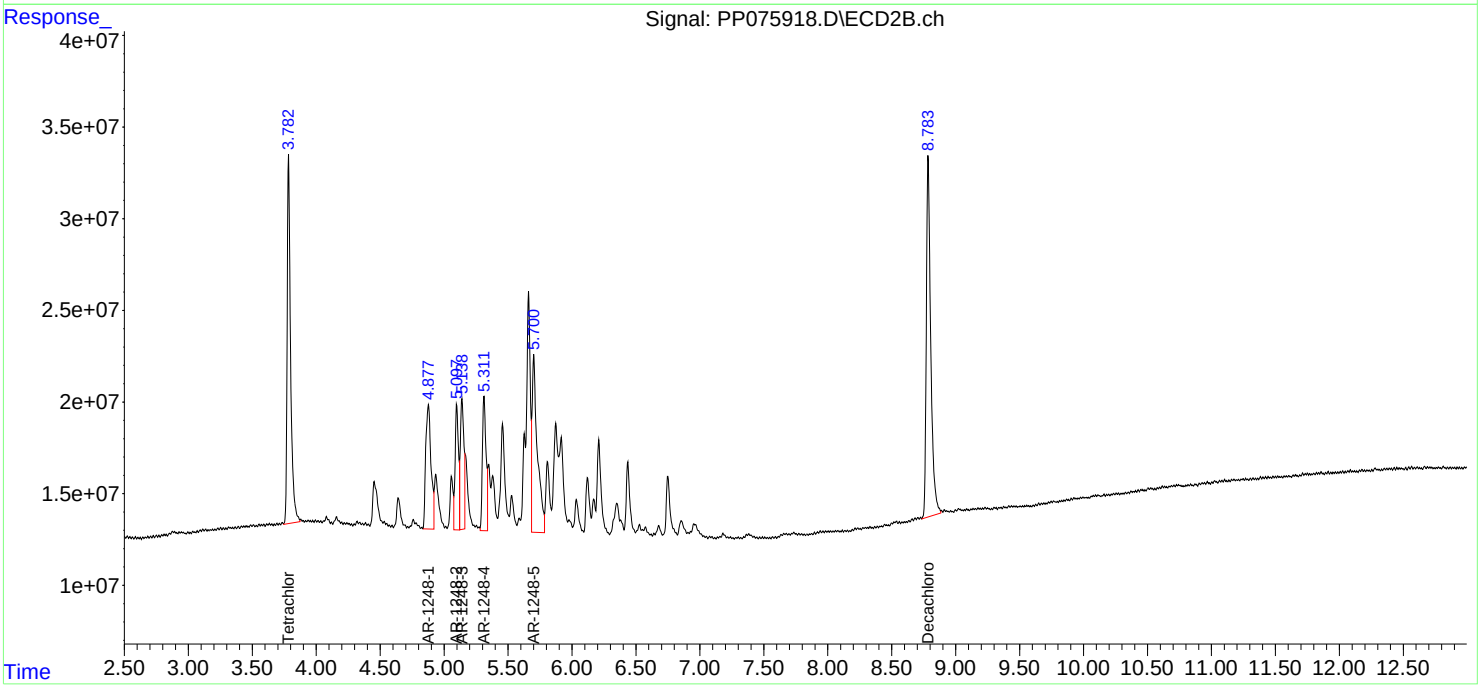
Manual Integrations APPROVED

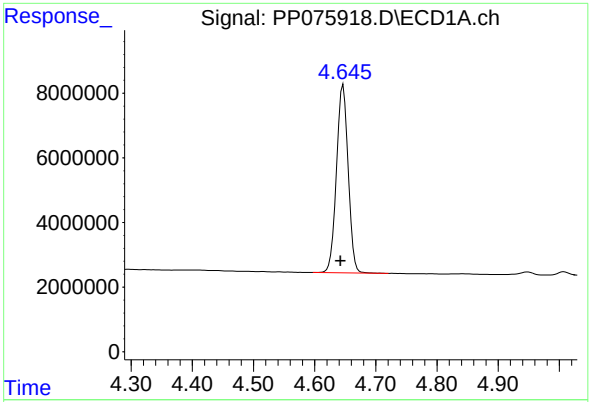
Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







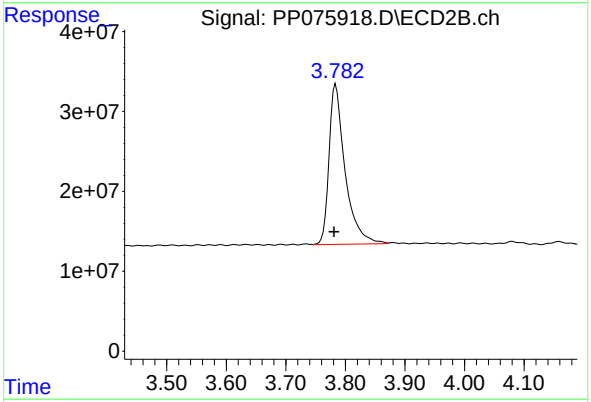
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.005 min
Response: 77354608
Conc: 54.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

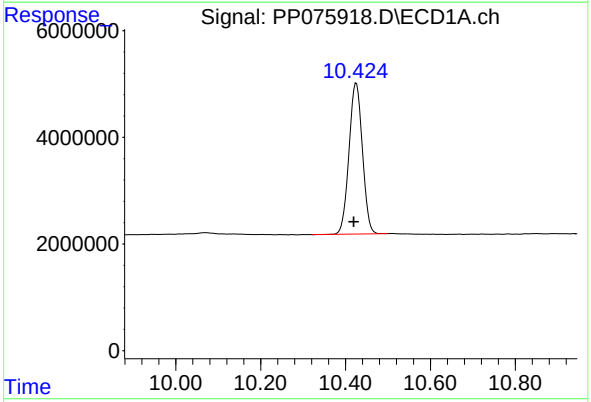
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



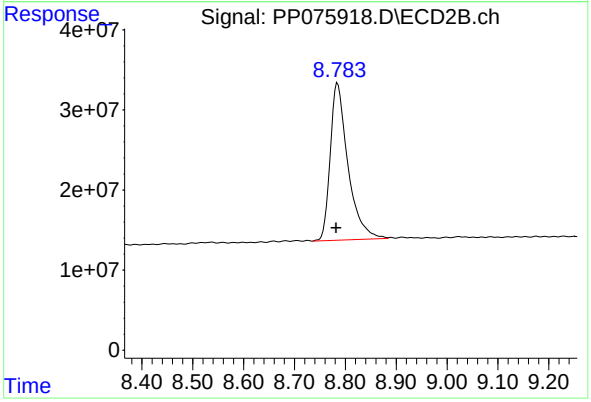
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 375366423
Conc: 56.72 ng/ml



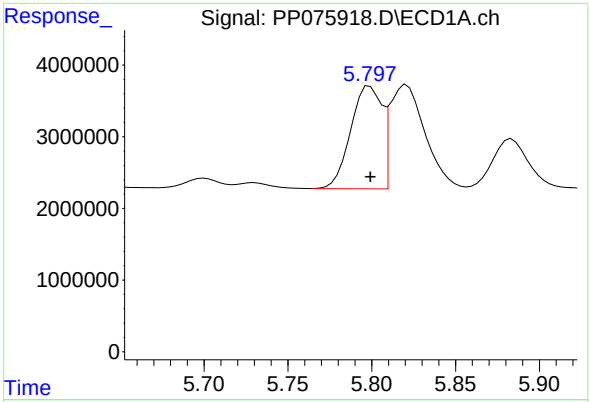
#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.006 min
Response: 62090346
Conc: 57.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.003 min
Response: 474267574
Conc: 57.68 ng/ml



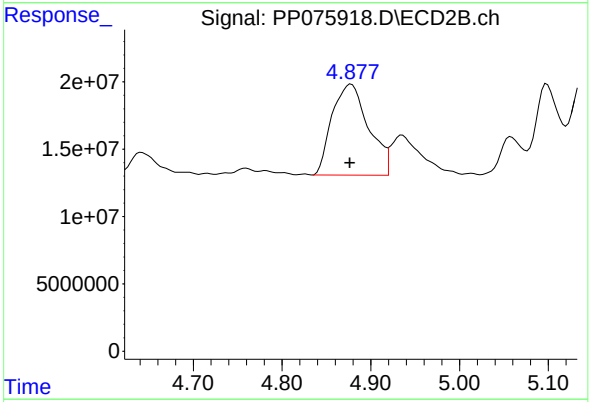
#21 AR-1248-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 18454423
Conc: 514.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

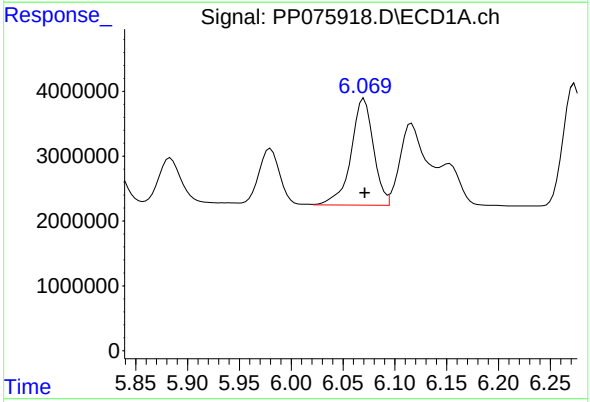
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



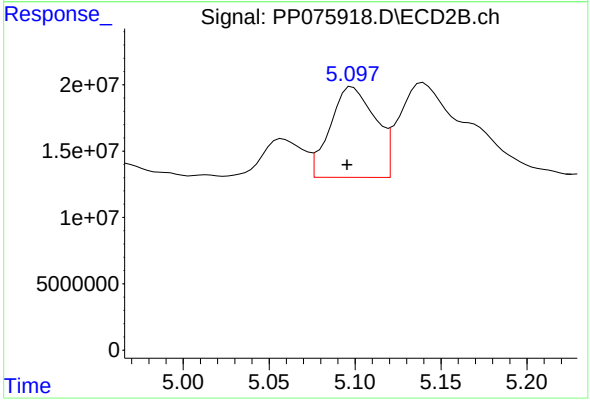
#21 AR-1248-1

R.T.: 4.878 min
Delta R.T.: 0.002 min
Response: 193808136
Conc: 515.97 ng/ml



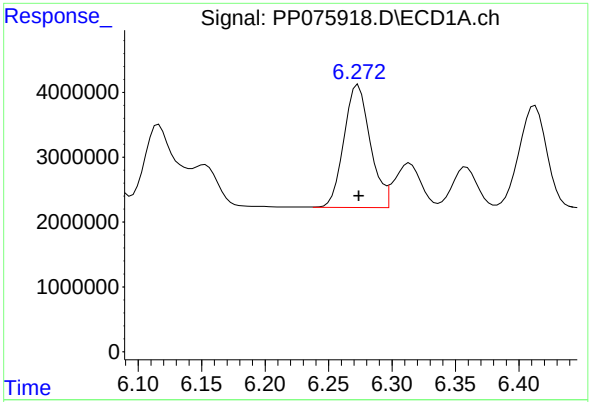
#22 AR-1248-2

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 24718037
Conc: 507.09 ng/ml



#22 AR-1248-2

R.T.: 5.099 min
Delta R.T.: 0.003 min
Response: 124214072
Conc: 505.12 ng/ml



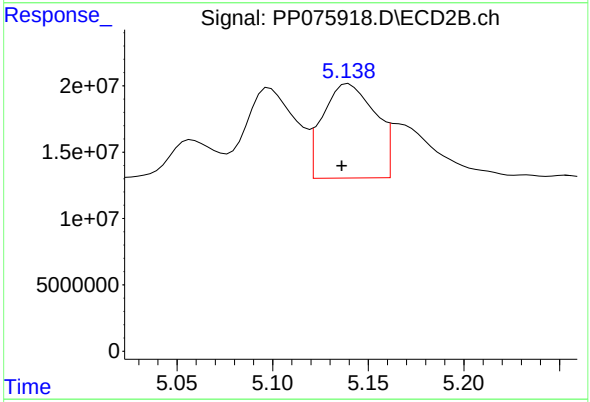
#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 27349933
Conc: 504.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

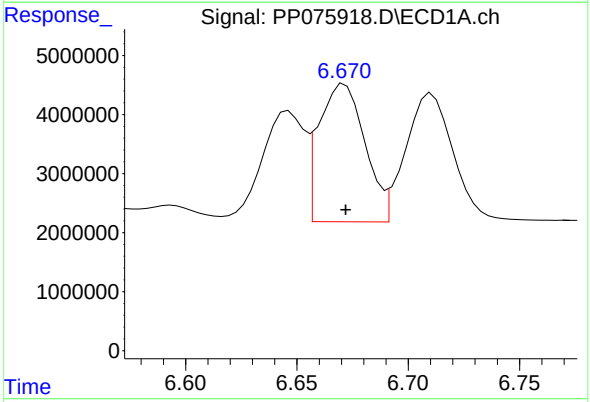
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



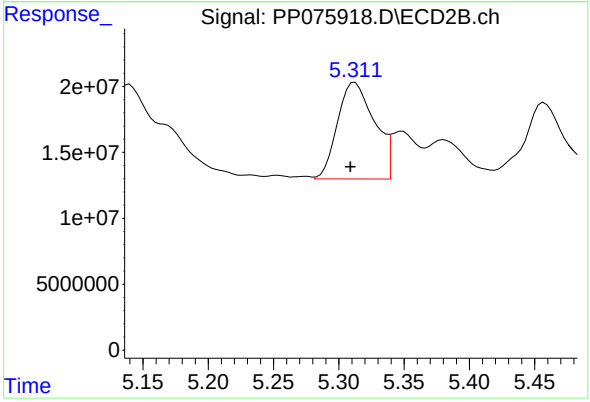
#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.002 min
Response: 132721172
Conc: 462.62 ng/ml m



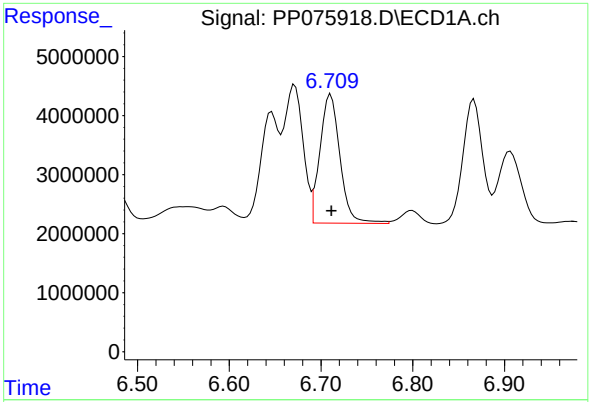
#24 AR-1248-4

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 33802442
Conc: 509.35 ng/ml



#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.003 min
Response: 144867747
Conc: 512.42 ng/ml



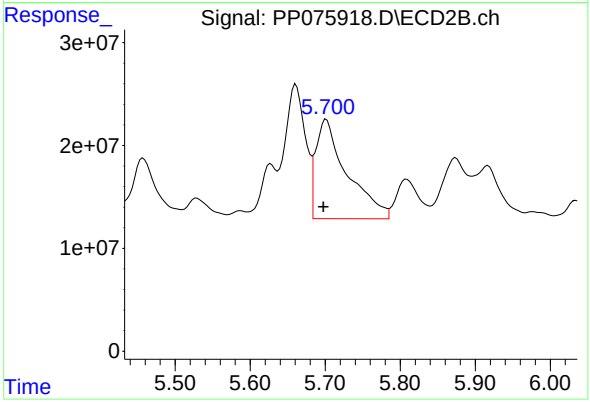
#25 AR-1248-5

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 33065578
Conc: 509.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.004 min
Response: 279813450
Conc: 538.46 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 08:49
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 09:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.654	3.784	73513288	361.3E6	51.441	54.591
2)	SA Decachlor...	10.439	8.789	61994754	468.2E6	57.588	56.937
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.662	33305659	337.3E6	416.876	597.997m#
27)	L6 AR-1254-2	6.873	5.811	45460472	248.5E6	454.676	468.721
28)	L6 AR-1254-3	7.235	6.214	47667437	420.5E6	458.540	494.093
29)	L6 AR-1254-4	7.517	6.439	37597676	337.3E6	449.659	535.605
30)	L6 AR-1254-5	7.934	6.855	44185805	348.6E6	482.532	484.302

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 08:49
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

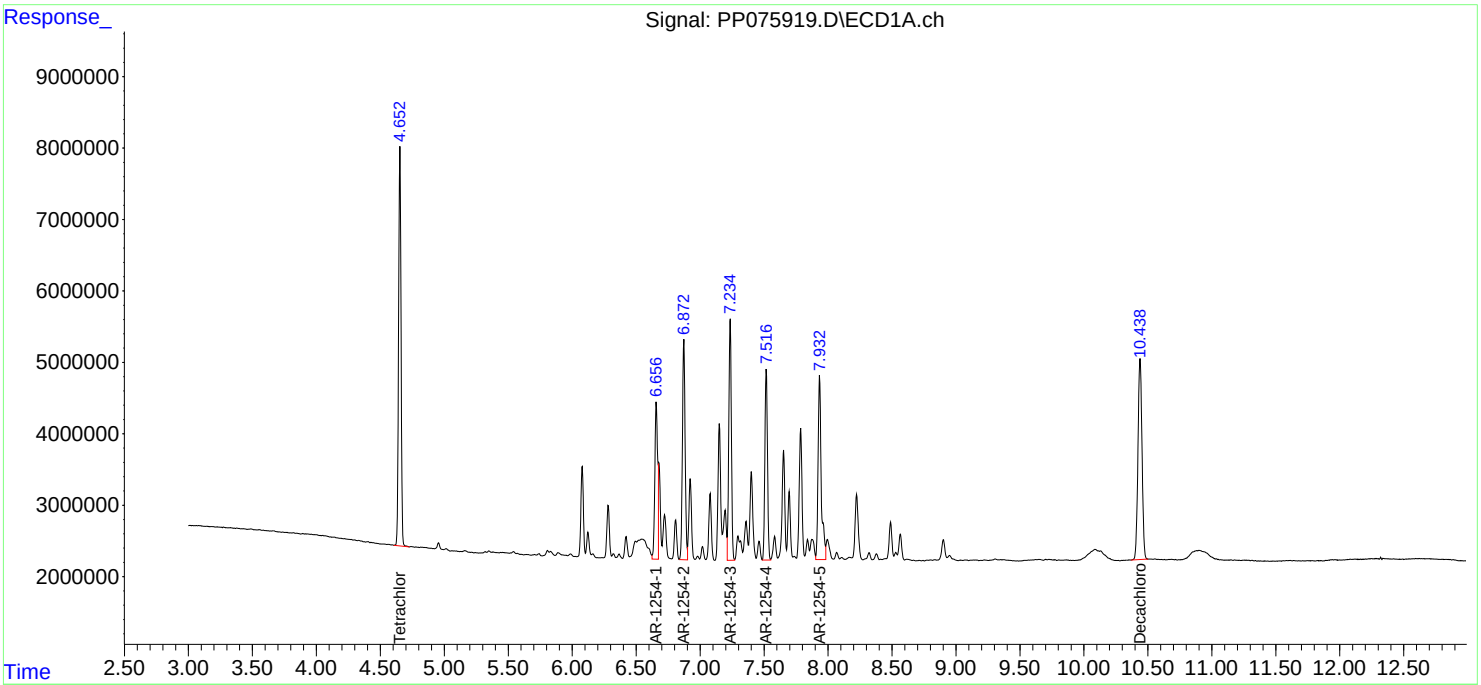
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

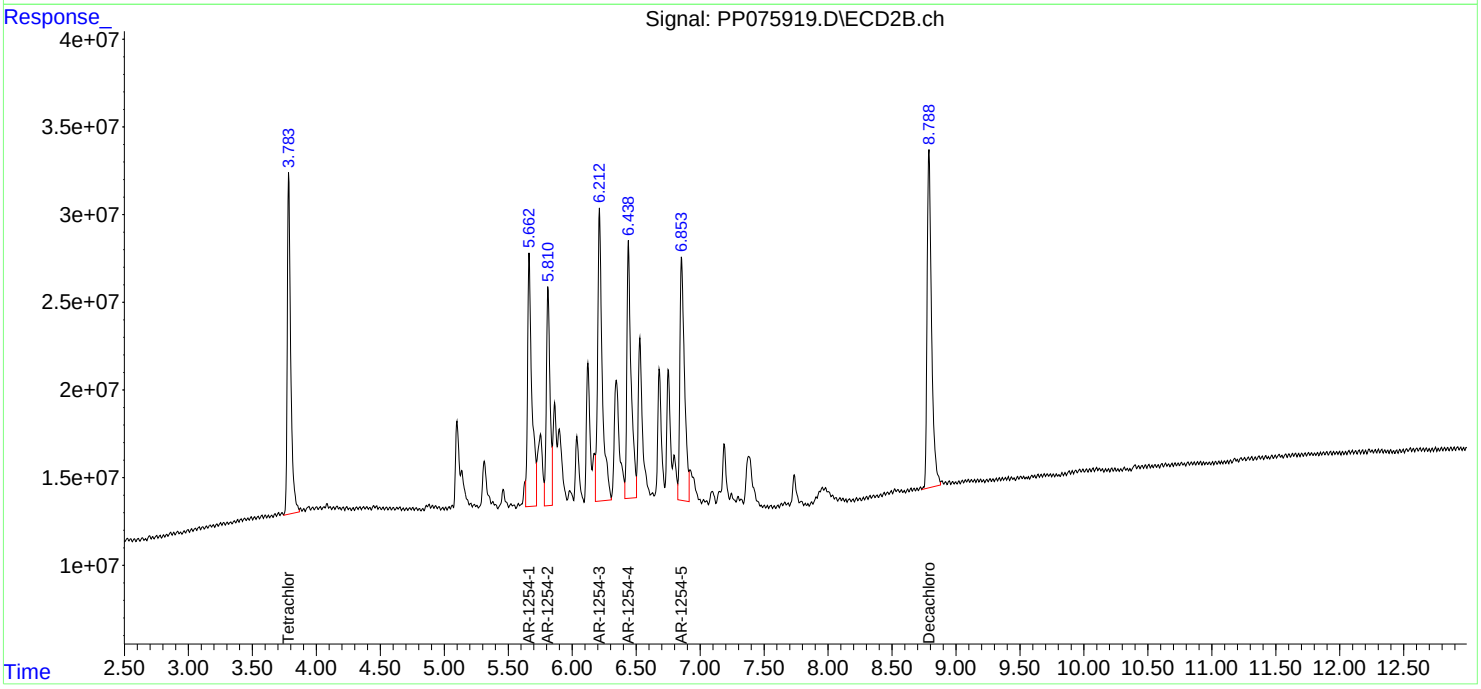
Manual Integrations APPROVED

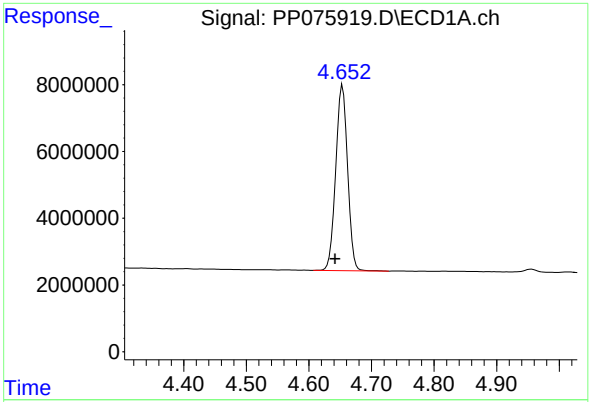
Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 09:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







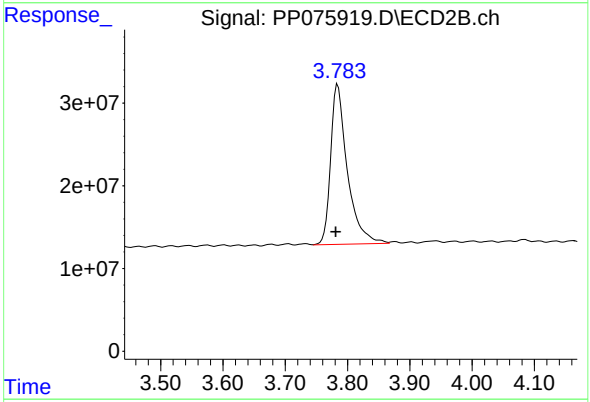
#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.012 min
Response: 73513288
Conc: 51.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

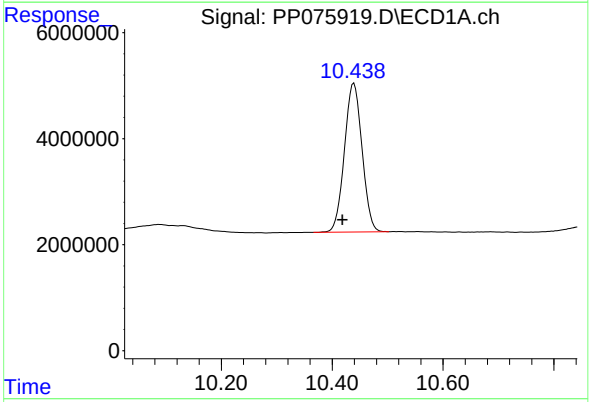
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



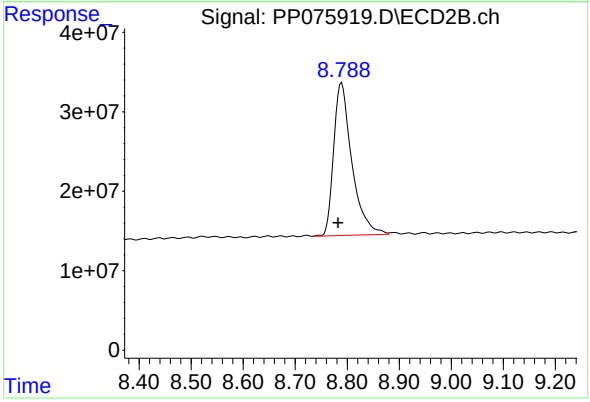
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 361298176
Conc: 54.59 ng/ml



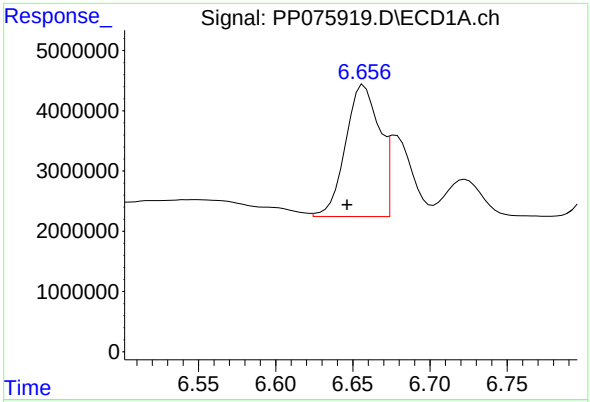
#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.020 min
Response: 61994754
Conc: 57.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: 0.007 min
Response: 468189220
Conc: 56.94 ng/ml



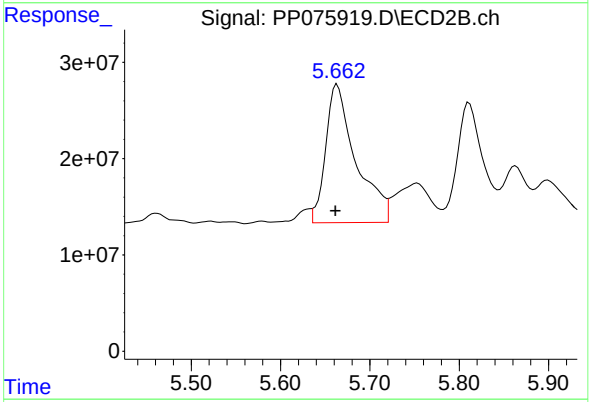
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.011 min
Response: 33305659
Conc: 416.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

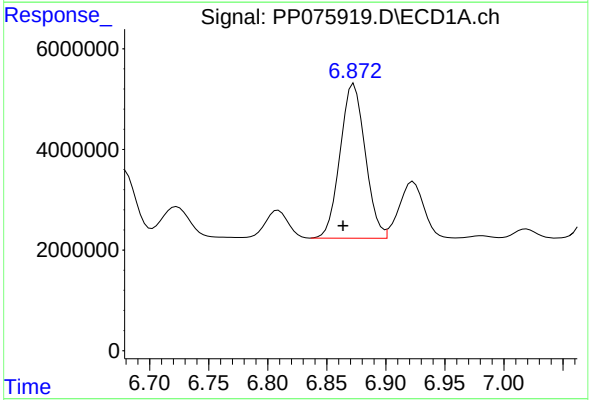
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



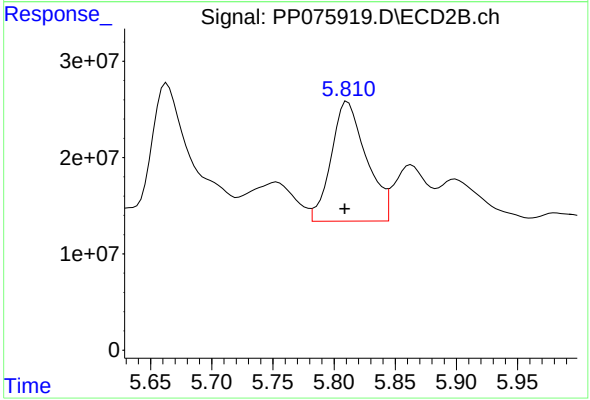
#26 AR-1254-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 337270442
Conc: 598.00 ng/ml m



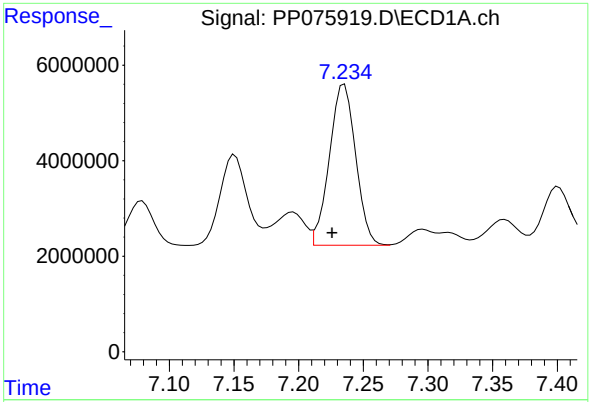
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: 0.009 min
Response: 45460472
Conc: 454.68 ng/ml



#27 AR-1254-2

R.T.: 5.811 min
Delta R.T.: 0.003 min
Response: 248460060
Conc: 468.72 ng/ml



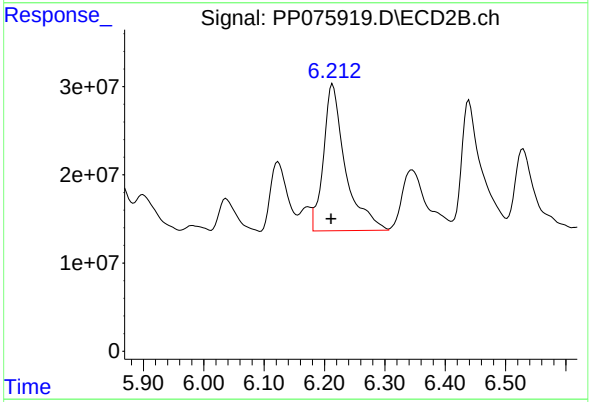
#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.009 min
Response: 47667437
Conc: 458.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

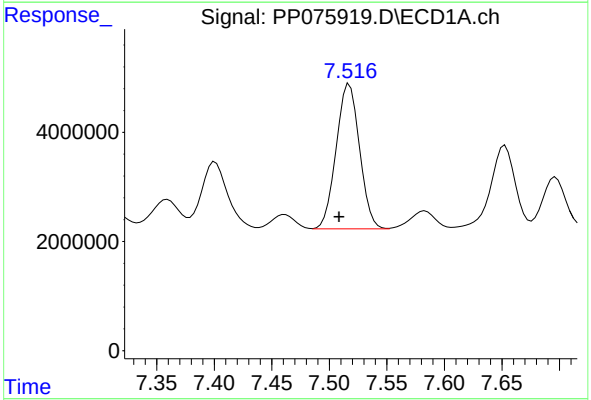
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



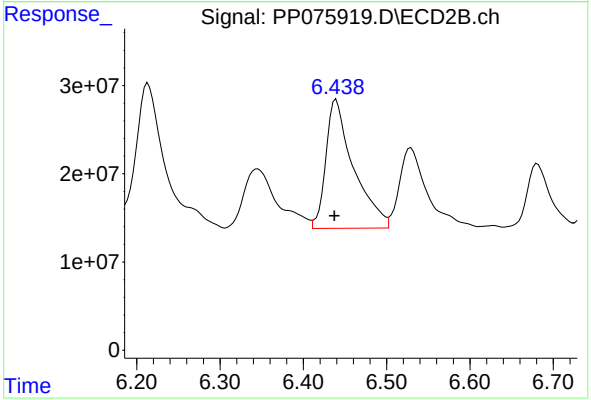
#28 AR-1254-3

R.T.: 6.214 min
Delta R.T.: 0.003 min
Response: 420518097
Conc: 494.09 ng/ml



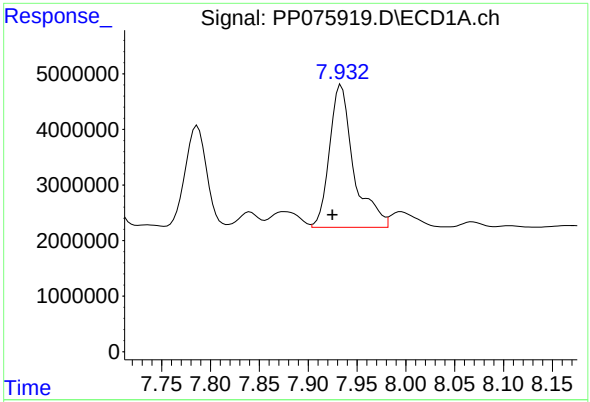
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.009 min
Response: 37597676
Conc: 449.66 ng/ml



#29 AR-1254-4

R.T.: 6.439 min
Delta R.T.: 0.002 min
Response: 337314232
Conc: 535.61 ng/ml



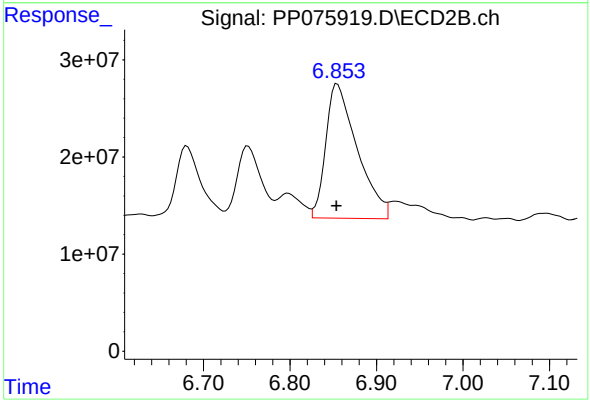
#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.009 min
Response: 44185805
Conc: 482.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025



#30 AR-1254-5

R.T.: 6.855 min
Delta R.T.: 0.001 min
Response: 348640193
Conc: 484.30 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 09:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:38:49 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...	4.648	3.782	80645176	382.7E6	50.921	52.402
2)	SA Decachlor...	10.430	8.784	112.8E6	913.8E6	52.199	55.404
	Target Compounds						
41)	L9 AR-1268-1	8.881	7.671	106.5E6	989.5E6	515.825	546.466
42)	L9 AR-1268-2	8.976	7.736	98184801	960.8E6	521.533	553.714
43)	L9 AR-1268-3	9.216	7.942	81566200	749.4E6	525.609	548.157
44)	L9 AR-1268-4	9.645	8.228	39672536	280.8E6	504.438	542.576
45)	L9 AR-1268-5	10.076	8.525	246.0E6	2111.9E6	512.030	559.930

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

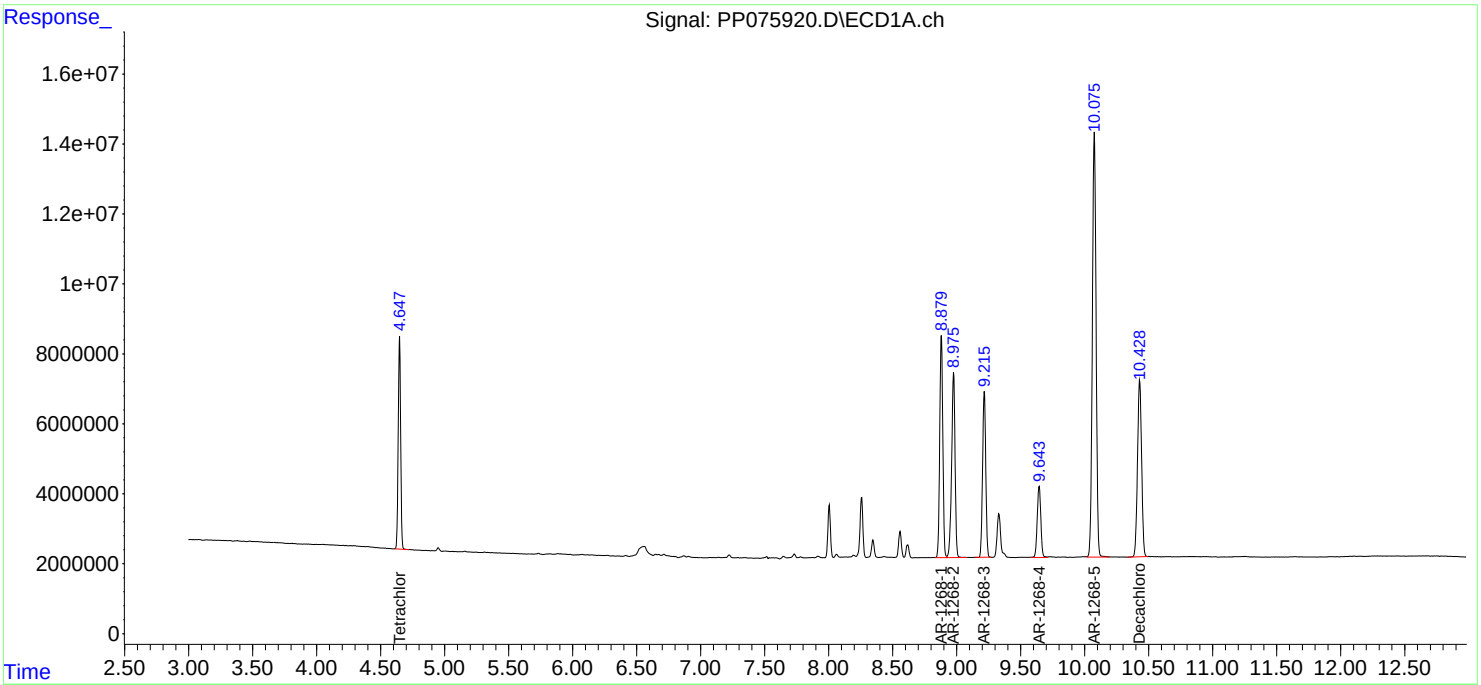
ICAL Form

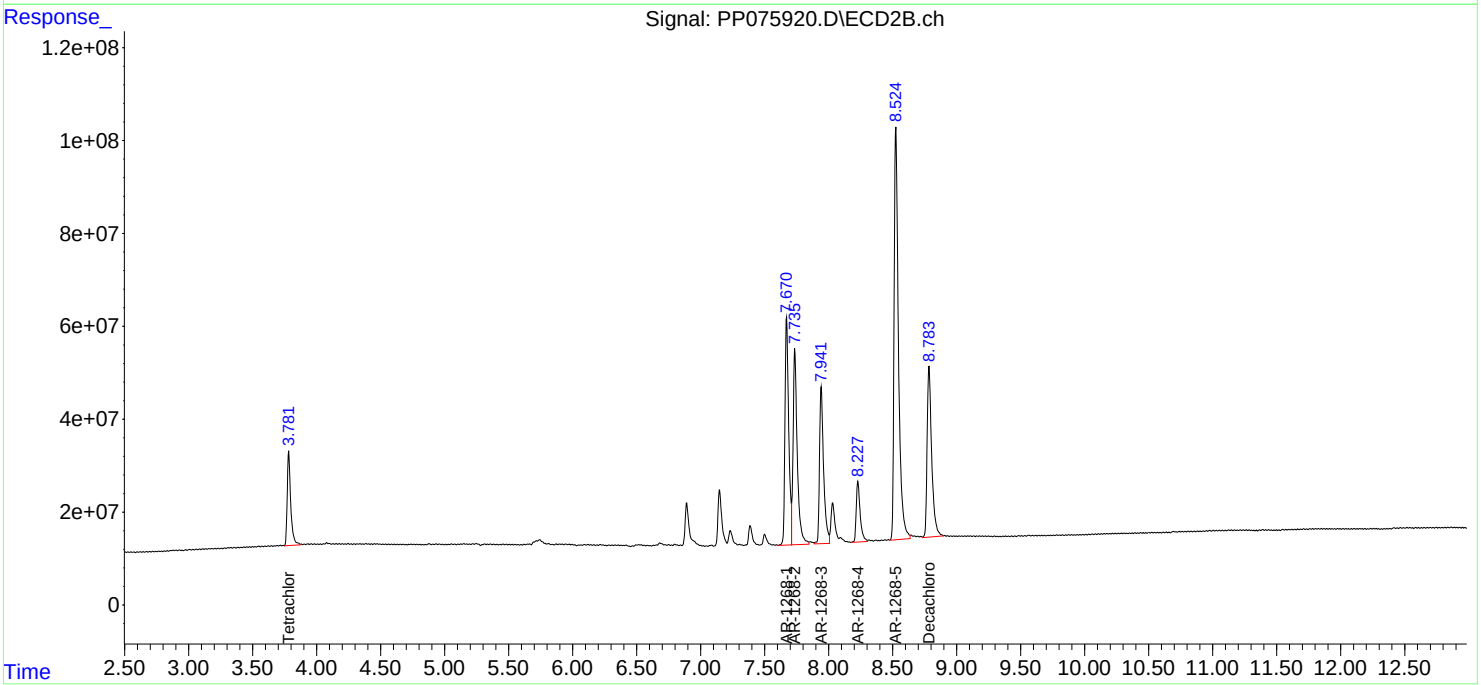
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 09:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

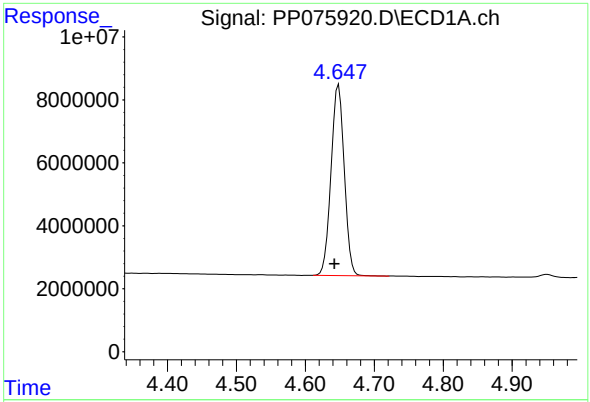
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:38:49 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



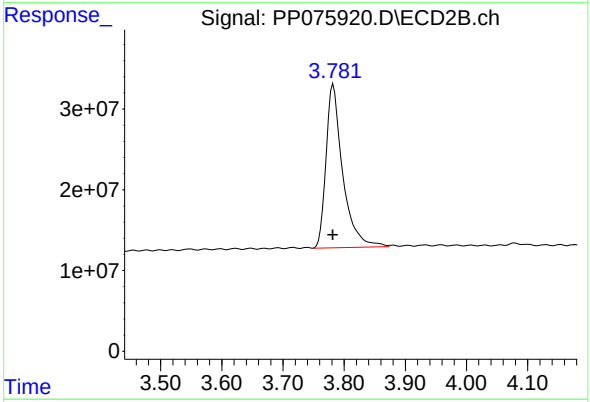




#1 Tetrachloro-m-xylene

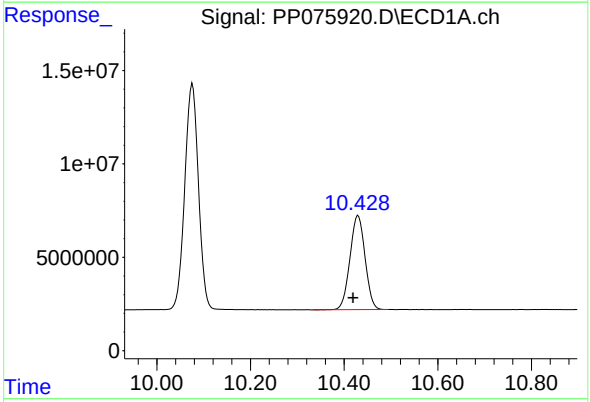
R.T.: 4.648 min
Delta R.T.: 0.006 min
Response: 80645176
Conc: 50.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268



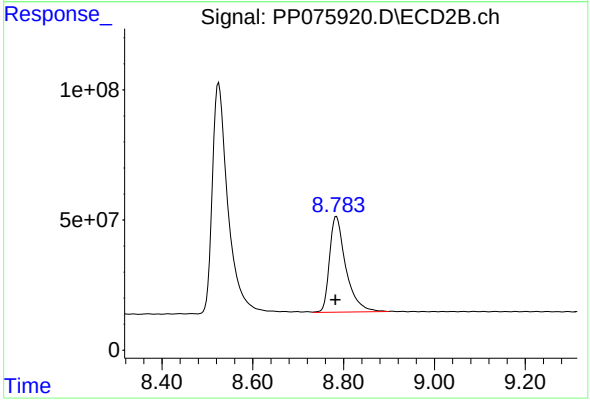
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.001 min
Response: 382676778
Conc: 52.40 ng/ml



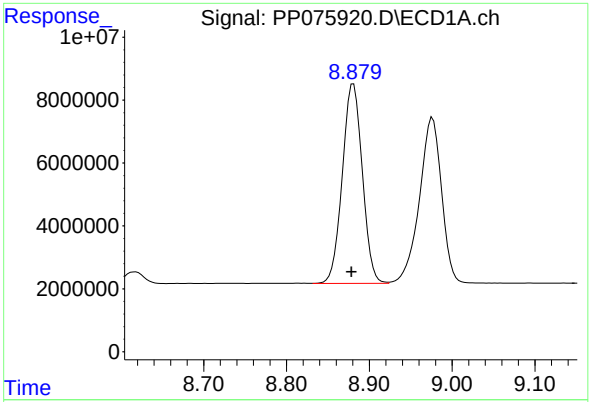
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.011 min
Response: 112806643
Conc: 52.20 ng/ml



#2 Decachlorobiphenyl

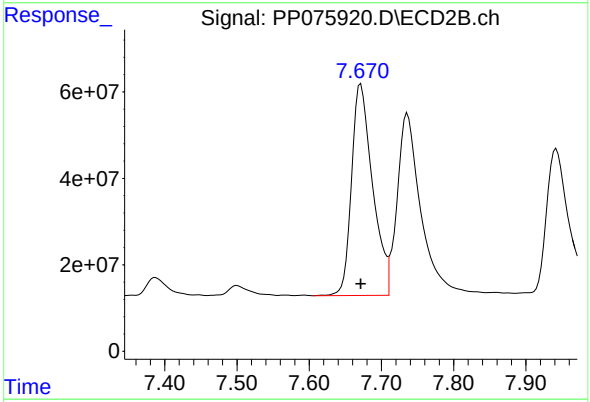
R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 913768766
Conc: 55.40 ng/ml



#41 AR-1268-1

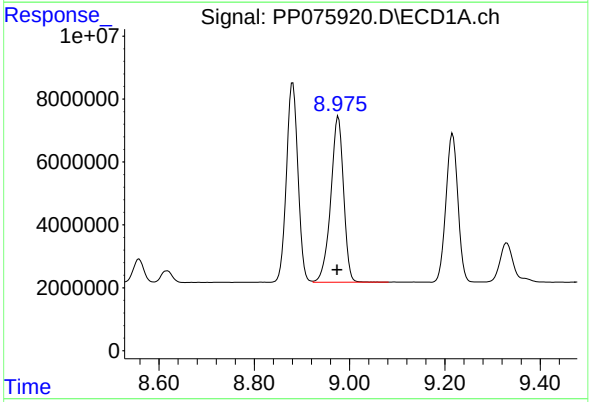
R.T.: 8.881 min
Delta R.T.: 0.002 min
Response: 106536710
Conc: 515.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268



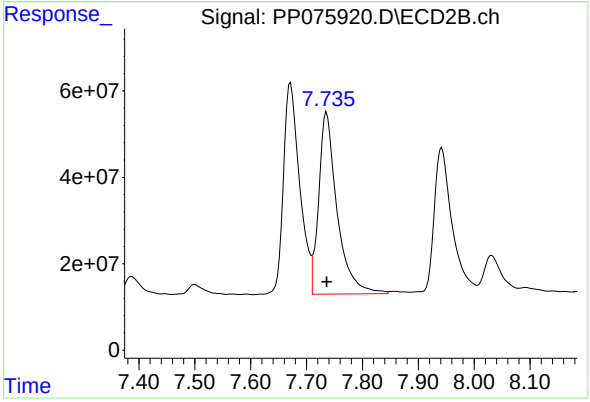
#41 AR-1268-1

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 989459670
Conc: 546.47 ng/ml



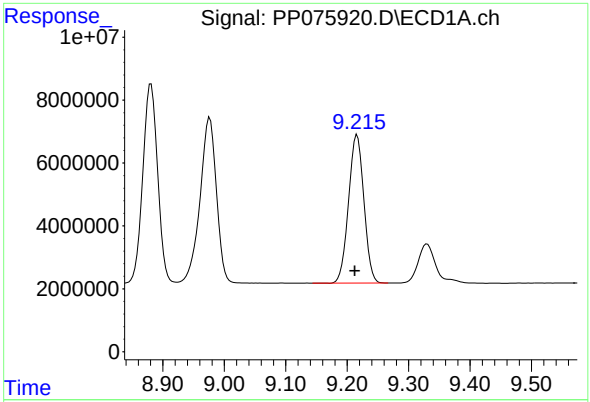
#42 AR-1268-2

R.T.: 8.976 min
Delta R.T.: 0.003 min
Response: 98184801
Conc: 521.53 ng/ml



#42 AR-1268-2

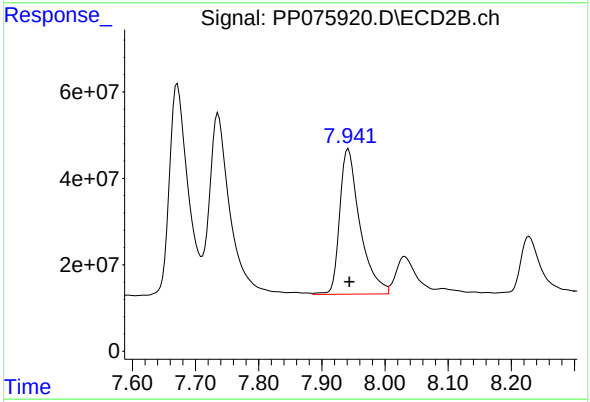
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 960757181
Conc: 553.71 ng/ml



#43 AR-1268-3

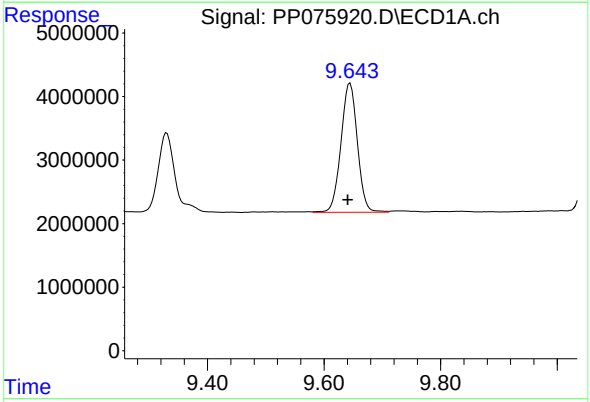
R.T.: 9.216 min
Delta R.T.: 0.004 min
Response: 81566200
Conc: 525.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268



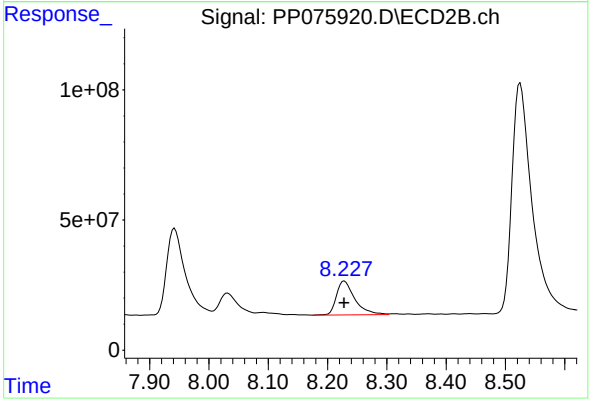
#43 AR-1268-3

R.T.: 7.942 min
Delta R.T.: -0.002 min
Response: 749381557
Conc: 548.16 ng/ml



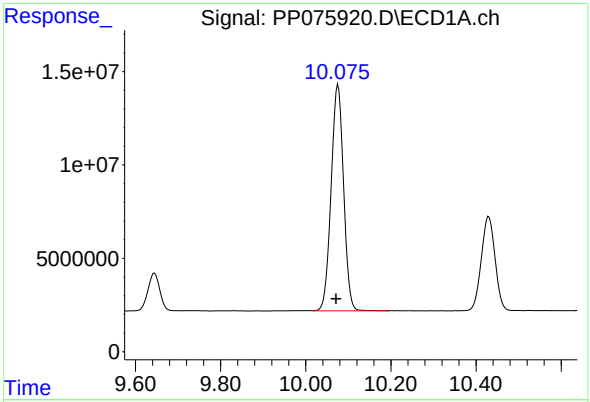
#44 AR-1268-4

R.T.: 9.645 min
Delta R.T.: 0.004 min
Response: 39672536
Conc: 504.44 ng/ml



#44 AR-1268-4

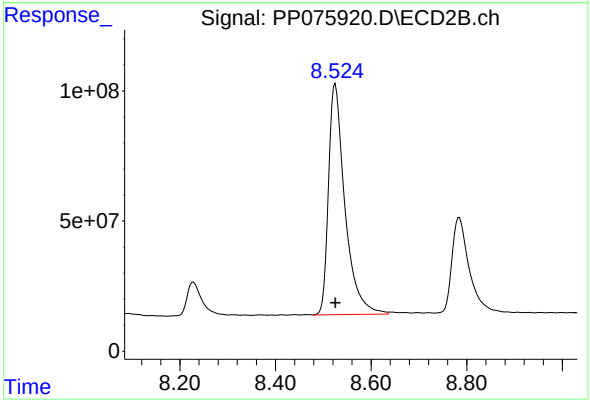
R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 280752507
Conc: 542.58 ng/ml



#45 AR-1268-5

R.T.: 10.076 min
Delta R.T.: 0.005 min
Response: 245972462
Conc: 512.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 2111903828
Conc: 559.93 ng/ml

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_Q **Calibration Date(s):** 10/10/2025 10/10/2025

Calibration Times: 08:57 16:43

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

LAB FILE ID: RT 1000 = PQ070973.D RT 750 = PQ070974.D

RT 500 = PQ070975.D RT 250 = PQ070976.D RT 050 = PQ070977.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1016-2	(2)	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1016-3	(3)	4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1016-4	(4)	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1016-5	(5)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1260-1	(1)	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
Aroclor-1260-2	(2)	6.28	6.28	6.28	6.28	6.27	6.28	6.18	6.38
Aroclor-1260-3	(3)	6.63	6.63	6.63	6.63	6.63	6.63	6.53	6.73
Aroclor-1260-4	(4)	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
Aroclor-1260-5	(5)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Decachlorobiphenyl		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1242-1	(1)	4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1242-2	(2)	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1242-3	(3)	4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1242-4	(4)	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1242-5	(5)	5.35	5.35	5.35	5.35	5.32	5.34	5.24	5.44
Decachlorobiphenyl		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1248-1	(1)	4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1248-2	(2)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1248-4	(4)	5.32	5.32	5.32	5.32	5.32	5.32	5.22	5.42
Aroclor-1248-5	(5)	5.35	5.35	5.35	5.35	5.35	5.35	5.25	5.45
Decachlorobiphenyl		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1254-1	(1)	5.29	5.29	5.29	5.29	5.29	5.29	5.19	5.39
Aroclor-1254-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1254-3	(3)	5.86	5.85	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1254-4	(4)	6.14	6.13	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1254-5	(5)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Decachlorobiphenyl		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1268-1	(1)	7.42	7.42	7.42	7.42	7.42	7.42	7.32	7.52
Aroclor-1268-2	(2)	7.49	7.50	7.50	7.50	7.50	7.50	7.40	7.60
Aroclor-1268-3	(3)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1268-4	(4)	7.99	7.99	7.99	7.99	7.99	7.99	7.89	8.09
Aroclor-1268-5	(5)	8.27	8.27	8.27	8.27	8.27	8.27	8.17	8.37

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene	3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_Q **Calibration Date(s):** 10/10/2025 10/10/2025

Calibration Times: 08:57 16:43

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

LAB FILE ID: RT 1000 = PQ070973.D RT 750 = PQ070974.D

RT 500 = PQ070975.D RT 250 = PQ070976.D RT 050 = PQ070977.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1016-2	(2)	3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Aroclor-1016-3	(3)	3.95	3.95	3.95	3.95	3.95	3.95	3.85	4.05
Aroclor-1016-4	(4)	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10
Aroclor-1016-5	(5)	4.20	4.20	4.20	4.20	4.20	4.20	4.10	4.30
Aroclor-1260-1	(1)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-2	(2)	5.38	5.38	5.38	5.38	5.38	5.38	5.28	5.48
Aroclor-1260-3	(3)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1260-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1260-5	(5)	6.22	6.22	6.22	6.22	6.22	6.22	6.12	6.32
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88
Aroclor-1242-1	(1)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-2	(2)	3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Aroclor-1242-3	(3)	3.95	3.95	3.95	3.95	3.95	3.95	3.85	4.05
Aroclor-1242-4	(4)	4.04	4.04	4.04	4.04	4.04	4.04	3.94	4.14
Aroclor-1242-5	(5)	4.53	4.53	4.53	4.53	4.53	4.53	4.43	4.63
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88
Aroclor-1248-1	(1)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-2	(2)	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10
Aroclor-1248-3	(3)	4.04	4.04	4.04	4.04	4.04	4.04	3.94	4.14
Aroclor-1248-4	(4)	4.20	4.20	4.20	4.20	4.20	4.20	4.10	4.30
Aroclor-1248-5	(5)	4.57	4.57	4.57	4.57	4.57	4.57	4.47	4.67
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88
Aroclor-1254-1	(1)	4.53	4.53	4.53	4.53	4.53	4.53	4.43	4.63
Aroclor-1254-2	(2)	4.68	4.68	4.68	4.68	4.68	4.68	4.58	4.78
Aroclor-1254-3	(3)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1254-4	(4)	5.29	5.29	5.29	5.29	5.29	5.29	5.19	5.39
Aroclor-1254-5	(5)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88
Aroclor-1268-1	(1)	6.50	6.50	6.50	6.50	6.50	6.50	6.40	6.60
Aroclor-1268-2	(2)	6.56	6.56	6.56	6.56	6.56	6.56	6.46	6.66
Aroclor-1268-3	(3)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Aroclor-1268-4	(4)	7.05	7.05	7.05	7.05	7.05	7.05	6.95	7.15
Aroclor-1268-5	(5)	7.32	7.32	7.32	7.32	7.32	7.32	7.22	7.42

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene	2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: AECO02
SDG NO.: Q3419
Calibration Date(s): 10/10/2025 10/10/2025
Calibration Times: 08:57 16:43

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

LAB FILE ID: CF 1000 = PQ070973.D CF 750 = PQ070974.D
CF 500 = PQ070975.D CF 250 = PQ070976.D CF 050 = PQ070977.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	152632258	161381460	169566884	175492100	161647220	164143984	5
Aroclor-1016-2	(2)	235274296	256838307	264605432	271518004	253235720	256294352	5
Aroclor-1016-3	(3)	145675938	156782704	164416996	169596776	159119400	159118363	6
Aroclor-1016-4	(4)	120162951	129378400	134848252	138303760	126953020	129929277	5
Aroclor-1016-5	(5)	117231883	128545740	133336348	136306768	128593380	128802824	6
Aroclor-1260-1	(1)	208928914	234195365	241877518	247859876	239493660	234471067	6
Aroclor-1260-2	(2)	243695794	275266251	287710272	296720404	279652200	276608984	7
Aroclor-1260-3	(3)	178017013	196424459	204653606	209590628	207855920	199308325	6
Aroclor-1260-4	(4)	191556315	214263107	223690164	228814336	216092480	214883280	7
Aroclor-1260-5	(5)	400986941	436898331	447507618	451939420	431553500	433777162	5
Decachlorobiphenyl		2603997920	2888430733	3017037660	3097201720	2913248400	2903983287	6
Tetrachloro-m-xylene		4048991050	4420325093	4447782420	4497118040	4337178200	4350278961	4
Aroclor-1242-1	(1)	117929900	120501580	121917368	124177888	110233240	118951995	5
Aroclor-1242-2	(2)	179238730	188762288	194471730	197719720	193371880	190712870	4
Aroclor-1242-3	(3)	111298009	117265485	120728326	123754708	121434700	118896246	4
Aroclor-1242-4	(4)	91702396	97376287	98944784	101196952	108558560	99555796	6
Aroclor-1242-5	(5)	63322787	67097277	82718820	102665812	77804800	78721899	20
Decachlorobiphenyl		3082568640	3243406933	3352805760	3359769360	3286790800	3265068299	3
Tetrachloro-m-xylene		4441893010	4577290613	4623065280	4605855840	4702516200	4590124189	2
Aroclor-1248-1	(1)	89951061	92802913	99278242	97399904	67891380	89464700	14
Aroclor-1248-2	(2)	126849870	131764987	138900528	142257364	142462060	136446962	5
Aroclor-1248-3	(3)	152980867	157544657	166146850	167481096	162764480	161383590	4
Aroclor-1248-4	(4)	167077290	173126060	182827440	186713196	157721500	173493097	7
Aroclor-1248-5	(5)	163667698	168136284	132211082	121389384	159185140	148917918	14
Decachlorobiphenyl		3177348440	3248518907	3402766540	3434790520	3353916400	3323468161	3
Tetrachloro-m-xylene		4546508980	4599154480	4739413180	4685828360	4518221600	4617825320	2
Aroclor-1254-1	(1)	186317660	198212097	200308250	222421948	174131700	196278331	9
Aroclor-1254-2	(2)	272465681	301191412	300558232	318683640	259516480	290483089	8
Aroclor-1254-3	(3)	294493285	320137152	318530722	335107472	267769020	307207530	9
Aroclor-1254-4	(4)	212636724	232647637	229798130	237628972	184991000	219540493	10
Aroclor-1254-5	(5)	229095618	241104957	242576814	249415576	197285560	231895705	9
Decachlorobiphenyl		3135993520	3237057933	3300114540	3432442200	2724290800	3165979799	9
Tetrachloro-m-xylene		4449551480	4584042107	4604497820	4625575480	3701892800	4393111937	9
Aroclor-1268-1	(1)	555593291	572438855	583365466	598015136	603747960	582632142	3

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	510325576	524057337	534075228	546100468	539884140	530888550	3
Aroclor-1268-3	(3)	416538407	427532203	436646098	443325192	442459640	433300308	3
Aroclor-1268-4	(4)	179373252	185531188	189624920	193669728	190155160	187670850	3
Aroclor-1268-5	(5)	1283167757	1308010297	1321380362	1326514116	1318957680	1311606042	1
Decachlorobiphenyl		5757514290	5913646120	6037365900	6192444040	6223042400	6024802550	3
Tetrachloro-m-xylene		4734874420	4871269707	4916225920	4964521920	4932484000	4883875193	2

Raw Data

Alliance TECHNICAL GROUP

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_Q **Calibration Date(s):** 10/10/2025 10/10/2025

Calibration Times: 08:57 16:43

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

LAB FILE ID: **CF 1000 =** PQ070973.D **CF 750 =** PQ070974.D

CF 500 = PQ070975.D **CF 250 =** PQ070976.D **CF 050 =** PQ070977.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	198094739	217218485	228189888	237783008	238723760	224001976	8
Aroclor-1016-2	(2)	306974778	336928535	345611618	359075648	352024660	340123048	6
Aroclor-1016-3	(3)	164197912	180535471	187035142	195263012	182262860	181858879	6
Aroclor-1016-4	(4)	139678855	154088441	161162796	170890484	161242760	157412667	7
Aroclor-1016-5	(5)	171310856	187991799	196963118	205633060	197310680	191841903	7
Aroclor-1260-1	(1)	322104344	352779140	365742242	382158164	379245720	360405922	7
Aroclor-1260-2	(2)	392921251	432078265	450339936	466790948	457838380	439993756	7
Aroclor-1260-3	(3)	374441100	409997701	423595070	436050024	430913160	414999411	6
Aroclor-1260-4	(4)	324169048	356082777	368301826	380117112	370143240	359762801	6
Aroclor-1260-5	(5)	773923407	822481391	873089514	880740576	851175200	840282018	5
Decachlorobiphenyl		4511855410	4959881947	5165429800	5359918520	5250729800	5049563095	7
Tetrachloro-m-xylene		4790824740	5183285133	5313707940	5302586120	4809696600	5080020107	5
Aroclor-1242-1	(1)	149120136	160366853	160219200	165386980	179219740	162862582	7
Aroclor-1242-2	(2)	228406508	237737935	244055020	248772624	247903320	241375081	4
Aroclor-1242-3	(3)	123267302	131780304	132089372	135429308	136535900	131820437	4
Aroclor-1242-4	(4)	107929318	113409847	120761922	128344628	102401880	114569519	9
Aroclor-1242-5	(5)	175313049	196019013	175387368	167275268	156704980	174139936	8
Decachlorobiphenyl		5194557400	5483323560	5616478880	5698756520	6104877800	5619598832	6
Tetrachloro-m-xylene		5511103540	5712989200	5725543240	5446452960	5436162600	5566450308	3
Aroclor-1248-1	(1)	118147108	120641916	127443132	132200888	134031720	126492953	6
Aroclor-1248-2	(2)	172958749	177705395	189325858	196101732	206725040	188563355	7
Aroclor-1248-3	(3)	167593672	172934769	178216680	182062792	197467520	179655087	6
Aroclor-1248-4	(4)	207432918	214191484	230649658	232116576	237264740	224331075	6
Aroclor-1248-5	(5)	211078475	216720032	243430792	250826296	242157620	232842643	8
Decachlorobiphenyl		5357284330	5460780160	5730809660	5844375240	6130897000	5704829278	5
Tetrachloro-m-xylene		5499268270	5571294053	5722936200	5664492400	5408993600	5573396905	2
Aroclor-1254-1	(1)	326099704	341297420	345505280	377987212	295169840	337211891	9
Aroclor-1254-2	(2)	283781194	302336180	304849560	326229636	268575420	297154398	7
Aroclor-1254-3	(3)	455841488	477545104	484627186	501619228	415693040	467065209	7
Aroclor-1254-4	(4)	291449906	303039177	308578712	317073776	256115840	295251482	8
Aroclor-1254-5	(5)	417470468	427079459	439495106	452352324	365350180	420349507	8
Decachlorobiphenyl		5360763820	5577066440	5716894620	5972893640	5256420800	5576807864	5
Tetrachloro-m-xylene		5311856950	5451428933	5484489360	5522984680	4238156400	5201783265	10
Aroclor-1268-1	(1)	931455367	961712979	973652708	974423320	1030986200	974446115	4

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	858872879	891158693	900594916	906701084	936258500	898717214	3
Aroclor-1268-3	(3)	746016914	769745548	779615614	791820108	821422560	781724149	4
Aroclor-1268-4	(4)	330162118	339473573	345636662	356393996	350955500	344524370	3
Aroclor-1268-5	(5)	2374681378	2422263161	2432472106	2427996872	2444443520	2420371407	1
Decachlorobiphenyl		10401085910	10736618840	10941521580	11269357960	11896046400	11048926138	5
Tetrachloro-m-xylene		5581659480	5729850200	5733063640	5828463760	5669436400	5708494696	2

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_Q **Date(s) Analyzed:** 10/10/2025 10/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.59	3.49	3.69	59190800
		2	3.67	3.57	3.77	43146800
		3	3.74	3.64	3.84	133548000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.74	3.64	3.84	108948000
		2	4.23	4.13	4.33	57502800
		3	4.50	4.40	4.60	107099000
		4	4.65	4.55	4.75	54014200
		5	4.79	4.69	4.89	43713200
Aroclor-1262	500	1	6.84	6.74	6.94	274018000
		2	7.15	7.05	7.25	498476000
		3	7.42	7.32	7.52	328660000
		4	7.49	7.39	7.59	252340000
		5	7.99	7.89	8.09	164350000

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Instrument ID: ECD_Q **Date(s) Analyzed:** 10/10/2025 10/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	2.98	2.88	3.08	73819200
		2	3.05	2.95	3.15	60003200
		3	3.12	3.02	3.22	171184000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.12	3.02	3.22	139342000
		2	3.79	3.69	3.89	138900000
		3	3.95	3.85	4.05	73450200
		4	4.04	3.94	4.14	63034400
		5	4.20	4.10	4.30	71607200
Aroclor-1262	500	1	5.73	5.63	5.83	452486000
		2	5.98	5.88	6.08	427702000
		3	6.50	6.40	6.60	332708000
		4	6.56	6.46	6.66	616820000
		5	7.05	6.95	7.15	302986000

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:54:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.778	404.9E6	479.1E6	95.307	94.825
2)	SA Decachlor...	8.496	7.534	260.4E6	451.2E6	92.652	93.246
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.778	152.6E6	198.1E6	947.441	929.401
4)	L1 AR-1016-2	4.499	3.793	235.3E6	307.0E6	941.324	940.794
5)	L1 AR-1016-3	4.556	3.954	145.7E6	164.2E6	939.563	934.980
6)	L1 AR-1016-4	4.646	4.002	120.2E6	139.7E6	942.413	928.587
7)	L1 AR-1016-5	4.931	4.197	117.2E6	171.3E6	935.728	930.345
31)	L7 AR-1260-1	6.020	5.190	208.9E6	322.1E6	926.912	936.559
32)	L7 AR-1260-2	6.275	5.379	243.7E6	392.9E6	917.174	931.909
33)	L7 AR-1260-3	6.626	5.520	178.0E6	374.4E6	930.393	938.406
34)	L7 AR-1260-4	6.840	5.980	191.6E6	324.2E6	922.615	936.268
35)	L7 AR-1260-5	7.146	6.224	401.0E6	773.9E6	945.173	939.790

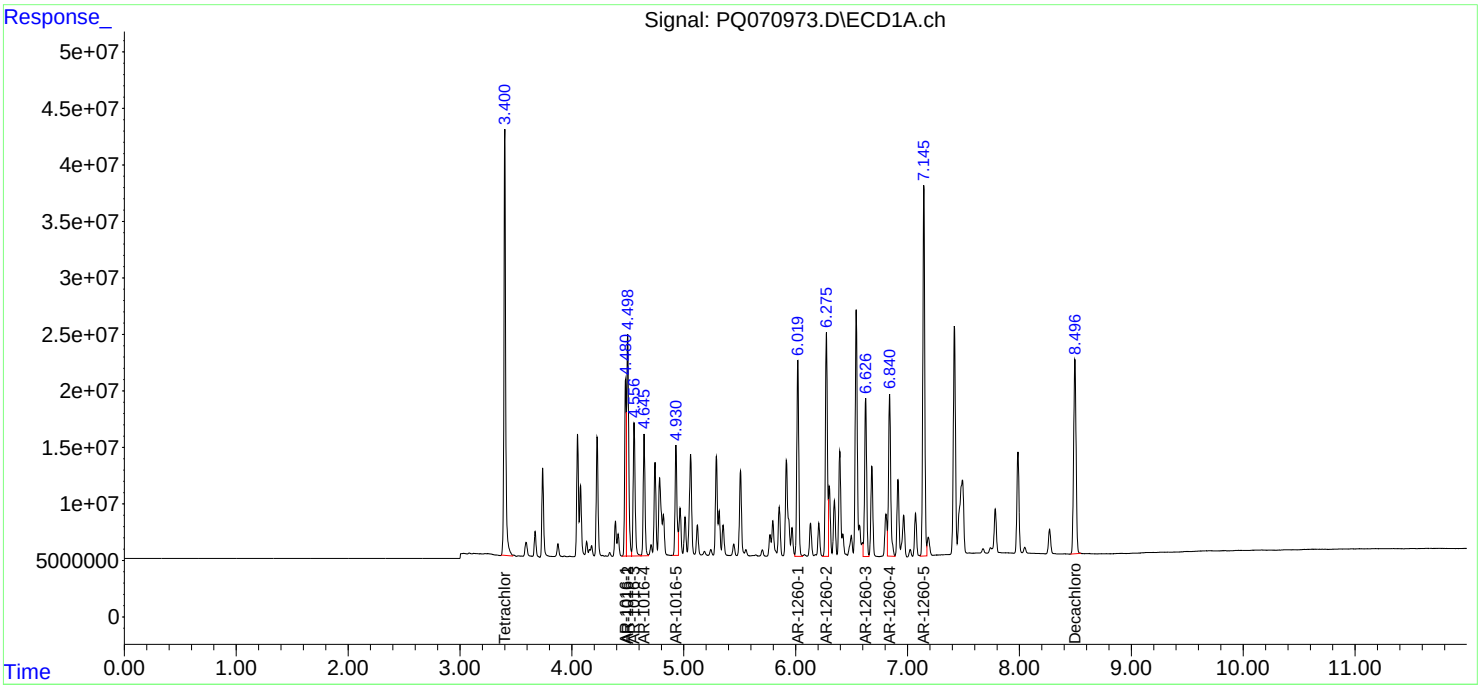
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

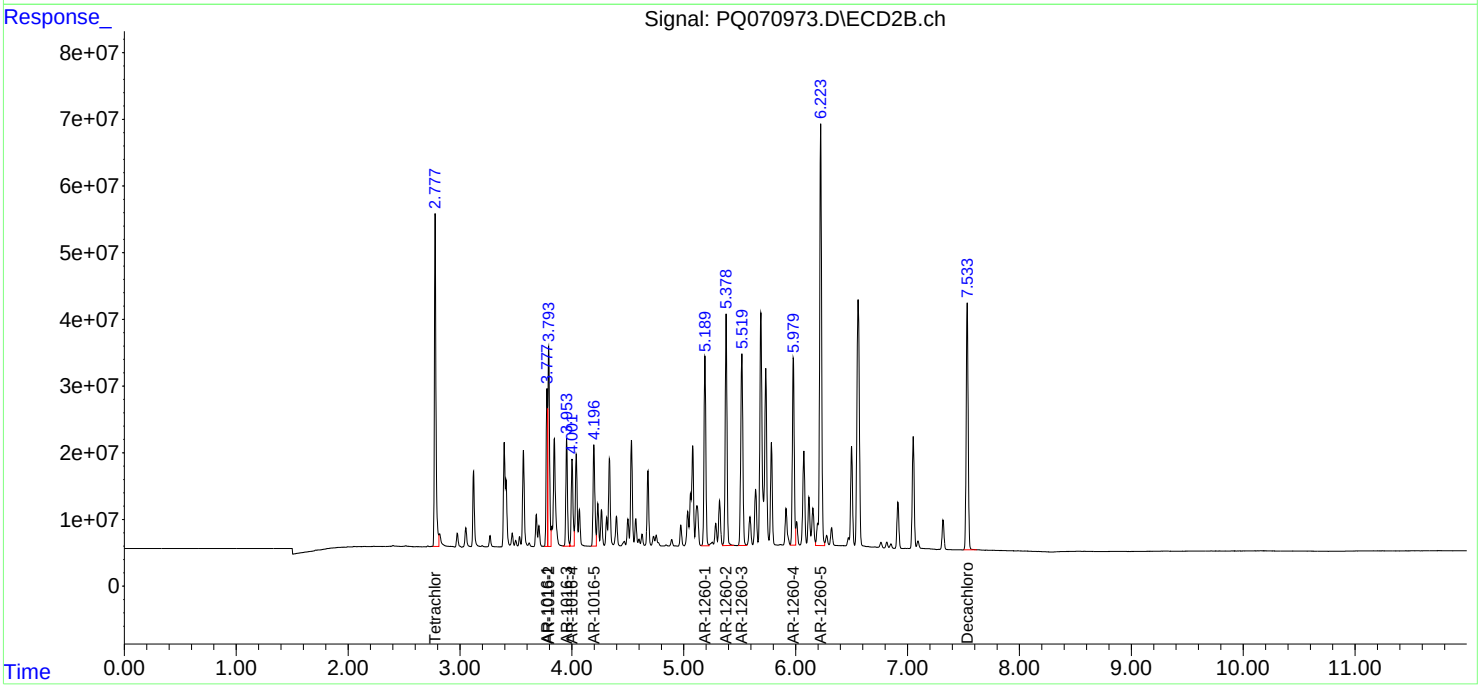
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

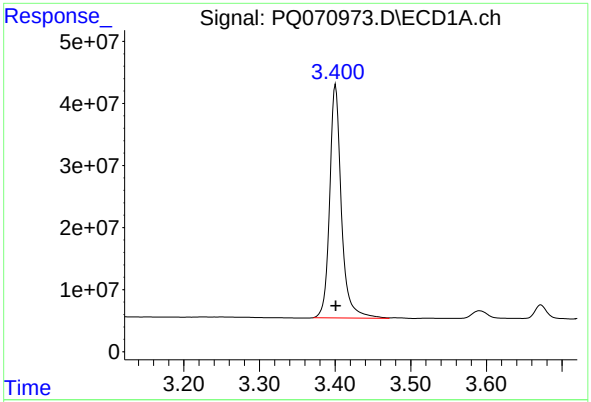
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:54:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



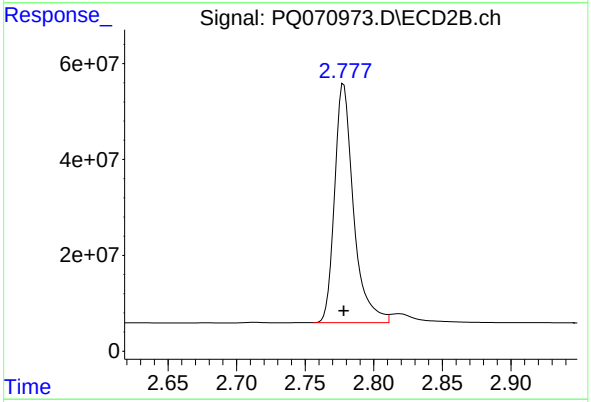




#1 Tetrachloro-m-xylene

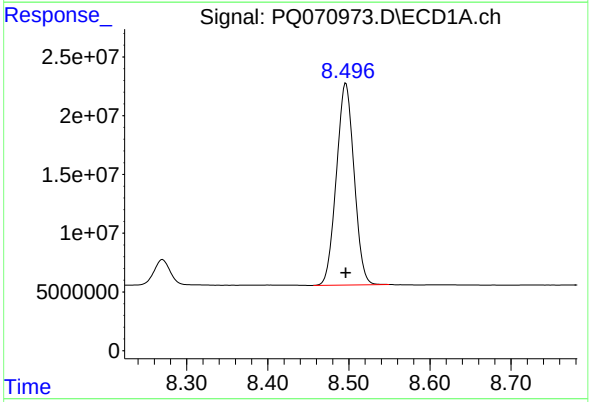
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 404899105
Conc: 95.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



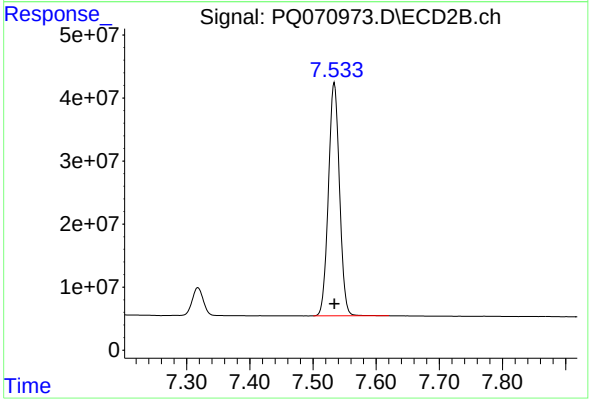
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 479082474
Conc: 94.83 ng/ml



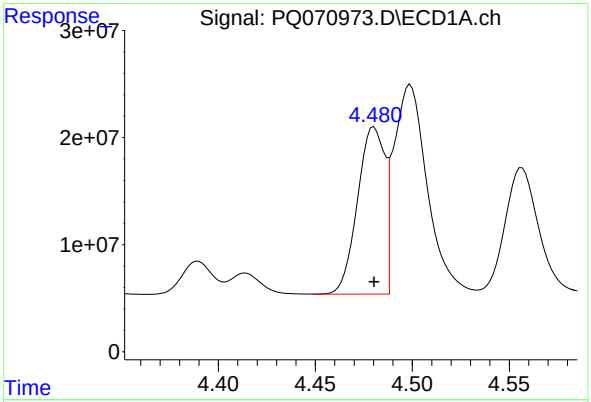
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 260399792
Conc: 92.65 ng/ml



#2 Decachlorobiphenyl

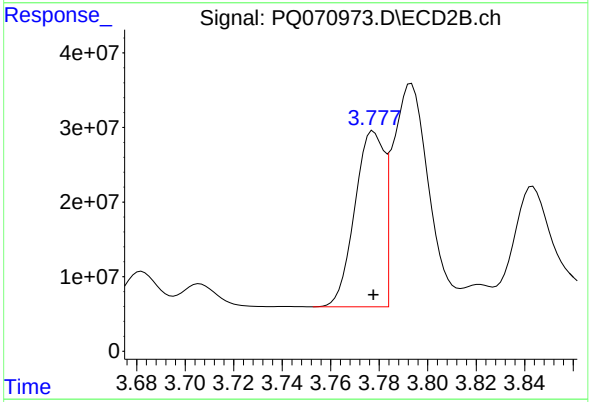
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 451185541
Conc: 93.25 ng/ml



#3 AR-1016-1

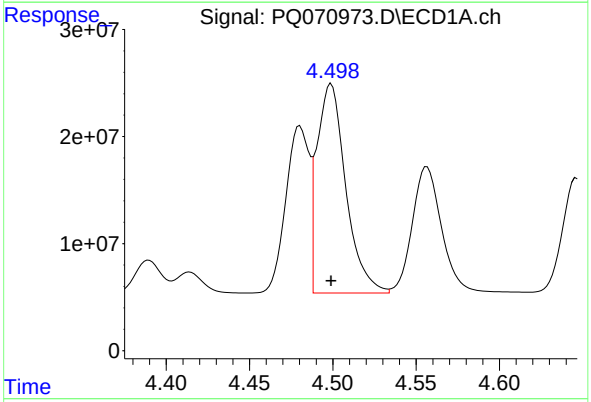
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 152632258
Conc: 947.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



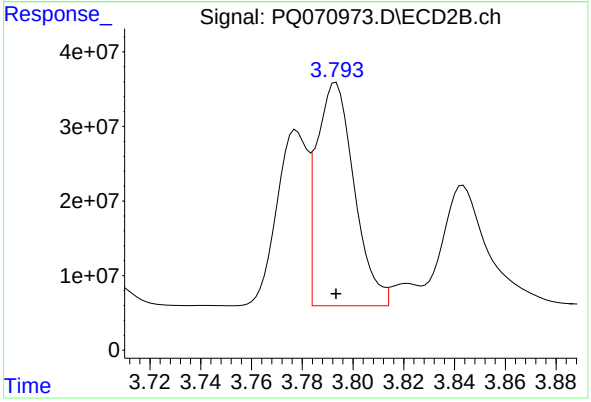
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 198094739
Conc: 929.40 ng/ml



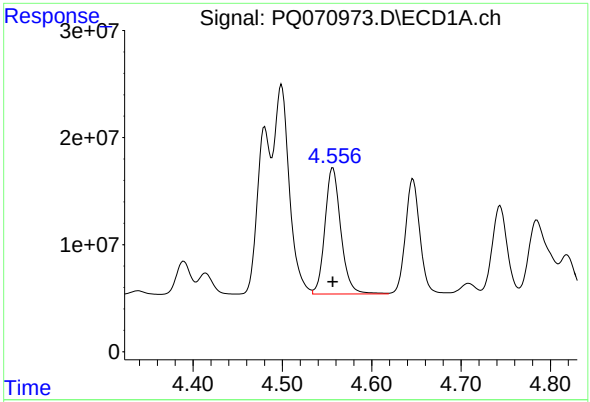
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 235274296
Conc: 941.32 ng/ml



#4 AR-1016-2

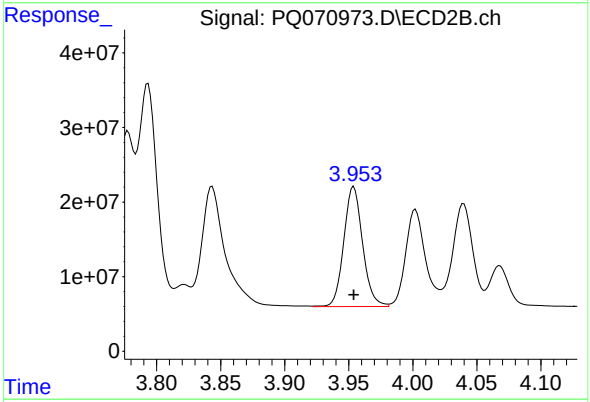
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 306974778
Conc: 940.79 ng/ml



#5 AR-1016-3

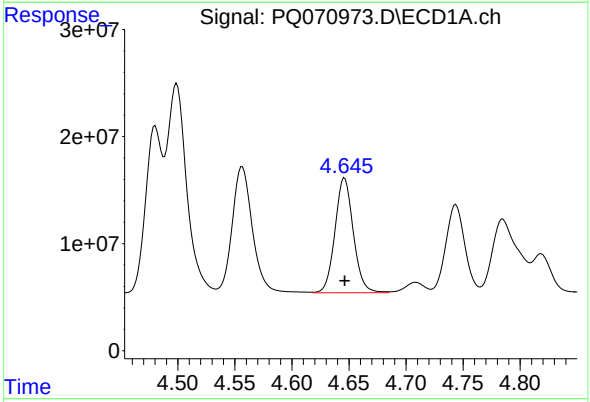
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 145675938
Conc: 939.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



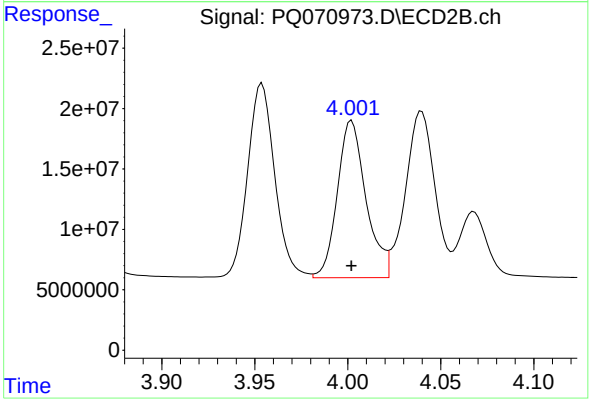
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 164197912
Conc: 934.98 ng/ml



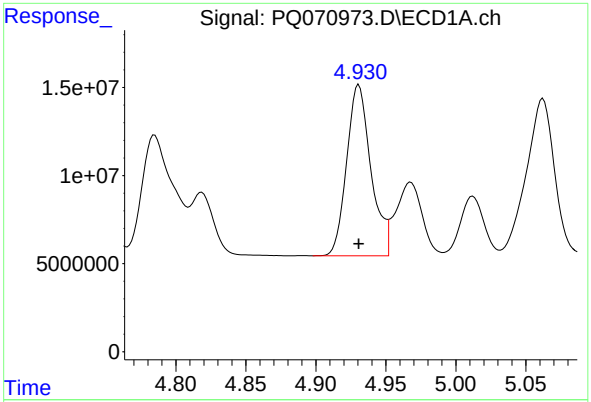
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 120162951
Conc: 942.41 ng/ml



#6 AR-1016-4

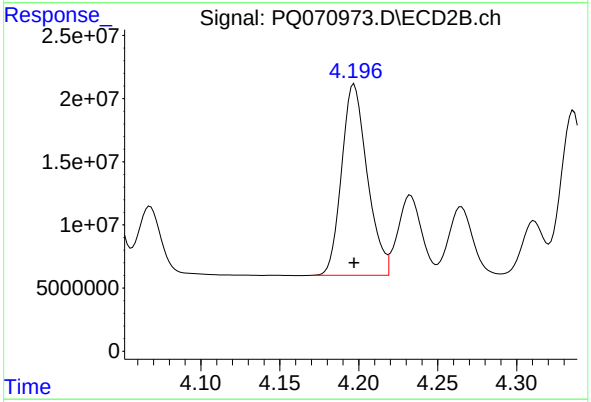
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 139678855
Conc: 928.59 ng/ml



#7 AR-1016-5

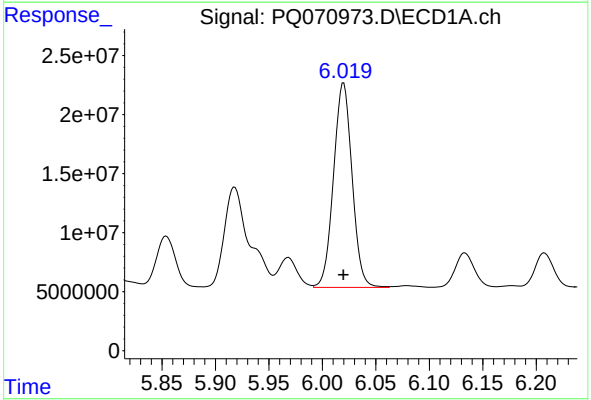
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 117231883
Conc: 935.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



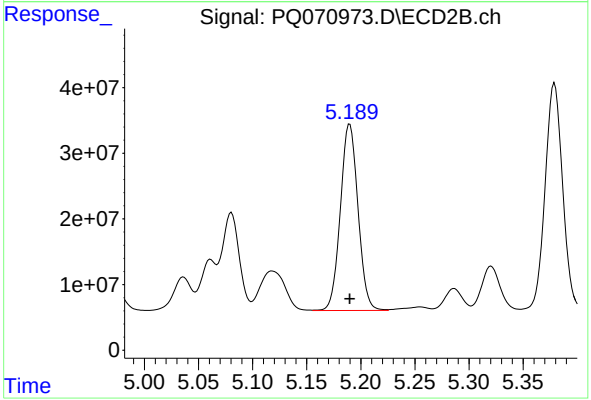
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 171310856
Conc: 930.34 ng/ml



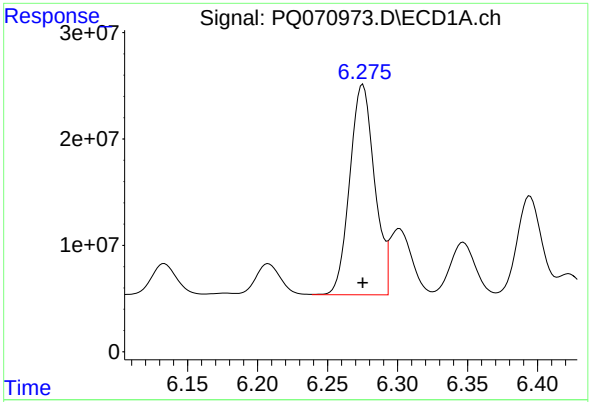
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 208928914
Conc: 926.91 ng/ml



#31 AR-1260-1

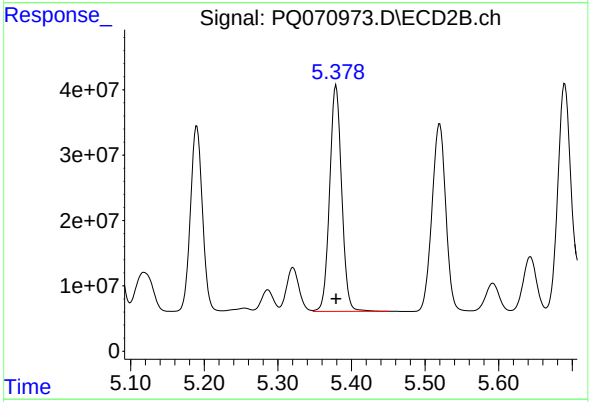
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 322104344
Conc: 936.56 ng/ml



#32 AR-1260-2

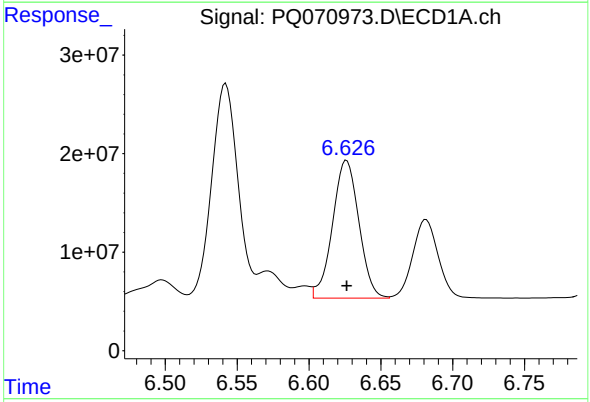
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 243695794
Conc: 917.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



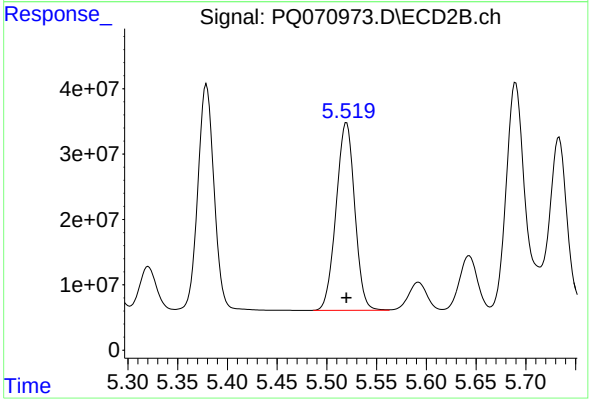
#32 AR-1260-2

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 392921251
Conc: 931.91 ng/ml



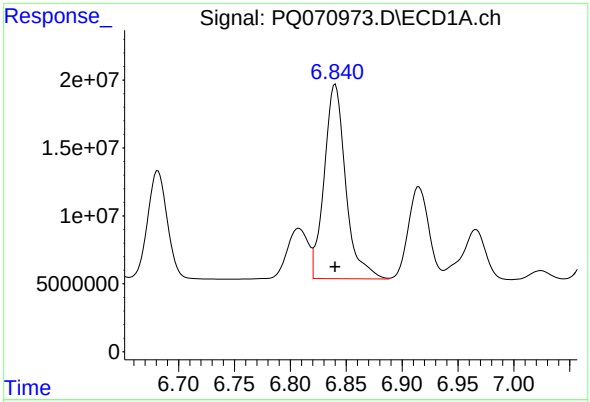
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 178017013
Conc: 930.39 ng/ml



#33 AR-1260-3

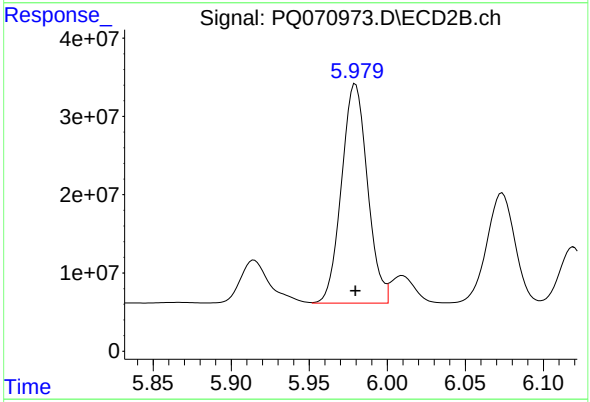
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 374441100
Conc: 938.41 ng/ml



#34 AR-1260-4

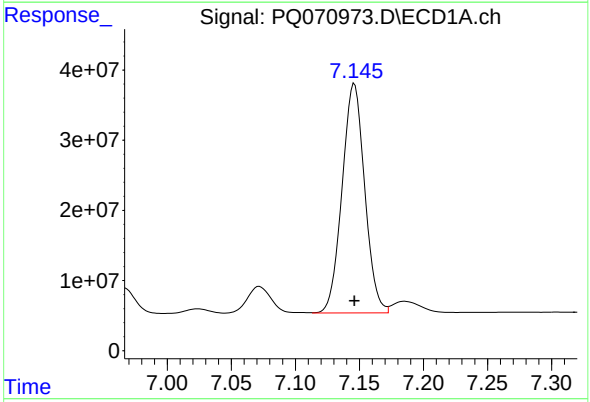
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 191556315
Conc: 922.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



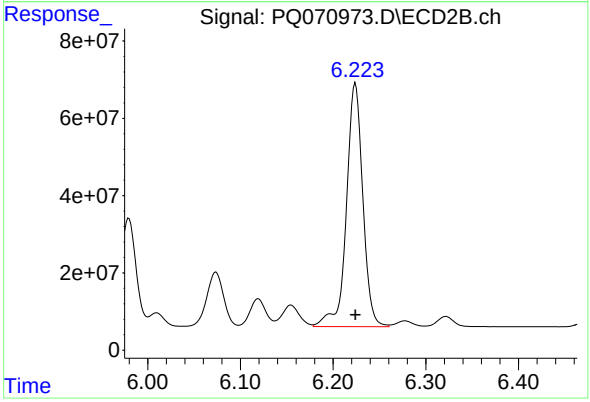
#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 324169048
Conc: 936.27 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 400986941
Conc: 945.17 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 773923407
Conc: 939.79 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:11
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:57:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	331.5E6	388.7E6	76.997	76.286
2)	SA Decachlor...	8.496	7.534	216.6E6	372.0E6	76.373	76.242
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.778	121.0E6	162.9E6	750.874	759.502
4)	L1 AR-1016-2	4.499	3.794	192.6E6	252.7E6	763.674	766.122
5)	L1 AR-1016-3	4.556	3.954	117.6E6	135.4E6	755.578	763.875
6)	L1 AR-1016-4	4.646	4.002	97033800	115.6E6	757.308	762.093
7)	L1 AR-1016-5	4.930	4.197	96409305	141.0E6	762.905	760.395
31)	L7 AR-1260-1	6.020	5.189	175.6E6	264.6E6	769.253	762.765
32)	L7 AR-1260-2	6.276	5.378	206.4E6	324.1E6	767.783	762.288
33)	L7 AR-1260-3	6.627	5.519	147.3E6	307.5E6	763.182	763.633
34)	L7 AR-1260-4	6.840	5.980	160.7E6	267.1E6	765.822	764.087
35)	L7 AR-1260-5	7.146	6.224	327.7E6	616.9E6	764.763	749.377

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

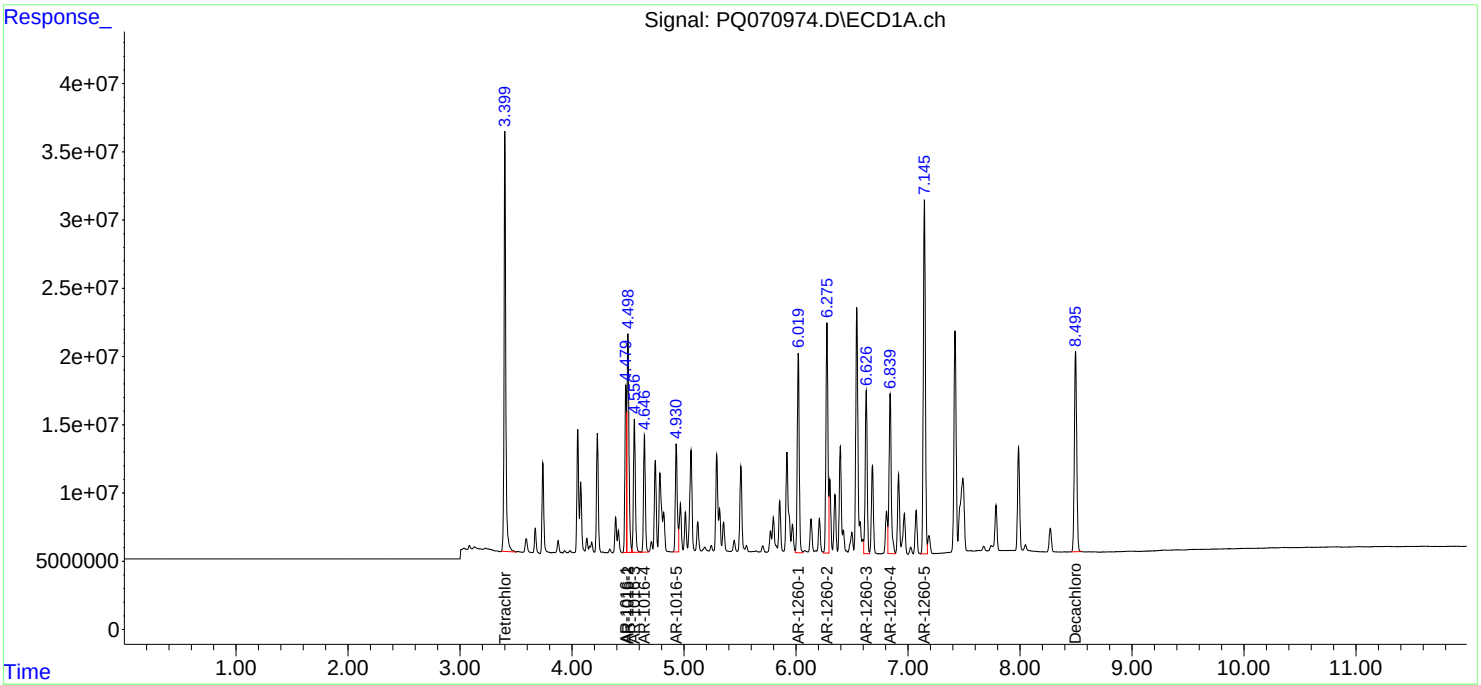
ICAL Form

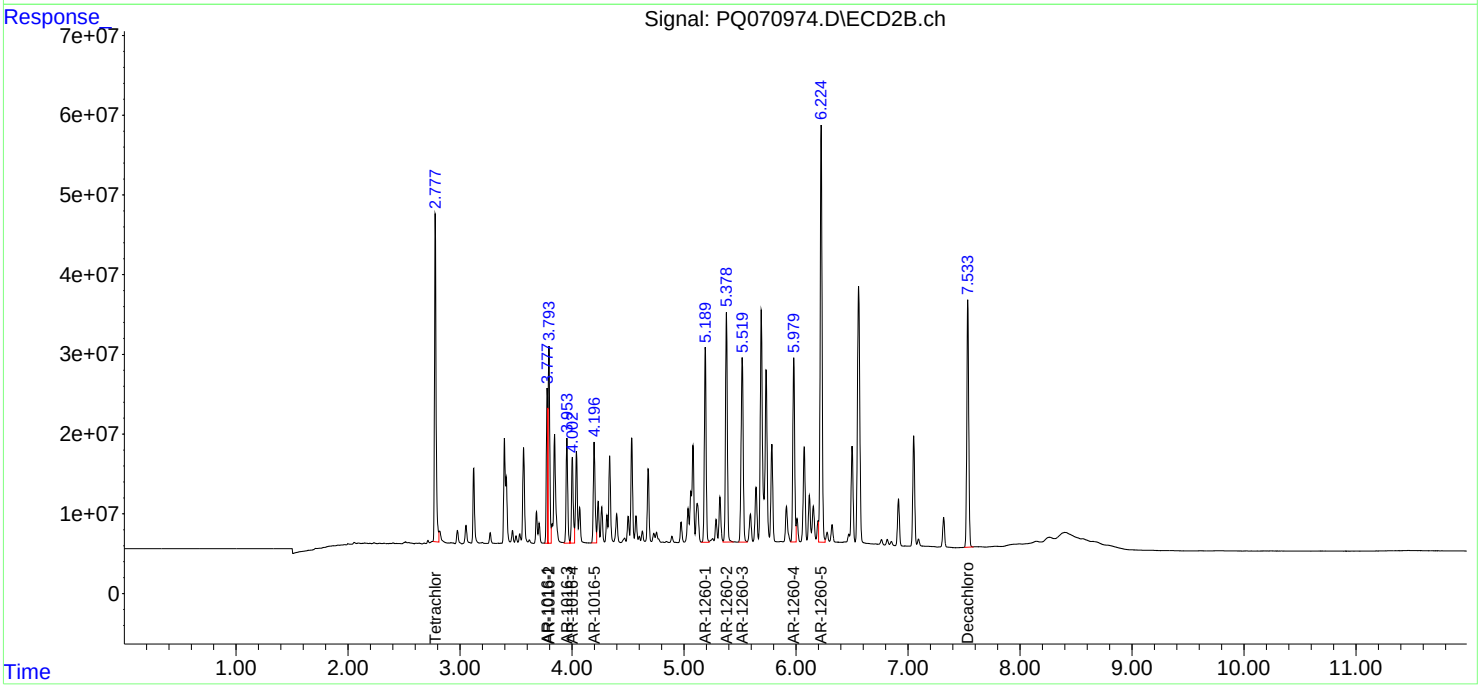
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:11
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

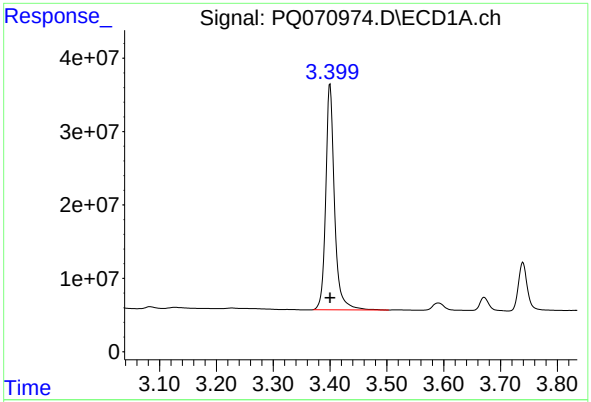
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:57:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



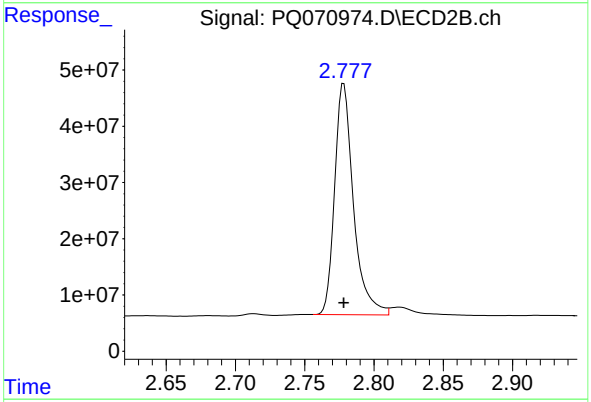




#1 Tetrachloro-m-xylene

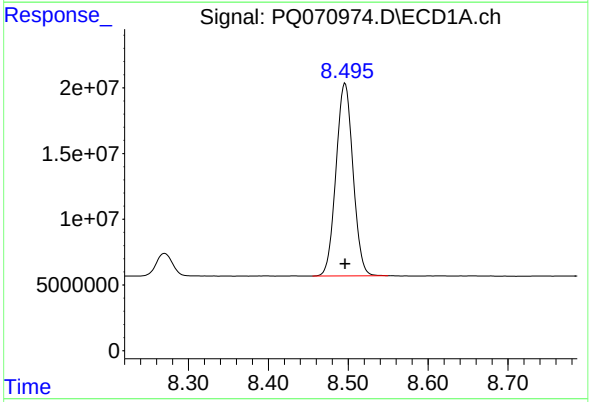
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 331524382
Conc: 77.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



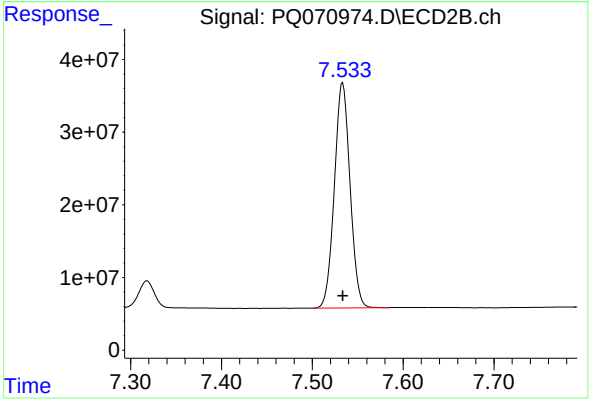
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 388746385
Conc: 76.29 ng/ml



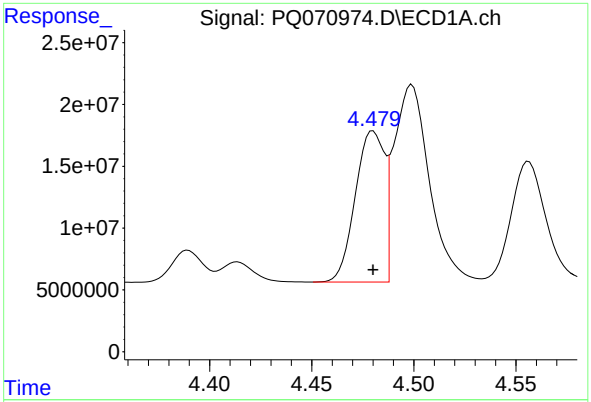
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 216632305
Conc: 76.37 ng/ml



#2 Decachlorobiphenyl

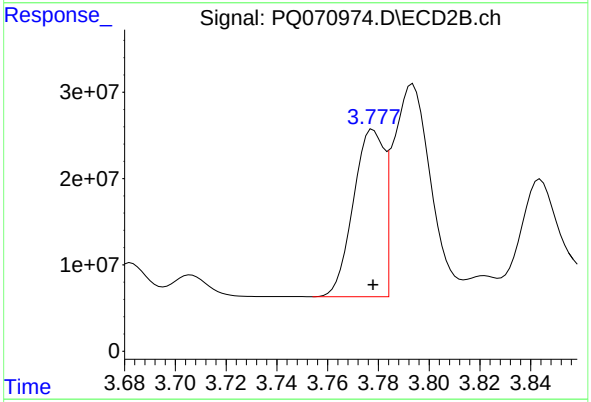
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 371991146
Conc: 76.24 ng/ml



#3 AR-1016-1

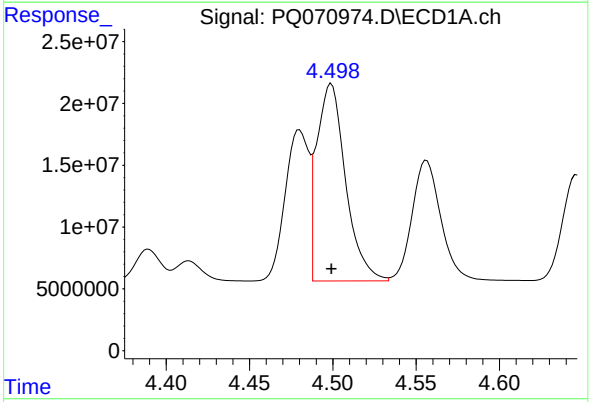
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 121036095
Conc: 750.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



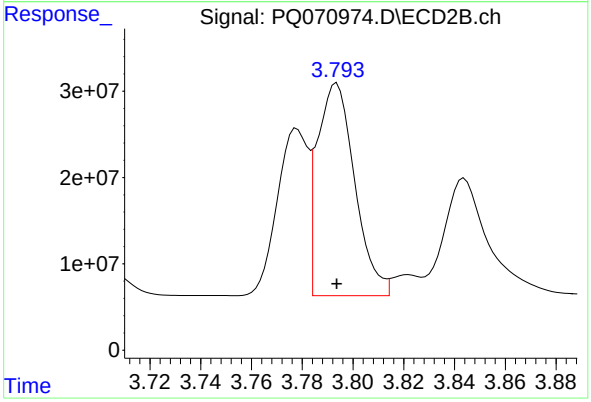
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 162913864
Conc: 759.50 ng/ml



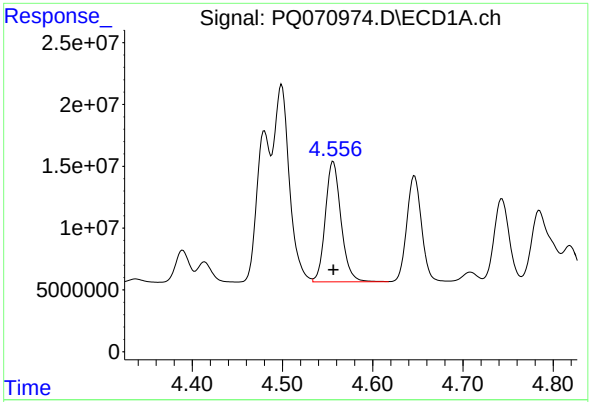
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 192628730
Conc: 763.67 ng/ml



#4 AR-1016-2

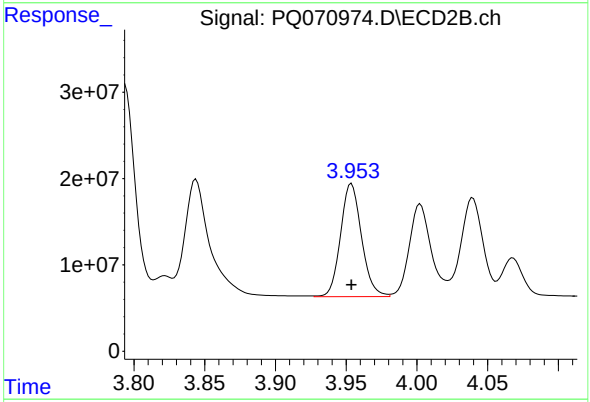
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 252696401
Conc: 766.12 ng/ml



#5 AR-1016-3

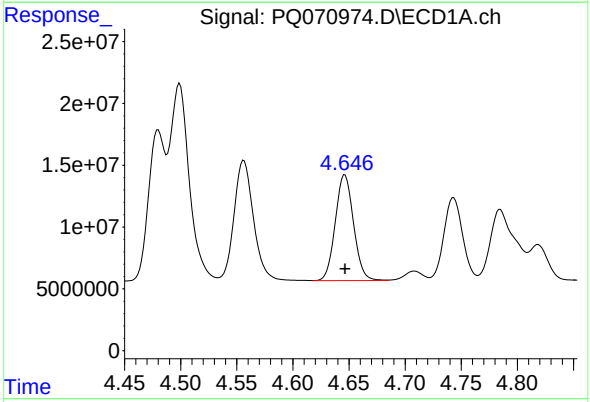
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 117587028
Conc: 755.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



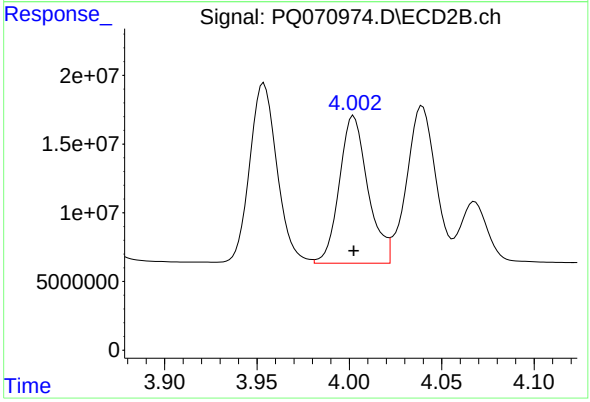
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 135401603
Conc: 763.88 ng/ml



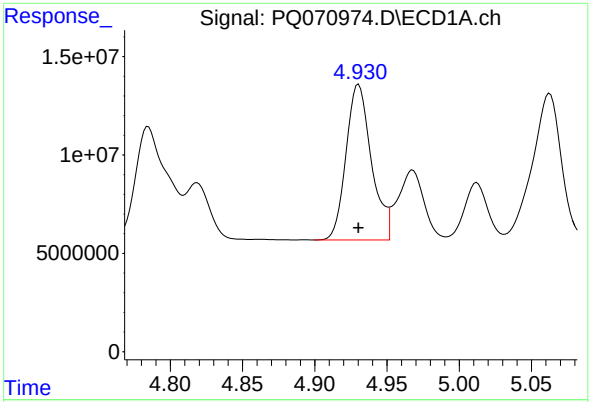
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 97033800
Conc: 757.31 ng/ml



#6 AR-1016-4

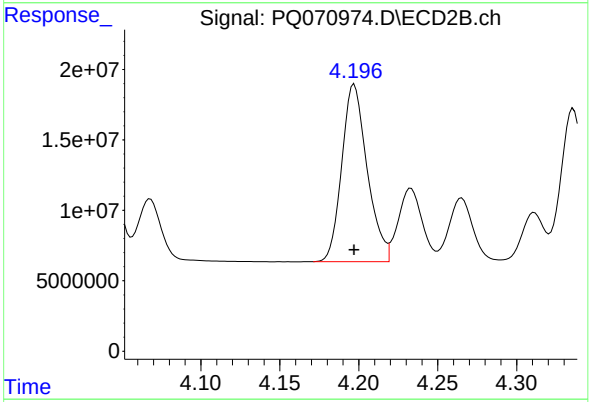
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 115566331
Conc: 762.09 ng/ml



#7 AR-1016-5

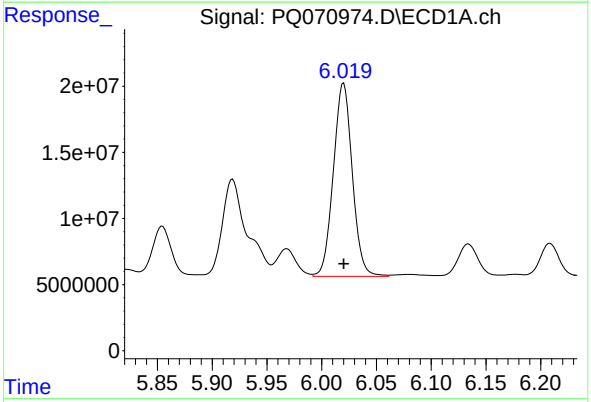
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 96409305
Conc: 762.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



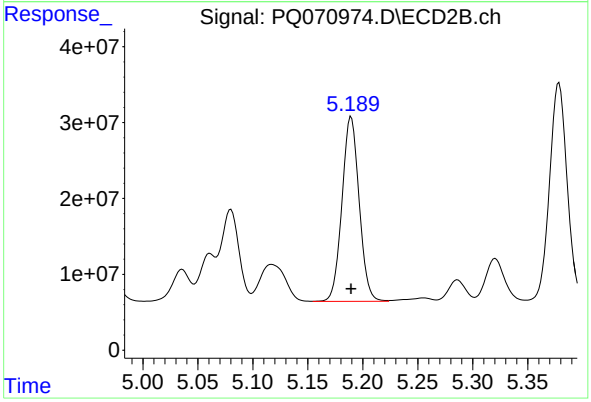
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 140993849
Conc: 760.39 ng/ml



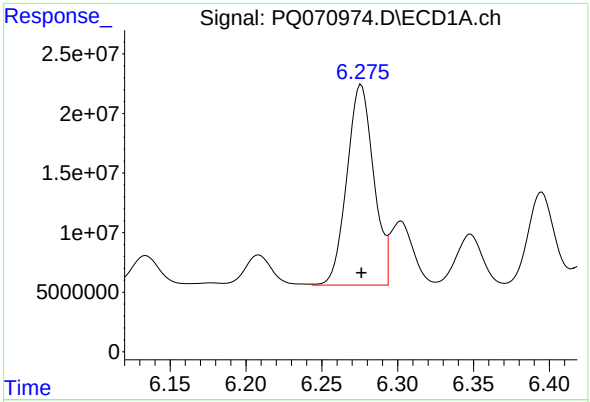
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 175646524
Conc: 769.25 ng/ml



#31 AR-1260-1

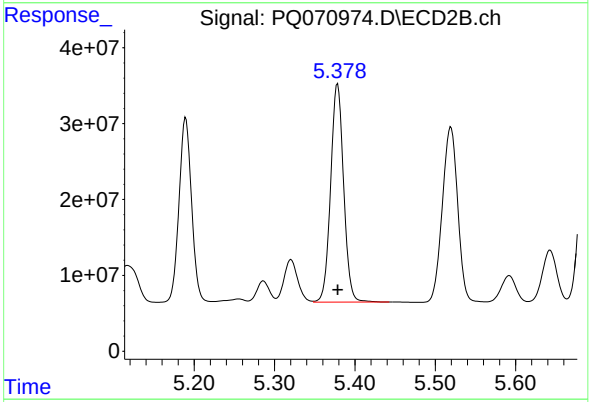
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 264584355
Conc: 762.77 ng/ml



#32 AR-1260-2

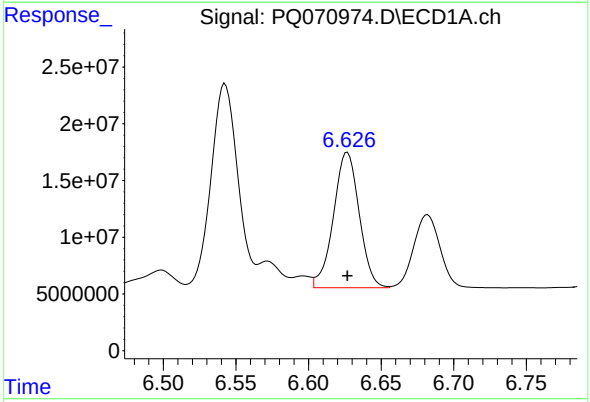
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 206449688
Conc: 767.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



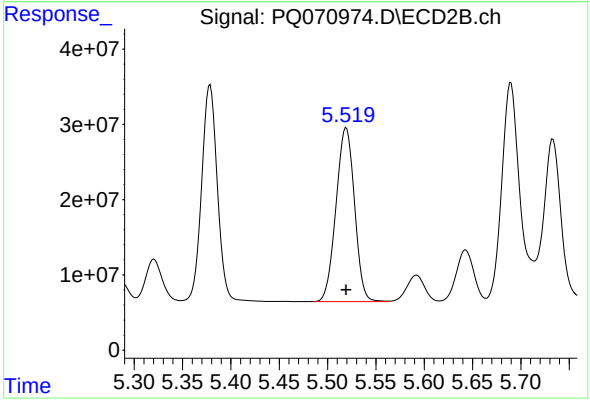
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 324058699
Conc: 762.29 ng/ml



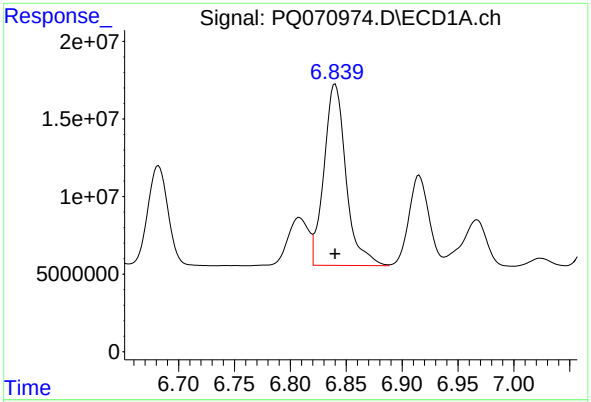
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 147318344
Conc: 763.18 ng/ml



#33 AR-1260-3

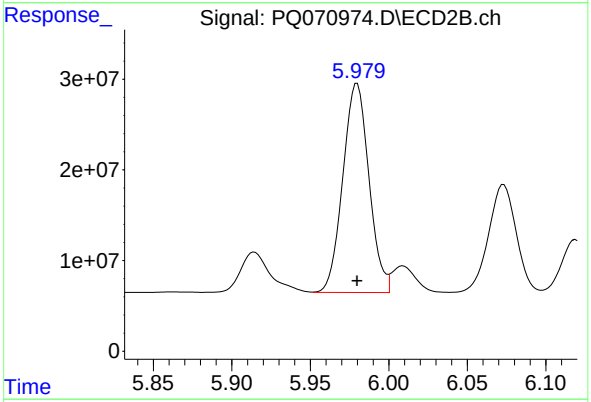
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 307498276
Conc: 763.63 ng/ml



#34 AR-1260-4

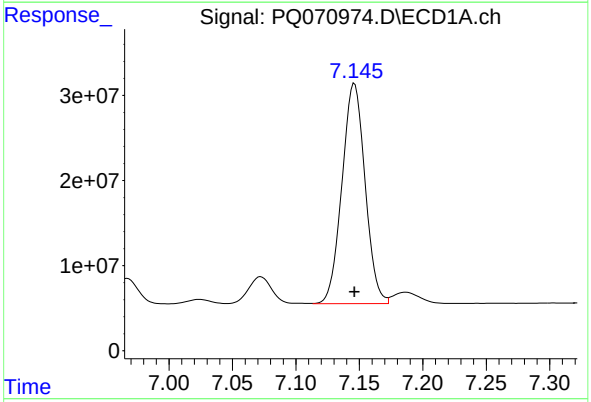
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 160697330
Conc: 765.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



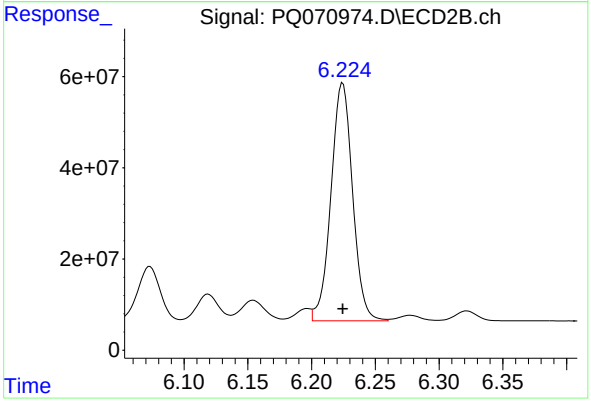
#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 267062083
Conc: 764.09 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 327673748
Conc: 764.76 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 616861043
Conc: 749.38 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:26
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:49:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	222.4E6	265.7E6	50.000	50.000
2)	SA Decachlor...	8.496	7.533	150.9E6	258.3E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.778	84783442	114.1E6	500.000	500.000
4)	L1 AR-1016-2	4.499	3.793	132.3E6	172.8E6	500.000	500.000
5)	L1 AR-1016-3	4.556	3.953	82208498	93517571	500.000	500.000
6)	L1 AR-1016-4	4.646	4.002	67424126	80581398	500.000	500.000
7)	L1 AR-1016-5	4.931	4.197	66668174	98481559	500.000	500.000
31)	L7 AR-1260-1	6.019	5.189	120.9E6	182.9E6	500.000	500.000
32)	L7 AR-1260-2	6.275	5.378	143.9E6	225.2E6	500.000	500.000
33)	L7 AR-1260-3	6.626	5.519	102.3E6	211.8E6	500.000	500.000
34)	L7 AR-1260-4	6.840	5.979	111.8E6	184.2E6	500.000	500.000
35)	L7 AR-1260-5	7.145	6.224	223.8E6	436.5E6	500.000	500.000

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

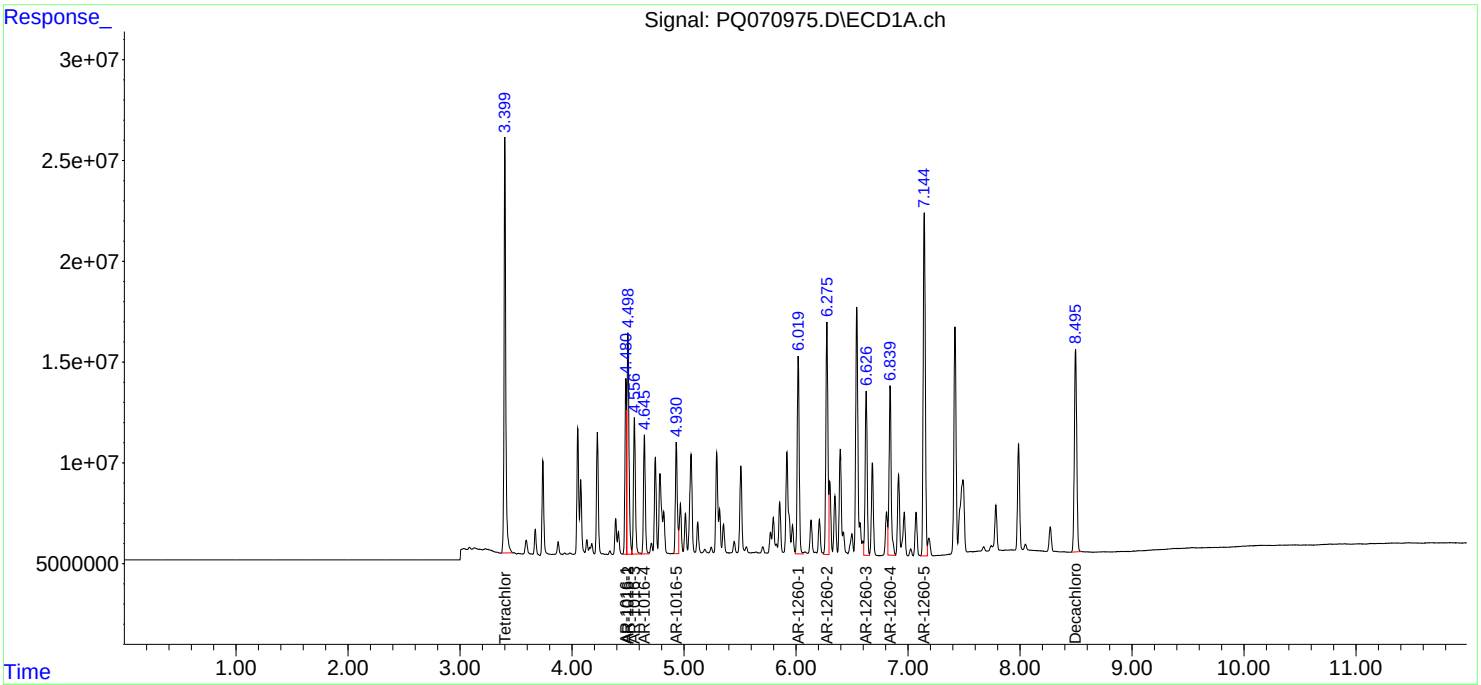
ICAL Form

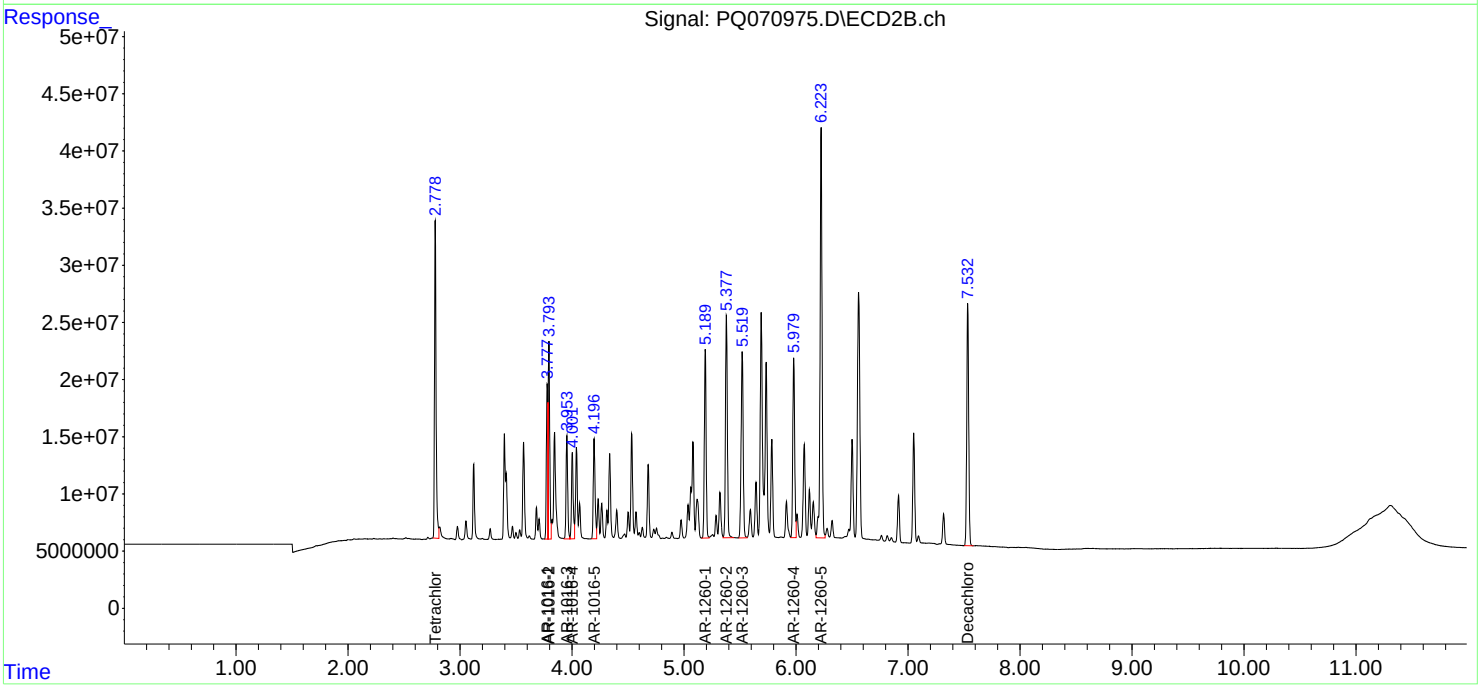
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:26
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

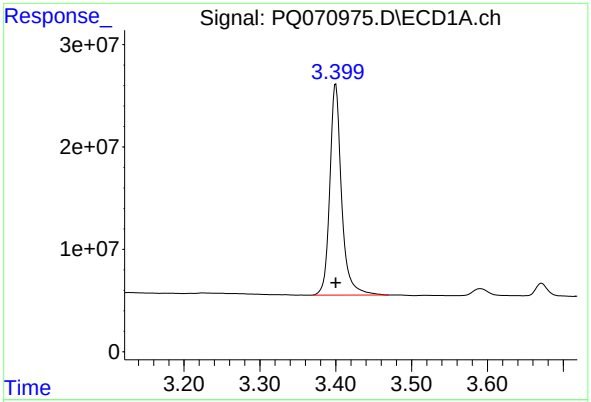
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:49:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



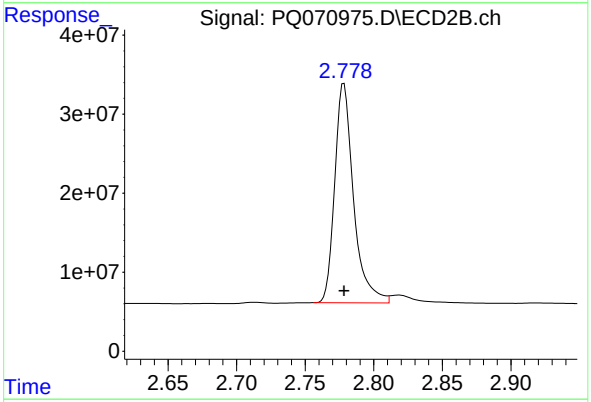




#1 Tetrachloro-m-xylene

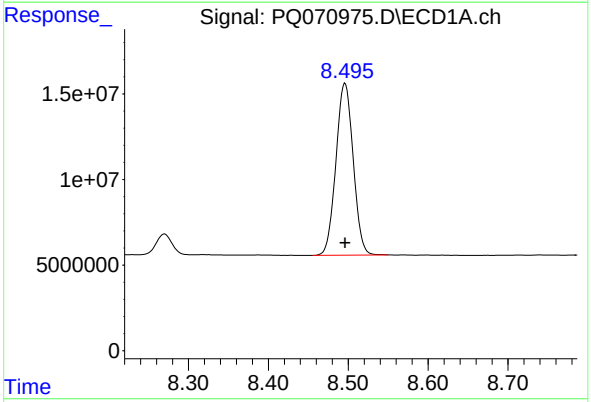
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 222389121
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



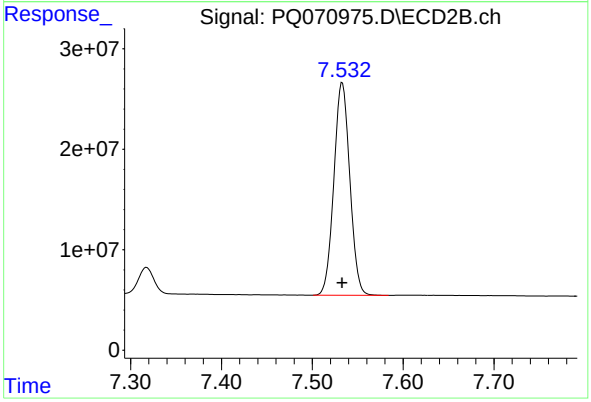
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 265685397
Conc: 50.00 ng/ml



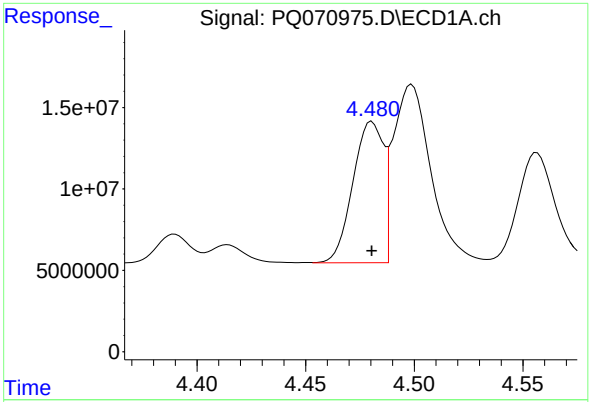
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 150851883
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

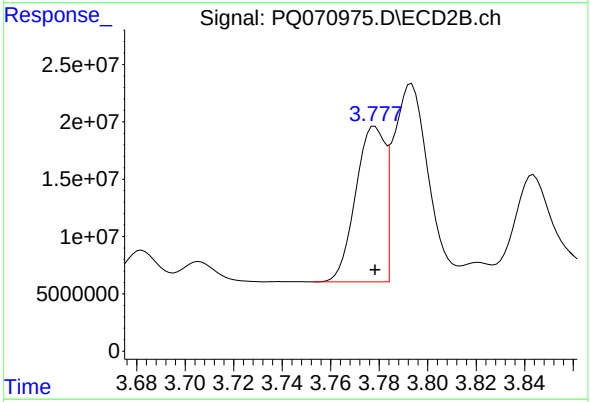
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 258271490
Conc: 50.00 ng/ml



#3 AR-1016-1

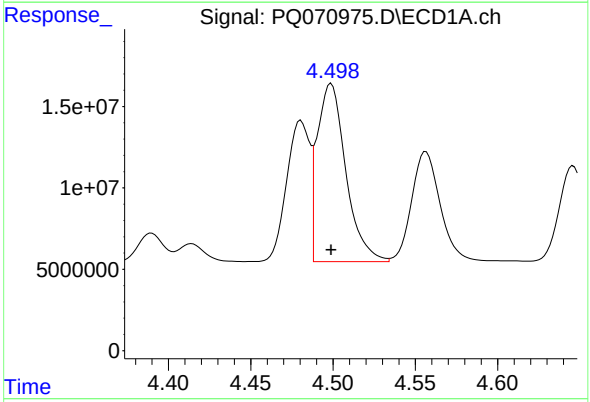
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 84783442
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



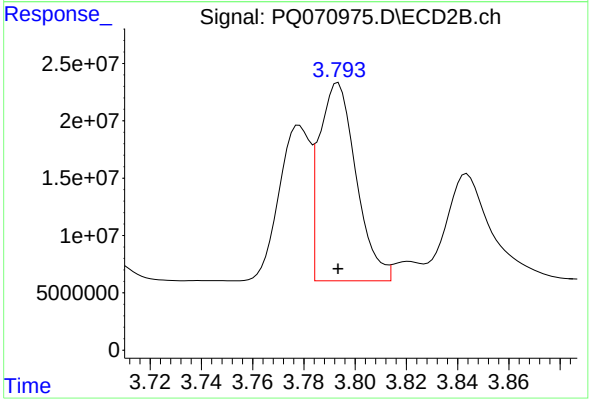
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 114094944
Conc: 500.00 ng/ml



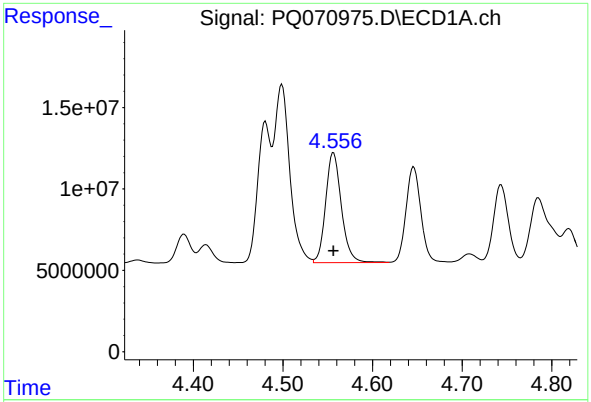
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 132302716
Conc: 500.00 ng/ml



#4 AR-1016-2

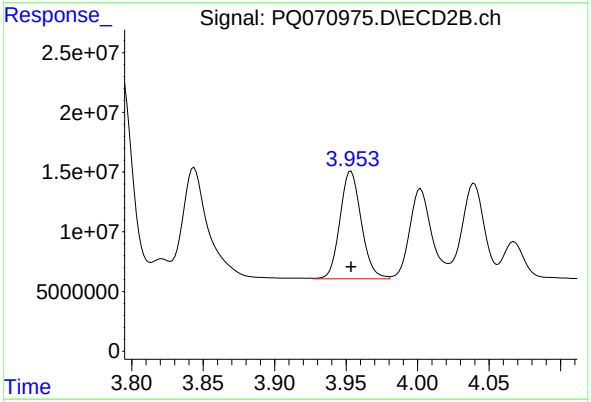
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 172805809
Conc: 500.00 ng/ml



#5 AR-1016-3

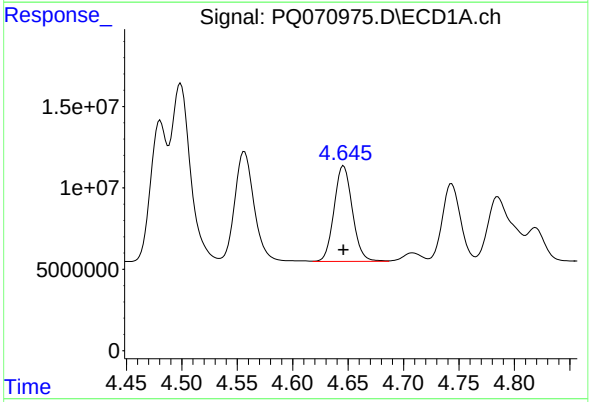
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 82208498
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



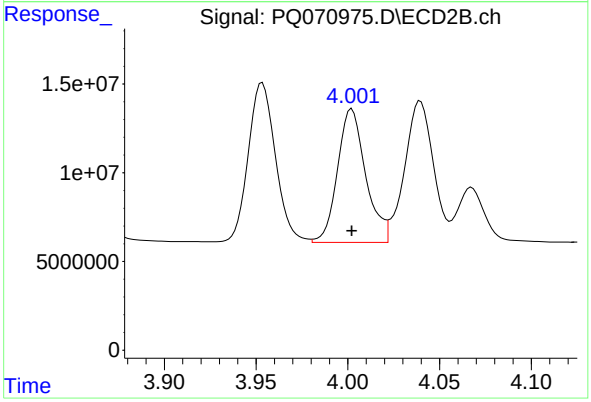
#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 93517571
Conc: 500.00 ng/ml



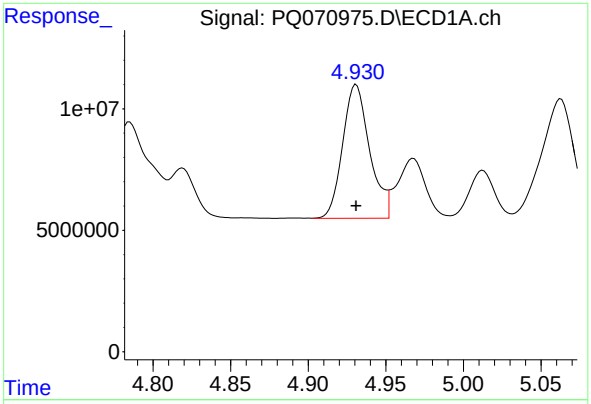
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 67424126
Conc: 500.00 ng/ml



#6 AR-1016-4

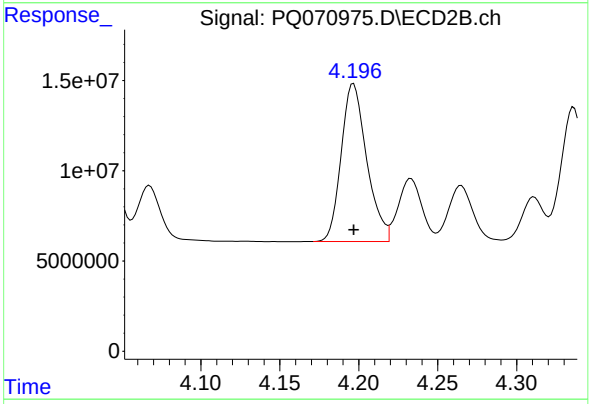
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 80581398
Conc: 500.00 ng/ml



#7 AR-1016-5

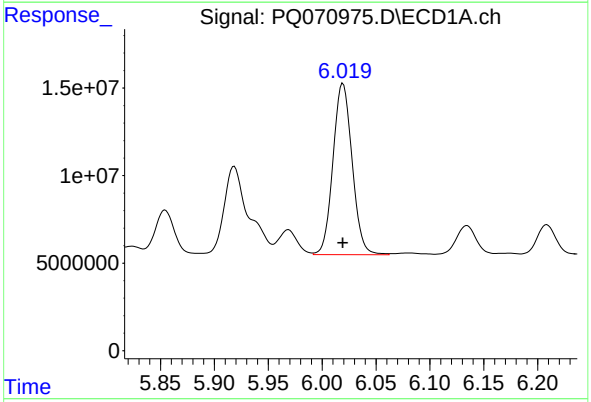
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 66668174
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



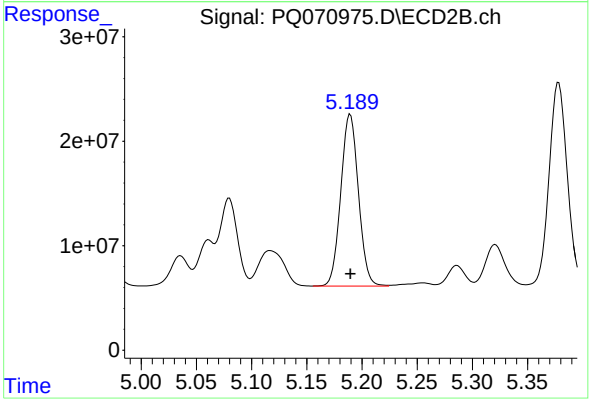
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 98481559
Conc: 500.00 ng/ml



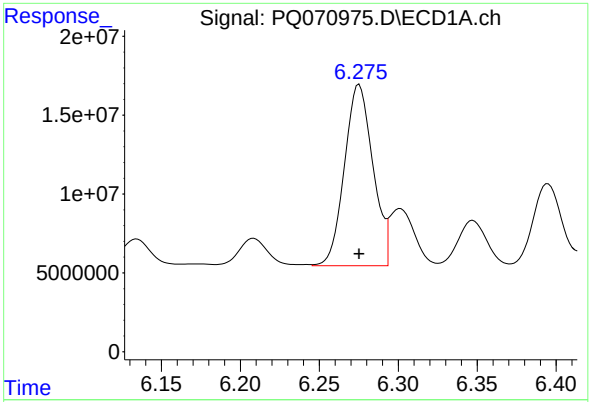
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 120938759
Conc: 500.00 ng/ml



#31 AR-1260-1

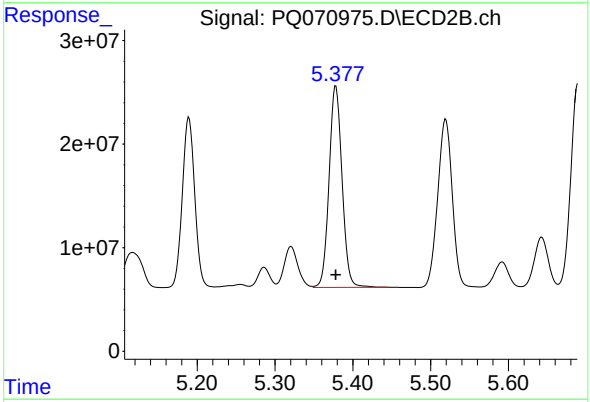
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 182871121
Conc: 500.00 ng/ml



#32 AR-1260-2

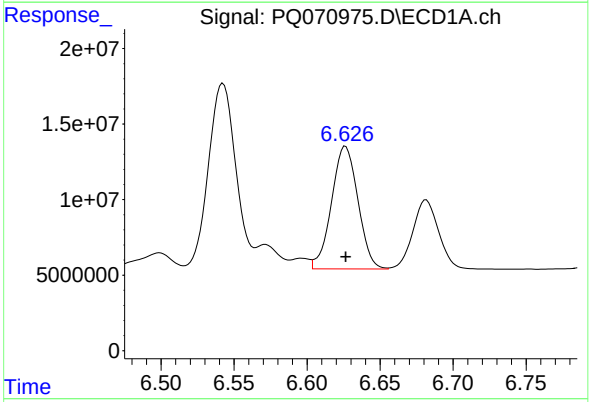
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 143855136
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



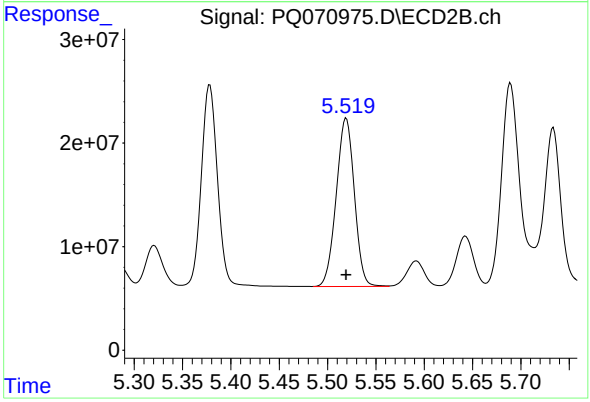
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 225169968
Conc: 500.00 ng/ml



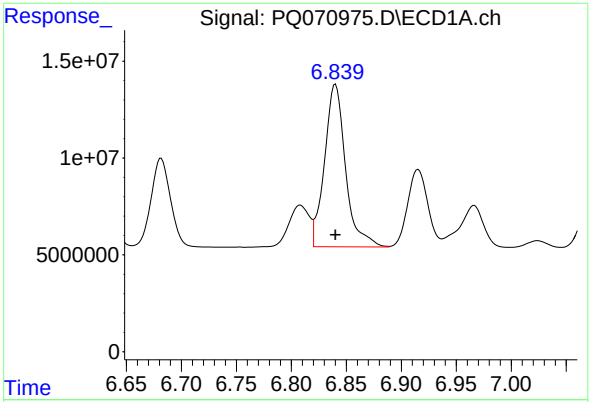
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 102326803
Conc: 500.00 ng/ml



#33 AR-1260-3

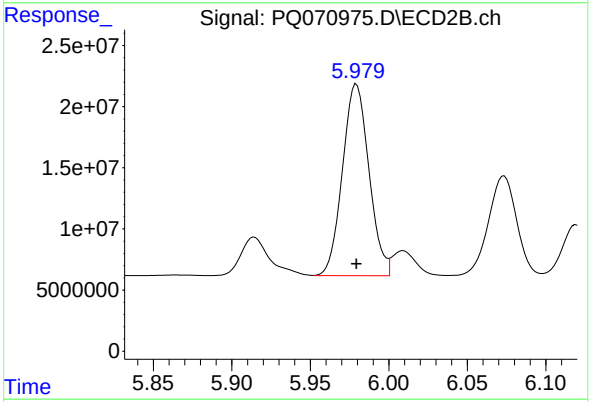
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 211797535
Conc: 500.00 ng/ml



#34 AR-1260-4

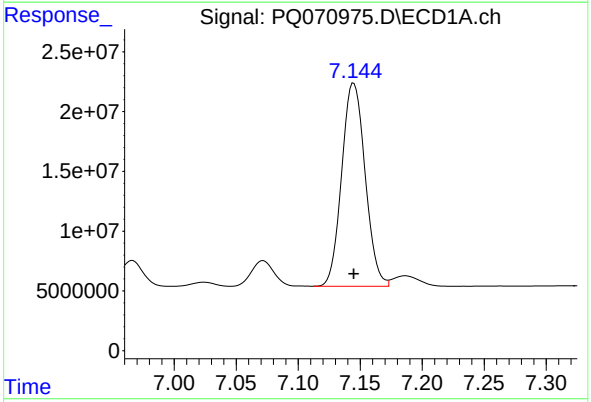
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 111845082
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



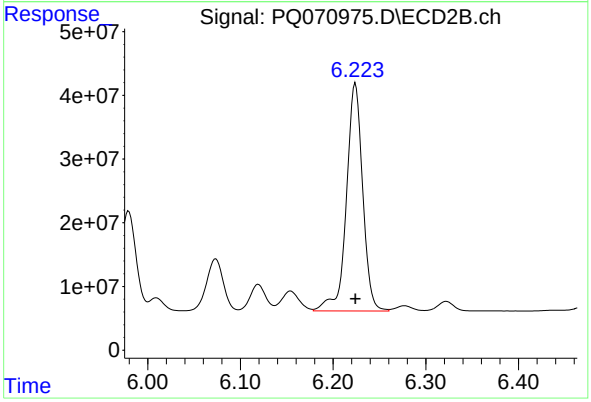
#34 AR-1260-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 184150913
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 223753809
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 436544757
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:40
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:01:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	112.4E6	132.6E6	25.824	25.753
2)	SA Decachlor...	8.495	7.534	77430043	134.0E6	26.685	26.803
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.778	43873025	59445752	266.271	269.814
4)	L1 AR-1016-2	4.499	3.794	67879501	89768912	264.062	266.260
5)	L1 AR-1016-3	4.557	3.954	42399194	48815753	266.464	268.576
6)	L1 AR-1016-4	4.646	4.003	34575940	42722621	264.598	273.066
7)	L1 AR-1016-5	4.931	4.197	34076692	51408265	264.457	269.895
31)	L7 AR-1260-1	6.019	5.190	61964969	95539541	265.698	268.599
32)	L7 AR-1260-2	6.275	5.379	74180101	116.7E6	268.916	267.943
33)	L7 AR-1260-3	6.626	5.520	52397657	109.0E6	265.747	265.224
34)	L7 AR-1260-4	6.840	5.980	57203584	95029278	266.583	266.063
35)	L7 AR-1260-5	7.146	6.224	113.0E6	220.2E6	260.134	262.889

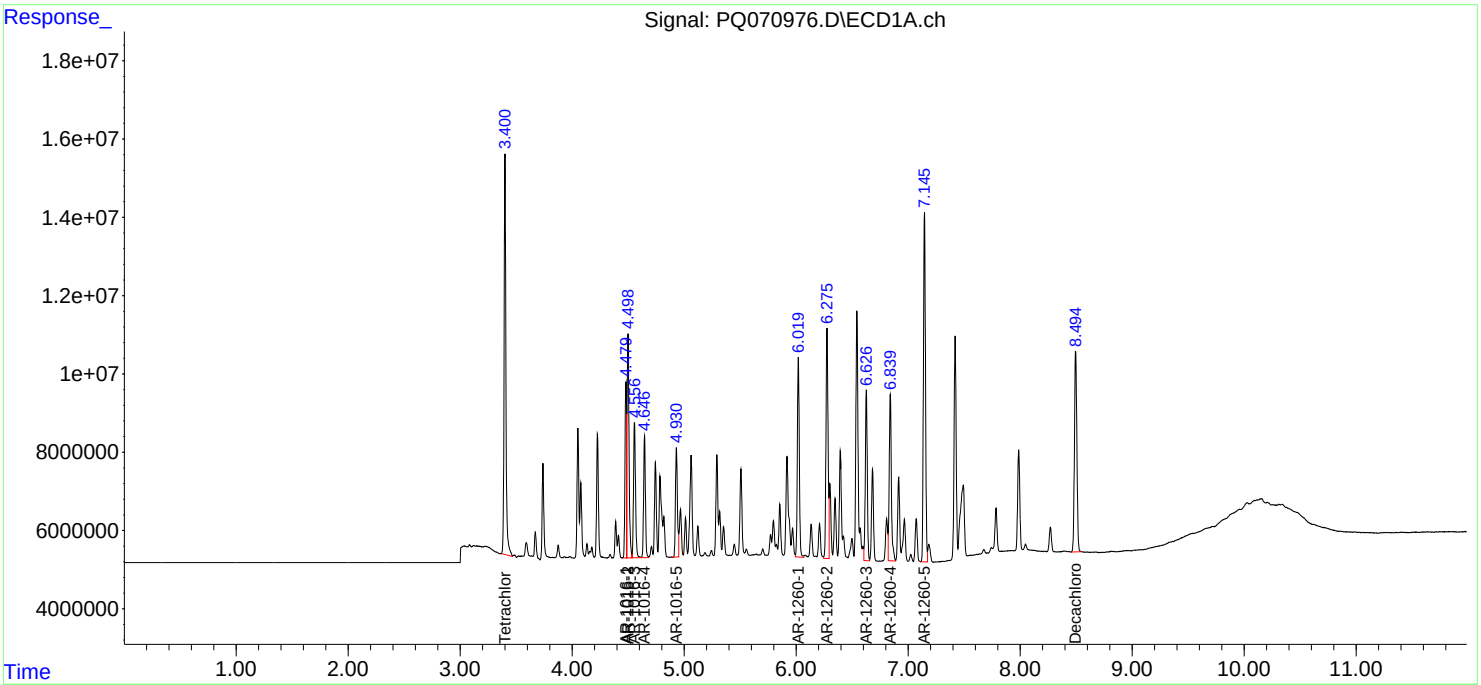
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

