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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : AE1-CTY 3.2.Z-PR-DOCK-DES-ODC - 60693795-1719206

AECOM

605 3rd Avenue

29th Floor

New York, NY - 10158

Phone No: 212-973-2900

ORDER ID : Q3393

ATTENTION : Rob Forstner

Laboratory Certification ID # 20012

Alliance TECHNICAL GROUP

Table Of Contents for Q3393

1) PCB Data 2

2) Signature Page 4

3) Case Narrative 5

4) Qualifier Page 7

5) Conformance/Non Conformance 8

6) QA Checklist 10

7) Chronicle 11

8) Hit Summary 12

9) QC Data Summary For PCB 13

- 9.1) Deuterated Monitoring Compound Summary 14
- 9.2) MS/MSD Summary 16
- 9.3) LCS/LCSD Summary 18
- 9.4) Method Blank Summary 19

10) Sample Data 20

- 10.1) PR132-S10-000022-20251017 21
- 10.2) PR132-S10-022047-20251017 28
- 10.3) PR132-S08-013038-20251017 32
- 10.4) PR132-S06-000021-20251017 36
- 10.5) PR132-S08-000013-20251017 40

11) Calibration Data Summary 47

- 11.1) Initial Calibration Data 48
  - 11.1.1) PO100925 48
  - 11.1.2) PQ101025 267
- 11.2) Continued Calibration Data 486
  - 11.2.1) PO114542.D 486
  - 11.2.2) PO114557.D 498
  - 11.2.3) PO114565.D 510
  - 11.2.4) PQ071029.D 522
  - 11.2.5) PQ071044.D 534
  - 11.2.6) PQ071134.D 546
  - 11.2.7) PQ071145.D 558
- 11.3) Analytical Seq 570

12) Compound Detection Summary 574

13) QC Sample Data 579

- 13.1) Method Blank Data 580

13.2) PIBLK Data 584
13.3) LCS Data 620
13.4) MS Data 629
13.5) MSD Data 638
14) Manual Integration 647
15) Analytical Runlogs 654
16) Percent Solid 674
17) Extraction Logs 676
17.1) PB170178.pdf 676
17.2) PB170178IC.pdf 678
18) Standard Prep Logs 679
19) Shipping Document 771
19.1) Chain Of Custody 772
19.2) Lab Certificate 773
19.3) Internal COC 774

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

Cover Page

Order ID : Q3393

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

Client : AECOM

Lab Sample Number	Client Sample Number
Q3393-01	PR132-S10-000022-20251017
Q3393-02	PR132-S10-022047-20251017
Q3393-03	PR132-S08-013038-20251017
Q3393-04	PR132-S06-000021-20251017
Q3393-05	PR132-S08-000013-20251017

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: 10/29/2025

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 # Q3393
Test Name: PCB

A. Number of Samples and Date of Receipt:
5 Solid samples were received on 10/17/2025.

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

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis except for PR132-S08-000013-20251017 [Tetrachloro-m-xylene(2)151%]AS per method one surrogate allowed to fail to meet the criteria per column, No further corrective action was taken.

The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.

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

The Continuous Calibration File ID PO114565.D met the requirements except for Aroclor-1260(Peak-02),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: Q3393 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 PO114565.D met the requirements except for Aroclor-1260(Peak-02),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. The Surrogate recoveries were met for all analysis except for PR132-S08-000013-20251017 [Tetrachloro-m-xylene(2)151%]AS per method one surrogate allowed to fail to meet the criteria per column, No further corrective action was taken.		✓	
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The MS recoveries met the requirements for all compounds. The MSD recoveries met the requirements for all compounds. The Blank Spike met requirements for all compounds. The RPD were met for all analysis.			✓
7.	Retention Time Shift Meet Criteria (if applicable) Comments:			✓
8.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:			✓

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

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

ADDITIONAL COMMENTS:

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 #: Q3393

	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:** 10/29/2025

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

LAB CHRONICLE

OrderID:	Q3393	**OrderDate:**	10/17/2025 4:23:00 PM
Client:	AECOM	**Project:**	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60697095.171206
Contact:	Rob Forstner	**Location:**	Bldg 70 Refl #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3393-01	**PR132-S10-000022-2 0251017**	**SOIL**			**10/17/25**			**10/17/25**
			PCB	8082A		10/21/25	10/21/25	
			Pesticide-TCL	8081B		10/21/25	10/21/25	
Q3393-02	**PR132-S10-022047-2 0251017**	**SOIL**			**10/17/25**			**10/17/25**
			PCB	8082A		10/21/25	10/21/25	
			Pesticide-TCL	8081B		10/21/25	10/21/25	
Q3393-03	**PR132-S08-013038-2 0251017**	**SOIL**			**10/17/25**			**10/17/25**
			PCB	8082A		10/21/25	10/21/25	
			Pesticide-TCL	8081B		10/21/25	10/21/25	
Q3393-04	**PR132-S06-000021-2 0251017**	**SOIL**			**10/17/25**			**10/17/25**
			PCB	8082A		10/21/25	10/21/25	
			Pesticide-TCL	8081B		10/21/25	10/21/25	
Q3393-05	**PR132-S08-000013-2 0251017**	**SOIL**			**10/17/25**			**10/17/25**
			PCB	8082A		10/21/25	10/21/25	
			Pesticide-TCL	8081B		10/21/25	10/21/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3393 **Order ID:** Q3393

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 : PR132-S10-000022-20251017								
Q3393-01	PR132-S10-000022-2(	SOIL	Aroclor-1248	51.2		10.6	30.3	ug/kg
			Total Concentration:	**51.200**				
Client ID : PR132-S08-000013-20251017								
Q3393-05	PR132-S08-000013-2(	SOIL	Aroclor-1254	26.1	J	6.20	32.6	ug/kg
			Total Concentration:	**26.100**				

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3393

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-PO114546.D	PIBLK-PO114546.D	Tetrachloro-m-xyl	1	20	21.7	109		60	140
		Decachlorobiphen	1	20	21.3	106		60	140
		Tetrachloro-m-xyl	2	20	21.9	110		60	140
		Decachlorobiphen	2	20	21.5	107		60	140
Q3393-01	PR132-S10-000022-20251017	Tetrachloro-m-xyl	1	20	17.3	86		32	144
		Decachlorobiphen	1	20	16.2	81		32	175
		Tetrachloro-m-xyl	2	20	25.3	127		32	144
		Decachlorobiphen	2	20	16.4	82		32	175
Q3393-02	PR132-S10-022047-20251017	Tetrachloro-m-xyl	1	20	23.0	115		32	144
		Decachlorobiphen	1	20	20.0	100		32	175
		Tetrachloro-m-xyl	2	20	23.2	116		32	144
		Decachlorobiphen	2	20	20.1	101		32	175
I.BLK-PO114561.D	PIBLK-PO114561.D	Tetrachloro-m-xyl	1	20	22.3	112		60	140
		Decachlorobiphen	1	20	21.7	108		60	140
		Tetrachloro-m-xyl	2	20	22.1	110		60	140
		Decachlorobiphen	2	20	21.9	110		60	140
Q3393-03	PR132-S08-013038-20251017	Tetrachloro-m-xyl	1	20	18.3	92		32	144
		Decachlorobiphen	1	20	16.0	80		32	175
		Tetrachloro-m-xyl	2	20	22.9	114		32	144
		Decachlorobiphen	2	20	15.9	80		32	175
Q3393-04	PR132-S06-000021-20251017	Tetrachloro-m-xyl	1	20	25.5	128		32	144
		Decachlorobiphen	1	20	20.9	104		32	175
		Tetrachloro-m-xyl	2	20	27.4	137		32	144
		Decachlorobiphen	2	20	21.0	105		32	175
Q3393-05	PR132-S08-000013-20251017	Tetrachloro-m-xyl	1	20	20.9	105		32	144
		Decachlorobiphen	1	20	20.2	101		32	175
		Tetrachloro-m-xyl	2	20	30.2	151	*	32	144
		Decachlorobiphen	2	20	20.1	100		32	175
I.BLK-PO114569.D	PIBLK-PO114569.D	Tetrachloro-m-xyl	1	20	23.4	117		60	140
		Decachlorobiphen	1	20	22.4	112		60	140
		Tetrachloro-m-xyl	2	20	22.6	113		60	140
		Decachlorobiphen	2	20	22.3	112		60	140
I.BLK-PQ070972.D	PIBLK-PQ070972.D	Tetrachloro-m-xyl	1	20	18.3	91		60	140
		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-PQ071033.D	PIBLK-PQ071033.D	Tetrachloro-m-xyl	1	20	21.8	109		60	140

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

Surrogate Summary

SDG No.: Q3393

Client: AECOM

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PQ071033.D	PIBLK-PQ071033.D	Decachlorobiphen	1	20	24.8	124		60	140
		Tetrachloro-m-xyl	2	20	20.7	104		60	140
		Decachlorobiphen	2	20	24.5	123		60	140
PB170178BL	PB170178BL	Tetrachloro-m-xyl	1	20	26.1	130		32	144
		Decachlorobiphen	1	20	29.7	148		32	175
		Tetrachloro-m-xyl	2	20	23.8	119		32	144
		Decachlorobiphen	2	20	28.1	141		32	175
Q3402-01MS	41-LAMS	Tetrachloro-m-xyl	1	20	23.0	115		32	144
		Decachlorobiphen	1	20	14.8	74		32	175
		Tetrachloro-m-xyl	2	20	20.9	104		32	144
		Decachlorobiphen	2	20	14.0	70		32	175
Q3402-01MSD	41-LAMSD	Tetrachloro-m-xyl	1	20	23.0	115		32	144
		Decachlorobiphen	1	20	14.4	72		32	175
		Tetrachloro-m-xyl	2	20	20.5	103		32	144
		Decachlorobiphen	2	20	13.7	68		32	175
I.BLK-PQ071048.D	PIBLK-PQ071048.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	22.3	112		60	140
		Tetrachloro-m-xyl	2	20	18.9	95		60	140
		Decachlorobiphen	2	20	22.5	113		60	140
I.BLK-PQ071138.D	PIBLK-PQ071138.D	Tetrachloro-m-xyl	1	20	21.4	107		60	140
		Decachlorobiphen	1	20	24.7	124		60	140
		Tetrachloro-m-xyl	2	20	19.5	98		60	140
		Decachlorobiphen	2	20	23.6	118		60	140
PB170178BS	PB170178BS	Tetrachloro-m-xyl	1	20	22.4	112		32	144
		Decachlorobiphen	1	20	25.7	129		32	175
		Tetrachloro-m-xyl	2	20	19.0	95		32	144
		Decachlorobiphen	2	20	24.3	122		32	175
I.BLK-PQ071147.D	PIBLK-PQ071147.D	Tetrachloro-m-xyl	1	20	20.9	105		60	140
		Decachlorobiphen	1	20	24.7	123		60	140
		Tetrachloro-m-xyl	2	20	19.4	97		60	140
		Decachlorobiphen	2	20	23.3	117		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.: Q3393 **Analytical Method:** 8082A

Client: AECOM **DataFile :** PQ071042.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3402-01MS (Column 1)**	**Client Sample ID:**		**41-LAMS**								
	AR1016	240.3	0	224	ug/kg	93				55	146	
	AR1260	240.3	0	183	ug/kg	76				54	119	
Lab Sample ID:	**Q3402-01MS (Column 2)**	**Client Sample ID:**		**41-LAMS**								
	AR1016	240.3	0	199	ug/kg	83				55	146	
	AR1260	240.3	0	167	ug/kg	69				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.: Q3393 **Analytical Method:** 8082A

Client: AECOM **DataFile :** PQ071043.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3402-01MSD (Column 1)**	**Client Sample ID:**		**41-LAMSD**								
	AR1016	240.4	0	222	ug/kg	92		1		55	146	15
	AR1260	240.4	0	179	ug/kg	74		3		54	119	15
Lab Sample ID:	**Q3402-01MSD (Column 2)**	**Client Sample ID:**		**41-LAMSD**								
	AR1016	240.4	0	196	ug/kg	82		1		55	146	15
	AR1260	240.4	0	164	ug/kg	68		1		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.: Q3393 **Analytical Method:** 8082A

Client: AECOM **Datafile :** PQ071140.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170178BS (Column 1)	AR1016	166.5	183	ug/kg	110				71	120	
	AR1260	166.5	181	ug/kg	109				65	130	
PB170178BS (Column 2)	AR1016	166.5	150	ug/kg	90				71	120	
	AR1260	166.5	149	ug/kg	89				65	130	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170178BL

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3393

Lab Sample ID: PB170178BL | Lab File ID: PQ071034.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/21/2025

Date Analyzed (1): 10/21/2025 | Date Analyzed (2): 10/21/2025

Time Analyzed (1): 13:31 | Time Analyzed (2): 13:31

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PR132-S10-000022-20251017	Q3393-01	PO114547.D	10/21/2025	10/21/2025
PR132-S10-022047-20251017	Q3393-02	PO114548.D	10/21/2025	10/21/2025
PR132-S08-013038-20251017	Q3393-03	PO114562.D	10/21/2025	10/21/2025
PR132-S06-000021-20251017	Q3393-04	PO114563.D	10/21/2025	10/21/2025
PR132-S08-000013-20251017	Q3393-05	PO114564.D	10/21/2025	10/21/2025
41-LAMS	Q3402-01MS	PQ071042.D	10/21/2025	10/21/2025
41-LAMSD	Q3402-01MSD	PQ071043.D	10/21/2025	10/21/2025
PB170178BS	PB170178BS	PQ071140.D	10/24/2025	10/24/2025

COMMENTS:

SAMPLE DATA

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

Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	PR132-S10-000022-20251017	SDG No.:	Q3393
Lab Sample ID:	Q3393-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	56
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	30.3	U	1	7.00	30.3	ug/kg	10/21/25 16:17	PB170178
11104-28-2	Aroclor-1221	30.3	U	1	7.20	30.3	ug/kg	10/21/25 16:17	PB170178
11141-16-5	Aroclor-1232	30.3	U	1	6.60	30.3	ug/kg	10/21/25 16:17	PB170178
53469-21-9	Aroclor-1242	30.3	U	1	7.10	30.3	ug/kg	10/21/25 16:17	PB170178
12672-29-6	Aroclor-1248	51.2		1	10.6	30.3	ug/kg	10/21/25 16:17	PB170178
11097-69-1	Aroclor-1254	30.3	U	1	5.70	30.3	ug/kg	10/21/25 16:17	PB170178
37324-23-5	Aroclor-1262	30.3	U	1	8.90	30.3	ug/kg	10/21/25 16:17	PB170178
11100-14-4	Aroclor-1268	30.3	U	1	6.40	30.3	ug/kg	10/21/25 16:17	PB170178
11096-82-5	Aroclor-1260	30.3	U	1	5.80	30.3	ug/kg	10/21/25 16:17	PB170178
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.3			32 - 144	127%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.4			32 - 175	82%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:17
Operator : YP/AJ
Sample : Q3393-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PR132-S10-000022-20251017

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:21:55 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...	4.354	3.657	93904508	101.3E6	17.297m	25.302 #
2)	SA Decachlor...	9.943	8.659	59092886	54532286	16.229	16.360
	Target Compounds						
21)	L5 AR-1248-1	5.494	4.738	11575745	8803792	117.690m	89.383
22)	L5 AR-1248-2	5.764	4.973	12080251	12007293	84.145m	89.571
23)	L5 AR-1248-3	5.964	5.016	8137835	9907446	51.242m	71.000 #
24)	L5 AR-1248-4	6.362	5.189	10879581	19815144	55.568	120.556 #
25)	L5 AR-1248-5	6.401	5.579	12716643	10215168	63.522	60.239m

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

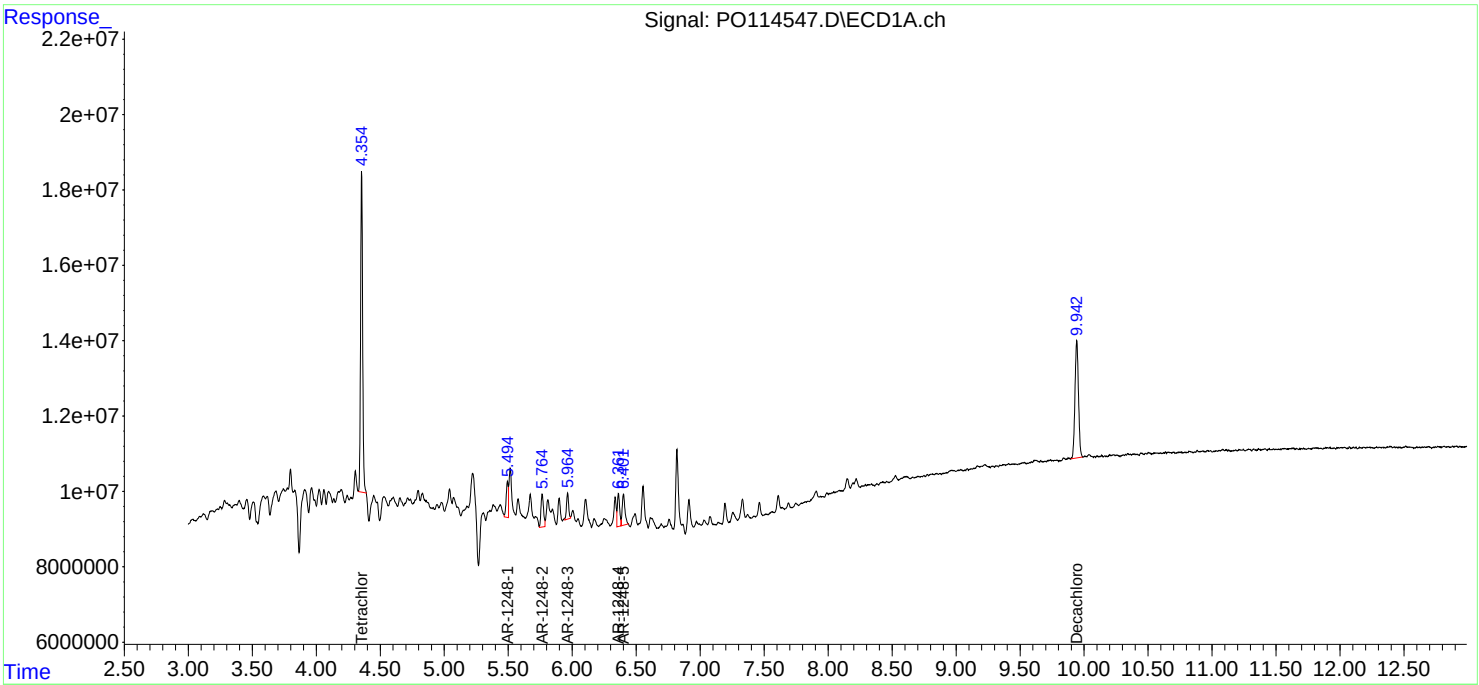
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:17
Operator : YP/AJ
Sample : Q3393-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

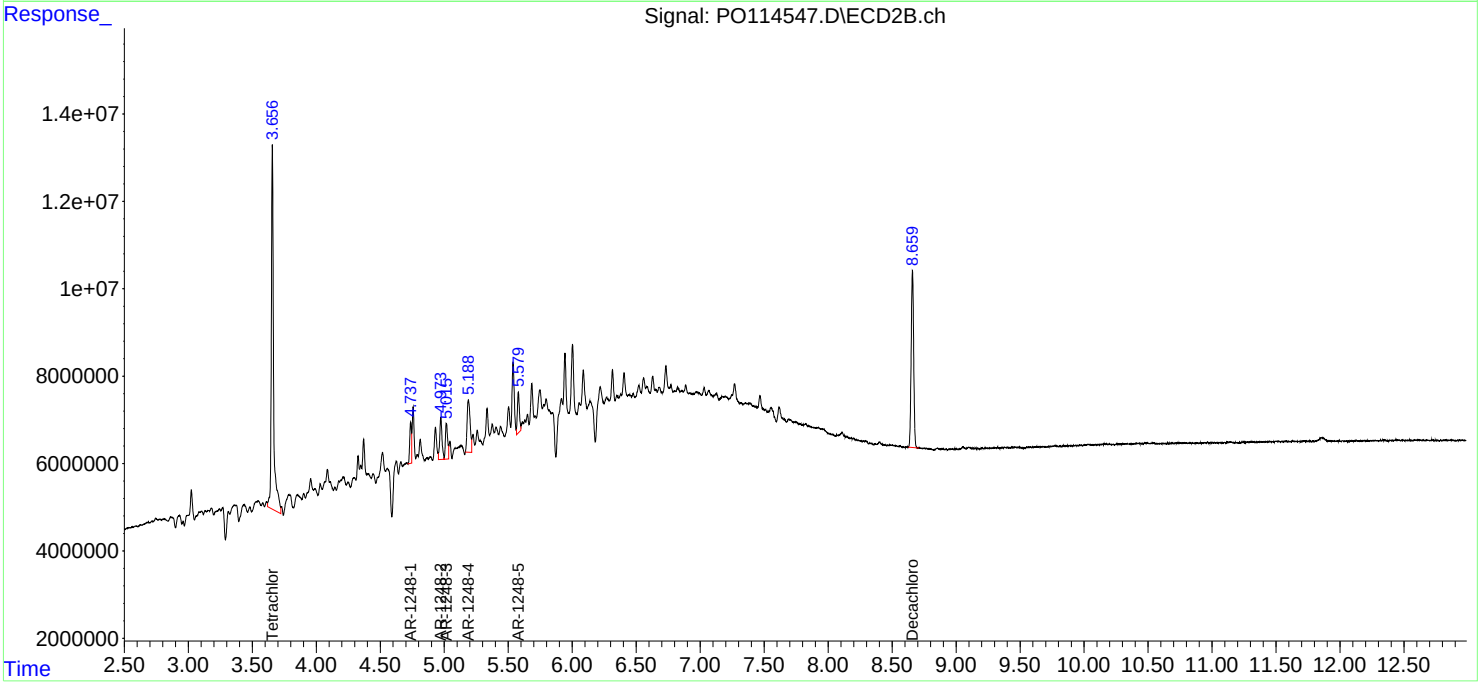
Instrument :
ECD_O
ClientSampleId :
PR132-S10-000022-20251017

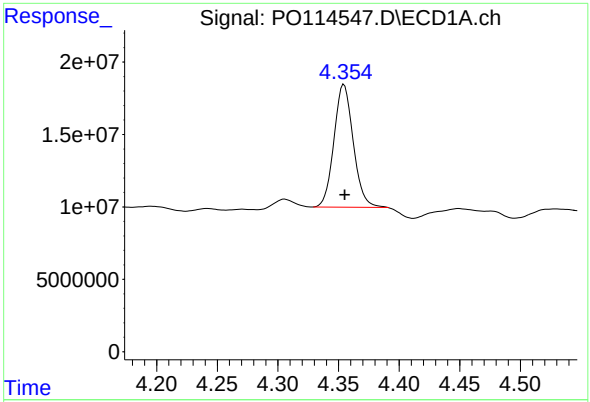
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:21:55 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







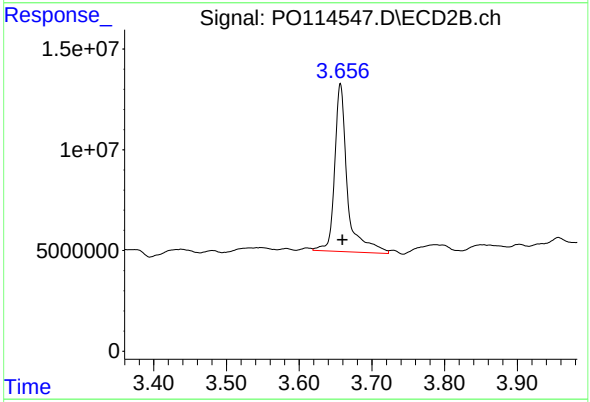
#1 Tetrachloro-m-xylene

R.T.: 4.354 min
Delta R.T.: -0.001 min
Response: 93904508
Conc: 17.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S10-000022-20251017

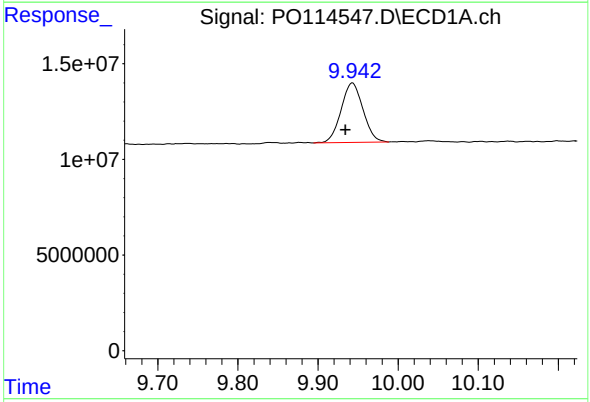
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



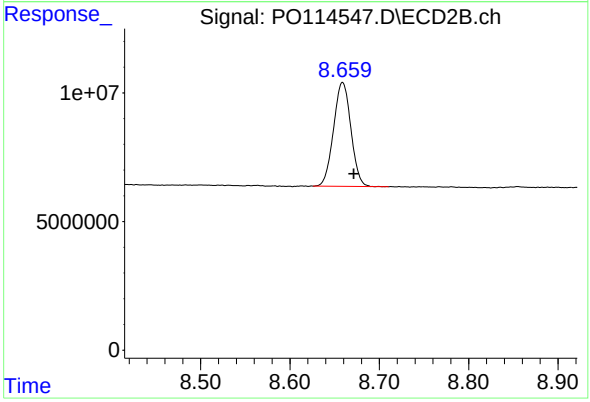
#1 Tetrachloro-m-xylene

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 101263377
Conc: 25.30 ng/ml



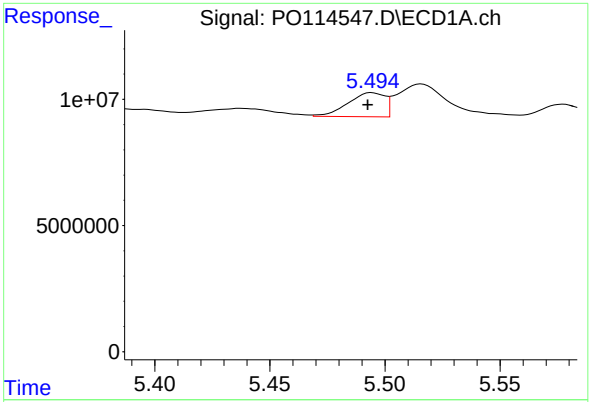
#2 Decachlorobiphenyl

R.T.: 9.943 min
Delta R.T.: 0.009 min
Response: 59092886
Conc: 16.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.659 min
Delta R.T.: -0.012 min
Response: 54532286
Conc: 16.36 ng/ml



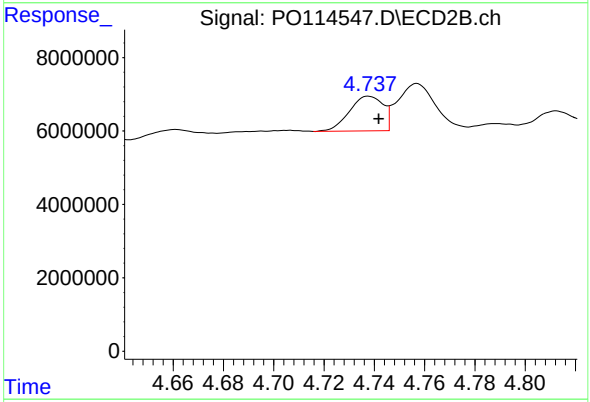
#21 AR-1248-1

R.T.: 5.494 min
Delta R.T.: 0.001 min
Response: 11575745
Conc: 117.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S10-000022-20251017

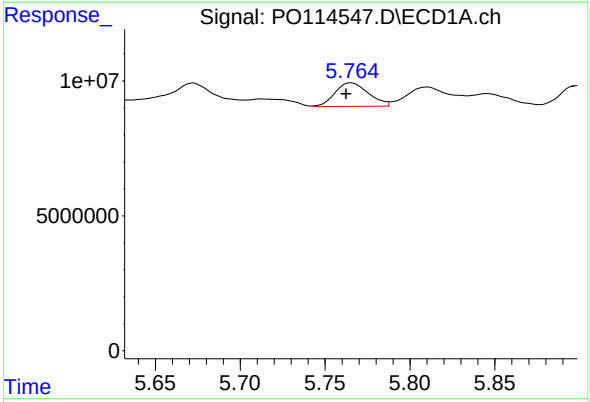
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



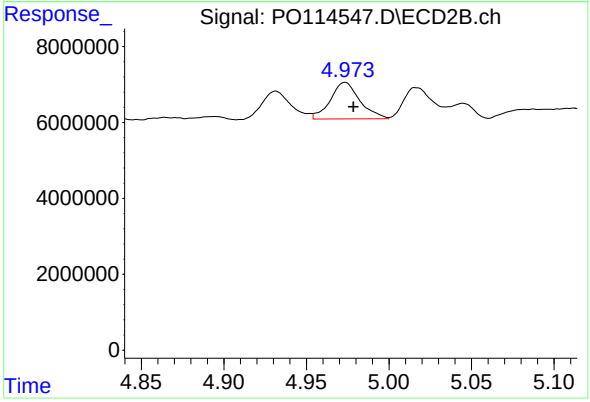
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 8803792
Conc: 89.38 ng/ml



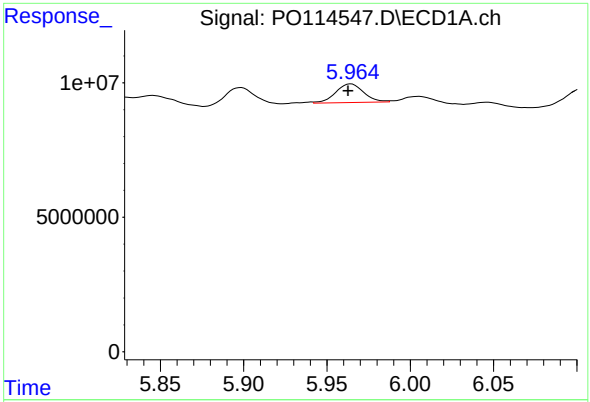
#22 AR-1248-2

R.T.: 5.764 min
Delta R.T.: 0.002 min
Response: 12080251
Conc: 84.14 ng/ml m



#22 AR-1248-2

R.T.: 4.973 min
Delta R.T.: -0.005 min
Response: 12007293
Conc: 89.57 ng/ml



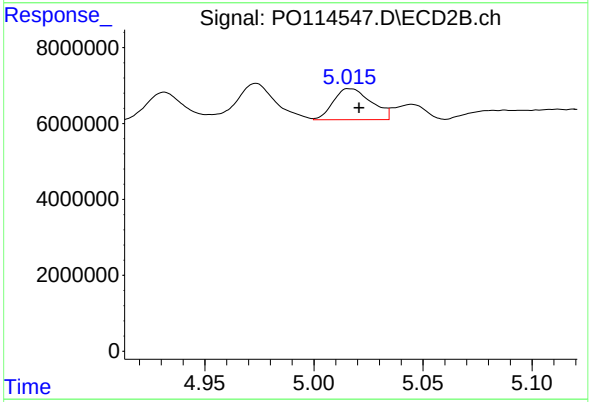
#23 AR-1248-3

R.T.: 5.964 min
Delta R.T.: 0.001 min
Response: 8137835
Conc: 51.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S10-000022-20251017

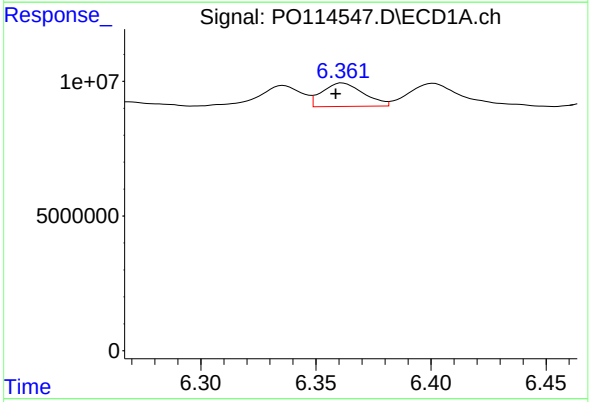
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



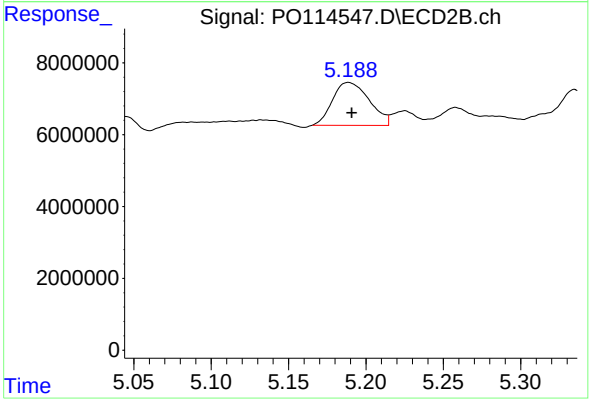
#23 AR-1248-3

R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 9907446
Conc: 71.00 ng/ml



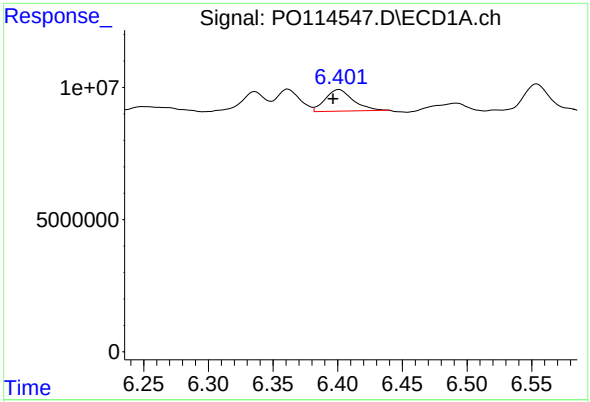
#24 AR-1248-4

R.T.: 6.362 min
Delta R.T.: 0.003 min
Response: 10879581
Conc: 55.57 ng/ml



#24 AR-1248-4

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 19815144
Conc: 120.56 ng/ml



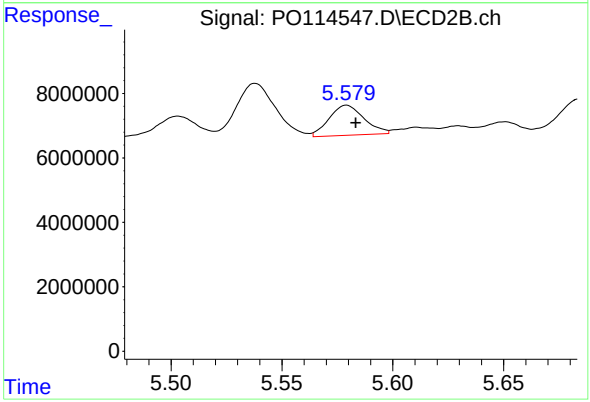
#25 AR-1248-5

R.T.: 6.401 min
Delta R.T.: 0.005 min
Response: 12716643
Conc: 63.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S10-000022-20251017

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



#25 AR-1248-5

R.T.: 5.579 min
Delta R.T.: -0.004 min
Response: 10215168
Conc: 60.24 ng/ml m

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

Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	PR132-S10-022047-20251017	SDG No.:	Q3393
Lab Sample ID:	Q3393-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	54
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	31.4	U	1	7.30	31.4	ug/kg	10/21/25 16:36	PB170178
11104-28-2	Aroclor-1221	31.4	U	1	7.40	31.4	ug/kg	10/21/25 16:36	PB170178
11141-16-5	Aroclor-1232	31.4	U	1	6.90	31.4	ug/kg	10/21/25 16:36	PB170178
53469-21-9	Aroclor-1242	31.4	U	1	7.40	31.4	ug/kg	10/21/25 16:36	PB170178
12672-29-6	Aroclor-1248	31.4	U	1	10.9	31.4	ug/kg	10/21/25 16:36	PB170178
11097-69-1	Aroclor-1254	31.4	U	1	5.90	31.4	ug/kg	10/21/25 16:36	PB170178
37324-23-5	Aroclor-1262	31.4	U	1	9.30	31.4	ug/kg	10/21/25 16:36	PB170178
11100-14-4	Aroclor-1268	31.4	U	1	6.70	31.4	ug/kg	10/21/25 16:36	PB170178
11096-82-5	Aroclor-1260	31.4	U	1	6.00	31.4	ug/kg	10/21/25 16:36	PB170178
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.2			32 - 144	116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.1			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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:36
Operator : YP/AJ
Sample : Q3393-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PR132-S10-022047-20251017

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:22:19 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...	4.355	3.656	124.9E6	92712391	22.999	23.165
2)	SA Decachlor...	9.943	8.658	72865500	67107263	20.012	20.133
	Target Compounds						

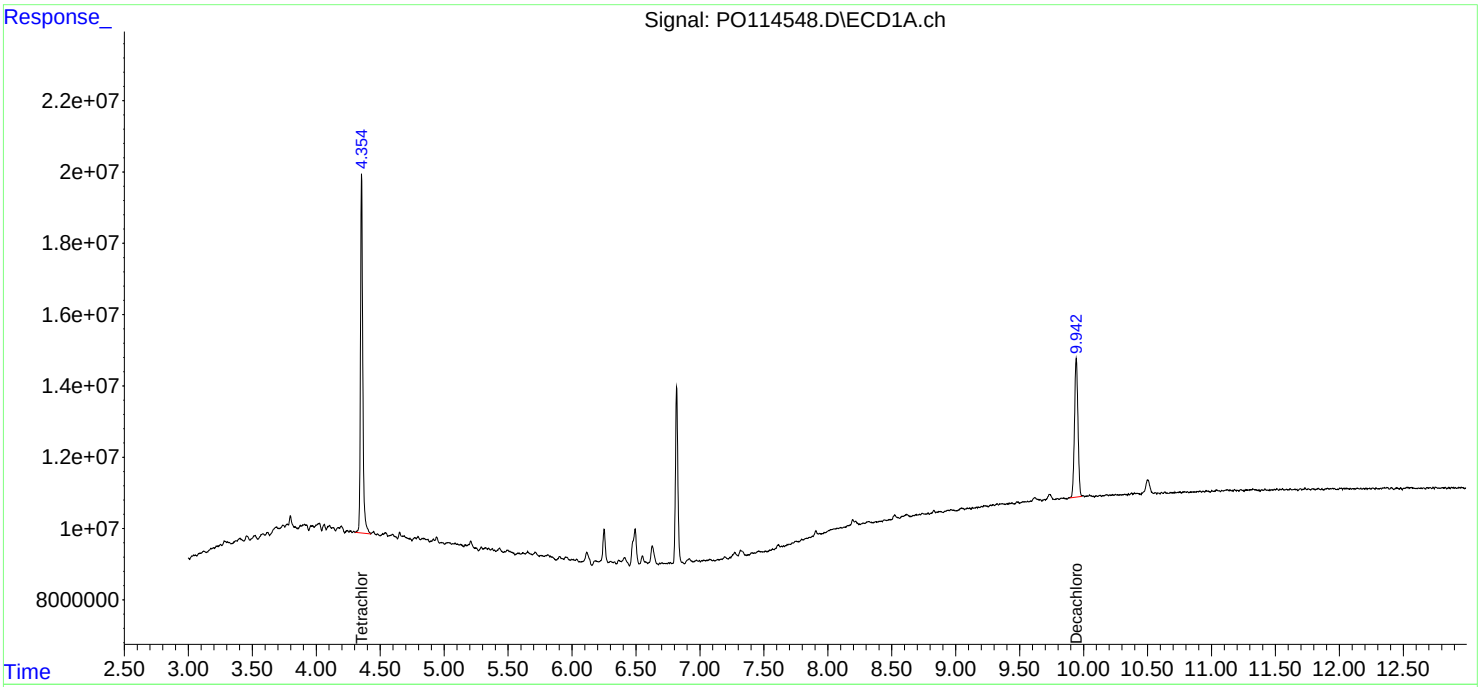
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

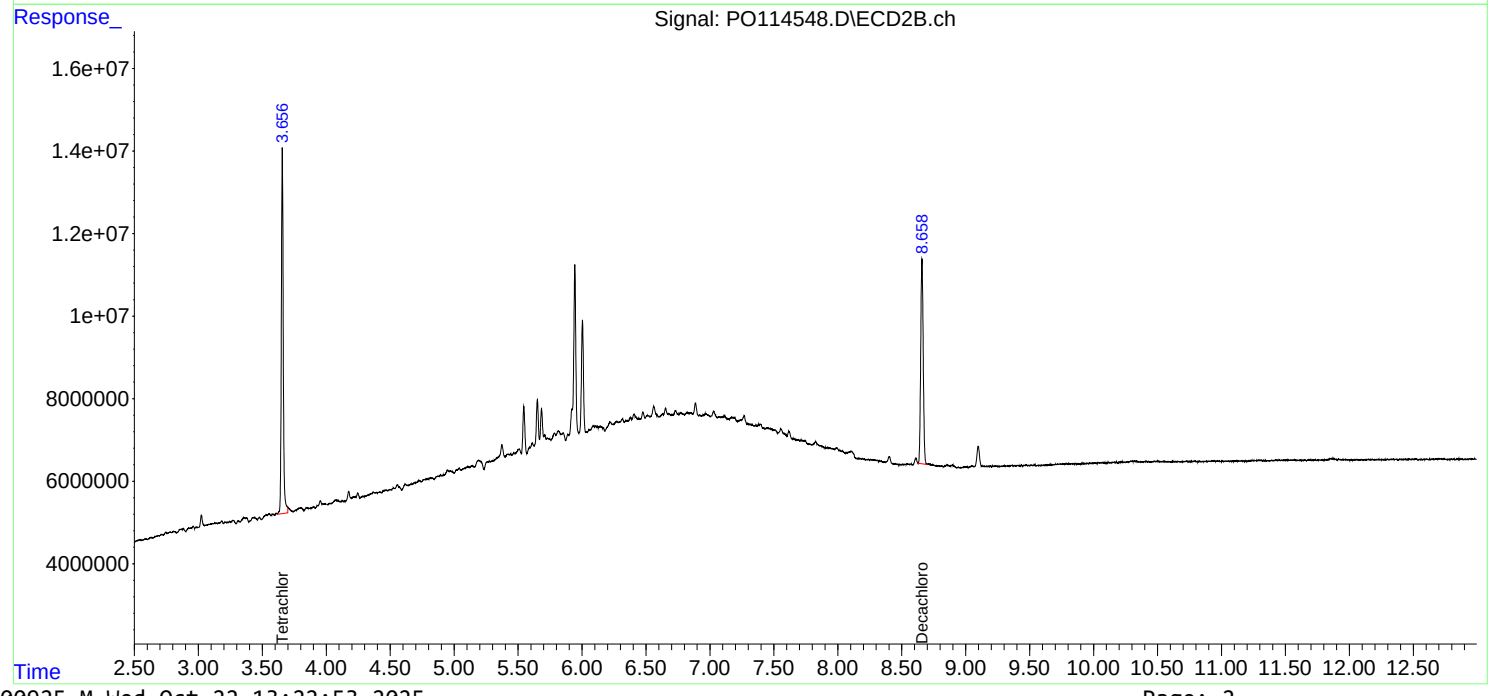
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:36
Operator : YP/AJ
Sample : Q3393-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

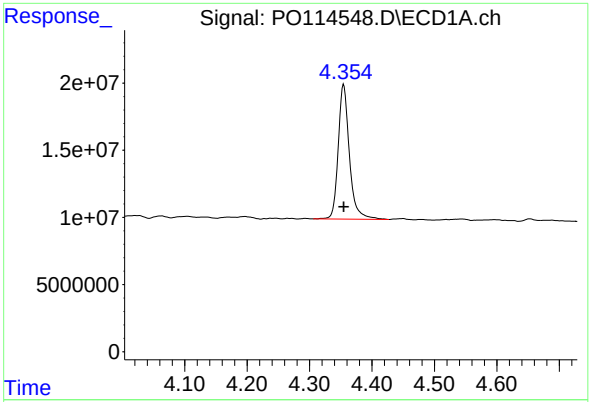
Instrument :
ECD_O
ClientSampleId :
PR132-S10-022047-20251017

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:22:19 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



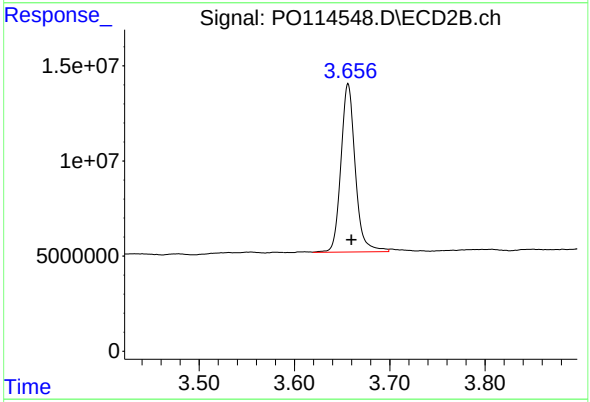




#1 Tetrachloro-m-xylene

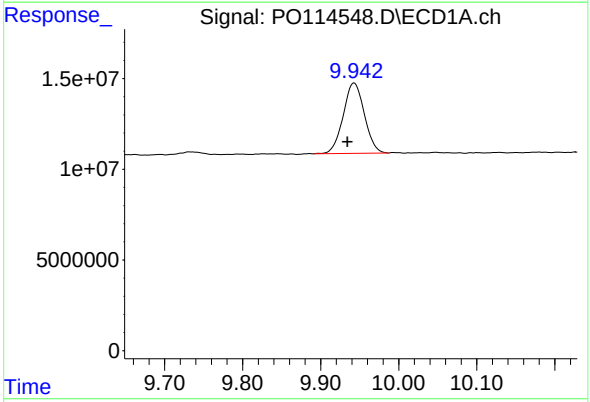
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 124861975
Conc: 23.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S10-022047-20251017



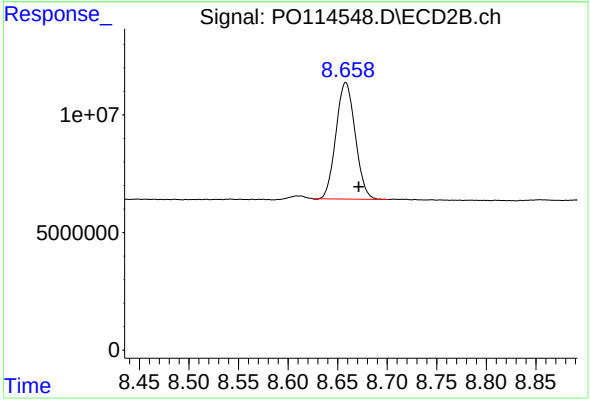
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: -0.003 min
Response: 92712391
Conc: 23.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.943 min
Delta R.T.: 0.009 min
Response: 72865500
Conc: 20.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.658 min
Delta R.T.: -0.013 min
Response: 67107263
Conc: 20.13 ng/ml

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:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	PR132-S08-013038-20251017	SDG No.:	Q3393
Lab Sample ID:	Q3393-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	52.8
Sample Wt/Vol:	30.05 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	32.1	U	1	7.50	32.1	ug/kg	10/21/25 22:01	PB170178
11104-28-2	Aroclor-1221	32.1	U	1	7.60	32.1	ug/kg	10/21/25 22:01	PB170178
11141-16-5	Aroclor-1232	32.1	U	1	7.00	32.1	ug/kg	10/21/25 22:01	PB170178
53469-21-9	Aroclor-1242	32.1	U	1	7.60	32.1	ug/kg	10/21/25 22:01	PB170178
12672-29-6	Aroclor-1248	32.1	U	1	11.2	32.1	ug/kg	10/21/25 22:01	PB170178
11097-69-1	Aroclor-1254	32.1	U	1	6.10	32.1	ug/kg	10/21/25 22:01	PB170178
37324-23-5	Aroclor-1262	32.1	U	1	9.50	32.1	ug/kg	10/21/25 22:01	PB170178
11100-14-4	Aroclor-1268	32.1	U	1	6.80	32.1	ug/kg	10/21/25 22:01	PB170178
11096-82-5	Aroclor-1260	32.1	U	1	6.10	32.1	ug/kg	10/21/25 22:01	PB170178
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.9			32 - 144	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.0			32 - 175	80%	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\PO102125\
Data File : PO114562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 22:01
Operator : YP/AJ
Sample : Q3393-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PR132-S08-013038-20251017

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:27:55 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	3.656	99334934	91586047	18.297m	22.884 #
2)	SA Decachlor...	9.937	8.656	58257634	53177911	16.000	15.954
	Target Compounds						

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

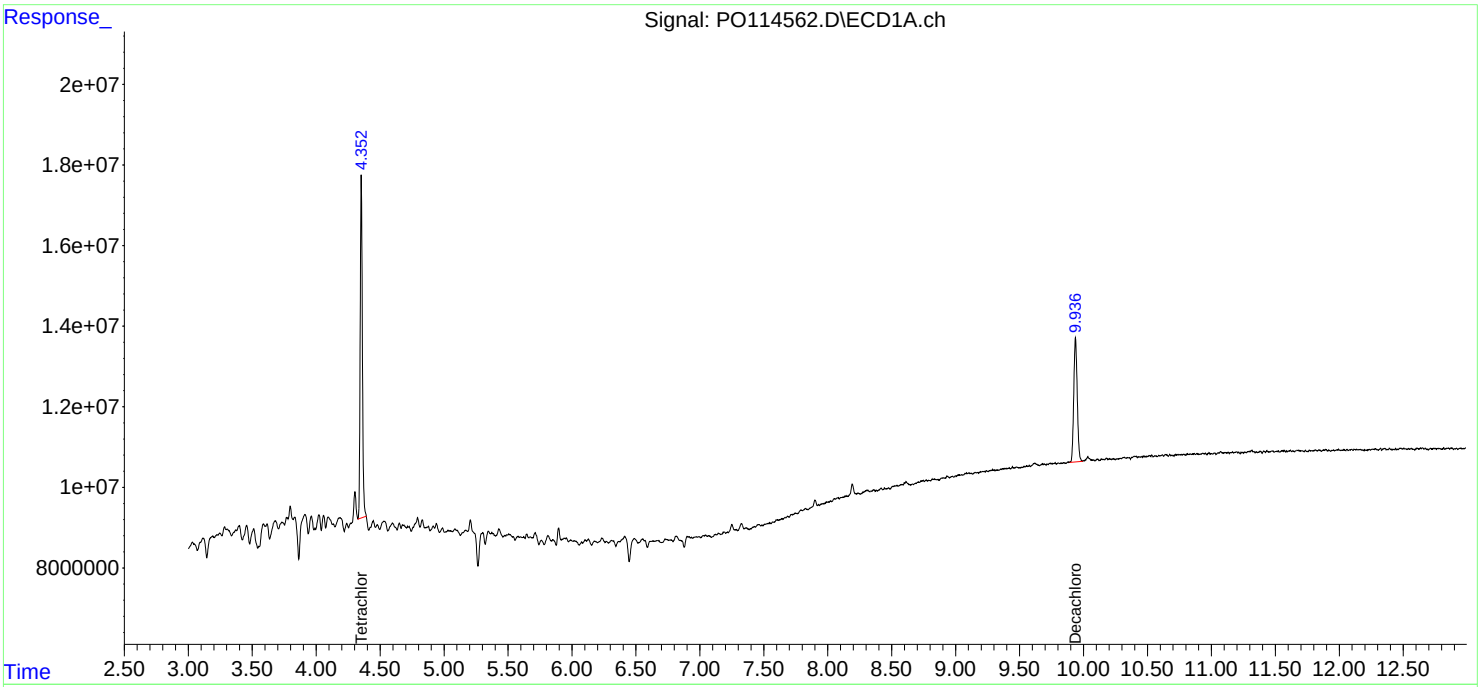
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 22:01
Operator : YP/AJ
Sample : Q3393-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

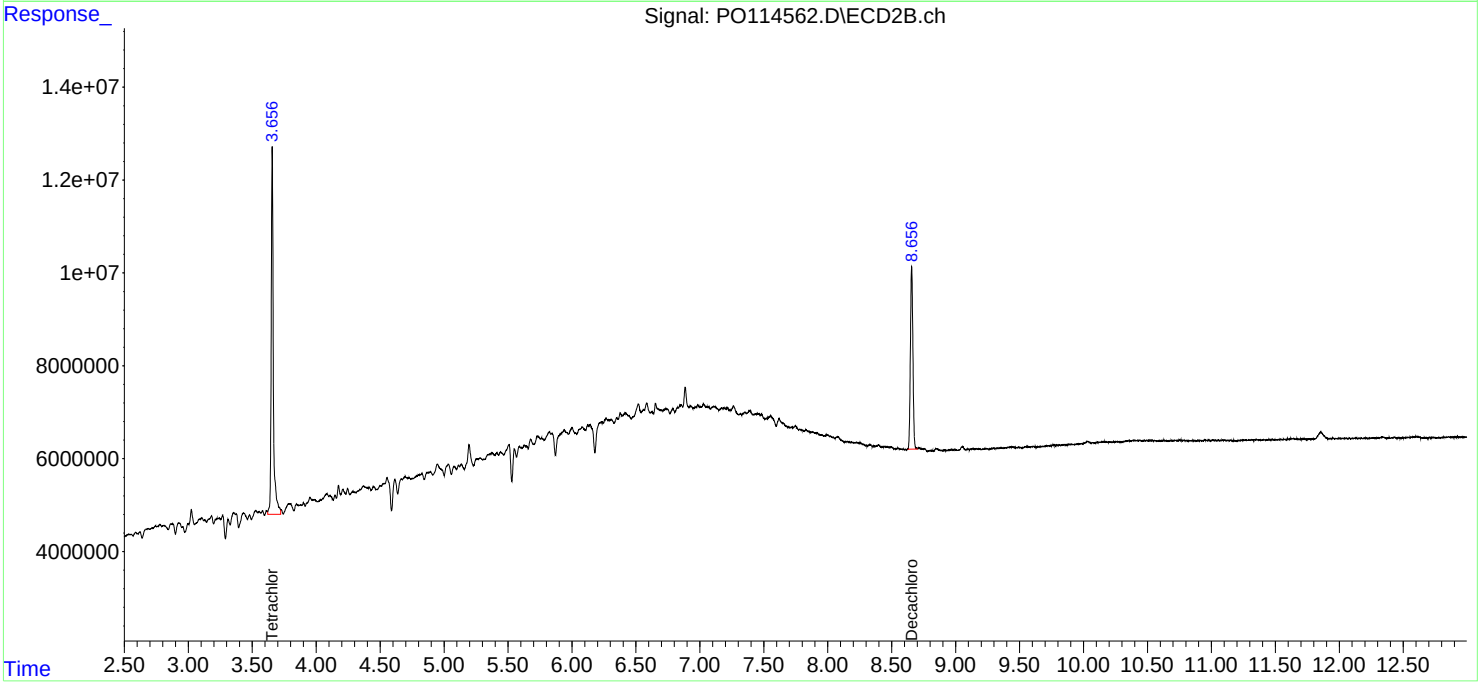
Instrument :
ECD_O
ClientSampleId :
PR132-S08-013038-20251017

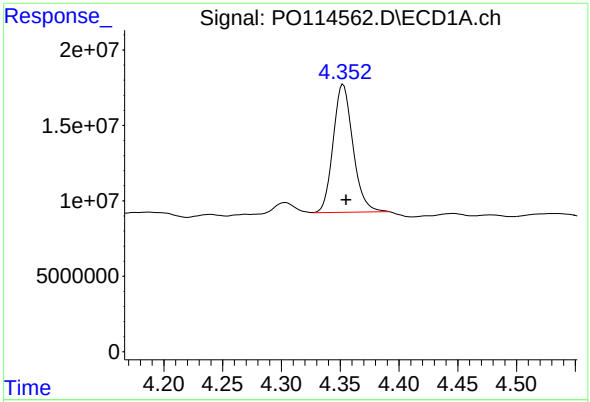
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:27:55 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







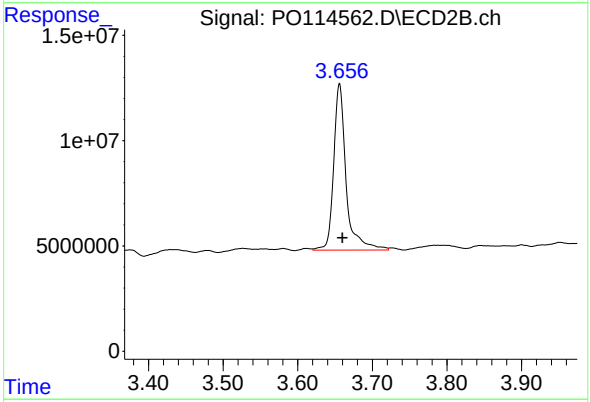
#1 Tetrachloro-m-xylene

R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 99334934
Conc: 18.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S08-013038-20251017

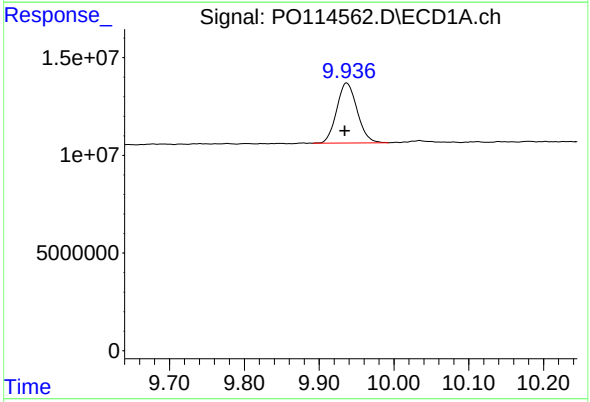
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



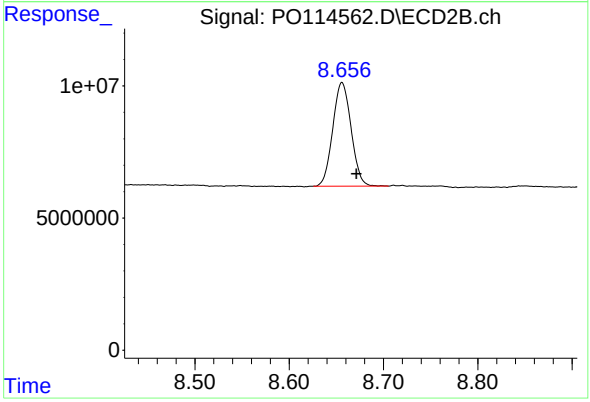
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: -0.004 min
Response: 91586047
Conc: 22.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.937 min
Delta R.T.: 0.002 min
Response: 58257634
Conc: 16.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.015 min
Response: 53177911
Conc: 15.95 ng/ml

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

Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	PR132-S06-000021-20251017	SDG No.:	Q3393
Lab Sample ID:	Q3393-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	56.2
Sample Wt/Vol:	30.08 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	30.2	U	1	7.00	30.2	ug/kg	10/21/25 22:19	PB170178
11104-28-2	Aroclor-1221	30.2	U	1	7.20	30.2	ug/kg	10/21/25 22:19	PB170178
11141-16-5	Aroclor-1232	30.2	U	1	6.60	30.2	ug/kg	10/21/25 22:19	PB170178
53469-21-9	Aroclor-1242	30.2	U	1	7.10	30.2	ug/kg	10/21/25 22:19	PB170178
12672-29-6	Aroclor-1248	30.2	U	1	10.5	30.2	ug/kg	10/21/25 22:19	PB170178
11097-69-1	Aroclor-1254	30.2	U	1	5.70	30.2	ug/kg	10/21/25 22:19	PB170178
37324-23-5	Aroclor-1262	30.2	U	1	8.90	30.2	ug/kg	10/21/25 22:19	PB170178
11100-14-4	Aroclor-1268	30.2	U	1	6.40	30.2	ug/kg	10/21/25 22:19	PB170178
11096-82-5	Aroclor-1260	30.2	U	1	5.70	30.2	ug/kg	10/21/25 22:19	PB170178
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.4			32 - 144	137%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.0			32 - 175	105%	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\PO102125\
Data File : PO114563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 22:19
Operator : YP/AJ
Sample : Q3393-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PR132-S06-000021-20251017

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:28:17 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...	4.354	3.656	138.6E6	109.9E6	25.537m	27.452
2)	SA Decachlor...	9.943	8.658	76114124	70108643	20.904	21.034
	Target Compounds						