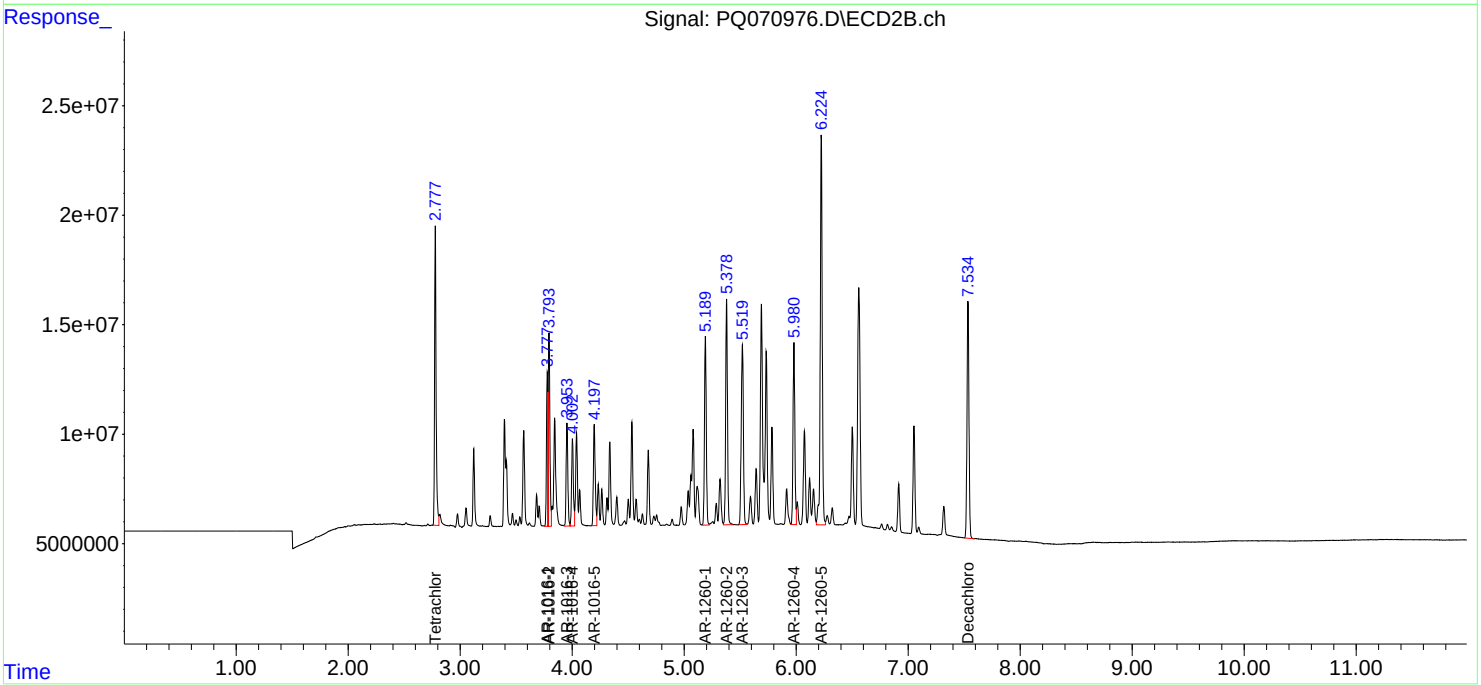
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:40
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

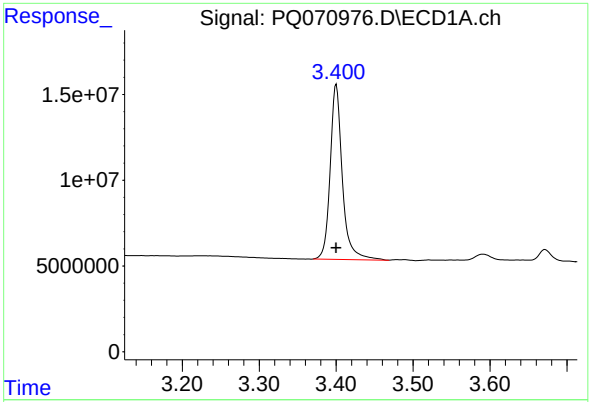
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:01:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



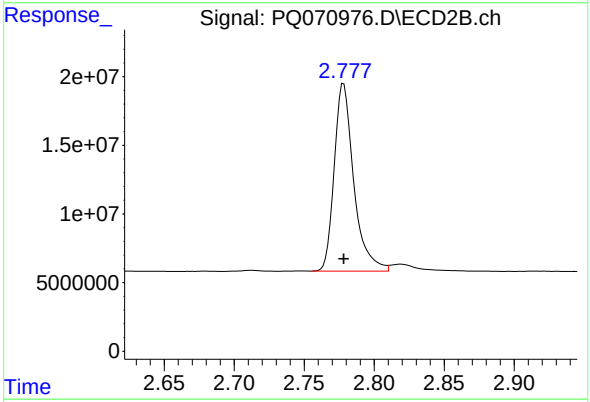




#1 Tetrachloro-m-xylene

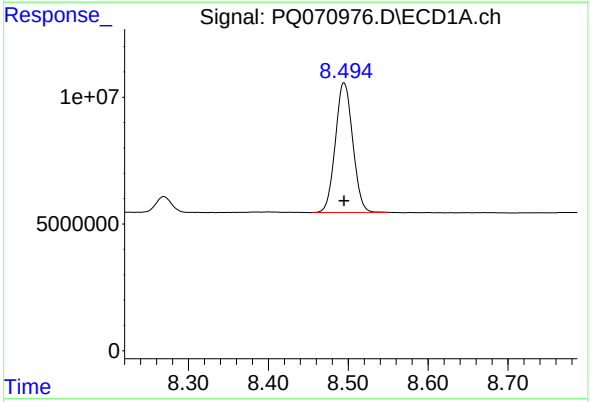
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 112427951
Conc: 25.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



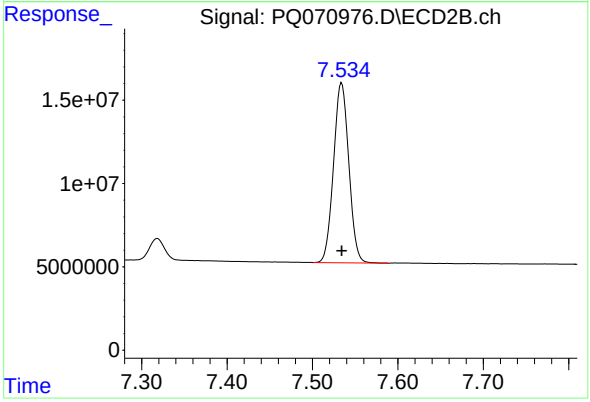
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 132564653
Conc: 25.75 ng/ml



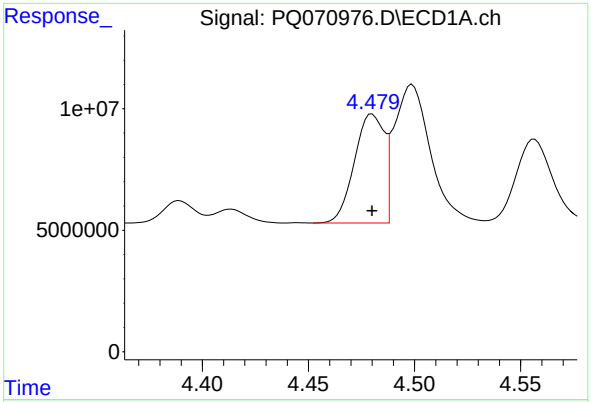
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 77430043
Conc: 26.68 ng/ml



#2 Decachlorobiphenyl

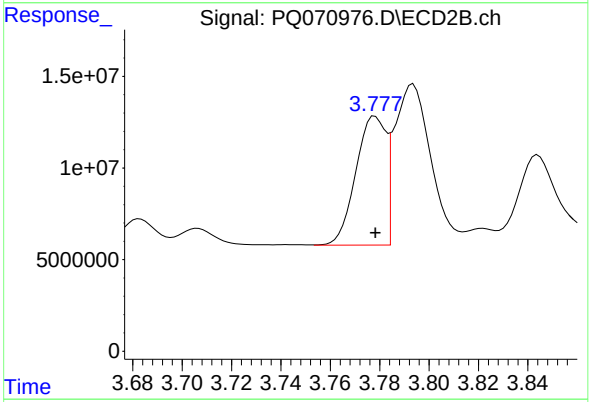
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 133997963
Conc: 26.80 ng/ml



#3 AR-1016-1

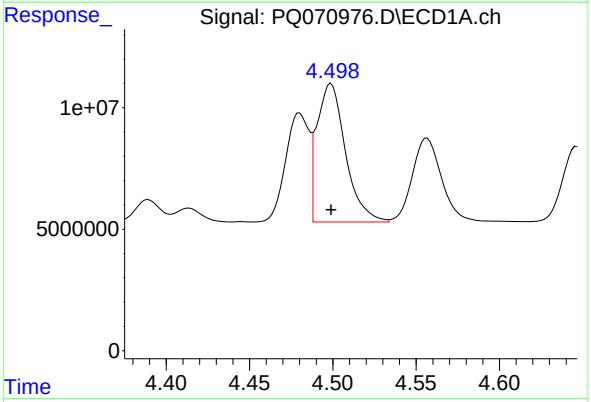
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 43873025
Conc: 266.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



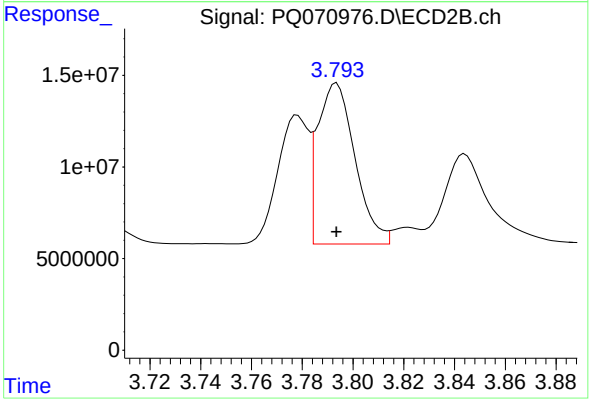
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 59445752
Conc: 269.81 ng/ml



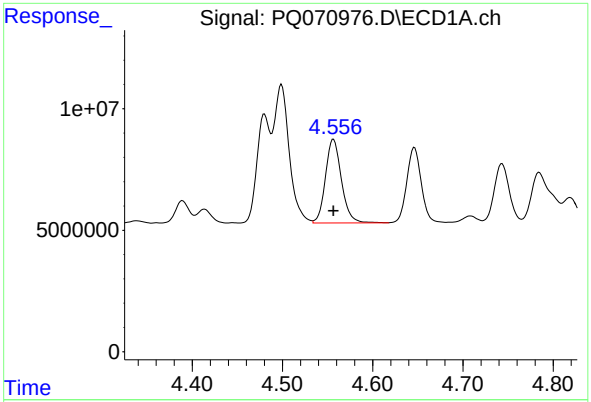
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 67879501
Conc: 264.06 ng/ml



#4 AR-1016-2

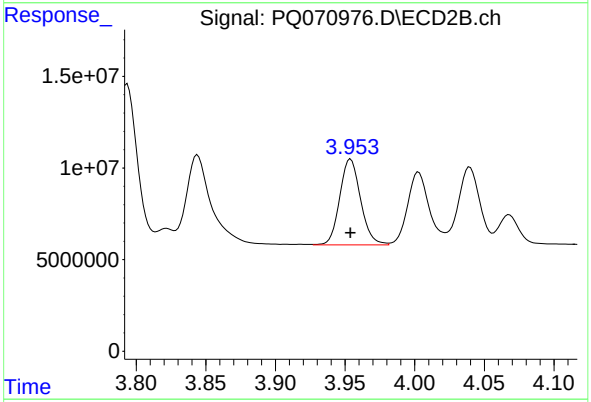
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 89768912
Conc: 266.26 ng/ml



#5 AR-1016-3

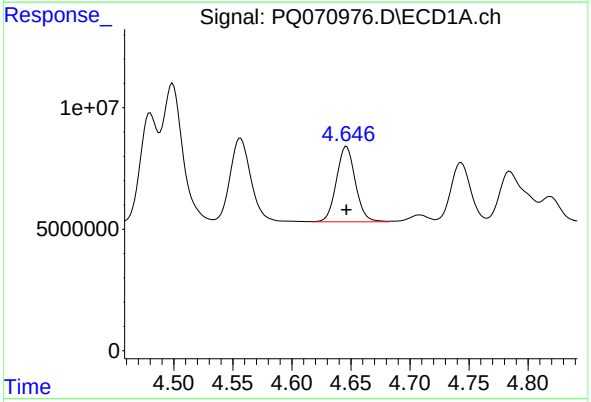
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 42399194
Conc: 266.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



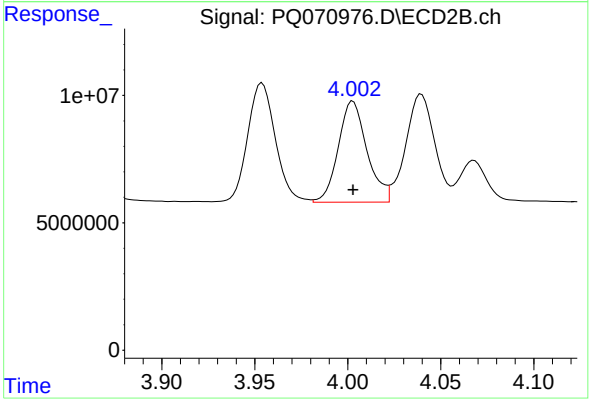
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 48815753
Conc: 268.58 ng/ml



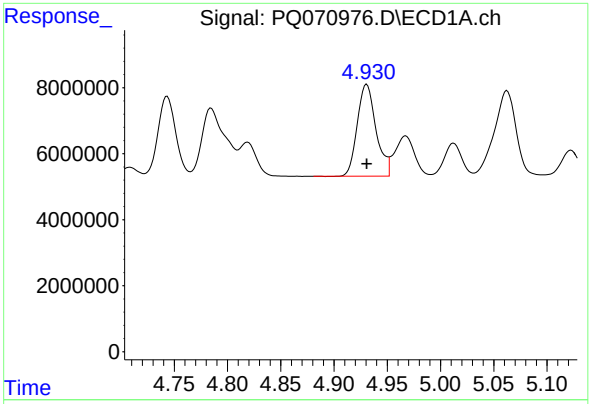
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 34575940
Conc: 264.60 ng/ml



#6 AR-1016-4

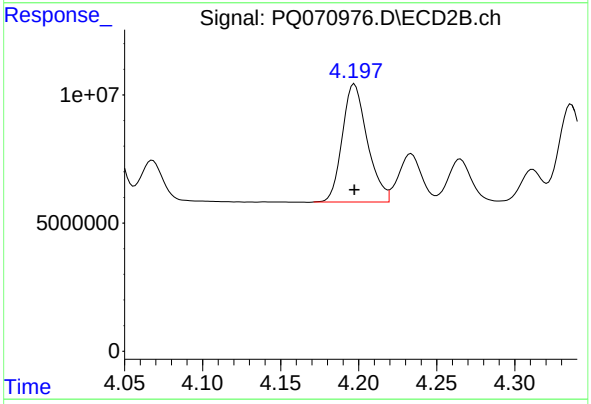
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 42722621
Conc: 273.07 ng/ml



#7 AR-1016-5

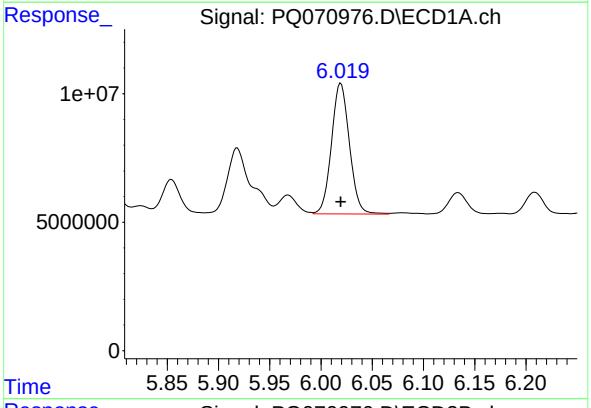
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 34076692
Conc: 264.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



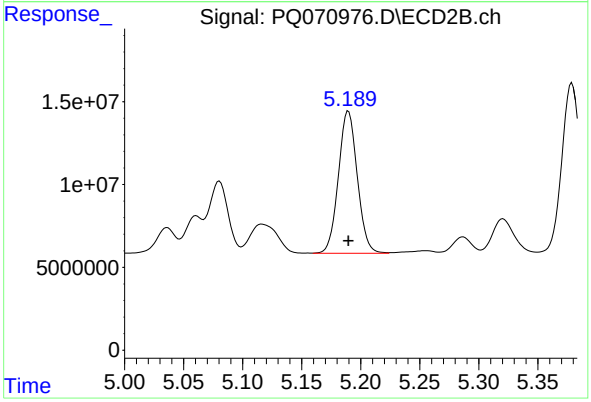
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 51408265
Conc: 269.90 ng/ml



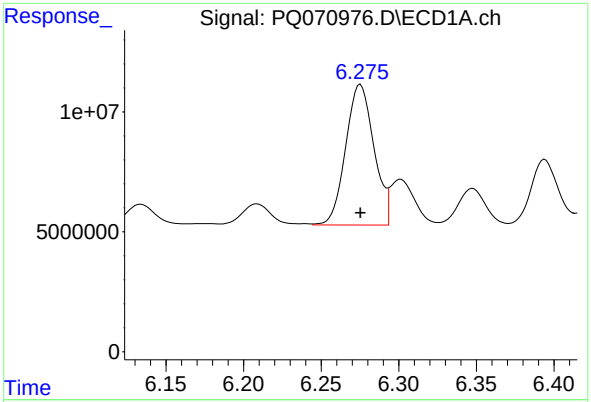
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 61964969
Conc: 265.70 ng/ml



#31 AR-1260-1

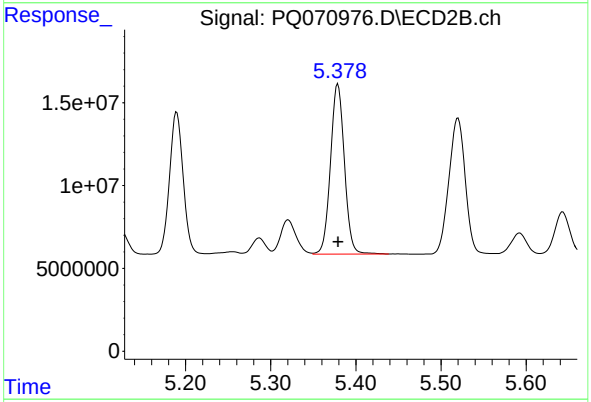
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 95539541
Conc: 268.60 ng/ml



#32 AR-1260-2

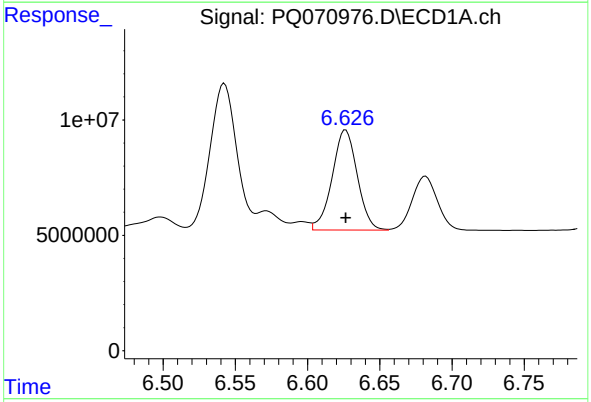
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 74180101
Conc: 268.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



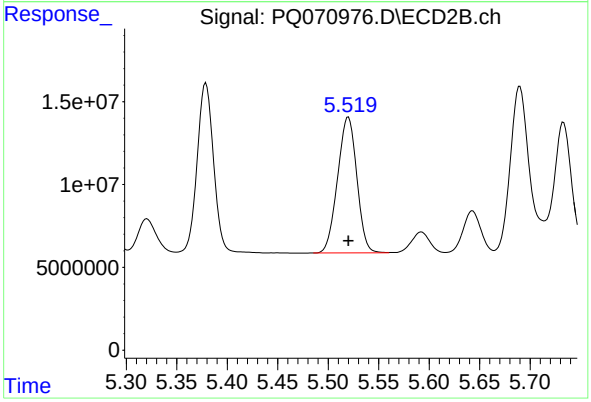
#32 AR-1260-2

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 116697737
Conc: 267.94 ng/ml



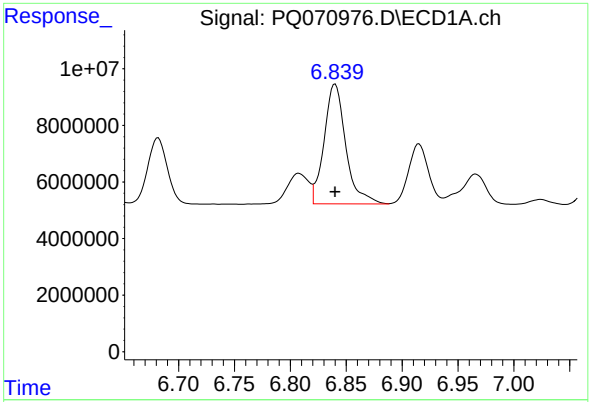
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 52397657
Conc: 265.75 ng/ml



#33 AR-1260-3

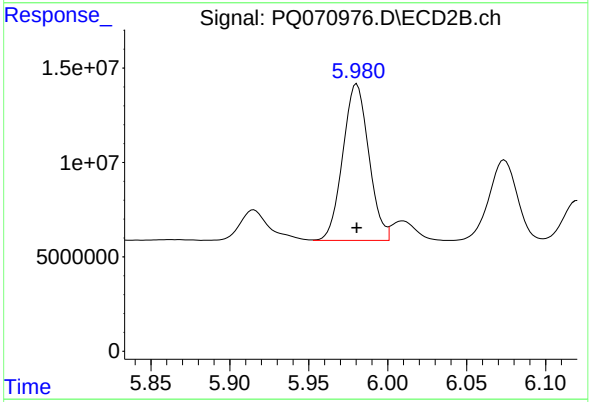
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 109012506
Conc: 265.22 ng/ml



#34 AR-1260-4

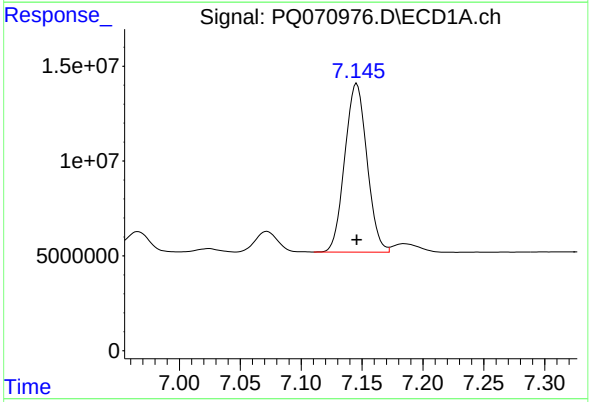
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 57203584
Conc: 266.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



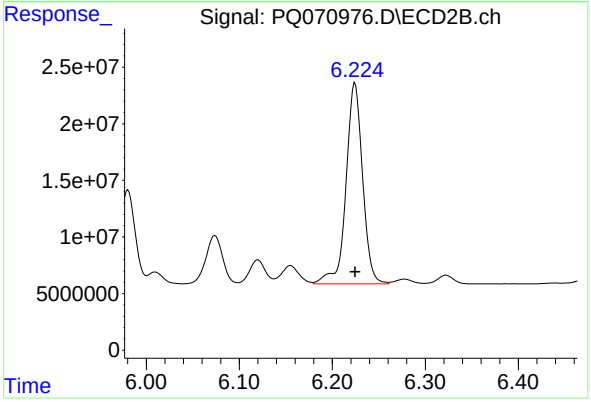
#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 95029278
Conc: 266.06 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 112984855
Conc: 260.13 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 220185144
Conc: 262.89 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:55
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:05:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	21685891	24048483	4.985	4.734
2)	SA Decachlor...	8.495	7.533	14566242	26253649	5.016	5.199
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.778	8082361	11936188	49.239	53.286
4)	L1 AR-1016-2	4.498	3.793	12661786	17601233	49.403	51.750
5)	L1 AR-1016-3	4.557	3.953	7955970	9113143	50.000	50.111
6)	L1 AR-1016-4	4.645	4.002	6347651	8062138	48.855	51.217
7)	L1 AR-1016-5	4.930	4.197	6429669	9865534	49.919	51.425
31)	L7 AR-1260-1	6.019	5.190	11974683	18962286	51.162m	52.614
32)	L7 AR-1260-2	6.274	5.378	13982610	22891919	50.322m	52.028
33)	L7 AR-1260-3	6.626	5.519	10392796	21545658	52.144	51.917
34)	L7 AR-1260-4	6.840	5.980	10804624	18507162	50.281	51.443
35)	L7 AR-1260-5	7.145	6.224	21577675	42558760	49.744	50.648

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:55
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

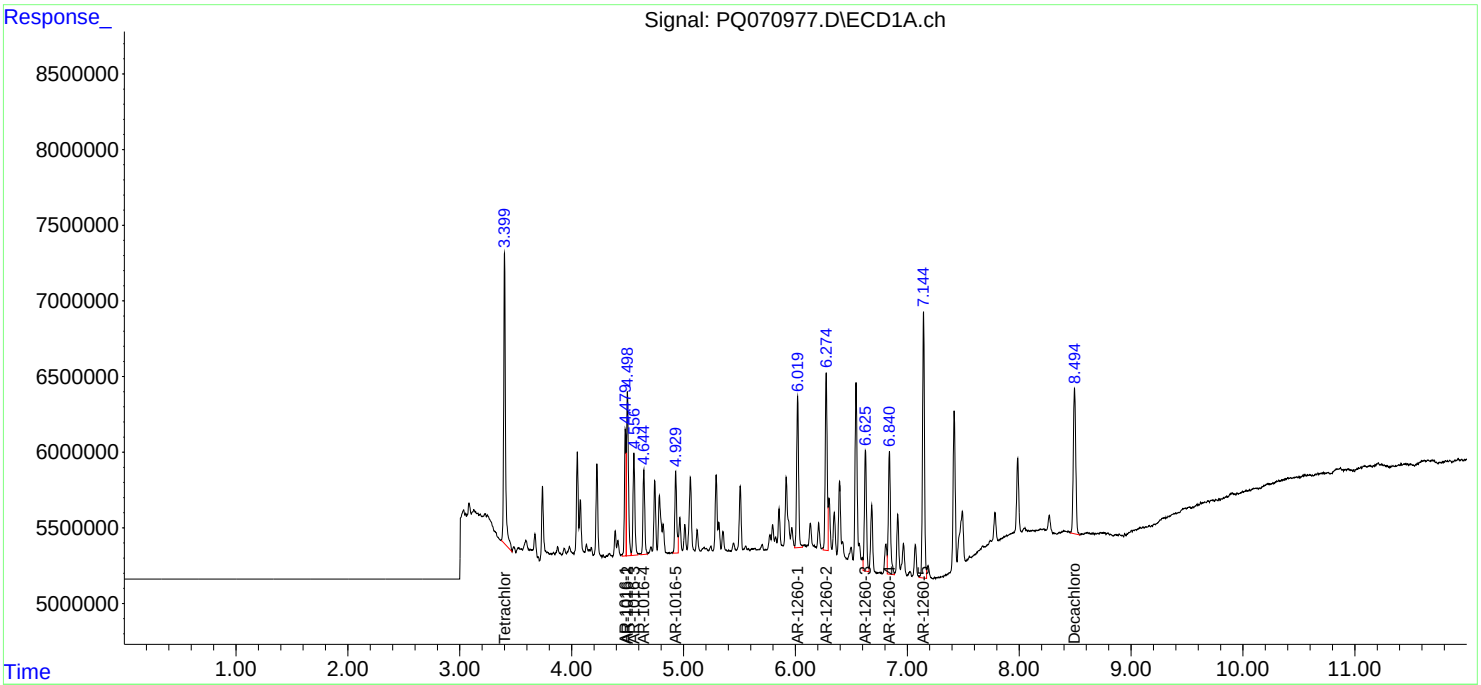
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

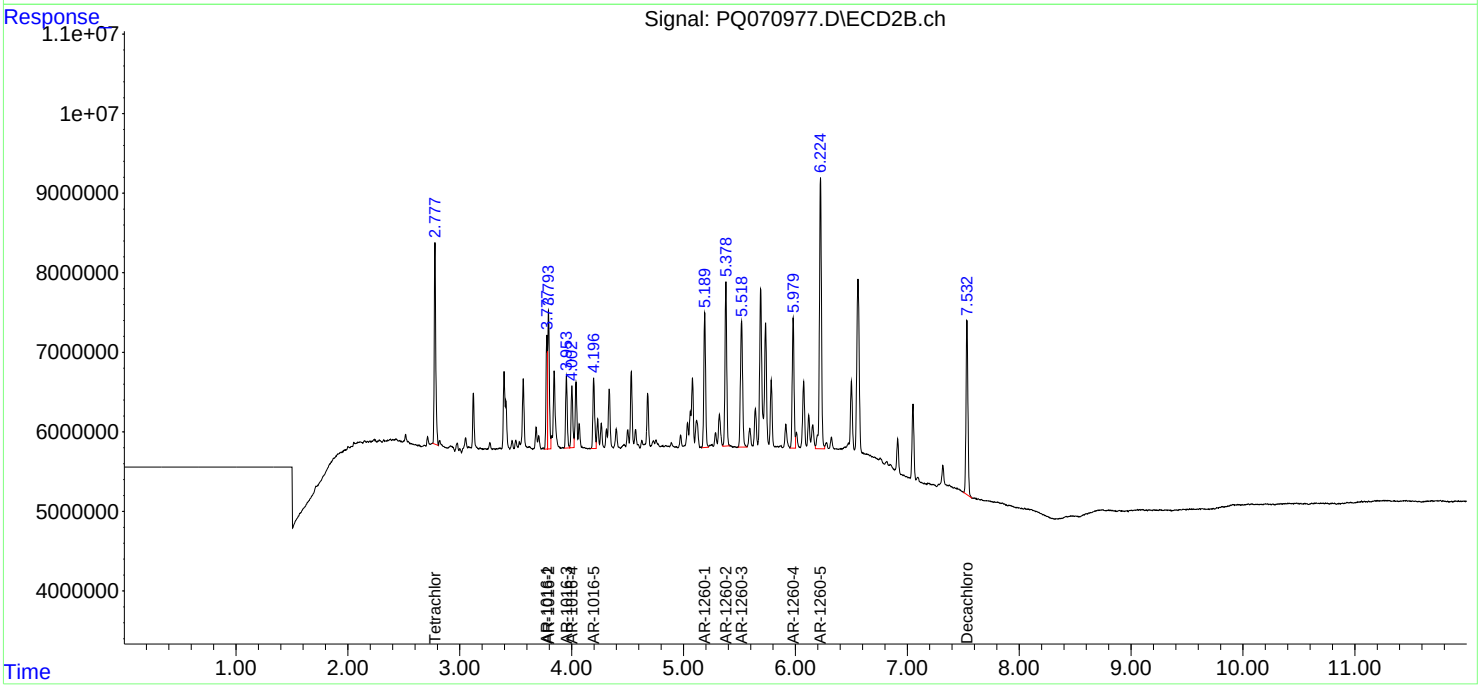
Manual Integrations APPROVED

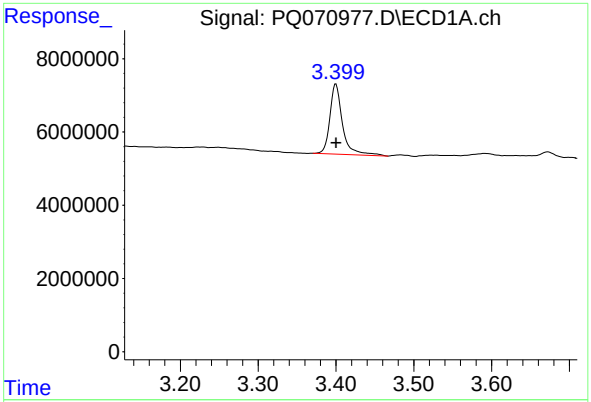
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:05:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







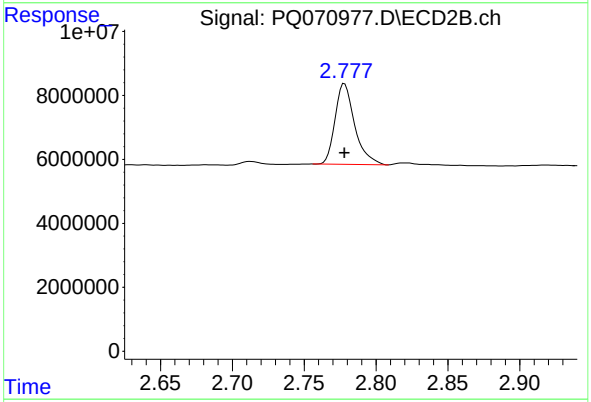
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 21685891
Conc: 4.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

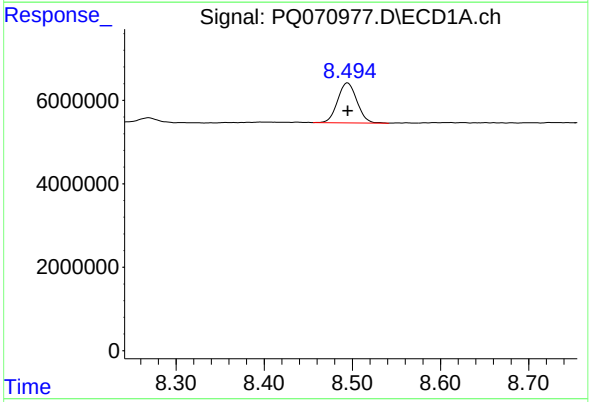
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



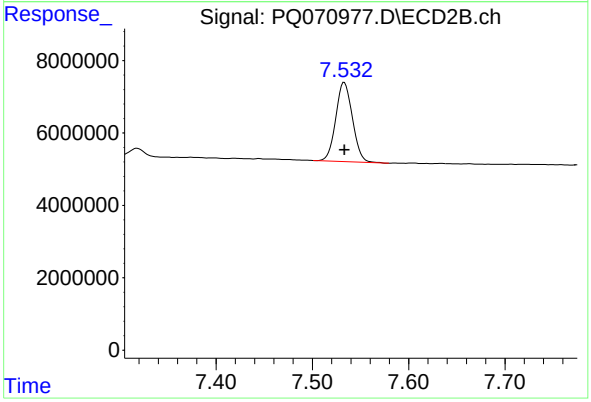
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 24048483
Conc: 4.73 ng/ml



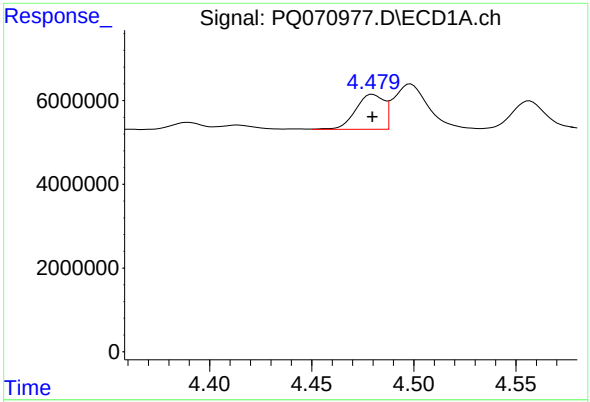
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 14566242
Conc: 5.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 26253649
Conc: 5.20 ng/ml



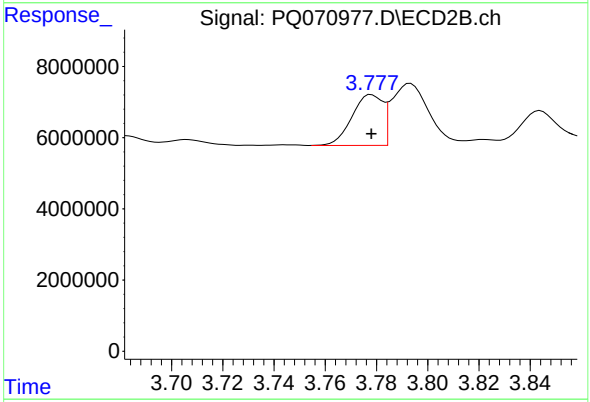
#3 AR-1016-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 8082361
Conc: 49.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

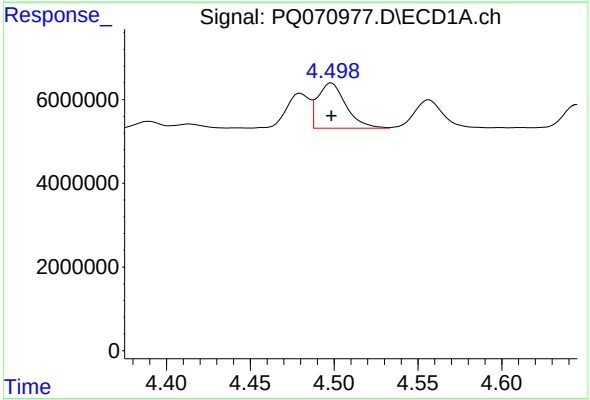
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



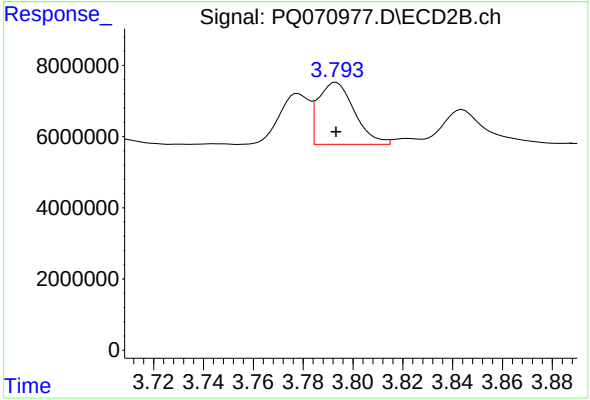
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 11936188
Conc: 53.29 ng/ml



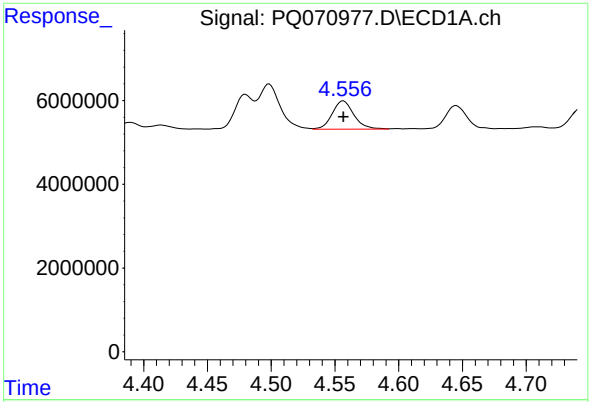
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 12661786
Conc: 49.40 ng/ml



#4 AR-1016-2

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 17601233
Conc: 51.75 ng/ml



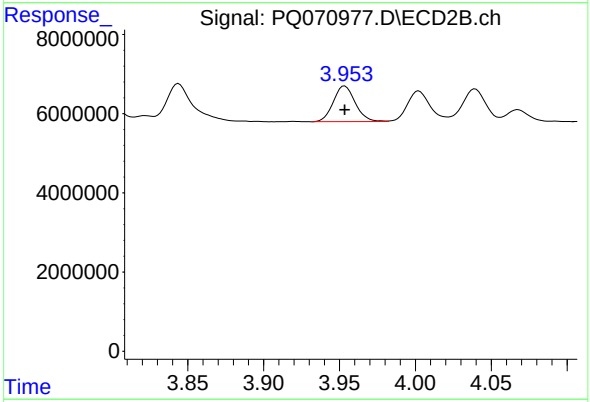
#5 AR-1016-3

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 7955970
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

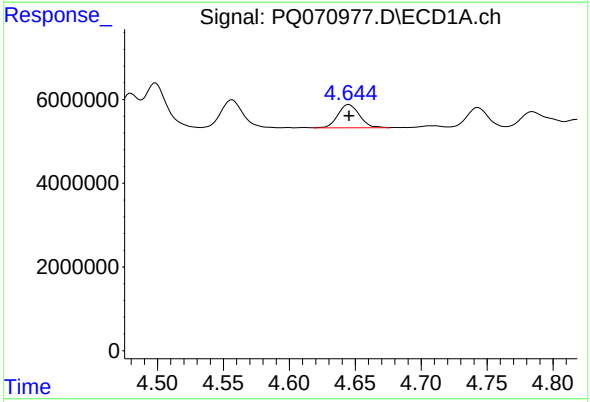
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



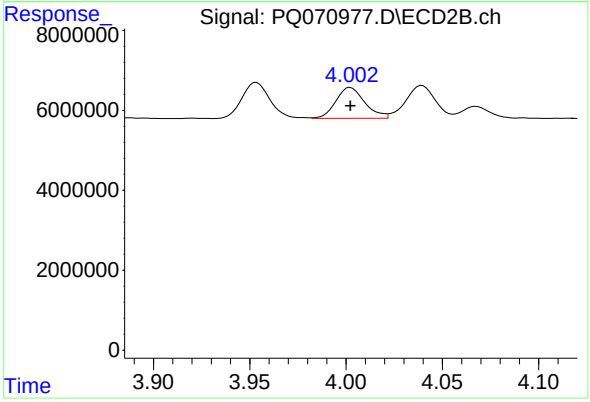
#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 9113143
Conc: 50.11 ng/ml



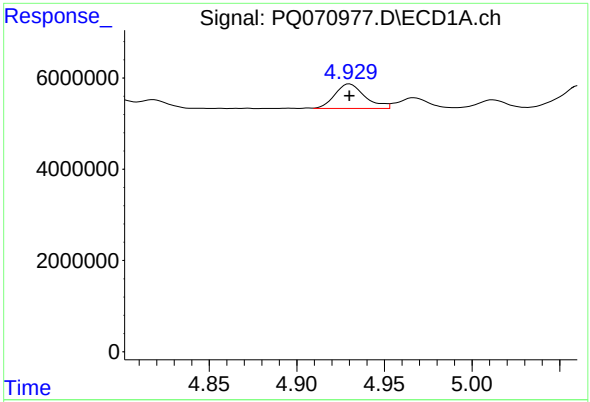
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 6347651
Conc: 48.85 ng/ml



#6 AR-1016-4

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 8062138
Conc: 51.22 ng/ml



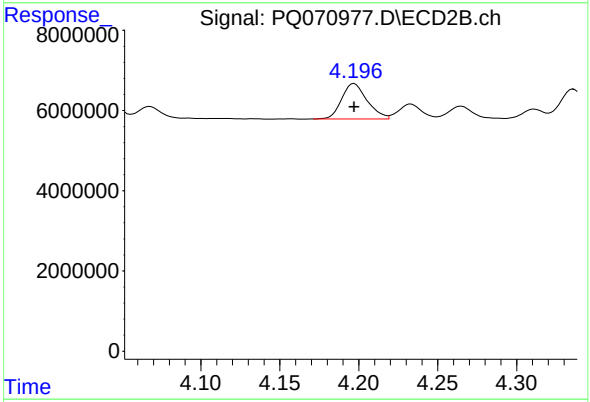
#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 6429669
Conc: 49.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

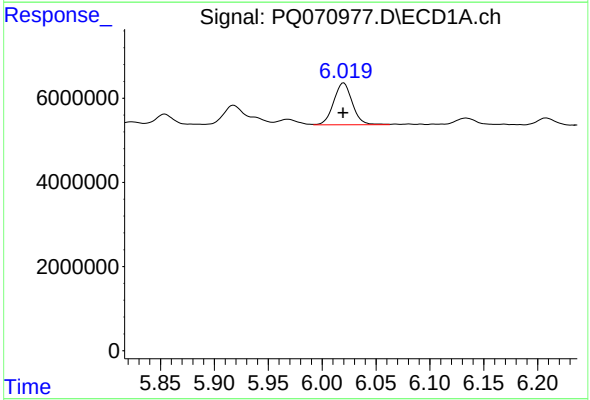
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



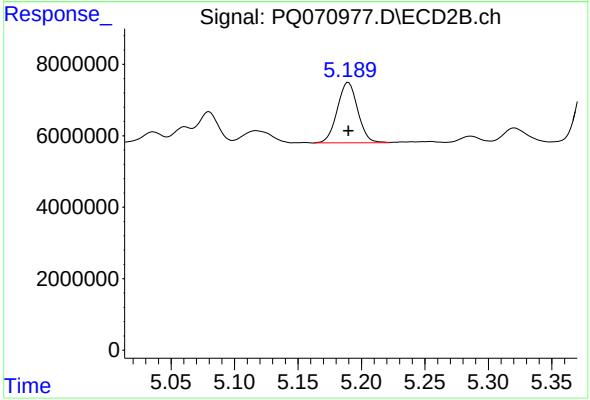
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 9865534
Conc: 51.43 ng/ml



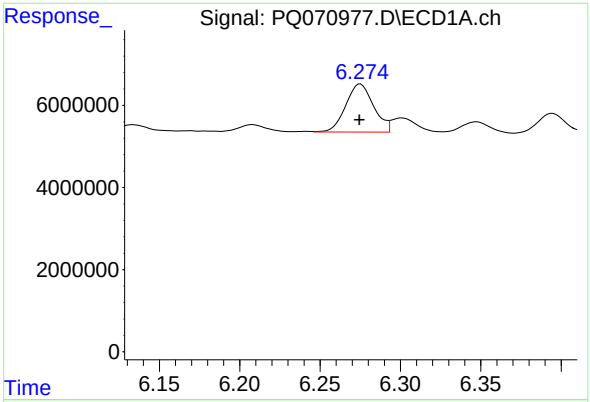
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 11974683
Conc: 51.16 ng/ml m



#31 AR-1260-1

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 18962286
Conc: 52.61 ng/ml



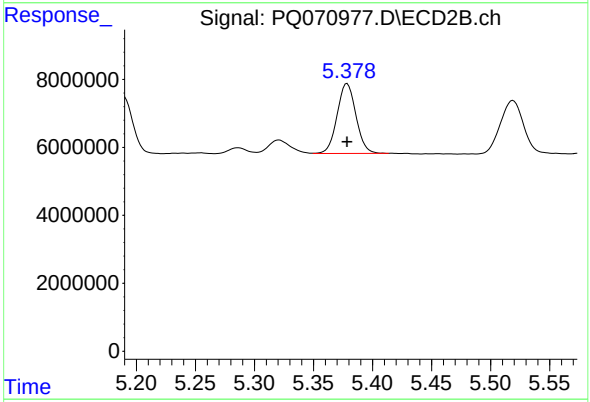
#32 AR-1260-2

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 13982610
Conc: 50.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

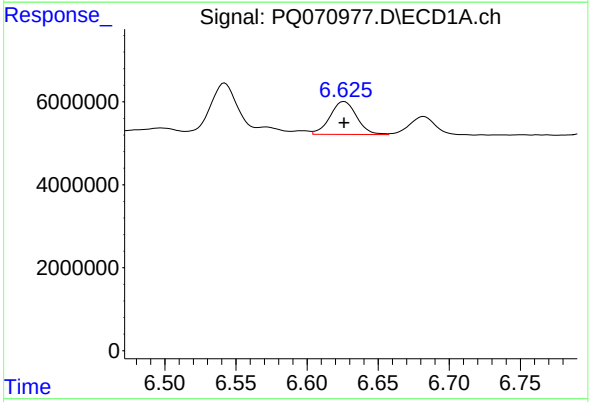
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



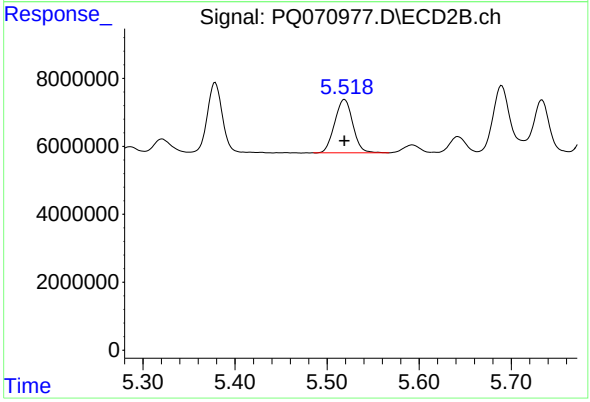
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 22891919
Conc: 52.03 ng/ml



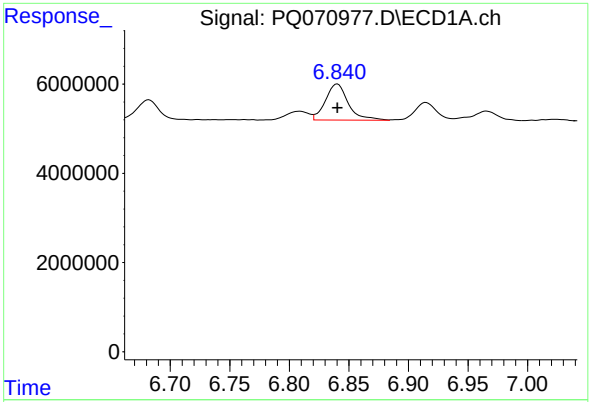
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 10392796
Conc: 52.14 ng/ml



#33 AR-1260-3

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 21545658
Conc: 51.92 ng/ml



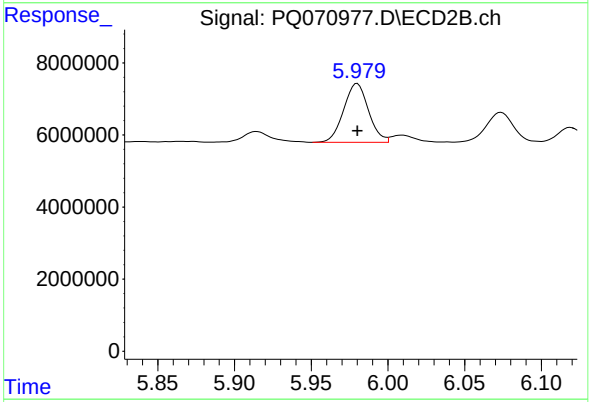
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 10804624
Conc: 50.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

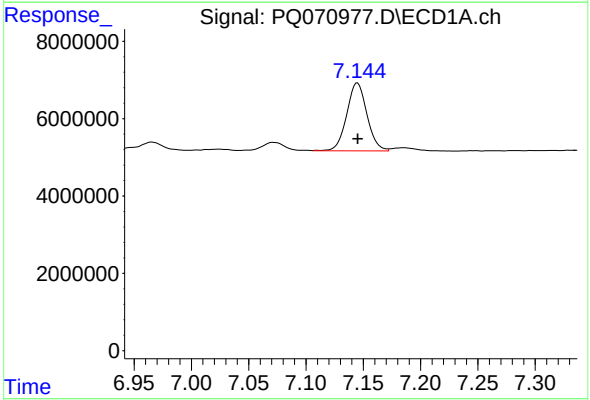
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



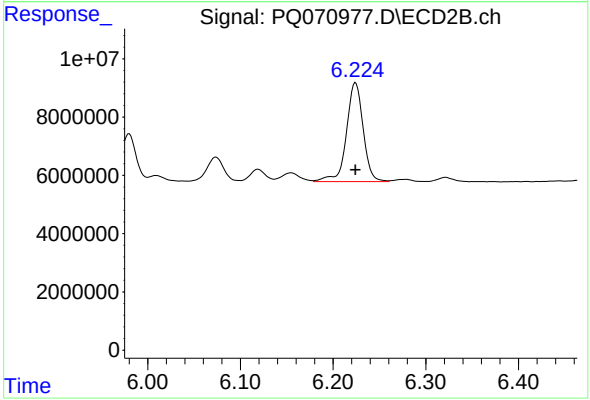
#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 18507162
Conc: 51.44 ng/ml



#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 21577675
Conc: 49.74 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 42558760
Conc: 50.65 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:09
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:55:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	220.4E6	255.3E6	50.000	50.000
2)	SA Decachlor...	8.496	7.534	149.9E6	262.1E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.594	2.977	29595379	36909578	500.000	500.000
9)	L2 AR-1221-2	3.672	3.053	21573372	30001568	500.000	500.000
10)	L2 AR-1221-3	3.739	3.122	66773962	85591891	500.000	500.000

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

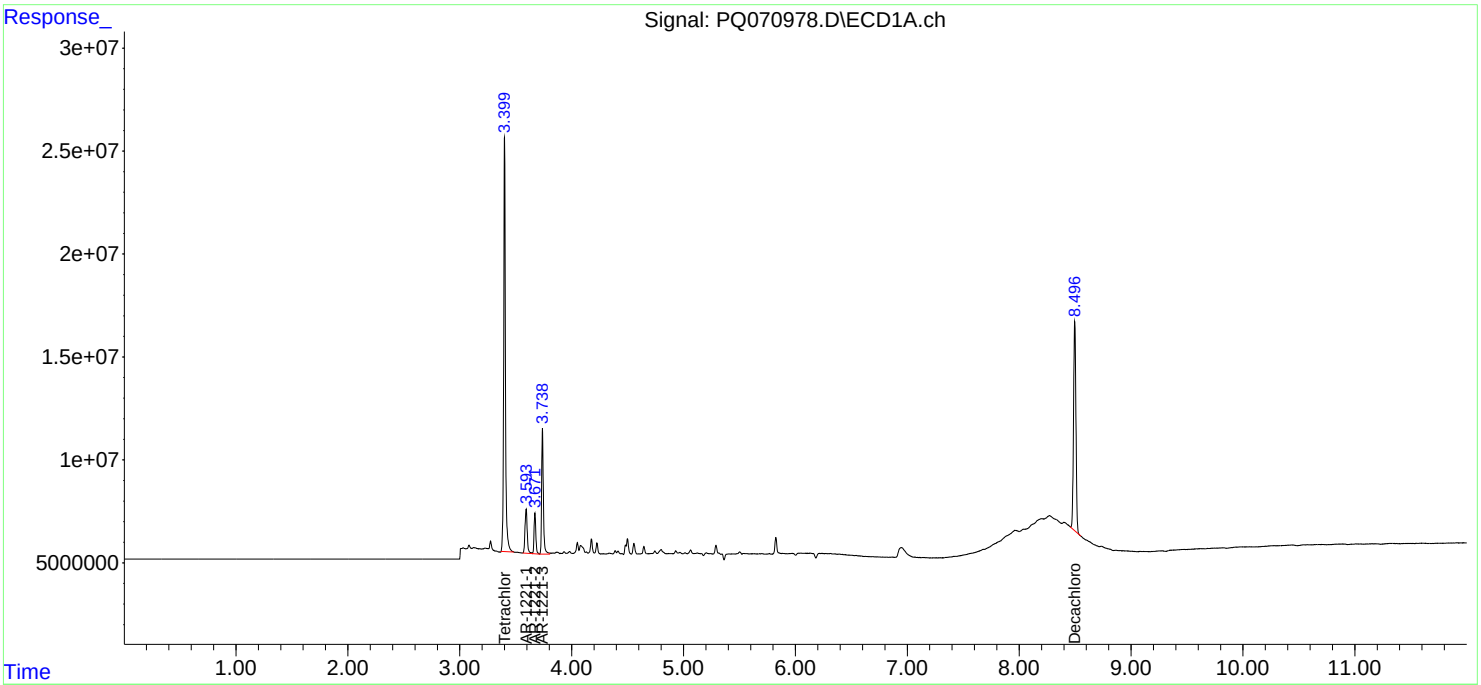
ICAL Form

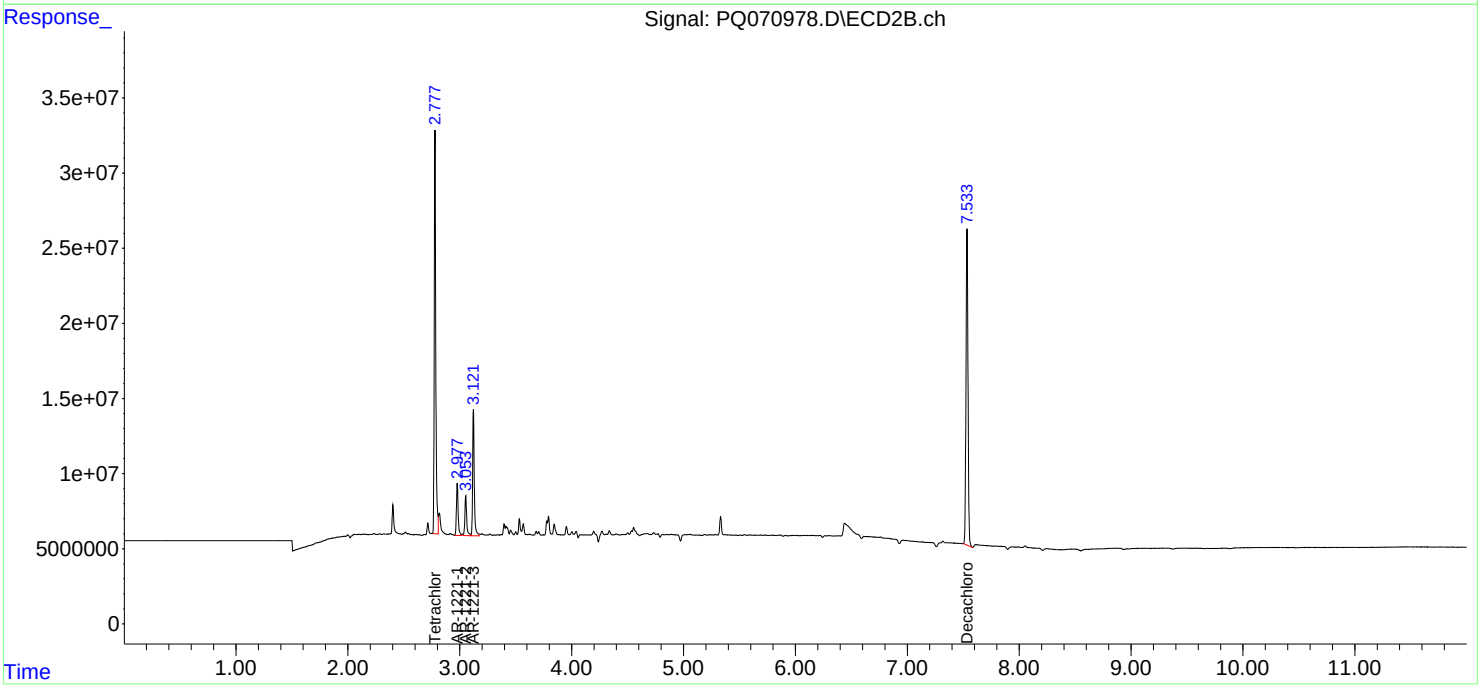
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:09
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

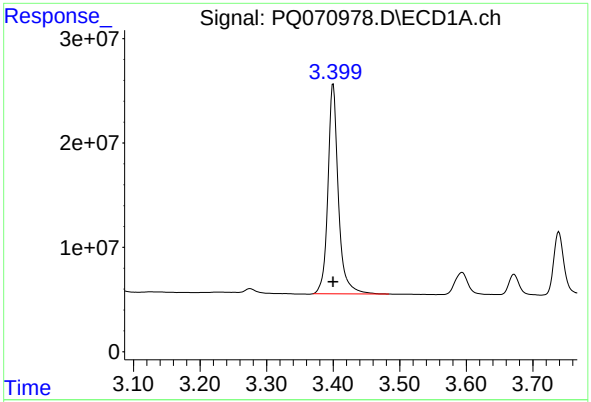
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:55:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



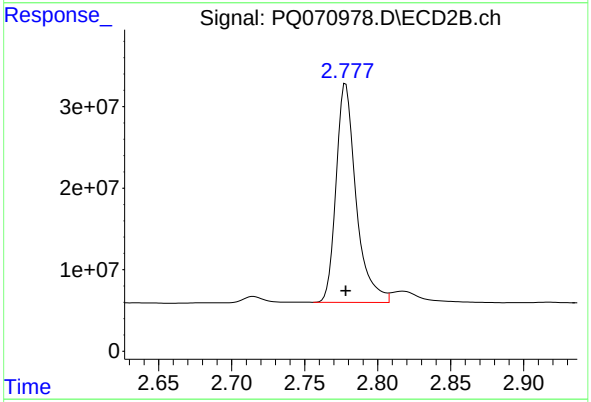




#1 Tetrachloro-m-xylene

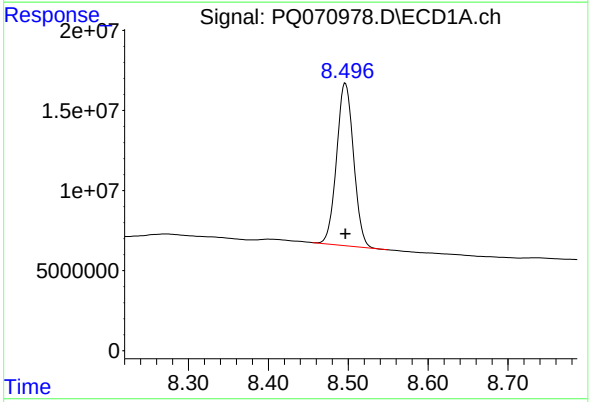
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 220369967
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



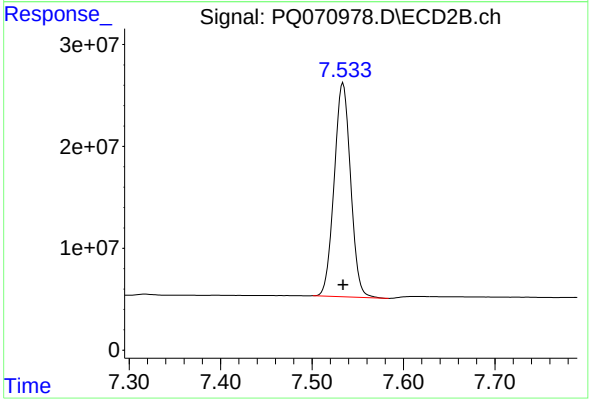
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 255300945
Conc: 50.00 ng/ml



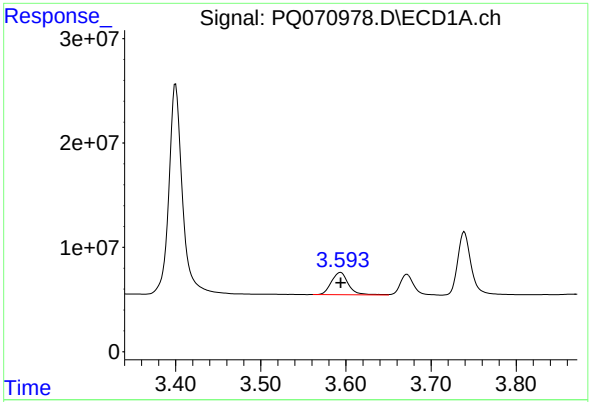
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 149874496
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

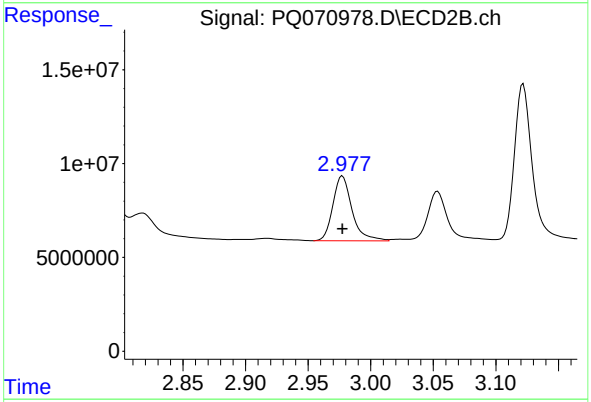
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 262139791
Conc: 50.00 ng/ml



#8 AR-1221-1

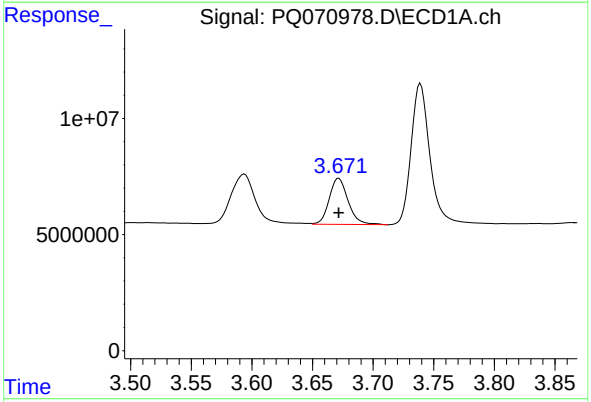
R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 29595379
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



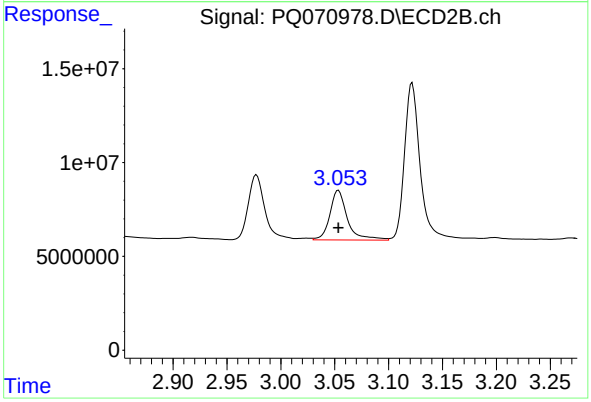
#8 AR-1221-1

R.T.: 2.977 min
Delta R.T.: 0.000 min
Response: 36909578
Conc: 500.00 ng/ml



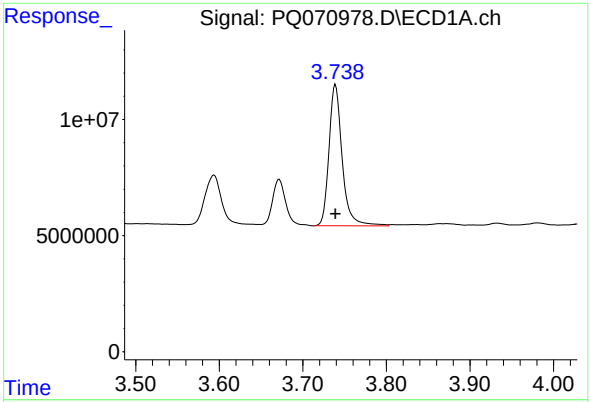
#9 AR-1221-2

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 21573372
Conc: 500.00 ng/ml



#9 AR-1221-2

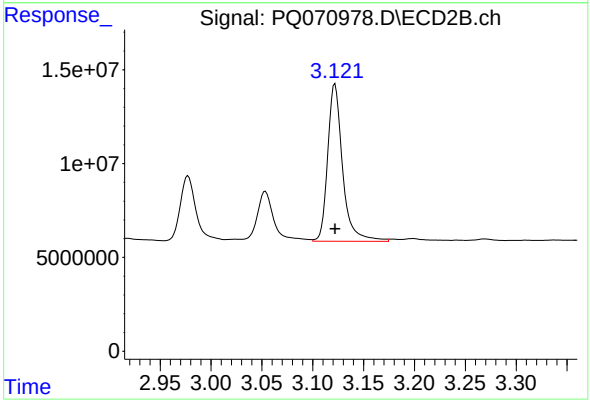
R.T.: 3.053 min
Delta R.T.: 0.000 min
Response: 30001568
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 66773962
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 85591891
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:24
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:00:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	234.5E6	276.3E6	50.000	50.000
2)	SA Decachlor...	8.497	7.534	163.6E6	280.6E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	3.739	3.121	54474047	69671226	500.000	500.000
12)	L3 AR-1232-2	4.226	3.793	28751418	69449831	500.000	500.000
13)	L3 AR-1232-3	4.499	3.953	53549480	36725094	500.000	500.000
14)	L3 AR-1232-4	4.646	4.039	27007118	31517168	500.000	500.000
15)	L3 AR-1232-5	4.785	4.197	21856633	35803624	500.000	500.000

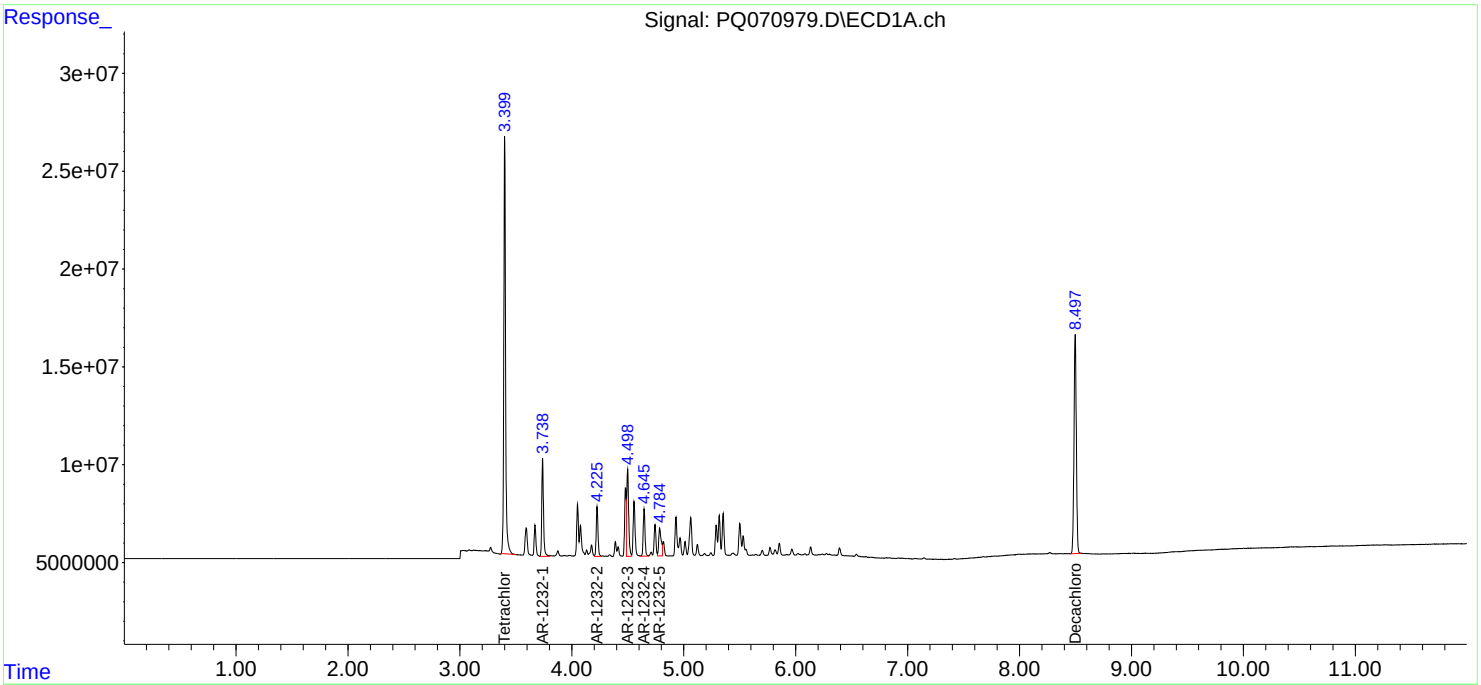
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

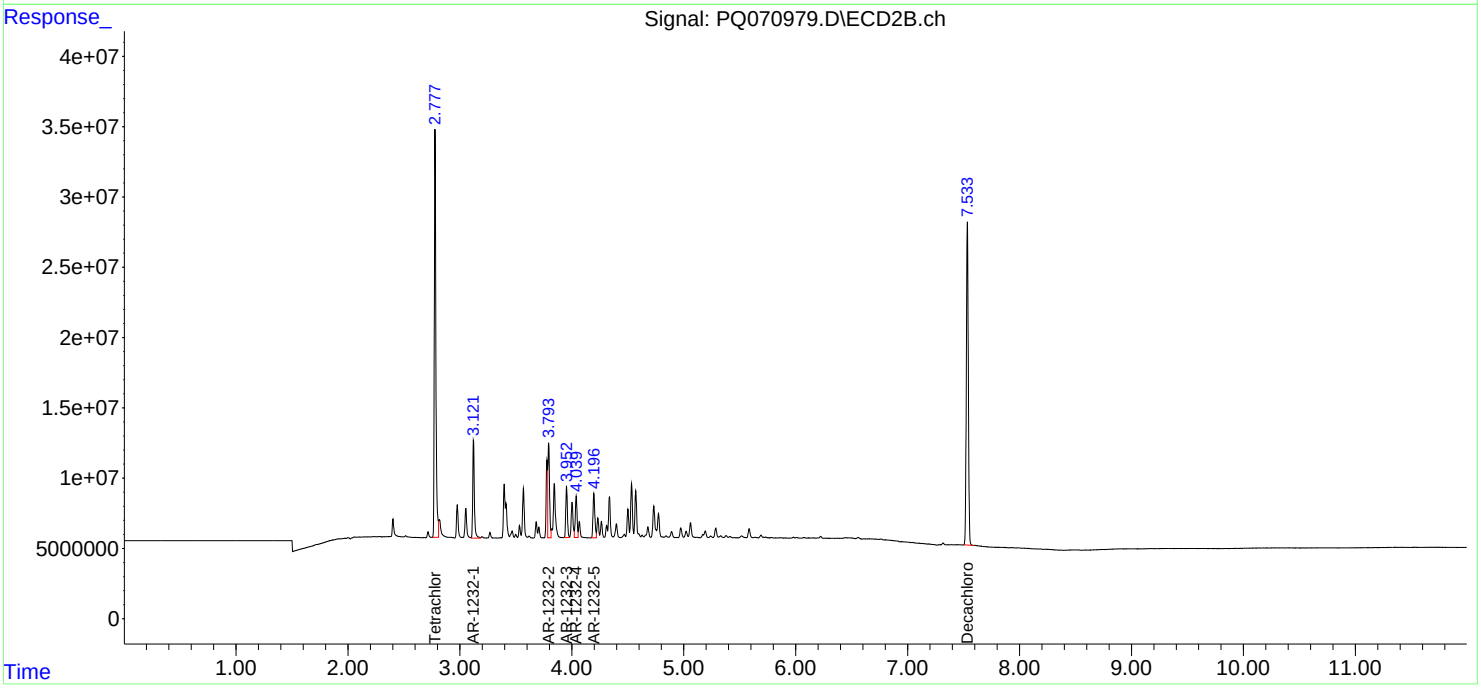
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:24
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

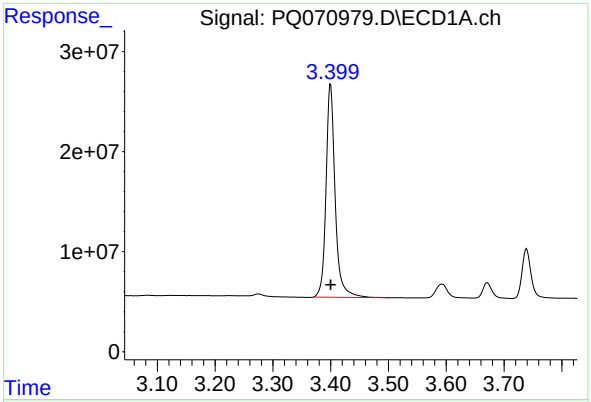
Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:00:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



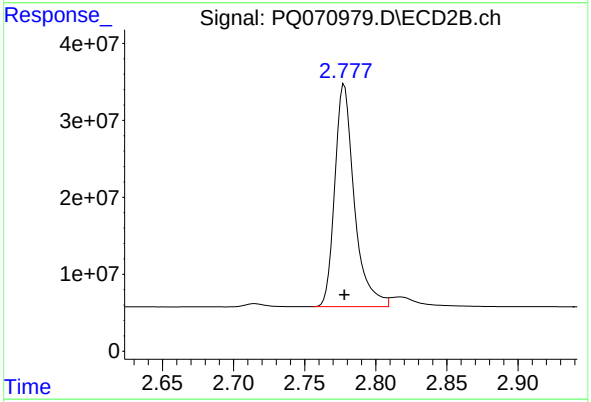




#1 Tetrachloro-m-xylene

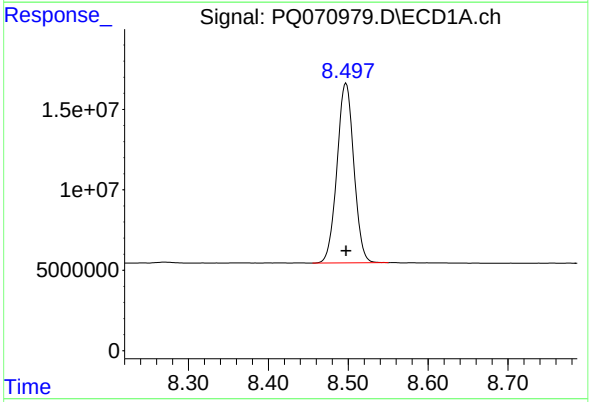
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 234547177
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



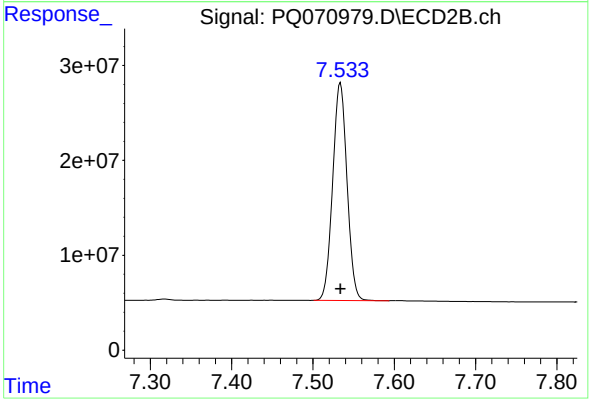
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 276348863
Conc: 50.00 ng/ml



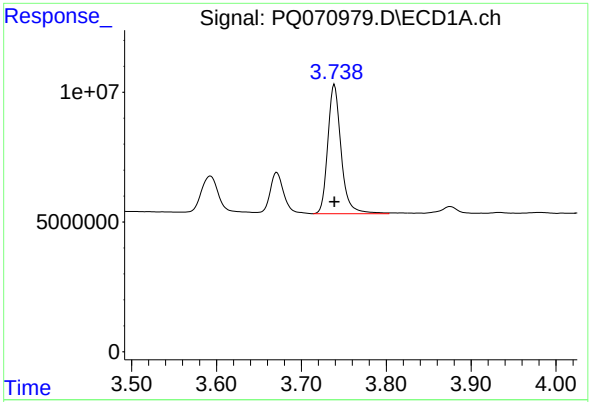
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 163612084
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

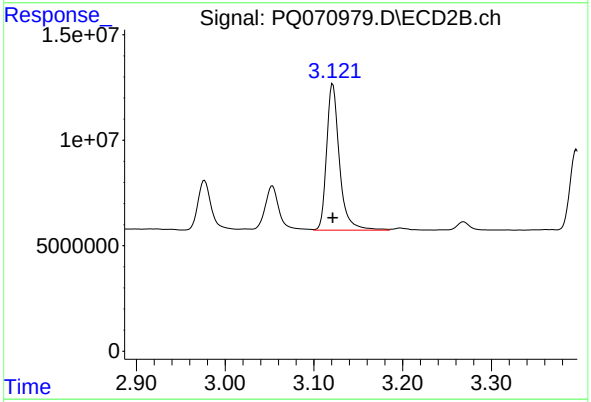
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 280551433
Conc: 50.00 ng/ml



#11 AR-1232-1

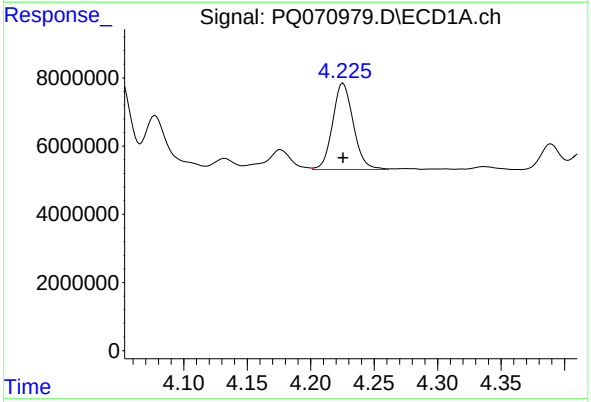
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 54474047
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



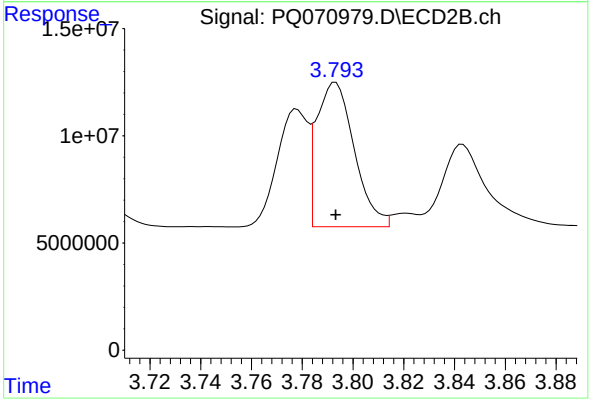
#11 AR-1232-1

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 69671226
Conc: 500.00 ng/ml



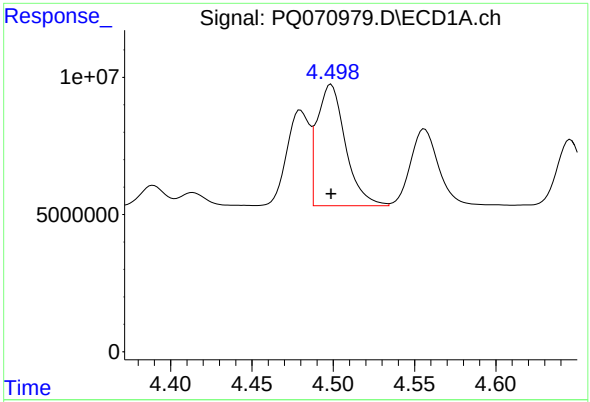
#12 AR-1232-2

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 28751418
Conc: 500.00 ng/ml



#12 AR-1232-2

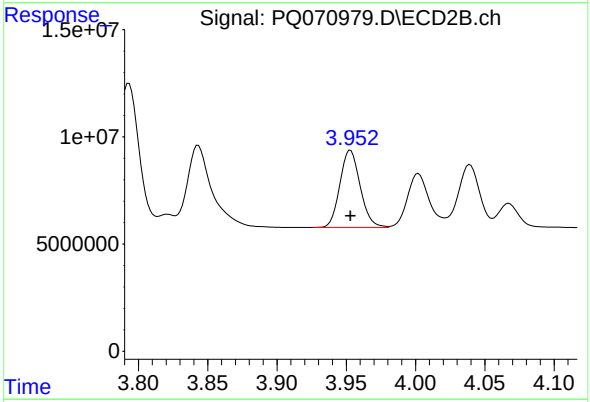
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 69449831
Conc: 500.00 ng/ml



#13 AR-1232-3

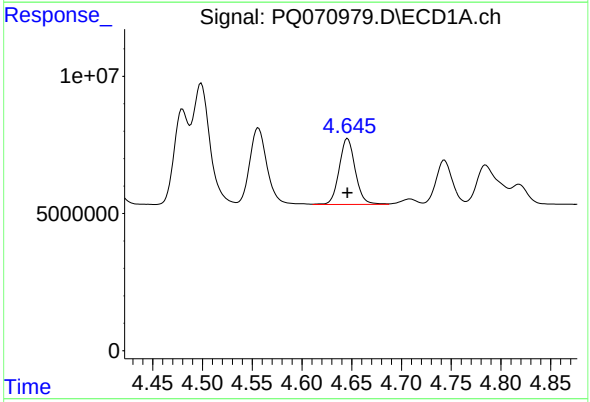
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 53549480
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



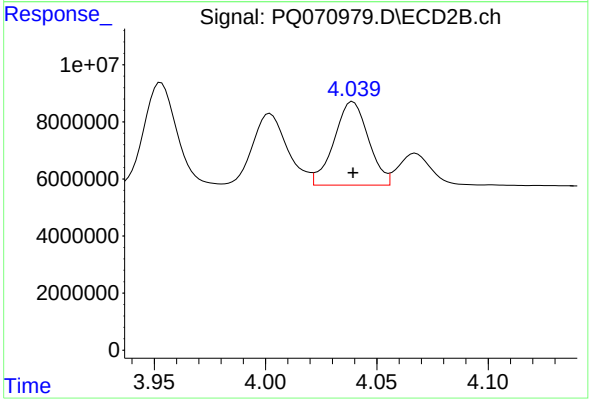
#13 AR-1232-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 36725094
Conc: 500.00 ng/ml



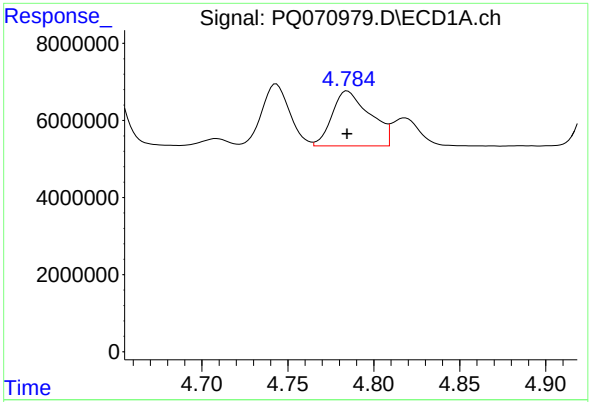
#14 AR-1232-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 27007118
Conc: 500.00 ng/ml



#14 AR-1232-4

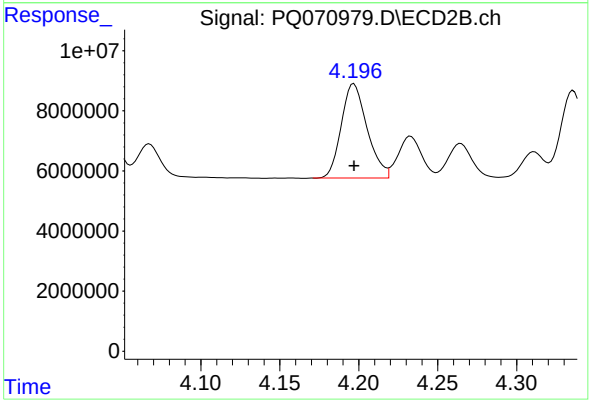
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 31517168
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 21856633
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 35803624
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:38
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:08:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 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...	3.400	2.778	444.2E6	551.1E6	98.001	98.092
2)	SA Decachlor...	8.495	7.534	308.3E6	519.5E6	95.801	96.097
	Target Compounds						
16)	L4 AR-1242-1	4.480	3.778	117.9E6	149.1E6	983.375	964.120
17)	L4 AR-1242-2	4.499	3.793	179.2E6	228.4E6	959.238	966.879
18)	L4 AR-1242-3	4.556	3.953	111.3E6	123.3E6	959.357	965.452
19)	L4 AR-1242-4	4.646	4.039	91702396	107.9E6	962.012	943.887
20)	L4 AR-1242-5	5.349	4.534	63322787	175.3E6	867.188	999.788

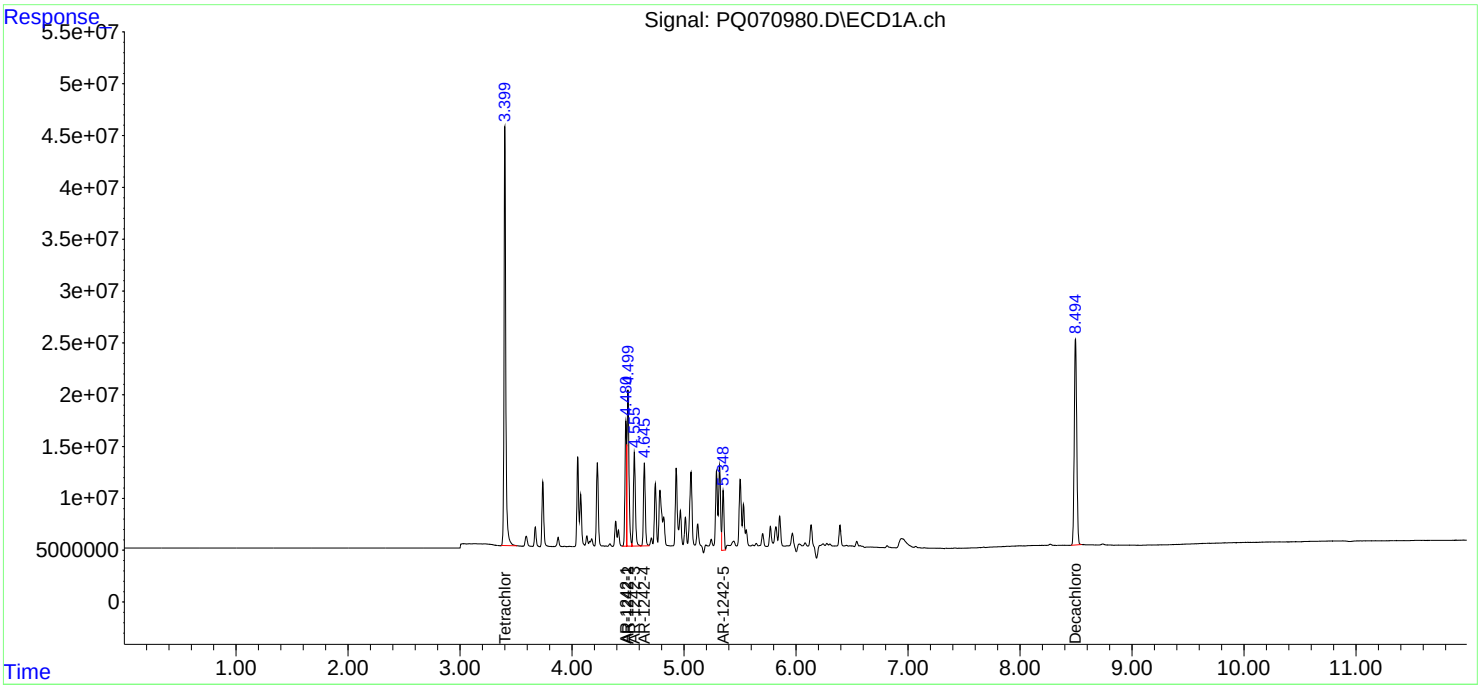
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

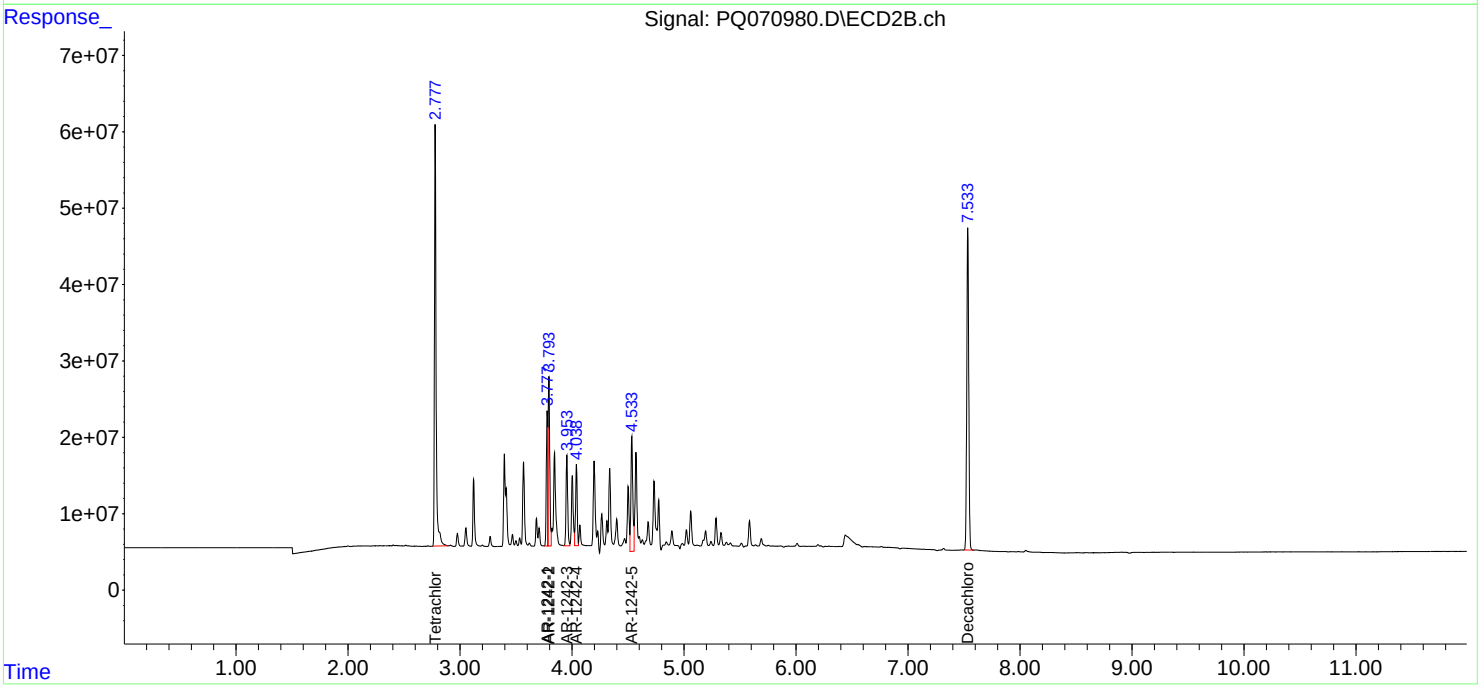
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:38
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

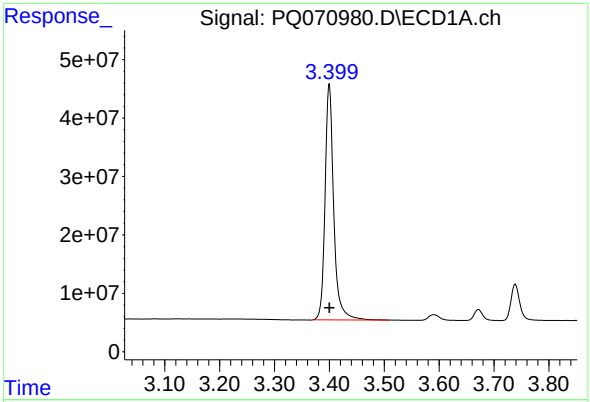
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:08:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 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



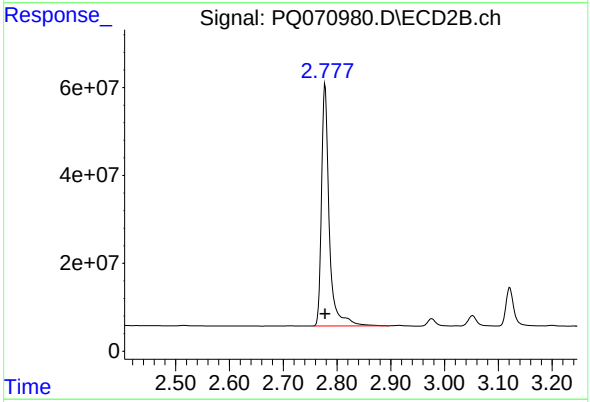




#1 Tetrachloro-m-xylene

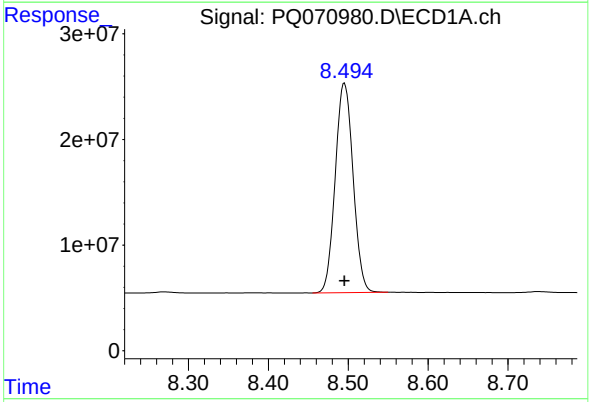
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 444189301
Conc: 98.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



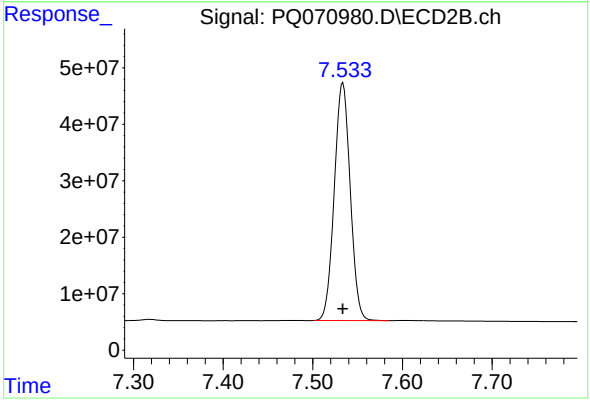
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 551110354
Conc: 98.09 ng/ml



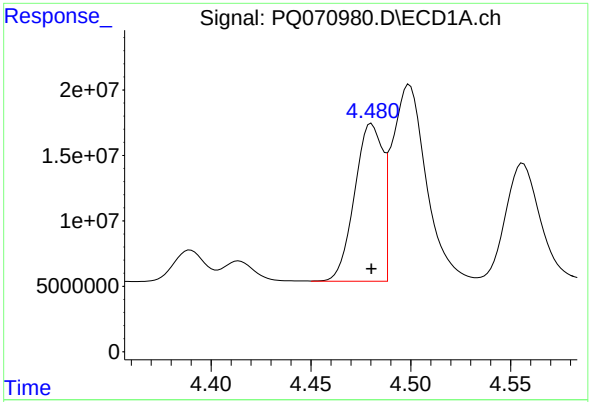
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 308256864
Conc: 95.80 ng/ml



#2 Decachlorobiphenyl

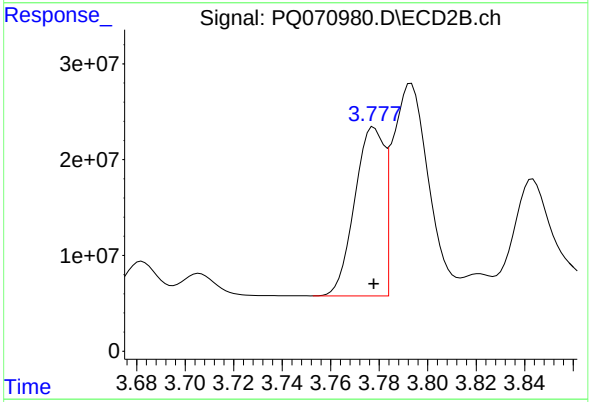
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 519455740
Conc: 96.10 ng/ml



#16 AR-1242-1

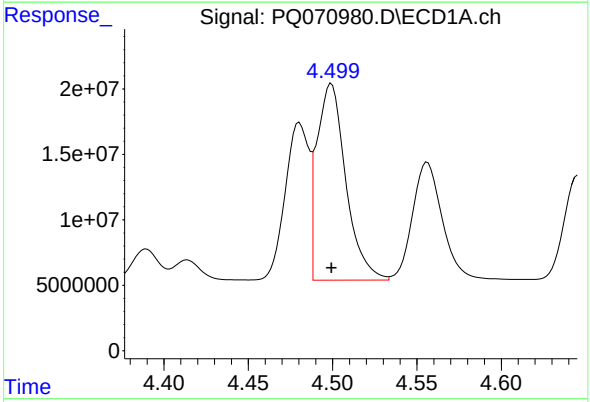
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 117929900
Conc: 983.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



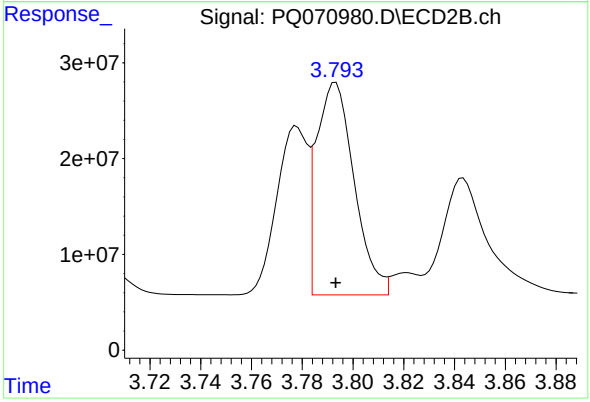
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 149120136
Conc: 964.12 ng/ml



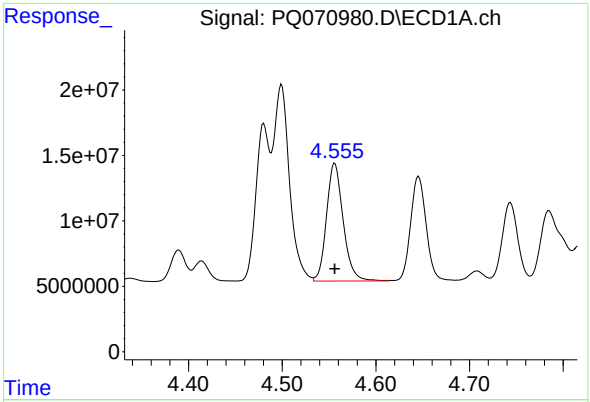
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 179238730
Conc: 959.24 ng/ml



#17 AR-1242-2

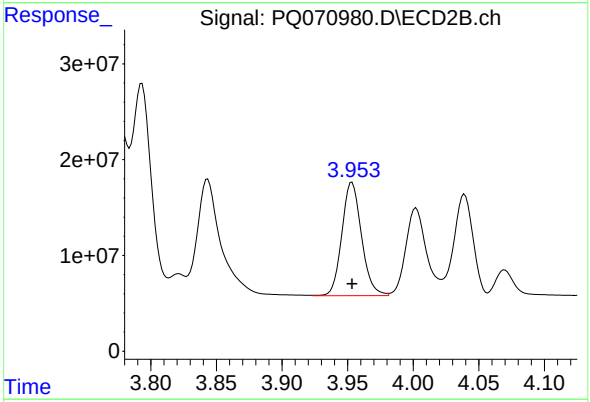
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 228406508
Conc: 966.88 ng/ml



#18 AR-1242-3

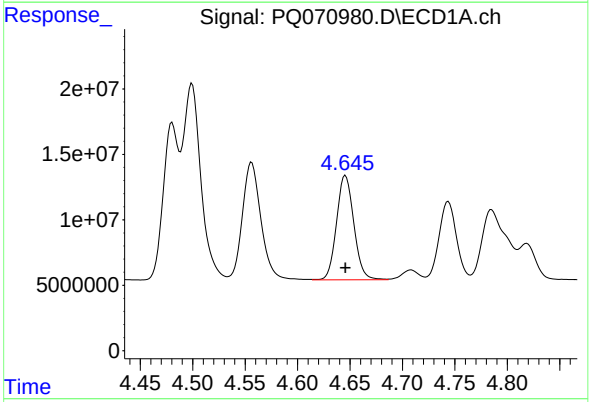
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 111298009
Conc: 959.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



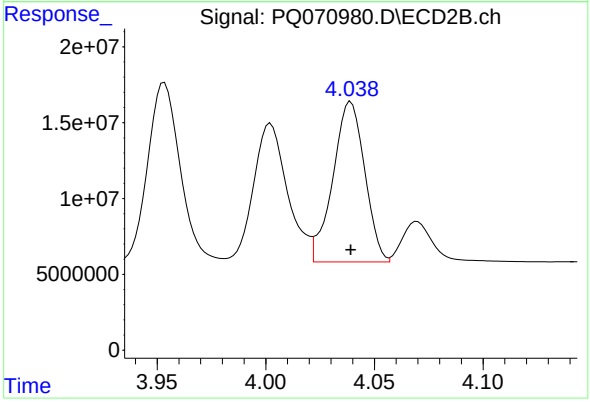
#18 AR-1242-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 123267302
Conc: 965.45 ng/ml



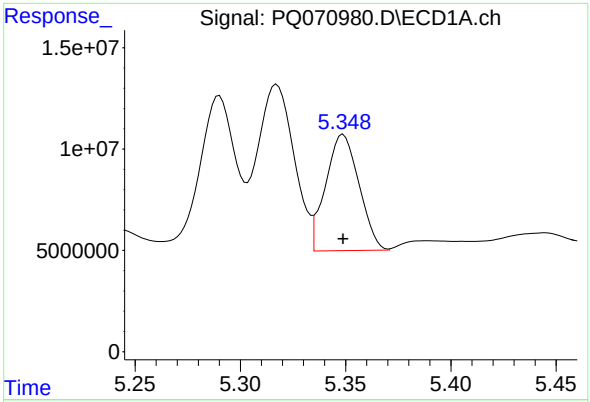
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 91702396
Conc: 962.01 ng/ml



#19 AR-1242-4

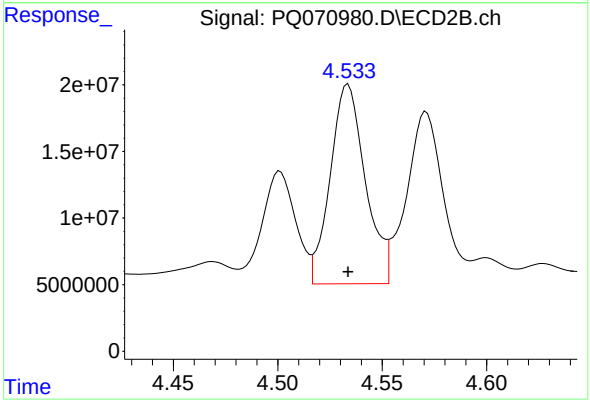
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 107929318
Conc: 943.89 ng/ml



#20 AR-1242-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 63322787
Conc: 867.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 175313049
Conc: 999.79 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:53
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:12:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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...	3.400	2.778	343.3E6	428.5E6	75.493	75.838
2)	SA Decachlor...	8.496	7.534	243.3E6	411.2E6	75.399	75.716
	Target Compounds						
16)	L4 AR-1242-1	4.480	3.778	90376185	120.3E6	752.406	768.194
17)	L4 AR-1242-2	4.498	3.794	141.6E6	178.3E6	755.086	753.183
18)	L4 AR-1242-3	4.556	3.954	87949114	98835228	755.378	765.893
19)	L4 AR-1242-4	4.646	4.039	73032215	85057385	760.690	745.897
20)	L4 AR-1242-5	5.348	4.534	50322958	147.0E6	708.312	806.708

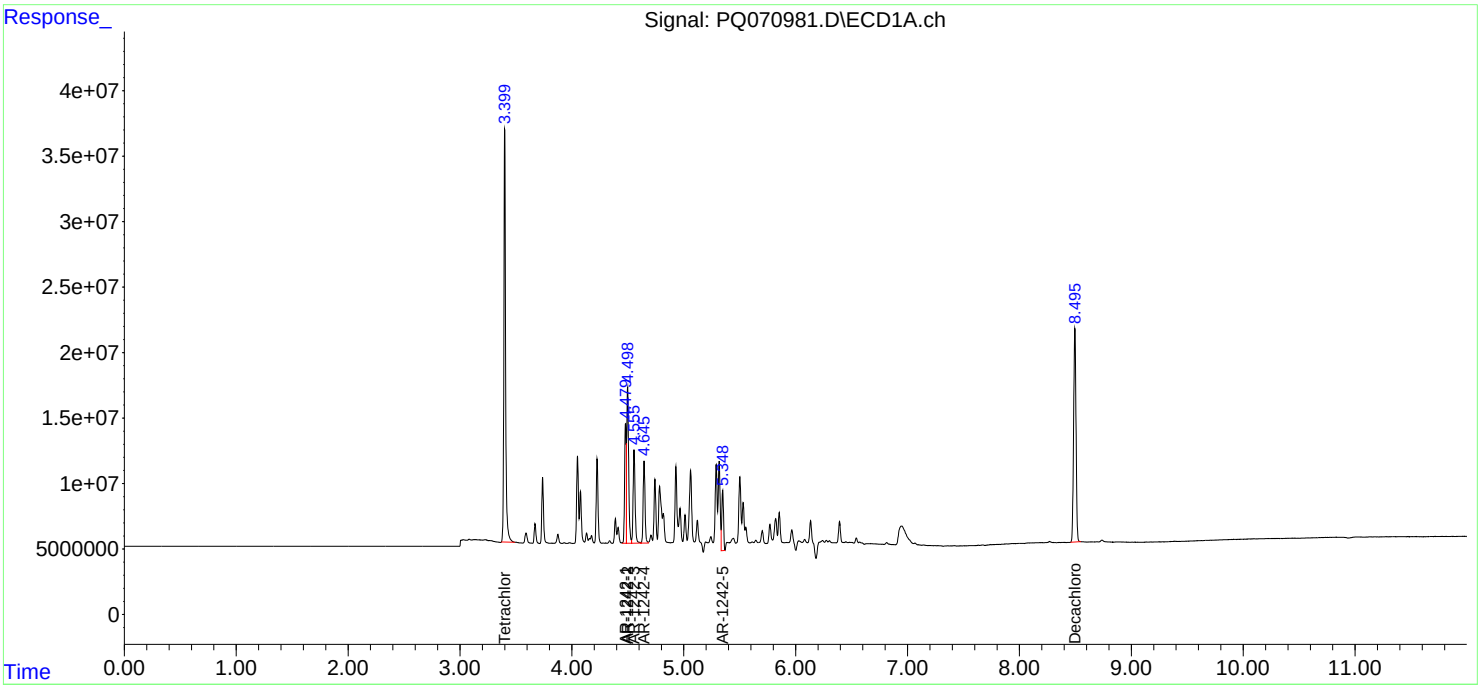
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

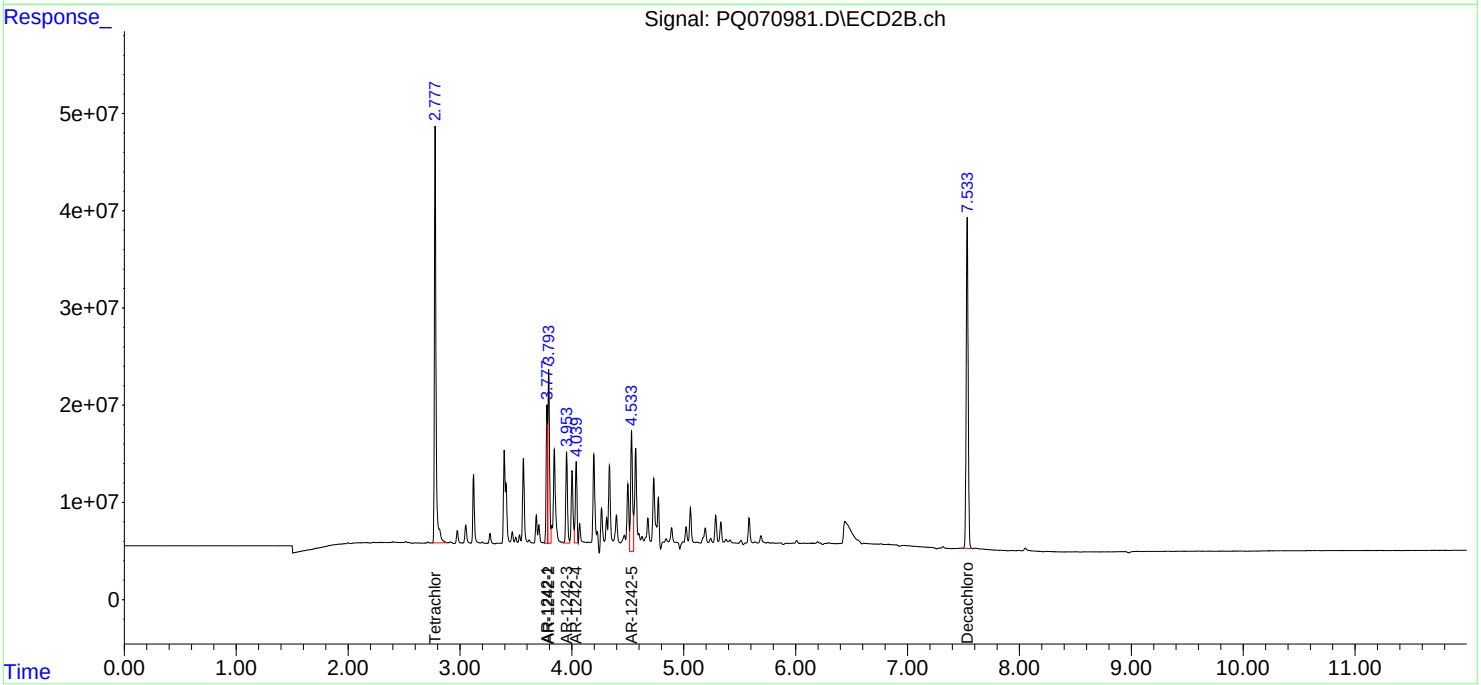
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:53
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

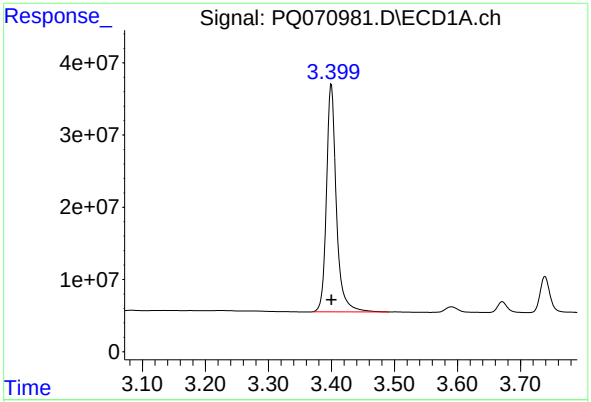
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:12:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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



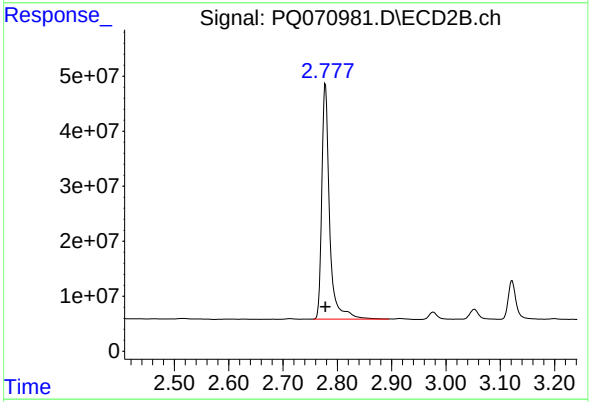




#1 Tetrachloro-m-xylene

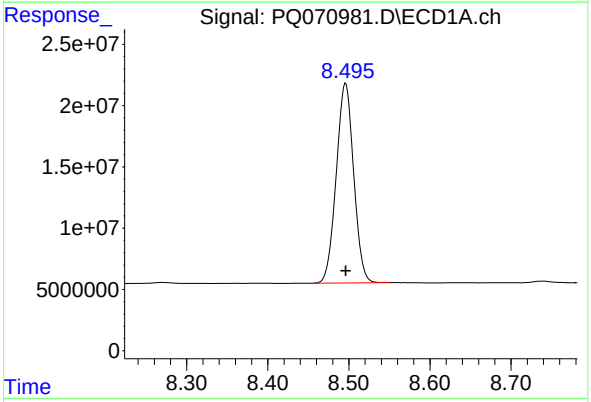
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 343296796
Conc: 75.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



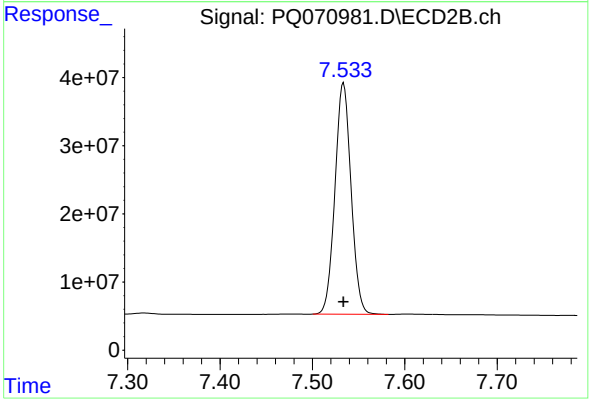
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 428474190
Conc: 75.84 ng/ml



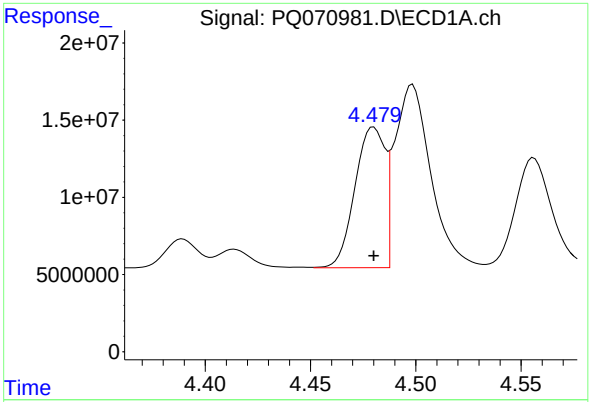
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 243255520
Conc: 75.40 ng/ml



#2 Decachlorobiphenyl

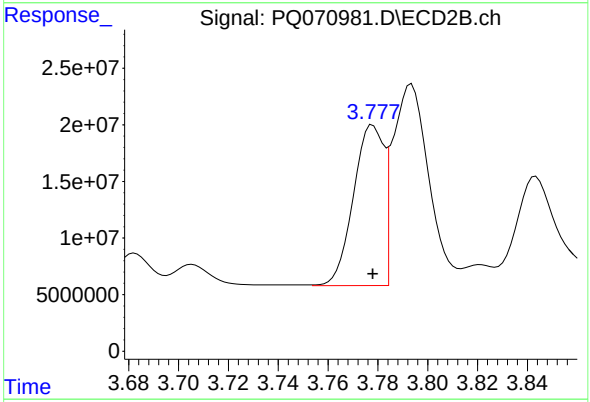
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 411249267
Conc: 75.72 ng/ml



#16 AR-1242-1

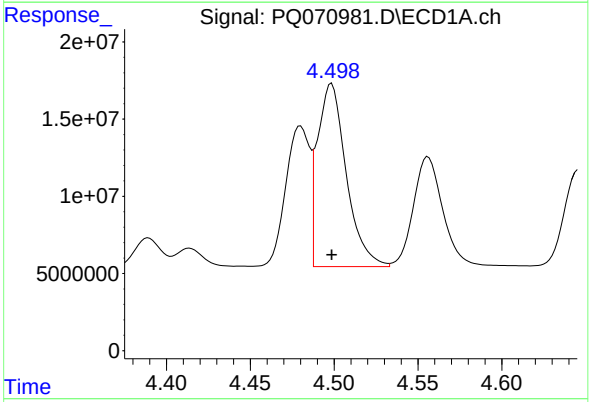
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 90376185
Conc: 752.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



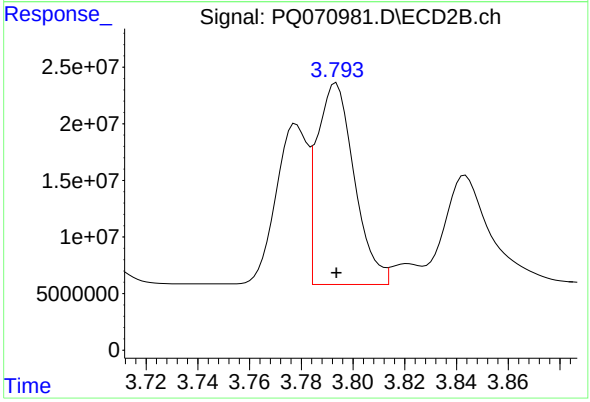
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 120275140
Conc: 768.19 ng/ml



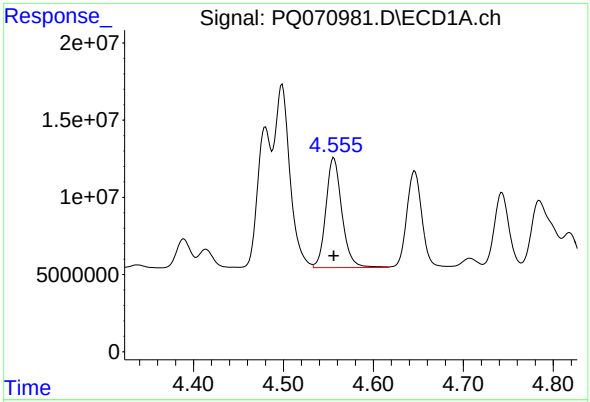
#17 AR-1242-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 141571716
Conc: 755.09 ng/ml



#17 AR-1242-2

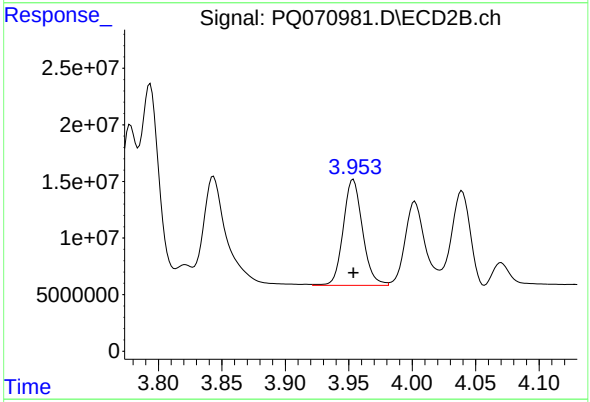
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 178303451
Conc: 753.18 ng/ml



#18 AR-1242-3

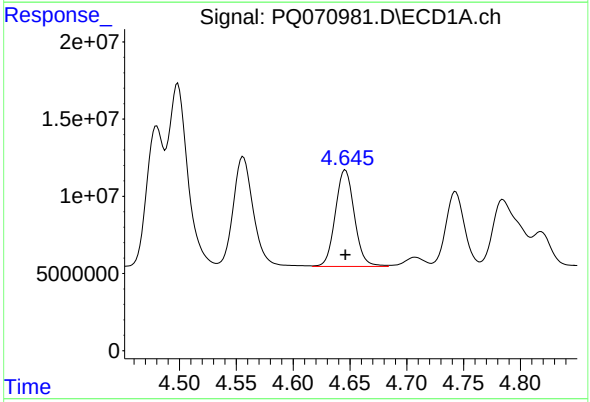
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 87949114
Conc: 755.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



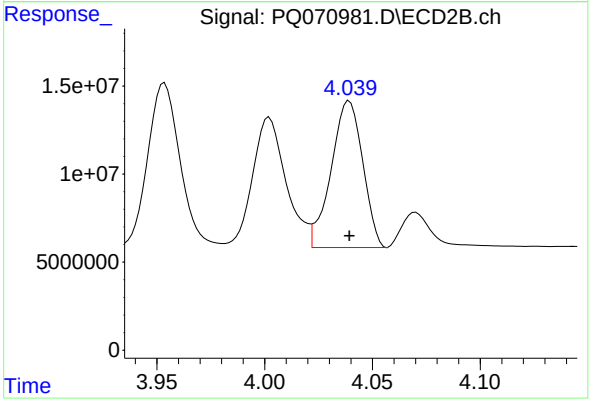
#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 98835228
Conc: 765.89 ng/ml



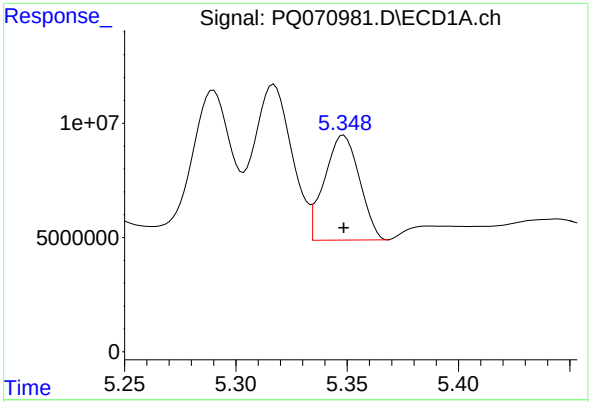
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 73032215
Conc: 760.69 ng/ml



#19 AR-1242-4

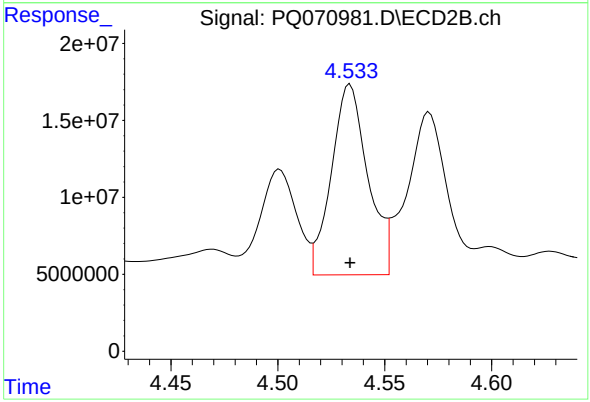
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 85057385
Conc: 745.90 ng/ml



#20 AR-1242-5

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 50322958
Conc: 708.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 147014260
Conc: 806.71 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:08
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:05:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 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...	3.400	2.778	231.2E6	286.3E6	50.000	50.000
2)	SA Decachlor...	8.496	7.533	167.6E6	280.8E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.480	3.778	60958684	80109600	500.000	500.000
17)	L4 AR-1242-2	4.499	3.793	97235865	122.0E6	500.000	500.000
18)	L4 AR-1242-3	4.556	3.954	60364163	66044686	500.000	500.000
19)	L4 AR-1242-4	4.646	4.040	49472392	60380961	500.000	500.000
20)	L4 AR-1242-5	5.351	4.534	41359410	87693684	500.000	500.000

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

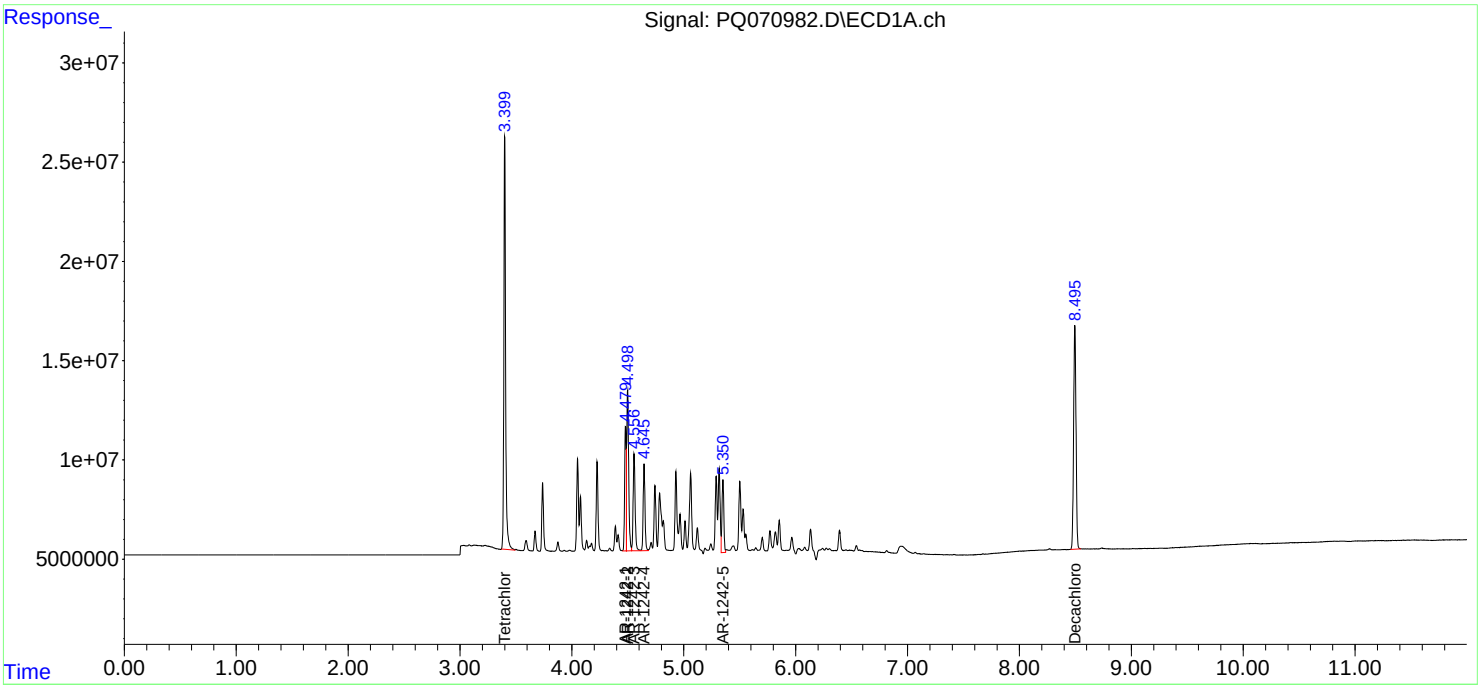
ICAL Form

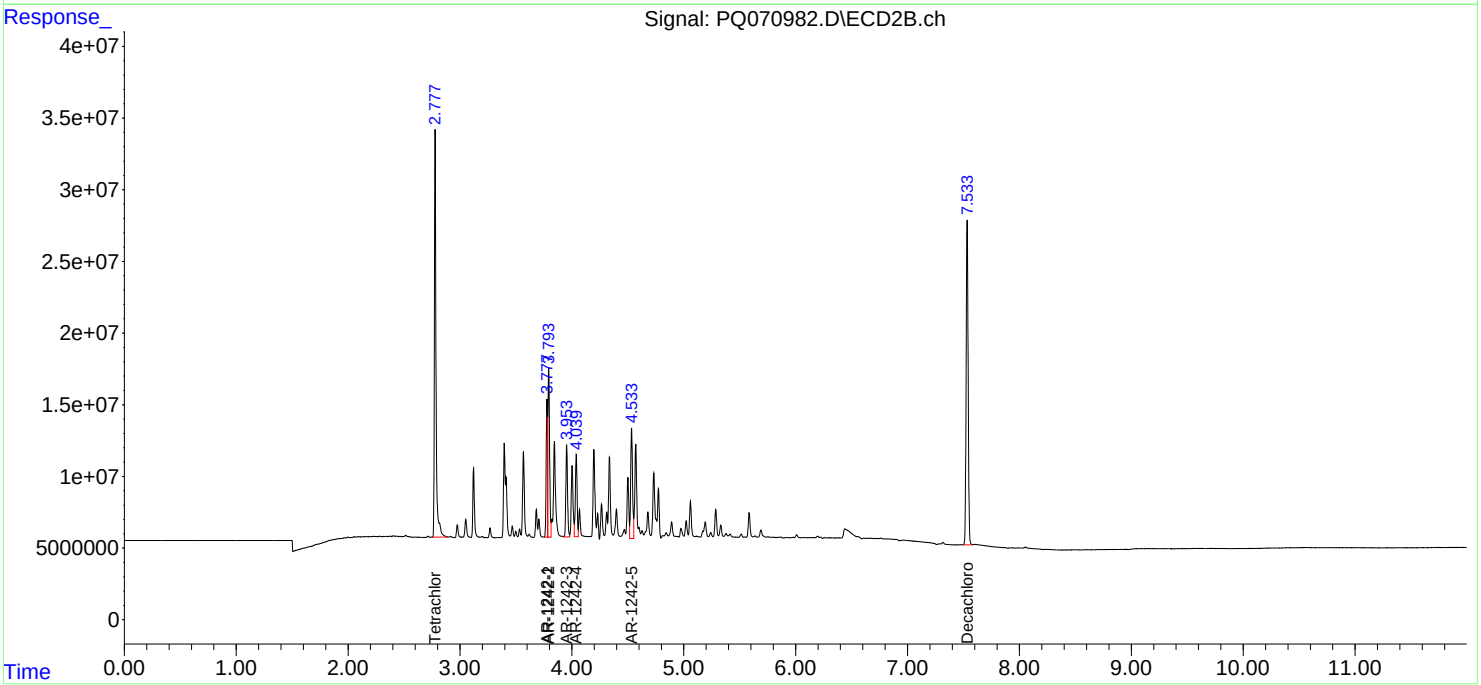
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:08
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

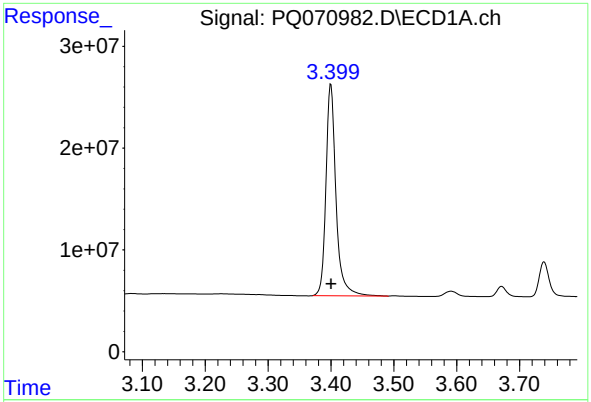
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:05:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 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



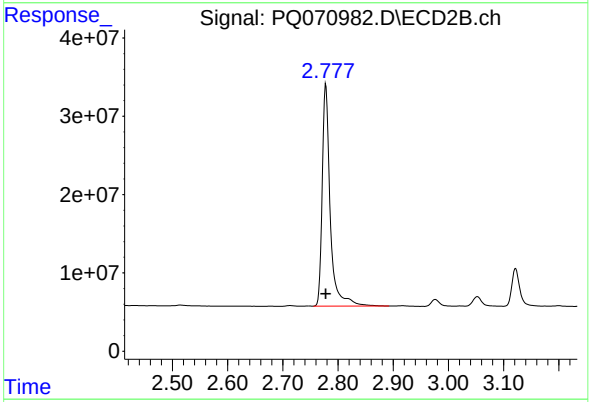




#1 Tetrachloro-m-xylene

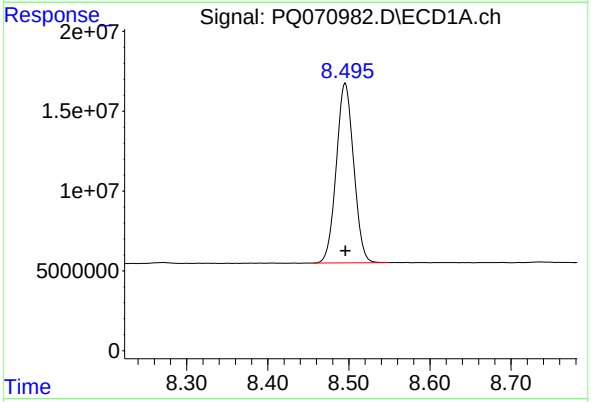
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 231153264
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



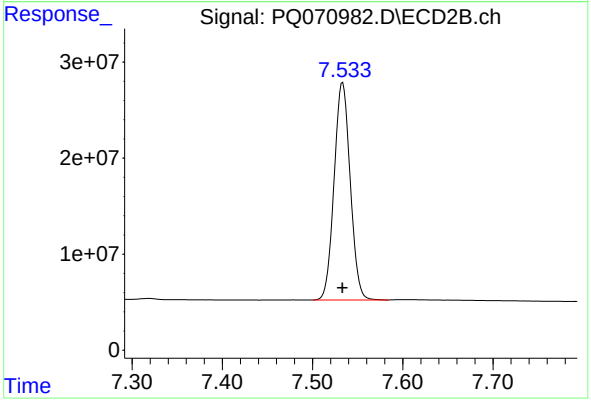
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286277162
Conc: 50.00 ng/ml



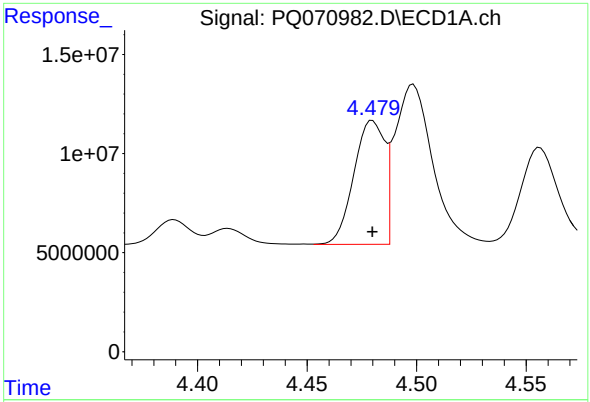
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 167640288
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

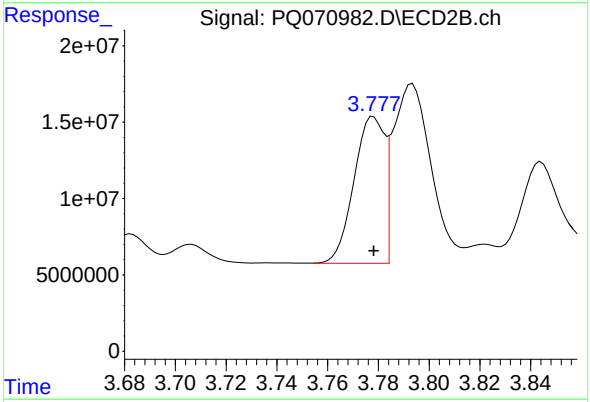
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 280823944
Conc: 50.00 ng/ml



#16 AR-1242-1

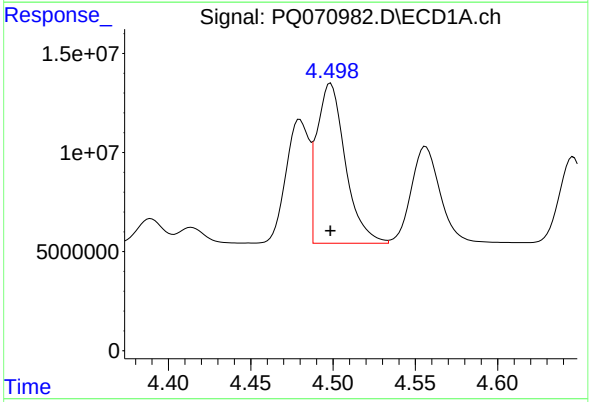
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 60958684
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



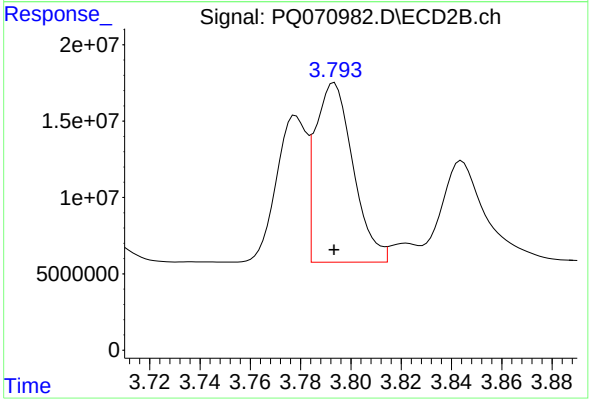
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 80109600
Conc: 500.00 ng/ml



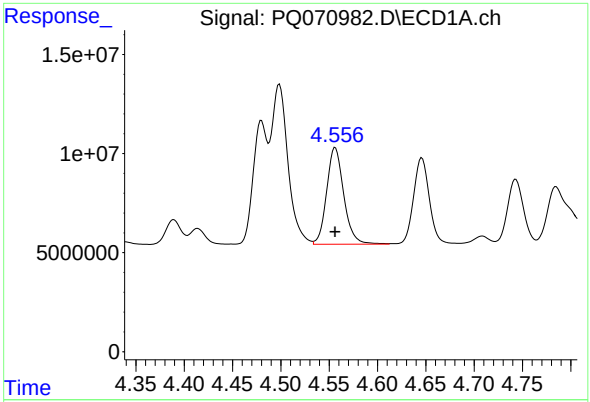
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 97235865
Conc: 500.00 ng/ml



#17 AR-1242-2

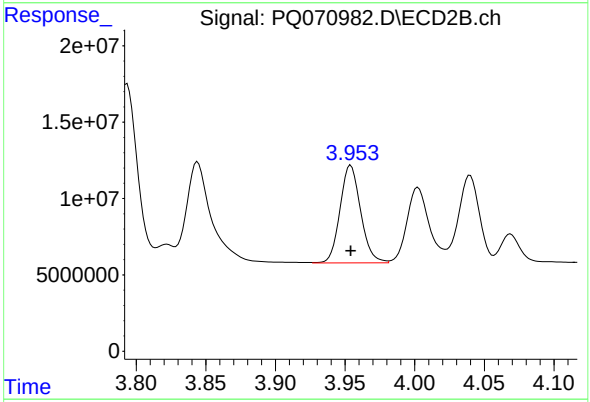
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 122027510
Conc: 500.00 ng/ml



#18 AR-1242-3

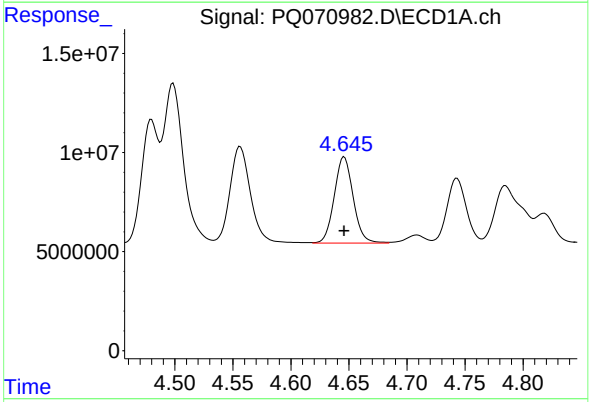
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 60364163
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



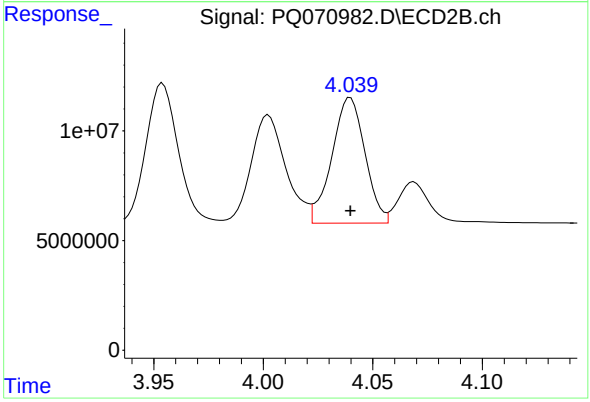
#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 66044686
Conc: 500.00 ng/ml



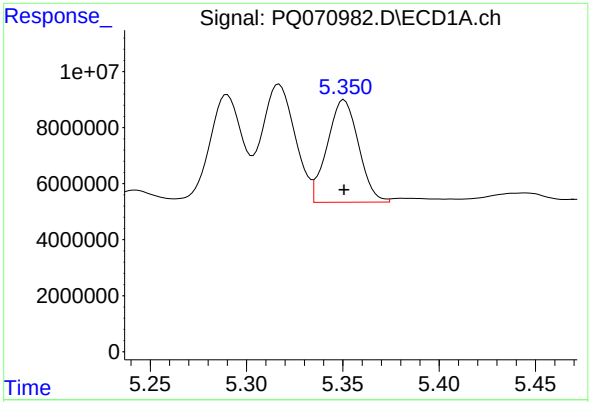
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 49472392
Conc: 500.00 ng/ml



#19 AR-1242-4

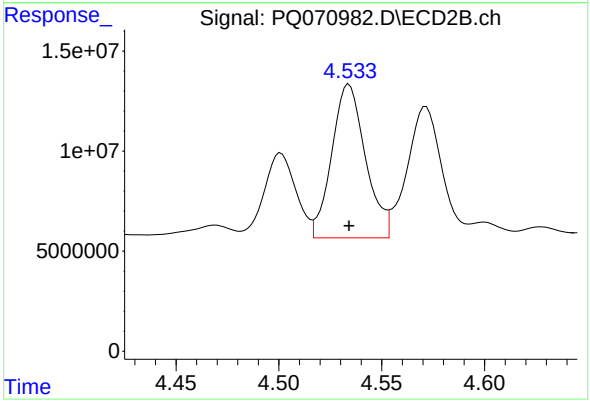
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 60380961
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 41359410
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 87693684
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:22
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:15:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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...	3.401	2.778	115.1E6	136.2E6	25.240	24.319
2)	SA Decachlor...	8.497	7.534	83994234	142.5E6	25.768	25.912
	Target Compounds						
16)	L4 AR-1242-1	4.481	3.778	31044472	41346745	256.287	260.414
17)	L4 AR-1242-2	4.499	3.794	49429930	62193156	260.092	259.416
18)	L4 AR-1242-3	4.557	3.954	30938677	33857327	261.612	259.162
19)	L4 AR-1242-4	4.647	4.040	25299238	32086157	259.999	272.815
20)	L4 AR-1242-5	5.352	4.534	25666453	41818817	325.093	234.281 #

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

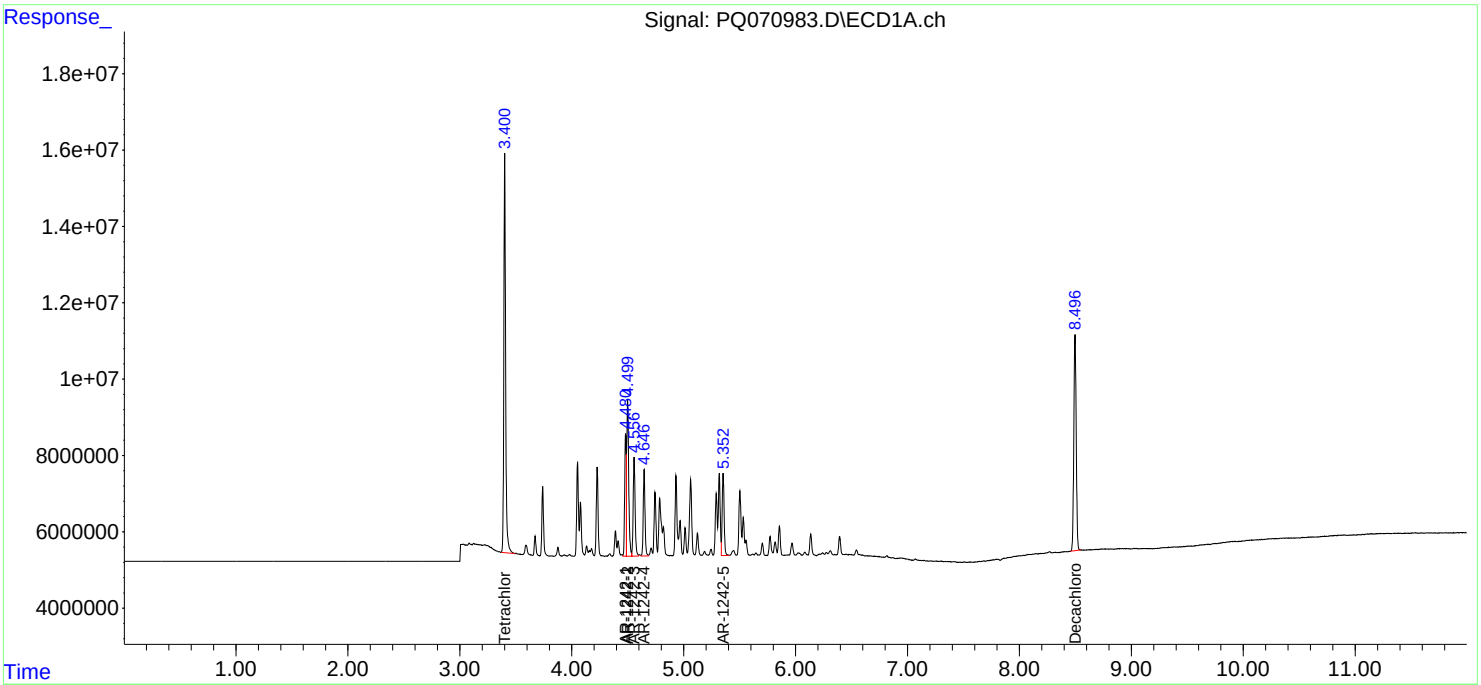
ICAL Form

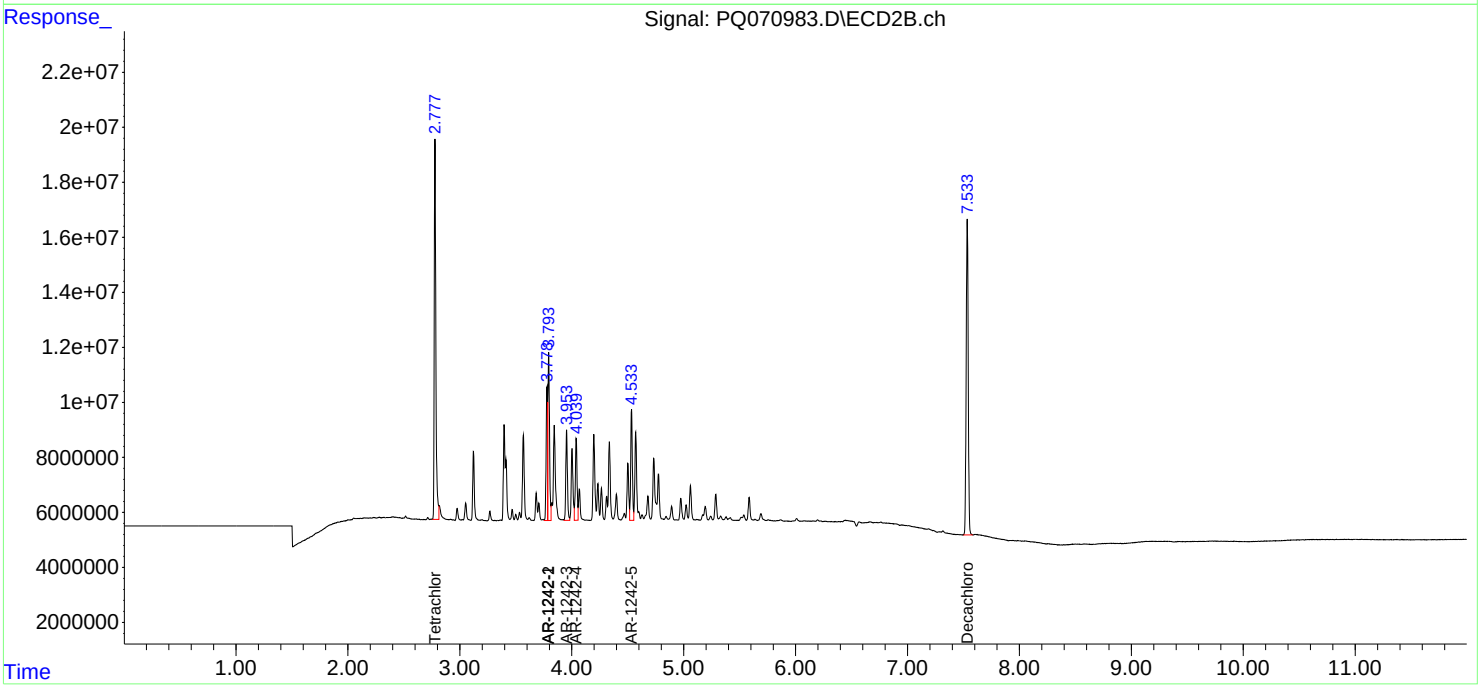
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:22
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

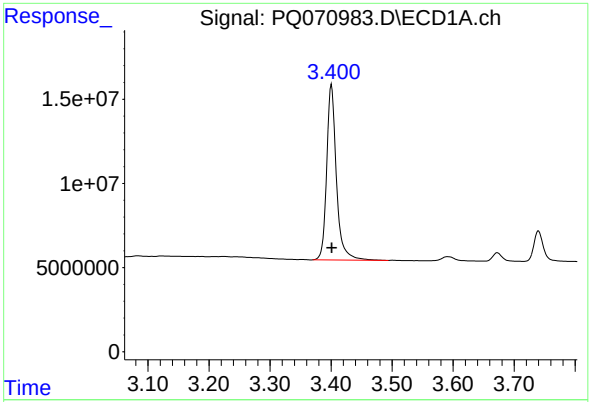
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:15:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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



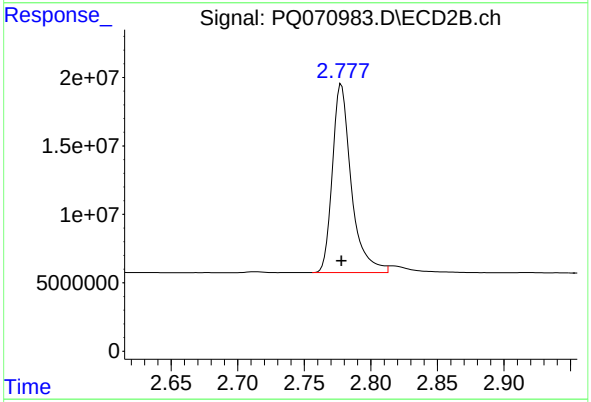




#1 Tetrachloro-m-xylene

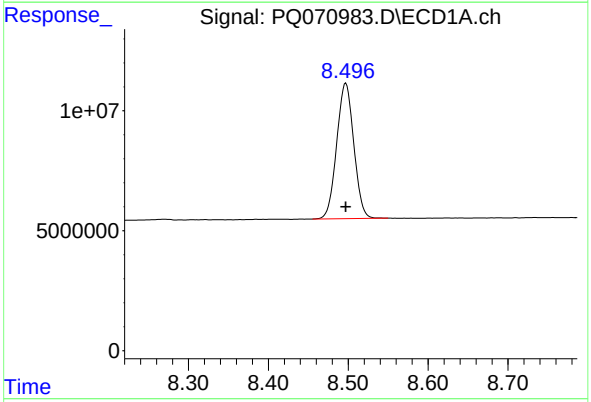
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 115146396
Conc: 25.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



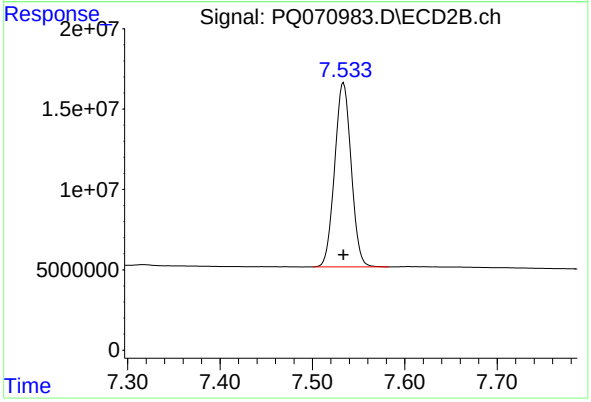
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 136161324
Conc: 24.32 ng/ml



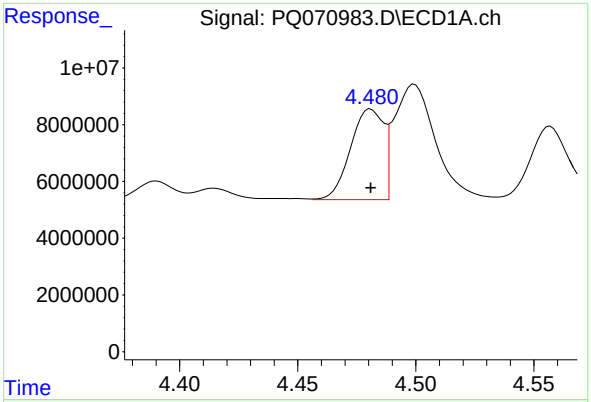
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 83994234
Conc: 25.77 ng/ml



#2 Decachlorobiphenyl

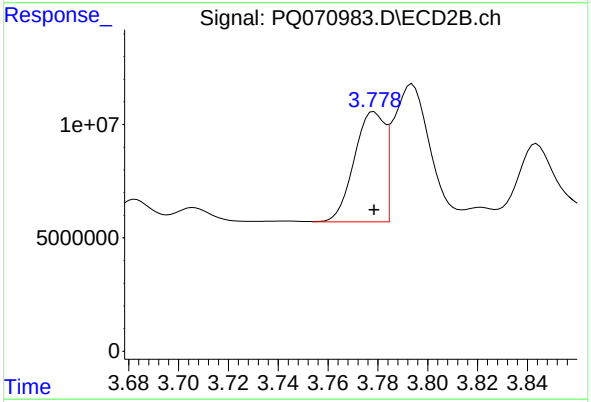
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 142468913
Conc: 25.91 ng/ml



#16 AR-1242-1

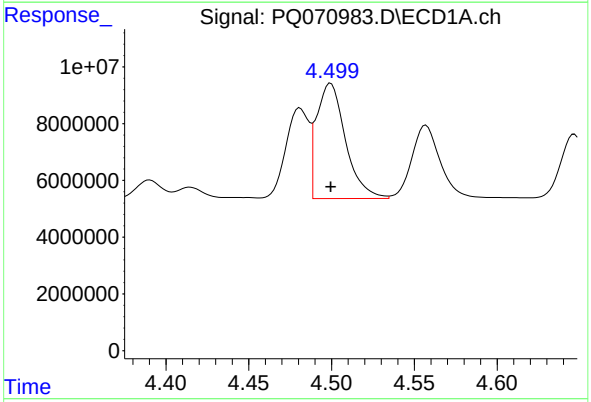
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 31044472
Conc: 256.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



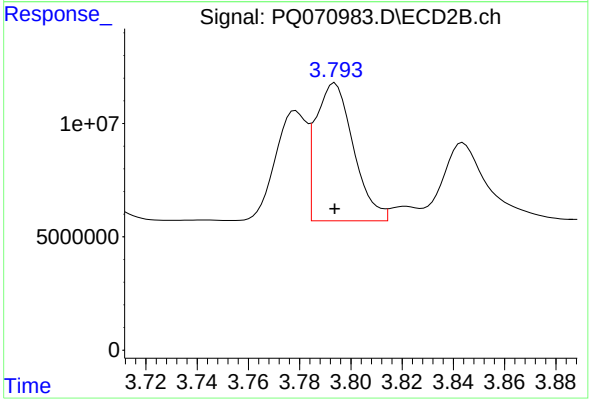
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 41346745
Conc: 260.41 ng/ml



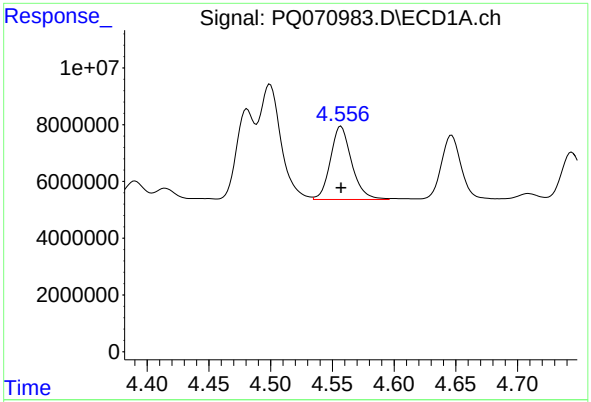
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 49429930
Conc: 260.09 ng/ml



#17 AR-1242-2

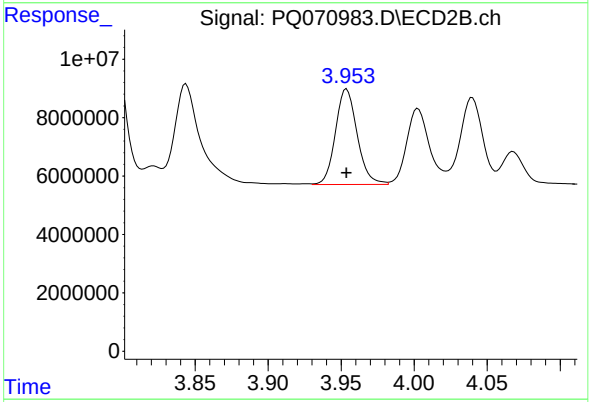
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 62193156
Conc: 259.42 ng/ml



#18 AR-1242-3

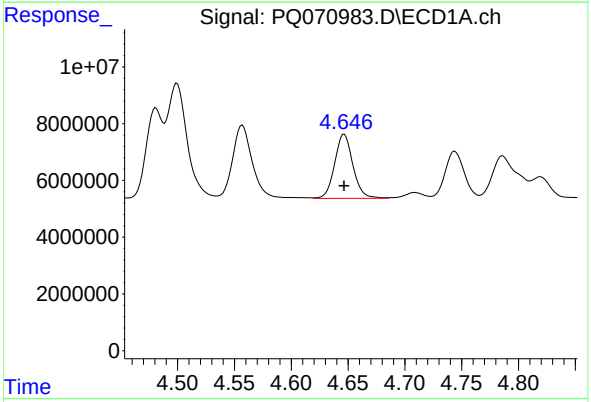
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 30938677
Conc: 261.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



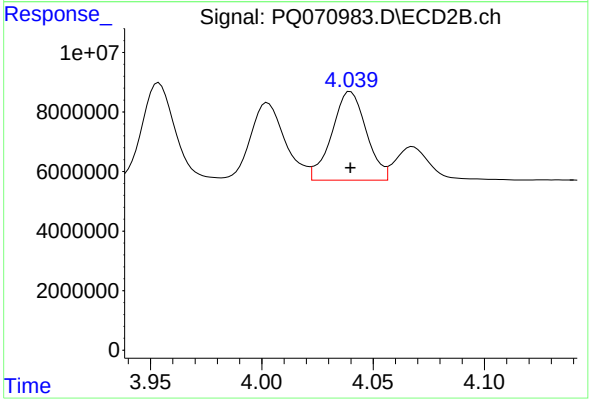
#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 33857327
Conc: 259.16 ng/ml