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

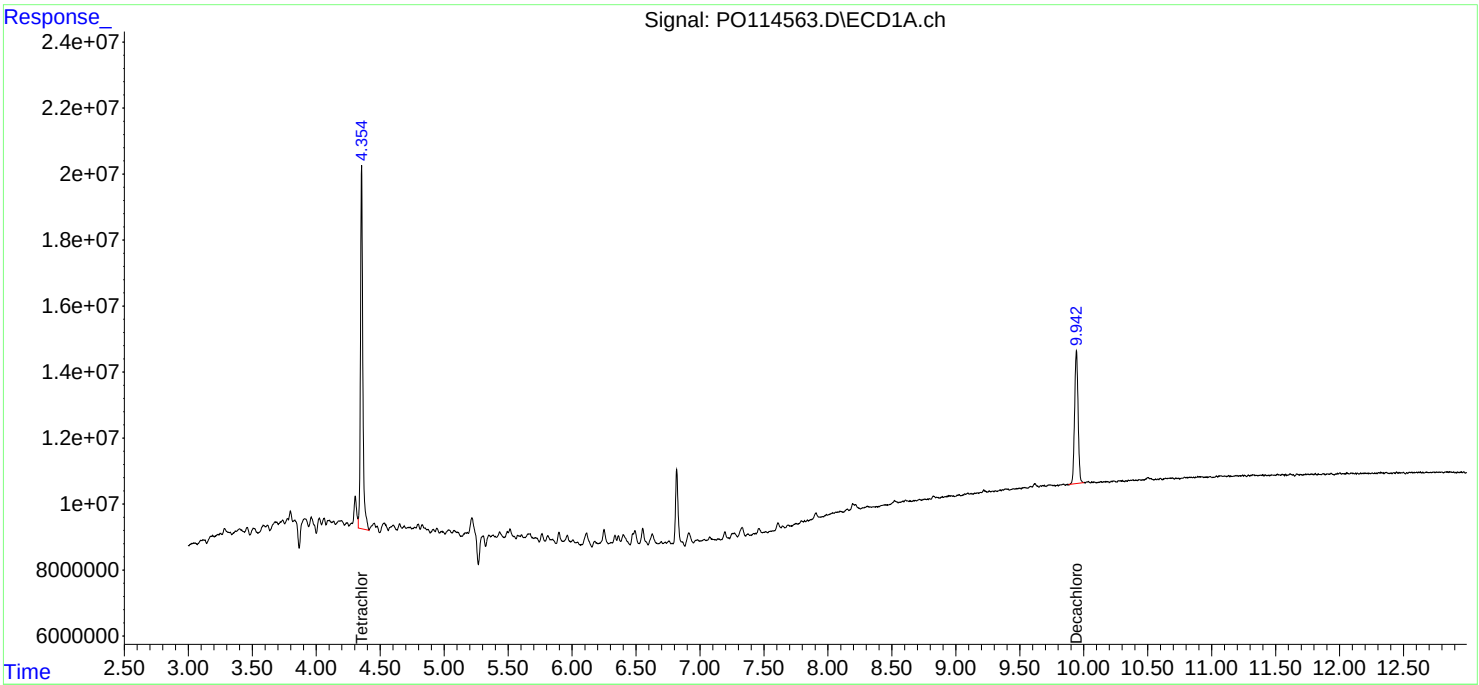
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 22:19
Operator : YP/AJ
Sample : Q3393-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

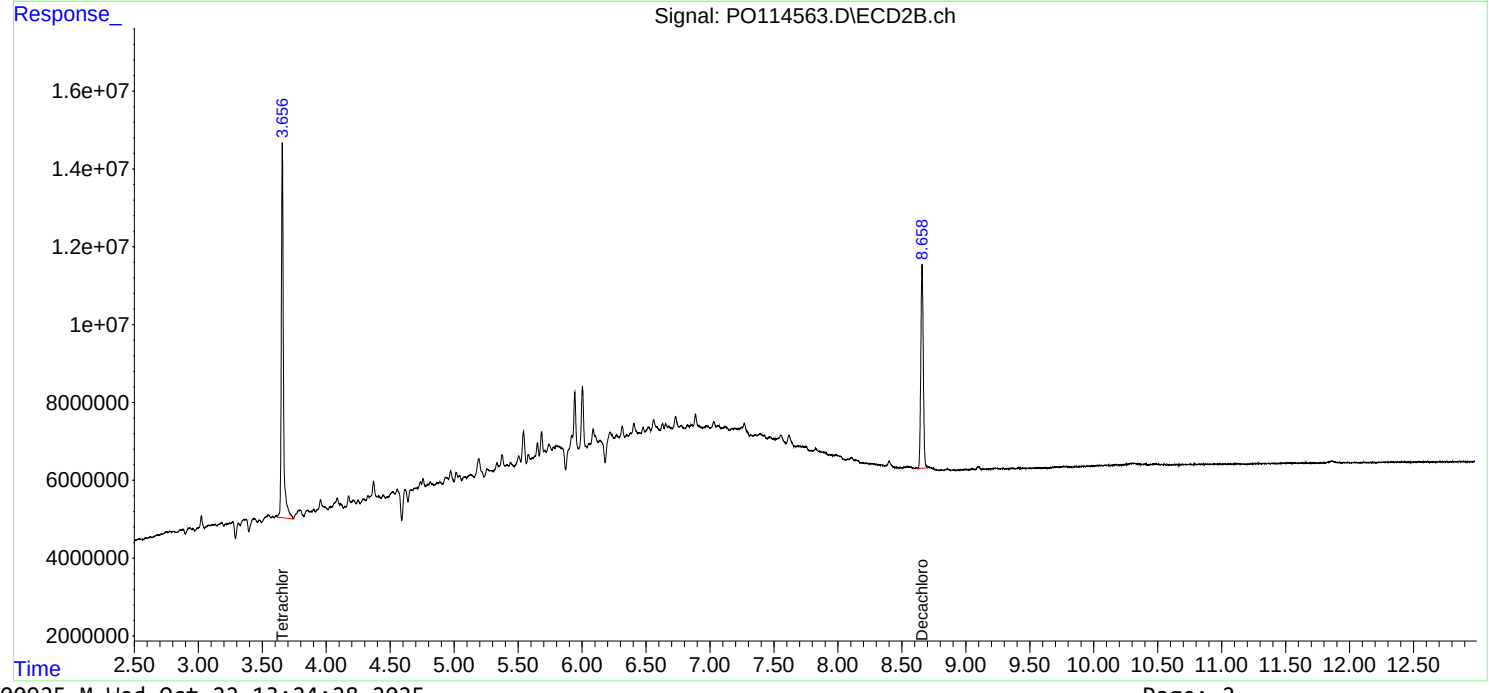
Instrument :
ECD_O
ClientSampleId :
PR132-S06-000021-20251017

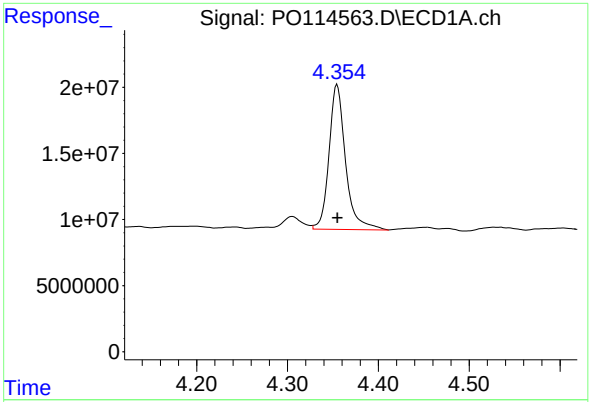
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:28:17 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







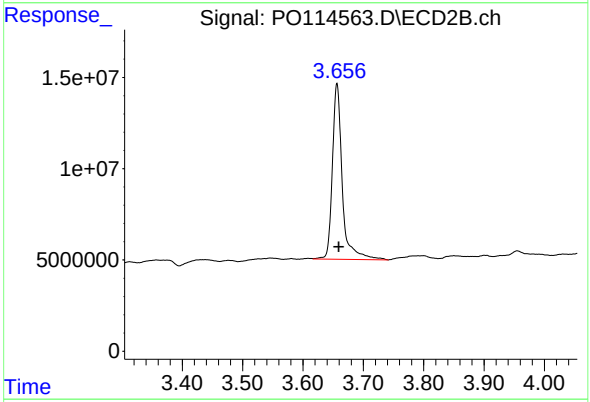
#1 Tetrachloro-m-xylene

R.T.: 4.354 min
Delta R.T.: -0.001 min
Response: 138638354
Conc: 25.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S06-000021-20251017

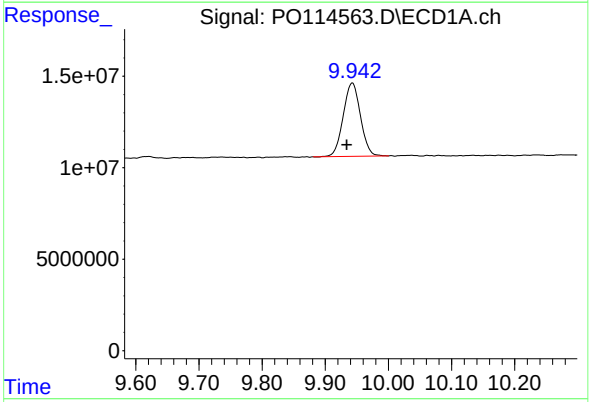
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



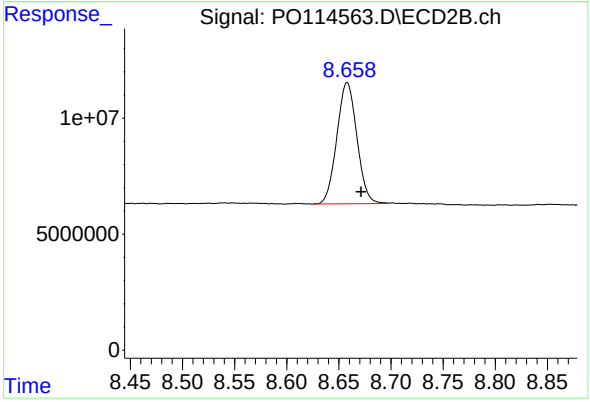
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: -0.003 min
Response: 109870590
Conc: 27.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.943 min
Delta R.T.: 0.009 min
Response: 76114124
Conc: 20.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.658 min
Delta R.T.: -0.013 min
Response: 70108643
Conc: 21.03 ng/ml

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

Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	PR132-S08-000013-20251017	SDG No.:	Q3393
Lab Sample ID:	Q3393-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	52
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	32.6	U	1	7.60	32.6	ug/kg	10/21/25 22:36	PB170178
11104-28-2	Aroclor-1221	32.6	U	1	7.70	32.6	ug/kg	10/21/25 22:36	PB170178
11141-16-5	Aroclor-1232	32.6	U	1	7.10	32.6	ug/kg	10/21/25 22:36	PB170178
53469-21-9	Aroclor-1242	32.6	U	1	7.70	32.6	ug/kg	10/21/25 22:36	PB170178
12672-29-6	Aroclor-1248	32.6	U	1	11.4	32.6	ug/kg	10/21/25 22:36	PB170178
11097-69-1	Aroclor-1254	26.1	J	1	6.20	32.6	ug/kg	10/21/25 22:36	PB170178
37324-23-5	Aroclor-1262	32.6	U	1	9.60	32.6	ug/kg	10/21/25 22:36	PB170178
11100-14-4	Aroclor-1268	32.6	U	1	6.90	32.6	ug/kg	10/21/25 22:36	PB170178
11096-82-5	Aroclor-1260	32.6	U	1	6.20	32.6	ug/kg	10/21/25 22:36	PB170178
SURROGATES									
877-09-8	Tetrachloro-m-xylene	30.2	*		32 - 144	151%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114564.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 22:36
Operator : YP/AJ
Sample : Q3393-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PR132-S08-000013-20251017

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:28:43 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	3.656	113.5E6	120.8E6	20.907m	30.176 #
2)	SA Decachlor...	9.938	8.657	73569390	66943844	20.205	20.084
	Target Compounds						
26)	L6 AR-1254-1	6.333	5.540	10342963	22666636	59.288	85.311 #
27)	L6 AR-1254-2	6.551	5.683	11648344	6921796	45.732	29.055m#
28)	L6 AR-1254-3	6.910	6.086	14345465	9712995	49.649	27.406m#
29)	L6 AR-1254-4	7.193	6.312	7257323	5645129	30.667	21.867m#
30)	L6 AR-1254-5	7.608	6.730	4129077	5066624	18.813	15.823m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114564.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 22:36
Operator : YP/AJ
Sample : Q3393-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

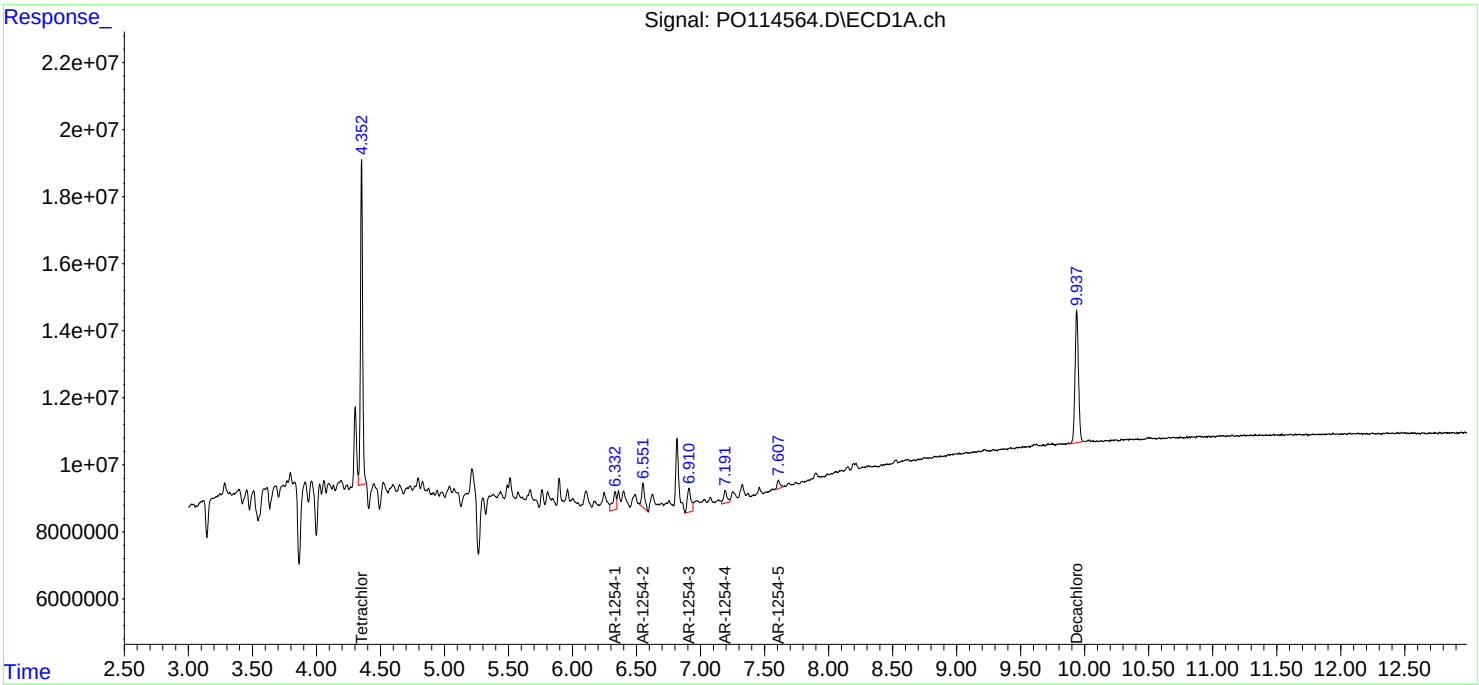
Instrument :
ECD_O
ClientSampleId :
PR132-S08-000013-20251017

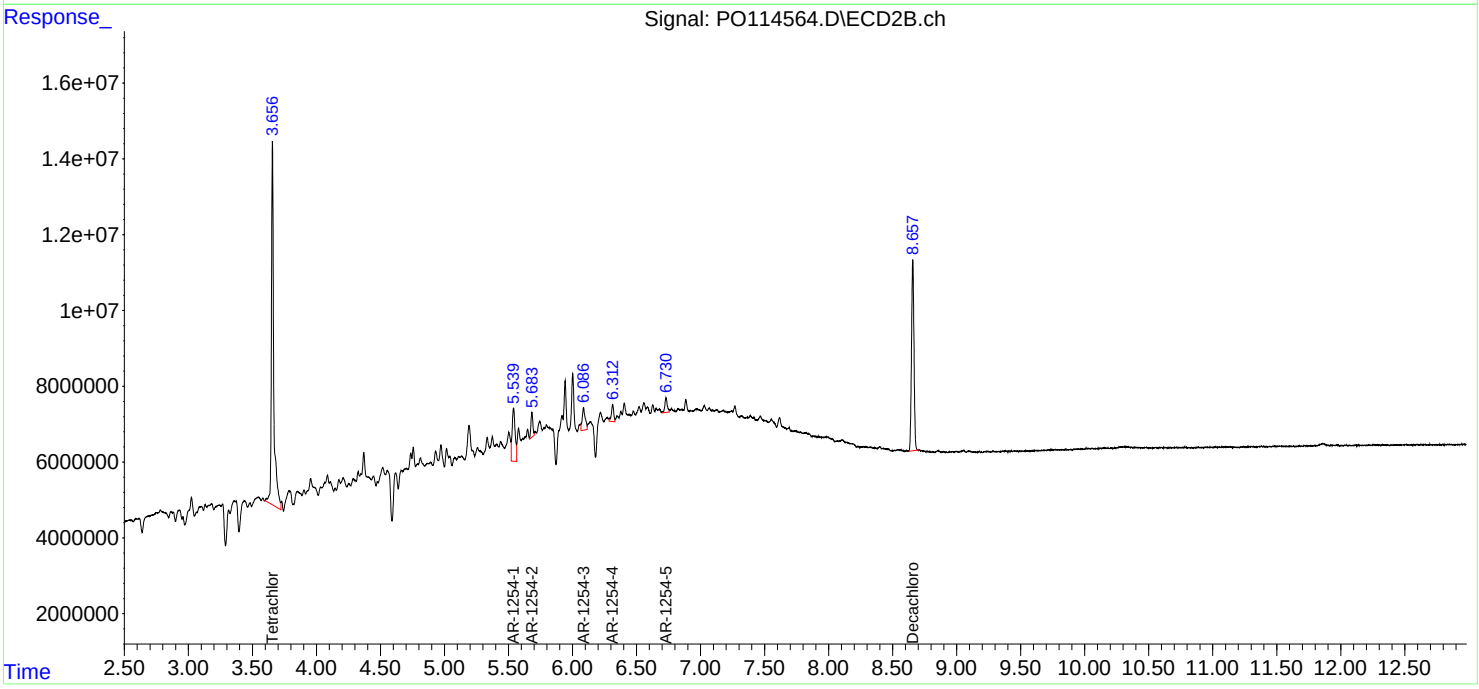
Manual Integrations APPROVED

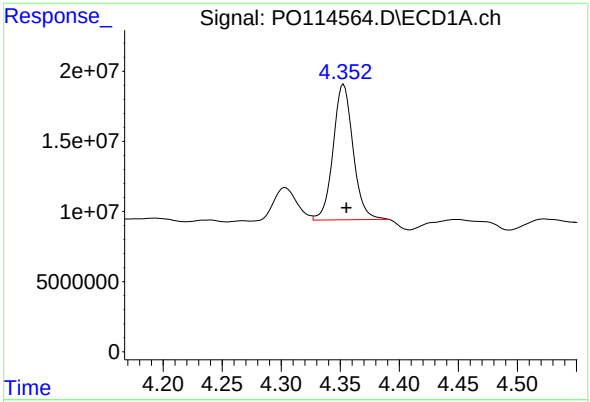
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:28:43 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







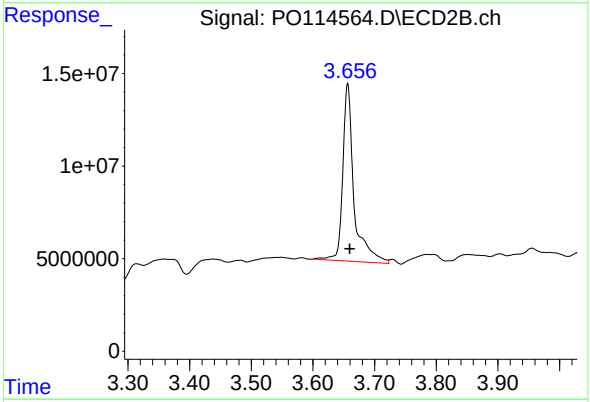
#1 Tetrachloro-m-xylene

R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 113504636
Conc: 20.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S08-000013-20251017

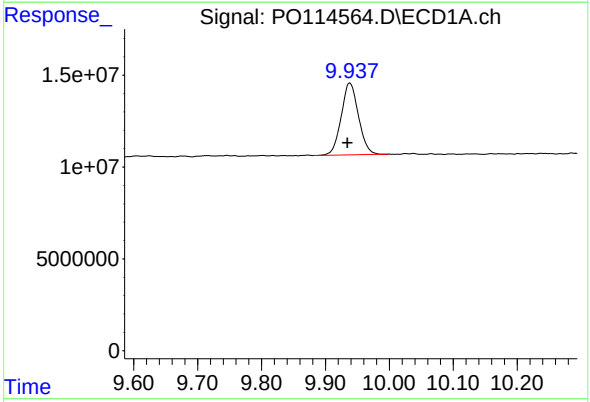
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



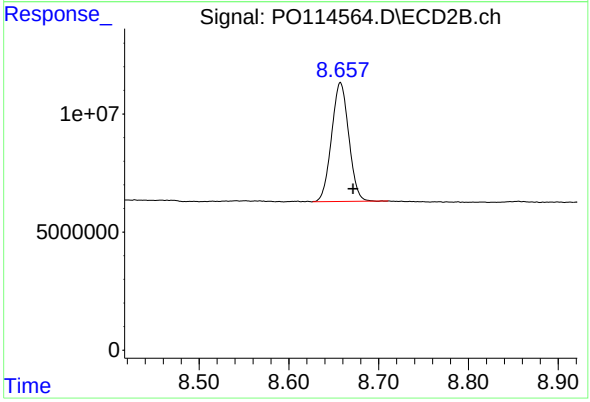
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: -0.003 min
Response: 120772559
Conc: 30.18 ng/ml



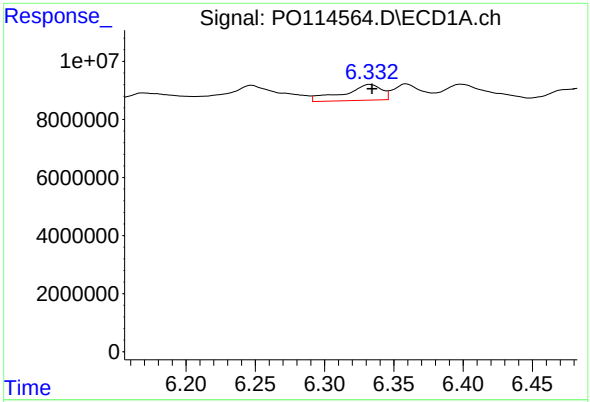
#2 Decachlorobiphenyl

R.T.: 9.938 min
Delta R.T.: 0.004 min
Response: 73569390
Conc: 20.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.657 min
Delta R.T.: -0.014 min
Response: 66943844
Conc: 20.08 ng/ml



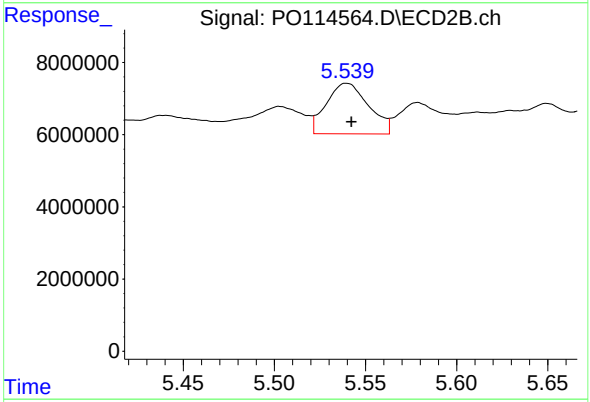
#26 AR-1254-1

R.T.: 6.333 min
Delta R.T.: -0.002 min
Response: 10342963
Conc: 59.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S08-000013-20251017

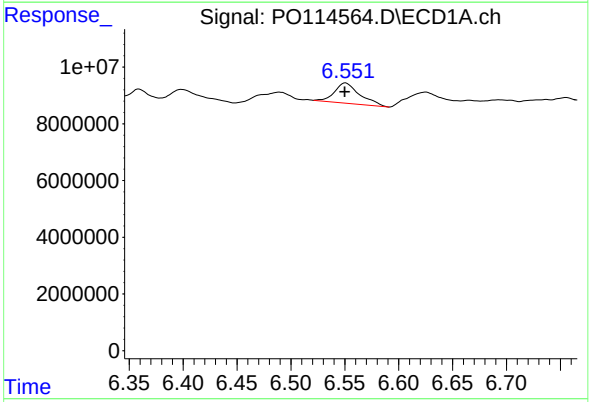
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



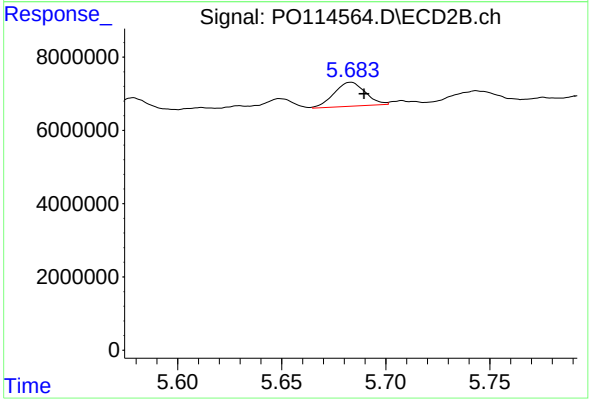
#26 AR-1254-1

R.T.: 5.540 min
Delta R.T.: -0.003 min
Response: 22666636
Conc: 85.31 ng/ml



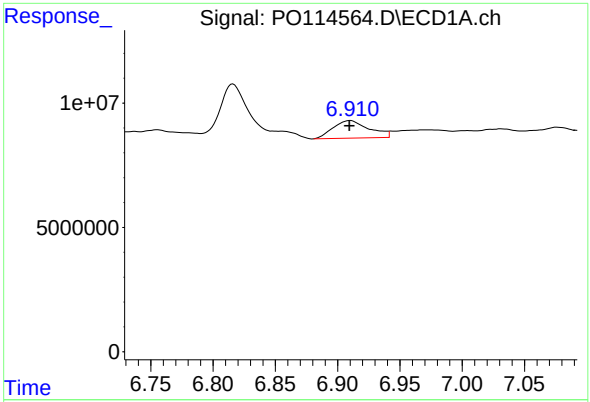
#27 AR-1254-2

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 11648344
Conc: 45.73 ng/ml



#27 AR-1254-2

R.T.: 5.683 min
Delta R.T.: -0.007 min
Response: 6921796
Conc: 29.05 ng/ml m



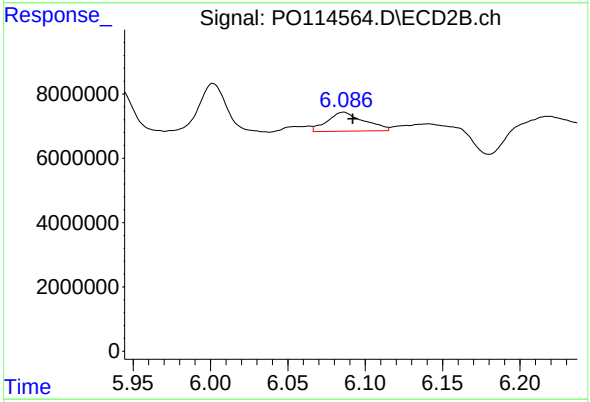
#28 AR-1254-3

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 14345465
Conc: 49.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S08-000013-20251017

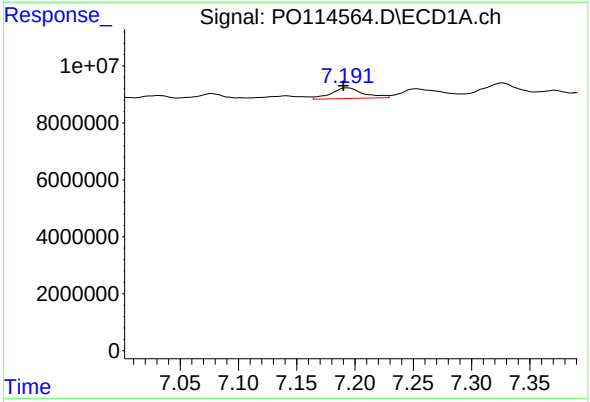
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



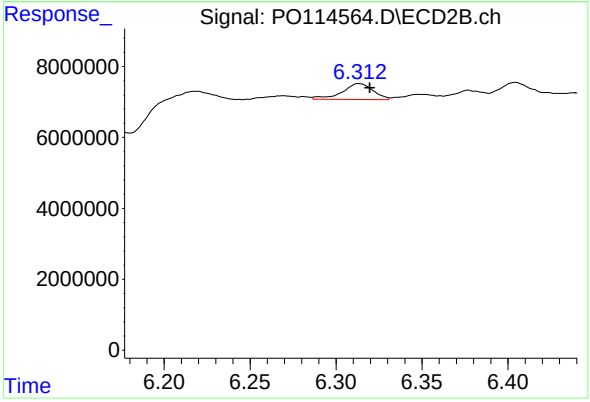
#28 AR-1254-3

R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 9712995
Conc: 27.41 ng/ml m



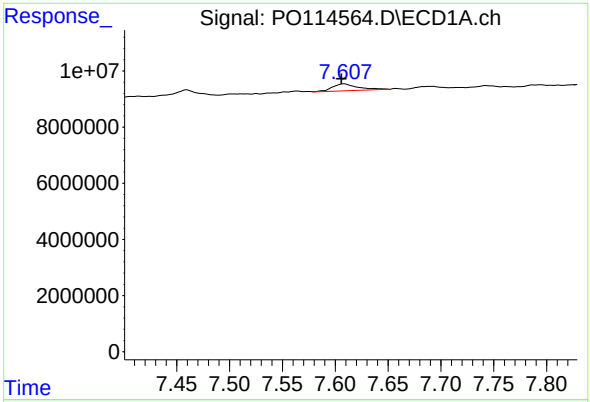
#29 AR-1254-4

R.T.: 7.193 min
Delta R.T.: 0.003 min
Response: 7257323
Conc: 30.67 ng/ml



#29 AR-1254-4

R.T.: 6.312 min
Delta R.T.: -0.007 min
Response: 5645129
Conc: 21.87 ng/ml m



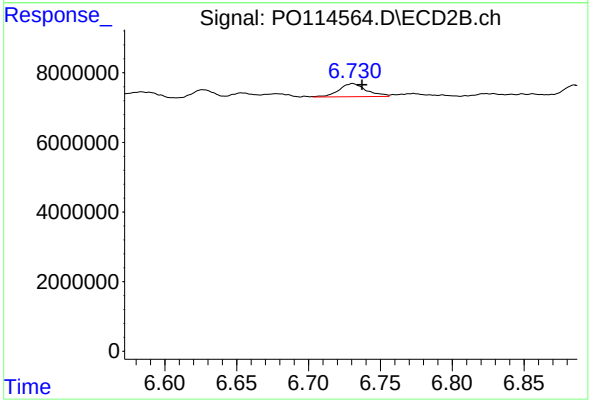
#30 AR-1254-5

R.T.: 7.608 min
Delta R.T.: 0.002 min
Response: 4129077
Conc: 18.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
PR132-S08-000013-20251017

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



#30 AR-1254-5

R.T.: 6.730 min
Delta R.T.: -0.007 min
Response: 5066624
Conc: 15.82 ng/ml m

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

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

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.:** Q3393
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

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.:** Q3393
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

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.:** Q3393

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: **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

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.:** Q3393

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

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.:** Q3393

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)

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

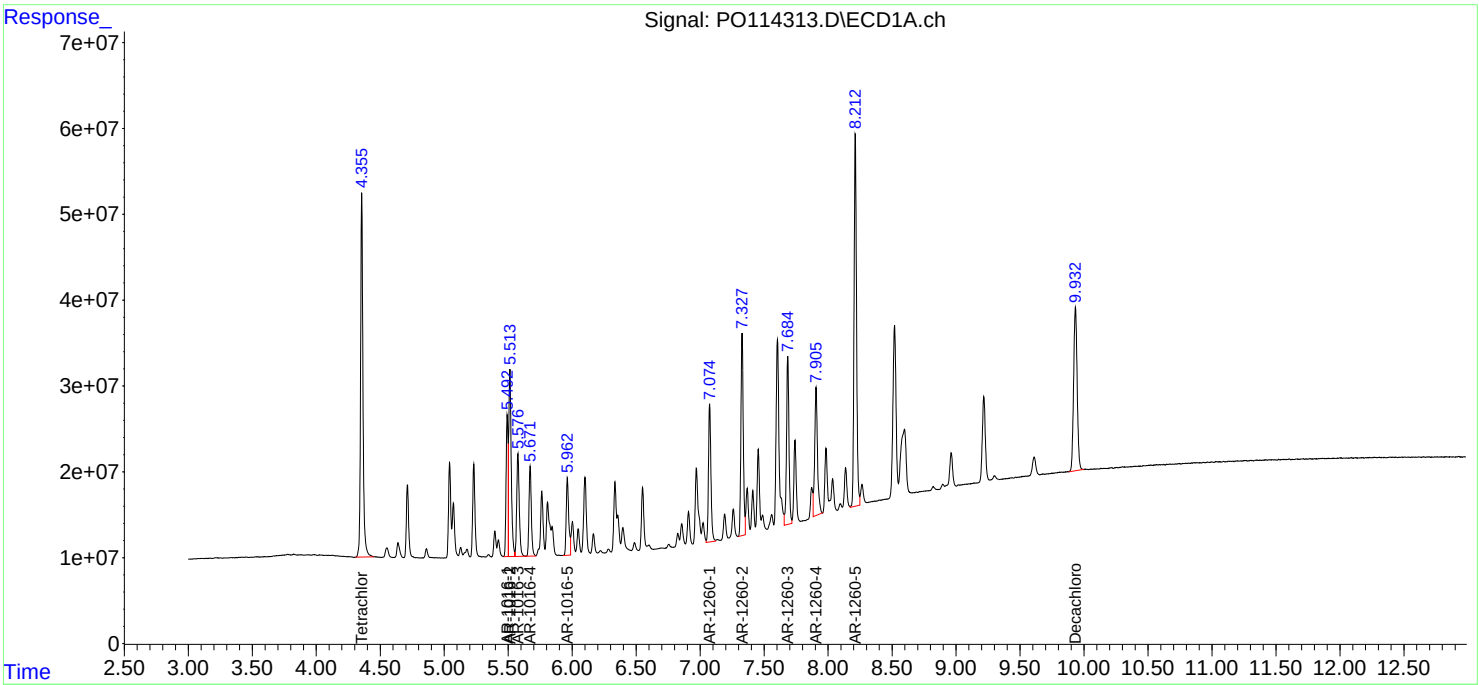
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

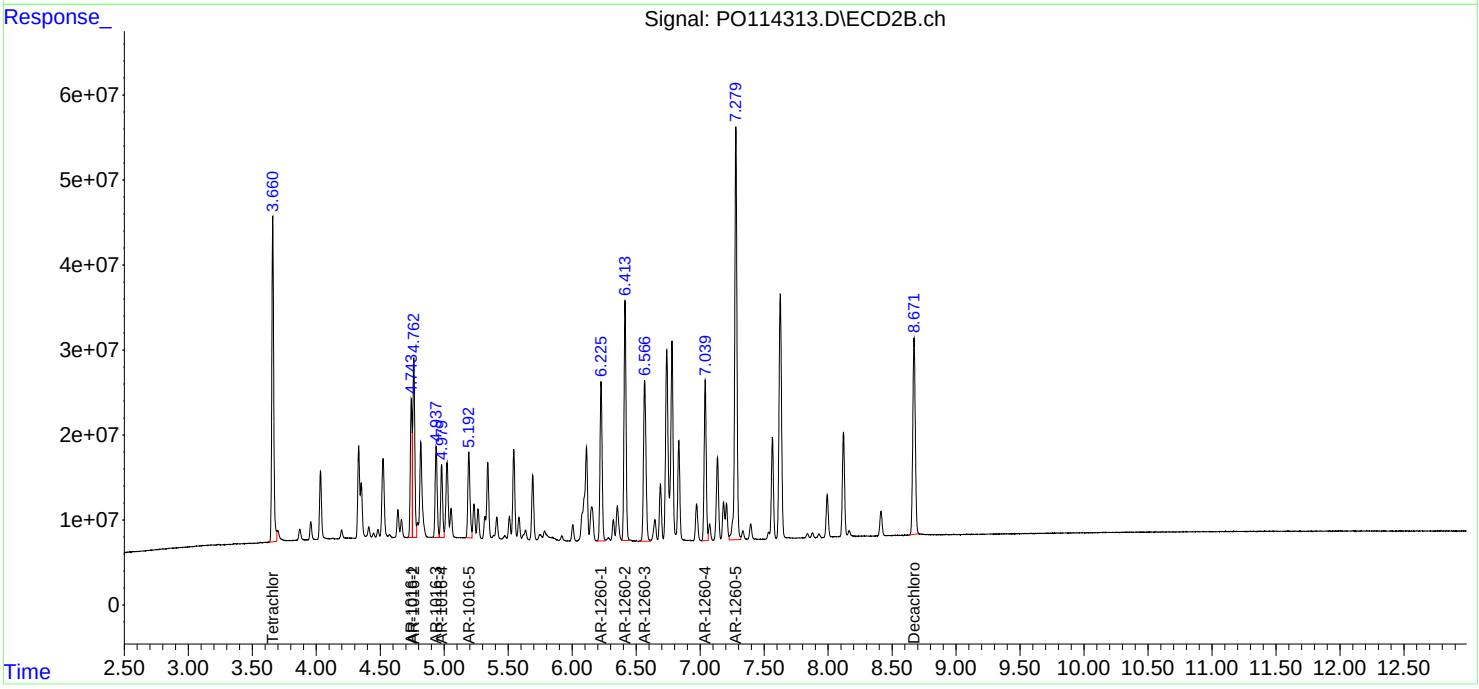
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:14
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

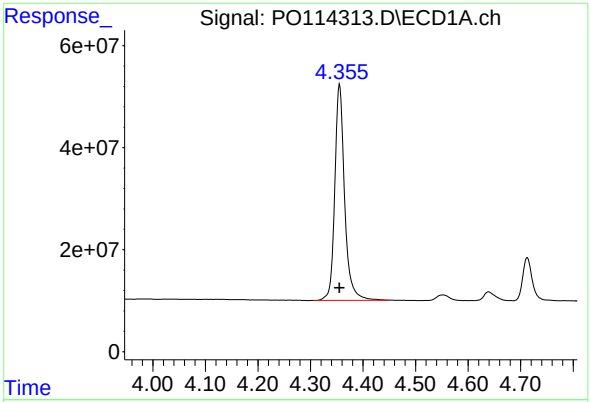
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

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



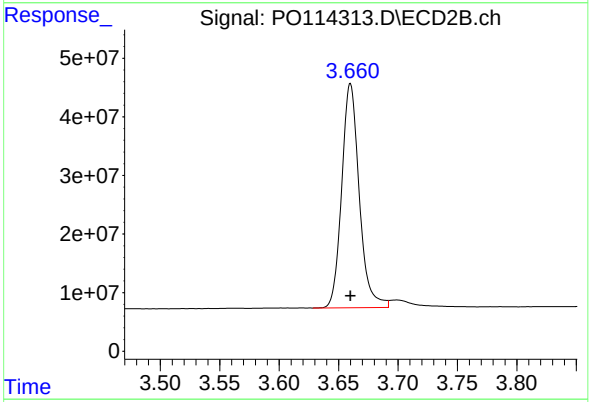




#1 Tetrachloro-m-xylene

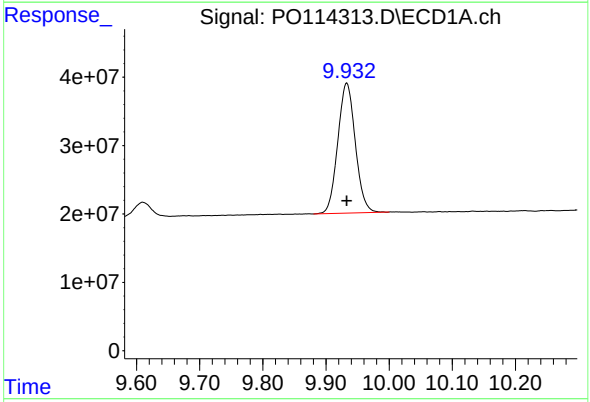
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 550649836
Conc: 98.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



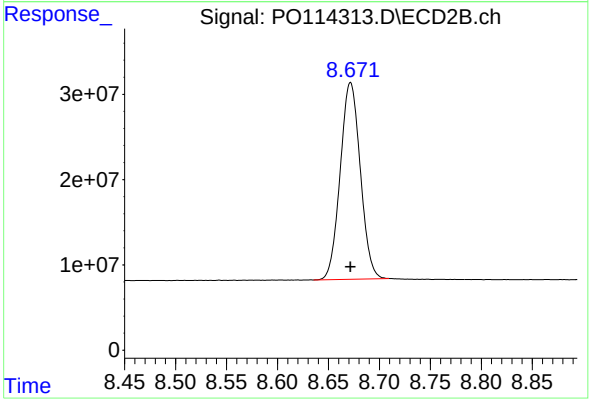
#1 Tetrachloro-m-xylene

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



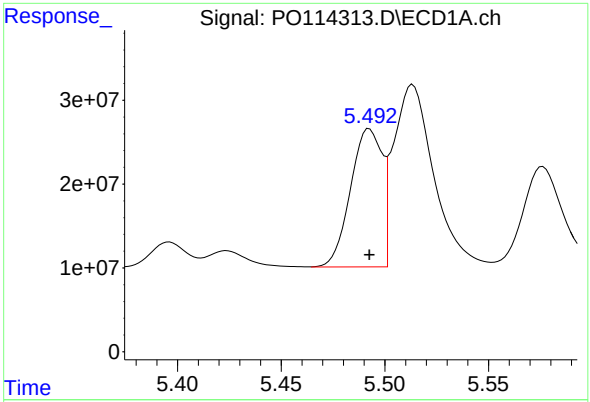
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

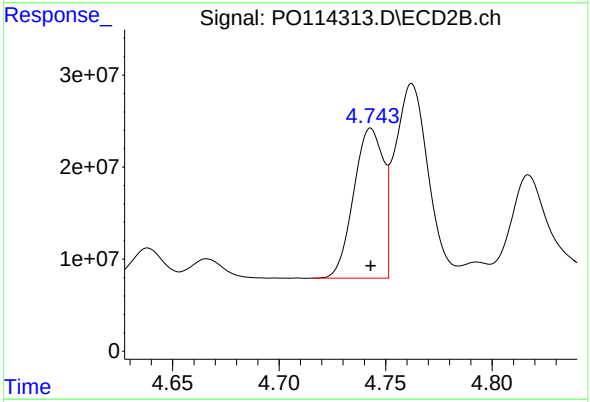
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 317000119
Conc: 96.50 ng/ml



#3 AR-1016-1

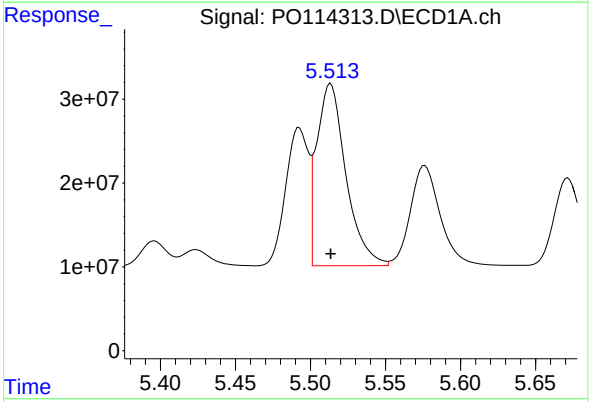
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 174192886
Conc: 973.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



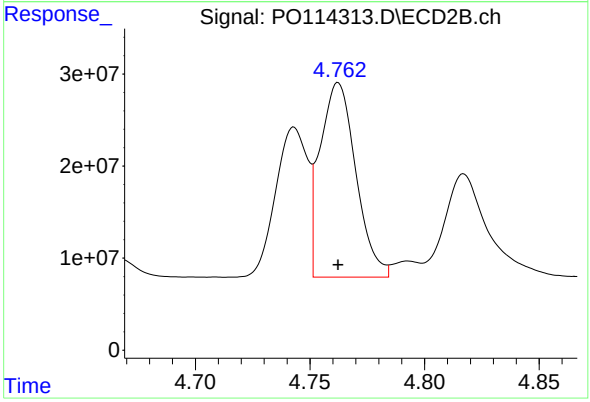
#3 AR-1016-1

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



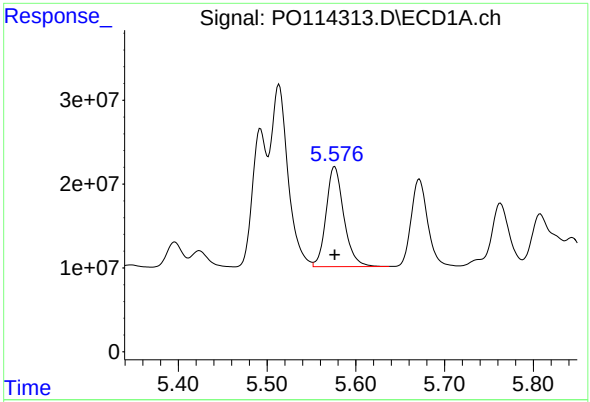
#4 AR-1016-2

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



#4 AR-1016-2

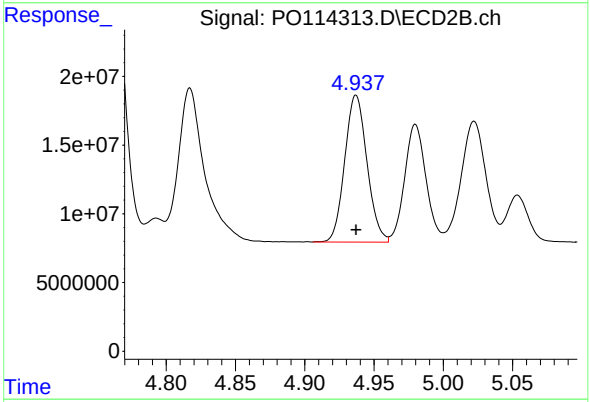
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 229568804
Conc: 965.99 ng/ml



#5 AR-1016-3

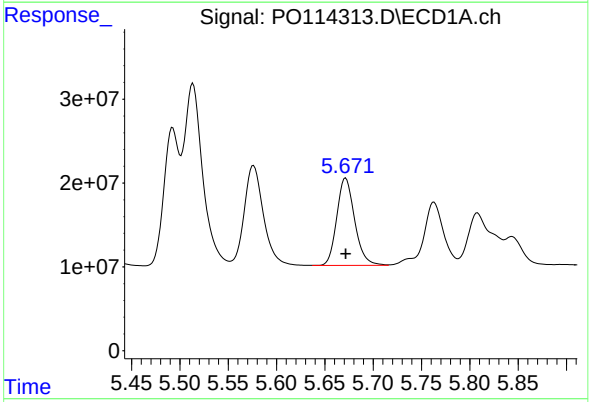
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 165633600
Conc: 974.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



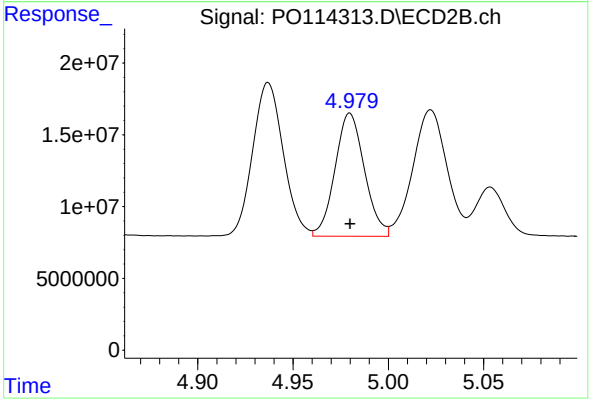
#5 AR-1016-3

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



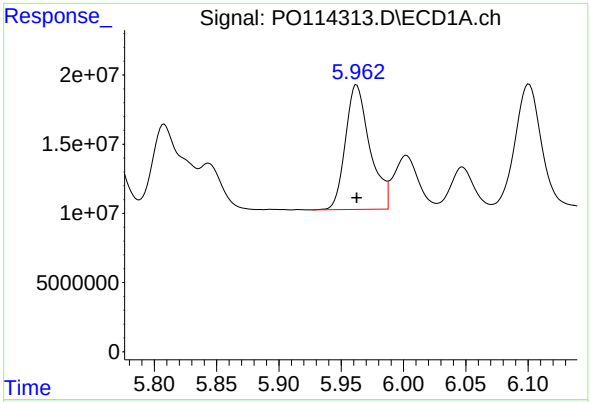
#6 AR-1016-4

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



#6 AR-1016-4

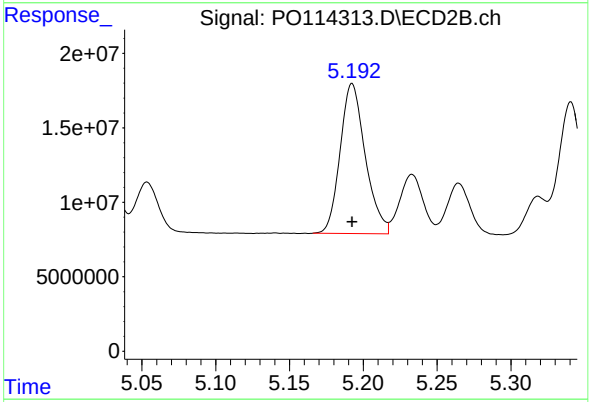
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 92316708
Conc: 958.84 ng/ml



#7 AR-1016-5

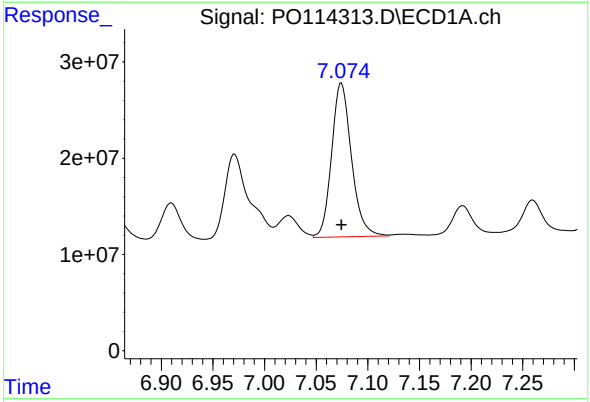
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 123446822
Conc: 978.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



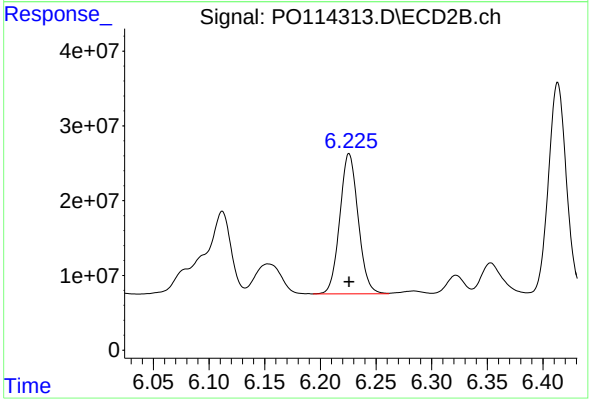
#7 AR-1016-5

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



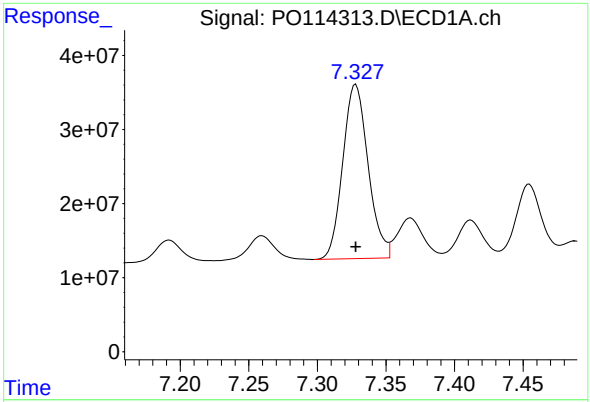
#31 AR-1260-1

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



#31 AR-1260-1

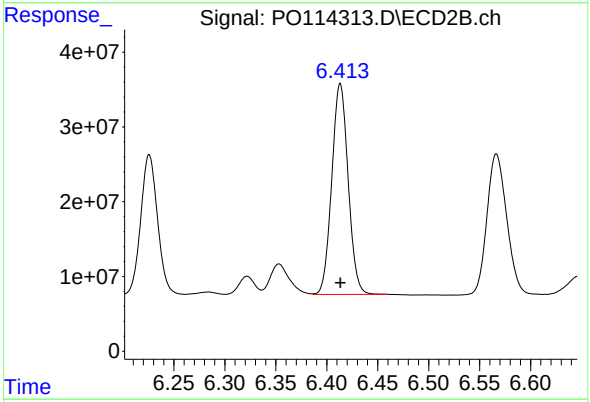
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 215558470
Conc: 955.52 ng/ml



#32 AR-1260-2

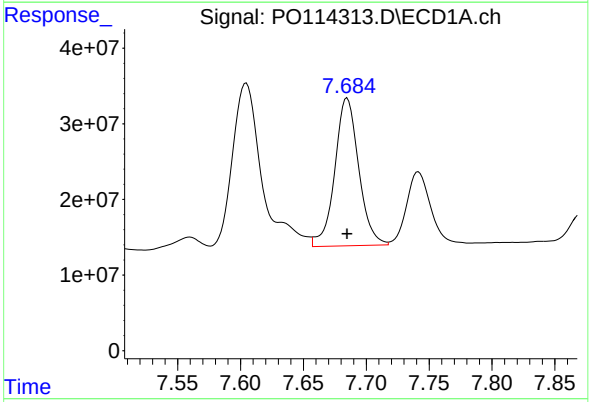
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 302622462
Conc: 988.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



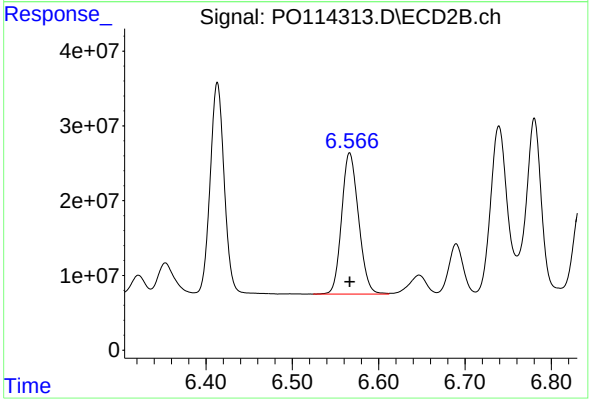
#32 AR-1260-2

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



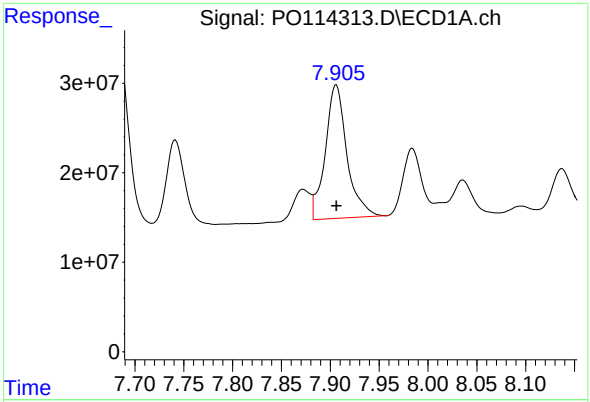
#33 AR-1260-3

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



#33 AR-1260-3

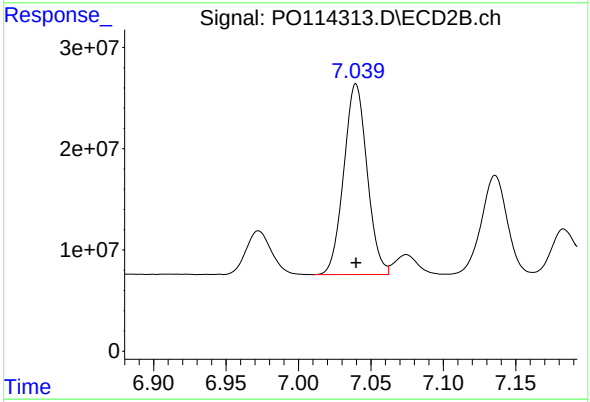
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 256430713
Conc: 958.84 ng/ml



#34 AR-1260-4

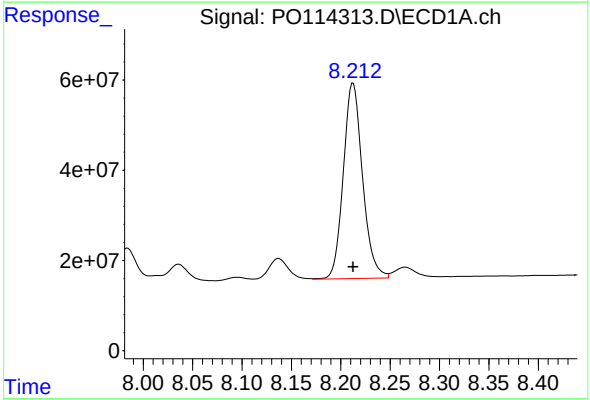
R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 230199629
Conc: 992.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



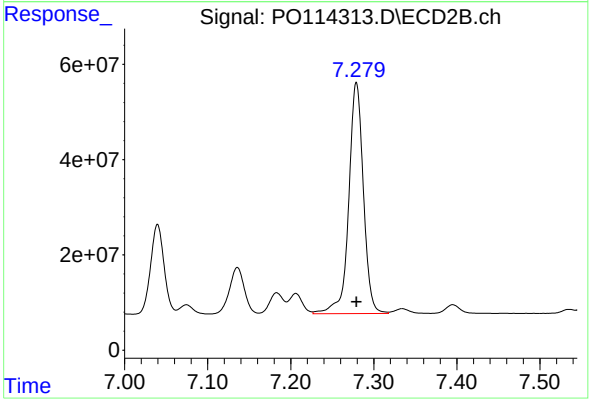
#34 AR-1260-4

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)

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

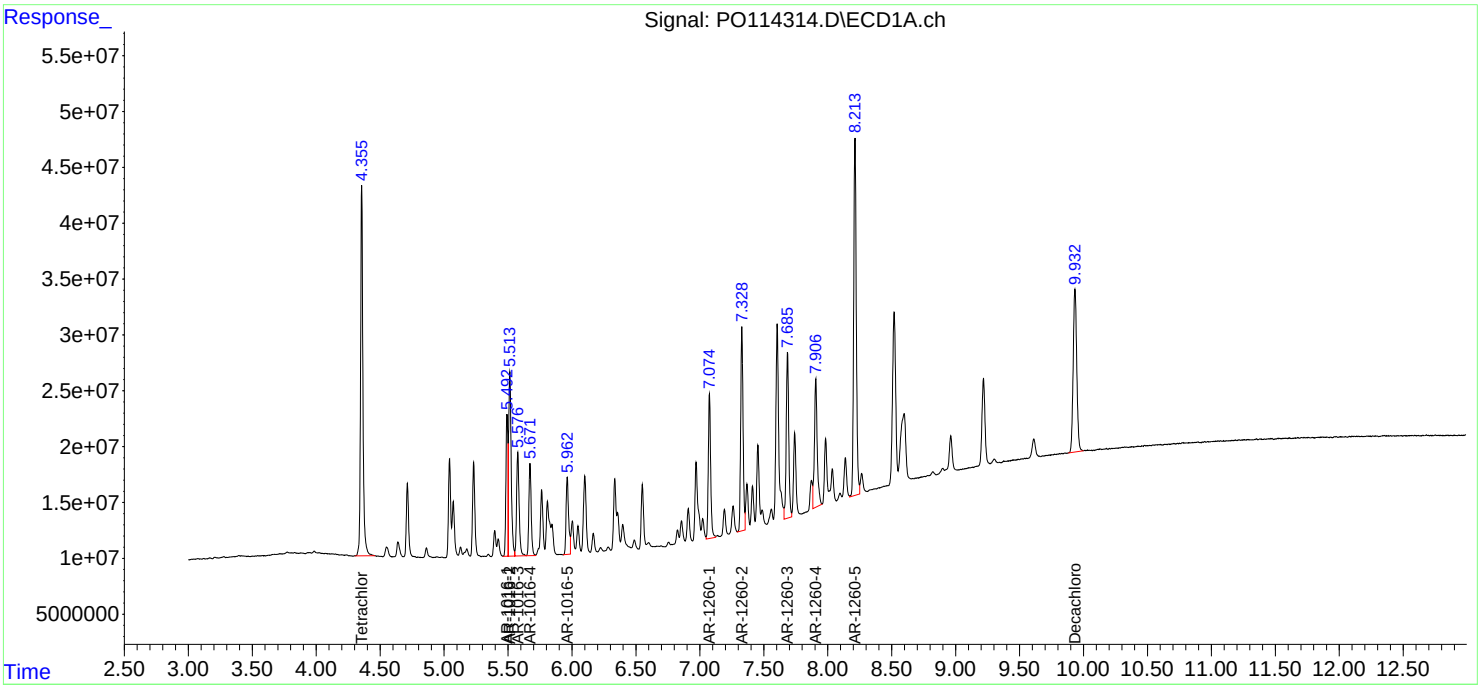
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

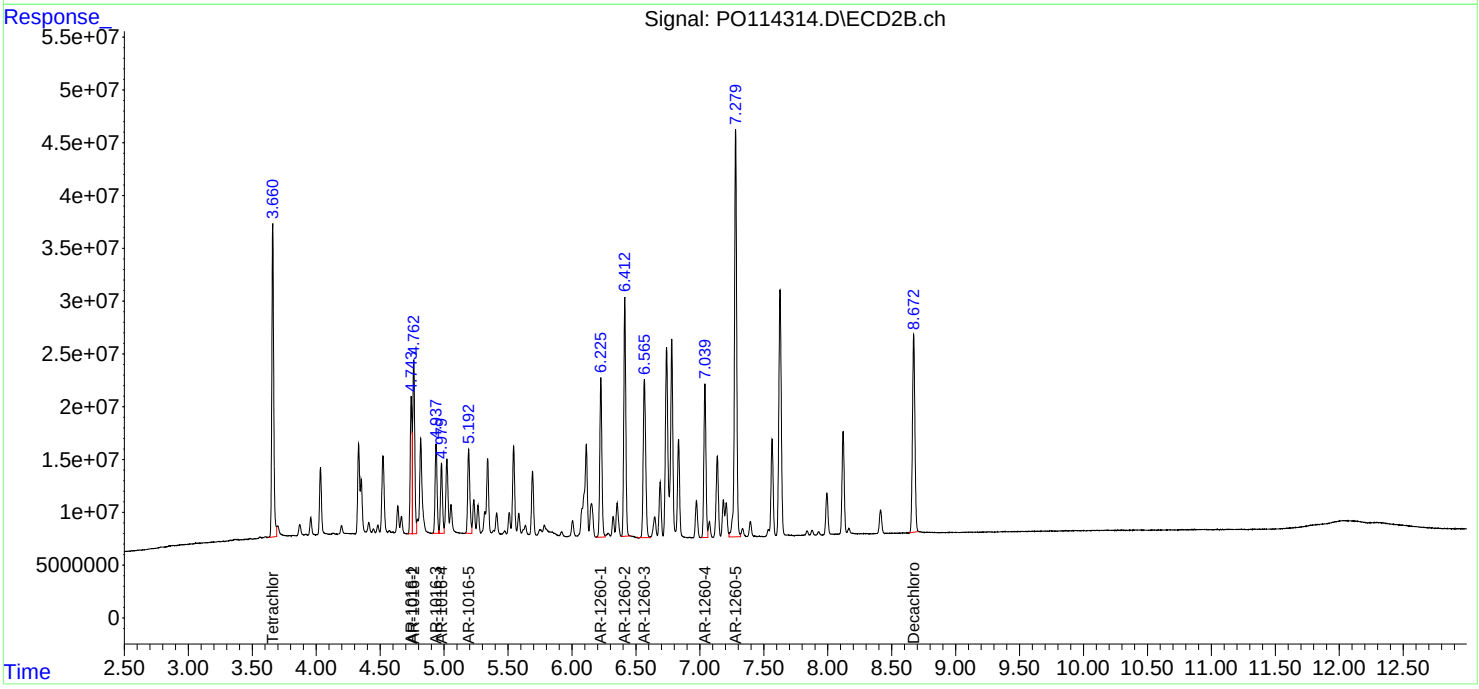
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:32
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

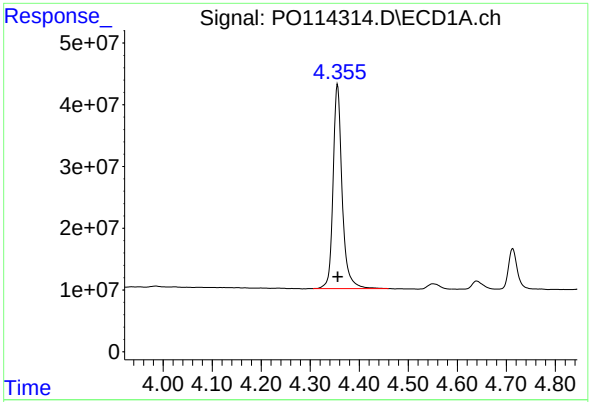
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

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



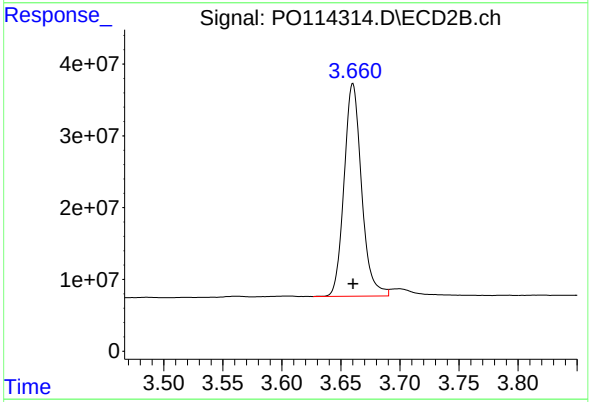




#1 Tetrachloro-m-xylene

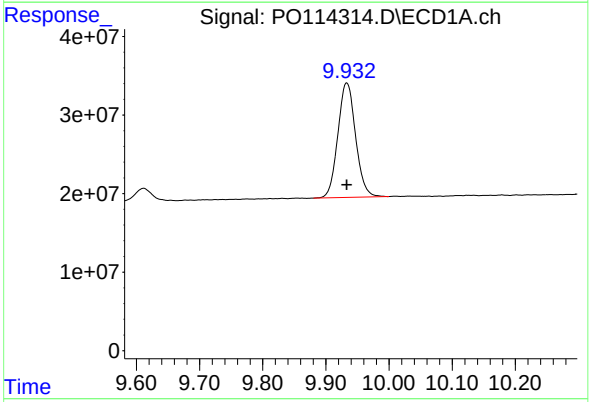
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 425812378
Conc: 75.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



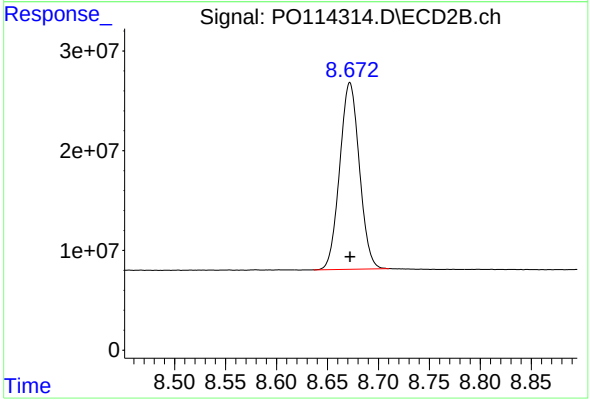
#1 Tetrachloro-m-xylene

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



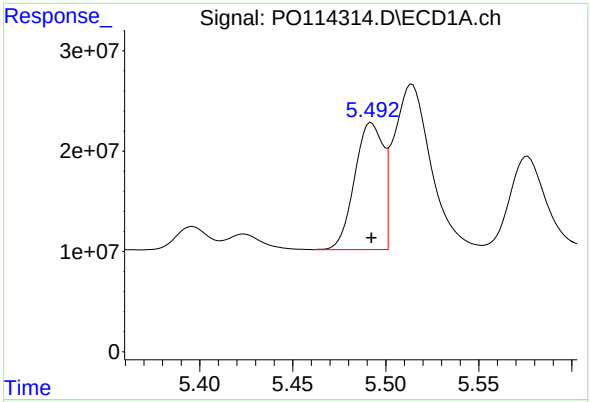
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

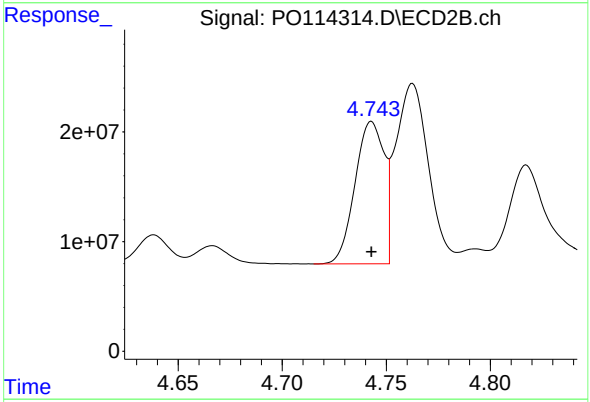
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 251155518
Conc: 75.97 ng/ml



#3 AR-1016-1

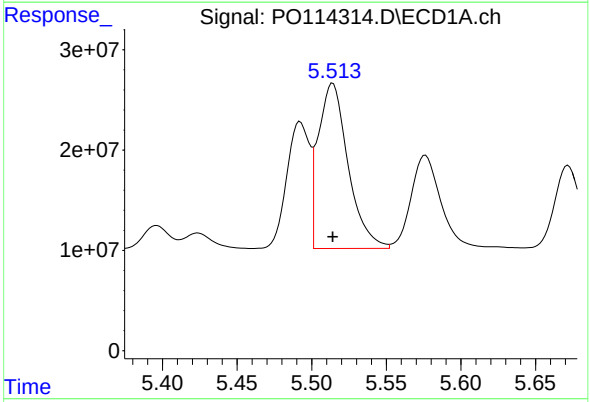
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 134921343
Conc: 752.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



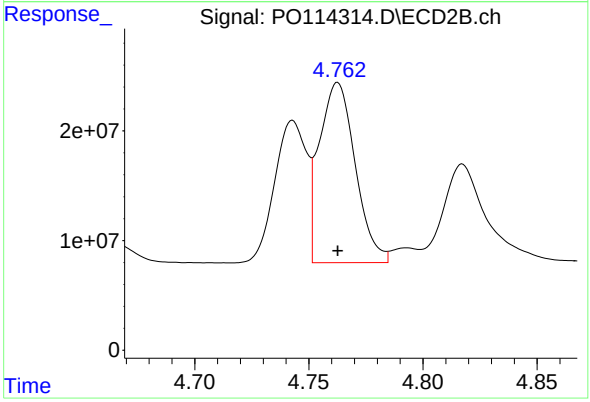
#3 AR-1016-1

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



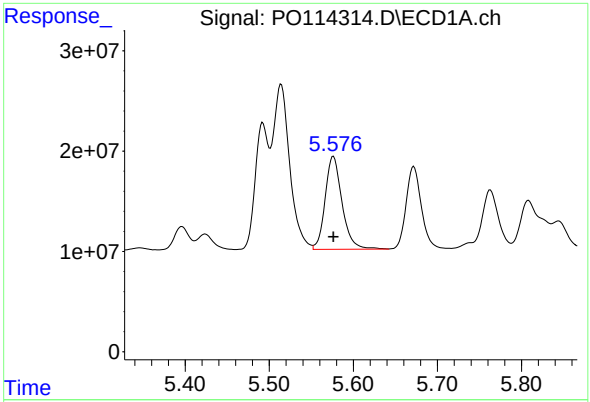
#4 AR-1016-2

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



#4 AR-1016-2

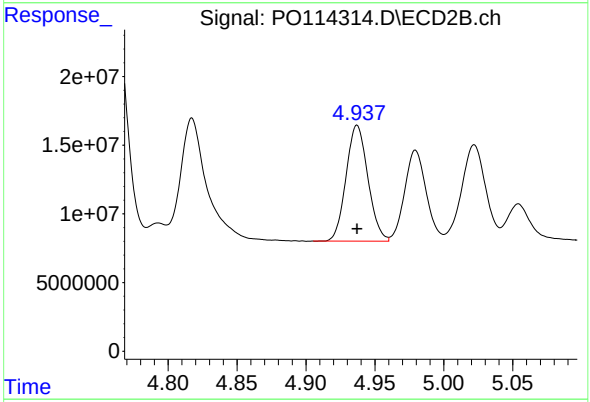
R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 180459269
Conc: 756.20 ng/ml



#5 AR-1016-3

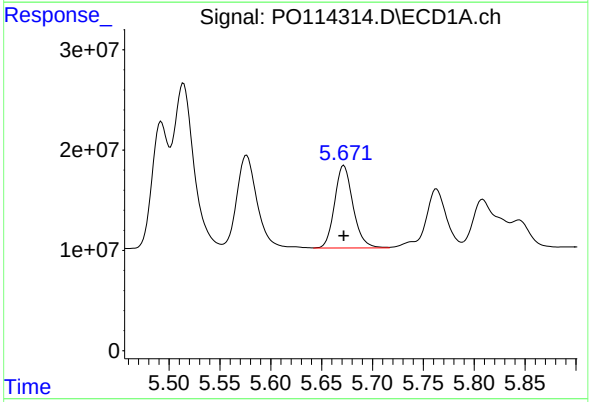
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 129501028
Conc: 757.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



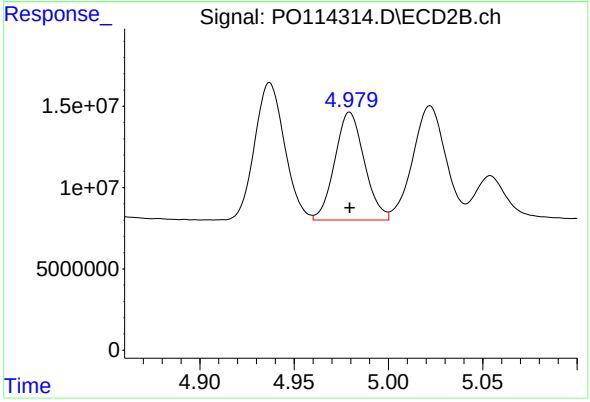
#5 AR-1016-3

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



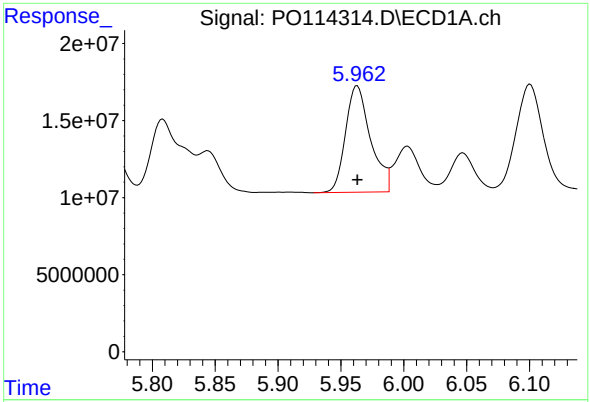
#6 AR-1016-4

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



#6 AR-1016-4

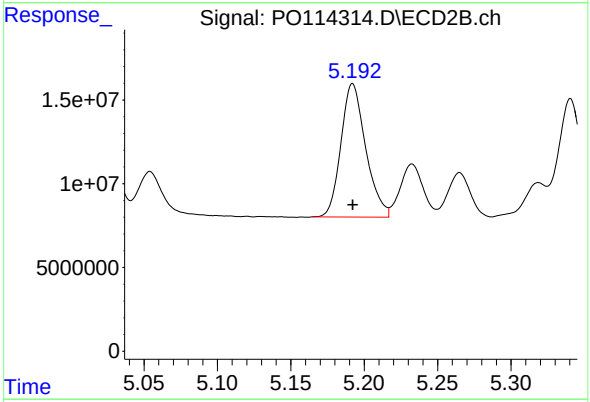
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 72379606
Conc: 751.18 ng/ml



#7 AR-1016-5

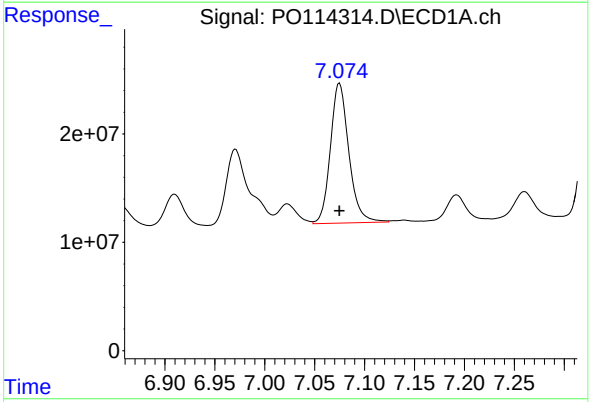
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 95827218
Conc: 756.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



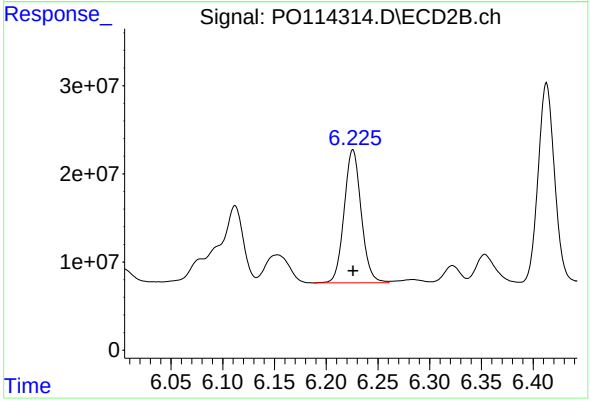
#7 AR-1016-5

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



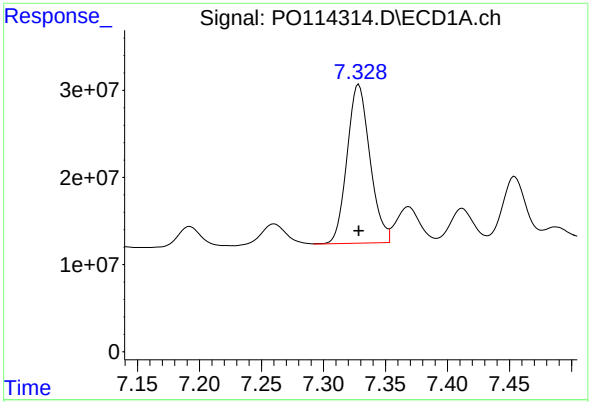
#31 AR-1260-1

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



#31 AR-1260-1

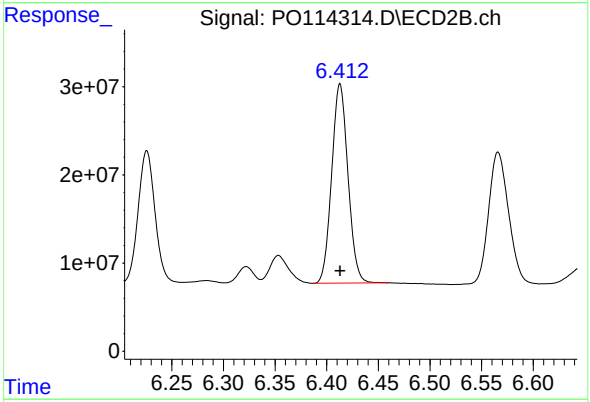
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 173623901
Conc: 762.98 ng/ml



#32 AR-1260-2

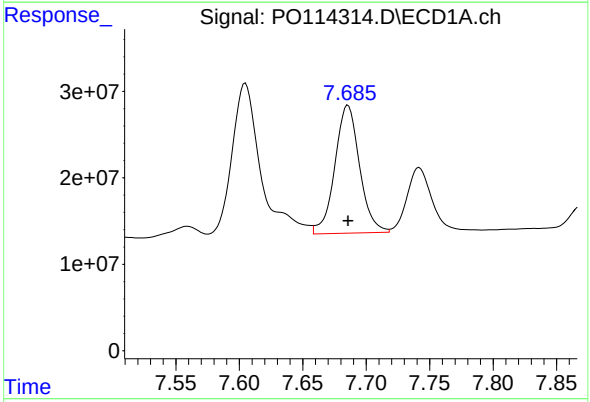
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 234042064
Conc: 759.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



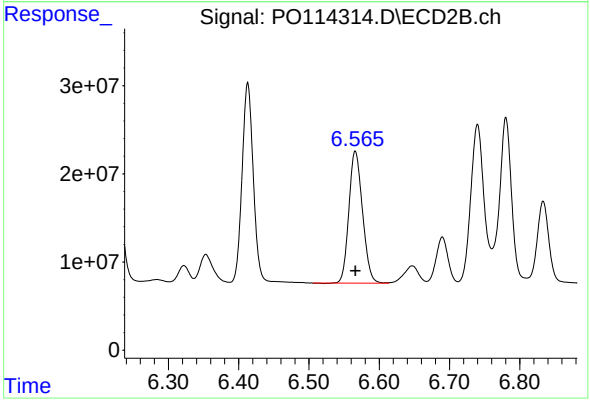
#32 AR-1260-2

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



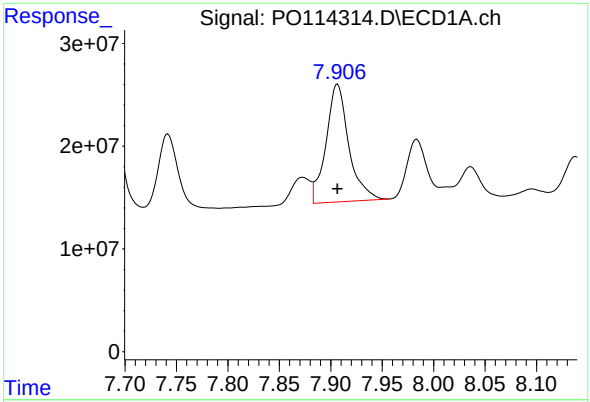
#33 AR-1260-3

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



#33 AR-1260-3

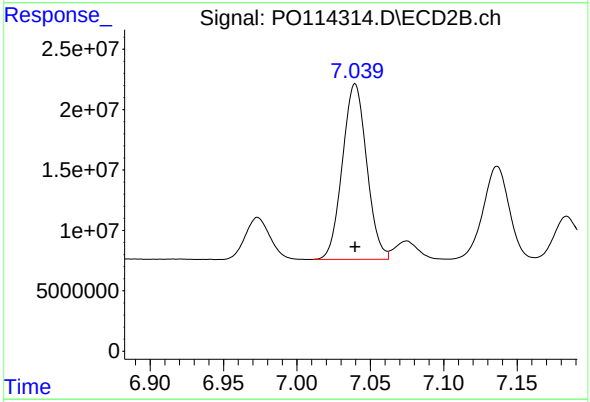
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 201390116
Conc: 752.02 ng/ml



#34 AR-1260-4

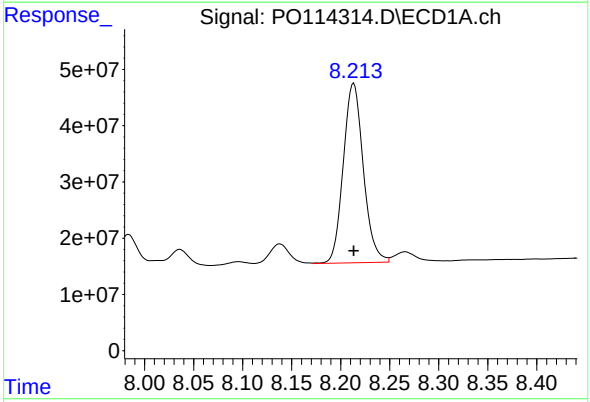
R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 176348996
Conc: 756.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



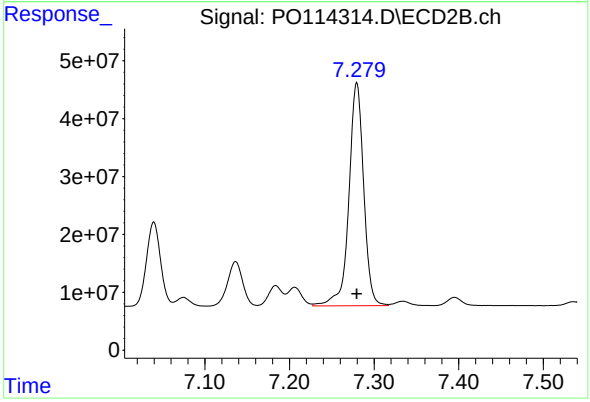
#34 AR-1260-4

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)

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

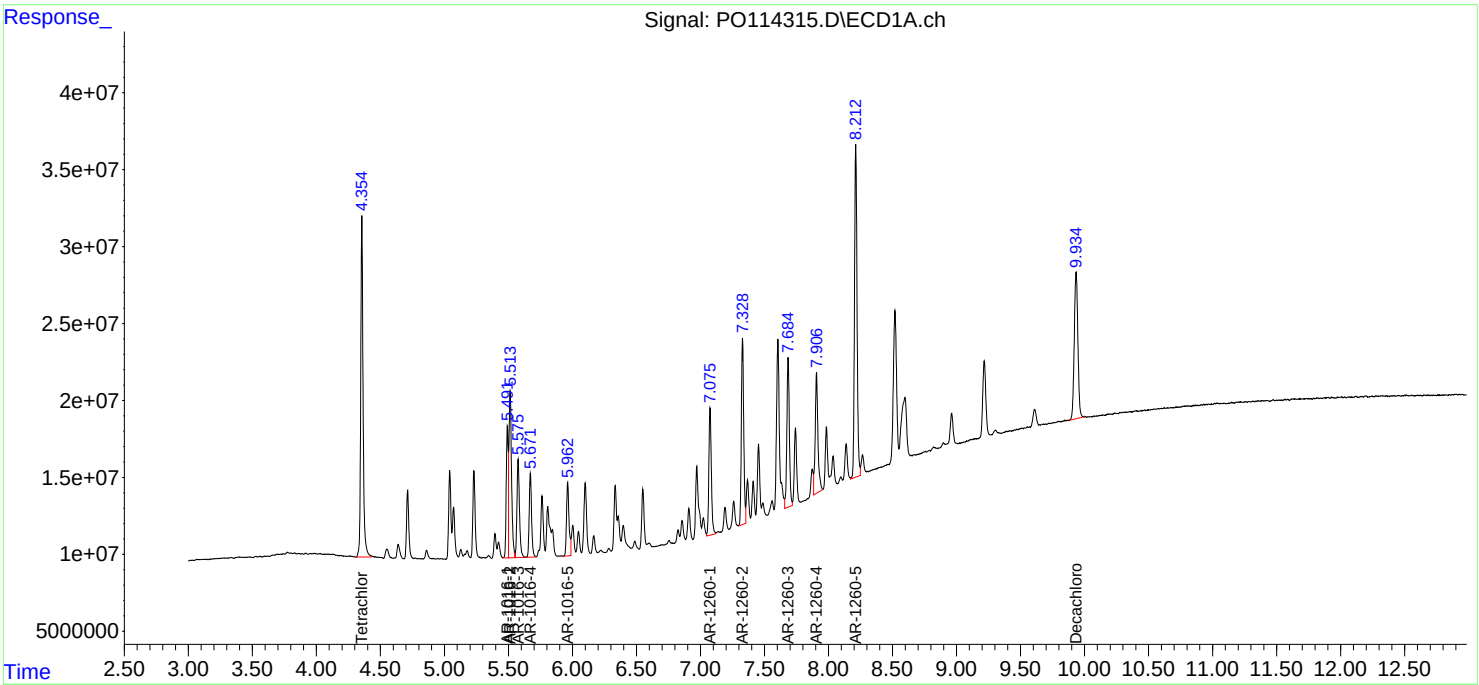
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

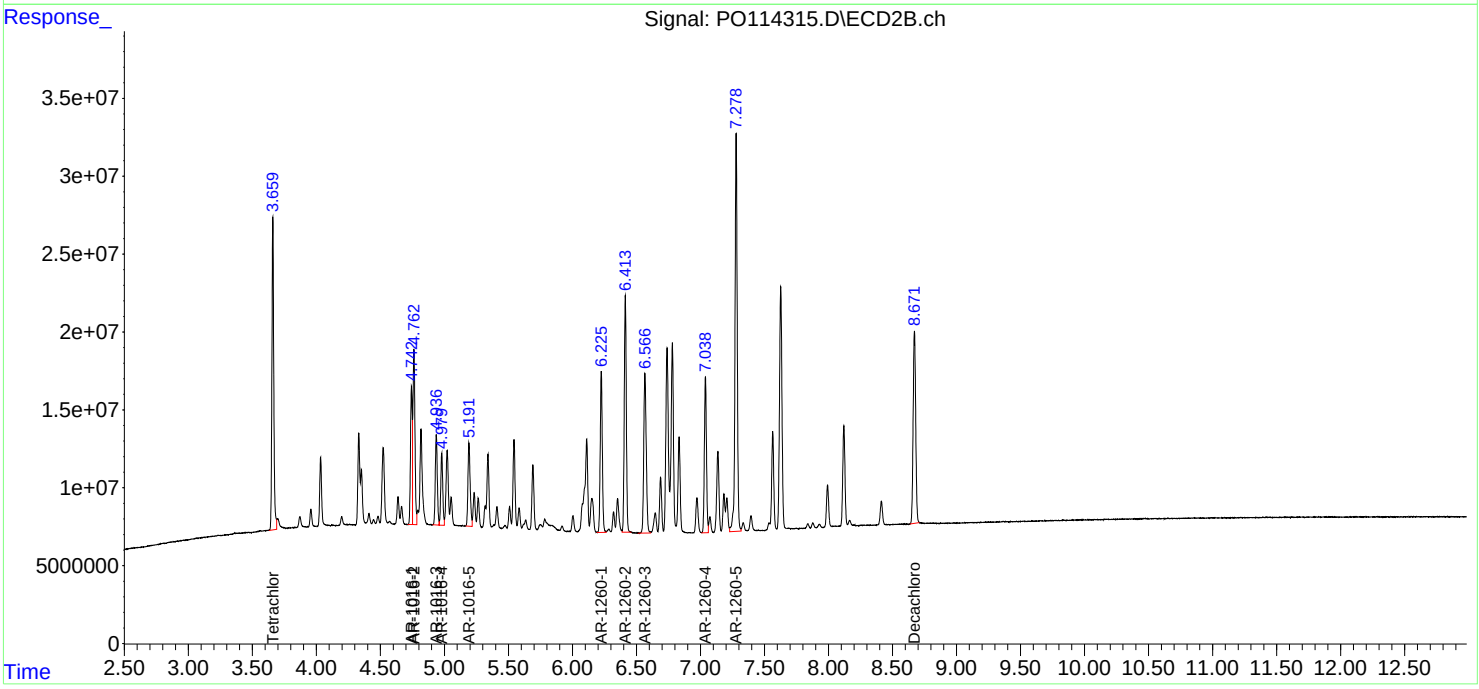
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:50
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

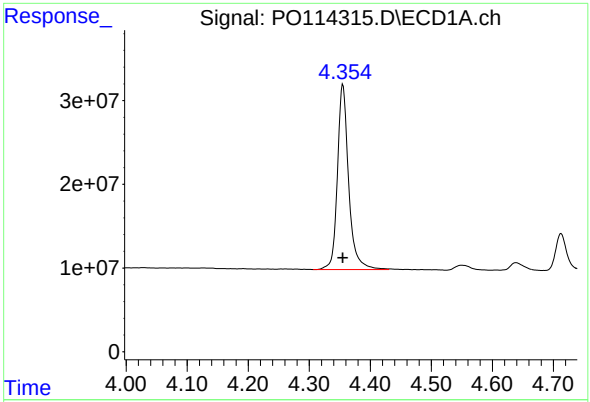
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

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



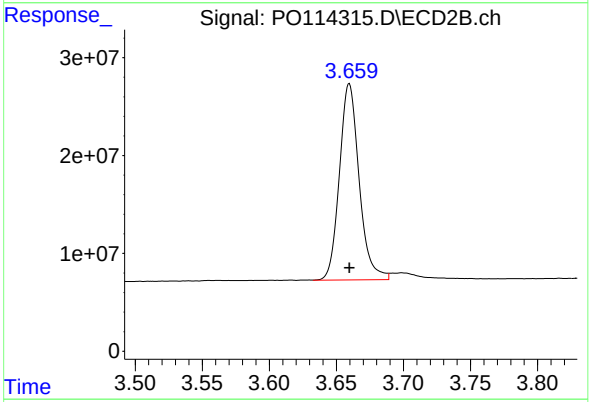




#1 Tetrachloro-m-xylene

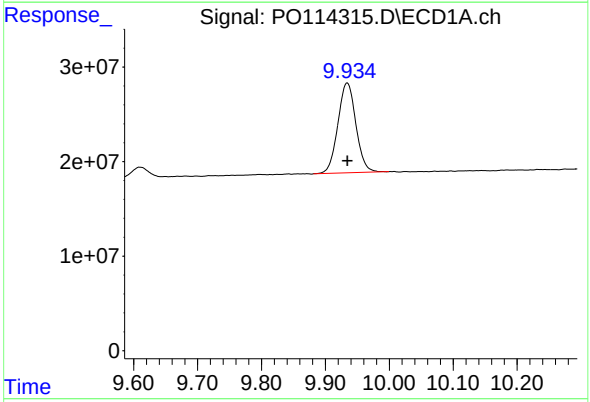
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 282122961
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



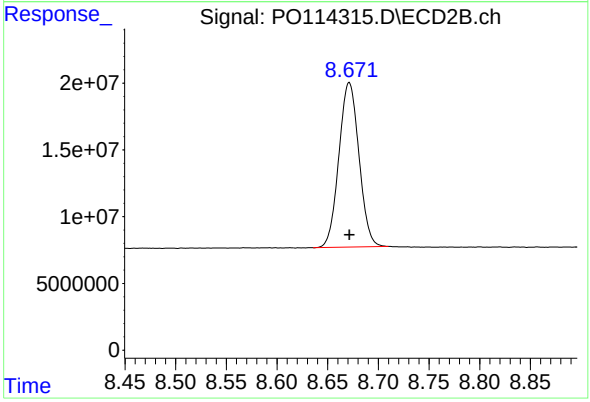
#1 Tetrachloro-m-xylene

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



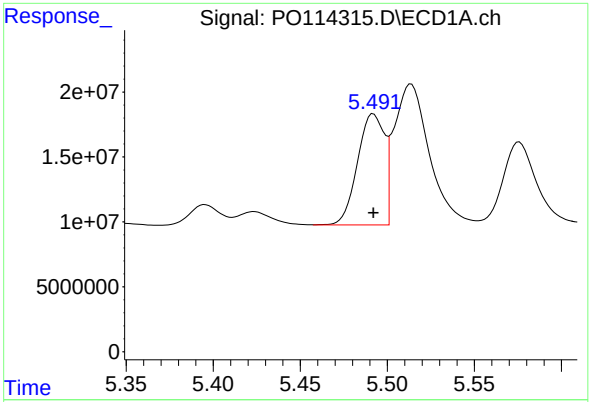
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

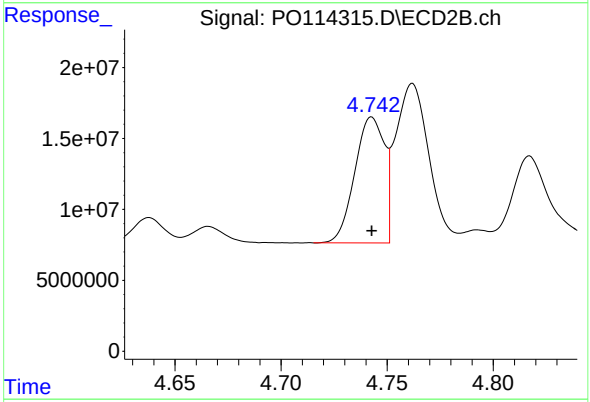
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 169990068
Conc: 50.00 ng/ml



#3 AR-1016-1

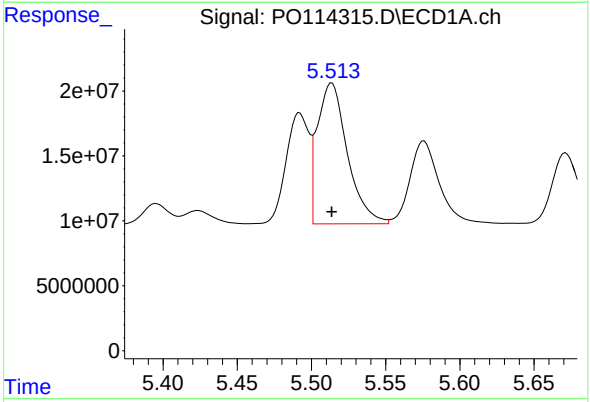
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 91928434
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



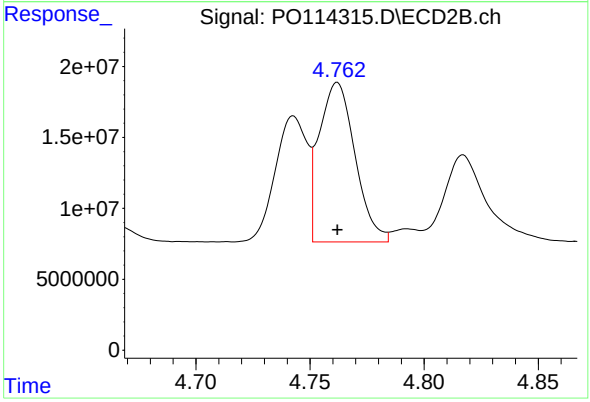
#3 AR-1016-1

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



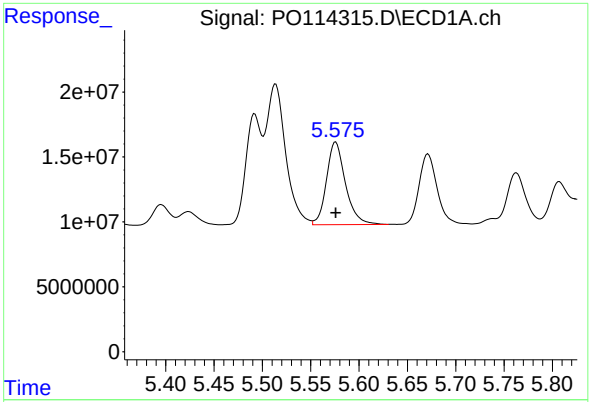
#4 AR-1016-2

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



#4 AR-1016-2

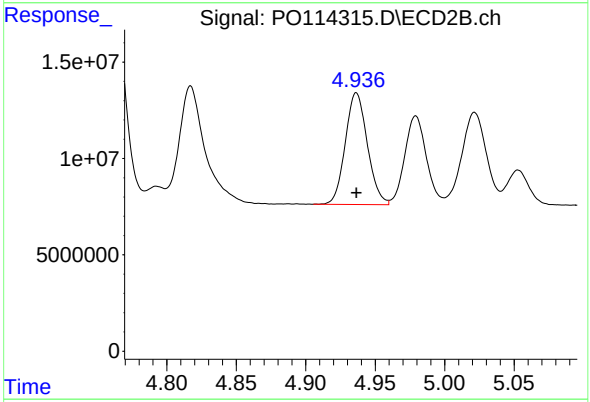
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 122867450
Conc: 500.00 ng/ml



#5 AR-1016-3

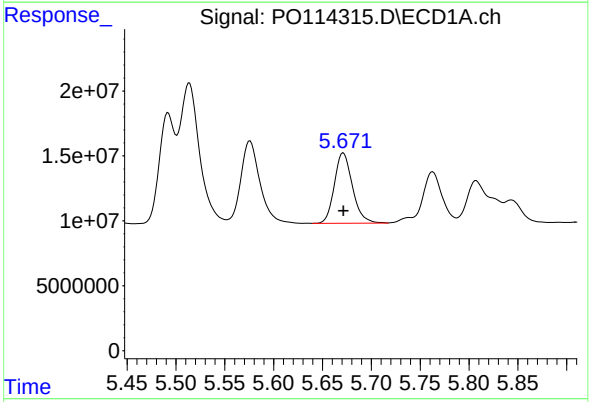
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 87130216
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



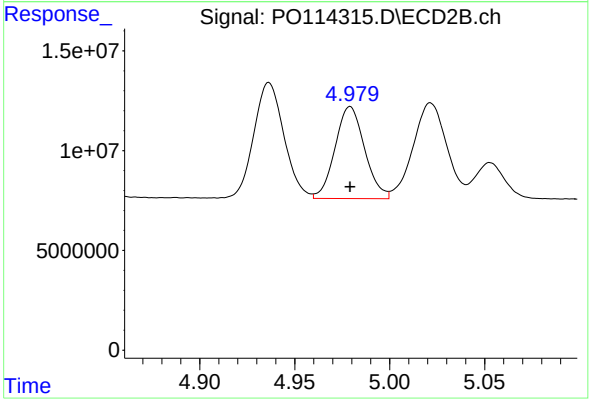
#5 AR-1016-3

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



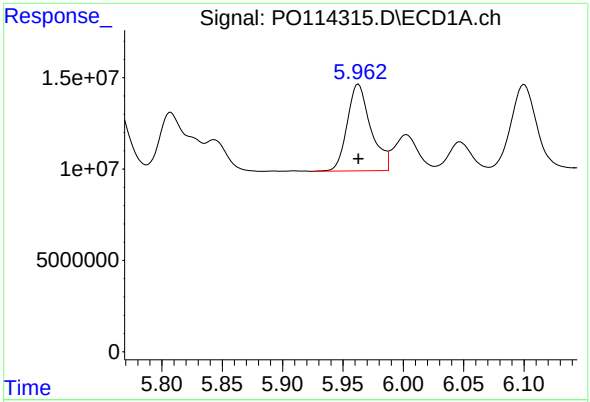
#6 AR-1016-4

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



#6 AR-1016-4

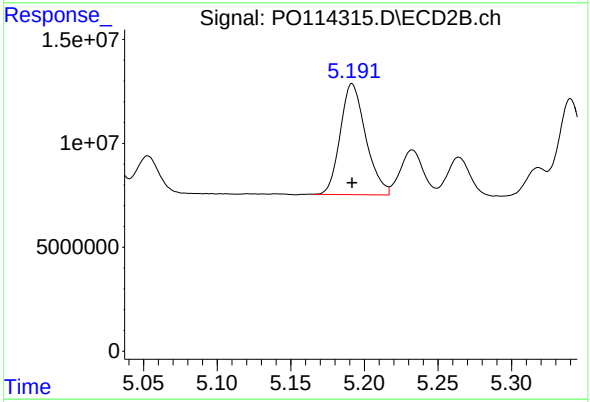
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 50121323
Conc: 500.00 ng/ml



#7 AR-1016-5

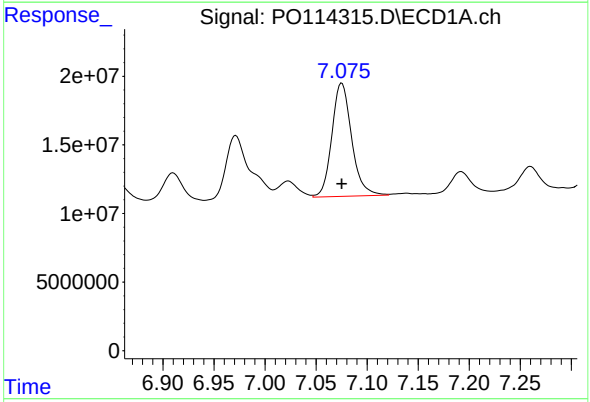
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 64454469
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



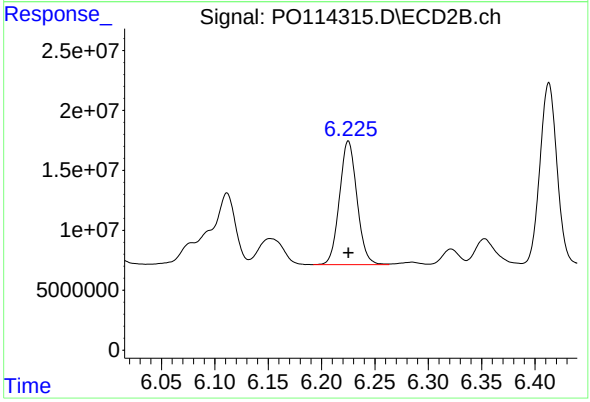
#7 AR-1016-5

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



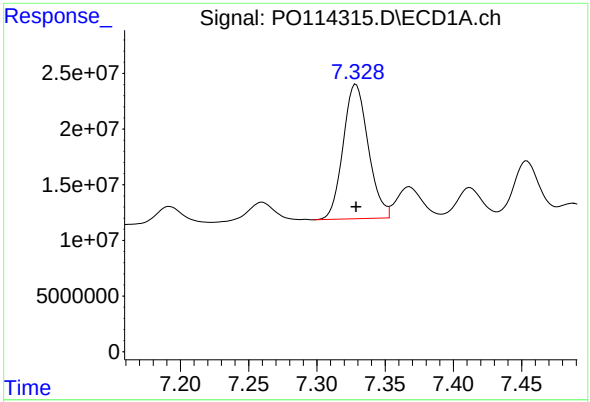
#31 AR-1260-1

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



#31 AR-1260-1

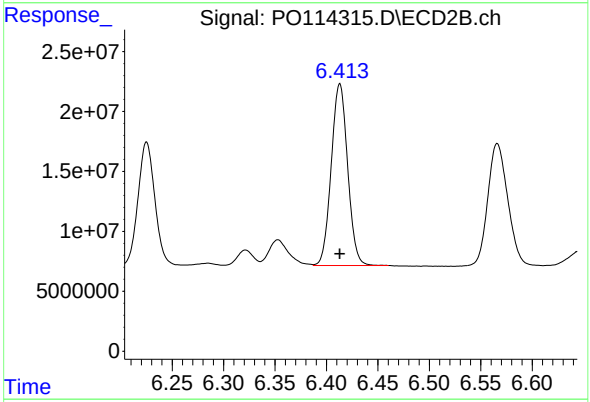
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 117813345
Conc: 500.00 ng/ml



#32 AR-1260-2

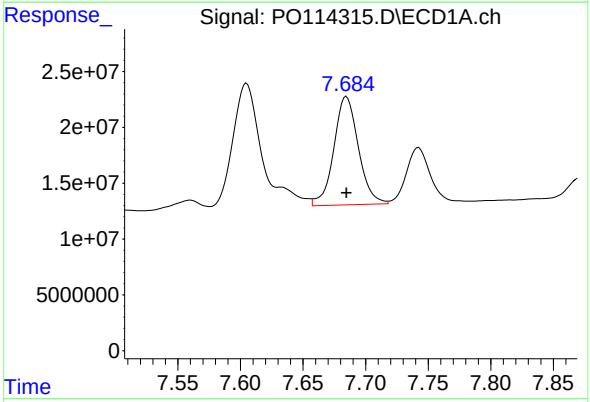
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 154797269
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



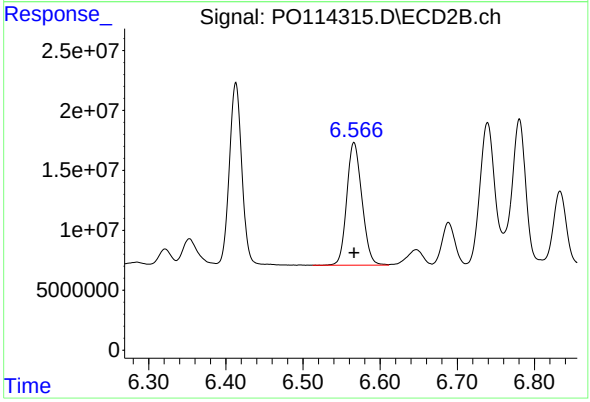
#32 AR-1260-2

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



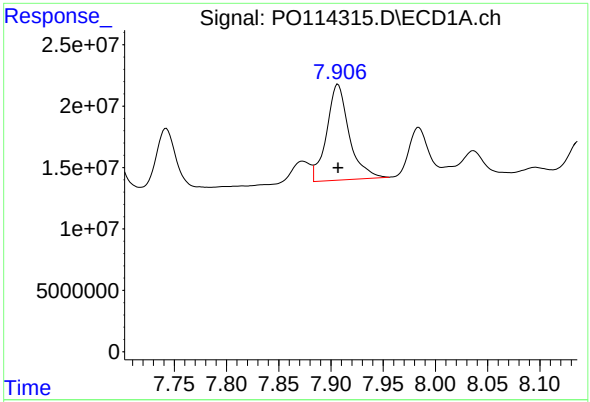
#33 AR-1260-3

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



#33 AR-1260-3

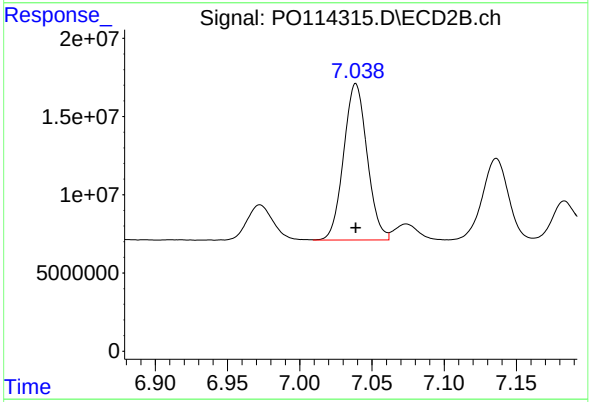
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 139222321
Conc: 500.00 ng/ml



#34 AR-1260-4

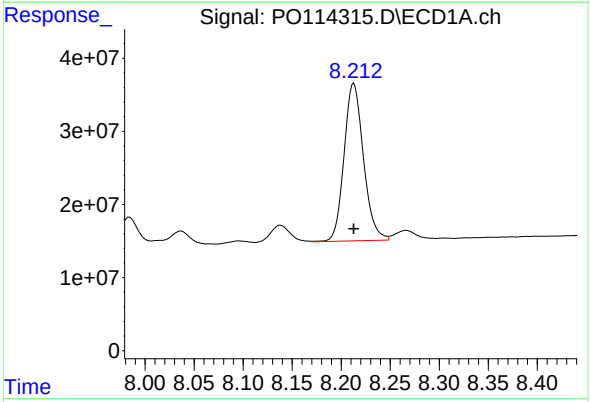
R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 116883919
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



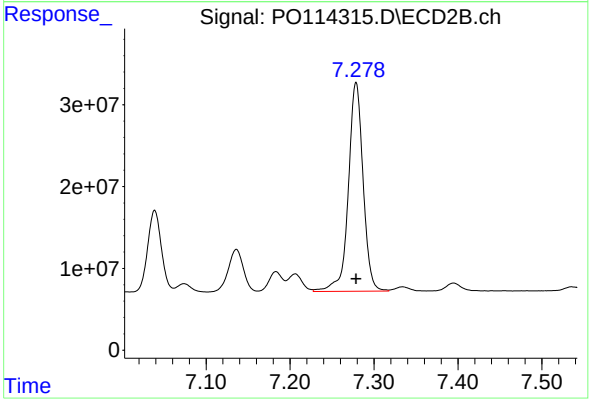
#34 AR-1260-4

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)

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

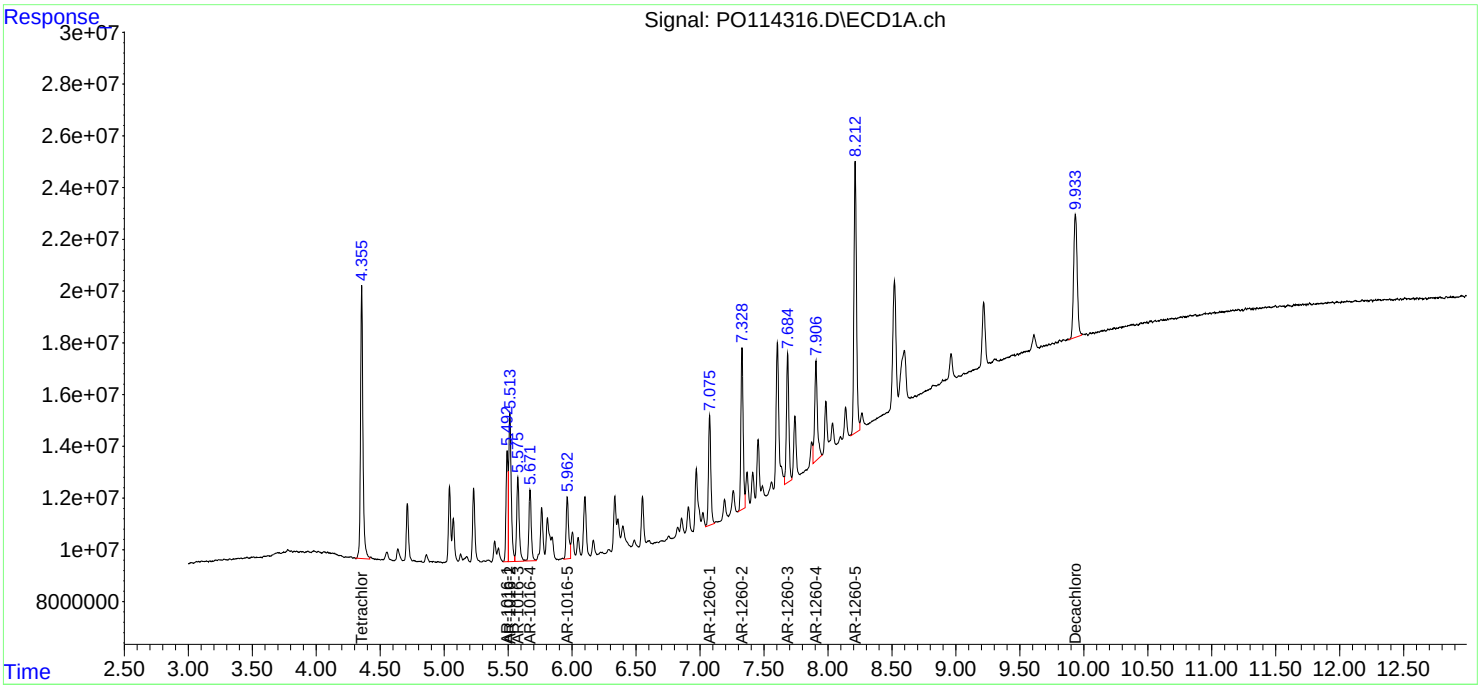
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

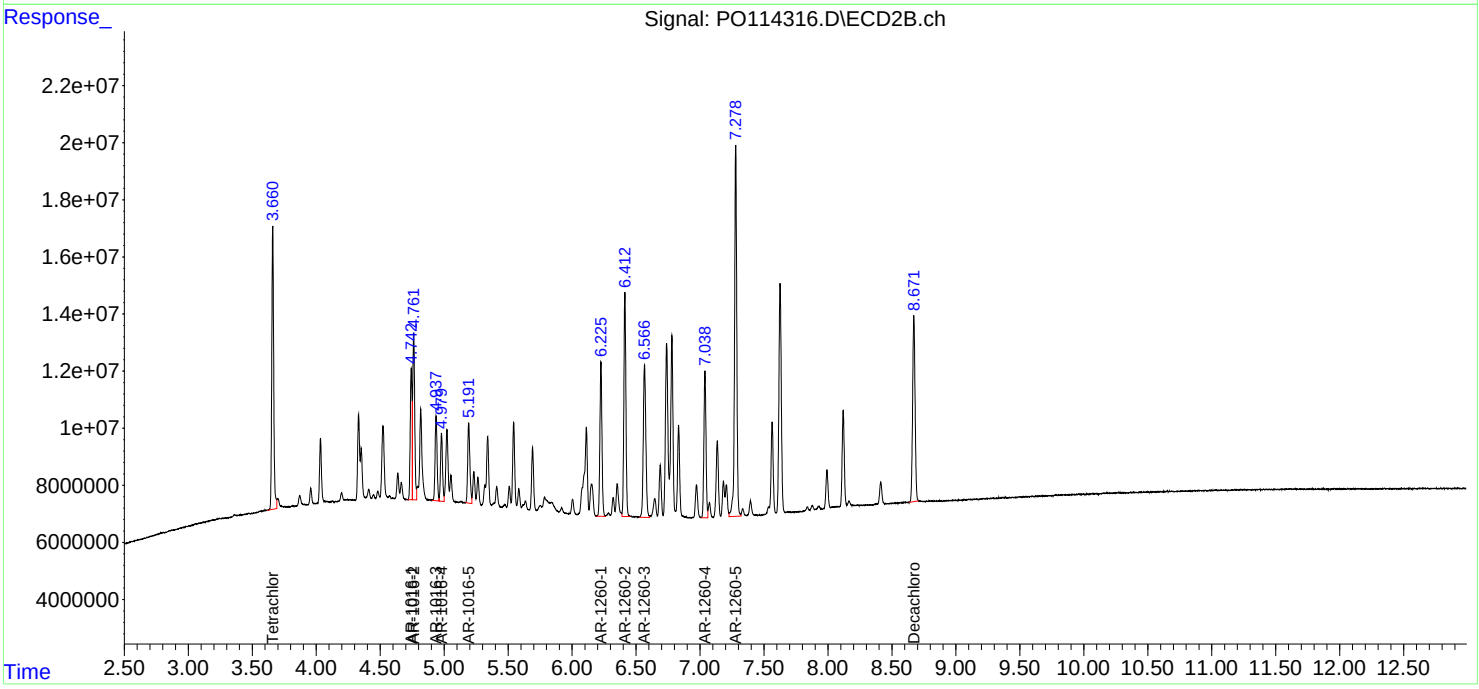
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:09
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

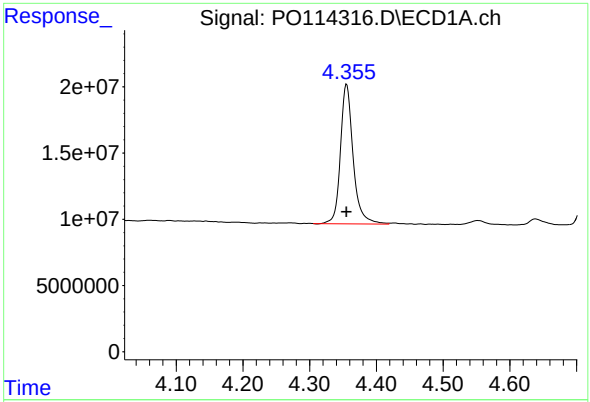
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