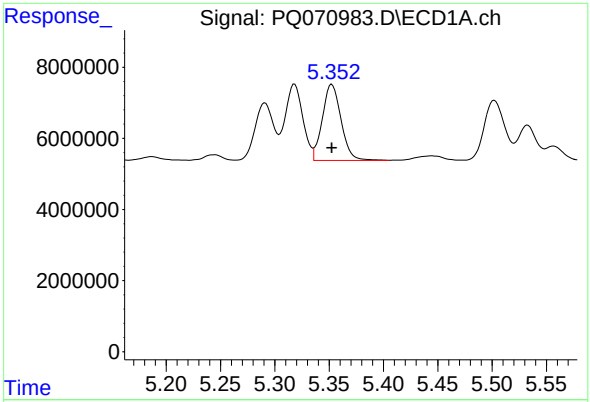
#19 AR-1242-4

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 25299238
Conc: 260.00 ng/ml



#19 AR-1242-4

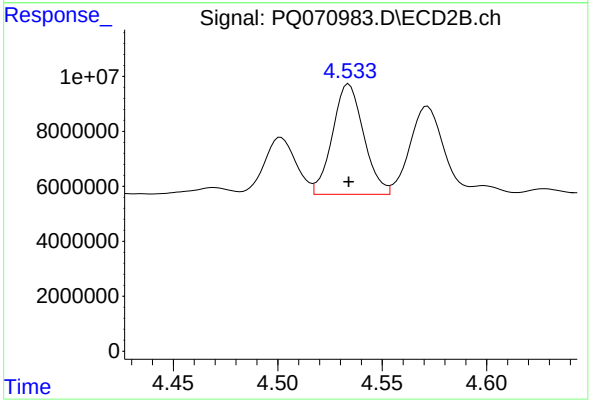
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 32086157
Conc: 272.81 ng/ml



#20 AR-1242-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 25666453
Conc: 325.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 41818817
Conc: 234.28 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:37
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:20:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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...	3.400	2.778	23512581	27180813	5.122	4.883
2)	SA Decachlor...	8.496	7.534	16433954	30524389	5.033	5.432
	Target Compounds						
16)	L4 AR-1242-1	4.481	3.777	5511662	8960987	46.335	57.042m
17)	L4 AR-1242-2	4.499	3.793	9668594	12395166	50.697	51.291m
18)	L4 AR-1242-3	4.556	3.953	6071735	6826795	51.068	51.803m
19)	L4 AR-1242-4	4.646	4.039	5427928	5120094	54.521	44.579m
20)	L4 AR-1242-5	5.317	4.534	3890240	7835249	49.488m	45.137m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:37
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

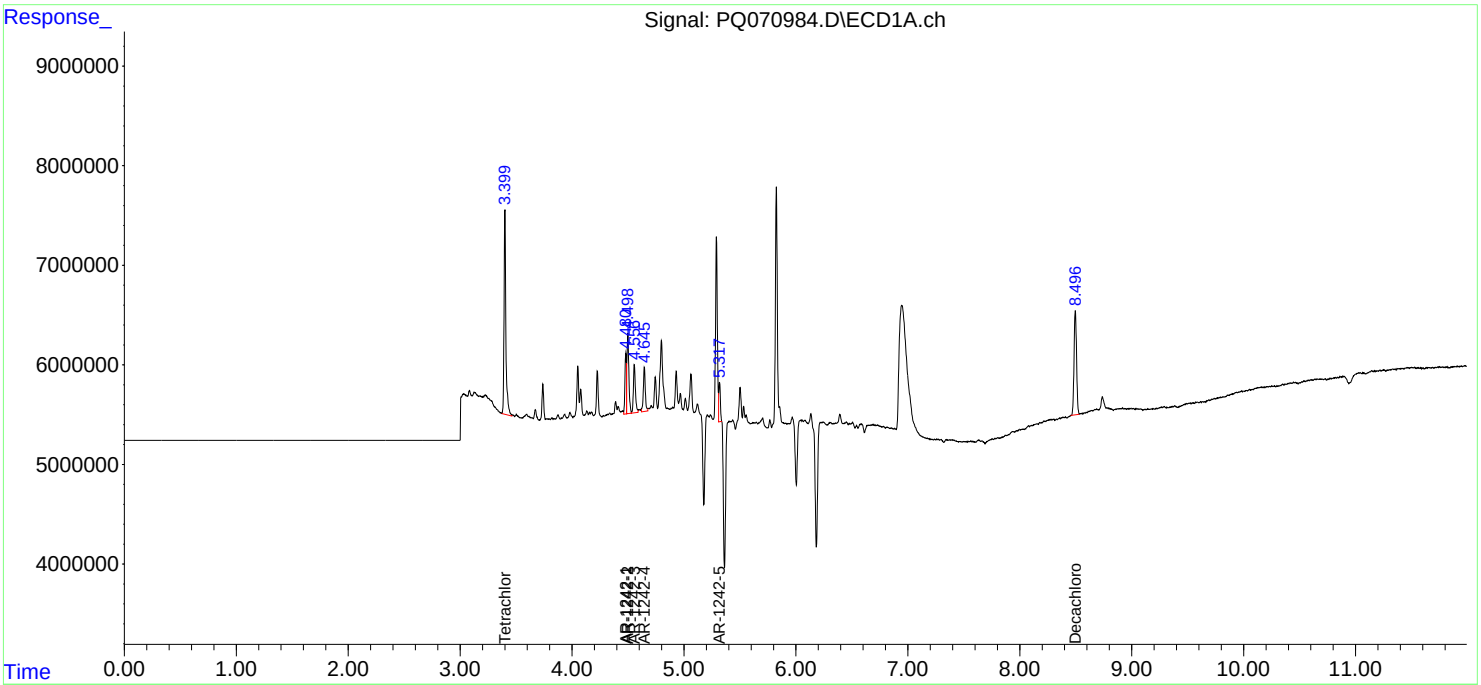
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

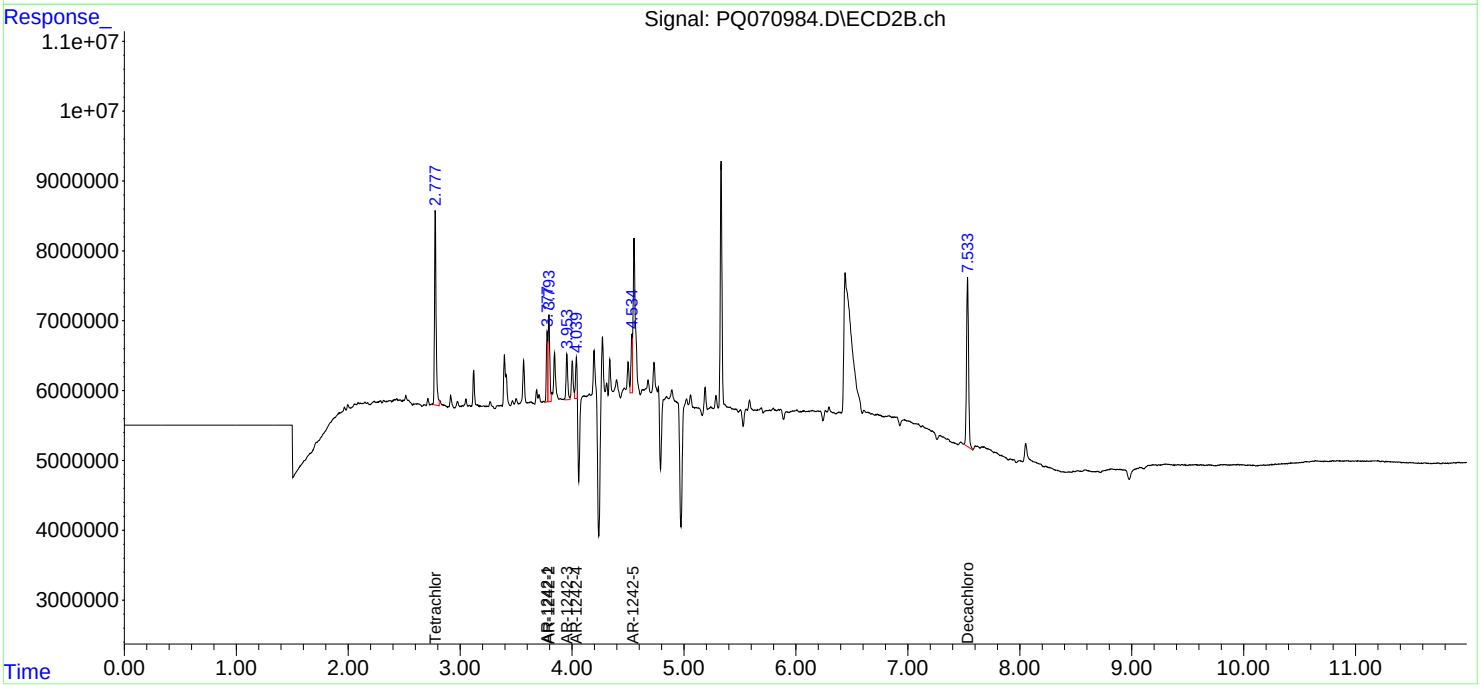
Manual Integrations APPROVED

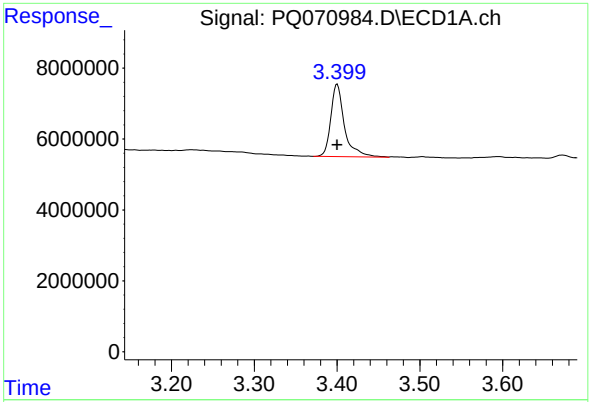
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:20:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 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







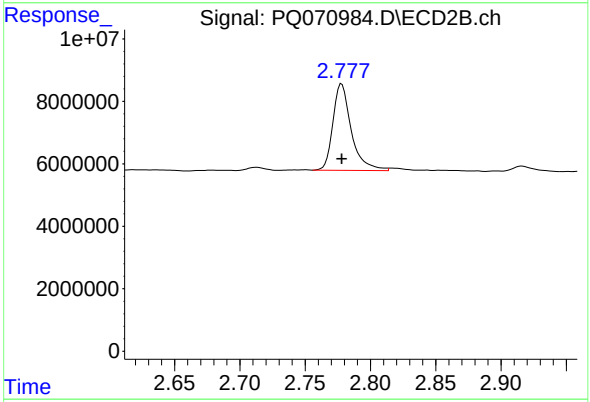
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 23512581
Conc: 5.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

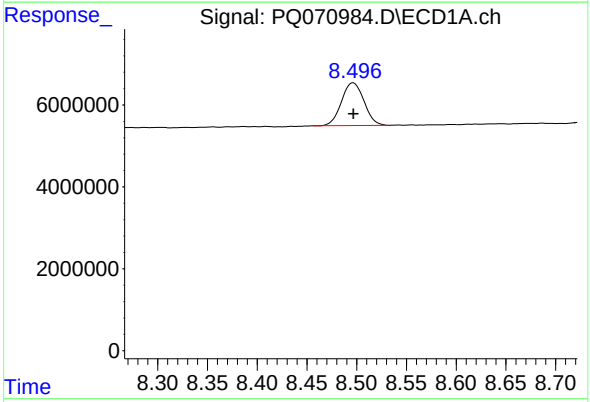
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



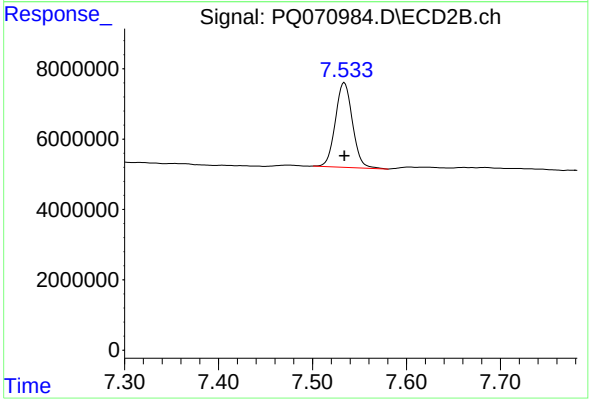
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 27180813
Conc: 4.88 ng/ml



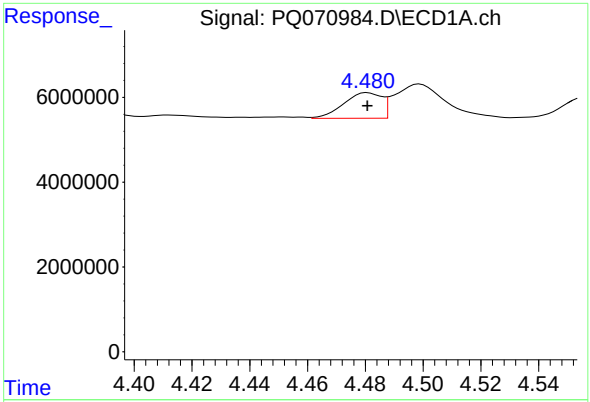
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 16433954
Conc: 5.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 30524389
Conc: 5.43 ng/ml



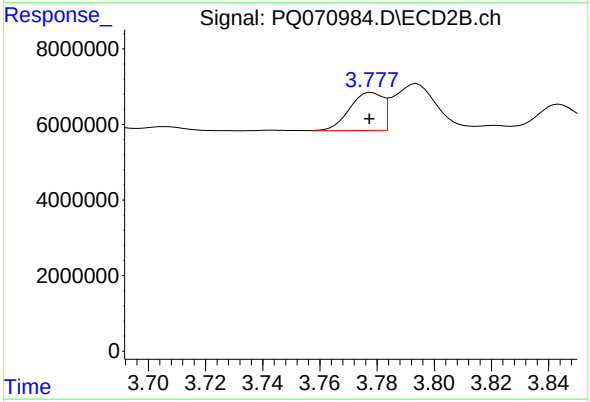
#16 AR-1242-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 5511662
Conc: 46.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

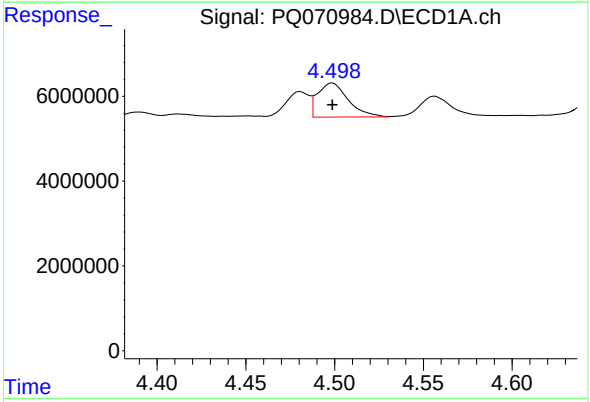
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



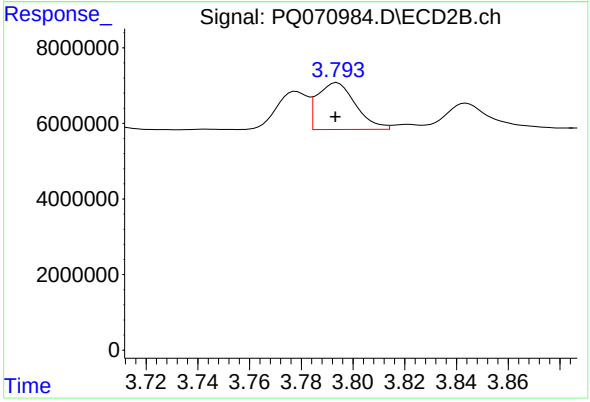
#16 AR-1242-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 8960987
Conc: 57.04 ng/ml m



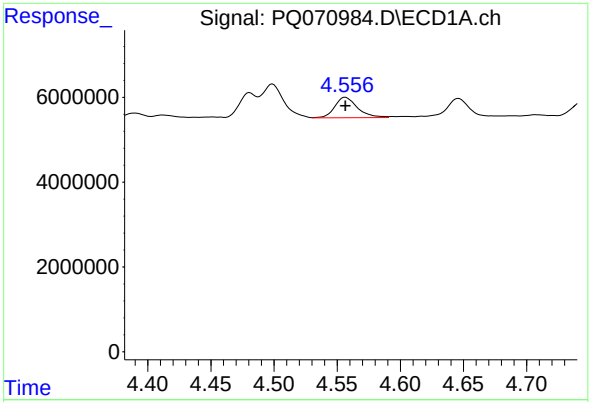
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 9668594
Conc: 50.70 ng/ml



#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 12395166
Conc: 51.29 ng/ml m



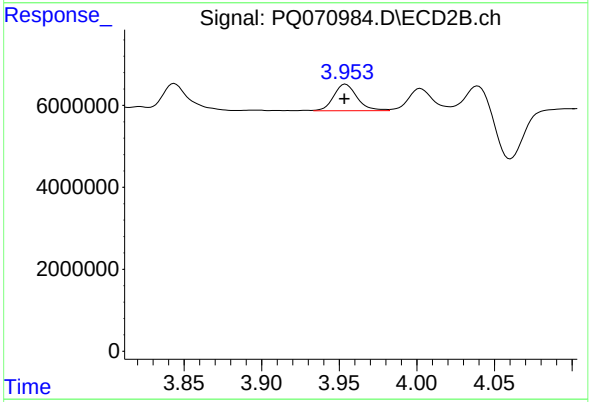
#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 6071735
Conc: 51.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

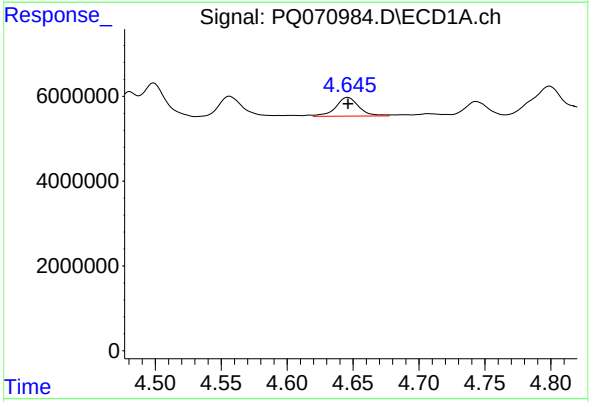
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



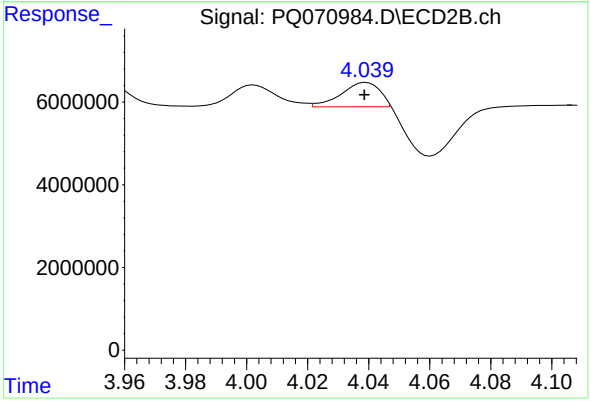
#18 AR-1242-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 6826795
Conc: 51.80 ng/ml m



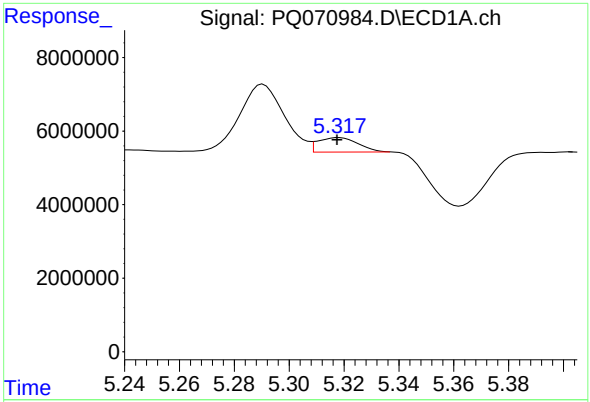
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 5427928
Conc: 54.52 ng/ml



#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 5120094
Conc: 44.58 ng/ml m



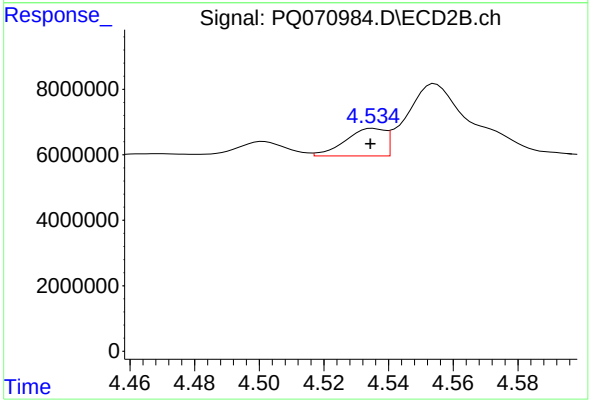
#20 AR-1242-5

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 3890240
Conc: 49.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 7835249
Conc: 45.14 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:51
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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...	3.400	2.778	454.7E6	549.9E6	97.923	98.007
2)	SA Decachlor...	8.496	7.534	317.7E6	535.7E6	96.574	96.631
	Target Compounds						
21)	L5 AR-1248-1	4.480	3.778	89951061	118.1E6	950.710	962.148
22)	L5 AR-1248-2	4.743	4.002	126.8E6	173.0E6	954.654	954.823
23)	L5 AR-1248-3	4.930	4.039	153.0E6	167.6E6	958.744	969.281
24)	L5 AR-1248-4	5.318	4.197	167.1E6	207.4E6	954.987	947.004
25)	L5 AR-1248-5	5.353	4.572	163.7E6	211.1E6	1106.316	928.819

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

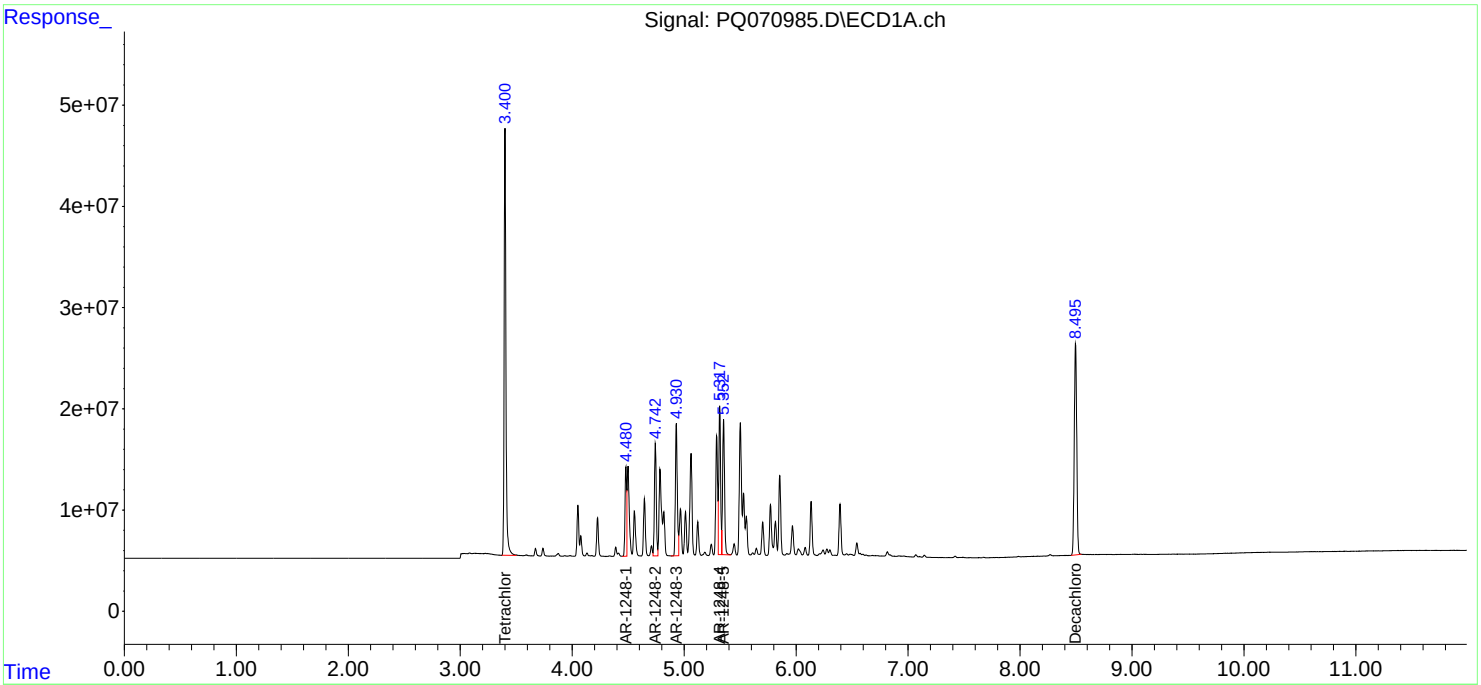
ICAL Form

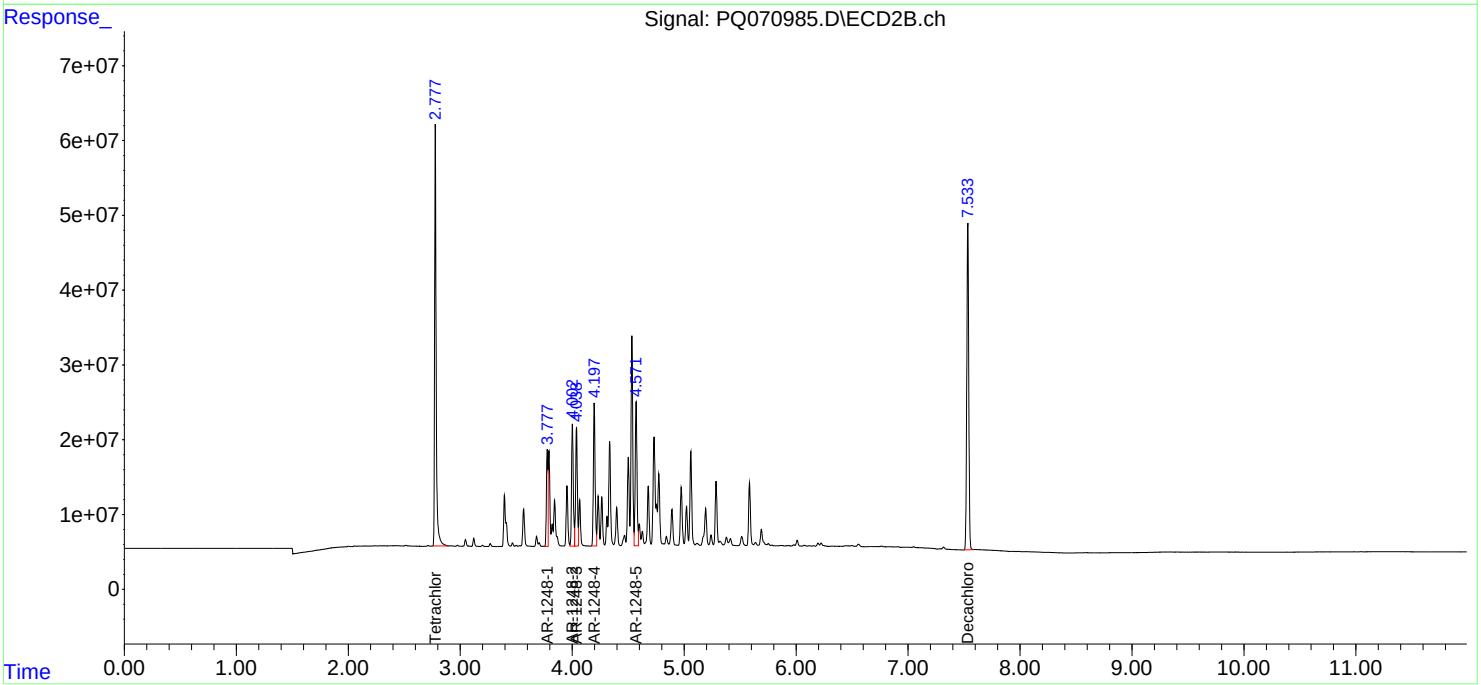
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:51
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

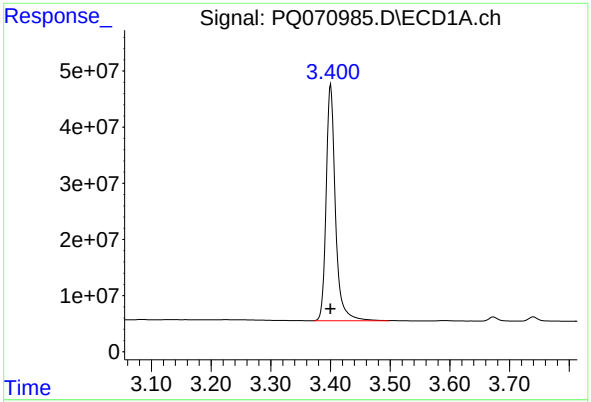
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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



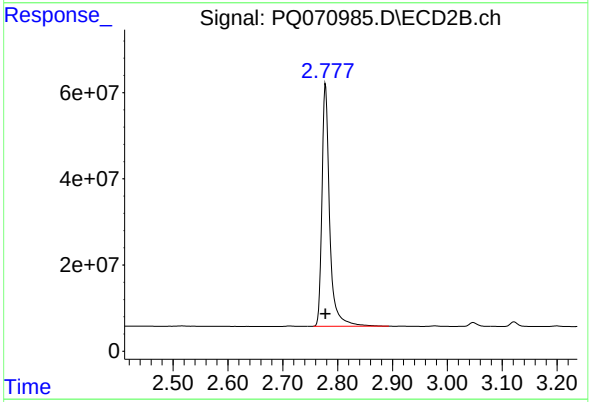




#1 Tetrachloro-m-xylene

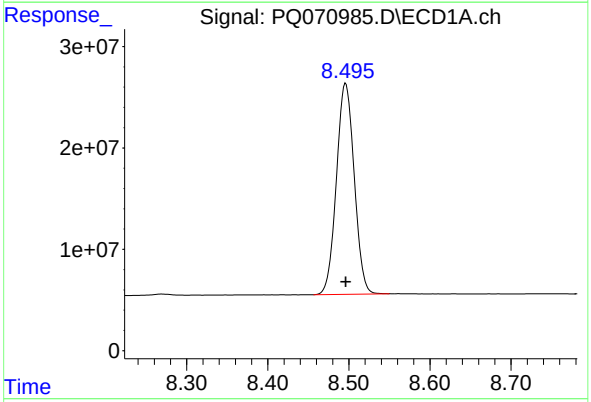
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 454650898
Conc: 97.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



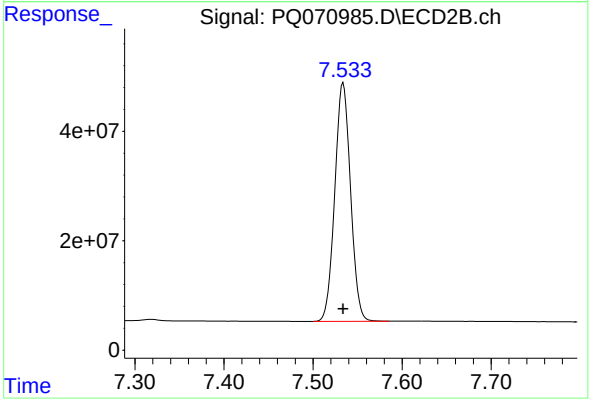
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 549926827
Conc: 98.01 ng/ml



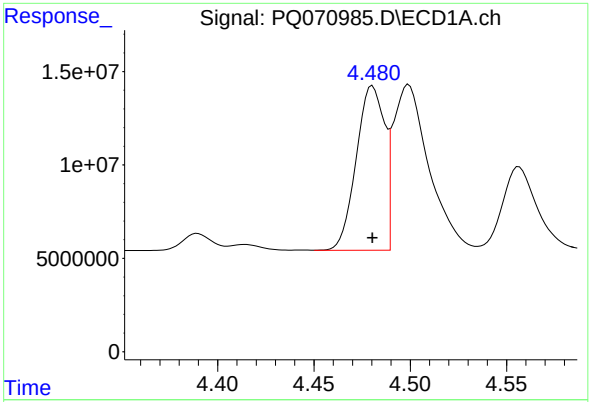
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 317734844
Conc: 96.57 ng/ml



#2 Decachlorobiphenyl

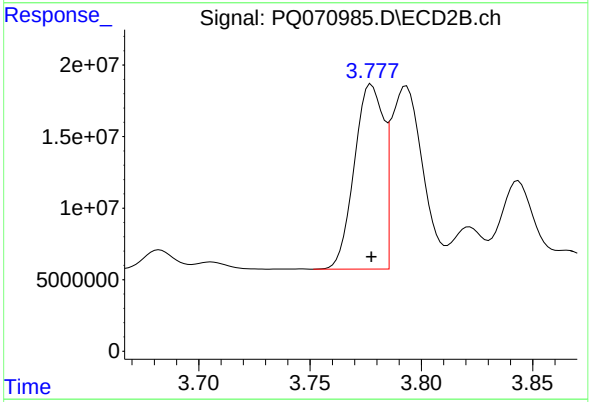
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 535728433
Conc: 96.63 ng/ml



#21 AR-1248-1

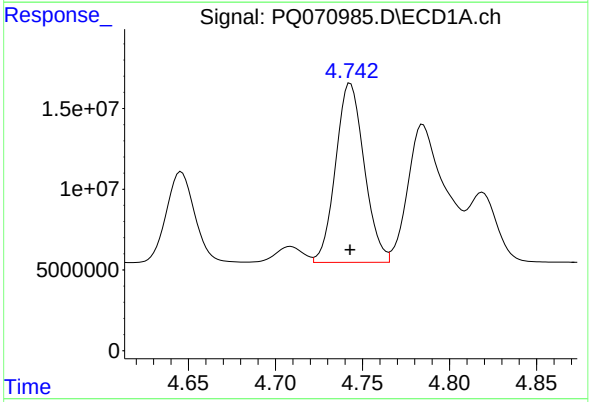
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 89951061
Conc: 950.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



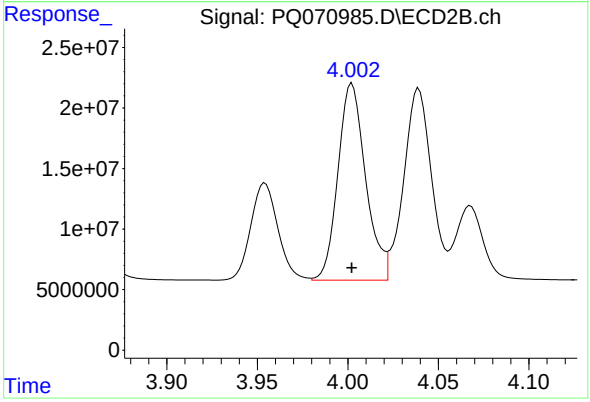
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 118147108
Conc: 962.15 ng/ml



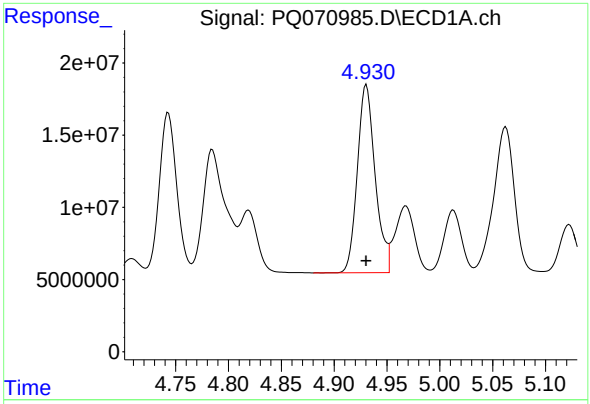
#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 126849870
Conc: 954.65 ng/ml



#22 AR-1248-2

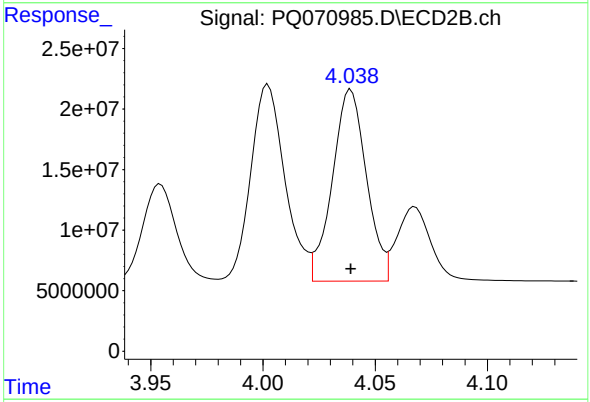
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 172958749
Conc: 954.82 ng/ml



#23 AR-1248-3

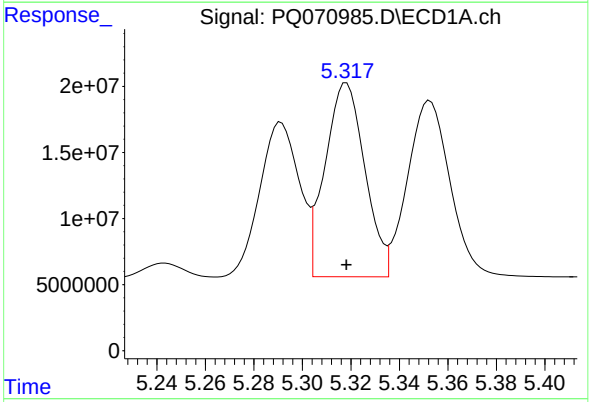
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 152980867
Conc: 958.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



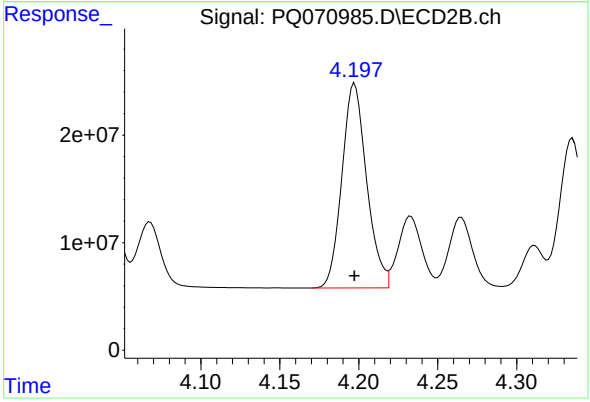
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 167593672
Conc: 969.28 ng/ml



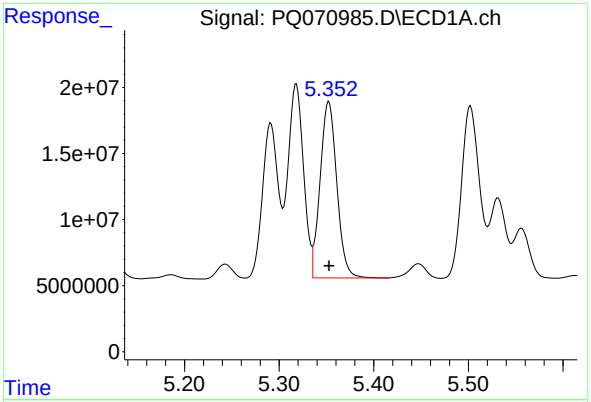
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 167077290
Conc: 954.99 ng/ml



#24 AR-1248-4

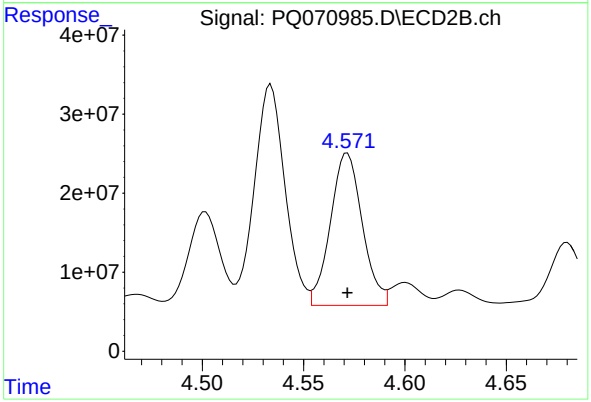
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 207432918
Conc: 947.00 ng/ml



#25 AR-1248-5

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 163667698
Conc: 1106.32 ng/m

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 211078475
Conc: 928.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:06
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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...	3.400	2.778	344.9E6	417.8E6	74.527	74.644
2)	SA Decachlor...	8.495	7.533	243.6E6	409.6E6	74.366	74.245
	Target Compounds						
21)	L5 AR-1248-1	4.480	3.777	69602185	90481437	740.364	741.181
22)	L5 AR-1248-2	4.744	4.002	98823740	133.3E6	745.811	740.453
23)	L5 AR-1248-3	4.931	4.039	118.2E6	129.7E6	743.646	750.086
24)	L5 AR-1248-4	5.318	4.197	129.8E6	160.6E6	744.762	738.847
25)	L5 AR-1248-5	5.352	4.571	126.1E6	162.5E6	815.290	726.458

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

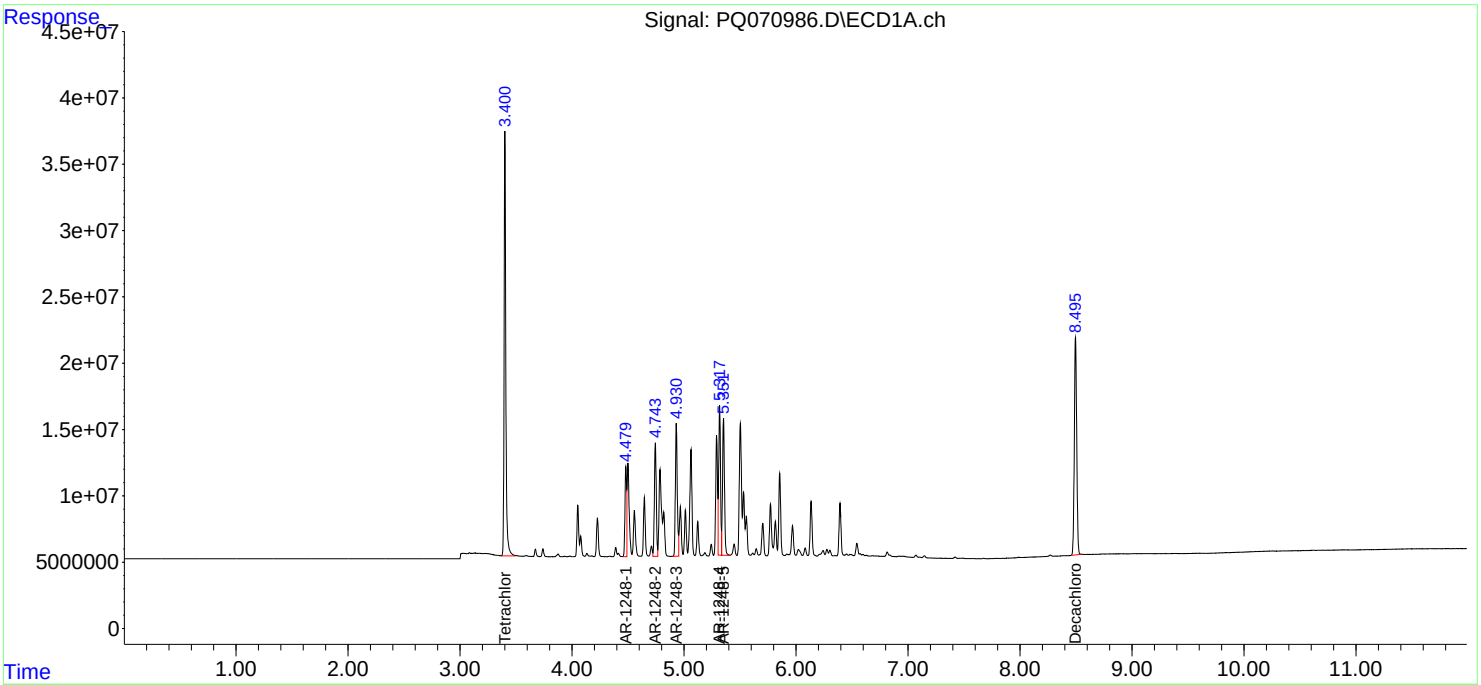
ICAL Form

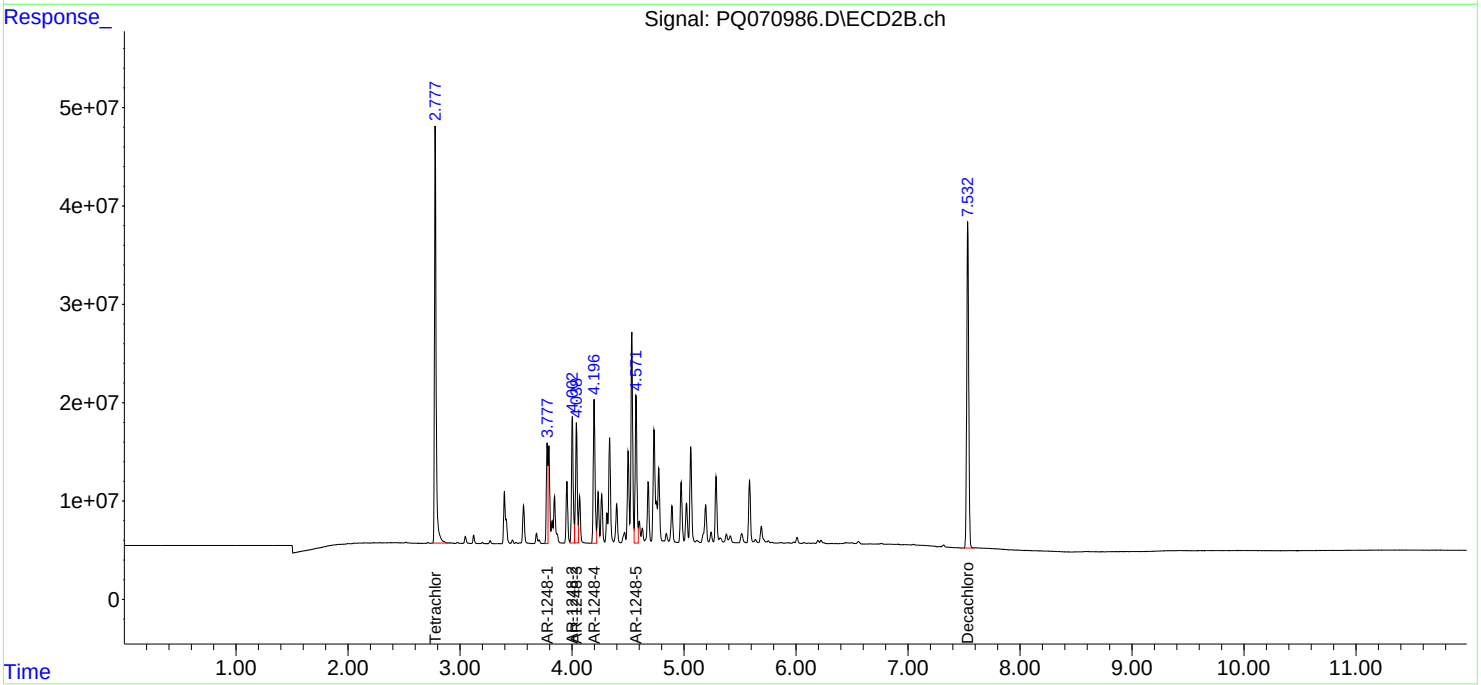
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:06
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

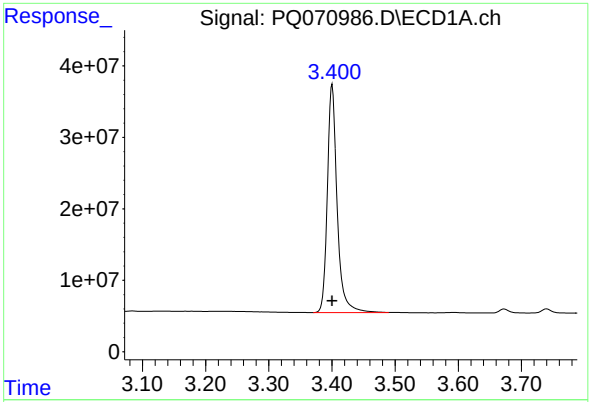
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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



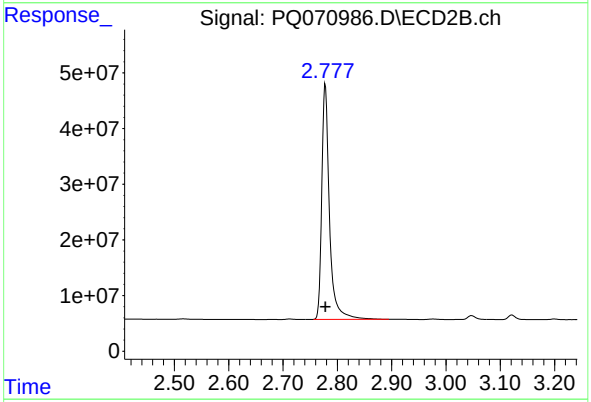




#1 Tetrachloro-m-xylene

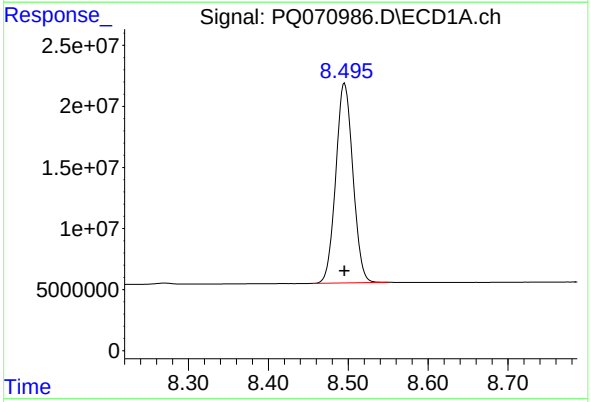
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 344936586
Conc: 74.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



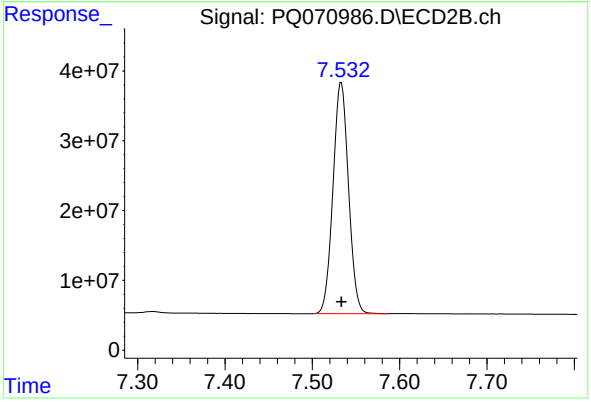
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 417847054
Conc: 74.64 ng/ml



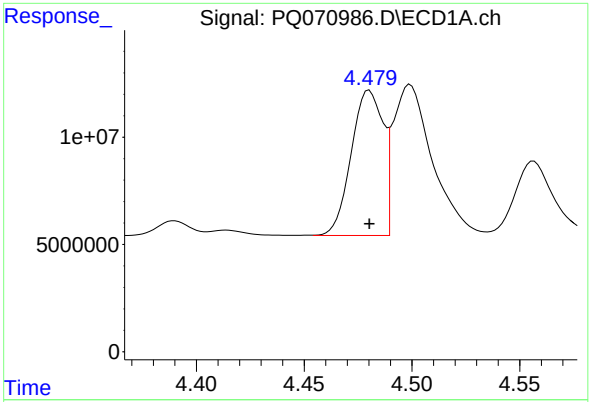
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 243638918
Conc: 74.37 ng/ml



#2 Decachlorobiphenyl

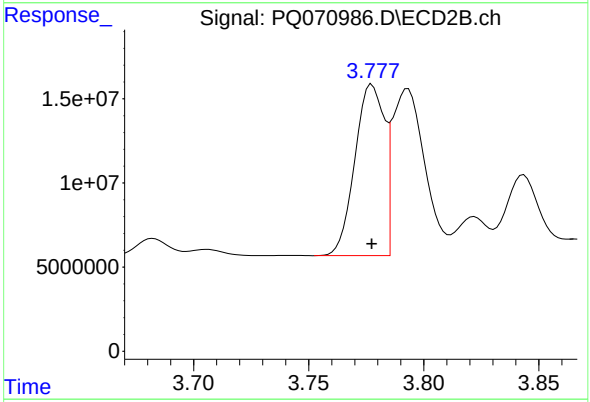
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 409558512
Conc: 74.25 ng/ml



#21 AR-1248-1

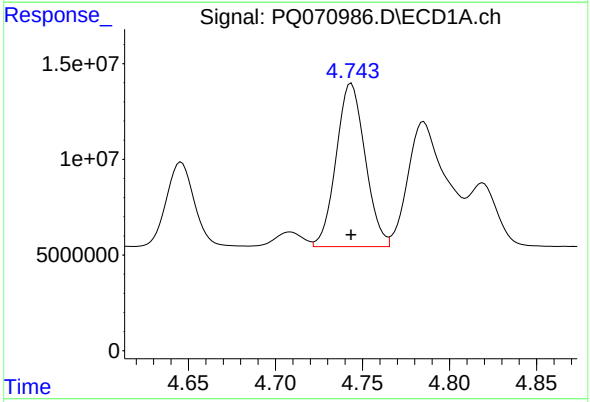
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 69602185
Conc: 740.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



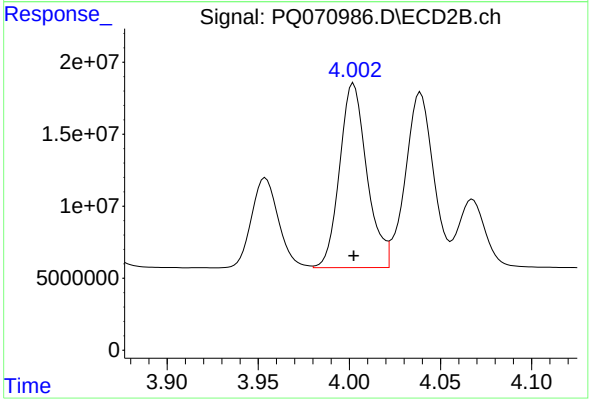
#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 90481437
Conc: 741.18 ng/ml



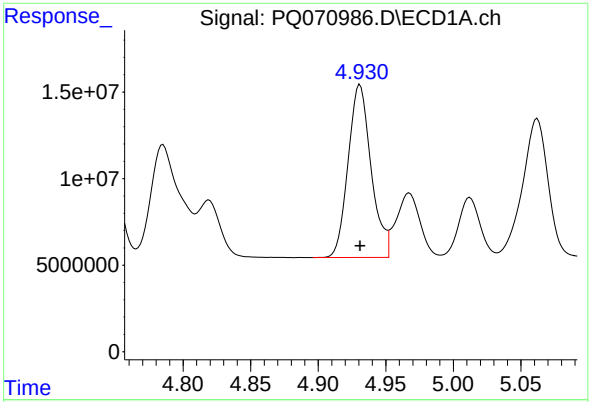
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 98823740
Conc: 745.81 ng/ml



#22 AR-1248-2

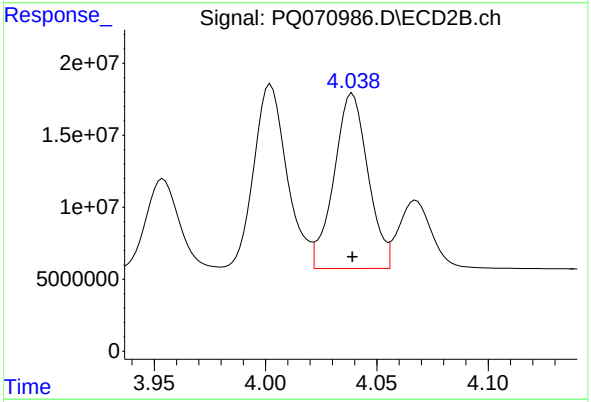
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 133279046
Conc: 740.45 ng/ml



#23 AR-1248-3

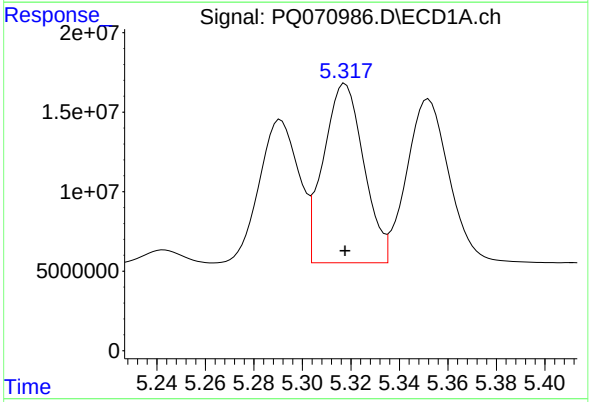
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 118158493
Conc: 743.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



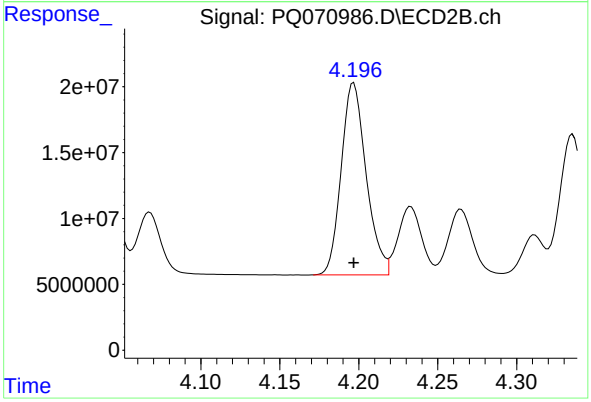
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 129701077
Conc: 750.09 ng/ml



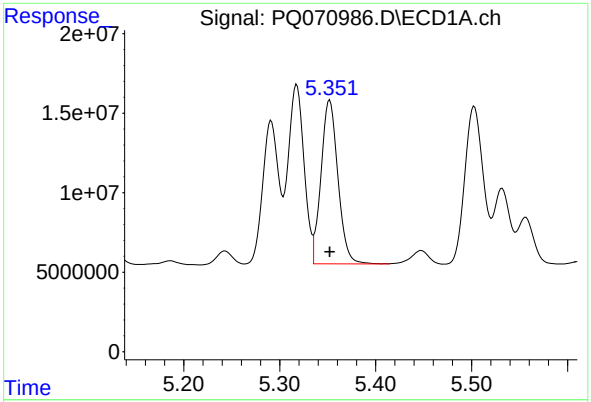
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 129844545
Conc: 744.76 ng/ml



#24 AR-1248-4

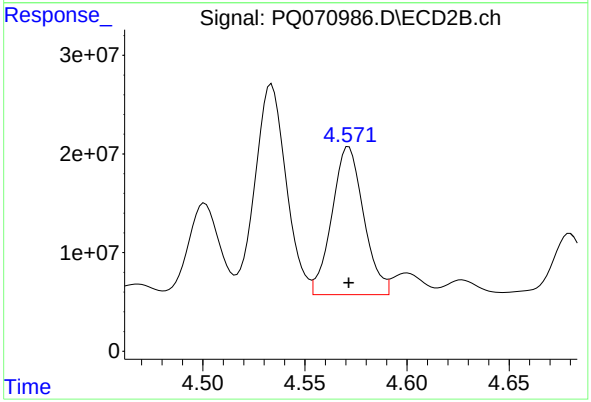
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 160643613
Conc: 738.85 ng/ml



#25 AR-1248-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 126102213
Conc: 815.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 162540024
Conc: 726.46 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:20
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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...	3.400	2.778	237.0E6	286.1E6	50.000	50.000
2)	SA Decachlor...	8.496	7.532	170.1E6	286.5E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.480	3.778	49639121	63721566	500.000	500.000
22)	L5 AR-1248-2	4.744	4.002	69450264	94662929	500.000	500.000
23)	L5 AR-1248-3	4.931	4.039	83073425	89108340	500.000	500.000
24)	L5 AR-1248-4	5.318	4.197	91413720	115.3E6	500.000	500.000
25)	L5 AR-1248-5	5.351	4.571	66105541	121.7E6	500.000	500.000

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

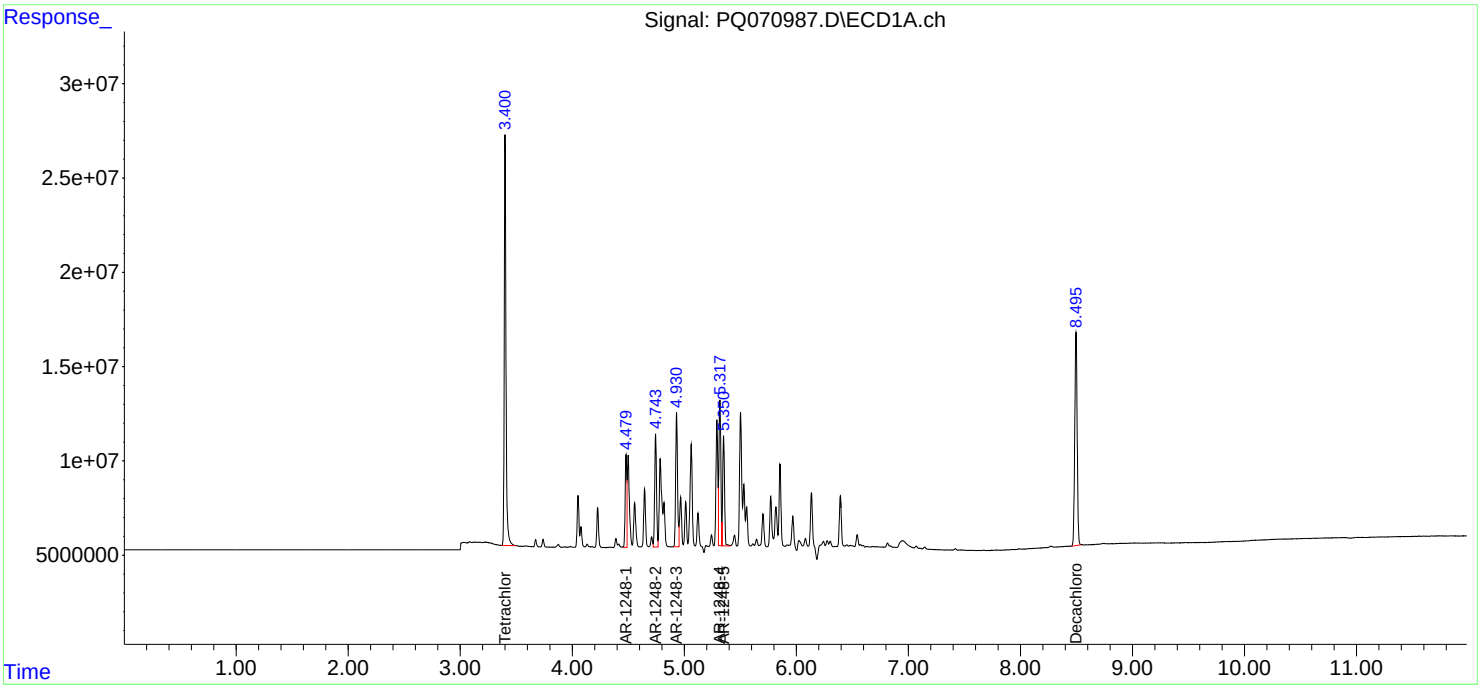
ICAL Form

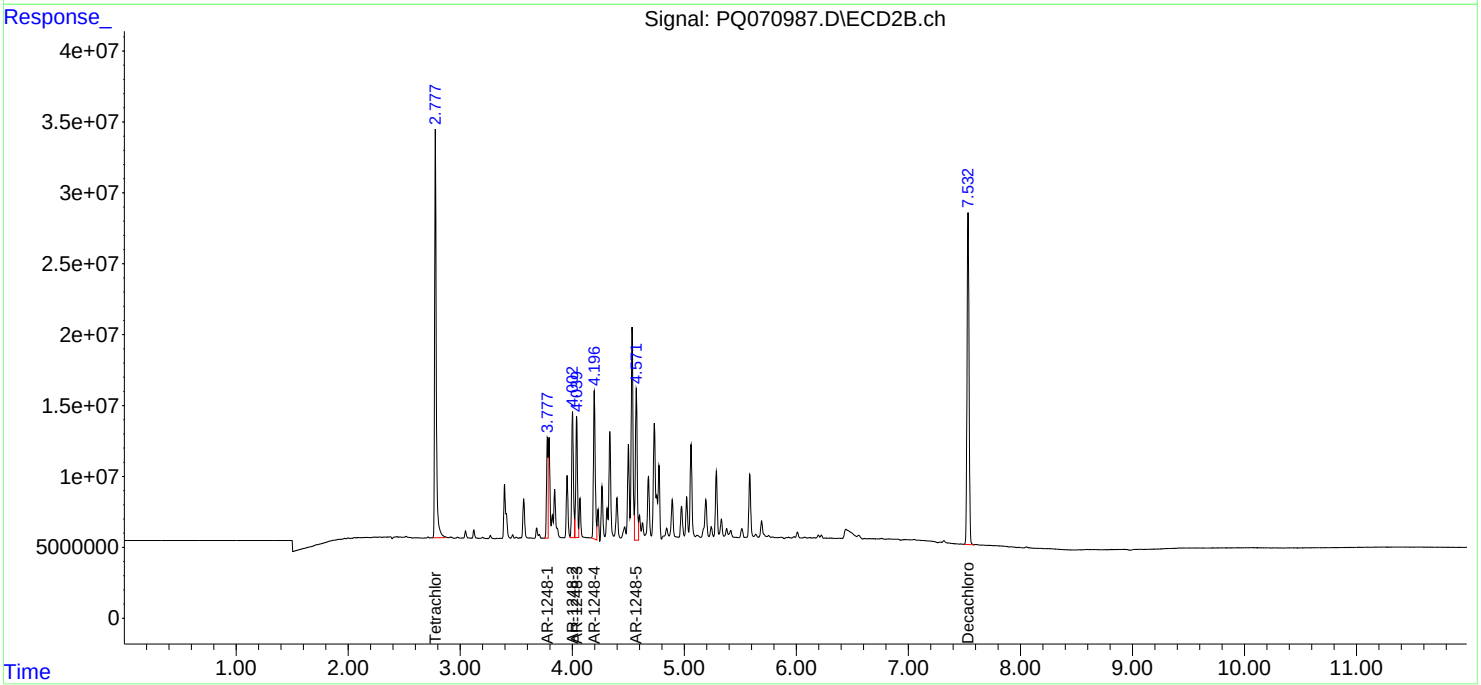
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:20
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

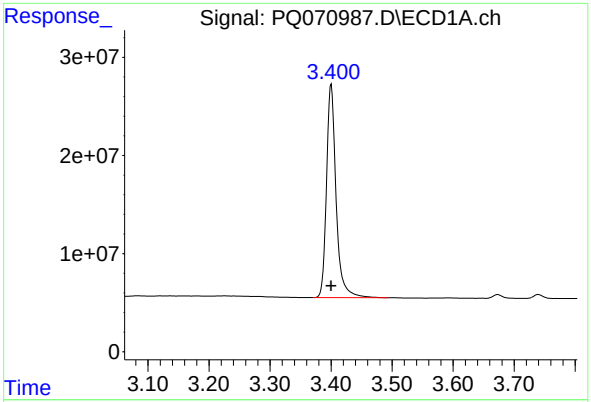
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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



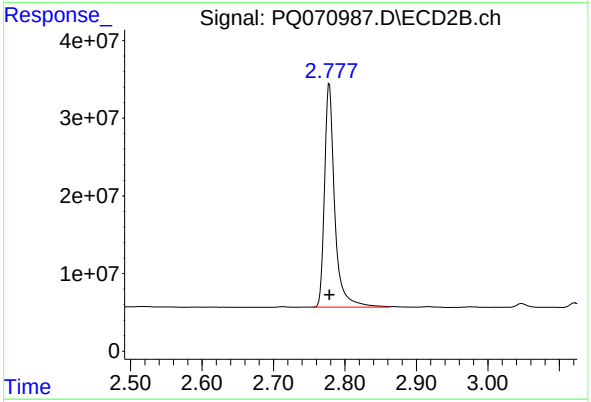




#1 Tetrachloro-m-xylene

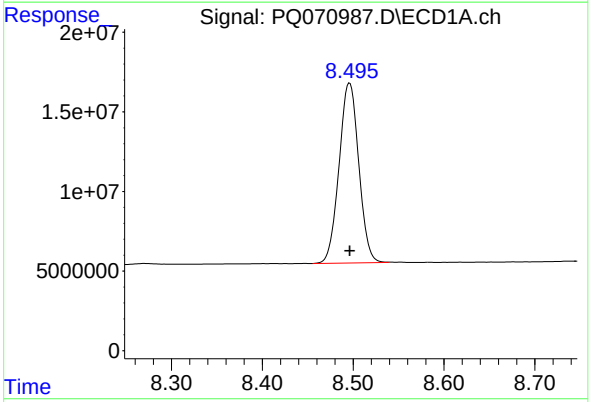
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 236970659
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



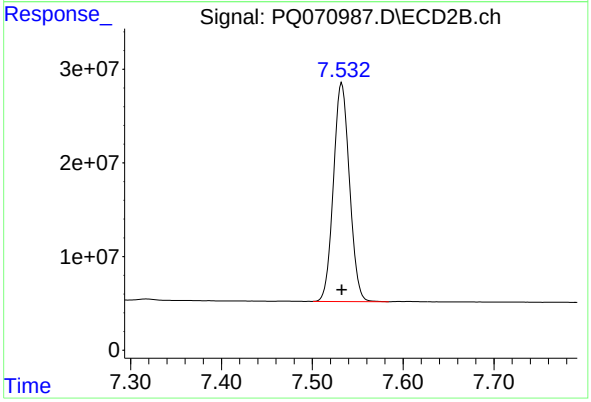
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286146810
Conc: 50.00 ng/ml



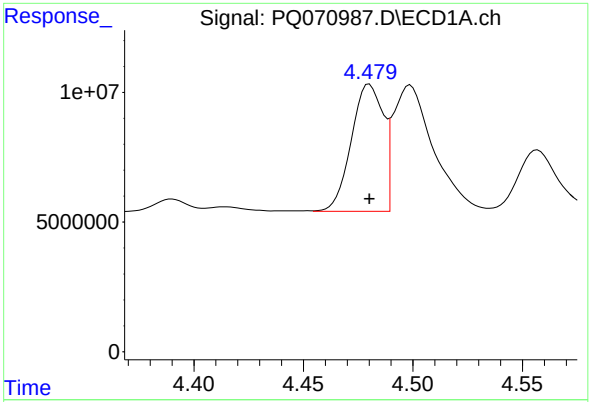
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 170138327
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

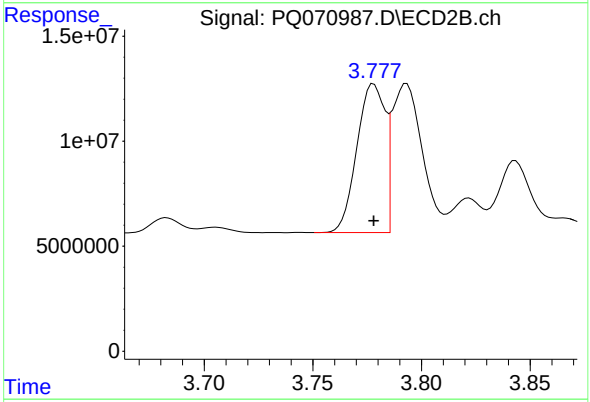
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 286540483
Conc: 50.00 ng/ml



#21 AR-1248-1

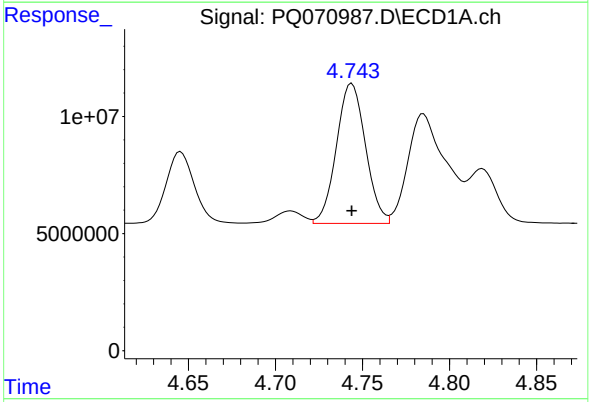
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 49639121
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



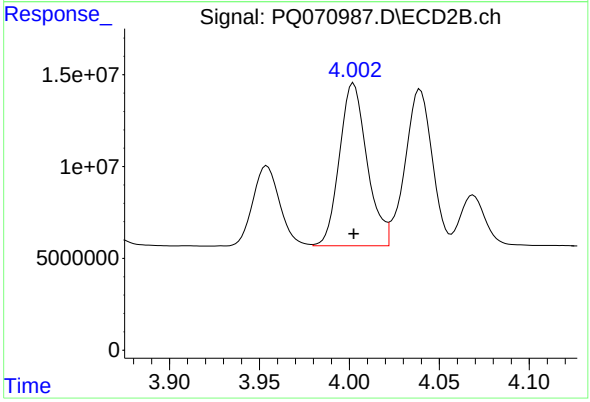
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 63721566
Conc: 500.00 ng/ml



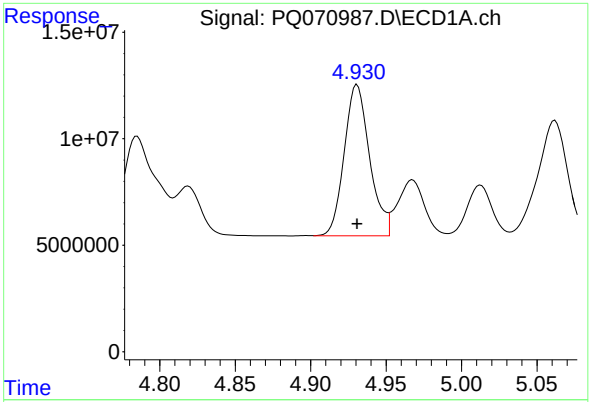
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 69450264
Conc: 500.00 ng/ml



#22 AR-1248-2

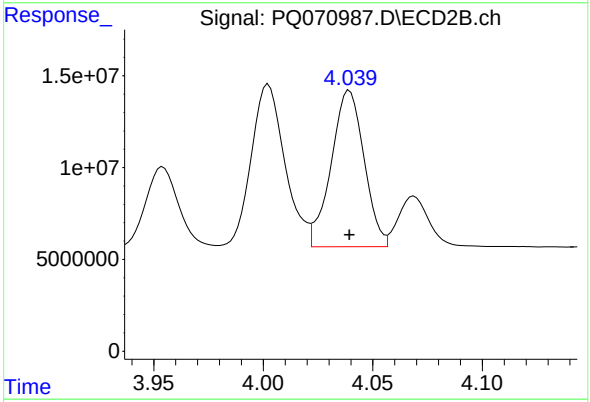
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 94662929
Conc: 500.00 ng/ml



#23 AR-1248-3

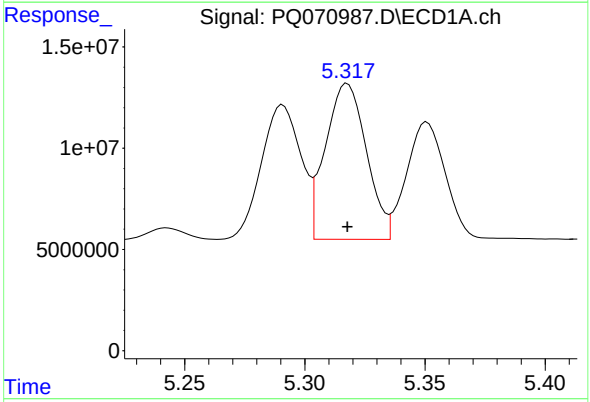
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 83073425
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



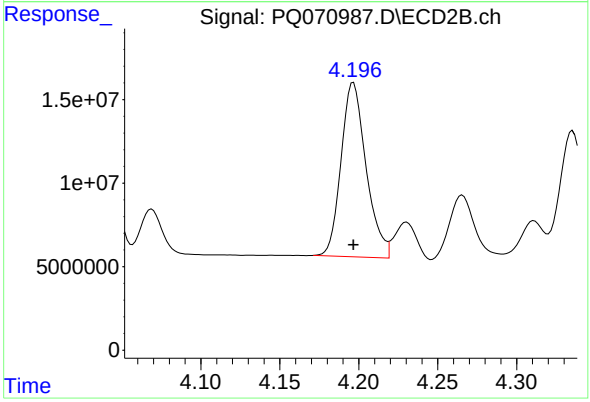
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 89108340
Conc: 500.00 ng/ml



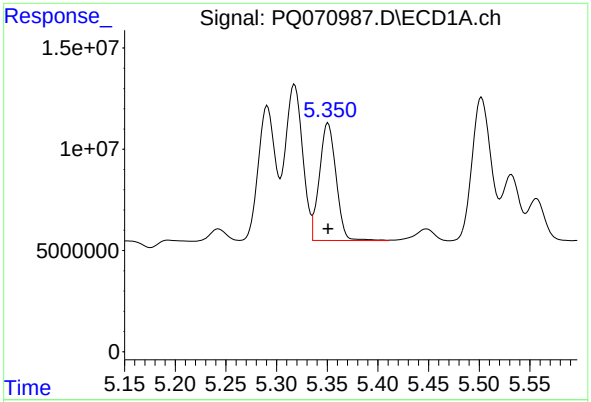
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 91413720
Conc: 500.00 ng/ml



#24 AR-1248-4

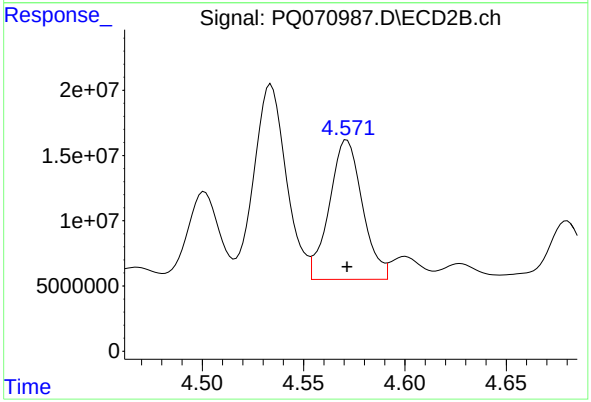
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 115324829
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 66105541
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 121715396
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:50:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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...	3.401	2.778	117.1E6	141.6E6	25.232	25.223
2)	SA Decachlor...	8.497	7.534	85869763	146.1E6	25.897	26.099
	Target Compounds						
21)	L5 AR-1248-1	4.481	3.778	24349976	33050222	256.699	265.233
22)	L5 AR-1248-2	4.744	4.002	35564341	49025433	263.550	266.409
23)	L5 AR-1248-3	4.931	4.039	41870274	45515698	260.002	259.790
24)	L5 AR-1248-4	5.318	4.196	46678299	58029144	263.071	262.398m
25)	L5 AR-1248-5	5.351	4.570	30347346	62706574	207.360	273.971m#

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

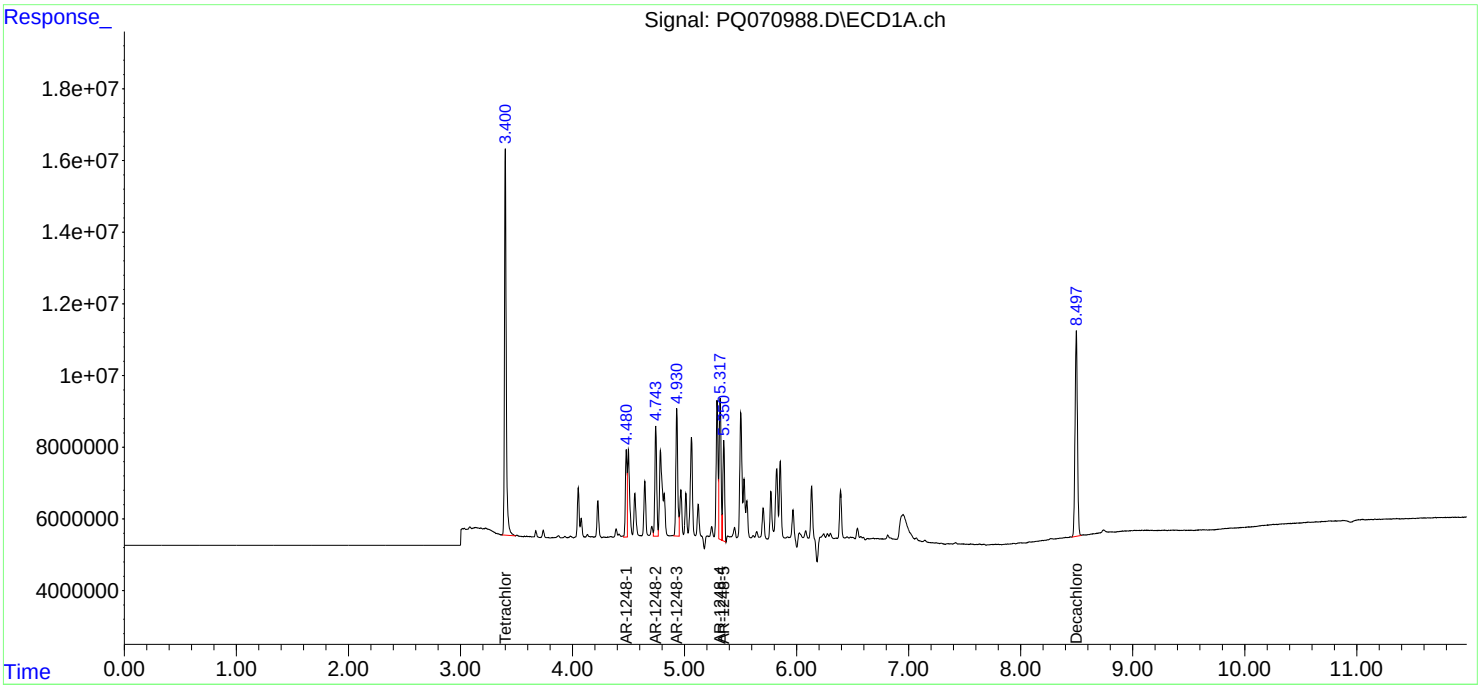
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

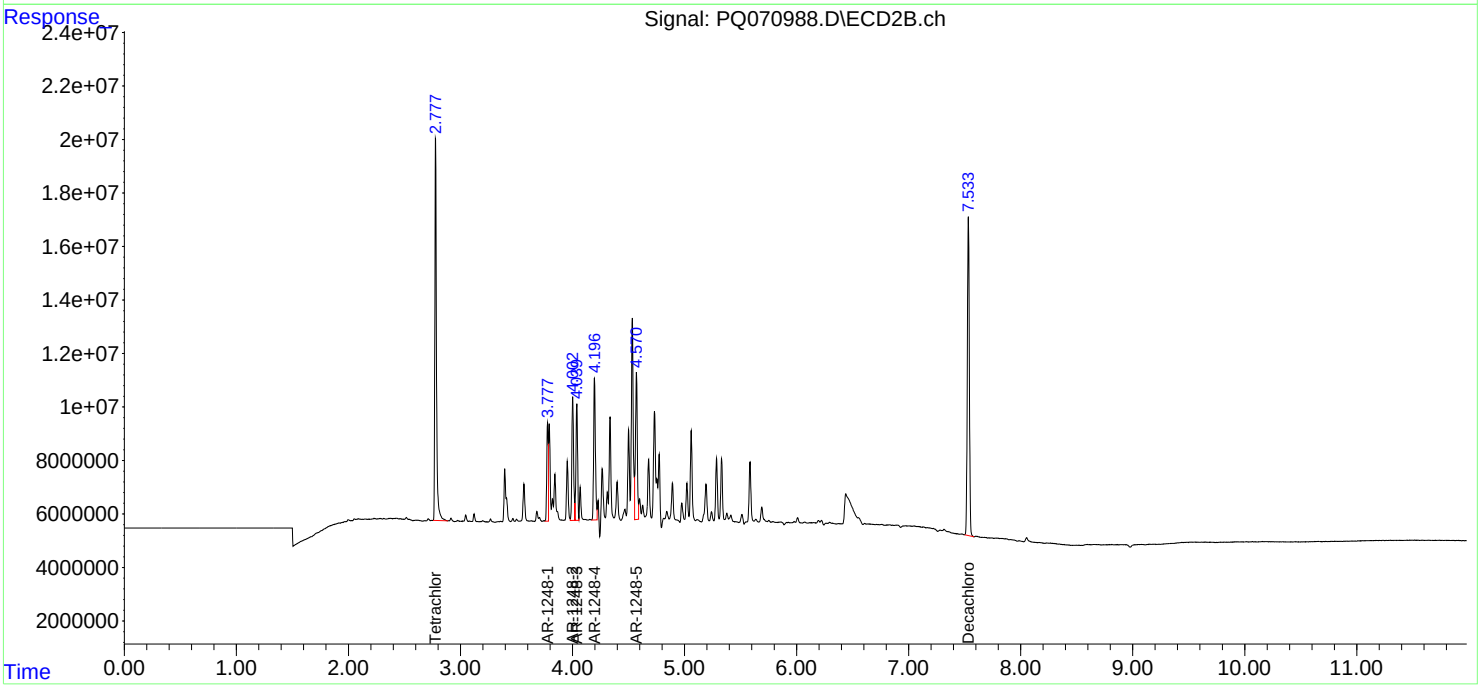
Manual Integrations APPROVED

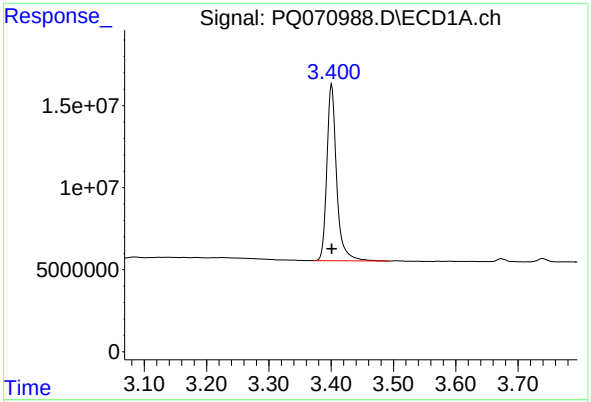
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:50:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 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







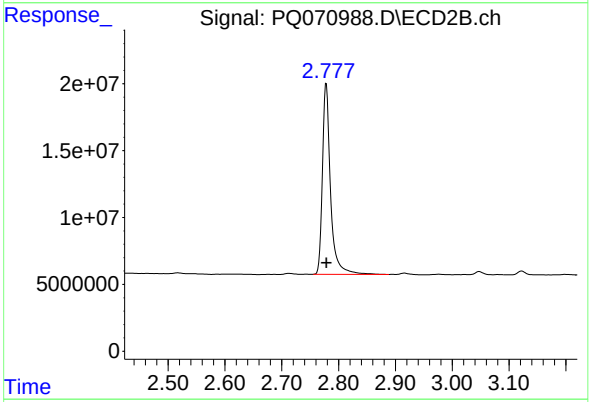
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 117145709
Conc: 25.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

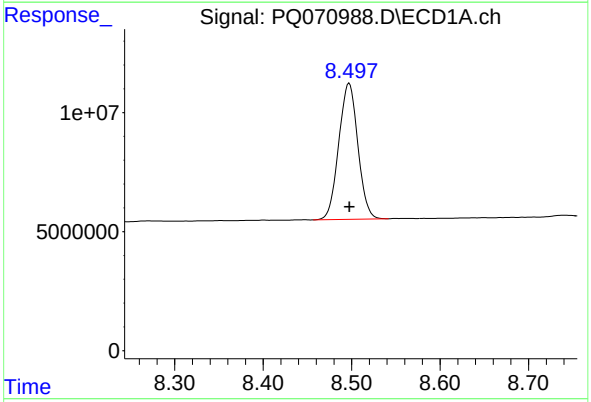
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



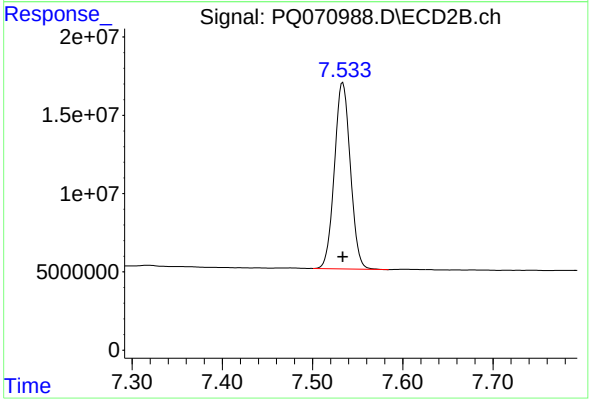
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 141612310
Conc: 25.22 ng/ml



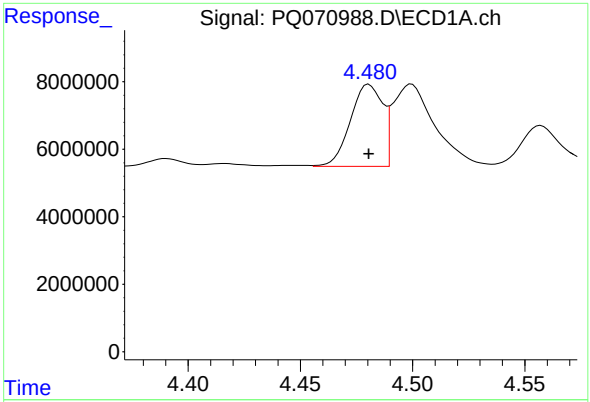
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 85869763
Conc: 25.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 146109381
Conc: 26.10 ng/ml



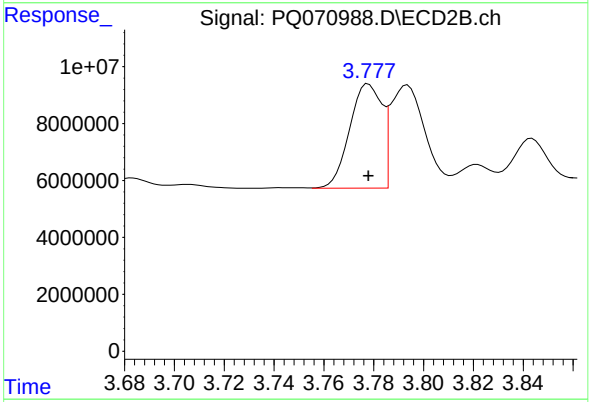
#21 AR-1248-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 24349976
Conc: 256.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

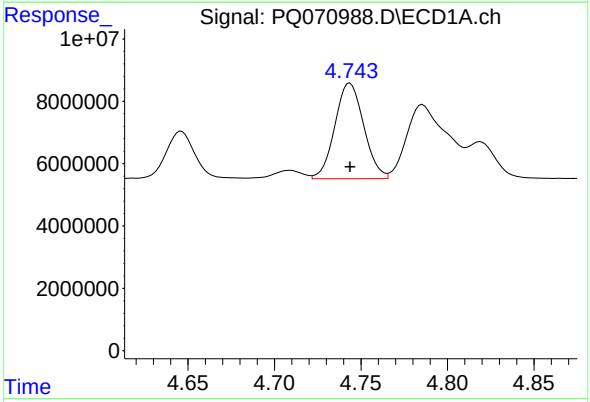
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



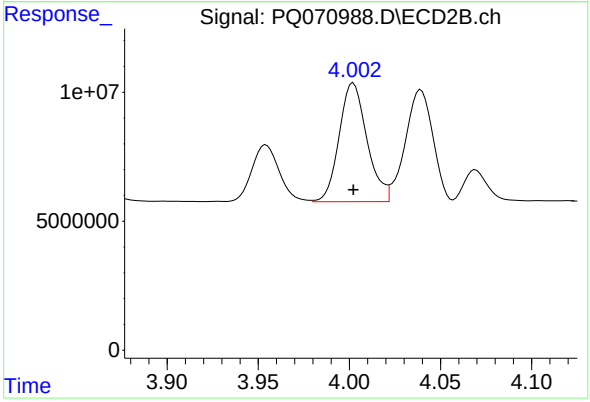
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 33050222
Conc: 265.23 ng/ml



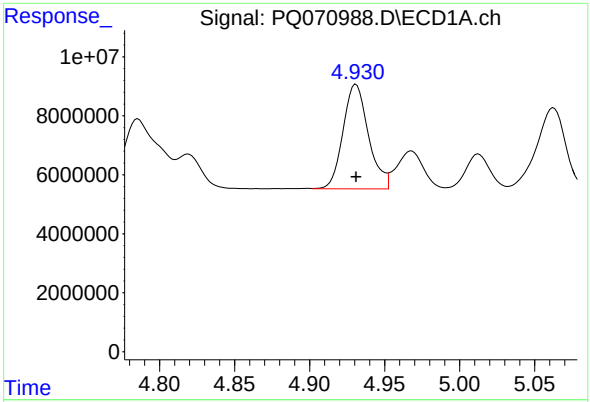
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 35564341
Conc: 263.55 ng/ml



#22 AR-1248-2

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 49025433
Conc: 266.41 ng/ml



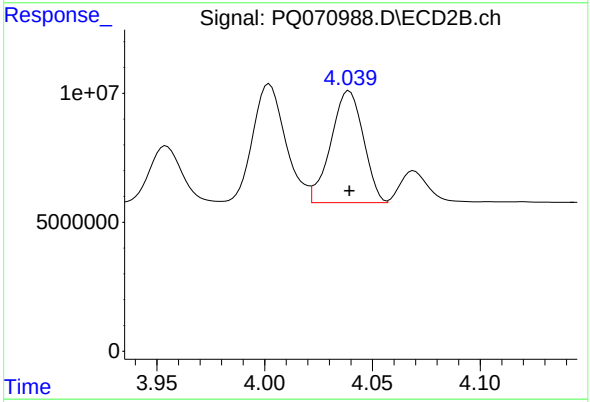
#23 AR-1248-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 41870274
Conc: 260.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

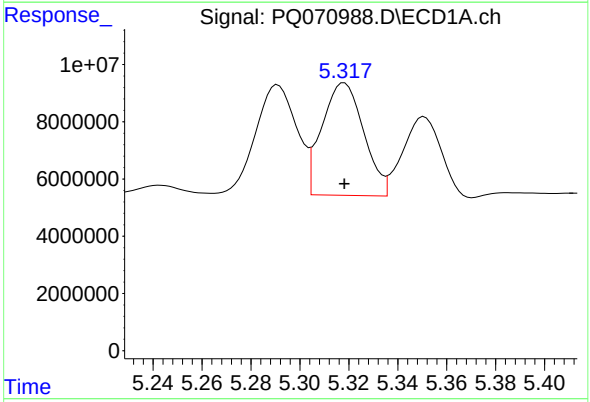
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



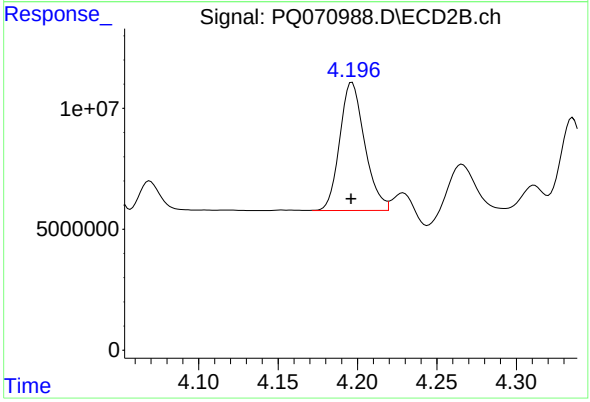
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 45515698
Conc: 259.79 ng/ml



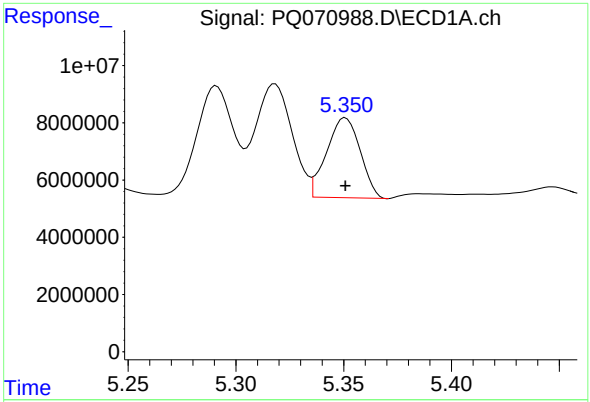
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 46678299
Conc: 263.07 ng/ml



#24 AR-1248-4

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 58029144
Conc: 262.40 ng/ml m



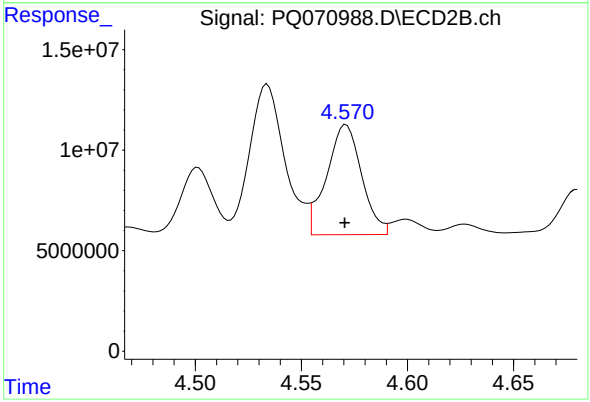
#25 AR-1248-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 30347346
Conc: 207.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



#25 AR-1248-5

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 62706574
Conc: 273.97 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:31:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:30:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	22591108	27044968	4.892	4.853
2)	SA Decachlor...	8.497	7.534	16769582	30654485	5.046	5.373
	Target Compounds						
21)	L5 AR-1248-1	4.481	3.778	3394569	6701586	37.943	52.980 #
22)	L5 AR-1248-2	4.743	4.002	7123103	10336252	52.204	54.816
23)	L5 AR-1248-3	4.931	4.039	8138224	9873376	50.428	54.957
24)	L5 AR-1248-4	5.318	4.197	7886075	11863237	45.455	52.883
25)	L5 AR-1248-5	5.352	4.571	7959257	12107881	53.447	52.000

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

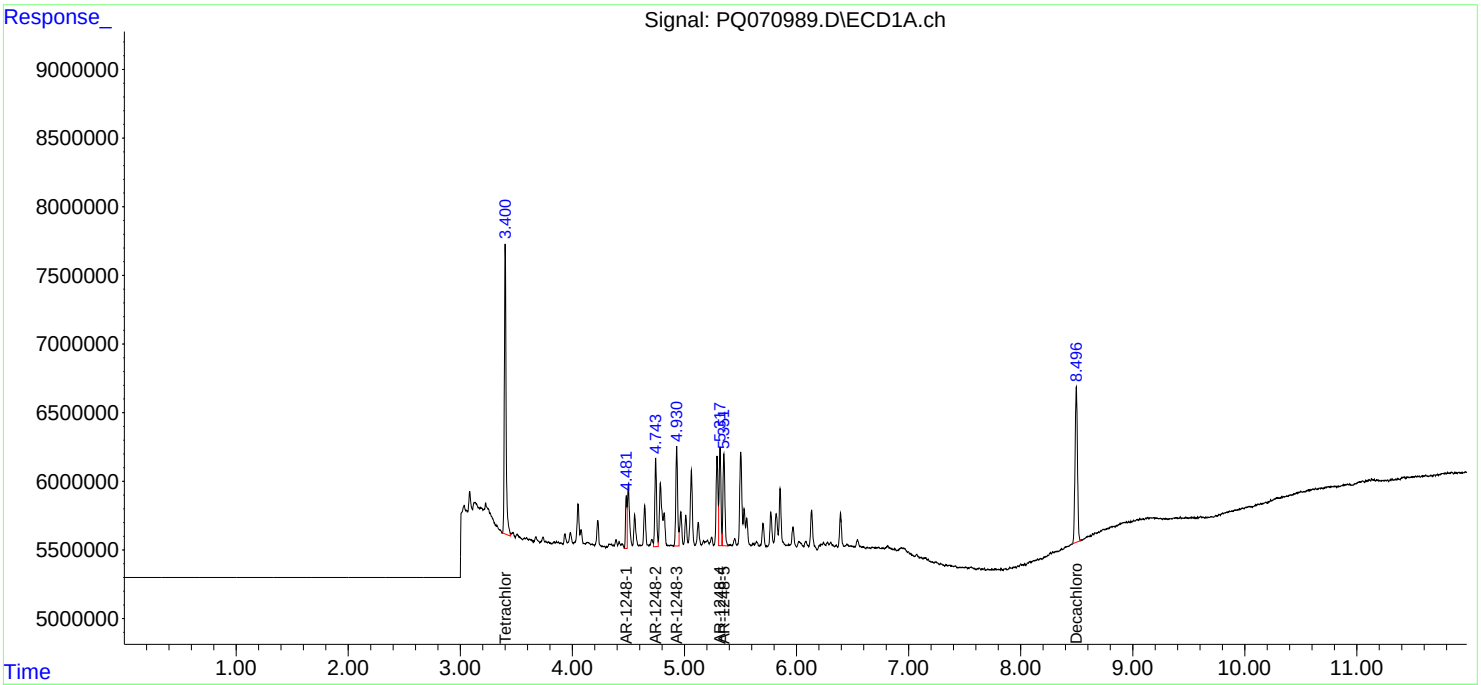
ICAL Form

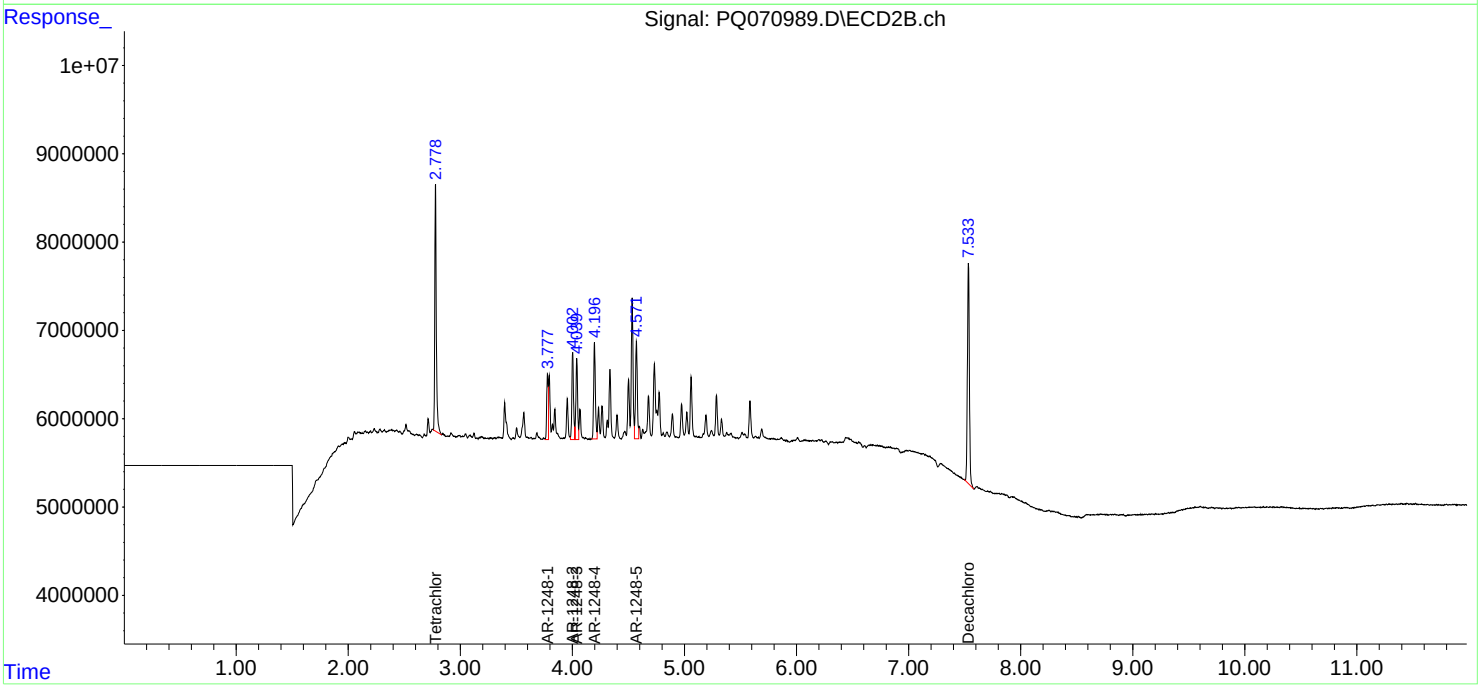
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

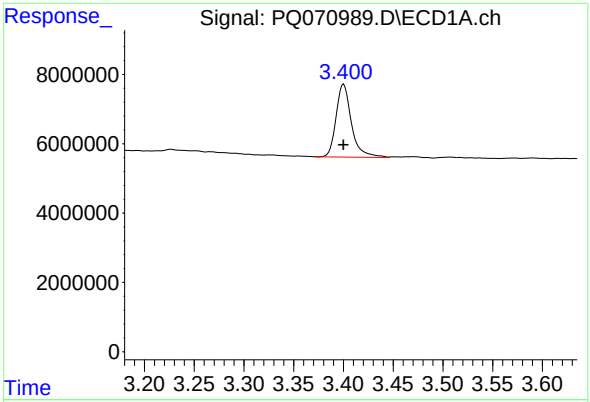
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:31:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:30:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



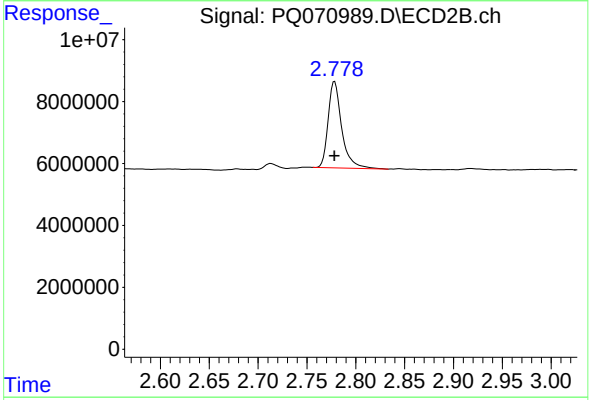




#1 Tetrachloro-m-xylene

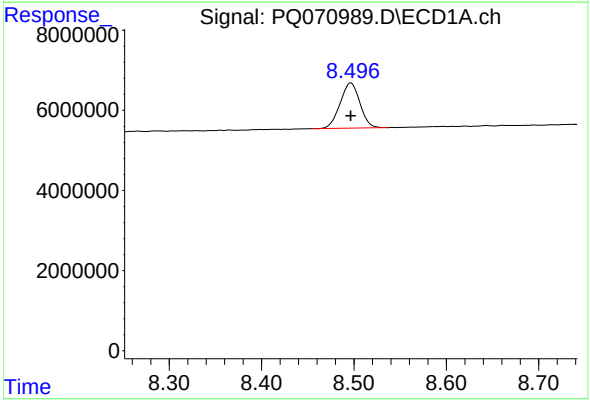
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 22591108
Conc: 4.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



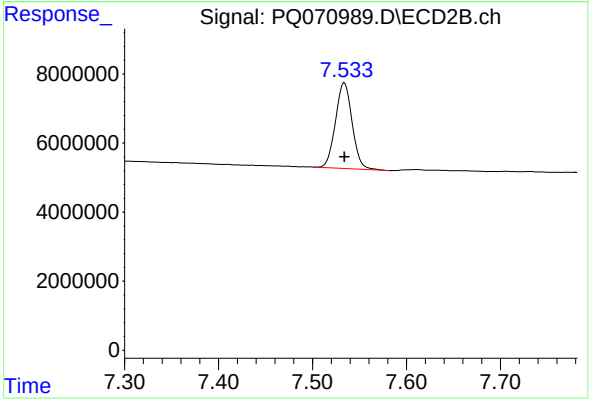
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 27044968
Conc: 4.85 ng/ml



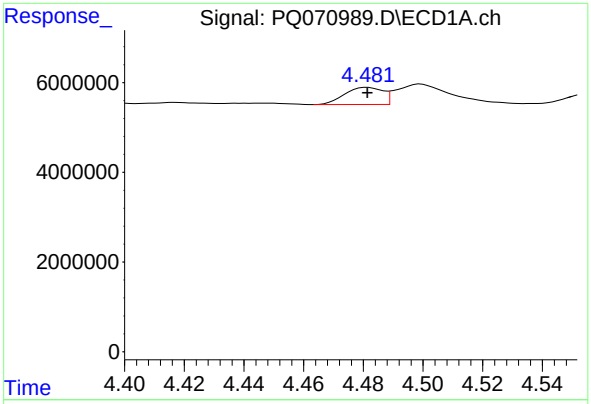
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 16769582
Conc: 5.05 ng/ml



#2 Decachlorobiphenyl

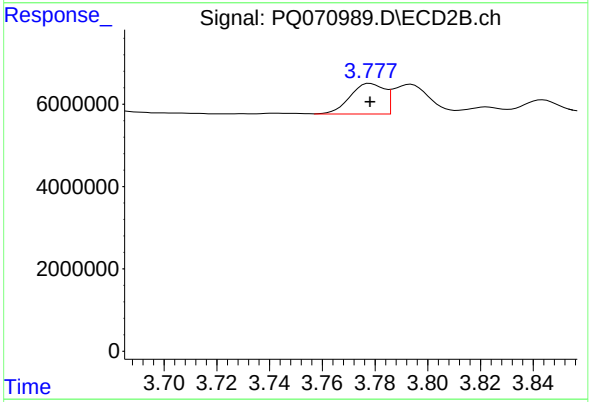
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 30654485
Conc: 5.37 ng/ml



#21 AR-1248-1

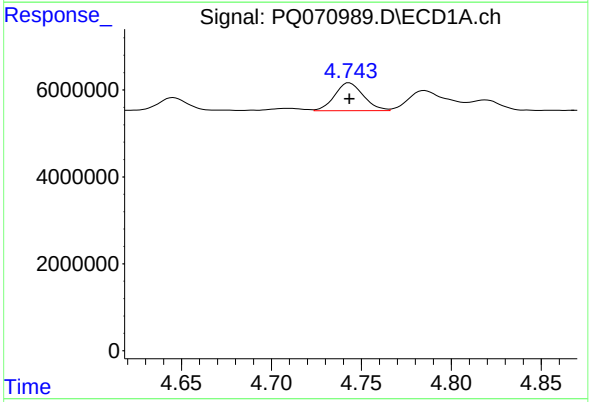
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 3394569
Conc: 37.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



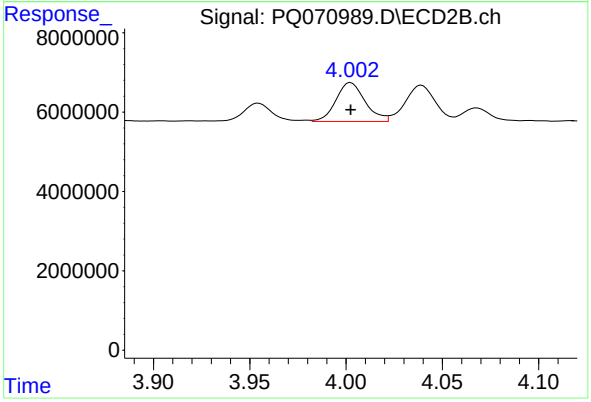
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 6701586
Conc: 52.98 ng/ml



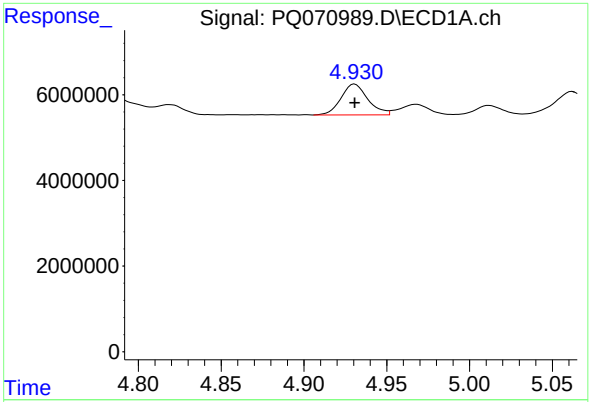
#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 7123103
Conc: 52.20 ng/ml



#22 AR-1248-2

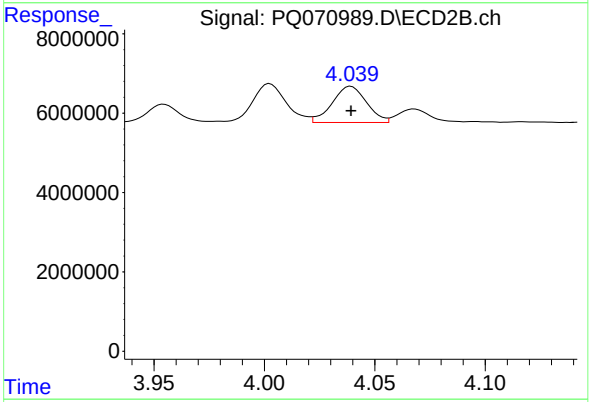
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 10336252
Conc: 54.82 ng/ml



#23 AR-1248-3

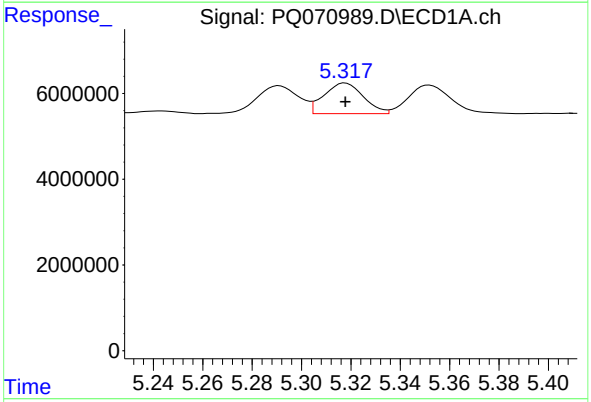
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 8138224
Conc: 50.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



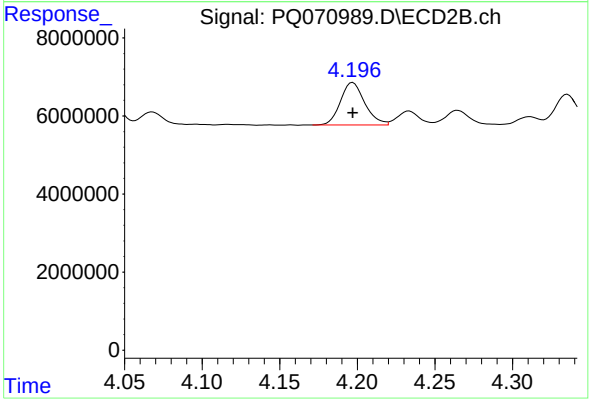
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 9873376
Conc: 54.96 ng/ml



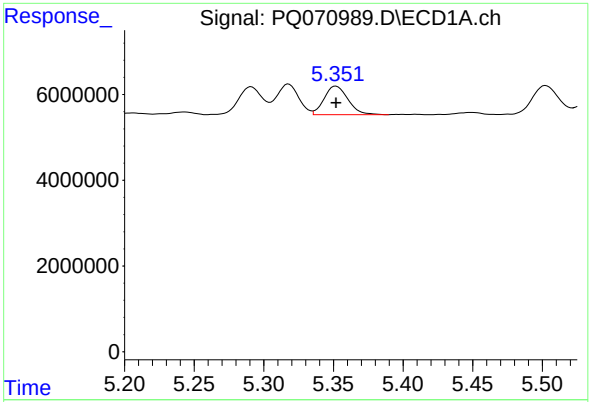
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 7886075
Conc: 45.45 ng/ml



#24 AR-1248-4

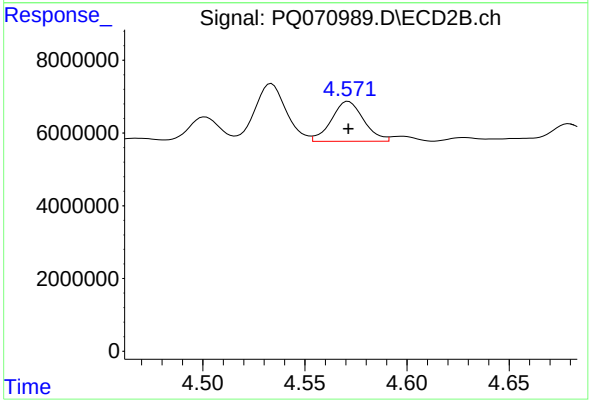
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 11863237
Conc: 52.88 ng/ml



#25 AR-1248-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 7959257
Conc: 53.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 12107881
Conc: 52.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:04
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:53:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:52:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	445.0E6	531.2E6	98.289	98.401
2)	SA Decachlor...	8.496	7.533	313.6E6	536.1E6	97.450	96.785
	Target Compounds						
26)	L6 AR-1254-1	5.292	4.533	186.3E6	326.1E6	963.814	971.106
27)	L6 AR-1254-2	5.507	4.680	272.5E6	283.8E6	950.975	964.208
28)	L6 AR-1254-3	5.855	5.060	294.5E6	455.8E6	960.789	969.392
29)	L6 AR-1254-4	6.135	5.286	212.6E6	291.4E6	961.211	971.453
30)	L6 AR-1254-5	6.543	5.690	229.1E6	417.5E6	971.418	974.299

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

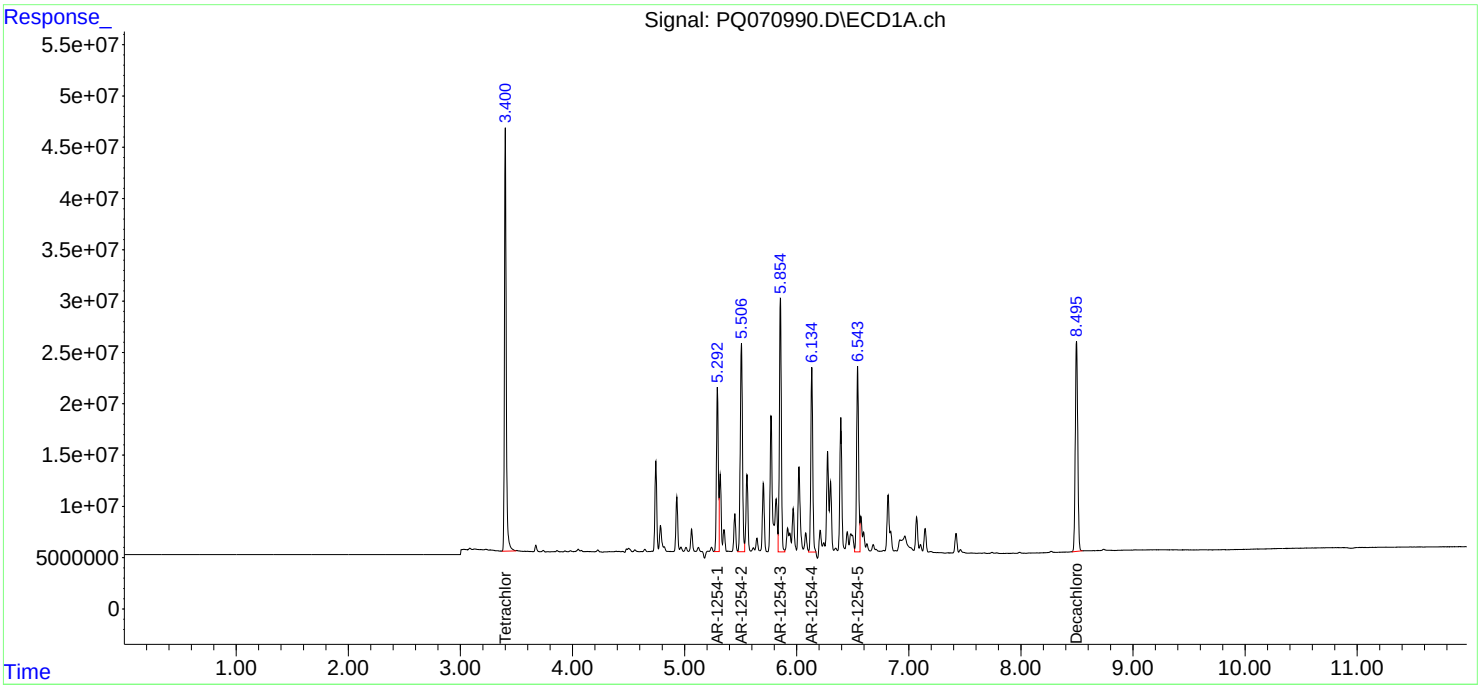
ICAL Form

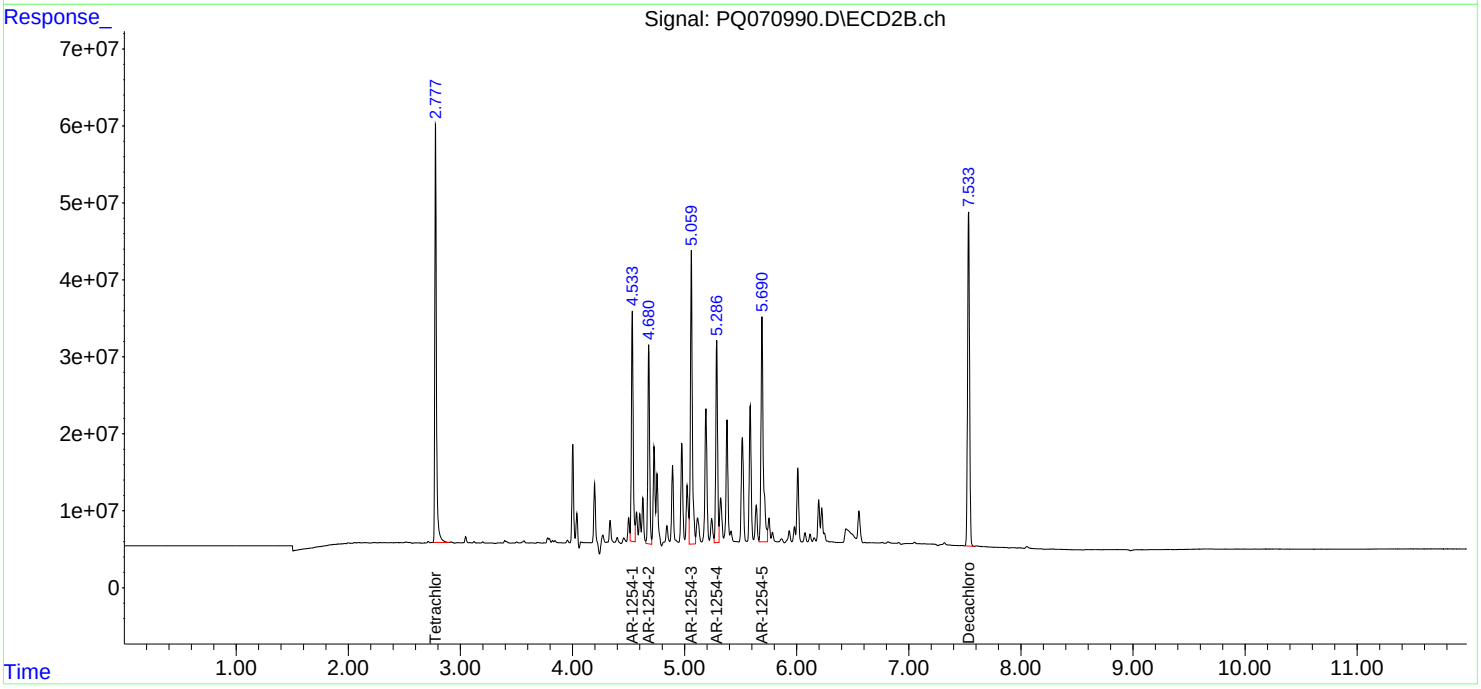
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:04
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

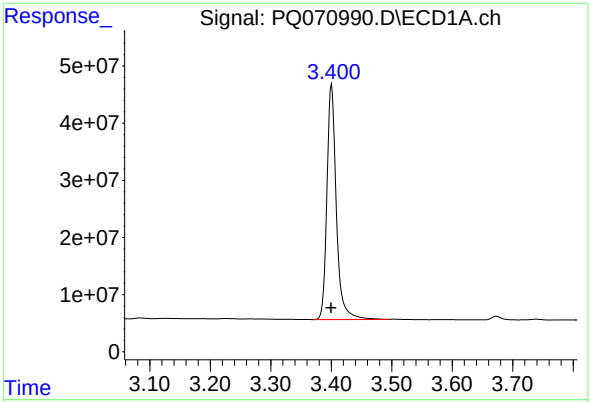
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:53:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:52:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



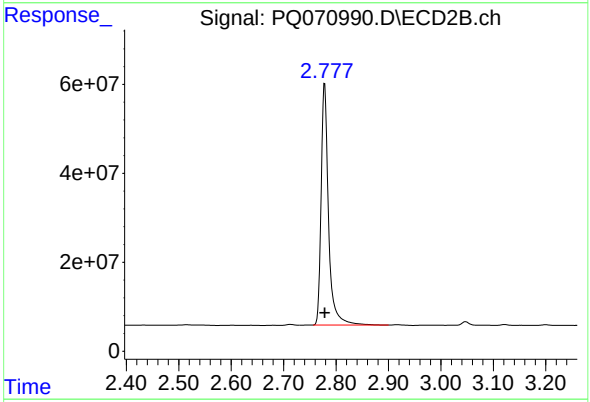




#1 Tetrachloro-m-xylene

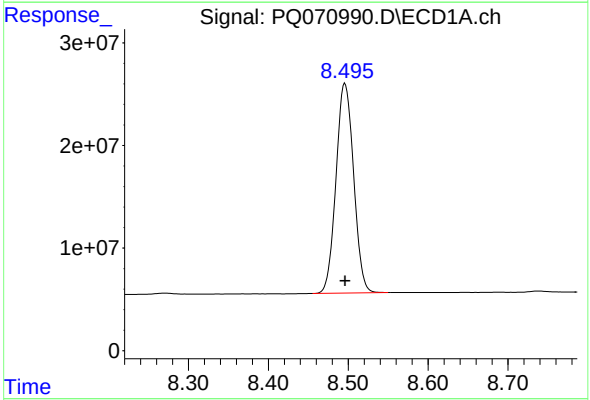
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 444955148
Conc: 98.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



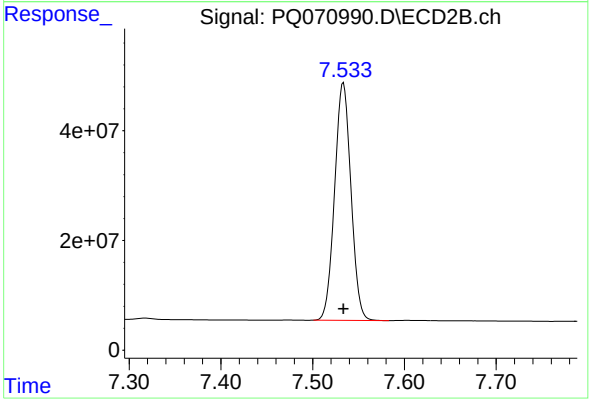
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 531185695
Conc: 98.40 ng/ml



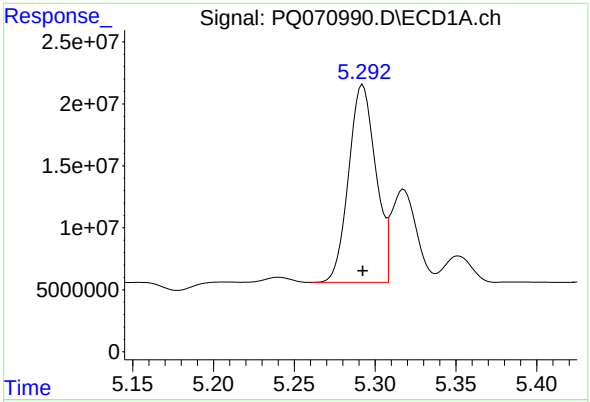
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 313599352
Conc: 97.45 ng/ml



#2 Decachlorobiphenyl

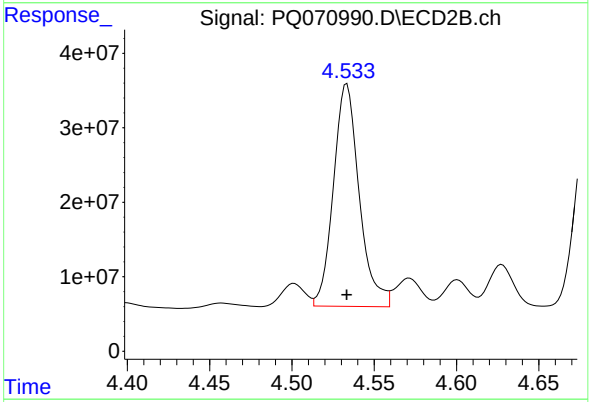
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 536076382
Conc: 96.79 ng/ml



#26 AR-1254-1

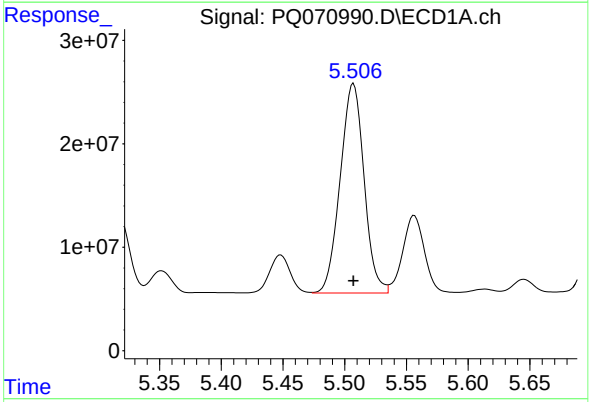
R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 186317660
Conc: 963.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



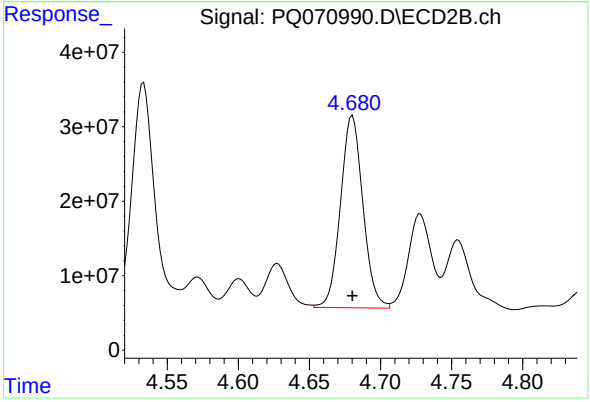
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 326099704
Conc: 971.11 ng/ml



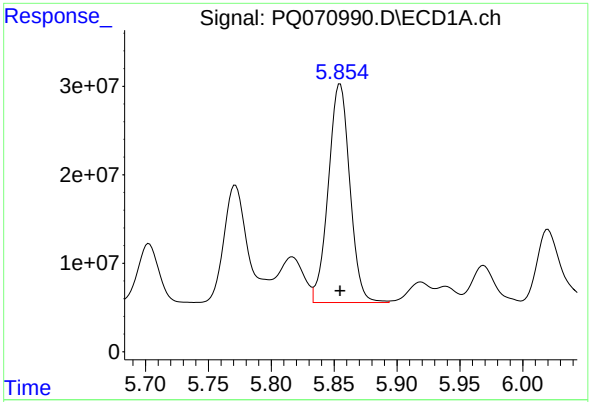
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 272465681
Conc: 950.97 ng/ml



#27 AR-1254-2

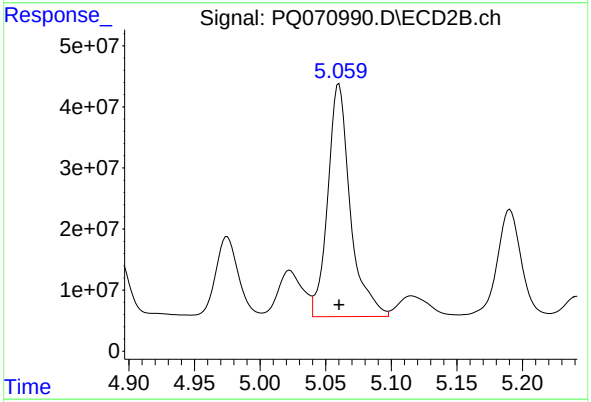
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 283781194
Conc: 964.21 ng/ml



#28 AR-1254-3

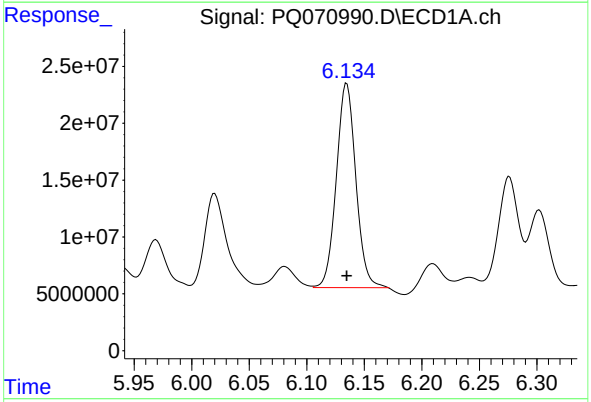
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 294493285
Conc: 960.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



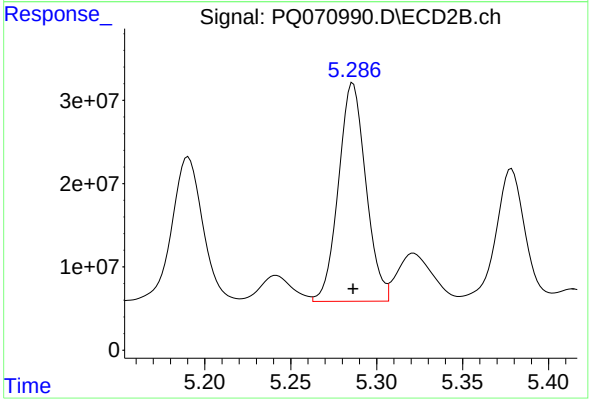
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 455841488
Conc: 969.39 ng/ml



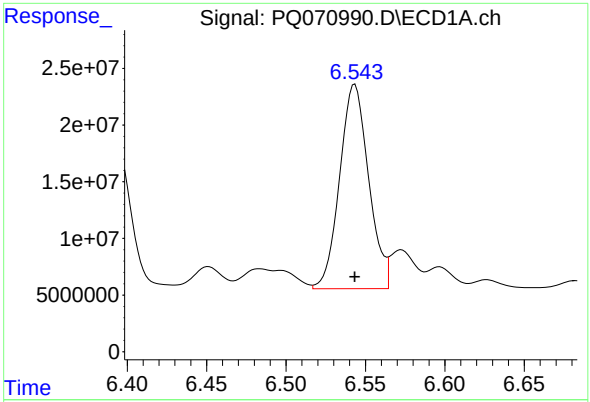
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 212636724
Conc: 961.21 ng/ml



#29 AR-1254-4

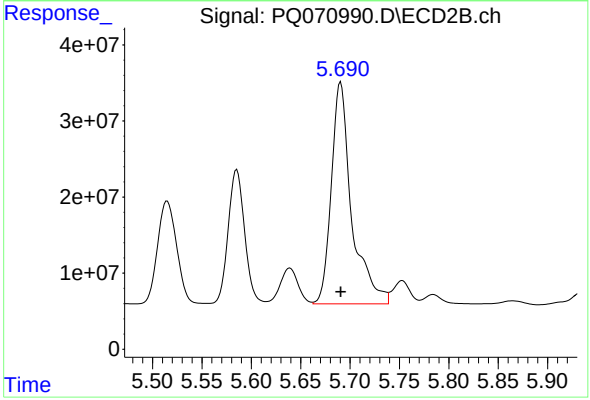
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 291449906
Conc: 971.45 ng/ml



#30 AR-1254-5

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 229095618
Conc: 971.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 417470468
Conc: 974.30 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:19
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:59:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.778	343.8E6	408.9E6	75.627	75.492
2)	SA Decachlor...	8.496	7.534	242.8E6	418.3E6	75.295	75.344
	Target Compounds						
26)	L6 AR-1254-1	5.293	4.533	148.7E6	256.0E6	762.565	758.137
27)	L6 AR-1254-2	5.507	4.680	225.9E6	226.8E6	775.187	763.504
28)	L6 AR-1254-3	5.854	5.060	240.1E6	358.2E6	771.902	757.733
29)	L6 AR-1254-4	6.134	5.286	174.5E6	227.3E6	775.397	755.024
30)	L6 AR-1254-5	6.544	5.690	180.8E6	320.3E6	761.088	748.361

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

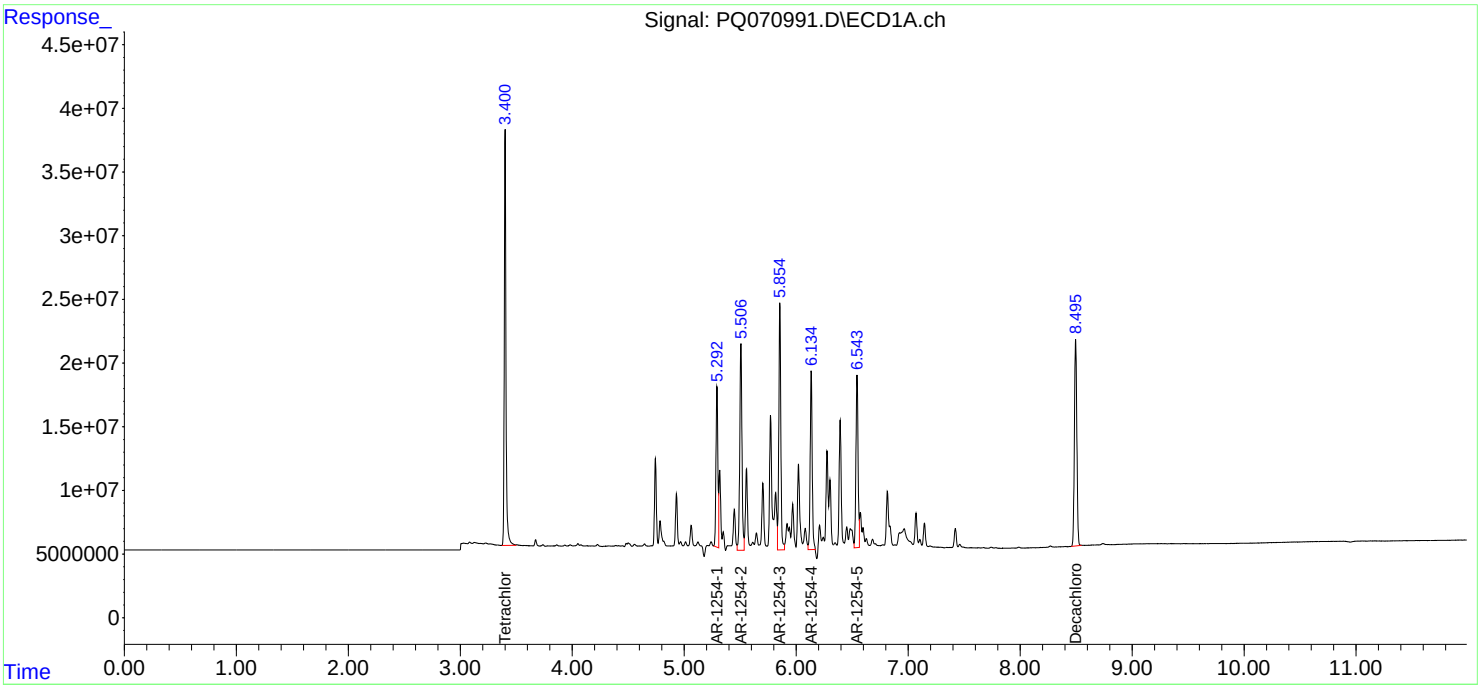
ICAL Form

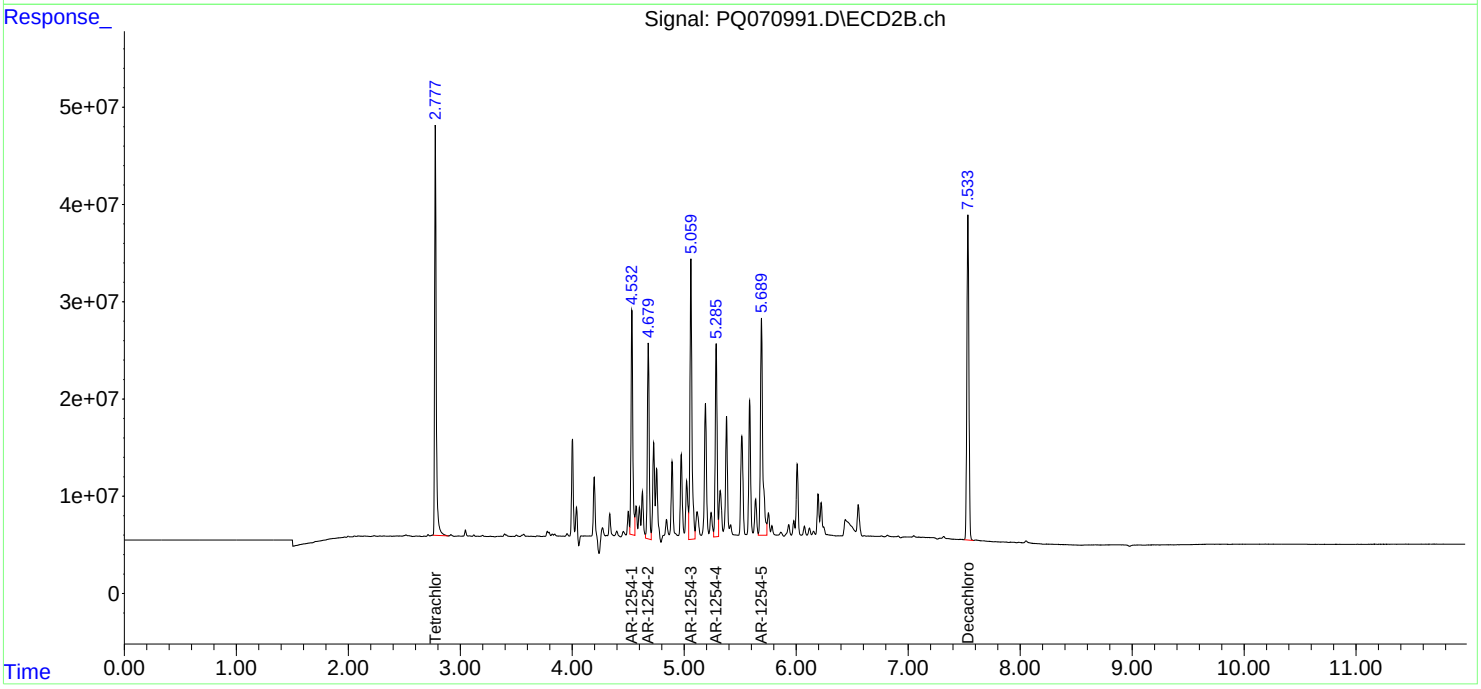
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:19
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

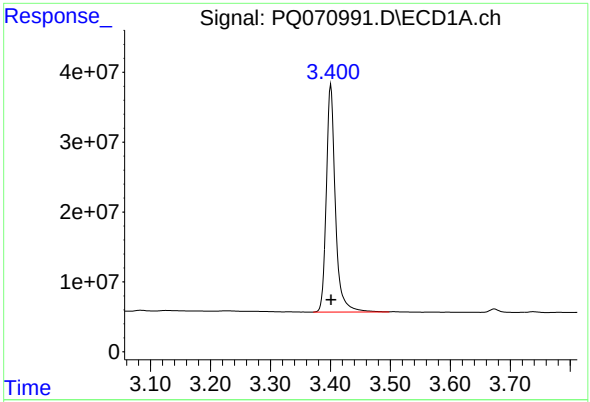
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:59:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



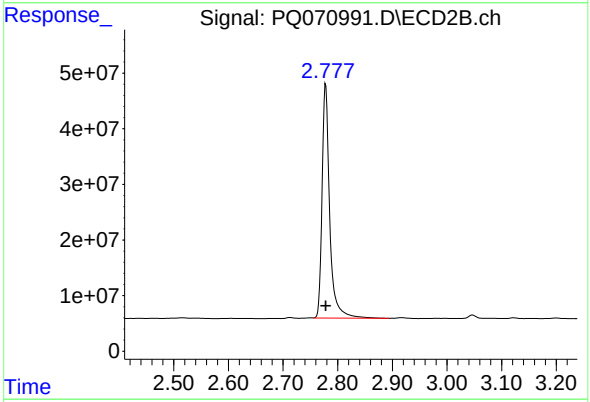




#1 Tetrachloro-m-xylene

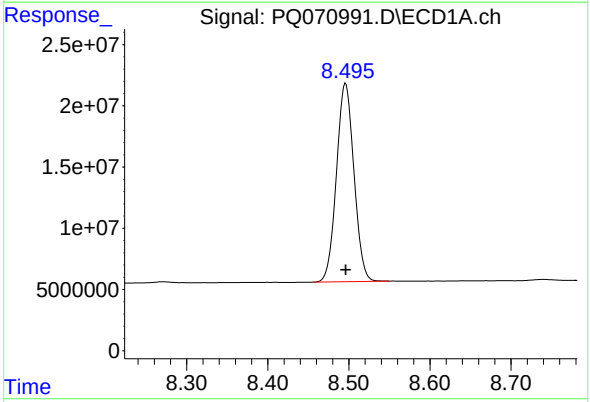
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 343803158
Conc: 75.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



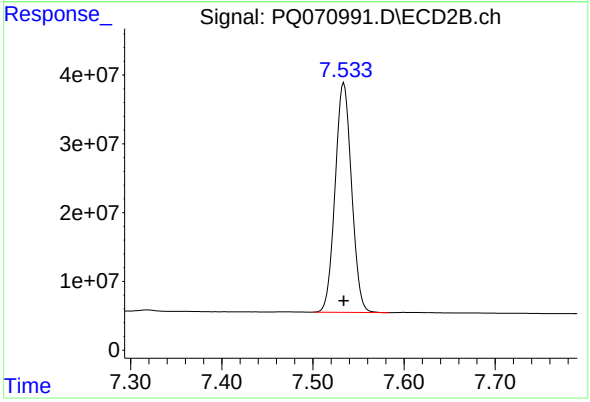
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 408857170
Conc: 75.49 ng/ml



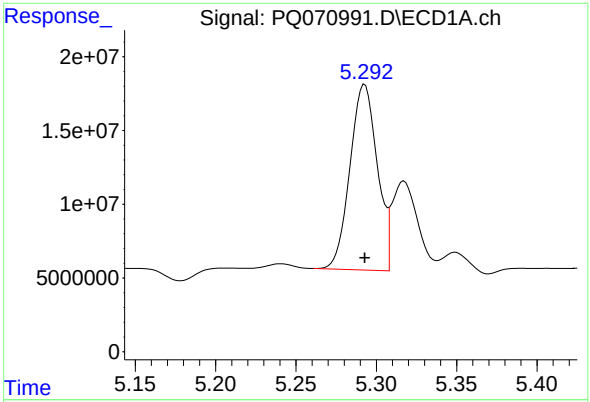
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 242779345
Conc: 75.29 ng/ml



#2 Decachlorobiphenyl

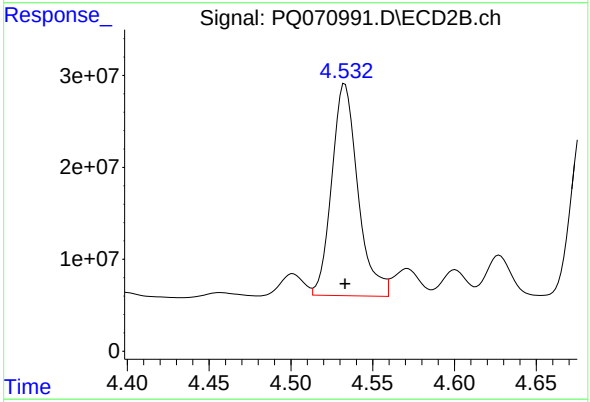
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 418279983
Conc: 75.34 ng/ml



#26 AR-1254-1

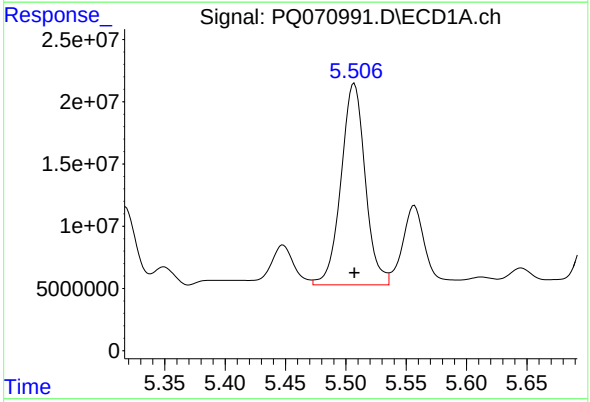
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 148659073
Conc: 762.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



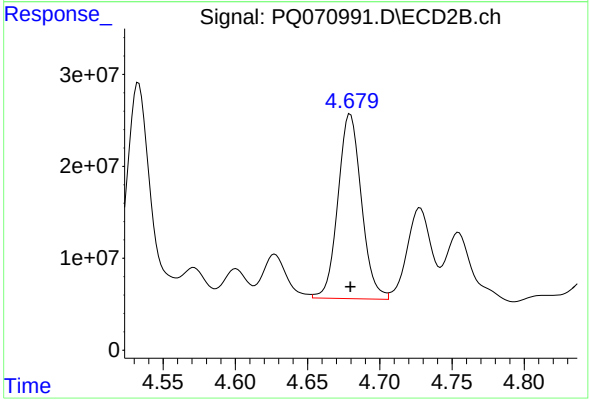
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 255973065
Conc: 758.14 ng/ml



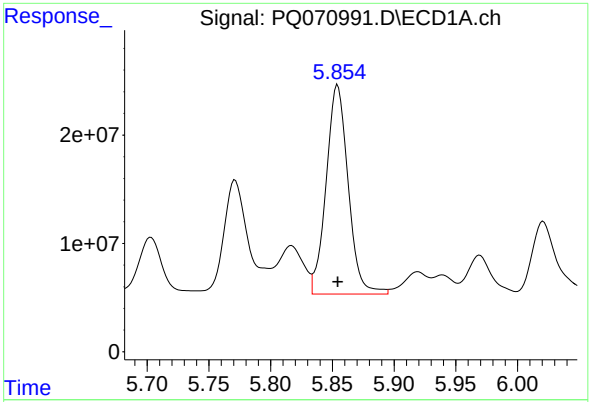
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 225893559
Conc: 775.19 ng/ml



#27 AR-1254-2

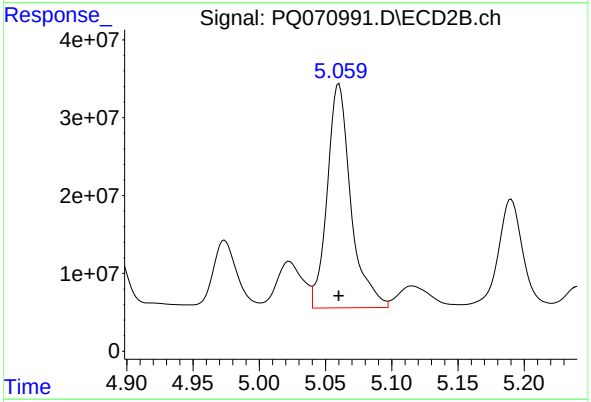
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 226752135
Conc: 763.50 ng/ml



#28 AR-1254-3

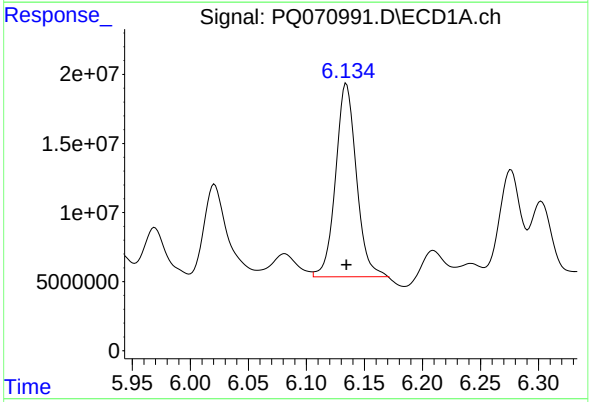
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 240102864
Conc: 771.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



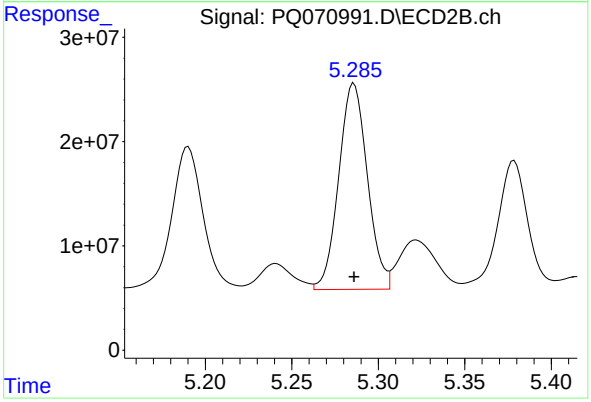
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 358158828
Conc: 757.73 ng/ml



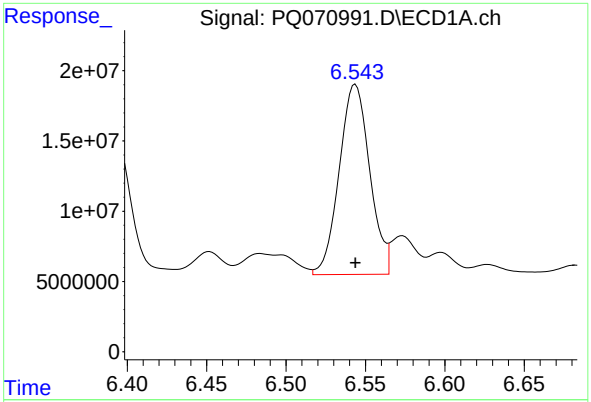
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 174485728
Conc: 775.40 ng/ml



#29 AR-1254-4

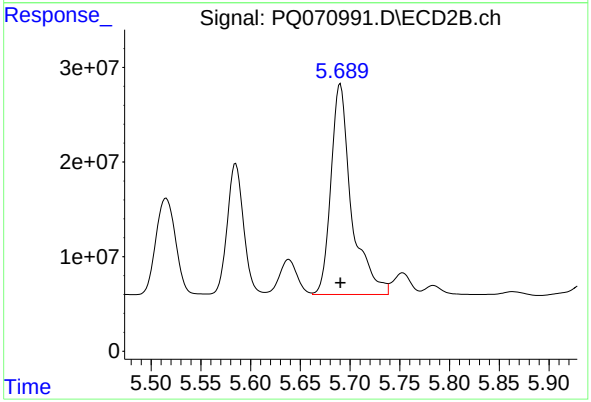
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 227279383
Conc: 755.02 ng/ml



#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 180828718
Conc: 761.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 320309594
Conc: 748.36 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:33
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:49:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:49:02 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...	3.400	2.778	230.2E6	274.2E6	50.000	50.000
2)	SA Decachlor...	8.497	7.534	165.0E6	285.8E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.293	4.532	100.2E6	172.8E6	500.000	500.000
27)	L6 AR-1254-2	5.507	4.680	150.3E6	152.4E6	500.000	500.000
28)	L6 AR-1254-3	5.855	5.060	159.3E6	242.3E6	500.000	500.000
29)	L6 AR-1254-4	6.136	5.286	114.9E6	154.3E6	500.000	500.000
30)	L6 AR-1254-5	6.543	5.689	121.3E6	219.7E6	500.000	500.000

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

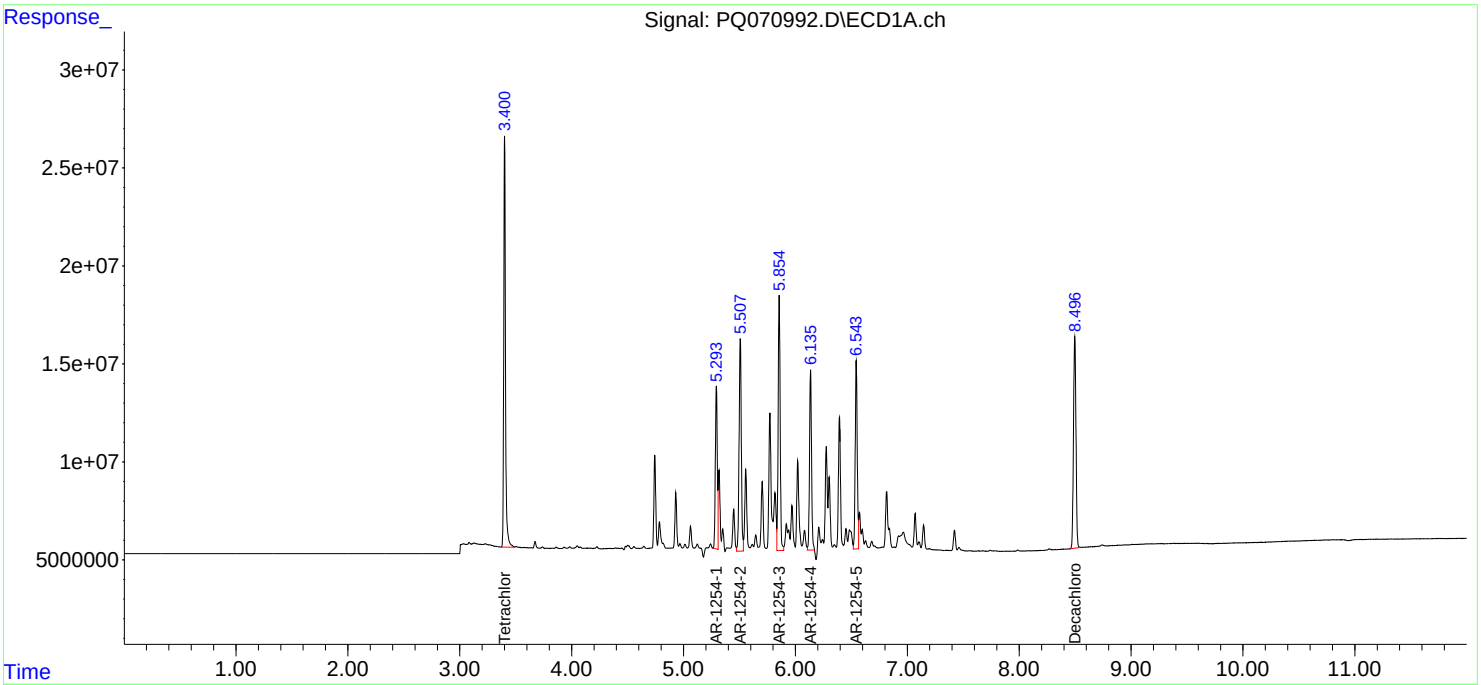
ICAL Form

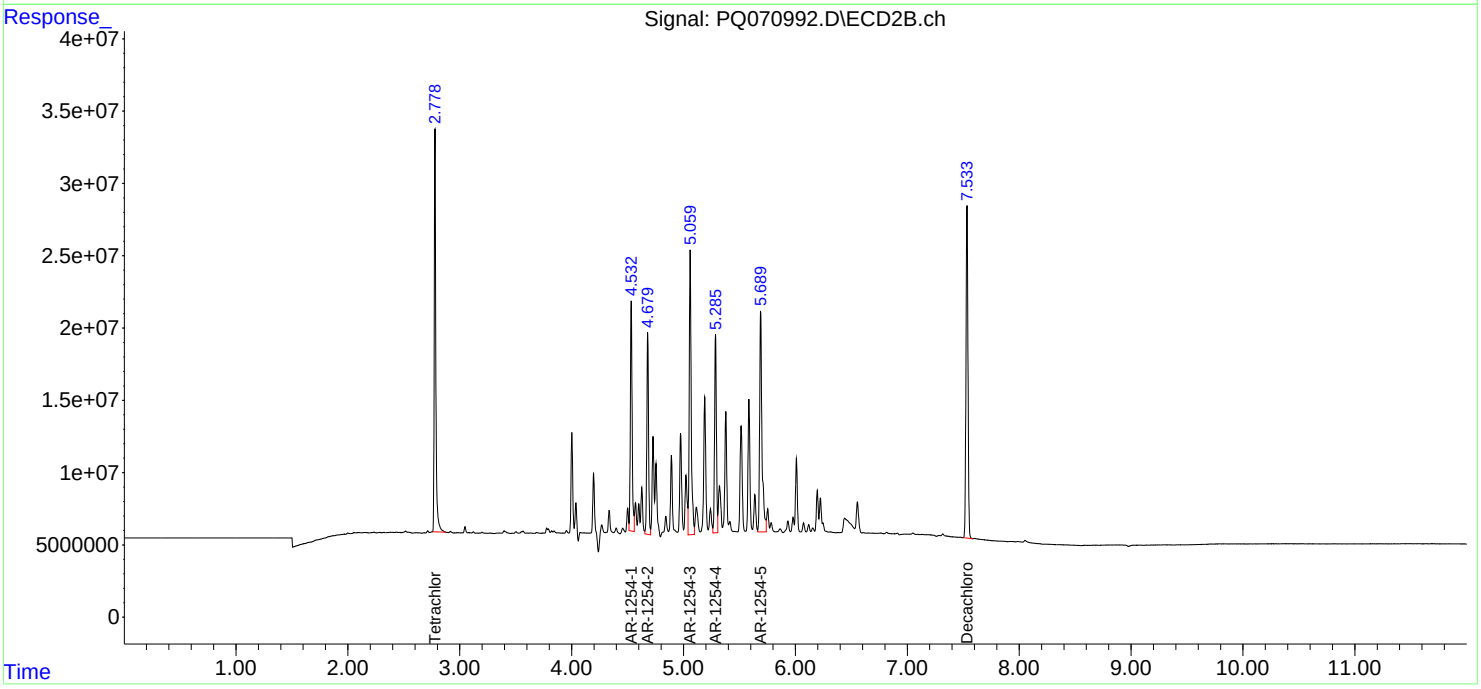
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:33
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