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



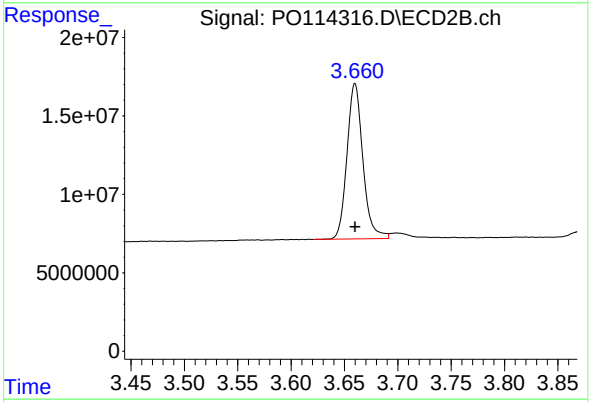




#1 Tetrachloro-m-xylene

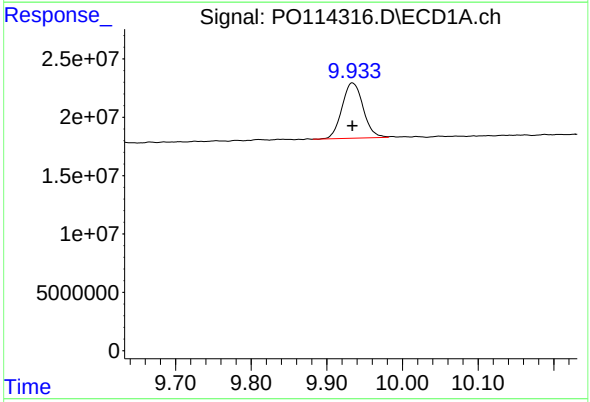
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 138810323
Conc: 24.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



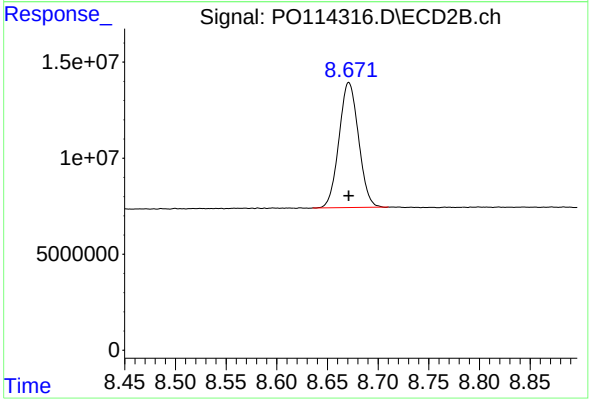
#1 Tetrachloro-m-xylene

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



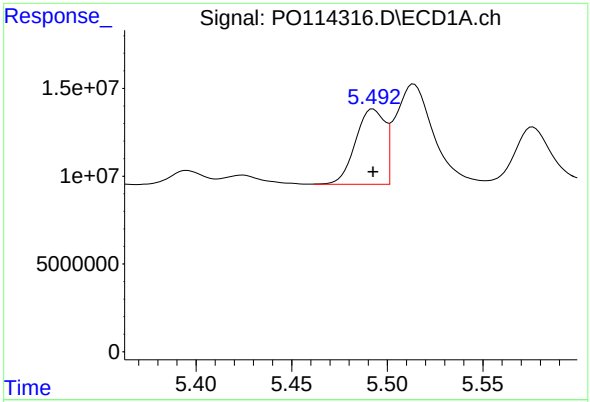
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

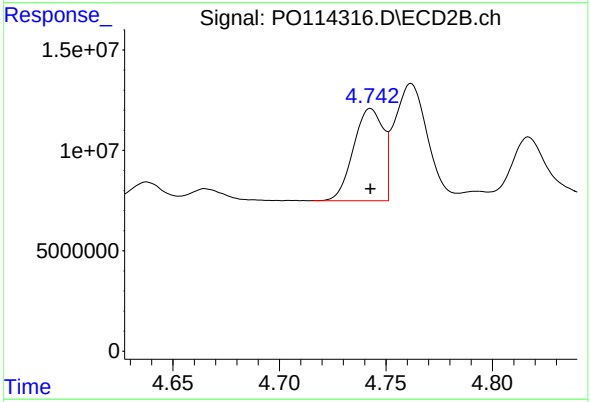
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 87271717
Conc: 26.03 ng/ml



#3 AR-1016-1

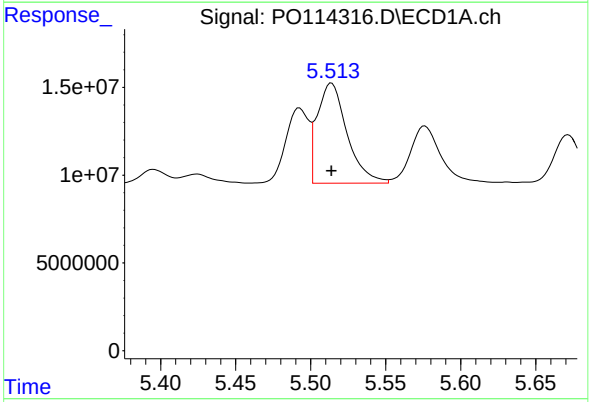
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 45830716
Conc: 254.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



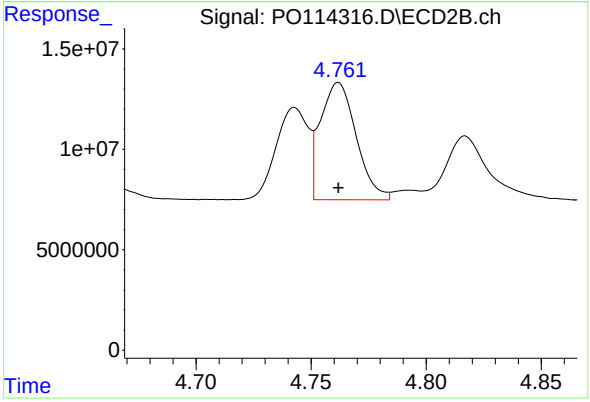
#3 AR-1016-1

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



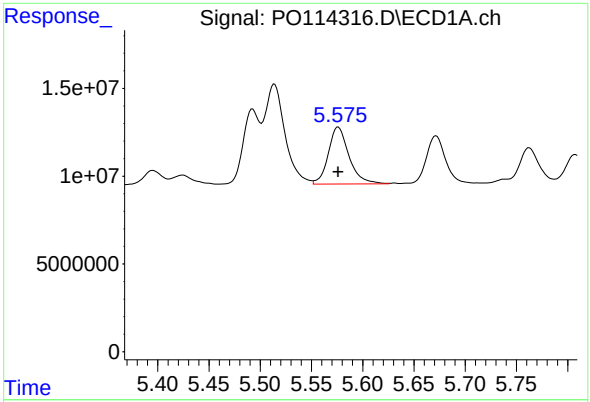
#4 AR-1016-2

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



#4 AR-1016-2

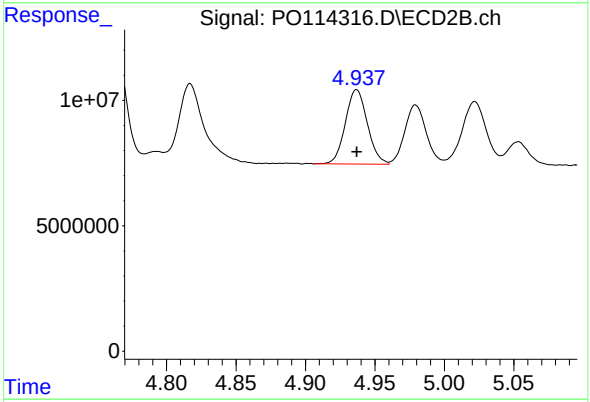
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 63226166
Conc: 261.04 ng/ml



#5 AR-1016-3

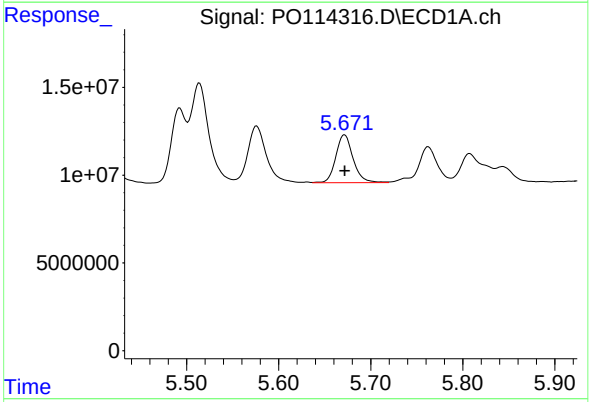
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 45626305
Conc: 262.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



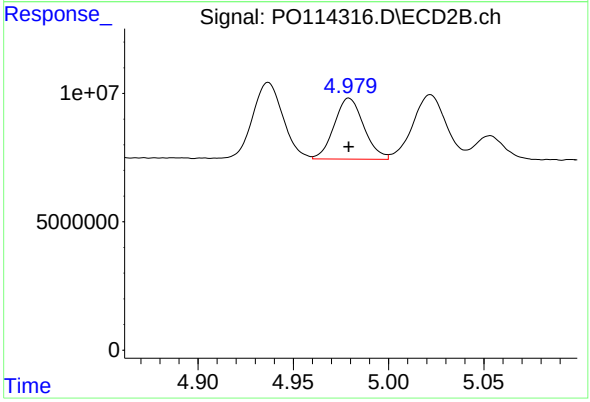
#5 AR-1016-3

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



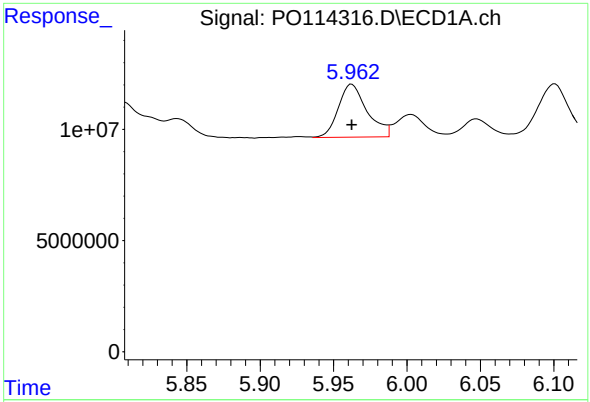
#6 AR-1016-4

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



#6 AR-1016-4

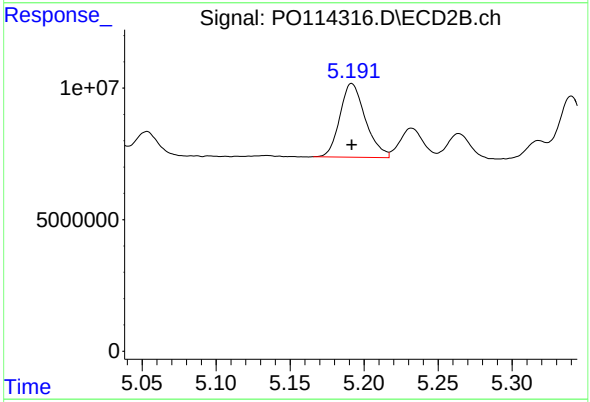
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 25674514
Conc: 262.14 ng/ml



#7 AR-1016-5

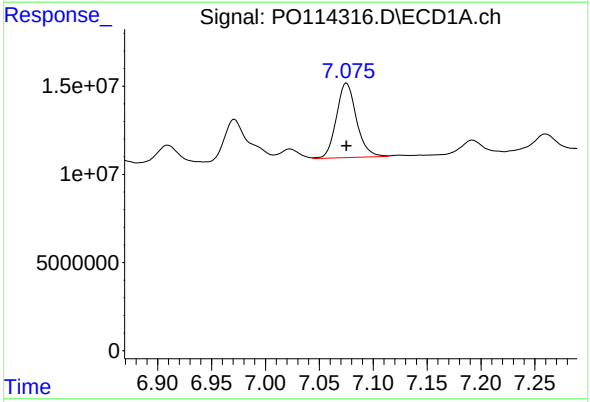
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 32548646
Conc: 255.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



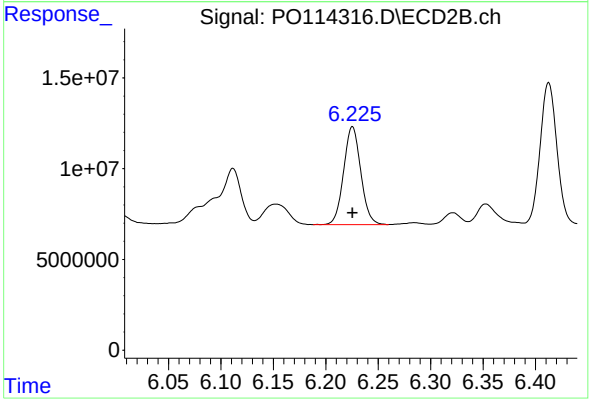
#7 AR-1016-5

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



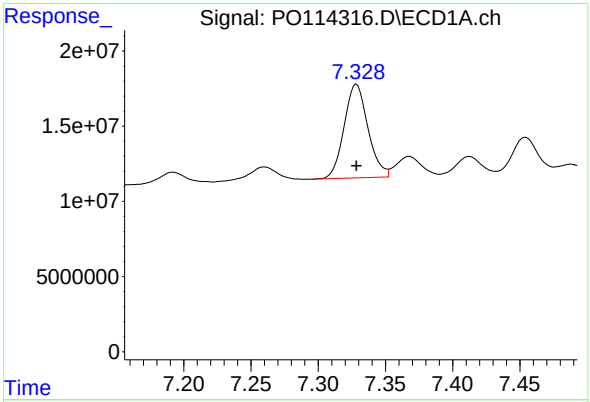
#31 AR-1260-1

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



#31 AR-1260-1

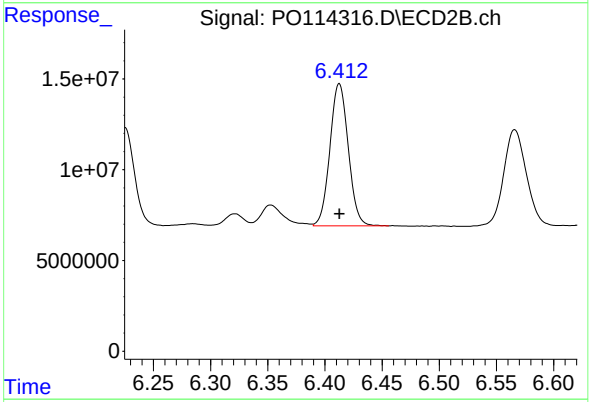
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 61418348
Conc: 264.63 ng/ml



#32 AR-1260-2

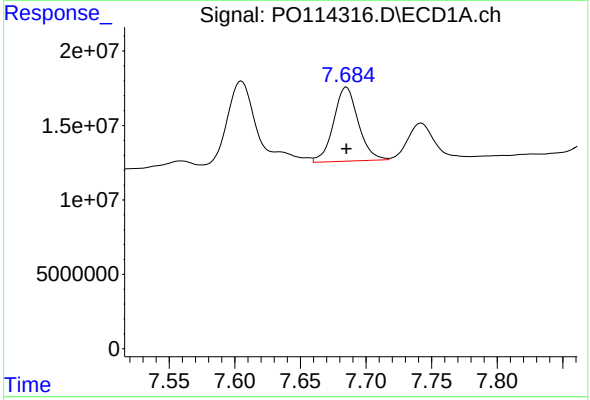
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 76791974
Conc: 249.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



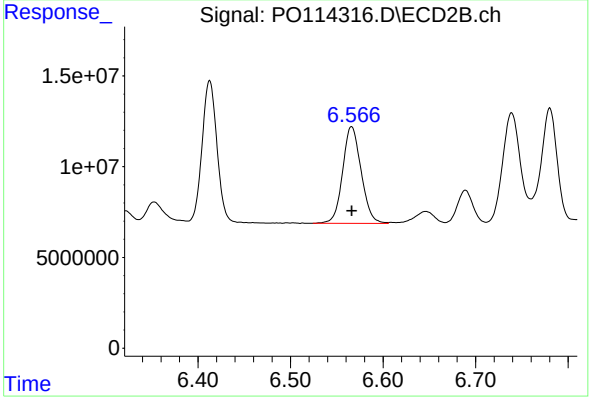
#32 AR-1260-2

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



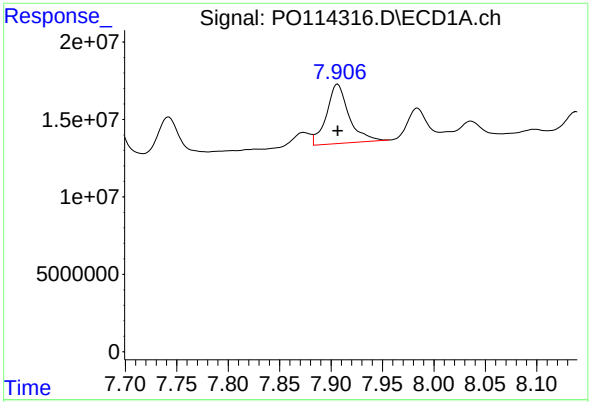
#33 AR-1260-3

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



#33 AR-1260-3

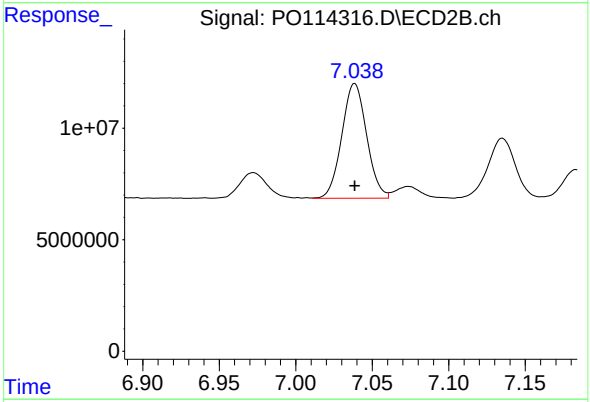
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 74109581
Conc: 269.53 ng/ml



#34 AR-1260-4

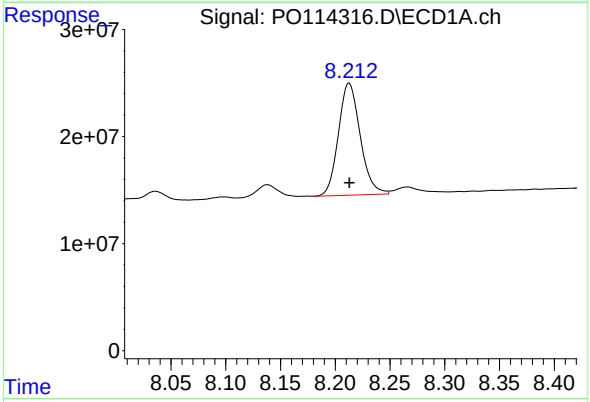
R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 58192264
Conc: 249.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



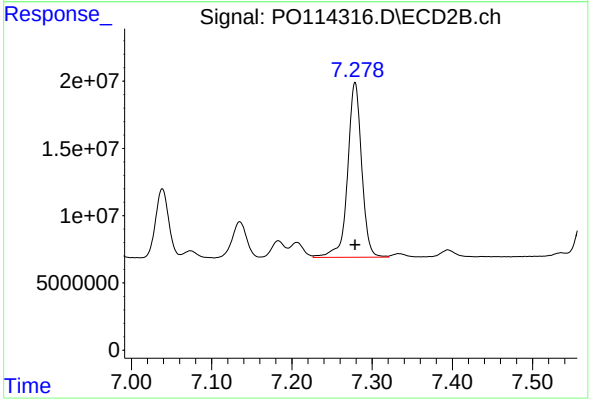
#34 AR-1260-4

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)

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.

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

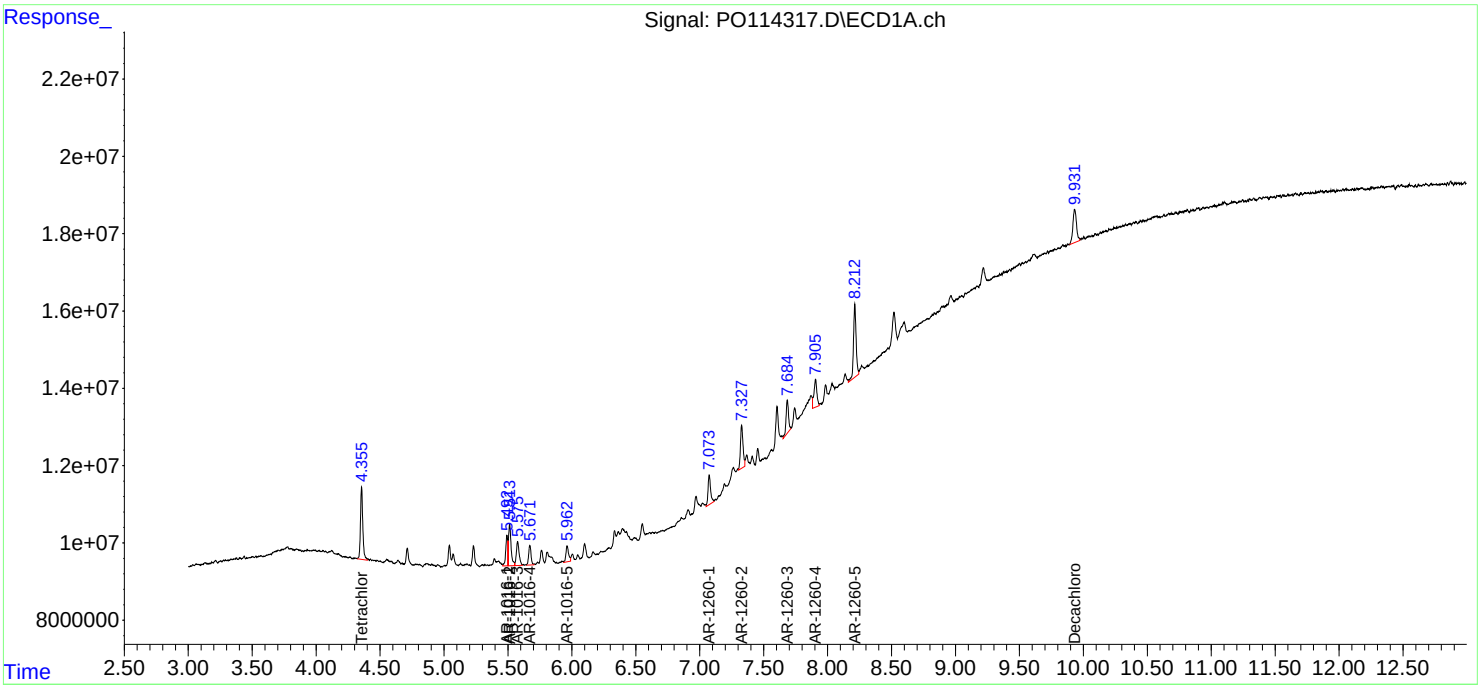
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

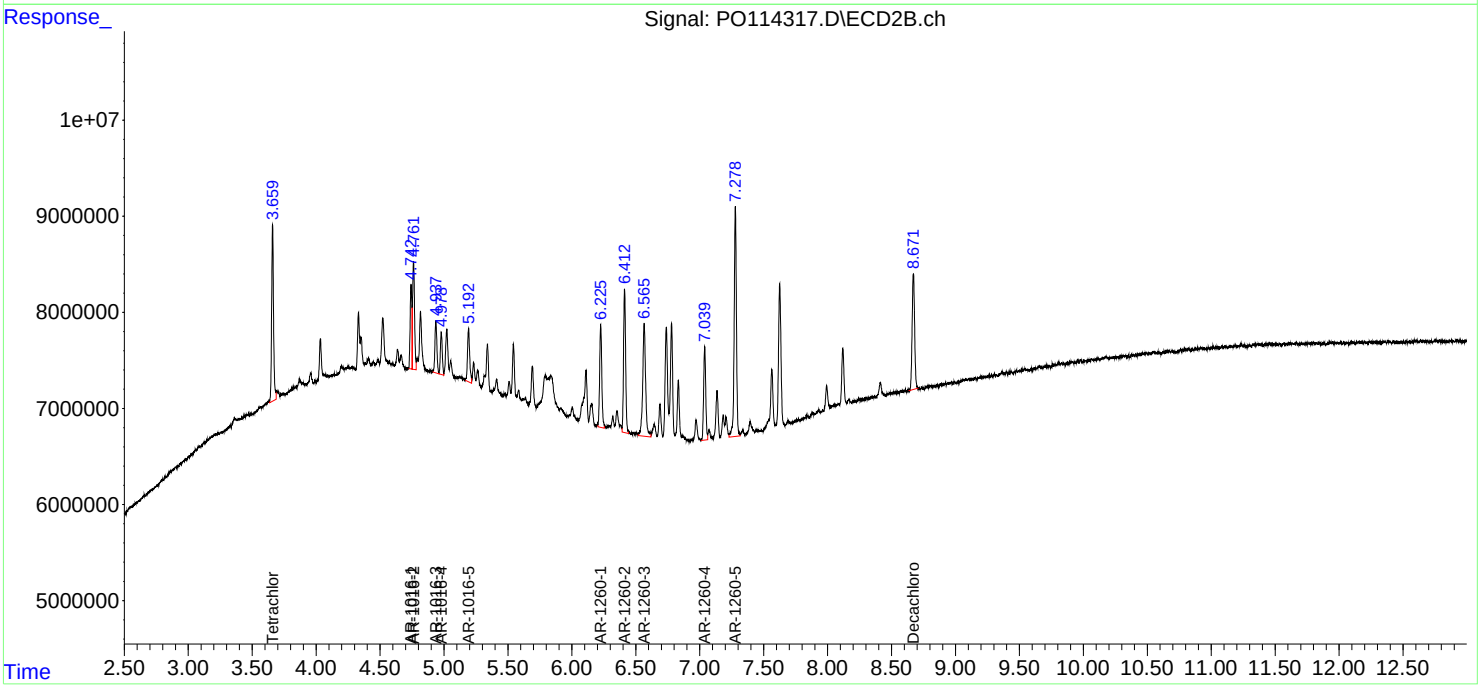
Manual Integrations APPROVED

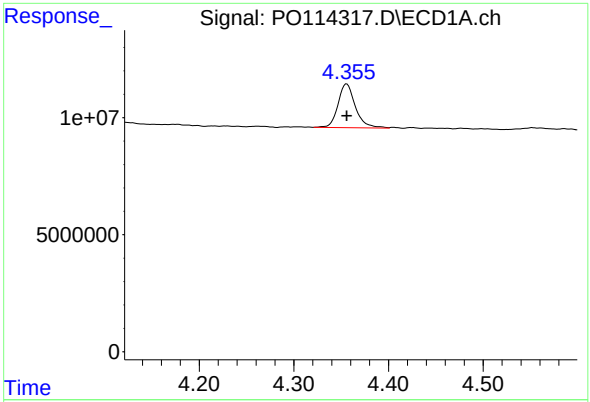
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

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







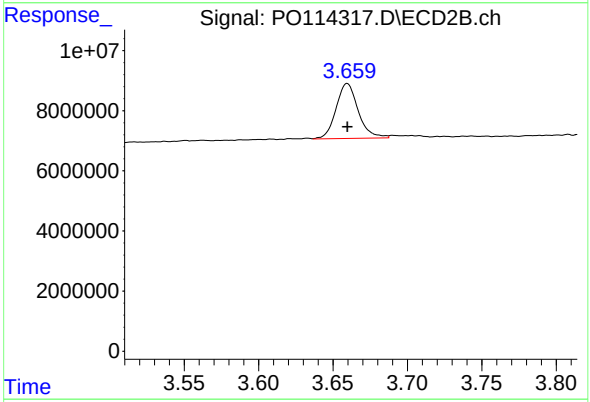
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

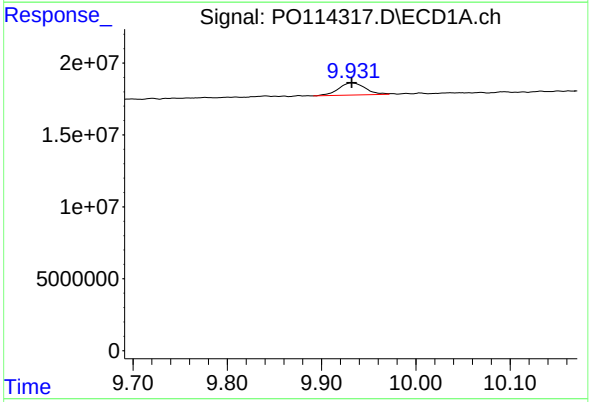
Manual Integrations APPROVED

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



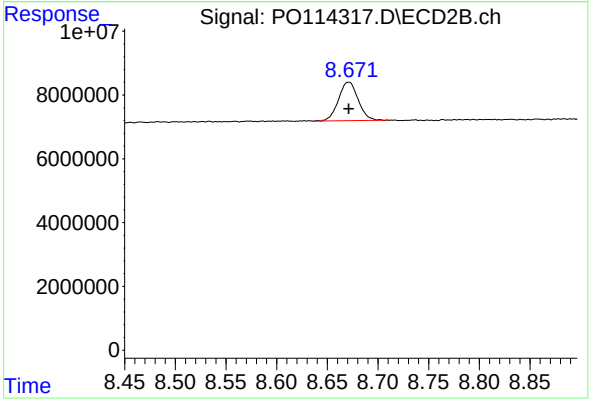
#1 Tetrachloro-m-xylene

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



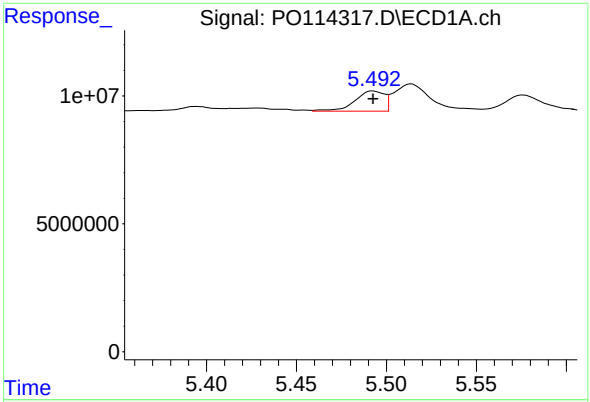
#2 Decachlorobiphenyl

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



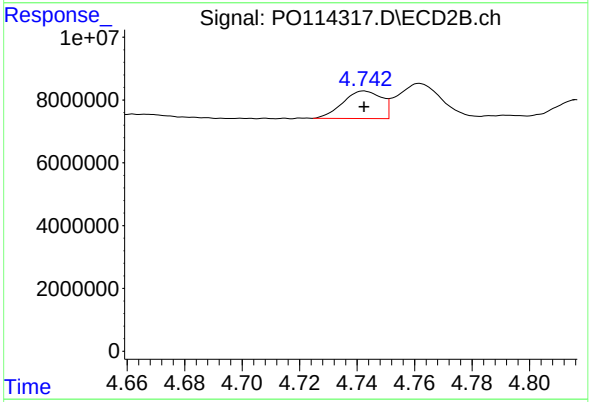
#3 AR-1016-1

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

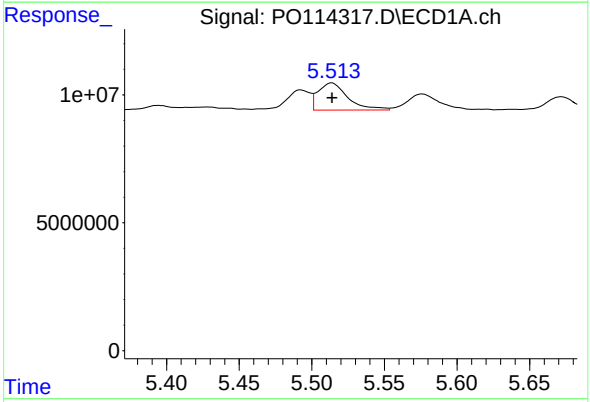
Manual Integrations APPROVED

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



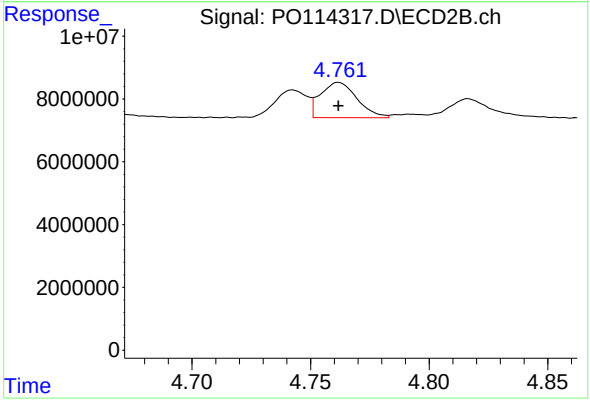
#3 AR-1016-1

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



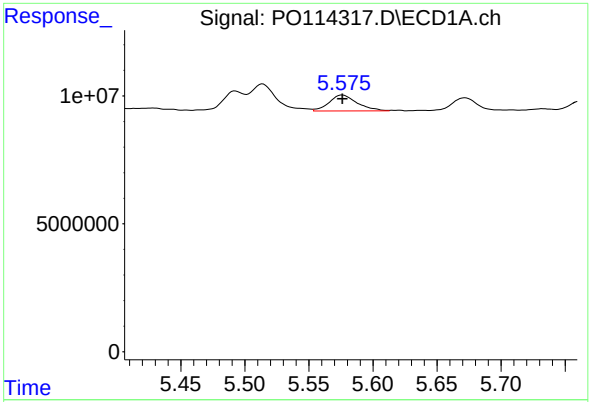
#4 AR-1016-2

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



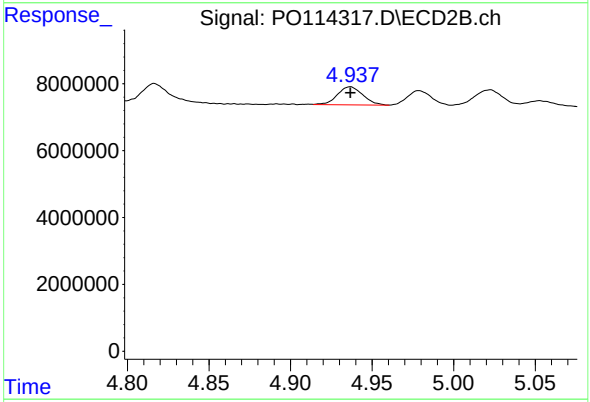
#5 AR-1016-3

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

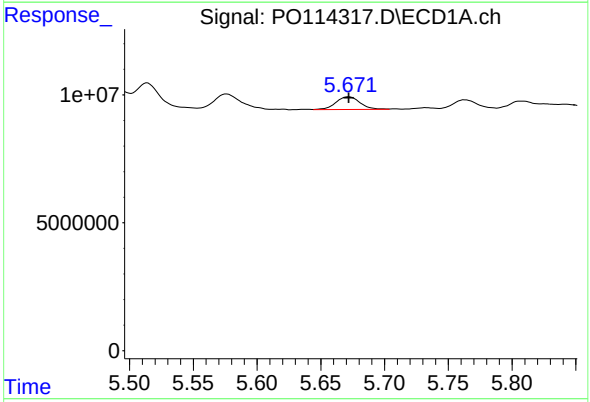
Manual Integrations APPROVED

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



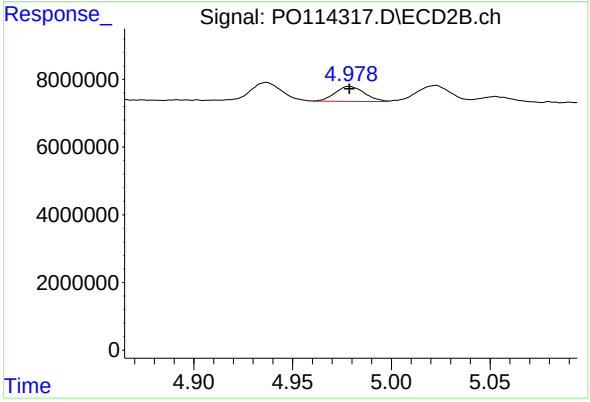
#5 AR-1016-3

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



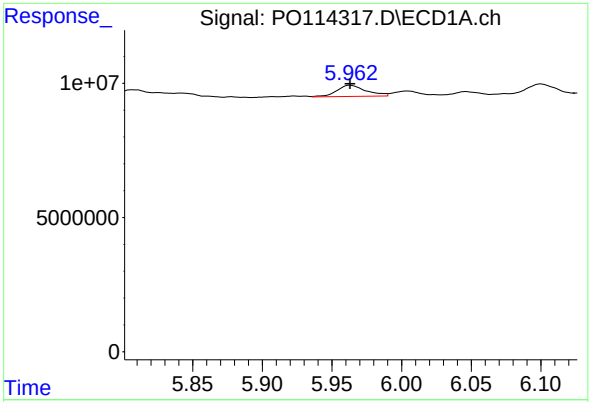
#6 AR-1016-4

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



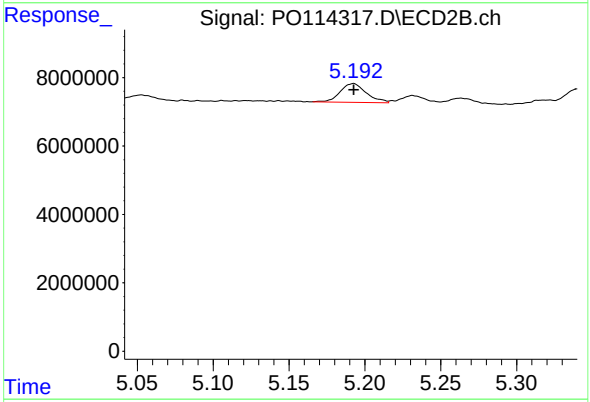
#7 AR-1016-5

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

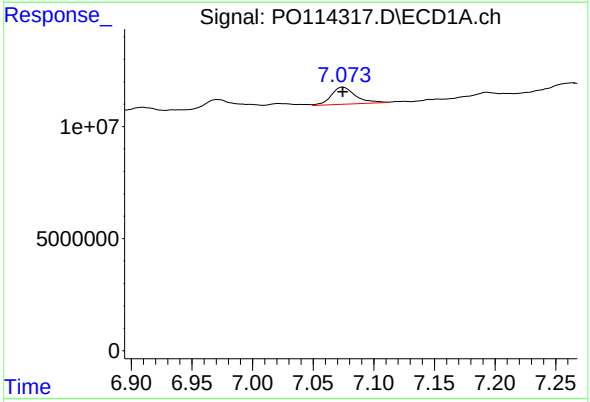
Manual Integrations APPROVED

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



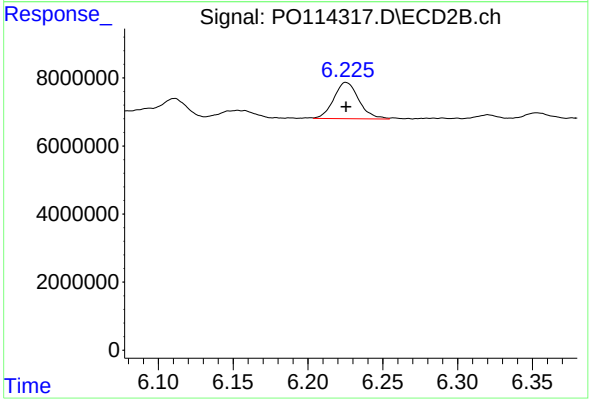
#7 AR-1016-5

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



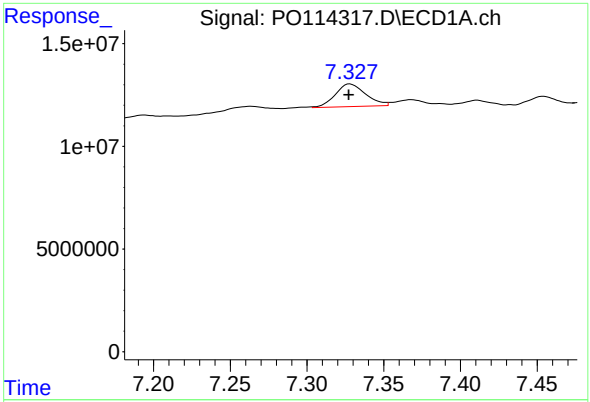
#31 AR-1260-1

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



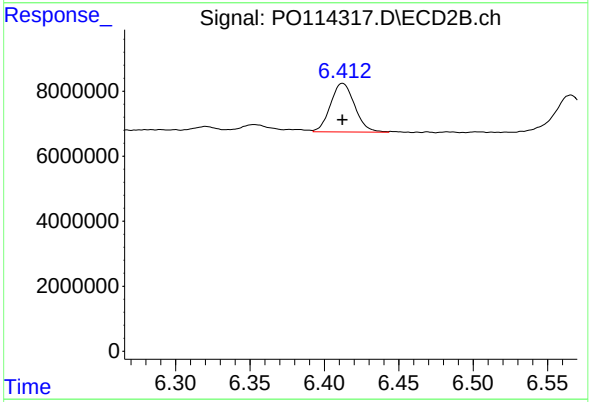
#32 AR-1260-2

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

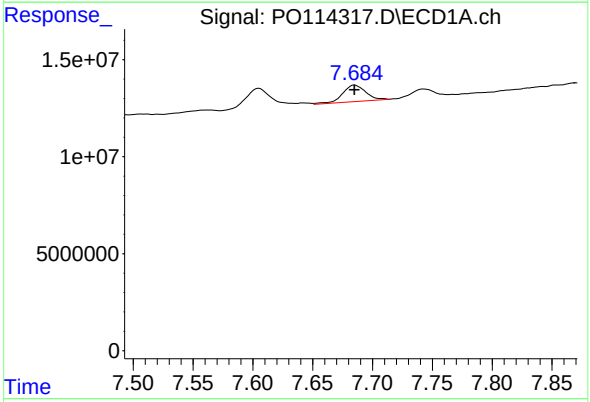
Manual Integrations APPROVED

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



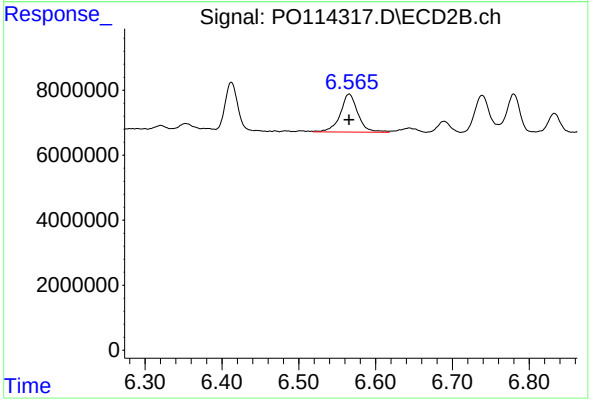
#32 AR-1260-2

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



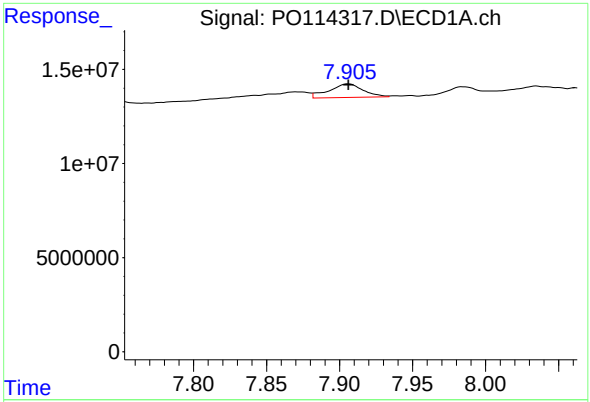
#33 AR-1260-3

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



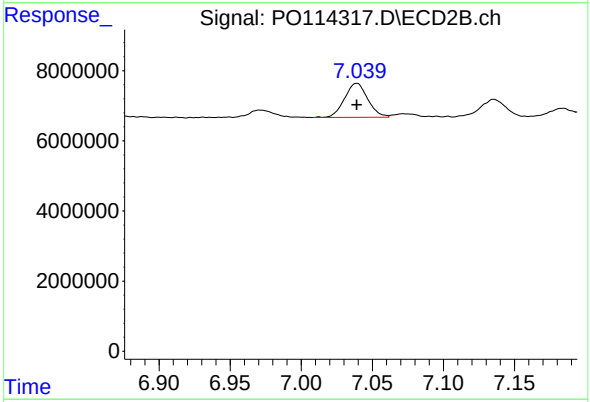
#34 AR-1260-4

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

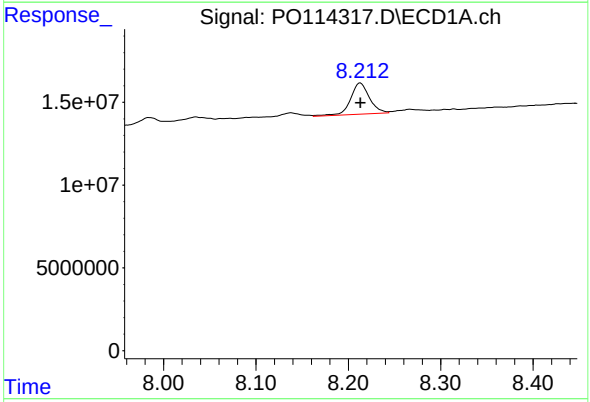
Manual Integrations APPROVED

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



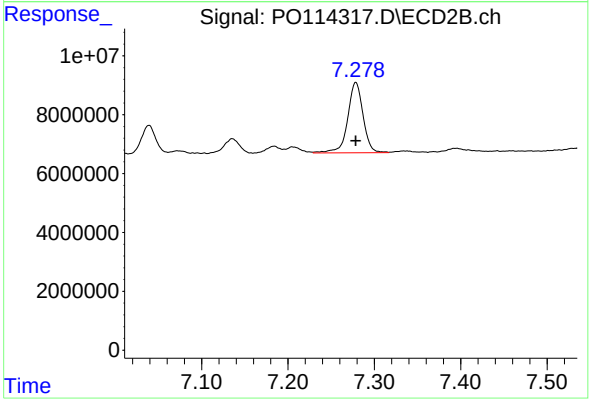
#34 AR-1260-4

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)

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

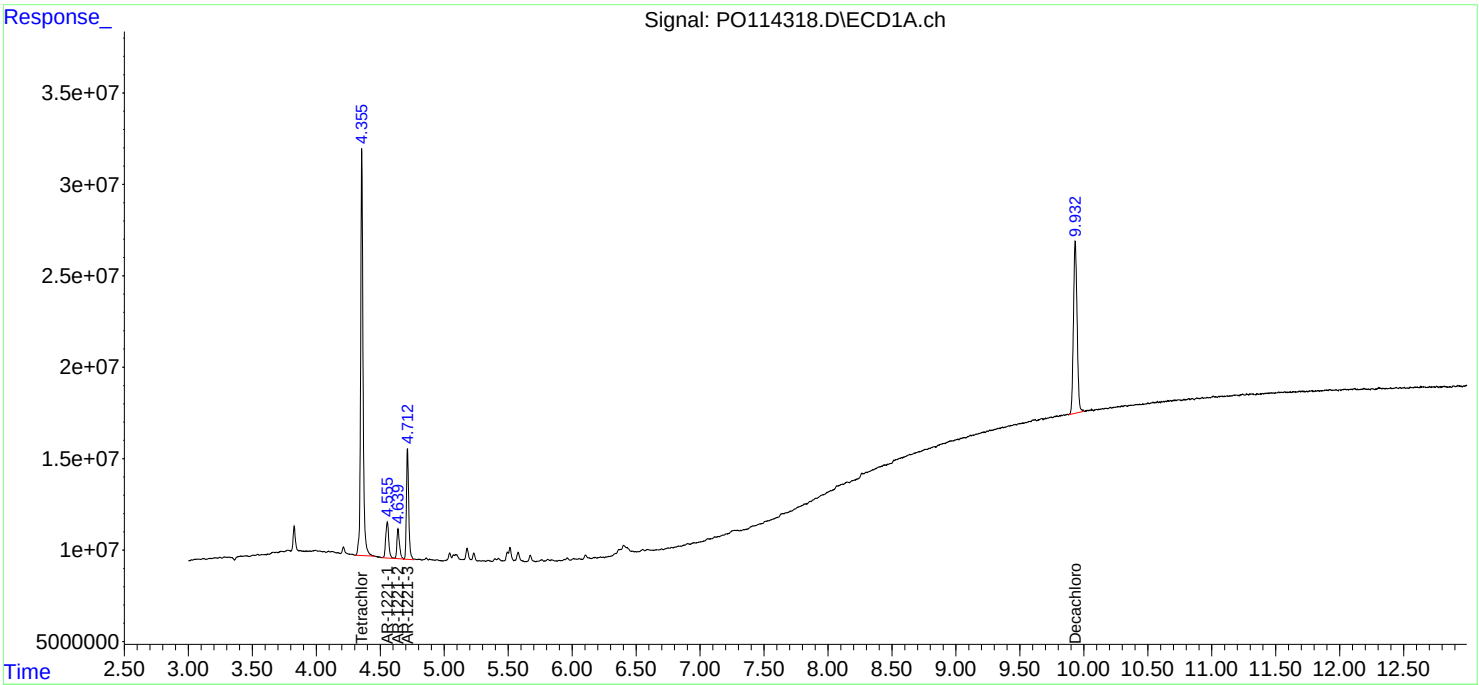
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

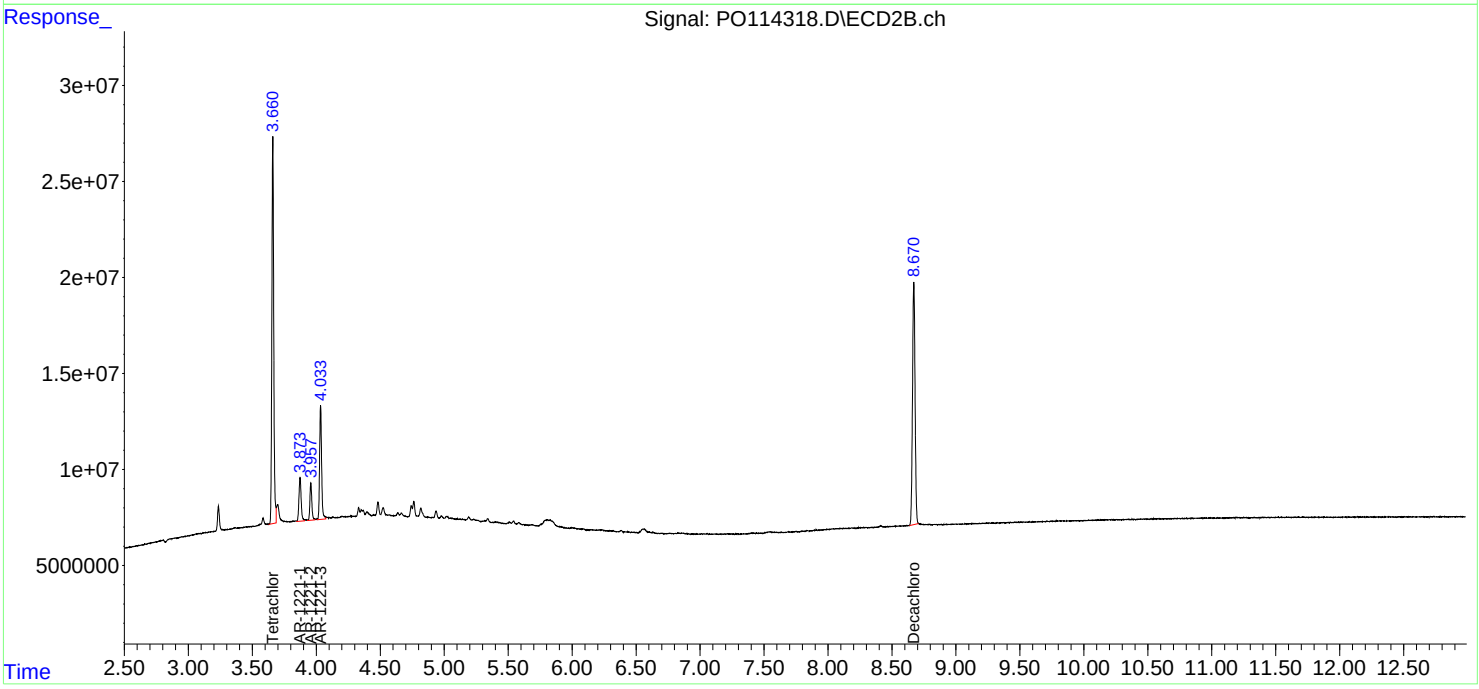
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:45
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

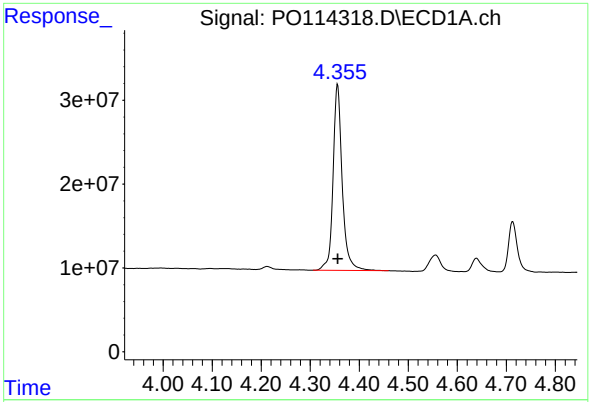
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

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



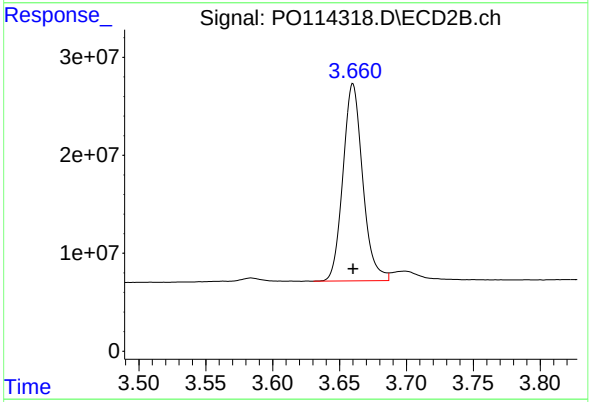




#1 Tetrachloro-m-xylene

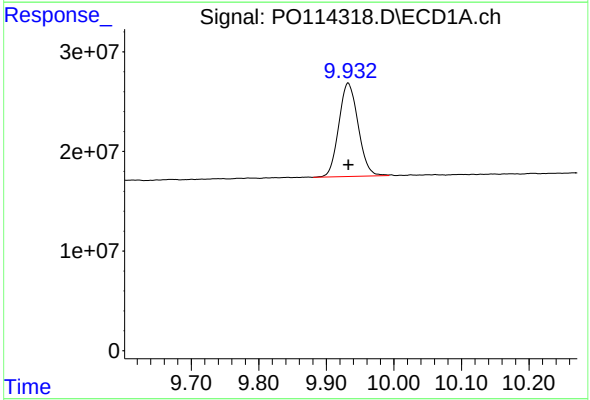
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 288601942
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



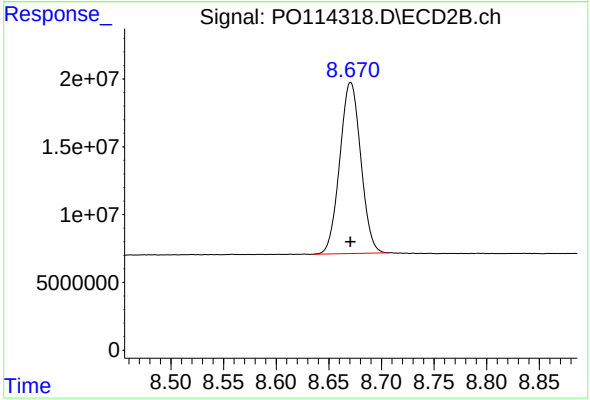
#1 Tetrachloro-m-xylene

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



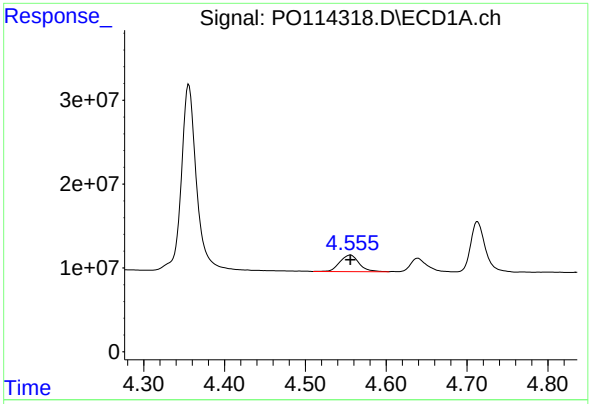
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

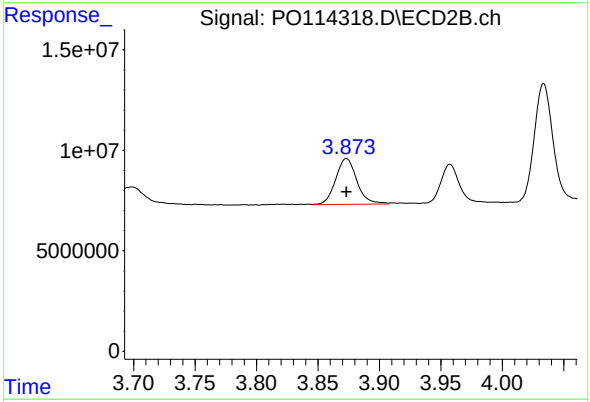
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 175233346
Conc: 50.00 ng/ml



#8 AR-1221-1

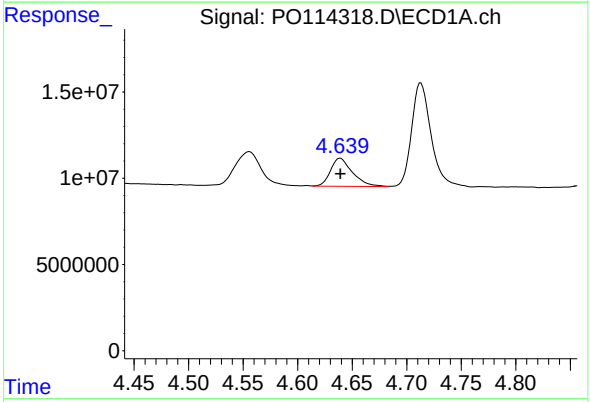
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 32514894
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



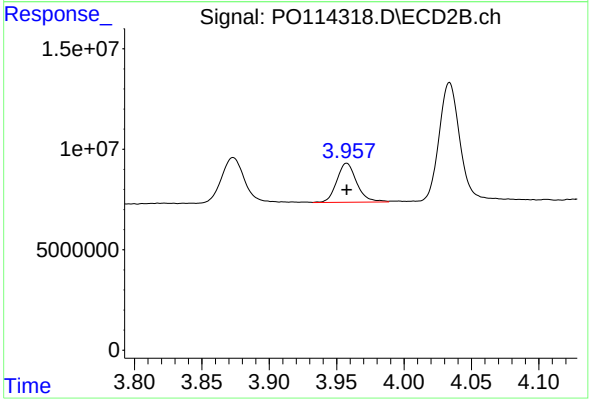
#8 AR-1221-1

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



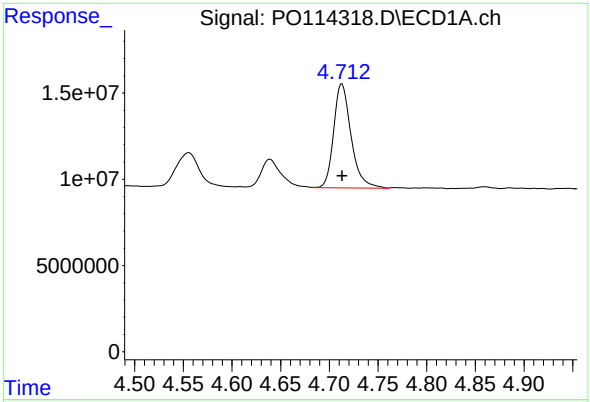
#9 AR-1221-2

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



#9 AR-1221-2

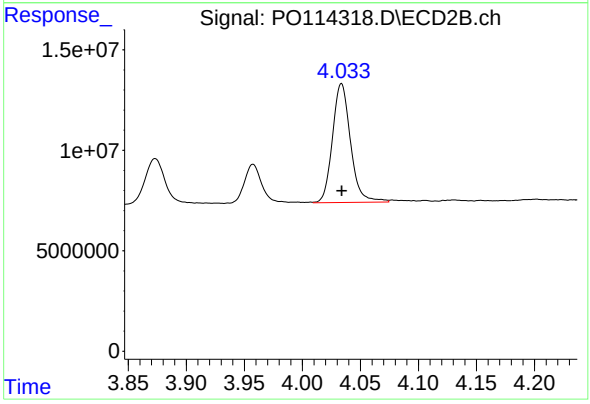
R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 20232677
Conc: 500.00 ng/ml