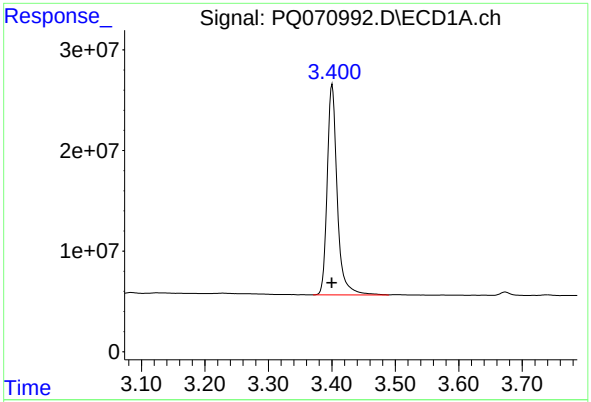
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:49:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:49:02 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



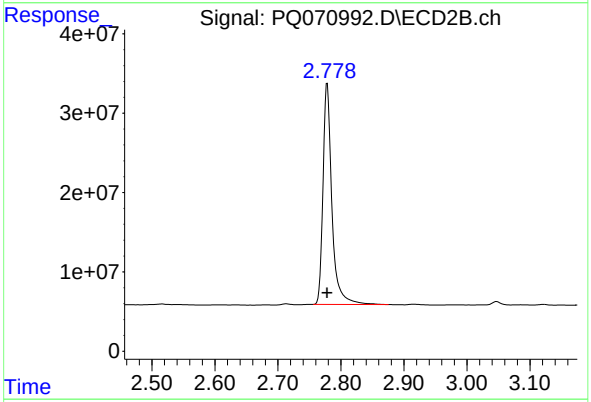




#1 Tetrachloro-m-xylene

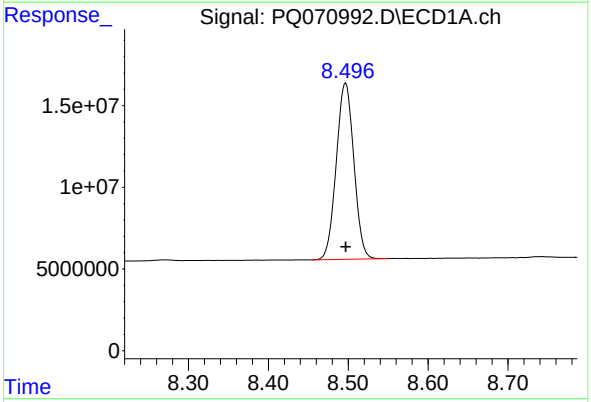
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 230224891
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



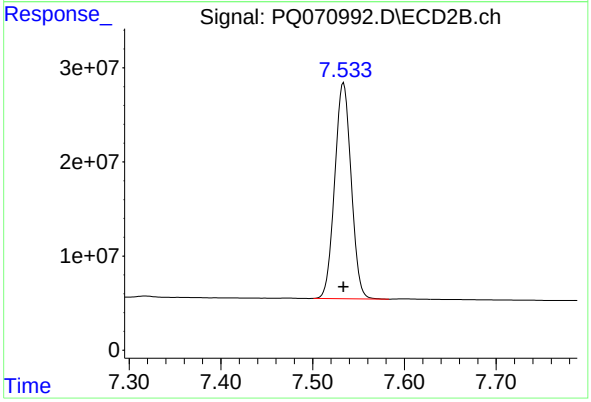
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 274224468
Conc: 50.00 ng/ml



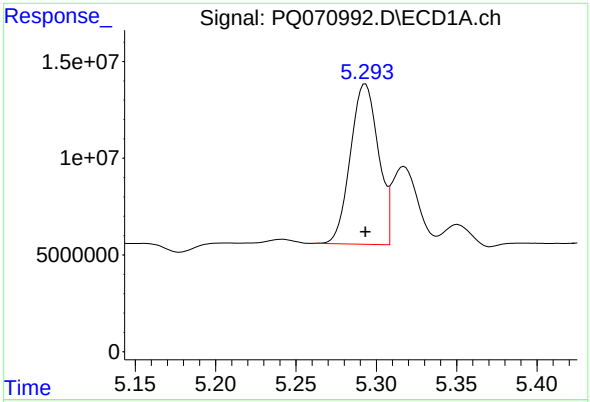
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 165005727
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

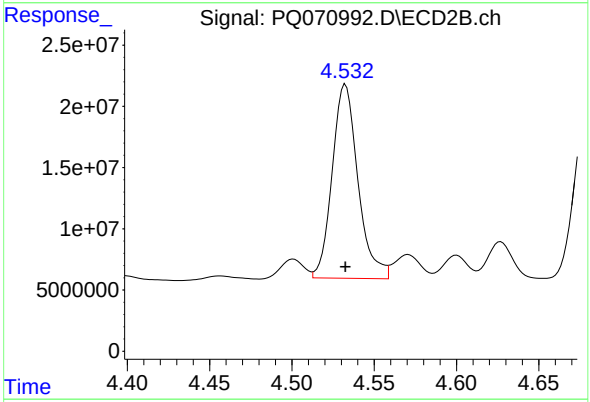
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 285844731
Conc: 50.00 ng/ml



#26 AR-1254-1

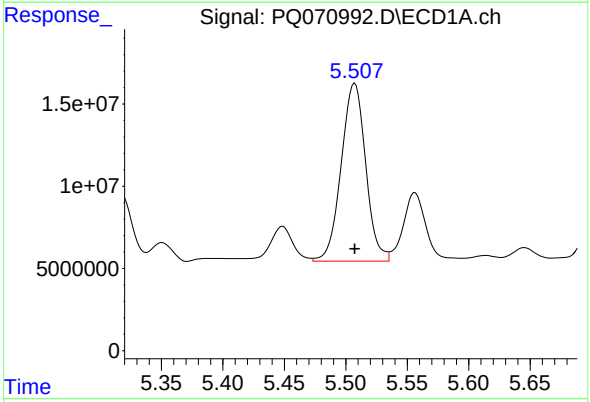
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 100154125
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



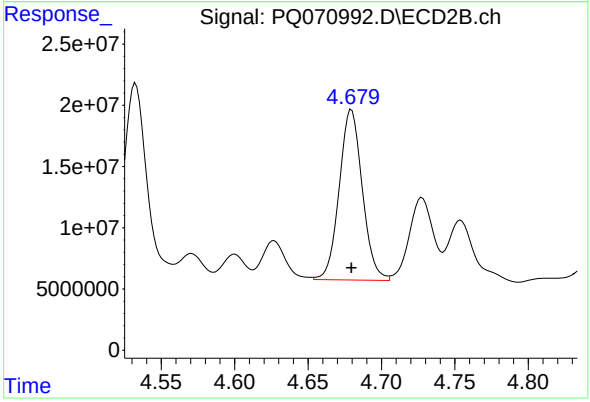
#26 AR-1254-1

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 172752640
Conc: 500.00 ng/ml



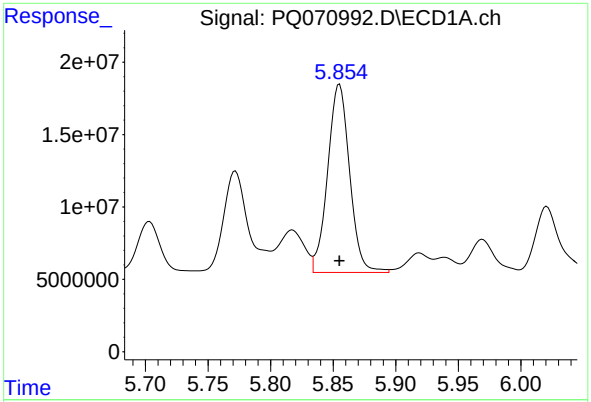
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 150279116
Conc: 500.00 ng/ml



#27 AR-1254-2

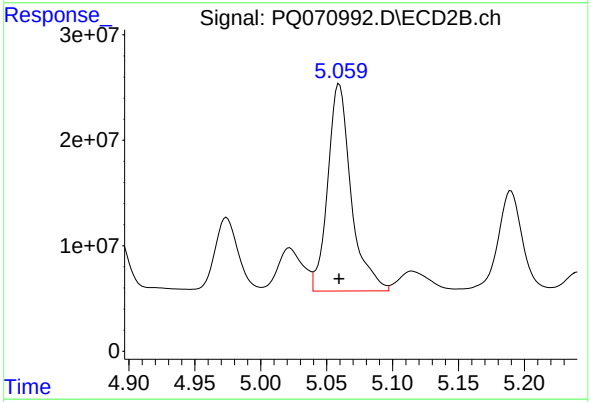
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 152424780
Conc: 500.00 ng/ml



#28 AR-1254-3

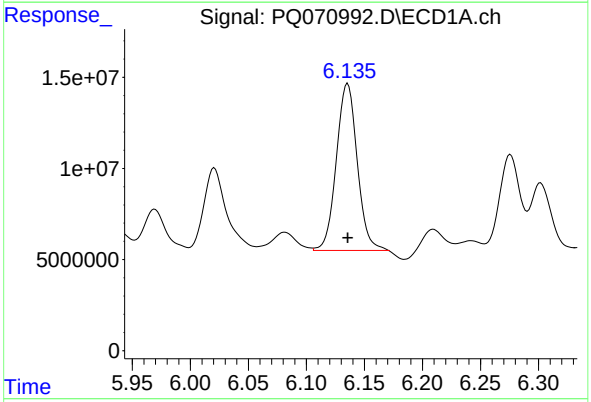
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 159265361
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



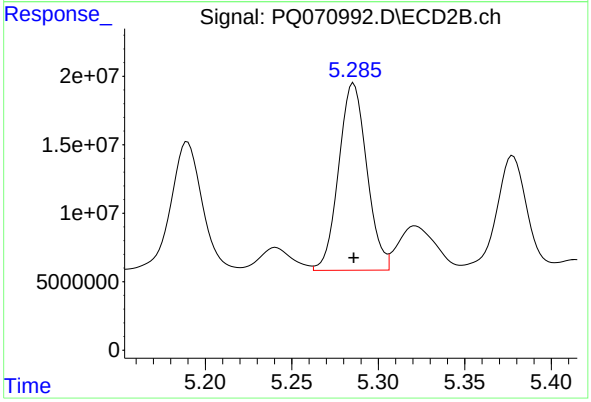
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 242313593
Conc: 500.00 ng/ml



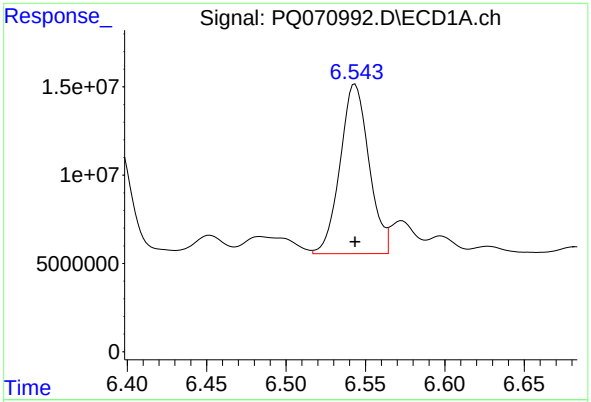
#29 AR-1254-4

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 114899065
Conc: 500.00 ng/ml



#29 AR-1254-4

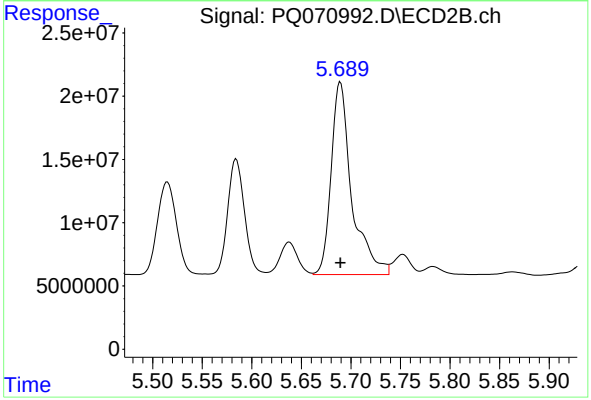
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 154289356
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 121288407
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 219747553
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:48
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:02:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.778	115.6E6	138.1E6	25.327	25.369
2)	SA Decachlor...	8.497	7.534	85811055	149.3E6	26.191	26.396
	Target Compounds						
26)	L6 AR-1254-1	5.293	4.533	55605487	94496803	275.527	271.759
27)	L6 AR-1254-2	5.507	4.679	79670910	81557409	267.151	268.017
28)	L6 AR-1254-3	5.855	5.060	83776868	125.4E6	264.224	261.310
29)	L6 AR-1254-4	6.135	5.286	59407243	79268444	260.355	259.866
30)	L6 AR-1254-5	6.544	5.690	62353894	113.1E6	259.216	260.512

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

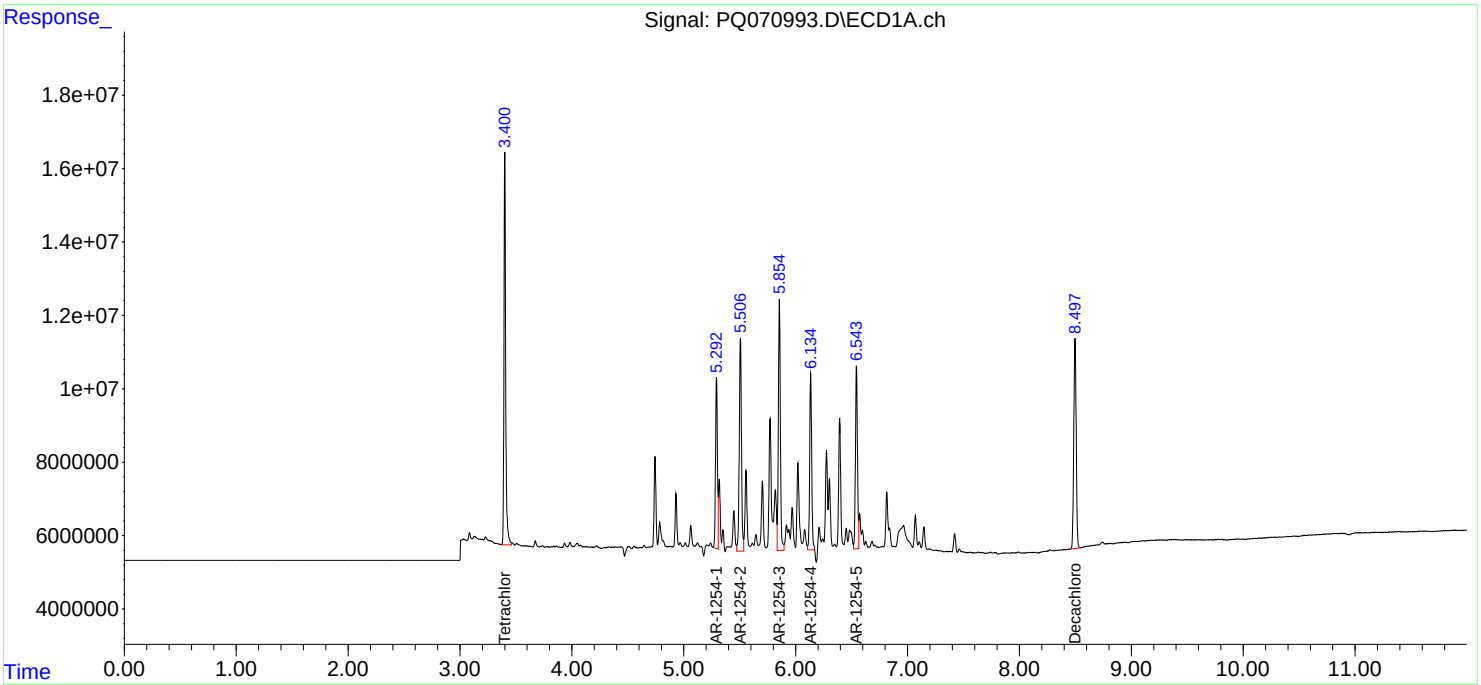
ICAL Form

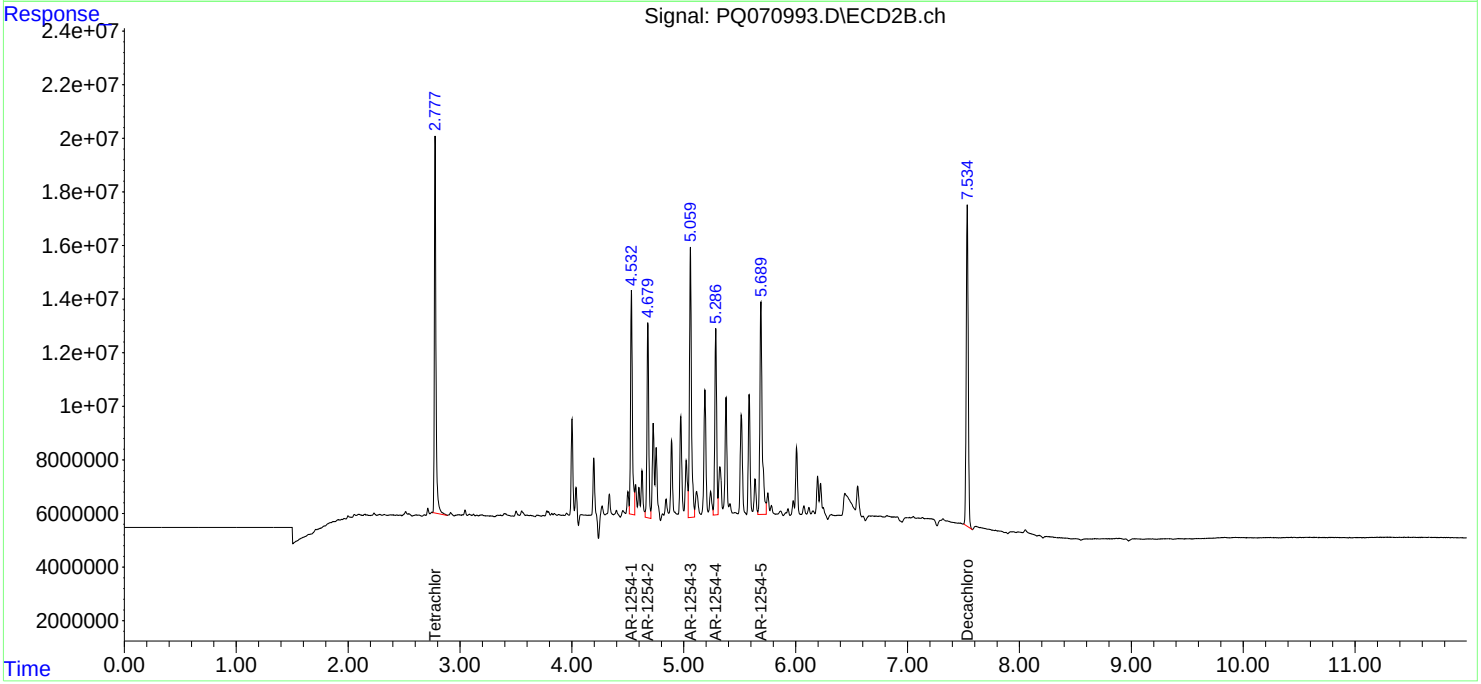
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:48
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

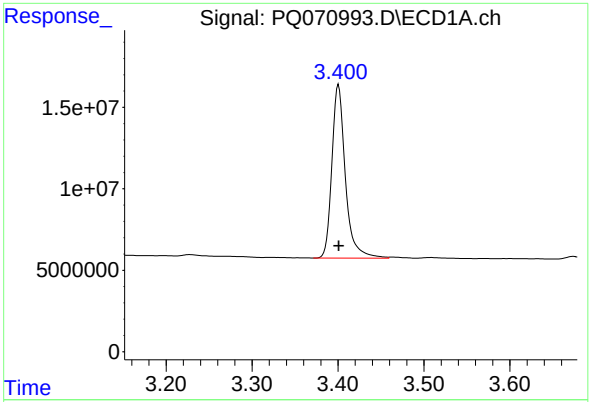
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:02:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



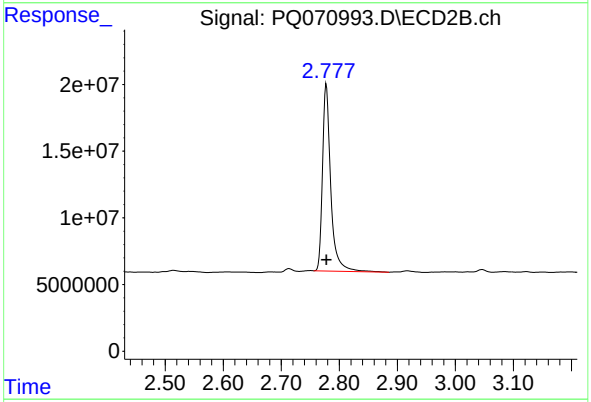




#1 Tetrachloro-m-xylene

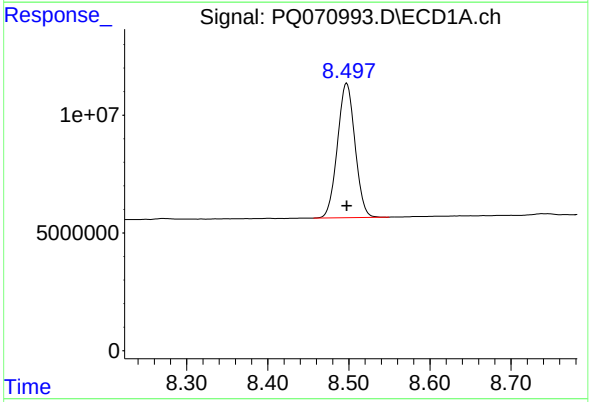
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 115639387
Conc: 25.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



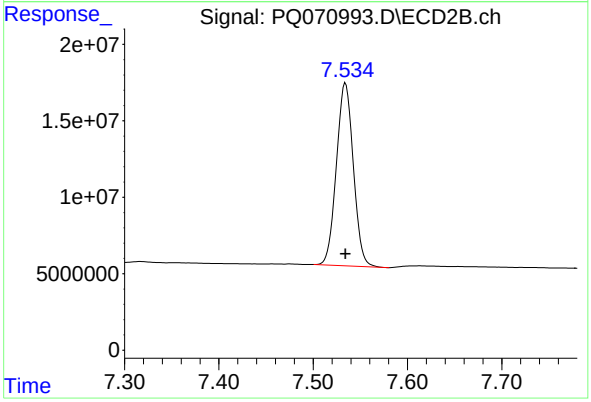
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 138074617
Conc: 25.37 ng/ml



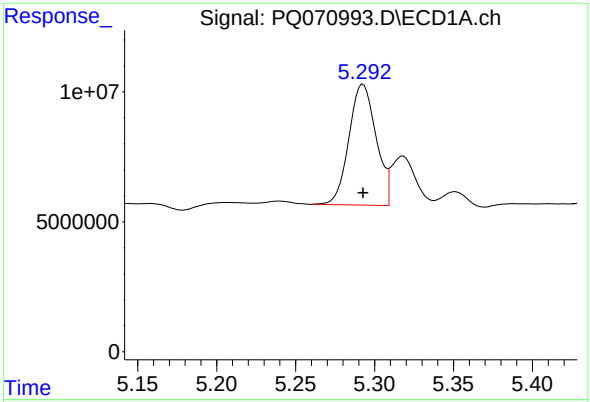
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 85811055
Conc: 26.19 ng/ml



#2 Decachlorobiphenyl

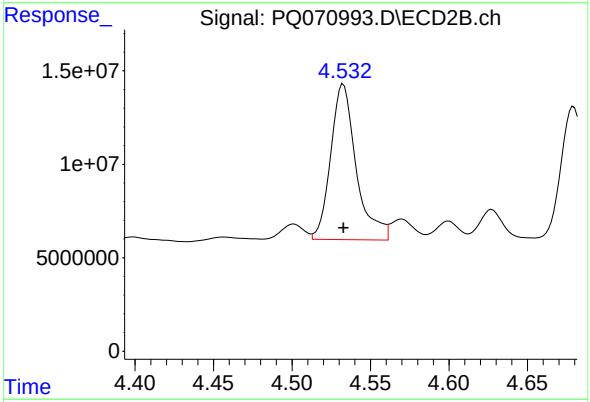
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 149322341
Conc: 26.40 ng/ml



#26 AR-1254-1

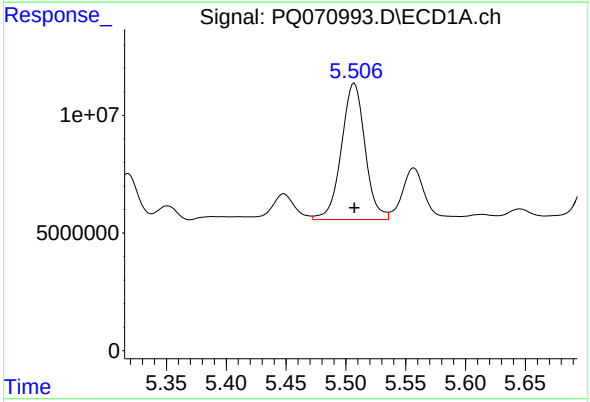
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 55605487
Conc: 275.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



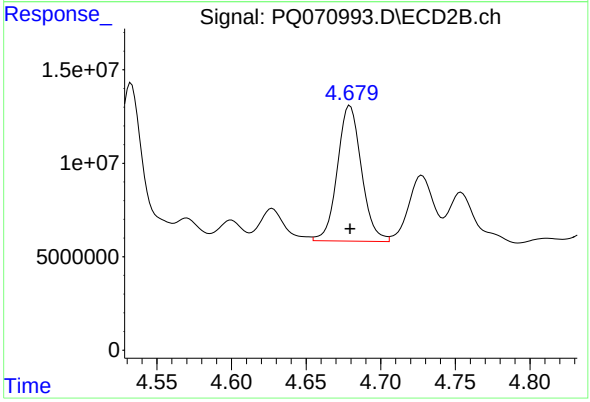
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 94496803
Conc: 271.76 ng/ml



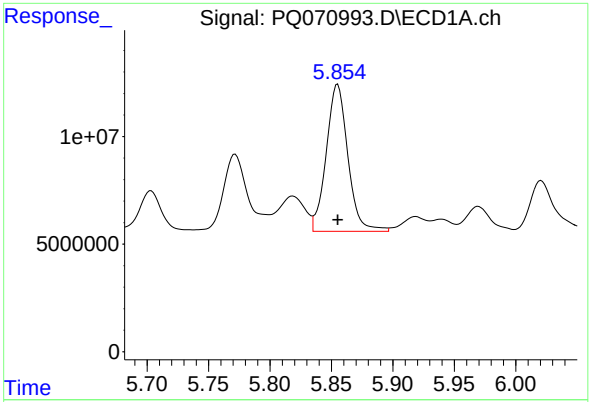
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 79670910
Conc: 267.15 ng/ml



#27 AR-1254-2

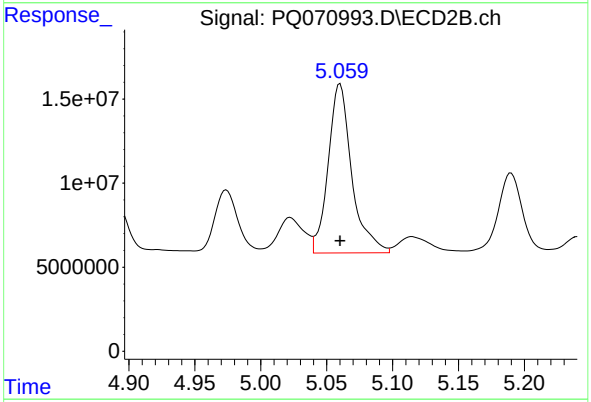
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 81557409
Conc: 268.02 ng/ml



#28 AR-1254-3

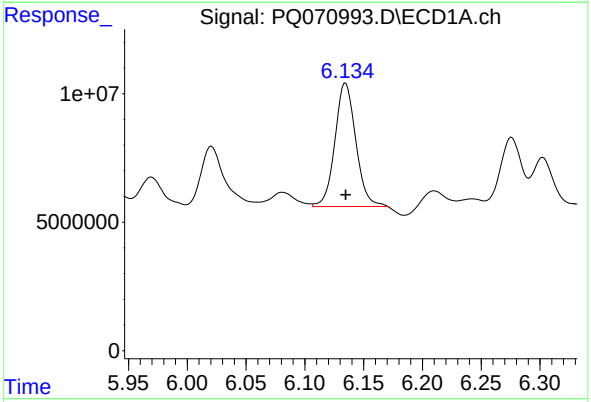
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 83776868
Conc: 264.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



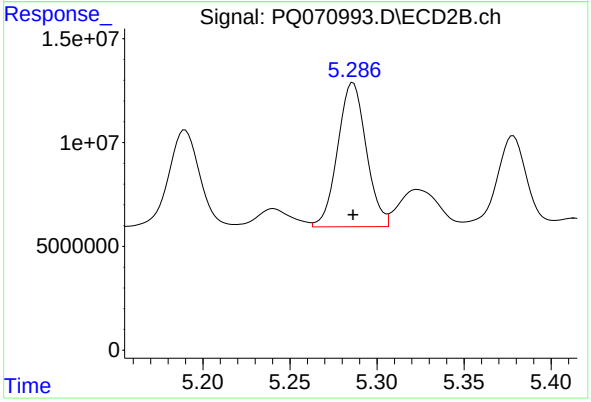
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 125404807
Conc: 261.31 ng/ml



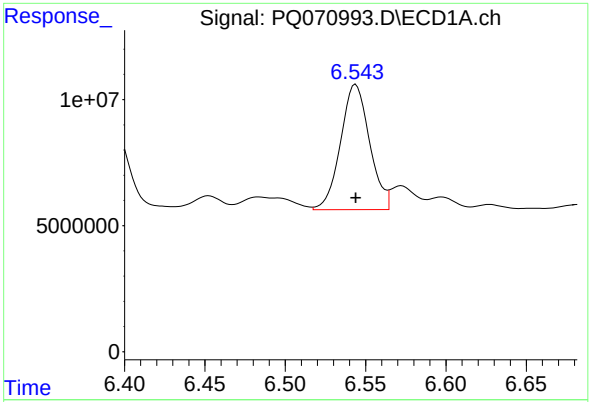
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 59407243
Conc: 260.35 ng/ml



#29 AR-1254-4

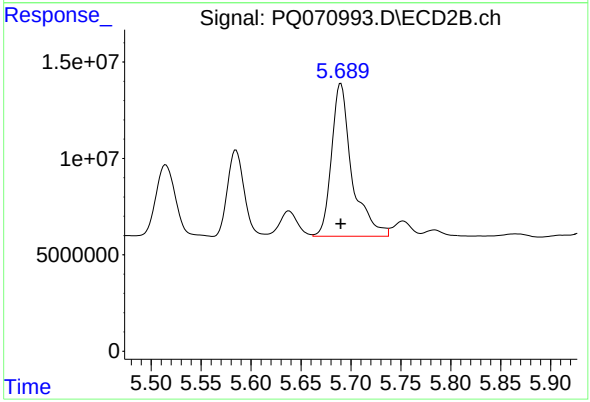
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 79268444
Conc: 259.87 ng/ml



#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 62353894
Conc: 259.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 113088081
Conc: 260.51 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:15
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:31:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:31:02 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...	3.400	2.777	18509464	21190782	4.213	4.074
2)	SA Decachlor...	8.497	7.533	13621454	26282104	4.302	4.713
	Target Compounds						
26)	L6 AR-1254-1	5.294	4.533	8706585	14758492	44.358	43.766
27)	L6 AR-1254-2	5.507	4.679	12975824	13428771	44.670	45.191
28)	L6 AR-1254-3	5.856	5.060	13388451	20784652	43.581	44.501
29)	L6 AR-1254-4	6.135	5.286	9249550	12805792	42.131	43.372
30)	L6 AR-1254-5	6.544	5.690	9864278	18267509	42.538	43.458

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

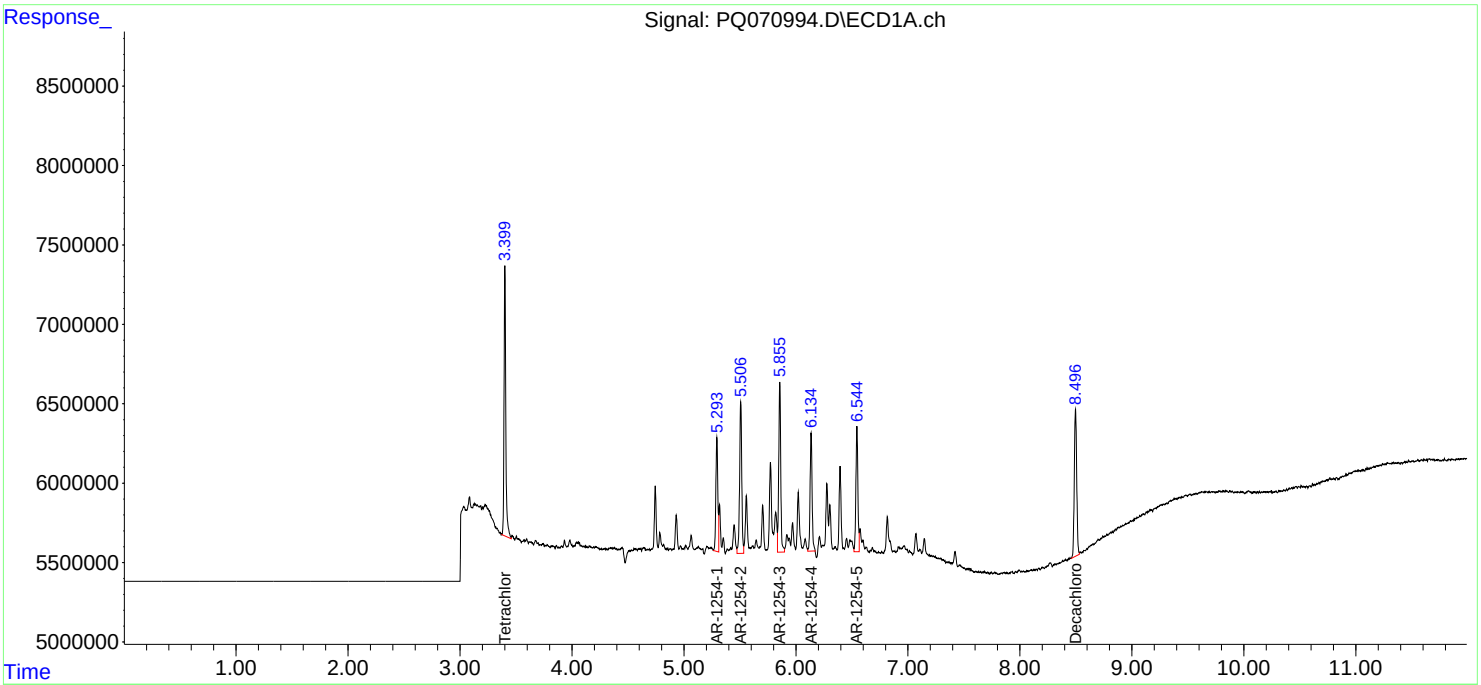
ICAL Form

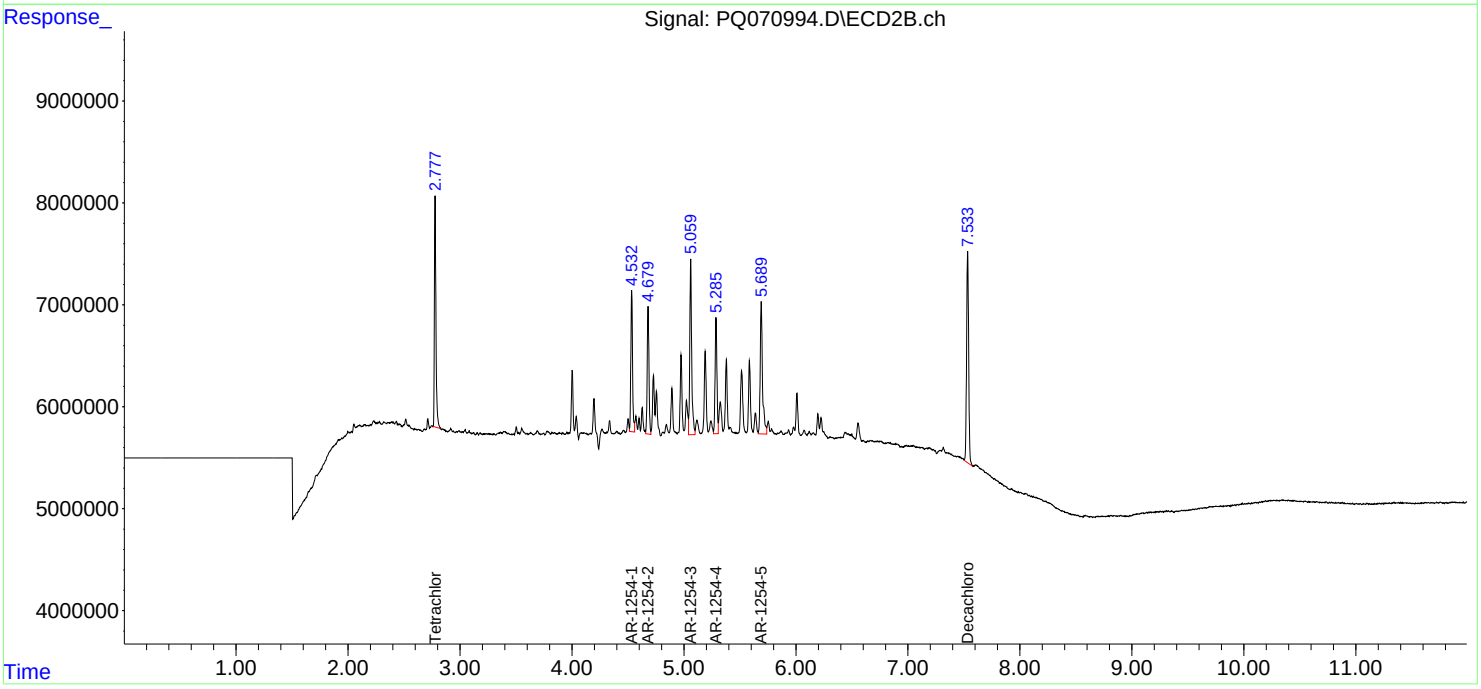
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:15
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

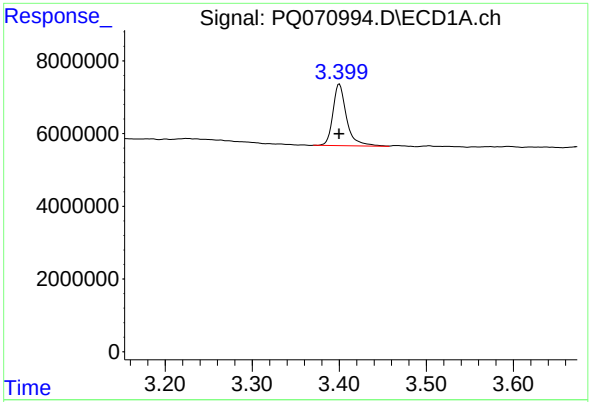
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:31:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:31:02 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



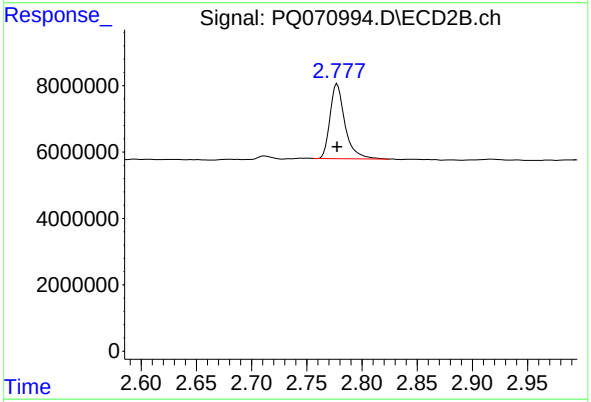




#1 Tetrachloro-m-xylene

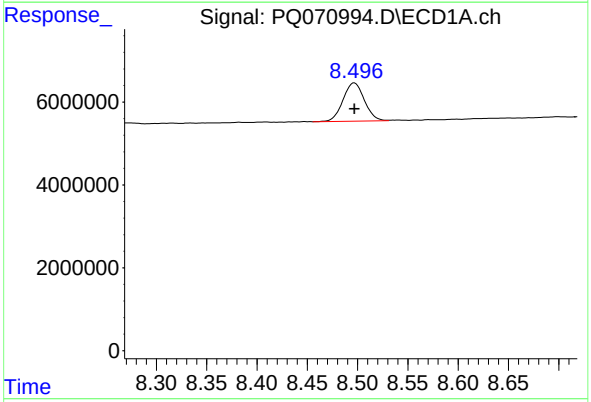
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 18509464
Conc: 4.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



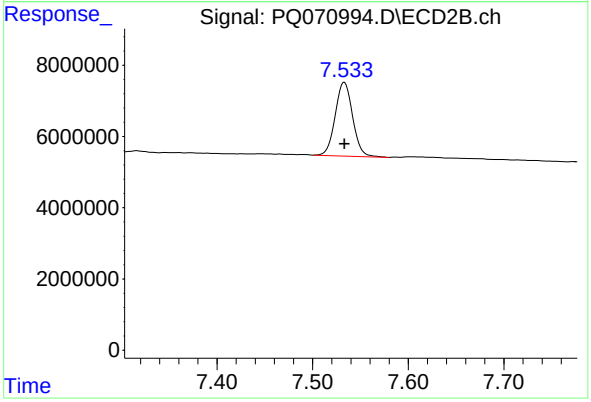
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 21190782
Conc: 4.07 ng/ml



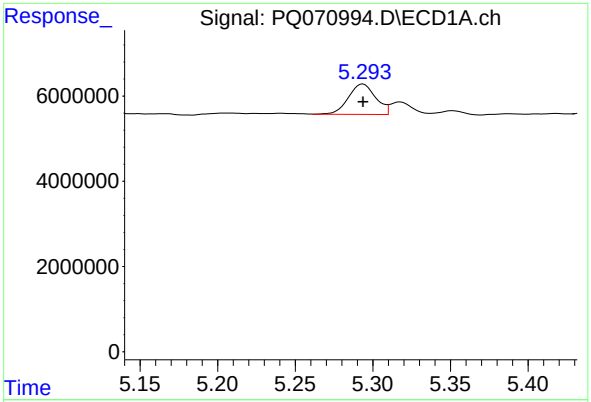
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 13621454
Conc: 4.30 ng/ml



#2 Decachlorobiphenyl

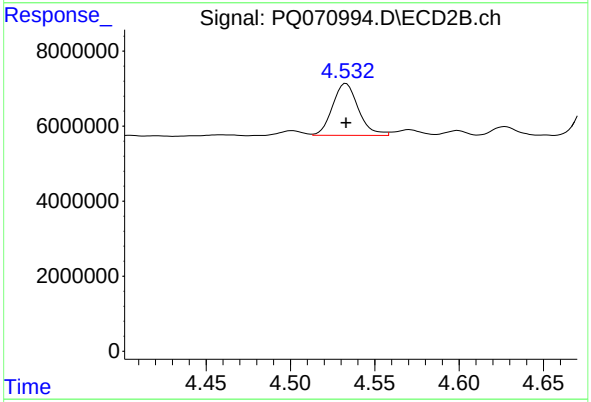
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 26282104
Conc: 4.71 ng/ml



#26 AR-1254-1

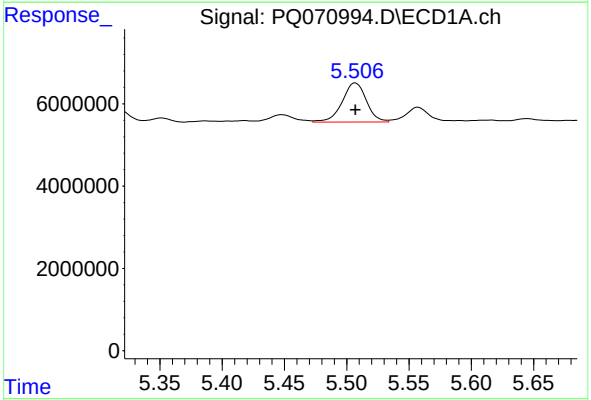
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 8706585
Conc: 44.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



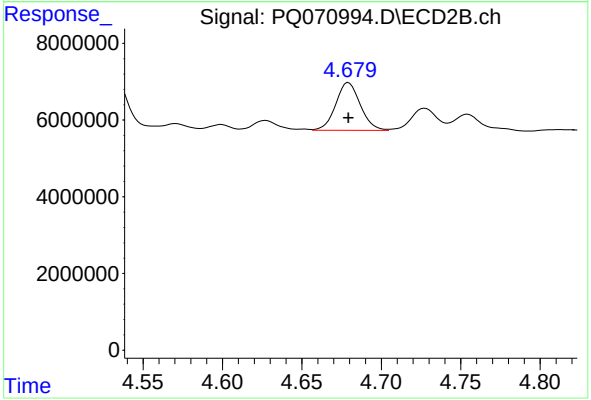
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 14758492
Conc: 43.77 ng/ml



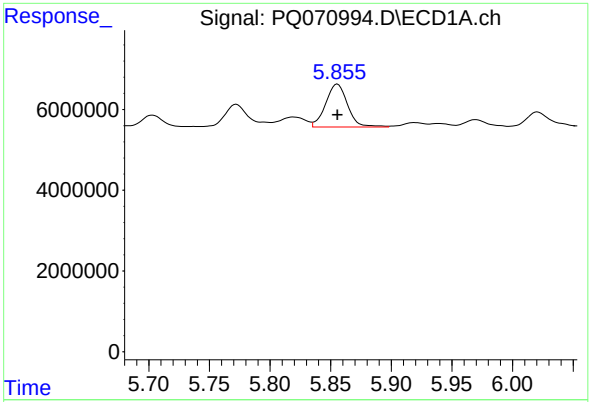
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 12975824
Conc: 44.67 ng/ml



#27 AR-1254-2

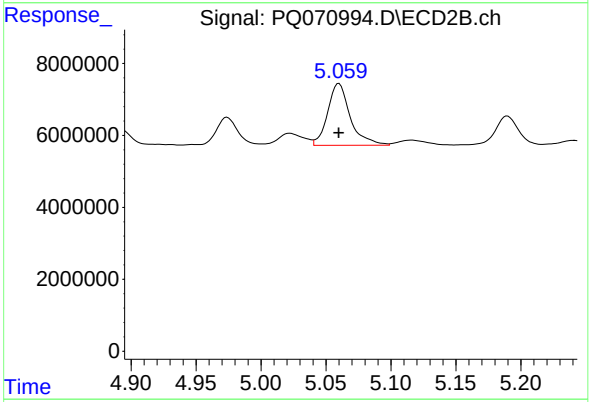
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 13428771
Conc: 45.19 ng/ml



#28 AR-1254-3

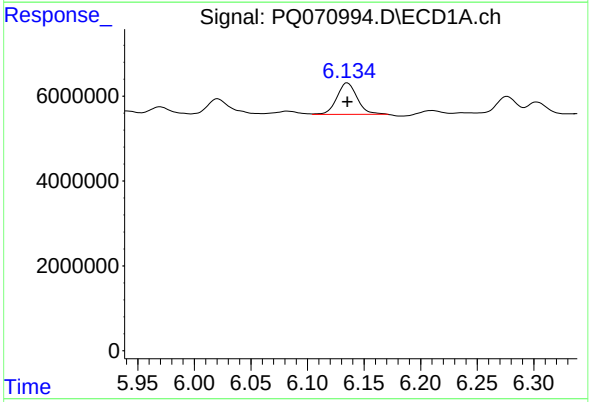
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 13388451
Conc: 43.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



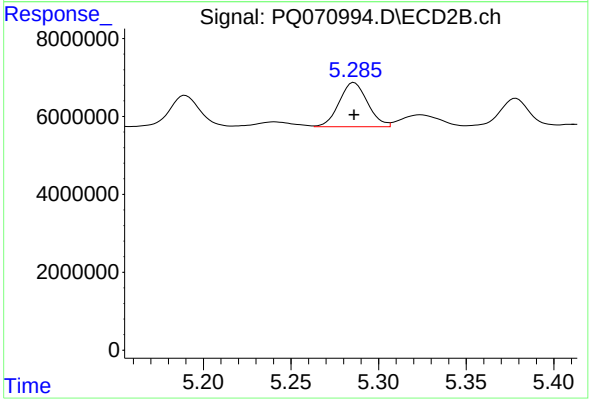
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 20784652
Conc: 44.50 ng/ml



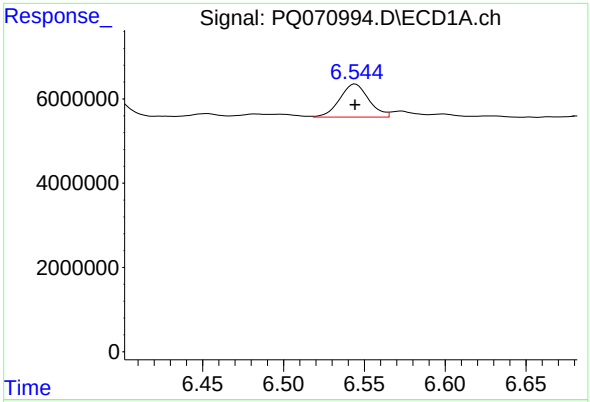
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 9249550
Conc: 42.13 ng/ml



#29 AR-1254-4

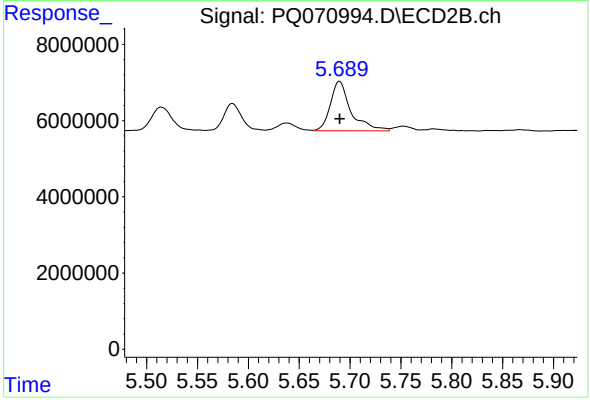
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 12805792
Conc: 43.37 ng/ml



#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 9864278
Conc: 42.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 18267509
Conc: 43.46 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:30
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:45:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:45:32 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...	3.400	2.778	233.7E6	278.1E6	50.000	50.000
2)	SA Decachlor...	8.497	7.533	168.1E6	302.5E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.841	5.733	137.0E6	226.2E6	500.000	500.000
37)	L8 AR-1262-2	7.146	5.979	249.2E6	213.9E6	500.000	500.000
38)	L8 AR-1262-3	7.419	6.500	164.3E6	166.4E6	500.000	500.000
39)	L8 AR-1262-4	7.492	6.561	126.2E6	308.4E6	500.000	500.000
40)	L8 AR-1262-5	7.988	7.051	82174920	151.5E6	500.000	500.000

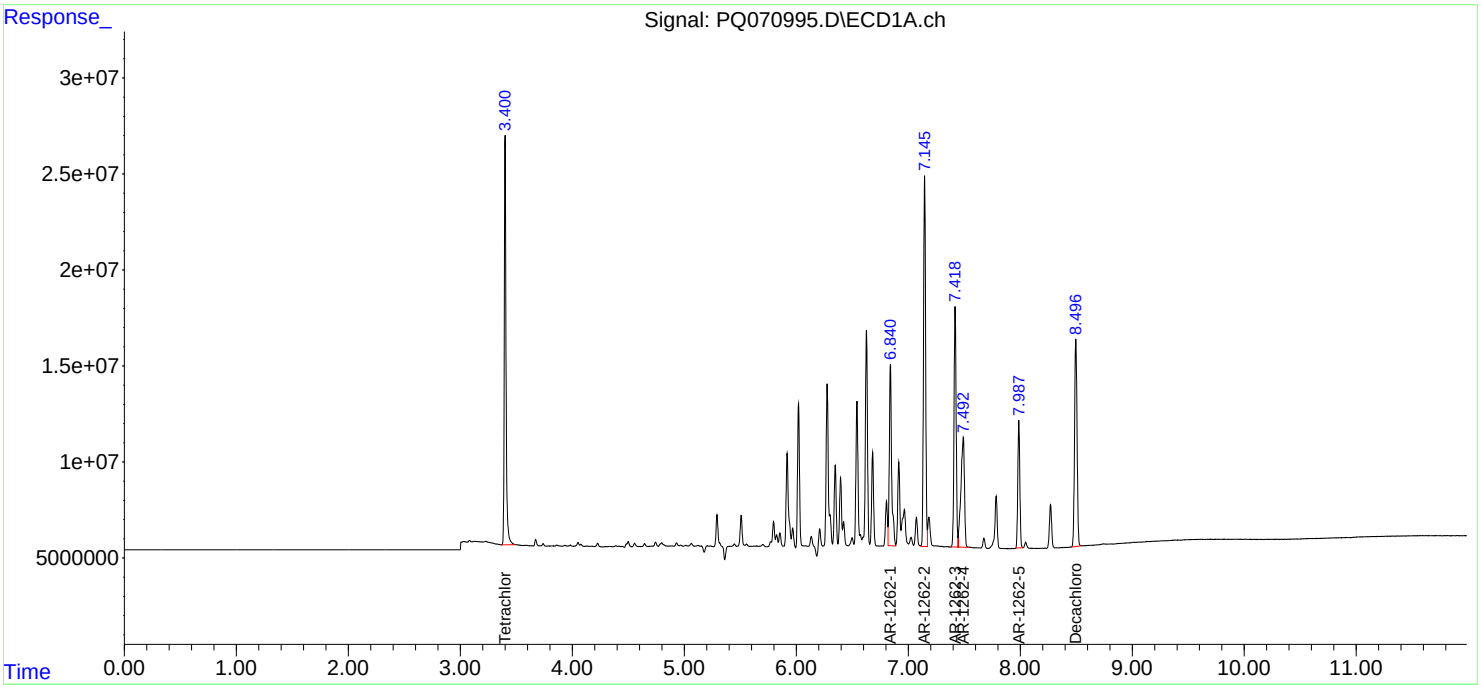
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

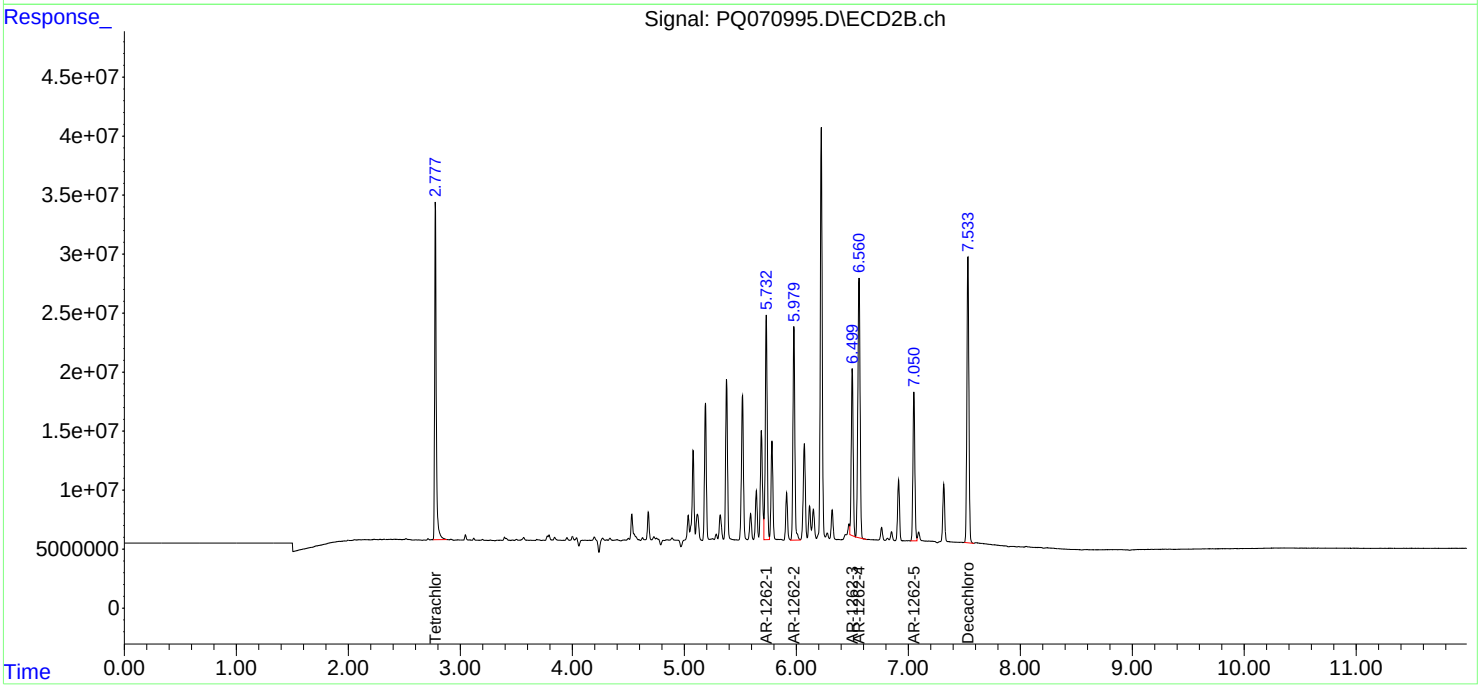
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:30
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

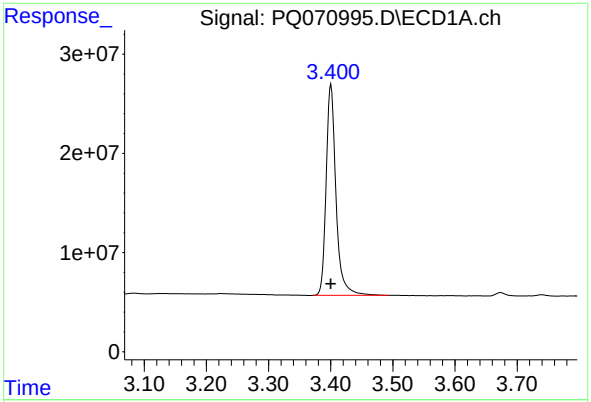
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:45:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:45:32 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



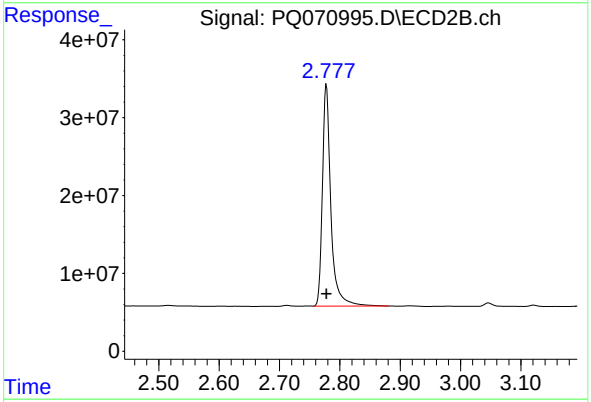




#1 Tetrachloro-m-xylene

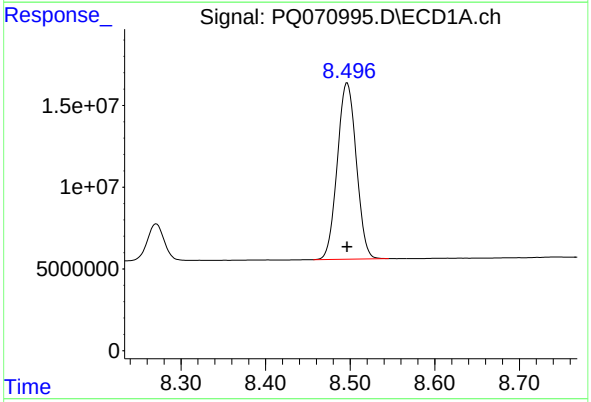
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 233674057
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



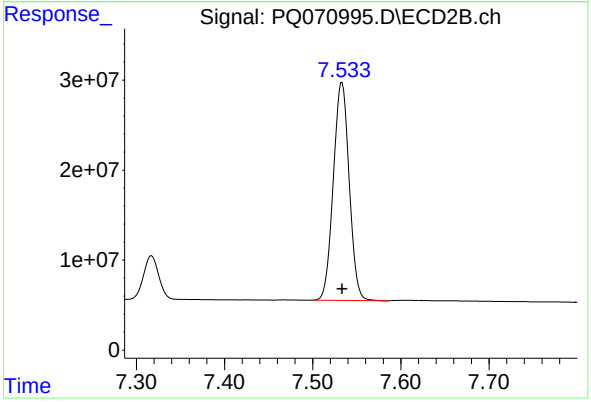
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 278097352
Conc: 50.00 ng/ml



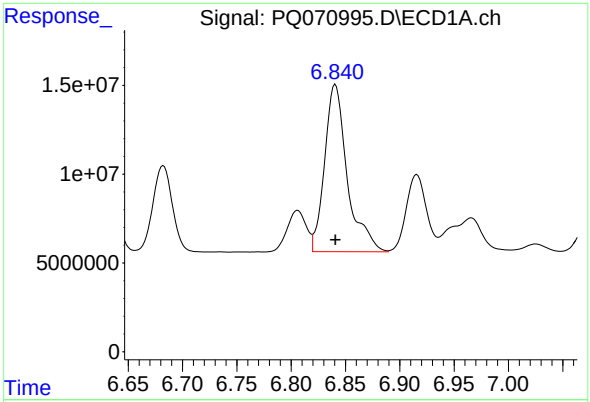
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 168129535
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

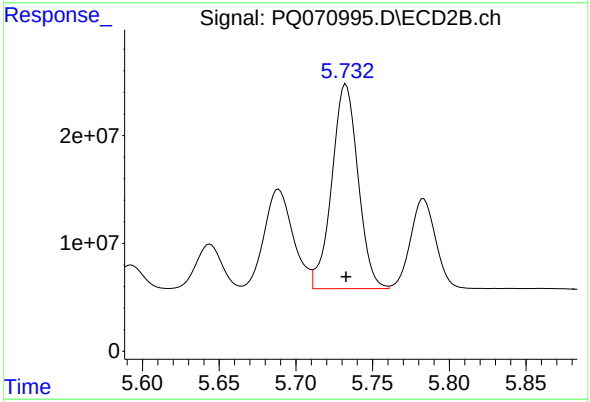
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 302467313
Conc: 50.00 ng/ml



#36 AR-1262-1

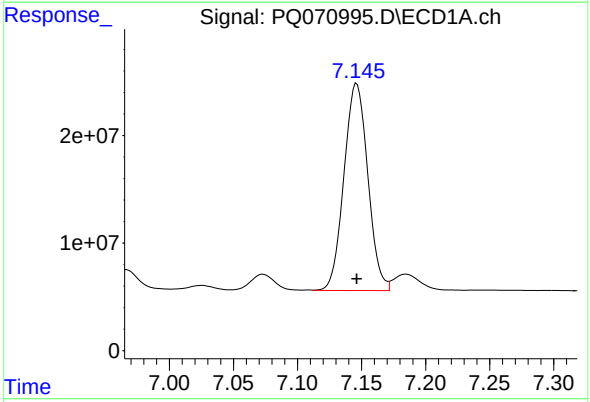
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 137009240
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



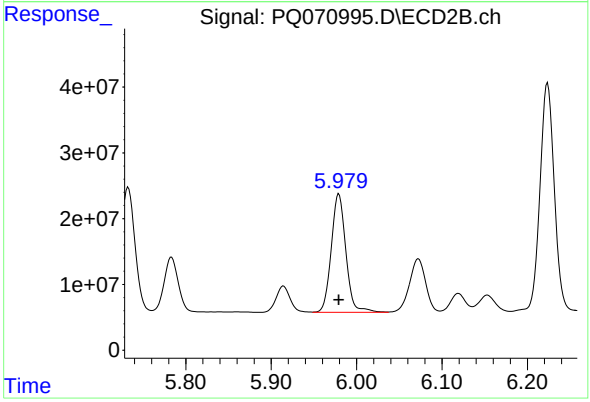
#36 AR-1262-1

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 226243354
Conc: 500.00 ng/ml



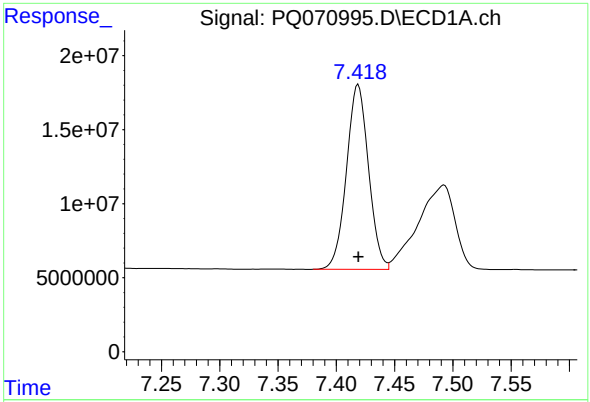
#37 AR-1262-2

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 249238238
Conc: 500.00 ng/ml



#37 AR-1262-2

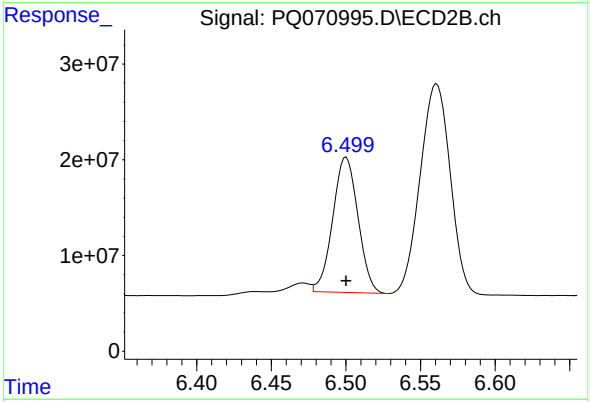
R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 213850677
Conc: 500.00 ng/ml



#38 AR-1262-3

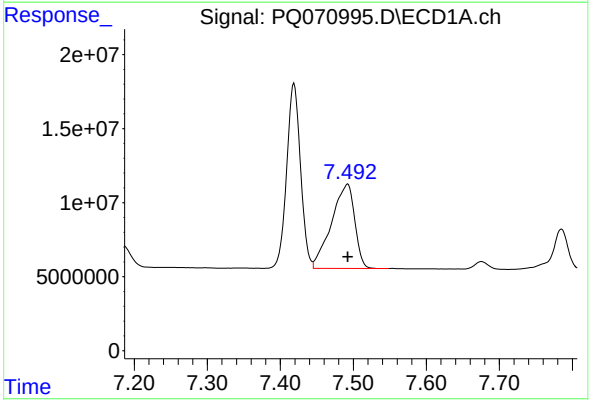
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 164329640
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



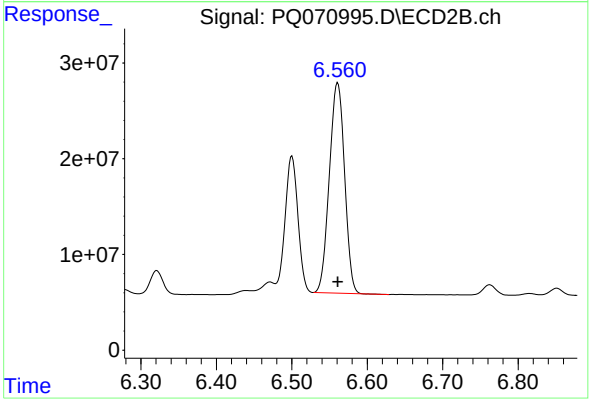
#38 AR-1262-3

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 166353751
Conc: 500.00 ng/ml



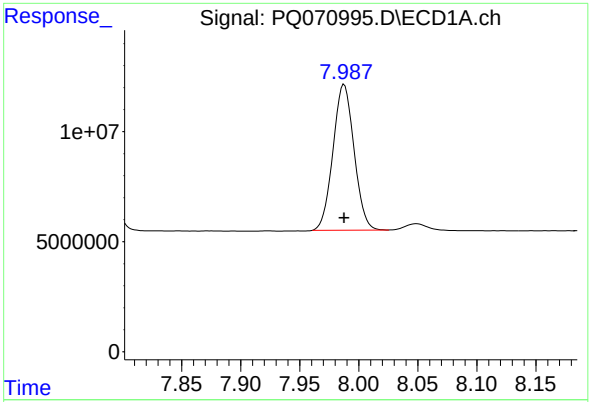
#39 AR-1262-4

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 126169859
Conc: 500.00 ng/ml



#39 AR-1262-4

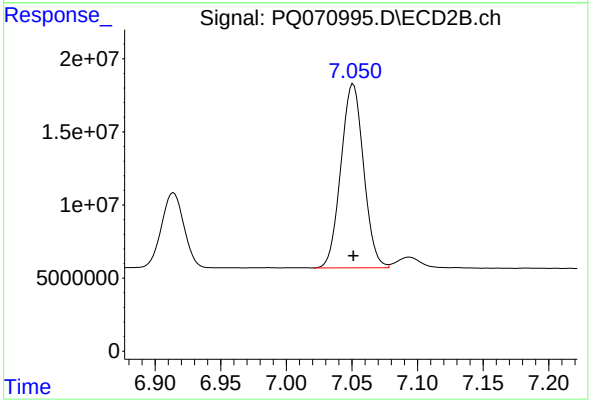
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 308409736
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 82174920
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 151493238
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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...	3.400	2.778	473.5E6	558.2E6	98.121	98.662
2)	SA Decachlor...	8.496	7.533	575.8E6	1040.1E6	97.627	97.468
	Target Compounds						
41)	L9 AR-1268-1	7.418	6.501	555.6E6	931.5E6	975.616	977.850
42)	L9 AR-1268-2	7.494	6.563	510.3E6	858.9E6	977.260	976.287
43)	L9 AR-1268-3	7.676	6.763	416.5E6	746.0E6	976.432	977.977
44)	L9 AR-1268-4	7.988	7.051	179.4E6	330.2E6	972.218	977.102
45)	L9 AR-1268-5	8.271	7.318	1283.2E6	2374.7E6	985.329	987.978

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

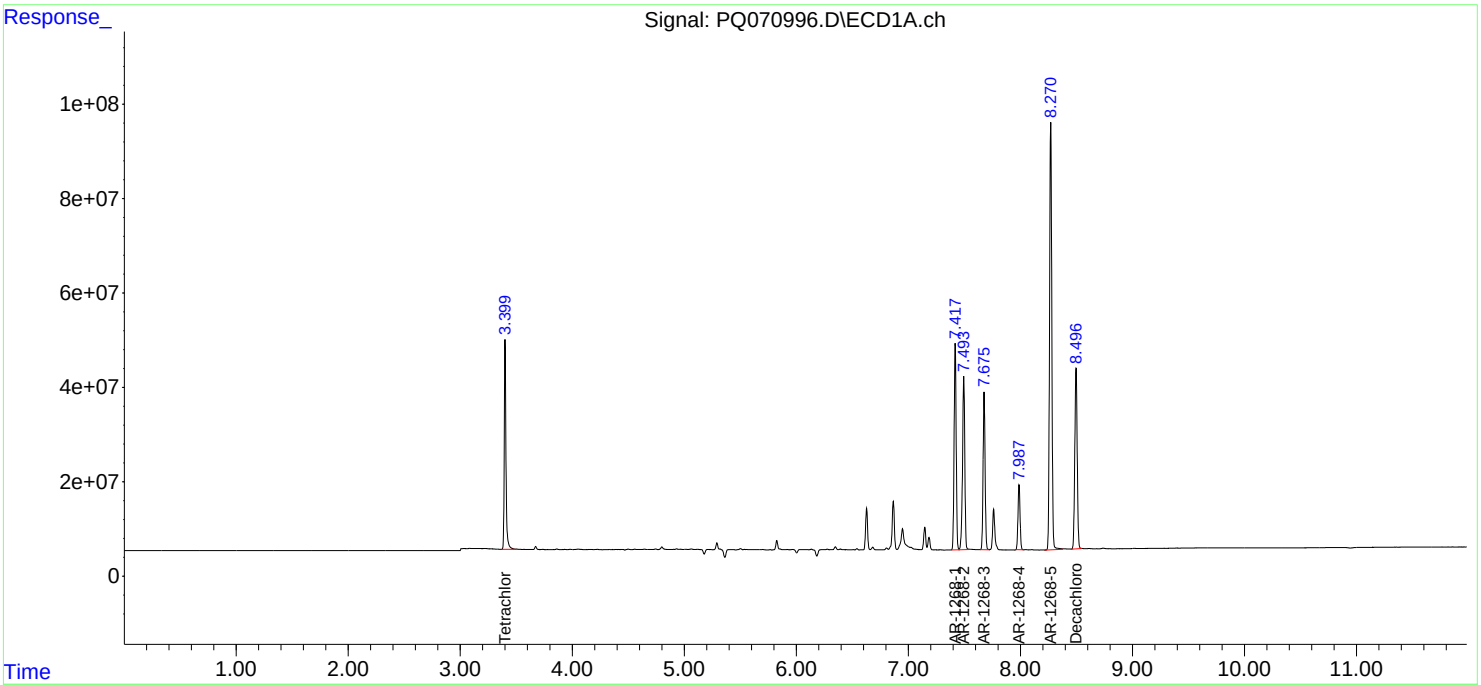
ICAL Form

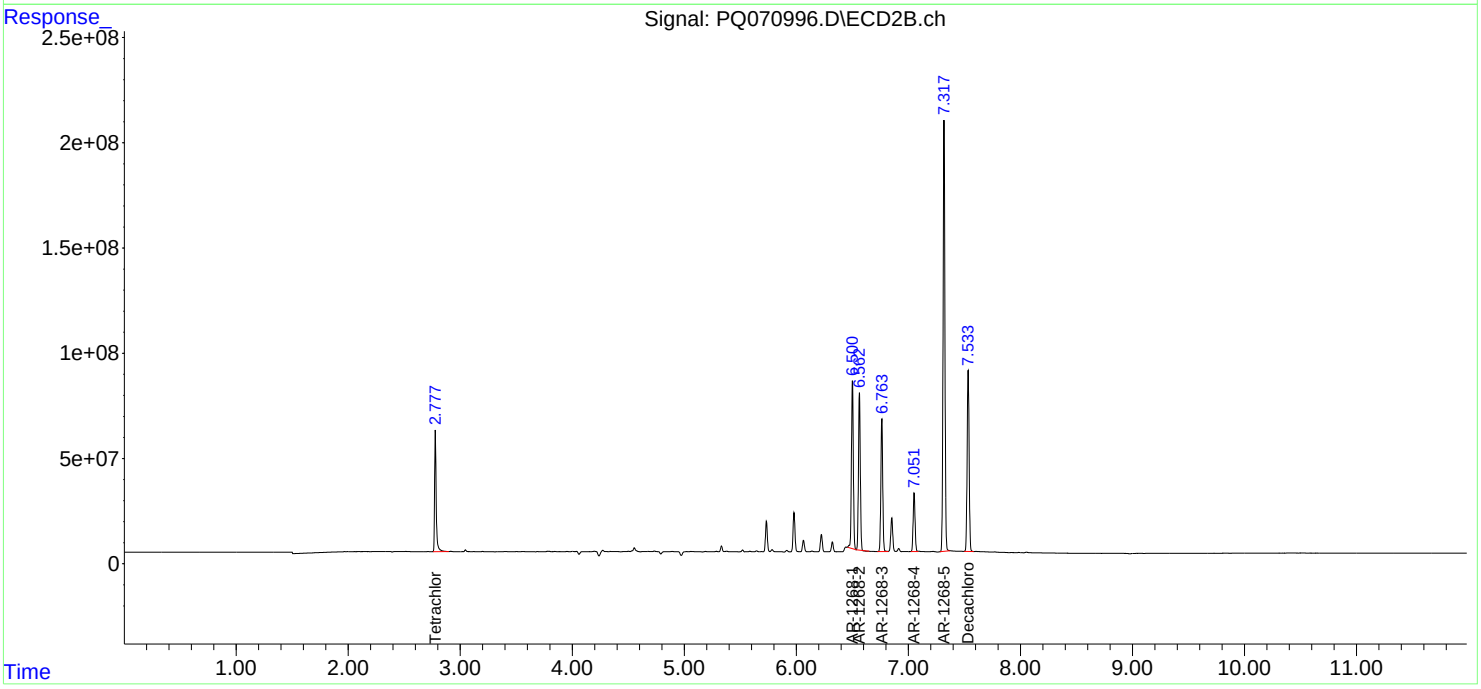
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

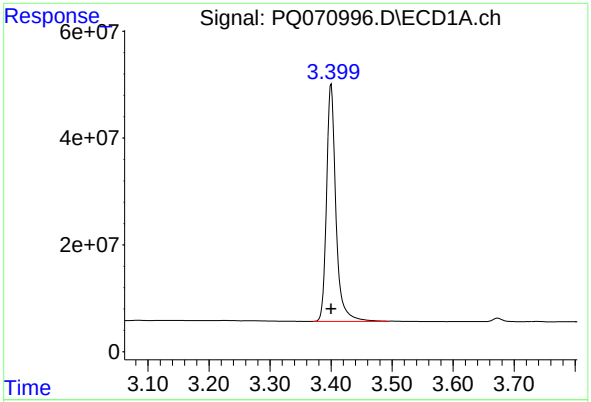
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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



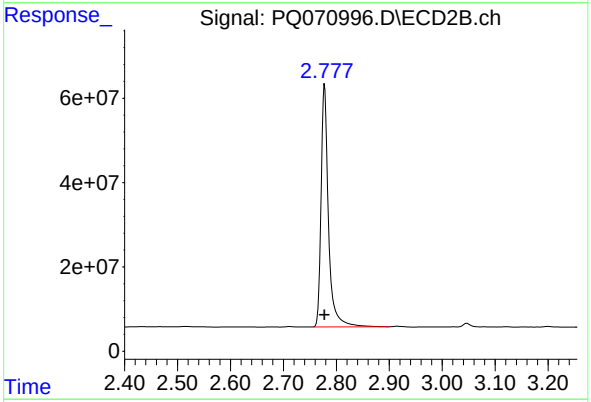




#1 Tetrachloro-m-xylene

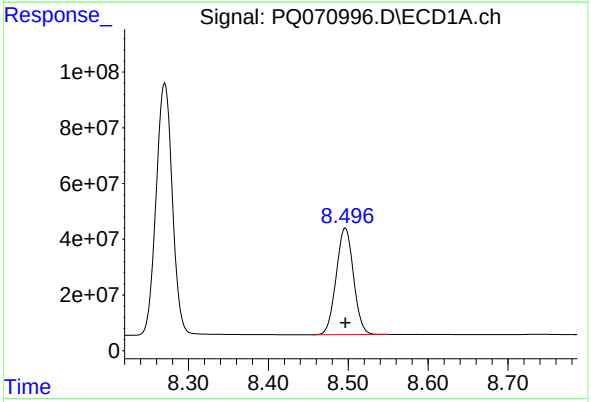
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 473487442
Conc: 98.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



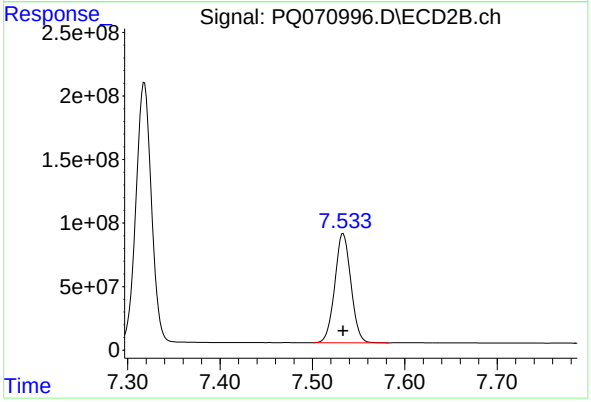
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 558165948
Conc: 98.66 ng/ml



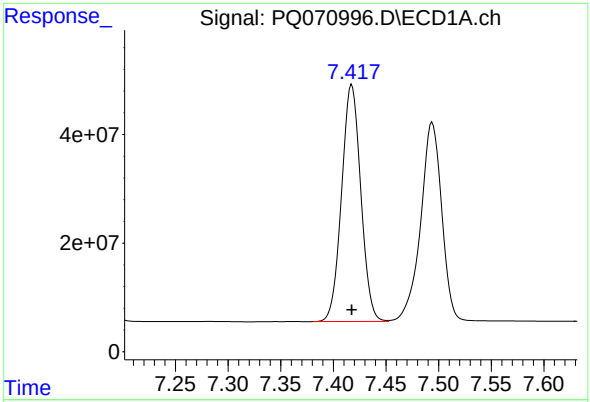
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 575751429
Conc: 97.63 ng/ml



#2 Decachlorobiphenyl

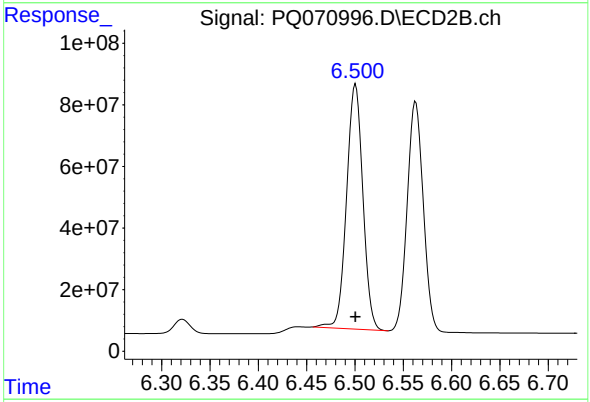
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 1040108591
Conc: 97.47 ng/ml



#41 AR-1268-1

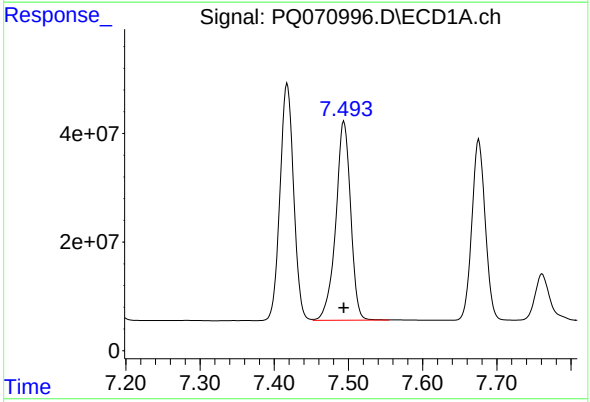
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 555593291
Conc: 975.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



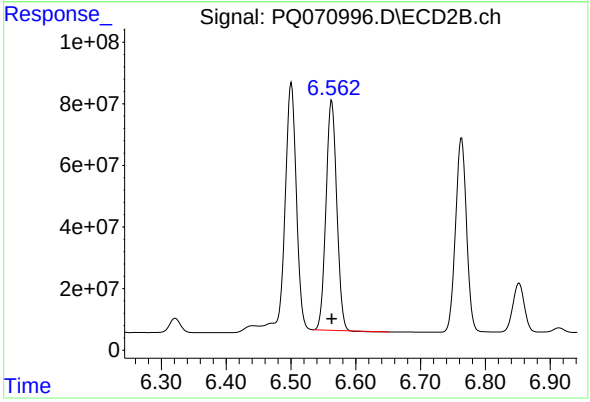
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 931455367
Conc: 977.85 ng/ml



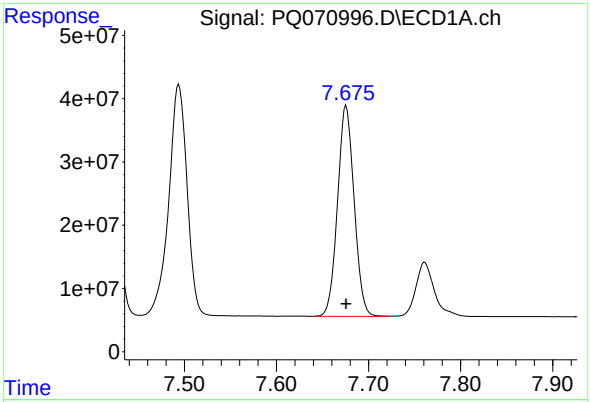
#42 AR-1268-2

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 510325576
Conc: 977.26 ng/ml



#42 AR-1268-2

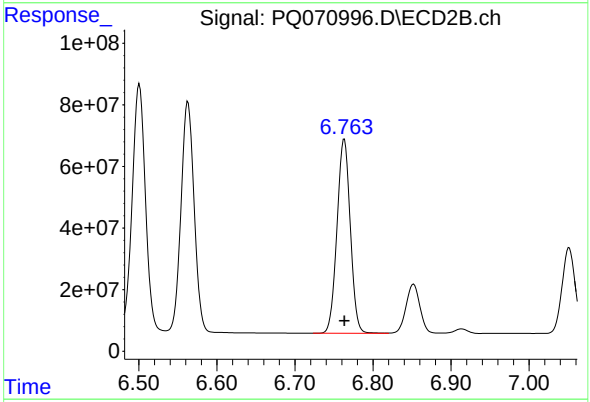
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 858872879
Conc: 976.29 ng/ml



#43 AR-1268-3

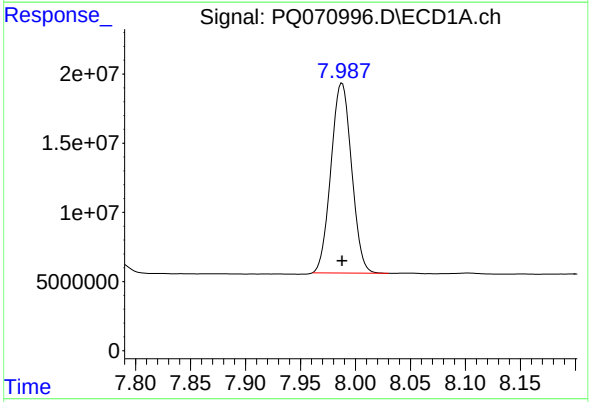
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 416538407
Conc: 976.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



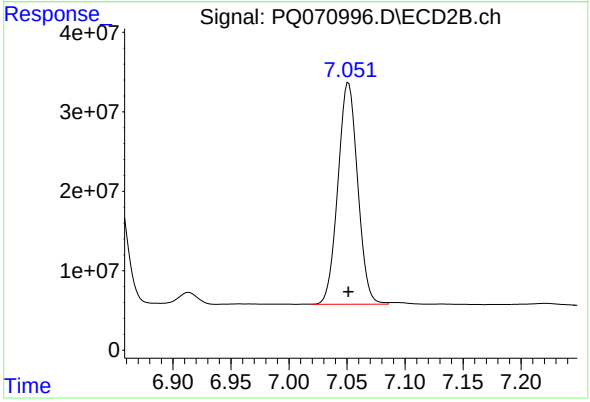
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 746016914
Conc: 977.98 ng/ml



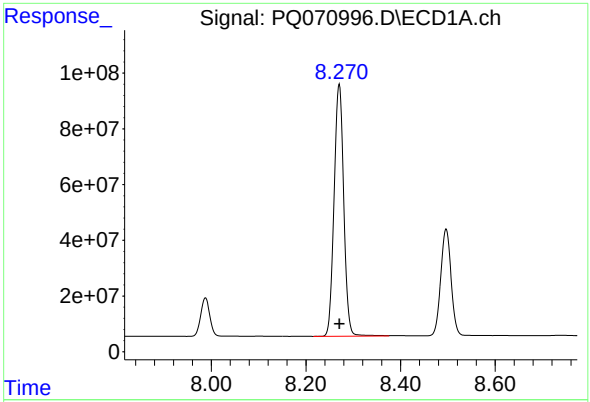
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 179373252
Conc: 972.22 ng/ml



#44 AR-1268-4

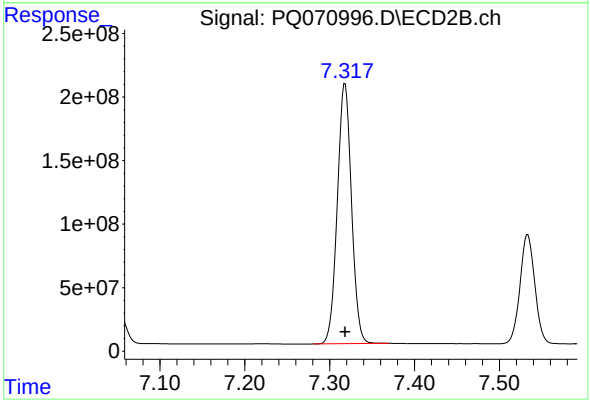
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 330162118
Conc: 977.10 ng/ml



#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 1283167757
Conc: 985.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 2374681378
Conc: 987.98 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:59
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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...	3.400	2.778	365.3E6	429.7E6	75.472	75.638
2)	SA Decachlor...	8.496	7.533	443.5E6	805.2E6	75.137	75.305
	Target Compounds						
41)	L9 AR-1268-1	7.417	6.501	429.3E6	721.3E6	752.594	754.792
42)	L9 AR-1268-2	7.495	6.564	393.0E6	668.4E6	751.776	756.465
43)	L9 AR-1268-3	7.677	6.763	320.6E6	577.3E6	751.101	754.528
44)	L9 AR-1268-4	7.988	7.051	139.1E6	254.6E6	752.792	752.326
45)	L9 AR-1268-5	8.270	7.318	981.0E6	1816.7E6	752.199	753.877

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

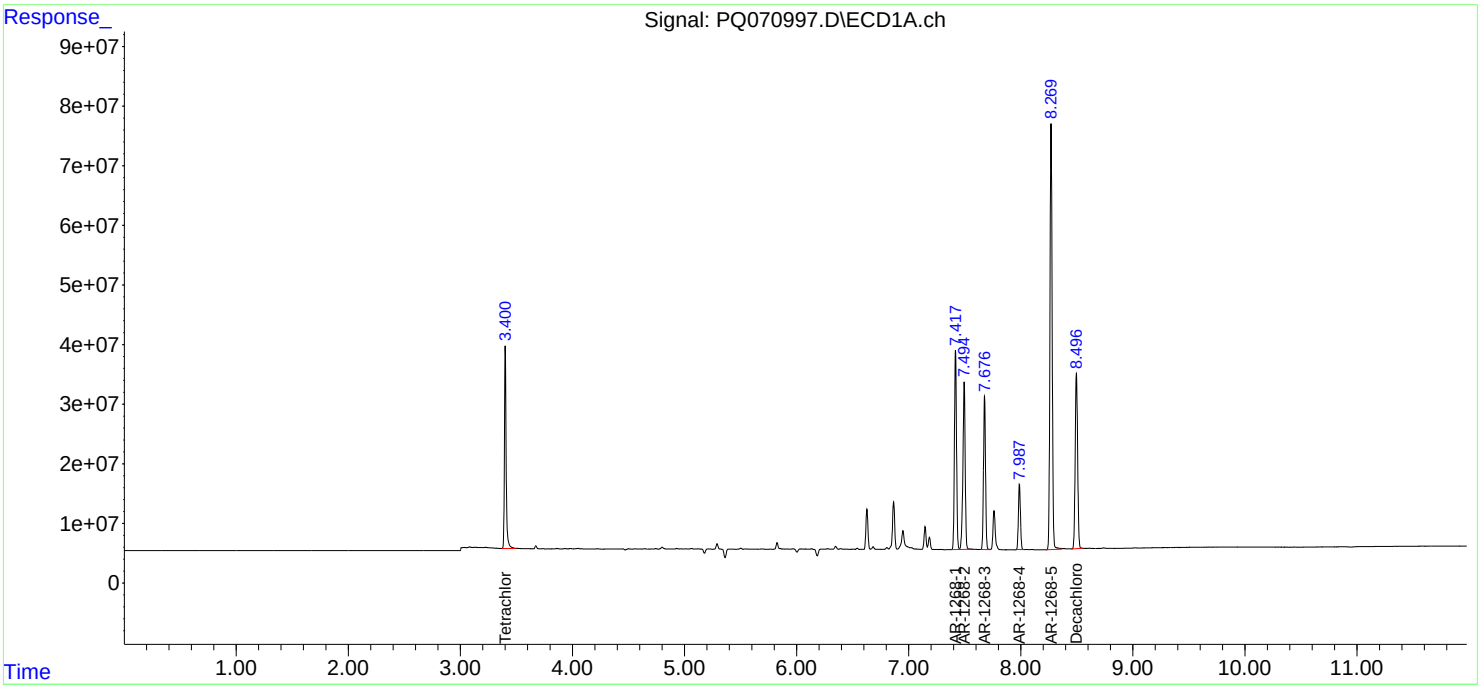
ICAL Form

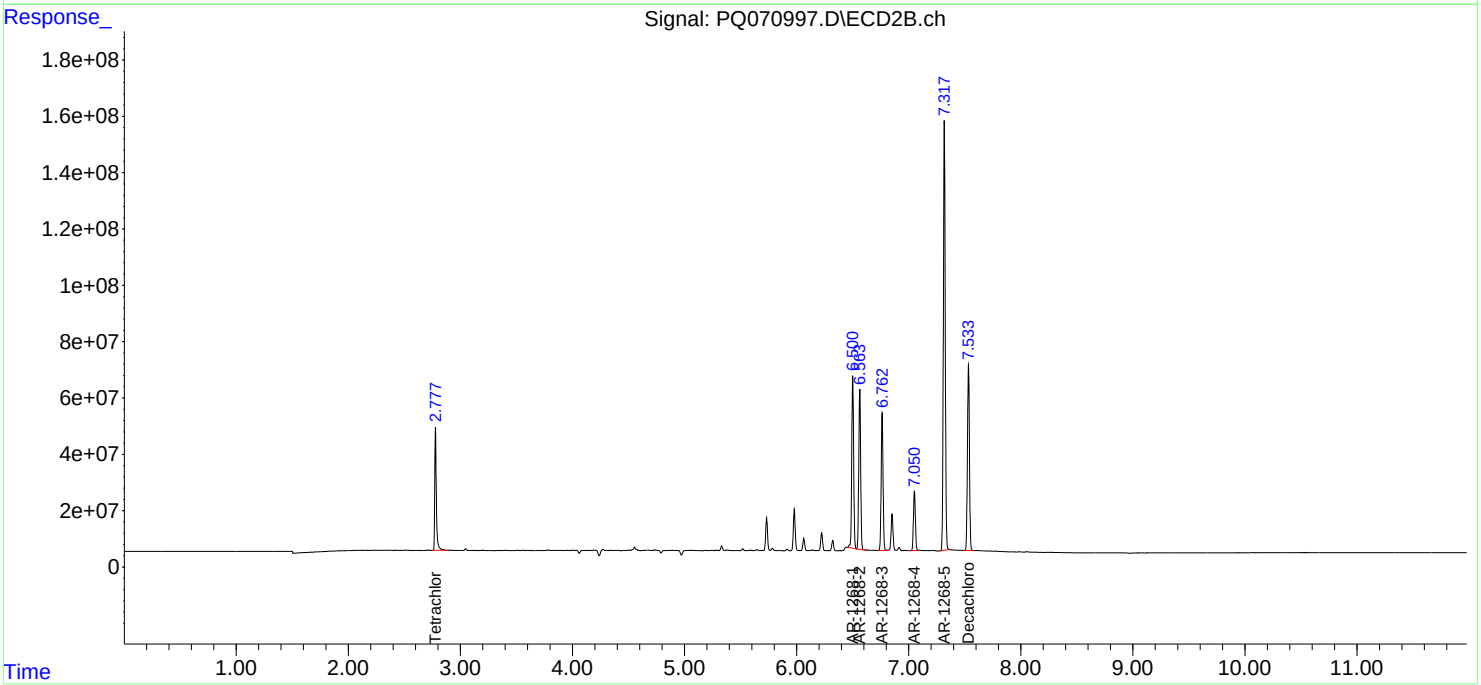
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:59
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

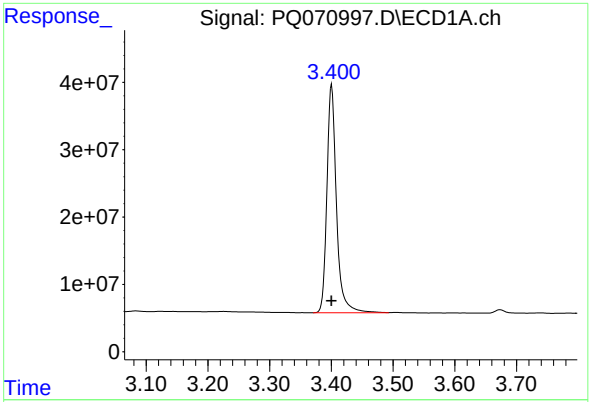
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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



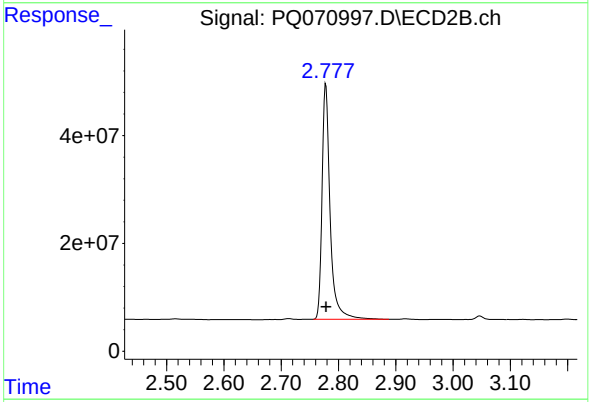




#1 Tetrachloro-m-xylene

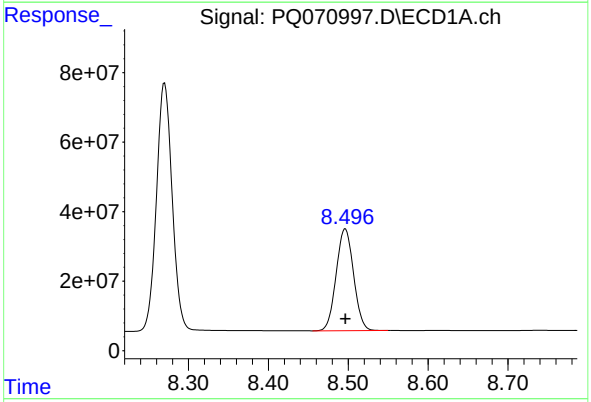
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 365345228
Conc: 75.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



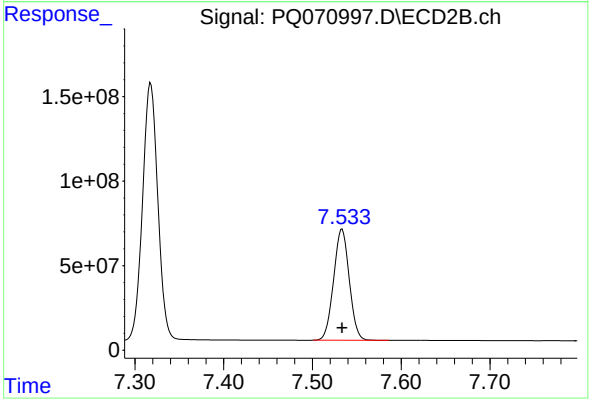
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 429738765
Conc: 75.64 ng/ml



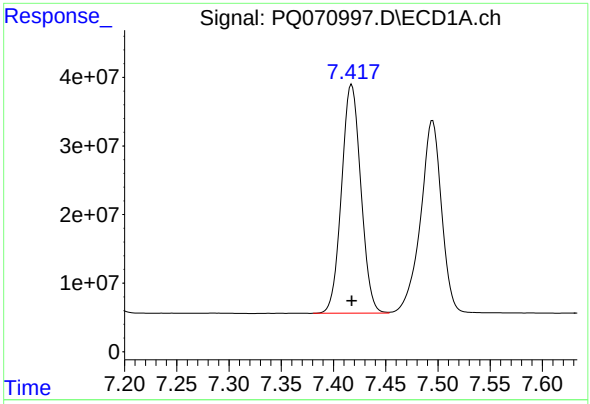
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 443523459
Conc: 75.14 ng/ml



#2 Decachlorobiphenyl

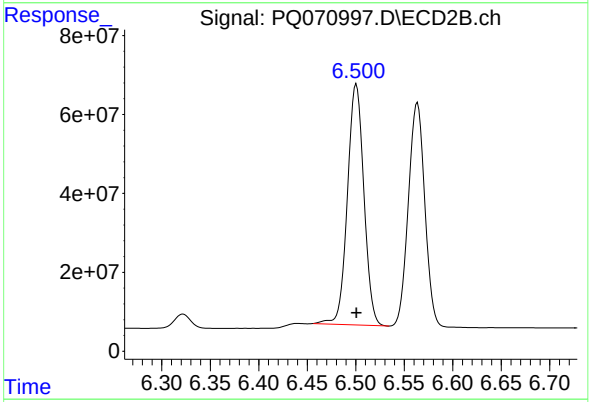
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 805246413
Conc: 75.31 ng/ml



#41 AR-1268-1

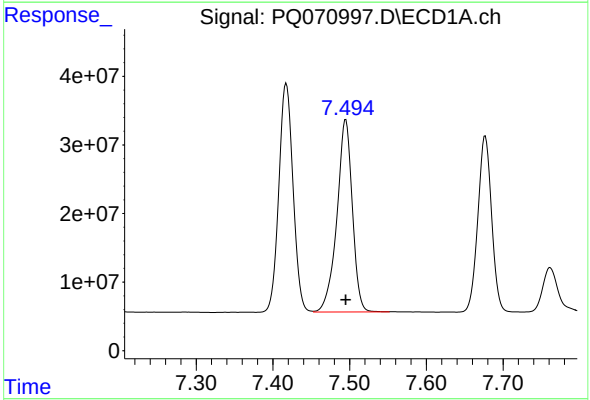
R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 429329141
Conc: 752.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



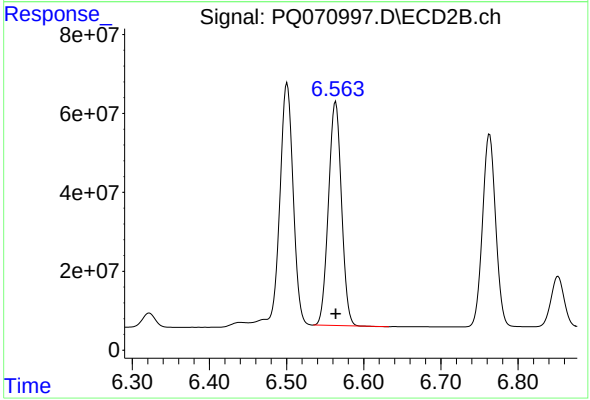
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 721284734
Conc: 754.79 ng/ml



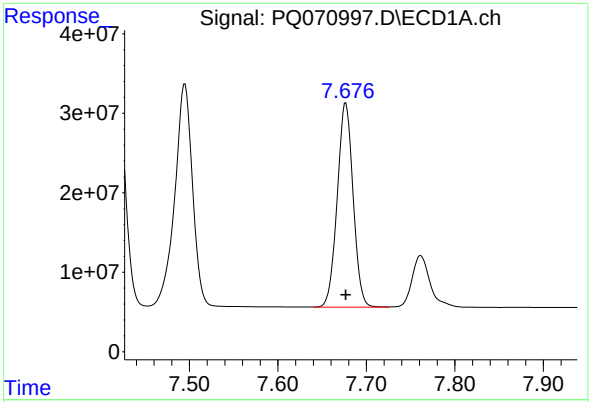
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 393043003
Conc: 751.78 ng/ml



#42 AR-1268-2

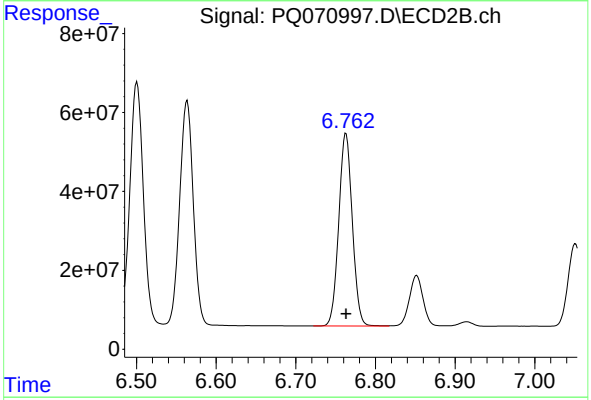
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 668369020
Conc: 756.47 ng/ml



#43 AR-1268-3

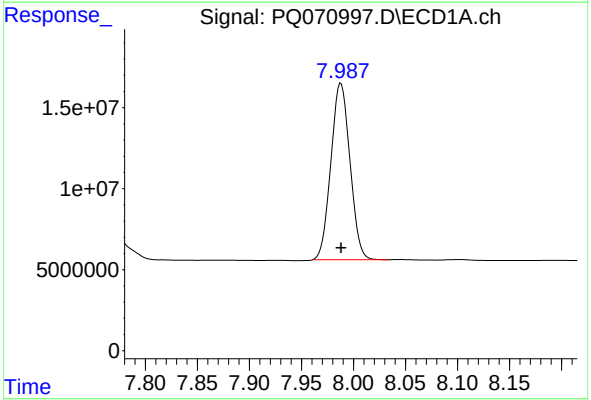
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 320649152
Conc: 751.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



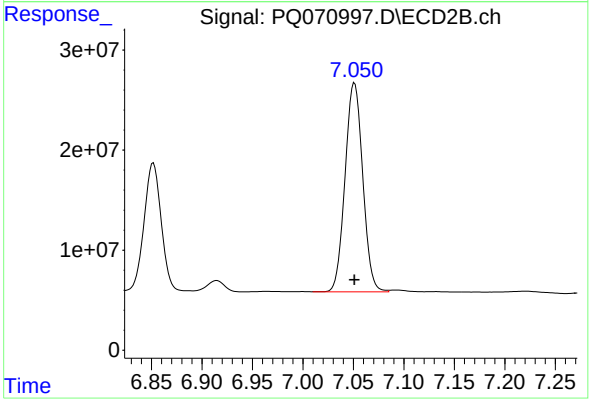
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 577309161
Conc: 754.53 ng/ml



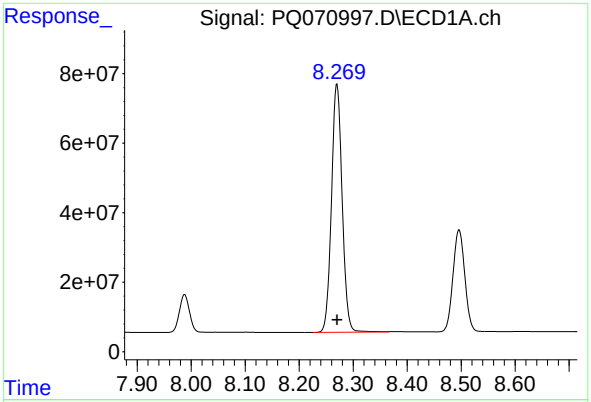
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 139148391
Conc: 752.79 ng/ml



#44 AR-1268-4

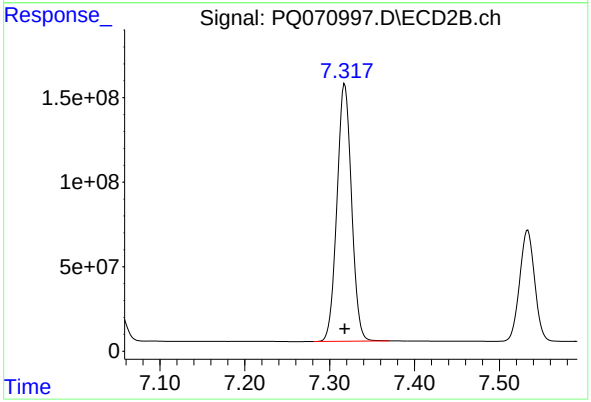
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 254605180
Conc: 752.33 ng/ml



#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 981007723
Conc: 752.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1816697371
Conc: 753.88 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:13
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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...	3.401	2.778	245.8E6	286.7E6	50.000	50.000
2)	SA Decachlor...	8.497	7.533	301.9E6	547.1E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.418	6.501	291.7E6	486.8E6	500.000	500.000
42)	L9 AR-1268-2	7.496	6.564	267.0E6	450.3E6	500.000	500.000
43)	L9 AR-1268-3	7.677	6.763	218.3E6	389.8E6	500.000	500.000
44)	L9 AR-1268-4	7.988	7.051	94812460	172.8E6	500.000	500.000
45)	L9 AR-1268-5	8.271	7.318	660.7E6	1216.2E6	500.000	500.000

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

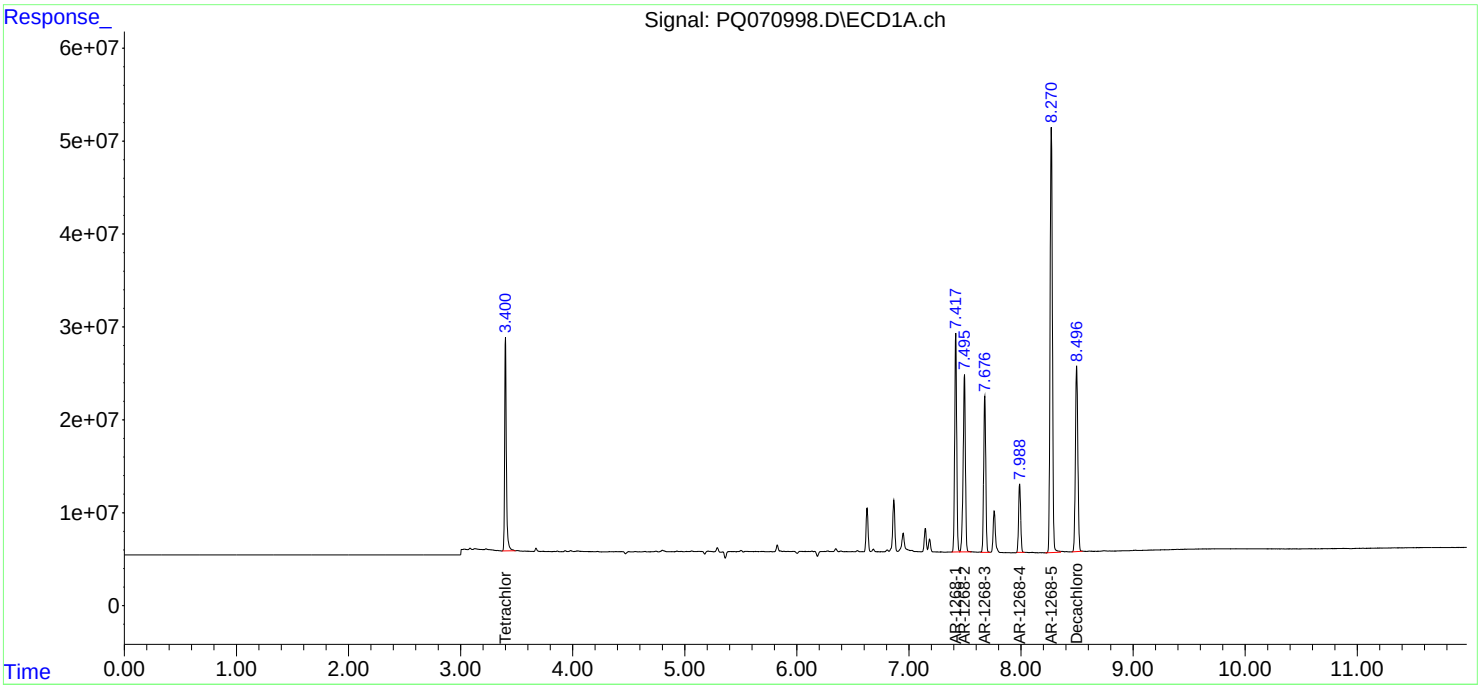
ICAL Form

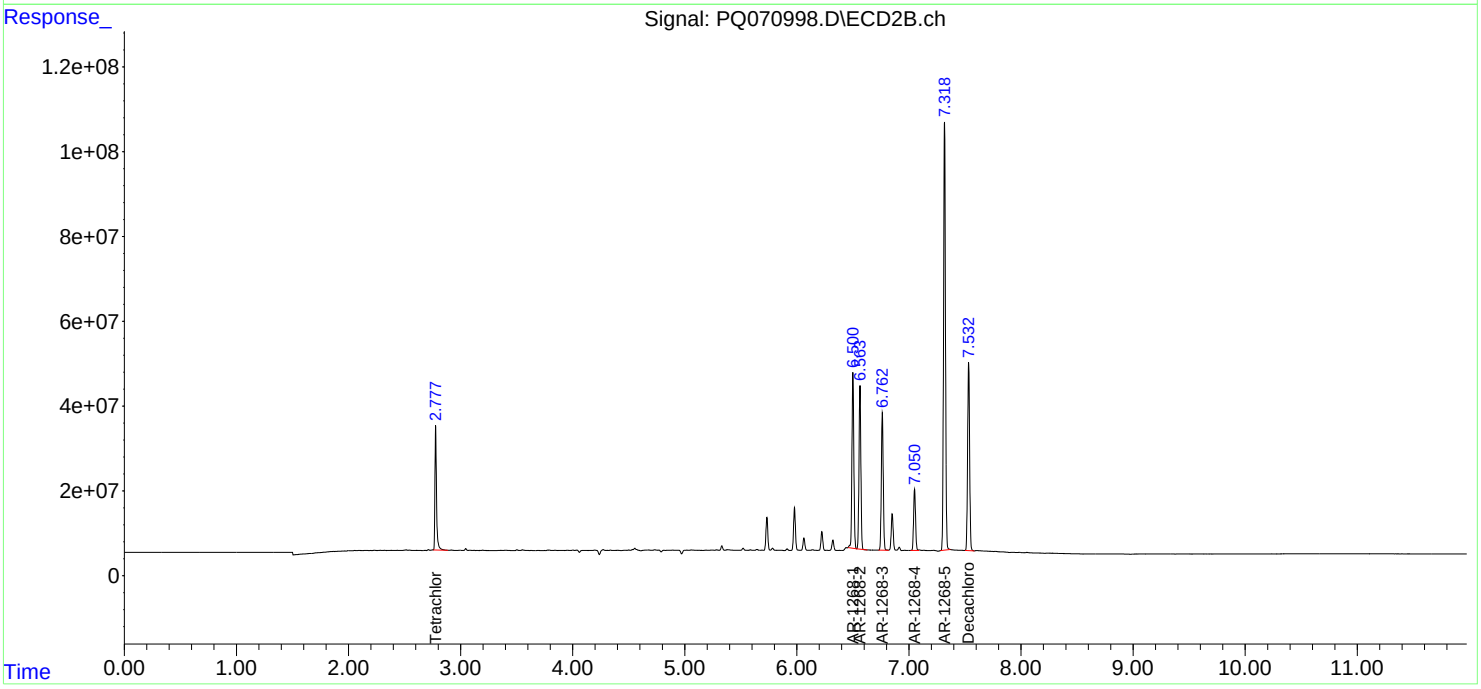
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:13
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

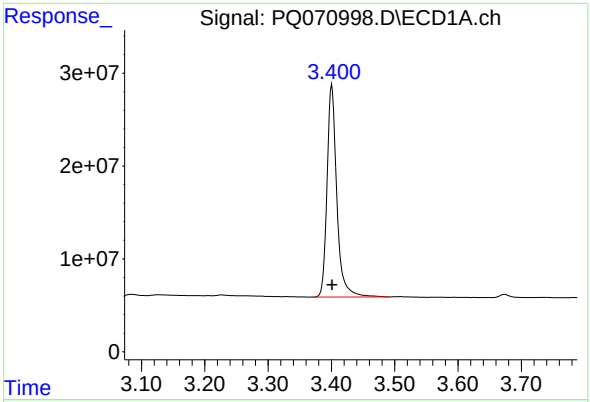
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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



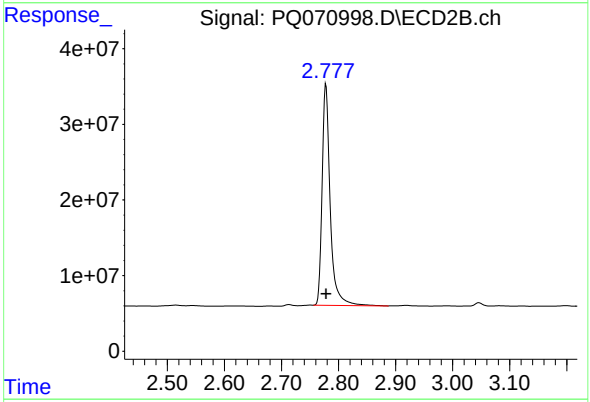




#1 Tetrachloro-m-xylene

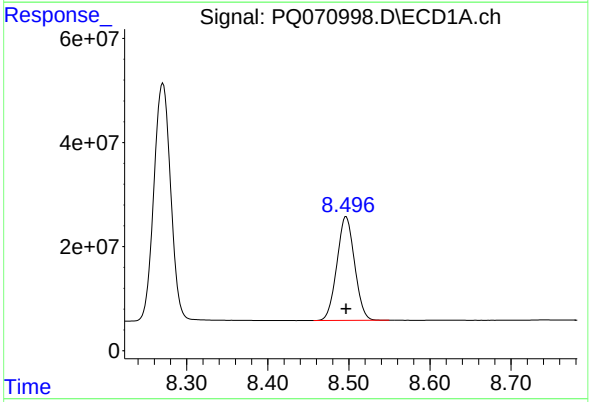
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 245811296
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



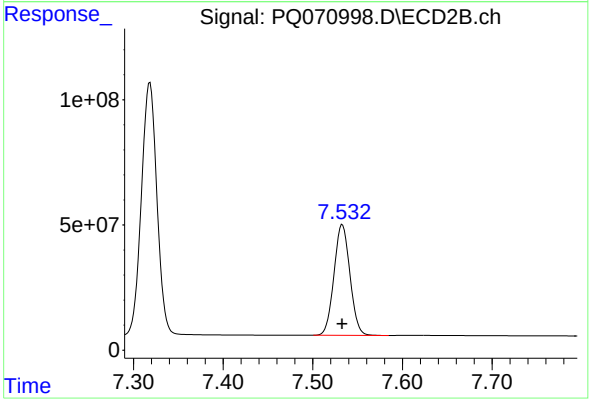
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286653182
Conc: 50.00 ng/ml



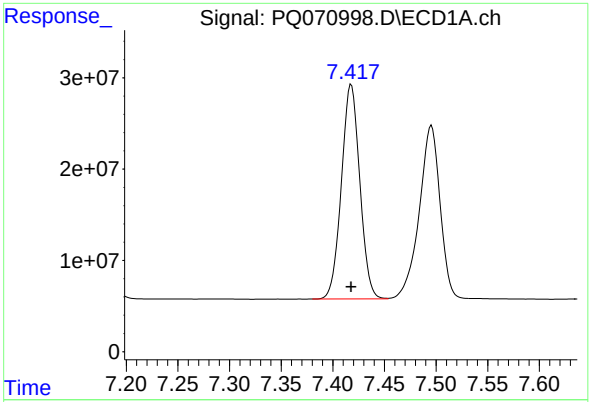
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 301868295
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

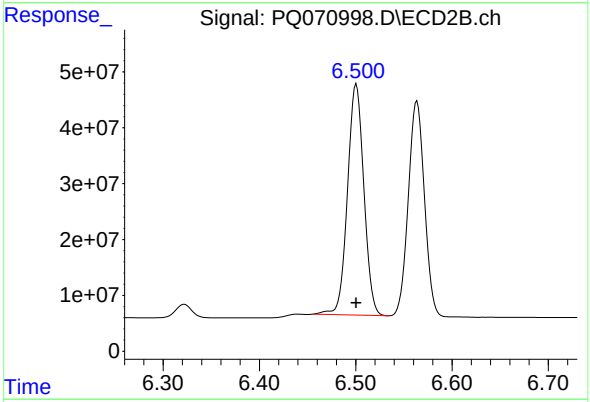
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 547076079
Conc: 50.00 ng/ml



#41 AR-1268-1

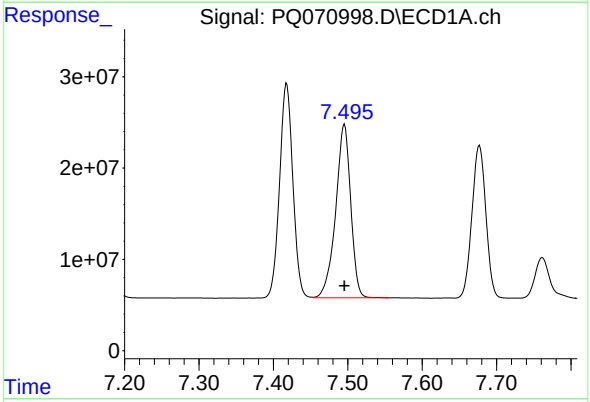
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 291682733
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



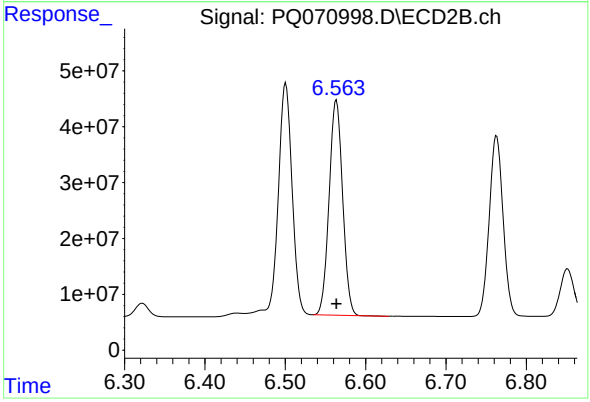
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 486826354
Conc: 500.00 ng/ml



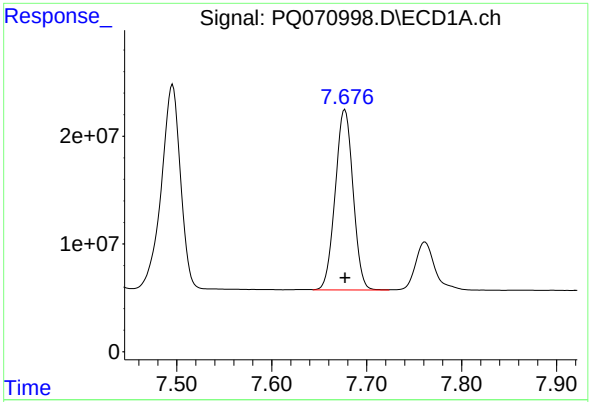
#42 AR-1268-2

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 267037614
Conc: 500.00 ng/ml



#42 AR-1268-2

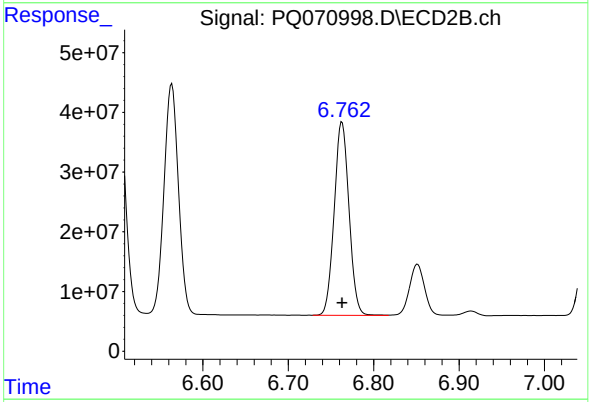
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 450297458
Conc: 500.00 ng/ml



#43 AR-1268-3

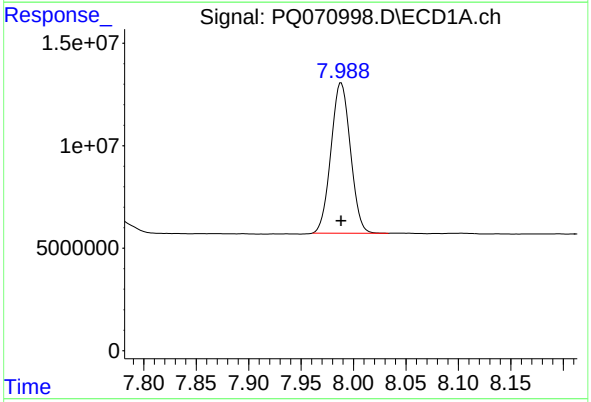
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 218323049
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



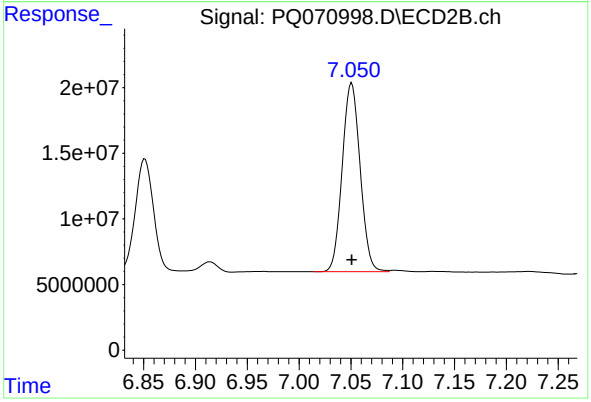
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 389807807
Conc: 500.00 ng/ml



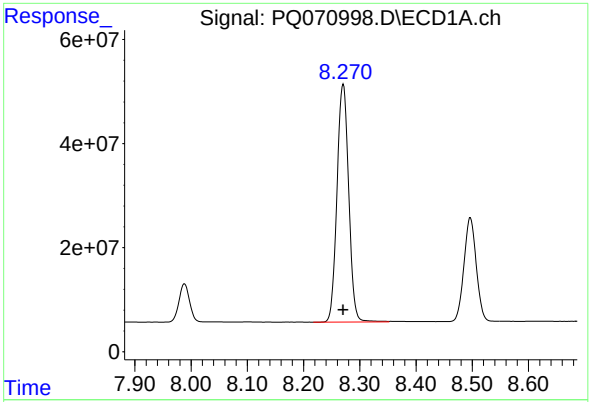
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 94812460
Conc: 500.00 ng/ml



#44 AR-1268-4

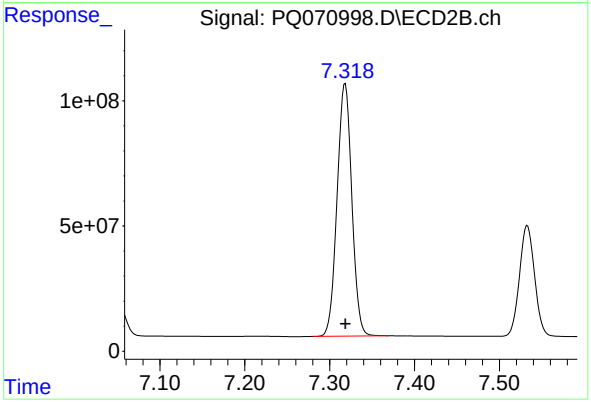
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 172818331
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 660690181
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1216236053
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:28
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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...	3.400	2.778	124.1E6	145.7E6	25.476	25.482
2)	SA Decachlor...	8.496	7.533	154.8E6	281.7E6	25.909	25.997
	Target Compounds						
41)	L9 AR-1268-1	7.418	6.500	149.5E6	243.6E6	258.947	253.674
42)	L9 AR-1268-2	7.495	6.563	136.5E6	226.7E6	258.257	254.883
43)	L9 AR-1268-3	7.677	6.763	110.8E6	198.0E6	257.143	256.485
44)	L9 AR-1268-4	7.988	7.051	48417432	89098499	258.848	259.826
45)	L9 AR-1268-5	8.270	7.317	331.6E6	607.0E6	253.196	251.413

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

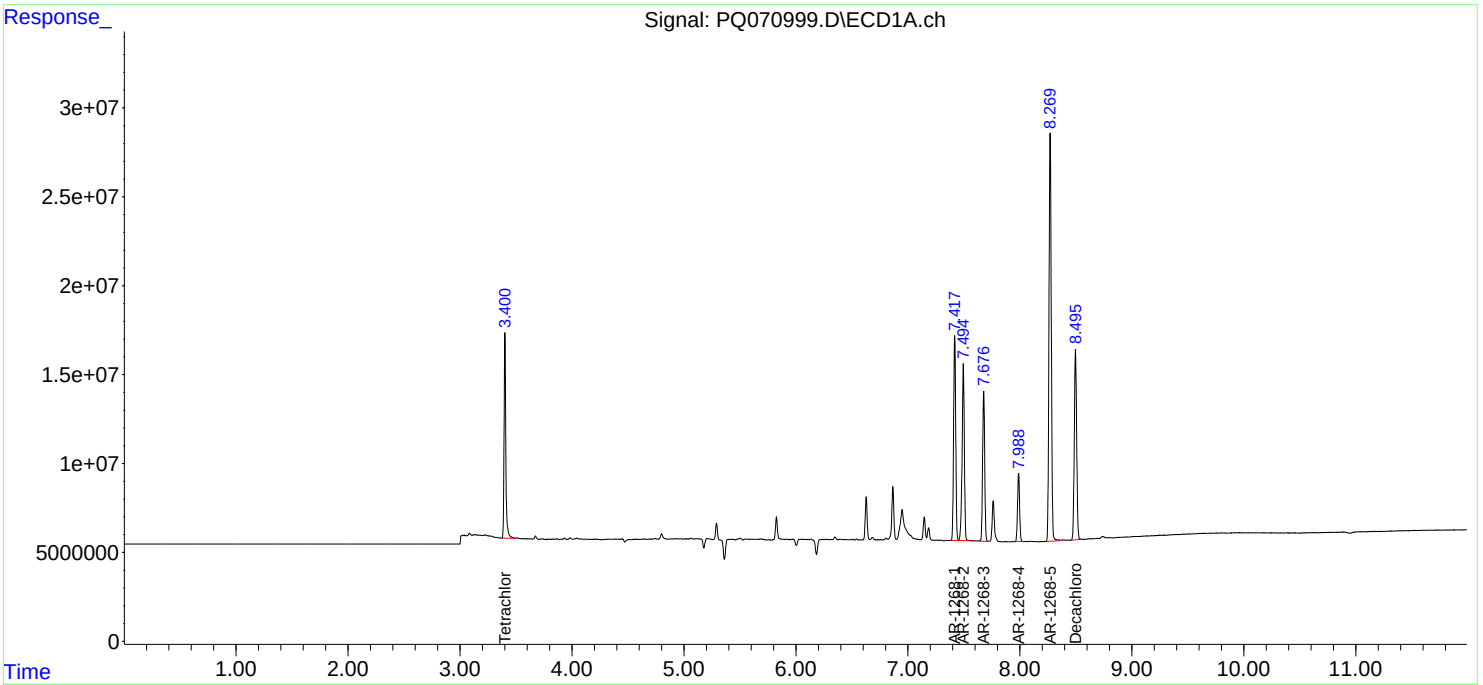
ICAL Form

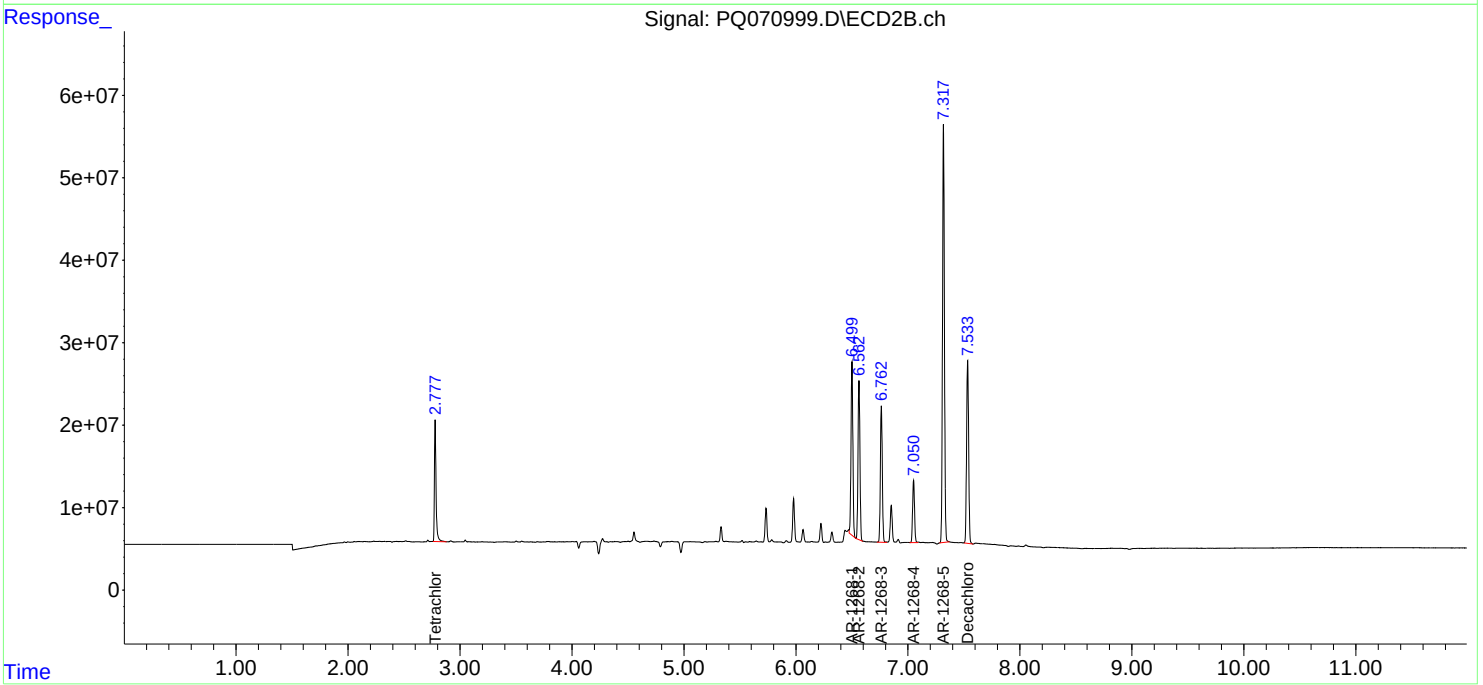
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:28
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

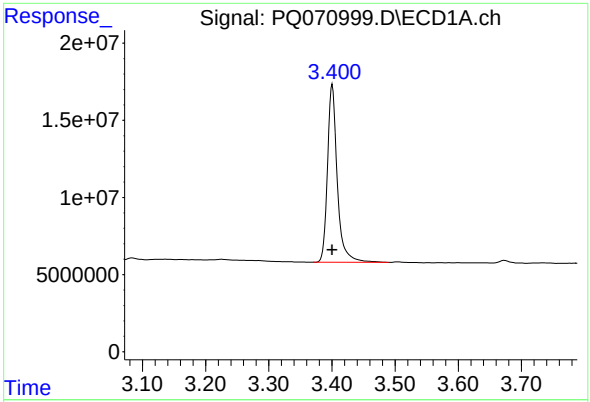
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 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



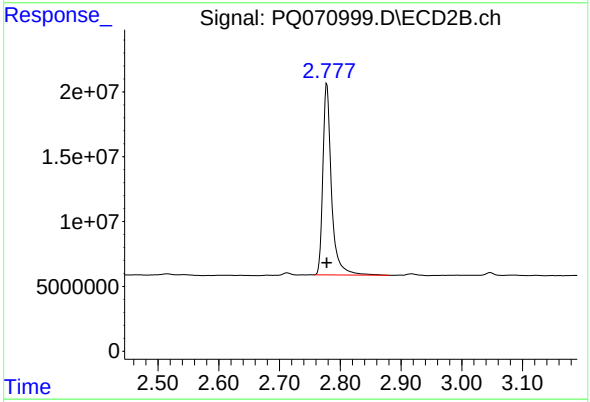




#1 Tetrachloro-m-xylene

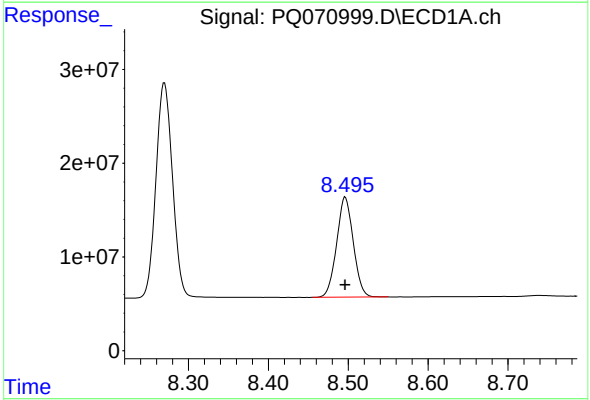
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 124113048
Conc: 25.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



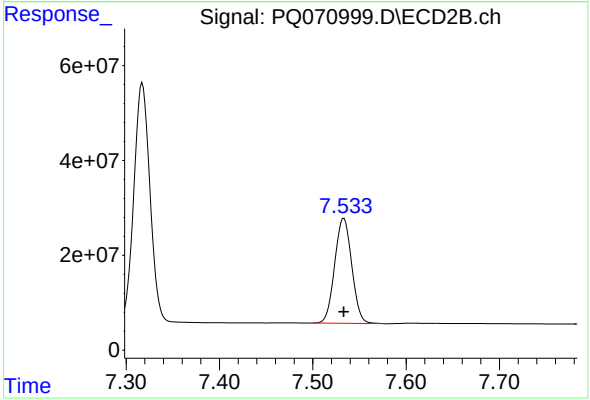
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 145711594
Conc: 25.48 ng/ml



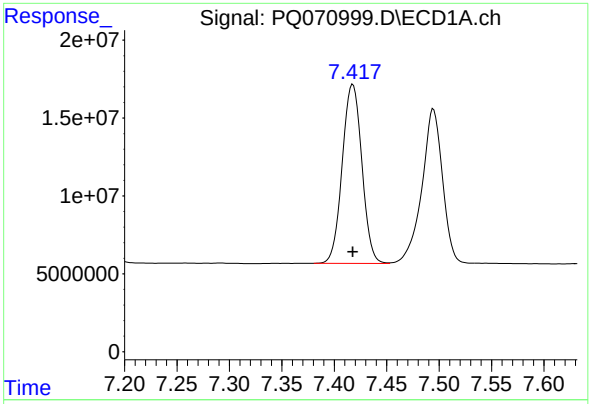
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 154811101
Conc: 25.91 ng/ml



#2 Decachlorobiphenyl

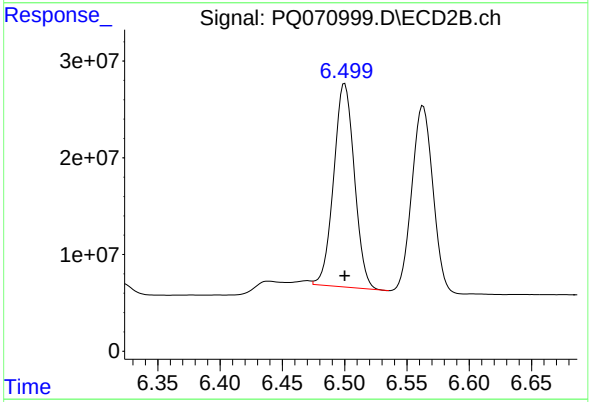
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 281733949
Conc: 26.00 ng/ml



#41 AR-1268-1

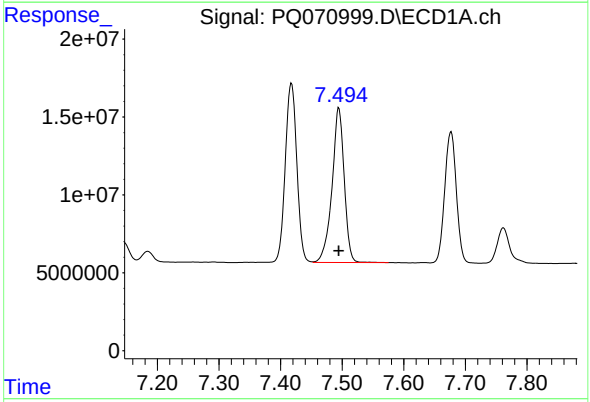
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 149503784
Conc: 258.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



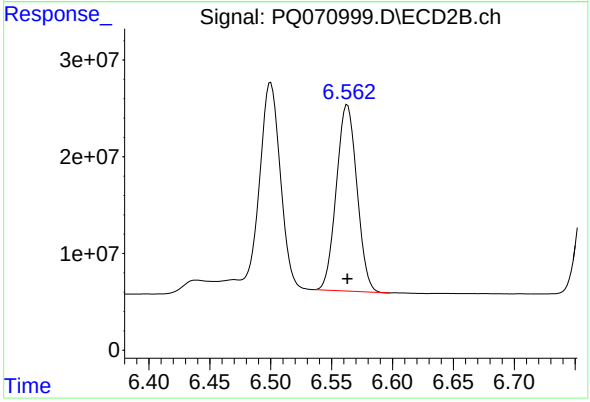
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 243605830
Conc: 253.67 ng/ml



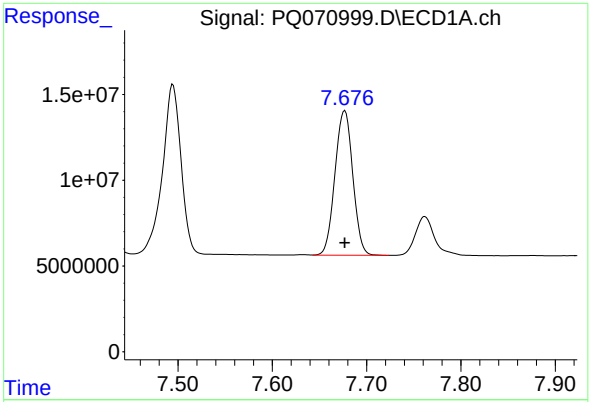
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 136525117
Conc: 258.26 ng/ml



#42 AR-1268-2

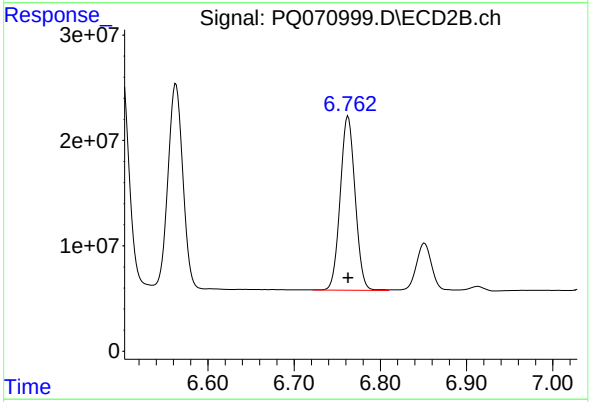
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 226675271
Conc: 254.88 ng/ml



#43 AR-1268-3

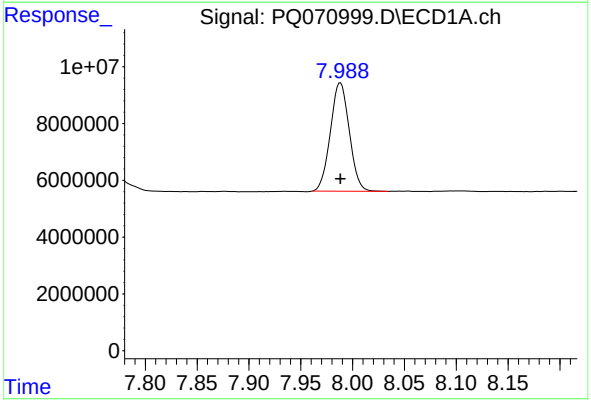
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 110831298
Conc: 257.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



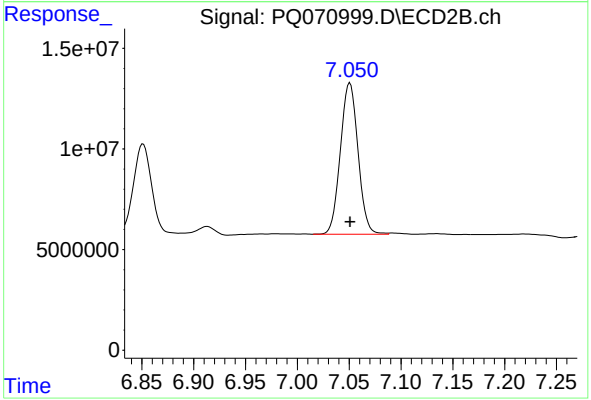
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 197955027
Conc: 256.49 ng/ml



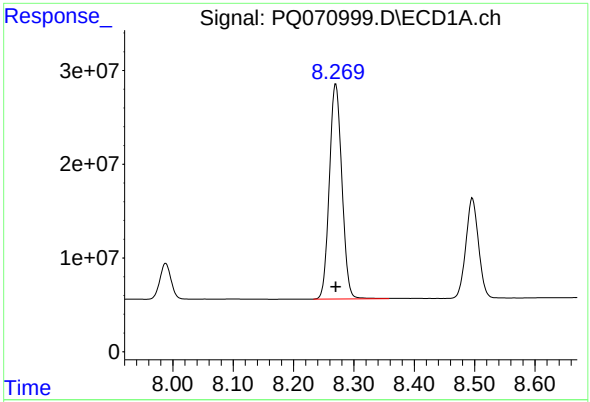
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 48417432
Conc: 258.85 ng/ml



#44 AR-1268-4

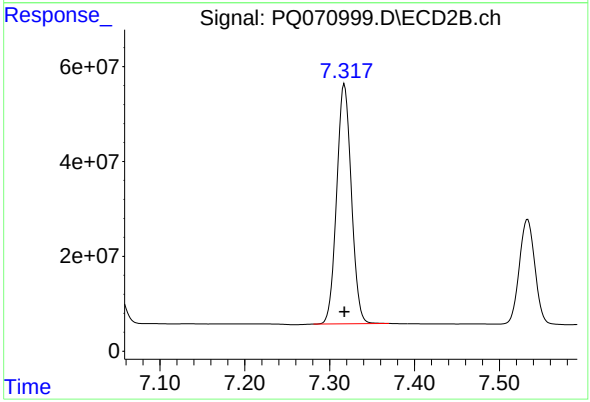
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 89098499
Conc: 259.83 ng/ml



#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 331628529
Conc: 253.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 606999218
Conc: 251.41 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:43
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:16:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:16:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	24662420	28347182	5.050	4.966
2)	SA Decachlor...	8.497	7.533	31115212	59480232	5.165	5.383
	Target Compounds						
41)	L9 AR-1268-1	7.418	6.500	30187398	51549310	51.812	52.901
42)	L9 AR-1268-2	7.495	6.563	26994207	46812925	50.847	52.089
43)	L9 AR-1268-3	7.676	6.763	22122982	41071128	51.057	52.539
44)	L9 AR-1268-4	7.989	7.050	9507758	17547775	50.662	50.933
45)	L9 AR-1268-5	8.271	7.317	65947884	122.2E6	50.280	50.497

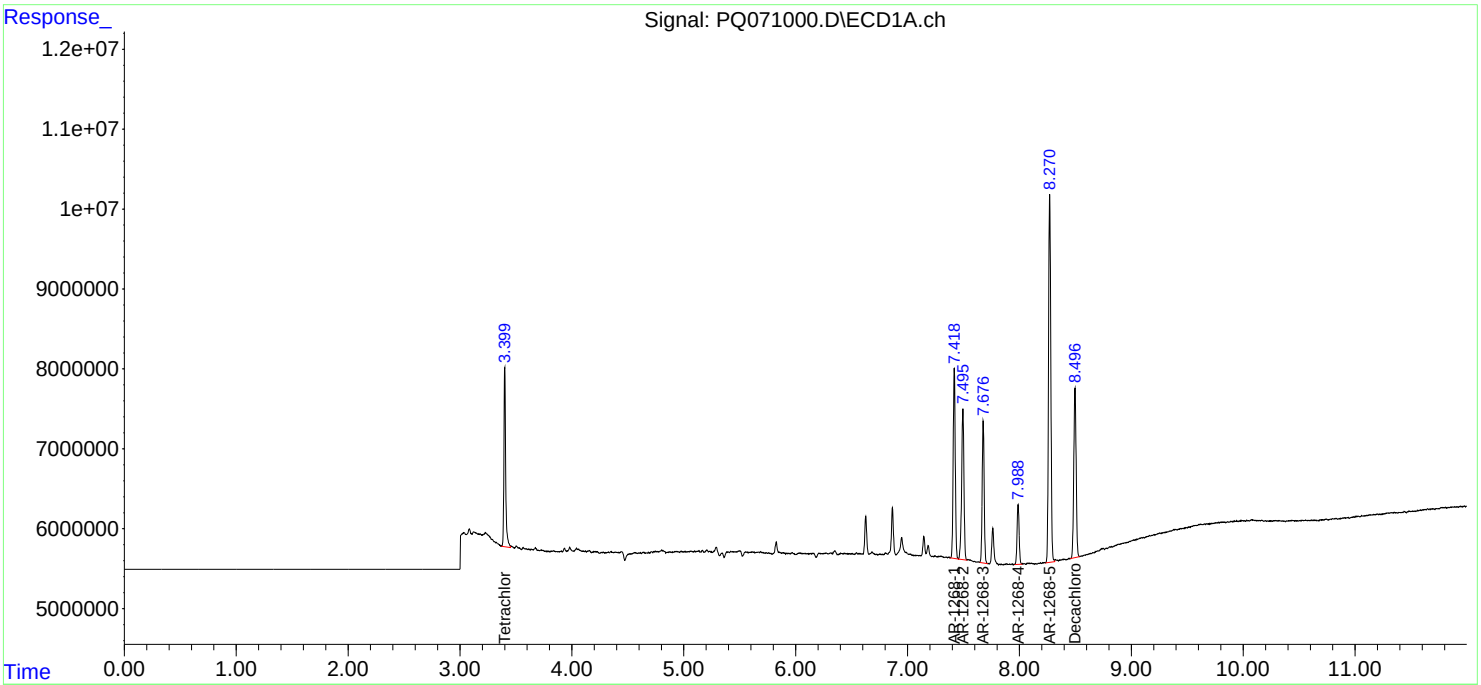
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

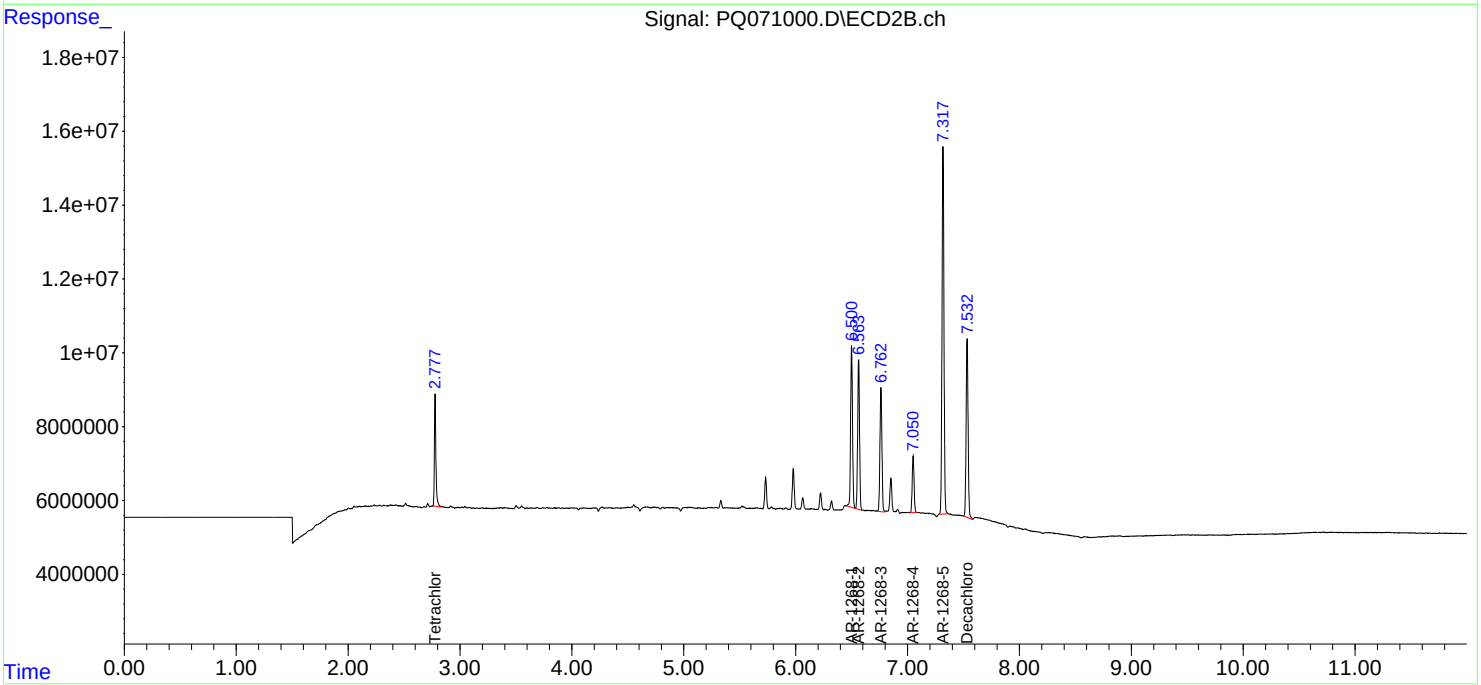
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:43
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

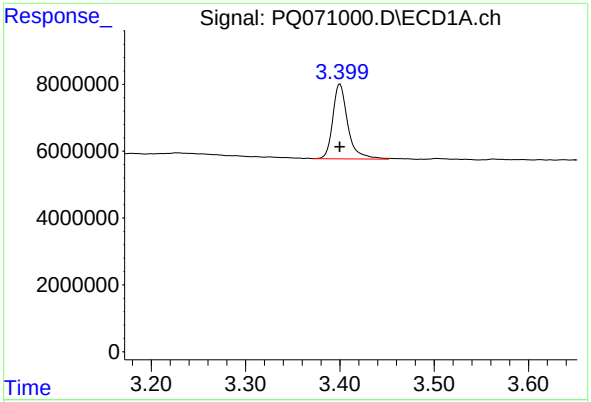
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:16:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:16:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



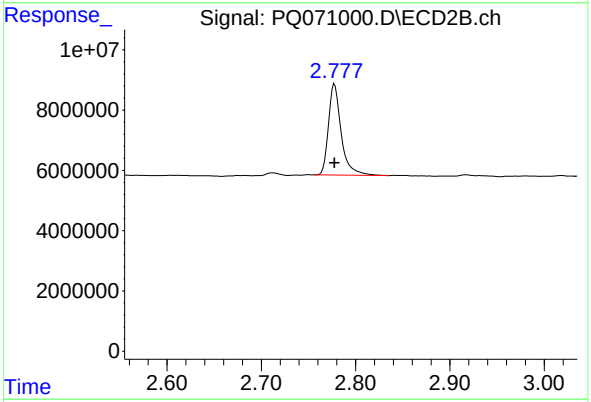




#1 Tetrachloro-m-xylene

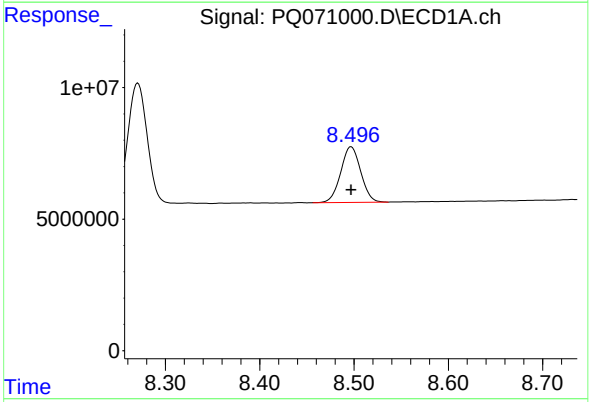
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 24662420
Conc: 5.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



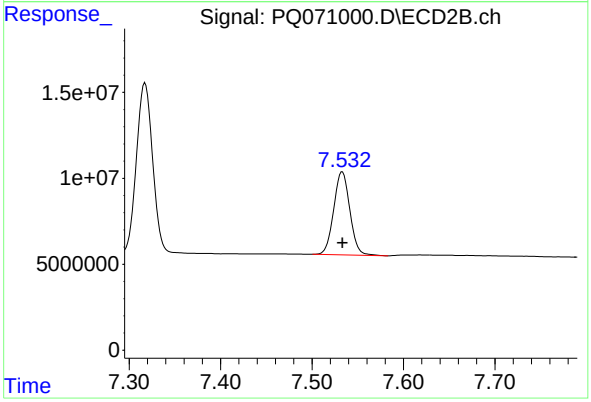
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 28347182
Conc: 4.97 ng/ml



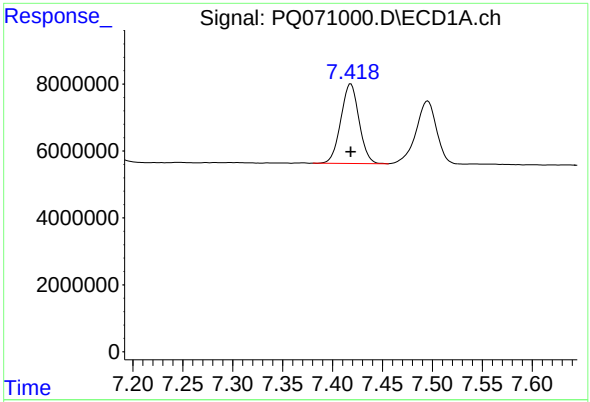
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 31115212
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

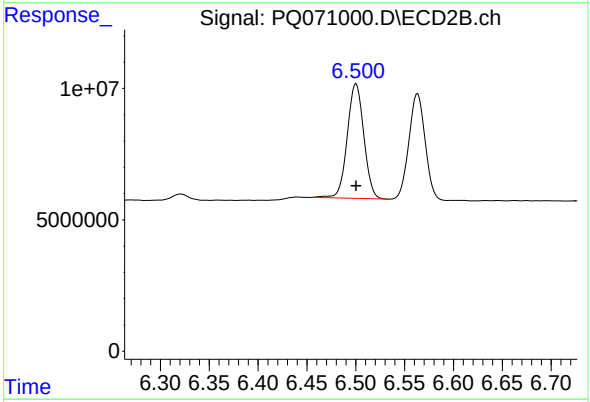
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 59480232
Conc: 5.38 ng/ml