#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)

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

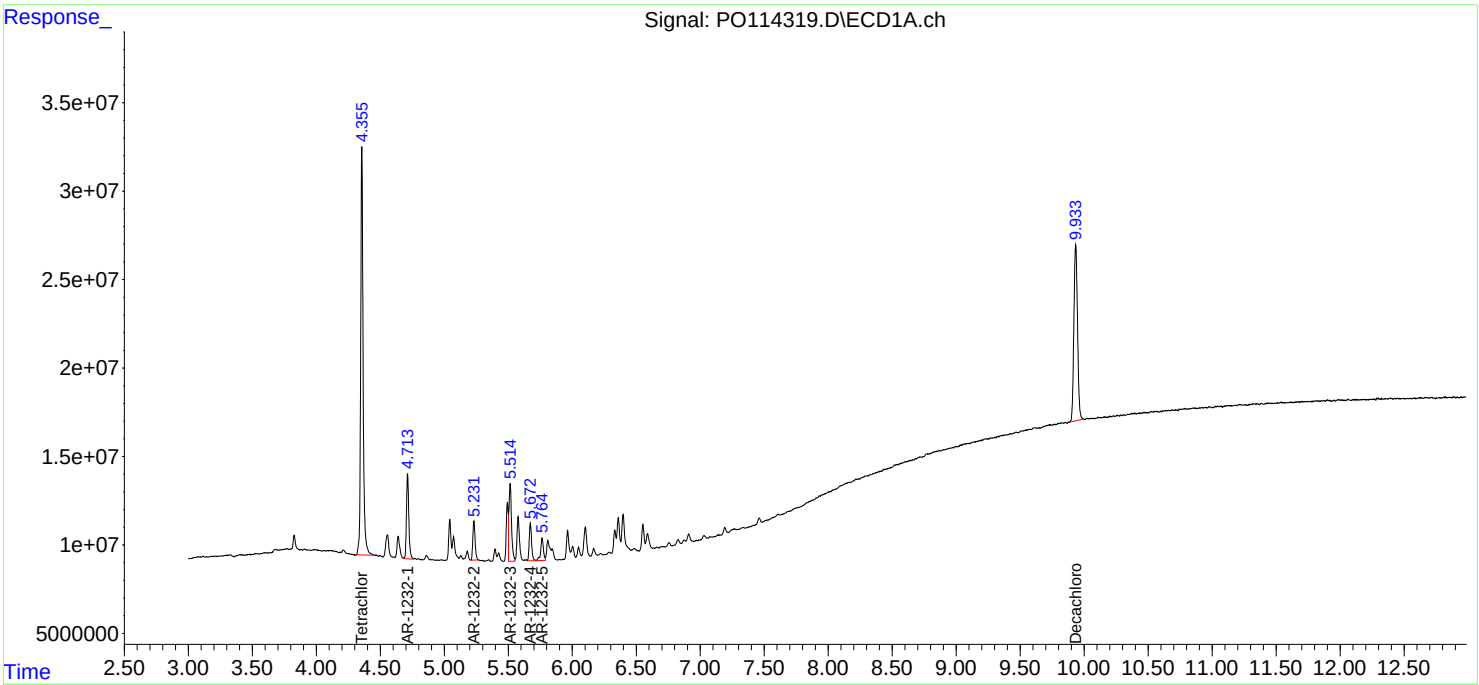
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

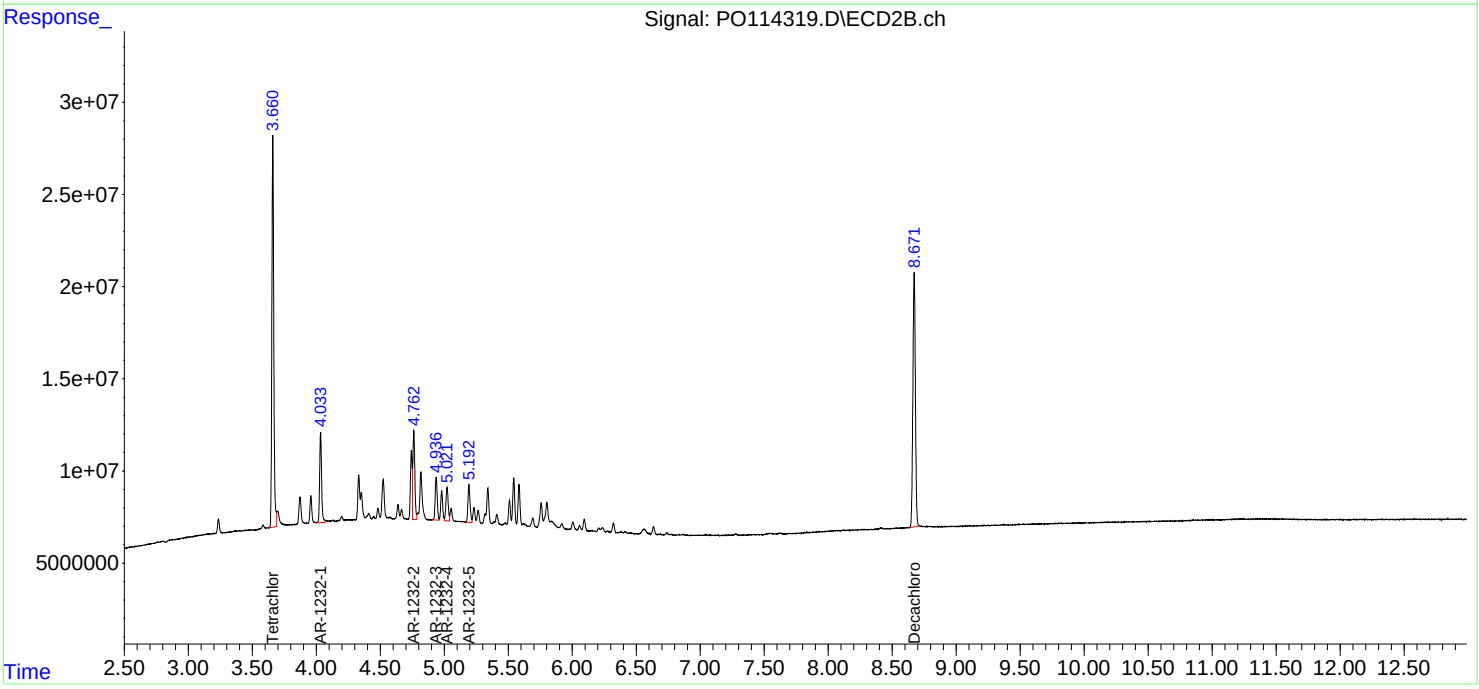
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:04
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

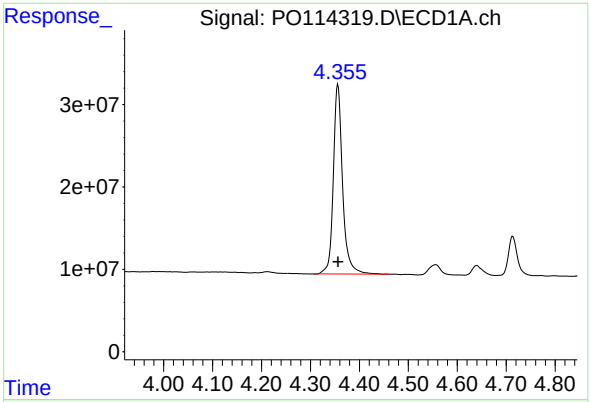
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

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



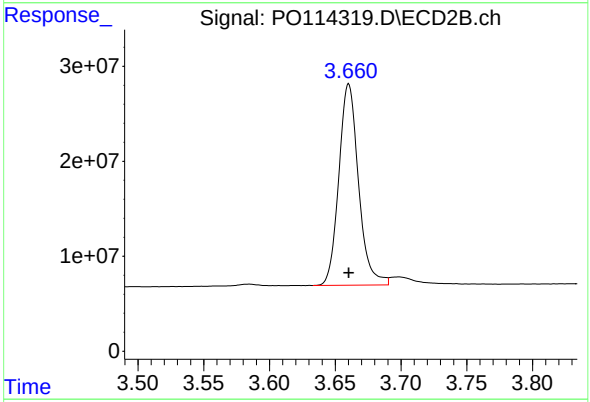




#1 Tetrachloro-m-xylene

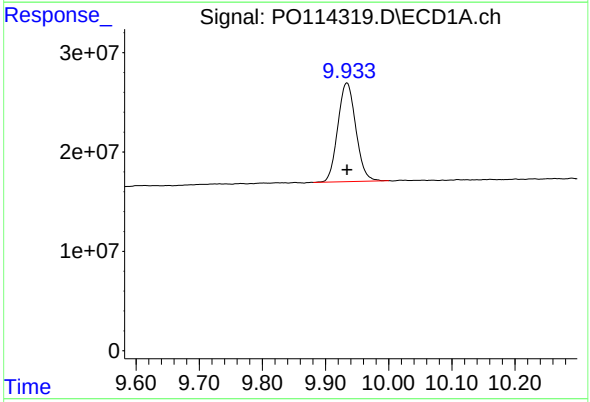
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 302629783
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



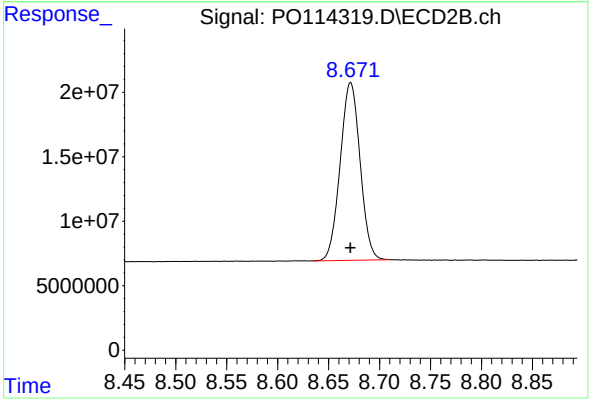
#1 Tetrachloro-m-xylene

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



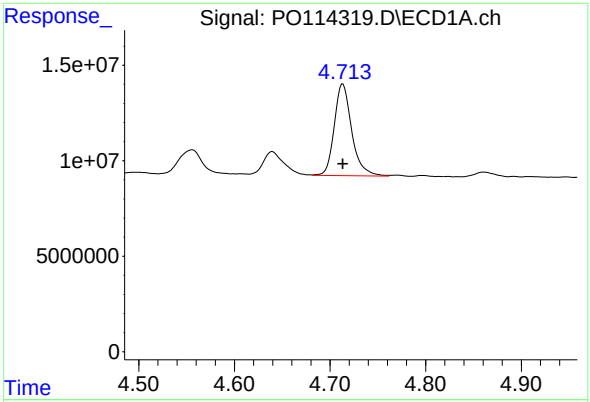
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

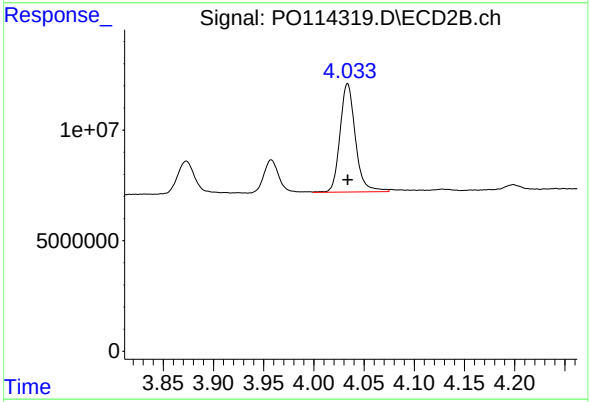
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 187559705
Conc: 50.00 ng/ml



#11 AR-1232-1

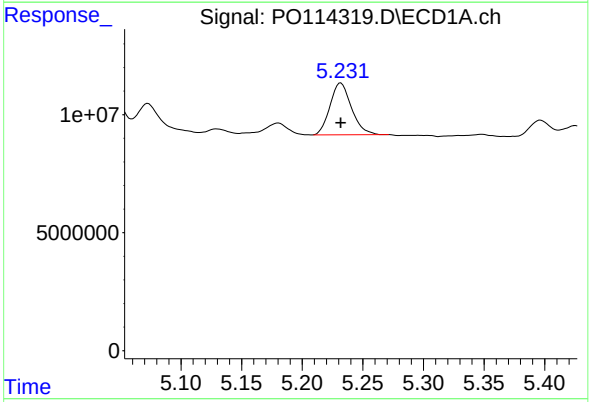
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 61030294
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



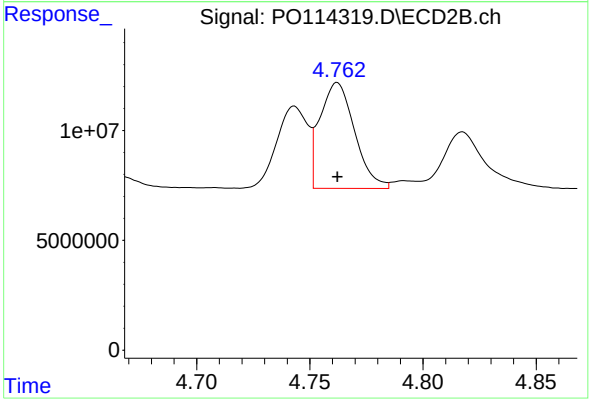
#11 AR-1232-1

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



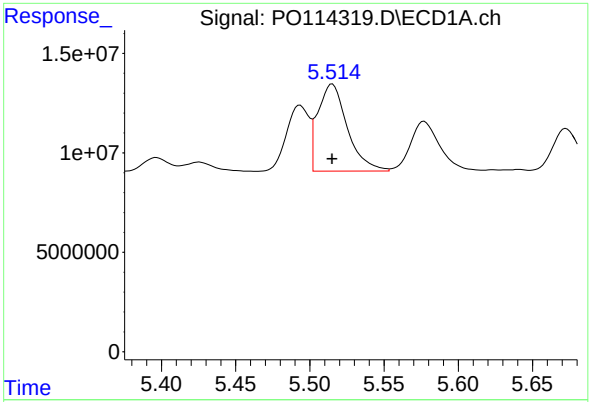
#12 AR-1232-2

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



#12 AR-1232-2

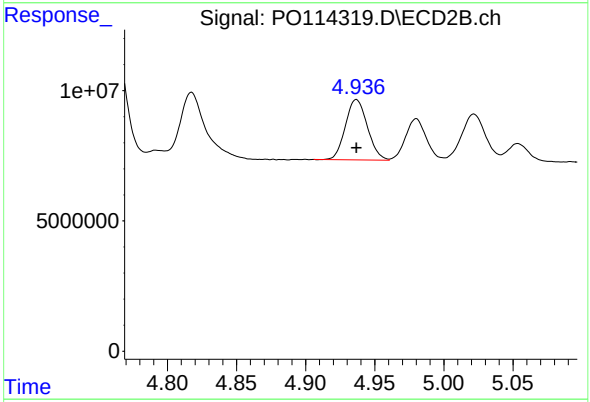
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 51440164
Conc: 500.00 ng/ml



#13 AR-1232-3

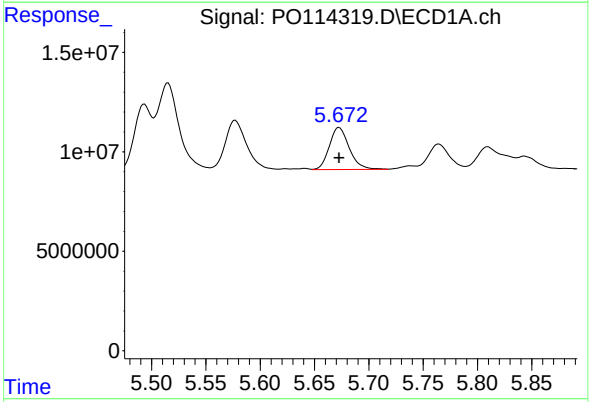
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 60677577
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



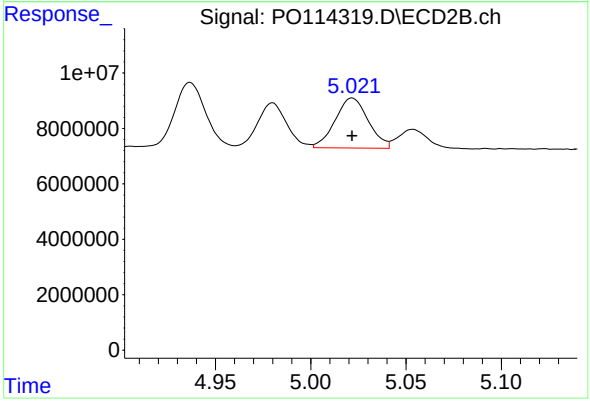
#13 AR-1232-3

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



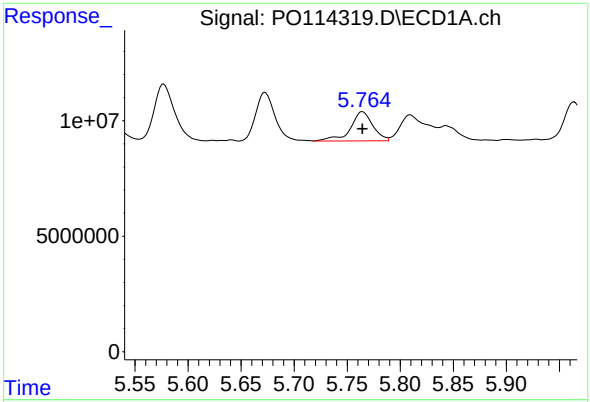
#14 AR-1232-4

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



#14 AR-1232-4

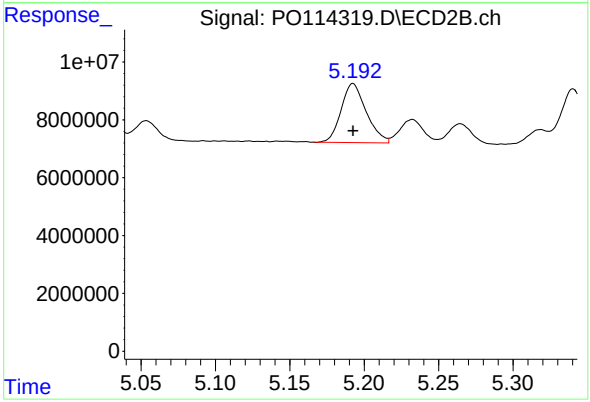
R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 21817348
Conc: 500.00 ng/ml



#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)

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

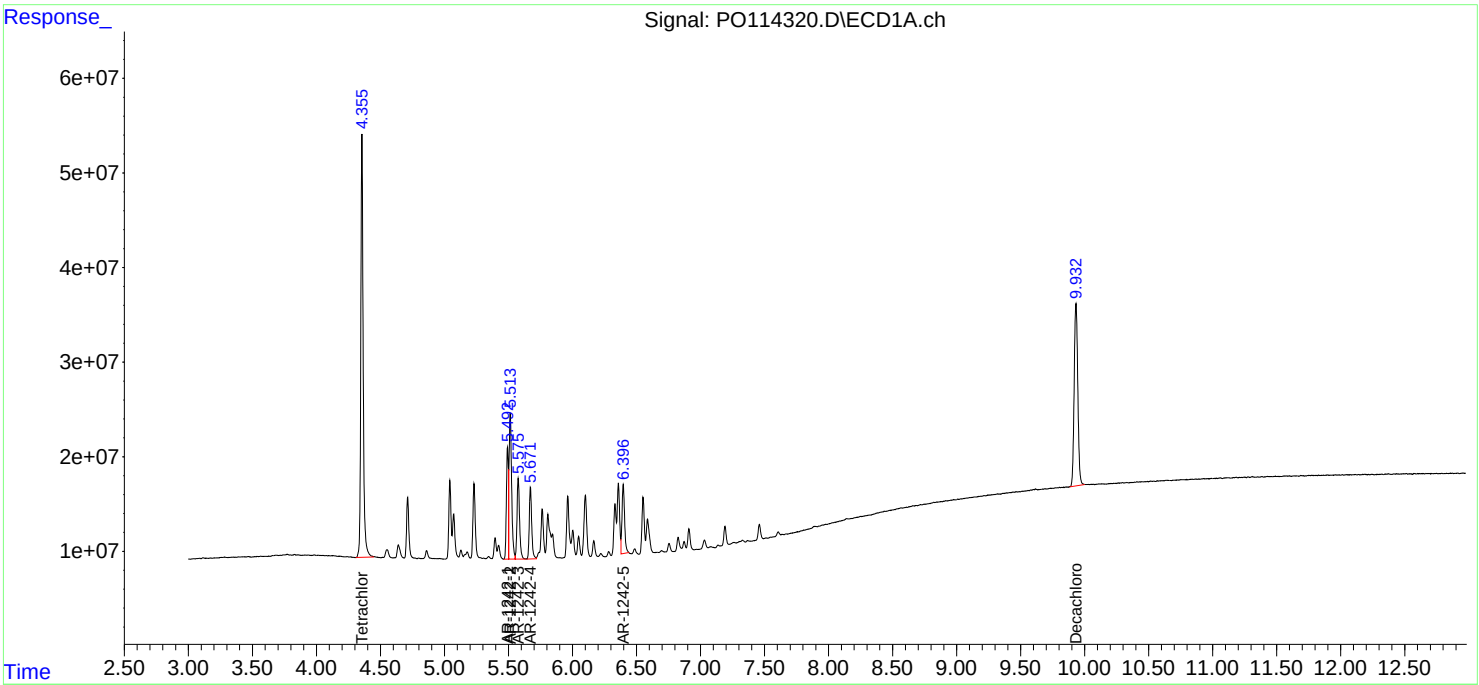
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

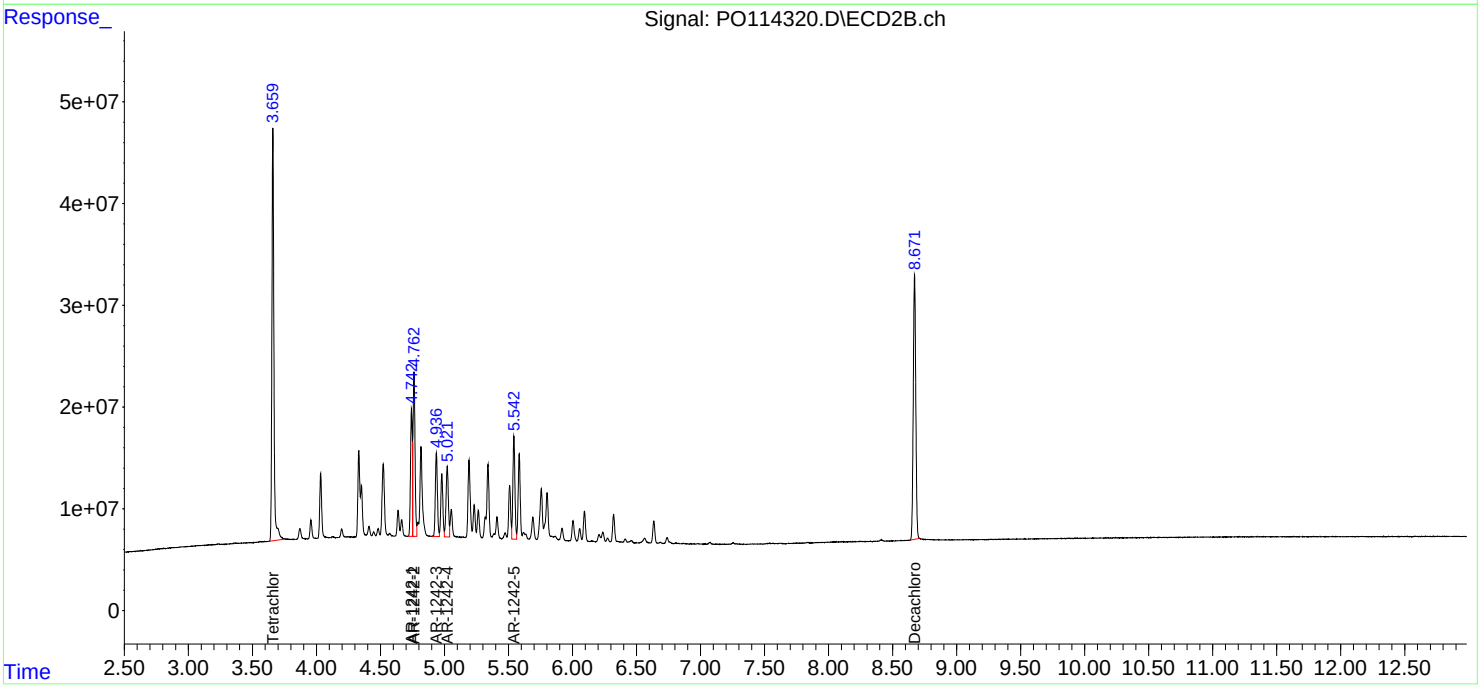
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:22
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

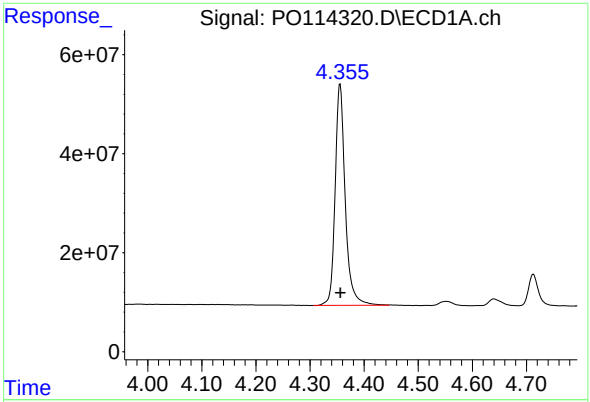
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

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



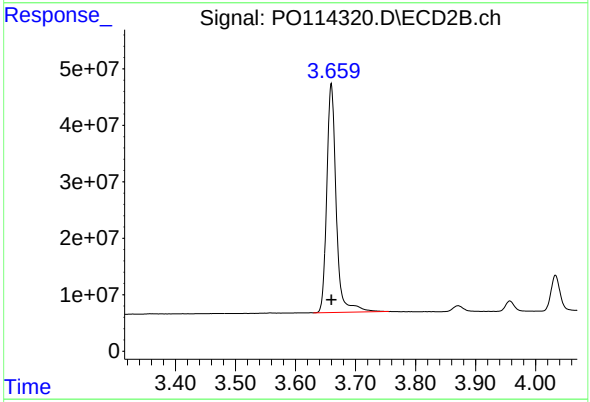




#1 Tetrachloro-m-xylene

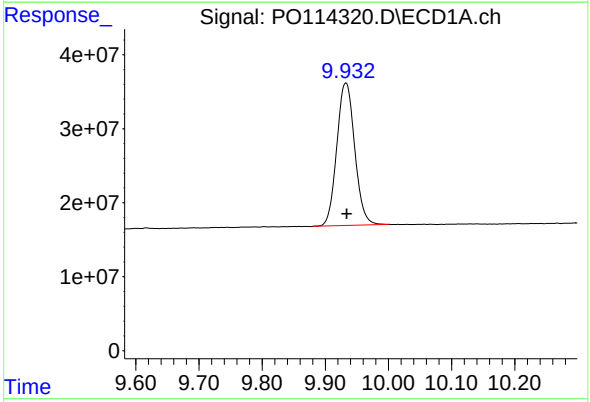
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 580434374
Conc: 98.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



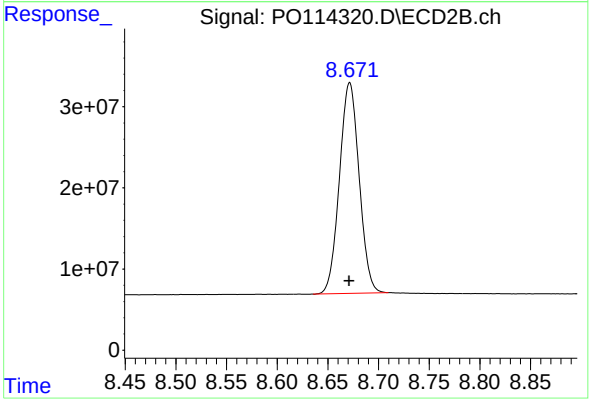
#1 Tetrachloro-m-xylene

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



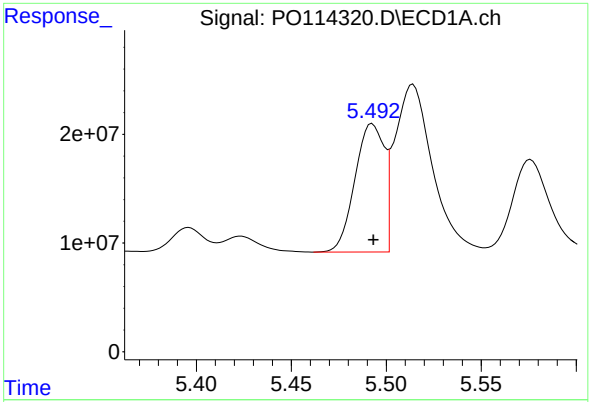
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

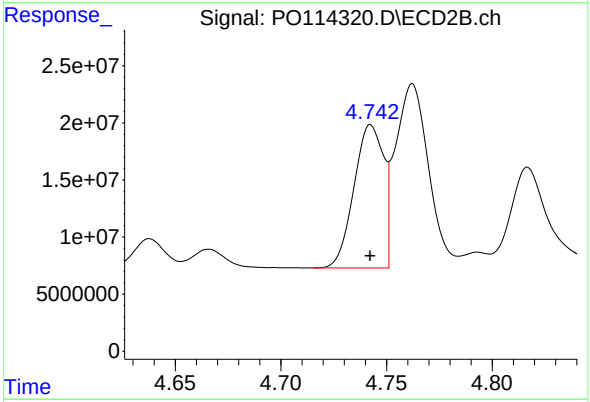
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 351710959
Conc: 93.60 ng/ml



#16 AR-1242-1

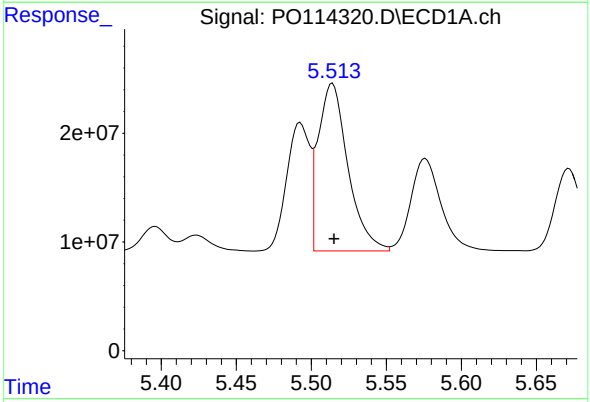
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 126706434
Conc: 938.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



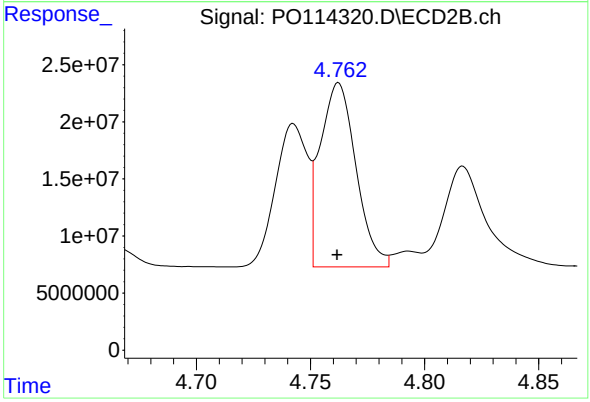
#16 AR-1242-1

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



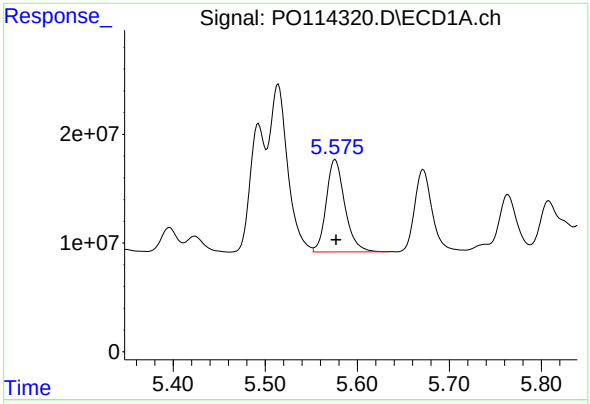
#17 AR-1242-2

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



#17 AR-1242-2

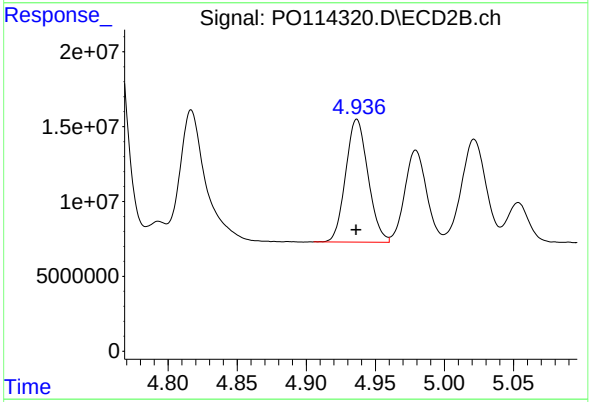
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 175860987
Conc: 941.68 ng/ml



#18 AR-1242-3

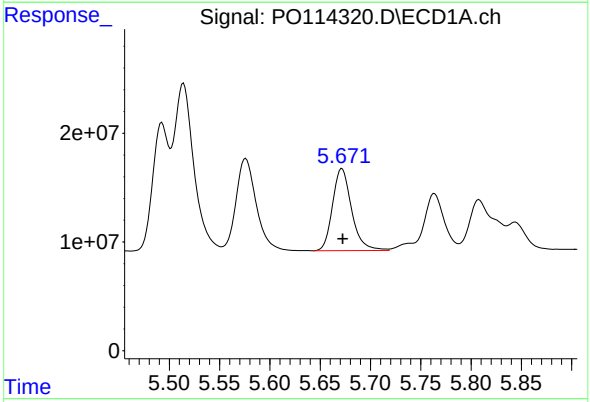
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 119144042
Conc: 947.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



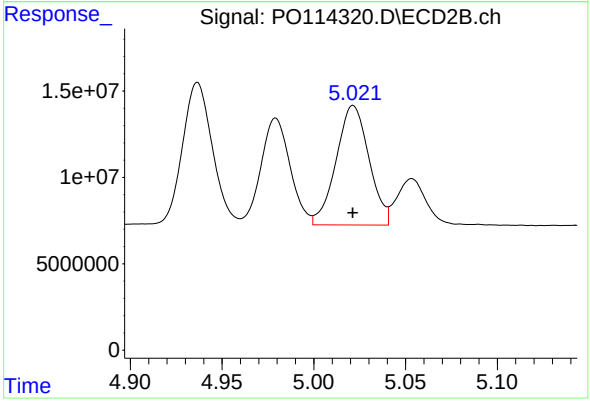
#18 AR-1242-3

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



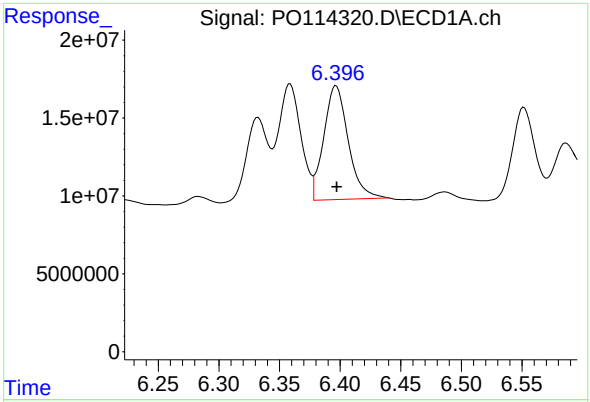
#19 AR-1242-4

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



#19 AR-1242-4

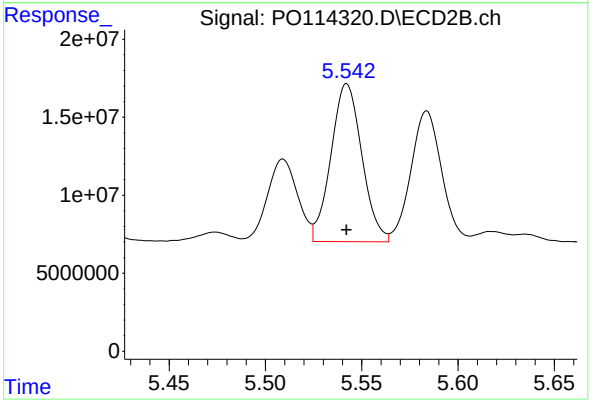
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 86300671
Conc: 935.00 ng/ml



#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)

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

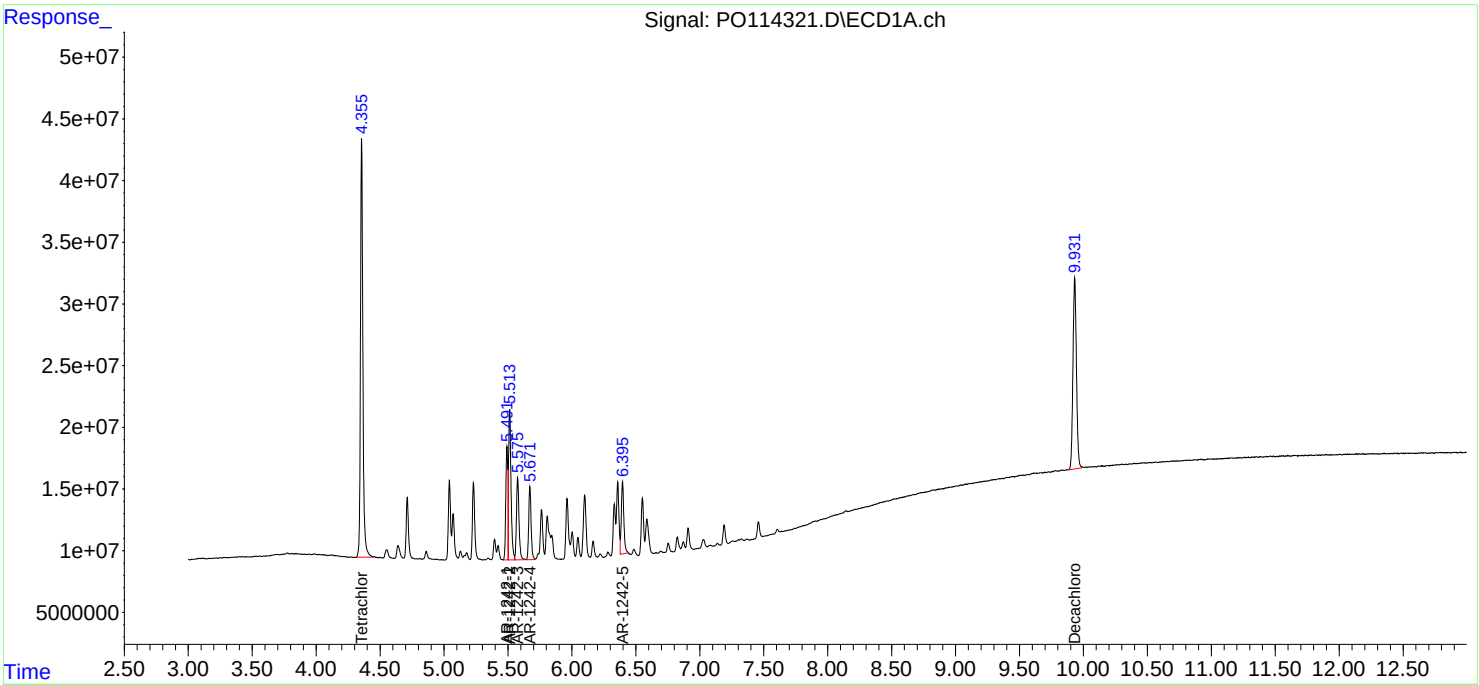
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

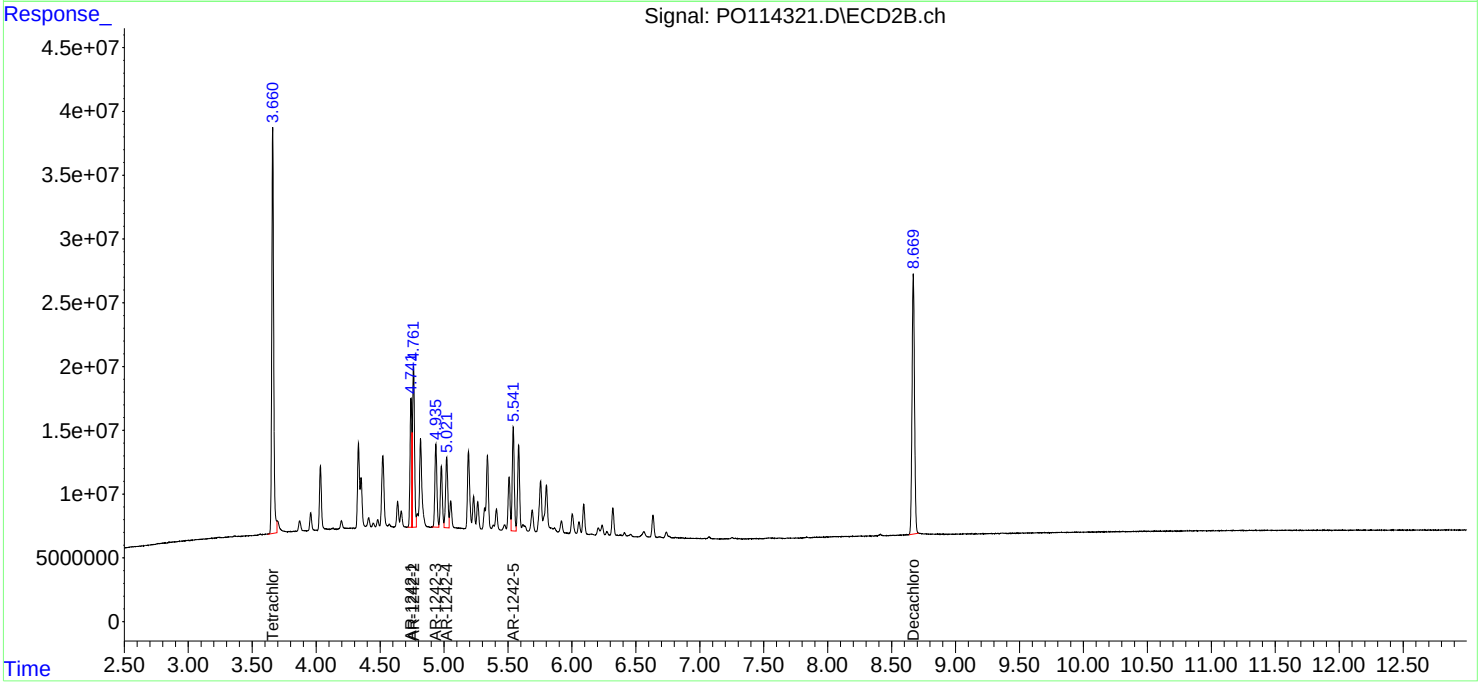
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:40
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

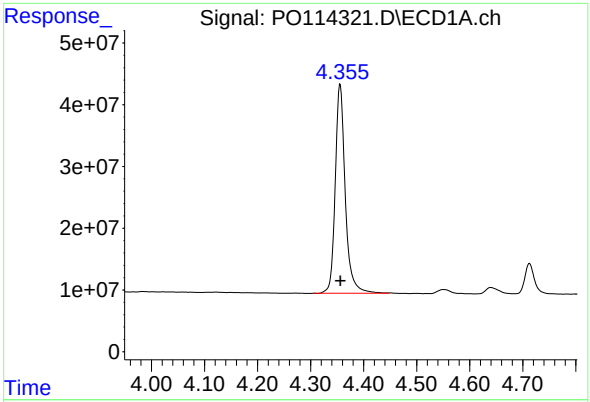
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

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



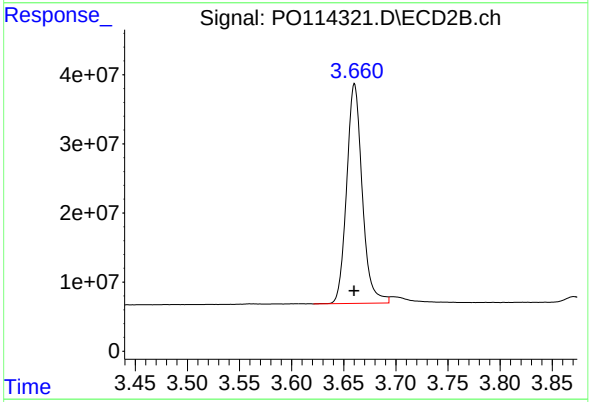




#1 Tetrachloro-m-xylene

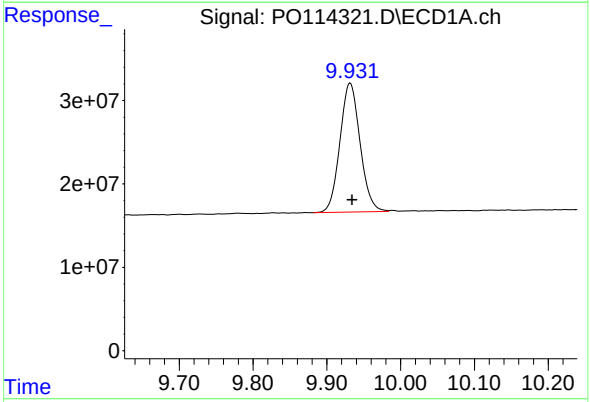
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 444666946
Conc: 75.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



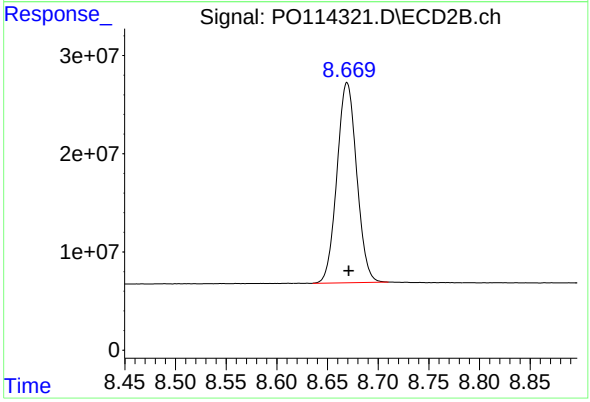
#1 Tetrachloro-m-xylene

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



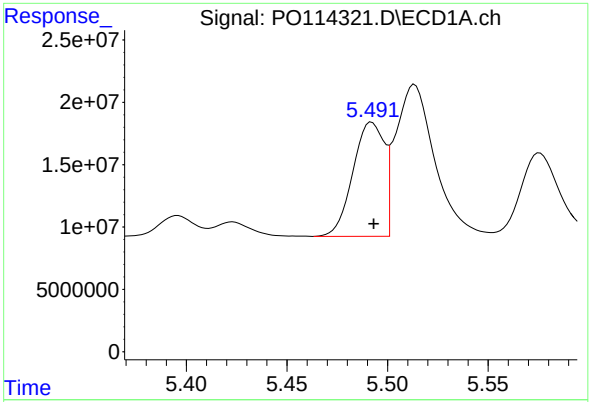
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

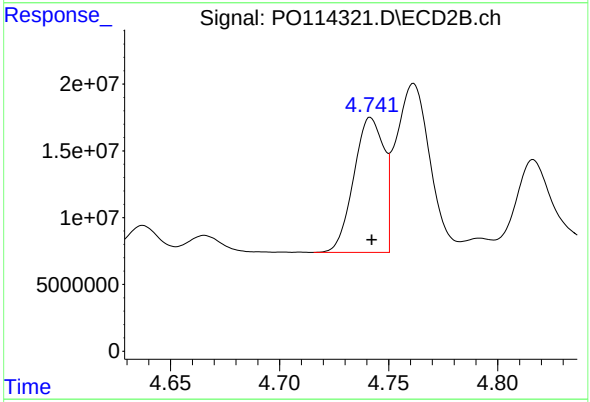
R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 276129261
Conc: 73.49 ng/ml



#16 AR-1242-1

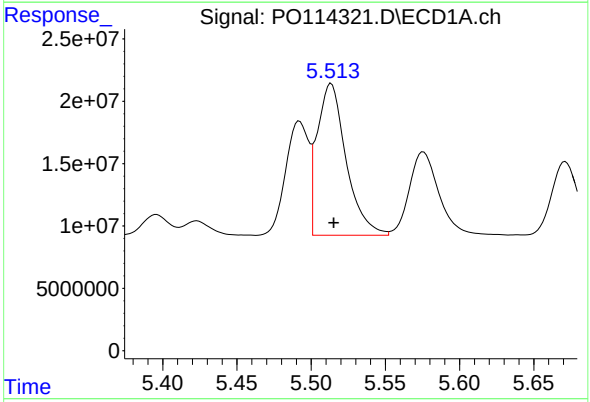
R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 99134451
Conc: 734.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



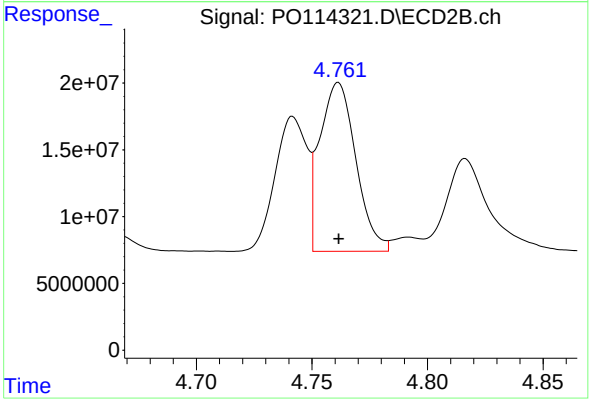
#16 AR-1242-1

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



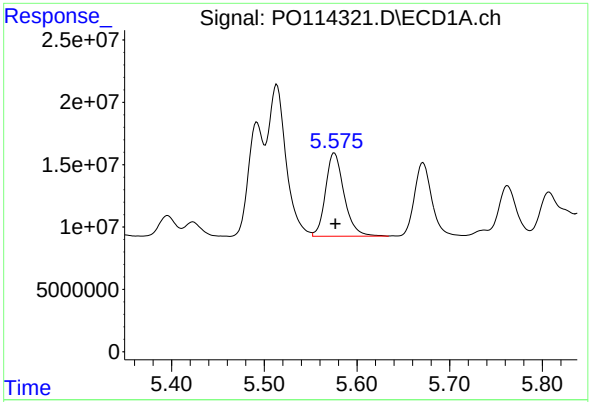
#17 AR-1242-2

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



#17 AR-1242-2

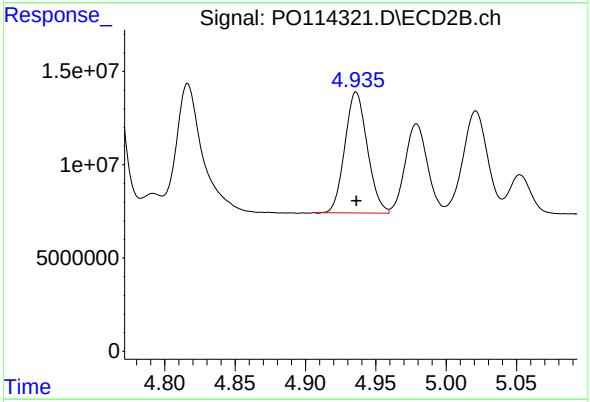
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 137443065
Conc: 735.96 ng/ml



#18 AR-1242-3

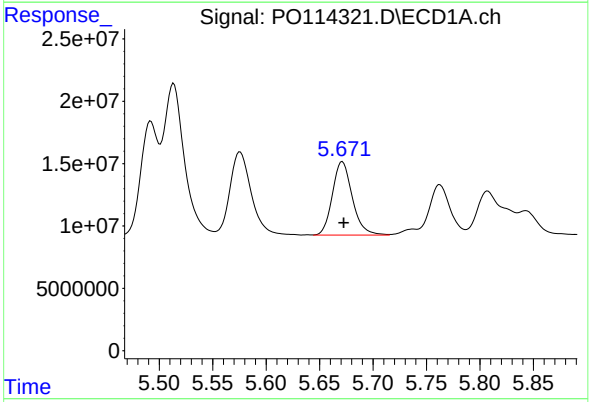
R.T.: 5.576 min
Delta R.T.: -0.001 min
Response: 93091498
Conc: 740.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



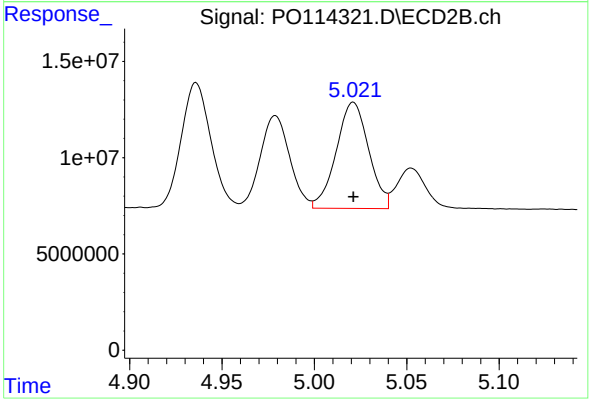
#18 AR-1242-3

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



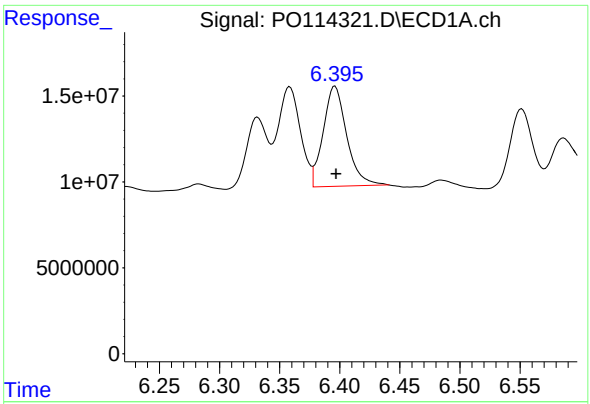
#19 AR-1242-4

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



#19 AR-1242-4

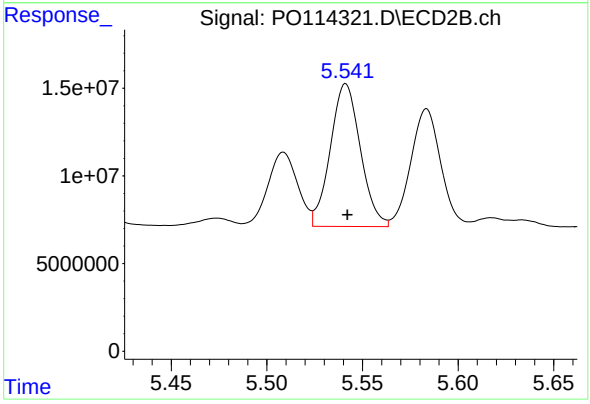
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 67429306
Conc: 730.55 ng/ml



#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)

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

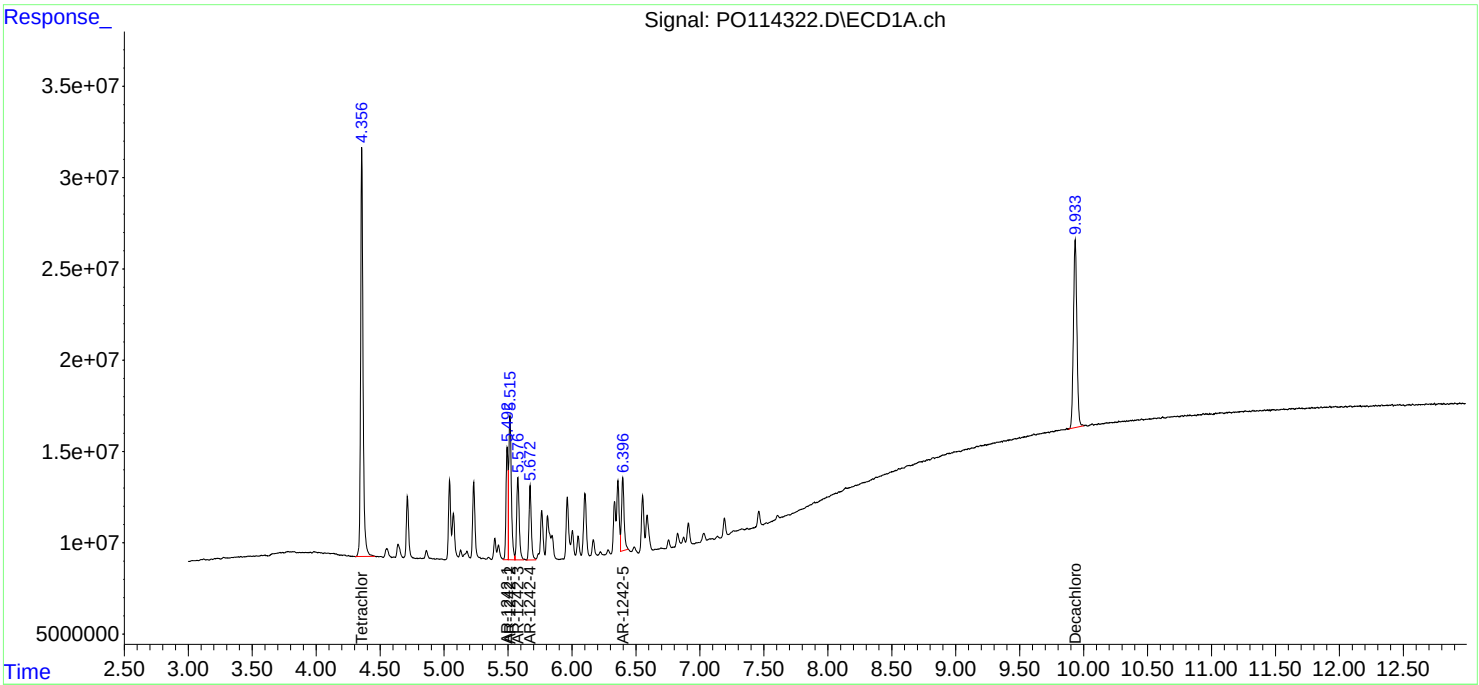
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

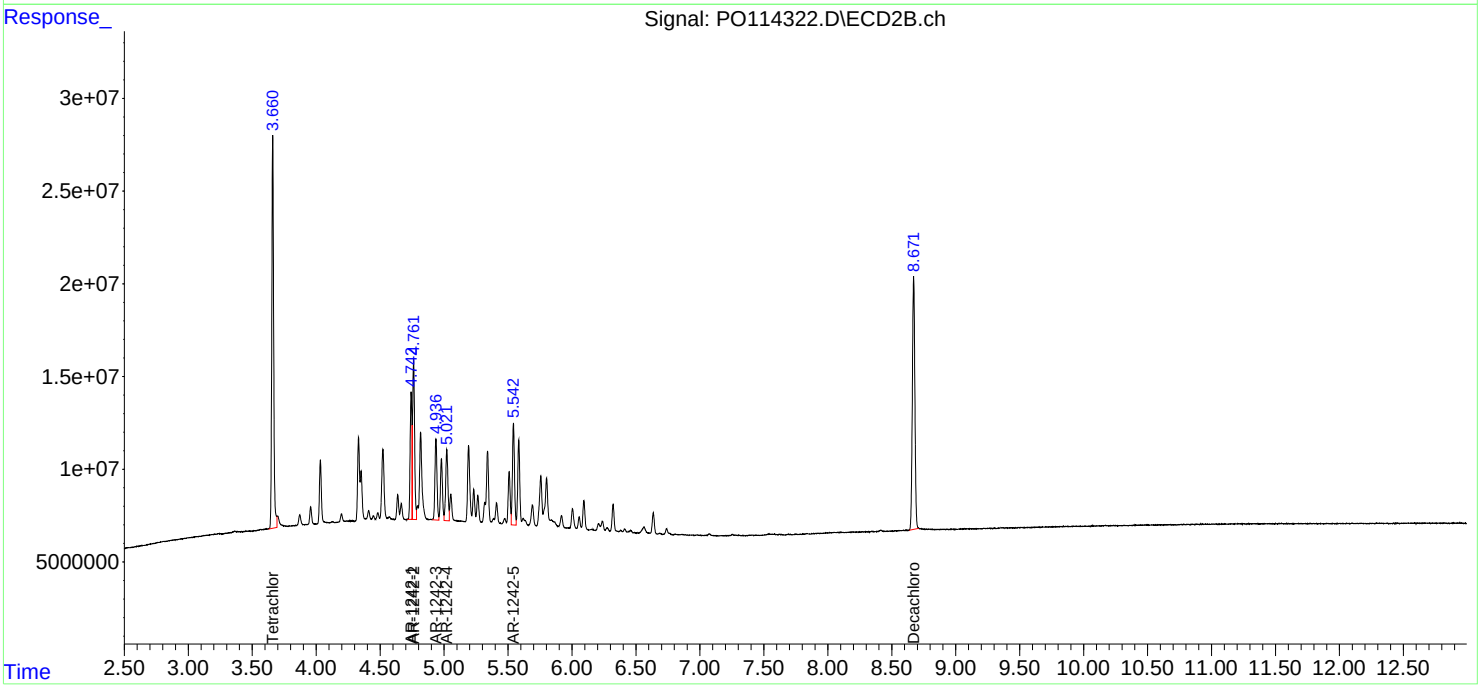
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:59
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

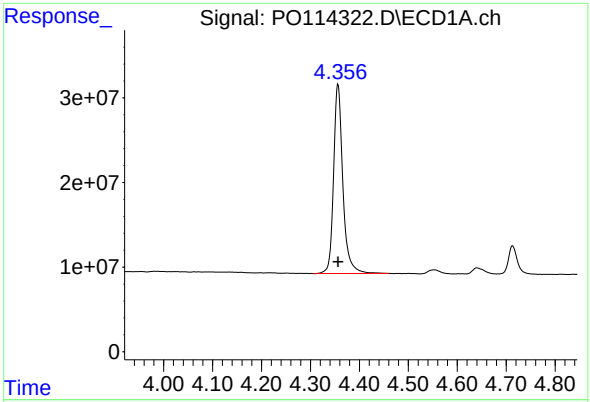
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

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



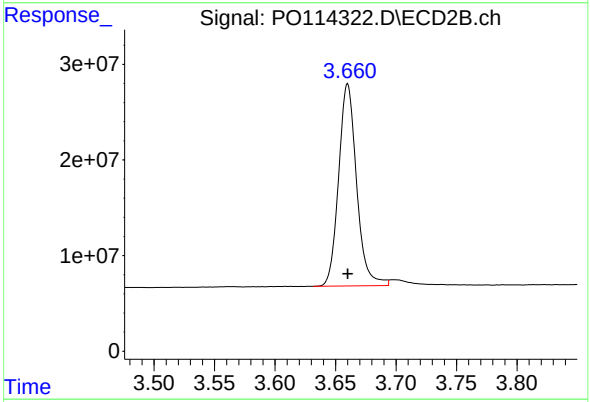




#1 Tetrachloro-m-xylene

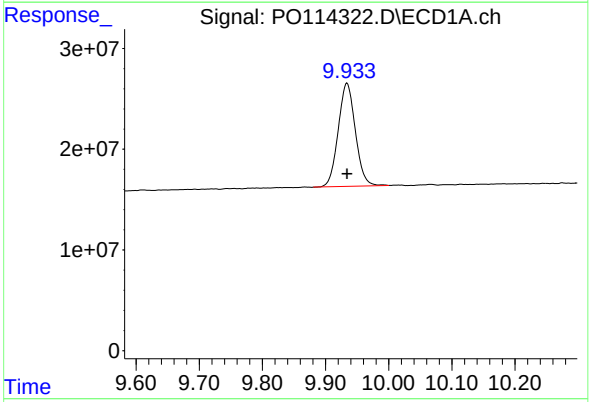
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 294699091
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



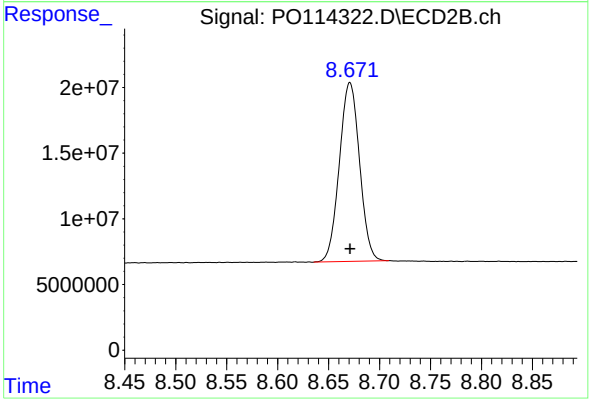
#1 Tetrachloro-m-xylene

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



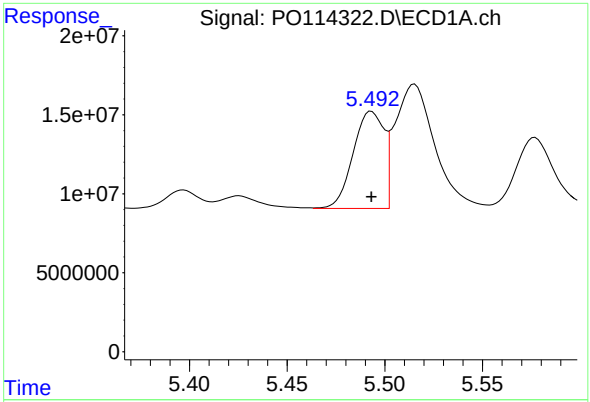
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

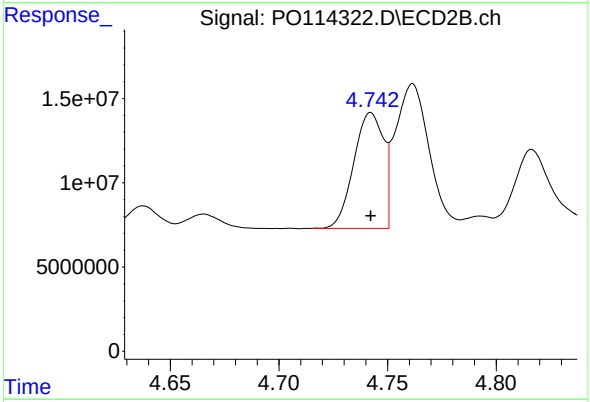
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 187877091
Conc: 50.00 ng/ml



#16 AR-1242-1

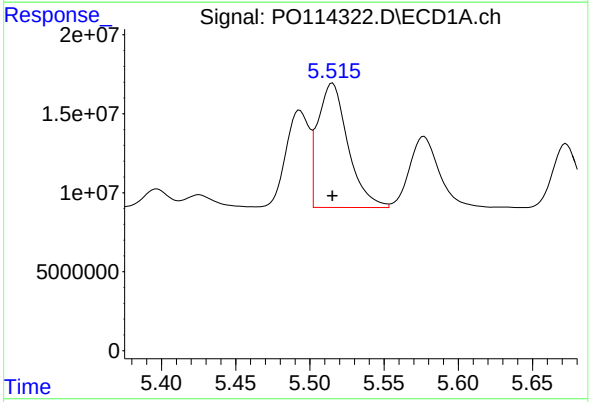
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 67510129
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



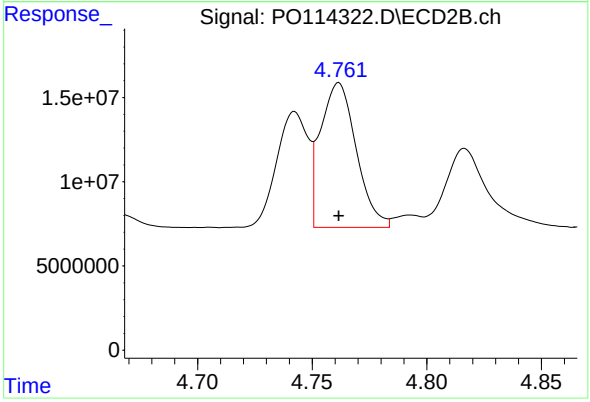
#16 AR-1242-1

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



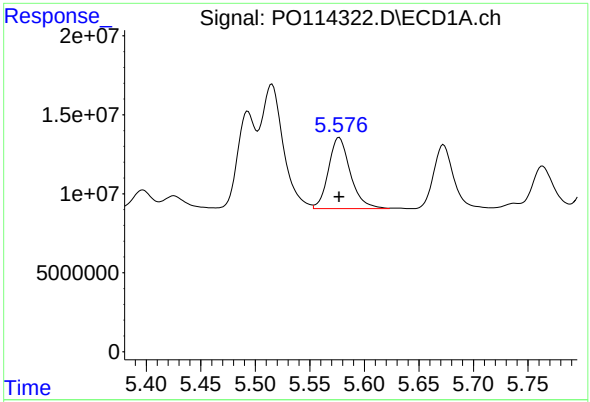
#17 AR-1242-2

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



#17 AR-1242-2

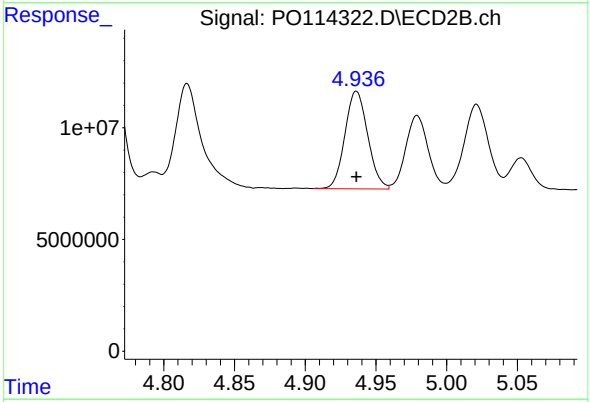
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 93376496
Conc: 500.00 ng/ml



#18 AR-1242-3

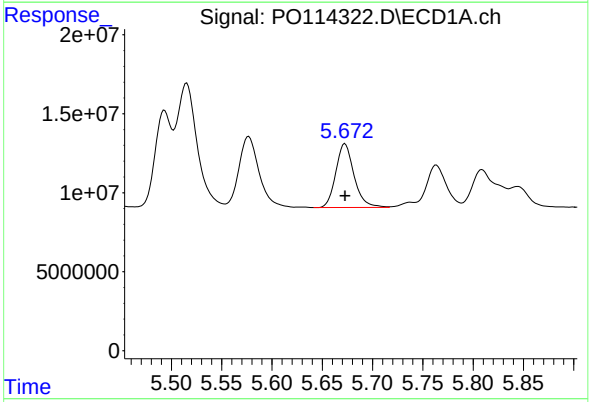
R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 62858607
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



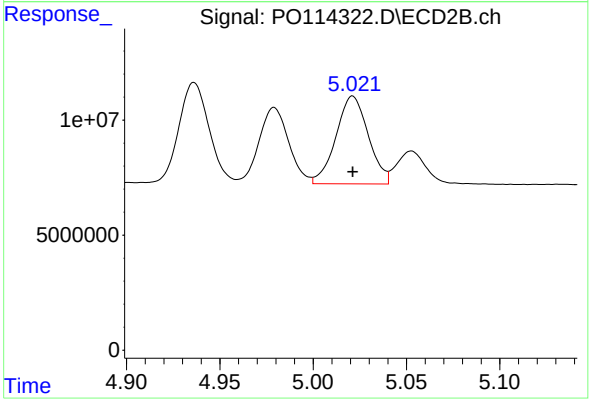
#18 AR-1242-3

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



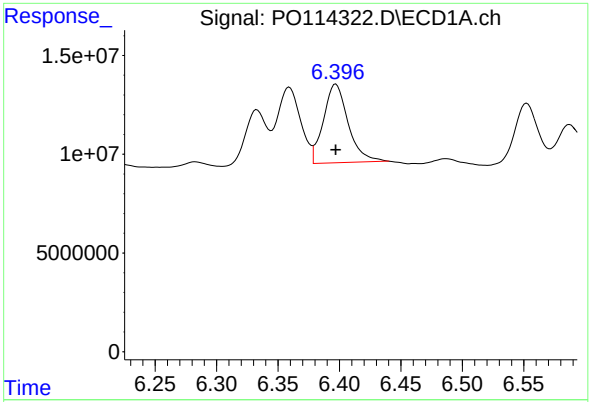
#19 AR-1242-4

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



#19 AR-1242-4

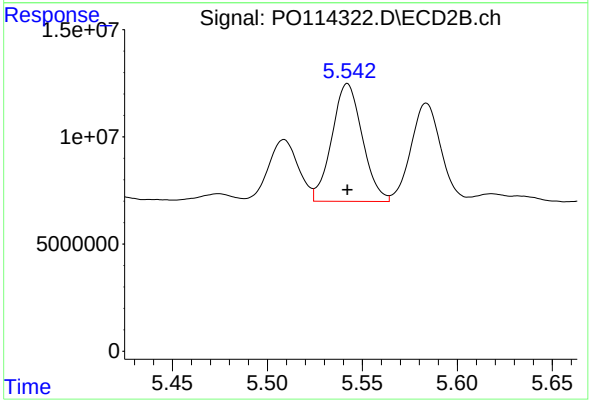
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 46149944
Conc: 500.00 ng/ml



#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)

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

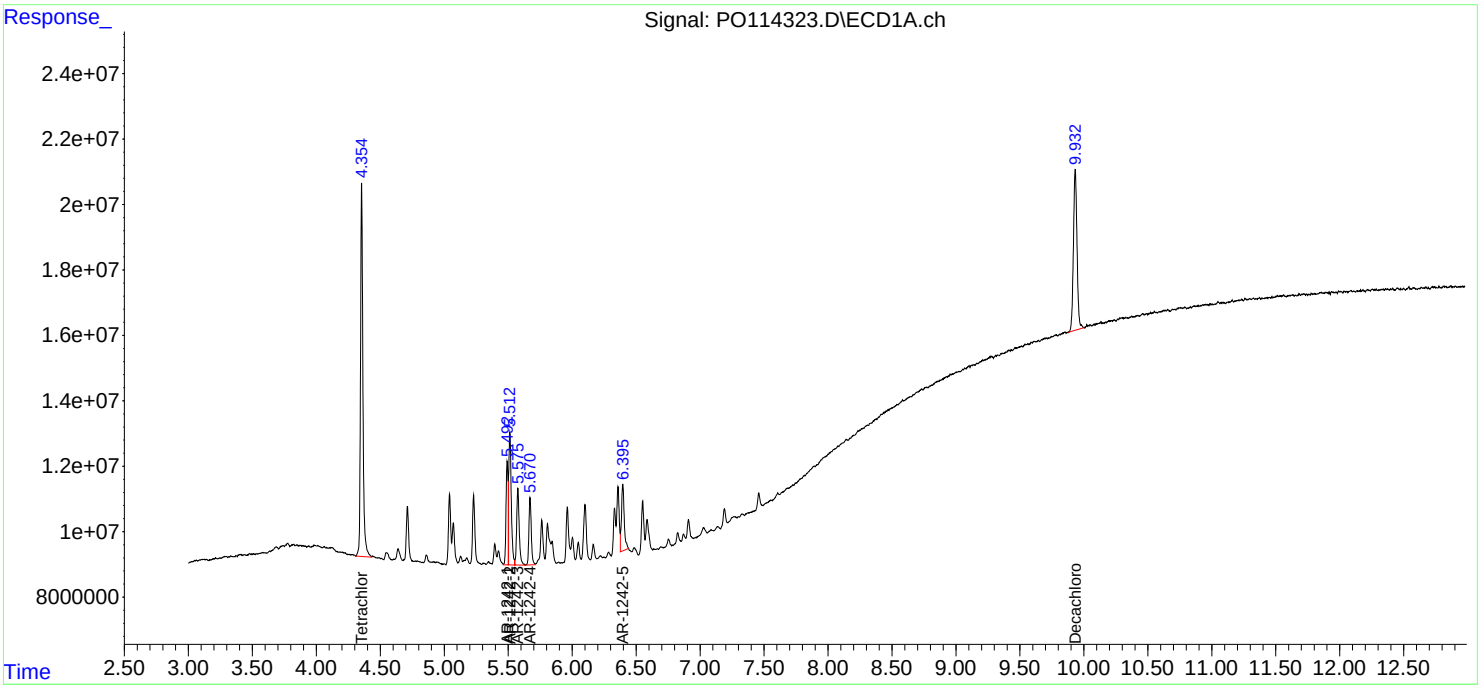
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

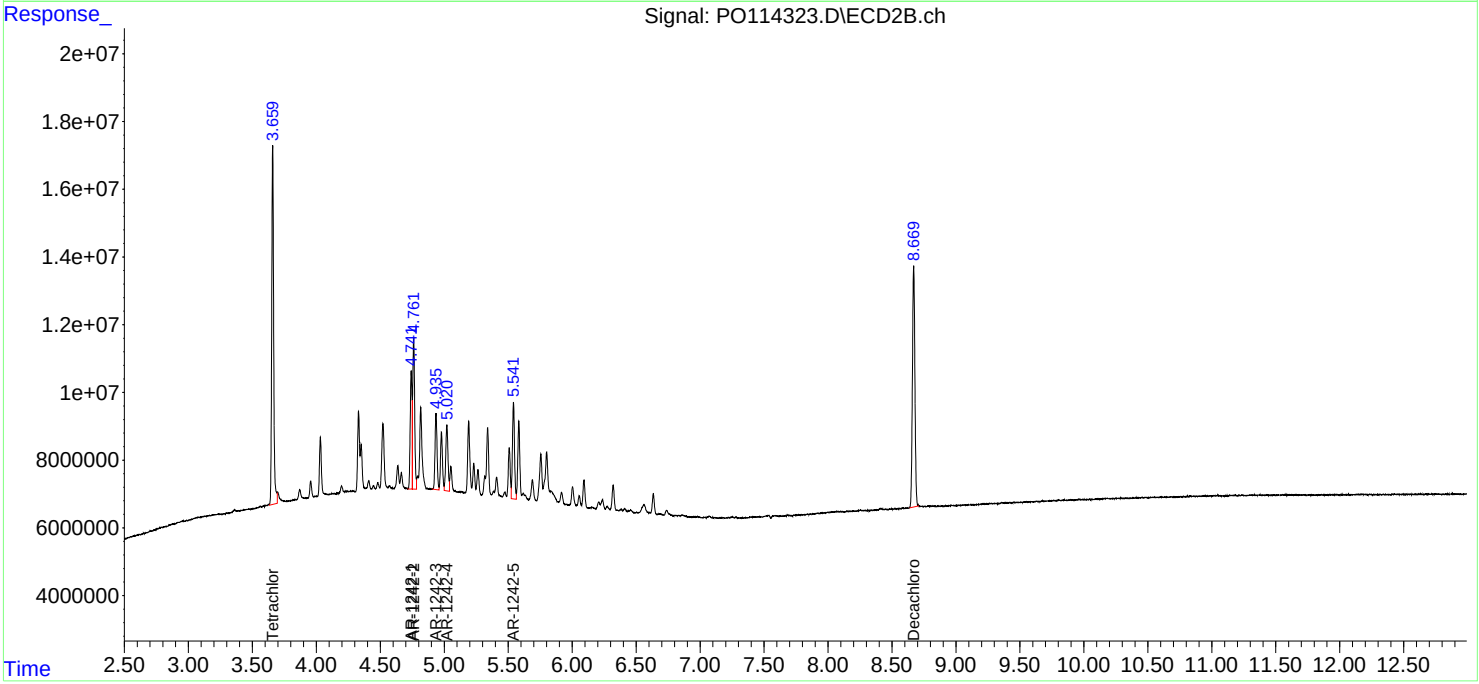
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:17
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

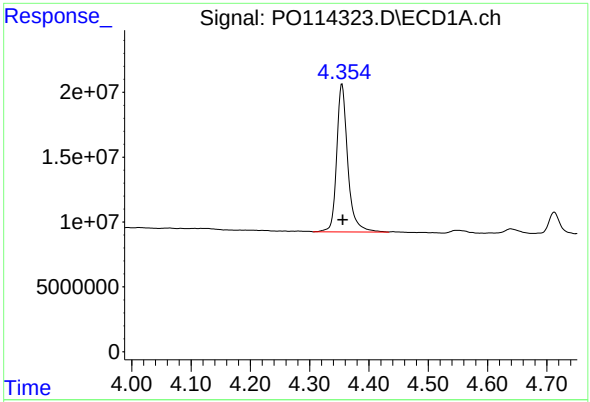
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

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



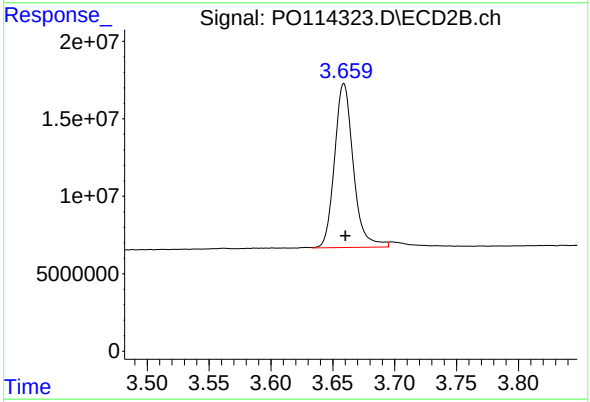




#1 Tetrachloro-m-xylene

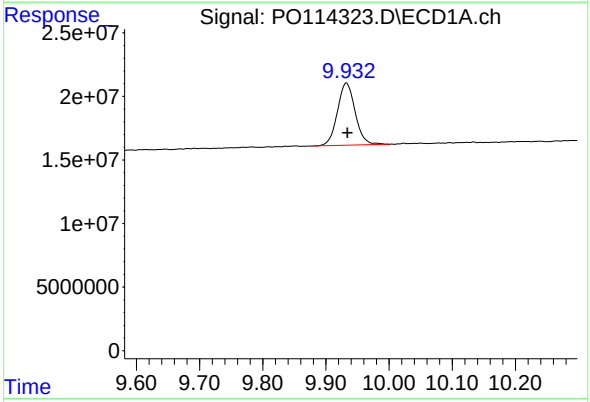
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 147899851
Conc: 25.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



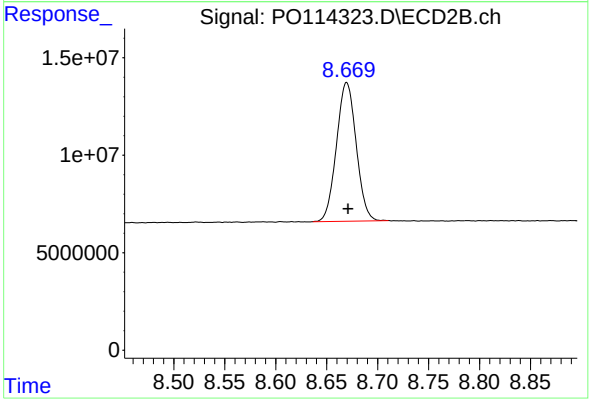
#1 Tetrachloro-m-xylene

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



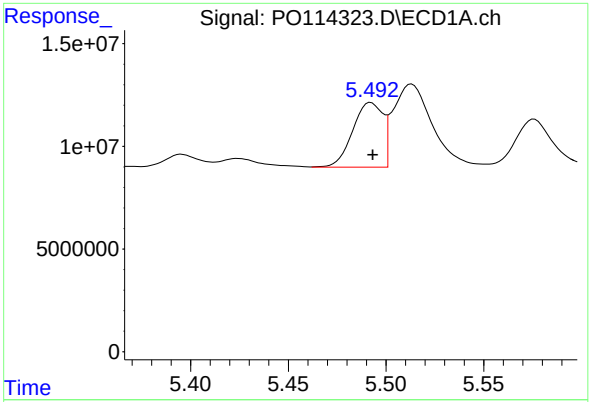
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

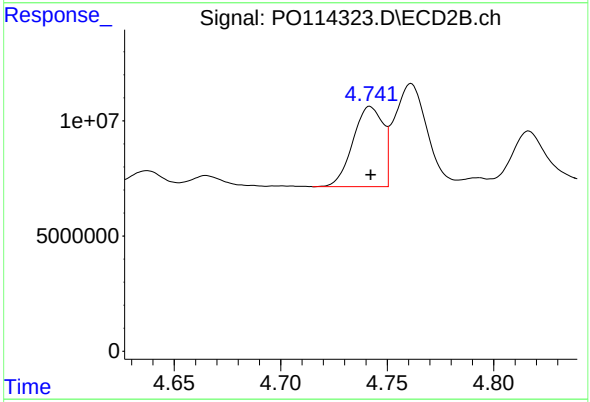
R.T.: 8.670 min
Delta R.T.: -0.001 min
Response: 95892045
Conc: 25.52 ng/ml



#16 AR-1242-1

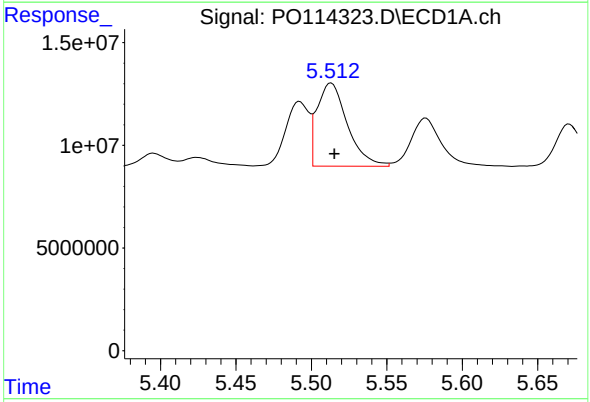
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 33811575
Conc: 250.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



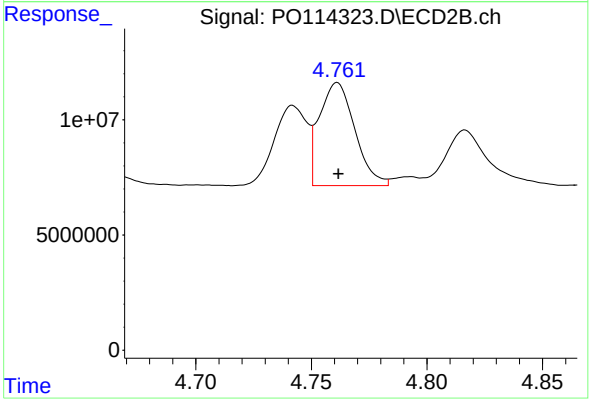
#16 AR-1242-1

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



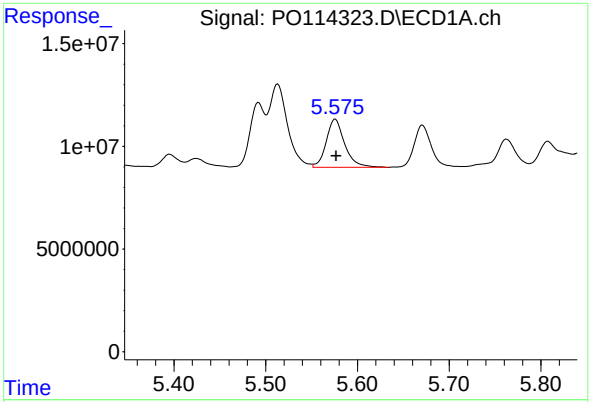
#17 AR-1242-2

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



#17 AR-1242-2

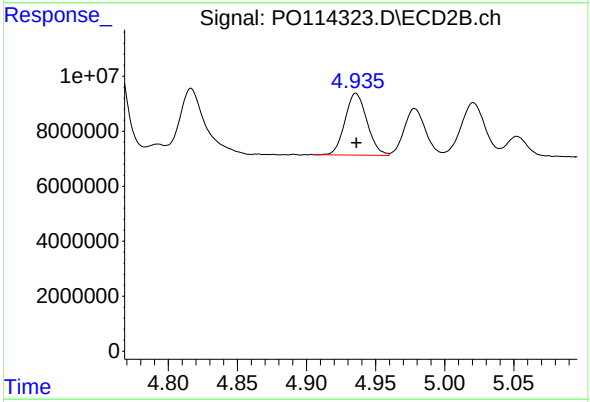
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 47914263
Conc: 256.56 ng/ml



#18 AR-1242-3

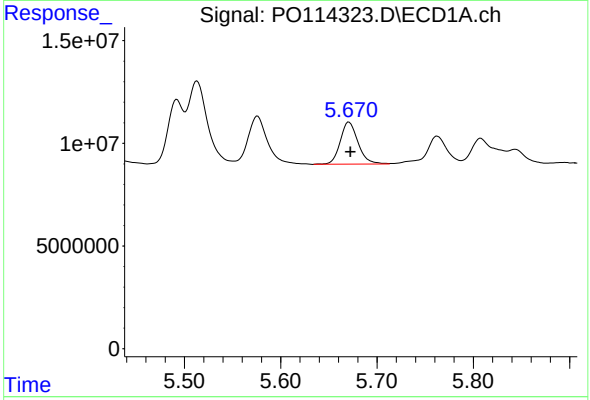
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 32886335
Conc: 261.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



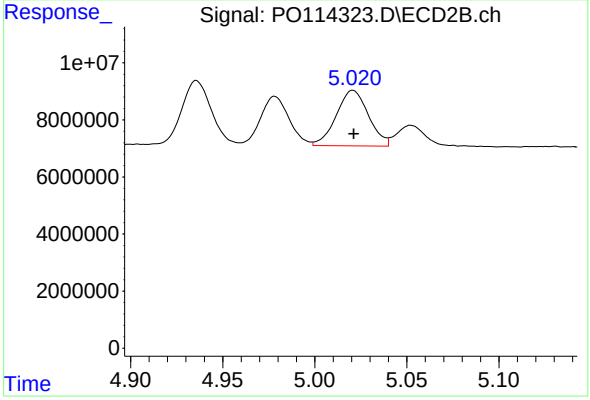
#18 AR-1242-3

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



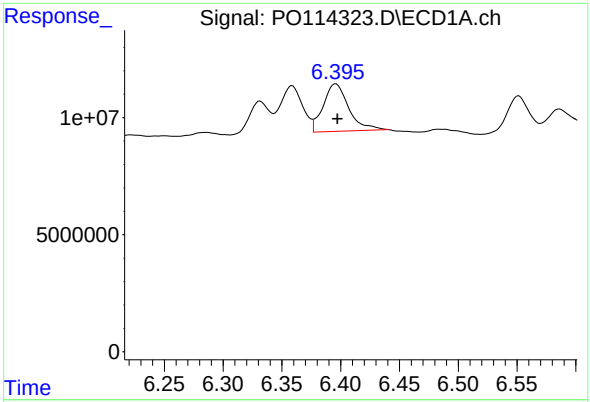
#19 AR-1242-4

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



#19 AR-1242-4

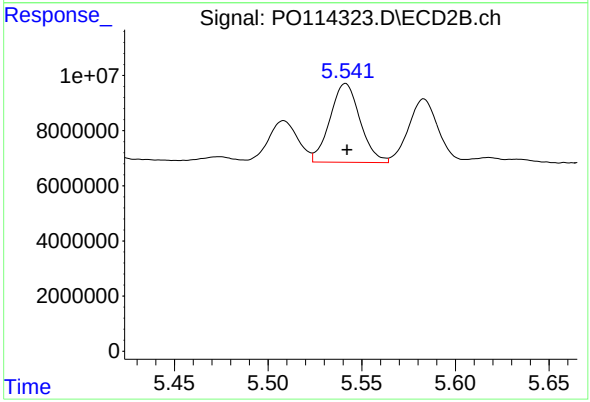
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 23713234
Conc: 256.92 ng/ml



#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

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.

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

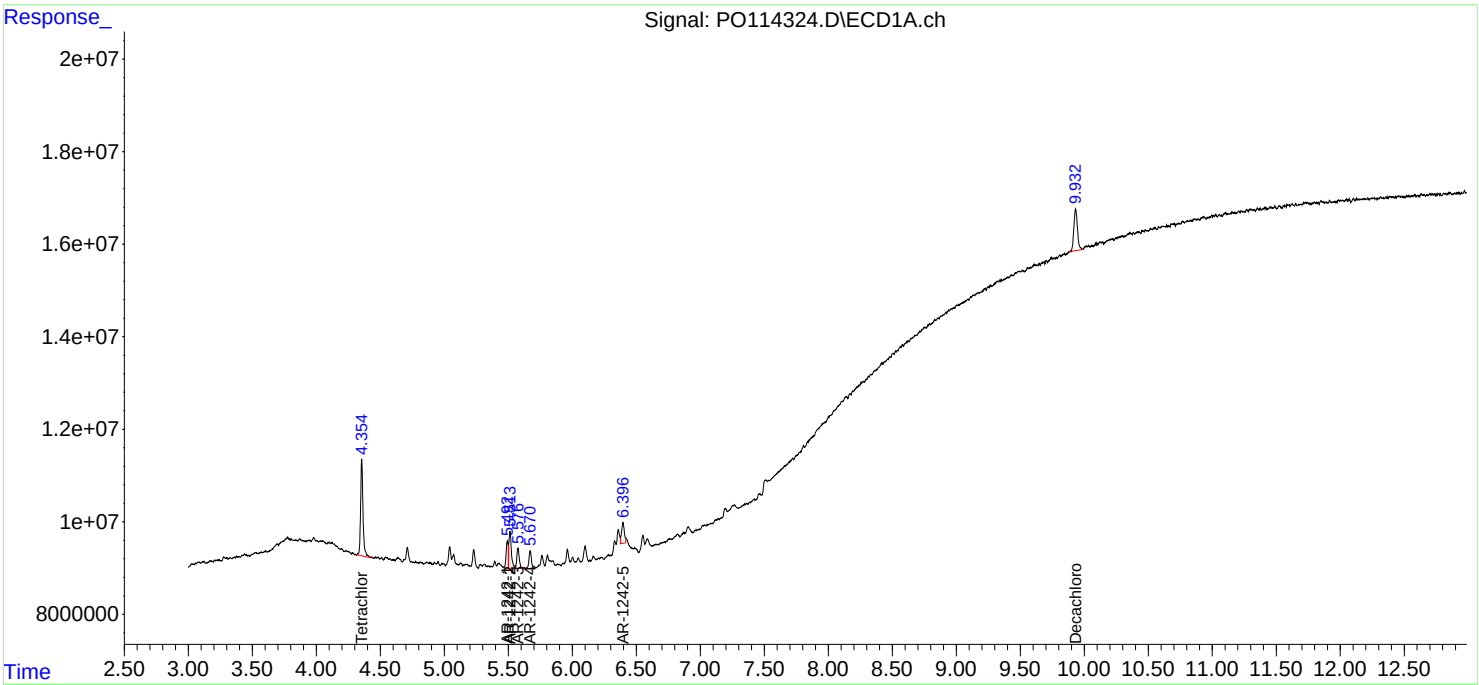
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

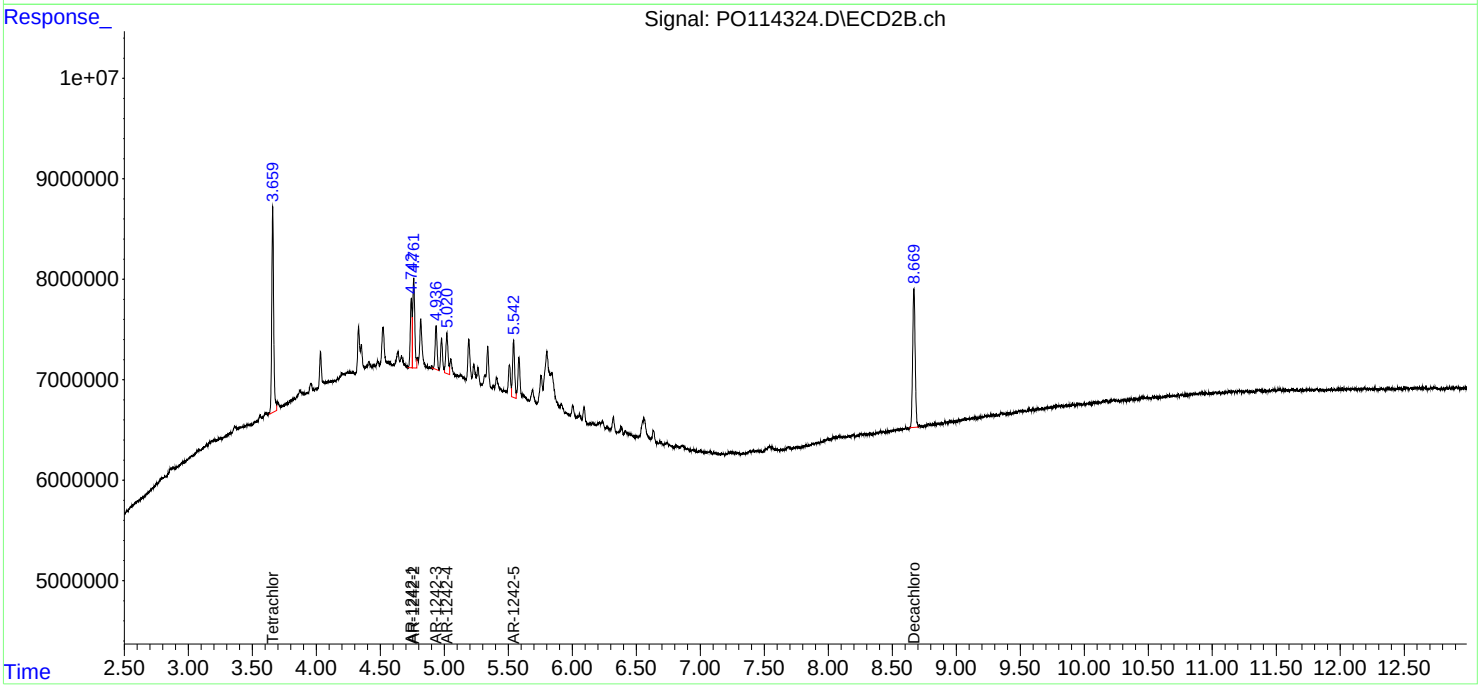
Manual Integrations APPROVED

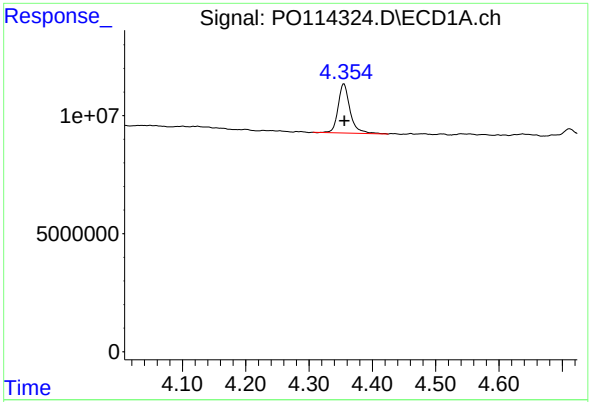
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

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







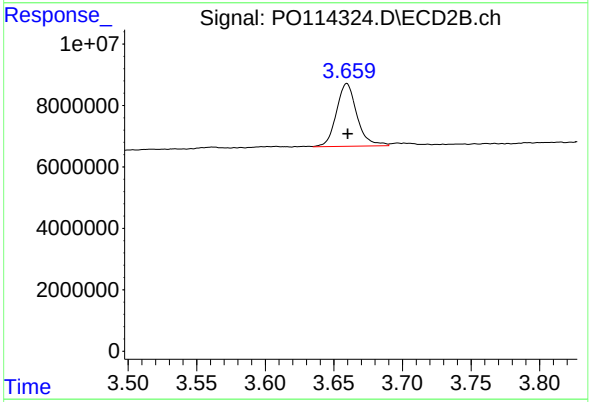
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

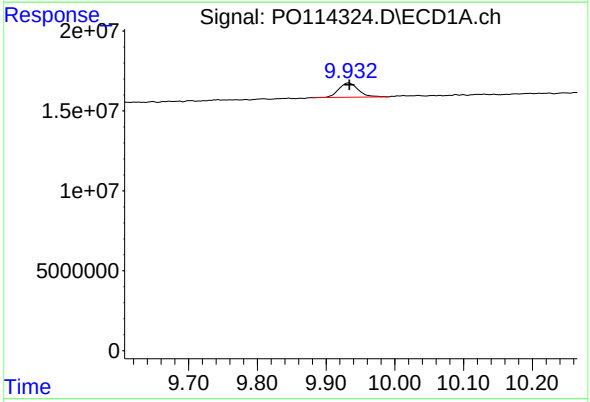
Manual Integrations APPROVED

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



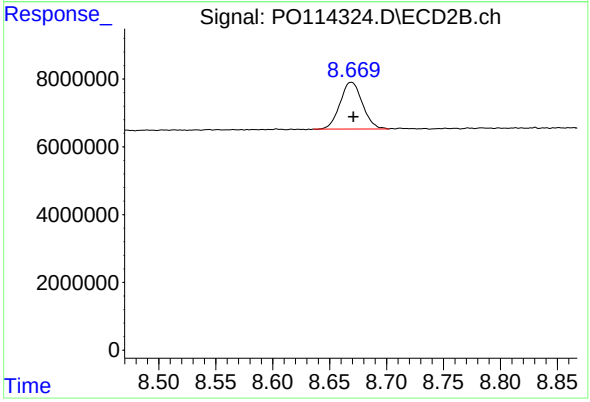
#1 Tetrachloro-m-xylene

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



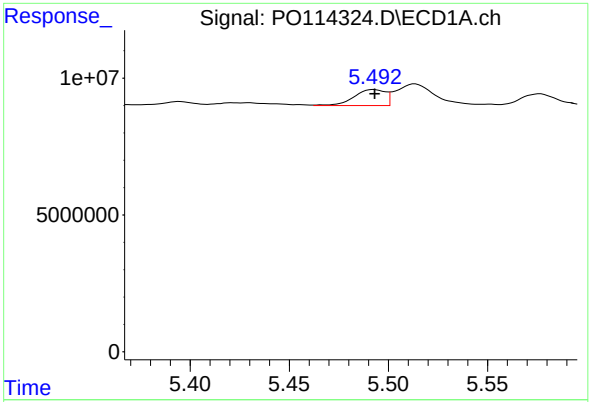
#2 Decachlorobiphenyl

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



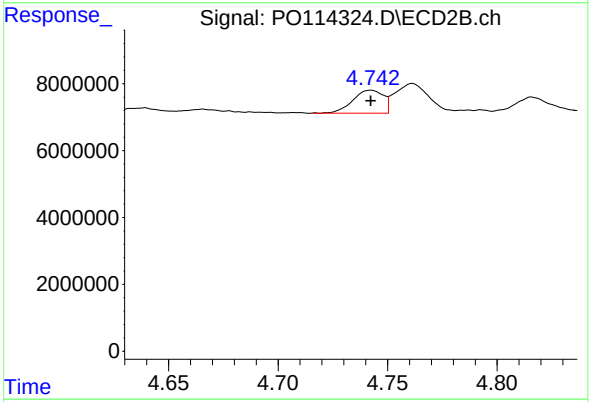
#16 AR-1242-1

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

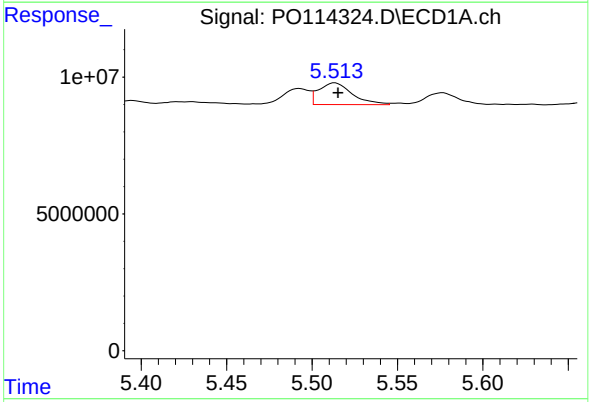
Manual Integrations APPROVED

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



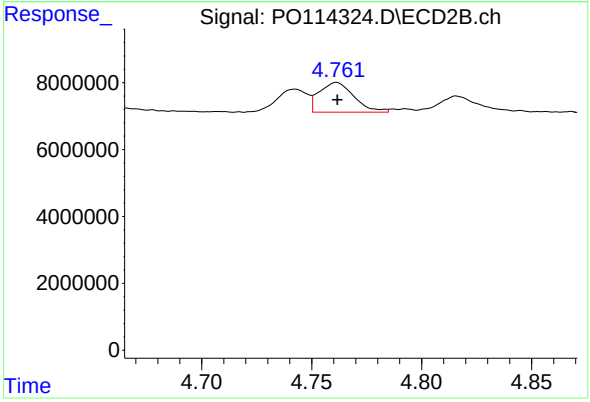
#16 AR-1242-1

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



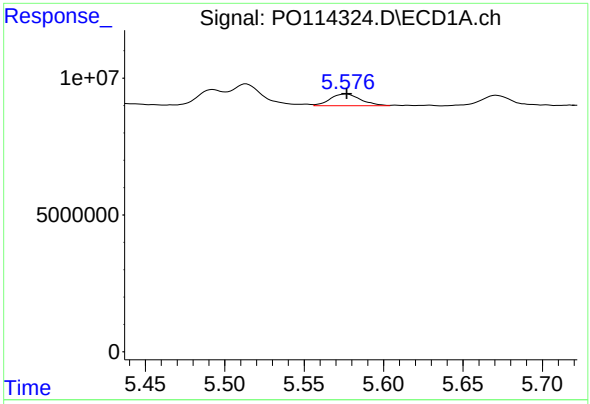
#17 AR-1242-2

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



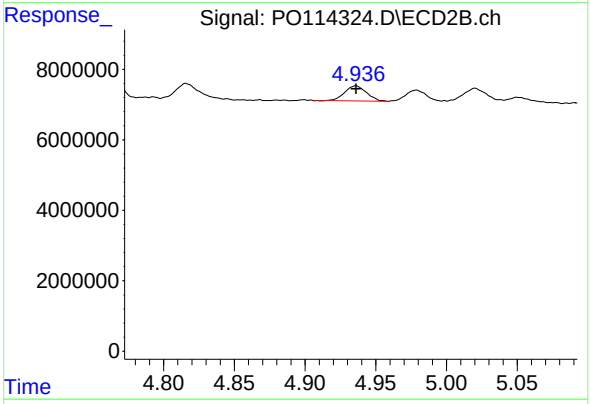
#18 AR-1242-3

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

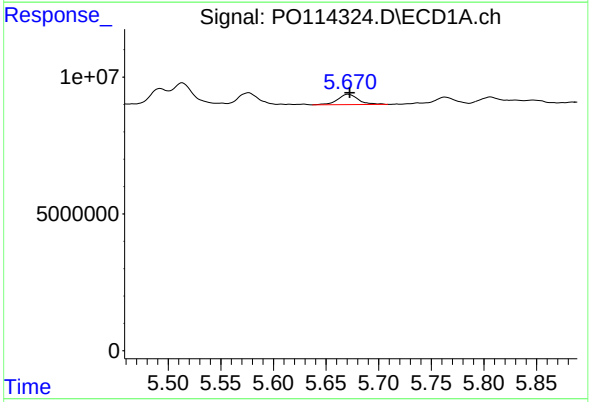
Manual Integrations APPROVED

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



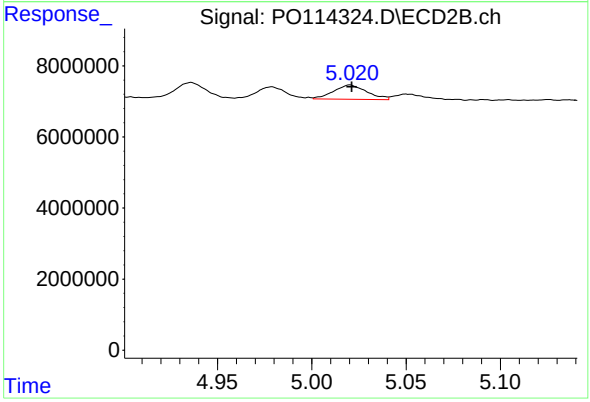
#18 AR-1242-3

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



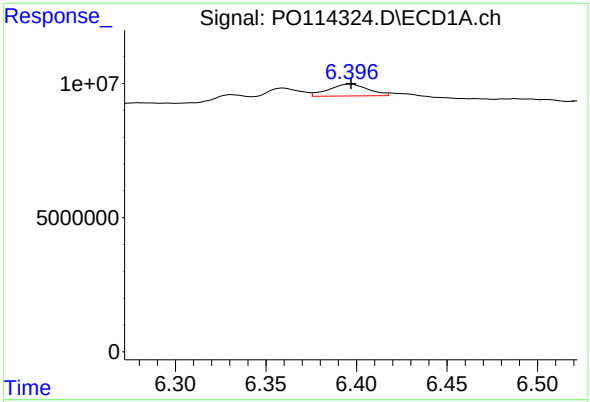
#19 AR-1242-4

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



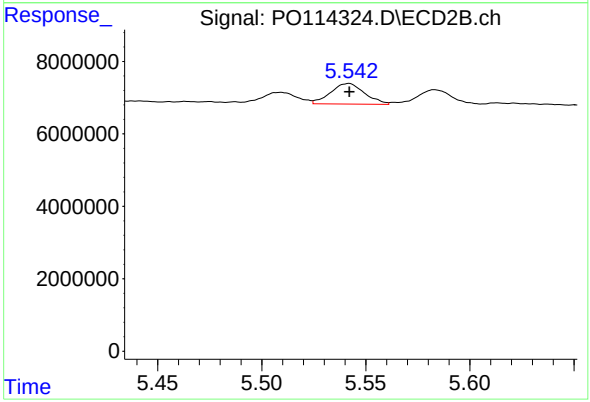
#20 AR-1242-5

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)

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

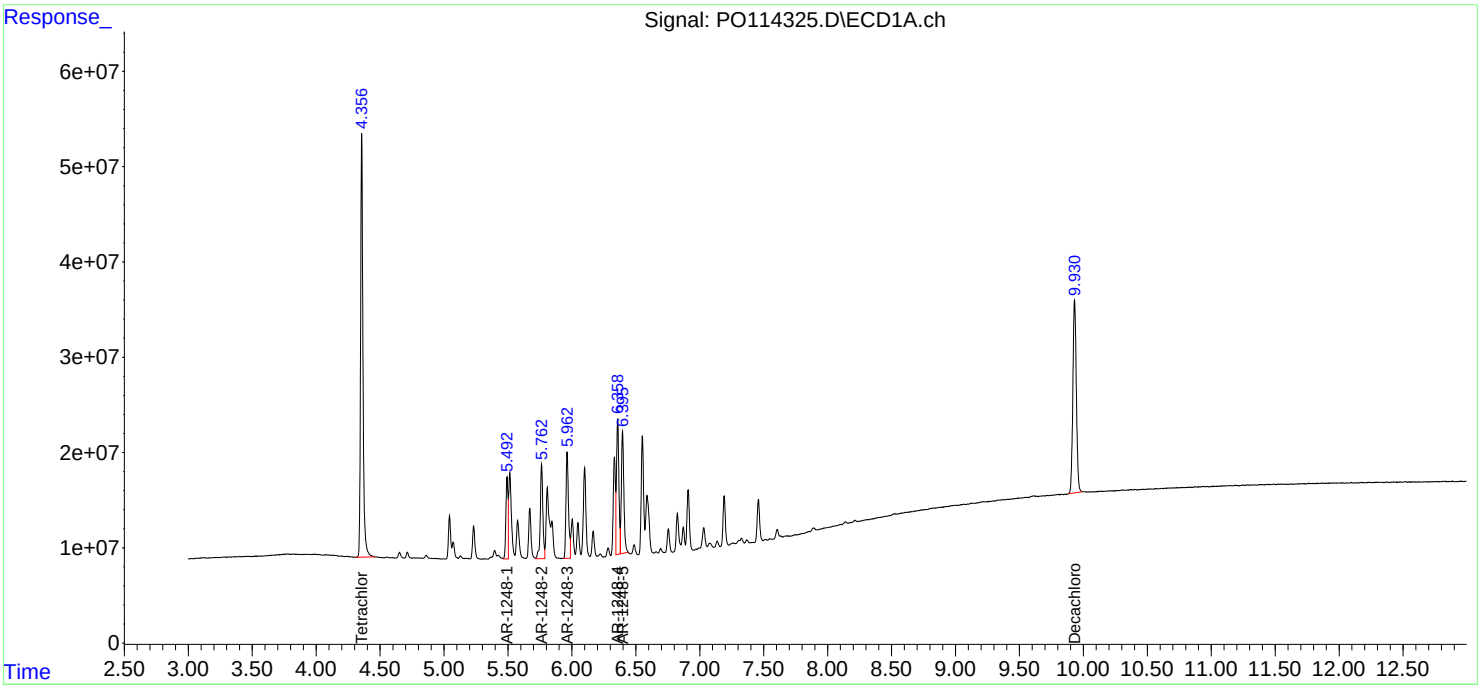
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

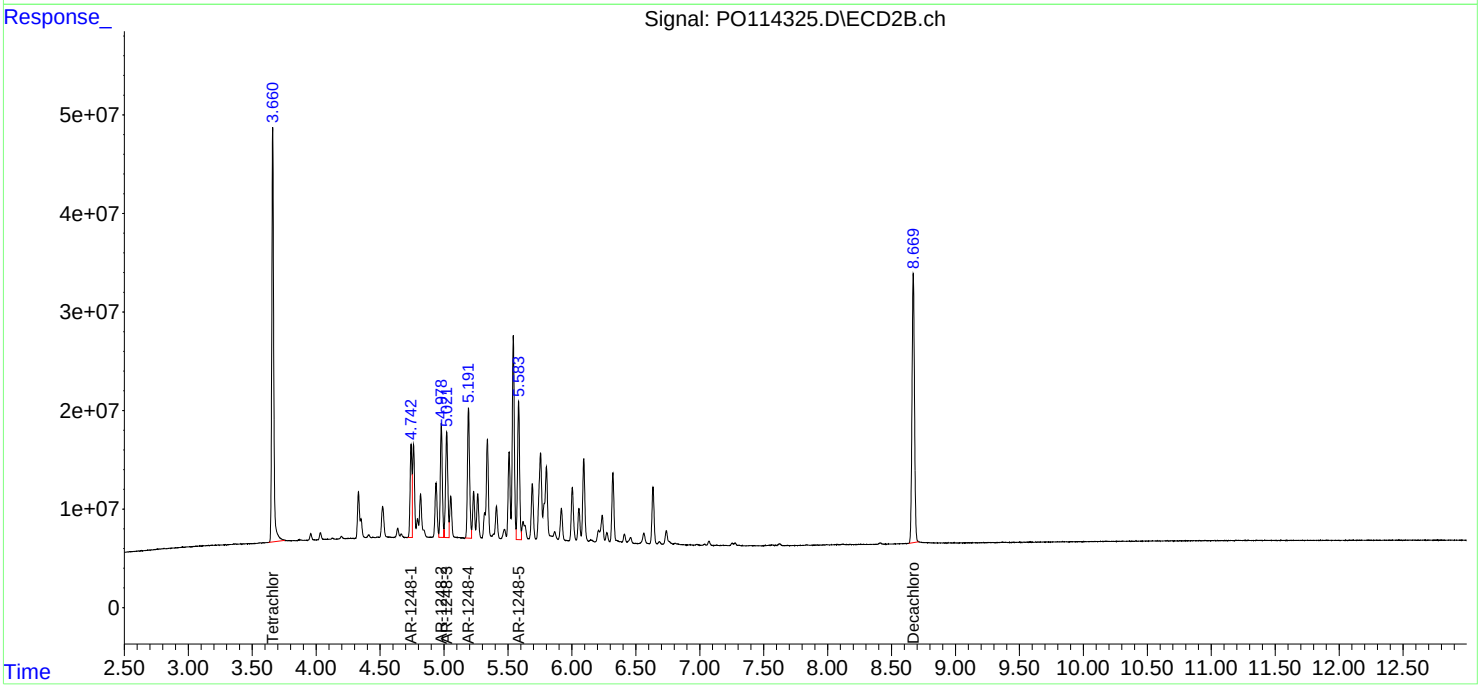
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:54
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

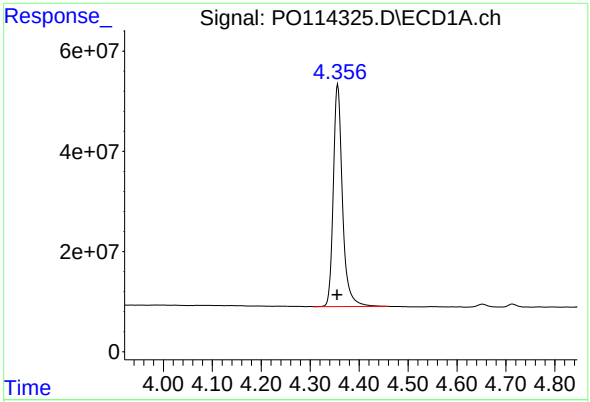
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

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



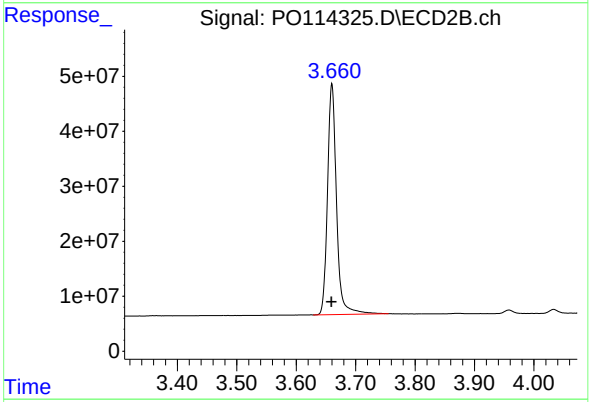




#1 Tetrachloro-m-xylene

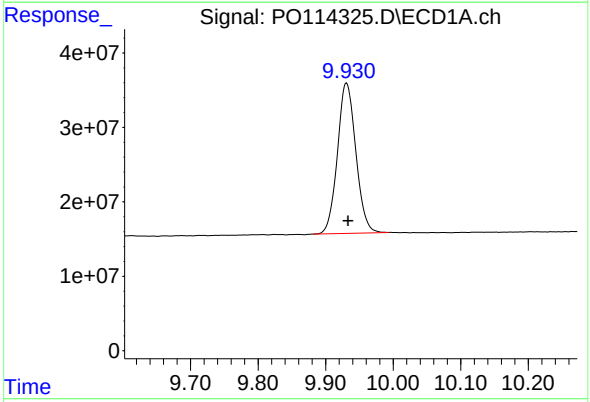
R.T.: 4.356 min
Delta R.T.: 0.001 min
Response: 577937927
Conc: 94.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



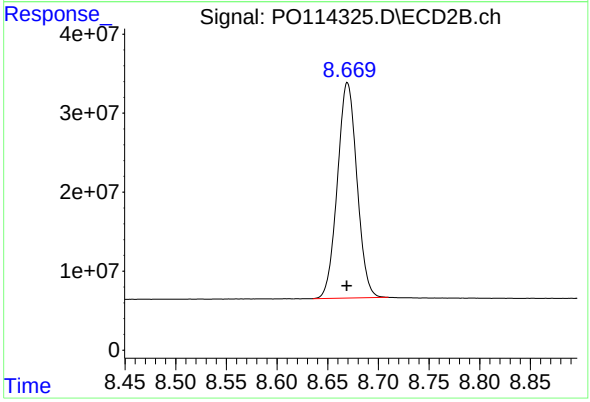
#1 Tetrachloro-m-xylene

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



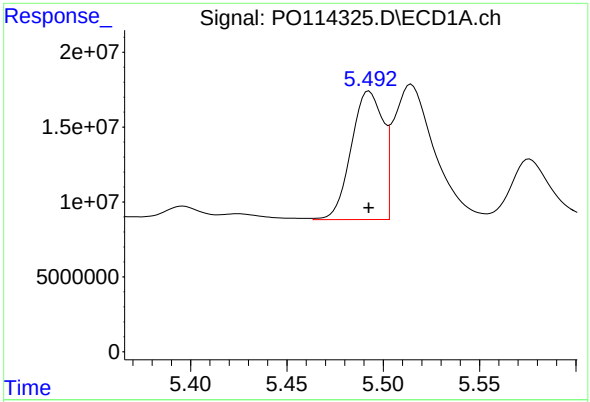
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