#41 AR-1268-1

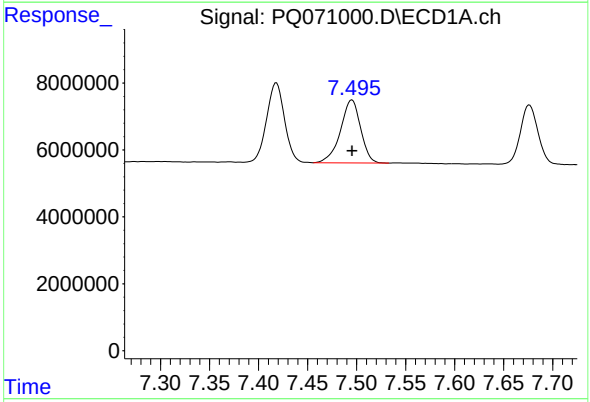
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 30187398
Conc: 51.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



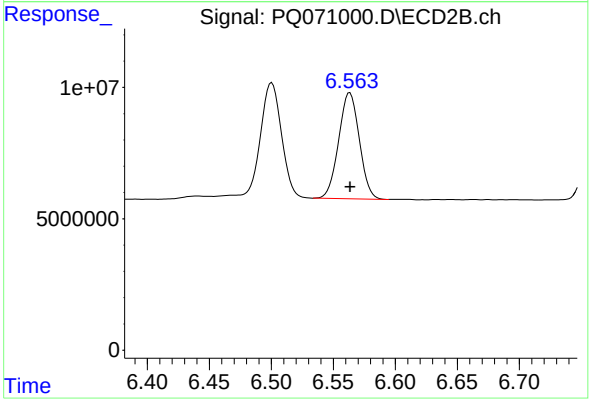
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 51549310
Conc: 52.90 ng/ml



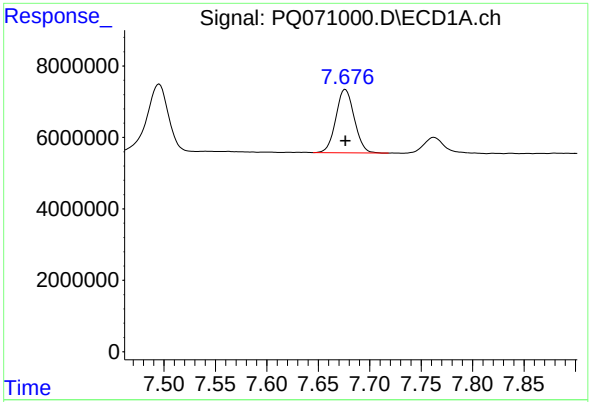
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 26994207
Conc: 50.85 ng/ml



#42 AR-1268-2

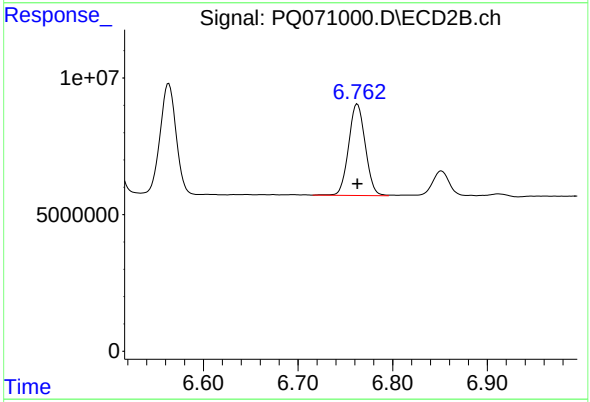
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 46812925
Conc: 52.09 ng/ml



#43 AR-1268-3

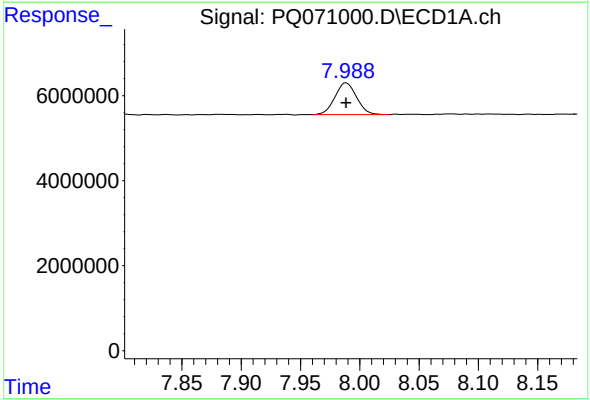
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 22122982
Conc: 51.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



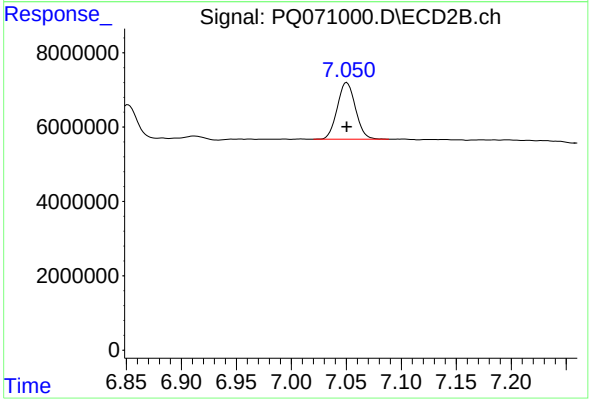
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 41071128
Conc: 52.54 ng/ml



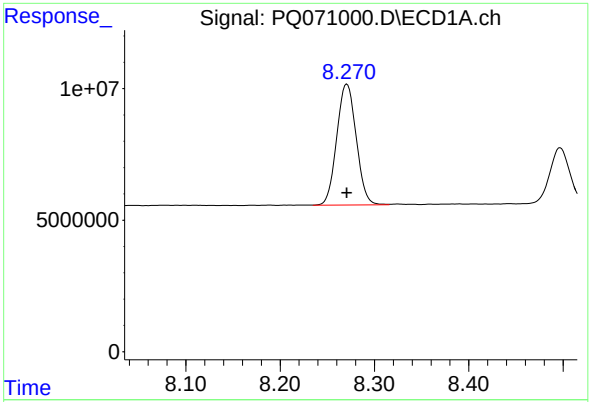
#44 AR-1268-4

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 9507758
Conc: 50.66 ng/ml



#44 AR-1268-4

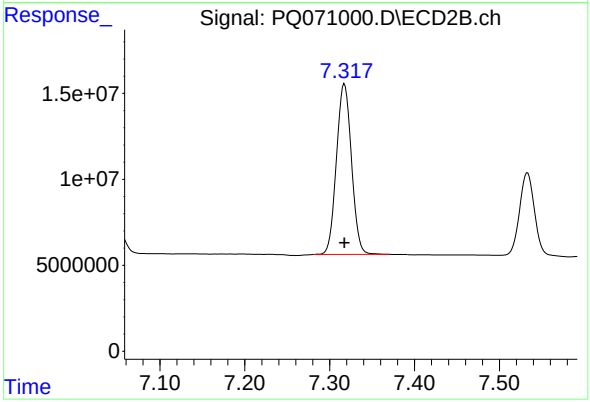
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 17547775
Conc: 50.93 ng/ml



#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 65947884
Conc: 50.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 122222176
Conc: 50.50 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:57
Operator : YP\AJ
Sample : PQ101025ICV
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:29:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 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...	3.400	2.778	237.3E6	265.1E6	54.558	52.183
2)	SA Decachlor...	8.497	7.533	168.1E6	302.1E6	57.872	59.825
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.777	84536347	121.7E6	515.013	543.285m
4)	L1 AR-1016-2	4.499	3.792	137.9E6	157.0E6	537.936	461.544m
5)	L1 AR-1016-3	4.556	3.953	86370882	89605925	542.809	492.722m
6)	L1 AR-1016-4	4.646	4.001	72647096	77616175	559.128	493.075m
7)	L1 AR-1016-5	4.931	4.196	71678763	95334887	556.500	496.945m
31)	L7 AR-1260-1	6.019	5.188	124.6E6	179.0E6	531.360m	496.698m
32)	L7 AR-1260-2	6.275	5.377	157.7E6	216.4E6	569.990m	491.786m
33)	L7 AR-1260-3	6.627	5.518	115.0E6	195.1E6	576.989	470.083
34)	L7 AR-1260-4	6.840	5.979	126.1E6	186.2E6	586.767	517.623
35)	L7 AR-1260-5	7.146	6.224	259.3E6	433.0E6	597.827	515.349

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:57
Operator : YP\AJ
Sample : PQ101025ICV
Misc :
ALS Vial : 31 Sample Multiplier: 1

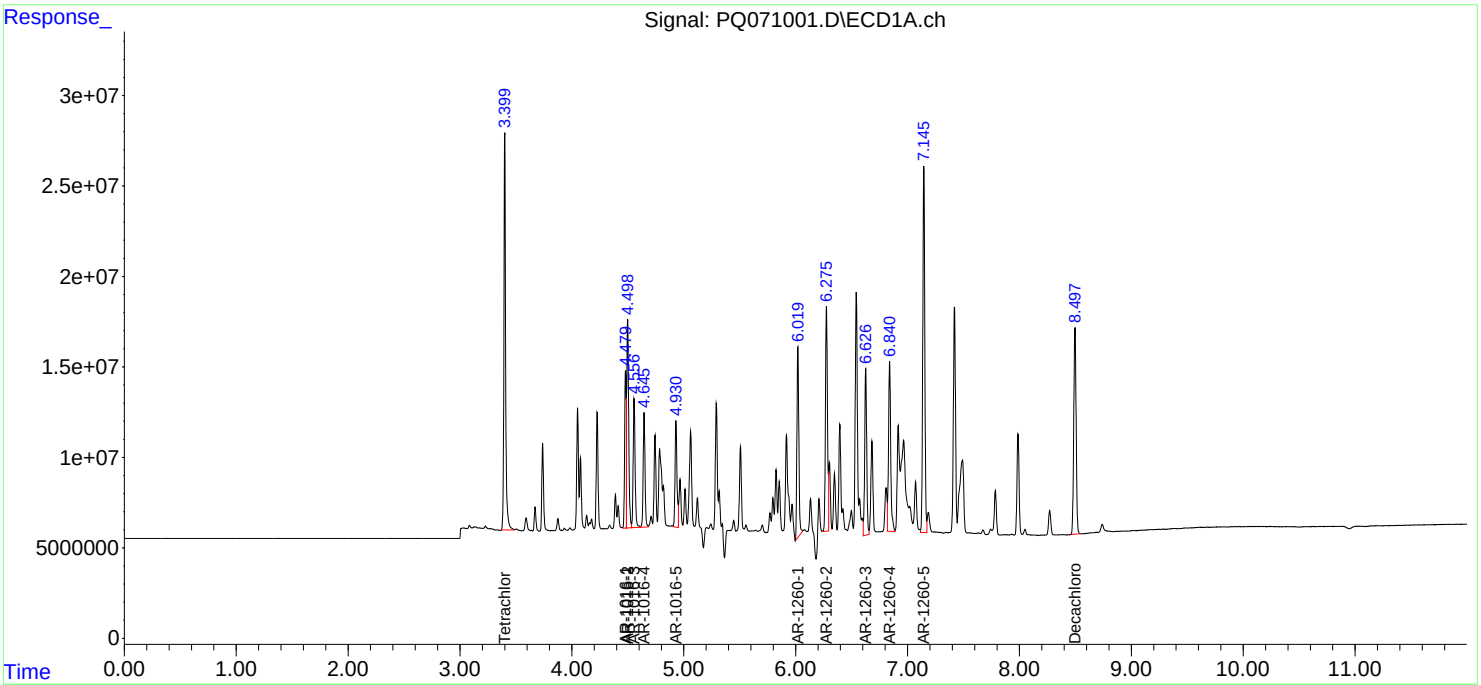
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

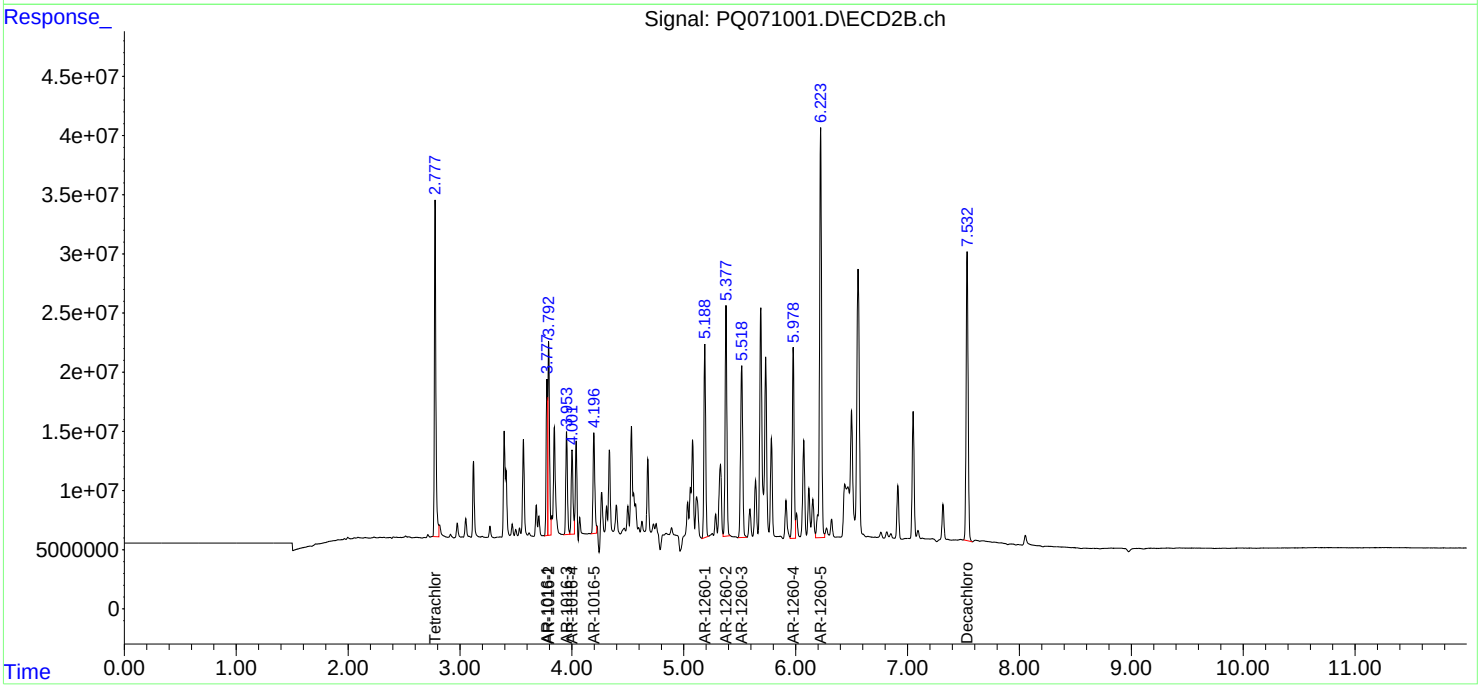
Manual Integrations APPROVED

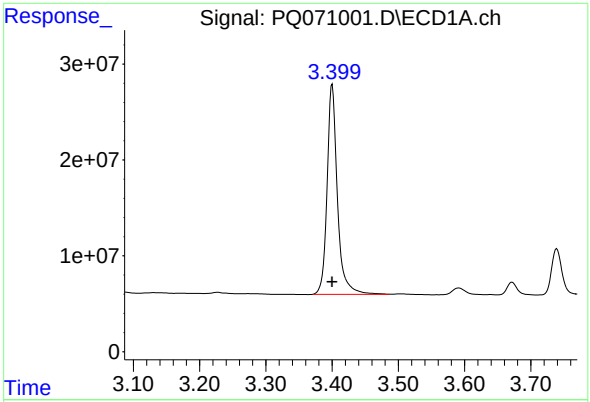
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:29:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 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







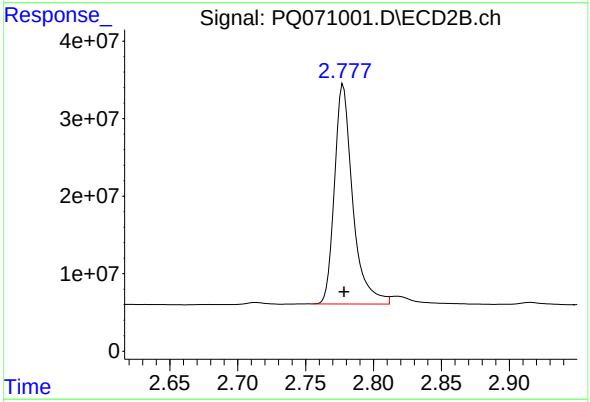
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 237342010
Conc: 54.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

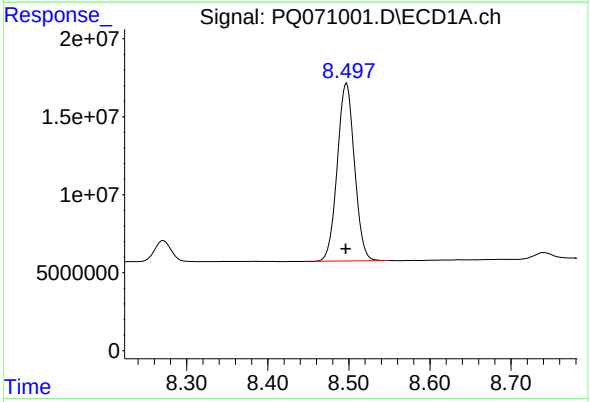
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



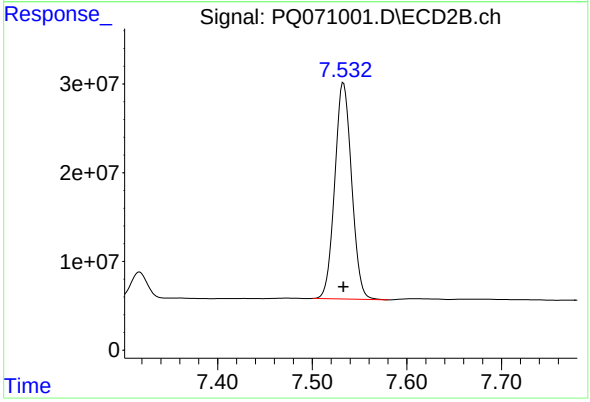
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 265088435
Conc: 52.18 ng/ml



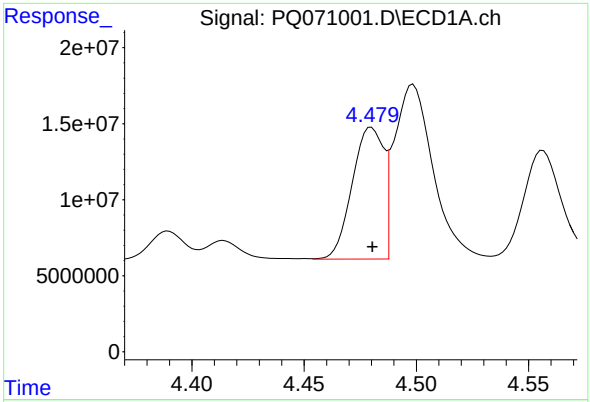
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.001 min
Response: 168058544
Conc: 57.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 302090515
Conc: 59.83 ng/ml



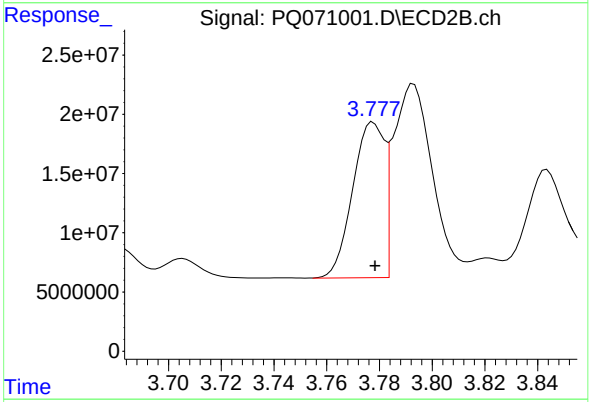
#3 AR-1016-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 84536347
Conc: 515.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

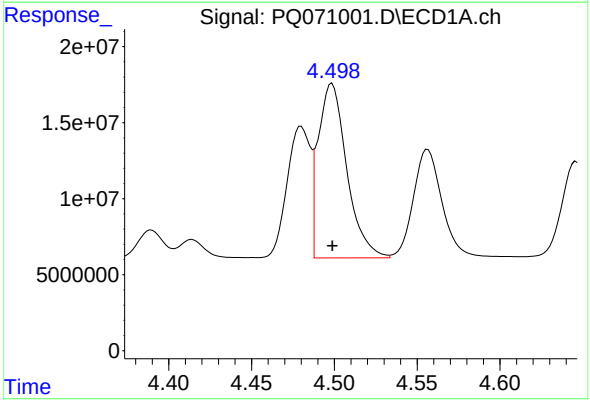
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



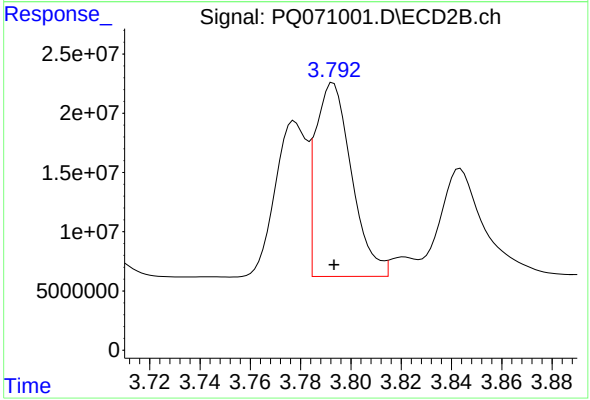
#3 AR-1016-1

R.T.: 3.777 min
Delta R.T.: -0.001 min
Response: 121697010
Conc: 543.29 ng/ml m



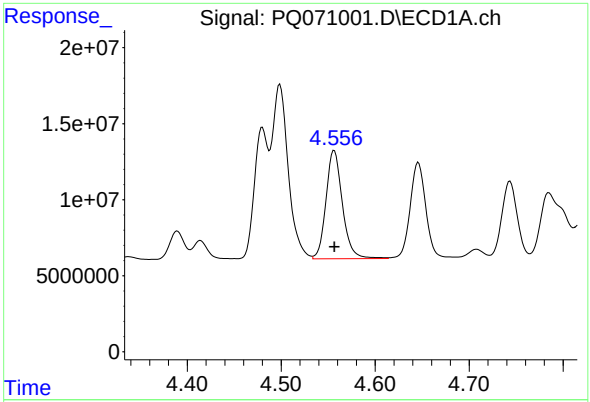
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 137870017
Conc: 537.94 ng/ml



#4 AR-1016-2

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 156981599
Conc: 461.54 ng/ml m



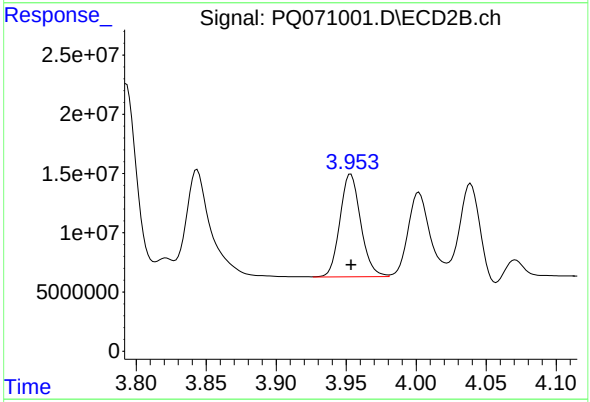
#5 AR-1016-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 86370882
Conc: 542.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

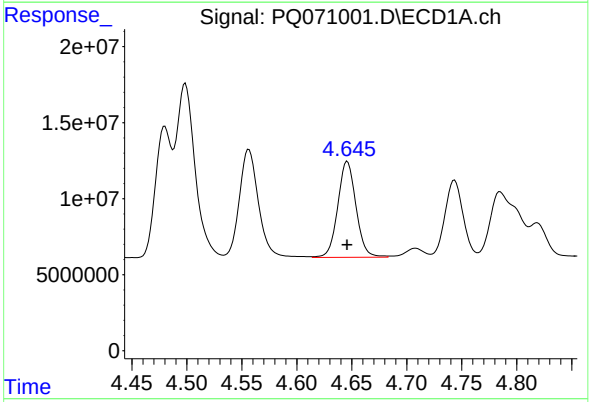
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



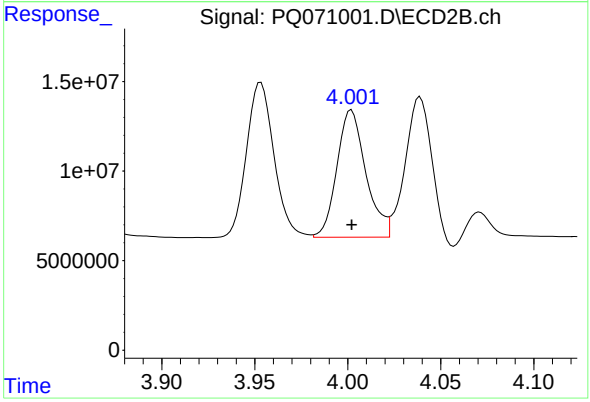
#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 89605925
Conc: 492.72 ng/ml m



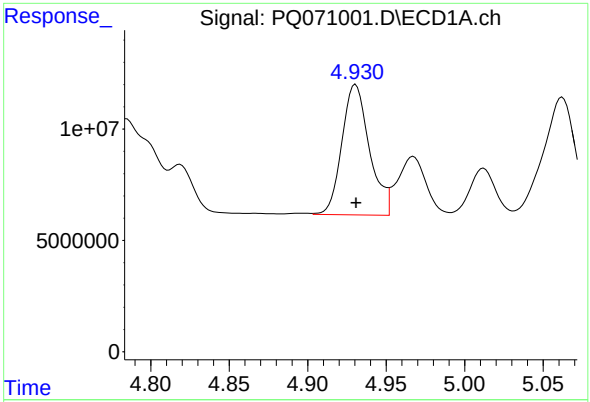
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 72647096
Conc: 559.13 ng/ml



#6 AR-1016-4

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 77616175
Conc: 493.07 ng/ml m



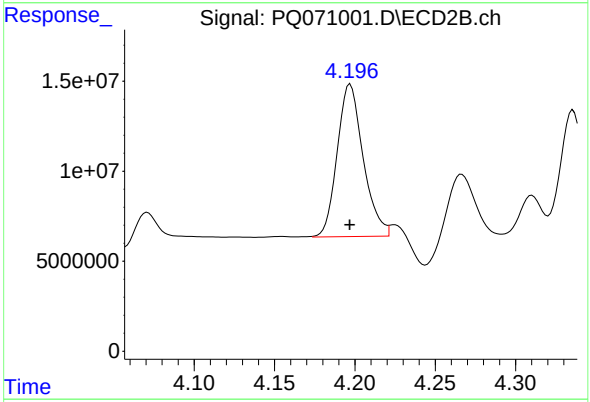
#7 AR-1016-5

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 71678763
Conc: 556.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

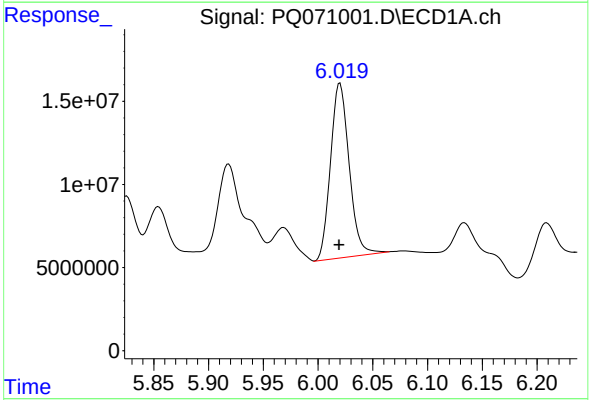
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



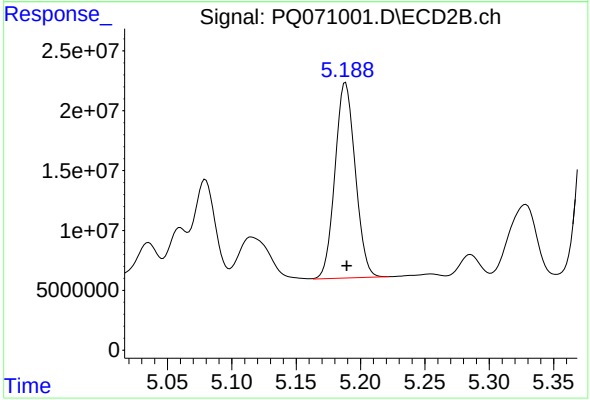
#7 AR-1016-5

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 95334887
Conc: 496.95 ng/ml m



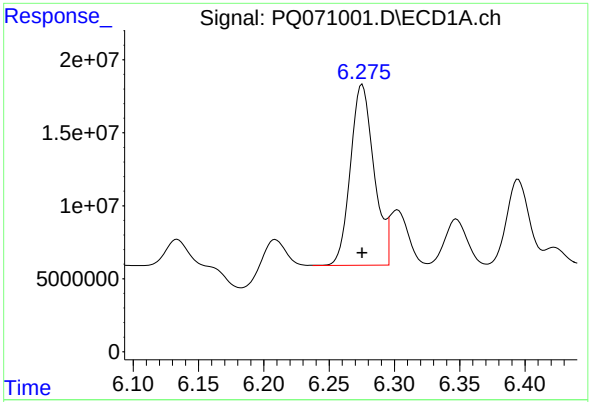
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 124588657
Conc: 531.36 ng/ml m



#31 AR-1260-1

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 179013037
Conc: 496.70 ng/ml m



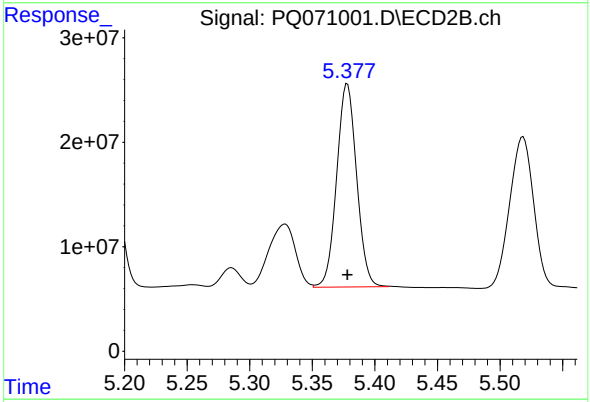
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 157664225
Conc: 569.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

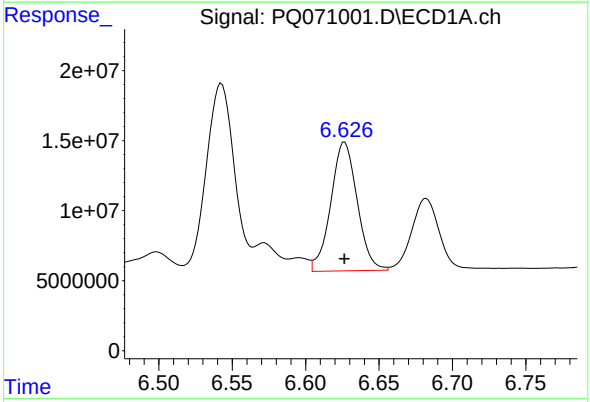
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



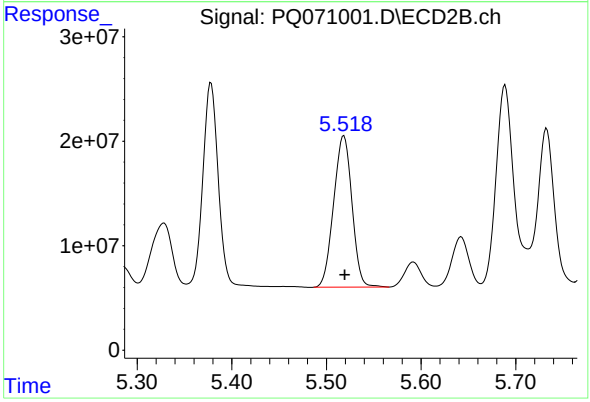
#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 216382734
Conc: 491.79 ng/ml m



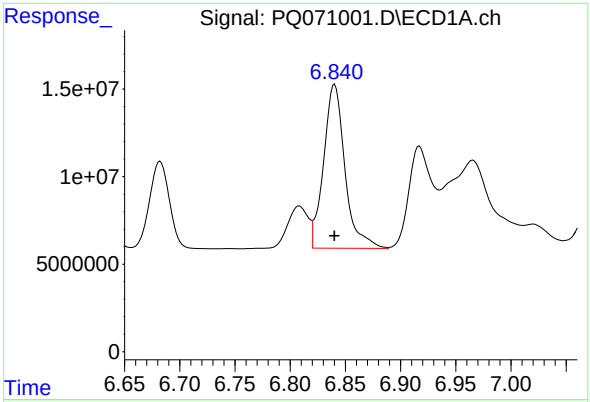
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 114998797
Conc: 576.99 ng/ml



#33 AR-1260-3

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 195084285
Conc: 470.08 ng/ml



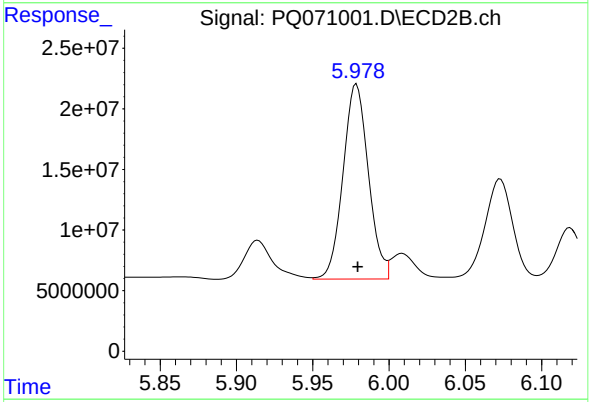
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 126086390
Conc: 586.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

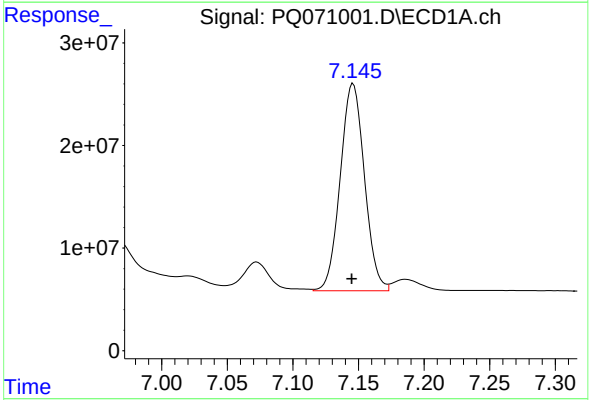
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



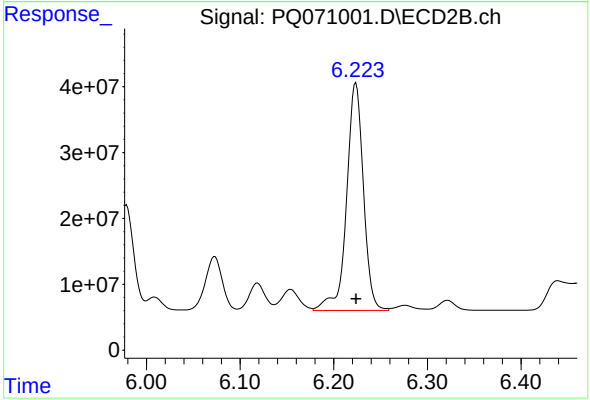
#34 AR-1260-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 186221665
Conc: 517.62 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.001 min
Response: 259323595
Conc: 597.83 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 433038147
Conc: 515.35 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 17:41
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:19:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:16:43 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...	3.400	2.778	255.6E6	301.0E6	55.692	54.076
2)	SA Decachlor...	8.496	7.534	182.2E6	328.4E6	55.793	58.440
	Target Compounds						
16)	L4 AR-1242-1	4.480	3.778	67446984	88802083	567.010	545.258
17)	L4 AR-1242-2	4.499	3.793	106.5E6	130.9E6	558.407	542.137
18)	L4 AR-1242-3	4.556	3.952	65846450	69528801	553.814	527.451m
19)	L4 AR-1242-4	4.646	4.039	55324188	66246241	555.710	578.219
20)	L4 AR-1242-5	5.349	4.534	35965359	88786139	456.866	509.855

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 17:41
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

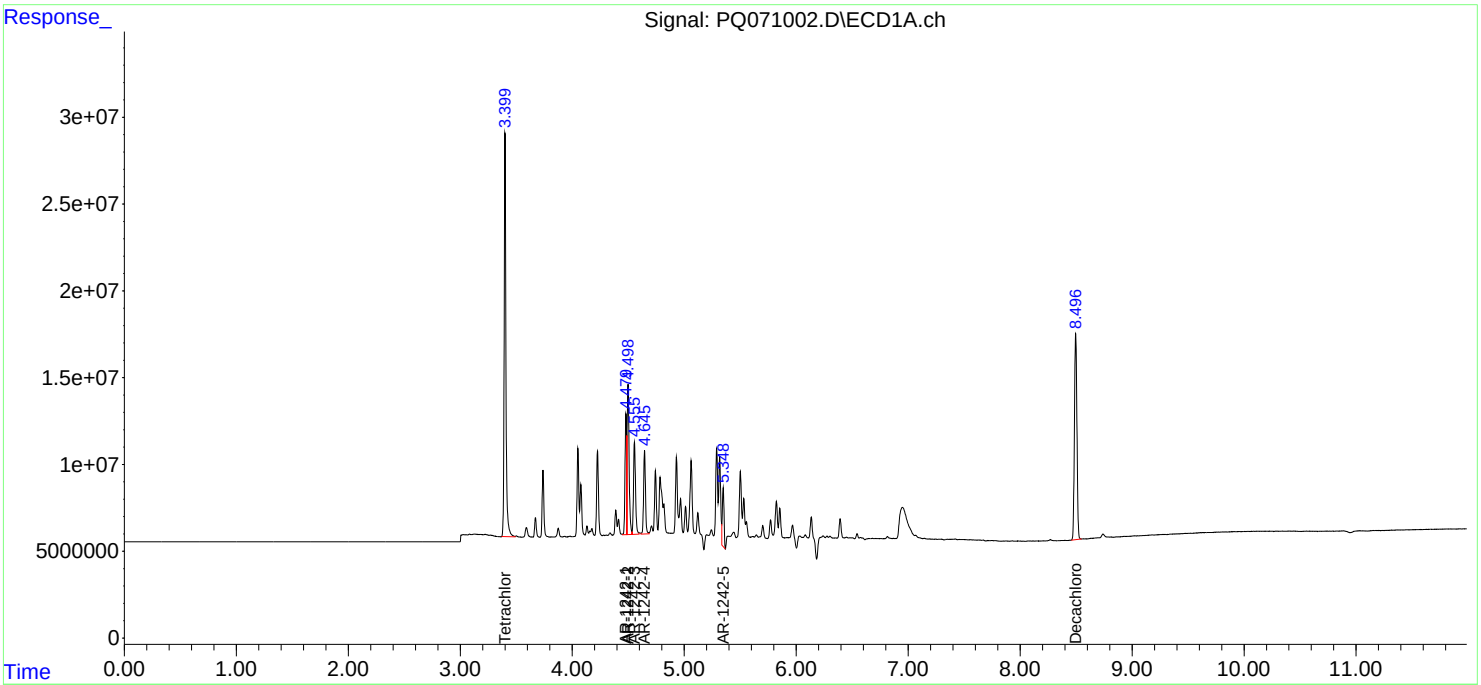
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

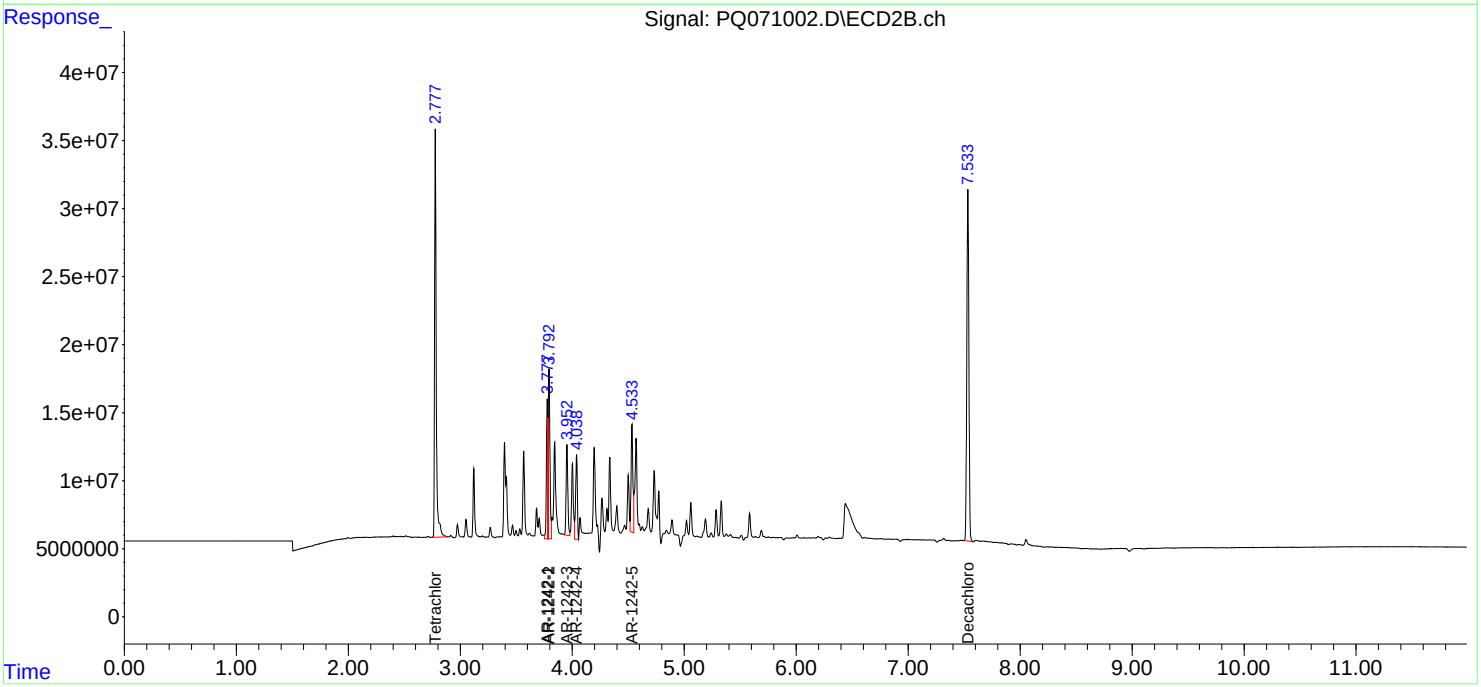
Manual Integrations APPROVED

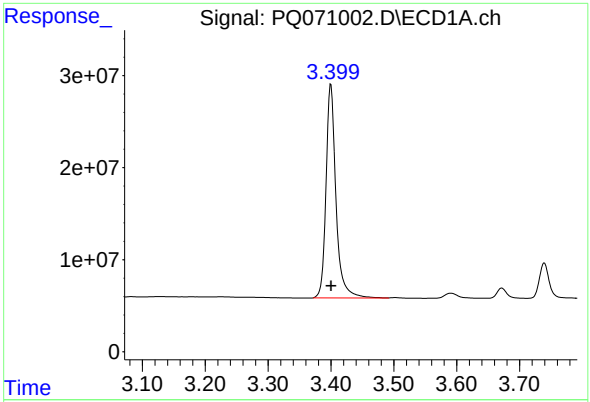
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:19:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:16:43 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







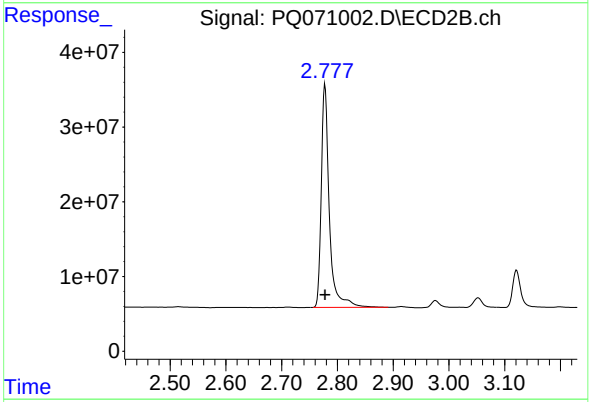
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 255633420
Conc: 55.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

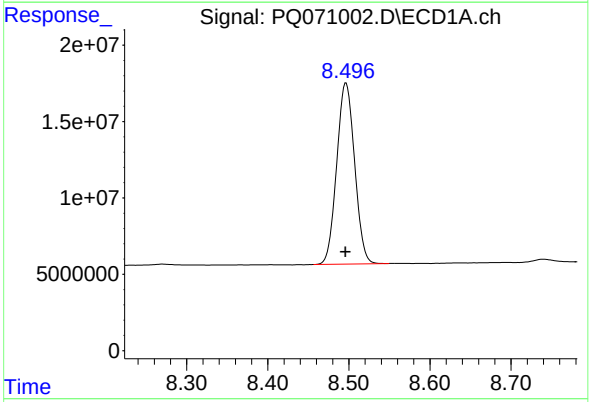
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



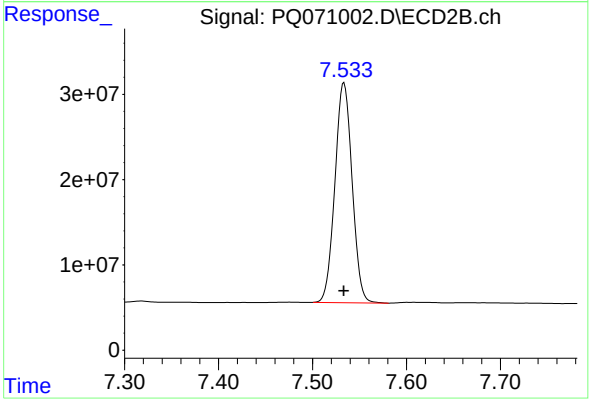
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 301010208
Conc: 54.08 ng/ml



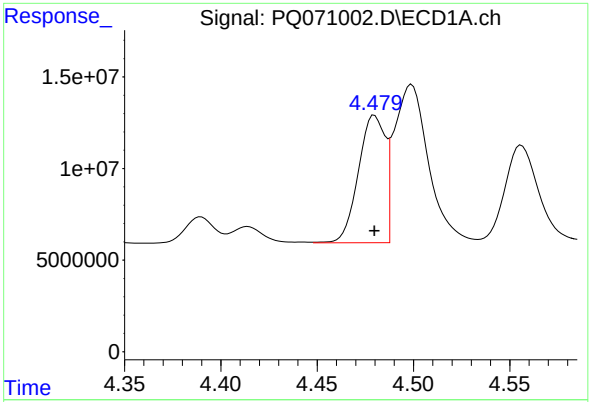
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 182166881
Conc: 55.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 328407221
Conc: 58.44 ng/ml



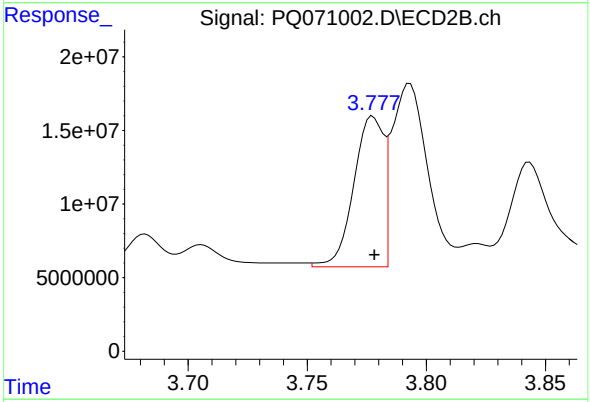
#16 AR-1242-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 67446984
Conc: 567.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

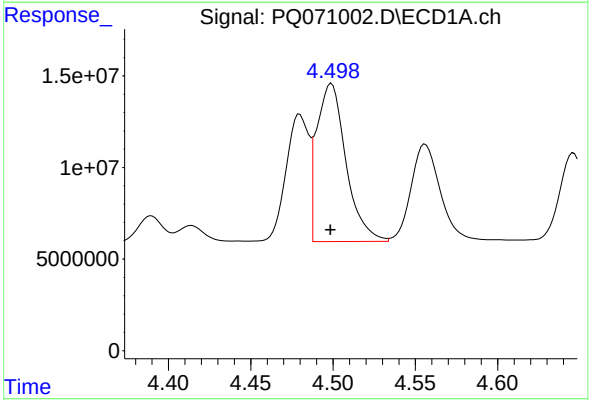
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



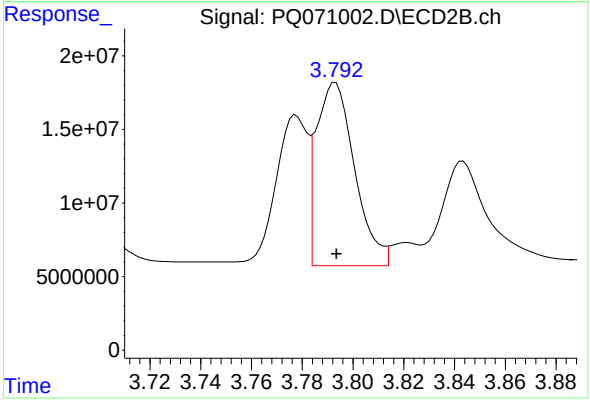
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 88802083
Conc: 545.26 ng/ml



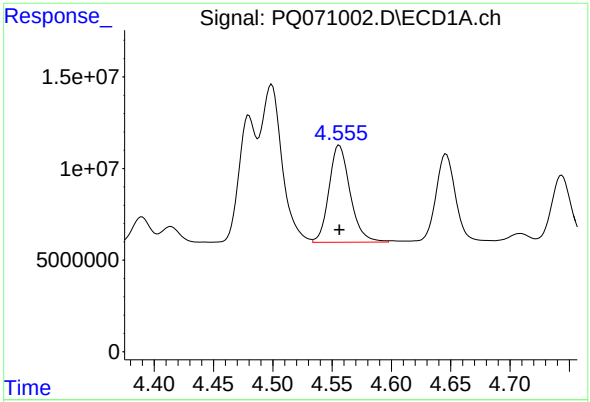
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 106495313
Conc: 558.41 ng/ml



#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 130858283
Conc: 542.14 ng/ml



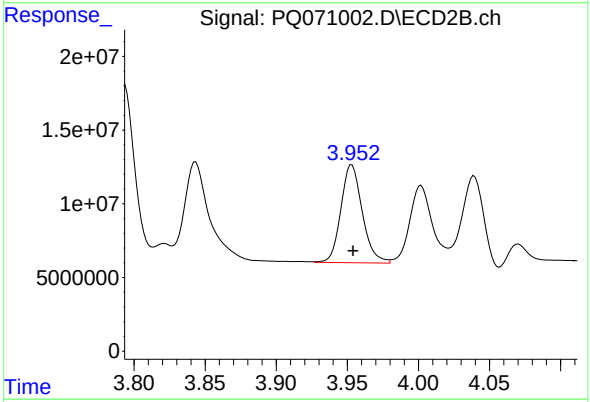
#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 65846450
Conc: 553.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

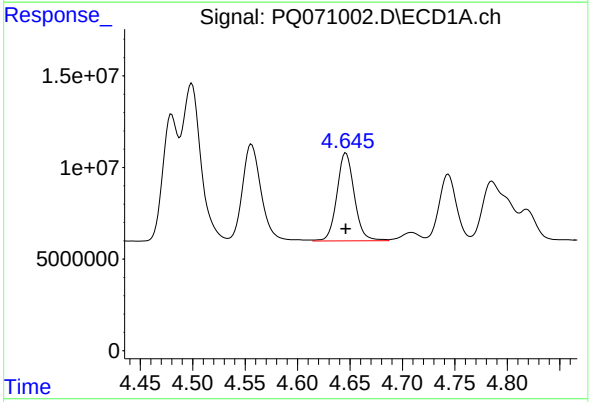
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



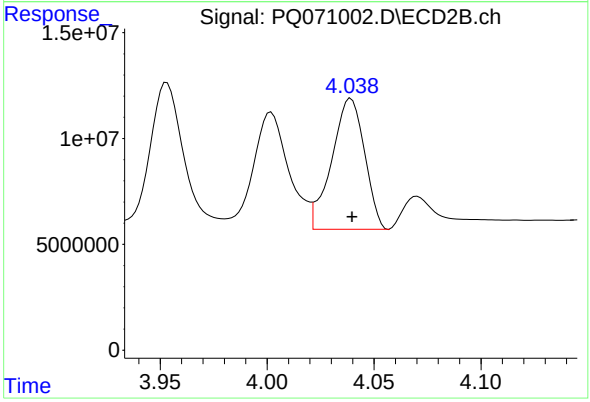
#18 AR-1242-3

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 69528801
Conc: 527.45 ng/ml m



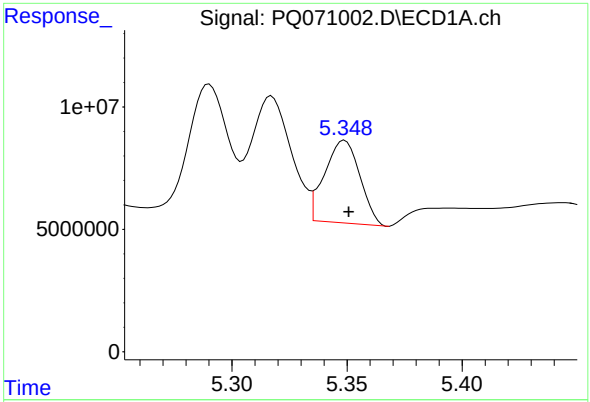
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 55324188
Conc: 555.71 ng/ml



#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 66246241
Conc: 578.22 ng/ml



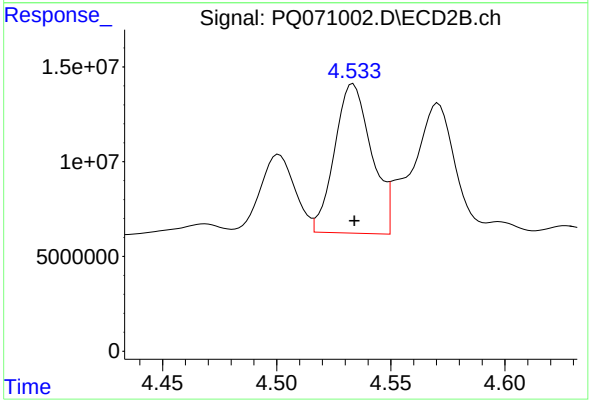
#20 AR-1242-5

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 35965359
Conc: 456.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 88786139
Conc: 509.86 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 18:25
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:26:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:23:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	253.0E6	292.6E6	54.792	52.505
2)	SA Decachlor...	8.497	7.534	179.8E6	324.3E6	54.114	56.854
	Target Compounds						
21)	L5 AR-1248-1	4.480	3.777	47223685	65282112	527.847	516.093
22)	L5 AR-1248-2	4.743	4.002	73173417	97020820	536.277	514.526
23)	L5 AR-1248-3	4.931	4.039	87732864	87534945	543.629	487.239
24)	L5 AR-1248-4	5.317	4.196	98470443	117.2E6	567.576m	522.551m
25)	L5 AR-1248-5	5.349	4.571	59958766	126.5E6	402.630m	543.081 #

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 18:25
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

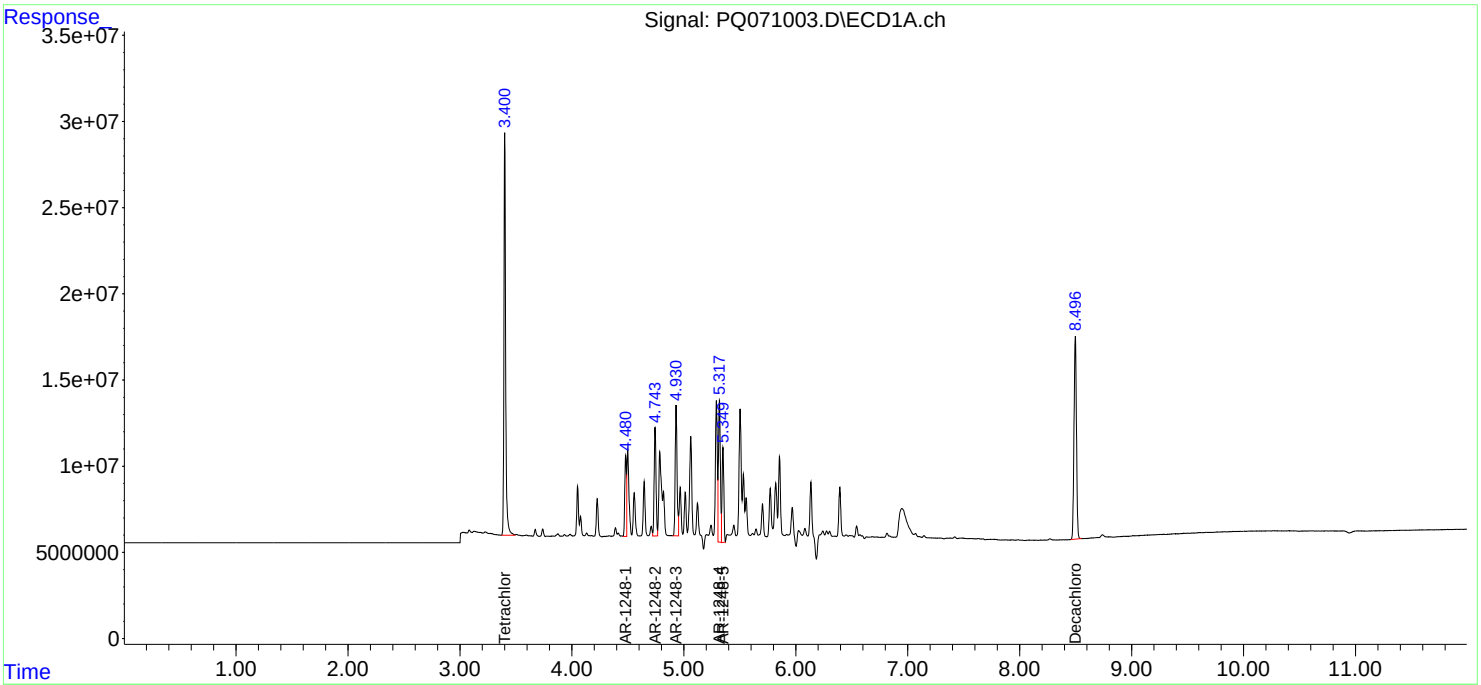
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

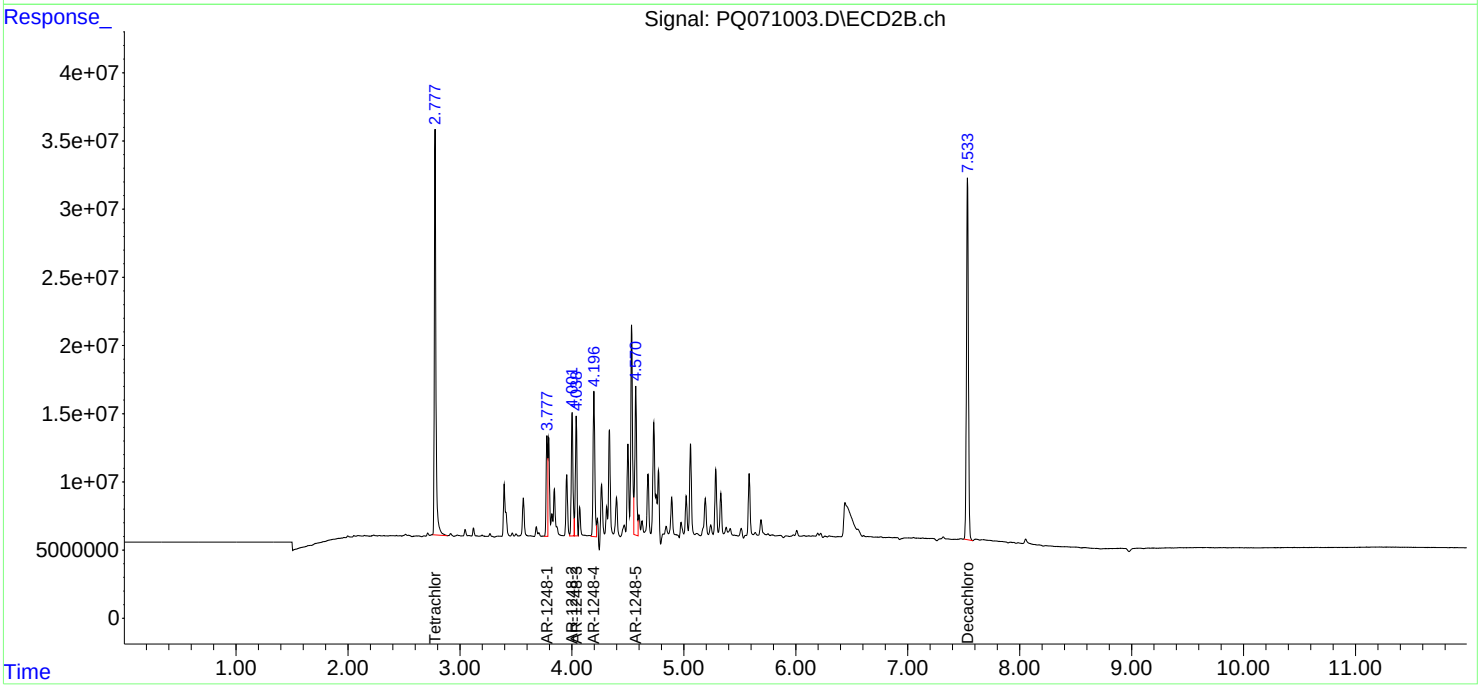
Manual Integrations APPROVED

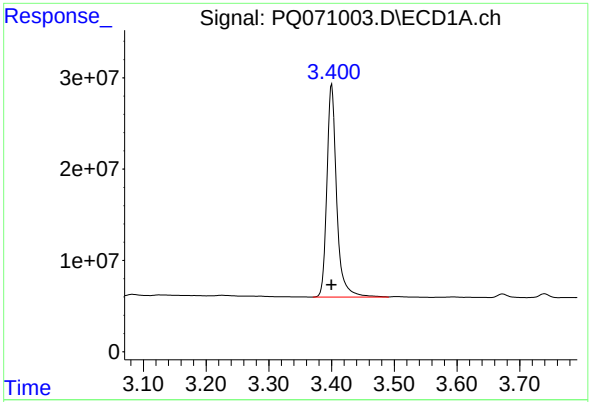
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:26:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:23:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







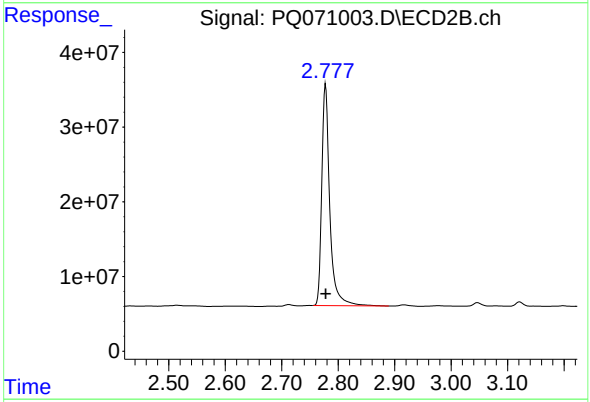
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 253021754
Conc: 54.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

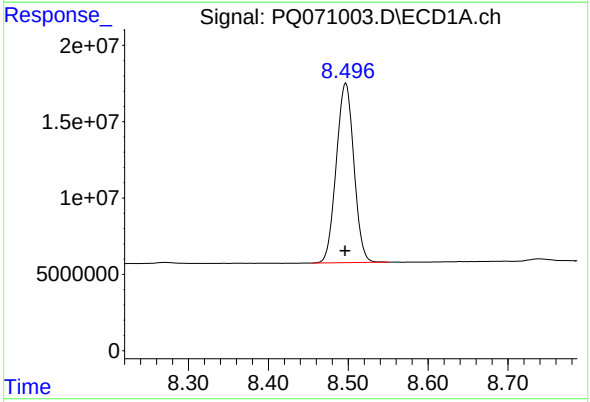
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



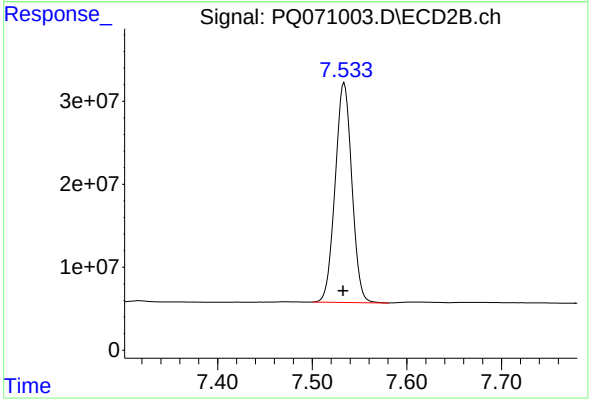
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 292628939
Conc: 52.50 ng/ml



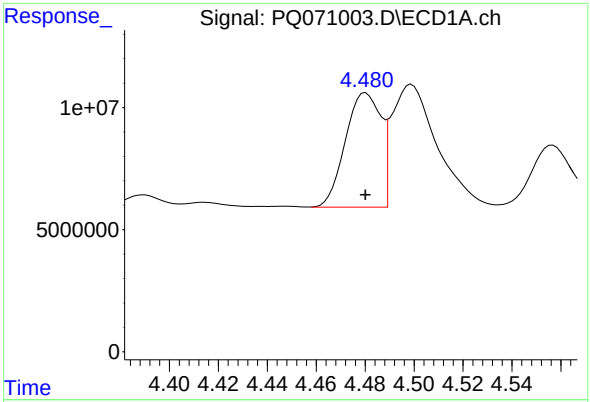
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 179847567
Conc: 54.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.001 min
Response: 324345066
Conc: 56.85 ng/ml



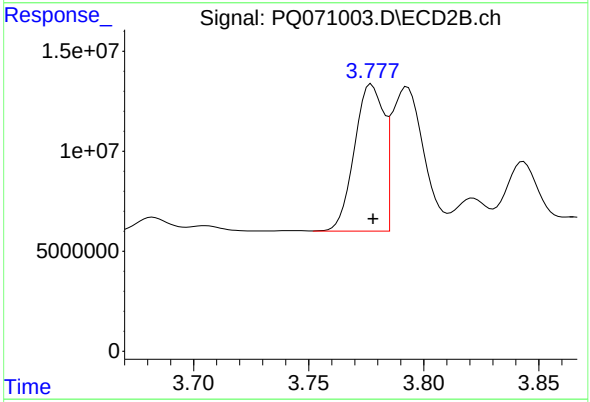
#21 AR-1248-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 47223685
Conc: 527.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

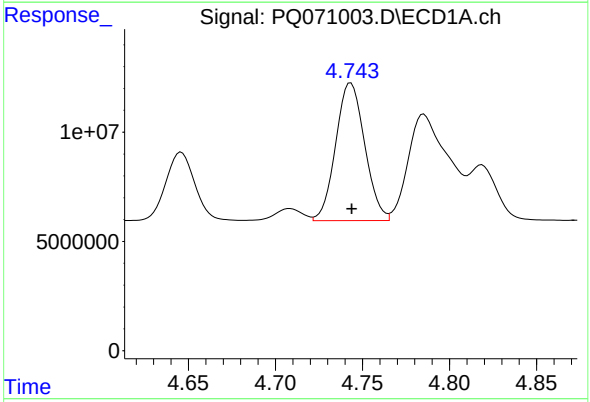
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



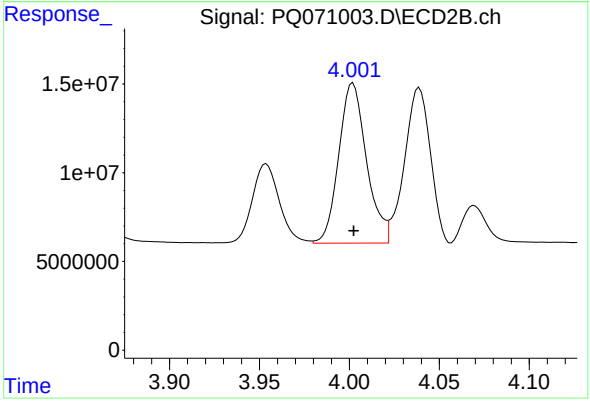
#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 65282112
Conc: 516.09 ng/ml



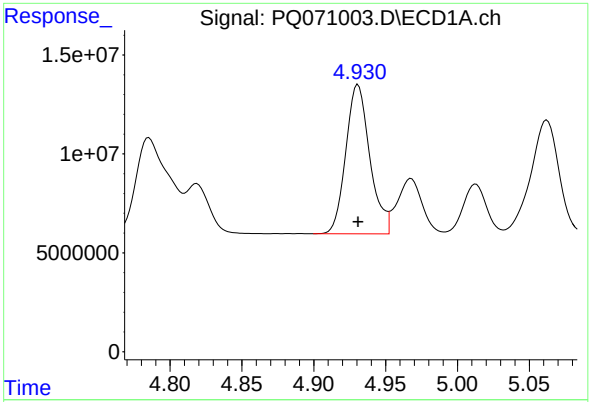
#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 73173417
Conc: 536.28 ng/ml



#22 AR-1248-2

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 97020820
Conc: 514.53 ng/ml



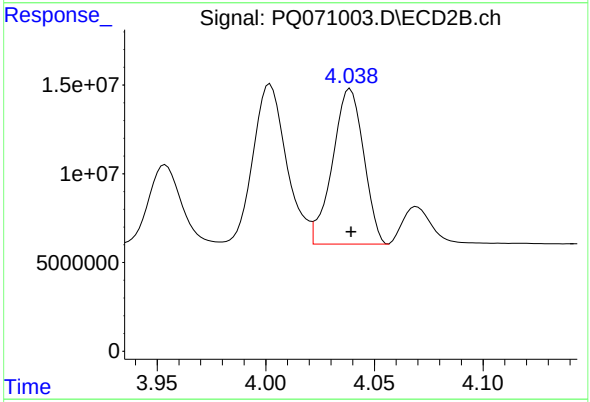
#23 AR-1248-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 87732864
Conc: 543.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

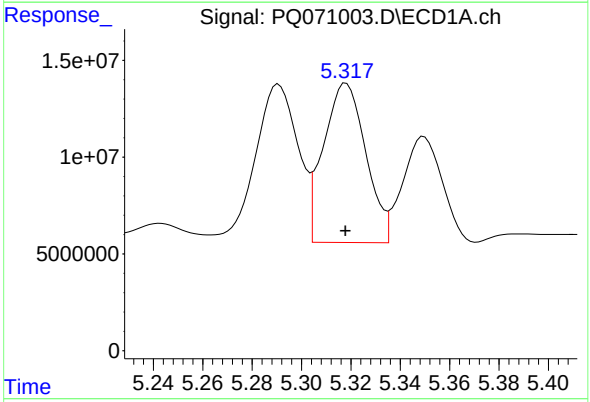
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



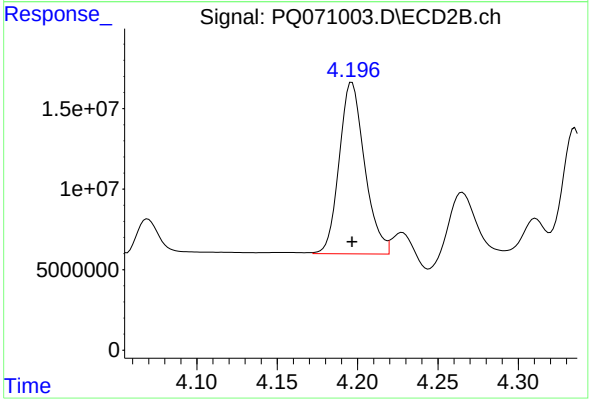
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 87534945
Conc: 487.24 ng/ml



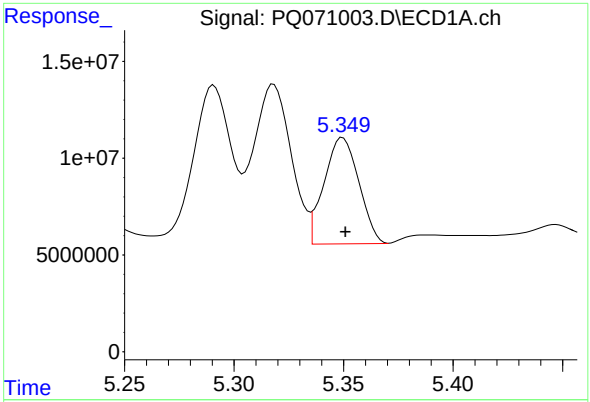
#24 AR-1248-4

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 98470443
Conc: 567.58 ng/ml m



#24 AR-1248-4

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 117224408
Conc: 522.55 ng/ml m



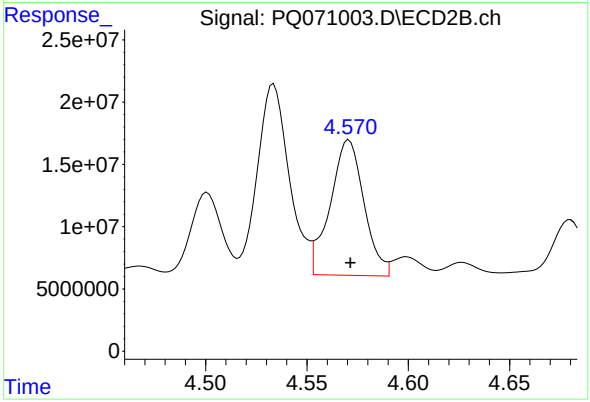
#25 AR-1248-5

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 59958766
Conc: 402.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 126452467
Conc: 543.08 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:08
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:34:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:30:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	247.0E6	287.2E6	56.214	55.217
2)	SA Decachlor...	8.498	7.533	175.2E6	316.3E6	55.323	56.717
	Target Compounds						
26)	L6 AR-1254-1	5.293	4.533	115.3E6	191.1E6	587.461	566.643
27)	L6 AR-1254-2	5.507	4.680	167.9E6	162.6E6	578.152	547.137
28)	L6 AR-1254-3	5.855	5.060	176.3E6	253.6E6	573.790	542.980
29)	L6 AR-1254-4	6.134	5.286	124.7E6	161.4E6	568.016	546.628
30)	L6 AR-1254-5	6.544	5.690	130.6E6	228.4E6	563.253	543.396

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

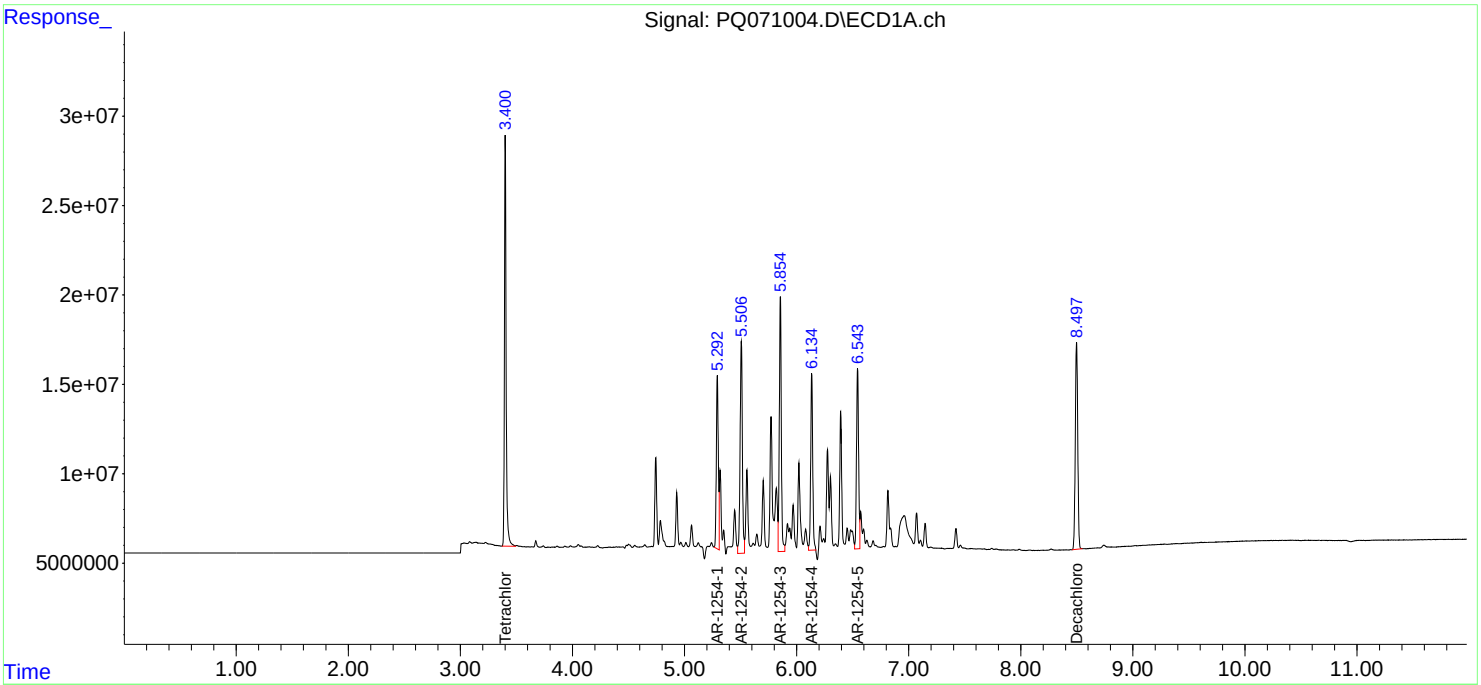
ICAL Form

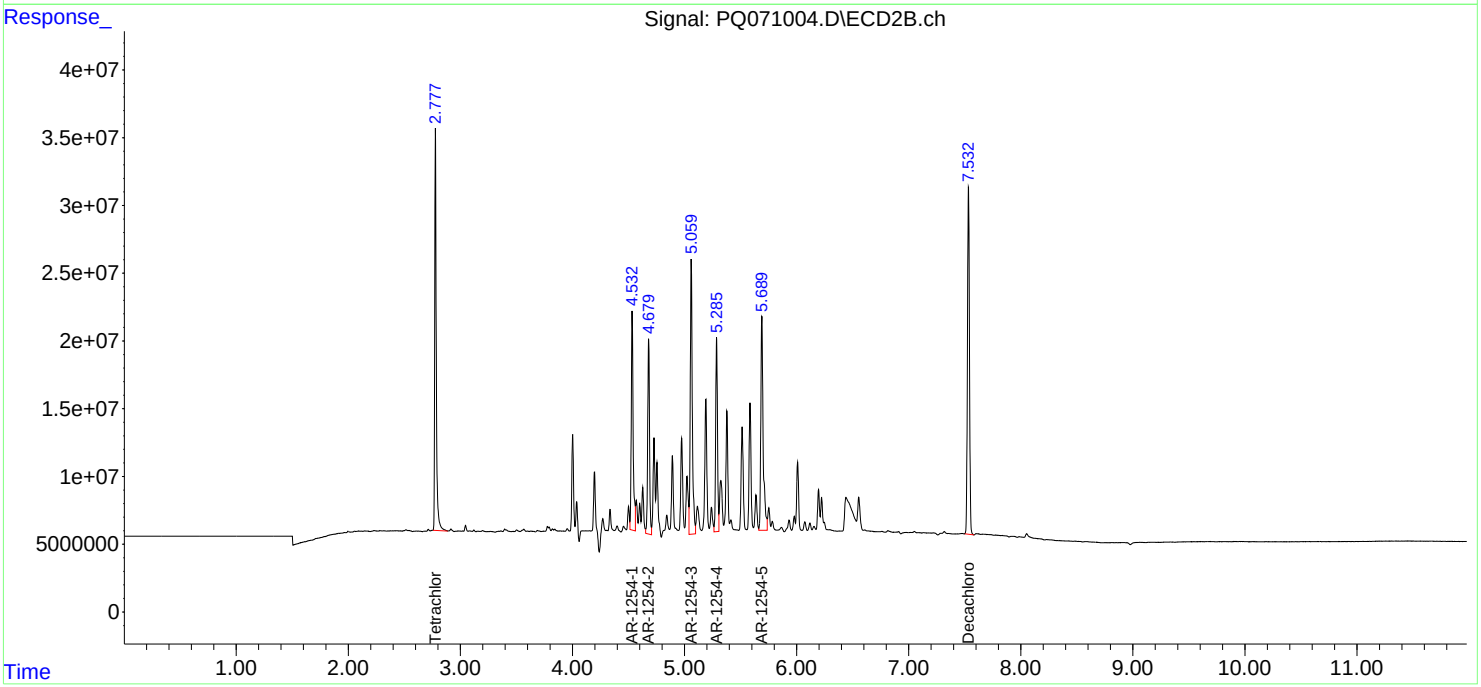
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:08
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

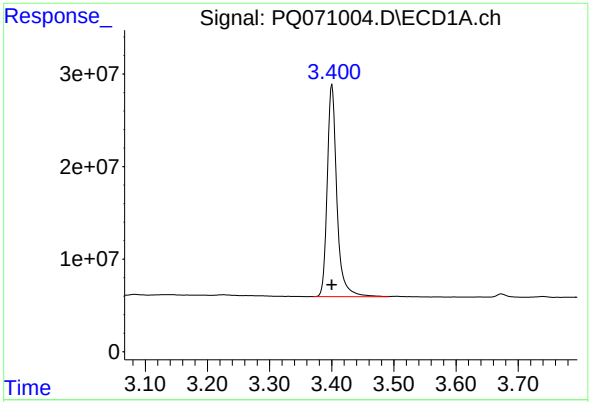
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:34:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:30:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



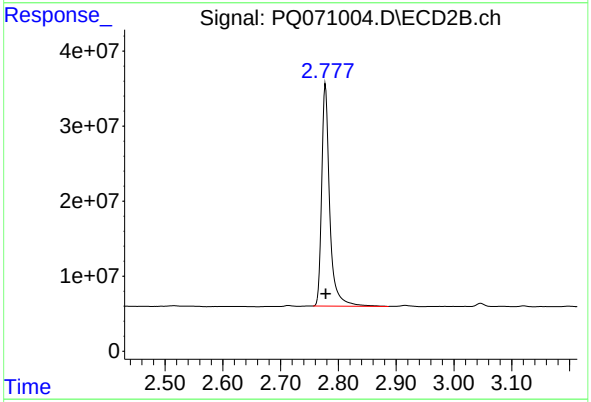




#1 Tetrachloro-m-xylene

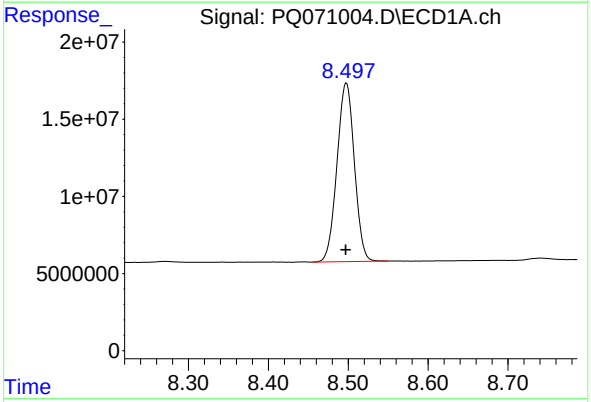
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 246956460
Conc: 56.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



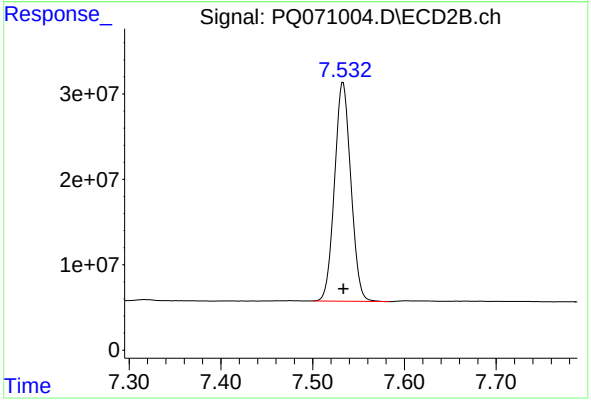
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 287227626
Conc: 55.22 ng/ml



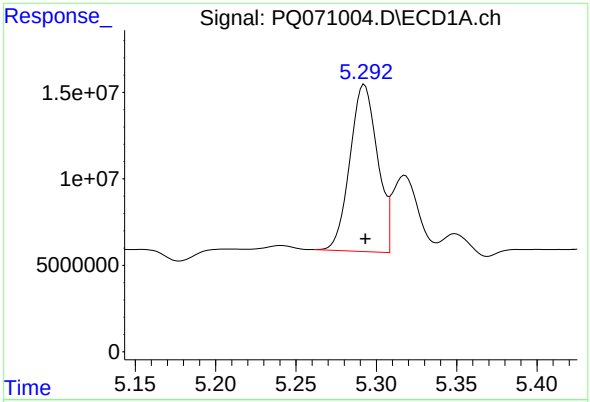
#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 175150667
Conc: 55.32 ng/ml



#2 Decachlorobiphenyl

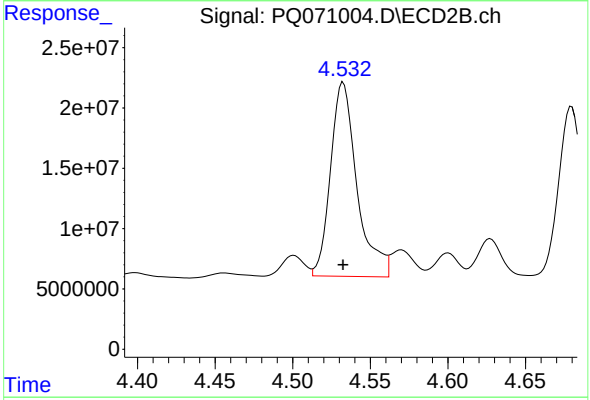
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 316297966
Conc: 56.72 ng/ml



#26 AR-1254-1

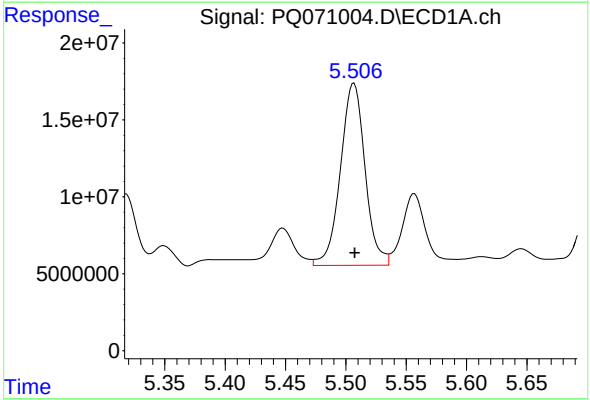
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 115305910
Conc: 587.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



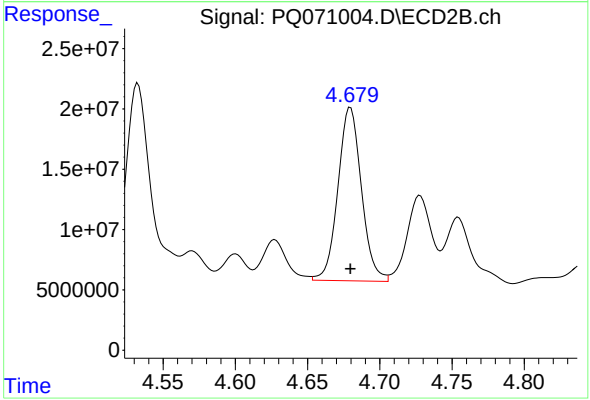
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 191078779
Conc: 566.64 ng/ml



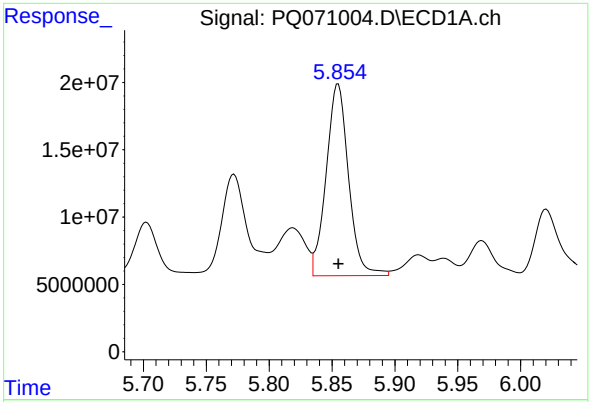
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 167943478
Conc: 578.15 ng/ml



#27 AR-1254-2

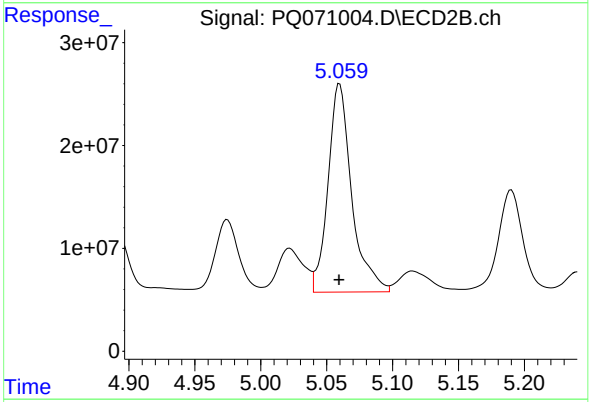
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 162584096
Conc: 547.14 ng/ml



#28 AR-1254-3

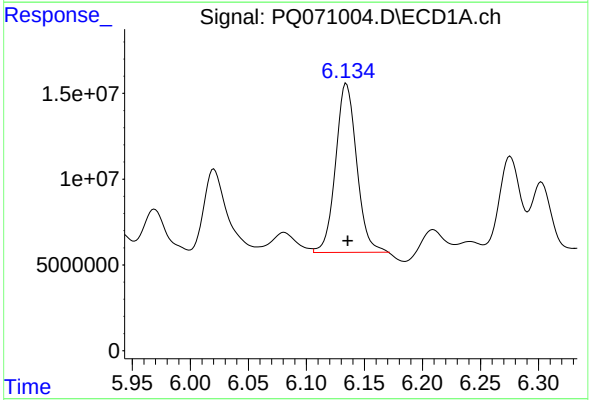
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 176272565
Conc: 573.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



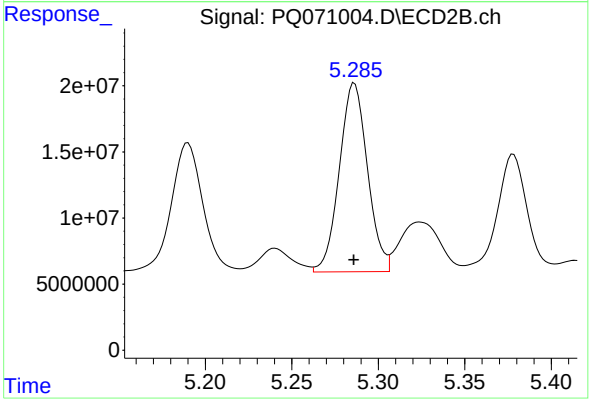
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 253607279
Conc: 542.98 ng/ml



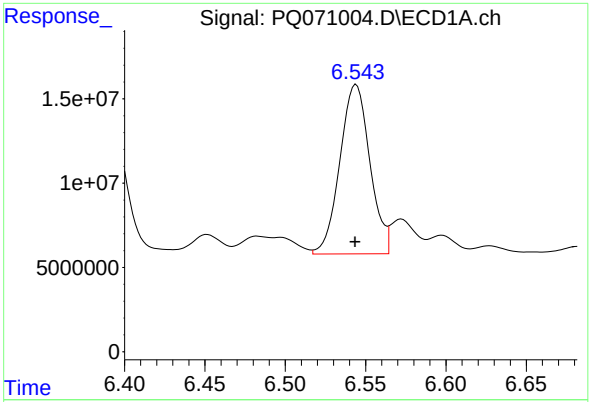
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: -0.001 min
Response: 124702483
Conc: 568.02 ng/ml



#29 AR-1254-4

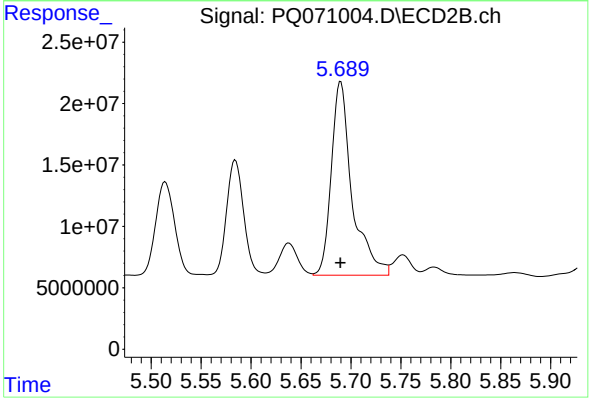
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 161392628
Conc: 546.63 ng/ml



#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 130615840
Conc: 563.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 228416064
Conc: 543.40 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:37:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.777	256.6E6	296.1E6	52.549	51.872
2)	SA Decachlor...	8.497	7.533	317.0E6	560.4E6	52.621	50.721
	Target Compounds						
41)	L9 AR-1268-1	7.418	6.500	307.3E6	498.7E6	527.367	511.825
42)	L9 AR-1268-2	7.495	6.563	283.4E6	464.0E6	533.785	516.248
43)	L9 AR-1268-3	7.677	6.763	233.9E6	395.9E6	539.709	506.489
44)	L9 AR-1268-4	7.989	7.051	100.4E6	175.1E6	534.727	508.315
45)	L9 AR-1268-5	8.271	7.318	696.8E6	1236.0E6	531.266	510.673

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

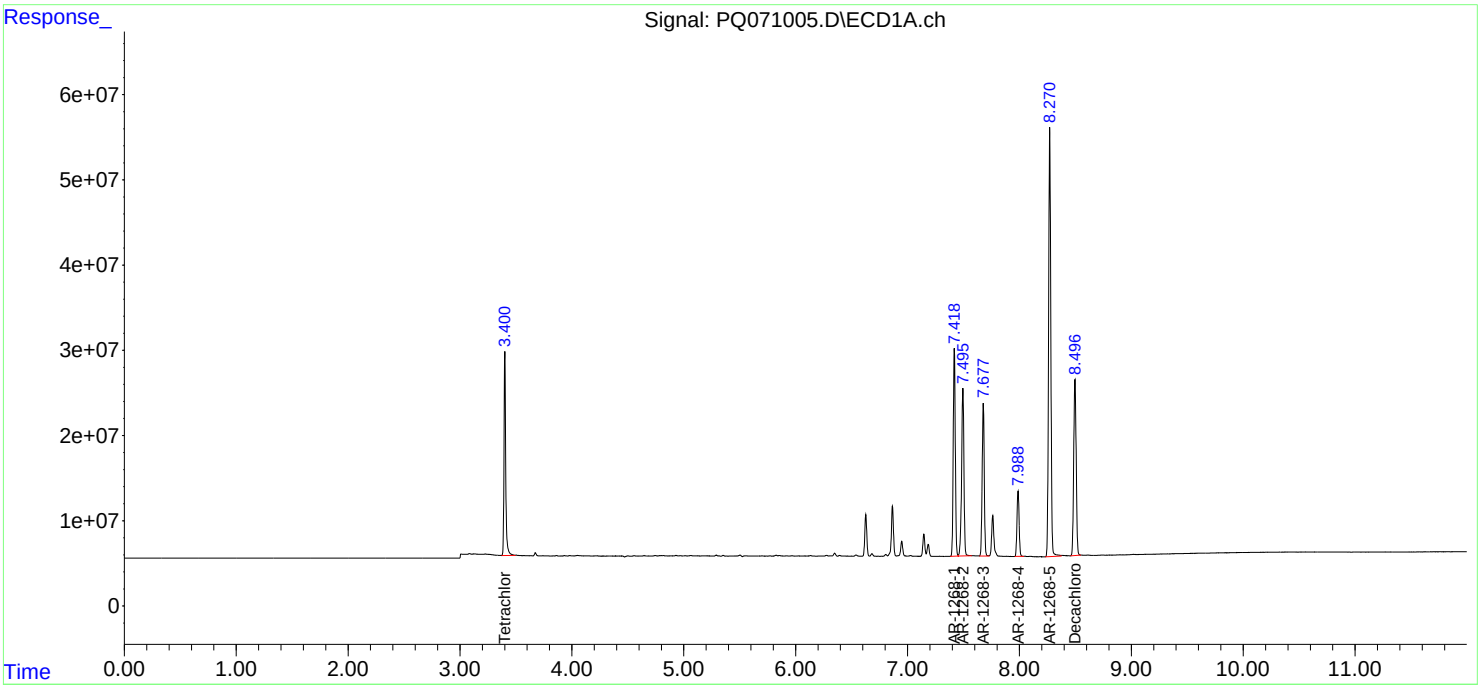
ICAL Form

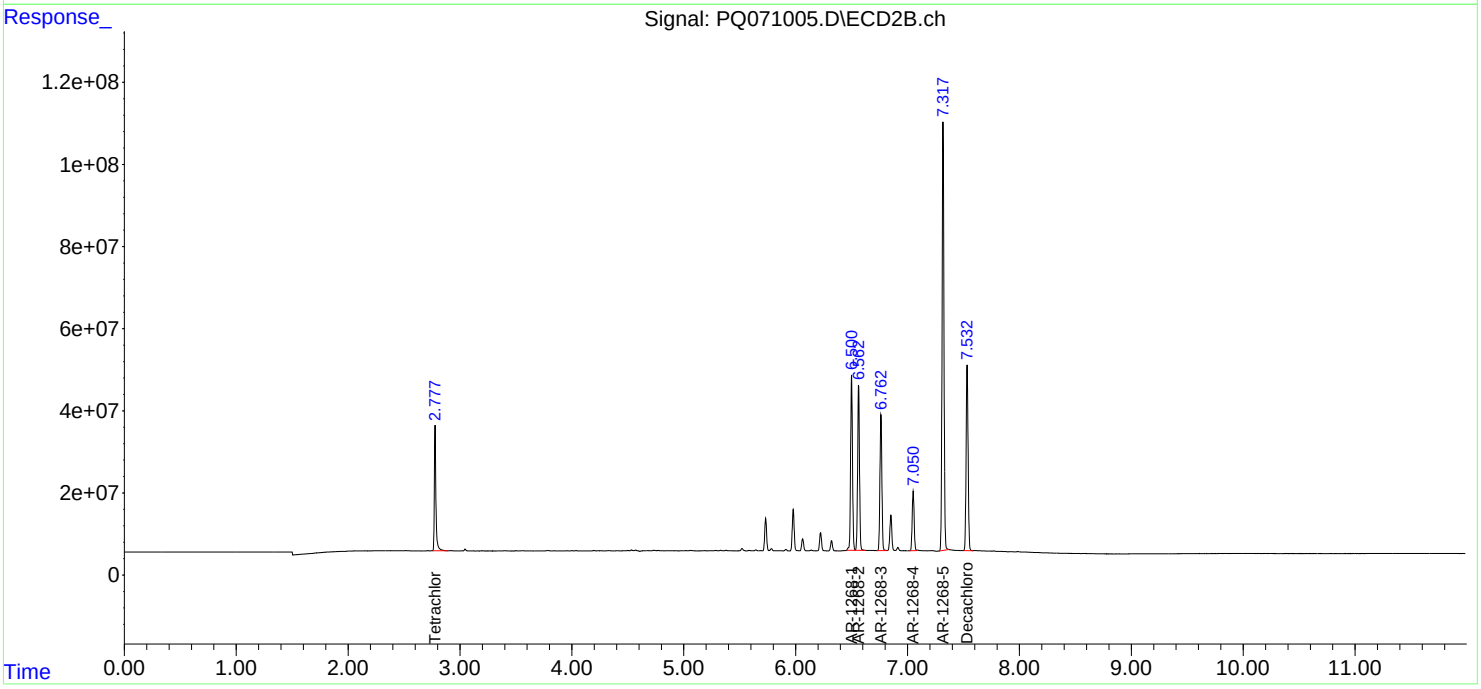
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

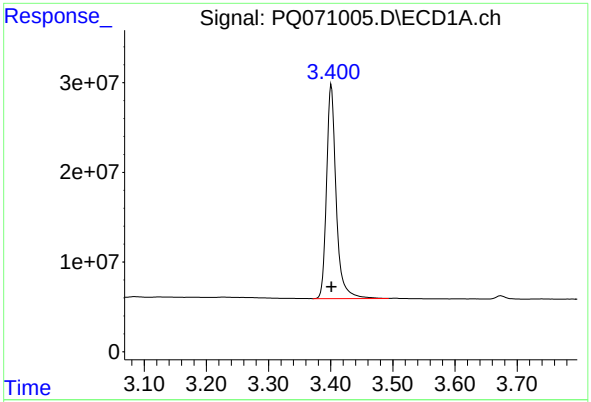
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:37:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



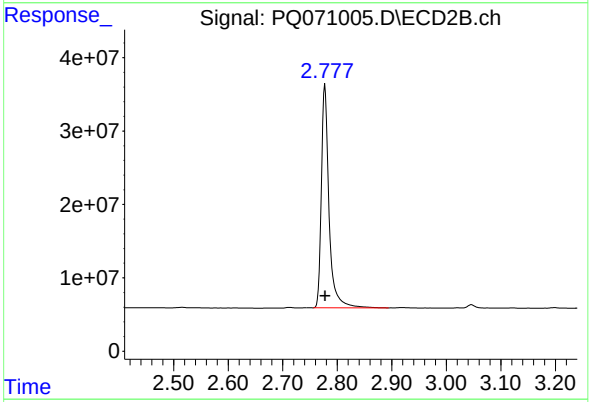




#1 Tetrachloro-m-xylene

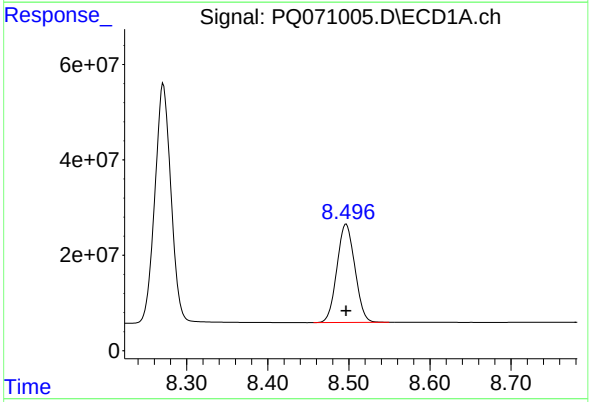
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 256641615
Conc: 52.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



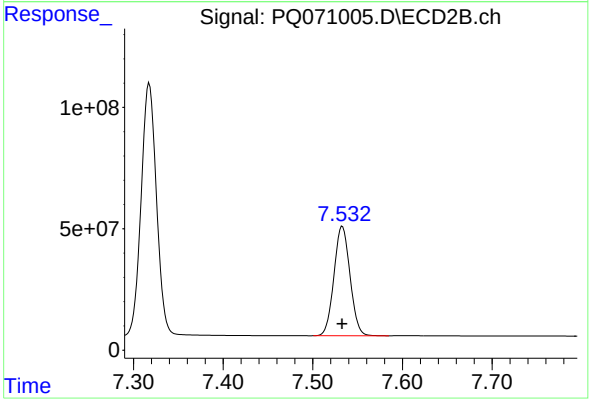
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 296113428
Conc: 51.87 ng/ml



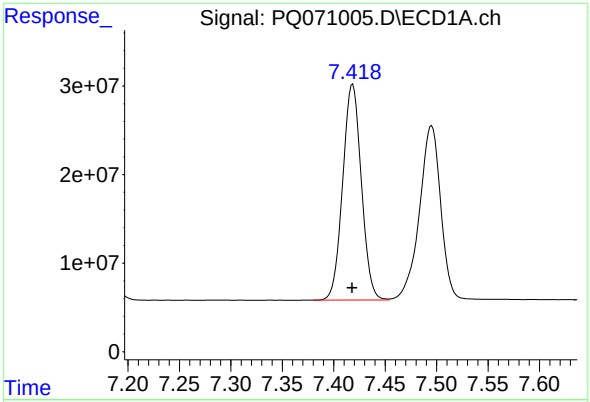
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 317031582
Conc: 52.62 ng/ml



#2 Decachlorobiphenyl

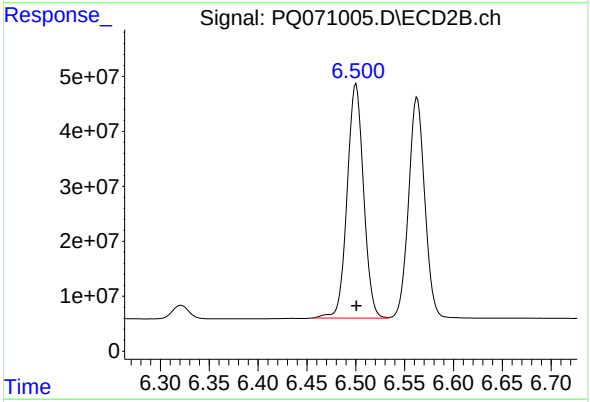
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 560415145
Conc: 50.72 ng/ml



#41 AR-1268-1

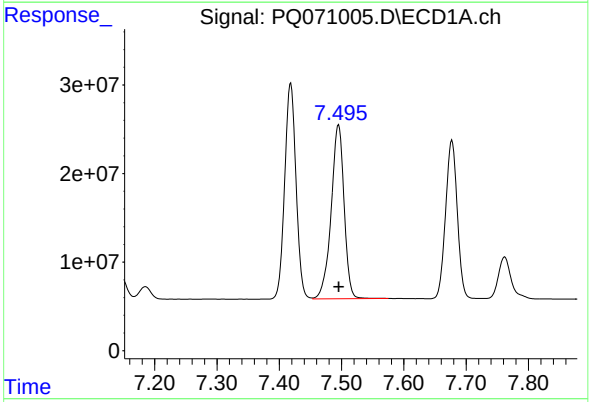
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 307261040
Conc: 527.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



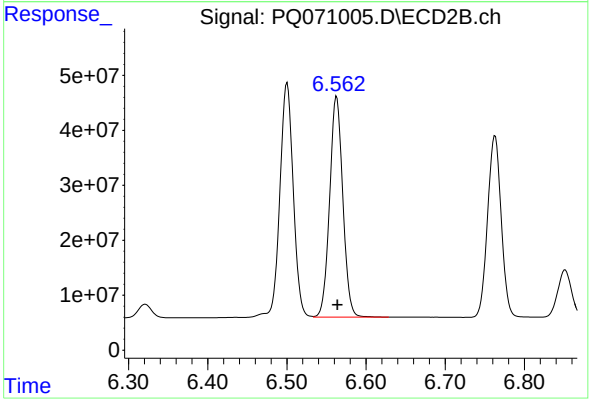
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 498745928
Conc: 511.83 ng/ml



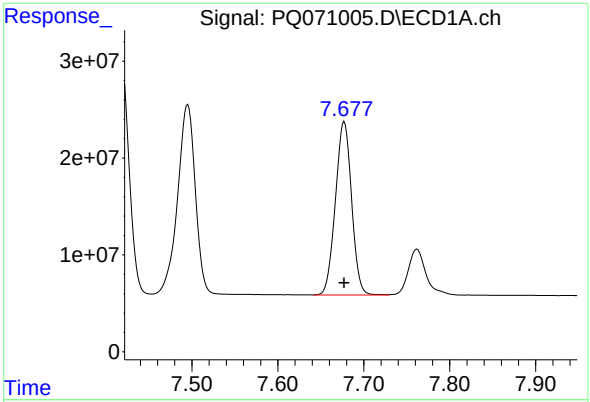
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 283380161
Conc: 533.78 ng/ml



#42 AR-1268-2

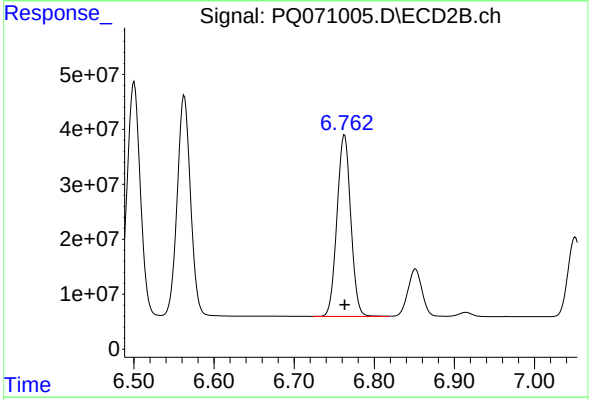
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 463960839
Conc: 516.25 ng/ml



#43 AR-1268-3

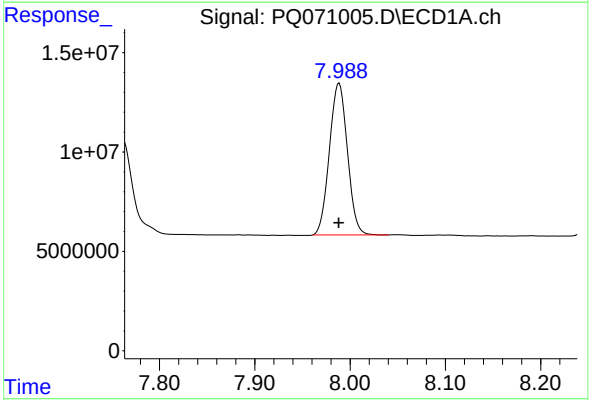
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 233855867
Conc: 539.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



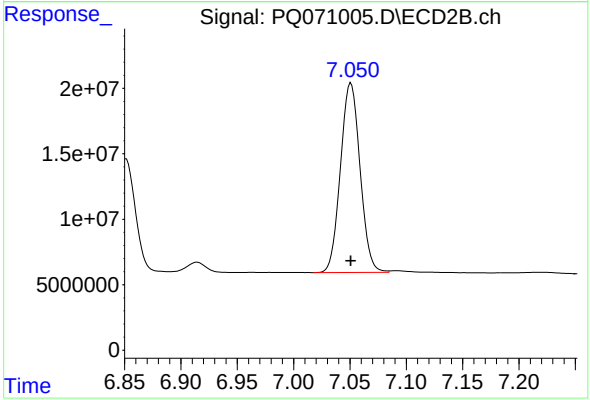
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 395934354
Conc: 506.49 ng/ml



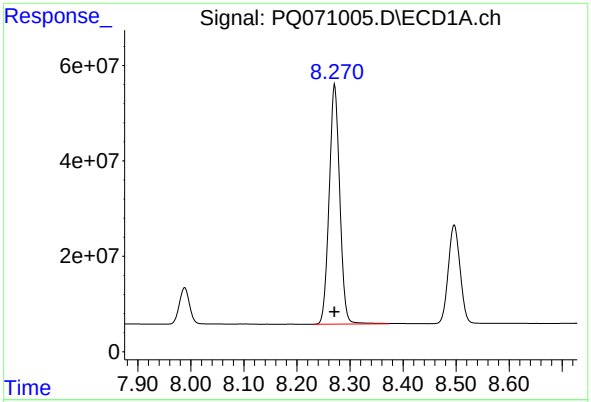
#44 AR-1268-4

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 100352602
Conc: 534.73 ng/ml



#44 AR-1268-4

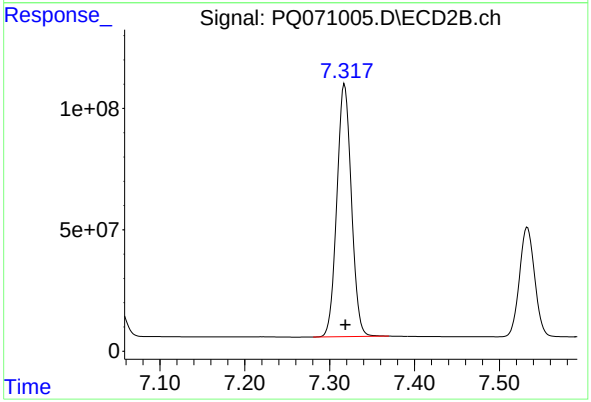
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 175126997
Conc: 508.32 ng/ml



#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 696811272
Conc: 531.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1236017444
Conc: 510.67 ng/ml

Raw Data: **PO114652.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 09:03 **Initial Calibration Time(s):** 14:14 22:29

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)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.58	5.48	5.68	0.01
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.08	6.98	7.18	0.01
Aroclor-1260-2	(2)	7.33	7.33	7.23	7.43	0.00
Aroclor-1260-3	(3)	7.69	7.69	7.59	7.79	0.01
Aroclor-1260-4	(4)	7.91	7.91	7.81	8.01	0.00
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.36	4.26	4.46	0.01
Decachlorobiphenyl		9.94	9.93	9.83	10.03	-0.01

Raw Data: **PO114652.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 09:03 **Initial Calibration Time(s):** 14:14 22:29

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)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.23	6.13	6.33	0.02
Aroclor-1260-2	(2)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-3	(3)	6.55	6.57	6.47	6.67	0.02
Aroclor-1260-4	(4)	7.03	7.04	6.94	7.14	0.01
Aroclor-1260-5	(5)	7.27	7.28	7.18	7.38	0.02
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114652.D **Time Analyzed:** 09:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.491	5.392	5.592	595.410	500.000	19.1
Aroclor-1016-2	5.513	5.414	5.614	563.270	500.000	12.7
Aroclor-1016-3	5.574	5.476	5.676	552.740	500.000	10.5
Aroclor-1016-4	5.670	5.571	5.771	576.670	500.000	15.3
Aroclor-1016-5	5.961	5.863	6.063	598.910	500.000	19.8
Aroclor-1260-1	7.074	6.975	7.175	582.490	500.000	16.5
Aroclor-1260-2	7.328	7.229	7.429	570.150	500.000	14.0
Aroclor-1260-3	7.685	7.585	7.785	513.160	500.000	2.6
Aroclor-1260-4	7.907	7.807	8.007	564.370	500.000	12.9
Aroclor-1260-5	8.214	8.113	8.313	523.570	500.000	4.7
Decachlorobiphenyl	9.935	9.834	10.034	53.270	50.000	6.5
Tetrachloro-m-xylene	4.352	4.255	4.455	59.030	50.000	18.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114652.D **Time Analyzed:** 09:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.734	4.643	4.843	522.020	500.000	4.4
Aroclor-1016-2	4.753	4.662	4.862	519.170	500.000	3.8
Aroclor-1016-3	4.928	4.836	5.036	543.990	500.000	8.8
Aroclor-1016-4	4.970	4.879	5.079	550.990	500.000	10.2
Aroclor-1016-5	5.182	5.092	5.292	545.410	500.000	9.1
Aroclor-1260-1	6.213	6.125	6.325	572.900	500.000	14.6
Aroclor-1260-2	6.401	6.313	6.513	588.880	500.000	17.8
Aroclor-1260-3	6.554	6.466	6.666	546.890	500.000	9.4
Aroclor-1260-4	7.025	6.939	7.139	594.800	500.000	19.0
Aroclor-1260-5	7.265	7.179	7.379	596.500	500.000	19.3
Decachlorobiphenyl	8.651	8.571	8.771	50.870	50.000	1.7
Tetrachloro-m-xylene	3.655	3.560	3.760	51.330	50.000	2.7

Sample Results: **PO114652.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102425\
Data File : PO114652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 09:03
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: Oct 24 13:00:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.352	3.655	320.5E6	205.4E6	59.029	51.333
2)	SA Decachlor...	9.935	8.651	194.0E6	169.6E6	53.272	50.875
	Target Compounds						
3)	L1 AR-1016-1	5.491	4.734	107.4E6	87899420	595.412	522.016
4)	L1 AR-1016-2	5.513	4.753	171.4E6	125.7E6	563.267	519.168
5)	L1 AR-1016-3	5.574	4.928	97753094	67537871	552.739	543.986
6)	L1 AR-1016-4	5.670	4.970	79323552	53184826	576.670	550.993
7)	L1 AR-1016-5	5.961	5.182	75621527	69733971	598.908	545.412
31)	L7 AR-1260-1	7.074	6.213	126.9E6	134.9E6	582.491	572.902
32)	L7 AR-1260-2	7.328	6.401	175.9E6	196.9E6	570.148	588.875
33)	L7 AR-1260-3	7.685	6.554	131.6E6	161.3E6	513.162	546.893
34)	L7 AR-1260-4	7.907	7.025	131.5E6	132.6E6	564.375	594.798
35)	L7 AR-1260-5	8.214	7.265	303.8E6	365.6E6	523.566	596.497

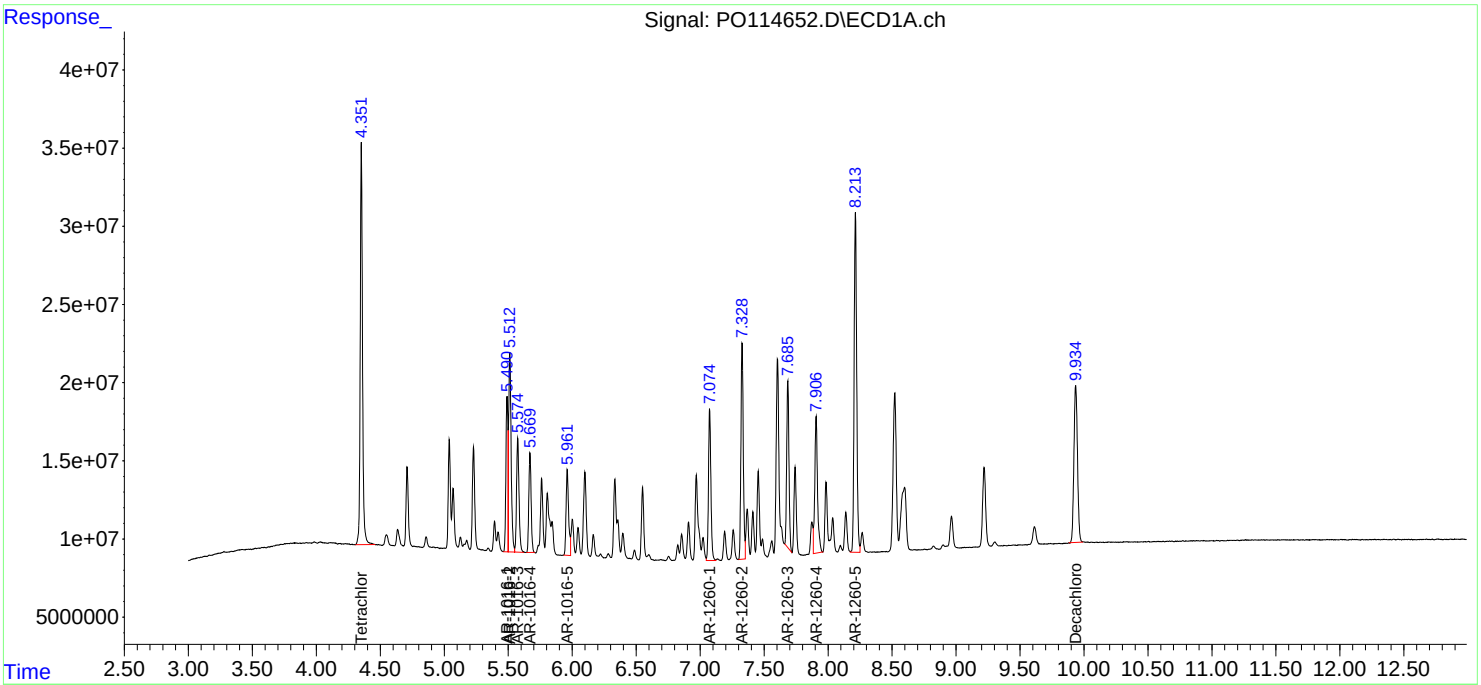
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

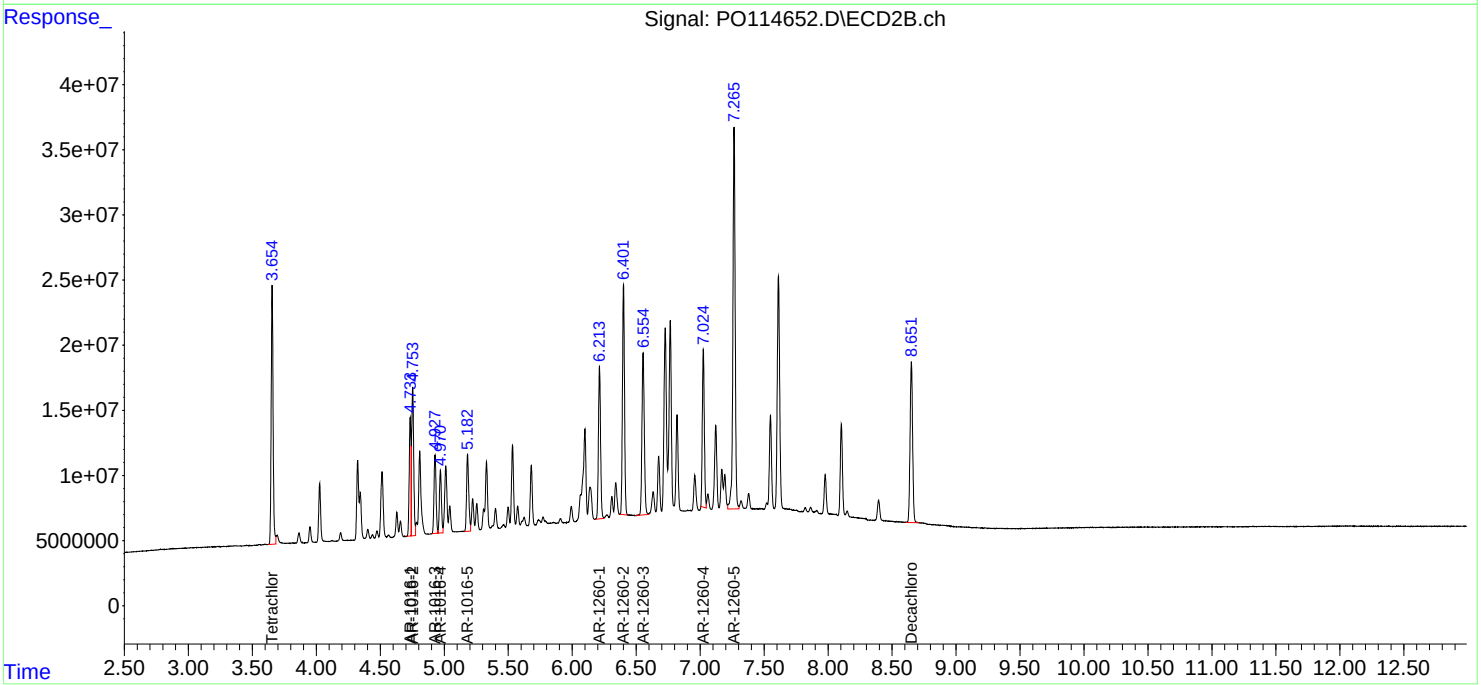
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102425\
Data File : PO114652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 09:03
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

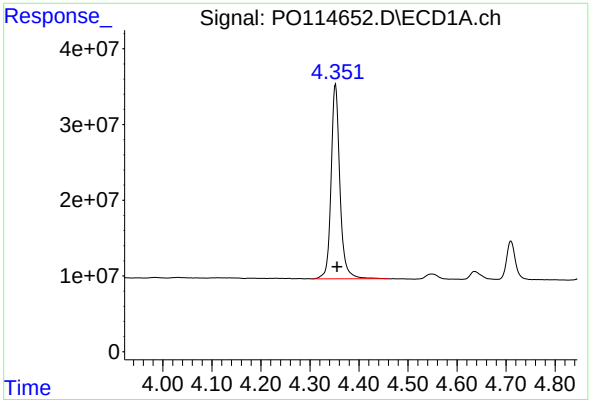
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 13:00:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



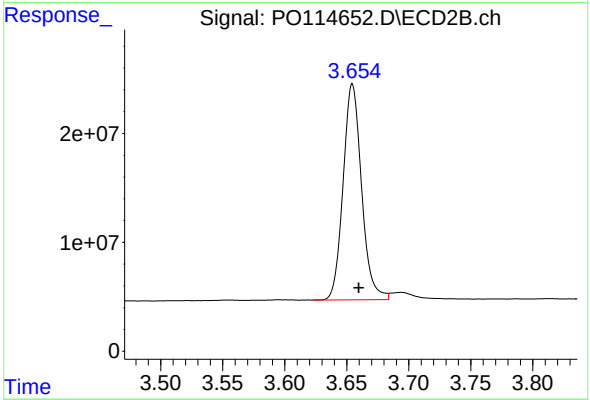




#1 Tetrachloro-m-xylene

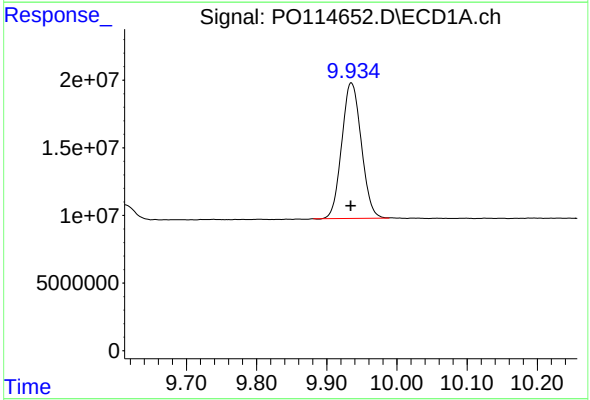
R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 320464988
Conc: 59.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



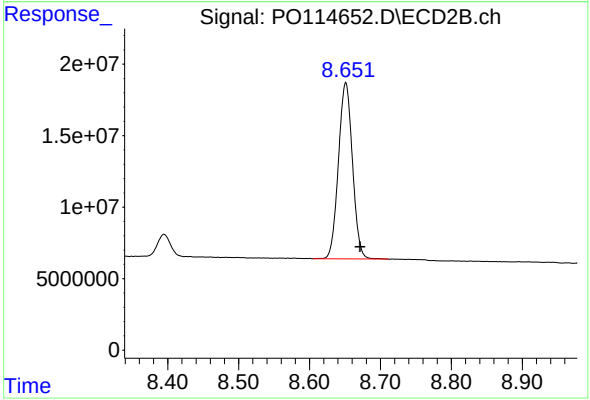
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: -0.005 min
Response: 205446073
Conc: 51.33 ng/ml



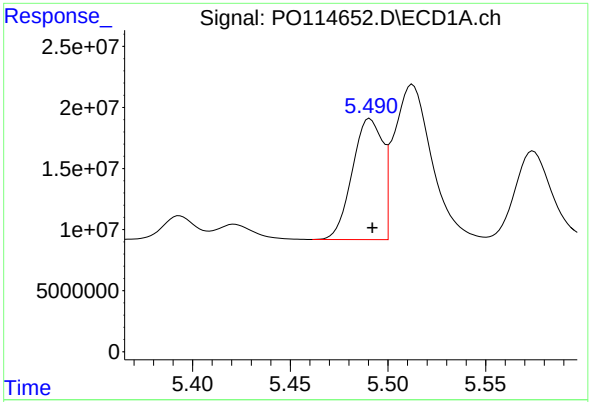
#2 Decachlorobiphenyl

R.T.: 9.935 min
Delta R.T.: 0.000 min
Response: 193969006
Conc: 53.27 ng/ml



#2 Decachlorobiphenyl

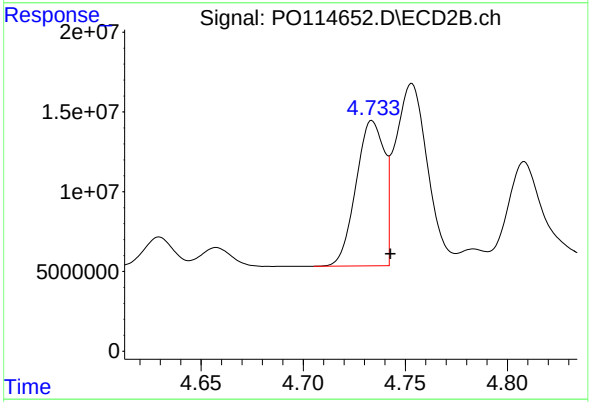
R.T.: 8.651 min
Delta R.T.: -0.020 min
Response: 169574440
Conc: 50.87 ng/ml



#3 AR-1016-1

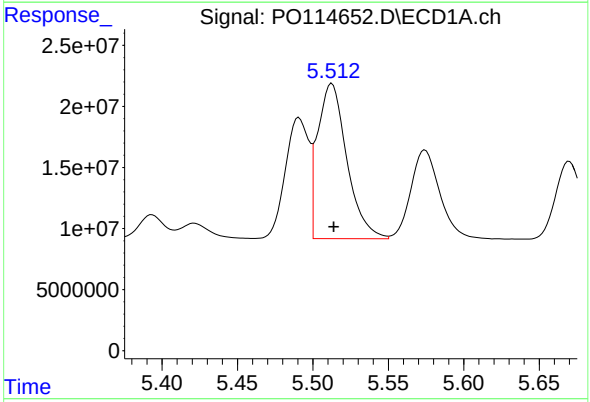
R.T.: 5.491 min
Delta R.T.: -0.001 min
Response: 107387149
Conc: 595.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



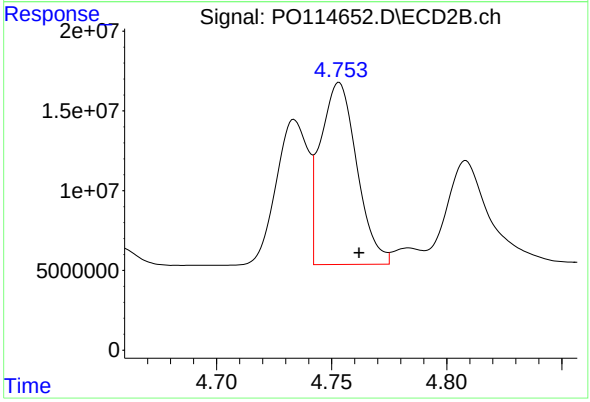
#3 AR-1016-1

R.T.: 4.734 min
Delta R.T.: -0.009 min
Response: 87899420
Conc: 522.02 ng/ml



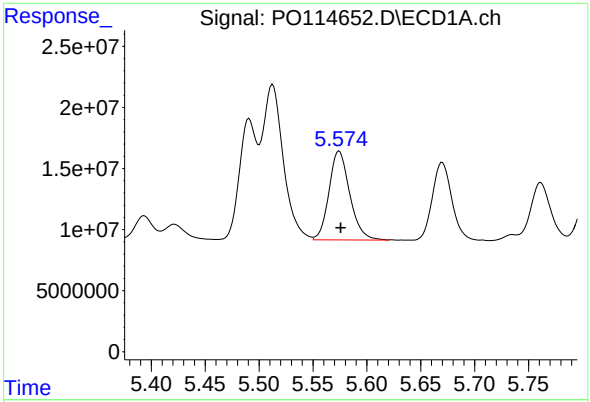
#4 AR-1016-2

R.T.: 5.513 min
Delta R.T.: -0.001 min
Response: 171400651
Conc: 563.27 ng/ml



#4 AR-1016-2

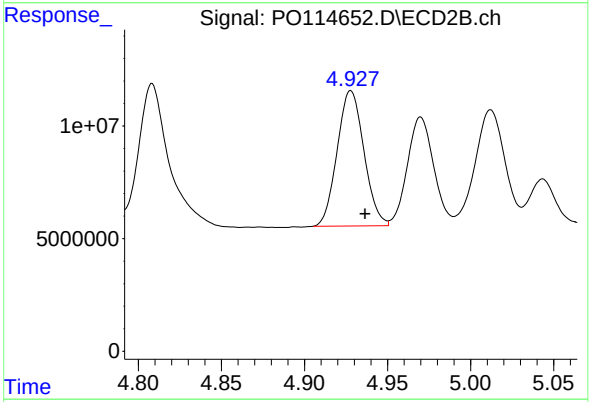
R.T.: 4.753 min
Delta R.T.: -0.009 min
Response: 125657232
Conc: 519.17 ng/ml



#5 AR-1016-3

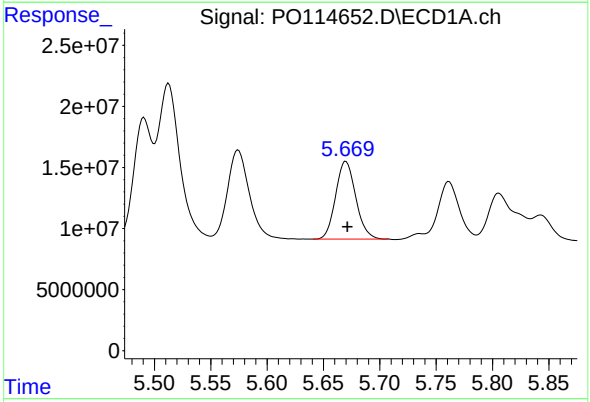
R.T.: 5.574 min
Delta R.T.: -0.001 min
Response: 97753094
Conc: 552.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



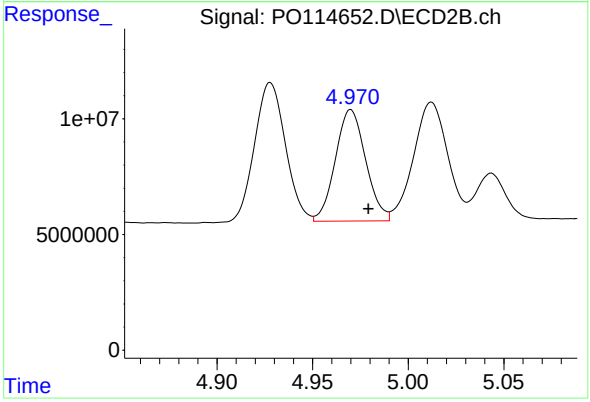
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: -0.009 min
Response: 67537871
Conc: 543.99 ng/ml



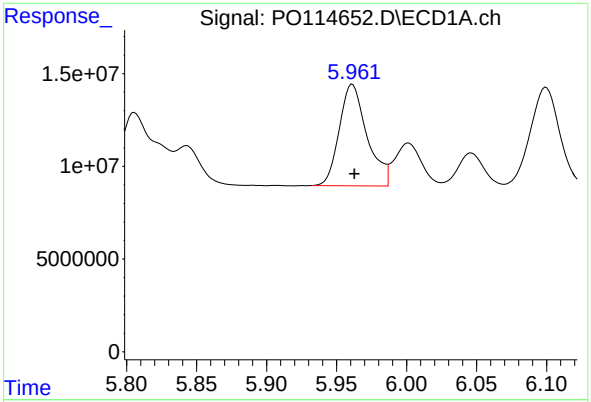
#6 AR-1016-4

R.T.: 5.670 min
Delta R.T.: -0.001 min
Response: 79323552
Conc: 576.67 ng/ml



#6 AR-1016-4

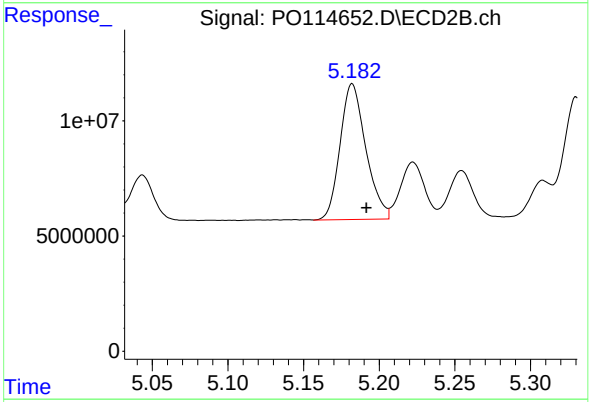
R.T.: 4.970 min
Delta R.T.: -0.009 min
Response: 53184826
Conc: 550.99 ng/ml



#7 AR-1016-5

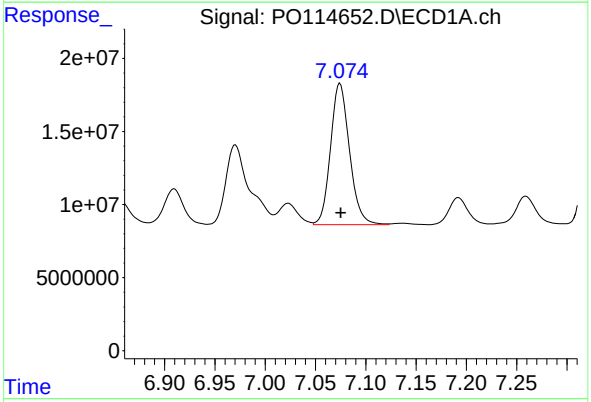
R.T.: 5.961 min
Delta R.T.: -0.002 min
Response: 75621527
Conc: 598.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



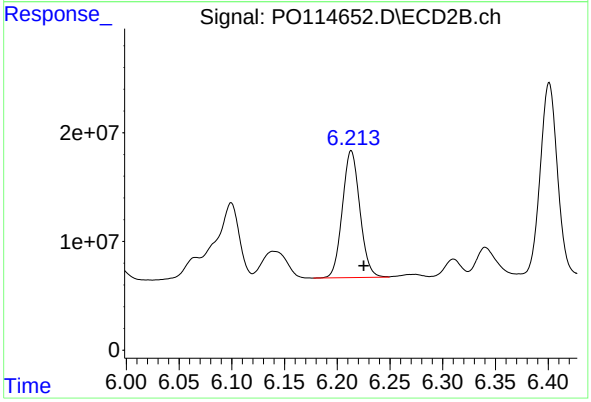
#7 AR-1016-5

R.T.: 5.182 min
Delta R.T.: -0.010 min
Response: 69733971
Conc: 545.41 ng/ml



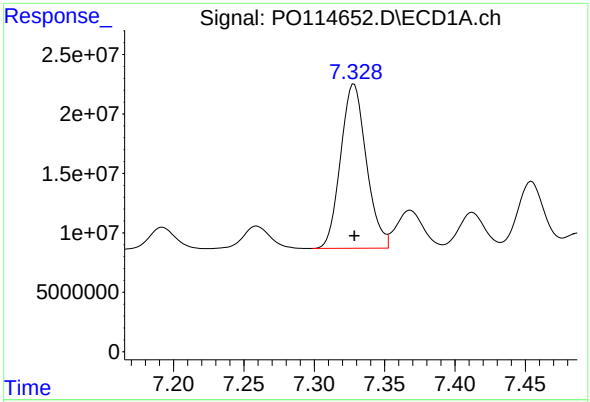
#31 AR-1260-1

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 126942920
Conc: 582.49 ng/ml



#31 AR-1260-1

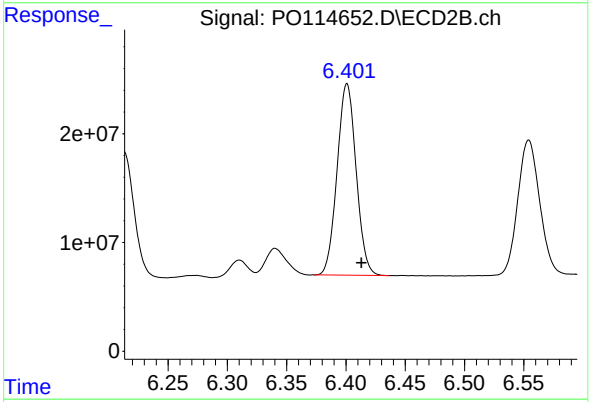
R.T.: 6.213 min
Delta R.T.: -0.012 min
Response: 134908929
Conc: 572.90 ng/ml



#32 AR-1260-2

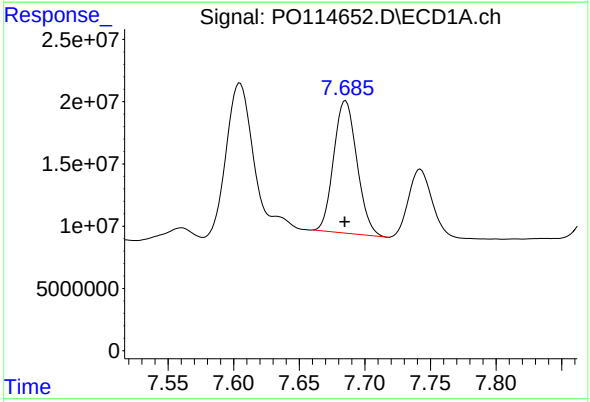
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 175893232
Conc: 570.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



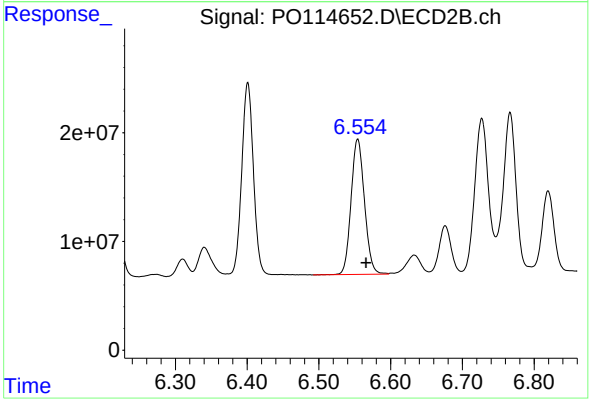
#32 AR-1260-2

R.T.: 6.401 min
Delta R.T.: -0.012 min
Response: 196913166
Conc: 588.88 ng/ml



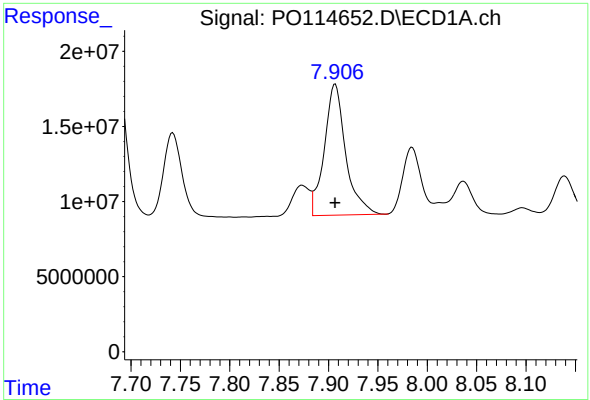
#33 AR-1260-3

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 131610971
Conc: 513.16 ng/ml



#33 AR-1260-3

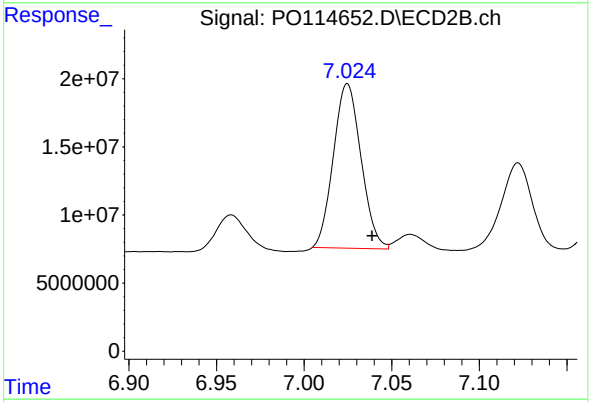
R.T.: 6.554 min
Delta R.T.: -0.012 min
Response: 161301183
Conc: 546.89 ng/ml



#34 AR-1260-4

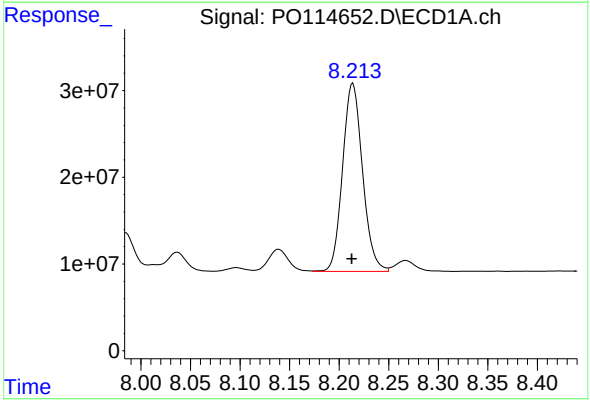
R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 131453914
Conc: 564.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



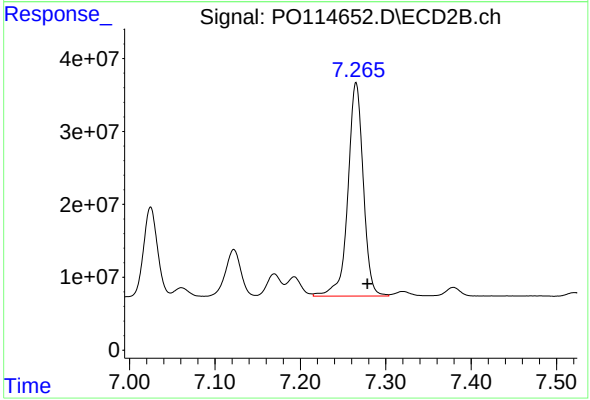
#34 AR-1260-4

R.T.: 7.025 min
Delta R.T.: -0.014 min
Response: 132585988
Conc: 594.80 ng/ml



#35 AR-1260-5

R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 303752368
Conc: 523.57 ng/ml



#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.013 min
Response: 365629956
Conc: 596.50 ng/ml

Raw Data: **PO114667.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 14:35 **Initial Calibration Time(s):** 14:14 22:29

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)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.58	5.48	5.68	0.01
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.08	6.98	7.18	0.01
Aroclor-1260-2	(2)	7.33	7.33	7.23	7.43	0.00
Aroclor-1260-3	(3)	7.69	7.69	7.59	7.79	0.01
Aroclor-1260-4	(4)	7.91	7.91	7.81	8.01	0.00
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.36	4.26	4.46	0.01
Decachlorobiphenyl		9.94	9.93	9.83	10.03	-0.01

Raw Data: **PO114667.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 14:35 **Initial Calibration Time(s):** 14:14 22:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.23	6.13	6.33	0.02
Aroclor-1260-2	(2)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-3	(3)	6.55	6.57	6.47	6.67	0.02
Aroclor-1260-4	(4)	7.02	7.04	6.94	7.14	0.02
Aroclor-1260-5	(5)	7.27	7.28	7.18	7.38	0.02
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02

Raw Data: **PO114667.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114667.D **Time Analyzed:** 14:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.490	5.392	5.592	579.100	500.000	15.8
Aroclor-1016-2	5.512	5.414	5.614	550.560	500.000	10.1
Aroclor-1016-3	5.574	5.476	5.676	547.180	500.000	9.4
Aroclor-1016-4	5.669	5.571	5.771	580.280	500.000	16.1
Aroclor-1016-5	5.961	5.863	6.063	583.840	500.000	16.8
Aroclor-1260-1	7.073	6.975	7.175	571.610	500.000	14.3
Aroclor-1260-2	7.328	7.229	7.429	552.890	500.000	10.6
Aroclor-1260-3	7.685	7.585	7.785	496.660	500.000	-0.7
Aroclor-1260-4	7.907	7.807	8.007	538.630	500.000	7.7
Aroclor-1260-5	8.213	8.113	8.313	519.000	500.000	3.8
Decachlorobiphenyl	9.935	9.834	10.034	51.810	50.000	3.6
Tetrachloro-m-xylene	4.352	4.255	4.455	57.770	50.000	15.5

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114667.D **Time Analyzed:** 14:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.734	4.643	4.843	511.520	500.000	2.3
Aroclor-1016-2	4.753	4.662	4.862	508.980	500.000	1.8
Aroclor-1016-3	4.928	4.836	5.036	530.730	500.000	6.1
Aroclor-1016-4	4.970	4.879	5.079	535.250	500.000	7.1
Aroclor-1016-5	5.182	5.092	5.292	534.300	500.000	6.9
Aroclor-1260-1	6.213	6.125	6.325	553.070	500.000	10.6
Aroclor-1260-2	6.400	6.313	6.513	571.400	500.000	14.3
Aroclor-1260-3	6.553	6.466	6.666	539.470	500.000	7.9
Aroclor-1260-4	7.024	6.939	7.139	607.610	500.000	21.5
Aroclor-1260-5	7.265	7.179	7.379	585.210	500.000	17.0
Decachlorobiphenyl	8.650	8.571	8.771	50.070	50.000	0.1
Tetrachloro-m-xylene	3.655	3.560	3.760	49.980	50.000	0.0

Sample Results: **PO114667.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102425\
Data File : PO114667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 14:35
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 07:54:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.352	3.655	313.6E6	200.0E6	57.772	49.982
2)	SA Decachlor...	9.935	8.650	188.6E6	166.9E6	51.805	50.068
	Target Compounds						
3)	L1 AR-1016-1	5.490	4.734	104.4E6	86132593	579.100	511.524
4)	L1 AR-1016-2	5.512	4.753	167.5E6	123.2E6	550.557	508.979
5)	L1 AR-1016-3	5.574	4.928	96769765	65891806	547.179	530.728
6)	L1 AR-1016-4	5.669	4.970	79820036	51665714	580.279	535.255
7)	L1 AR-1016-5	5.961	5.182	73719353	68313690	583.844	534.304
31)	L7 AR-1260-1	7.073	6.213	124.6E6	130.2E6	571.610	553.067
32)	L7 AR-1260-2	7.328	6.400	170.6E6	191.1E6	552.888	571.400
33)	L7 AR-1260-3	7.685	6.553	127.4E6	159.1E6	496.662	539.469
34)	L7 AR-1260-4	7.907	7.024	125.5E6	135.4E6	538.632	607.611m
35)	L7 AR-1260-5	8.213	7.265	301.1E6	358.7E6	519.000	585.208

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102425\
Data File : PO114667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 14:35
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

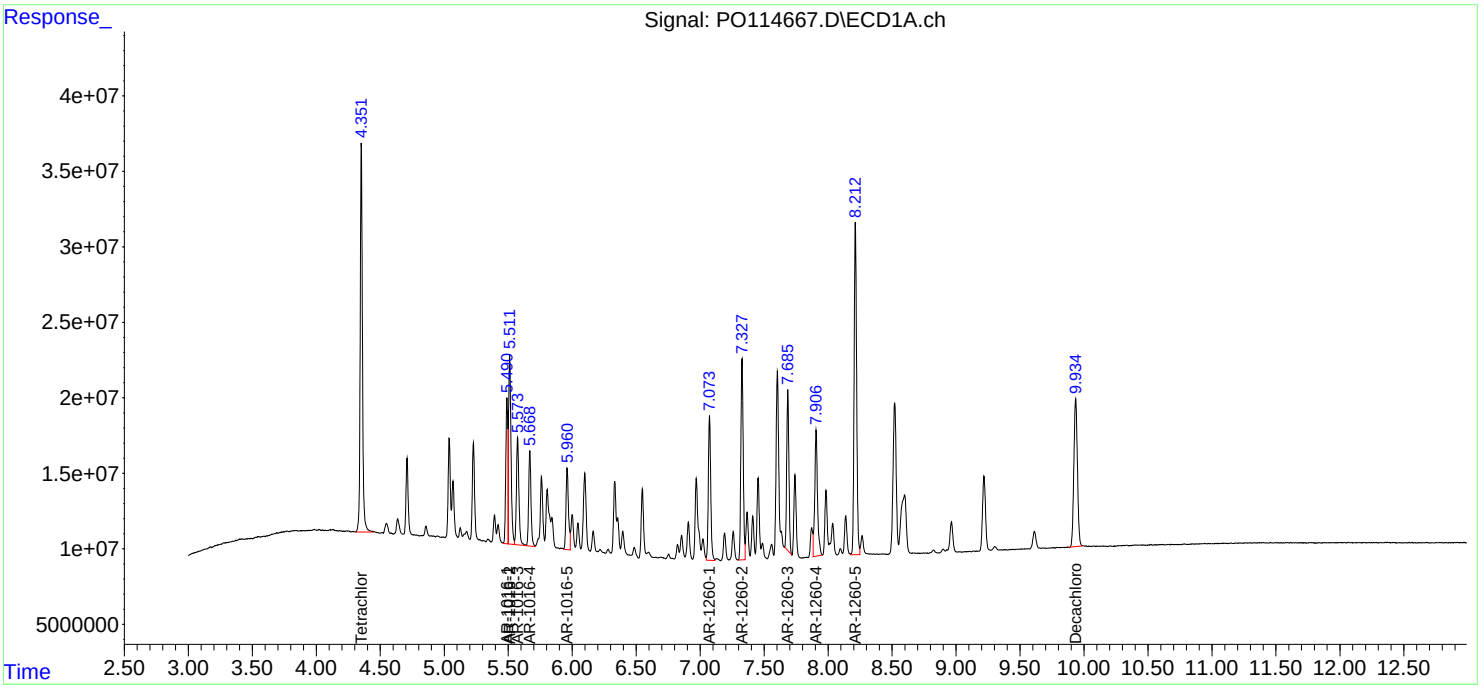
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

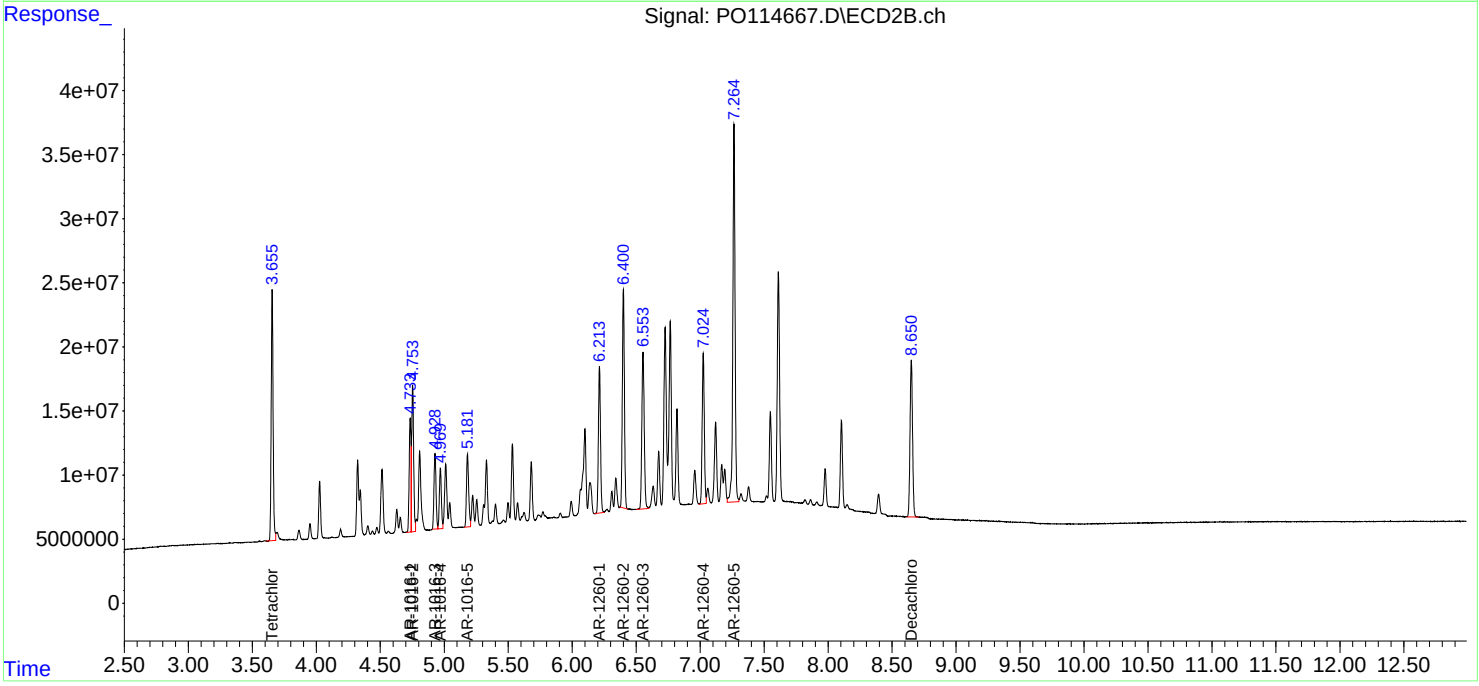
Manual Integrations APPROVED

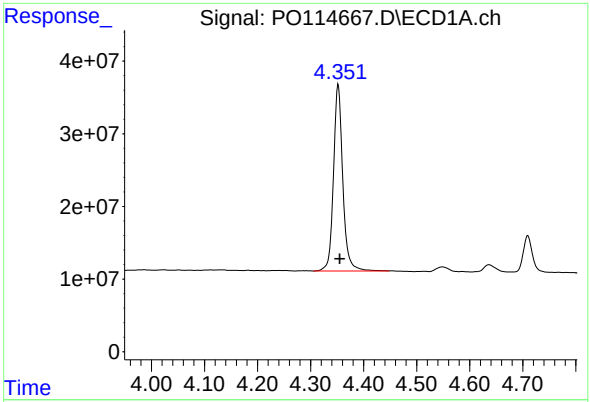
Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 07:54:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







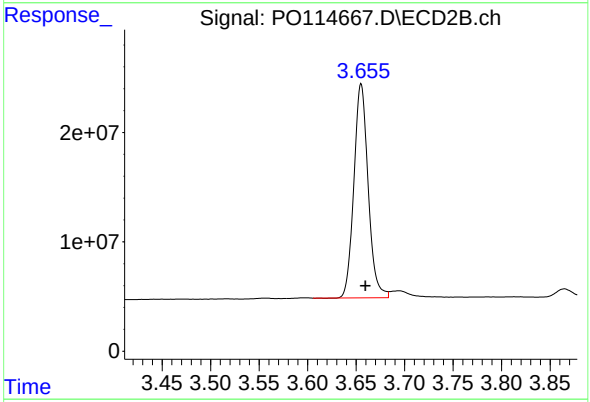
#1 Tetrachloro-m-xylene

R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 313640544
Conc: 57.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

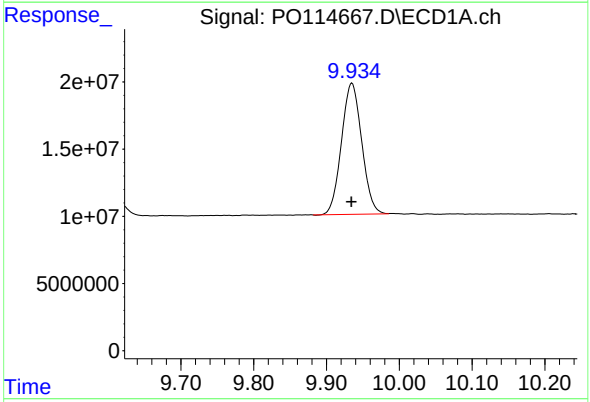
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



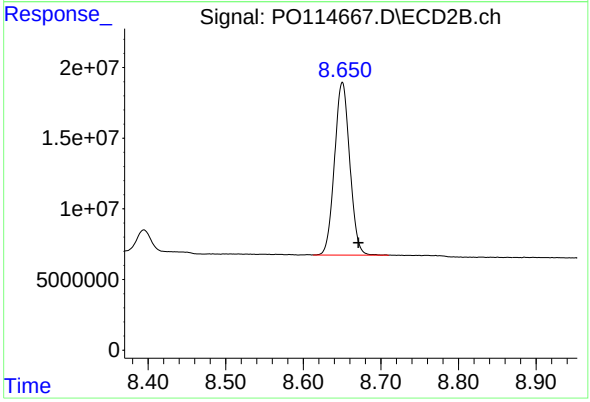
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: -0.004 min
Response: 200040604
Conc: 49.98 ng/ml