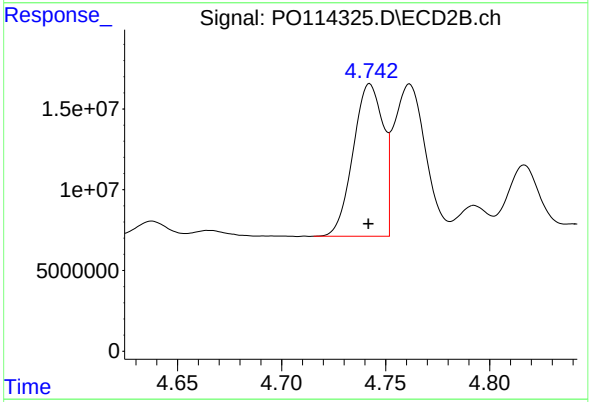
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 366120149
Conc: 92.65 ng/ml



#21 AR-1248-1

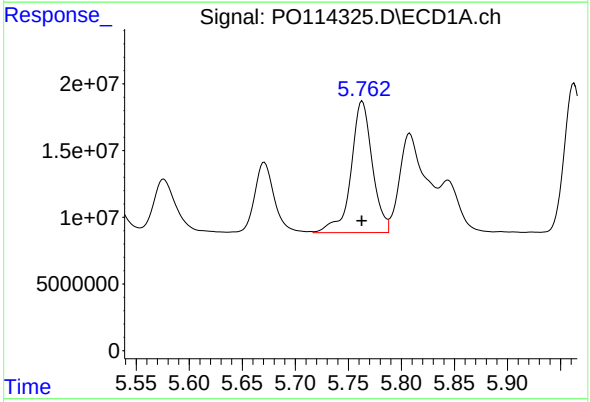
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 98567829
Conc: 928.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



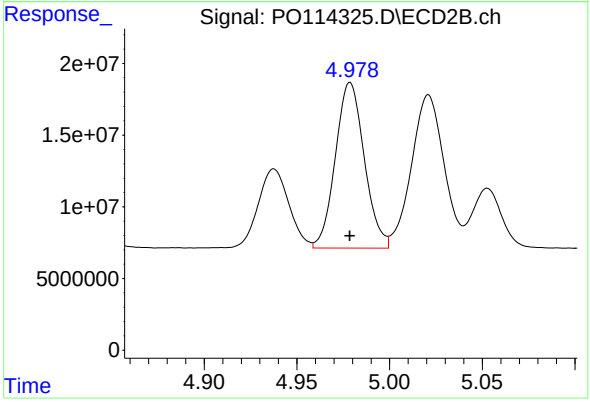
#21 AR-1248-1

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



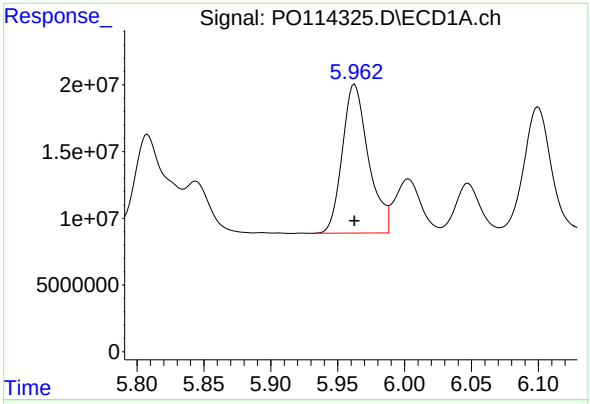
#22 AR-1248-2

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



#22 AR-1248-2

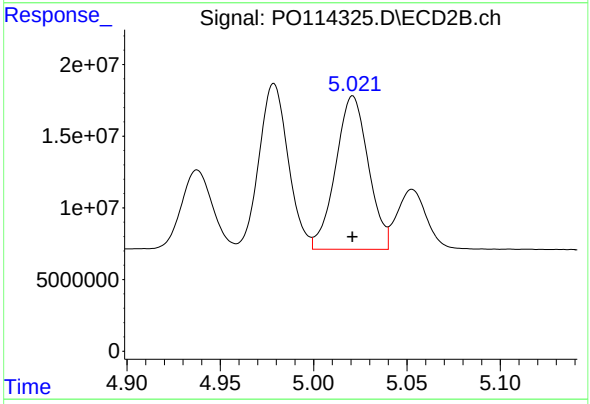
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 125502158
Conc: 911.66 ng/ml



#23 AR-1248-3

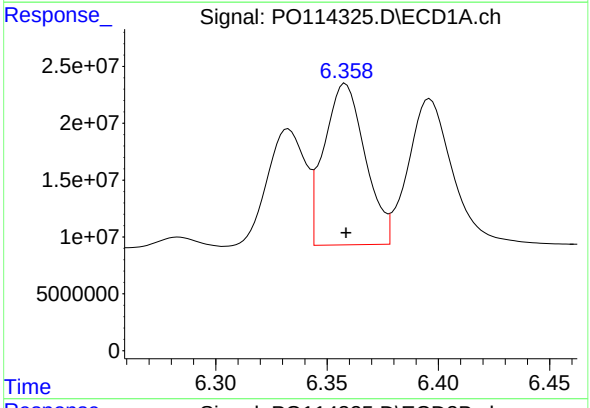
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 151681692
Conc: 928.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



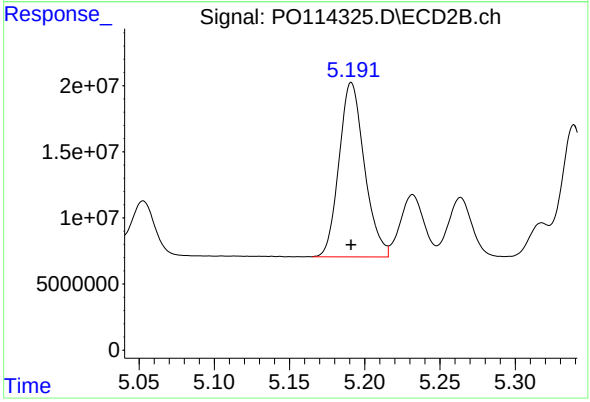
#23 AR-1248-3

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



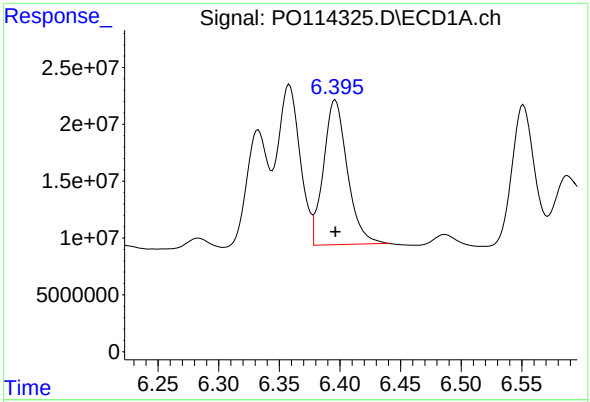
#24 AR-1248-4

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



#24 AR-1248-4

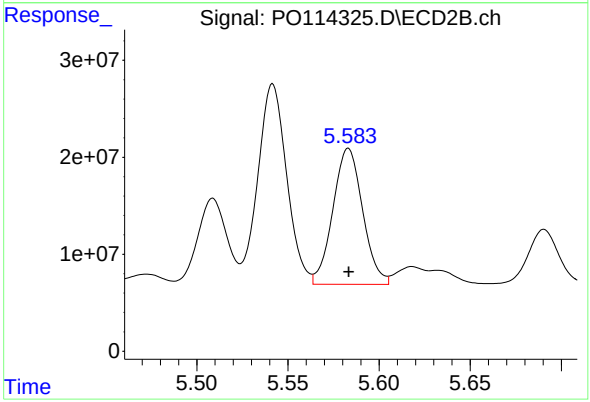
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 154697640
Conc: 915.28 ng/ml



#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)

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

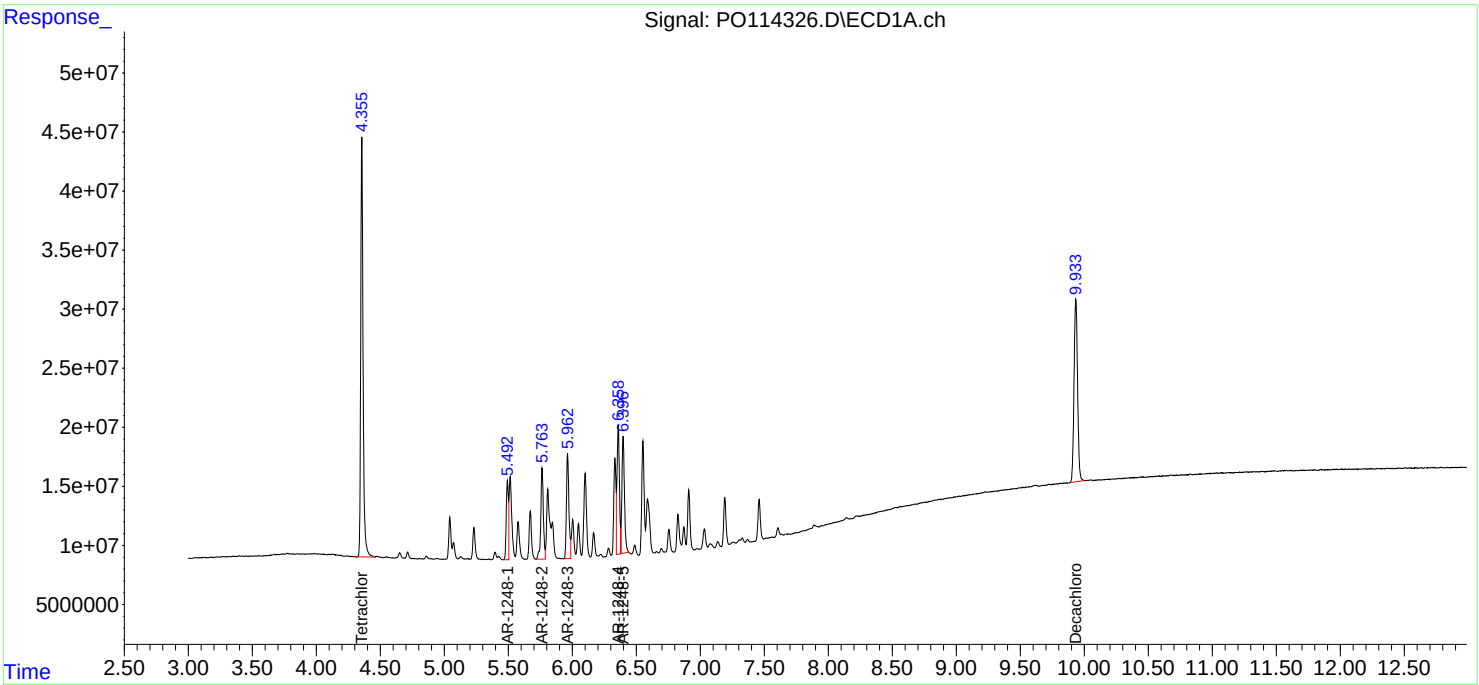
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

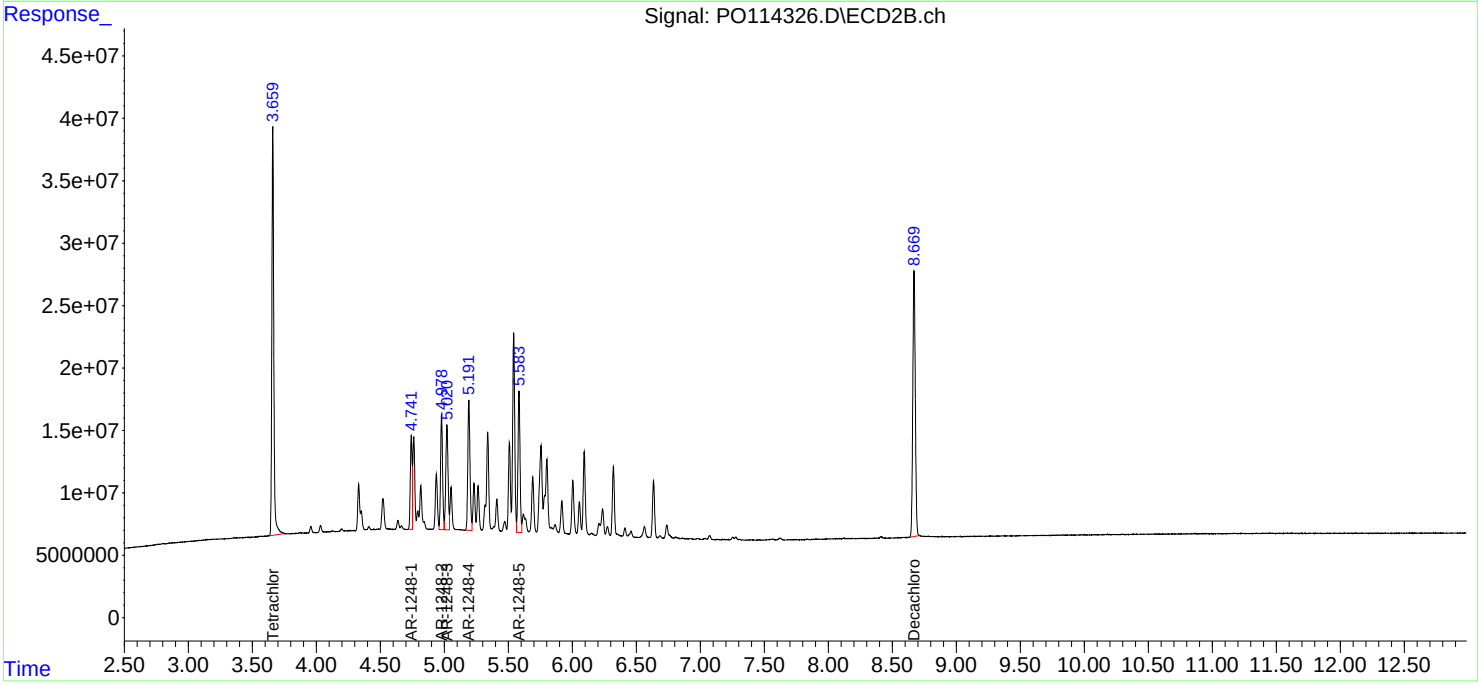
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:12
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

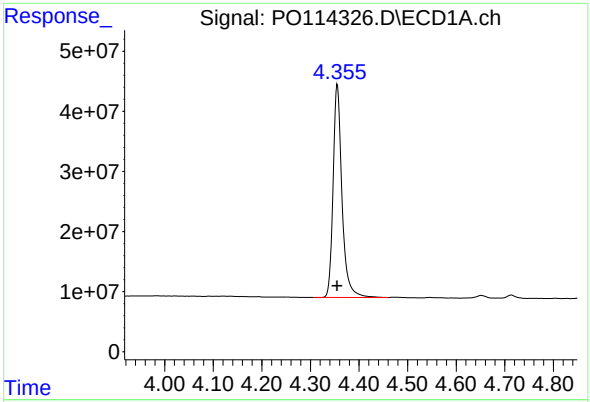
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

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



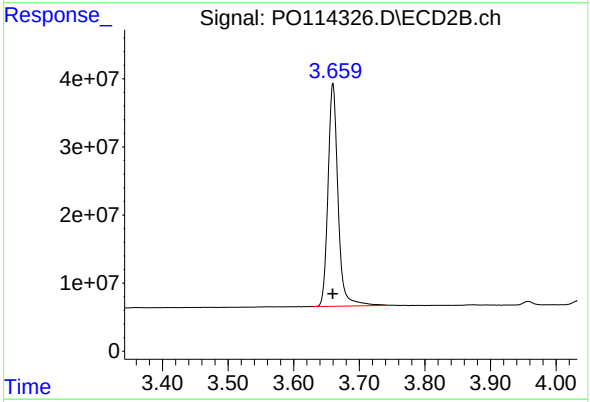




#1 Tetrachloro-m-xylene

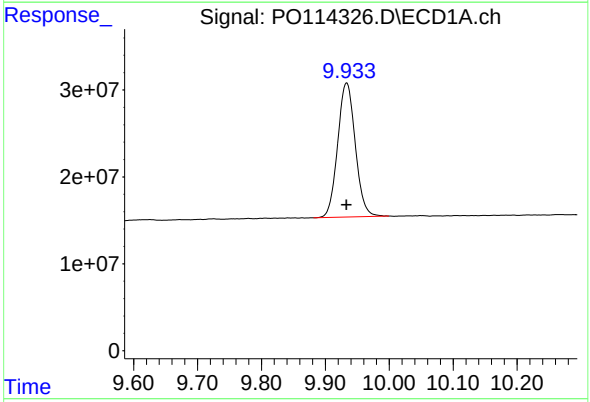
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 453359332
Conc: 74.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



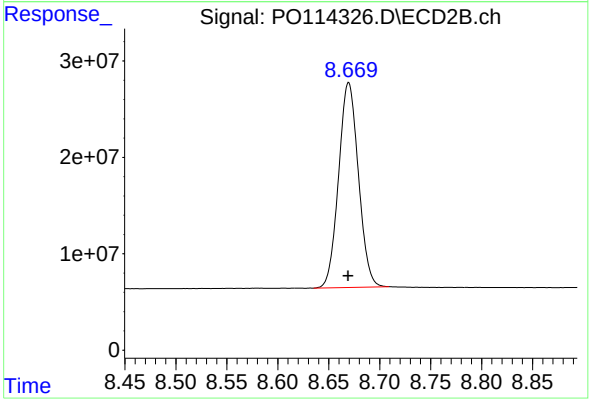
#1 Tetrachloro-m-xylene

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



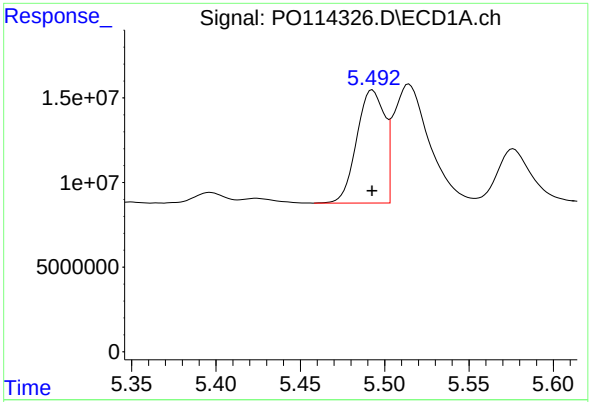
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

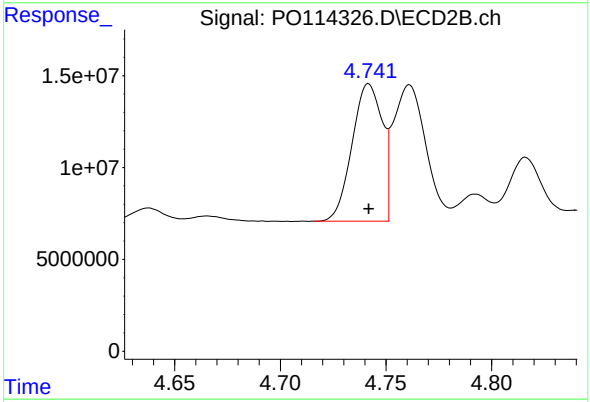
R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 287495892
Conc: 72.75 ng/ml



#21 AR-1248-1

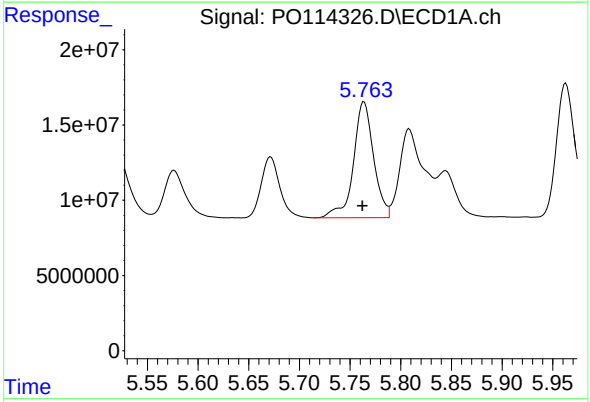
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 76602229
Conc: 721.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



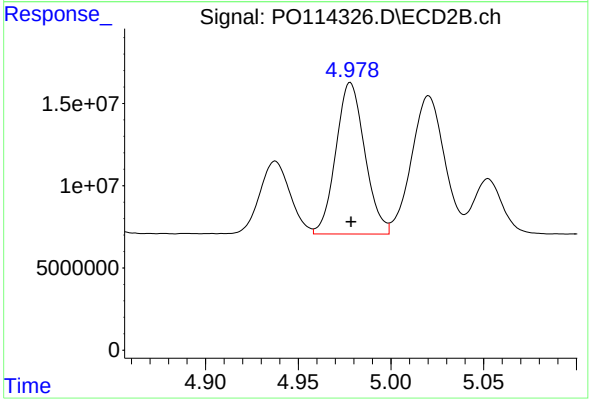
#21 AR-1248-1

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



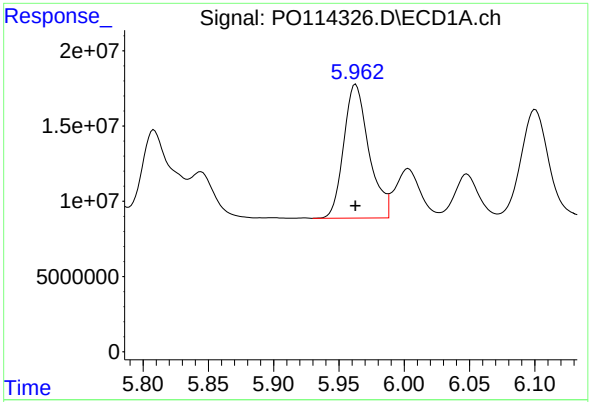
#22 AR-1248-2

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



#22 AR-1248-2

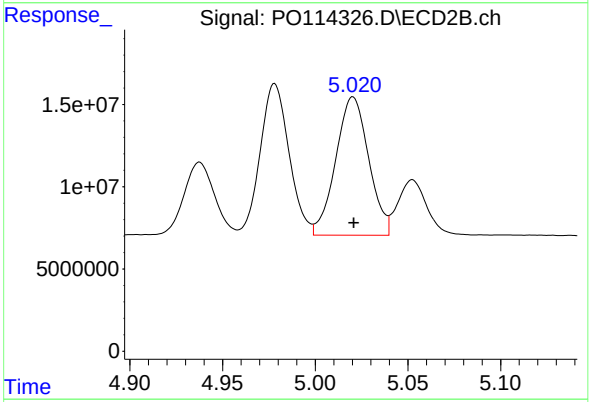
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 99975147
Conc: 726.23 ng/ml



#23 AR-1248-3

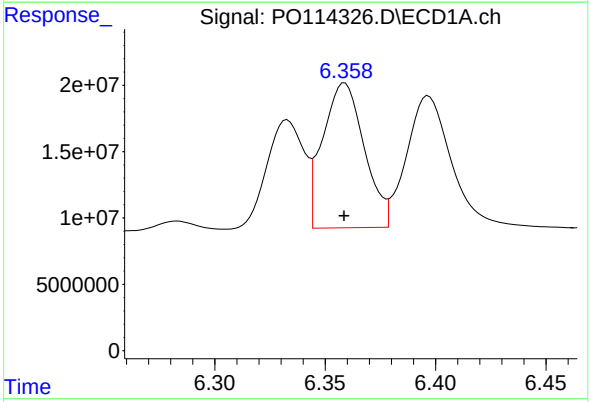
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 119500340
Conc: 731.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



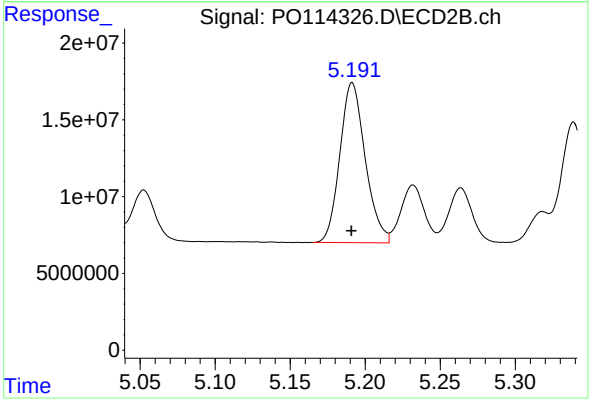
#23 AR-1248-3

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



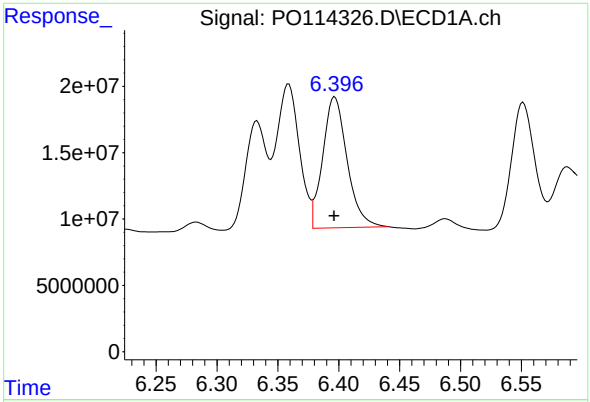
#24 AR-1248-4

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



#24 AR-1248-4

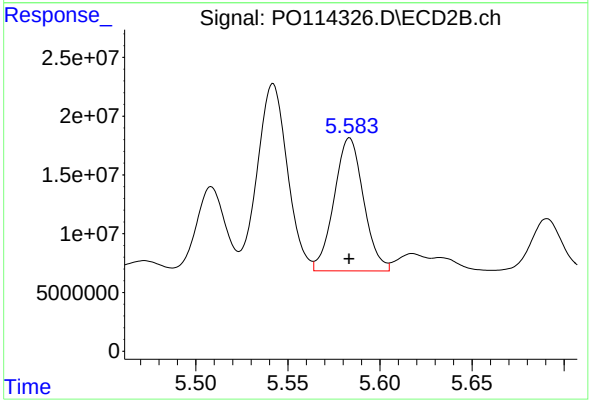
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 122663639
Conc: 725.75 ng/ml



#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)

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

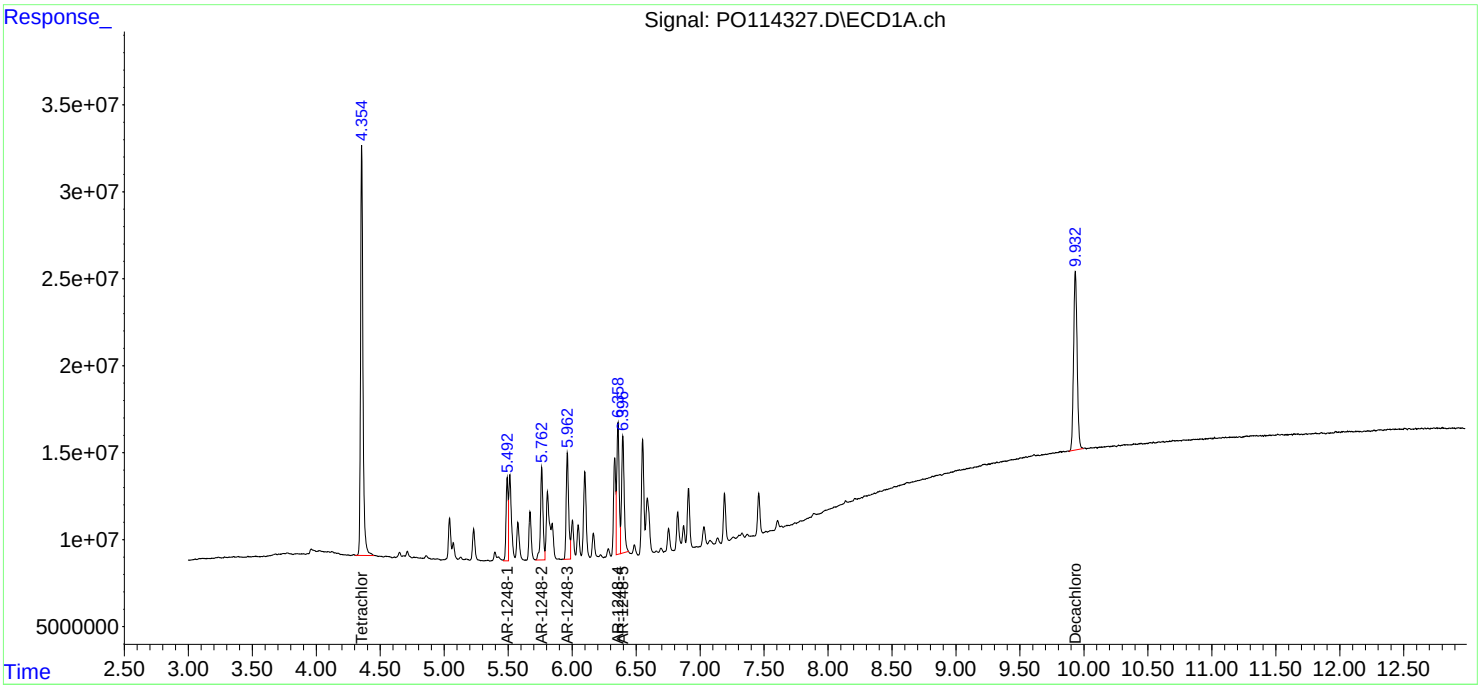
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

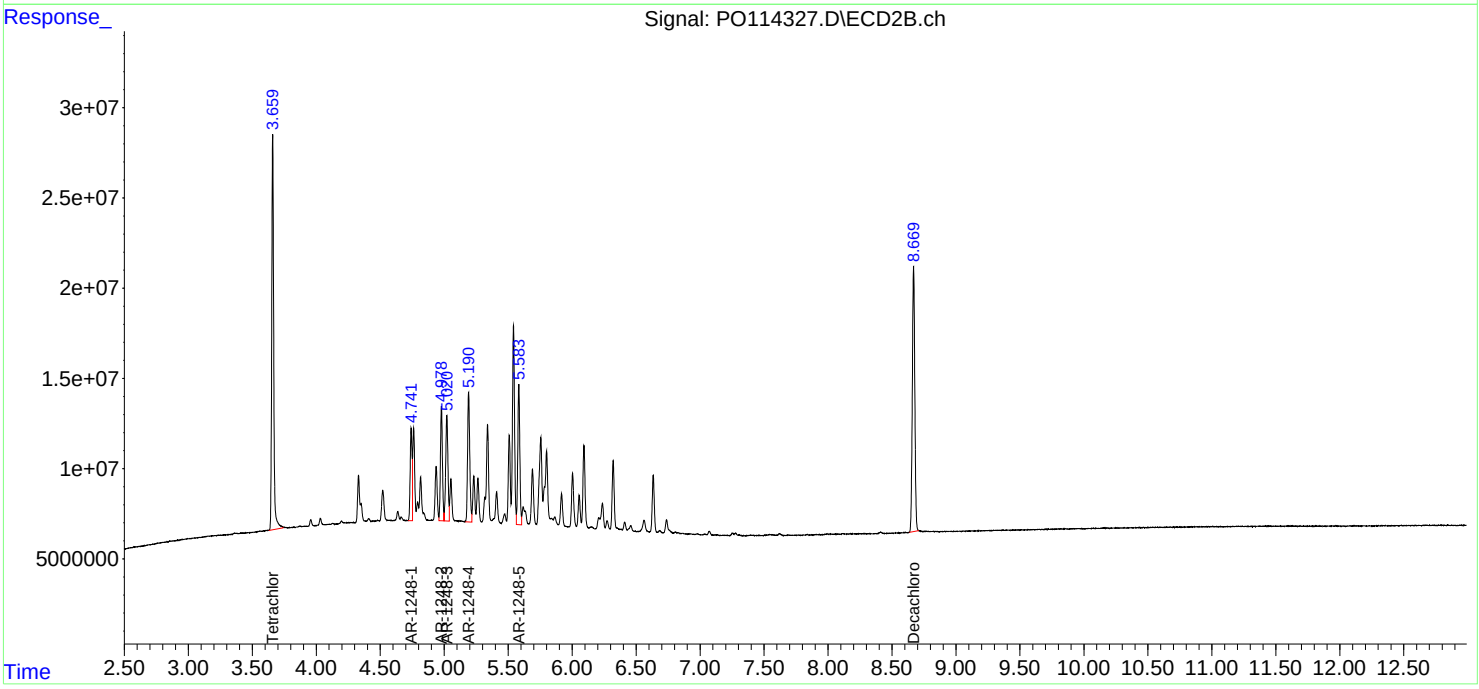
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:30
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

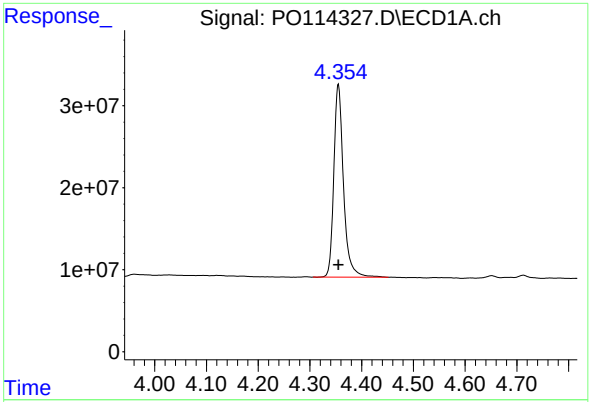
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

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



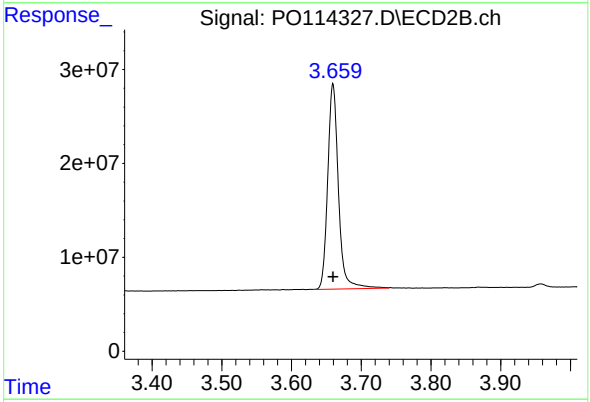




#1 Tetrachloro-m-xylene

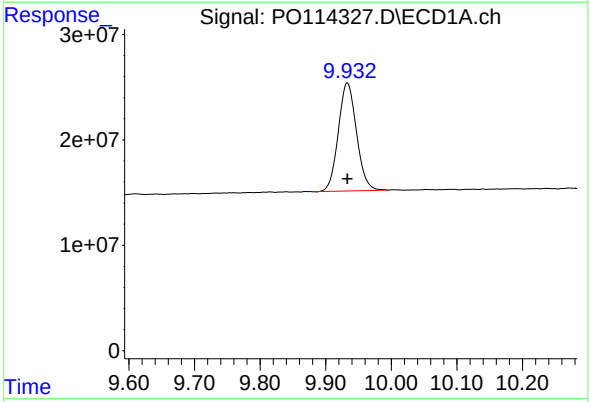
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 305869518
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



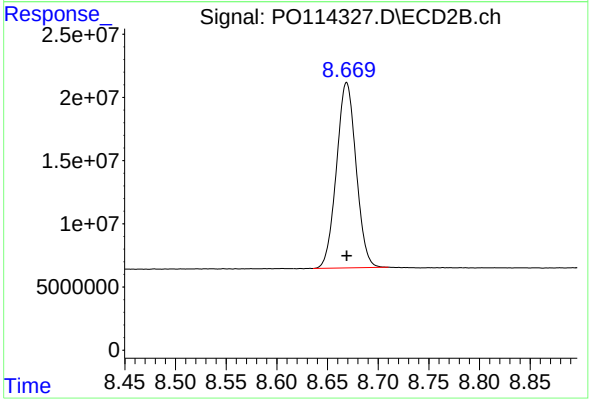
#1 Tetrachloro-m-xylene

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



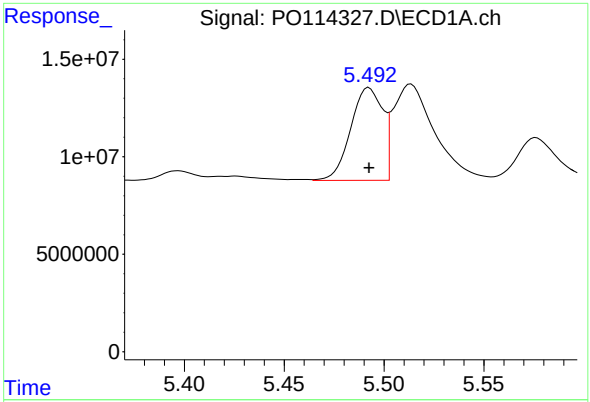
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

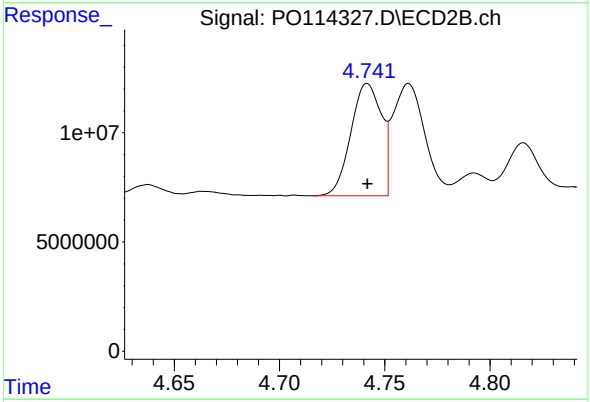
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 197590019
Conc: 50.00 ng/ml



#21 AR-1248-1

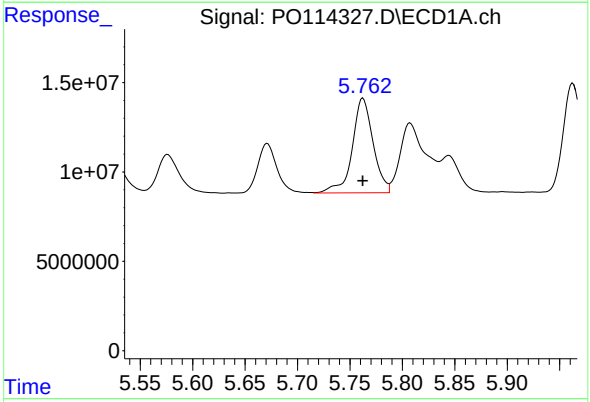
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 53089764
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



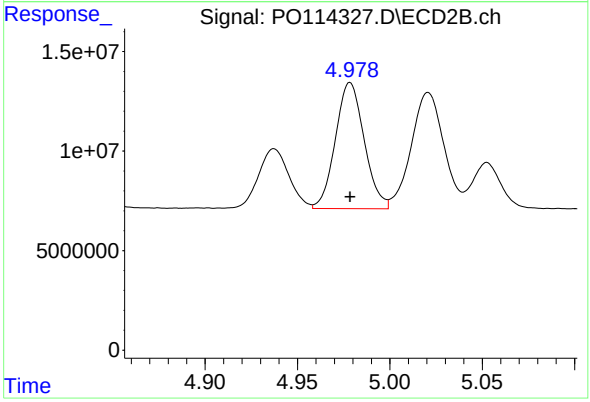
#21 AR-1248-1

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



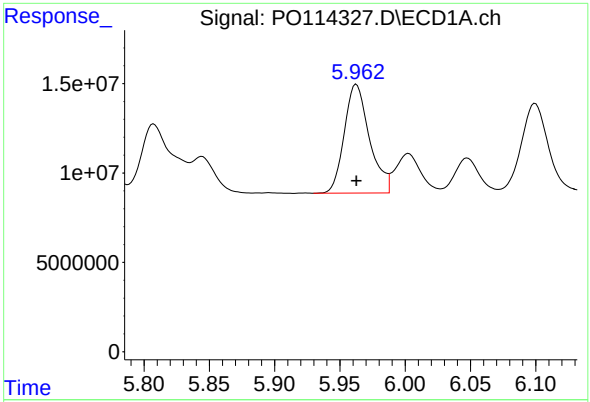
#22 AR-1248-2

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



#22 AR-1248-2

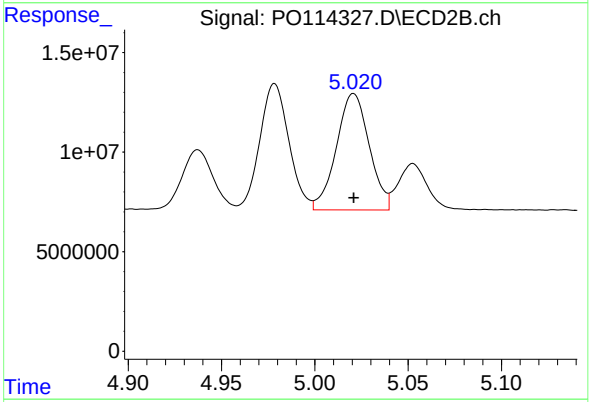
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 68831701
Conc: 500.00 ng/ml



#23 AR-1248-3

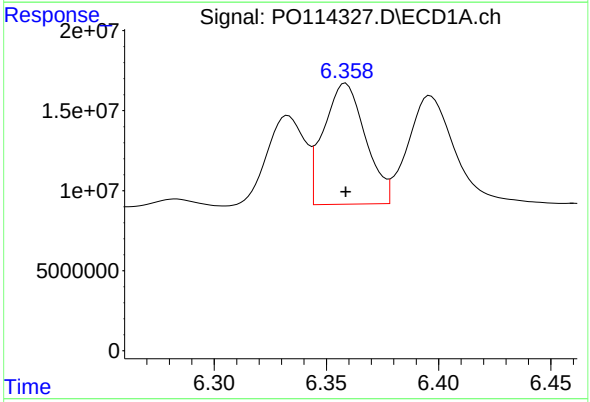
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 81710216
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



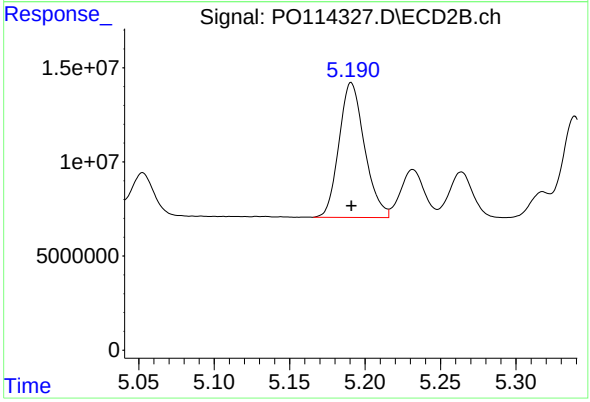
#23 AR-1248-3

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



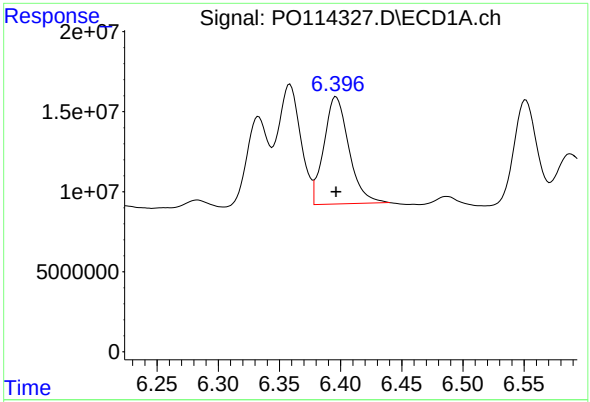
#24 AR-1248-4

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



#24 AR-1248-4

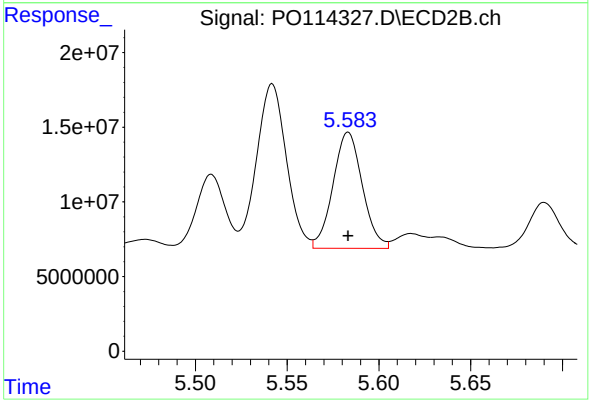
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 84508243
Conc: 500.00 ng/ml



#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)

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.

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

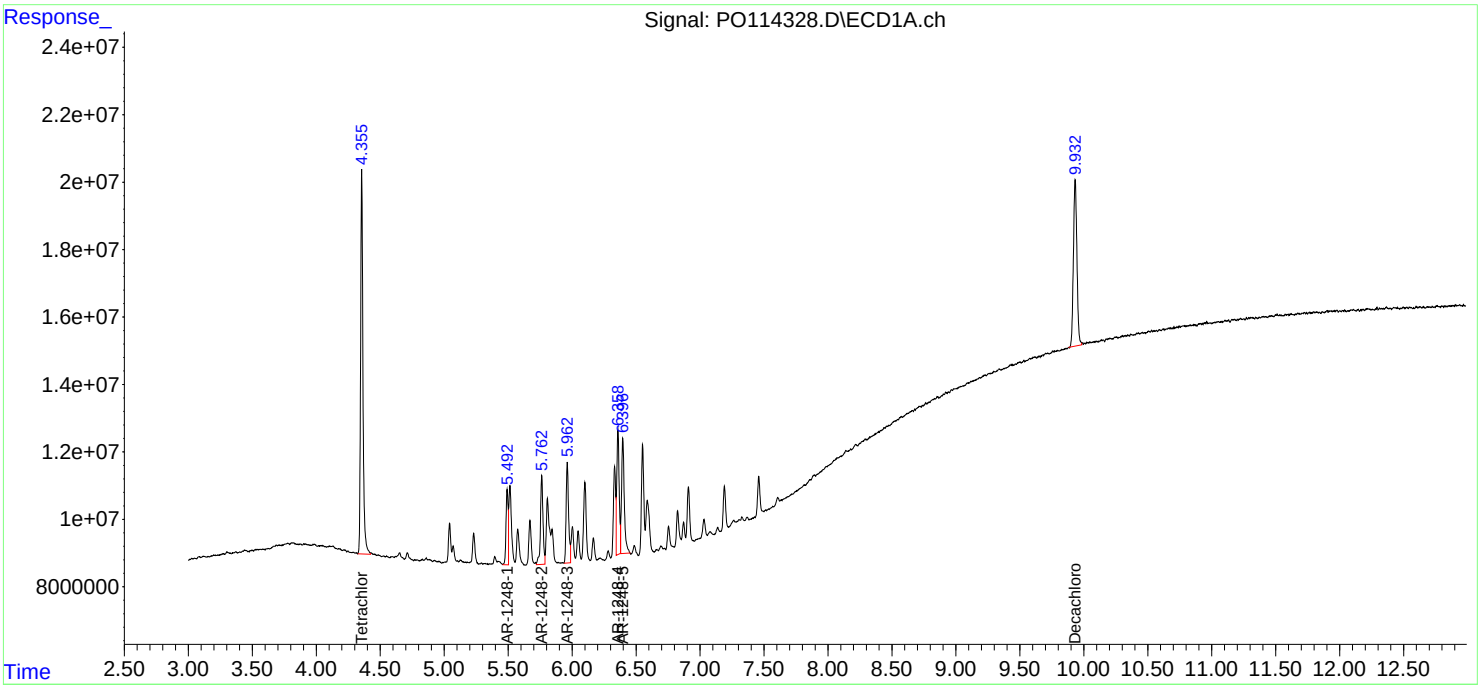
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

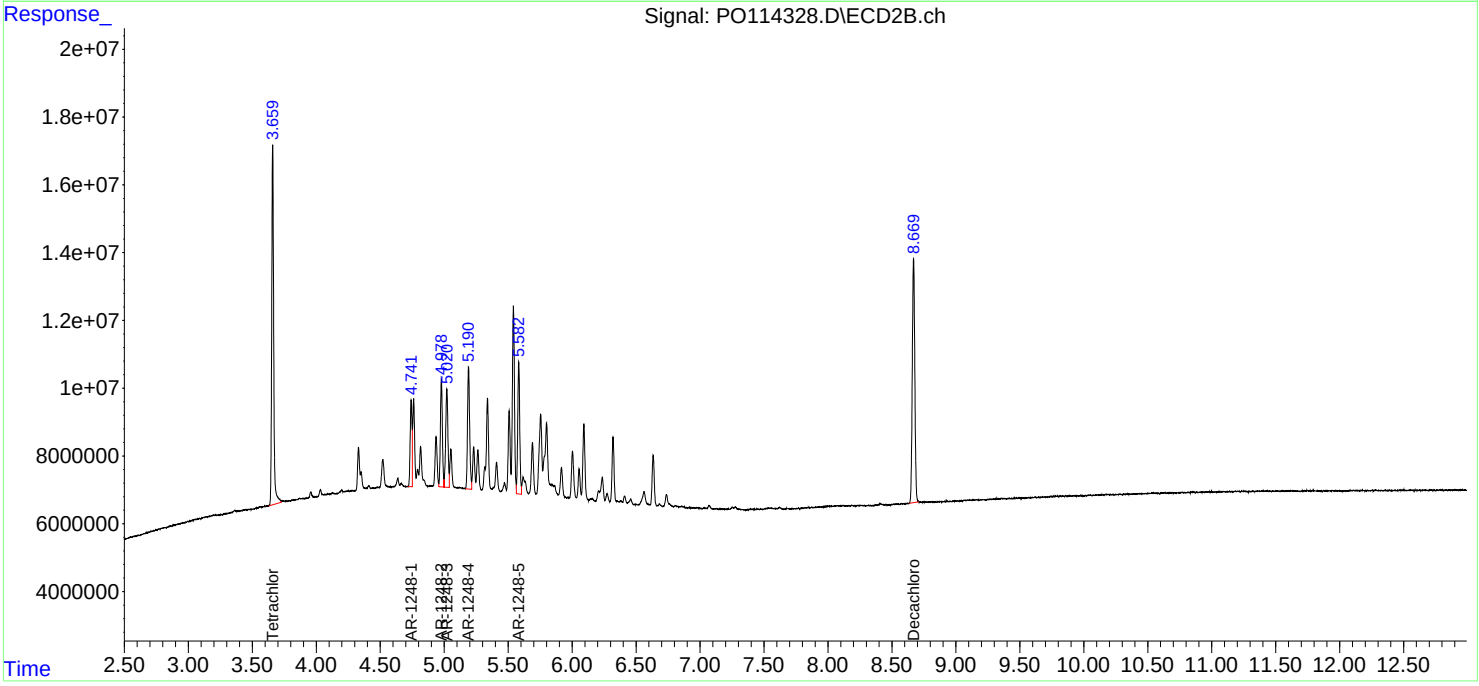
Manual Integrations APPROVED

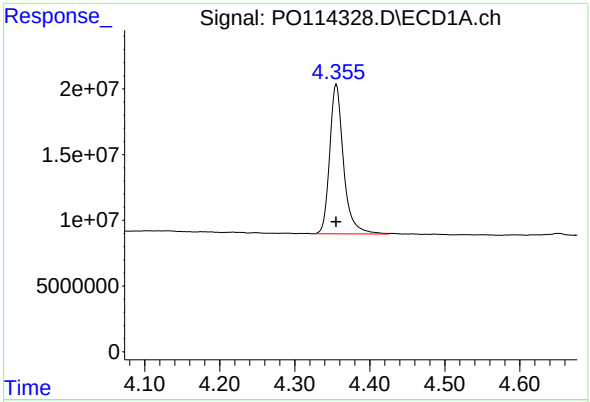
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

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







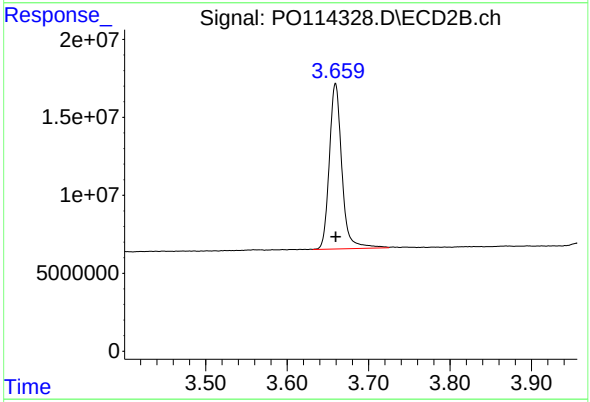
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

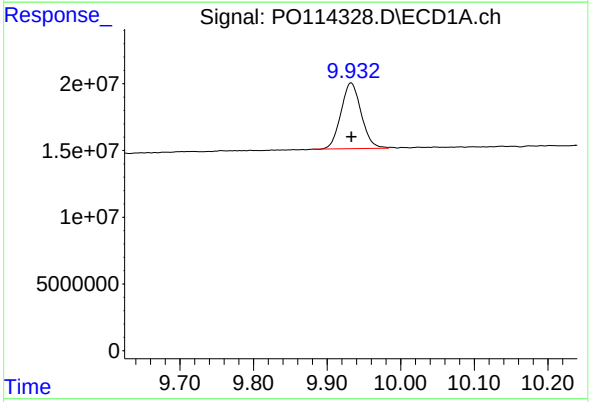
Manual Integrations APPROVED

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



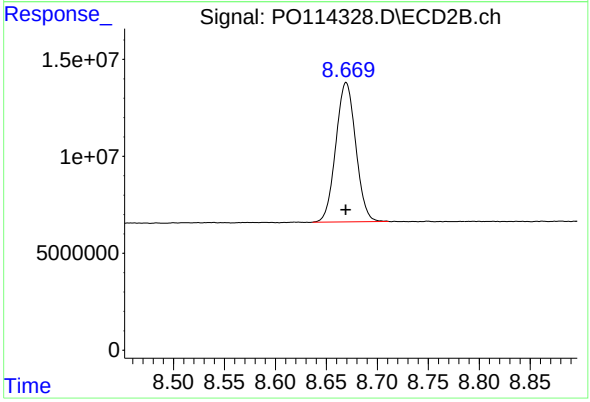
#1 Tetrachloro-m-xylene

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



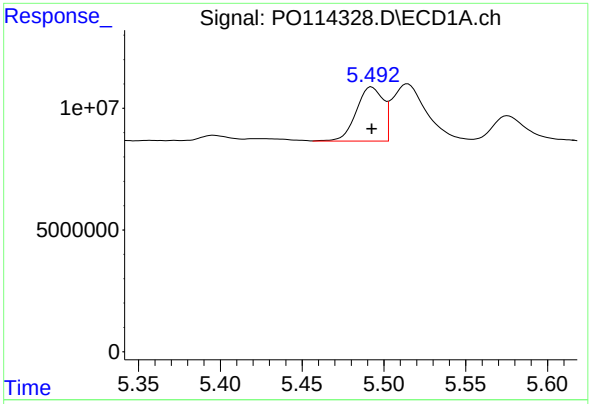
#2 Decachlorobiphenyl

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



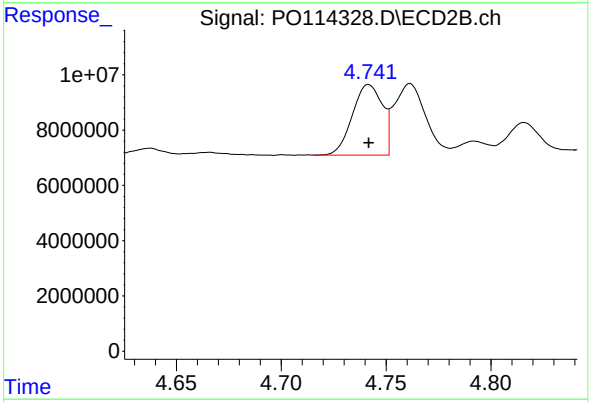
#21 AR-1248-1

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

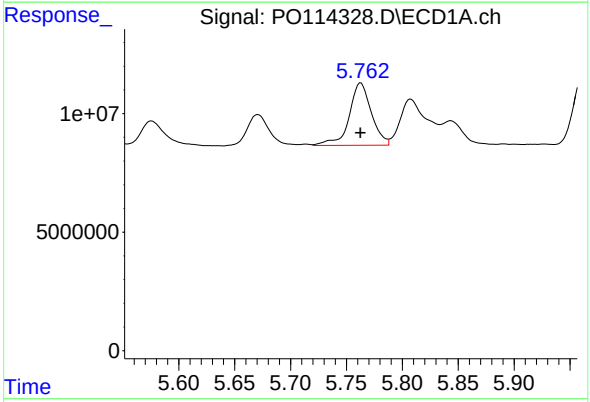
Manual Integrations APPROVED

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



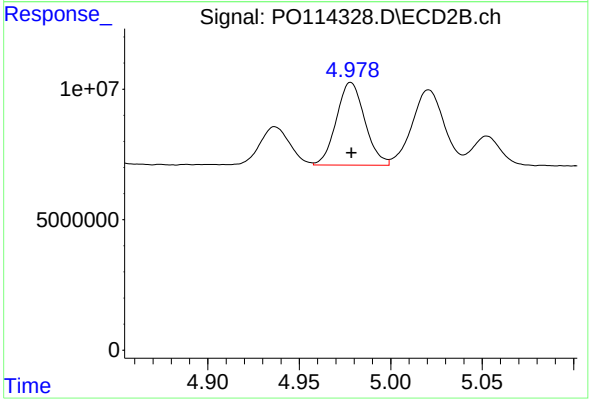
#21 AR-1248-1

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



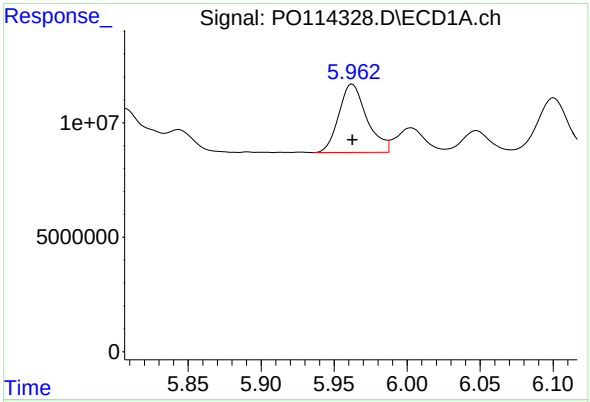
#22 AR-1248-2

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



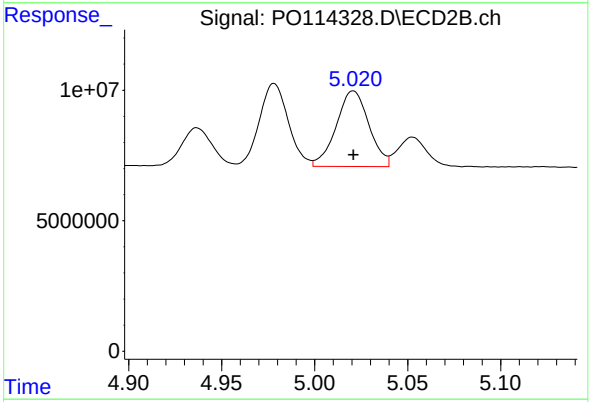
#23 AR-1248-3

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

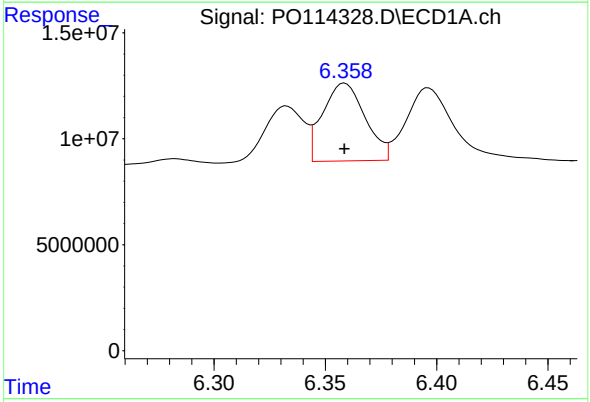
Manual Integrations APPROVED

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



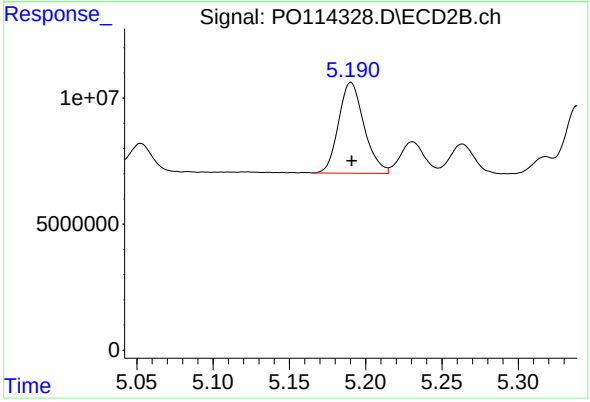
#23 AR-1248-3

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



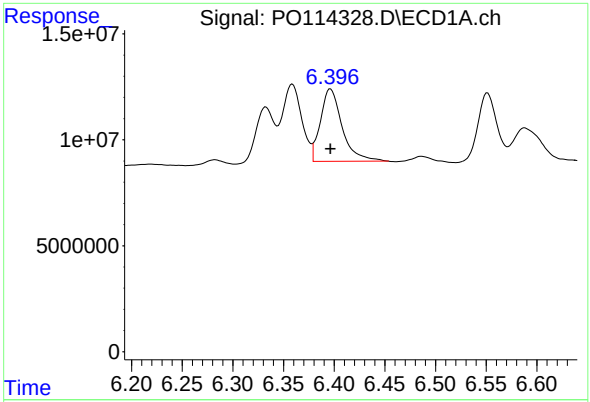
#24 AR-1248-4

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



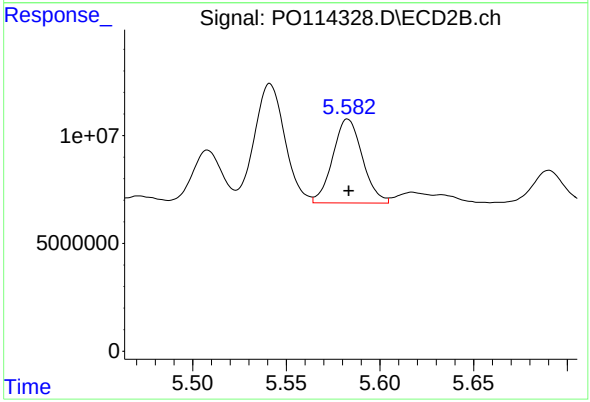
#25 AR-1248-5

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

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.