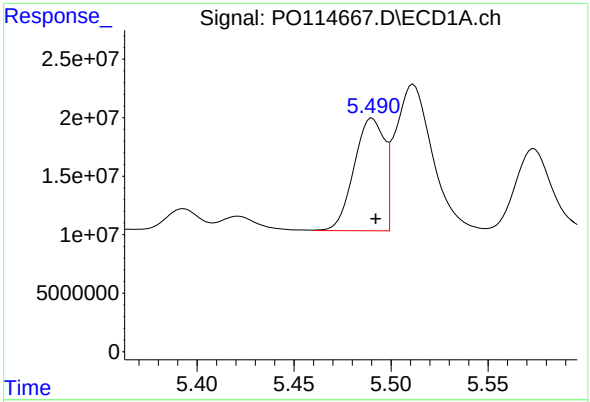
#2 Decachlorobiphenyl

R.T.: 9.935 min
Delta R.T.: 0.000 min
Response: 188628594
Conc: 51.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: -0.021 min
Response: 166887341
Conc: 50.07 ng/ml



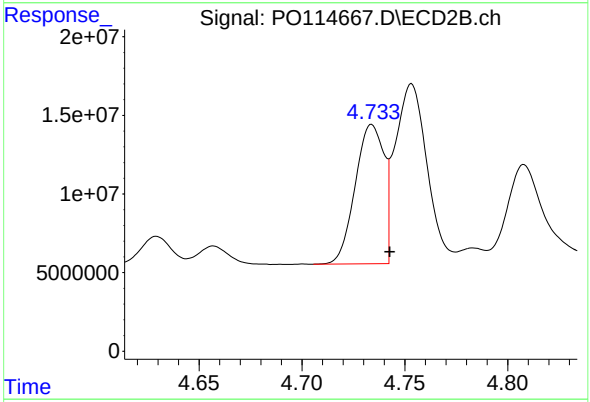
#3 AR-1016-1

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 104445112
Conc: 579.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

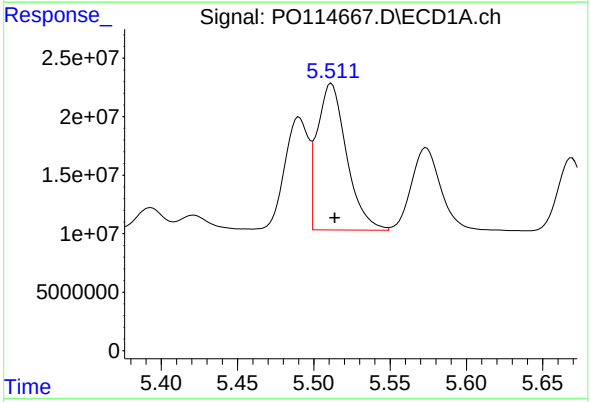
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



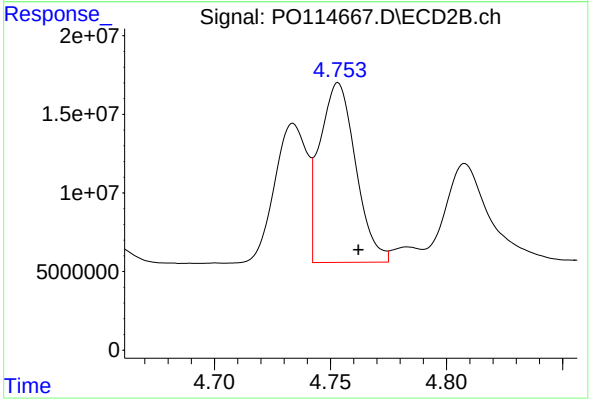
#3 AR-1016-1

R.T.: 4.734 min
Delta R.T.: -0.009 min
Response: 86132593
Conc: 511.52 ng/ml



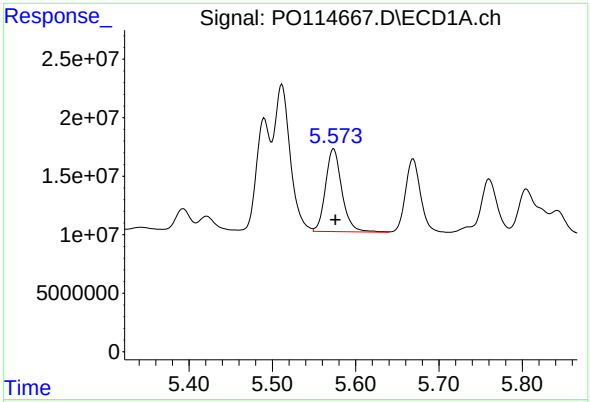
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: -0.002 min
Response: 167533013
Conc: 550.56 ng/ml



#4 AR-1016-2

R.T.: 4.753 min
Delta R.T.: -0.009 min
Response: 123191095
Conc: 508.98 ng/ml



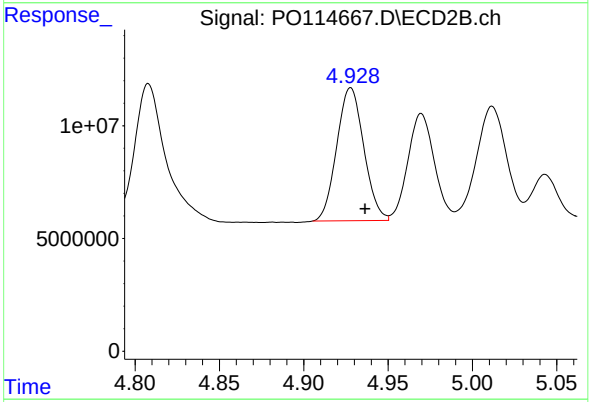
#5 AR-1016-3

R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 96769765
Conc: 547.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

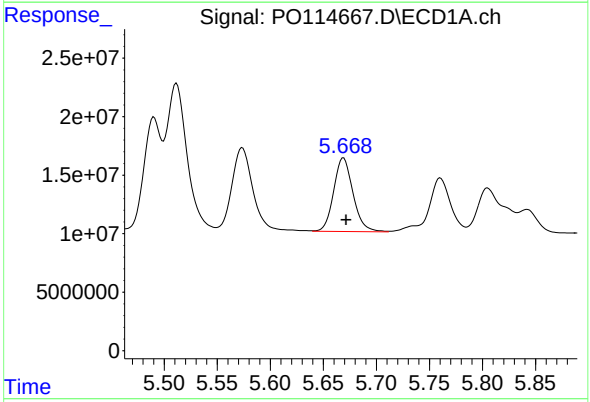
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



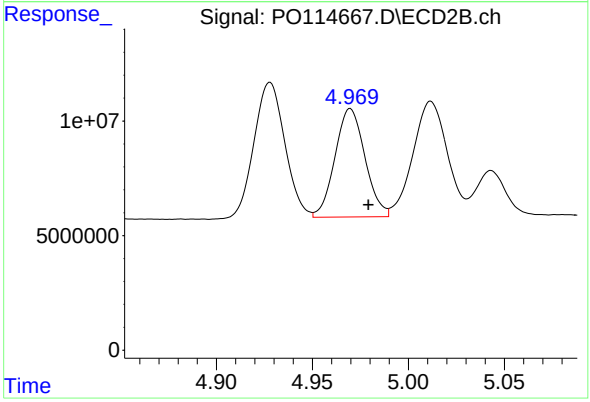
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: -0.009 min
Response: 65891806
Conc: 530.73 ng/ml



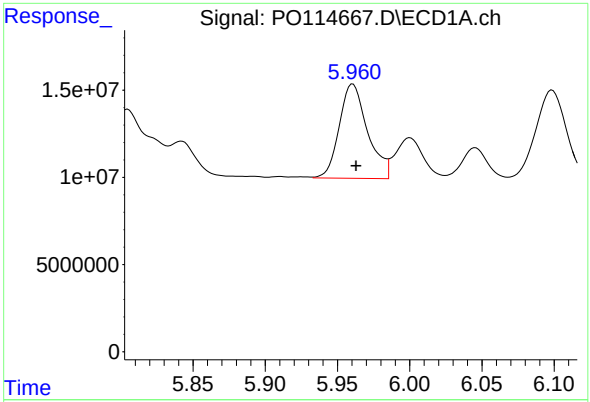
#6 AR-1016-4

R.T.: 5.669 min
Delta R.T.: -0.002 min
Response: 79820036
Conc: 580.28 ng/ml



#6 AR-1016-4

R.T.: 4.970 min
Delta R.T.: -0.009 min
Response: 51665714
Conc: 535.25 ng/ml



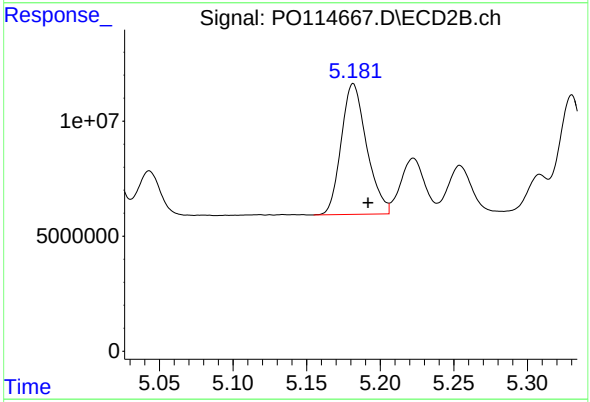
#7 AR-1016-5

R.T.: 5.961 min
Delta R.T.: -0.002 min
Response: 73719353
Conc: 583.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

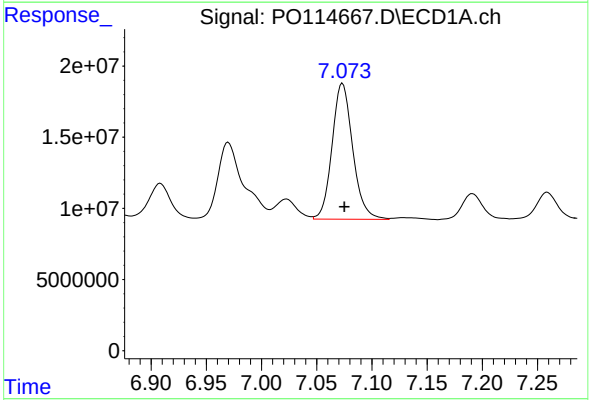
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



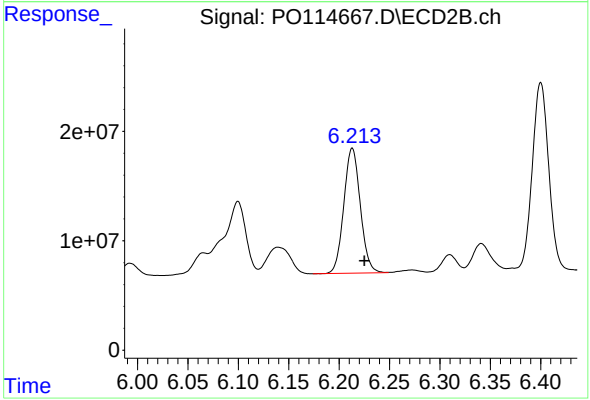
#7 AR-1016-5

R.T.: 5.182 min
Delta R.T.: -0.010 min
Response: 68313690
Conc: 534.30 ng/ml



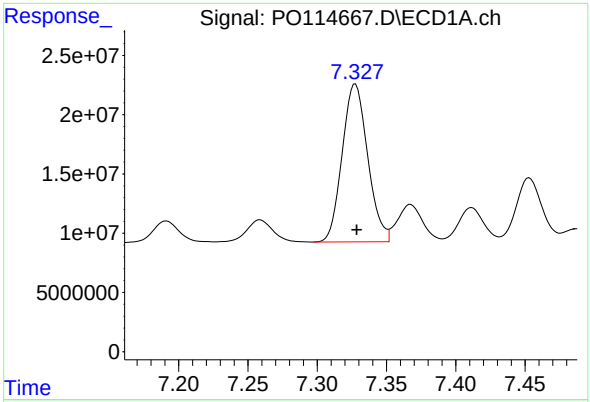
#31 AR-1260-1

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 124571543
Conc: 571.61 ng/ml



#31 AR-1260-1

R.T.: 6.213 min
Delta R.T.: -0.012 min
Response: 130237928
Conc: 553.07 ng/ml



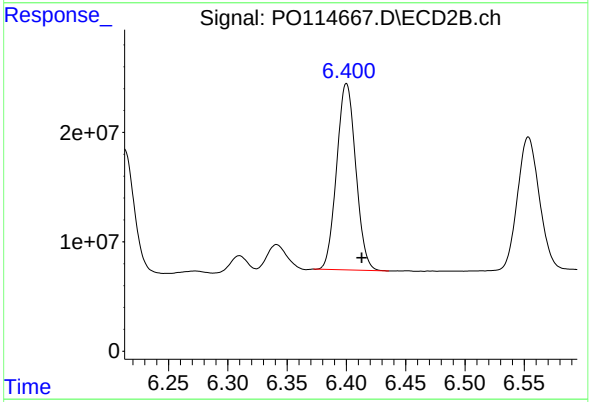
#32 AR-1260-2

R.T.: 7.328 min
Delta R.T.: -0.001 min
Response: 170568514
Conc: 552.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

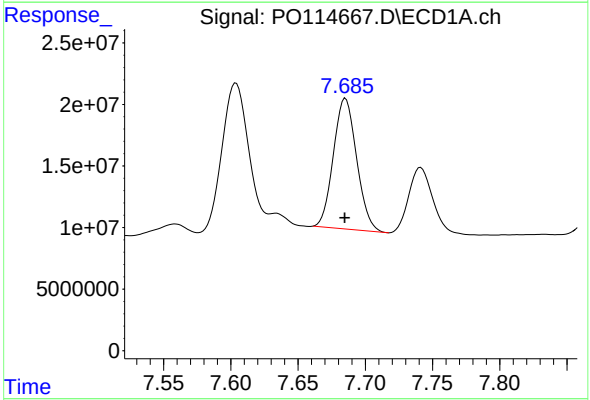
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



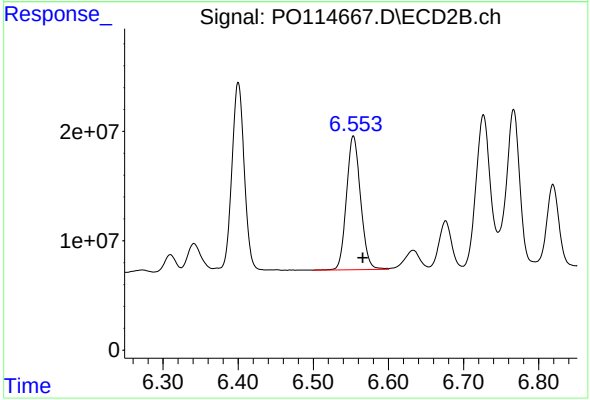
#32 AR-1260-2

R.T.: 6.400 min
Delta R.T.: -0.013 min
Response: 191069662
Conc: 571.40 ng/ml



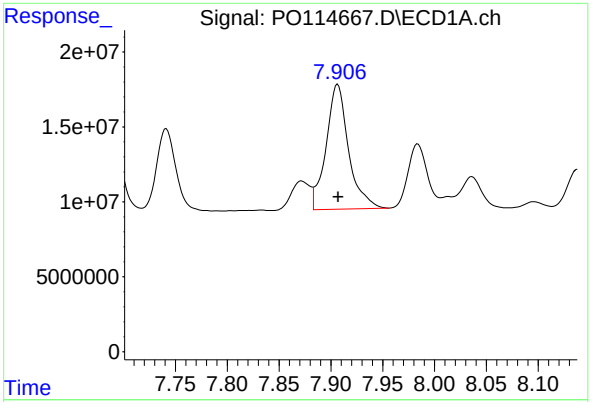
#33 AR-1260-3

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 127379078
Conc: 496.66 ng/ml



#33 AR-1260-3

R.T.: 6.553 min
Delta R.T.: -0.013 min
Response: 159111598
Conc: 539.47 ng/ml



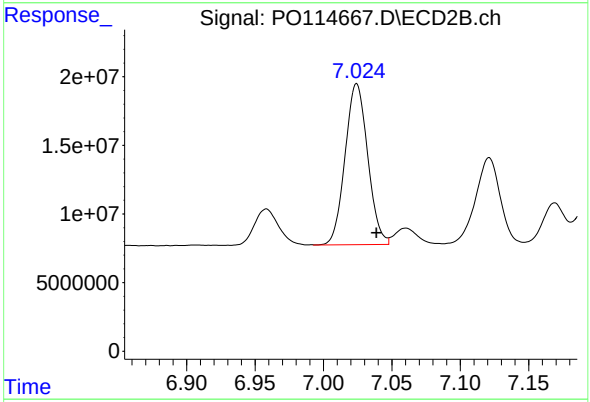
#34 AR-1260-4

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 125458014
Conc: 538.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

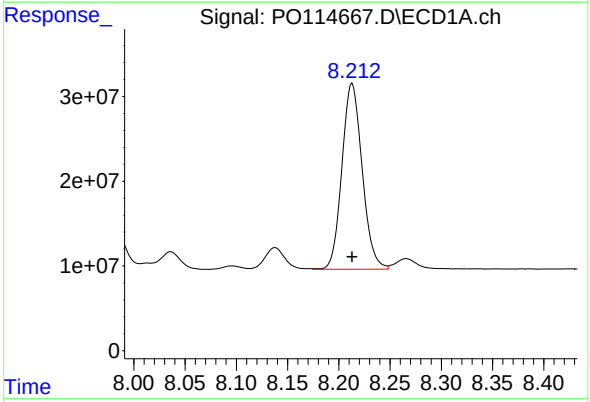
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



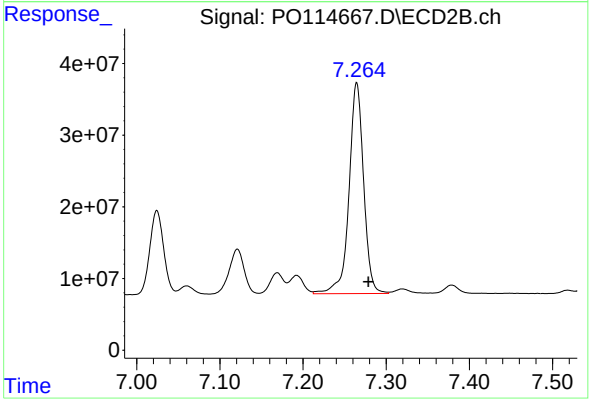
#34 AR-1260-4

R.T.: 7.024 min
Delta R.T.: -0.015 min
Response: 135442146
Conc: 607.61 ng/ml m



#35 AR-1260-5

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 301103550
Conc: 519.00 ng/ml



#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.014 min
Response: 358710173
Conc: 585.21 ng/ml

Raw Data: **PP076012.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 08:57 **Initial Calibration Time(s):** 09:06 17:01

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)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01

Raw Data: **PP076012.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 08:57 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076012.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.793	5.695	5.895	492.560	500.000	-1.5
Aroclor-1016-2	5.814	5.717	5.917	483.420	500.000	-3.3
Aroclor-1016-3	5.877	5.780	5.980	486.420	500.000	-2.7
Aroclor-1016-4	5.974	5.877	6.077	492.120	500.000	-1.6
Aroclor-1016-5	6.266	6.169	6.369	481.970	500.000	-3.6
Aroclor-1260-1	7.384	7.287	7.487	522.390	500.000	4.5
Aroclor-1260-2	7.637	7.540	7.740	491.280	500.000	-1.7
Aroclor-1260-3	7.995	7.899	8.099	513.730	500.000	2.7
Aroclor-1260-4	8.223	8.127	8.327	550.500	500.000	10.1
Aroclor-1260-5	8.548	8.452	8.652	500.130	500.000	0.0
Decachlorobiphenyl	10.413	10.319	10.519	49.660	50.000	-0.7
Tetrachloro-m-xylene	4.640	4.542	4.742	48.200	50.000	-3.6

Raw Data: **PP076012.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076012.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.874	4.778	4.978	536.810	500.000	7.4
Aroclor-1016-2	4.933	4.836	5.036	588.480	500.000	17.7
Aroclor-1016-3	5.052	4.954	5.154	550.530	500.000	10.1
Aroclor-1016-4	5.092	4.996	5.196	561.820	500.000	12.4
Aroclor-1016-5	5.306	5.210	5.410	584.830	500.000	17.0
Aroclor-1260-1	6.333	6.238	6.438	510.750	500.000	2.2
Aroclor-1260-2	6.520	6.425	6.625	506.620	500.000	1.3
Aroclor-1260-3	6.675	6.578	6.778	519.620	500.000	3.9
Aroclor-1260-4	7.142	7.047	7.247	562.310	500.000	12.5
Aroclor-1260-5	7.383	7.287	7.487	521.930	500.000	4.4
Decachlorobiphenyl	8.777	8.682	8.882	47.580	50.000	-4.8
Tetrachloro-m-xylene	3.780	3.681	3.881	48.140	50.000	-3.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102425\
Data File : PP076012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 11:50:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.640	3.780	68879749	318.6E6	48.198	48.138
2)	SA Decachlor...	10.413	8.777	53464347	391.2E6	49.664	47.580
	Target Compounds						
3)	L1 AR-1016-1	5.793	4.874	29123179	397.3E6	492.560	536.810
4)	L1 AR-1016-2	5.814	4.933	42755493	201.2E6	483.418	588.476
5)	L1 AR-1016-3	5.877	5.052	26923937	113.0E6	486.422	550.533
6)	L1 AR-1016-4	5.974	5.092	22362140	105.0E6	492.122	561.817
7)	L1 AR-1016-5	6.266	5.306	20920198	133.3E6	481.971	584.826
31)	L7 AR-1260-1	7.384	6.333	35917566	279.7E6	522.387	510.750
32)	L7 AR-1260-2	7.637	6.520	44007181	412.3E6	491.276	506.621
33)	L7 AR-1260-3	7.995	6.675	35594655	292.4E6	513.731	519.617
34)	L7 AR-1260-4	8.223	7.142	37748307	292.0E6	550.497	562.315
35)	L7 AR-1260-5	8.548	7.383	73995449	707.5E6	500.133	521.930

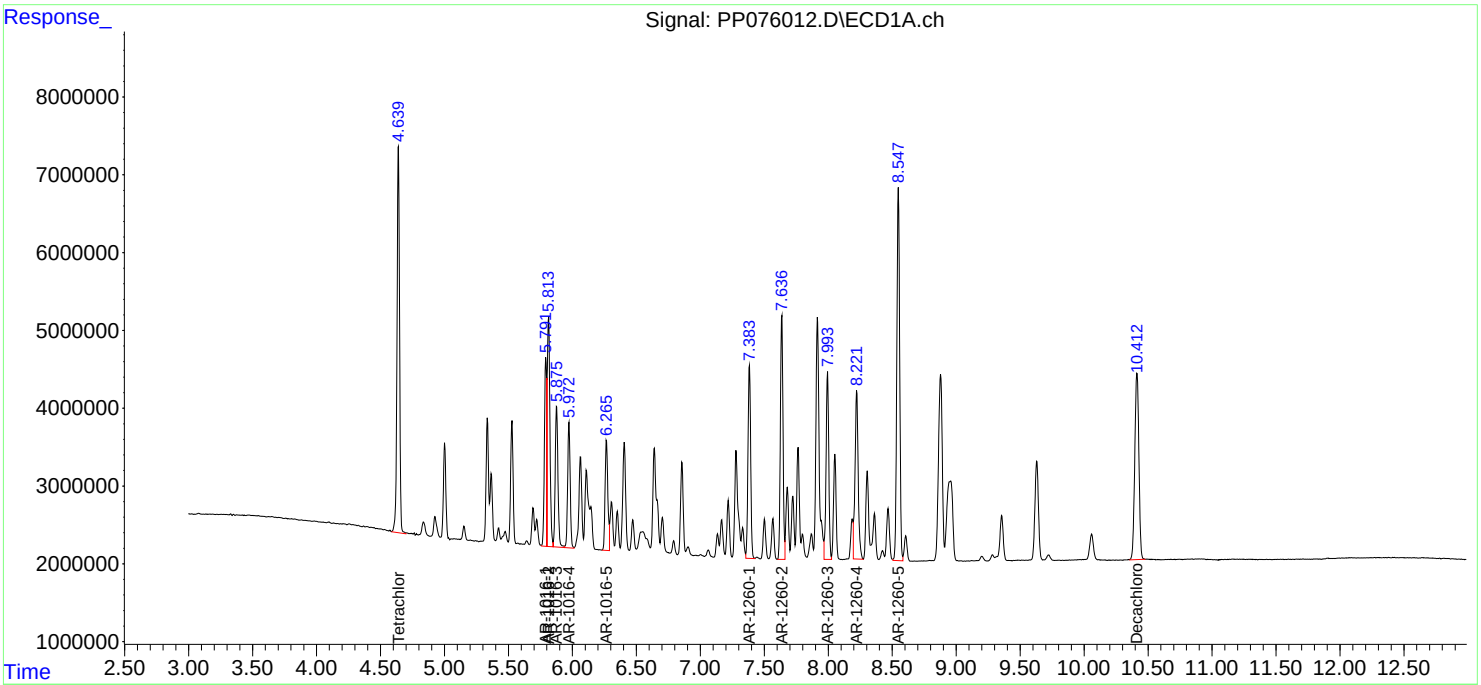
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

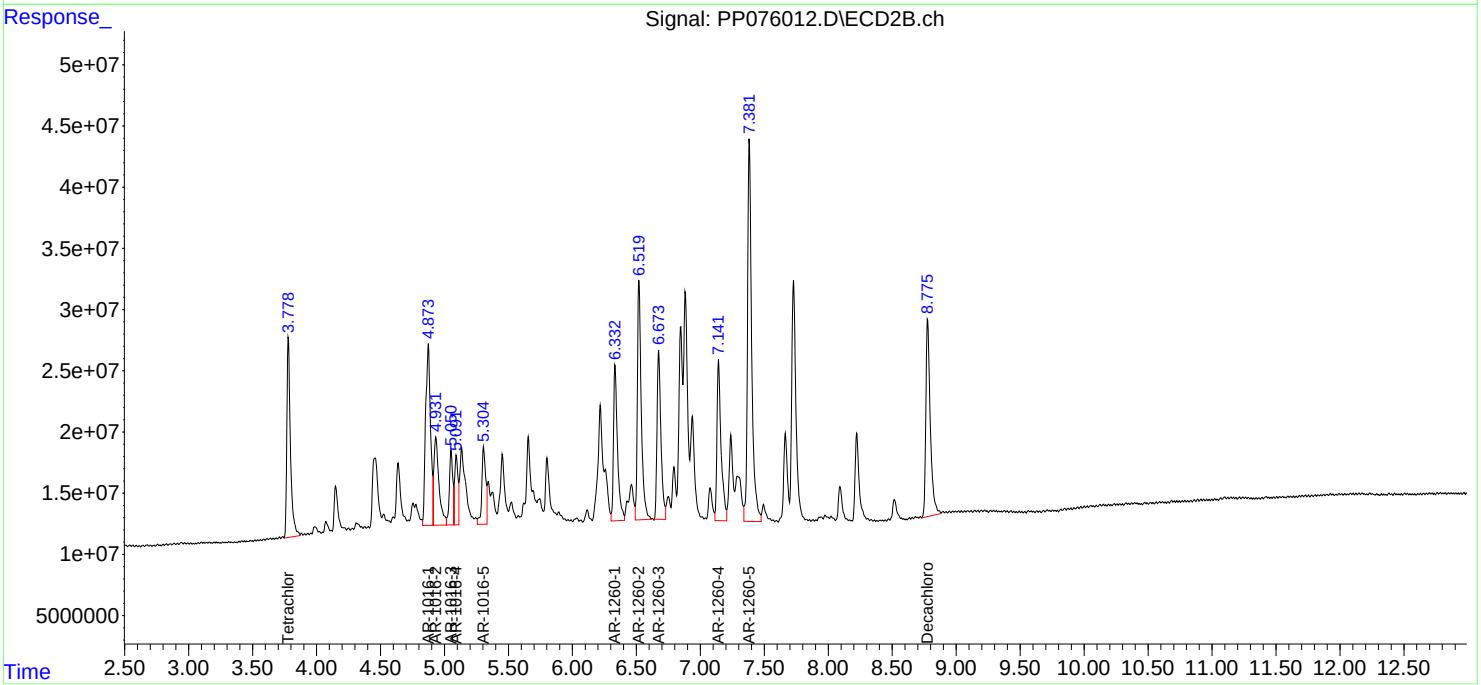
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102425\
Data File : PP076012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

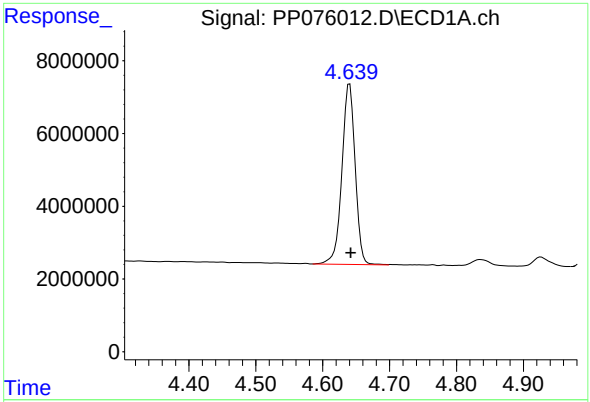
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 11:50:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



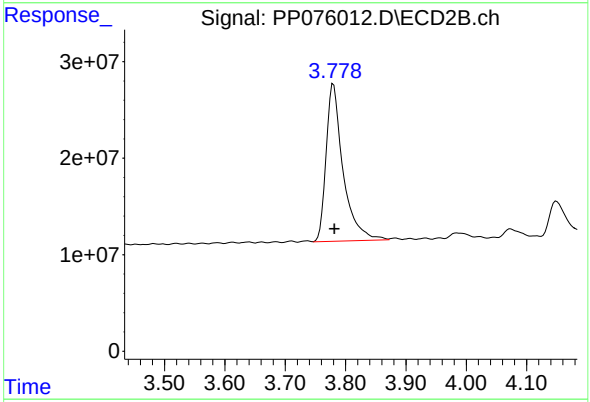




#1 Tetrachloro-m-xylene

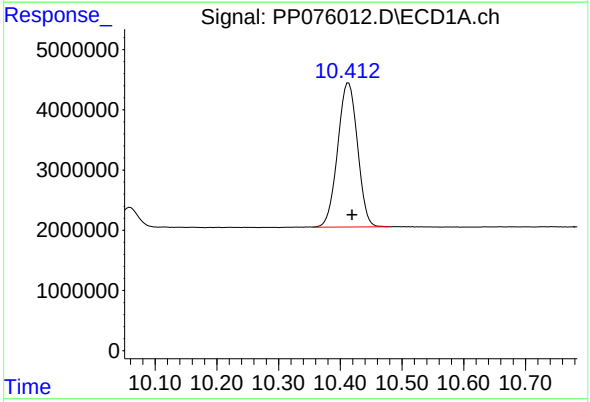
R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 68879749
Conc: 48.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



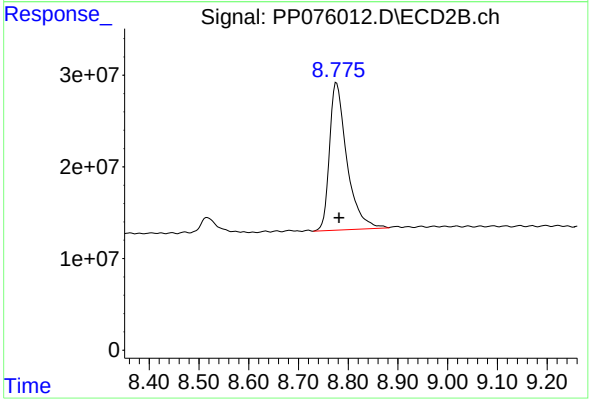
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: -0.001 min
Response: 318588643
Conc: 48.14 ng/ml



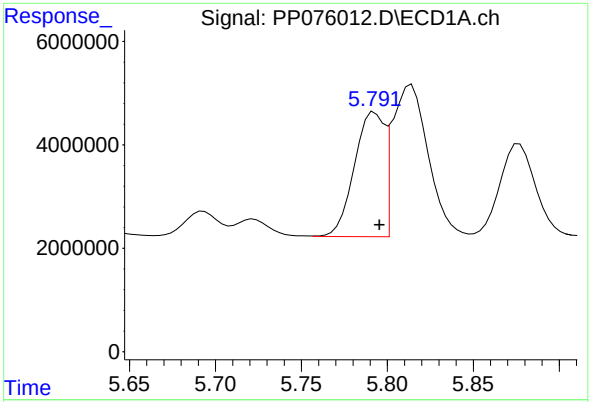
#2 Decachlorobiphenyl

R.T.: 10.413 min
Delta R.T.: -0.006 min
Response: 53464347
Conc: 49.66 ng/ml



#2 Decachlorobiphenyl

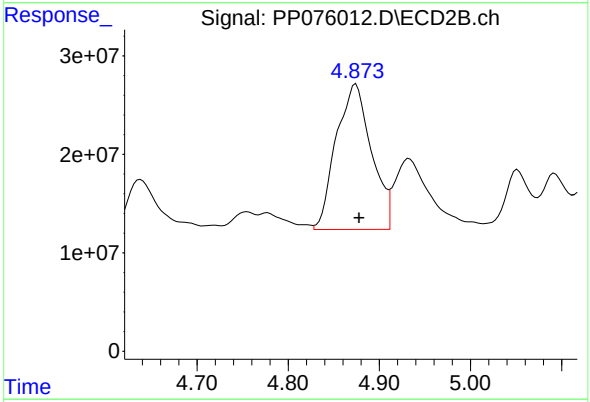
R.T.: 8.777 min
Delta R.T.: -0.005 min
Response: 391248575
Conc: 47.58 ng/ml



#3 AR-1016-1

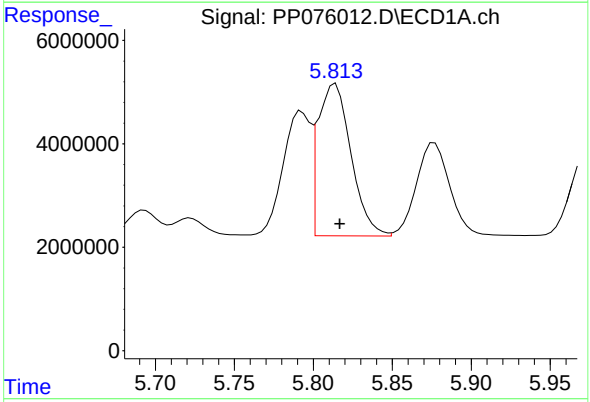
R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 29123179
Conc: 492.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



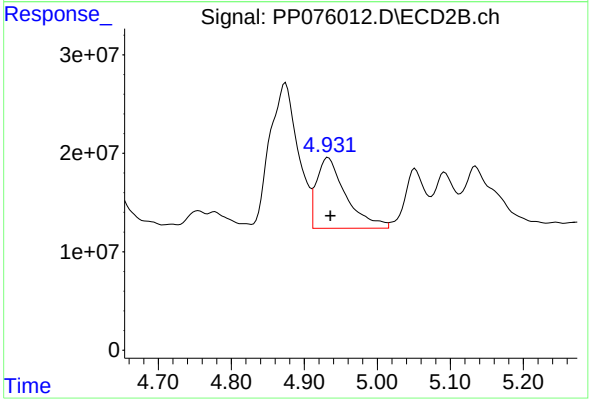
#3 AR-1016-1

R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 397332100
Conc: 536.81 ng/ml



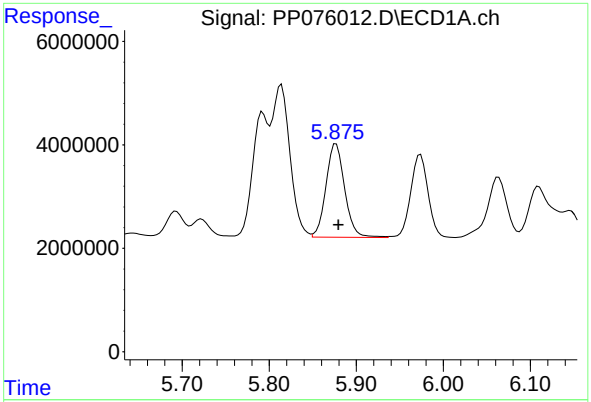
#4 AR-1016-2

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 42755493
Conc: 483.42 ng/ml



#4 AR-1016-2

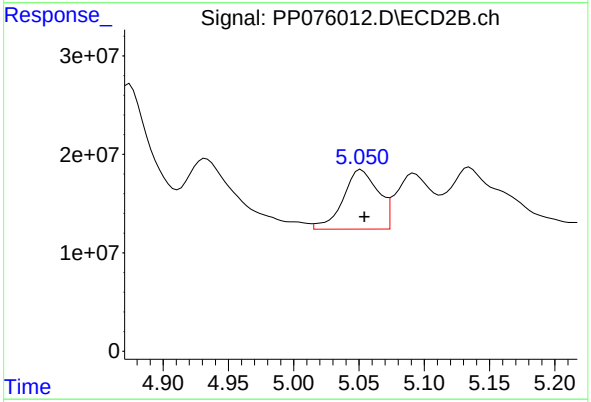
R.T.: 4.933 min
Delta R.T.: -0.003 min
Response: 201219103
Conc: 588.48 ng/ml



#5 AR-1016-3

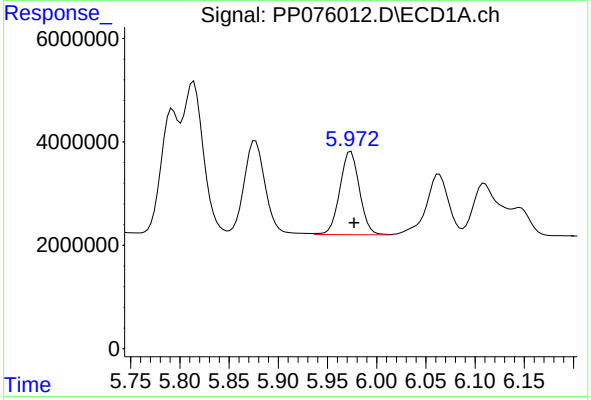
R.T.: 5.877 min
Delta R.T.: -0.003 min
Response: 26923937
Conc: 486.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



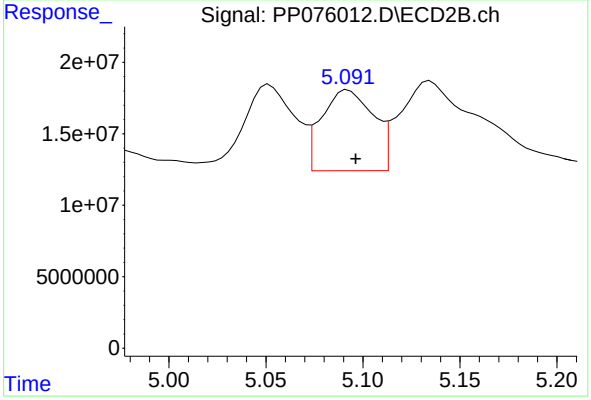
#5 AR-1016-3

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 113047824
Conc: 550.53 ng/ml



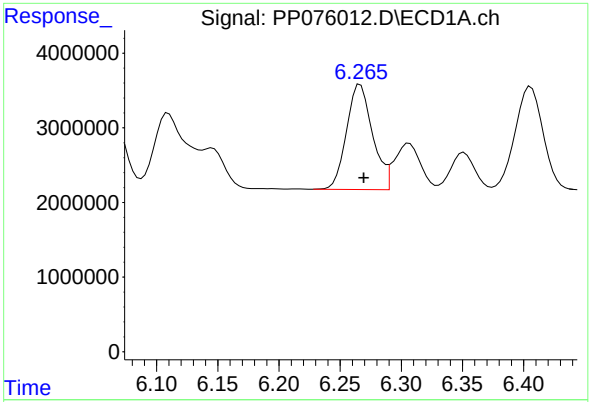
#6 AR-1016-4

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 22362140
Conc: 492.12 ng/ml



#6 AR-1016-4

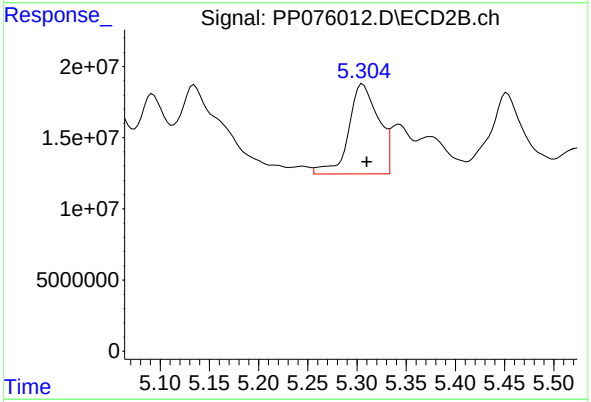
R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 104995570
Conc: 561.82 ng/ml



#7 AR-1016-5

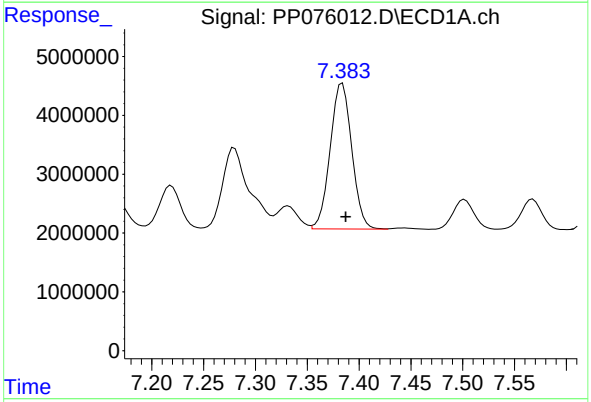
R.T.: 6.266 min
Delta R.T.: -0.003 min
Response: 20920198
Conc: 481.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



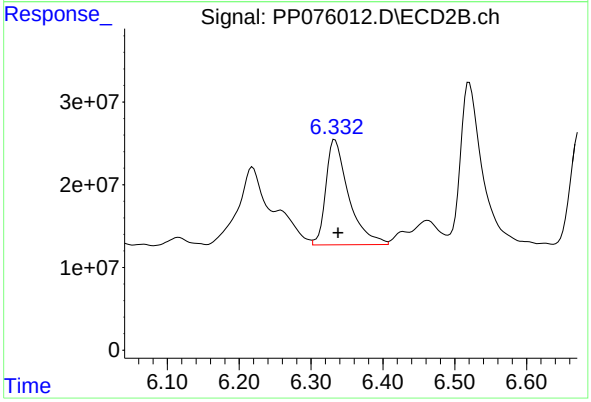
#7 AR-1016-5

R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 133330414
Conc: 584.83 ng/ml



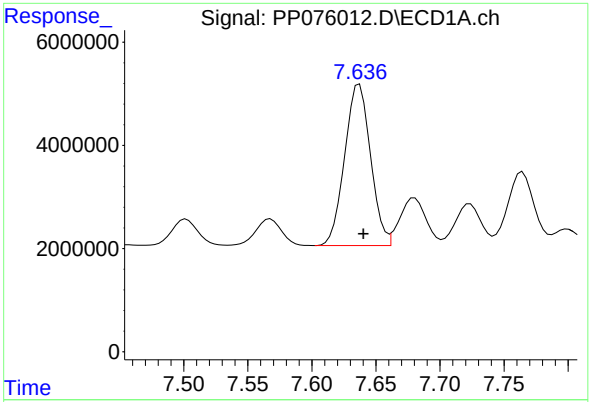
#31 AR-1260-1

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 35917566
Conc: 522.39 ng/ml



#31 AR-1260-1

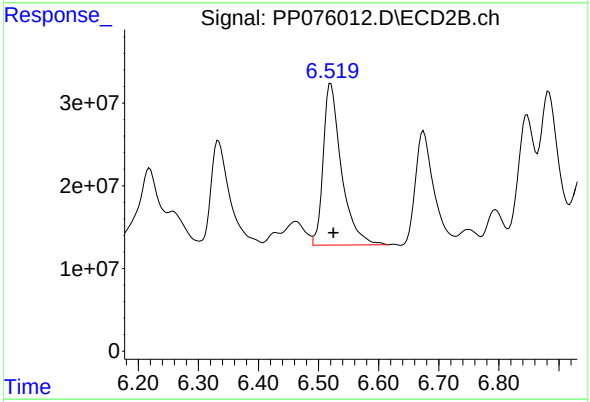
R.T.: 6.333 min
Delta R.T.: -0.004 min
Response: 279735214
Conc: 510.75 ng/ml



#32 AR-1260-2

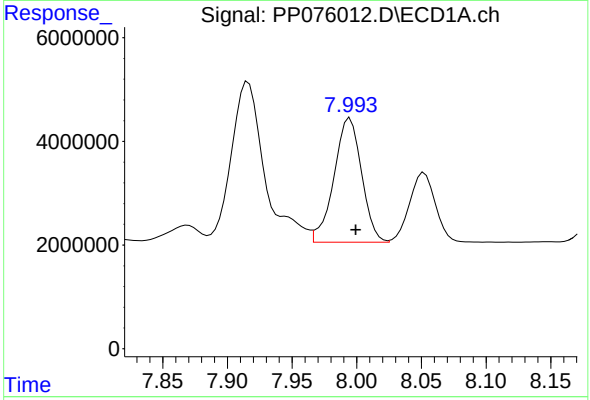
R.T.: 7.637 min
Delta R.T.: -0.003 min
Response: 44007181
Conc: 491.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



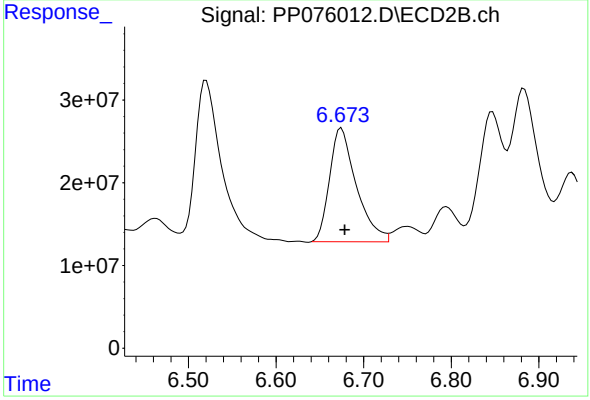
#32 AR-1260-2

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 412254251
Conc: 506.62 ng/ml



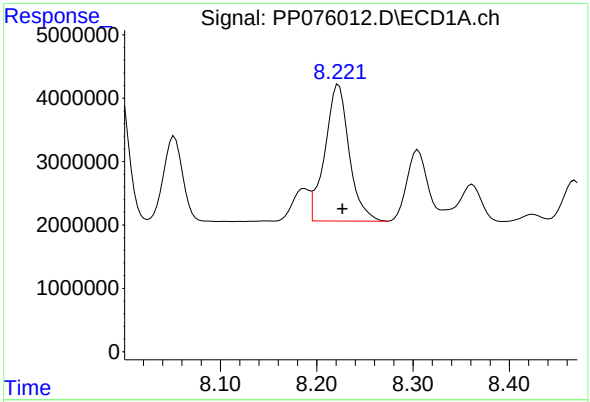
#33 AR-1260-3

R.T.: 7.995 min
Delta R.T.: -0.004 min
Response: 35594655
Conc: 513.73 ng/ml



#33 AR-1260-3

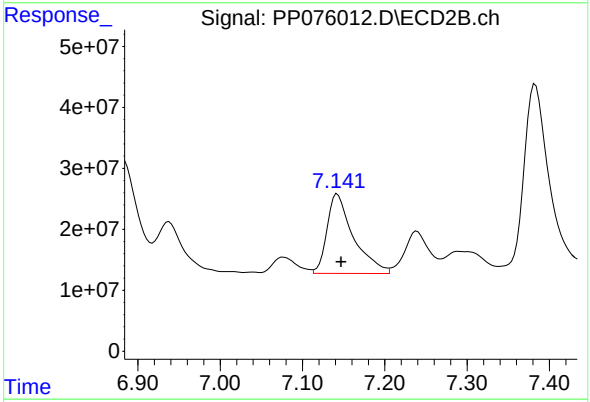
R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 292417898
Conc: 519.62 ng/ml



#34 AR-1260-4

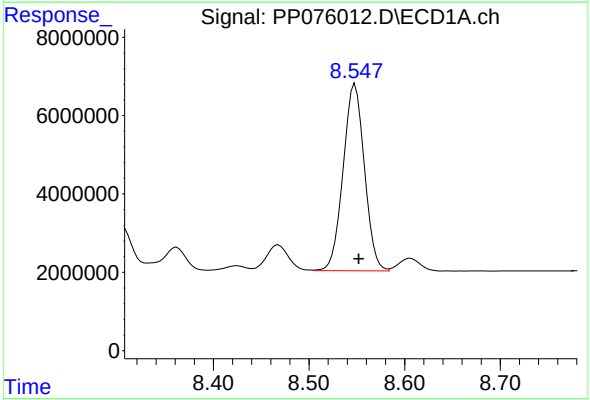
R.T.: 8.223 min
Delta R.T.: -0.004 min
Response: 37748307
Conc: 550.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



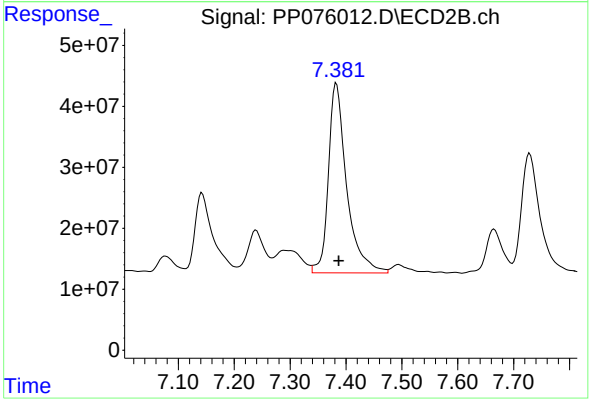
#34 AR-1260-4

R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 292027745
Conc: 562.31 ng/ml



#35 AR-1260-5

R.T.: 8.548 min
Delta R.T.: -0.004 min
Response: 73995449
Conc: 500.13 ng/ml



#35 AR-1260-5

R.T.: 7.383 min
Delta R.T.: -0.005 min
Response: 707504272
Conc: 521.93 ng/ml

Raw Data: **PP076027.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:06 **Initial Calibration Time(s):** 09:06 17:01

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)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.42	10.42	10.32	10.52	0.00

Raw Data: **PP076027.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:06 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076027.D **Time Analyzed:** 14:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.795	5.695	5.895	461.630	500.000	-7.7
Aroclor-1016-2	5.817	5.717	5.917	452.760	500.000	-9.4
Aroclor-1016-3	5.879	5.780	5.980	448.070	500.000	-10.4
Aroclor-1016-4	5.976	5.877	6.077	450.900	500.000	-9.8
Aroclor-1016-5	6.269	6.169	6.369	451.320	500.000	-9.7
Aroclor-1260-1	7.386	7.287	7.487	523.490	500.000	4.7
Aroclor-1260-2	7.639	7.540	7.740	452.380	500.000	-9.5
Aroclor-1260-3	7.997	7.899	8.099	482.820	500.000	-3.4
Aroclor-1260-4	8.225	8.127	8.327	505.200	500.000	1.0
Aroclor-1260-5	8.550	8.452	8.652	478.240	500.000	-4.4
Decachlorobiphenyl	10.416	10.319	10.519	47.970	50.000	-4.1
Tetrachloro-m-xylene	4.643	4.542	4.742	46.210	50.000	-7.6

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076027.D **Time Analyzed:** 14:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.876	4.778	4.978	490.880	500.000	-1.8
Aroclor-1016-2	4.935	4.836	5.036	504.020	500.000	0.8
Aroclor-1016-3	5.054	4.954	5.154	480.420	500.000	-3.9
Aroclor-1016-4	5.095	4.996	5.196	536.130	500.000	7.2
Aroclor-1016-5	5.310	5.210	5.410	494.710	500.000	-1.1
Aroclor-1260-1	6.337	6.238	6.438	447.540	500.000	-10.5
Aroclor-1260-2	6.523	6.425	6.625	449.850	500.000	-10.0
Aroclor-1260-3	6.676	6.578	6.778	441.980	500.000	-11.6
Aroclor-1260-4	7.145	7.047	7.247	483.880	500.000	-3.2
Aroclor-1260-5	7.386	7.287	7.487	459.520	500.000	-8.1
Decachlorobiphenyl	8.779	8.682	8.882	41.690	50.000	-16.6
Tetrachloro-m-xylene	3.782	3.681	3.881	47.660	50.000	-4.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102425\
Data File : PP076027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 14:06
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:34:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.643	3.782	66043388	315.4E6	46.213	47.663
2)	SA Decachlor...	10.416	8.779	51645981	342.8E6	47.975	41.693
	Target Compounds						
3)	L1 AR-1016-1	5.795	4.876	27294348	363.3E6	461.629	490.876
4)	L1 AR-1016-2	5.817	4.935	40043933	172.3E6	452.760	504.018
5)	L1 AR-1016-3	5.879	5.054	24801394	98650897	448.075	480.421
6)	L1 AR-1016-4	5.976	5.095	20488916	100.2E6	450.898	536.129
7)	L1 AR-1016-5	6.269	5.310	19589761	112.8E6	451.320	494.710
31)	L7 AR-1260-1	7.386	6.337	35993426	245.1E6	523.490	447.543
32)	L7 AR-1260-2	7.639	6.523	40522546	366.1E6	452.375	449.854
33)	L7 AR-1260-3	7.997	6.676	33453132	248.7E6	482.823	441.978
34)	L7 AR-1260-4	8.225	7.145	34642064	251.3E6	505.197	483.881
35)	L7 AR-1260-5	8.550	7.386	70755876	622.9E6	478.237	459.520

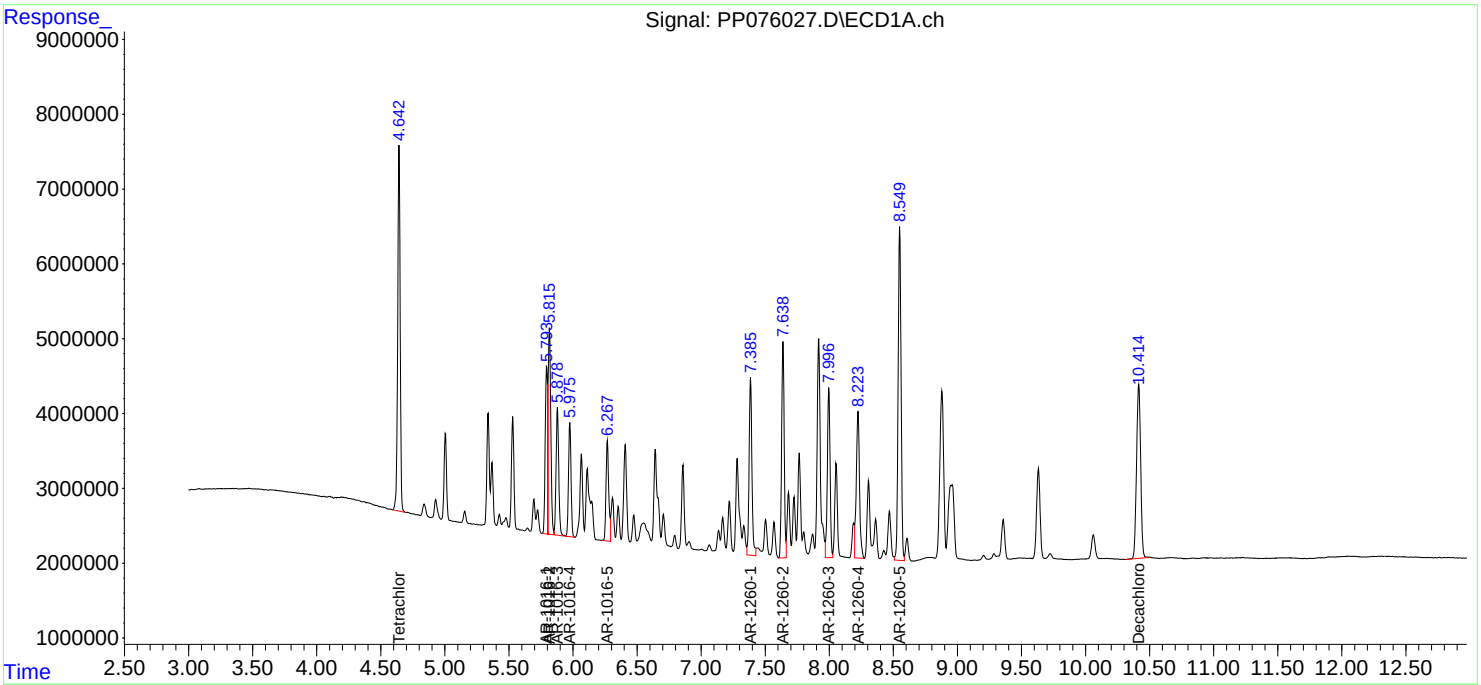
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

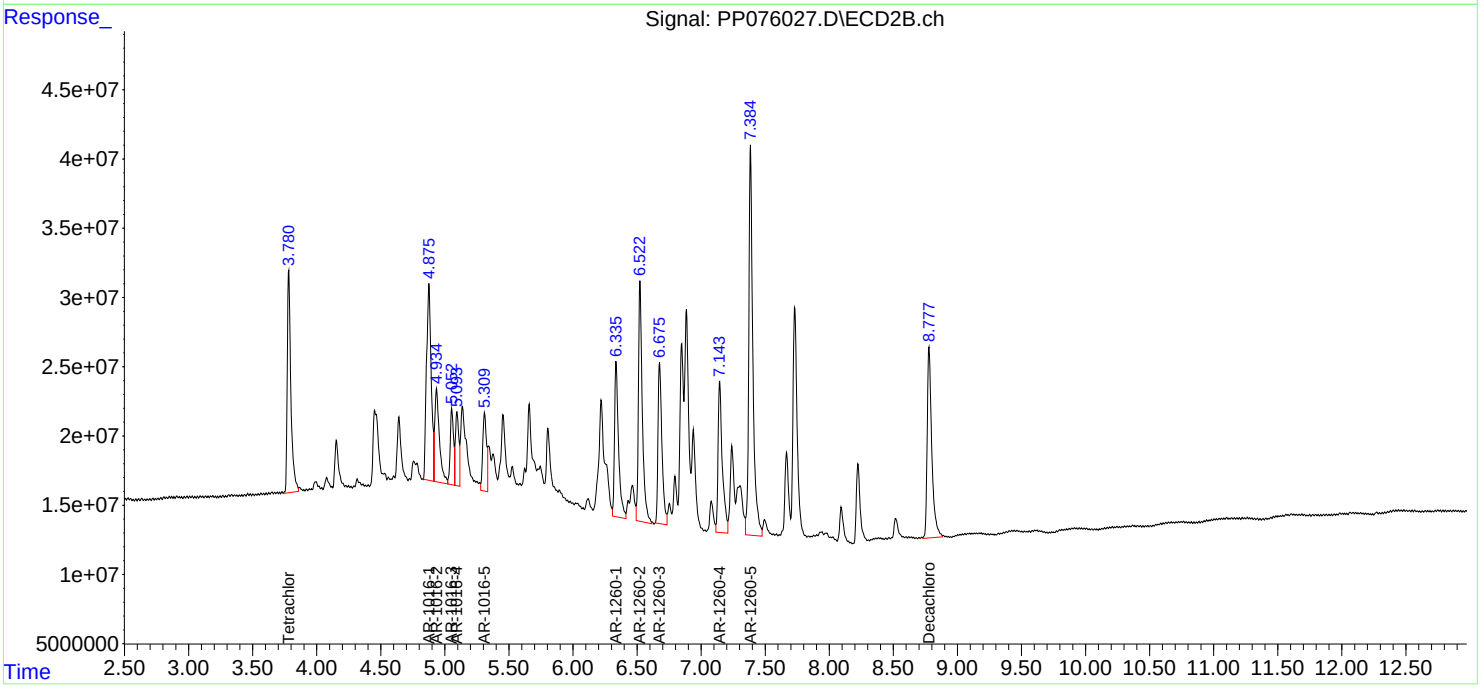
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102425\
Data File : PP076027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 14:06
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

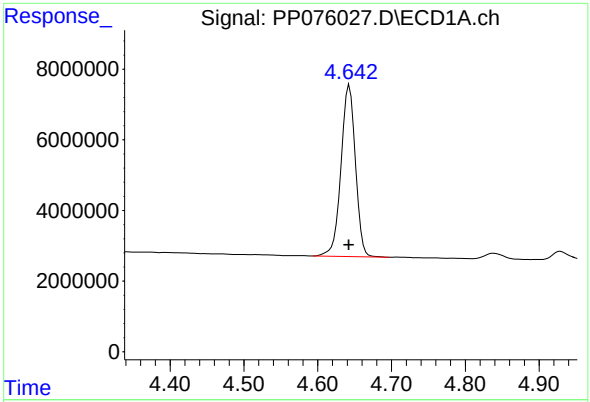
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:34:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



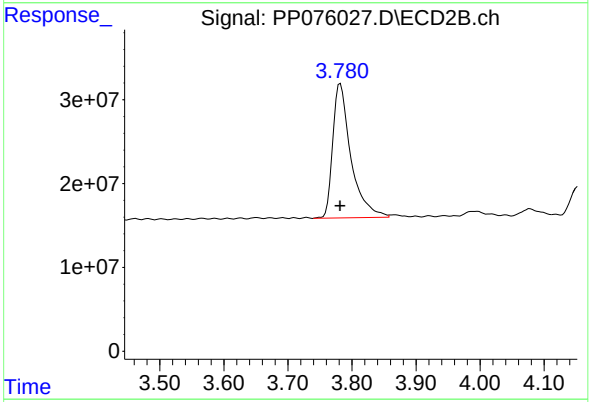




#1 Tetrachloro-m-xylene

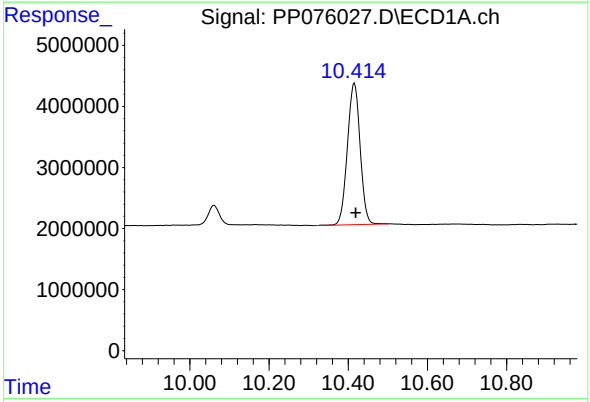
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 66043388
Conc: 46.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



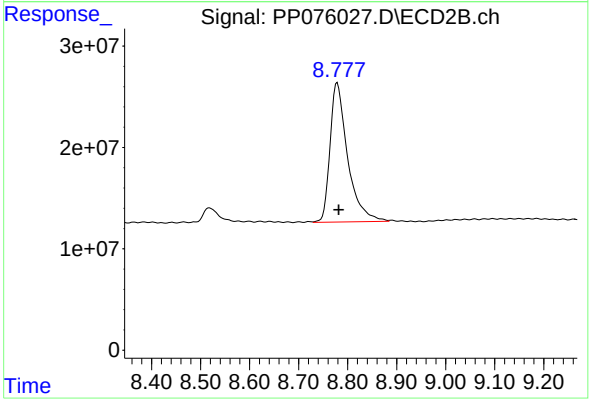
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 315445932
Conc: 47.66 ng/ml



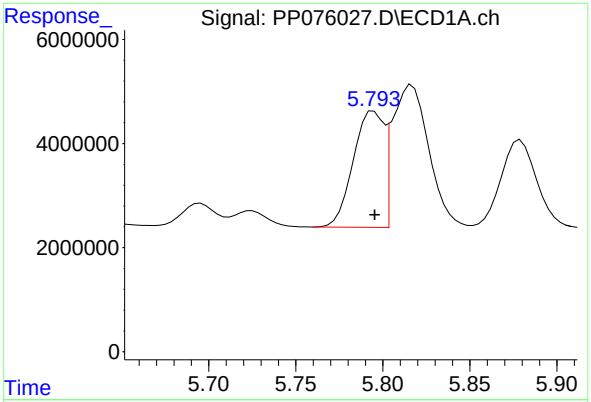
#2 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.003 min
Response: 51645981
Conc: 47.97 ng/ml



#2 Decachlorobiphenyl

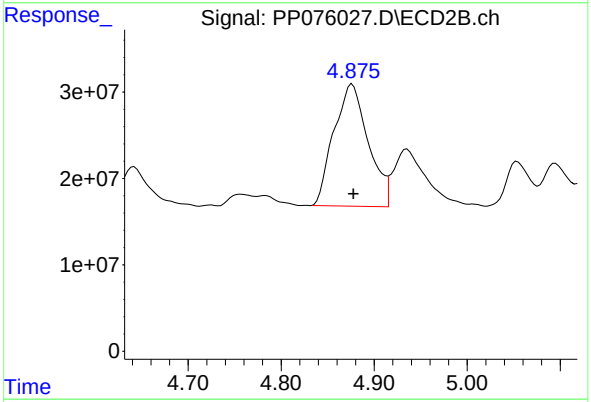
R.T.: 8.779 min
Delta R.T.: -0.003 min
Response: 342837485
Conc: 41.69 ng/ml



#3 AR-1016-1

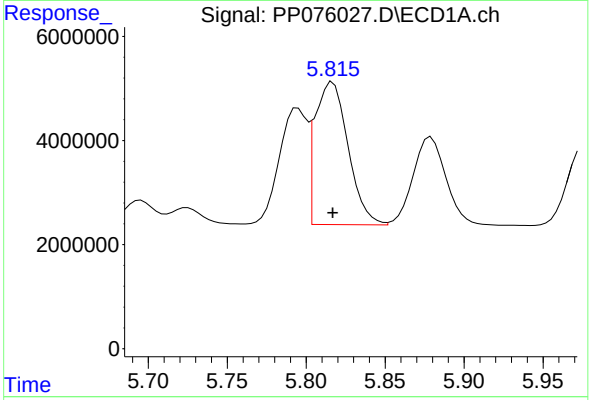
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 27294348
Conc: 461.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



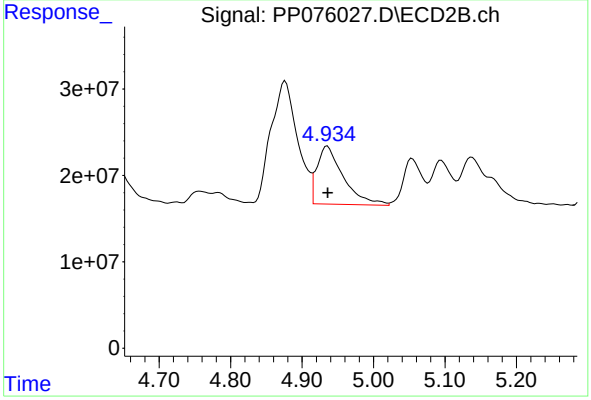
#3 AR-1016-1

R.T.: 4.876 min
Delta R.T.: -0.001 min
Response: 363332538
Conc: 490.88 ng/ml



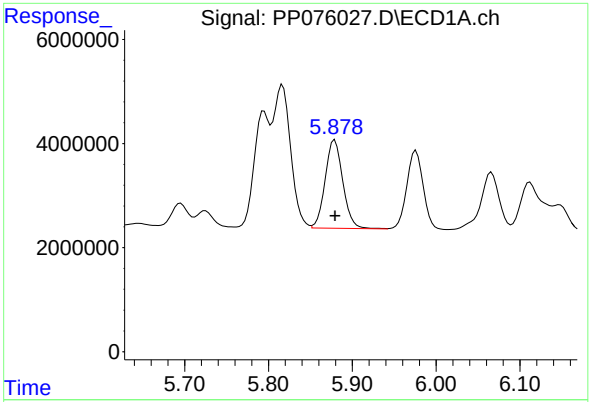
#4 AR-1016-2

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 40043933
Conc: 452.76 ng/ml



#4 AR-1016-2

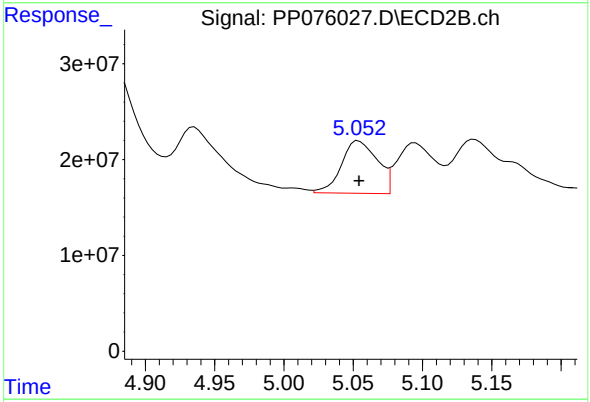
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 172340021
Conc: 504.02 ng/ml



#5 AR-1016-3

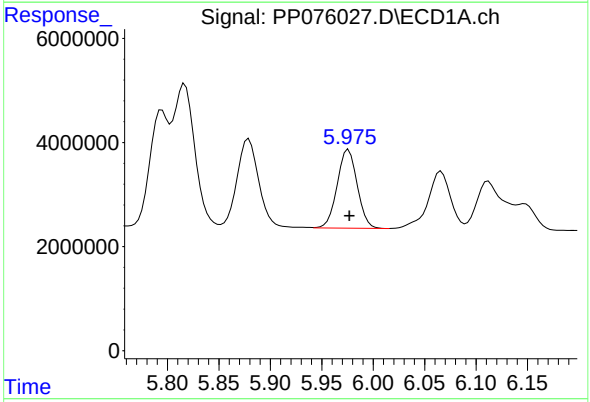
R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 24801394
Conc: 448.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



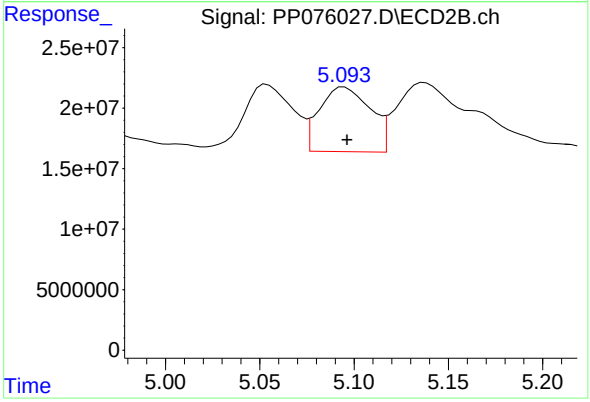
#5 AR-1016-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 98650897
Conc: 480.42 ng/ml



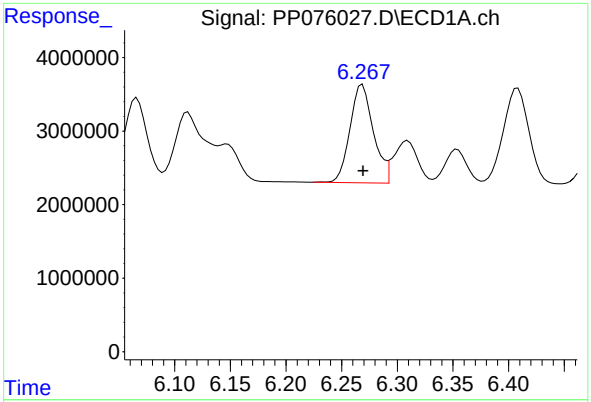
#6 AR-1016-4

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 20488916
Conc: 450.90 ng/ml



#6 AR-1016-4

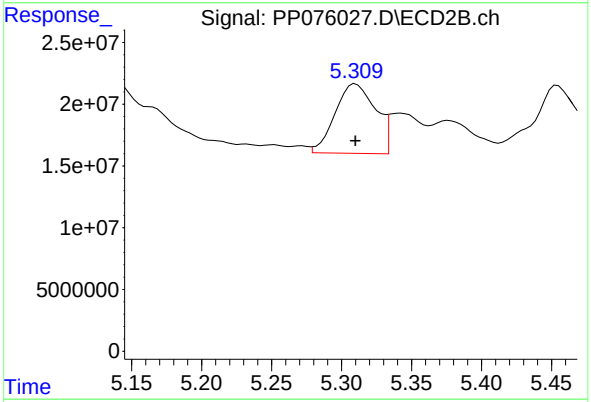
R.T.: 5.095 min
Delta R.T.: -0.001 min
Response: 100194702
Conc: 536.13 ng/ml



#7 AR-1016-5

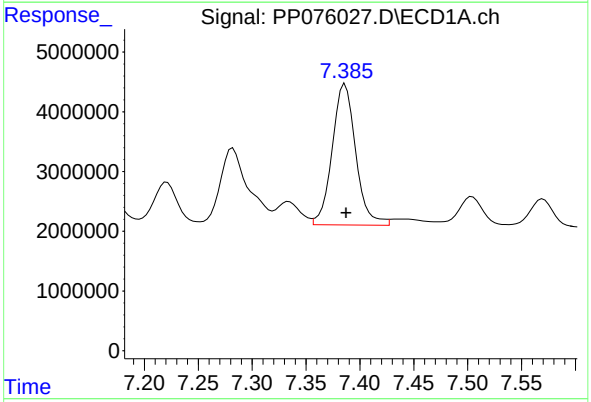
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 19589761
Conc: 451.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



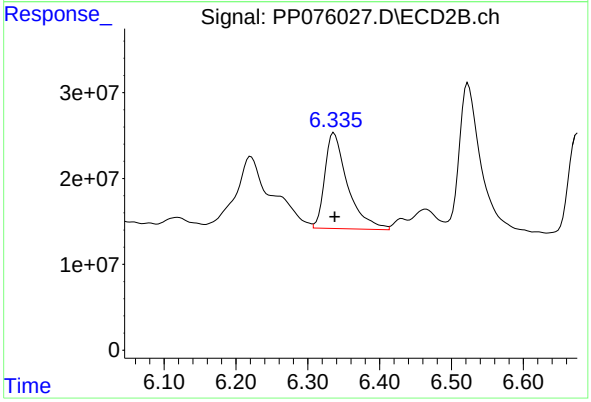
#7 AR-1016-5

R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 112785478
Conc: 494.71 ng/ml



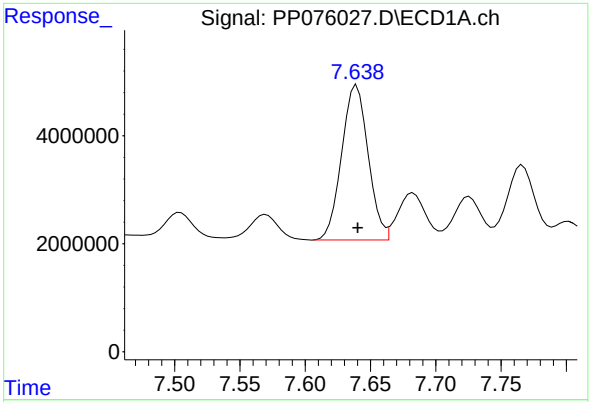
#31 AR-1260-1

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 35993426
Conc: 523.49 ng/ml



#31 AR-1260-1

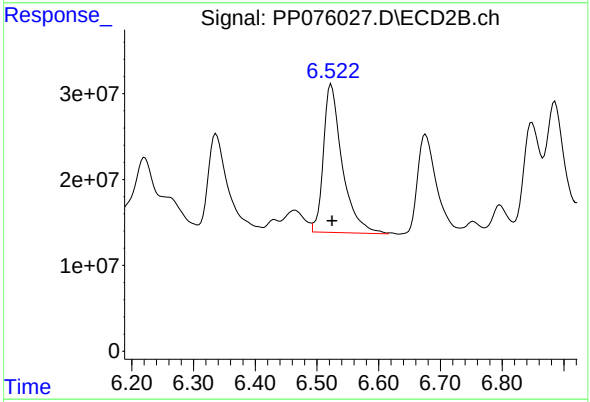
R.T.: 6.337 min
Delta R.T.: -0.001 min
Response: 245117127
Conc: 447.54 ng/ml



#32 AR-1260-2

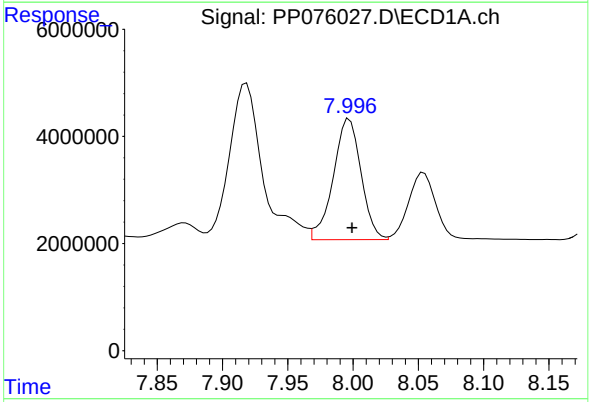
R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 40522546
Conc: 452.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



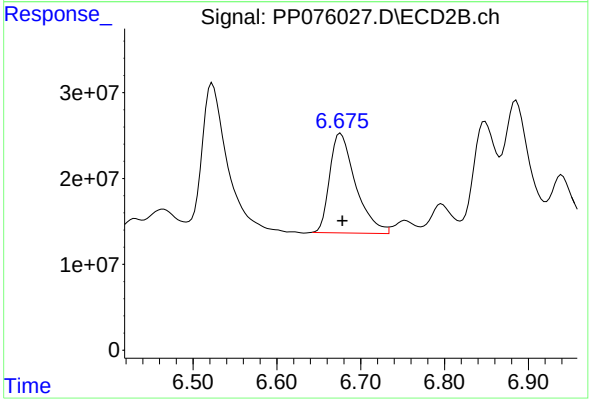
#32 AR-1260-2

R.T.: 6.523 min
Delta R.T.: -0.001 min
Response: 366061266
Conc: 449.85 ng/ml



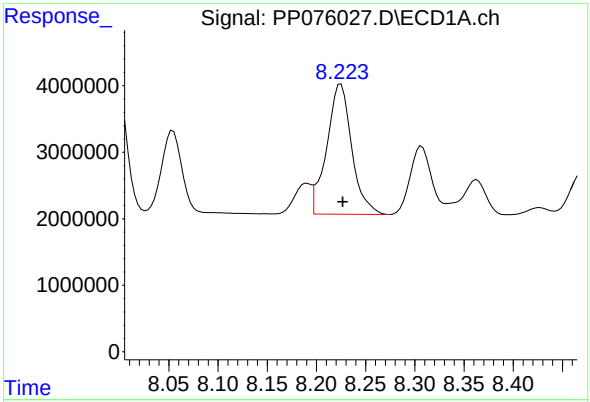
#33 AR-1260-3

R.T.: 7.997 min
Delta R.T.: -0.002 min
Response: 33453132
Conc: 482.82 ng/ml



#33 AR-1260-3

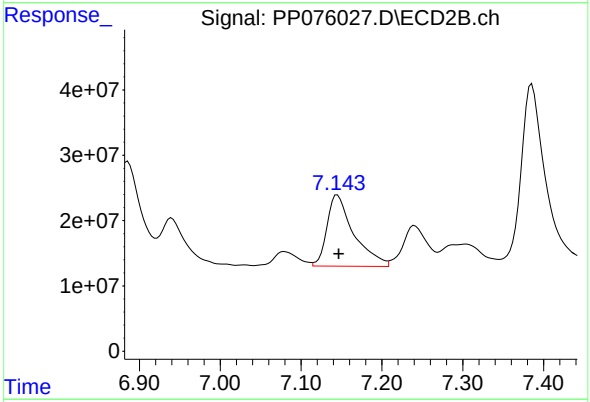
R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 248726252
Conc: 441.98 ng/ml



#34 AR-1260-4

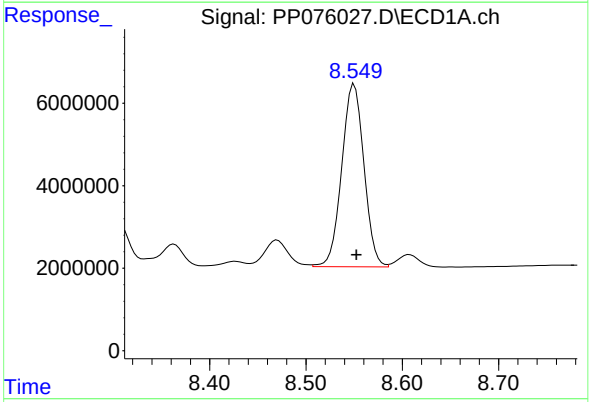
R.T.: 8.225 min
Delta R.T.: -0.002 min
Response: 34642064
Conc: 505.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



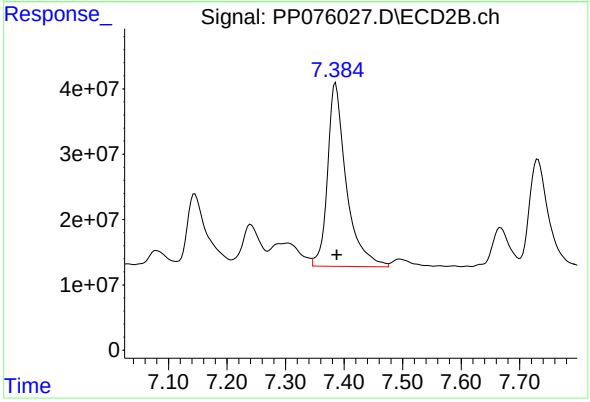
#34 AR-1260-4

R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 251294774
Conc: 483.88 ng/ml



#35 AR-1260-5

R.T.: 8.550 min
Delta R.T.: -0.002 min
Response: 70755876
Conc: 478.24 ng/ml



#35 AR-1260-5

R.T.: 7.386 min
Delta R.T.: -0.002 min
Response: 622904225
Conc: 459.52 ng/ml

Raw Data: **PQ071149.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 08:57 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.48	4.48	4.38	4.58	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.55	4.75	0.00
Aroclor-1016-5	(5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1	(1)	6.02	6.02	5.92	6.12	0.00
Aroclor-1260-2	(2)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-3	(3)	6.63	6.63	6.53	6.73	0.00
Aroclor-1260-4	(4)	6.84	6.84	6.74	6.94	0.00
Aroclor-1260-5	(5)	7.15	7.15	7.05	7.25	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.50	8.50	8.40	8.60	0.00

Raw Data: **PQ071149.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 08:57 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	3.78	3.78	3.68	3.88	0.00
Aroclor-1016-2	(2)	3.79	3.79	3.69	3.89	0.00
Aroclor-1016-3	(3)	3.95	3.95	3.85	4.05	0.00
Aroclor-1016-4	(4)	4.00	4.00	3.90	4.10	0.00
Aroclor-1016-5	(5)	4.19	4.20	4.10	4.30	0.01
Aroclor-1260-1	(1)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-2	(2)	5.38	5.38	5.28	5.48	0.00
Aroclor-1260-3	(3)	5.52	5.52	5.42	5.62	0.00
Aroclor-1260-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1260-5	(5)	6.22	6.22	6.12	6.32	0.00
Tetrachloro-m-xylene		2.78	2.78	2.68	2.88	0.00
Decachlorobiphenyl		7.53	7.53	7.43	7.63	0.00

Raw Data: **PQ071149.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071149.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.480	4.380	4.580	582.660	500.000	16.5
Aroclor-1016-2	4.499	4.399	4.599	562.340	500.000	12.5
Aroclor-1016-3	4.556	4.456	4.656	584.520	500.000	16.9
Aroclor-1016-4	4.646	4.546	4.746	585.390	500.000	17.1
Aroclor-1016-5	4.931	4.831	5.031	576.280	500.000	15.3
Aroclor-1260-1	6.020	5.919	6.119	558.050	500.000	11.6
Aroclor-1260-2	6.276	6.175	6.375	557.500	500.000	11.5
Aroclor-1260-3	6.626	6.526	6.726	583.750	500.000	16.8
Aroclor-1260-4	6.841	6.740	6.940	592.250	500.000	18.5
Aroclor-1260-5	7.146	7.045	7.245	579.210	500.000	15.8
Decachlorobiphenyl	8.497	8.396	8.596	59.340	50.000	18.7
Tetrachloro-m-xylene	3.400	3.300	3.500	57.140	50.000	14.3

Raw Data: **PQ071149.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071149.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.776	3.678	3.878	461.700	500.000	-7.7
Aroclor-1016-2	3.791	3.693	3.893	465.260	500.000	-6.9
Aroclor-1016-3	3.951	3.853	4.053	480.210	500.000	-4.0
Aroclor-1016-4	4.000	3.902	4.102	488.300	500.000	-2.3
Aroclor-1016-5	4.194	4.097	4.297	480.390	500.000	-3.9
Aroclor-1260-1	5.187	5.089	5.289	477.270	500.000	-4.5
Aroclor-1260-2	5.376	5.278	5.478	476.660	500.000	-4.7
Aroclor-1260-3	5.517	5.419	5.619	480.230	500.000	-4.0
Aroclor-1260-4	5.977	5.879	6.079	481.030	500.000	-3.8
Aroclor-1260-5	6.222	6.124	6.324	480.940	500.000	-3.8
Decachlorobiphenyl	7.531	7.433	7.633	56.210	50.000	12.4
Tetrachloro-m-xylene	2.776	2.678	2.878	49.690	50.000	-0.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 08:57
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: Oct 27 11:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.776	248.6E6	252.4E6	57.145	49.691
2)	SA Decachlor...	8.497	7.531	172.3E6	283.8E6	59.344	56.205
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.776	95639952	103.4E6	582.659	461.704
4)	L1 AR-1016-2	4.499	3.791	144.1E6	158.2E6	562.335	465.258
5)	L1 AR-1016-3	4.556	3.951	93008322	87331257	584.523	480.214
6)	L1 AR-1016-4	4.646	4.000	76059348	76865356	585.390	488.305
7)	L1 AR-1016-5	4.931	4.194	74226869	92158770	576.283	480.389
31)	L7 AR-1260-1	6.020	5.187	130.8E6	172.0E6	558.047	477.273
32)	L7 AR-1260-2	6.276	5.376	154.2E6	209.7E6	557.496	476.659
33)	L7 AR-1260-3	6.626	5.517	116.3E6	199.3E6	583.746	480.230
34)	L7 AR-1260-4	6.841	5.977	127.3E6	173.1E6	592.247	481.031
35)	L7 AR-1260-5	7.146	6.222	251.2E6	404.1E6	579.210	480.935

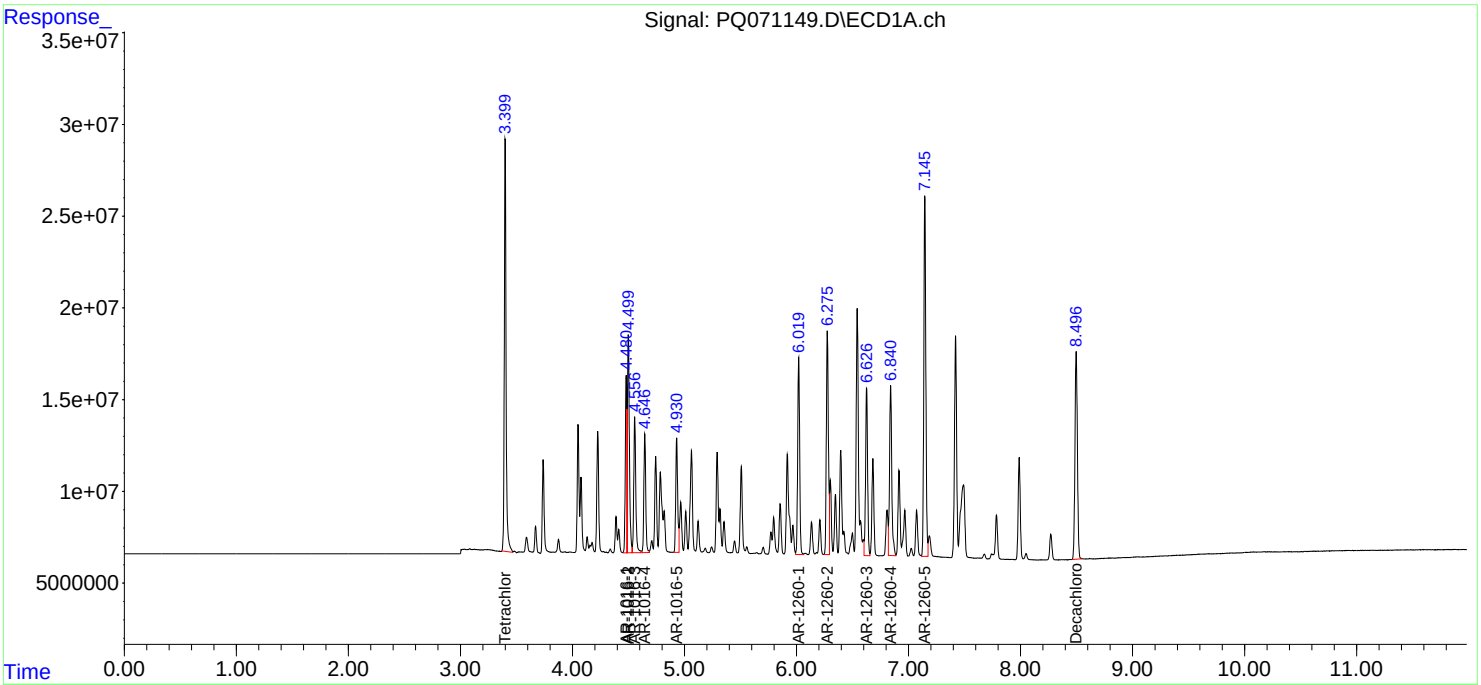
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

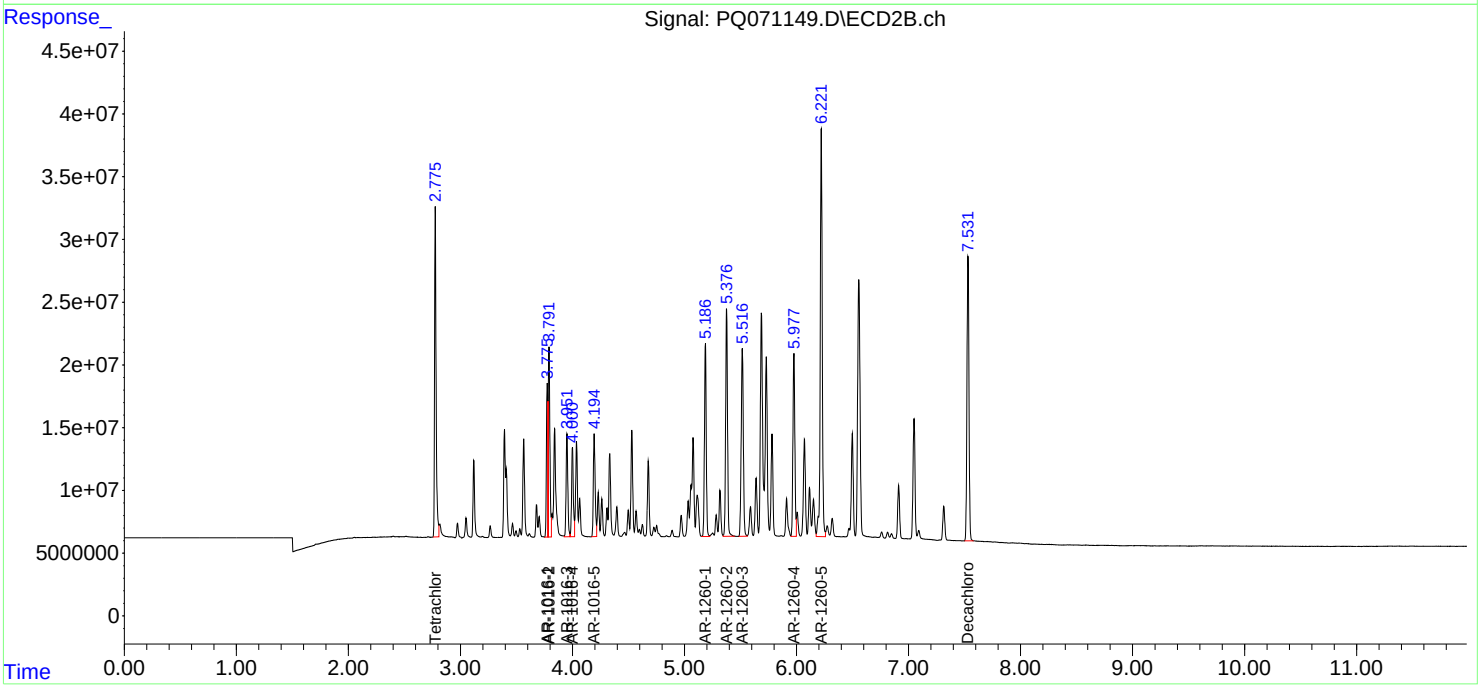
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

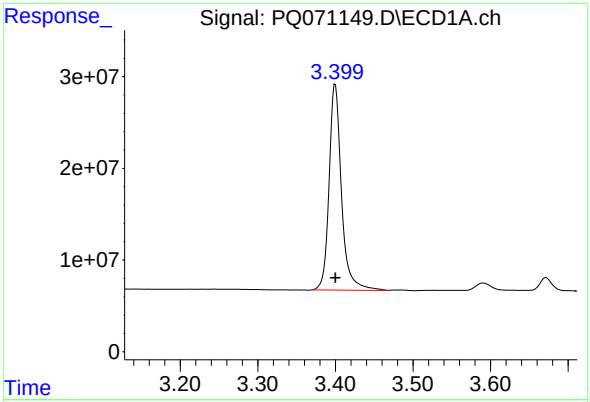
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



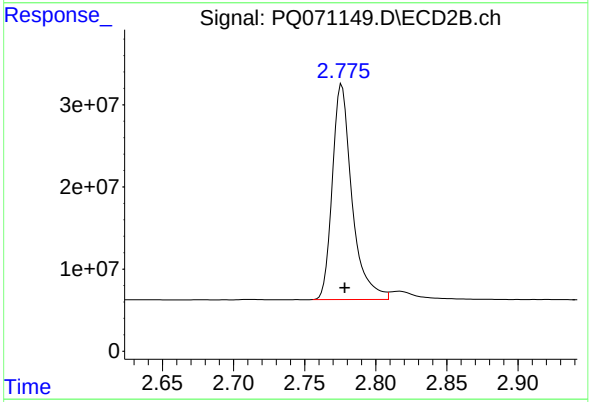




#1 Tetrachloro-m-xylene

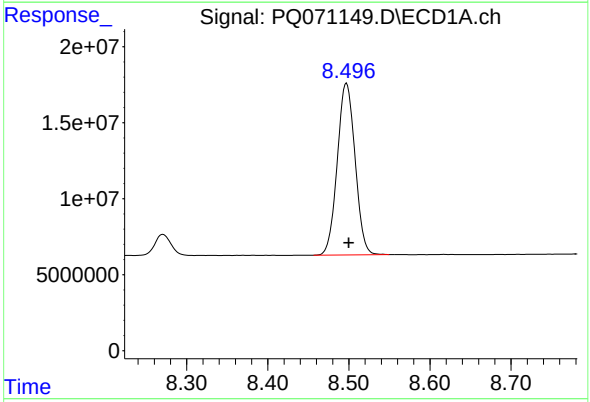
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 248596384
Conc: 57.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



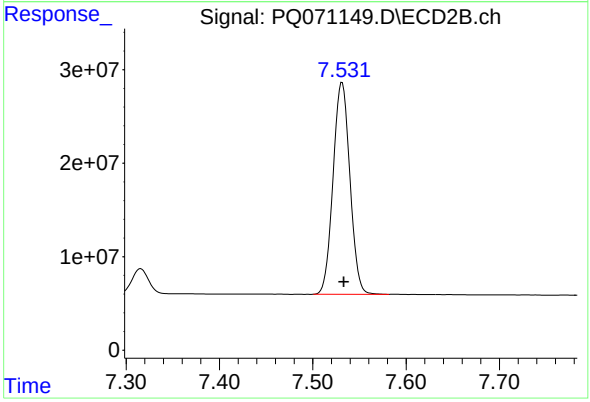
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 252430192
Conc: 49.69 ng/ml



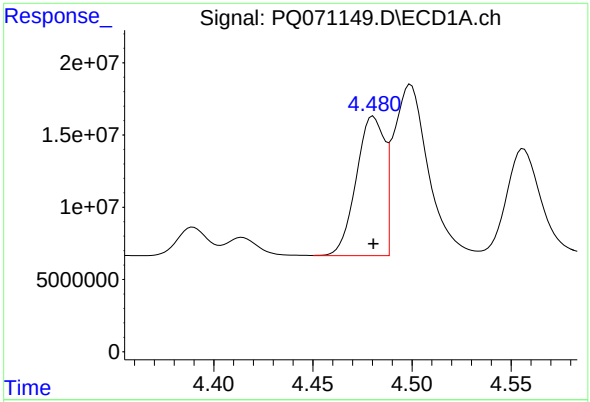
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 172334791
Conc: 59.34 ng/ml



#2 Decachlorobiphenyl

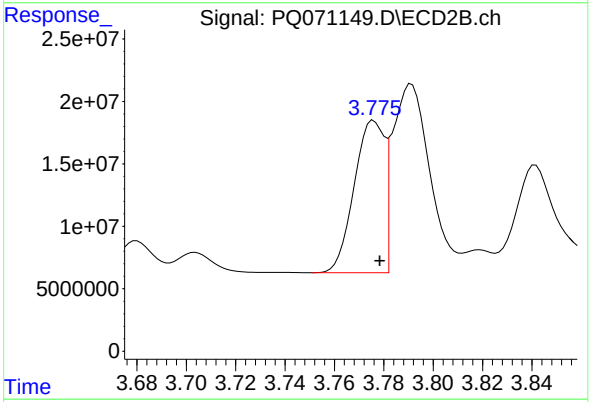
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 283812510
Conc: 56.21 ng/ml



#3 AR-1016-1

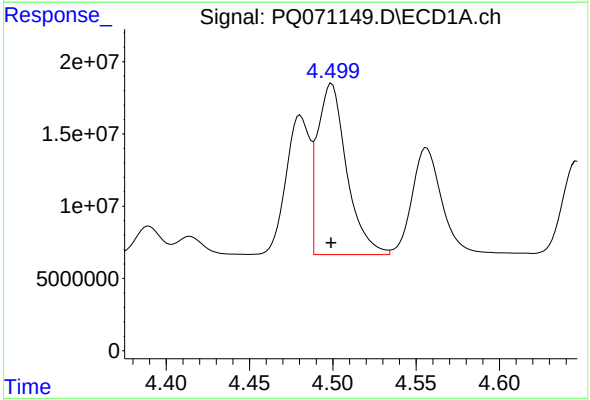
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 95639952
Conc: 582.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



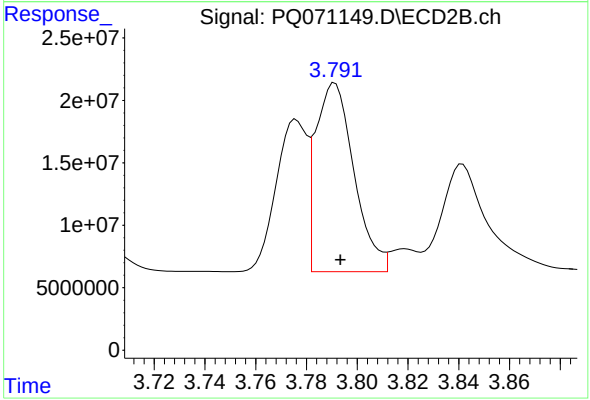
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 103422635
Conc: 461.70 ng/ml



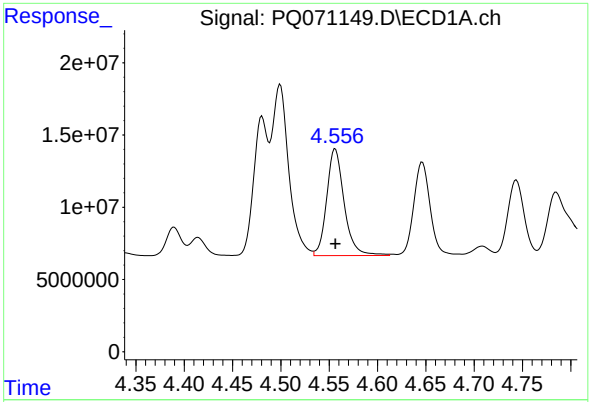
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 144123373
Conc: 562.34 ng/ml



#4 AR-1016-2

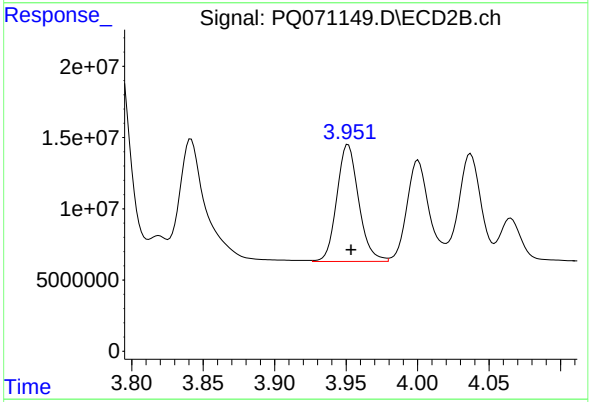
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 158244896
Conc: 465.26 ng/ml



#5 AR-1016-3

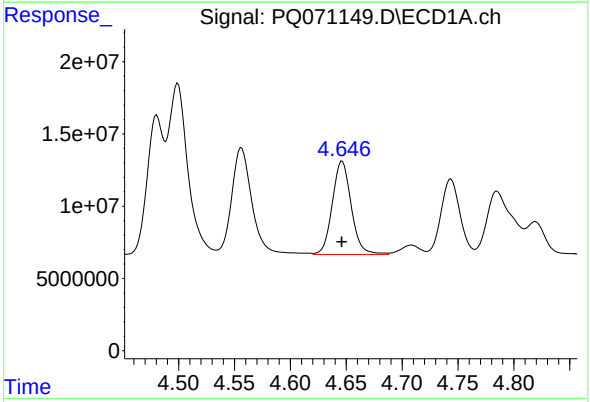
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 93008322
Conc: 584.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



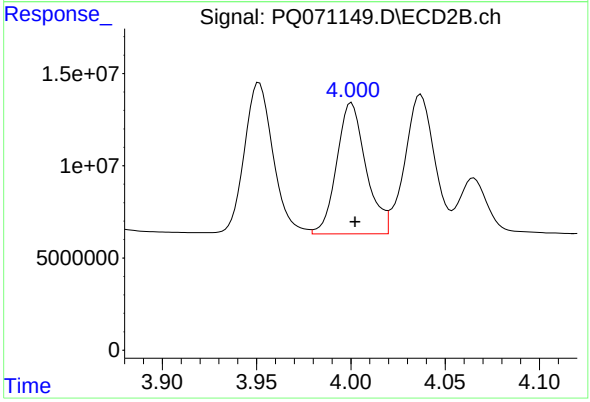
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 87331257
Conc: 480.21 ng/ml



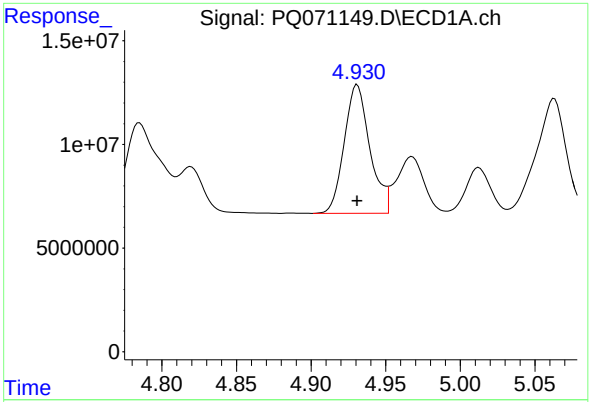
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 76059348
Conc: 585.39 ng/ml



#6 AR-1016-4

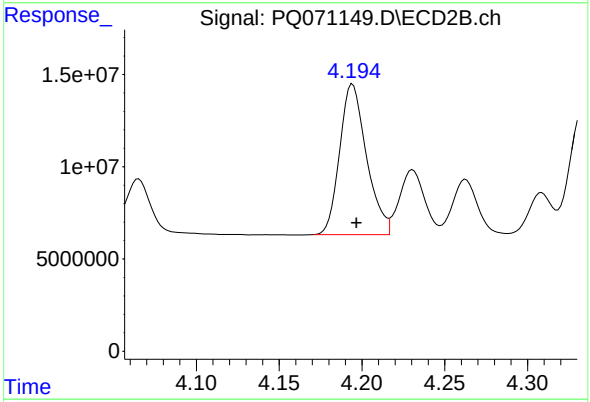
R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 76865356
Conc: 488.30 ng/ml



#7 AR-1016-5

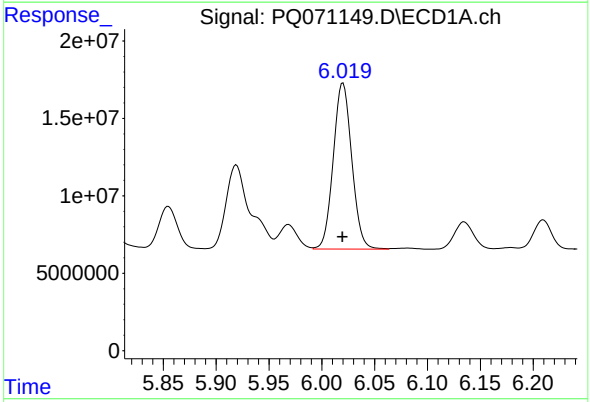
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 74226869
Conc: 576.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



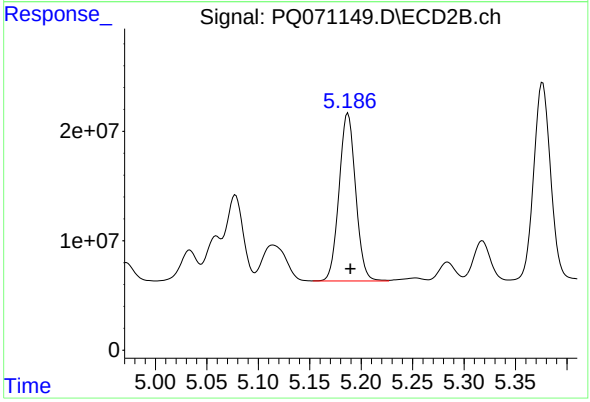
#7 AR-1016-5

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 92158770
Conc: 480.39 ng/ml



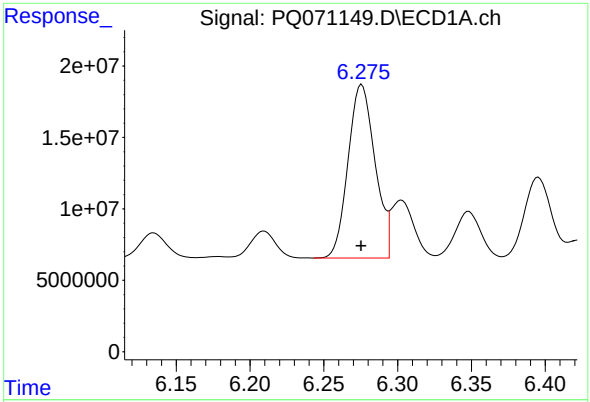
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 130845896
Conc: 558.05 ng/ml



#31 AR-1260-1

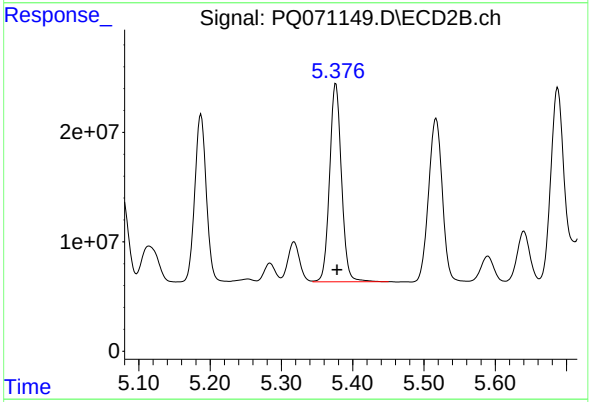
R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 172012081
Conc: 477.27 ng/ml



#32 AR-1260-2

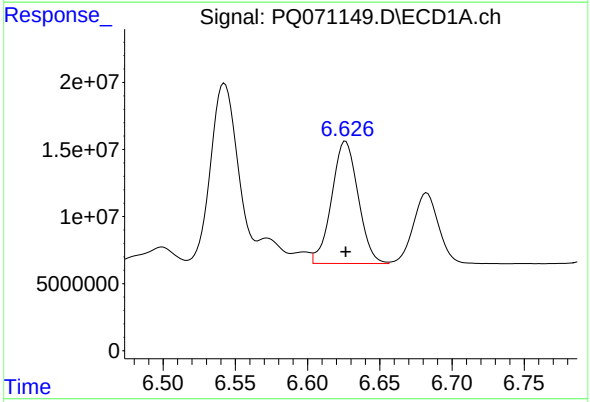
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 154208521
Conc: 557.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



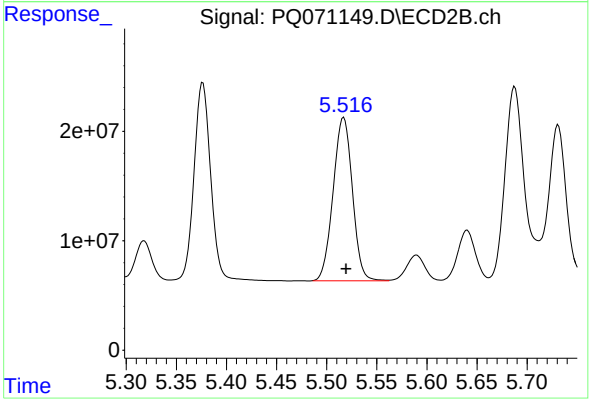
#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 209727099
Conc: 476.66 ng/ml



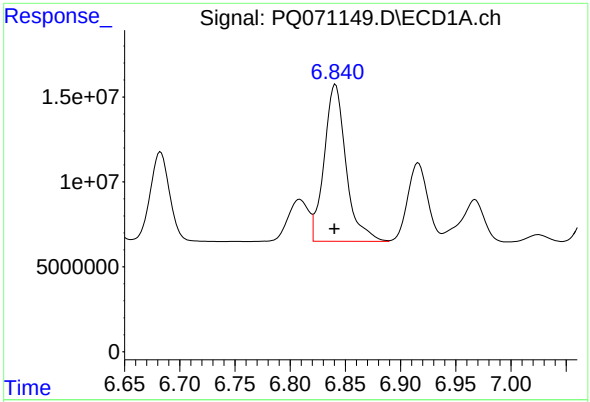
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 116345413
Conc: 583.75 ng/ml



#33 AR-1260-3

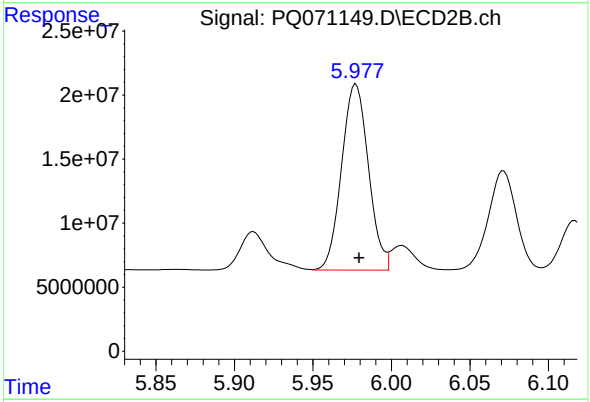
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 199294991
Conc: 480.23 ng/ml



#34 AR-1260-4

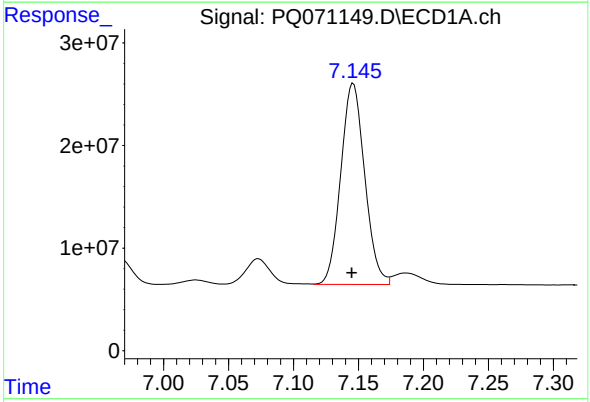
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 127264014
Conc: 592.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



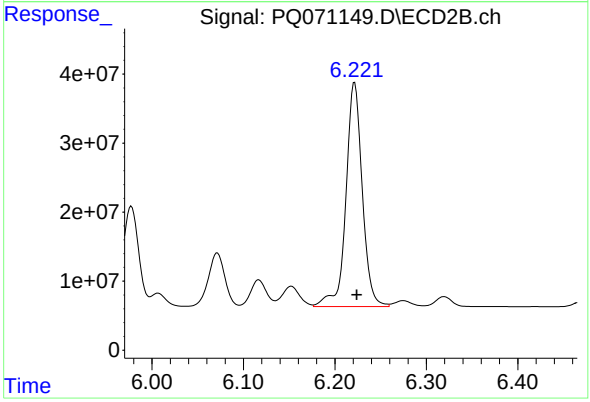
#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 173057214
Conc: 481.03 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.001 min
Response: 251248178
Conc: 579.21 ng/ml



#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 404121248
Conc: 480.94 ng/ml

Raw Data: **PQ071161.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 12:35 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.48	4.48	4.38	4.58	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.55	4.75	0.01
Aroclor-1016-5	(5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1	(1)	6.02	6.02	5.92	6.12	0.00
Aroclor-1260-2	(2)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-3	(3)	6.63	6.63	6.53	6.73	0.00
Aroclor-1260-4	(4)	6.84	6.84	6.74	6.94	0.00
Aroclor-1260-5	(5)	7.15	7.15	7.05	7.25	0.01
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.50	8.50	8.40	8.60	0.01

Raw Data: **PQ071161.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 12:35 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	3.78	3.78	3.68	3.88	0.00
Aroclor-1016-2	(2)	3.79	3.79	3.69	3.89	0.00
Aroclor-1016-3	(3)	3.95	3.95	3.85	4.05	0.00
Aroclor-1016-4	(4)	4.00	4.00	3.90	4.10	0.00
Aroclor-1016-5	(5)	4.20	4.20	4.10	4.30	0.00
Aroclor-1260-1	(1)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-2	(2)	5.38	5.38	5.28	5.48	0.00
Aroclor-1260-3	(3)	5.52	5.52	5.42	5.62	0.00
Aroclor-1260-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1260-5	(5)	6.22	6.22	6.12	6.32	0.00
Tetrachloro-m-xylene		2.78	2.78	2.68	2.88	0.00
Decachlorobiphenyl		7.53	7.53	7.43	7.63	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071161.D **Time Analyzed:** 12:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.479	4.380	4.580	550.580	500.000	10.1
Aroclor-1016-2	4.498	4.399	4.599	559.440	500.000	11.9
Aroclor-1016-3	4.556	4.456	4.656	571.120	500.000	14.2
Aroclor-1016-4	4.645	4.546	4.746	570.660	500.000	14.1
Aroclor-1016-5	4.930	4.831	5.031	565.870	500.000	13.2
Aroclor-1260-1	6.019	5.919	6.119	557.440	500.000	11.5
Aroclor-1260-2	6.274	6.175	6.375	551.940	500.000	10.4
Aroclor-1260-3	6.626	6.526	6.726	579.440	500.000	15.9
Aroclor-1260-4	6.839	6.740	6.940	591.430	500.000	18.3
Aroclor-1260-5	7.145	7.045	7.245	581.000	500.000	16.2
Decachlorobiphenyl	8.495	8.396	8.596	59.520	50.000	19.0
Tetrachloro-m-xylene	3.399	3.300	3.500	56.350	50.000	12.7

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3419

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071161.D **Time Analyzed:** 12:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.776	3.678	3.878	459.340	500.000	-8.1
Aroclor-1016-2	3.791	3.693	3.893	461.520	500.000	-7.7
Aroclor-1016-3	3.951	3.853	4.053	473.930	500.000	-5.2
Aroclor-1016-4	4.000	3.902	4.102	480.760	500.000	-3.8
Aroclor-1016-5	4.195	4.097	4.297	472.690	500.000	-5.5
Aroclor-1260-1	5.186	5.089	5.289	469.950	500.000	-6.0
Aroclor-1260-2	5.376	5.278	5.478	469.430	500.000	-6.1
Aroclor-1260-3	5.517	5.419	5.619	470.970	500.000	-5.8
Aroclor-1260-4	5.977	5.879	6.079	477.010	500.000	-4.6
Aroclor-1260-5	6.221	6.124	6.324	476.200	500.000	-4.8
Decachlorobiphenyl	7.531	7.433	7.633	55.990	50.000	12.0
Tetrachloro-m-xylene	2.776	2.678	2.878	50.180	50.000	0.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:35
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: Oct 27 12:58:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.399	2.776	245.1E6	254.9E6	56.346	50.181
2)	SA Decachlor...	8.495	7.531	172.8E6	282.7E6	59.521	55.992
	Target Compounds						
3)	L1 AR-1016-1	4.479	3.776	90374544	102.9E6	550.581	459.336
4)	L1 AR-1016-2	4.498	3.791	143.4E6	157.0E6	559.440	461.520
5)	L1 AR-1016-3	4.556	3.951	90876424	86188973	571.125	473.933
6)	L1 AR-1016-4	4.645	4.000	74144880	75678013	570.656	480.762
7)	L1 AR-1016-5	4.930	4.195	72885811	90681279	565.871	472.688
31)	L7 AR-1260-1	6.019	5.186	130.7E6	169.4E6	557.445	469.948
32)	L7 AR-1260-2	6.274	5.376	152.7E6	206.5E6	551.943	469.434
33)	L7 AR-1260-3	6.626	5.517	115.5E6	195.5E6	579.442	470.969
34)	L7 AR-1260-4	6.839	5.977	127.1E6	171.6E6	591.425	477.012
35)	L7 AR-1260-5	7.145	6.221	252.0E6	400.1E6	580.996	476.203

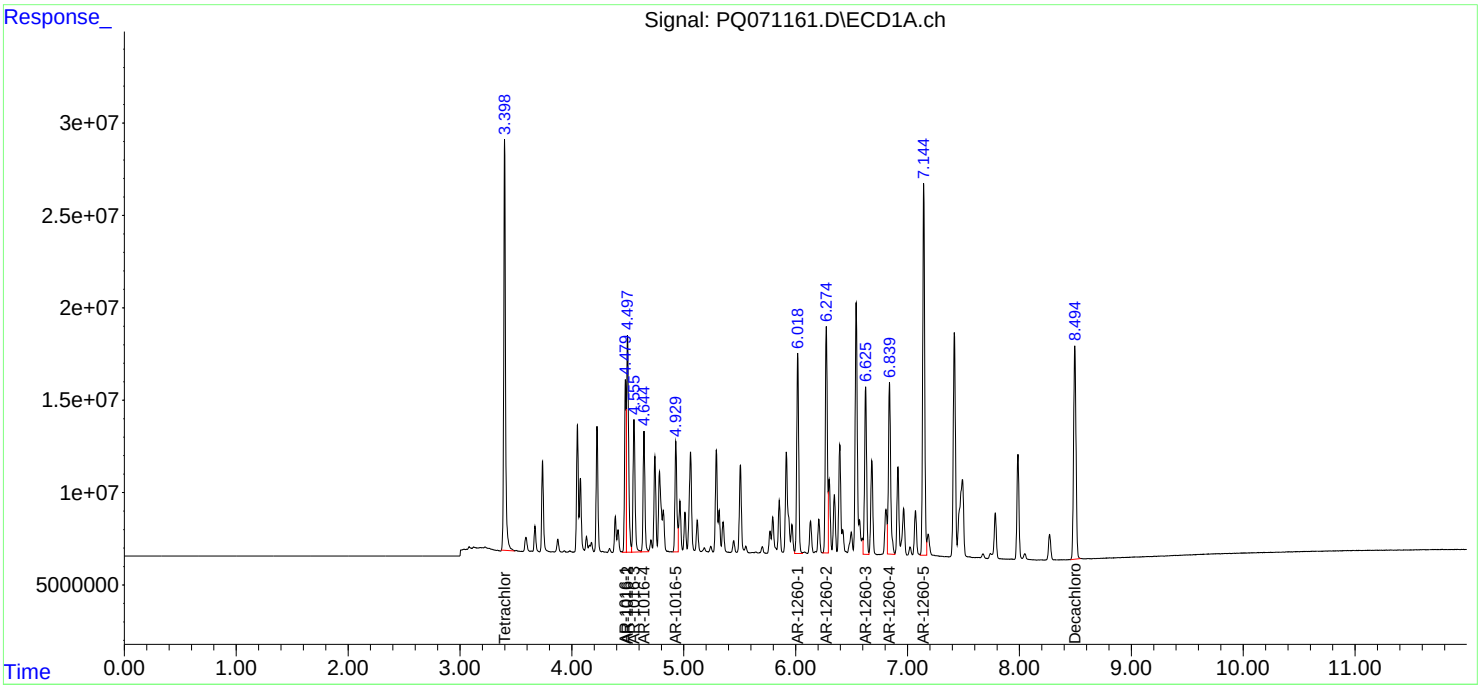
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

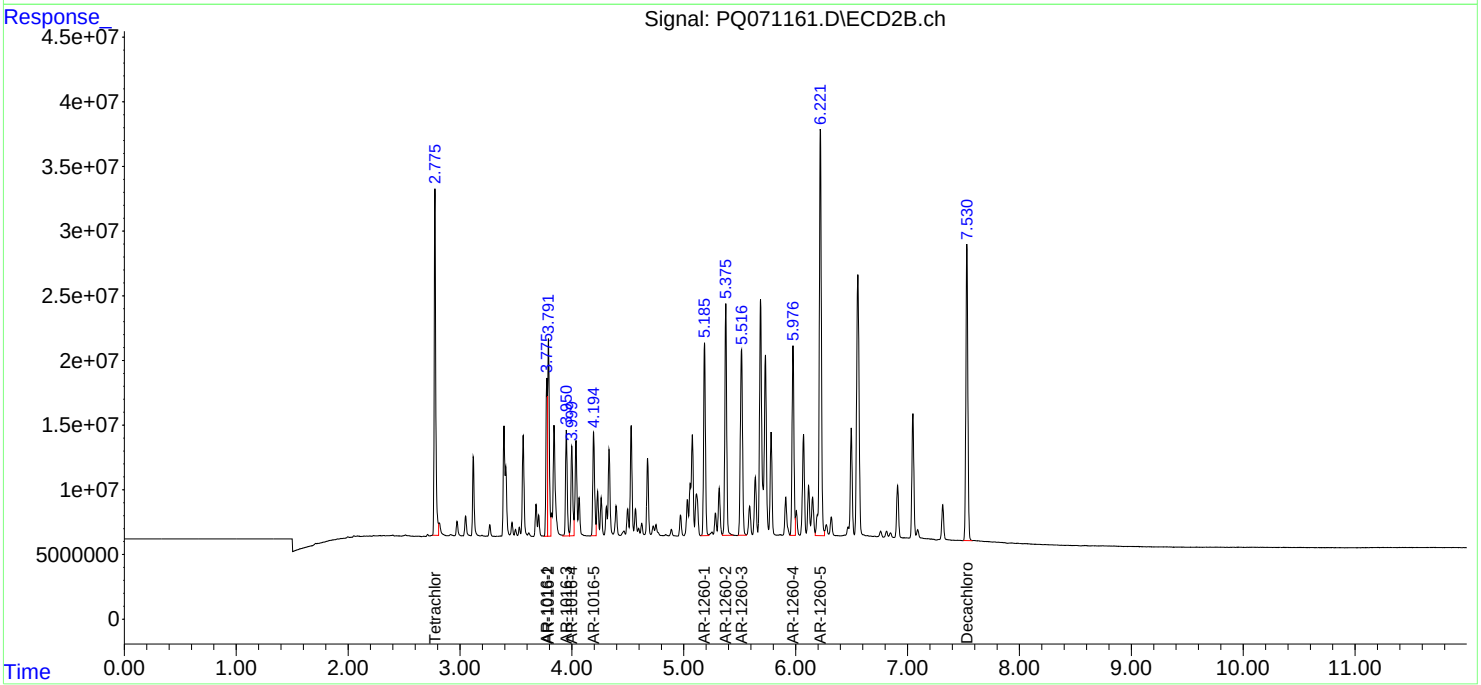
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

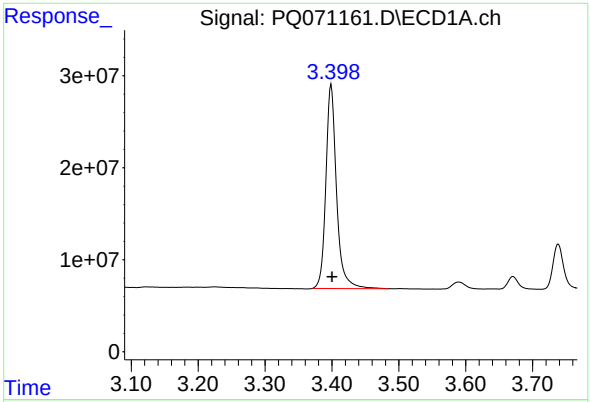
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:58:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



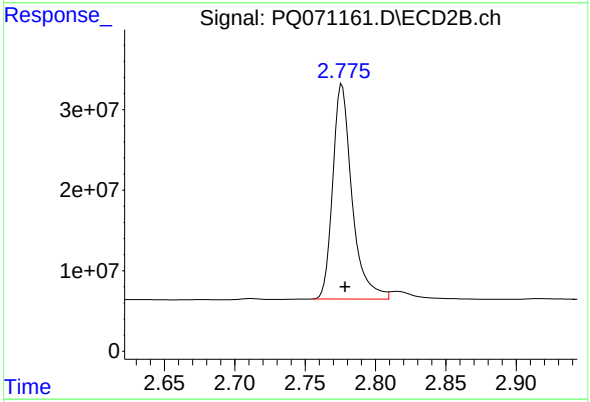




#1 Tetrachloro-m-xylene

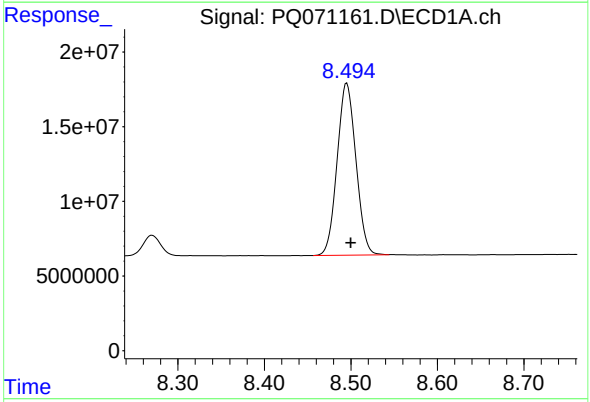
R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 245120024
Conc: 56.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



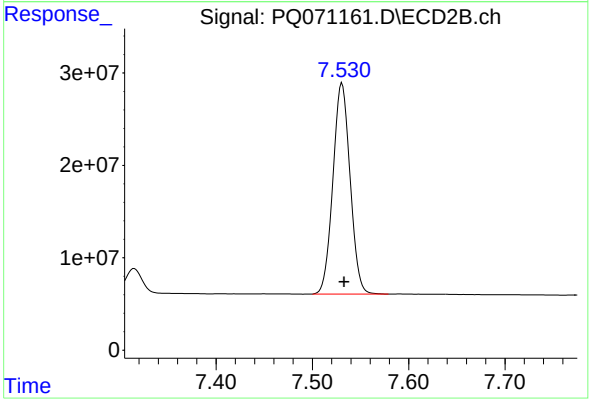
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 254918046
Conc: 50.18 ng/ml



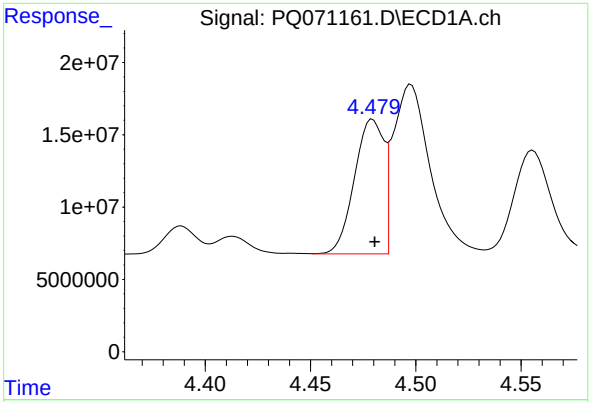
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 172847440
Conc: 59.52 ng/ml



#2 Decachlorobiphenyl

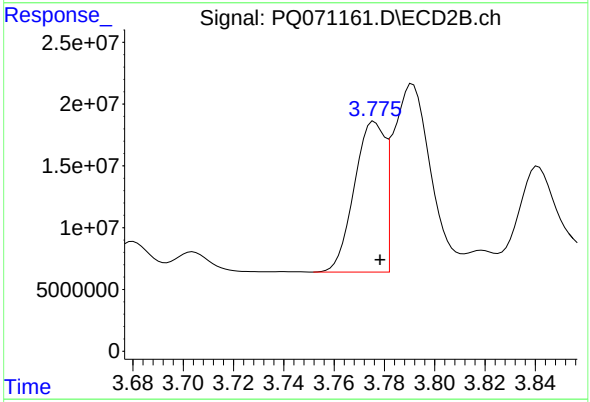
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 282733560
Conc: 55.99 ng/ml



#3 AR-1016-1

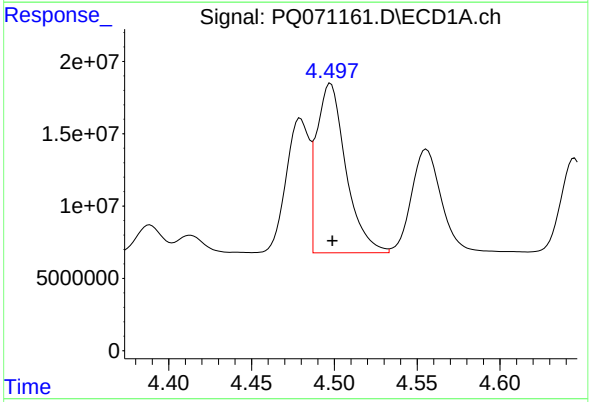
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 90374544
Conc: 550.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



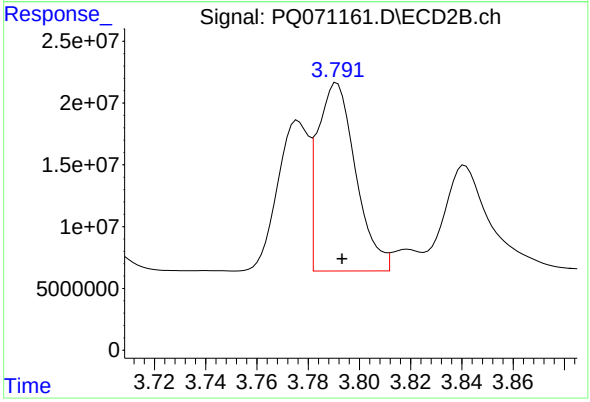
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 102892229
Conc: 459.34 ng/ml



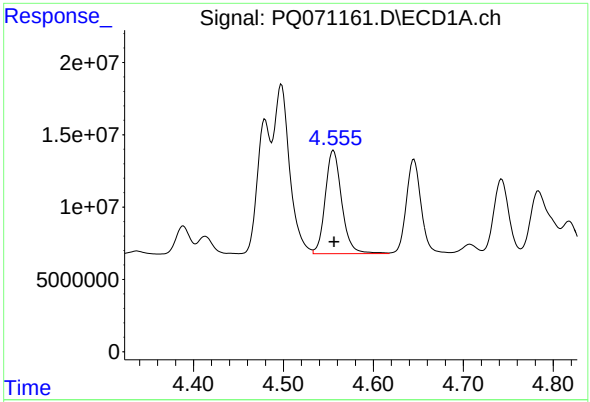
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 143381427
Conc: 559.44 ng/ml



#4 AR-1016-2

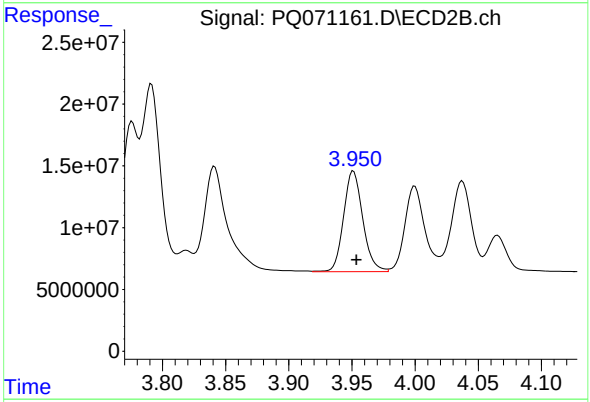
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 156973607
Conc: 461.52 ng/ml



#5 AR-1016-3

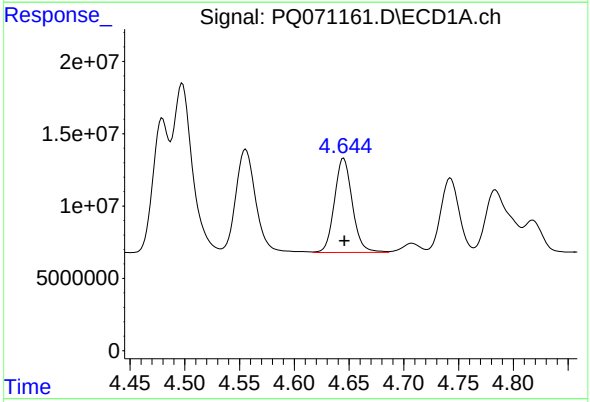
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 90876424
Conc: 571.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



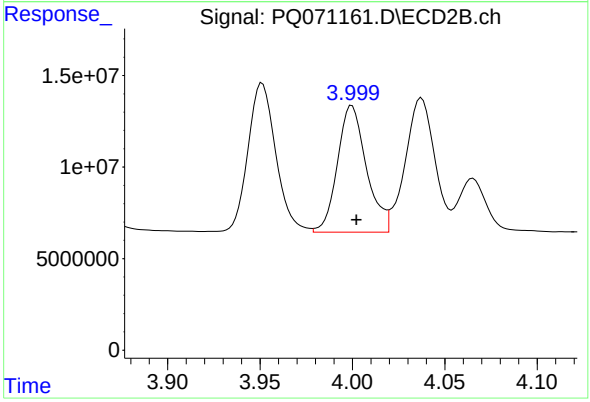
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 86188973
Conc: 473.93 ng/ml



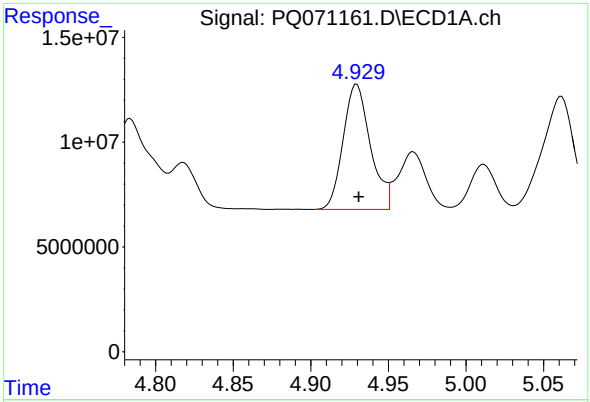
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 74144880
Conc: 570.66 ng/ml



#6 AR-1016-4

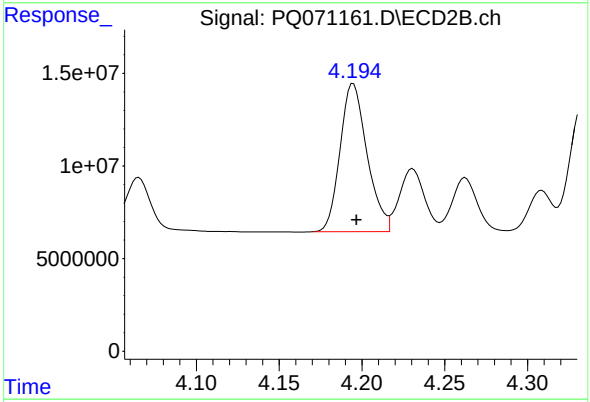
R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 75678013
Conc: 480.76 ng/ml



#7 AR-1016-5

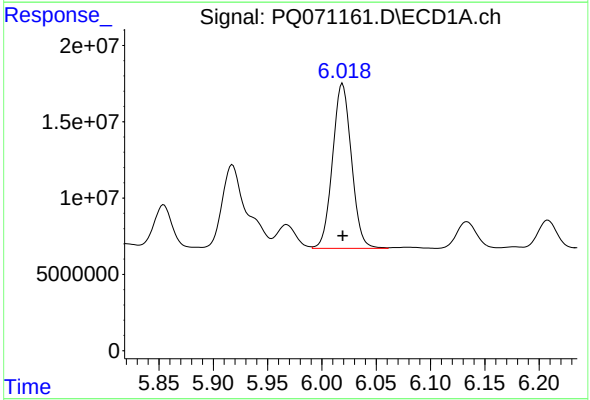
R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 72885811
Conc: 565.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



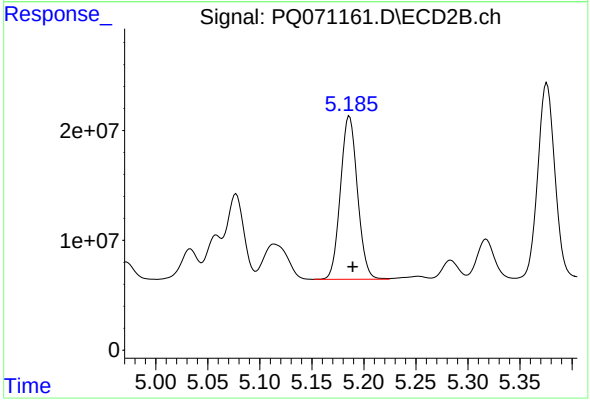
#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 90681279
Conc: 472.69 ng/ml



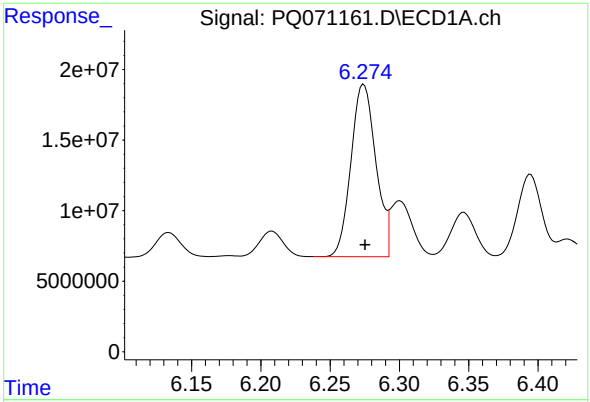
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 130704715
Conc: 557.44 ng/ml



#31 AR-1260-1

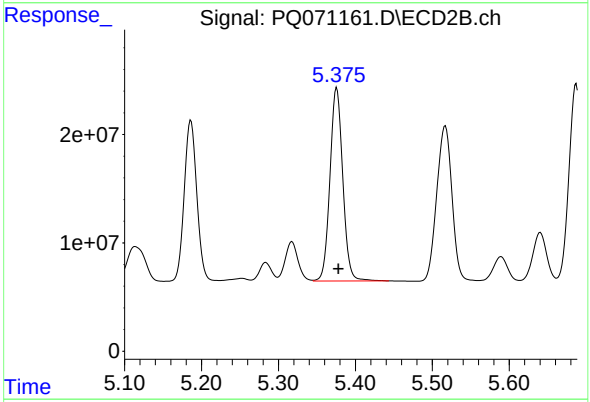
R.T.: 5.186 min
Delta R.T.: -0.003 min
Response: 169371960
Conc: 469.95 ng/ml



#32 AR-1260-2

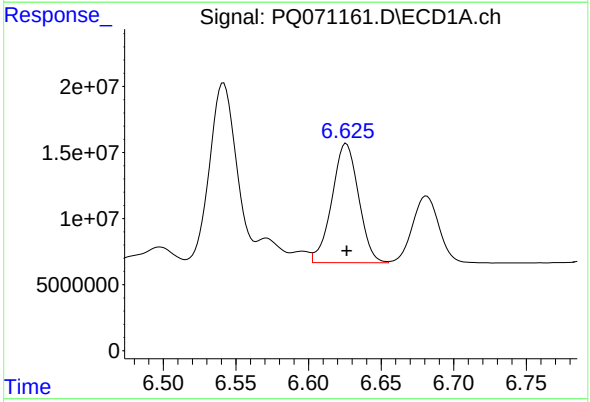
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 152672336
Conc: 551.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



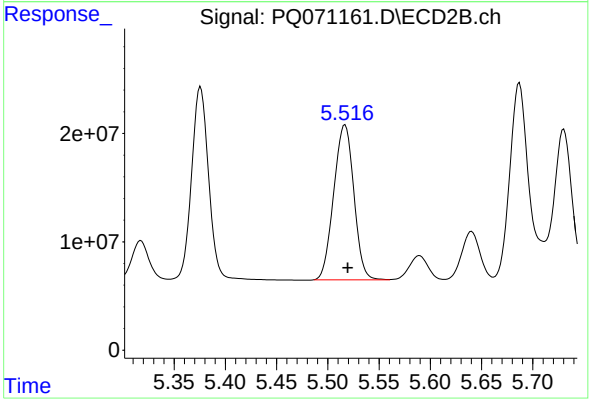
#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 206548048
Conc: 469.43 ng/ml



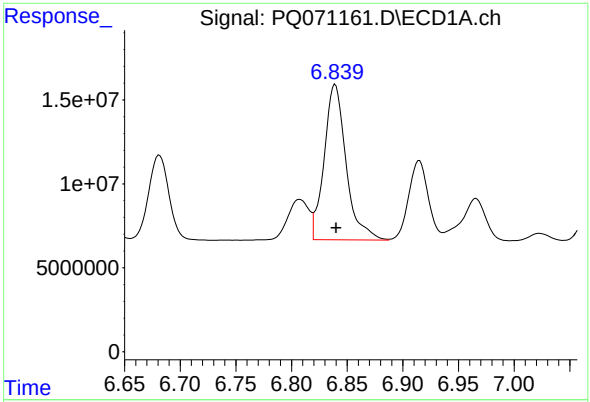
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 115487585
Conc: 579.44 ng/ml



#33 AR-1260-3

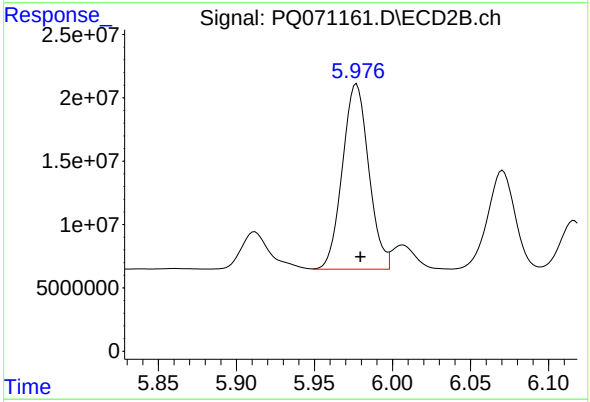
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 195452019
Conc: 470.97 ng/ml



#34 AR-1260-4

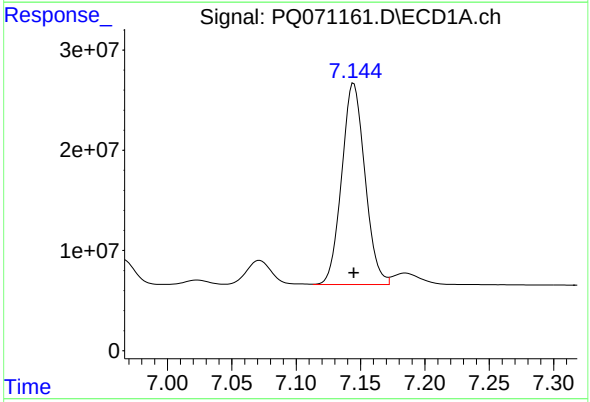
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 127087351
Conc: 591.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



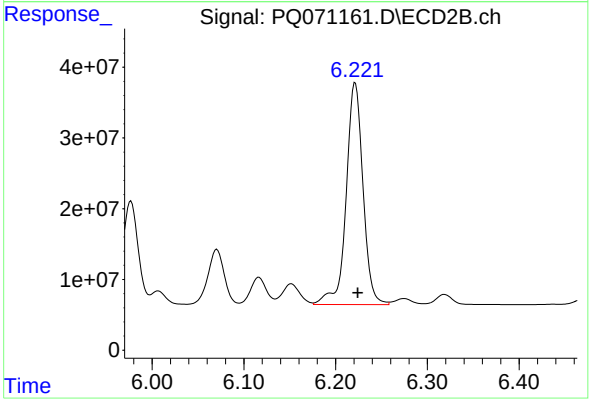
#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 171611128
Conc: 477.01 ng/ml



#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 252022828
Conc: 581.00 ng/ml



#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 400145221
Conc: 476.20 ng/ml

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

Analytical Sequence

Client: AECOM **SDG No.:** Q3419

Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069. **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/09/2025 10/09/2025

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	10/09/2025	13:55	PO114312.D	9.93	4.36
AR1660ICC1000	AR1660ICC1000	10/09/2025	14:14	PO114313.D	9.93	4.36
AR1660ICC750	AR1660ICC750	10/09/2025	14:32	PO114314.D	9.93	4.36
AR1660ICC500	AR1660ICC500	10/09/2025	14:50	PO114315.D	9.93	4.36
AR1660ICC250	AR1660ICC250	10/09/2025	15:09	PO114316.D	9.93	4.36
AR1660ICC050	AR1660ICC050	10/09/2025	15:27	PO114317.D	9.93	4.36
AR1221ICC500	AR1221ICC500	10/09/2025	15:45	PO114318.D	9.93	4.36
AR1232ICC500	AR1232ICC500	10/09/2025	16:04	PO114319.D	9.93	4.36
AR1242ICC1000	AR1242ICC1000	10/09/2025	16:22	PO114320.D	9.93	4.36
AR1242ICC750	AR1242ICC750	10/09/2025	16:40	PO114321.D	9.93	4.36
AR1242ICC500	AR1242ICC500	10/09/2025	16:59	PO114322.D	9.93	4.36
AR1242ICC250	AR1242ICC250	10/09/2025	17:17	PO114323.D	9.93	4.36
AR1242ICC050	AR1242ICC050	10/09/2025	17:35	PO114324.D	9.93	4.36
AR1248ICC1000	AR1248ICC1000	10/09/2025	17:54	PO114325.D	9.93	4.36
AR1248ICC750	AR1248ICC750	10/09/2025	18:12	PO114326.D	9.93	4.36
AR1248ICC500	AR1248ICC500	10/09/2025	18:30	PO114327.D	9.93	4.36
AR1248ICC250	AR1248ICC250	10/09/2025	18:49	PO114328.D	9.93	4.36
AR1248ICC050	AR1248ICC050	10/09/2025	19:07	PO114329.D	9.93	4.36
AR1254ICC1000	AR1254ICC1000	10/09/2025	19:26	PO114330.D	9.93	4.36
AR1254ICC750	AR1254ICC750	10/09/2025	19:44	PO114331.D	9.93	4.36
AR1254ICC500	AR1254ICC500	10/09/2025	20:02	PO114332.D	9.93	4.36
AR1254ICC250	AR1254ICC250	10/09/2025	20:21	PO114333.D	9.93	4.36
AR1254ICC050	AR1254ICC050	10/09/2025	20:39	PO114334.D	9.93	4.36
AR1262ICC500	AR1262ICC500	10/09/2025	20:57	PO114335.D	9.93	4.36
AR1268ICC1000	AR1268ICC1000	10/09/2025	21:16	PO114336.D	9.93	4.36
AR1268ICC750	AR1268ICC750	10/09/2025	21:34	PO114337.D	9.93	4.36
AR1268ICC500	AR1268ICC500	10/09/2025	21:52	PO114338.D	9.93	4.36
AR1268ICC250	AR1268ICC250	10/09/2025	22:11	PO114339.D	9.93	4.36
AR1268ICC050	AR1268ICC050	10/09/2025	22:29	PO114340.D	9.93	4.36
AR1660CCC500	AR1660CCC500	10/24/2025	09:03	PO114652.D	9.94	4.35
I.BLK	I.BLK	10/24/2025	10:24	PO114656.D	9.93	4.35
PR132-S16-119133-20251021	Q3419-04	10/24/2025	12:14	PO114662.D	9.93	4.35
PR132-S16-094119-20251021	Q3419-05	10/24/2025	12:32	PO114663.D	9.94	4.35
AR1660CCC500	AR1660CCC500	10/24/2025	14:35	PO114667.D	9.94	4.35
I.BLK	I.BLK	10/24/2025	15:49	PO114671.D	9.94	4.35
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	10.42	4.64
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	10.42	4.65
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	10.42	4.64
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	10.42	4.64
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64

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

Analytical Sequence

AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/24/2025	08:57	PP076012.D	10.41	4.64
I.BLK	I.BLK	10/24/2025	10:18	PP076016.D	10.41	4.64
PB170234BL	PB170234BL	10/24/2025	10:34	PP076017.D	10.41	4.64
PB170234BS	PB170234BS	10/24/2025	10:51	PP076018.D	10.42	4.64
AR1660CCC500	AR1660CCC500	10/24/2025	14:06	PP076027.D	10.42	4.64
I.BLK	I.BLK	10/24/2025	15:11	PP076031.D	10.41	4.64
I.BLK	I.BLK	10/10/2025	08:42	PQ070972.D	8.50	3.40
AR1660ICC1000	AR1660ICC1000	10/10/2025	08:57	PQ070973.D	8.50	3.40
AR1660ICC750	AR1660ICC750	10/10/2025	09:11	PQ070974.D	8.50	3.40
AR1660ICC500	AR1660ICC500	10/10/2025	09:26	PQ070975.D	8.50	3.40
AR1660ICC250	AR1660ICC250	10/10/2025	09:40	PQ070976.D	8.50	3.40
AR1660ICC050	AR1660ICC050	10/10/2025	09:55	PQ070977.D	8.50	3.40
AR1221ICC500	AR1221ICC500	10/10/2025	10:09	PQ070978.D	8.50	3.40
AR1232ICC500	AR1232ICC500	10/10/2025	10:24	PQ070979.D	8.50	3.40
AR1242ICC1000	AR1242ICC1000	10/10/2025	10:38	PQ070980.D	8.50	3.40
AR1242ICC750	AR1242ICC750	10/10/2025	10:53	PQ070981.D	8.50	3.40
AR1242ICC500	AR1242ICC500	10/10/2025	11:08	PQ070982.D	8.50	3.40
AR1242ICC250	AR1242ICC250	10/10/2025	11:22	PQ070983.D	8.50	3.40
AR1242ICC050	AR1242ICC050	10/10/2025	11:37	PQ070984.D	8.50	3.40
AR1248ICC1000	AR1248ICC1000	10/10/2025	11:51	PQ070985.D	8.50	3.40
AR1248ICC750	AR1248ICC750	10/10/2025	12:06	PQ070986.D	8.50	3.40
AR1248ICC500	AR1248ICC500	10/10/2025	12:20	PQ070987.D	8.50	3.40
AR1248ICC250	AR1248ICC250	10/10/2025	12:35	PQ070988.D	8.50	3.40
AR1248ICC050	AR1248ICC050	10/10/2025	12:50	PQ070989.D	8.50	3.40
AR1254ICC1000	AR1254ICC1000	10/10/2025	13:04	PQ070990.D	8.50	3.40
AR1254ICC750	AR1254ICC750	10/10/2025	13:19	PQ070991.D	8.50	3.40
AR1254ICC500	AR1254ICC500	10/10/2025	13:33	PQ070992.D	8.50	3.40
AR1254ICC250	AR1254ICC250	10/10/2025	13:48	PQ070993.D	8.50	3.40
AR1254ICC050	AR1254ICC050	10/10/2025	15:15	PQ070994.D	8.50	3.40
AR1262ICC500	AR1262ICC500	10/10/2025	15:30	PQ070995.D	8.50	3.40

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

Analytical Sequence

AR1268ICC1000	AR1268ICC1000	10/10/2025	15:44	PQ070996.D	8.50	3.40
AR1268ICC750	AR1268ICC750	10/10/2025	15:59	PQ070997.D	8.50	3.40
AR1268ICC500	AR1268ICC500	10/10/2025	16:13	PQ070998.D	8.50	3.40
AR1268ICC250	AR1268ICC250	10/10/2025	16:28	PQ070999.D	8.50	3.40
AR1268ICC050	AR1268ICC050	10/10/2025	16:43	PQ071000.D	8.50	3.40
AR1660CCC500	AR1660CCC500	10/27/2025	08:57	PQ071149.D	8.50	3.40
I.BLK	I.BLK	10/27/2025	09:11	PQ071150.D	8.50	3.40
PR-132-S16-015094-20251021	Q3419-01	10/27/2025	11:08	PQ071158.D	8.50	3.40
PR-132-S16-015094-20251021MS	Q3419-02MS	10/27/2025	11:23	PQ071159.D	8.50	3.40
PR-132-S16-015094-20251021MSD	Q3419-03MSD	10/27/2025	11:37	PQ071160.D	8.50	3.40
AR1660CCC500	AR1660CCC500	10/27/2025	12:35	PQ071161.D	8.50	3.40
I.BLK	I.BLK	10/27/2025	14:18	PQ071165.D	8.50	3.40

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

Analytical Sequence

Client: AECOM **SDG No.:** Q3419

Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069. **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/09/2025 10/09/2025

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	10/09/2025	13:55	PO114312.D	8.67	3.66
AR1660ICC1000	AR1660ICC1000	10/09/2025	14:14	PO114313.D	8.67	3.66
AR1660ICC750	AR1660ICC750	10/09/2025	14:32	PO114314.D	8.67	3.66
AR1660ICC500	AR1660ICC500	10/09/2025	14:50	PO114315.D	8.67	3.66
AR1660ICC250	AR1660ICC250	10/09/2025	15:09	PO114316.D	8.67	3.66
AR1660ICC050	AR1660ICC050	10/09/2025	15:27	PO114317.D	8.67	3.66
AR1221ICC500	AR1221ICC500	10/09/2025	15:45	PO114318.D	8.67	3.66
AR1232ICC500	AR1232ICC500	10/09/2025	16:04	PO114319.D	8.67	3.66
AR1242ICC1000	AR1242ICC1000	10/09/2025	16:22	PO114320.D	8.67	3.66
AR1242ICC750	AR1242ICC750	10/09/2025	16:40	PO114321.D	8.67	3.66
AR1242ICC500	AR1242ICC500	10/09/2025	16:59	PO114322.D	8.67	3.66
AR1242ICC250	AR1242ICC250	10/09/2025	17:17	PO114323.D	8.67	3.66
AR1242ICC050	AR1242ICC050	10/09/2025	17:35	PO114324.D	8.67	3.66
AR1248ICC1000	AR1248ICC1000	10/09/2025	17:54	PO114325.D	8.67	3.66
AR1248ICC750	AR1248ICC750	10/09/2025	18:12	PO114326.D	8.67	3.66
AR1248ICC500	AR1248ICC500	10/09/2025	18:30	PO114327.D	8.67	3.66
AR1248ICC250	AR1248ICC250	10/09/2025	18:49	PO114328.D	8.67	3.66
AR1248ICC050	AR1248ICC050	10/09/2025	19:07	PO114329.D	8.67	3.66
AR1254ICC1000	AR1254ICC1000	10/09/2025	19:26	PO114330.D	8.67	3.66
AR1254ICC750	AR1254ICC750	10/09/2025	19:44	PO114331.D	8.67	3.66
AR1254ICC500	AR1254ICC500	10/09/2025	20:02	PO114332.D	8.67	3.66
AR1254ICC250	AR1254ICC250	10/09/2025	20:21	PO114333.D	8.67	3.66
AR1254ICC050	AR1254ICC050	10/09/2025	20:39	PO114334.D	8.67	3.66
AR1262ICC500	AR1262ICC500	10/09/2025	20:57	PO114335.D	8.67	3.66
AR1268ICC1000	AR1268ICC1000	10/09/2025	21:16	PO114336.D	8.67	3.66
AR1268ICC750	AR1268ICC750	10/09/2025	21:34	PO114337.D	8.67	3.66
AR1268ICC500	AR1268ICC500	10/09/2025	21:52	PO114338.D	8.67	3.66
AR1268ICC250	AR1268ICC250	10/09/2025	22:11	PO114339.D	8.67	3.66
AR1268ICC050	AR1268ICC050	10/09/2025	22:29	PO114340.D	8.67	3.66
AR1660CCC500	AR1660CCC500	10/24/2025	09:03	PO114652.D	8.65	3.66
I.BLK	I.BLK	10/24/2025	10:24	PO114656.D	8.65	3.66
PR132-S16-119133-20251021	Q3419-04	10/24/2025	12:14	PO114662.D	8.65	3.66
PR132-S16-094119-20251021	Q3419-05	10/24/2025	12:32	PO114663.D	8.65	3.65
AR1660CCC500	AR1660CCC500	10/24/2025	14:35	PO114667.D	8.65	3.66
I.BLK	I.BLK	10/24/2025	15:49	PO114671.D	8.65	3.66
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	8.78	3.78
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	8.78	3.78
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	8.78	3.78
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78

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

Analytical Sequence

AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/24/2025	08:57	PP076012.D	8.78	3.78
I.BLK	I.BLK	10/24/2025	10:18	PP076016.D	8.78	3.78
PB170234BL	PB170234BL	10/24/2025	10:34	PP076017.D	8.78	3.78
PB170234BS	PB170234BS	10/24/2025	10:51	PP076018.D	8.78	3.78
AR1660CCC500	AR1660CCC500	10/24/2025	14:06	PP076027.D	8.78	3.78
I.BLK	I.BLK	10/24/2025	15:11	PP076031.D	8.78	3.78
I.BLK	I.BLK	10/10/2025	08:42	PQ070972.D	7.53	2.78
AR1660ICC1000	AR1660ICC1000	10/10/2025	08:57	PQ070973.D	7.53	2.78
AR1660ICC750	AR1660ICC750	10/10/2025	09:11	PQ070974.D	7.53	2.78
AR1660ICC500	AR1660ICC500	10/10/2025	09:26	PQ070975.D	7.53	2.78
AR1660ICC250	AR1660ICC250	10/10/2025	09:40	PQ070976.D	7.53	2.78
AR1660ICC050	AR1660ICC050	10/10/2025	09:55	PQ070977.D	7.53	2.78
AR1221ICC500	AR1221ICC500	10/10/2025	10:09	PQ070978.D	7.53	2.78
AR1232ICC500	AR1232ICC500	10/10/2025	10:24	PQ070979.D	7.53	2.78
AR1242ICC1000	AR1242ICC1000	10/10/2025	10:38	PQ070980.D	7.53	2.78
AR1242ICC750	AR1242ICC750	10/10/2025	10:53	PQ070981.D	7.53	2.78
AR1242ICC500	AR1242ICC500	10/10/2025	11:08	PQ070982.D	7.53	2.78
AR1242ICC250	AR1242ICC250	10/10/2025	11:22	PQ070983.D	7.53	2.78
AR1242ICC050	AR1242ICC050	10/10/2025	11:37	PQ070984.D	7.53	2.78
AR1248ICC1000	AR1248ICC1000	10/10/2025	11:51	PQ070985.D	7.53	2.78
AR1248ICC750	AR1248ICC750	10/10/2025	12:06	PQ070986.D	7.53	2.78
AR1248ICC500	AR1248ICC500	10/10/2025	12:20	PQ070987.D	7.53	2.78
AR1248ICC250	AR1248ICC250	10/10/2025	12:35	PQ070988.D	7.53	2.78
AR1248ICC050	AR1248ICC050	10/10/2025	12:50	PQ070989.D	7.53	2.78
AR1254ICC1000	AR1254ICC1000	10/10/2025	13:04	PQ070990.D	7.53	2.78
AR1254ICC750	AR1254ICC750	10/10/2025	13:19	PQ070991.D	7.53	2.78
AR1254ICC500	AR1254ICC500	10/10/2025	13:33	PQ070992.D	7.53	2.78
AR1254ICC250	AR1254ICC250	10/10/2025	13:48	PQ070993.D	7.53	2.78
AR1254ICC050	AR1254ICC050	10/10/2025	15:15	PQ070994.D	7.53	2.78
AR1262ICC500	AR1262ICC500	10/10/2025	15:30	PQ070995.D	7.53	2.78

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

Analytical Sequence

AR1268ICC1000	AR1268ICC1000	10/10/2025	15:44	PQ070996.D	7.53	2.78
AR1268ICC750	AR1268ICC750	10/10/2025	15:59	PQ070997.D	7.53	2.78
AR1268ICC500	AR1268ICC500	10/10/2025	16:13	PQ070998.D	7.53	2.78
AR1268ICC250	AR1268ICC250	10/10/2025	16:28	PQ070999.D	7.53	2.78
AR1268ICC050	AR1268ICC050	10/10/2025	16:43	PQ071000.D	7.53	2.78
AR1660CCC500	AR1660CCC500	10/27/2025	08:57	PQ071149.D	7.53	2.78
I.BLK	I.BLK	10/27/2025	09:11	PQ071150.D	7.53	2.78
PR-132-S16-015094-20251021	Q3419-01	10/27/2025	11:08	PQ071158.D	7.53	2.78
PR-132-S16-015094-20251021MS	Q3419-02MS	10/27/2025	11:23	PQ071159.D	7.53	2.78
PR-132-S16-015094-20251021MSD	Q3419-03MSD	10/27/2025	11:37	PQ071160.D	7.53	2.78
AR1660CCC500	AR1660CCC500	10/27/2025	12:35	PQ071161.D	7.53	2.78
I.BLK	I.BLK	10/27/2025	14:18	PQ071165.D	7.53	2.78

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PR132-S16-094119-2025

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3419

Lab Sample ID: Q3419-05 Date(s) Analyzed: 10/24/2025 10/24/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO114663.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1242	1	5.49	5.44	5.54	102		
	2	5.511	5.461	5.561	105		
	3	5.573	5.523	5.623	75.8		
COLUMN 1	4	5.669	5.619	5.719	98.8		
	5	6.397	6.347	6.447	112	98.8	
	1	4.734	4.684	4.784	75.0		
	2	4.753	4.703	4.803	64.0		
	3	4.928	4.878	4.978	104		
	4	5.014	4.964	5.064	139		
COLUMN 2	5	5.535	5.485	5.585	153	107	7.97
Aroclor-1254	1	6.331	6.281	6.381	64.1		
	2	6.549	6.499	6.599	76.0		
	3	6.909	6.859	6.959	64.7		
COLUMN 1	4	7.191	7.141	7.241	28.2		
	5	7.605	7.555	7.655	34.1	53.4	
	1	5.535	5.485	5.585	72.0		
	2	5.68	5.63	5.73	48.5		
	3	6.082	6.032	6.132	46.2		
	4	6.308	6.258	6.358	31.0		
COLUMN 2	5	6.727	6.677	6.777	23.4	44.2	18.85

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170234BS

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3419

Lab Sample ID: PB170234BS Date(s) Analyzed: 10/24/2025 10/24/2025

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

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

Data file PP076018.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.795	5.745	5.845	144		
	2	5.817	5.767	5.867	143		
	3	5.88	5.83	5.93	142		
COLUMN 1	4	5.977	5.927	6.027	142		
	5	6.27	6.22	6.32	136	141	
	1	4.878	4.828	4.928	138		
	2	4.935	4.885	4.985	142		
	3	5.054	5.004	5.104	128		
	4	5.097	5.047	5.147	134		
COLUMN 2	5	5.31	5.26	5.36	129	134	5.09
Aroclor-1260	1	7.387	7.337	7.437	159		
	2	7.64	7.59	7.69	149		
	3	7.998	7.948	8.048	131		
COLUMN 1	4	8.225	8.175	8.275	173		
	5	8.551	8.501	8.601	133	149	
	1	6.337	6.287	6.387	152		
	2	6.524	6.474	6.574	152		
	3	6.676	6.626	6.726	156		
	4	7.146	7.096	7.196	140		
COLUMN 2	5	7.386	7.336	7.436	132	146	2.03

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PR-132-S16-015094-202

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3419

Lab Sample ID: Q3419-01 Date(s) Analyzed: 10/27/2025 10/27/2025

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 PQ071158.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1242	1	4.479	4.429	4.529	22.7		
	2	4.497	4.447	4.547	27.4		
	3	4.554	4.504	4.604	17.2		
COLUMN 1	4	4.643	4.593	4.693	27.4		
	5	5.351	5.301	5.401	38.8	26.7	
	1	3.774	3.724	3.824	19.8		
	2	3.79	3.74	3.84	20.9		
	3	3.95	3.9	4	18.3		
	4	4.036	3.986	4.086	30.8		
COLUMN 2	5	4.531	4.481	4.581	40.2	26.0	2.66

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PR-132-S16-015094-202

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG NO.: Q3419
Lab Sample ID: Q3419-02MS
Date(s) Analyzed: 10/27/2025 10/27/2025
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 PQ071159.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.479	4.429	4.529	323		
	2	4.498	4.448	4.548	323		
	3	4.556	4.506	4.606	319		
COLUMN 1	4	4.646	4.596	4.696	339		
	5	4.93	4.88	4.98	319	325	
	1	3.776	3.726	3.826	267		
	2	3.791	3.741	3.841	266		
	3	3.951	3.901	4.001	277		
	4	4	3.95	4.05	272		
COLUMN 2	5	4.195	4.145	4.245	264	269	18.86
Aroclor-1242	1	4.479	4.429	4.529	446		
	2	4.498	4.448	4.548	434		
	3	4.556	4.506	4.606	426		
COLUMN 1	4	4.646	4.596	4.696	443		
	5	5.352	5.302	5.402	116	373	
	1	3.776	3.726	3.826	368		
	2	3.791	3.741	3.841	374		
	3	3.951	3.901	4.001	382		
	4	4.037	3.987	4.087	411		
COLUMN 2	5	4.531	4.481	4.581	239	355	4.95

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

IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.019	5.969	6.069	298		
	2	6.275	6.225	6.325	303		
	3	6.626	6.576	6.676	259		
COLUMN 1	4	6.84	6.79	6.89	276		
	5	7.145	7.095	7.195	274	282	
	1	5.187	5.137	5.237	255		
	2	5.376	5.326	5.426	247		
	3	5.517	5.467	5.567	249		
	4	5.977	5.927	6.027	215		
COLUMN 2	5	6.222	6.172	6.272	208	235	18.18

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PR-132-S16-015094-202

Lab Name: Alliance
Contract: AECO02
Lab Code: ACE
SDG NO.: Q3419
Lab Sample ID: Q3419-03MSD
Date(s) Analyzed: 10/27/2025 10/27/2025
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 PQ071160.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.479	4.429	4.529	321		
	2	4.498	4.448	4.548	326		
	3	4.555	4.505	4.605	318		
COLUMN 1	4	4.645	4.595	4.695	337		
	5	4.93	4.88	4.98	318	324	
	1	3.775	3.725	3.825	270		
	2	3.791	3.741	3.841	264		
	3	3.951	3.901	4.001	280		
	4	4	3.95	4.05	275		
COLUMN 2	5	4.195	4.145	4.245	265	271	17.82
Aroclor-1242	1	4.479	4.429	4.529	443		
	2	4.498	4.448	4.548	439		
	3	4.555	4.505	4.605	426		
COLUMN 1	4	4.645	4.595	4.695	439		
	5	5.352	5.302	5.402	116	373	
	1	3.775	3.725	3.825	371		
	2	3.791	3.741	3.841	372		
	3	3.951	3.901	4.001	386		
	4	4.037	3.987	4.087	413		
COLUMN 2	5	4.53	4.48	4.58	239	356	4.66

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

IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.019	5.969	6.069	297		
	2	6.275	6.225	6.325	302		
	3	6.626	6.576	6.676	259		
COLUMN 1	4	6.839	6.789	6.889	276		
	5	7.145	7.095	7.195	273	281	
	1	5.188	5.138	5.238	253		
	2	5.376	5.326	5.426	246		
	3	5.517	5.467	5.567	249		
	4	5.977	5.927	6.027	214		
COLUMN 2	5	6.221	6.171	6.271	207	234	18.25

QC SAMPLE DATA

Raw Data: **PP076017.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170234BL	SDG No.:	Q3419
Lab Sample ID:	PB170234BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/23/25		

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	10/24/25 10:34	PB170234
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	10/24/25 10:34	PB170234
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	10/24/25 10:34	PB170234
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	10/24/25 10:34	PB170234
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	10/24/25 10:34	PB170234
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	10/24/25 10:34	PB170234
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	10/24/25 10:34	PB170234
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	10/24/25 10:34	PB170234
11096-82-5	Aroclor-1260	17.0	U	1	3.20	17.0	ug/kg	10/24/25 10:34	PB170234
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.0			32 - 144	130%	SPK: 20		
2051-24-3	Decachlorobiphenyl	28.3			32 - 175	142%	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_P\Data\PP102425\
Data File : PP076017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 10:34
Operator : YP\AJ
Sample : PB170234BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170234BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 11:52:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.640	3.778	37137039	127.1E6	25.986	19.201 #
2)	SA Decachlor...	10.412	8.775	30473041	200.0E6	28.307	24.323
	Target Compounds						

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

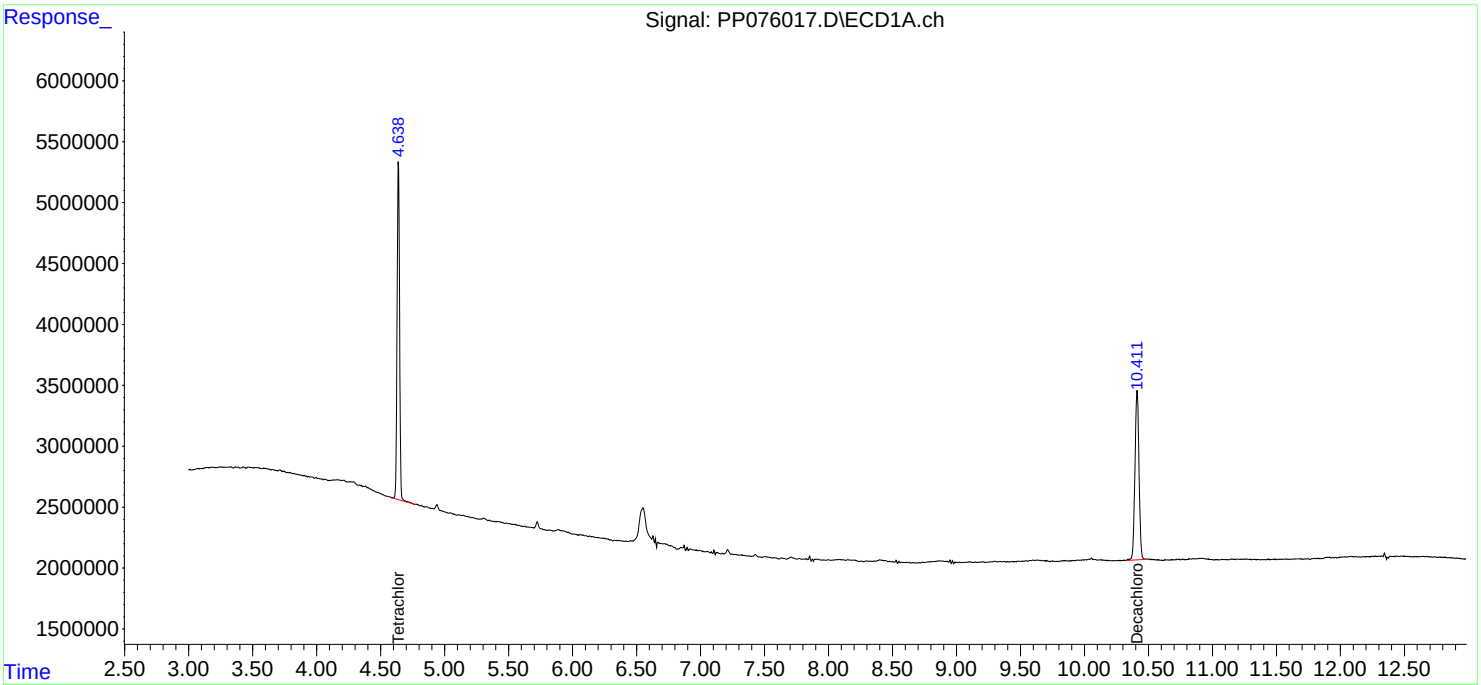
Sample Results: **PP076017.D**

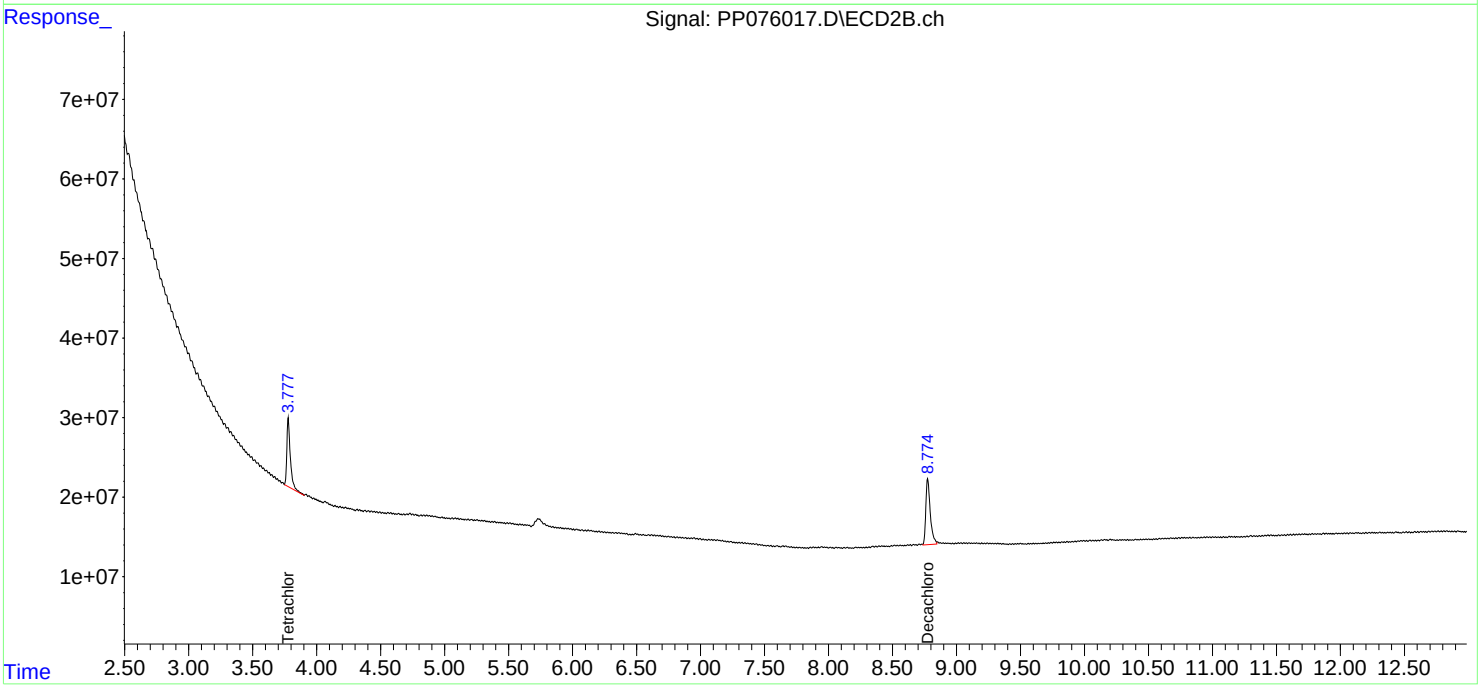
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102425\
Data File : PP076017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 10:34
Operator : YP\AJ
Sample : PB170234BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

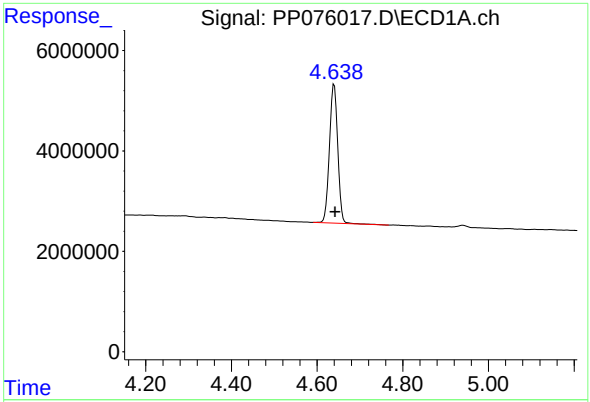
Instrument :
ECD_P
ClientSampleId :
PB170234BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 11:52:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



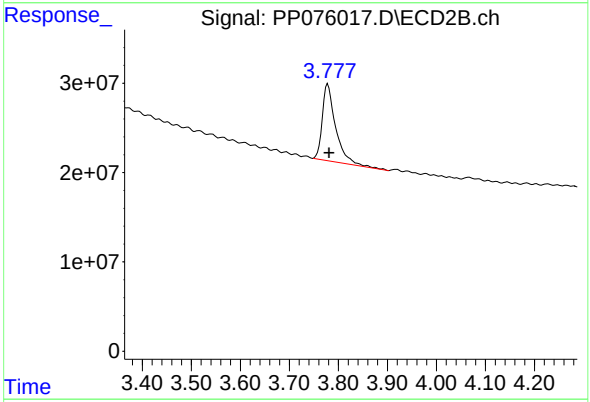




#1 Tetrachloro-m-xylene

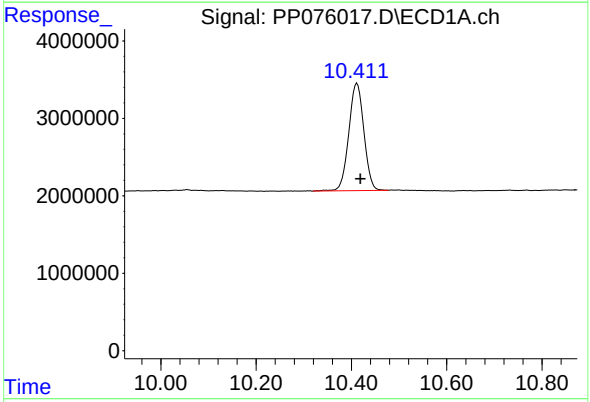
R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 37137039
Conc: 25.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170234BL



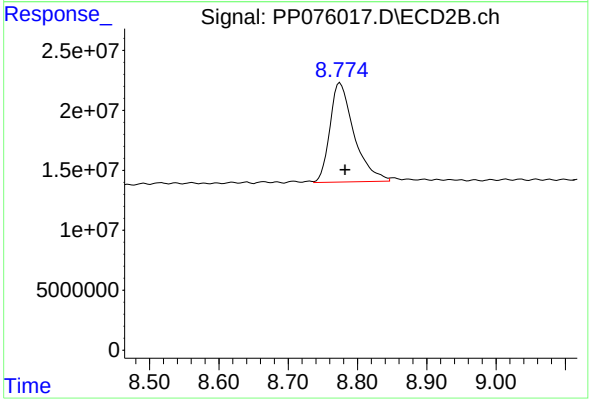
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 127078919
Conc: 19.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.007 min
Response: 30473041
Conc: 28.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.007 min
Response: 200009232
Conc: 24.32 ng/ml

Raw Data: **PO114312.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/09/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/09/25
Client Sample ID:	PIBLK-PO114312.D	SDG No.:	Q3419
Lab Sample ID:	I.BLK-PO114312.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	10/09/25	po100925
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/09/25	po100925
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/09/25	po100925
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/09/25	po100925
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/09/25	po100925
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/09/25	po100925
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/09/25	po100925
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/09/25	po100925
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/09/25	po100925
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.6			60 - 140	93%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.0			60 - 140	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\PO100925\
Data File : PO114312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 13:55
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: Oct 10 05:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 05:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.356	3.660	101.2E6	75475125	18.647	18.858
2)	SA Decachlor...	9.931	8.673	70041472	63226876	19.236	18.969
	Target Compounds						

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

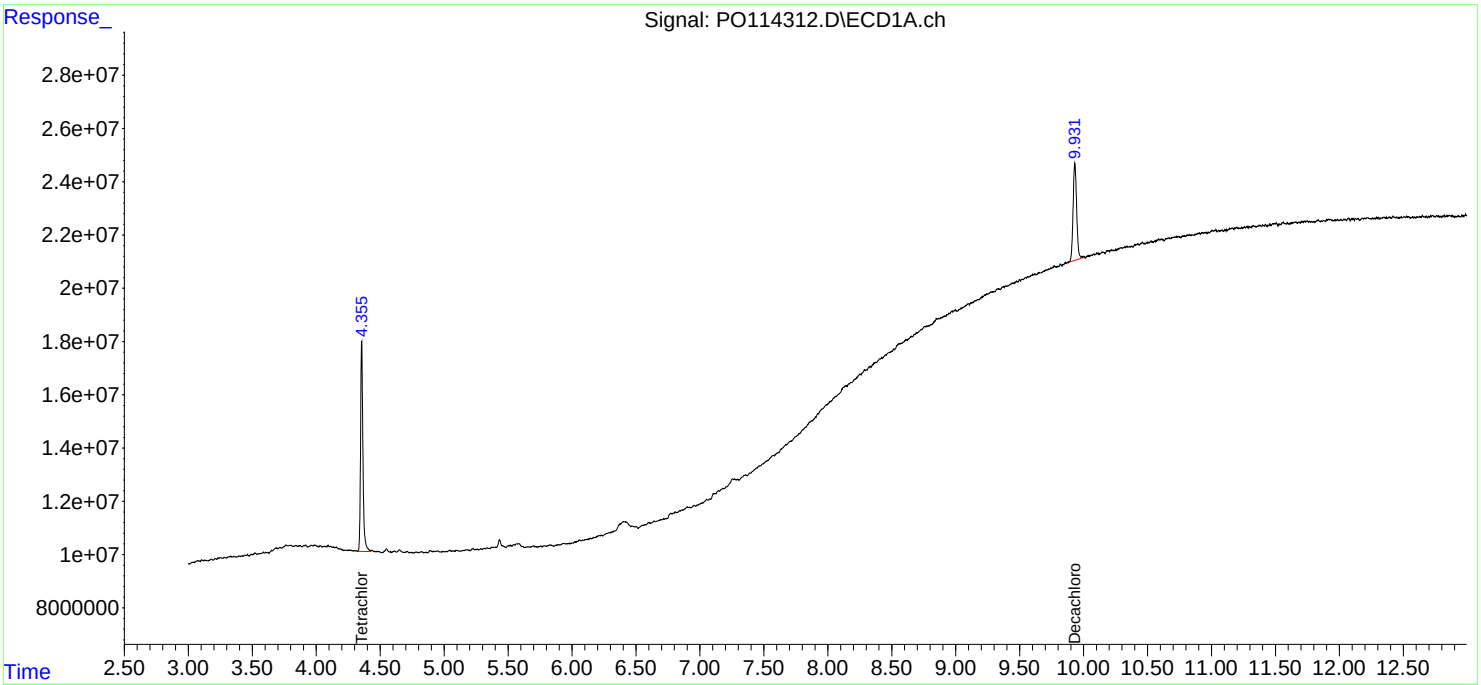
Sample Results: **PO114312.D**

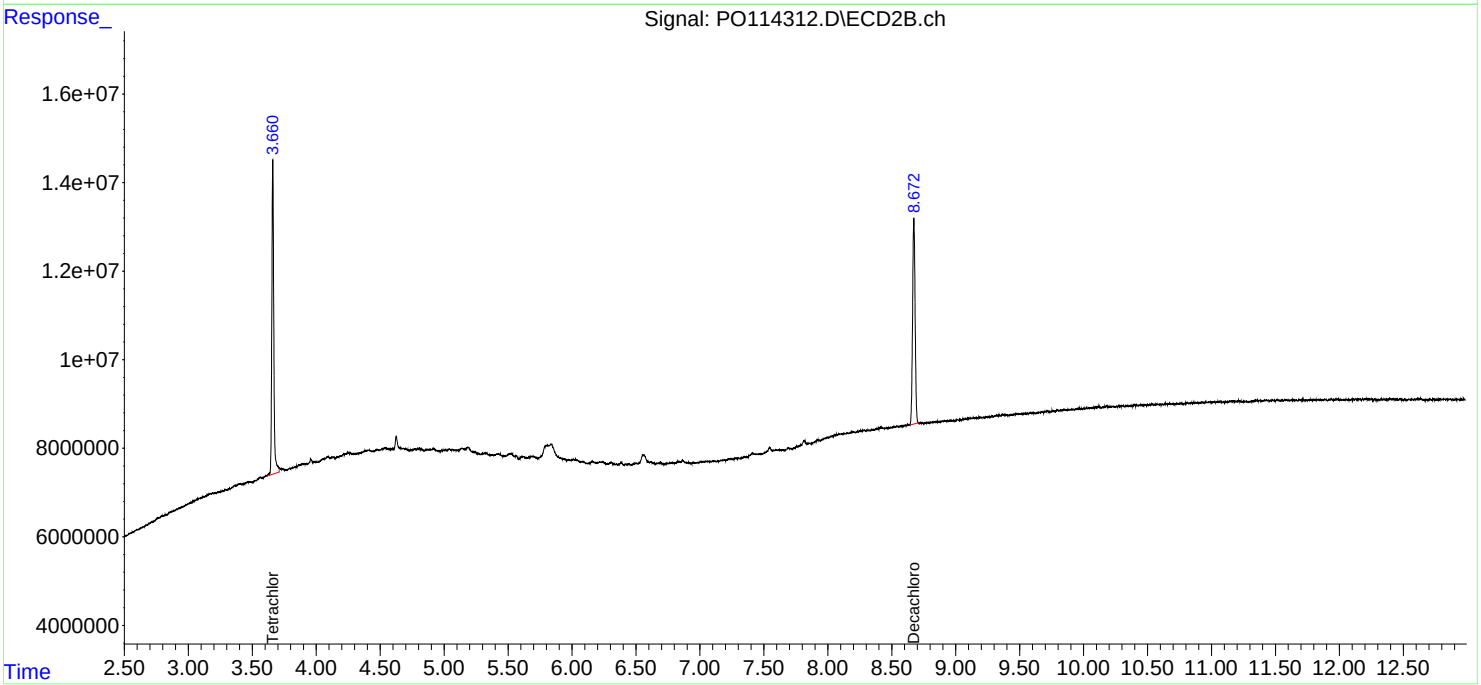
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 13:55
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

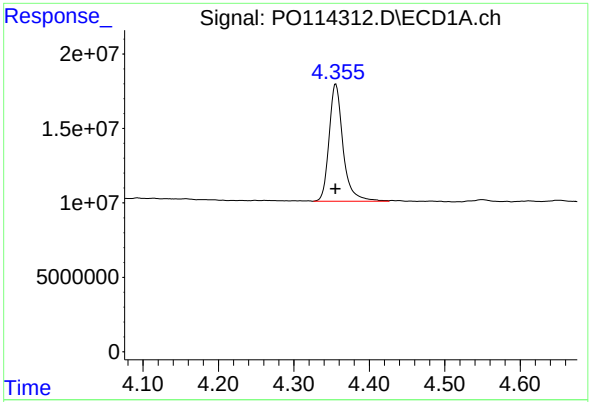
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 05:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 05:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



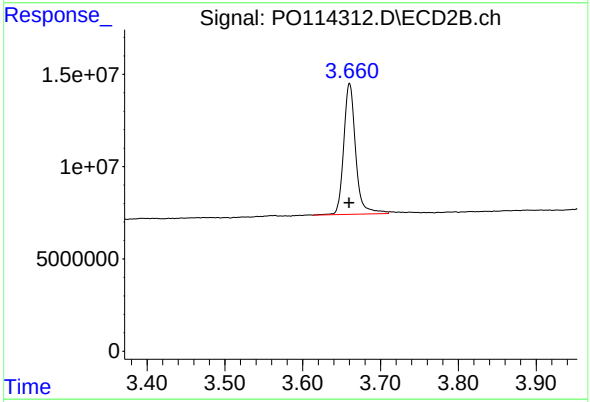




#1 Tetrachloro-m-xylene

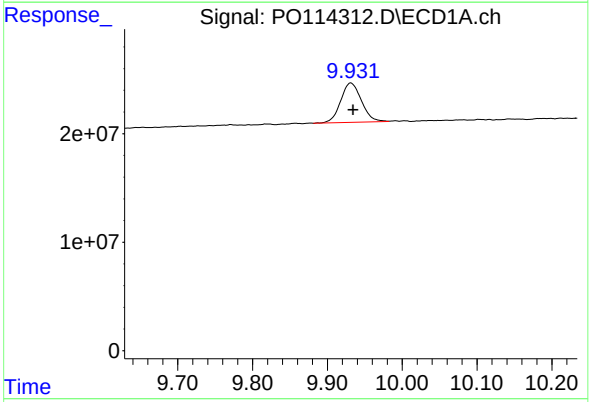
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 101234471
Conc: 18.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



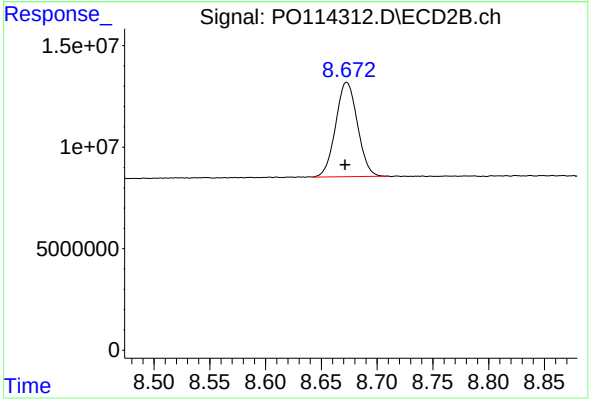
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 75475125
Conc: 18.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.003 min
Response: 70041472
Conc: 19.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.673 min
Delta R.T.: 0.001 min
Response: 63226876
Conc: 18.97 ng/ml

Raw Data: **PO114656.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/24/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/24/25
Client Sample ID:	PIBLK-PO114656.D	SDG No.:	Q3419
Lab Sample ID:	I.BLK-PO114656.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	10/24/25	PO102425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/24/25	PO102425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/24/25	PO102425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/24/25	PO102425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/24/25	PO102425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/24/25	PO102425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/24/25	PO102425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/24/25	PO102425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/24/25	PO102425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.8			60 - 140	99%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.1			60 - 140	106%	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\PO102425\
Data File : PO114656.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 10:24
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: Oct 24 13:18:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.352	3.655	116.6E6	79193717	21.477	19.787
2)	SA Decachlor...	9.934	8.651	76887681	70642218	21.117	21.194
	Target Compounds						

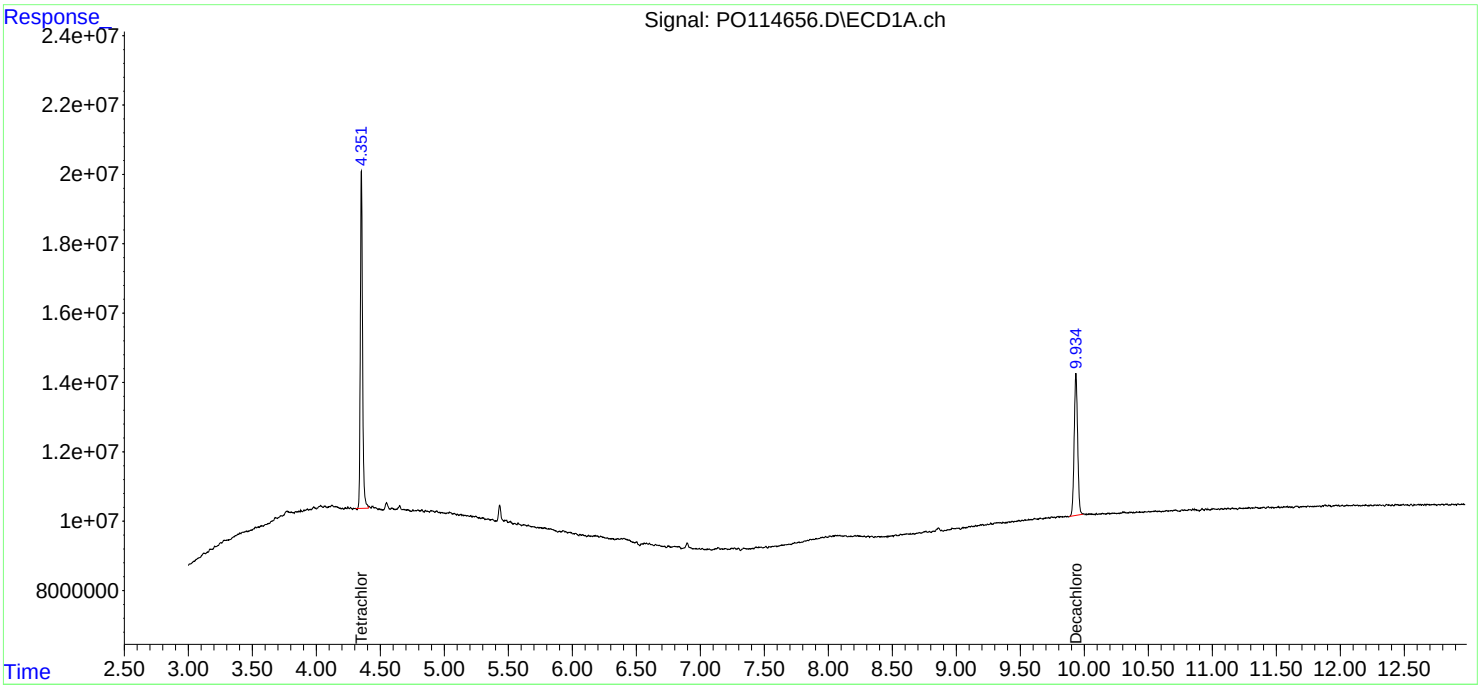
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

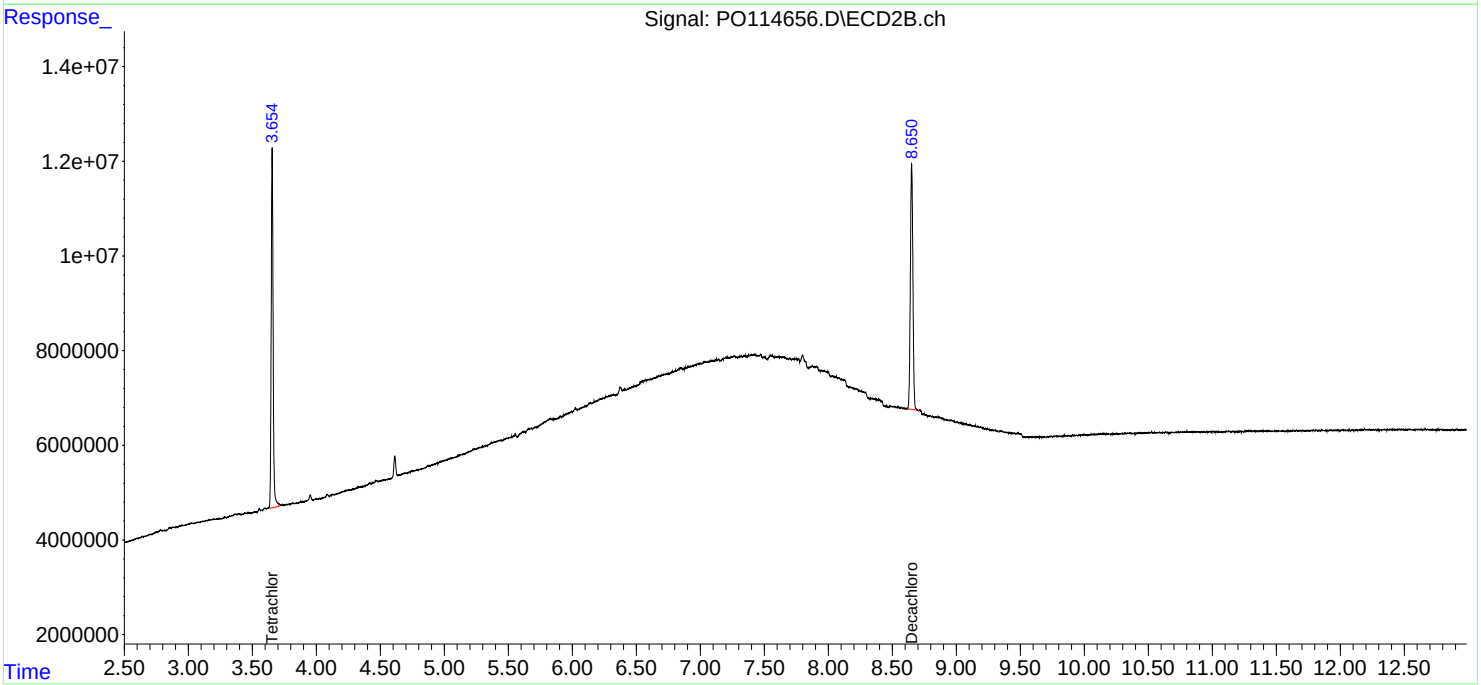
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102425\
Data File : PO114656.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 10:24
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

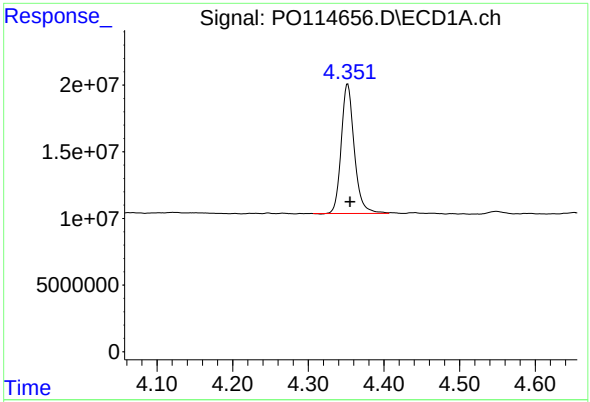
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 13:18:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



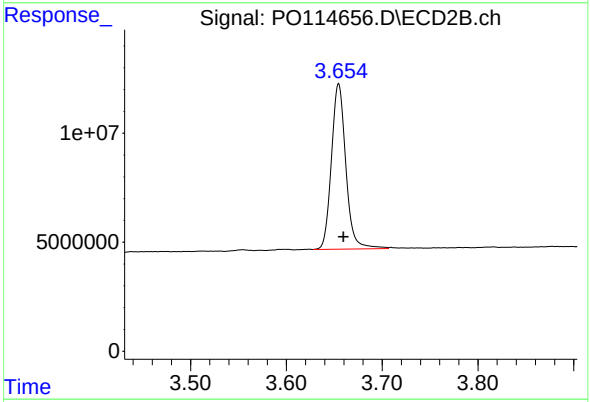




#1 Tetrachloro-m-xylene

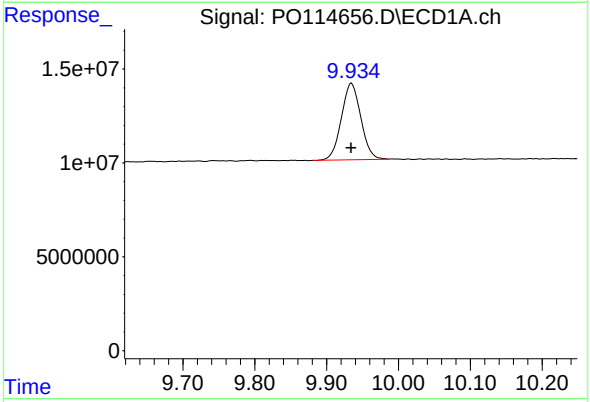
R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 116597745
Conc: 21.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



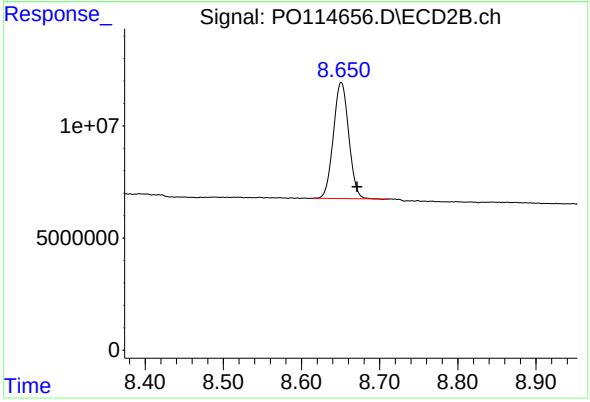
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: -0.005 min
Response: 79193717
Conc: 19.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 76887681
Conc: 21.12 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.651 min
Delta R.T.: -0.020 min
Response: 70642218
Conc: 21.19 ng/ml

Raw Data: **PO114671.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/24/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/24/25
Client Sample ID:	PIBLK-PO114671.D	SDG No.:	Q3419
Lab Sample ID:	I.BLK-PO114671.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	10/24/25	po102425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/24/25	po102425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/24/25	po102425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/24/25	po102425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/24/25	po102425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/24/25	po102425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/24/25	po102425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/24/25	po102425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/24/25	po102425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.4			60 - 140	97%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.5			60 - 140	103%	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\PO102425\
Data File : PO114671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 15:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 07:56:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.352	3.655	116.1E6	77845095	21.393	19.450
2)	SA Decachlor...	9.937	8.650	75198530	68363050	20.653	20.510
	Target Compounds						

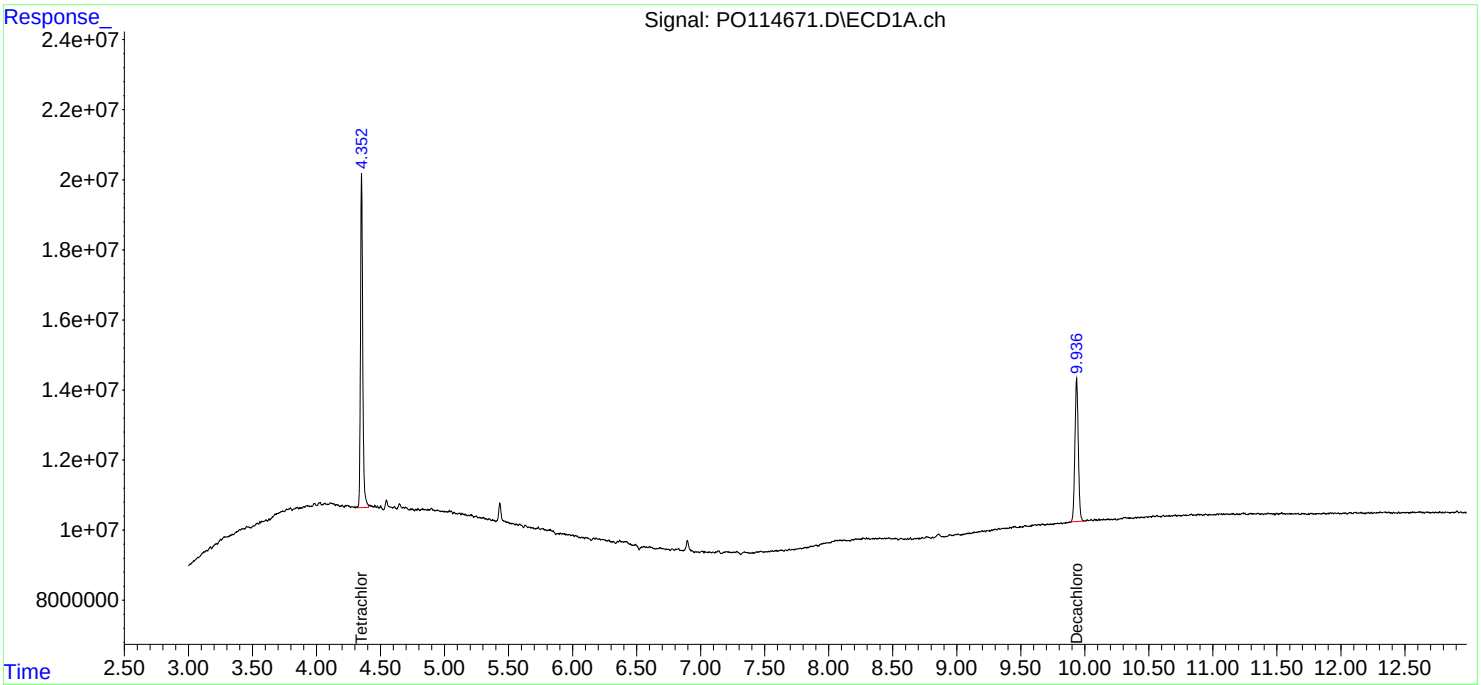
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

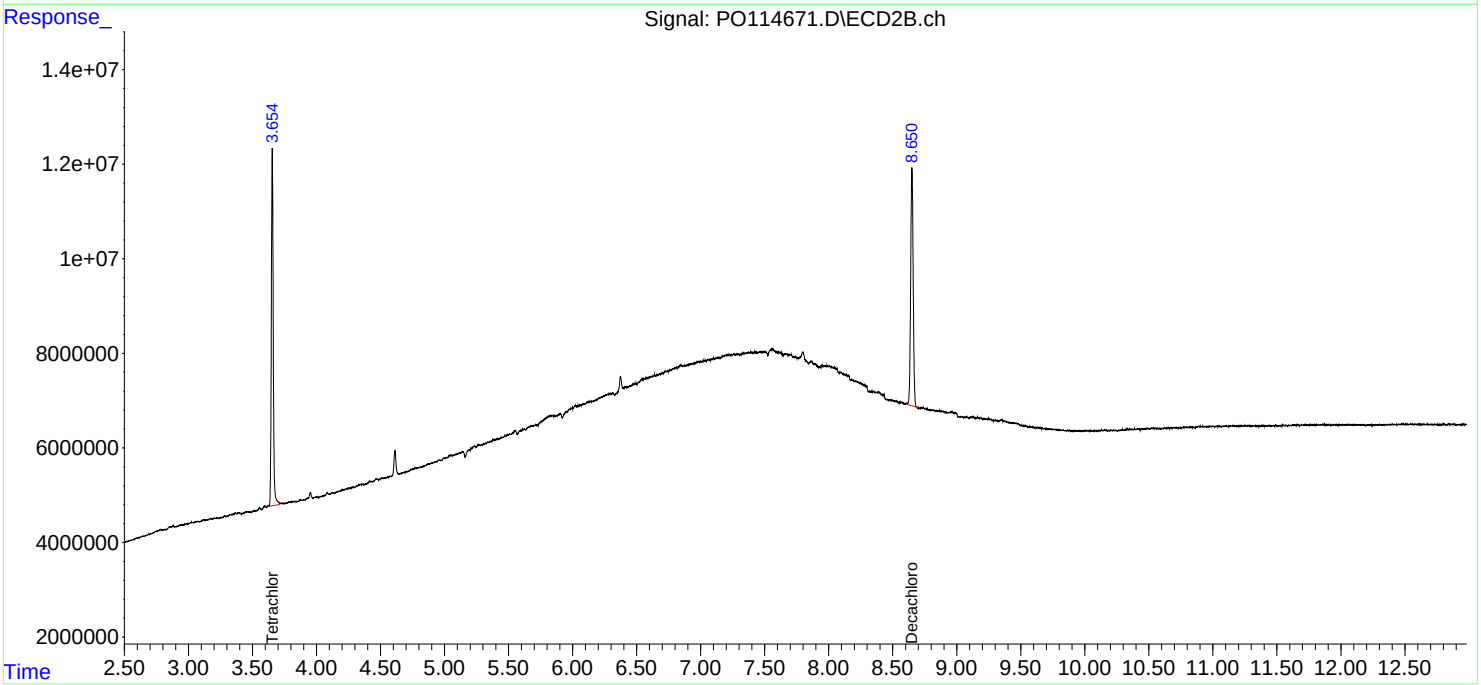
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102425\
Data File : PO114671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 15:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

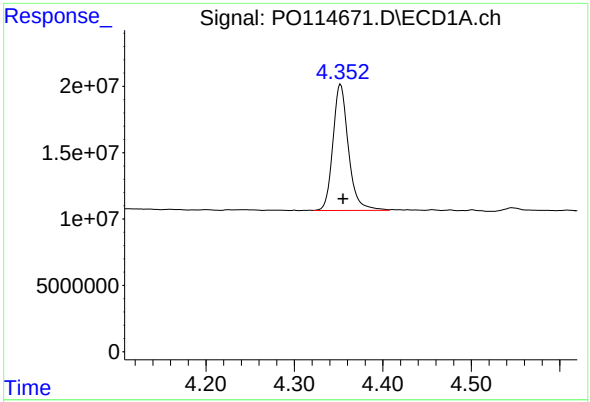
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 07:56:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



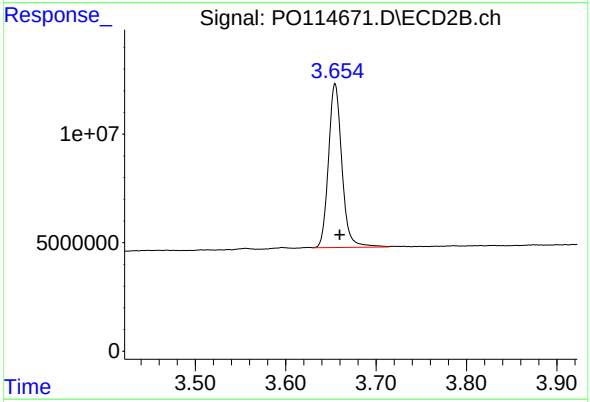




#1 Tetrachloro-m-xylene

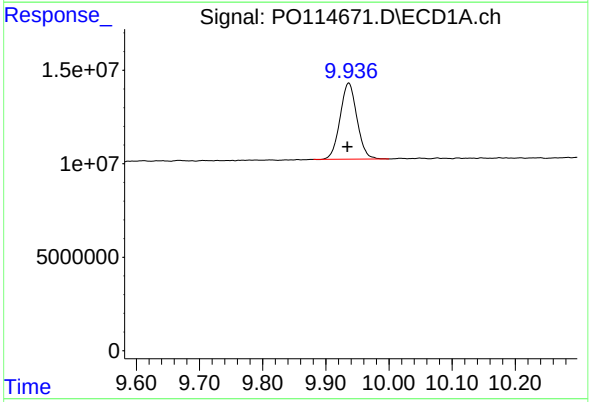
R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 116144277
Conc: 21.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



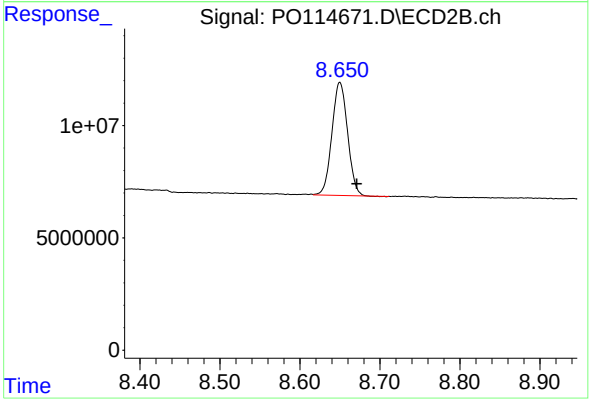
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: -0.005 min
Response: 77845095
Conc: 19.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.937 min
Delta R.T.: 0.002 min
Response: 75198530
Conc: 20.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: -0.021 min
Response: 68363050
Conc: 20.51 ng/ml

Raw Data: **PP075887.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PIBLK-PP075887.D	SDG No.:	Q3419
Lab Sample ID:	I.BLK-PP075887.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	10/21/25	PP102125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/21/25	PP102125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/21/25	PP102125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/21/25	PP102125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/21/25	PP102125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/21/25	PP102125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/21/25	PP102125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/21/25	PP102125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/21/25	PP102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.8			60 - 140	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			60 - 140	96%	SPK: 20		

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

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

Sample Results: **PP075887.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 08:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.644	3.783	28503905	124.7E6	19.945	18.843
2)	SA Decachlor...	10.419	8.784	21974278	158.6E6	20.412m	19.281
	Target Compounds						

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

Sample Results: **PP075887.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 08:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

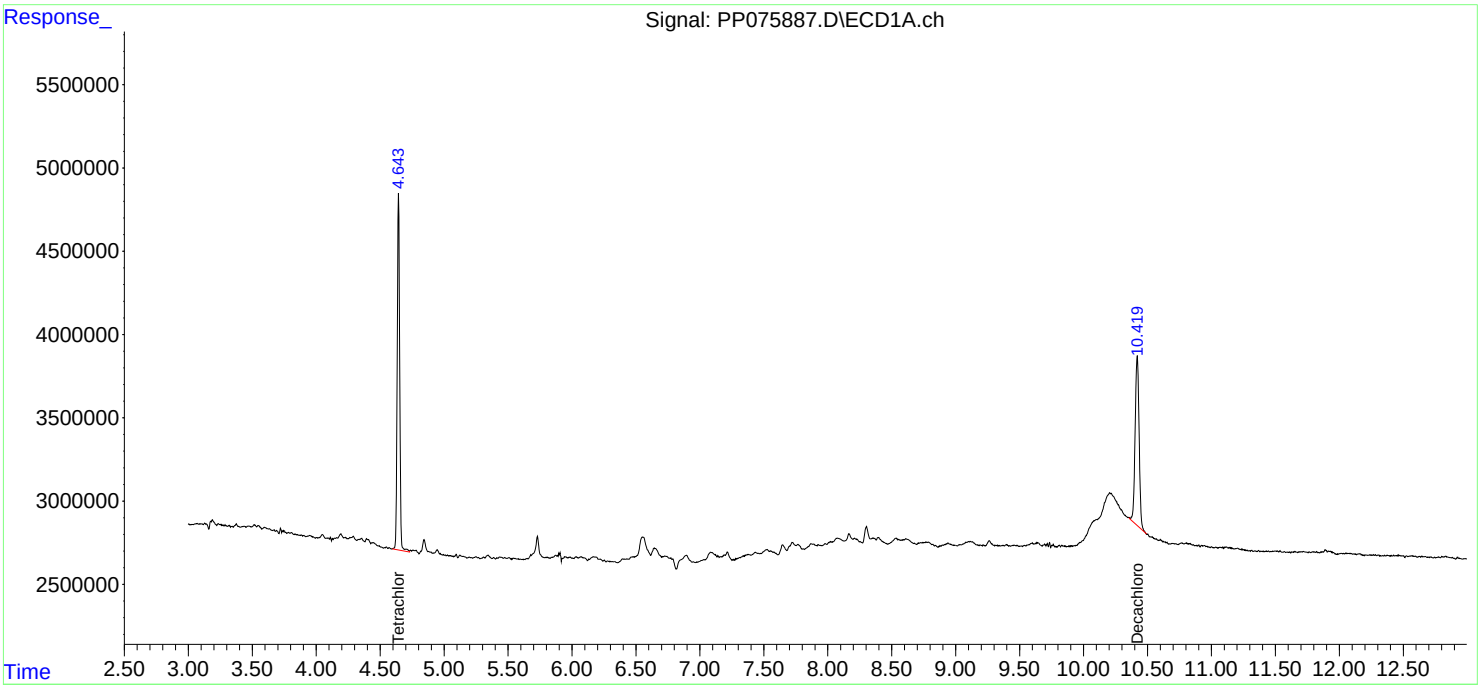
Instrument :
ECD_P
ClientSampleId :
I.BLK

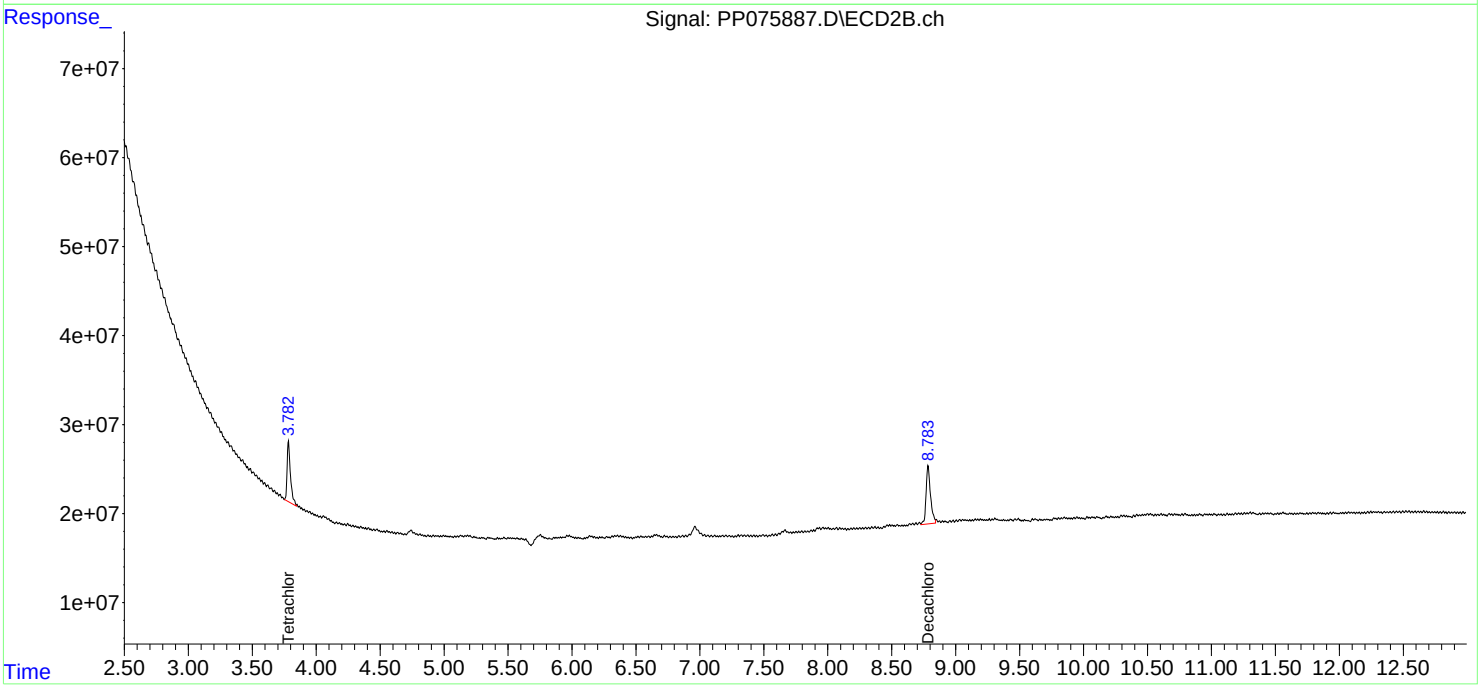
Manual Integrations APPROVED

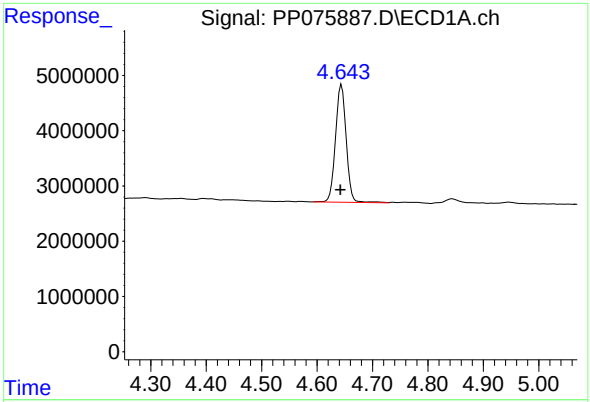
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







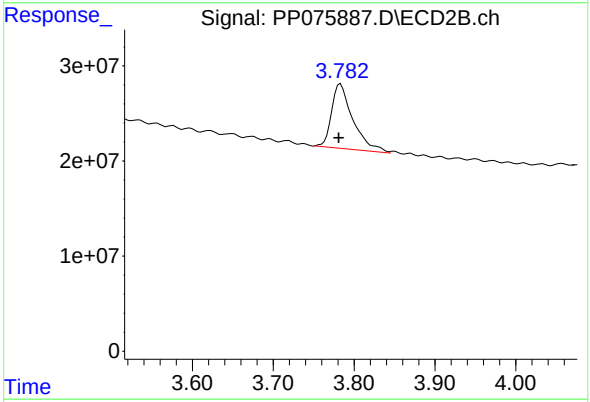
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.002 min
Response: 28503905
Conc: 19.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

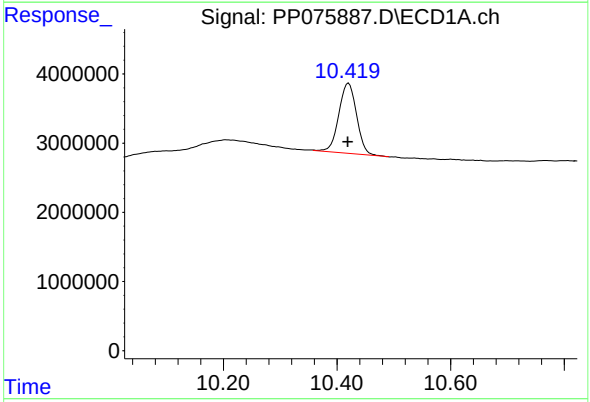
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025



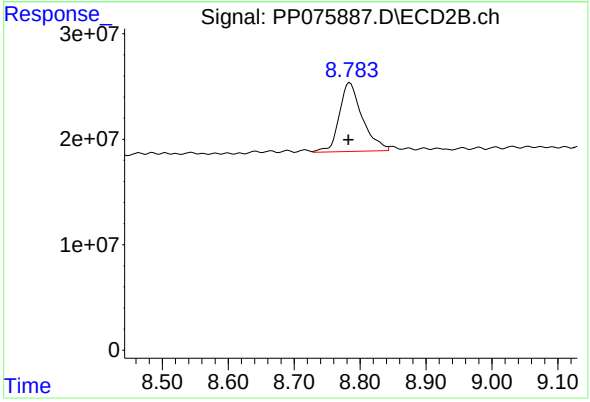
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 124709992
Conc: 18.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 21974278
Conc: 20.41 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 158550080
Conc: 19.28 ng/ml

Raw Data: **PP076016.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/24/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/24/25
Client Sample ID:	PIBLK-PP076016.D	SDG No.:	Q3419
Lab Sample ID:	I.BLK-PP076016.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	10/24/25	PP102425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/24/25	PP102425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/24/25	PP102425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/24/25	PP102425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/24/25	PP102425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/24/25	PP102425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/24/25	PP102425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/24/25	PP102425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/24/25	PP102425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.0			60 - 140	125%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.2			60 - 140	126%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102425\
Data File : PP076016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 10:18
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 11:52:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.643	3.781	37518892	165.7E6	26.254	25.031
2)	SA Decachlor...	10.414	8.779	30882842	207.0E6	28.687	25.174
	Target Compounds						

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

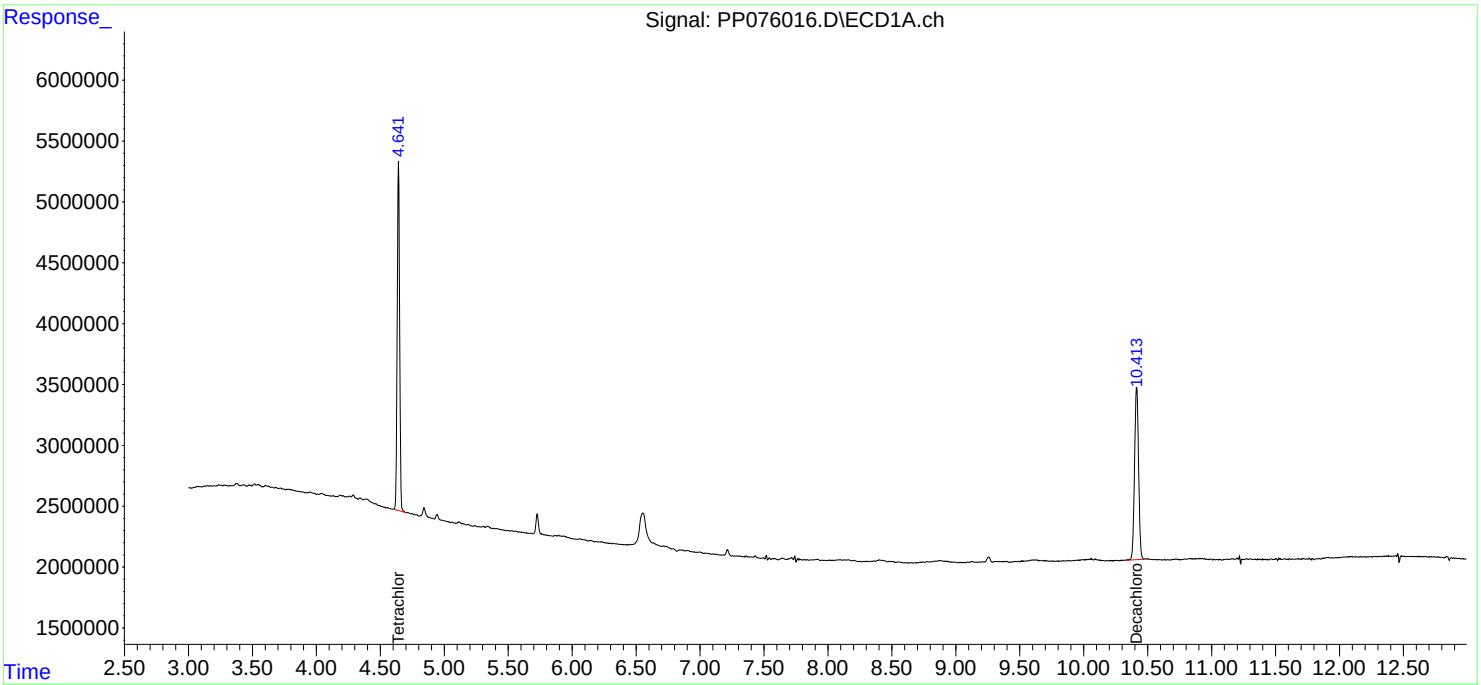
Sample Results: **PP076016.D**

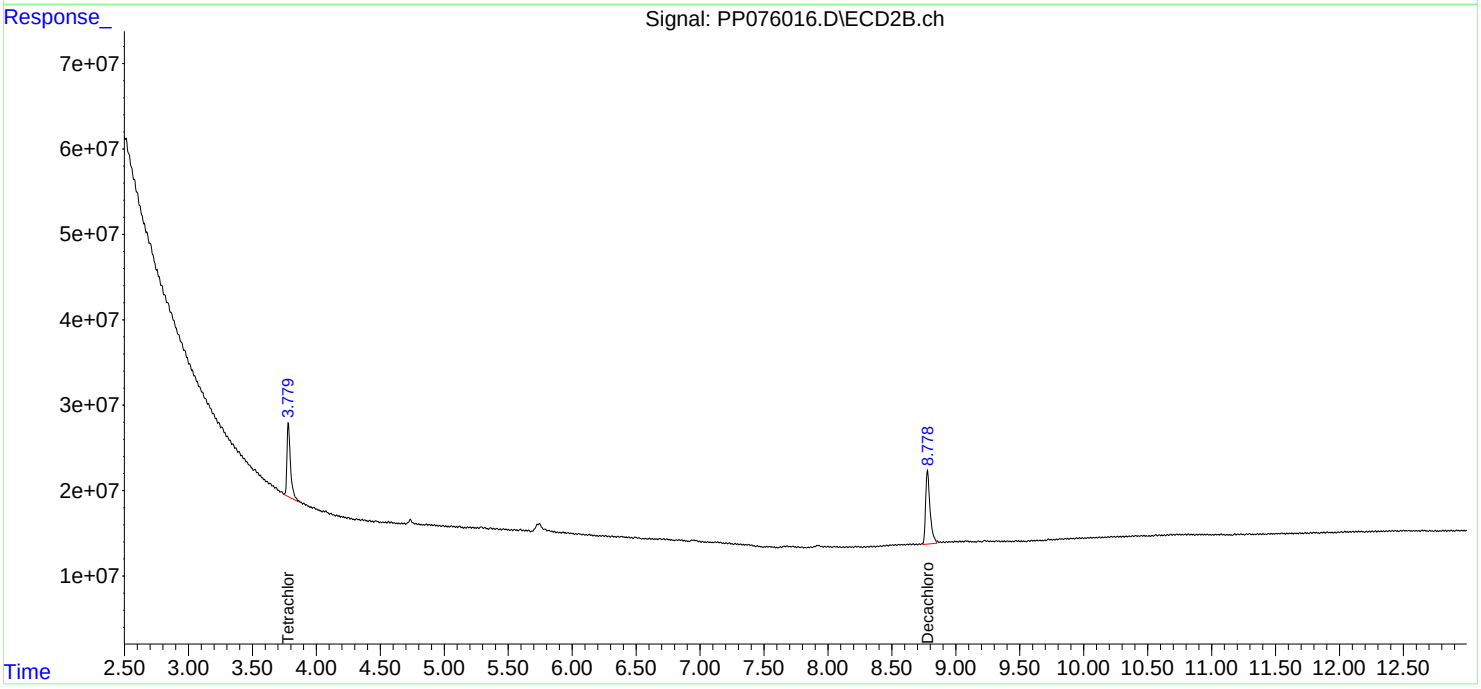
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102425\
Data File : PP076016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 10:18
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

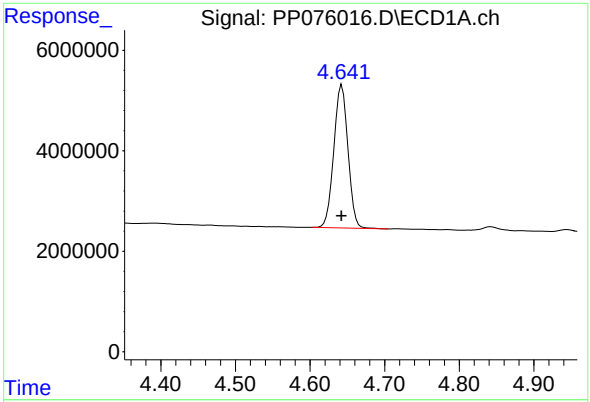
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 11:52:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



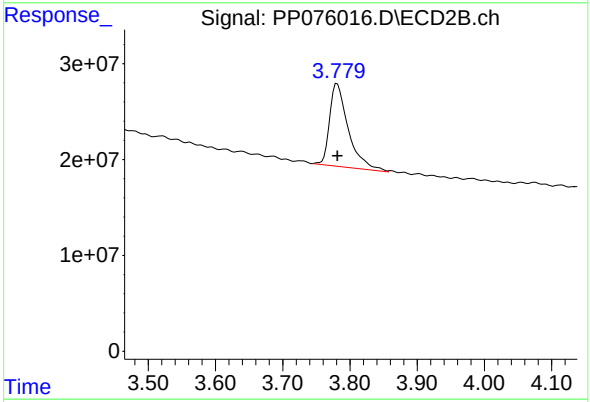




#1 Tetrachloro-m-xylene

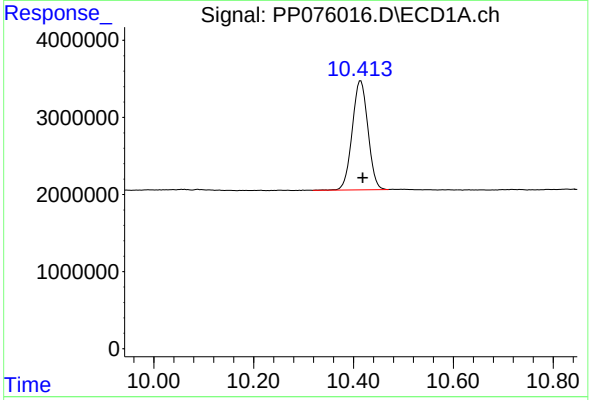
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 37518892
Conc: 26.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



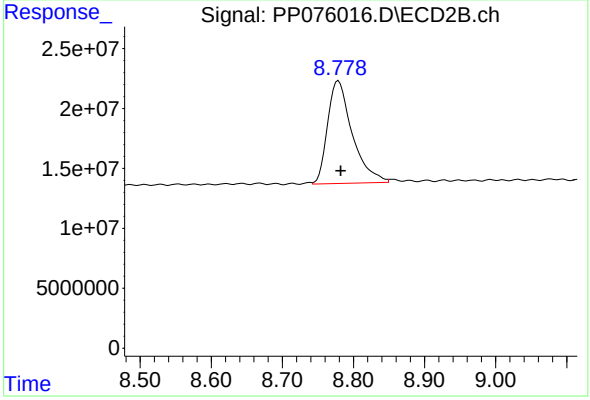
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 165660036
Conc: 25.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.004 min
Response: 30882842
Conc: 28.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.779 min
Delta R.T.: -0.003 min
Response: 207005183
Conc: 25.17 ng/ml

Raw Data: **PP076031.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/24/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/24/25
Client Sample ID:	PIBLK-PP076031.D	SDG No.:	Q3419
Lab Sample ID:	I.BLK-PP076031.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	10/24/25	PP102425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/24/25	PP102425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/24/25	PP102425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/24/25	PP102425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/24/25	PP102425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/24/25	PP102425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/24/25	PP102425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/24/25	PP102425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/24/25	PP102425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.7			60 - 140	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.2			60 - 140	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

Sample Results: **PP076031.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102425\
Data File : PP076031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 15:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:42:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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...	4.642	3.782	30121145	124.0E6	21.077	18.739
2)	SA Decachlor...	10.414	8.779	25257359	149.6E6	23.462	18.187
	Target Compounds						

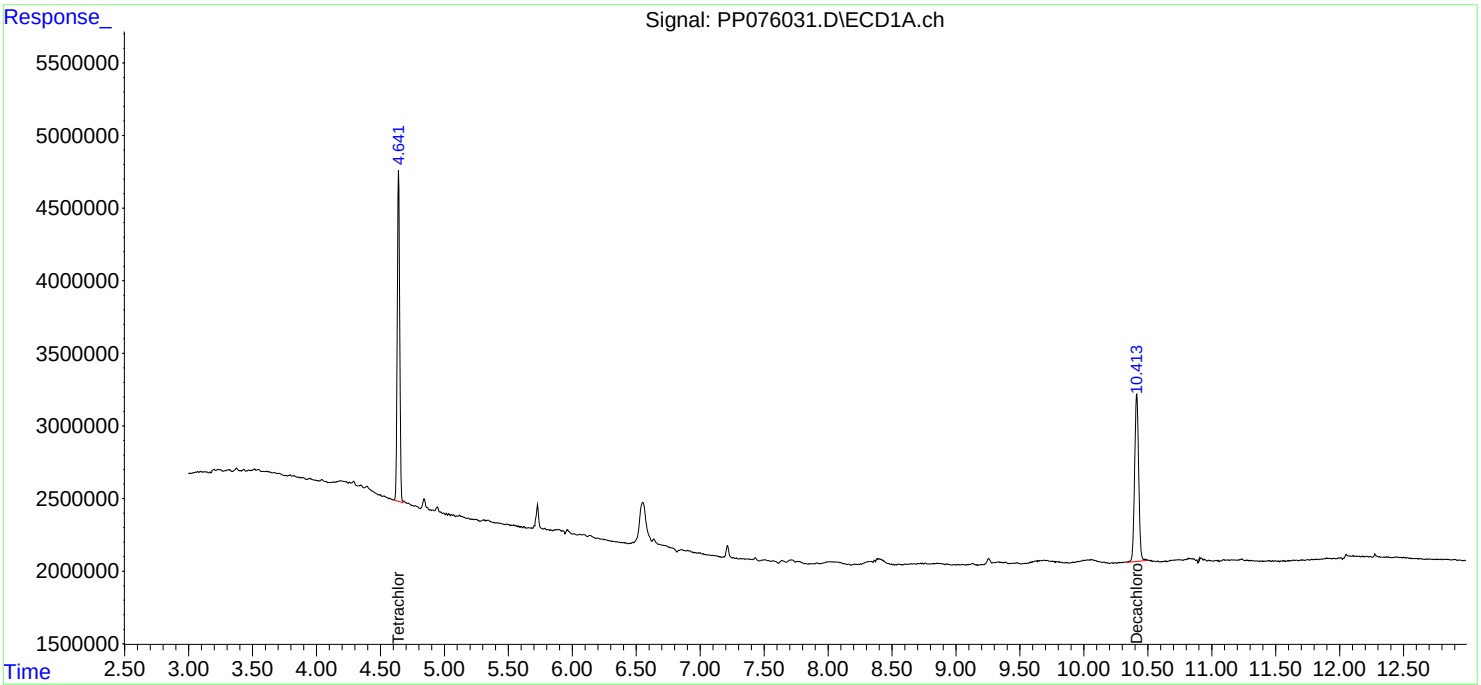
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

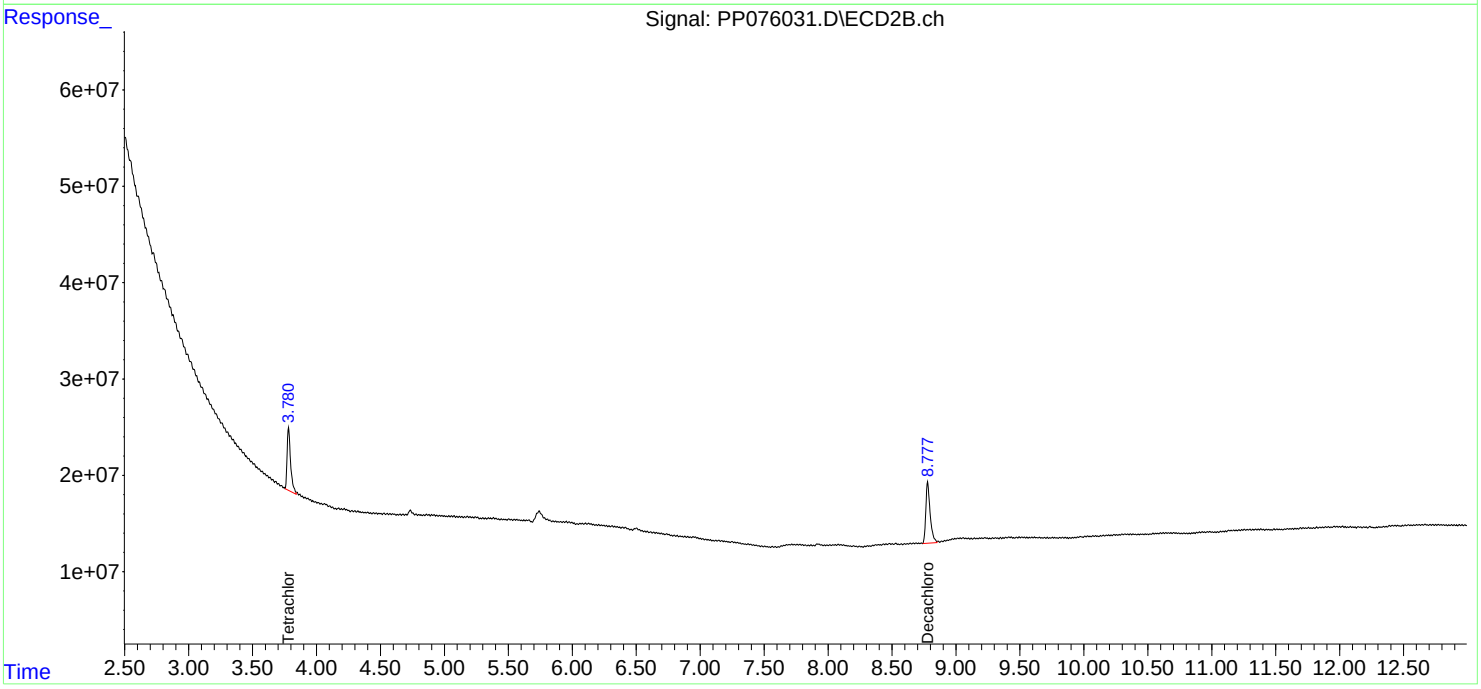
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102425\
Data File : PP076031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 15:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

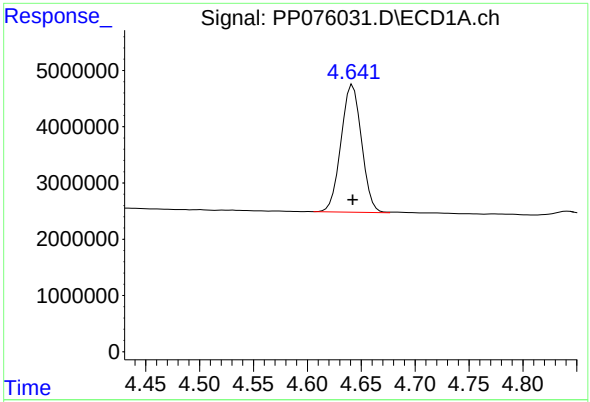
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:42:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 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



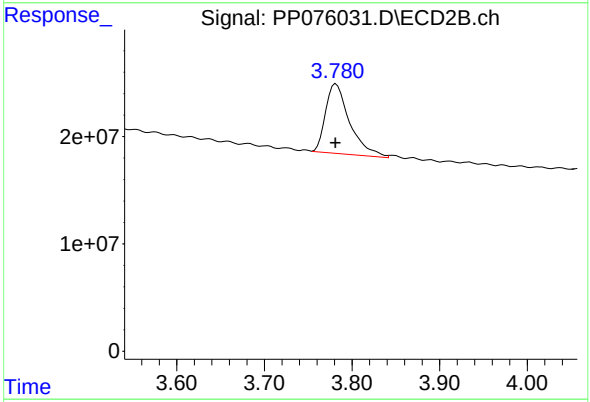




#1 Tetrachloro-m-xylene

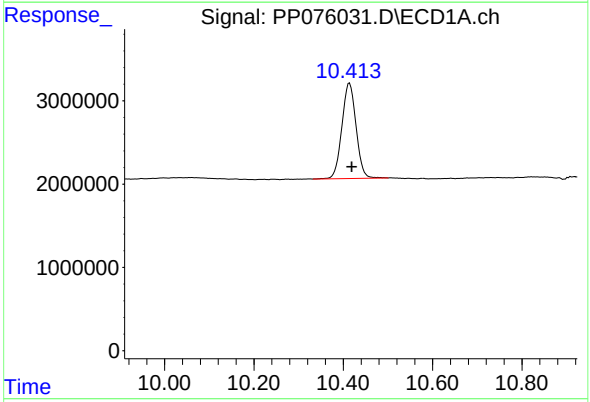
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 30121145
Conc: 21.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



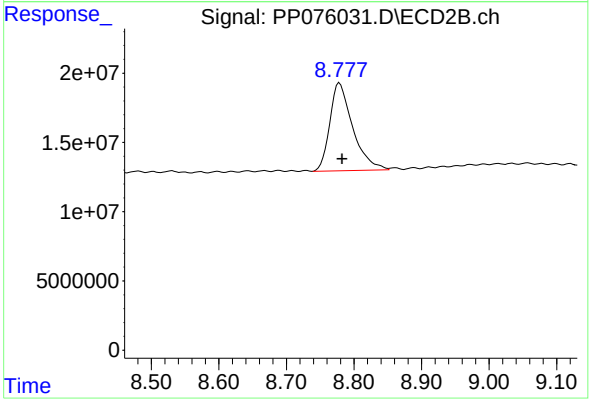
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 124021681
Conc: 18.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.005 min
Response: 25257359
Conc: 23.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.779 min
Delta R.T.: -0.003 min
Response: 149551472
Conc: 18.19 ng/ml

Raw Data: **PQ070972.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/10/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/10/25
Client Sample ID:	PIBLK-PQ070972.D	SDG No.:	Q3419
Lab Sample ID:	I.BLK-PQ070972.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	10/10/25	pq101025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/10/25	pq101025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/10/25	pq101025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/10/25	pq101025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/10/25	pq101025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/10/25	pq101025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/10/25	pq101025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/10/25	pq101025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/10/25	pq101025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.3			60 - 140	91%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.0			60 - 140	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_Q\Data\PQ101025\
Data File : PQ070972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:42
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: Oct 10 17:32:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 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...	3.400	2.778	79509611	97022264	18.277	19.099
2)	SA Decachlor...	8.496	7.533	55246960	97962147	19.025	19.400
	Target Compounds						

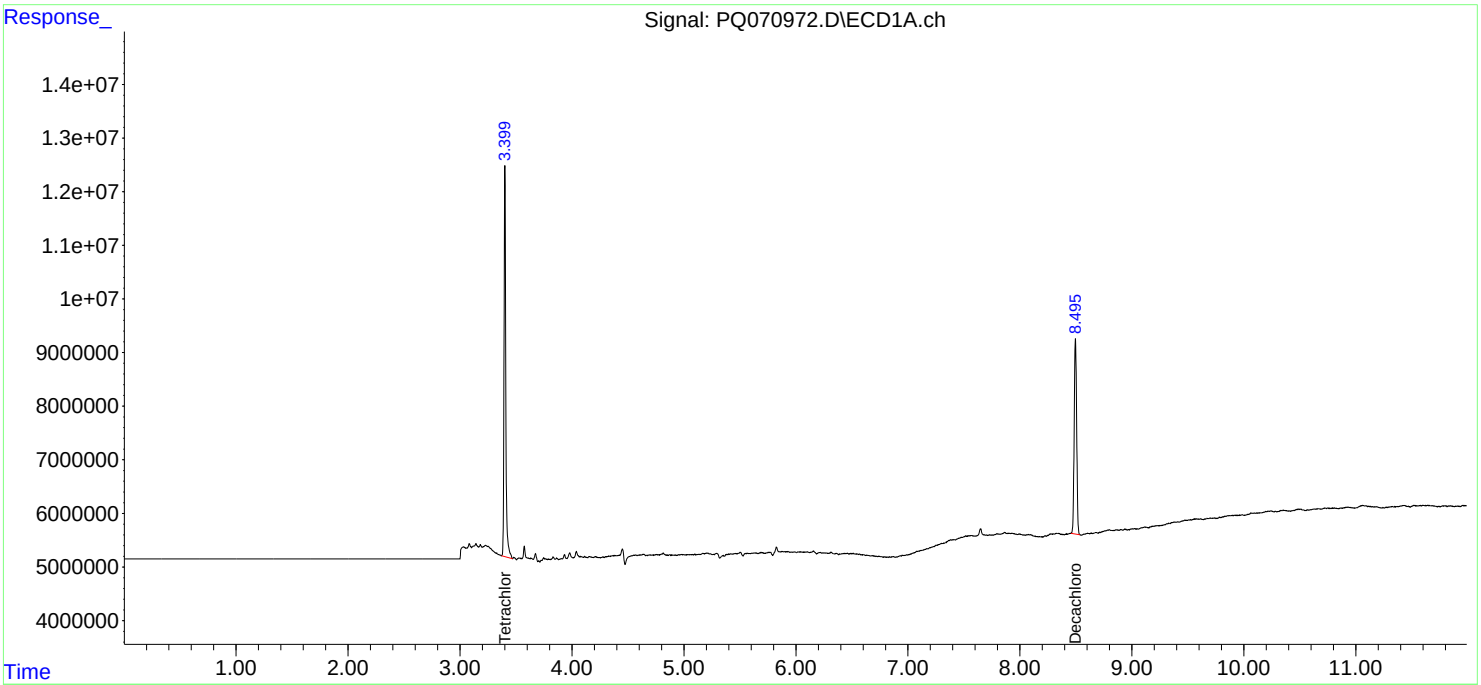
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

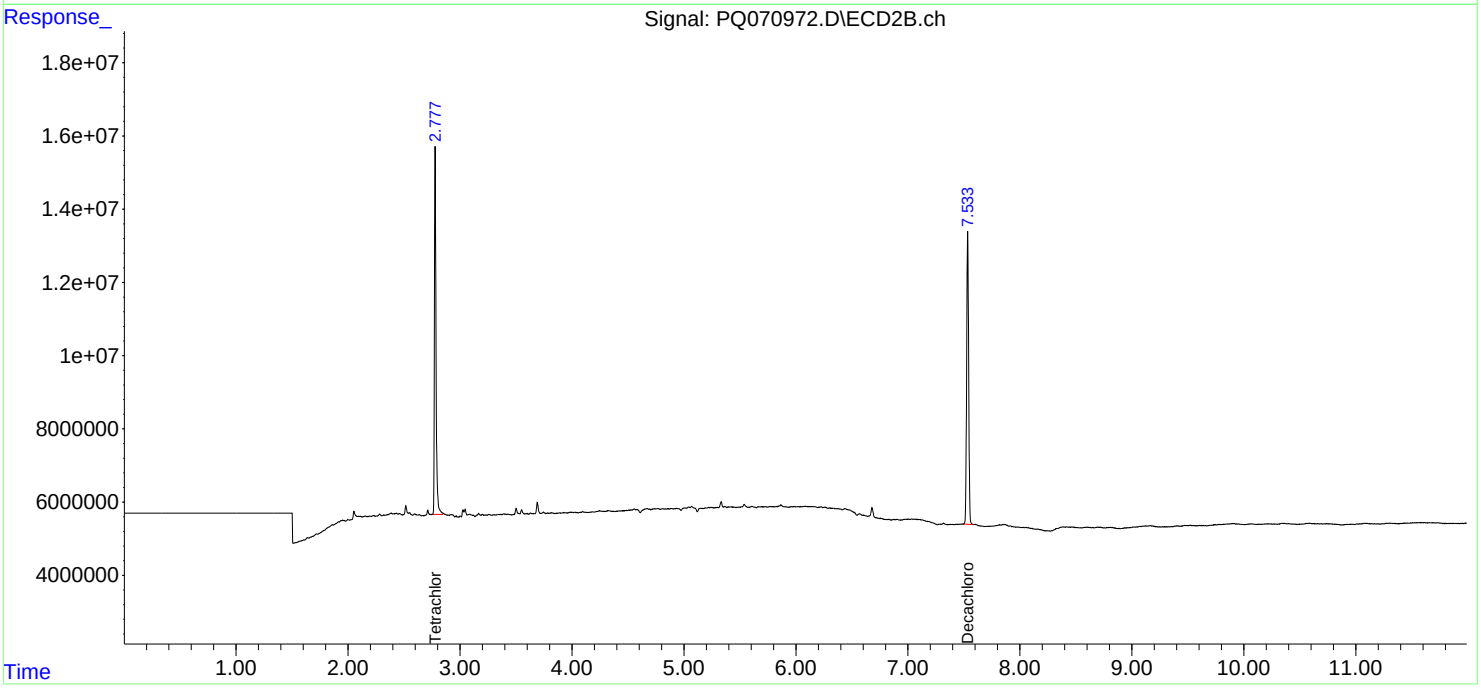
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

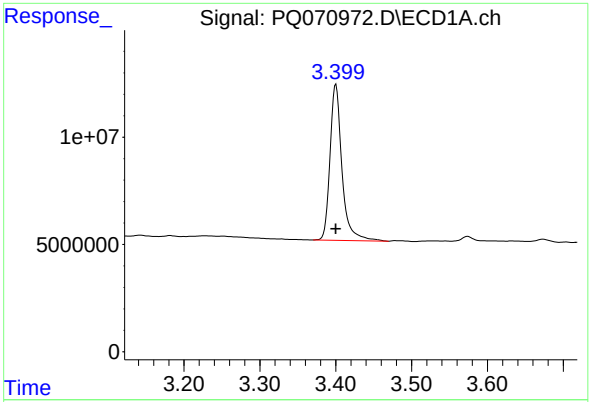
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:32:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 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



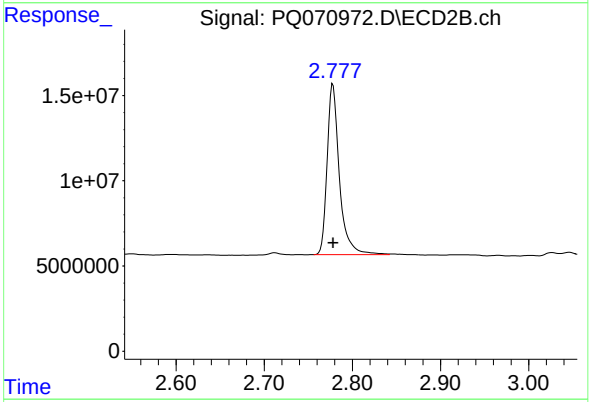




#1 Tetrachloro-m-xylene

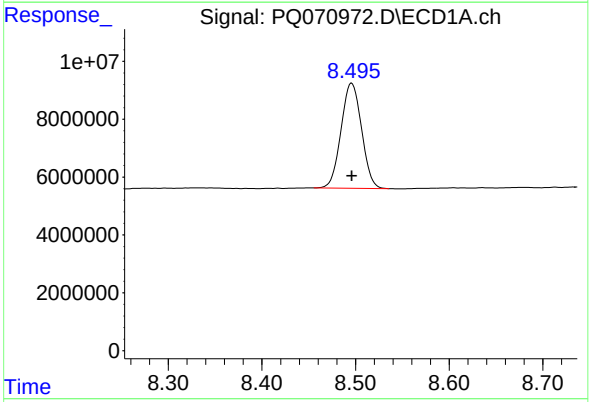
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 79509611
Conc: 18.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



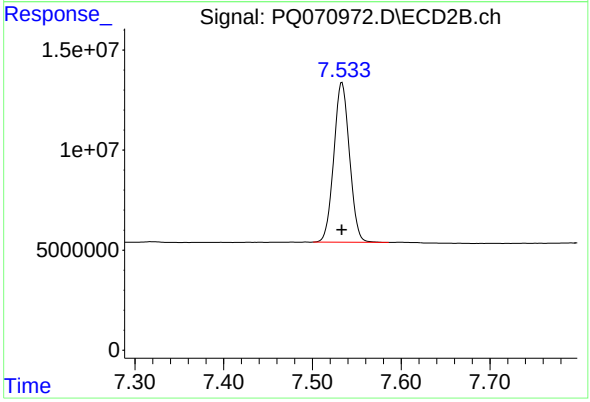
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 97022264
Conc: 19.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 55246960
Conc: 19.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 97962147
Conc: 19.40 ng/ml

Raw Data: **PQ071150.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/27/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/27/25
Client Sample ID:	PIBLK-PQ071150.D	SDG No.:	Q3419
Lab Sample ID:	I.BLK-PQ071150.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	10/27/25	PQ102725
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/27/25	PQ102725
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/27/25	PQ102725
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/27/25	PQ102725
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/27/25	PQ102725
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/27/25	PQ102725
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/27/25	PQ102725
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/27/25	PQ102725
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/27/25	PQ102725
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.9			60 - 140	100%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.5			60 - 140	122%	SPK: 20		

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

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

Sample Results: **PQ071150.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:11
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: Oct 27 11:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.776	97916618	101.1E6	22.508	19.909
2)	SA Decachlor...	8.497	7.532	74642604	123.6E6	25.704	24.472
	Target Compounds						

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

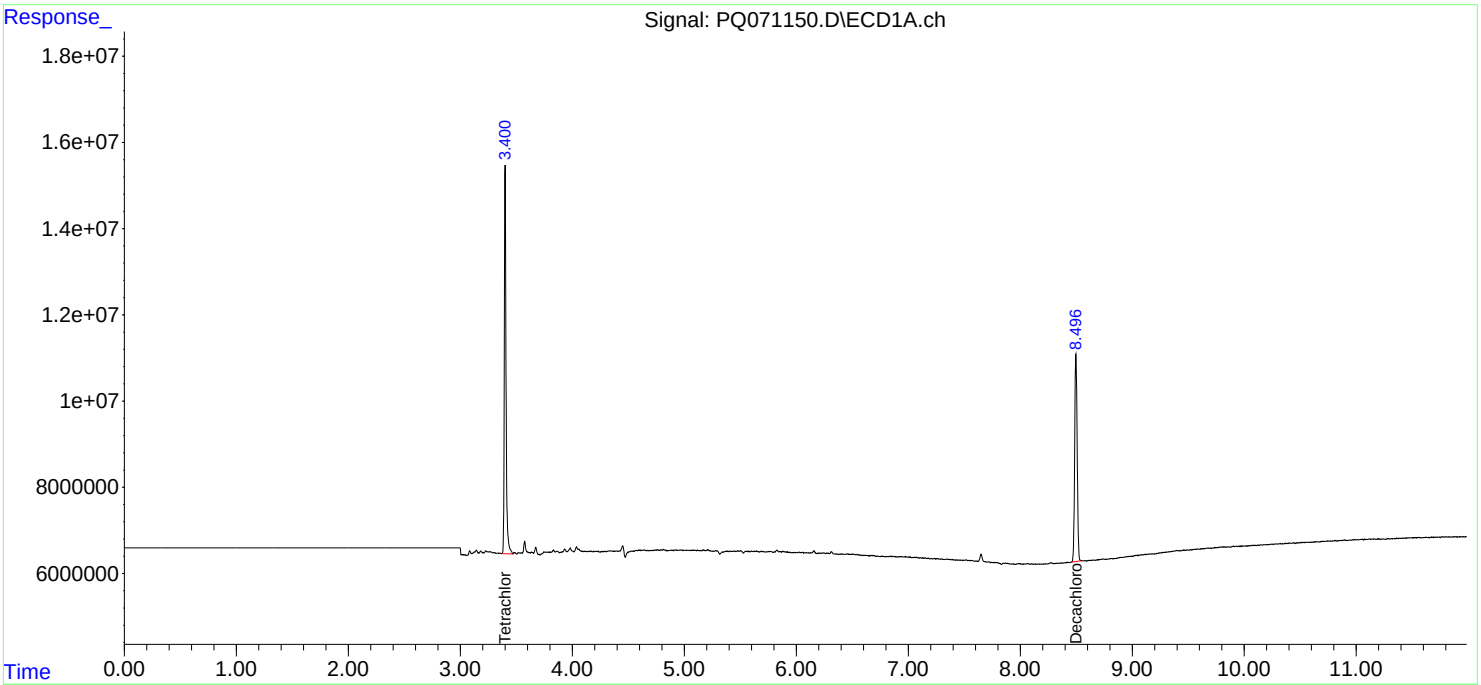
Sample Results: **PQ071150.D**

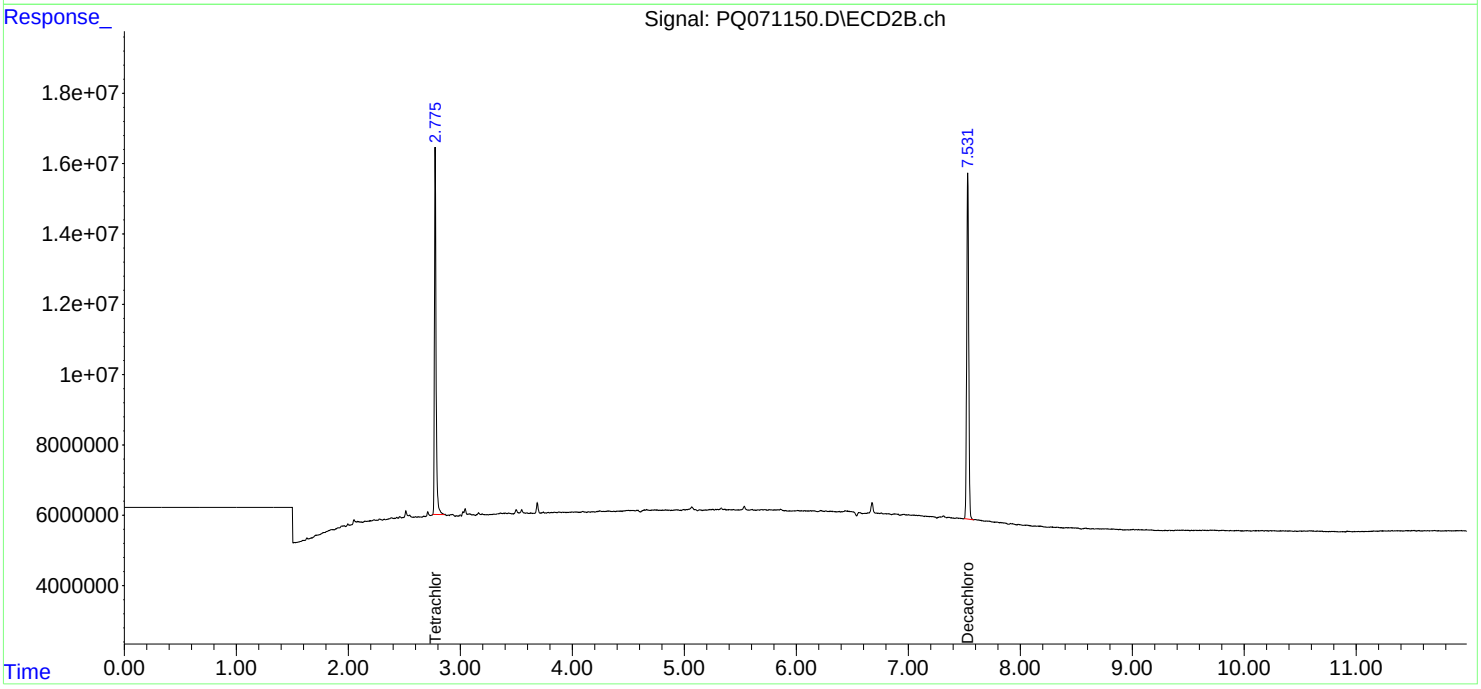
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

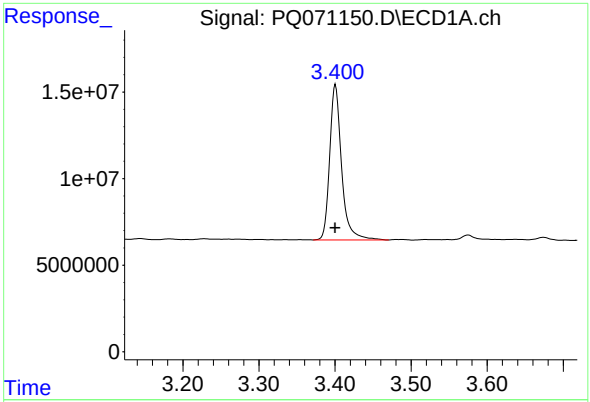
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



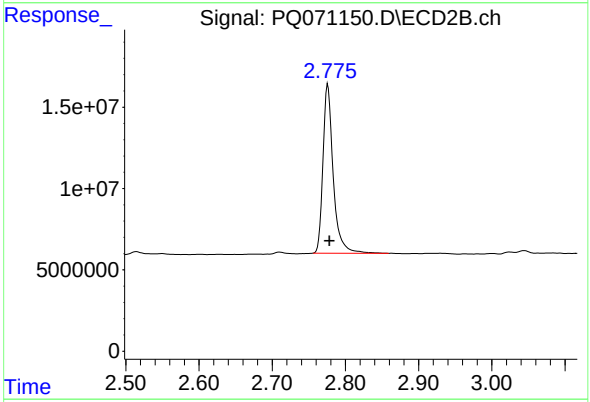




#1 Tetrachloro-m-xylene

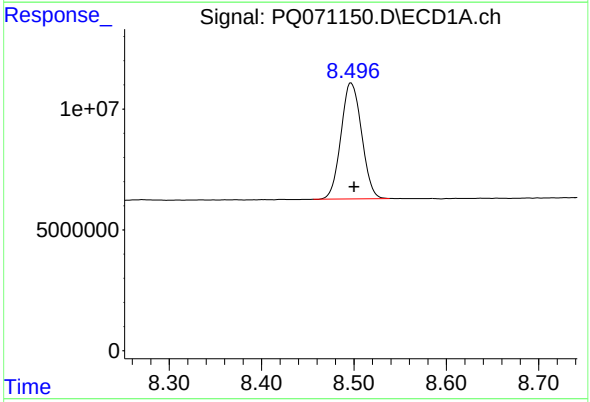
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 97916618
Conc: 22.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



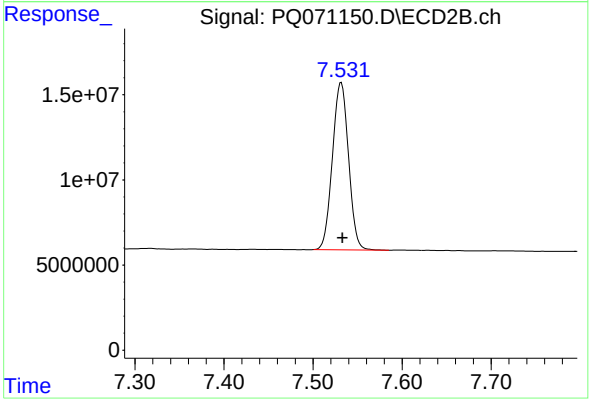
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 101136067
Conc: 19.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 74642604
Conc: 25.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.532 min
Delta R.T.: -0.001 min
Response: 123572351
Conc: 24.47 ng/ml

Raw Data: **PQ071165.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/27/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/27/25
Client Sample ID:	PIBLK-PQ071165.D	SDG No.:	Q3419
Lab Sample ID:	I.BLK-PQ071165.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	10/27/25	PQ102725
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/27/25	PQ102725
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/27/25	PQ102725
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/27/25	PQ102725
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/27/25	PQ102725
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/27/25	PQ102725
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/27/25	PQ102725
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/27/25	PQ102725
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/27/25	PQ102725
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.4			60 - 140	92%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.2			60 - 140	111%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 14:18
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: Oct 28 00:23:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.399	2.776	88339084	93561979	20.307	18.418
2)	SA Decachlor...	8.497	7.530	68135285	112.1E6	23.463	22.205
	Target Compounds						

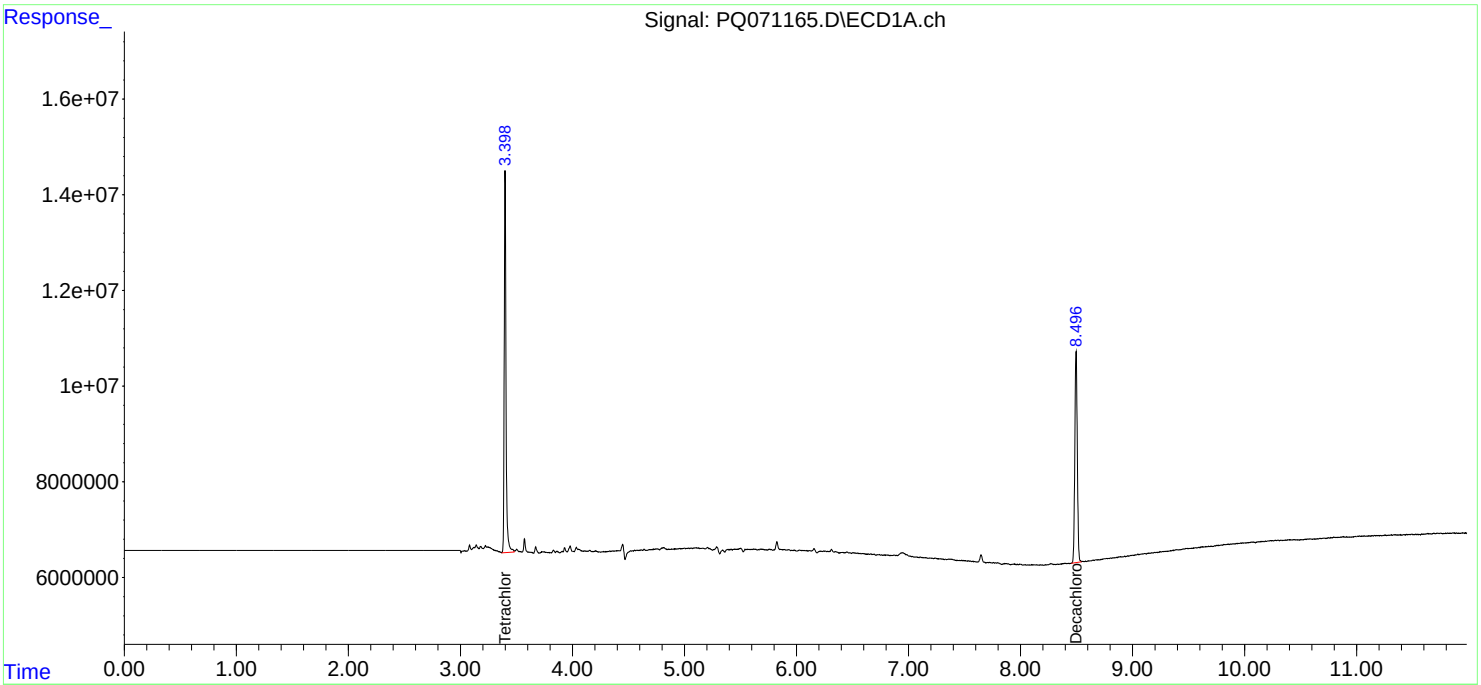
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

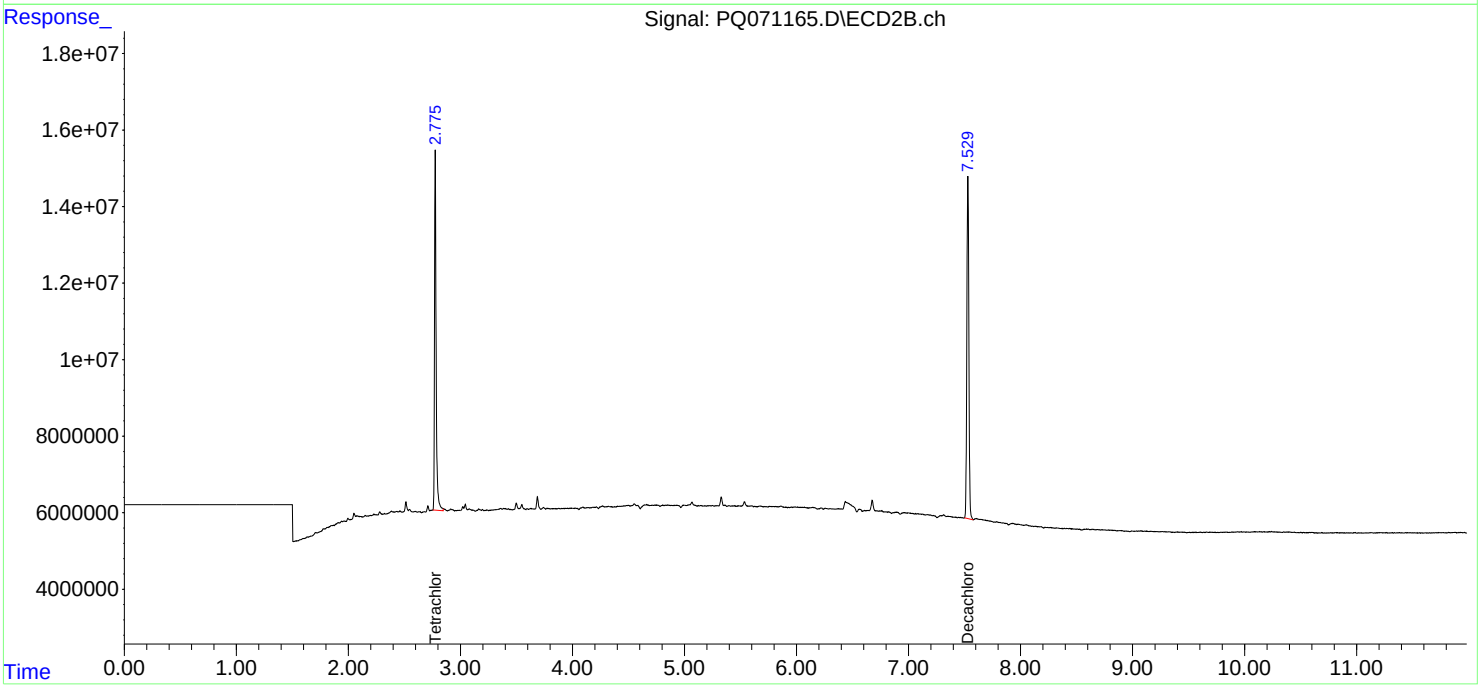
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 14:18
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

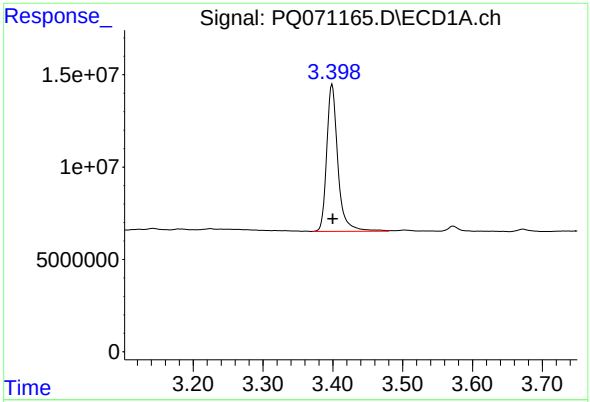
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 00:23:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



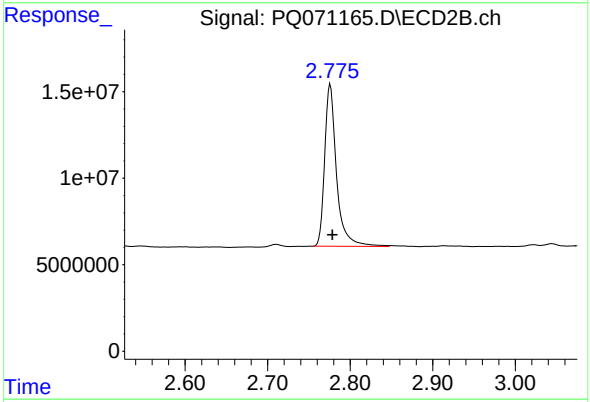




#1 Tetrachloro-m-xylene

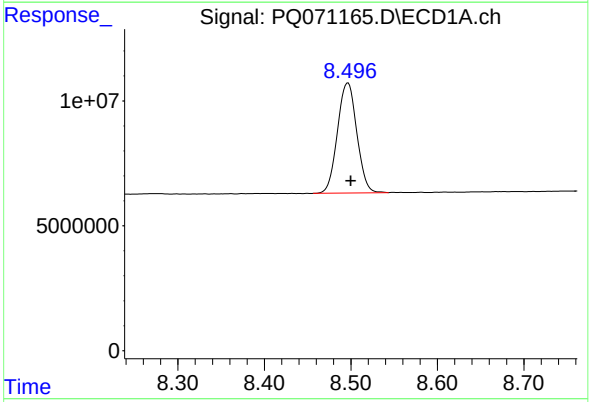
R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 88339084
Conc: 20.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



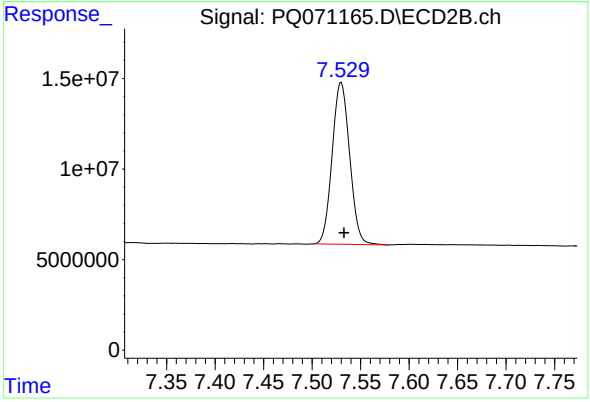
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 93561979
Conc: 18.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 68135285
Conc: 23.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.530 min
Delta R.T.: -0.003 min
Response: 112123551
Conc: 22.20 ng/ml

Raw Data: **PP076018.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170234BS	SDG No.:	Q3419
Lab Sample ID:	PB170234BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	141		1	3.90	17.0	ug/kg	10/24/25 10:51	PB170234
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	10/24/25 10:51	PB170234
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	10/24/25 10:51	PB170234
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	10/24/25 10:51	PB170234
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	10/24/25 10:51	PB170234
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	10/24/25 10:51	PB170234
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	10/24/25 10:51	PB170234
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	10/24/25 10:51	PB170234
11096-82-5	Aroclor-1260	149		1	3.20	17.0	ug/kg	10/24/25 10:51	PB170234
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.0			32 - 144	130%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.9			32 - 175	140%	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_P\Data\PP102425\
Data File : PP076018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 10:51
Operator : YP\AJ
Sample : PB170234BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170234BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 11:53:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.644	3.783	37141708	157.4E6	25.990	23.779
2)	SA Decachlor...	10.415	8.779	30081887	195.5E6	27.943	23.780
	Target Compounds						
3)	L1 AR-1016-1	5.795	4.878	25510264	307.6E6	431.455	415.590
4)	L1 AR-1016-2	5.817	4.935	37892936	145.6E6	428.439	425.845
5)	L1 AR-1016-3	5.880	5.054	23630380	79120915	426.919	385.312
6)	L1 AR-1016-4	5.977	5.097	19393468	74945832	426.791	401.025
7)	L1 AR-1016-5	6.270	5.310	17734531	88224580	408.578	386.979
31)	L7 AR-1260-1	7.387	6.337	32840687	250.7E6	477.637	457.777
32)	L7 AR-1260-2	7.640	6.524	40129571	372.2E6	447.988	457.388
33)	L7 AR-1260-3	7.998	6.676	27300461	263.5E6	394.022	468.254
34)	L7 AR-1260-4	8.225	7.146	35636740	217.7E6	519.703	419.231
35)	L7 AR-1260-5	8.551	7.386	59308422	536.1E6	400.864	395.480

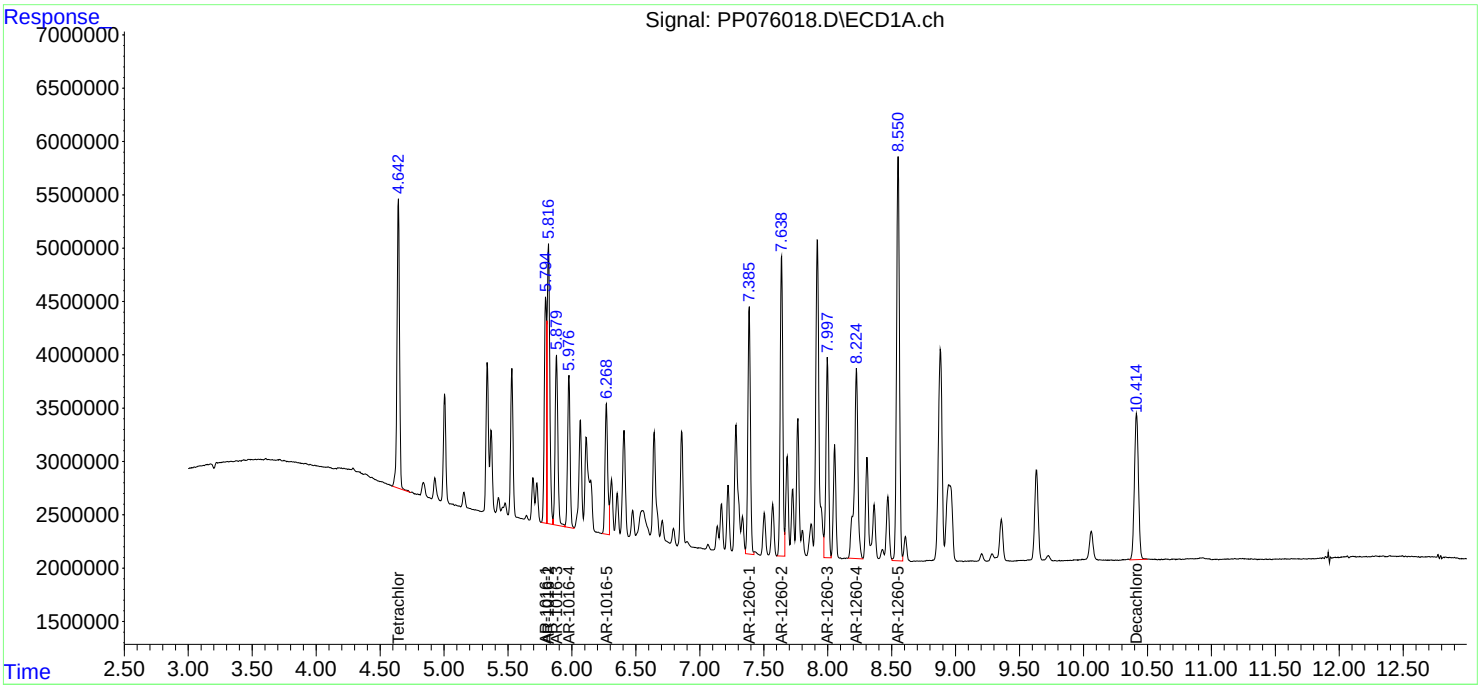
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

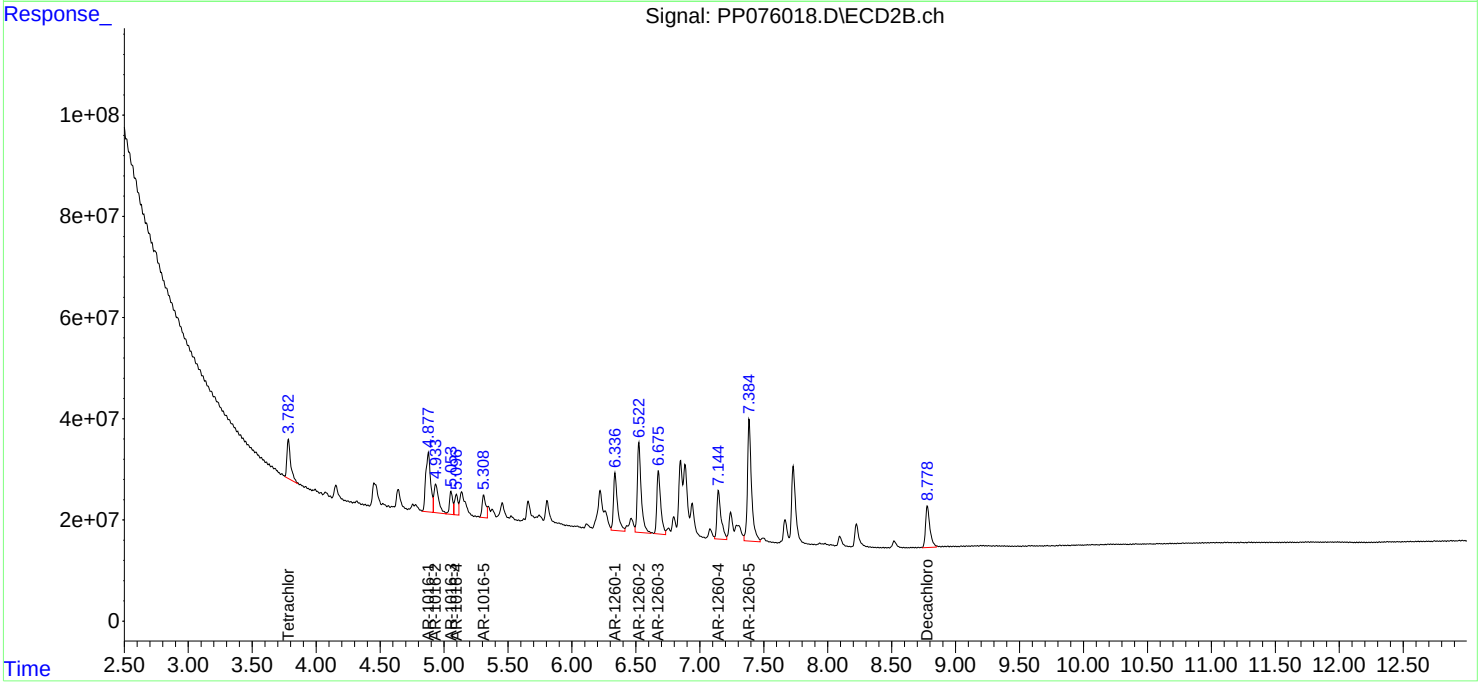
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102425\
Data File : PP076018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 10:51
Operator : YP\AJ
Sample : PB170234BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

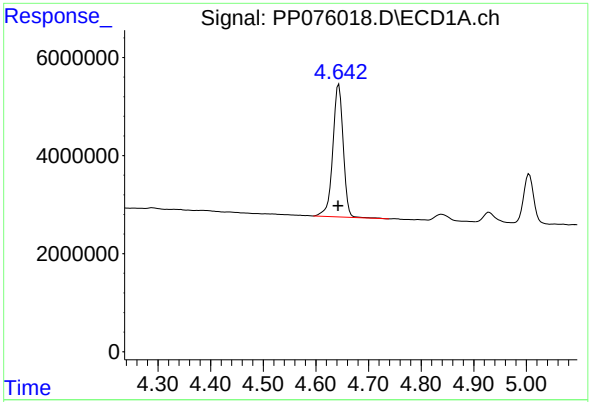
Instrument :
ECD_P
ClientSampleId :
PB170234BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 11:53:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



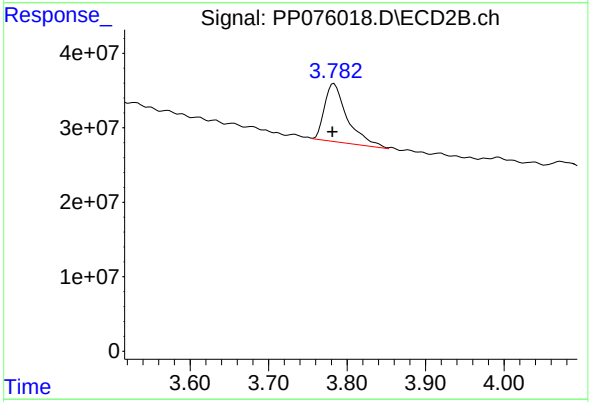




#1 Tetrachloro-m-xylene

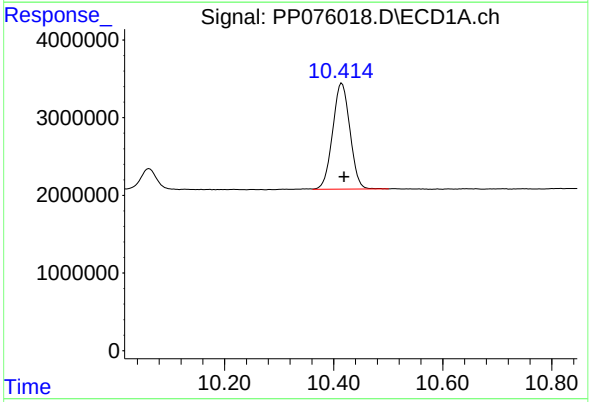
R.T.: 4.644 min
Delta R.T.: 0.002 min
Response: 37141708
Conc: 25.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170234BS



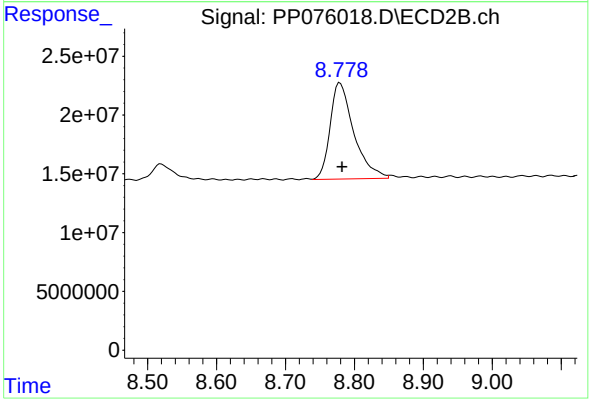
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 157372994
Conc: 23.78 ng/ml



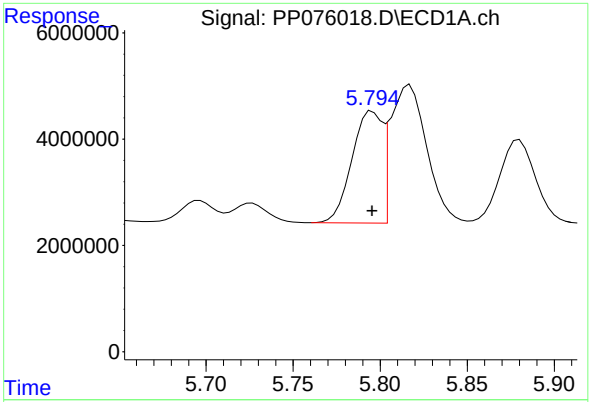
#2 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.004 min
Response: 30081887
Conc: 27.94 ng/ml



#2 Decachlorobiphenyl

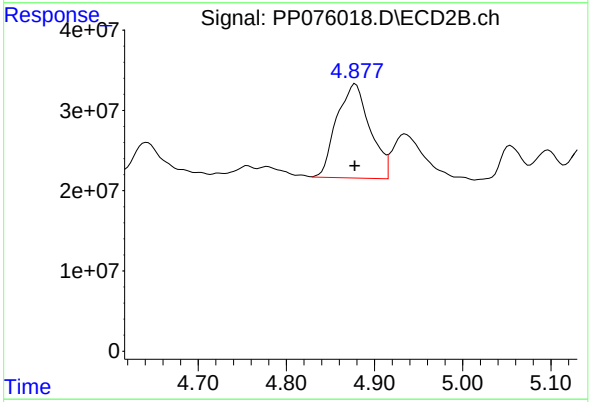
R.T.: 8.779 min
Delta R.T.: -0.003 min
Response: 195546335
Conc: 23.78 ng/ml



#3 AR-1016-1

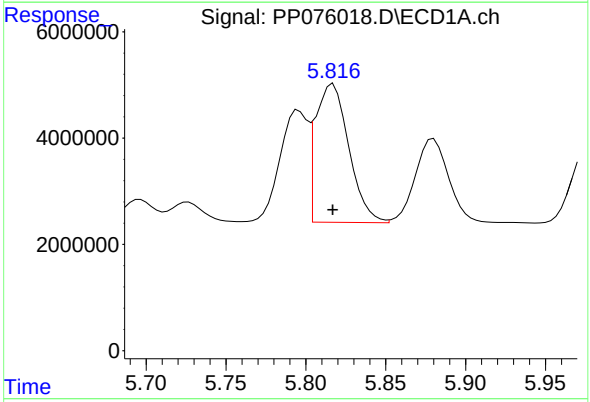
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 25510264
Conc: 431.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170234BS



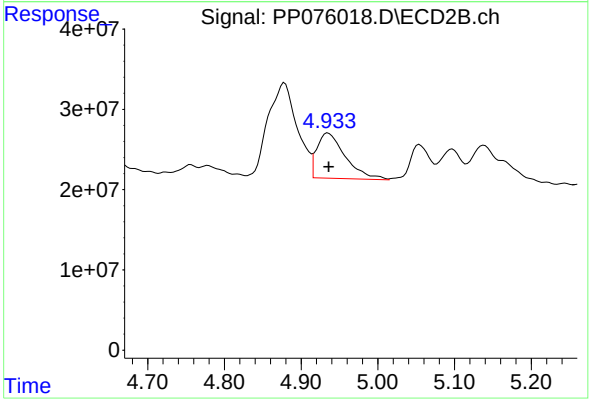
#3 AR-1016-1

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 307608203
Conc: 415.59 ng/ml



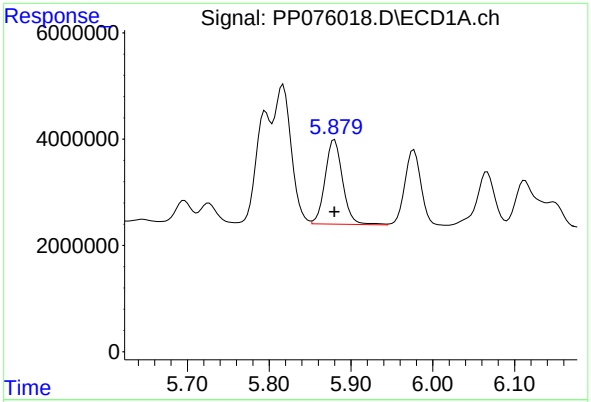
#4 AR-1016-2

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 37892936
Conc: 428.44 ng/ml



#4 AR-1016-2

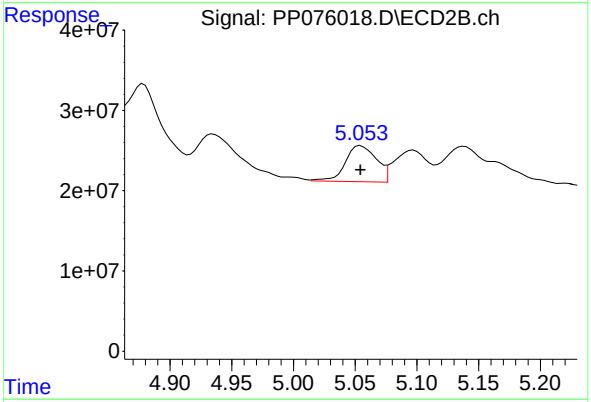
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 145610246
Conc: 425.85 ng/ml



#5 AR-1016-3

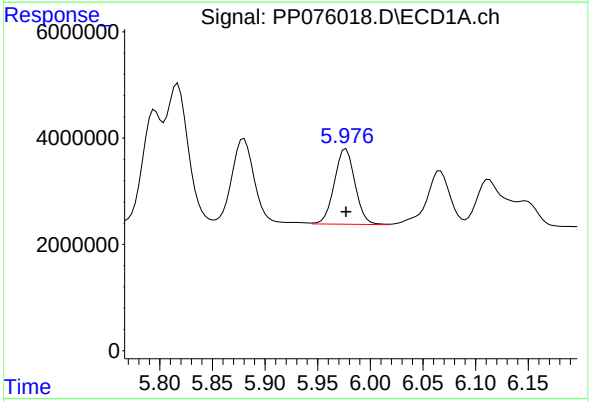
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 23630380
Conc: 426.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170234BS



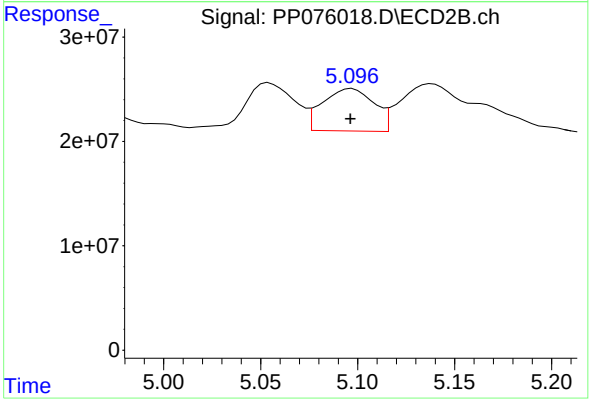
#5 AR-1016-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 79120915
Conc: 385.31 ng/ml



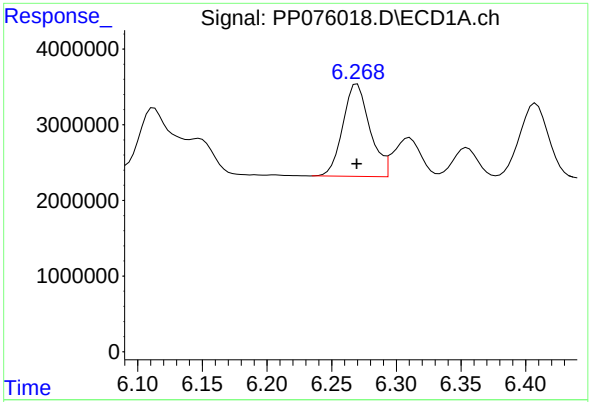
#6 AR-1016-4

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 19393468
Conc: 426.79 ng/ml



#6 AR-1016-4

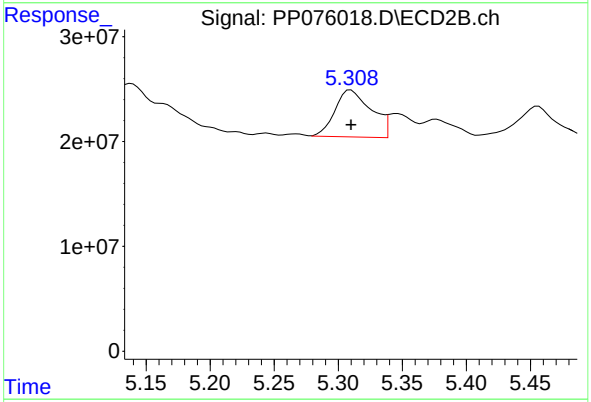
R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 74945832
Conc: 401.03 ng/ml



#7 AR-1016-5

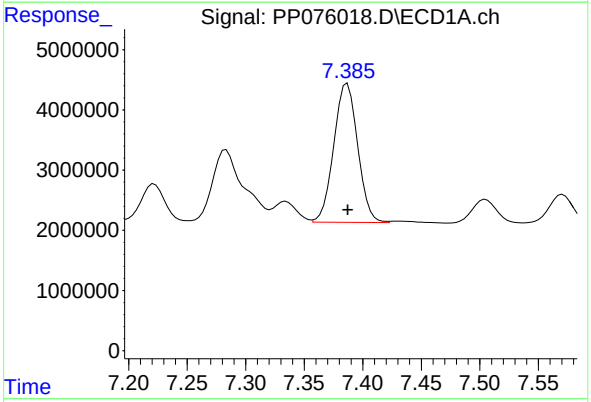
R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 17734531
Conc: 408.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170234BS



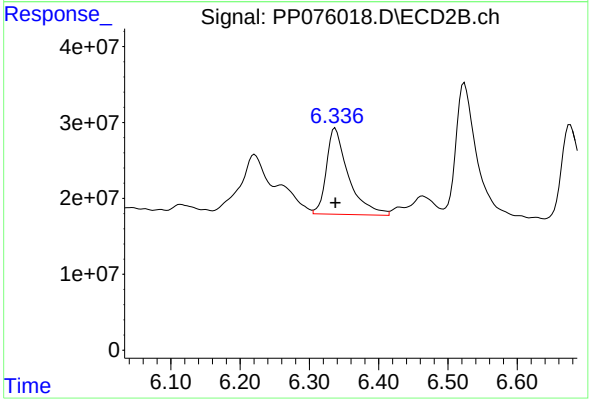
#7 AR-1016-5

R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 88224580
Conc: 386.98 ng/ml



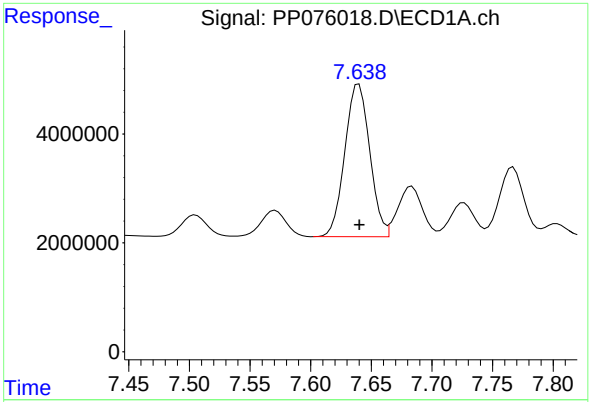
#31 AR-1260-1

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 32840687
Conc: 477.64 ng/ml



#31 AR-1260-1

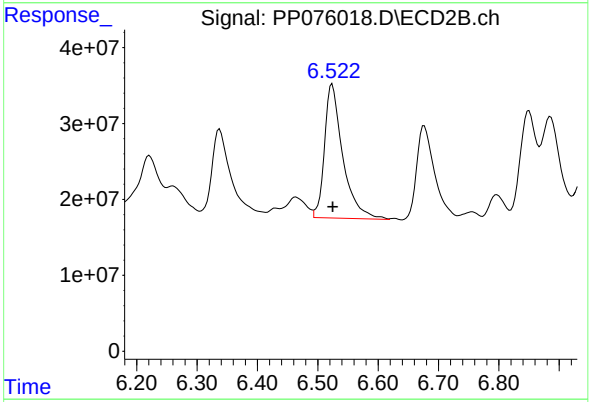
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 250722212
Conc: 457.78 ng/ml



#32 AR-1260-2

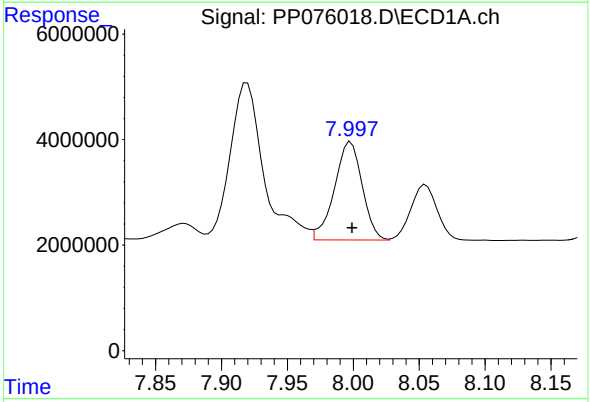
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 40129571
Conc: 447.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170234BS



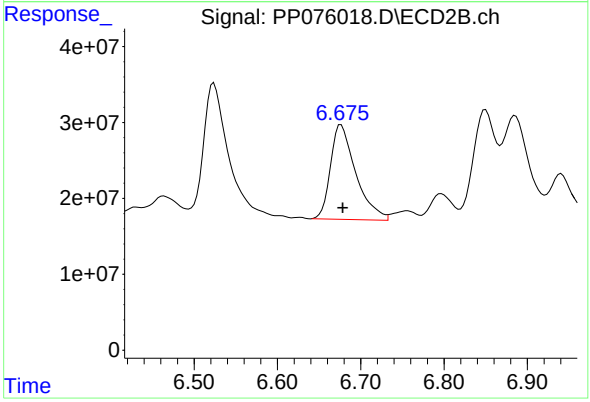
#32 AR-1260-2

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 372191717
Conc: 457.39 ng/ml



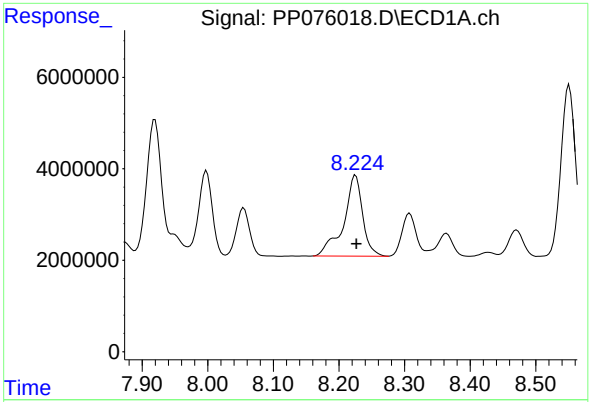
#33 AR-1260-3

R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 27300461
Conc: 394.02 ng/ml



#33 AR-1260-3

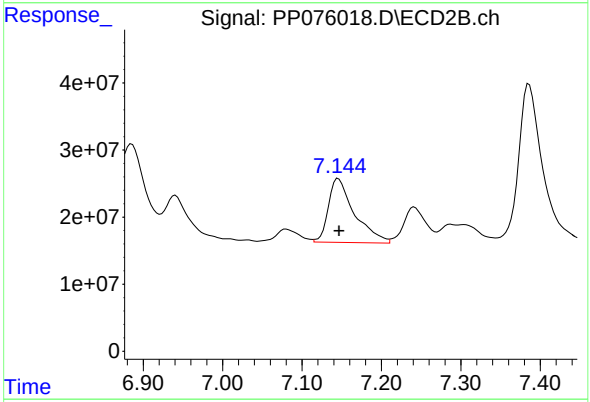
R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 263512932
Conc: 468.25 ng/ml



#34 AR-1260-4

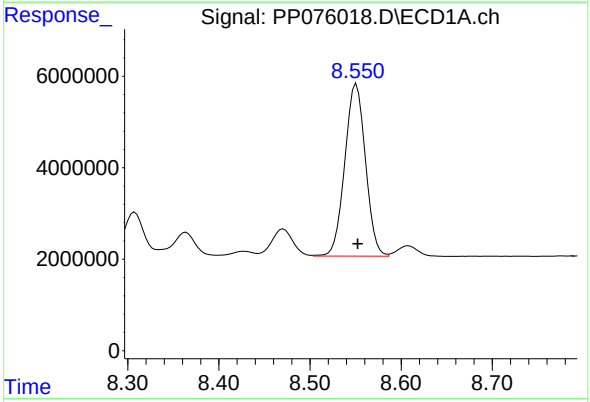
R.T.: 8.225 min
Delta R.T.: -0.001 min
Response: 35636740
Conc: 519.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170234BS



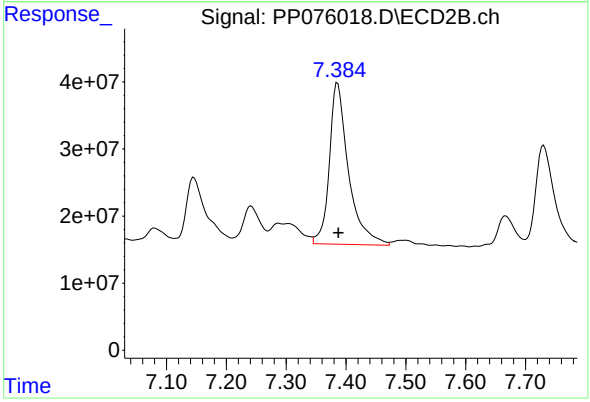
#34 AR-1260-4

R.T.: 7.146 min
Delta R.T.: -0.001 min
Response: 217719774
Conc: 419.23 ng/ml



#35 AR-1260-5

R.T.: 8.551 min
Delta R.T.: -0.001 min
Response: 59308422
Conc: 400.86 ng/ml



#35 AR-1260-5

R.T.: 7.386 min
Delta R.T.: -0.002 min
Response: 536095051
Conc: 395.48 ng/ml

Raw Data: **PQ071159.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021MS	SDG No.:	Q3419
Lab Sample ID:	Q3419-02MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	54.4
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	325		1	7.30	31.2	ug/kg	10/27/25 11:23	PB170234
11104-28-2	Aroclor-1221	31.2	U	1	7.40	31.2	ug/kg	10/27/25 11:23	PB170234
11141-16-5	Aroclor-1232	31.2	U	1	6.80	31.2	ug/kg	10/27/25 11:23	PB170234
53469-21-9	Aroclor-1242	373		1	7.40	31.2	ug/kg	10/27/25 11:23	PB170234
12672-29-6	Aroclor-1248	31.2	U	1	10.9	31.2	ug/kg	10/27/25 11:23	PB170234
11097-69-1	Aroclor-1254	31.2	U	1	5.90	31.2	ug/kg	10/27/25 11:23	PB170234
37324-23-5	Aroclor-1262	31.2	U	1	9.20	31.2	ug/kg	10/27/25 11:23	PB170234
11100-14-4	Aroclor-1268	31.2	U	1	6.60	31.2	ug/kg	10/27/25 11:23	PB170234
11096-82-5	Aroclor-1260	282		1	5.90	31.2	ug/kg	10/27/25 11:23	PB170234
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.8			32 - 144	124%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.0			32 - 175	130%	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

Sample Results: **PQ071159.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 11:23
Operator : YP\AJ
Sample : Q3419-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:36:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.399	2.776	107.6E6	107.3E6	24.745	21.125	
2)	SA Decachlor...	8.495	7.531	75540868	120.3E6	26.013	23.826	
	Target Compounds							
3)	L1 AR-1016-1	4.479	3.776	86699060	97865327	528.189	436.895	
4)	L1 AR-1016-2	4.498	3.791	135.4E6	147.7E6	528.245	434.311	
5)	L1 AR-1016-3	4.556	3.951	82838733	82392593	520.611	453.058	
6)	L1 AR-1016-4	4.646	4.000	72013245	70063867	554.250	445.097	
7)	L1 AR-1016-5	4.930	4.195	67118066	82755884	521.092	431.375	
16)	L4 AR-1242-1	4.479	3.776	86699060	97865327	728.858	600.907	
17)	L4 AR-1242-2	4.498	3.791	135.4E6	147.7E6	709.895	611.990	
18)	L4 AR-1242-3	4.556	3.951	82838733	82392593	696.731	625.037	
19)	L4 AR-1242-4	4.646	4.037	72013245	76937169	723.346	671.533	
20)	L4 AR-1242-5	5.352	4.531	14906784	67889324	189.360	389.855	#
31)	L7 AR-1260-1	6.019	5.187	114.2E6	149.9E6	486.968	416.038	
32)	L7 AR-1260-2	6.275	5.376	137.1E6	177.5E6	495.501	403.437	
33)	L7 AR-1260-3	6.626	5.517	84510653	169.0E6	424.020	407.179	
34)	L7 AR-1260-4	6.840	5.977	96900919	126.5E6	450.947	351.624	
35)	L7 AR-1260-5	7.145	6.222	194.2E6	285.2E6	447.796	339.392	

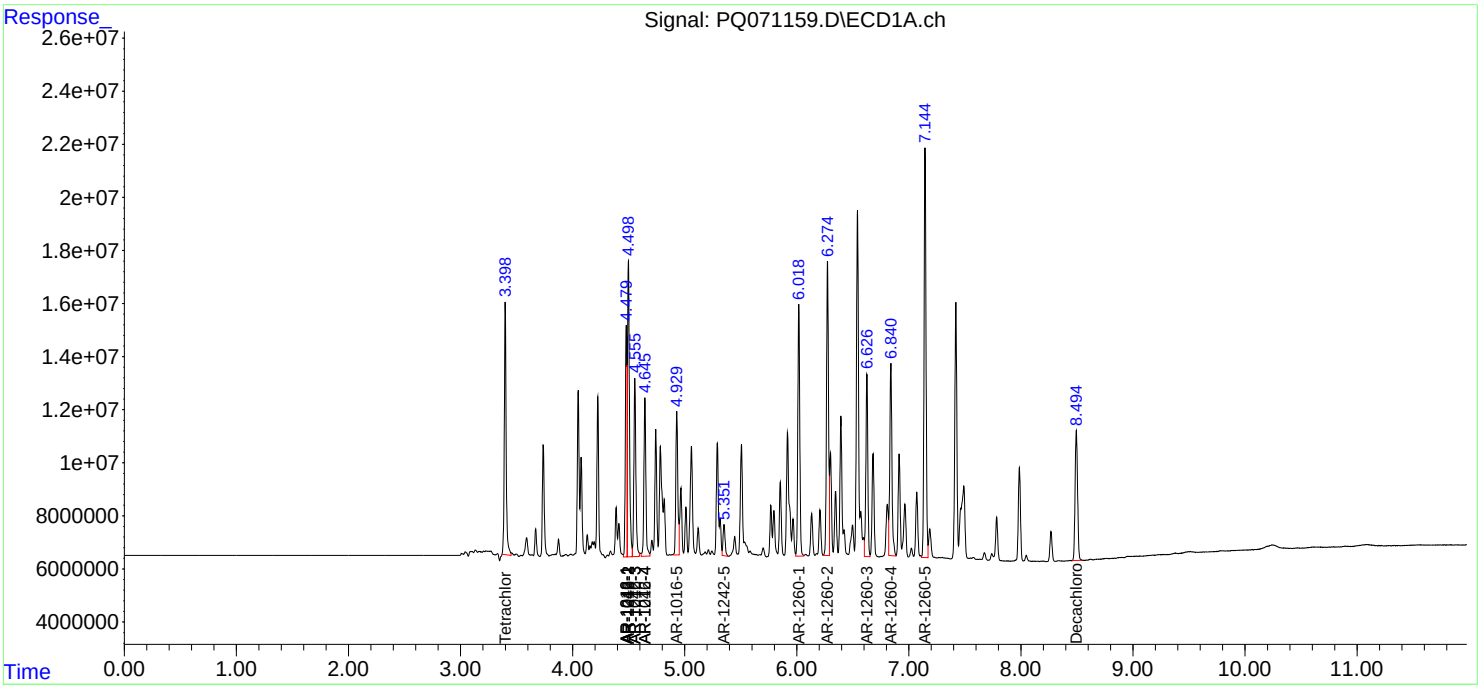
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

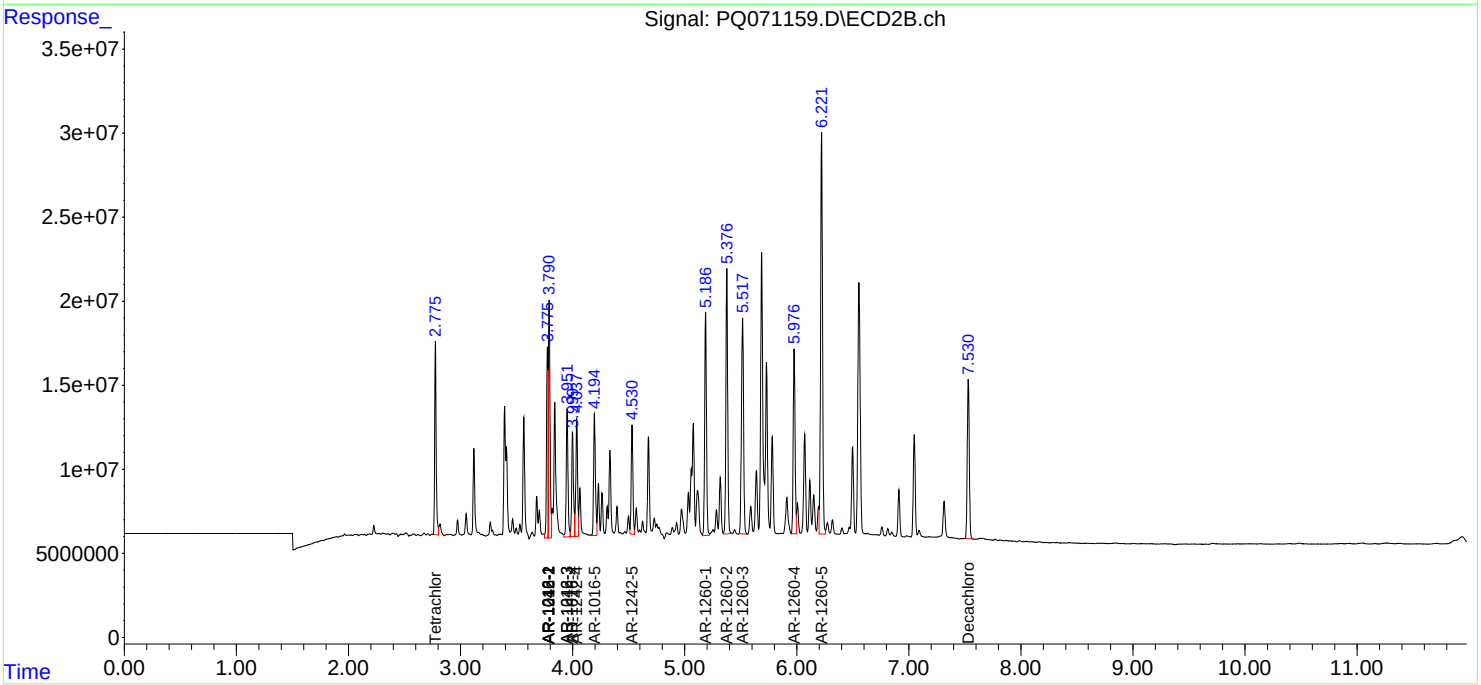
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 11:23
Operator : YP\AJ
Sample : Q3419-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

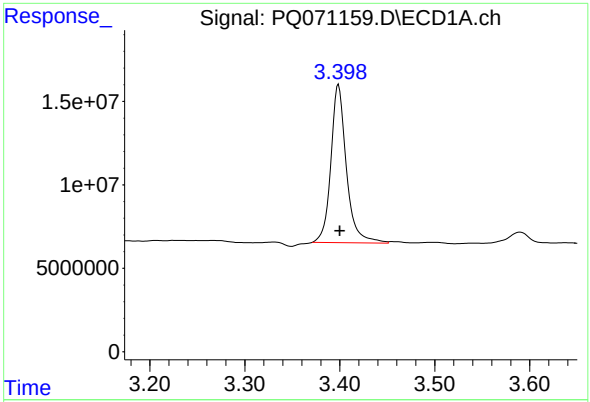
Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:36:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



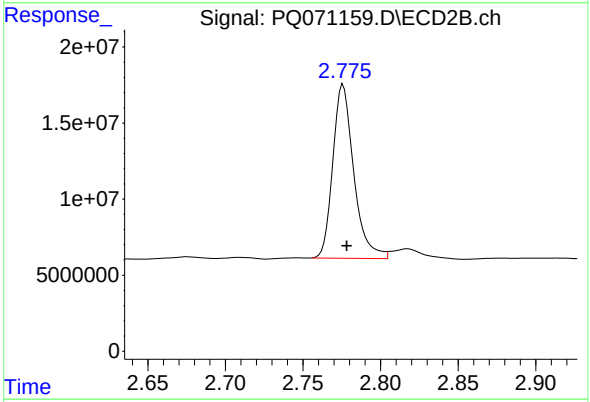




#1 Tetrachloro-m-xylene

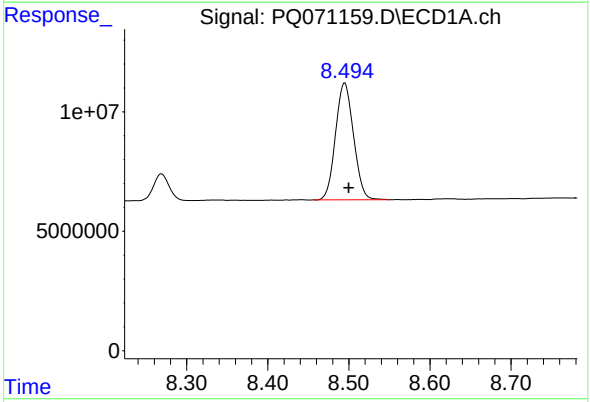
R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 107648083
Conc: 24.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS



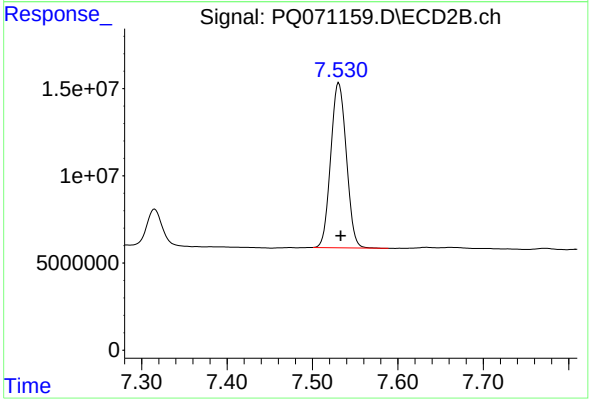
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 107316826
Conc: 21.13 ng/ml



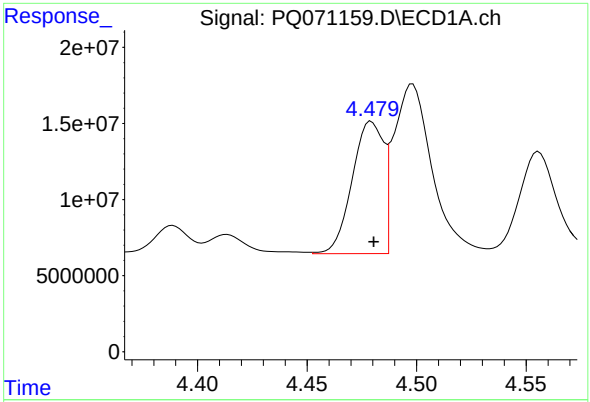
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 75540868
Conc: 26.01 ng/ml



#2 Decachlorobiphenyl

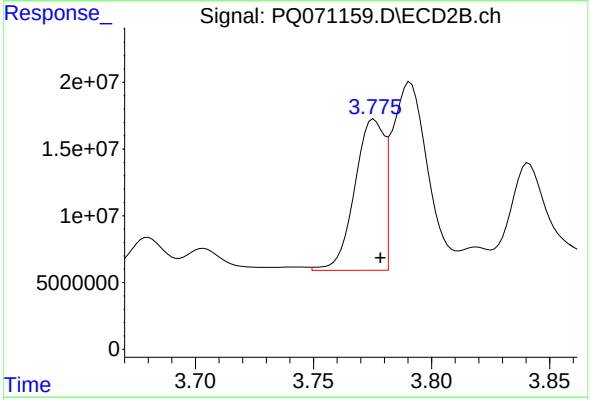
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 120310643
Conc: 23.83 ng/ml



#3 AR-1016-1

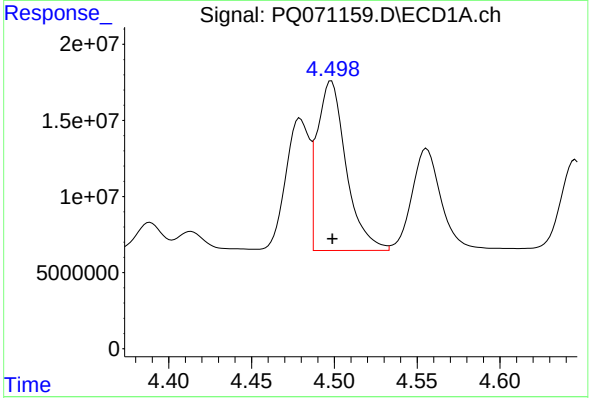
R.T.: 4.479 min
Delta R.T.: -0.001 min
Response: 86699060
Conc: 528.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS



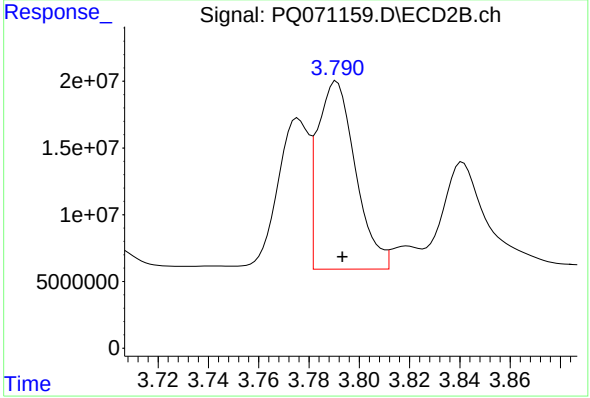
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 97865327
Conc: 436.89 ng/ml



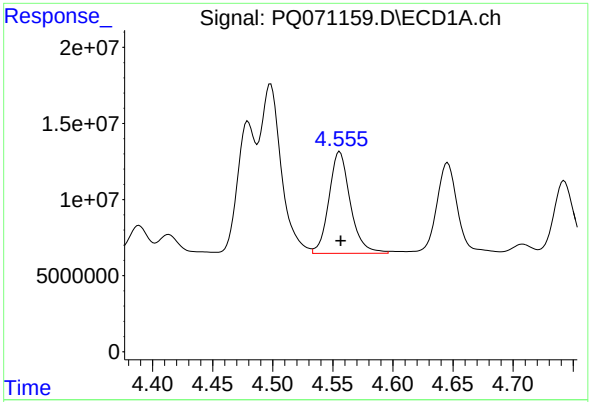
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 135386159
Conc: 528.24 ng/ml



#4 AR-1016-2

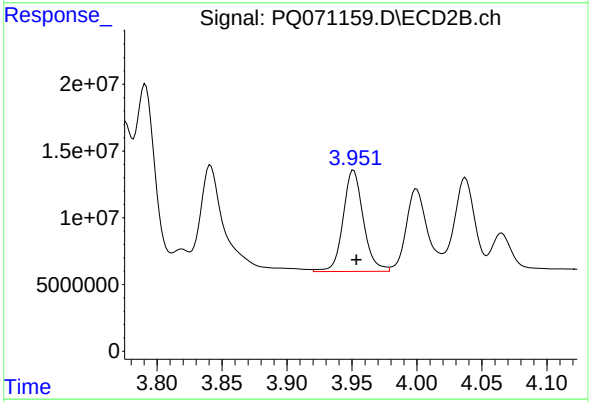
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 147719051
Conc: 434.31 ng/ml



#5 AR-1016-3

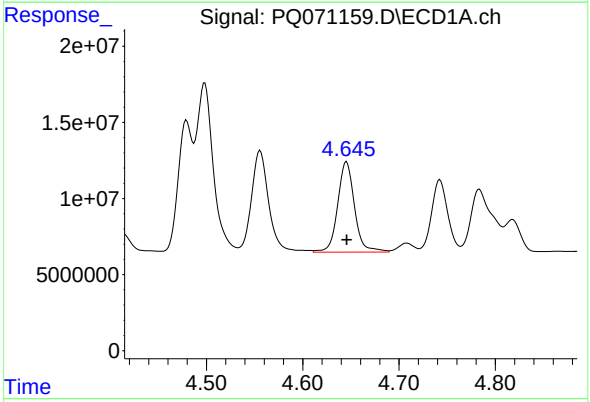
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 82838733
Conc: 520.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS



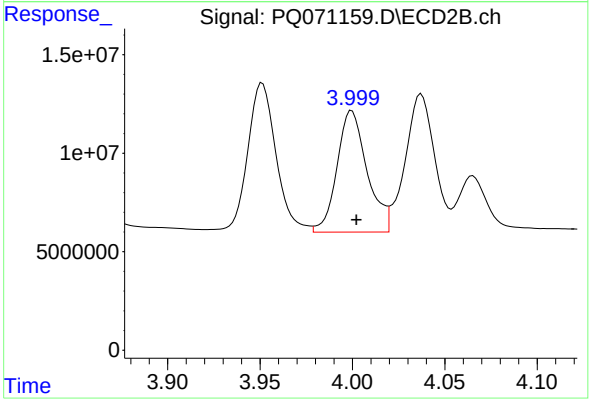
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 82392593
Conc: 453.06 ng/ml



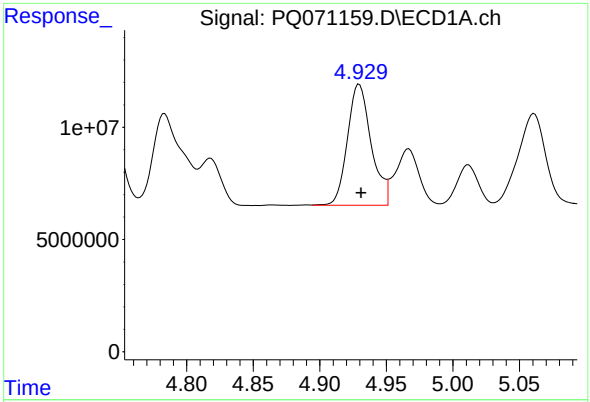
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 72013245
Conc: 554.25 ng/ml



#6 AR-1016-4

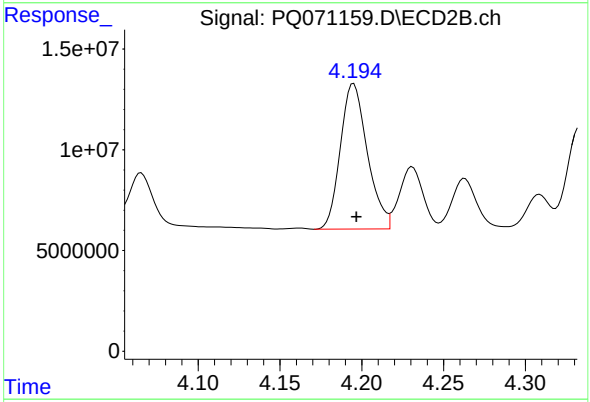
R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 70063867
Conc: 445.10 ng/ml



#7 AR-1016-5

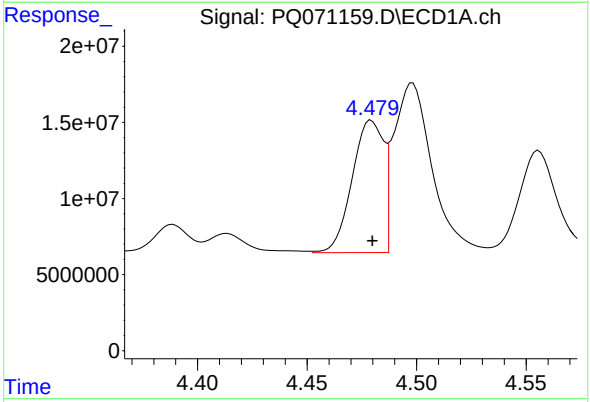
R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 67118066
Conc: 521.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS



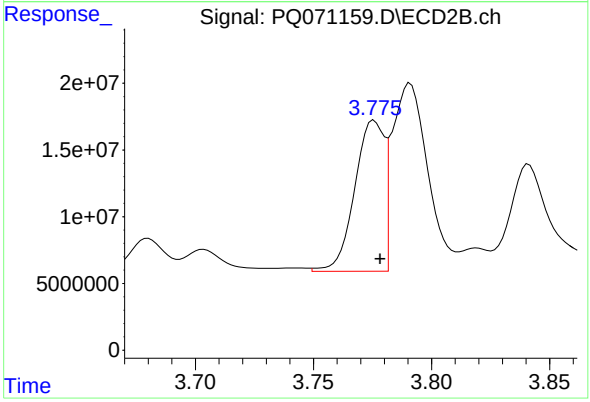
#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 82755884
Conc: 431.38 ng/ml



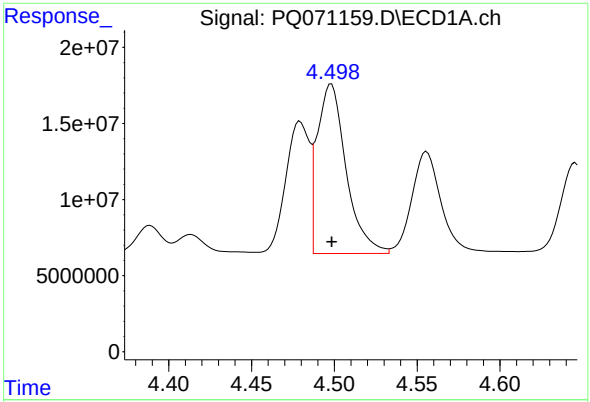
#16 AR-1242-1

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 86699060
Conc: 728.86 ng/ml



#16 AR-1242-1

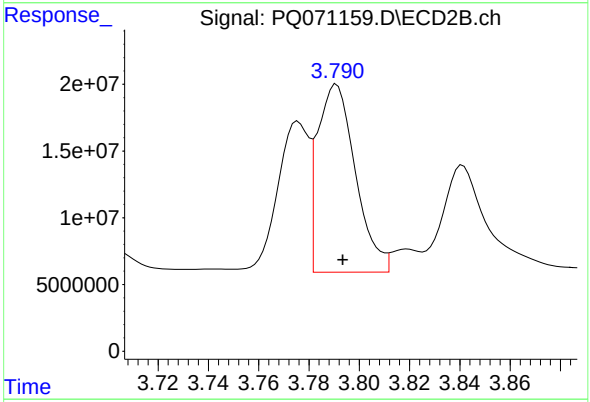
R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 97865327
Conc: 600.91 ng/ml



#17 AR-1242-2

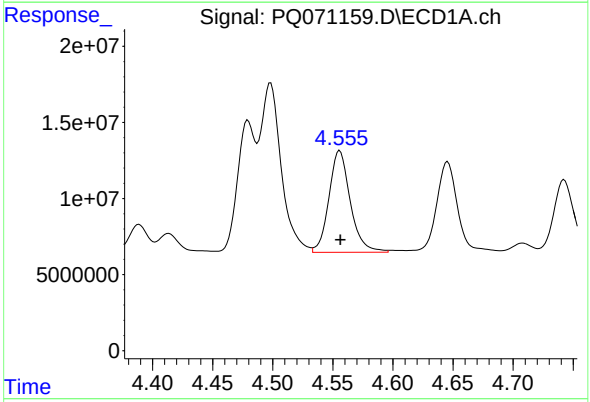
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 135386159
Conc: 709.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS



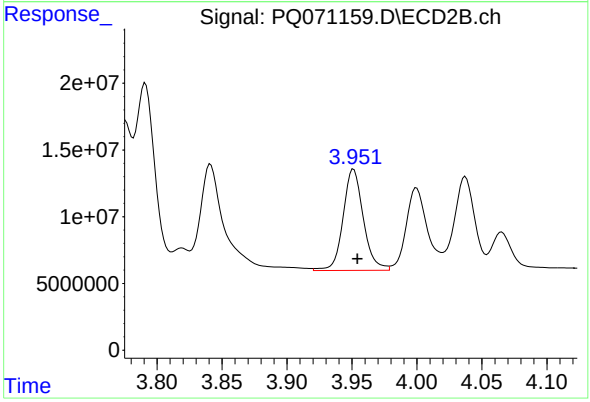
#17 AR-1242-2

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 147719051
Conc: 611.99 ng/ml



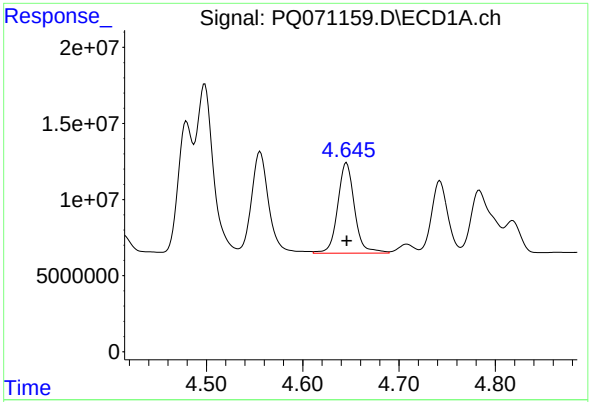
#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 82838733
Conc: 696.73 ng/ml



#18 AR-1242-3

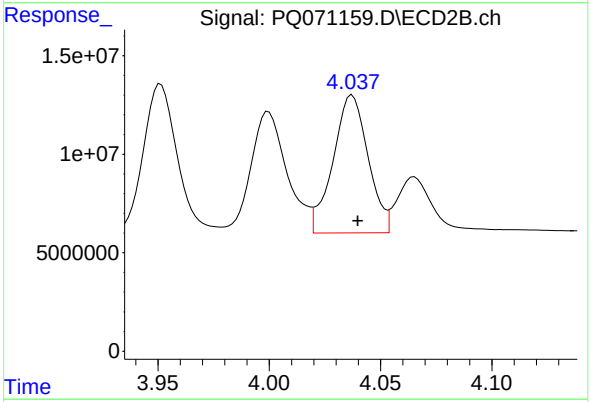
R.T.: 3.951 min
Delta R.T.: -0.003 min
Response: 82392593
Conc: 625.04 ng/ml



#19 AR-1242-4

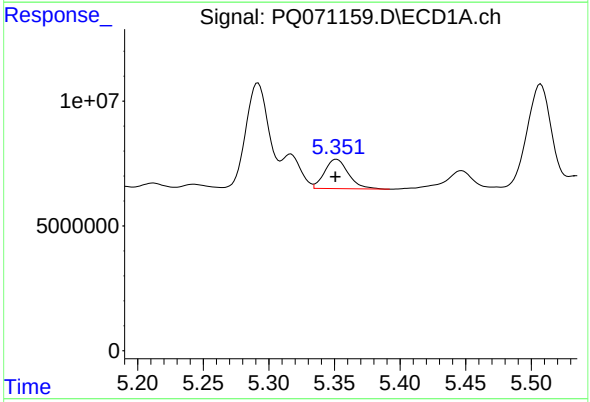
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 72013245
Conc: 723.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS



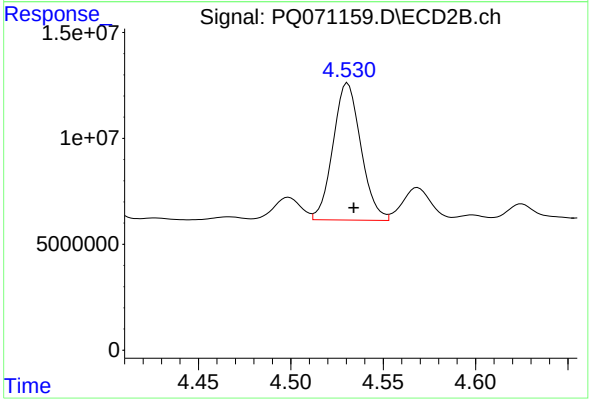
#19 AR-1242-4

R.T.: 4.037 min
Delta R.T.: -0.003 min
Response: 76937169
Conc: 671.53 ng/ml



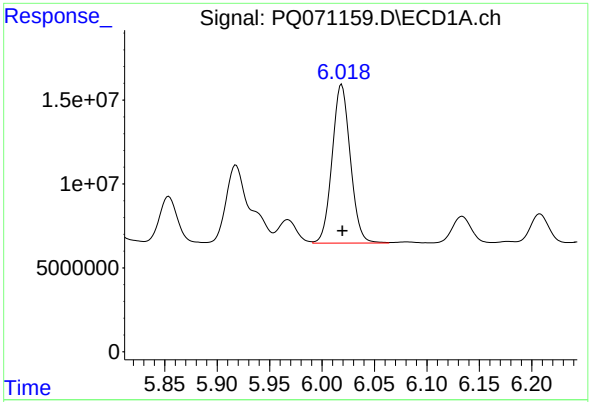
#20 AR-1242-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 14906784
Conc: 189.36 ng/ml



#20 AR-1242-5

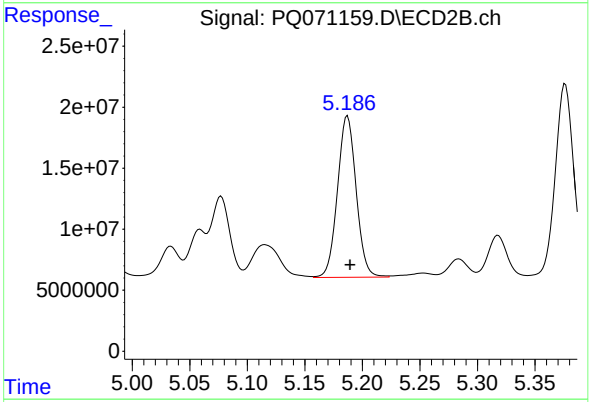
R.T.: 4.531 min
Delta R.T.: -0.003 min
Response: 67889324
Conc: 389.85 ng/ml



#31 AR-1260-1

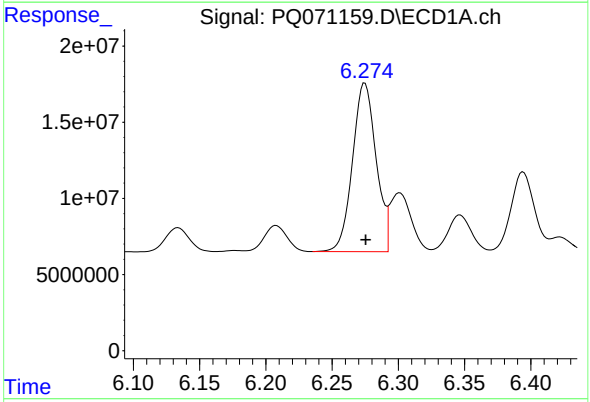
R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 114179841
Conc: 486.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS



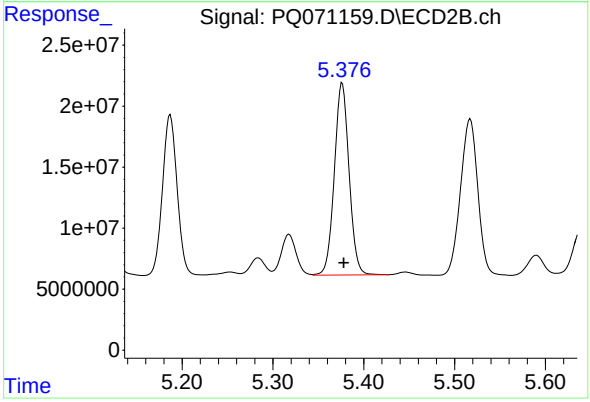
#31 AR-1260-1

R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 149942555
Conc: 416.04 ng/ml



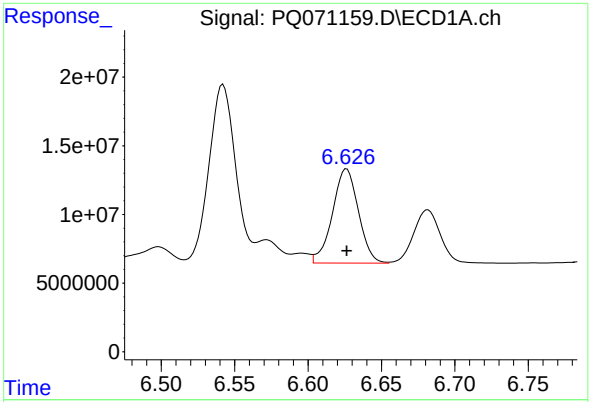
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 137060013
Conc: 495.50 ng/ml



#32 AR-1260-2

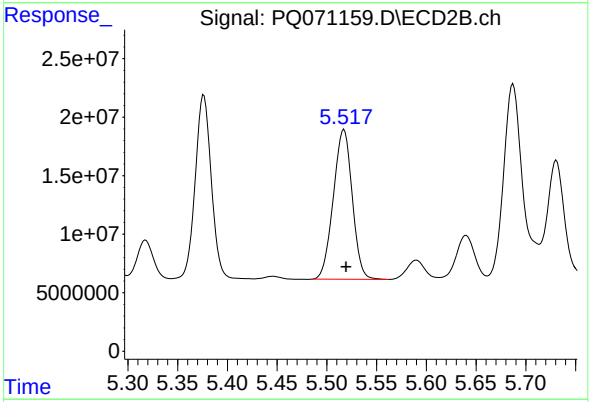
R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 177509791
Conc: 403.44 ng/ml



#33 AR-1260-3

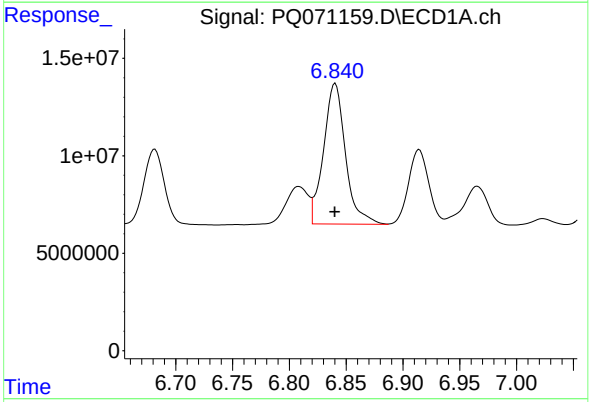
R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 84510653
Conc: 424.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS



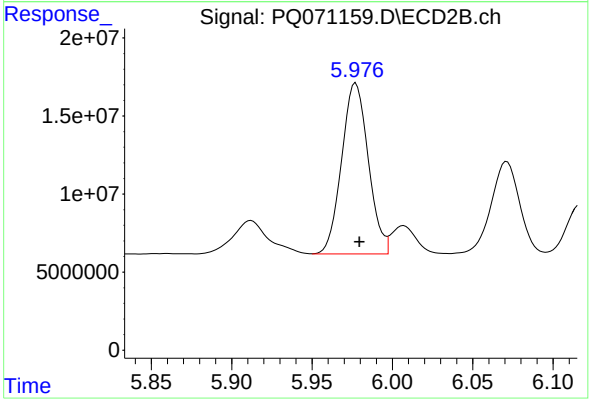
#33 AR-1260-3

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 168979052
Conc: 407.18 ng/ml



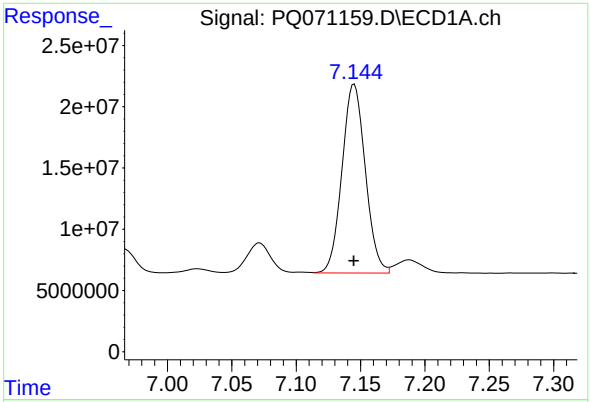
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 96900919
Conc: 450.95 ng/ml



#34 AR-1260-4

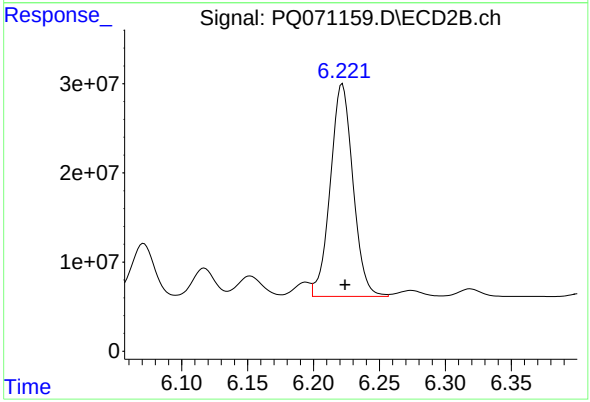
R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 126501356
Conc: 351.62 ng/ml



#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 194243711
Conc: 447.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MS



#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 285184767
Conc: 339.39 ng/ml

Raw Data: **PQ071160.D**

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

Report of Analysis

Client:	AECOM	Date Collected:	10/21/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR-132-S16-015094-20251021MSD	SDG No.:	Q3419
Lab Sample ID:	Q3419-03MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	54.4
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/23/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	324		1	7.20	31.2	ug/kg	10/27/25 11:37	PB170234
11104-28-2	Aroclor-1221	31.2	U	1	7.40	31.2	ug/kg	10/27/25 11:37	PB170234
11141-16-5	Aroclor-1232	31.2	U	1	6.80	31.2	ug/kg	10/27/25 11:37	PB170234
53469-21-9	Aroclor-1242	373		1	7.40	31.2	ug/kg	10/27/25 11:37	PB170234
12672-29-6	Aroclor-1248	31.2	U	1	10.9	31.2	ug/kg	10/27/25 11:37	PB170234
11097-69-1	Aroclor-1254	31.2	U	1	5.90	31.2	ug/kg	10/27/25 11:37	PB170234
37324-23-5	Aroclor-1262	31.2	U	1	9.20	31.2	ug/kg	10/27/25 11:37	PB170234
11100-14-4	Aroclor-1268	31.2	U	1	6.60	31.2	ug/kg	10/27/25 11:37	PB170234
11096-82-5	Aroclor-1260	281		1	5.90	31.2	ug/kg	10/27/25 11:37	PB170234
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.8			32 - 144	124%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.9			32 - 175	129%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071160.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 11:37
Operator : YP\AJ
Sample : Q3419-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.399	2.776	107.8E6	107.7E6	24.774	21.200	
2)	SA Decachlor...	8.495	7.531	75159632	119.5E6	25.882	23.662	
	Target Compounds							
3)	L1 AR-1016-1	4.479	3.775	86118430	98912318	524.652	441.569	
4)	L1 AR-1016-2	4.498	3.791	136.8E6	146.8E6	533.788	431.747	
5)	L1 AR-1016-3	4.555	3.951	82755564	83300667	520.088	458.051	
6)	L1 AR-1016-4	4.645	4.000	71534116	70691013	550.562	449.081	
7)	L1 AR-1016-5	4.930	4.195	66920778	83266936	519.560	434.039	
16)	L4 AR-1242-1	4.479	3.775	86118430	98912318	723.976	607.336	
17)	L4 AR-1242-2	4.498	3.791	136.8E6	146.8E6	717.344	608.377	
18)	L4 AR-1242-3	4.555	3.951	82755564	83300667	696.032	631.925	
19)	L4 AR-1242-4	4.645	4.037	71534116	77448284	718.533	675.994	
20)	L4 AR-1242-5	5.352	4.530	14949710	68115955	189.905	391.156	#
31)	L7 AR-1260-1	6.019	5.188	113.9E6	148.9E6	485.701	413.017	
32)	L7 AR-1260-2	6.275	5.376	136.7E6	177.1E6	494.342	402.438	
33)	L7 AR-1260-3	6.626	5.517	84310248	169.3E6	423.014	407.955	
34)	L7 AR-1260-4	6.839	5.977	96962252	126.0E6	451.232	350.197	
35)	L7 AR-1260-5	7.145	6.221	193.7E6	283.8E6	446.595	337.775	

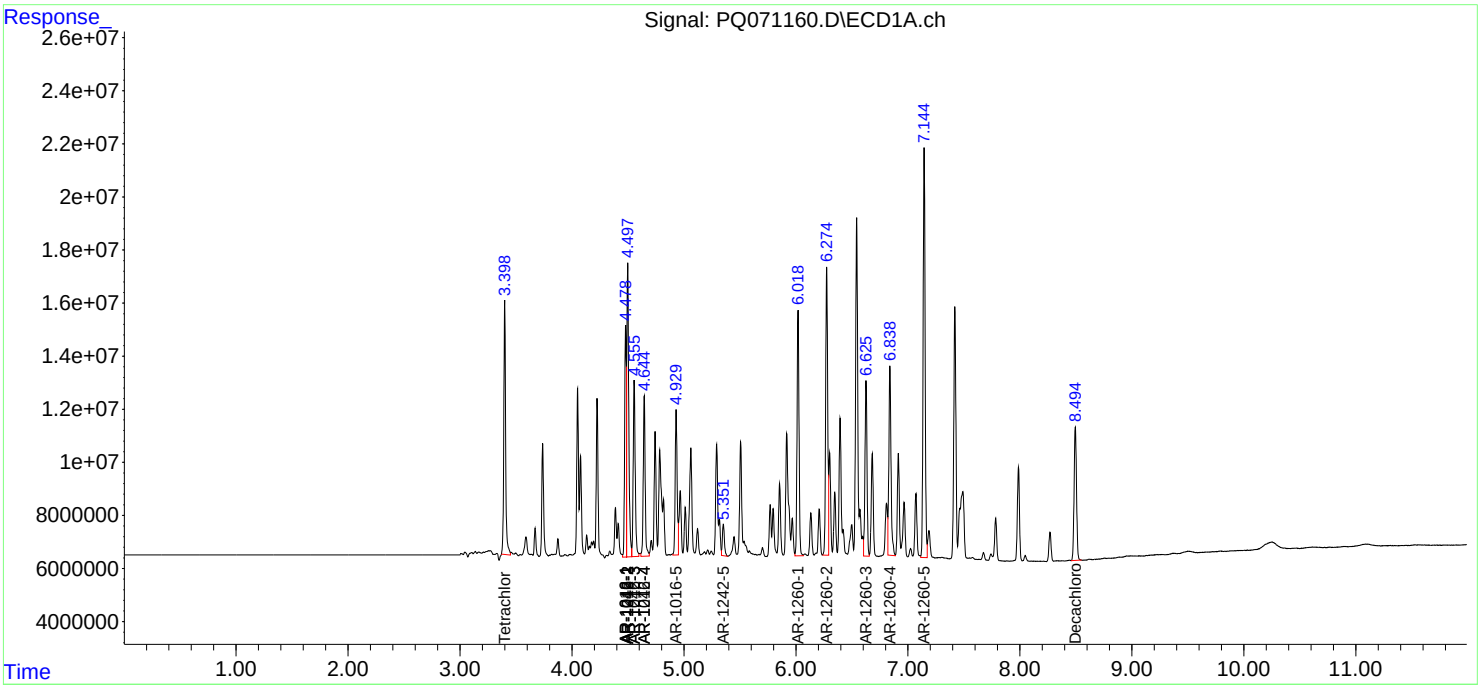
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

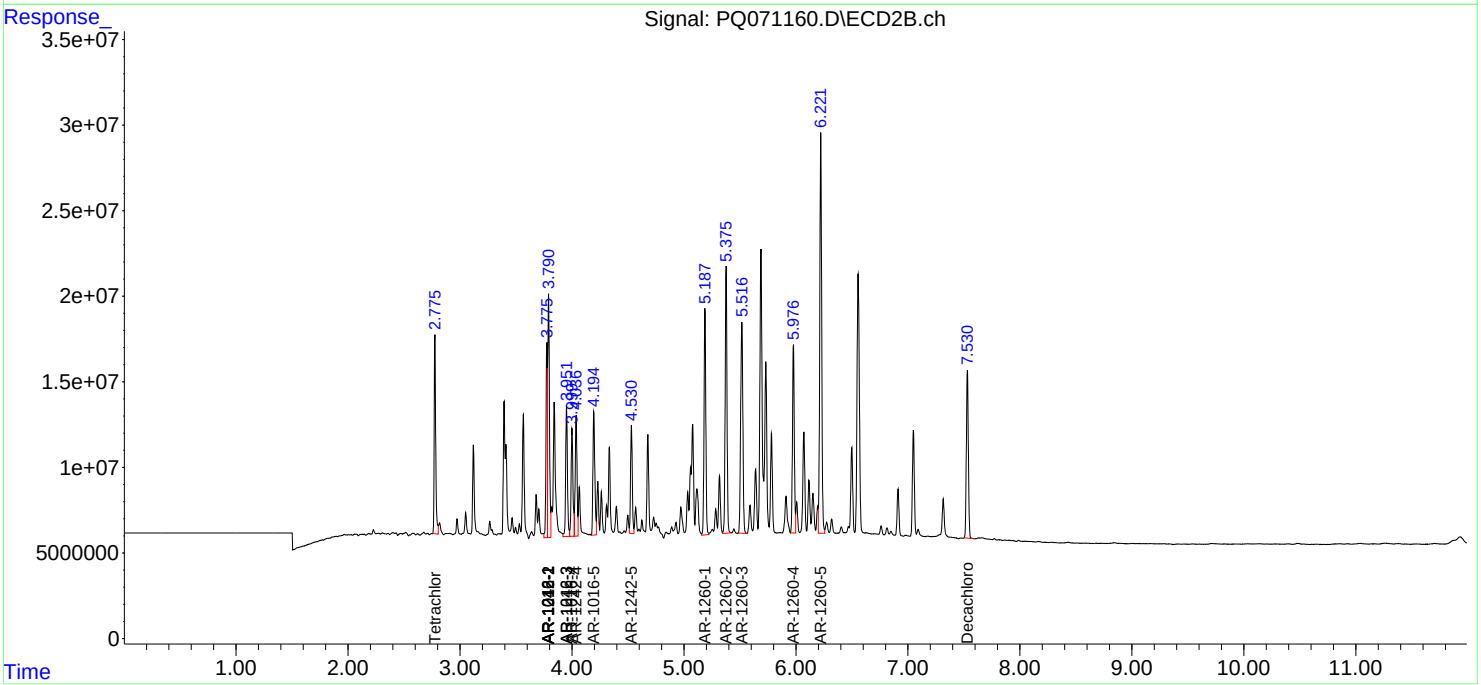
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071160.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 11:37
Operator : YP\AJ
Sample : Q3419-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

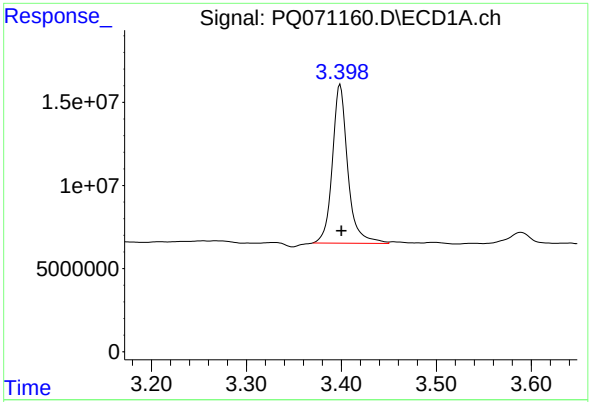
Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



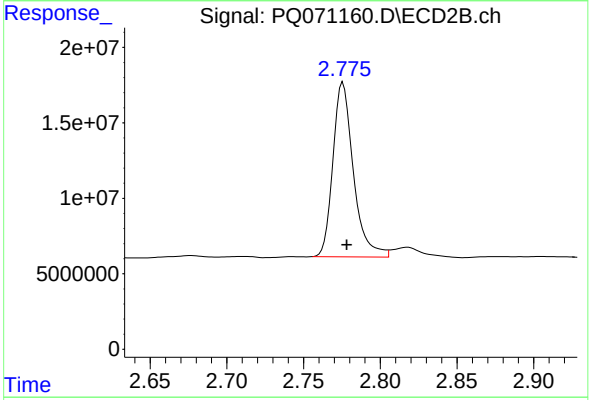




#1 Tetrachloro-m-xylene

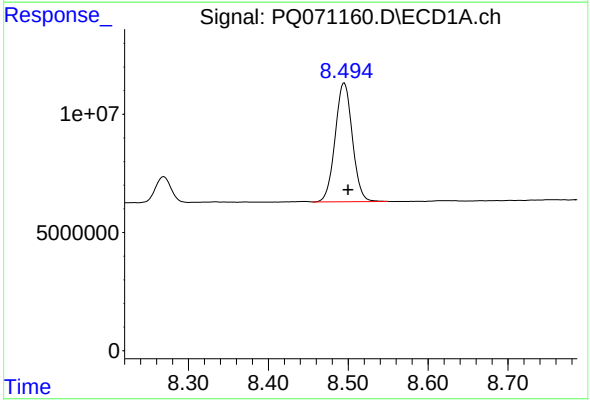
R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 107774123
Conc: 24.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD



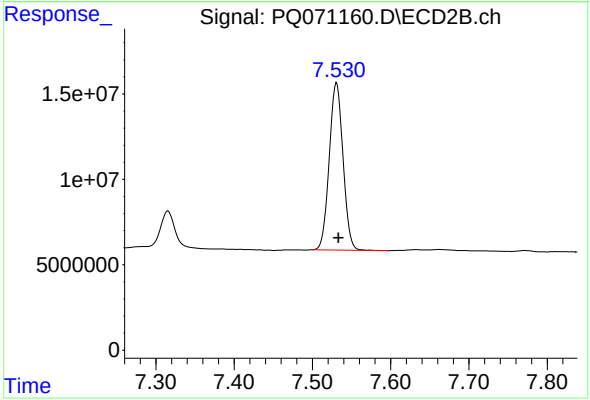
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.003 min
Response: 107697996
Conc: 21.20 ng/ml



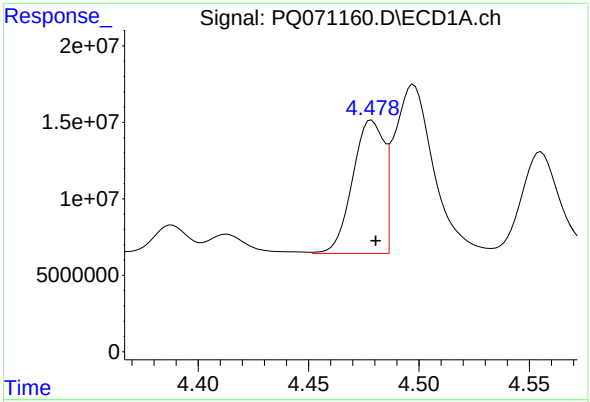
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 75159632
Conc: 25.88 ng/ml



#2 Decachlorobiphenyl

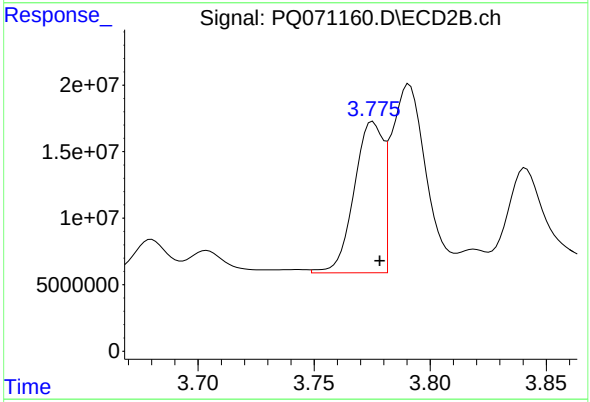
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 119480376
Conc: 23.66 ng/ml



#3 AR-1016-1

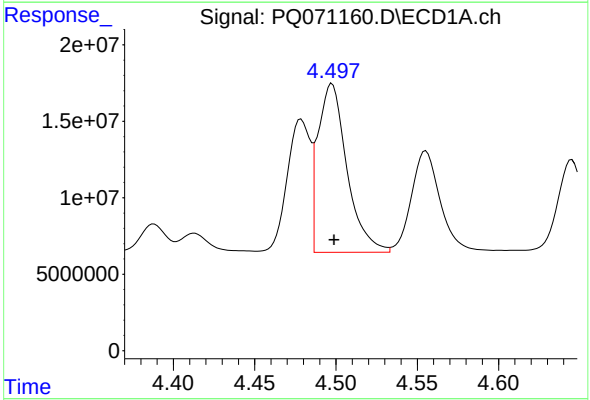
R.T.: 4.479 min
Delta R.T.: -0.002 min
Response: 86118430
Conc: 524.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD



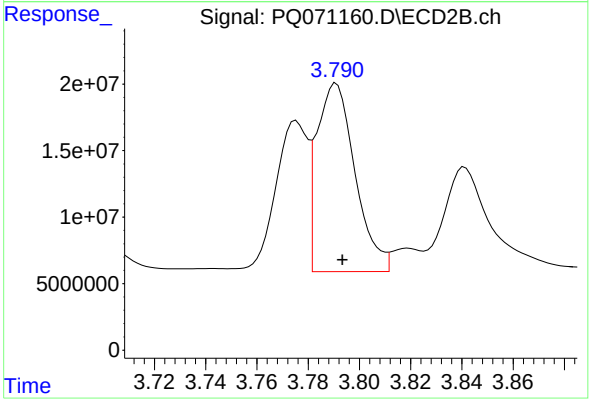
#3 AR-1016-1

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 98912318
Conc: 441.57 ng/ml



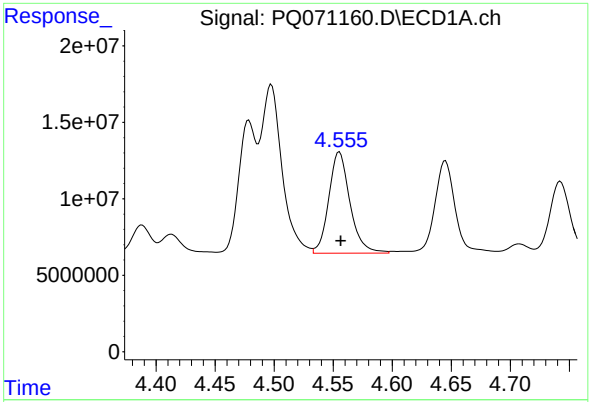
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 136806748
Conc: 533.79 ng/ml



#4 AR-1016-2

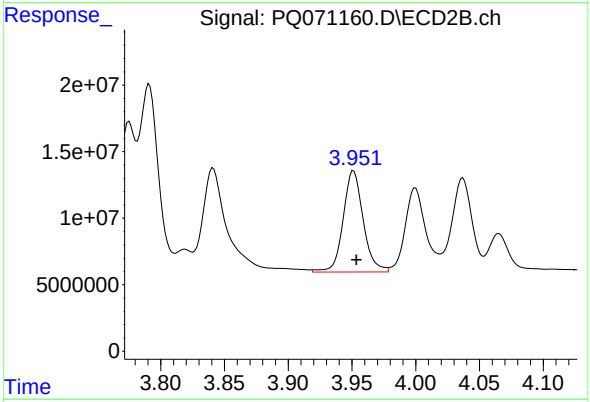
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 146847059
Conc: 431.75 ng/ml



#5 AR-1016-3

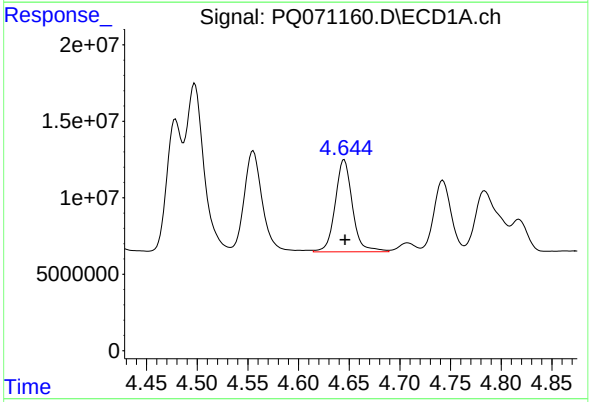
R.T.: 4.555 min
Delta R.T.: -0.001 min
Response: 82755564
Conc: 520.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD



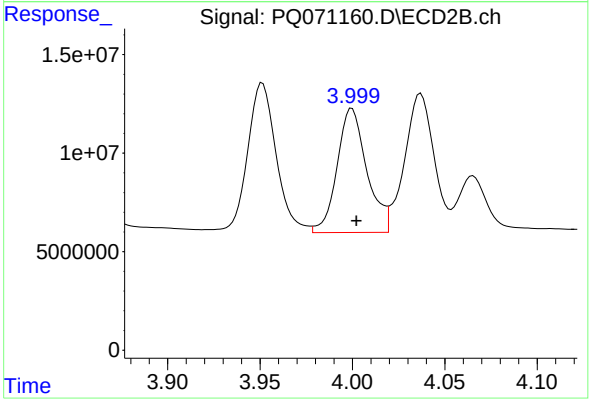
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 83300667
Conc: 458.05 ng/ml



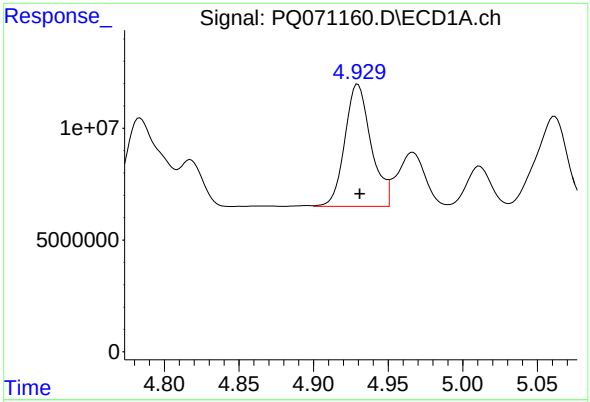
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 71534116
Conc: 550.56 ng/ml



#6 AR-1016-4

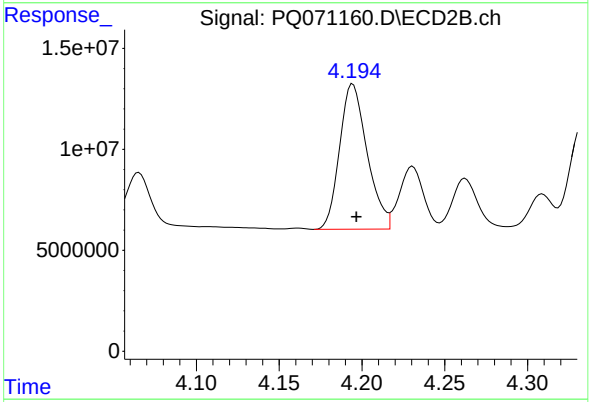
R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 70691013
Conc: 449.08 ng/ml



#7 AR-1016-5

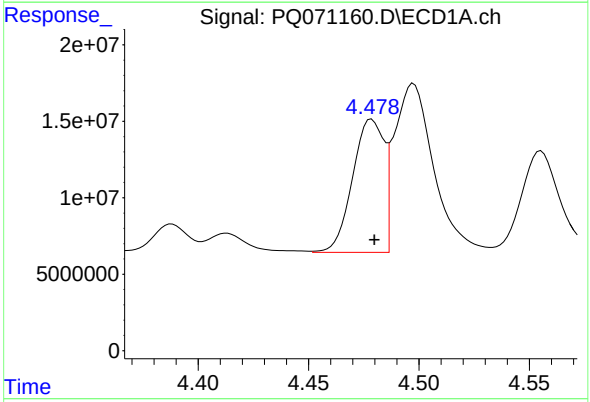
R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 66920778
Conc: 519.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD



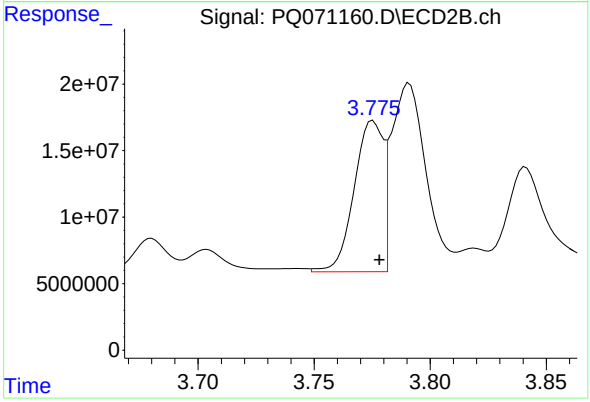
#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 83266936
Conc: 434.04 ng/ml



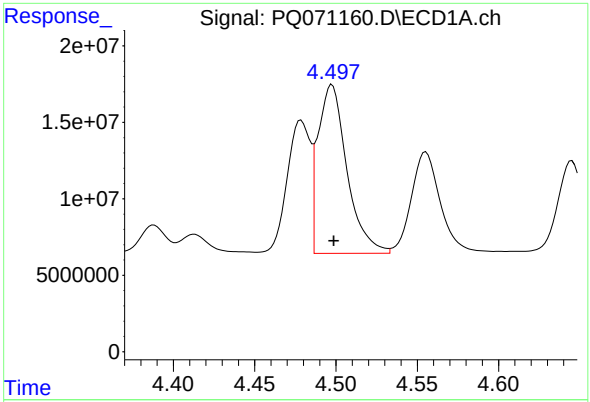
#16 AR-1242-1

R.T.: 4.479 min
Delta R.T.: -0.001 min
Response: 86118430
Conc: 723.98 ng/ml



#16 AR-1242-1

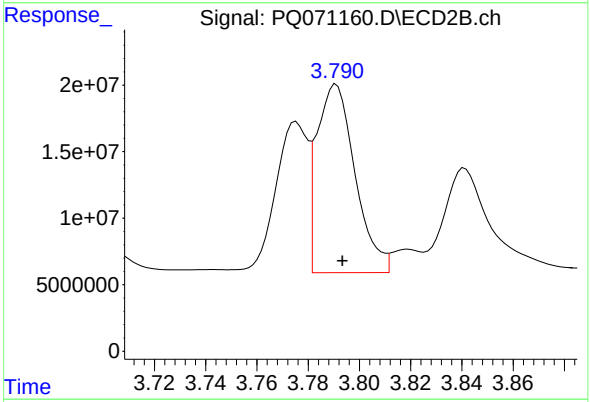
R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 98912318
Conc: 607.34 ng/ml



#17 AR-1242-2

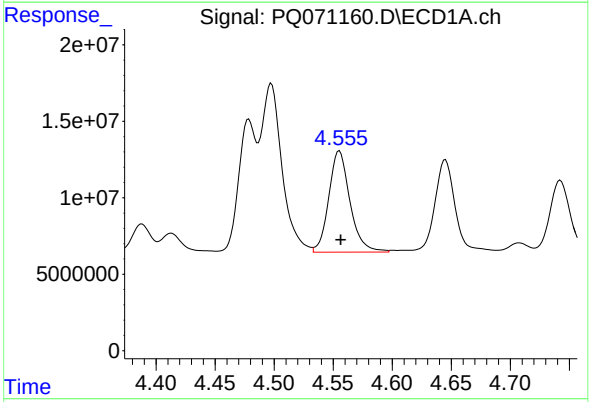
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 136806748
Conc: 717.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD



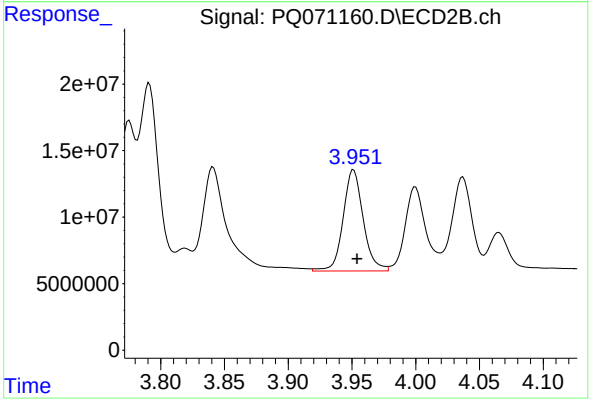
#17 AR-1242-2

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 146847059
Conc: 608.38 ng/ml



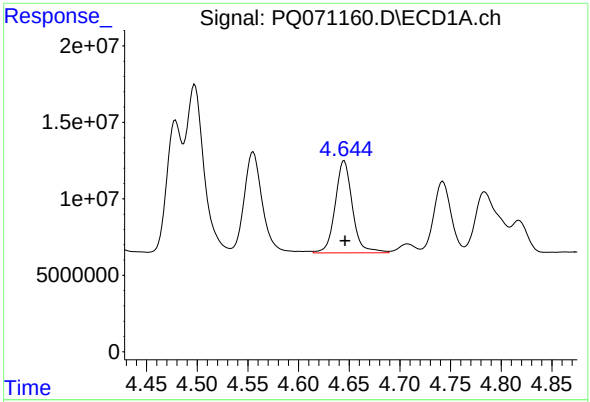
#18 AR-1242-3

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 82755564
Conc: 696.03 ng/ml



#18 AR-1242-3

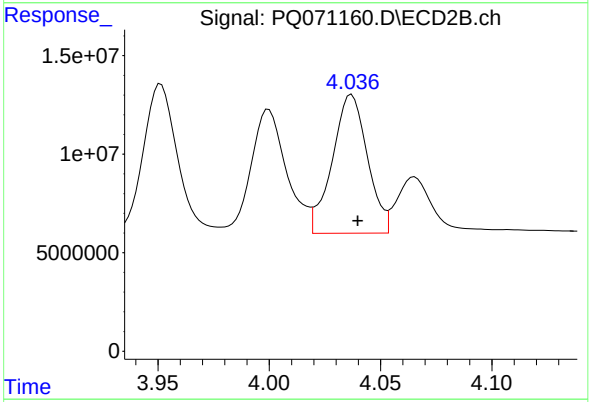
R.T.: 3.951 min
Delta R.T.: -0.003 min
Response: 83300667
Conc: 631.93 ng/ml



#19 AR-1242-4

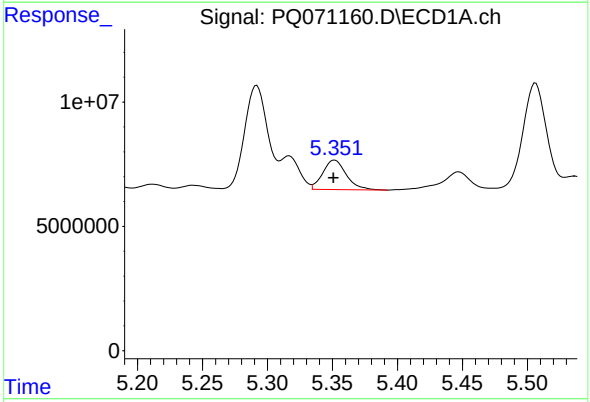
R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 71534116
Conc: 718.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD



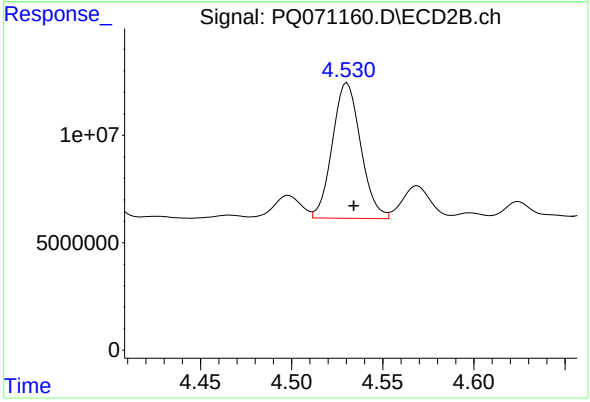
#19 AR-1242-4

R.T.: 4.037 min
Delta R.T.: -0.003 min
Response: 77448284
Conc: 675.99 ng/ml



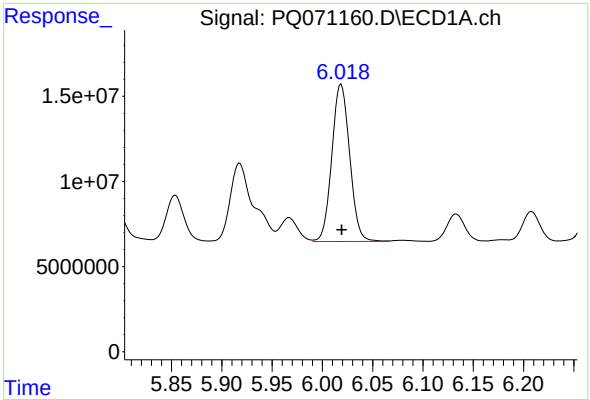
#20 AR-1242-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 14949710
Conc: 189.91 ng/ml



#20 AR-1242-5

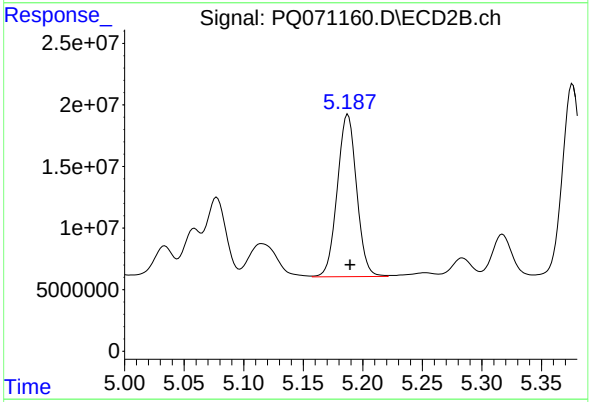
R.T.: 4.530 min
Delta R.T.: -0.004 min
Response: 68115955
Conc: 391.16 ng/ml



#31 AR-1260-1

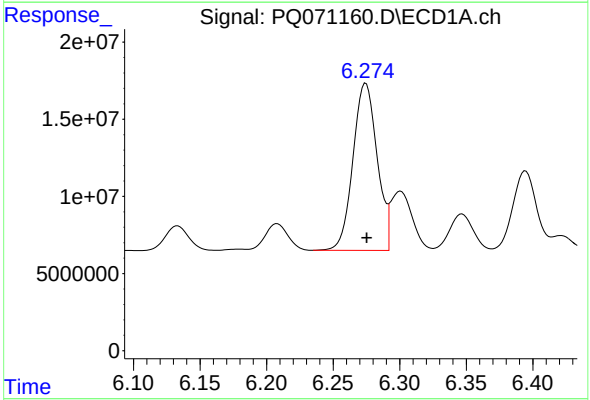
R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 113882896
Conc: 485.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD



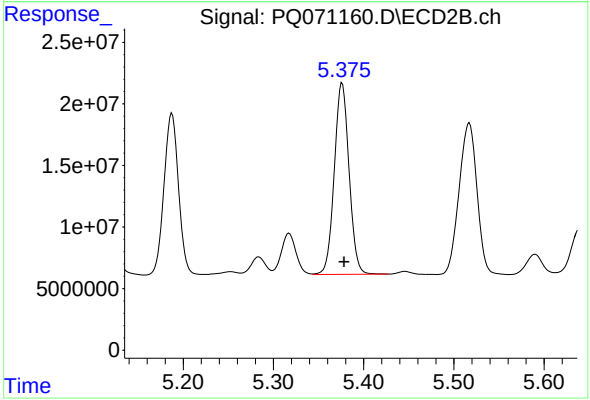
#31 AR-1260-1

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 148853666
Conc: 413.02 ng/ml



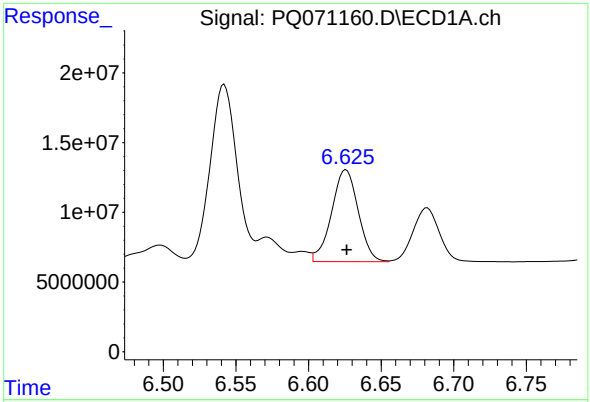
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 136739538
Conc: 494.34 ng/ml



#32 AR-1260-2

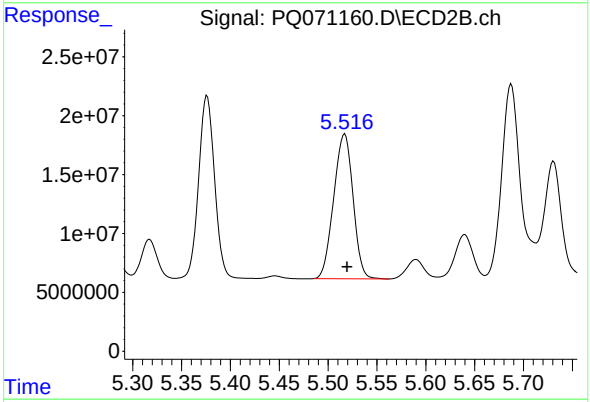
R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 177070207
Conc: 402.44 ng/ml



#33 AR-1260-3

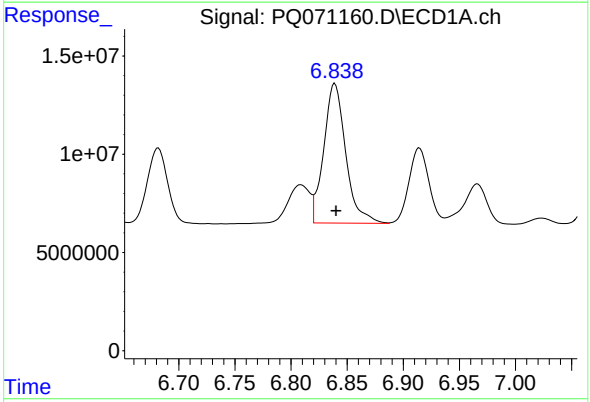
R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 84310248
Conc: 423.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD



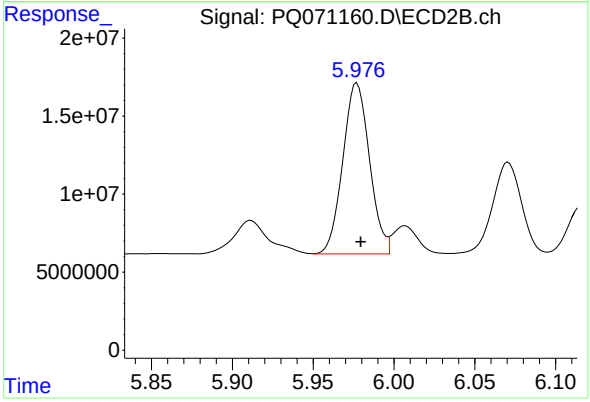
#33 AR-1260-3

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 169300962
Conc: 407.95 ng/ml



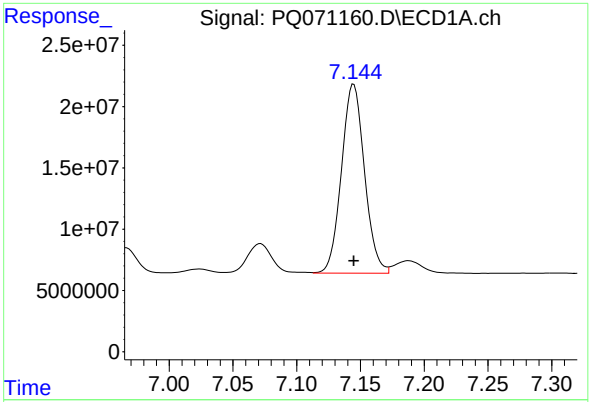
#34 AR-1260-4

R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 96962252
Conc: 451.23 ng/ml



#34 AR-1260-4

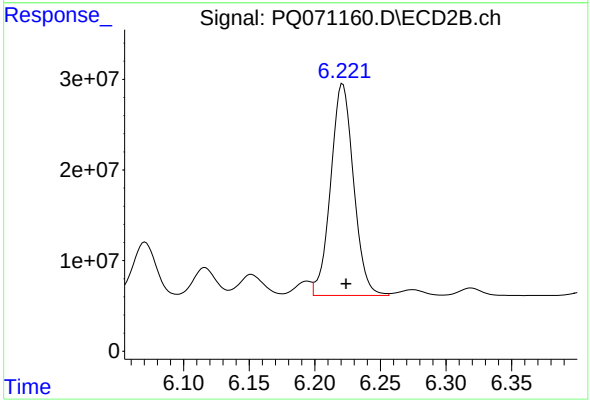
R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 125987692
Conc: 350.20 ng/ml



#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 193722762
Conc: 446.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PR-132-S16-015094-20251021MSD



#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 283826217
Conc: 337.77 ng/ml

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

Manual Integration Report

Sequence:	po100925	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO114317.D	AR-1260-2	yogesh	10/10/2025 7:45:12 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1242ICC050	PO114324.D	AR-1242-5	yogesh	10/10/2025 7:45:14 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1248ICC250	PO114328.D	AR-1248-5	yogesh	10/10/2025 7:45:16 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1248ICC050	PO114329.D	AR-1248-1	yogesh	10/10/2025 7:45:17 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1248ICC050	PO114329.D	AR-1248-5	yogesh	10/10/2025 7:45:17 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1268ICC250	PO114339.D	AR-1268-1	yogesh	10/10/2025 7:45:22 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1268ICC050	PO114340.D	AR-1268-4	yogesh	10/10/2025 7:45:21 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PO102425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO114653.D	Tetrachloro-m-xylene	yogesh	10/24/2025 4:12:05 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	AR-1242-1	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	AR-1242-2	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	AR-1242-3	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	AR-1242-5 #2	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	AR-1254-1 #2	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	AR-1254-2 #2	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	AR-1254-3	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	AR-1254-3 #2	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	AR-1254-4	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	AR-1254-4 #2	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	Tetrachloro-m-xylene	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
Q3419-05	PO114663.D	Tetrachloro-m-xylene #2	yogesh	10/24/2025 4:12:06 PM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PO102425	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO114667.D	AR-1260-4 #2	yogesh	10/27/2025 8:18:31 AM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software
AR1242CCC500	PO114668.D	AR-1242-1	yogesh	10/27/2025 8:18:33 AM	mohammad	10/28/2025 6:10:25	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP075887.D	Decachlorobiphenyl	yogesh	10/22/2025 12:24:41 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-5 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1232ICC500	PP075894.D	AR-1232-4 #2	yogesh	10/22/2025 12:24:44 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC1000	PP075895.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:45 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC750	PP075896.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:46 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC500	PP075897.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:48 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-5	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP075899.D	AR-1242-5	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC050	PP075899.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC1000	PP075900.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:53 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC750	PP075901.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:55 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC500	PP075902.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:57 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC250	PP075903.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:58 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC1000	PP075905.D	AR-1254-1	yogesh	10/22/2025 12:25:02 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC750	PP075906.D	AR-1254-1	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC750	PP075906.D	AR-1254-5 #2	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC500	PP075907.D	AR-1254-1	yogesh	10/22/2025 12:25:05 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC250	PP075908.D	AR-1254-1	yogesh	10/22/2025 12:25:07 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC050	PP075909.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:09 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	AR-1242-4 #2	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	Decachlorobiphenyl	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICV500	PP075918.D	AR-1248-3 #2	yogesh	10/24/2025 4:12:35 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICV500	PP075919.D	AR-1254-1 #2	yogesh	10/24/2025 4:12:33 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102425	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP076013.D	AR-1242-1 #2	yogesh	10/24/2025 4:09:50 PM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1242CCC500	PP076013.D	AR-1242-2 #2	yogesh	10/24/2025 4:09:50 PM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1242CCC500	PP076013.D	AR-1242-3 #2	yogesh	10/24/2025 4:09:50 PM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1242CCC500	PP076013.D	AR-1242-4 #2	yogesh	10/24/2025 4:09:50 PM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1242CCC500	PP076013.D	AR-1242-5 #2	yogesh	10/24/2025 4:09:50 PM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1248CCC500	PP076014.D	AR-1248-3 #2	yogesh	10/24/2025 4:09:51 PM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1248CCC500	PP076014.D	AR-1248-5 #2	yogesh	10/24/2025 4:09:51 PM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1254CCC500	PP076015.D	AR-1254-1	yogesh	10/24/2025 4:09:57 PM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1242CCC500	PP076028.D	AR-1242-4 #2	yogesh	10/24/2025 4:10:02 PM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1248CCC500	PP076029.D	AR-1248-3 #2	yogesh	10/24/2025 4:10:04 PM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1254CCC500	PP076030.D	AR-1254-1	yogesh	10/27/2025 8:23:51 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1242CCC500	PP076043.D	AR-1242-4 #2	yogesh	10/27/2025 8:24:14 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1248CCC500	PP076044.D	AR-1248-3 #2	yogesh	10/27/2025 8:24:15 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102425	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP076045.D	AR-1254-1	yogesh	10/27/2025 8:24:17 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1254CCC500	PP076045.D	AR-1254-1 #2	yogesh	10/27/2025 8:24:17 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1254CCC500	PP076045.D	Tetrachloro-m-xylene #2	yogesh	10/27/2025 8:24:17 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1242CCC500	PP076058.D	AR-1242-4 #2	yogesh	10/27/2025 8:24:32 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1248CCC500	PP076059.D	AR-1248-3 #2	yogesh	10/27/2025 8:24:34 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1254CCC500	PP076060.D	AR-1254-1	yogesh	10/27/2025 8:24:36 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1254CCC500	PP076060.D	AR-1254-1 #2	yogesh	10/27/2025 8:24:36 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1254CCC500	PP076060.D	AR-1254-2 #2	yogesh	10/27/2025 8:24:36 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1254CCC500	PP076060.D	AR-1254-3 #2	yogesh	10/27/2025 8:24:36 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1254CCC500	PP076060.D	AR-1254-4 #2	yogesh	10/27/2025 8:24:36 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software
AR1254CCC500	PP076060.D	AR-1254-5 #2	yogesh	10/27/2025 8:24:36 AM	mohammad	10/28/2025 6:10:31	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pq101025	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PQ070977.D	AR-1260-1	yogesh	10/13/2025 8:00:35 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1660ICC050	PQ070977.D	AR-1260-2	yogesh	10/13/2025 8:00:35 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-1 #2	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-2 #2	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-3 #2	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-4 #2	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-5	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-5 #2	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1248ICC250	PQ070988.D	AR-1248-4 #2	yogesh	10/13/2025 8:00:39 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1248ICC250	PQ070988.D	AR-1248-5 #2	yogesh	10/13/2025 8:00:39 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
PQ101025ICV	PQ071001.D	AR-1016-1 #2	yogesh	10/13/2025 8:00:41 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
PQ101025ICV	PQ071001.D	AR-1016-2 #2	yogesh	10/13/2025 8:00:41 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
PQ101025ICV	PQ071001.D	AR-1016-3 #2	yogesh	10/13/2025 8:00:41 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pq101025	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PQ101025ICV	PQ071001.D	AR-1016-4 #2	yogesh	10/13/2025 8:00:41 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
PQ101025ICV	PQ071001.D	AR-1016-5 #2	yogesh	10/13/2025 8:00:41 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
PQ101025ICV	PQ071001.D	AR-1260-1	yogesh	10/13/2025 8:00:41 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
PQ101025ICV	PQ071001.D	AR-1260-1 #2	yogesh	10/13/2025 8:00:41 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
PQ101025ICV	PQ071001.D	AR-1260-2	yogesh	10/13/2025 8:00:41 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
PQ101025ICV	PQ071001.D	AR-1260-2 #2	yogesh	10/13/2025 8:00:41 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICV500	PQ071002.D	AR-1242-3 #2	yogesh	10/13/2025 8:00:43 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1248ICV500	PQ071003.D	AR-1248-4	yogesh	10/13/2025 8:00:45 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1248ICV500	PQ071003.D	AR-1248-4 #2	yogesh	10/13/2025 8:00:45 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1248ICV500	PQ071003.D	AR-1248-5	yogesh	10/13/2025 8:00:45 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PQ102725	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3419-01	PQ071158.D	AR-1242-1	yogesh	10/27/2025 1:46:54 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3419-01	PQ071158.D	AR-1242-1 #2	yogesh	10/27/2025 1:46:54 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3419-01	PQ071158.D	AR-1242-2	yogesh	10/27/2025 1:46:54 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3419-01	PQ071158.D	AR-1242-2 #2	yogesh	10/27/2025 1:46:54 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3419-01	PQ071158.D	AR-1242-3	yogesh	10/27/2025 1:46:54 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3419-01	PQ071158.D	AR-1242-3 #2	yogesh	10/27/2025 1:46:54 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3419-01	PQ071158.D	AR-1242-4	yogesh	10/27/2025 1:46:54 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3419-01	PQ071158.D	AR-1242-4 #2	yogesh	10/27/2025 1:46:54 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1660CCC500	PQ071176.D	AR-1016-3	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1660CCC500	PQ071176.D	AR-1016-4	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1660CCC500	PQ071176.D	AR-1260-1	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1660CCC500	PQ071176.D	AR-1260-3	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1660CCC500	PQ071176.D	AR-1260-4	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PQ102725	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071176.D	AR-1260-5	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	AR-1254-1	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	AR-1254-2	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	AR-1254-3	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	AR-1254-4	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	AR-1254-5	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	Decachlorobiphenyl	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software

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 # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM		
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM		
SubDirectory	PO100925	HP Acquire Method		HP Processing Method	PO100925

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	PO114311.D	09 Oct 2025 13:37	YP/AJ	Ok
2	I.BLK	PO114312.D	09 Oct 2025 13:55	YP/AJ	Ok
3	AR1660ICC1000	PO114313.D	09 Oct 2025 14:14	YP/AJ	Ok
4	AR1660ICC750	PO114314.D	09 Oct 2025 14:32	YP/AJ	Ok
5	AR1660ICC500	PO114315.D	09 Oct 2025 14:50	YP/AJ	Ok
6	AR1660ICC250	PO114316.D	09 Oct 2025 15:09	YP/AJ	Ok
7	AR1660ICC050	PO114317.D	09 Oct 2025 15:27	YP/AJ	Ok,M
8	AR1221ICC500	PO114318.D	09 Oct 2025 15:45	YP/AJ	Ok
9	AR1232ICC500	PO114319.D	09 Oct 2025 16:04	YP/AJ	Ok
10	AR1242ICC1000	PO114320.D	09 Oct 2025 16:22	YP/AJ	Ok
11	AR1242ICC750	PO114321.D	09 Oct 2025 16:40	YP/AJ	Ok
12	AR1242ICC500	PO114322.D	09 Oct 2025 16:59	YP/AJ	Ok
13	AR1242ICC250	PO114323.D	09 Oct 2025 17:17	YP/AJ	Ok
14	AR1242ICC050	PO114324.D	09 Oct 2025 17:35	YP/AJ	Ok,M
15	AR1248ICC1000	PO114325.D	09 Oct 2025 17:54	YP/AJ	Ok
16	AR1248ICC750	PO114326.D	09 Oct 2025 18:12	YP/AJ	Ok
17	AR1248ICC500	PO114327.D	09 Oct 2025 18:30	YP/AJ	Ok
18	AR1248ICC250	PO114328.D	09 Oct 2025 18:49	YP/AJ	Ok,M
19	AR1248ICC050	PO114329.D	09 Oct 2025 19:07	YP/AJ	Ok,M
20	AR1254ICC1000	PO114330.D	09 Oct 2025 19:26	YP/AJ	Ok
21	AR1254ICC750	PO114331.D	09 Oct 2025 19:44	YP/AJ	Ok

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 # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM		
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM		
SubDirectory	PO100925	HP Acquire Method		HP Processing Method	PO100925

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	PO114332.D	09 Oct 2025 20:02	YP/AJ	Ok
23	AR1254ICC250	PO114333.D	09 Oct 2025 20:21	YP/AJ	Ok
24	AR1254ICC050	PO114334.D	09 Oct 2025 20:39	YP/AJ	Ok
25	AR1262ICC500	PO114335.D	09 Oct 2025 20:57	YP/AJ	Ok
26	AR1268ICC1000	PO114336.D	09 Oct 2025 21:16	YP/AJ	Ok
27	AR1268ICC750	PO114337.D	09 Oct 2025 21:34	YP/AJ	Ok
28	AR1268ICC500	PO114338.D	09 Oct 2025 21:52	YP/AJ	Ok
29	AR1268ICC250	PO114339.D	09 Oct 2025 22:11	YP/AJ	Ok,M
30	AR1268ICC050	PO114340.D	09 Oct 2025 22:29	YP/AJ	Ok,M
31	PO100925ICV500	PO114341.D	09 Oct 2025 22:47	YP/AJ	Ok
32	AR1242ICV500	PO114342.D	09 Oct 2025 23:24	YP/AJ	Ok
33	AR1248ICV500	PO114343.D	10 Oct 2025 00:01	YP/AJ	Ok
34	AR1254ICV500	PO114344.D	10 Oct 2025 00:38	YP/AJ	Ok
35	AR1268ICV500	PO114345.D	10 Oct 2025 01:14	YP/AJ	Ok
36	DDT ANALOG	PO114346.D	10 Oct 2025 01:51	YP/AJ	Ok

M : Manual Integration

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 # PO102425

Review By	yogesh	Review On	10/24/2025 11:08:58 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:25 AM		
SubDirectory	PO102425	HP Acquire Method		HP Processing Method	PO100925

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	PO114651.D	24 Oct 2025 08:45	YP/AJ	Ok
2	AR1660CCC500	PO114652.D	24 Oct 2025 09:03	YP/AJ	Ok
3	AR1242CCC500	PO114653.D	24 Oct 2025 09:29	YP/AJ	Ok,M
4	AR1248CCC500	PO114654.D	24 Oct 2025 09:47	YP/AJ	Ok
5	AR1254CCC500	PO114655.D	24 Oct 2025 10:05	YP/AJ	Ok
6	I.BLK	PO114656.D	24 Oct 2025 10:24	YP/AJ	Ok
7	Q3437-14	PO114657.D	24 Oct 2025 10:42	YP/AJ	Dilution
8	Q3437-16	PO114658.D	24 Oct 2025 11:00	YP/AJ	Not Ok
9	Q3419-01	PO114659.D	24 Oct 2025 11:19	YP/AJ	Not Ok
10	Q3437-14DL	PO114660.D	24 Oct 2025 11:37	YP/AJ	Ok
11	Q3419-03MSD	PO114661.D	24 Oct 2025 11:55	YP/AJ	Not Ok
12	Q3419-04	PO114662.D	24 Oct 2025 12:14	YP/AJ	Ok
13	Q3419-05	PO114663.D	24 Oct 2025 12:32	YP/AJ	Ok,M
14	Q3431-01	PO114664.D	24 Oct 2025 12:49	YP/AJ	Ok
15	Q3439-05	PO114665.D	24 Oct 2025 13:08	YP/AJ	ReRun
16	Q3440-01	PO114666.D	24 Oct 2025 13:26	YP/AJ	Ok,M
17	AR1660CCC500	PO114667.D	24 Oct 2025 14:35	YP/AJ	Ok,M
18	AR1242CCC500	PO114668.D	24 Oct 2025 14:54	YP/AJ	Ok,M
19	AR1248CCC500	PO114669.D	24 Oct 2025 15:12	YP/AJ	Ok
20	AR1254CCC500	PO114670.D	24 Oct 2025 15:31	YP/AJ	Ok
21	I.BLK	PO114671.D	24 Oct 2025 15:49	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

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	PP075886.D	21 Oct 2025 08:33	YP\AJ	Ok
2	I.BLK	PP075887.D	21 Oct 2025 08:49	YP\AJ	Ok,M
3	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06	YP\AJ	Ok
4	AR1660ICC750	PP075889.D	21 Oct 2025 09:22	YP\AJ	Ok
5	AR1660ICC500	PP075890.D	21 Oct 2025 09:38	YP\AJ	Ok
6	AR1660ICC250	PP075891.D	21 Oct 2025 09:54	YP\AJ	Ok
7	AR1660ICC050	PP075892.D	21 Oct 2025 10:11	YP\AJ	Ok,M
8	AR1221ICC500	PP075893.D	21 Oct 2025 10:27	YP\AJ	Ok
9	AR1232ICC500	PP075894.D	21 Oct 2025 10:43	YP\AJ	Ok,M
10	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59	YP\AJ	Ok,M
11	AR1242ICC750	PP075896.D	21 Oct 2025 11:16	YP\AJ	Ok,M
12	AR1242ICC500	PP075897.D	21 Oct 2025 11:48	YP\AJ	Ok,M
13	AR1242ICC250	PP075898.D	21 Oct 2025 12:04	YP\AJ	Ok,M
14	AR1242ICC050	PP075899.D	21 Oct 2025 12:21	YP\AJ	Ok,M
15	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41	YP\AJ	Ok,M
16	AR1248ICC750	PP075901.D	21 Oct 2025 12:57	YP\AJ	Ok,M
17	AR1248ICC500	PP075902.D	21 Oct 2025 13:13	YP\AJ	Ok,M
18	AR1248ICC250	PP075903.D	21 Oct 2025 13:30	YP\AJ	Ok,M
19	AR1248ICC050	PP075904.D	21 Oct 2025 13:46	YP\AJ	Ok,M
20	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02	YP\AJ	Ok,M
21	AR1254ICC750	PP075906.D	21 Oct 2025 14:18	YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

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	PP075907.D	21 Oct 2025 14:35	YP\AJ	Ok,M
23	AR1254ICC250	PP075908.D	21 Oct 2025 14:51	YP\AJ	Ok,M
24	AR1254ICC050	PP075909.D	21 Oct 2025 15:07	YP\AJ	Ok,M
25	AR1262ICC500	PP075910.D	21 Oct 2025 15:40	YP\AJ	Ok
26	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56	YP\AJ	Ok
27	AR1268ICC750	PP075912.D	21 Oct 2025 16:12	YP\AJ	Ok
28	AR1268ICC500	PP075913.D	21 Oct 2025 16:29	YP\AJ	Ok
29	AR1268ICC250	PP075914.D	21 Oct 2025 16:45	YP\AJ	Ok
30	AR1268ICC050	PP075915.D	21 Oct 2025 17:01	YP\AJ	Ok
31	PP102125ICV500	PP075916.D	21 Oct 2025 17:34	YP\AJ	Ok
32	AR1242ICV500	PP075917.D	21 Oct 2025 18:06	YP\AJ	Ok,M
33	AR1248ICV500	PP075918.D	21 Oct 2025 18:39	YP\AJ	Ok,M
34	AR1254ICV500	PP075919.D	22 Oct 2025 08:49	YP\AJ	Ok,M
35	AR1268ICV500	PP075920.D	22 Oct 2025 09:07	YP\AJ	Ok
36	DDT ANALOG	PP075921.D	22 Oct 2025 09:25	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102425

Review By	yogesh	Review On	10/24/2025 11:09:51 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:31 AM		
SubDirectory	PP102425	HP Acquire Method		HP Processing Method	PP102125

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	PP076011.D	24 Oct 2025 08:41	YP\AJ	Ok
2	AR1660CCC500	PP076012.D	24 Oct 2025 08:57	YP\AJ	Ok
3	AR1242CCC500	PP076013.D	24 Oct 2025 09:29	YP\AJ	Ok,M
4	AR1248CCC500	PP076014.D	24 Oct 2025 09:45	YP\AJ	Ok,M
5	AR1254CCC500	PP076015.D	24 Oct 2025 10:02	YP\AJ	Ok,M
6	I.BLK	PP076016.D	24 Oct 2025 10:18	YP\AJ	Ok
7	PB170234BL	PP076017.D	24 Oct 2025 10:34	YP\AJ	Ok
8	PB170234BS	PP076018.D	24 Oct 2025 10:51	YP\AJ	Ok
9	Q3437-03	PP076019.D	24 Oct 2025 11:07	YP\AJ	Ok
10	Q3437-05	PP076020.D	24 Oct 2025 11:23	YP\AJ	Ok,M
11	Q3437-11	PP076021.D	24 Oct 2025 11:39	YP\AJ	Ok,M
12	Q3445-01	PP076022.D	24 Oct 2025 11:56	YP\AJ	Ok
13	Q3446-01	PP076023.D	24 Oct 2025 12:12	YP\AJ	Dilution
14	Q3446-02	PP076024.D	24 Oct 2025 12:28	YP\AJ	Dilution
15	Q3414-12DL2	PP076025.D	24 Oct 2025 12:44	YP\AJ	Ok
16	Q3414-13DL2	PP076026.D	24 Oct 2025 13:01	YP\AJ	Ok
17	AR1660CCC500	PP076027.D	24 Oct 2025 14:06	YP\AJ	Ok
18	AR1242CCC500	PP076028.D	24 Oct 2025 14:22	YP\AJ	Ok,M
19	AR1248CCC500	PP076029.D	24 Oct 2025 14:38	YP\AJ	Ok,M
20	AR1254CCC500	PP076030.D	24 Oct 2025 14:54	YP\AJ	Ok,M
21	I.BLK	PP076031.D	24 Oct 2025 15:11	YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102425

Review By	yogesh	Review On	10/24/2025 11:09:51 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:31 AM		
SubDirectory	PP102425	HP Acquire Method		HP Processing Method	PP102125

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	Q3414-07DL2	PP076032.D	24 Oct 2025 15:27	YP\AJ	Ok
23	Q3446-06	PP076033.D	24 Oct 2025 15:43	YP\AJ	Dilution
24	Q3446-07	PP076034.D	24 Oct 2025 16:00	YP\AJ	Dilution
25	Q3446-08	PP076035.D	24 Oct 2025 16:16	YP\AJ	Dilution
26	Q3446-03	PP076036.D	24 Oct 2025 16:32	YP\AJ	Dilution
27	Q3446-04	PP076037.D	24 Oct 2025 16:48	YP\AJ	Dilution
28	Q3446-01DL	PP076038.D	24 Oct 2025 17:05	YP\AJ	Ok,M
29	Q3446-02DL	PP076039.D	24 Oct 2025 17:21	YP\AJ	Ok,M
30	Q3446-05DL	PP076040.D	24 Oct 2025 17:37	YP\AJ	Ok,M
31	Q3446-06DL	PP076041.D	24 Oct 2025 17:53	YP\AJ	Ok,M
32	AR1660CCC500	PP076042.D	24 Oct 2025 18:58	YP\AJ	Ok
33	AR1242CCC500	PP076043.D	24 Oct 2025 19:31	YP\AJ	Ok,M
34	AR1248CCC500	PP076044.D	24 Oct 2025 20:03	YP\AJ	Ok,M
35	AR1254CCC500	PP076045.D	24 Oct 2025 20:19	YP\AJ	Ok,M
36	I.BLK	PP076046.D	24 Oct 2025 20:36	YP\AJ	Ok
37	Q3450-10	PP076047.D	24 Oct 2025 20:52	YP\AJ	Ok,M
38	Q3450-11	PP076048.D	24 Oct 2025 21:08	YP\AJ	Ok
39	Q3450-20	PP076049.D	24 Oct 2025 21:24	YP\AJ	Dilution
40	Q3450-21	PP076050.D	24 Oct 2025 21:41	YP\AJ	Ok
41	Q3450-22	PP076051.D	24 Oct 2025 21:57	YP\AJ	Dilution
42	Q3427-01	PP076052.D	24 Oct 2025 22:13	YP\AJ	Ok,M
43	Q3446-07DL	PP076053.D	24 Oct 2025 22:29	YP\AJ	Ok,M
44	Q3446-08DL	PP076054.D	24 Oct 2025 22:45	YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102425

Review By	yogesh	Review On	10/24/2025 11:09:51 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:31 AM		
SubDirectory	PP102425	HP Acquire Method		HP Processing Method	PP102125

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	Q3446-03DL	PP076055.D	24 Oct 2025 23:01	YP\AJ	Ok,M
46	Q3446-04DL	PP076056.D	24 Oct 2025 23:17	YP\AJ	Ok,M
47	AR1660CCC500	PP076057.D	25 Oct 2025 00:22	YP\AJ	Ok
48	AR1242CCC500	PP076058.D	25 Oct 2025 01:11	YP\AJ	Ok,M
49	AR1248CCC500	PP076059.D	25 Oct 2025 01:43	YP\AJ	Ok,M
50	AR1254CCC500	PP076060.D	25 Oct 2025 01:59	YP\AJ	Ok,M
51	I.BLK	PP076061.D	25 Oct 2025 02:16	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 # PQ101025

Review By	yogesh	Review On	10/10/2025 10:11:25 AM		
Supervise By	mohammad	Supervise On	10/14/2025 2:48:24 AM		
SubDirectory	PQ101025	HP Acquire Method		HP Processing Method	PQ101025

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	PQ070971.D	10 Oct 2025 08:27	YP\AJ	Ok
2	I.BLK	PQ070972.D	10 Oct 2025 08:42	YP\AJ	Ok
3	AR1660ICC1000	PQ070973.D	10 Oct 2025 08:57	YP\AJ	Ok
4	AR1660ICC750	PQ070974.D	10 Oct 2025 09:11	YP\AJ	Ok
5	AR1660ICC500	PQ070975.D	10 Oct 2025 09:26	YP\AJ	Ok
6	AR1660ICC250	PQ070976.D	10 Oct 2025 09:40	YP\AJ	Ok
7	AR1660ICC050	PQ070977.D	10 Oct 2025 09:55	YP\AJ	Ok,M
8	AR1221ICC500	PQ070978.D	10 Oct 2025 10:09	YP\AJ	Ok
9	AR1232ICC500	PQ070979.D	10 Oct 2025 10:24	YP\AJ	Ok
10	AR1242ICC1000	PQ070980.D	10 Oct 2025 10:38	YP\AJ	Ok
11	AR1242ICC750	PQ070981.D	10 Oct 2025 10:53	YP\AJ	Ok
12	AR1242ICC500	PQ070982.D	10 Oct 2025 11:08	YP\AJ	Ok
13	AR1242ICC250	PQ070983.D	10 Oct 2025 11:22	YP\AJ	Ok
14	AR1242ICC050	PQ070984.D	10 Oct 2025 11:37	YP\AJ	Ok,M
15	AR1248ICC1000	PQ070985.D	10 Oct 2025 11:51	YP\AJ	Ok
16	AR1248ICC750	PQ070986.D	10 Oct 2025 12:06	YP\AJ	Ok
17	AR1248ICC500	PQ070987.D	10 Oct 2025 12:20	YP\AJ	Ok
18	AR1248ICC250	PQ070988.D	10 Oct 2025 12:35	YP\AJ	Ok,M
19	AR1248ICC050	PQ070989.D	10 Oct 2025 12:50	YP\AJ	Ok
20	AR1254ICC1000	PQ070990.D	10 Oct 2025 13:04	YP\AJ	Ok
21	AR1254ICC750	PQ070991.D	10 Oct 2025 13:19	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 # PQ101025

Review By	yogesh	Review On	10/10/2025 10:11:25 AM		
Supervise By	mohammad	Supervise On	10/14/2025 2:48:24 AM		
SubDirectory	PQ101025	HP Acquire Method		HP Processing Method	PQ101025

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	PQ070992.D	10 Oct 2025 13:33	YP\AJ	Ok
23	AR1254ICC250	PQ070993.D	10 Oct 2025 13:48	YP\AJ	Ok
24	AR1254ICC050	PQ070994.D	10 Oct 2025 15:15	YP\AJ	Ok
25	AR1262ICC500	PQ070995.D	10 Oct 2025 15:30	YP\AJ	Ok
26	AR1268ICC1000	PQ070996.D	10 Oct 2025 15:44	YP\AJ	Ok
27	AR1268ICC750	PQ070997.D	10 Oct 2025 15:59	YP\AJ	Ok
28	AR1268ICC500	PQ070998.D	10 Oct 2025 16:13	YP\AJ	Ok
29	AR1268ICC250	PQ070999.D	10 Oct 2025 16:28	YP\AJ	Ok
30	AR1268ICC050	PQ071000.D	10 Oct 2025 16:43	YP\AJ	Ok
31	PQ101025ICV	PQ071001.D	10 Oct 2025 16:57	YP\AJ	Ok,M
32	AR1242ICV500	PQ071002.D	10 Oct 2025 17:41	YP\AJ	Ok,M
33	AR1248ICV500	PQ071003.D	10 Oct 2025 18:25	YP\AJ	Ok,M
34	AR1254ICV500	PQ071004.D	10 Oct 2025 19:08	YP\AJ	Ok
35	AR1268ICV500	PQ071005.D	10 Oct 2025 19:52	YP\AJ	Ok
36	DDT ANALOG	PQ071006.D	10 Oct 2025 20:36	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 # PQ102725

Review By	yogesh	Review On	10/27/2025 10:54:57 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:51 AM		
SubDirectory	PQ102725	HP Acquire Method		HP Processing Method	PQ101025

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	PQ071148.D	27 Oct 2025 08:42	YP\AJ	Ok
2	AR1660CCC500	PQ071149.D	27 Oct 2025 08:57	YP\AJ	Ok
3	I.BLK	PQ071150.D	27 Oct 2025 09:11	YP\AJ	Ok
4	Q3450-01	PQ071151.D	27 Oct 2025 09:26	YP\AJ	Ok
5	Q3450-02	PQ071152.D	27 Oct 2025 09:41	YP\AJ	Ok
6	Q3450-02MS	PQ071153.D	27 Oct 2025 09:55	YP\AJ	Ok,M
7	Q3450-02MSD	PQ071154.D	27 Oct 2025 10:10	YP\AJ	Ok,M
8	Q3450-08	PQ071155.D	27 Oct 2025 10:24	YP\AJ	Ok
9	Q3450-09	PQ071156.D	27 Oct 2025 10:39	YP\AJ	Ok,M
10	Q3437-16	PQ071157.D	27 Oct 2025 10:54	YP\AJ	Ok
11	Q3419-01	PQ071158.D	27 Oct 2025 11:08	YP\AJ	Ok,M
12	Q3419-02MS	PQ071159.D	27 Oct 2025 11:23	YP\AJ	Ok
13	Q3419-03MSD	PQ071160.D	27 Oct 2025 11:37	YP\AJ	Ok
14	AR1660CCC500	PQ071161.D	27 Oct 2025 12:35	YP\AJ	Ok
15	AR1242CCC500	PQ071162.D	27 Oct 2025 13:34	YP\AJ	Ok
16	AR1248CCC500	PQ071163.D	27 Oct 2025 13:49	YP\AJ	Ok
17	AR1254CCC500	PQ071164.D	27 Oct 2025 14:03	YP\AJ	Ok
18	I.BLK	PQ071165.D	27 Oct 2025 14:18	YP\AJ	Ok
19	PB170255BL	PQ071166.D	27 Oct 2025 14:32	YP\AJ	Not Ok
20	PB170255BS	PQ071167.D	27 Oct 2025 14:47	YP\AJ	Not Ok
21	Q3451-01	PQ071168.D	27 Oct 2025 15:01	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 # PQ102725

Review By	yogesh	Review On	10/27/2025 10:54:57 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:51 AM		
SubDirectory	PQ102725	HP Acquire Method		HP Processing Method	PQ101025

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	Q3451-05	PQ071169.D	27 Oct 2025 15:16	YP\AJ	Ok
23	Q3451-05MS	PQ071170.D	27 Oct 2025 15:31	YP\AJ	Ok
24	Q3451-05MSD	PQ071171.D	27 Oct 2025 15:45	YP\AJ	Ok
25	Q3452-01	PQ071172.D	27 Oct 2025 16:00	YP\AJ	Ok
26	Q3460-05	PQ071173.D	27 Oct 2025 16:14	YP\AJ	ReRun
27	Q3460-09	PQ071174.D	27 Oct 2025 16:29	YP\AJ	ReRun
28	Q3460-13	PQ071175.D	27 Oct 2025 16:43	YP\AJ	Ok,M
29	AR1660CCC500	PQ071176.D	27 Oct 2025 17:42	YP\AJ	Ok,M
30	AR1242CCC500	PQ071177.D	27 Oct 2025 18:40	YP\AJ	Ok
31	AR1248CCC500	PQ071178.D	27 Oct 2025 18:55	YP\AJ	Ok
32	AR1254CCC500	PQ071179.D	27 Oct 2025 19:09	YP\AJ	Ok,M
33	I.BLK	PQ071180.D	27 Oct 2025 19:24	YP\AJ	Ok

M : Manual Integration

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 # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM		
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM		
SubDirectory	PO100925	HP Acquire Method		HP Processing Method	PO100925

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	PO114311.D	09 Oct 2025 13:37		YP/AJ	Ok
2	I.BLK	I.BLK	PO114312.D	09 Oct 2025 13:55		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO114313.D	09 Oct 2025 14:14		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO114314.D	09 Oct 2025 14:32		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO114315.D	09 Oct 2025 14:50		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO114316.D	09 Oct 2025 15:09		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO114317.D	09 Oct 2025 15:27		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO114318.D	09 Oct 2025 15:45		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO114319.D	09 Oct 2025 16:04		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO114320.D	09 Oct 2025 16:22		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO114321.D	09 Oct 2025 16:40		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO114322.D	09 Oct 2025 16:59		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO114323.D	09 Oct 2025 17:17		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO114324.D	09 Oct 2025 17:35		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO114325.D	09 Oct 2025 17:54		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO114326.D	09 Oct 2025 18:12		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO114327.D	09 Oct 2025 18:30		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO114328.D	09 Oct 2025 18:49		YP/AJ	Ok,M

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 # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM		
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM		
SubDirectory	PO100925	HP Acquire Method		HP Processing Method	PO100925

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	PO114329.D	09 Oct 2025 19:07		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO114330.D	09 Oct 2025 19:26		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO114331.D	09 Oct 2025 19:44		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO114332.D	09 Oct 2025 20:02		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO114333.D	09 Oct 2025 20:21		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO114334.D	09 Oct 2025 20:39		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO114335.D	09 Oct 2025 20:57		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO114336.D	09 Oct 2025 21:16		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO114337.D	09 Oct 2025 21:34		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO114338.D	09 Oct 2025 21:52		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO114339.D	09 Oct 2025 22:11		YP/AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PO114340.D	09 Oct 2025 22:29		YP/AJ	Ok,M
31	PO100925ICV500	ICVPO100925	PO114341.D	09 Oct 2025 22:47		YP/AJ	Ok
32	AR1242ICV500	ICVPO100925AR1242	PO114342.D	09 Oct 2025 23:24		YP/AJ	Ok
33	AR1248ICV500	ICVPO100925AR1248	PO114343.D	10 Oct 2025 00:01		YP/AJ	Ok
34	AR1254ICV500	ICVPO100925AR1254	PO114344.D	10 Oct 2025 00:38		YP/AJ	Ok
35	AR1268ICV500	ICVPO100925AR1268	PO114345.D	10 Oct 2025 01:14		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO114346.D	10 Oct 2025 01:51		YP/AJ	Ok

M : Manual Integration

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 # PO102425

Review By	yogesh	Review On	10/24/2025 11:08:58 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:25 AM		
SubDirectory	PO102425	HP Acquire Method		HP Processing Method	PO100925

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	PO114651.D	24 Oct 2025 08:45		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO114652.D	24 Oct 2025 09:03		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO114653.D	24 Oct 2025 09:29		YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO114654.D	24 Oct 2025 09:47		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO114655.D	24 Oct 2025 10:05		YP/AJ	Ok
6	I.BLK	I.BLK	PO114656.D	24 Oct 2025 10:24		YP/AJ	Ok
7	Q3437-14	SS-25(0-0.5)	PO114657.D	24 Oct 2025 10:42	AR1254 hits	YP/AJ	Dilution
8	Q3437-16	SS-23(0-0.5)	PO114658.D	24 Oct 2025 11:00	AR1254 hits, carry over	YP/AJ	Not Ok
9	Q3419-01	PR-132-S16-015094-20	PO114659.D	24 Oct 2025 11:19	AR1242 & AR1254 hits	YP/AJ	Not Ok
10	Q3437-14DL	SS-25(0-0.5)DL	PO114660.D	24 Oct 2025 11:37	AR1254 hits	YP/AJ	Ok
11	Q3419-03MSD	PR-132-S16-015094-20	PO114661.D	24 Oct 2025 11:55	need to run MS	YP/AJ	Not Ok
12	Q3419-04	PR132-S16-119133-201	PO114662.D	24 Oct 2025 12:14		YP/AJ	Ok
13	Q3419-05	PR132-S16-094119-201	PO114663.D	24 Oct 2025 12:32	AR1242 & AR1254 hits	YP/AJ	Ok,M
14	Q3431-01	EO-02-10222025	PO114664.D	24 Oct 2025 12:49	TCMX high in first column	YP/AJ	Ok
15	Q3439-05	TP-10	PO114665.D	24 Oct 2025 13:08	DCB high in 1st column & TCMX high in both column	YP/AJ	ReRun
16	Q3440-01	JB-2	PO114666.D	24 Oct 2025 13:26	AR1254+1260 Hit	YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO114667.D	24 Oct 2025 14:35		YP/AJ	Ok,M

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 # PO102425

Review By	yogesh	Review On	10/24/2025 11:08:58 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:25 AM		
SubDirectory	PO102425	HP Acquire Method		HP Processing Method	PO100925

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	PO114668.D	24 Oct 2025 14:54		YP/AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PO114669.D	24 Oct 2025 15:12		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO114670.D	24 Oct 2025 15:31		YP/AJ	Ok
21	I.BLK	I.BLK	PO114671.D	24 Oct 2025 15:49		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

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	PP075886.D	21 Oct 2025 08:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP075887.D	21 Oct 2025 08:49		YP\AJ	Ok,M
3	AR1660ICC1000	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP075889.D	21 Oct 2025 09:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP075890.D	21 Oct 2025 09:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP075891.D	21 Oct 2025 09:54		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP075892.D	21 Oct 2025 10:11		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP075893.D	21 Oct 2025 10:27		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP075894.D	21 Oct 2025 10:43		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP075896.D	21 Oct 2025 11:16		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP075897.D	21 Oct 2025 11:48		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP075898.D	21 Oct 2025 12:04		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP075899.D	21 Oct 2025 12:21		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP075901.D	21 Oct 2025 12:57		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP075902.D	21 Oct 2025 13:13		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP075903.D	21 Oct 2025 13:30		YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

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	PP075904.D	21 Oct 2025 13:46		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP075906.D	21 Oct 2025 14:18		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP075907.D	21 Oct 2025 14:35		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP075908.D	21 Oct 2025 14:51		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP075909.D	21 Oct 2025 15:07		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP075910.D	21 Oct 2025 15:40		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP075912.D	21 Oct 2025 16:12		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP075913.D	21 Oct 2025 16:29		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP075914.D	21 Oct 2025 16:45		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP075915.D	21 Oct 2025 17:01		YP\AJ	Ok
31	PP102125ICV500	ICVPP102125	PP075916.D	21 Oct 2025 17:34		YP\AJ	Ok
32	AR1242ICV500	ICVPP102125AR1242	PP075917.D	21 Oct 2025 18:06		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP102125AR1248	PP075918.D	21 Oct 2025 18:39		YP\AJ	Ok,M
34	AR1254ICV500	ICVPP102125AR1254	PP075919.D	22 Oct 2025 08:49		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP102125AR1268	PP075920.D	22 Oct 2025 09:07		YP\AJ	Ok
36	DDT ANALOG	DDT ANALOG	PP075921.D	22 Oct 2025 09:25		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102425

Review By	yogesh	Review On	10/24/2025 11:09:51 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:31 AM		
SubDirectory	PP102425	HP Acquire Method		HP Processing Method	PP102125

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	PP076011.D	24 Oct 2025 08:41		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP076012.D	24 Oct 2025 08:57		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP076013.D	24 Oct 2025 09:29		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP076014.D	24 Oct 2025 09:45		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP076015.D	24 Oct 2025 10:02		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP076016.D	24 Oct 2025 10:18		YP\AJ	Ok
7	PB170234BL	PB170234BL	PP076017.D	24 Oct 2025 10:34		YP\AJ	Ok
8	PB170234BS	PB170234BS	PP076018.D	24 Oct 2025 10:51		YP\AJ	Ok
9	Q3437-03	SS-15R(2.0-2.5)	PP076019.D	24 Oct 2025 11:07	AR1254 hits	YP\AJ	Ok
10	Q3437-05	SS-26(0-0.5)	PP076020.D	24 Oct 2025 11:23	AR1254 hits	YP\AJ	Ok,M
11	Q3437-11	SS-27(0-0.5)	PP076021.D	24 Oct 2025 11:39	AR1254 hits	YP\AJ	Ok,M
12	Q3445-01	EO-01-102325	PP076022.D	24 Oct 2025 11:56		YP\AJ	Ok
13	Q3446-01	SB-14	PP076023.D	24 Oct 2025 12:12	F Flag in TCMX in 1st column, All surrogate fail, AR1242 hits, Need 20X	YP\AJ	Dilution
14	Q3446-02	SB-15	PP076024.D	24 Oct 2025 12:28	AR1242 hits, Need 20X	YP\AJ	Dilution
15	Q3414-12DL2	SB-12DL2	PP076025.D	24 Oct 2025 12:44	AR1242 hit	YP\AJ	Ok
16	Q3414-13DL2	SB-13DL2	PP076026.D	24 Oct 2025 13:01	AR1242 hit	YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP076027.D	24 Oct 2025 14:06		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102425

Review By	yogesh	Review On	10/24/2025 11:09:51 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:31 AM		
SubDirectory	PP102425	HP Acquire Method		HP Processing Method	PP102125

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	PP076028.D	24 Oct 2025 14:22		YP\AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PP076029.D	24 Oct 2025 14:38		YP\AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP076030.D	24 Oct 2025 14:54		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP076031.D	24 Oct 2025 15:11		YP\AJ	Ok
22	Q3414-07DL2	SB-7DL2	PP076032.D	24 Oct 2025 15:27	AR1242 hit	YP\AJ	Ok
23	Q3446-06	SB-19	PP076033.D	24 Oct 2025 15:43	F Flag in TCMX in 1st column , AR1242+1260 Hit , TCMX high in both column , DCB low in 1st column , Need dilution	YP\AJ	Dilution
24	Q3446-07	SB-20	PP076034.D	24 Oct 2025 16:00	AR1260 Hit , Need dilution , TCMX high in 2nd column	YP\AJ	Dilution
25	Q3446-08	SB-21	PP076035.D	24 Oct 2025 16:16	AR1242+1260 Hit , DCB low in both column , TCMX high in both column , need dilution	YP\AJ	Dilution
26	Q3446-03	SB-16	PP076036.D	24 Oct 2025 16:32	AR1260 Hit , TCMX high in 2nd column , need dilution	YP\AJ	Dilution
27	Q3446-04	SB-17	PP076037.D	24 Oct 2025 16:48	AR1260 Hit , TCMX high in 2nd column , need dilution	YP\AJ	Dilution
28	Q3446-01DL	SB-14DL	PP076038.D	24 Oct 2025 17:05	AR1242 hit	YP\AJ	Ok,M
29	Q3446-02DL	SB-15DL	PP076039.D	24 Oct 2025 17:21	AR1242 hit	YP\AJ	Ok,M
30	Q3446-05DL	SB-18DL	PP076040.D	24 Oct 2025 17:37	AR1242 Hit	YP\AJ	Ok,M
31	Q3446-06DL	SB-19DL	PP076041.D	24 Oct 2025 17:53	AR1242+1260 Hit	YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP076042.D	24 Oct 2025 18:58		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP076043.D	24 Oct 2025 19:31		YP\AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP076044.D	24 Oct 2025 20:03		YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102425

Review By	yogesh	Review On	10/24/2025 11:09:51 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:31 AM		
SubDirectory	PP102425	HP Acquire Method		HP Processing Method	PP102125

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	

35	AR1254CCC500	AR1254CCC500	PP076045.D	24 Oct 2025 20:19		YP\AJ	Ok,M
36	I.BLK	I.BLK	PP076046.D	24 Oct 2025 20:36		YP\AJ	Ok
37	Q3450-10	SS-20-(3.5-4.0)	PP076047.D	24 Oct 2025 20:52	AR1254 Hit	YP\AJ	Ok,M
38	Q3450-11	SS-28-(2.0-2.5)	PP076048.D	24 Oct 2025 21:08		YP\AJ	Ok
39	Q3450-20	SS-21-(0.0-0.5)	PP076049.D	24 Oct 2025 21:24	AR1254 Hit , Need 5x dilution	YP\AJ	Dilution
40	Q3450-21	SS-21-(2.0-2.5)	PP076050.D	24 Oct 2025 21:41		YP\AJ	Ok
41	Q3450-22	SS-21-(3.5-4.0)	PP076051.D	24 Oct 2025 21:57	AR1254 Hit , Need 2x dilution	YP\AJ	Dilution
42	Q3427-01	TP-8	PP076052.D	24 Oct 2025 22:13		YP\AJ	Ok,M
43	Q3446-07DL	SB-20DL	PP076053.D	24 Oct 2025 22:29	AR1242 Hit	YP\AJ	Ok,M
44	Q3446-08DL	SB-21DL	PP076054.D	24 Oct 2025 22:45	AR1242+1260 Hit	YP\AJ	Ok,M
45	Q3446-03DL	SB-16DL	PP076055.D	24 Oct 2025 23:01	AR1260 Hit	YP\AJ	Ok,M
46	Q3446-04DL	SB-17DL	PP076056.D	24 Oct 2025 23:17	AR1260 Hit	YP\AJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PP076057.D	25 Oct 2025 00:22		YP\AJ	Ok
48	AR1242CCC500	AR1242CCC500	PP076058.D	25 Oct 2025 01:11		YP\AJ	Ok,M
49	AR1248CCC500	AR1248CCC500	PP076059.D	25 Oct 2025 01:43		YP\AJ	Ok,M
50	AR1254CCC500	AR1254CCC500	PP076060.D	25 Oct 2025 01:59		YP\AJ	Ok,M
51	I.BLK	I.BLK	PP076061.D	25 Oct 2025 02:16		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 # PQ101025

Review By	yogesh	Review On	10/10/2025 10:11:25 AM		
Supervise By	mohammad	Supervise On	10/14/2025 2:48:24 AM		
SubDirectory	PQ101025	HP Acquire Method		HP Processing Method	PQ101025

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	PQ070971.D	10 Oct 2025 08:27		YP\AJ	Ok
2	I.BLK	I.BLK	PQ070972.D	10 Oct 2025 08:42		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PQ070973.D	10 Oct 2025 08:57		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PQ070974.D	10 Oct 2025 09:11		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PQ070975.D	10 Oct 2025 09:26		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PQ070976.D	10 Oct 2025 09:40		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PQ070977.D	10 Oct 2025 09:55		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PQ070978.D	10 Oct 2025 10:09		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PQ070979.D	10 Oct 2025 10:24		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PQ070980.D	10 Oct 2025 10:38		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PQ070981.D	10 Oct 2025 10:53		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PQ070982.D	10 Oct 2025 11:08		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PQ070983.D	10 Oct 2025 11:22		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PQ070984.D	10 Oct 2025 11:37		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PQ070985.D	10 Oct 2025 11:51		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PQ070986.D	10 Oct 2025 12:06		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PQ070987.D	10 Oct 2025 12:20		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PQ070988.D	10 Oct 2025 12:35		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 # PQ101025

Review By	yogesh	Review On	10/10/2025 10:11:25 AM		
Supervise By	mohammad	Supervise On	10/14/2025 2:48:24 AM		
SubDirectory	PQ101025	HP Acquire Method		HP Processing Method	PQ101025

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	PQ070989.D	10 Oct 2025 12:50		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PQ070990.D	10 Oct 2025 13:04		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PQ070991.D	10 Oct 2025 13:19		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PQ070992.D	10 Oct 2025 13:33		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PQ070993.D	10 Oct 2025 13:48		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PQ070994.D	10 Oct 2025 15:15		YP\AJ	Ok
25	AR1262ICC500	AR1262ICC500	PQ070995.D	10 Oct 2025 15:30		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PQ070996.D	10 Oct 2025 15:44		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PQ070997.D	10 Oct 2025 15:59		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PQ070998.D	10 Oct 2025 16:13		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PQ070999.D	10 Oct 2025 16:28		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PQ071000.D	10 Oct 2025 16:43		YP\AJ	Ok
31	PQ101025ICV	ICVPQ101025	PQ071001.D	10 Oct 2025 16:57		YP\AJ	Ok,M
32	AR1242ICV500	ICVPQ101025AR1242	PQ071002.D	10 Oct 2025 17:41		YP\AJ	Ok,M
33	AR1248ICV500	ICVPQ101025AR1248	PQ071003.D	10 Oct 2025 18:25		YP\AJ	Ok,M
34	AR1254ICV500	ICVPQ101025AR1254	PQ071004.D	10 Oct 2025 19:08		YP\AJ	Ok
35	AR1268ICV500	ICVPQ101025AR1268	PQ071005.D	10 Oct 2025 19:52		YP\AJ	Ok
36	DDT ANALOG	DDT ANALOG	PQ071006.D	10 Oct 2025 20:36		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 # PQ102725

Review By	yogesh	Review On	10/27/2025 10:54:57 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:51 AM		
SubDirectory	PQ102725	HP Acquire Method		HP Processing Method	PQ101025

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	PQ071148.D	27 Oct 2025 08:42		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ071149.D	27 Oct 2025 08:57		YP\AJ	Ok
3	I.BLK	I.BLK	PQ071150.D	27 Oct 2025 09:11		YP\AJ	Ok
4	Q3450-01	SS-5R-(2.0-2.5)	PQ071151.D	27 Oct 2025 09:26	AR1254 Hit	YP\AJ	Ok
5	Q3450-02	SS-5R-(3.5-4.0)	PQ071152.D	27 Oct 2025 09:41	AR1254 Hit	YP\AJ	Ok
6	Q3450-02MS	SS-5R-(3.5-4.0)MS	PQ071153.D	27 Oct 2025 09:55		YP\AJ	Ok,M
7	Q3450-02MSD	SS-5R-(3.5-4.0)MSD	PQ071154.D	27 Oct 2025 10:10		YP\AJ	Ok,M
8	Q3450-08	SS-20-(0.0-0.5)	PQ071155.D	27 Oct 2025 10:24	AR1254 Hit	YP\AJ	Ok
9	Q3450-09	SS-20-(2.0-2.5)	PQ071156.D	27 Oct 2025 10:39	AR1254 Hit	YP\AJ	Ok,M
10	Q3437-16	SS-23(0-0.5)	PQ071157.D	27 Oct 2025 10:54	AR1254 Hit, TCX high 1st column	YP\AJ	Ok
11	Q3419-01	PR-132-S16-015094-20	PQ071158.D	27 Oct 2025 11:08	AR1242 hits	YP\AJ	Ok,M
12	Q3419-02MS	PR-132-S16-015094-20	PQ071159.D	27 Oct 2025 11:23		YP\AJ	Ok
13	Q3419-03MSD	PR-132-S16-015094-20	PQ071160.D	27 Oct 2025 11:37		YP\AJ	Ok
14	AR1660CCC500	AR1660CCC500	PQ071161.D	27 Oct 2025 12:35		YP\AJ	Ok
15	AR1242CCC500	AR1242CCC500	PQ071162.D	27 Oct 2025 13:34		YP\AJ	Ok
16	AR1248CCC500	AR1248CCC500	PQ071163.D	27 Oct 2025 13:49		YP\AJ	Ok
17	AR1254CCC500	AR1254CCC500	PQ071164.D	27 Oct 2025 14:03		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 # PQ102725

Review By	yogesh	Review On	10/27/2025 10:54:57 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:51 AM		
SubDirectory	PQ102725	HP Acquire Method		HP Processing Method	PQ101025

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	I.BLK	I.BLK	PQ071165.D	27 Oct 2025 14:18		YP\AJ	Ok
19	PB170255BL	PB170255BL	PQ071166.D	27 Oct 2025 14:32	DCB high 1st column for PSEG	YP\AJ	Not Ok
20	PB170255BS	PB170255BS	PQ071167.D	27 Oct 2025 14:47	DCB high 1st column for PSEG	YP\AJ	Not Ok
21	Q3451-01	TP-11	PQ071168.D	27 Oct 2025 15:01	Tcmx high in 1st column	YP\AJ	Ok
22	Q3451-05	TP-12	PQ071169.D	27 Oct 2025 15:16		YP\AJ	Ok
23	Q3451-05MS	TP-12MS	PQ071170.D	27 Oct 2025 15:31	Tcmx high in 1st column	YP\AJ	Ok
24	Q3451-05MSD	TP-12MSD	PQ071171.D	27 Oct 2025 15:45	Tcmx high in 1st column	YP\AJ	Ok
25	Q3452-01	JB-1	PQ071172.D	27 Oct 2025 16:00		YP\AJ	Ok
26	Q3460-05	WC-2	PQ071173.D	27 Oct 2025 16:14	TCMX & DCB high in 1st column	YP\AJ	ReRun
27	Q3460-09	WC-3	PQ071174.D	27 Oct 2025 16:29	TCMX & DCB high in 1st column	YP\AJ	ReRun
28	Q3460-13	WC-4	PQ071175.D	27 Oct 2025 16:43	DCB high in 1st column, AR1260 hits	YP\AJ	Ok,M
29	AR1660CCC500	AR1660CCC500	PQ071176.D	27 Oct 2025 17:42		YP\AJ	Ok,M
30	AR1242CCC500	AR1242CCC500	PQ071177.D	27 Oct 2025 18:40		YP\AJ	Ok
31	AR1248CCC500	AR1248CCC500	PQ071178.D	27 Oct 2025 18:55		YP\AJ	Ok
32	AR1254CCC500	AR1254CCC500	PQ071179.D	27 Oct 2025 19:09		YP\AJ	Ok,M
33	I.BLK	I.BLK	PQ071180.D	27 Oct 2025 19:24		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/23/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137614

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
Q3419-01	PR-132-S16-015094-20251021	1	1.15	11.01	12.16	7.14	54.4	
Q3419-02	Q3419-01MS	2	1.15	11.01	12.16	7.14	54.4	
Q3419-03	Q3419-01MSD	3	1.15	11.01	12.16	7.14	54.4	
Q3419-04	PR-132-S16-119133-20251021	4	1.16	10.07	11.23	6.37	51.7	
Q3419-05	PR-132-S16-094119-20251021	5	1.19	11.07	12.26	6.38	46.9	
Q3422-01	PR132-S15-000008-20251017	6	1.18	11.02	12.2	7.58	58.1	
Q3424-01	PR132-DP3-20251021	7	1.15	10.36	11.51	5.91	45.9	
Q3424-02	PR132-S11-010080-20251021	8	1.12	10.72	11.84	6.49	50.1	
Q3424-03	PR132-S14-00094-20251021	9	1.14	11.34	12.48	6.82	50.1	
Q3427-01	TP-8	10	1.11	10.77	11.88	10.84	90.3	
Q3427-02	TP-8-EPH	11	1.18	10.97	12.15	10.98	89.3	
Q3427-03	TP-8-VOC	12	1.19	10.26	11.45	10.52	90.9	
Q3429-01	40309	13	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3429-02	40310	14	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3430-01	BUR-25-0095	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3431-01	EO-02-10222025	16	1.11	10.55	11.66	10.64	90.3	
Q3431-02	EO-02-10222025-E2	17	1.17	10.59	11.76	10.59	89.0	
Q3434-01	PR132-WC1-20251022	18	1.13	10.43	11.56	7.17	57.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 137614

WorkList Name : %1-102225 **WorkList ID :** 192597 **Department :** Wet-Chemistry **Date :** 10-22-2025 09:03:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3419-01	PR-132-S16-015094-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3419-02	Q3419-01MS	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3419-03	Q3419-01MSD	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3419-04	PR-132-S16-119133-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3419-05	PR-132-S16-094119-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3422-01	PR132-S15-000008-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/21/2025	Chemtech -SO
Q3424-01	PR132-DP3-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/21/2025	Chemtech -SO
Q3424-02	PR132-S11-010080-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/21/2025	Chemtech -SO
Q3424-03	PR132-S14-00094-20251021	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/21/2025	Chemtech -SO
Q3427-01	TP-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3427-02	TP-8-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3427-03	TP-8-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3429-01	40309	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	10/22/2025	Chemtech -SO
Q3429-02	40310	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	10/22/2025	Chemtech -SO
Q3430-01	BUR-25-0095	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	10/22/2025	Chemtech -SO
Q3431-01	EO-02-10222025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/22/2025	Chemtech -SO
Q3431-02	EO-02-10222025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/22/2025	Chemtech -SO
Q3434-01	PR132-WC1-20251022	Solid	Percent Solids	Cool 4 deg C	AECO02	D41	10/22/2025	Chemtech -SO

Date/Time 10/22/25 15:00
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

Date/Time 10/22/25 17:25
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170234

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 : 10/23/2025

Extraction Start Time : 15:05

Extraction End Date : 10/23/2025

Extraction End Time : 18:20

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	PP24663
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	EP2643
Baked Na2SO4	N/A	EP2652
Hexane	N/A	E3978
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/23/25	RS (Ext. lab)	R. Pell / PCB Lab
18:25	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170234

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/23/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170234BL	ABLK234	PCB	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170234BS	ALCS234	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q3419-01	PR-132-S16-015094-202 51021	PCB	30.09	N/A	ritesh	Evelyn	10	E		3
Q3419-02	Q3419-01MS	PCB	30.04	N/A	ritesh	Evelyn	10	E		4
Q3419-03	Q3419-01MSD	PCB	30.06	N/A	ritesh	Evelyn	10	E		5
Q3419-04	PR-132-S16-119133-202 51021	PCB	30.03	N/A	ritesh	Evelyn	10	E		6
Q3419-05	PR-132-S16-094119-202 51021	PCB	30.07	N/A	ritesh	Evelyn	10	E		U2-1
Q3437-03	SS-15R(2.0-2.5)	PCB	30.06	N/A	ritesh	Evelyn	10			2
Q3437-05	SS-26(0-0.5)	PCB	30.03	N/A	ritesh	Evelyn	10			3
Q3437-11	SS-27(0-0.5)	PCB	30.02	N/A	ritesh	Evelyn	10			4
Q3437-14	SS-25(0-0.5)	PCB	30.08	N/A	ritesh	Evelyn	10			5
Q3437-16	SS-23(0-0.5)	PCB	30.04	N/A	ritesh	Evelyn	10			6
Q3439-01	TP-9	PCB	30.06	N/A	ritesh	Evelyn	10	E		U3-1
Q3439-05	TP-10	PCB	30.04	N/A	ritesh	Evelyn	10	E		2
Q3440-01	JB-2	PCB	30.05	N/A	ritesh	Evelyn	10	E		3
Q3445-01	EO-01-102325	PCB	30.02	N/A	ritesh	Evelyn	10	D		4
Q3446-01	SB-14	PCB	30.05	N/A	ritesh	Evelyn	10	C		5
Q3446-02	SB-15	PCB	30.09	N/A	ritesh	Evelyn	10	C		6
Q3446-03	SB-16	PCB	30.01	N/A	ritesh	Evelyn	10	C		U6-1
Q3446-04	SB-17	PCB	30.04	N/A	ritesh	Evelyn	10	C		2
Q3446-05	SB-18	PCB	30.07	N/A	ritesh	Evelyn	10	C		3
Q3446-06	SB-19	PCB	30.02	N/A	ritesh	Evelyn	10	C		4
Q3446-07	SB-20	PCB	30.06	N/A	ritesh	Evelyn	10	C		5
Q3446-08	SB-21	PCB	30.08	N/A	ritesh	Evelyn	10	C		6

RS 10/23

* **Extracts relinquished on the same date as received.**

1702314 15:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3437 **WorkList ID :** 192647 **Department :** Extraction **Date :** 10-23-2025 14:58:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3419-01	PR-132-S16-015094-20251021	Solid	PCB	Cool 4 deg C	AECO02	D41	10/21/2025	8082A
Q3419-02	Q3419-01MS	Solid	PCB	Cool 4 deg C	AECO02	D41	10/21/2025	8082A
Q3419-03	Q3419-01MSD	Solid	PCB	Cool 4 deg C	AECO02	D41	10/21/2025	8082A
Q3419-04	PR-132-S16-119133-20251021	Solid	PCB	Cool 4 deg C	AECO02	D41	10/21/2025	8082A
Q3419-05	PR-132-S16-094119-20251021	Solid	PCB	Cool 4 deg C	AECO02	D41	10/21/2025	8082A
Q3437-03	SS-15R(2.0-2.5)	Solid	PCB	Cool 4 deg C	MATR02	D31	10/22/2025	8082A
Q3437-05	SS-26(0-0.5)	Solid	PCB	Cool 4 deg C	MATR02	D31	10/22/2025	8082A
Q3437-11	SS-27(0-0.5)	Solid	PCB	Cool 4 deg C	MATR02	D31	10/22/2025	8082A
Q3437-14	SS-25(0-0.5)	Solid	PCB	Cool 4 deg C	MATR02	D31	10/22/2025	8082A
Q3437-16	SS-23(0-0.5)	Solid	PCB	Cool 4 deg C	MATR02	D31	10/22/2025	8082A
Q3439-01	TP-9	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/22/2025	8082A
Q3439-05	TP-10	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/23/2025	8082A
Q3440-01	JB-2	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/22/2025	8082A
Q3445-01	EO-01-102325	Solid	PCB	Cool 4 deg C	PSEG05	D31	10/23/2025	8082A
Q3446-01	SB-14	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/23/2025	8082A
Q3446-02	SB-15	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/23/2025	8082A
Q3446-03	SB-16	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/23/2025	8082A
Q3446-04	SB-17	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/23/2025	8082A
Q3446-05	SB-18	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/23/2025	8082A
Q3446-06	SB-19	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/23/2025	8082A
Q3446-07	SB-20	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/23/2025	8082A

Date/Time 10/23/25 15:00

Raw Sample Received by: RJ (EA-Lab)

Raw Sample Relinquished by:

Date/Time 10/23/25 15:39

Raw Sample Received by:

Raw Sample Relinquished by: RJ (EA-Lab)

170234
15:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3437 **WorkList ID :** 192647 **Department :** Extraction **Date :** 10-23-2025 14:58:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3446-08	SB-21	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/23/2025	8082A

Date/Time 10/23/25 15:00
Raw Sample Received by: RJ (ATL lab)
Raw Sample Relinquished by:

Date/Time 10/23/25 15:39
Raw Sample Received by:
Raw Sample Relinquished by:

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

Prep Standard - Chemical Standard Summary

Order ID : Q3419

Test : PCB

Prepbatch ID : PB170234,

Sequence ID/Qc Batch ID: PO102425,PP102425,PQ102725,

Standard ID :

EP2610,EP2643,EP2652,PP24329,PP24330,PP24381,PP24663,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,

Chemical ID :

E3804,E3875,E3944,E3951,E3962,E3963,E3971,E3972,E3978,M6157,P 11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13786,P13789,P13833,P13879,P13881,P13885,W3112,W3177,W3234,

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025

FROM 1000.00000ml of M6157 + 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	EP2643	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel 09/16/2025

FROM 4000.00000ml of E3971 + 4000.00000ml of E3972 = Final Quantity: 8000.000 ml

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2652	10/10/2025	01/28/2026	Evelyn Huang	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/10/2025

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel 07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	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	01/28/2026	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-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	09/15/2025 / Evelyn	09/04/2025 / Riteshkumar	E3971

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362006	04/13/2026	10/13/2025 / RUPESH	10/08/2025 / Riteshkumar	E3978

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)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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

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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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

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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	02/18/2026	08/18/2025 / yogesh	11/19/2024 / Ankita	P13789

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	a0217391	02/18/2026	08/18/2025 / yogesh	12/09/2024 / Ankita	P13833

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0219655	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13879

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0217041	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13881

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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 #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	07/28/2025 / jignesh	07/25/2025 / jignesh	W3234

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE **RMB3375)**	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

E 3875

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

E3944

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

VWR®
BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Recieved on 7/30/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3962

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

Acetone,
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recieved on 8/6/25

E 3963

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3971

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.: 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

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362006
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	4
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3978

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

M615 MB

avantor | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013
Manufactured Date: 2024-08-07
Retest Date:2029-08-06
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.2 %
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 & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities - Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities - Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities - Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities - Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities - Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities - Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities - Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities - Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities - Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	<1.0 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	<10.0 ppb
Trace Impurities - Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities - Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities - Silver (Ag)	<= 1.0 ppb	<1.0 ppb

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013

Test	Specification	Result
Trace Impurities - Sodium (Na)	<= 500.0 ppb	<5.0 ppb
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	<1.0 ppb
Trace Impurities - Tin (Sn)	<= 5.0 ppb	1.1 ppb
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	<1.0 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

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

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437	µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284	µg/mL	Unstressed
	Purity ----%		+/- 41.4406	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | 5

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

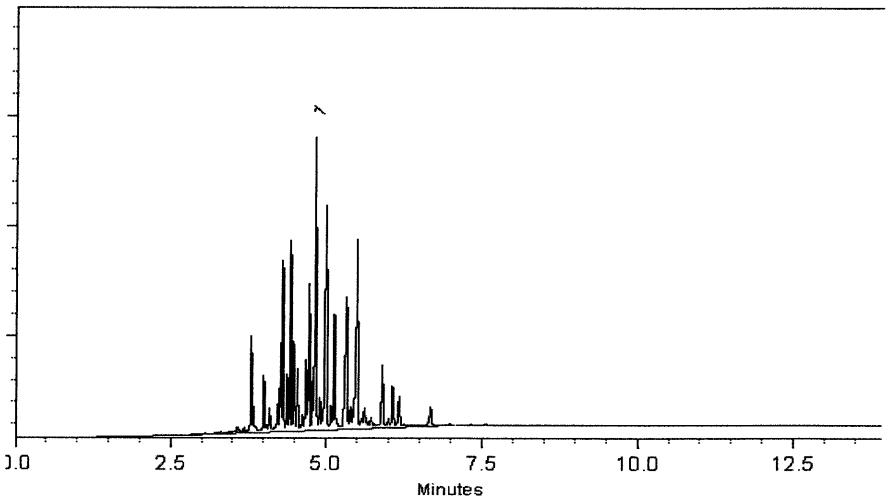
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refere

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Aceton

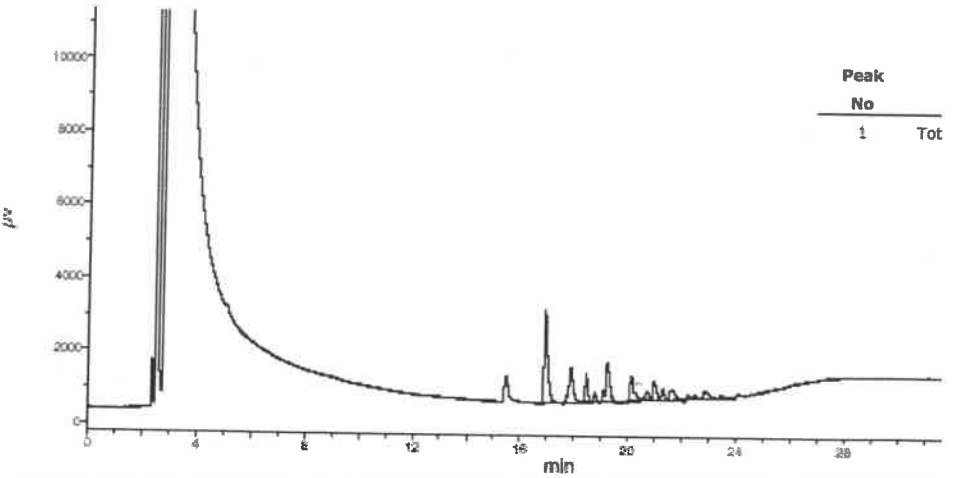
Weight(s) shown below were combined and diluted to (mL): 100.0

5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

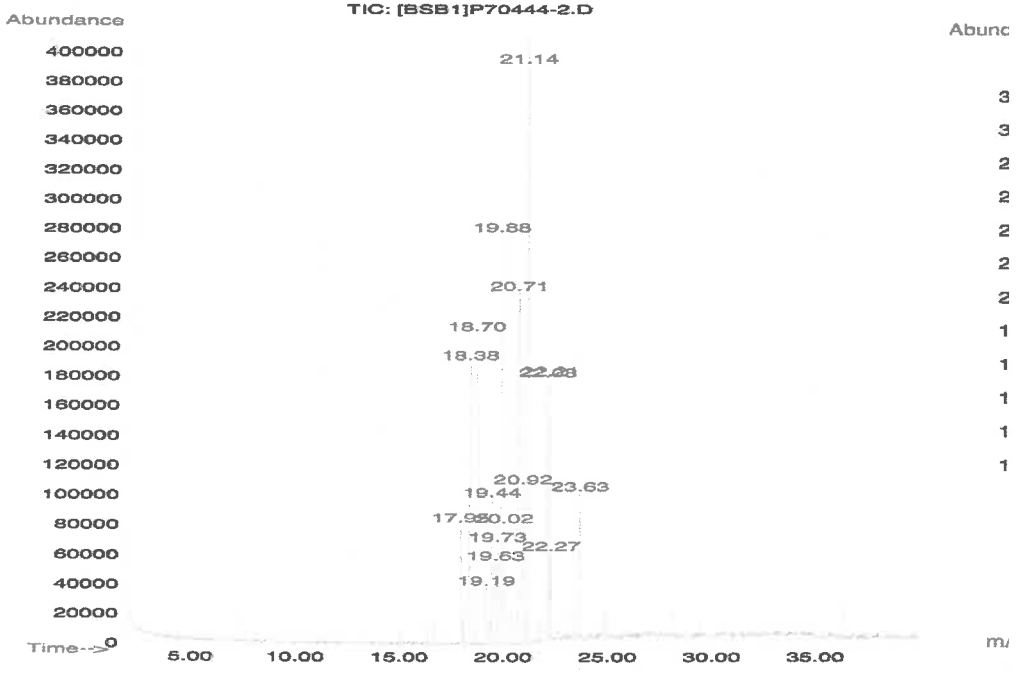
Certified Referen

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)	Co
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

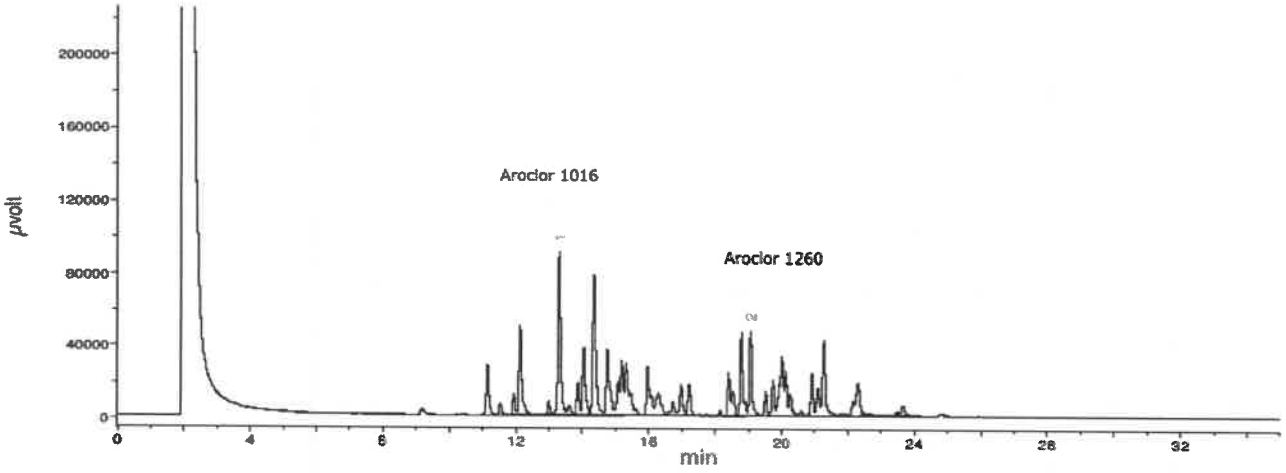
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

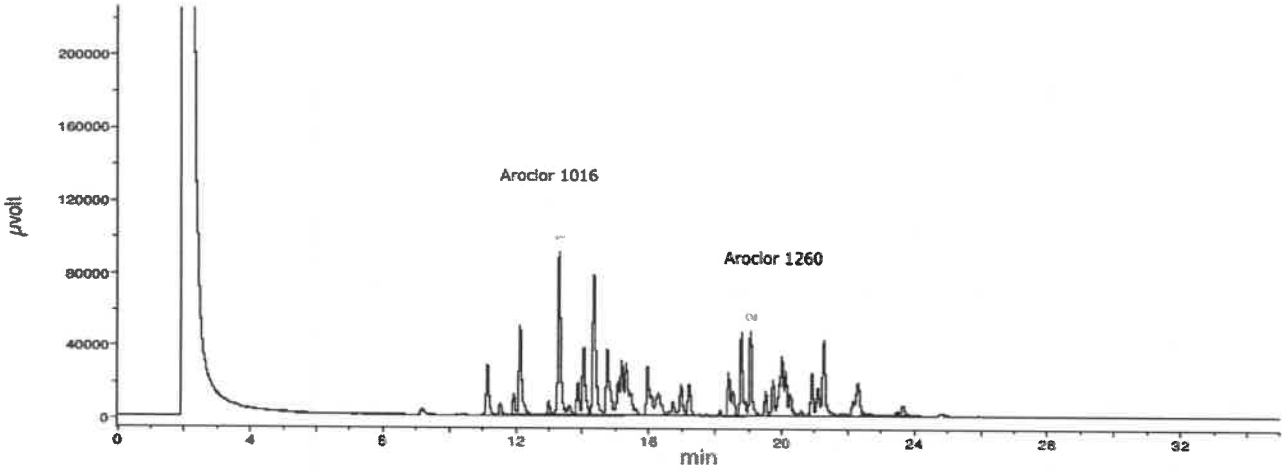
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

Note: Aroclor 1254 is a mix of isomers.

Formulated By:	Anthony Mahoney	121823 DATE
Reviewed By:	Pedro L. Rentas	121823 DATE

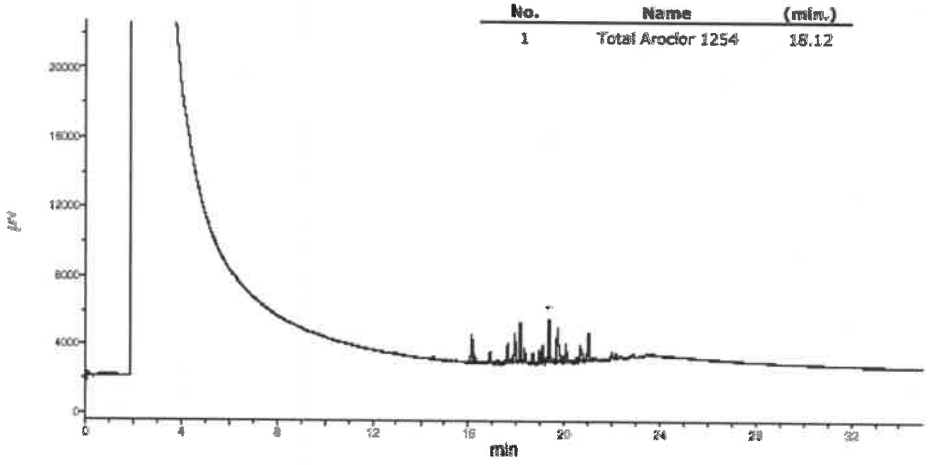
P12956 & P12957 Y.P. 12/20/23

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 → P13357 (10)

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.)

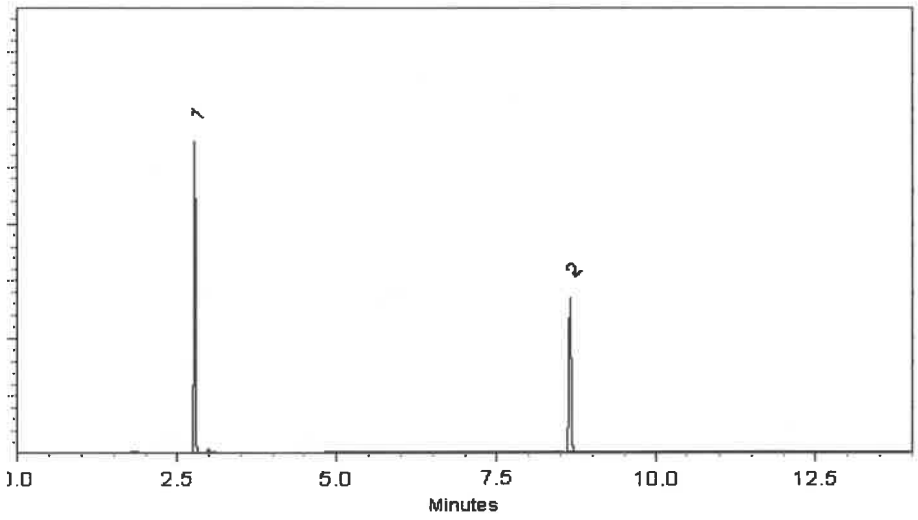
Inj. Temp:
250°C

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

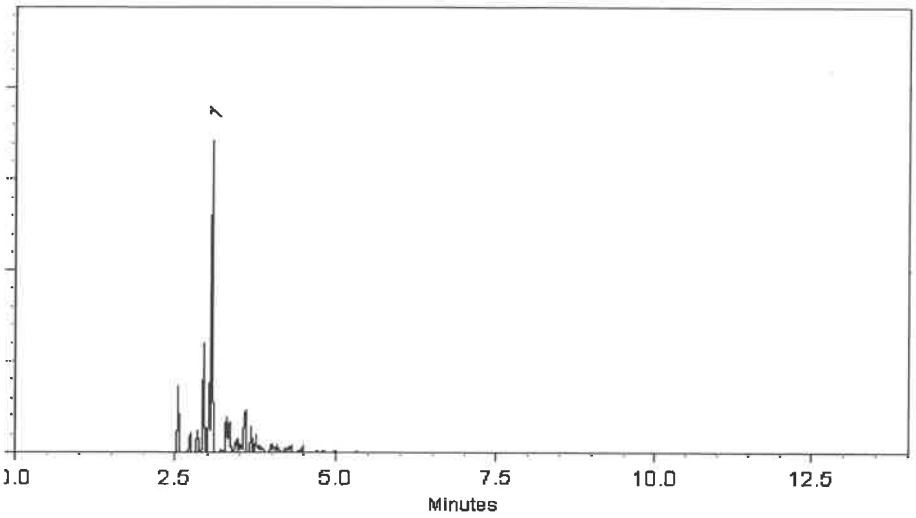
Inj. Temp:
250°C

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

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4	±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589
↓
P13590

AJ
10/14/24

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Aroclor 1248 Standard
Product Number: PP-342-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006726317
Lot Issue Date: 27-Jan-2023
Expiration Date: 28-Feb-2031

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3	±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591
↓
P13592

AJ
10/14/2024

Agilent

Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.1

ISO 17025

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

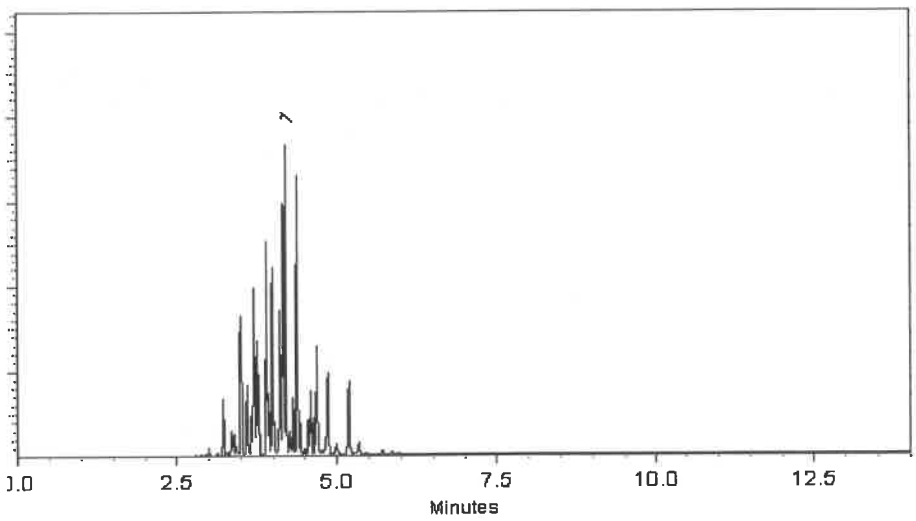
Inj. Temp:
250°C

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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0210629

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13697 ↓ P13701 } Y.P. 10/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

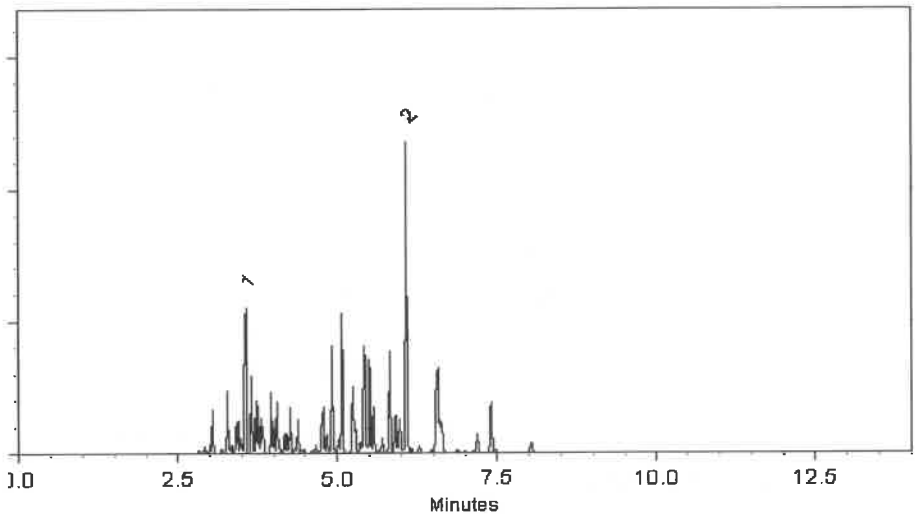
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

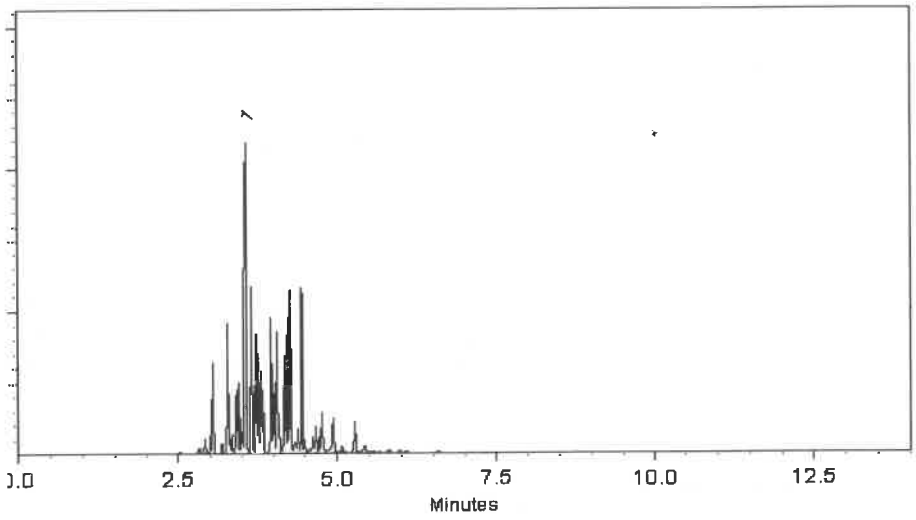
Inj. Temp:
250°C

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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

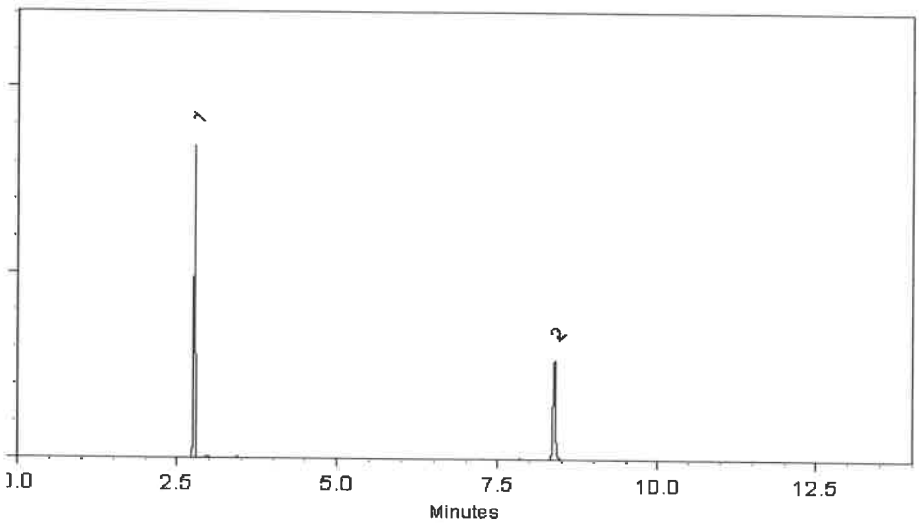
Inj. Temp:
250°C

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

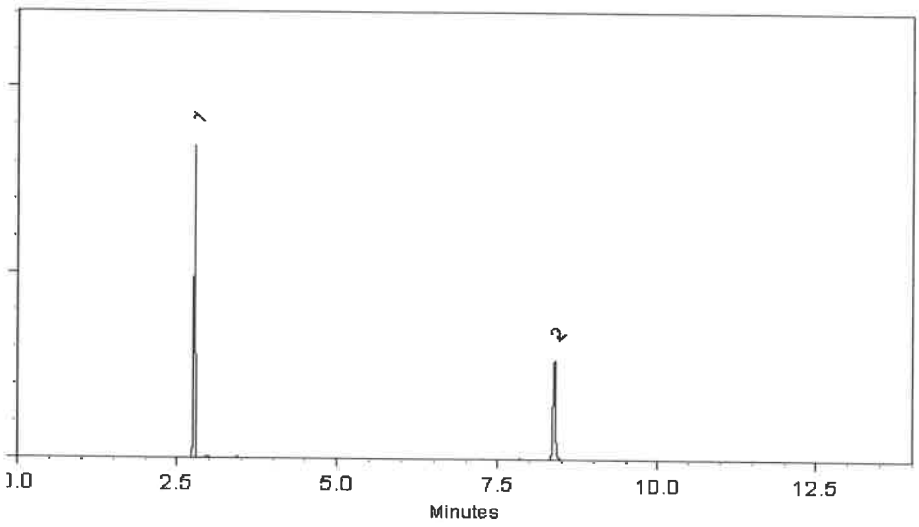
Inj. Temp:
250°C

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

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13830
↓
P13832
↓
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.)

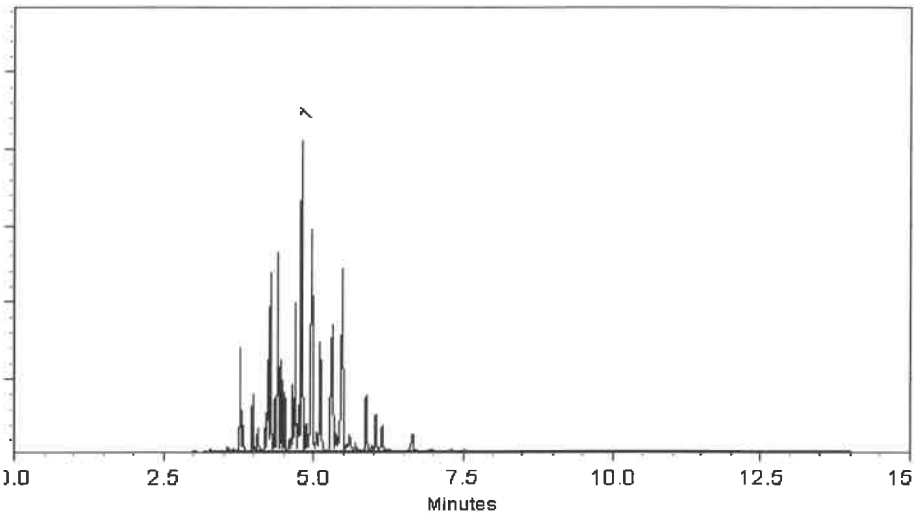
Inj. Temp:
250°C

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0219655

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	----%	1,007.0 µg/mL	+/- 55.8810

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

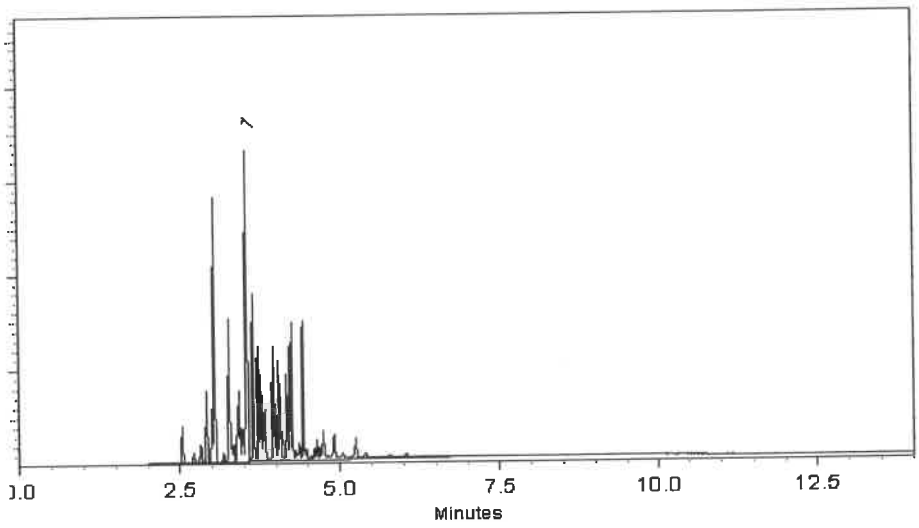
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0217041

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1262	37324-23-5	10849100	----%	1,000.0 µg/mL	+/- 55.4925

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13881

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

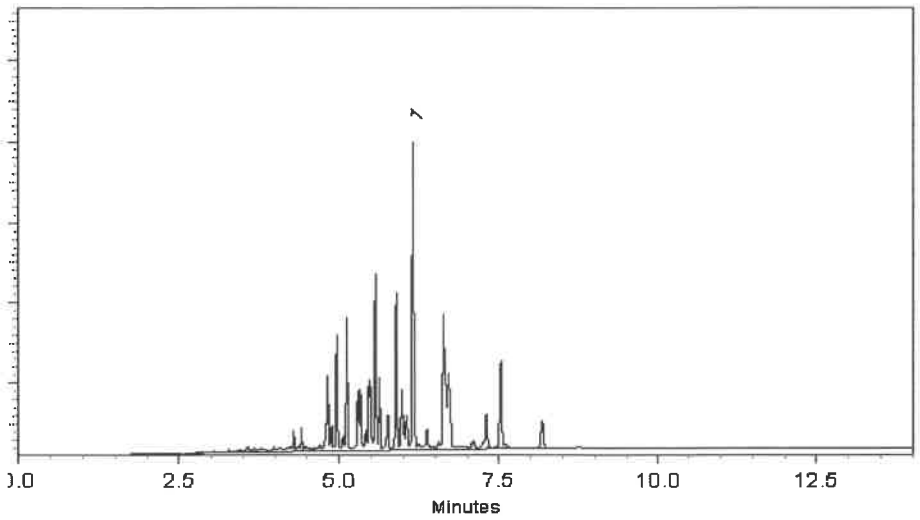
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Rebecca Gingerich - Operations Tech II

Date Mixed: 25-Sep-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Sep-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

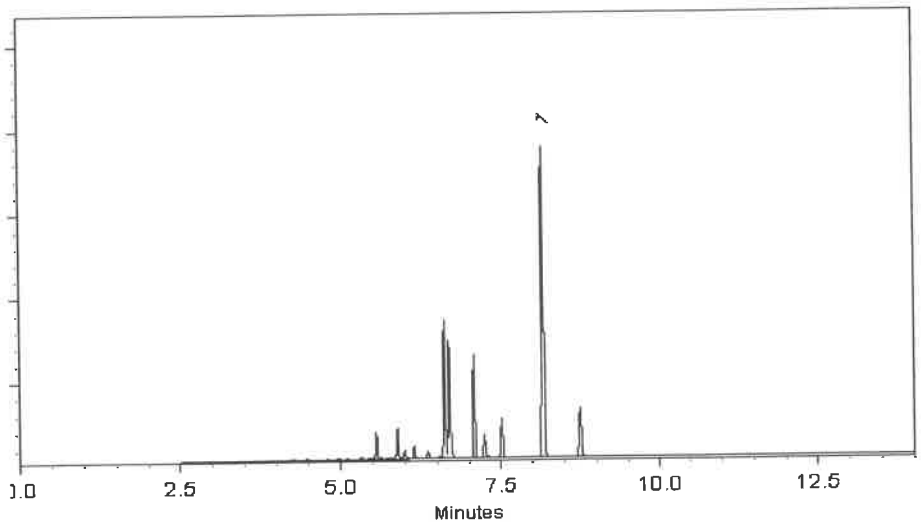
Inj. Temp:
250°C

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3419
COC Number 2045127 Q3421

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: AECOM
ADDRESS: 605 3rd Ave
CITY New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner
PHONE: 212-377-8721 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Port Richmond
PROJECT NO.: 60693795 LOCATION: Staten Isl
PROJECT MANAGER: Rob Forstner
e-mail: Robert.Forstner@aecom.com
PHONE: 11 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: Rob Forstner PHONE: 11

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☑ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1: SVOCs 2: Pesticides TCL 3: Hg Metals 4: PCBs Hexchrome 5: Dioxin 6: Grainsize 7: TOCs 8: VOCs 9:

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRES 1	PRES 2	PRES 3	PRES 4	PRES 5	PRES 6	PRES 7	PRES 8	PRES 9
1.	PR-132-S16-015094-20251021	S		X	10/21	9:31	11	X	X	X	X	X	X	X	X	
2.	PR-132-S16-015094-20251021-MS	S		X	10/21	9:31	10	X	X	X	X	X		X	X	
3.	PR132-S16-015094-20251021-MSD	S		X	10/21	9:31	10	X	X	X	X	X		X	X	
4.	PR132-S16-119133-20251021	S		X	10/21	9:35	11	X	X	X	X	X	X	X	X	
5.	PR132-S16-094119-20251021	S		X	10/21	9:33	11	X	X	X	X	X	X	X	X	
6.	Temp Blank	A			10/21		1	X	X	X	X	X			X	
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Jim Aldersen	10/21/25 430	1. 1635 10-21-25
2.		2.
3.	10-21-25 1742	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

Copyright © 2024

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3419 AECO02
Client Name : AECOM
Client Contact : Rob Forstner
Invoice Name : AECOM
Invoice Contact : Rob Forstner

Order Date : 10/22/2025 11:01:00 AM
Project Name : AE1-CTY 3.2.Z-PR-DOCK
Receive DateTime : 10/21/2025 5:40:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3419-01	PR-132-S16-015094-20251021	Solid	10/21/2025	09:31					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3419-02	Q3419-01MS	Solid	10/21/2025	09:31					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3419-03	Q3419-01MSD	Solid	10/21/2025	09:31					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3419-04	PR132 ~~PR-132~~-S16-119133-20251021	Solid	10/21/2025	09:35					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3419-05	PR132 P~~R-132~~-S16-094119-20251021	Solid	10/21/2025	09:33					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : [signature]
Date / Time : 10/22/25 1245

Received By : JC
Date / Time : 10/22/25 1245

Storage Area : VOA Refridgerator Room