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

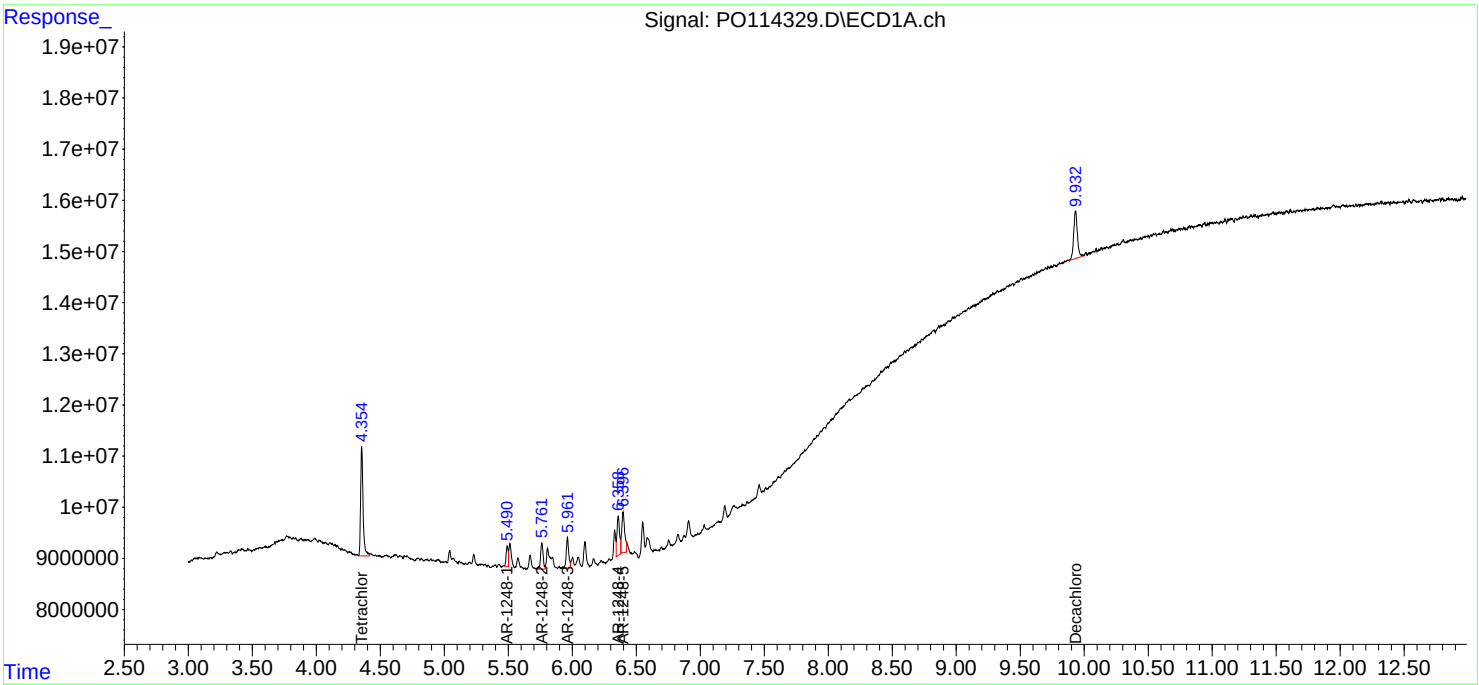
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

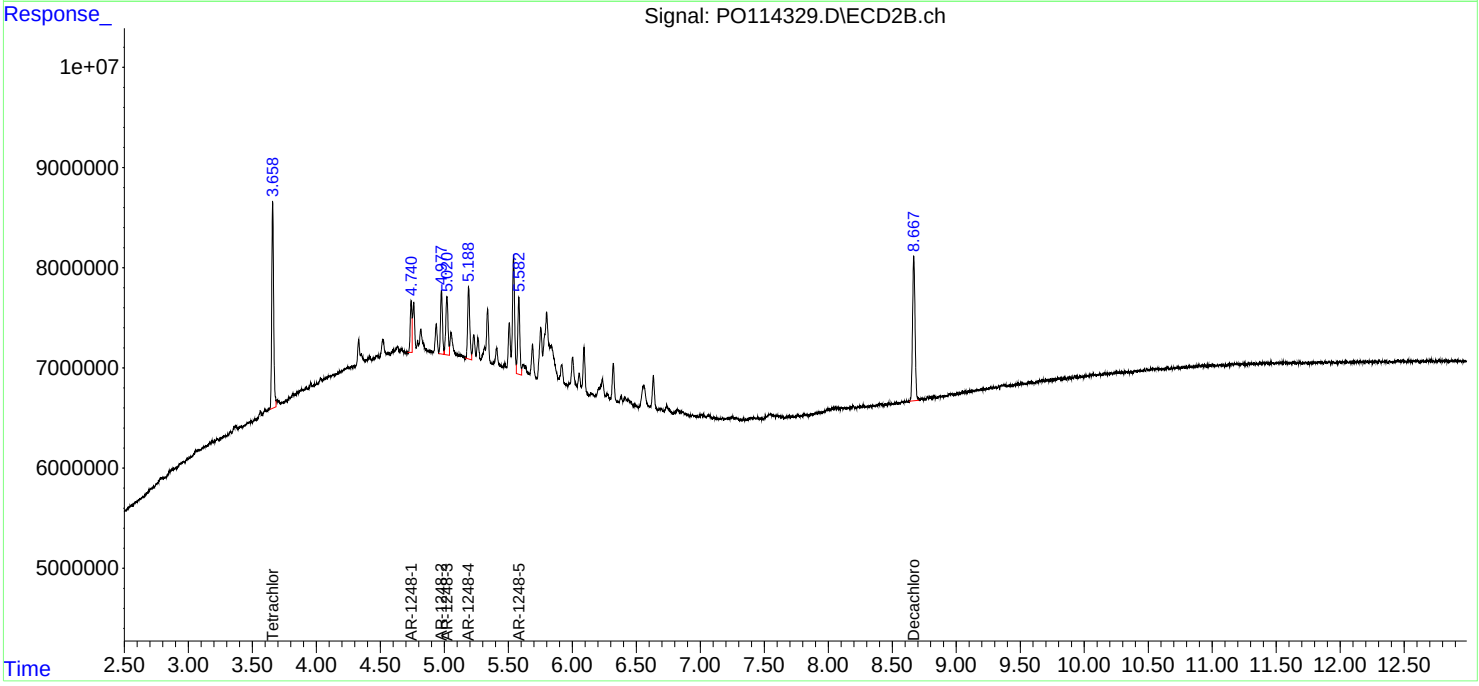
Manual Integrations APPROVED

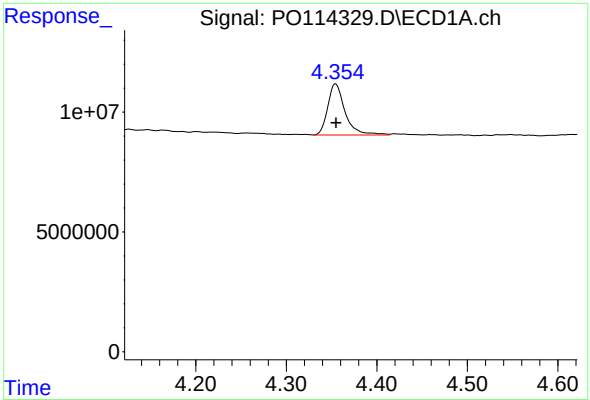
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

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







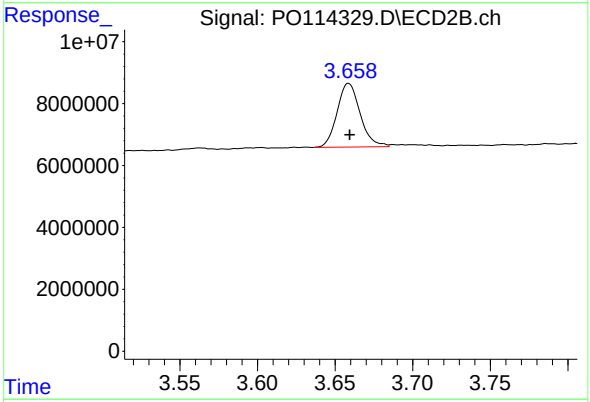
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

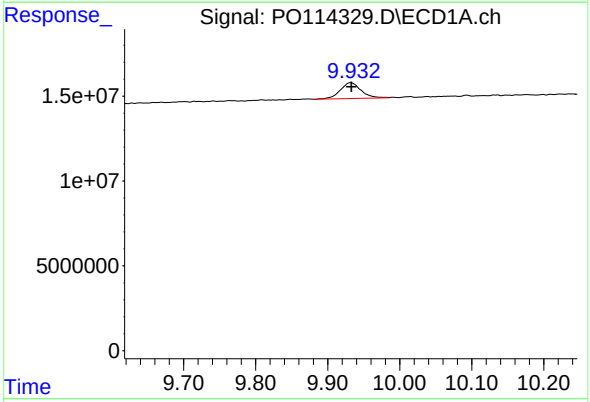
Manual Integrations APPROVED

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



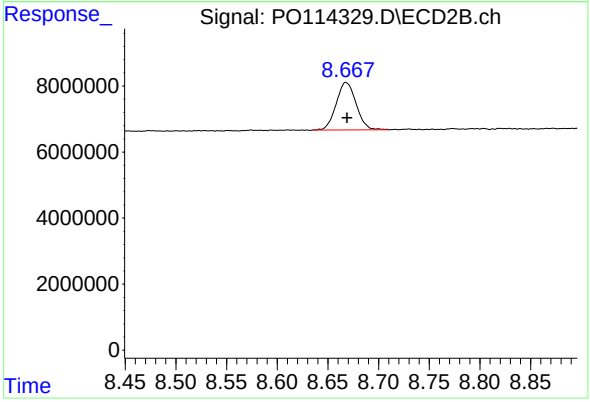
#1 Tetrachloro-m-xylene

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



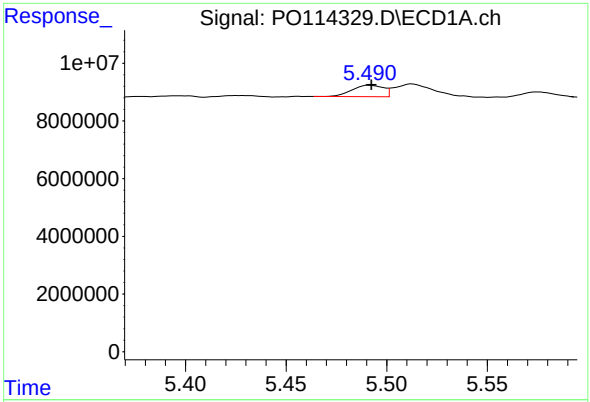
#2 Decachlorobiphenyl

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



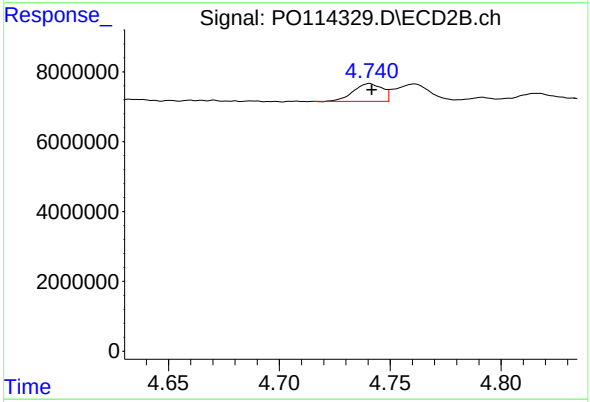
#21 AR-1248-1

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

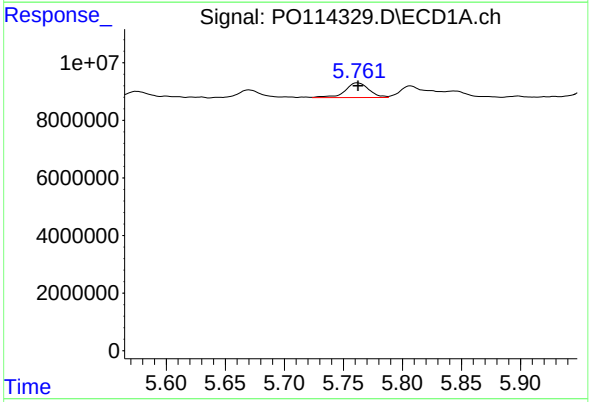
Manual Integrations APPROVED

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



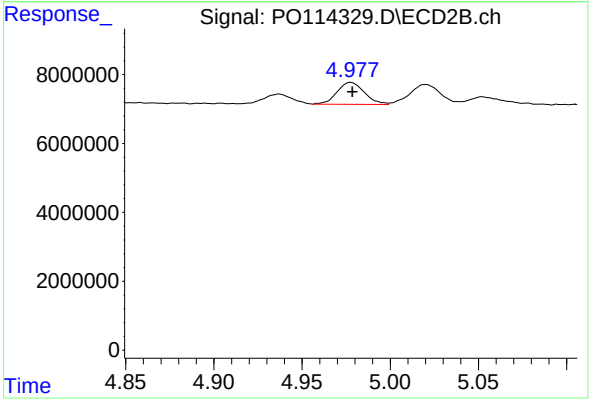
#21 AR-1248-1

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



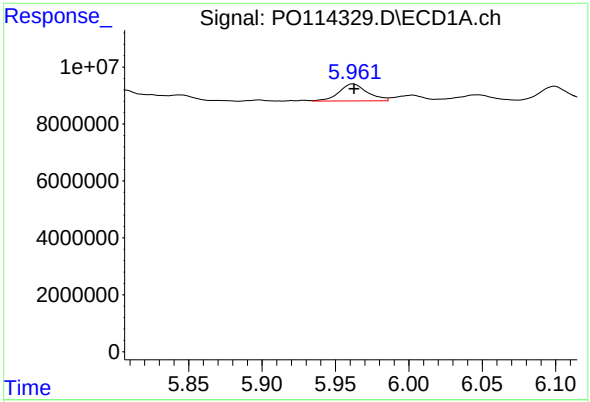
#22 AR-1248-2

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



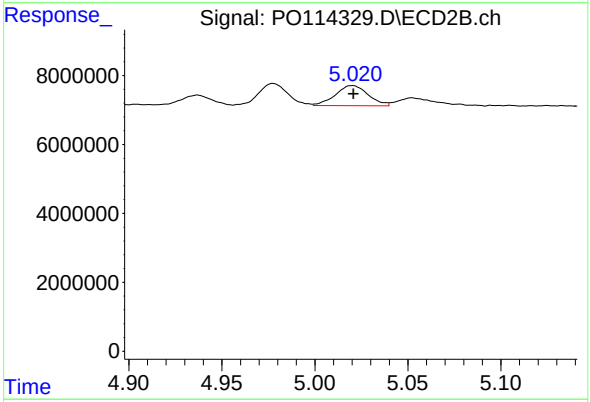
#23 AR-1248-3

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

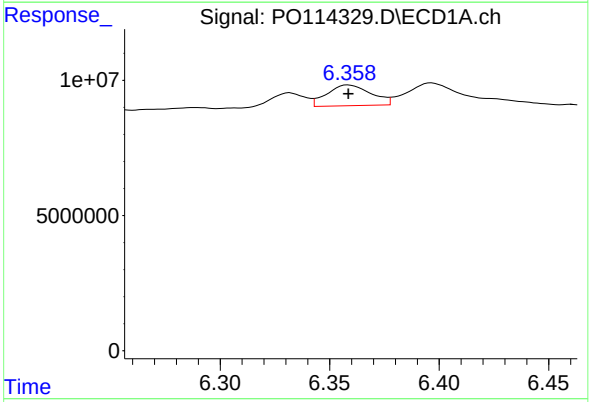
Manual Integrations APPROVED

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



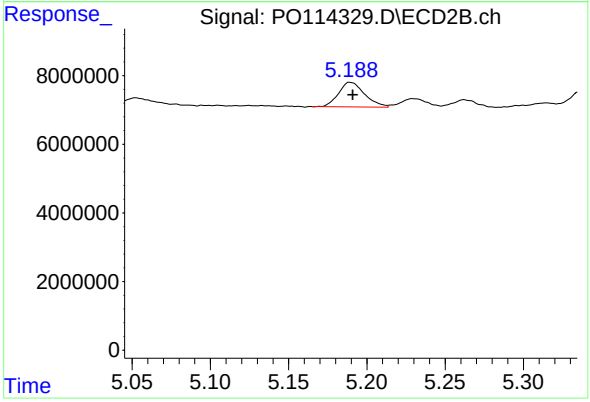
#23 AR-1248-3

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



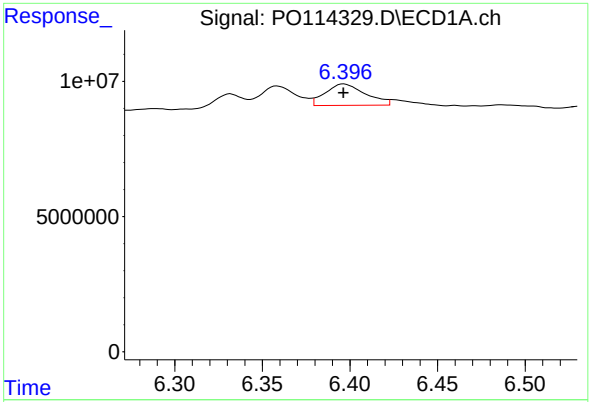
#24 AR-1248-4

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



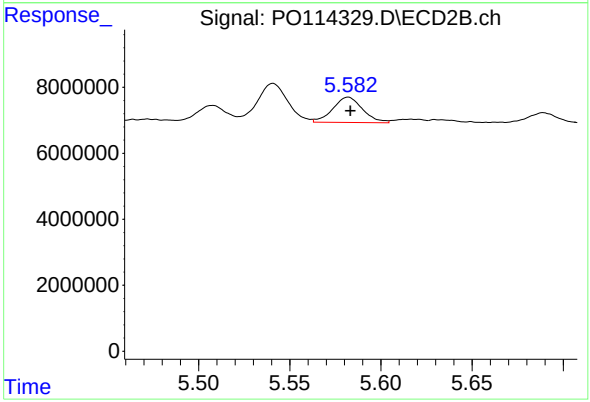
#25 AR-1248-5

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)

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

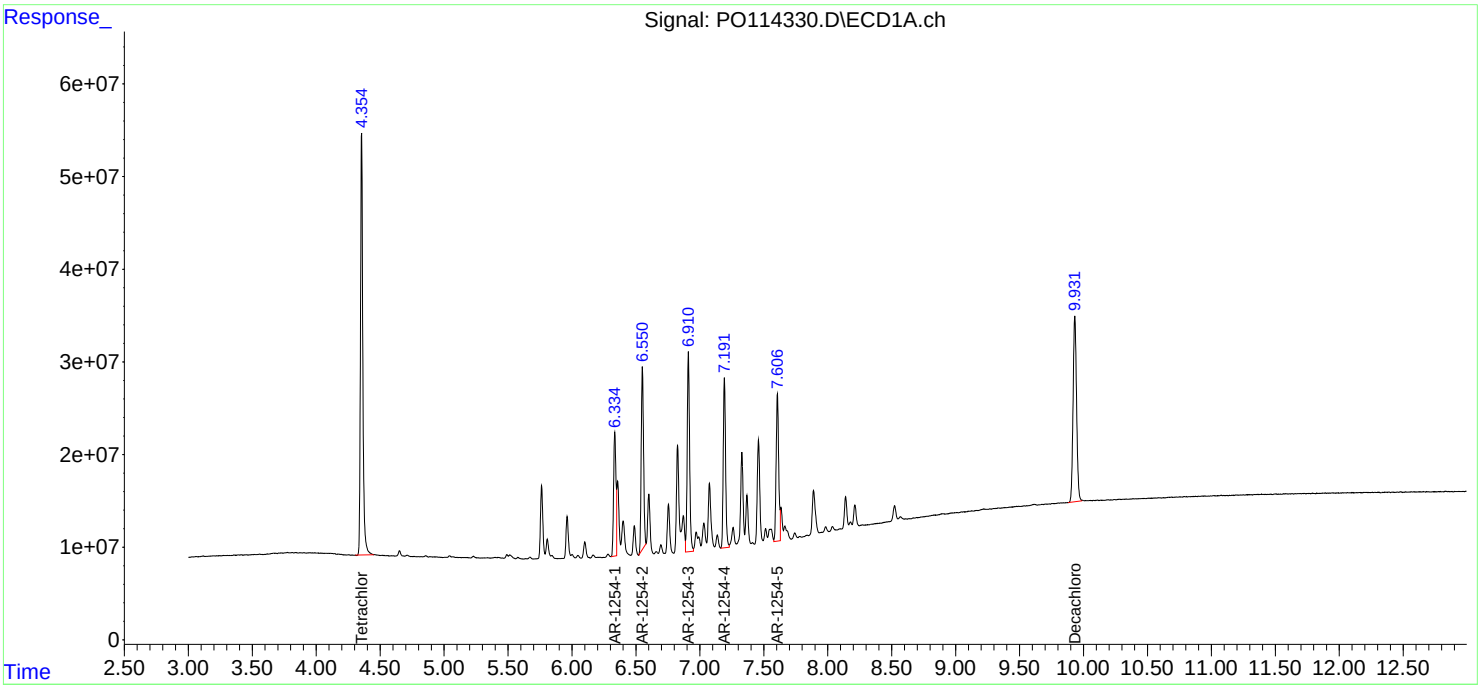
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

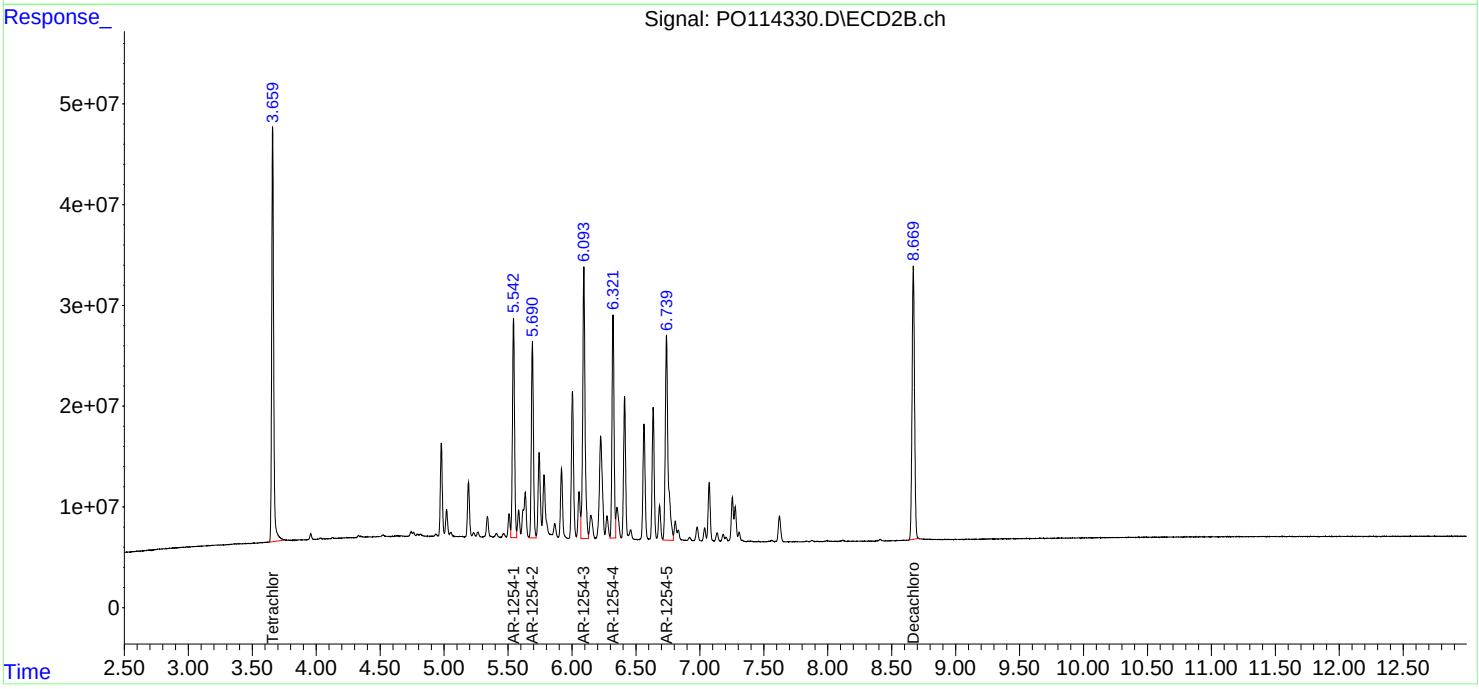
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:26
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

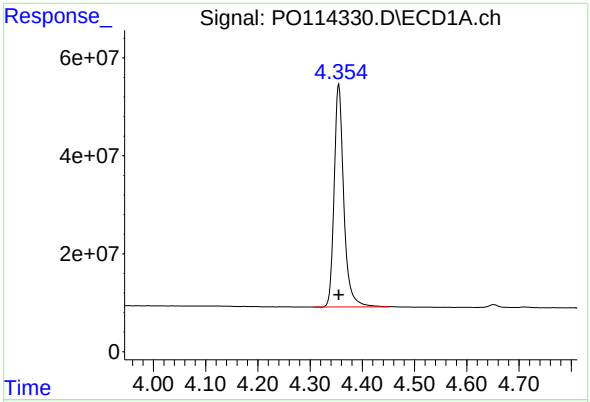
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

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



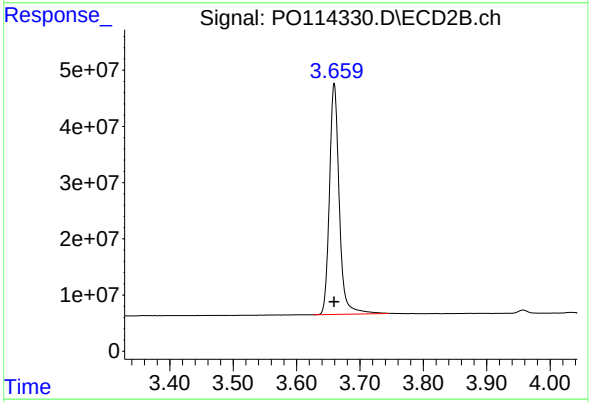




#1 Tetrachloro-m-xylene

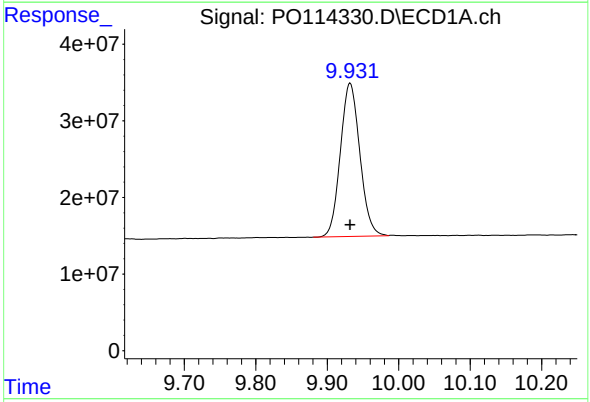
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 582282489
Conc: 96.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



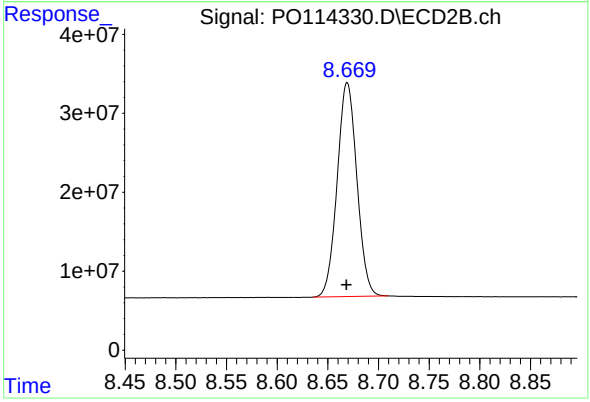
#1 Tetrachloro-m-xylene

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



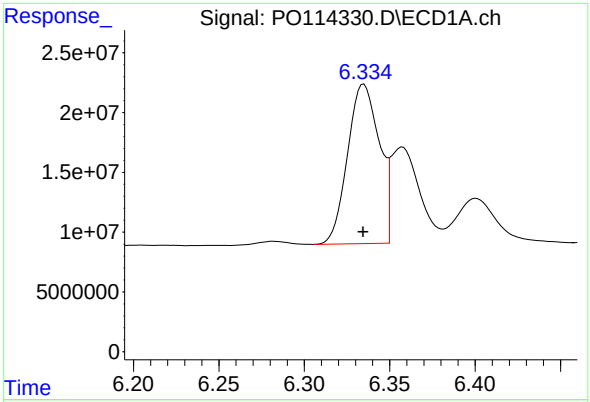
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

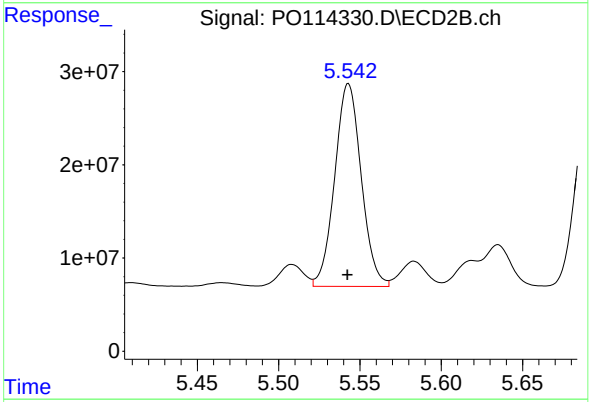
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 367313413
Conc: 93.58 ng/ml



#26 AR-1254-1

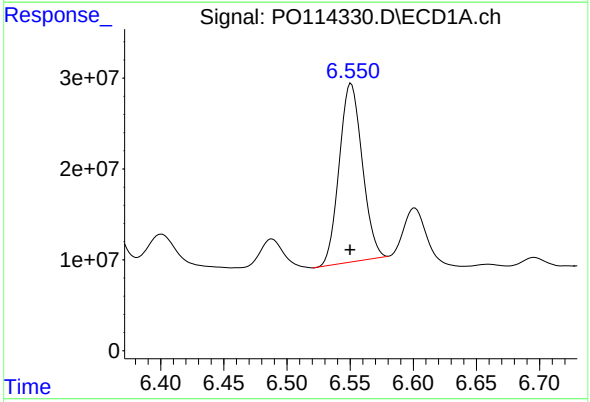
R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 171902953
Conc: 942.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



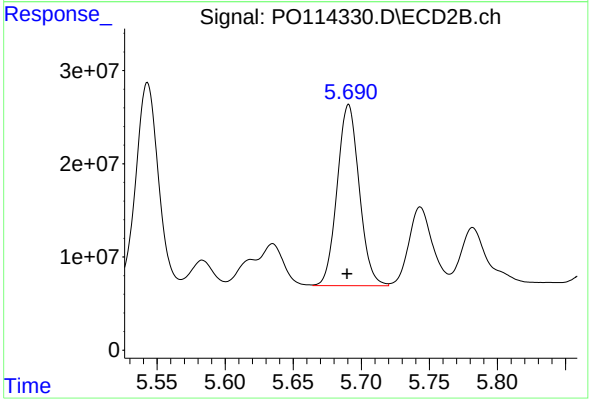
#26 AR-1254-1

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



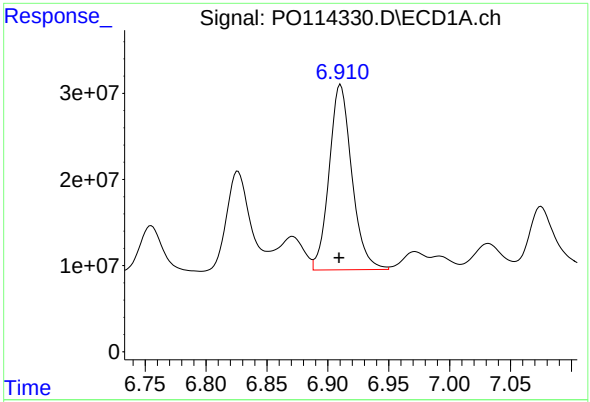
#27 AR-1254-2

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



#27 AR-1254-2

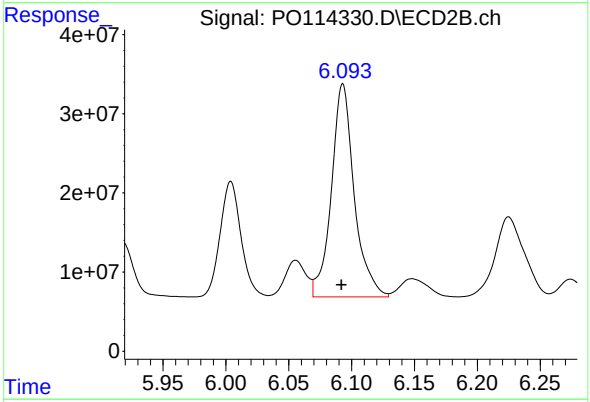
R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 219192417
Conc: 916.17 ng/ml



#28 AR-1254-3

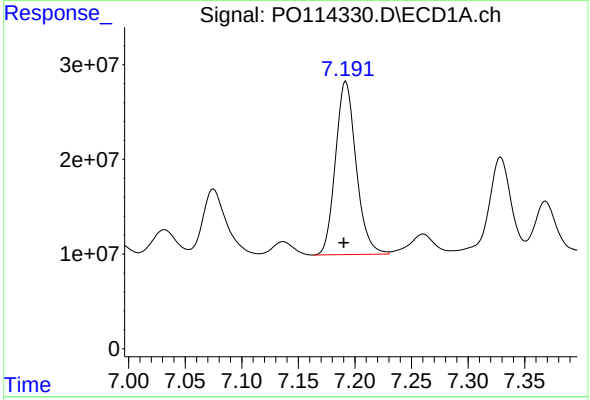
R.T.: 6.910 min
Delta R.T.: 0.001 min
Response: 278966197
Conc: 951.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



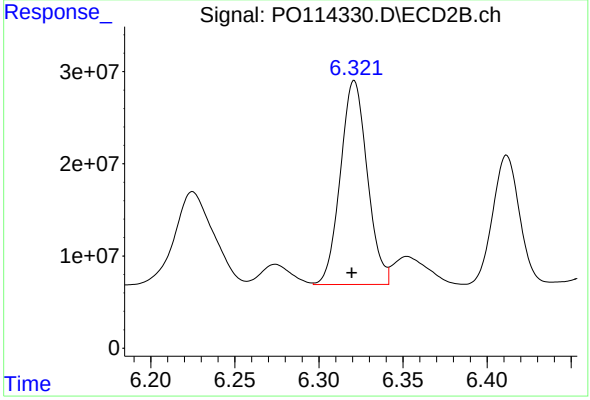
#28 AR-1254-3

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



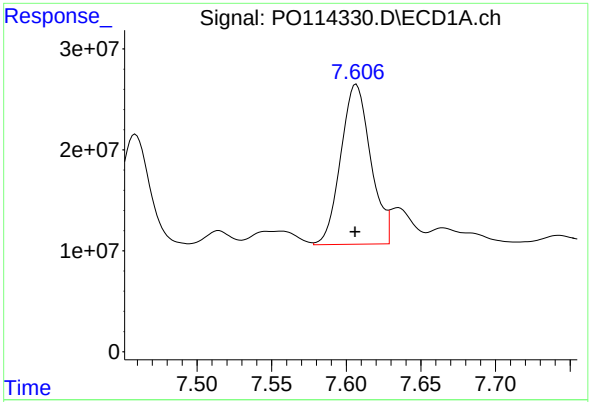
#29 AR-1254-4

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



#29 AR-1254-4

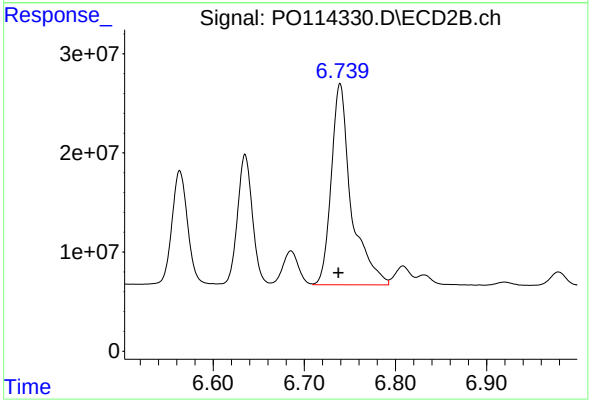
R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 246402938
Conc: 924.59 ng/ml



#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)

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

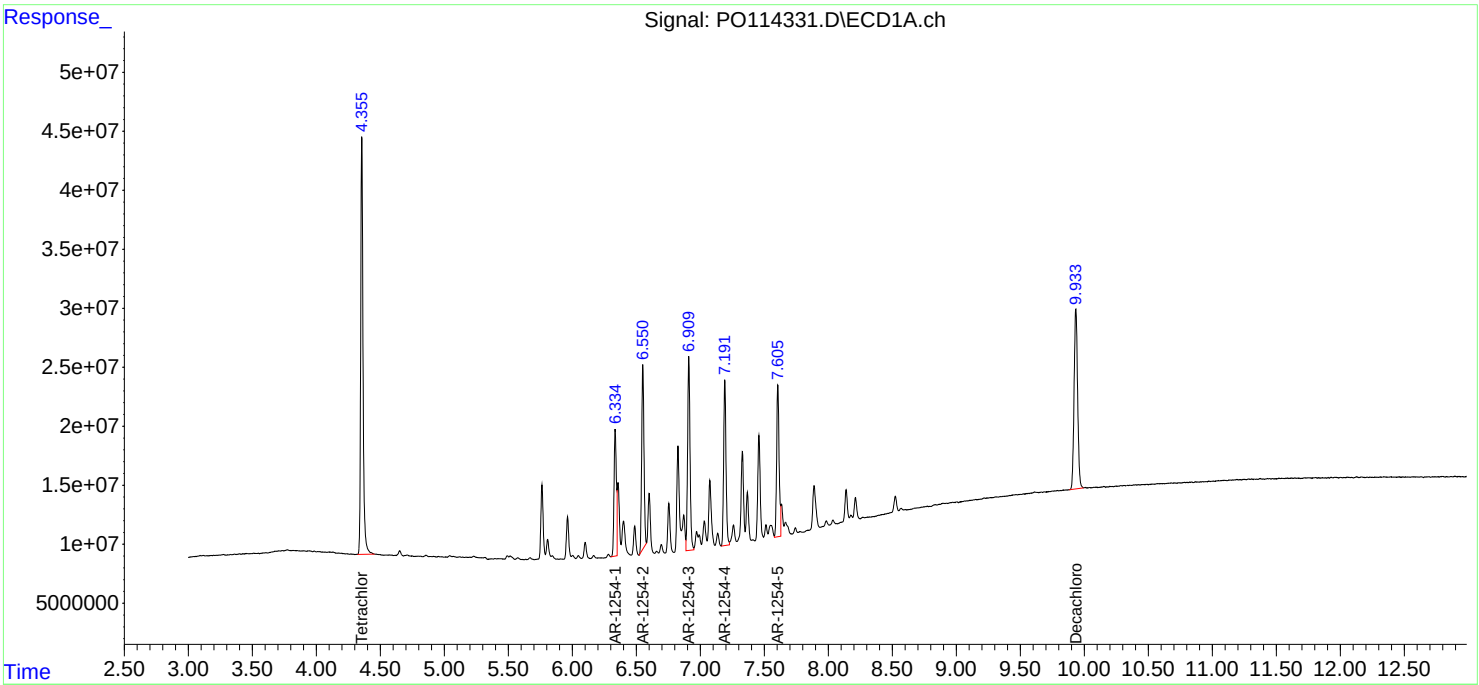
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

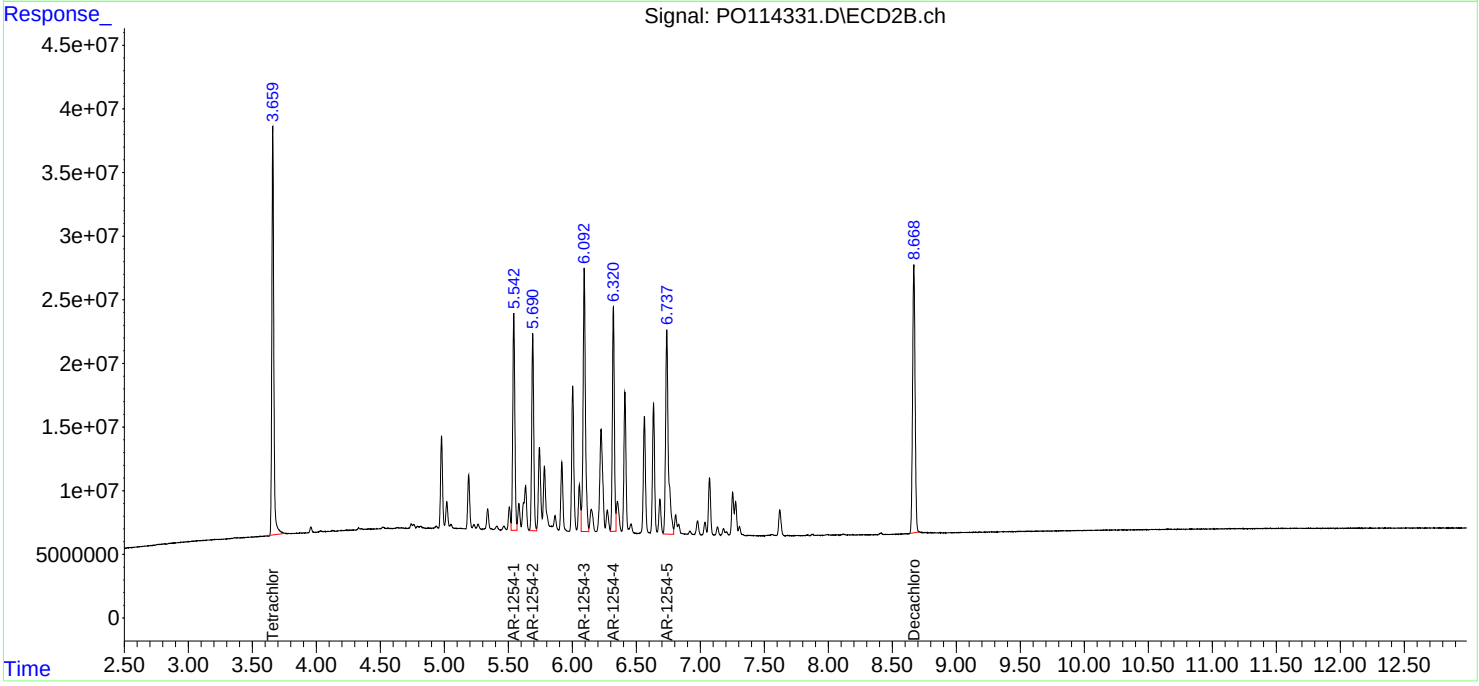
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:44
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

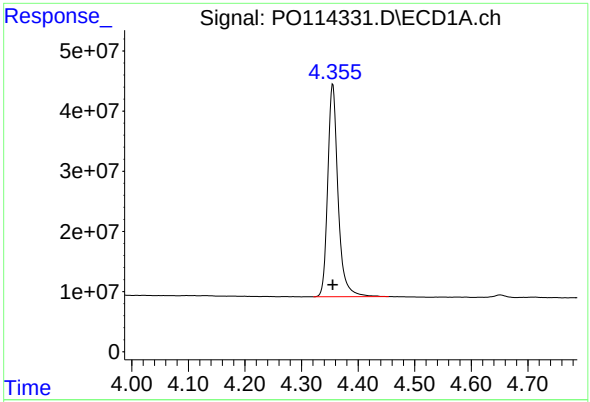
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

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



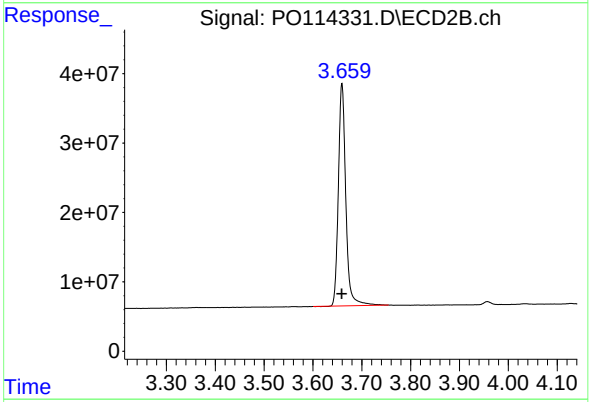




#1 Tetrachloro-m-xylene

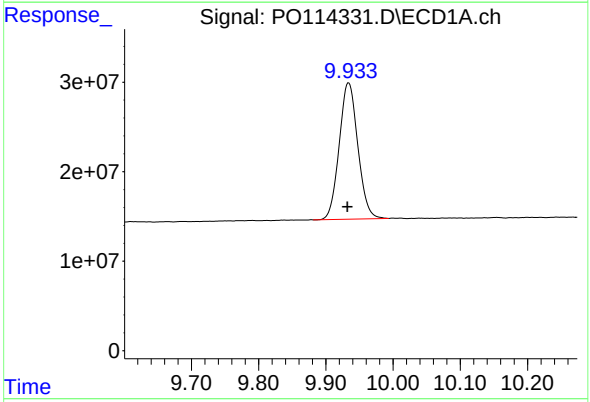
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 449122702
Conc: 74.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



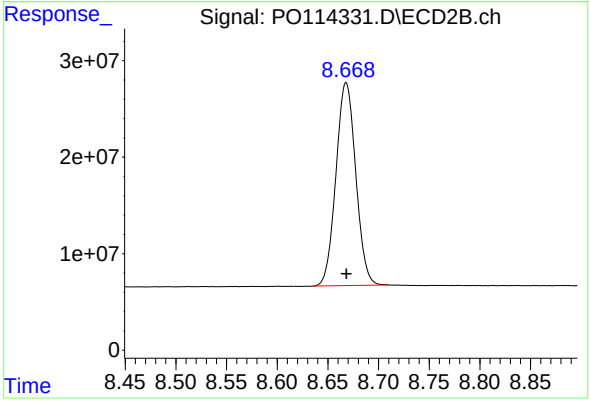
#1 Tetrachloro-m-xylene

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



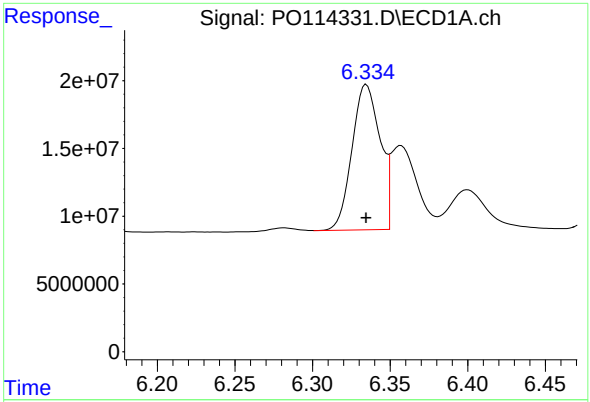
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

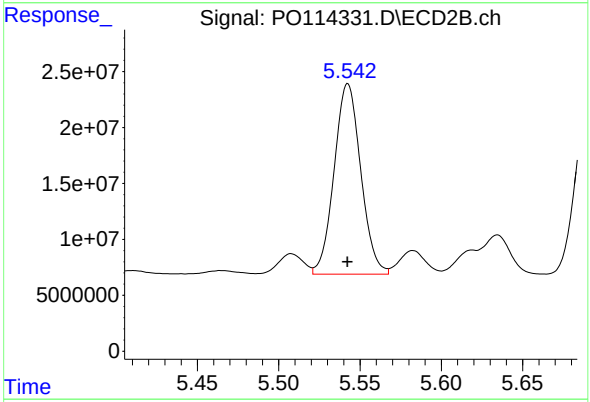
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 286215915
Conc: 72.92 ng/ml



#26 AR-1254-1

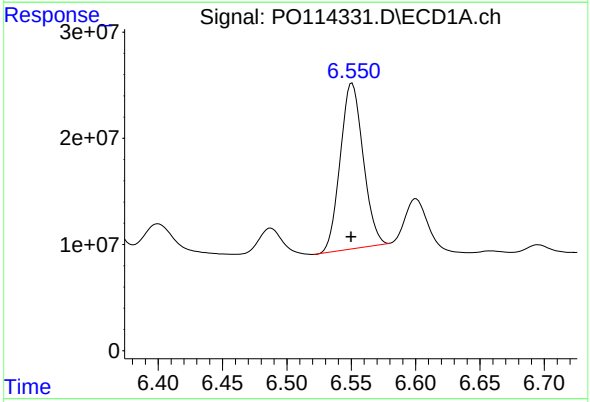
R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 135168339
Conc: 741.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



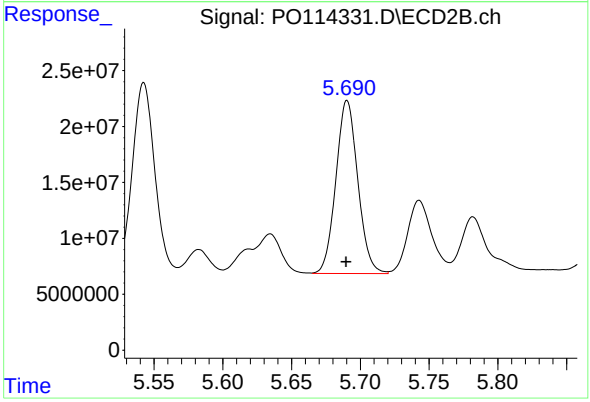
#26 AR-1254-1

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



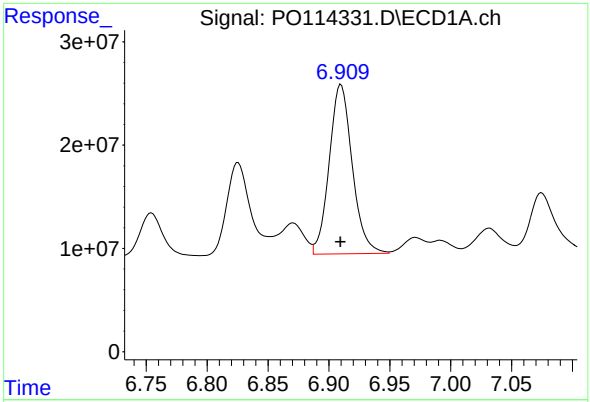
#27 AR-1254-2

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



#27 AR-1254-2

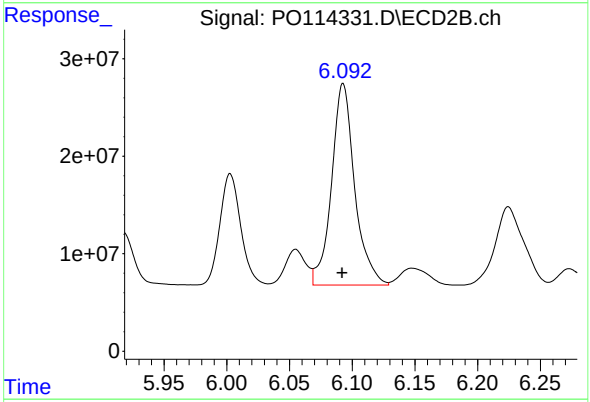
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 171706106
Conc: 717.69 ng/ml



#28 AR-1254-3

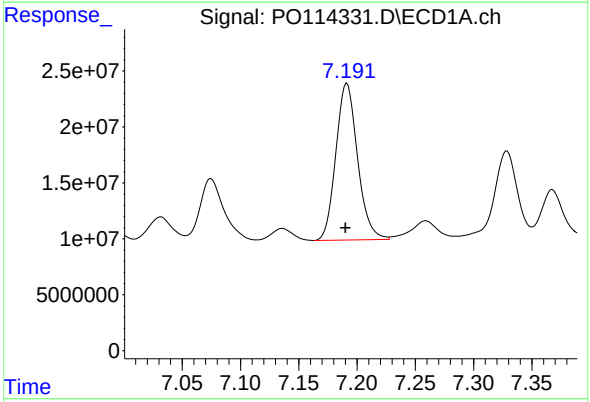
R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 216076284
Conc: 736.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



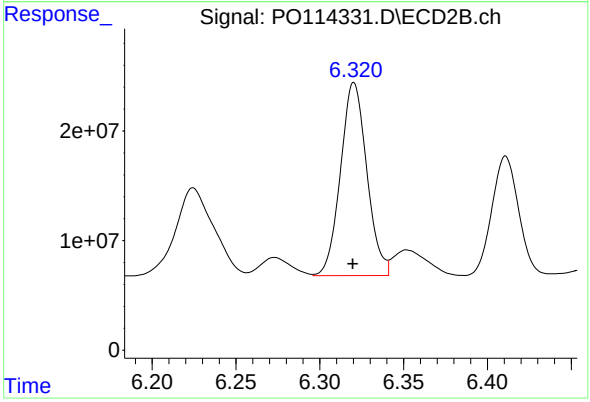
#28 AR-1254-3

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



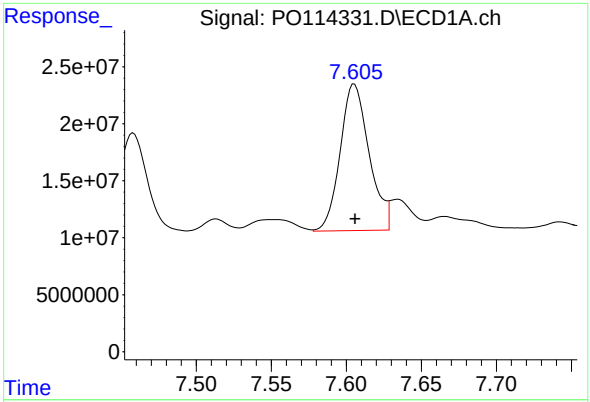
#29 AR-1254-4

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



#29 AR-1254-4

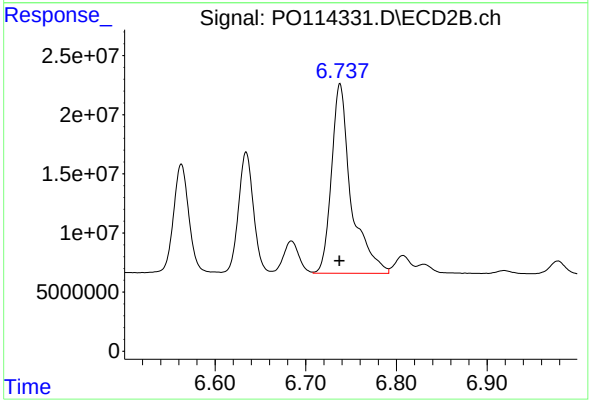
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 192655826
Conc: 722.92 ng/ml



#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)

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

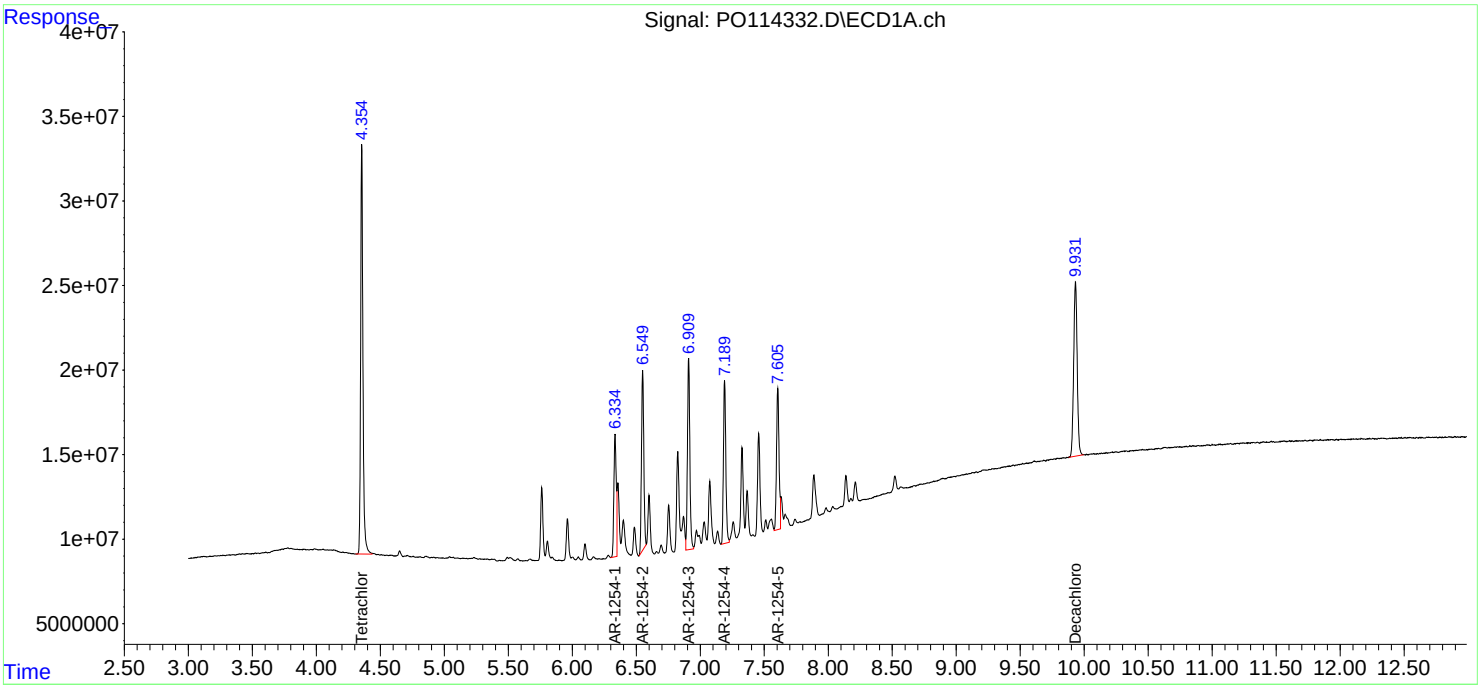
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

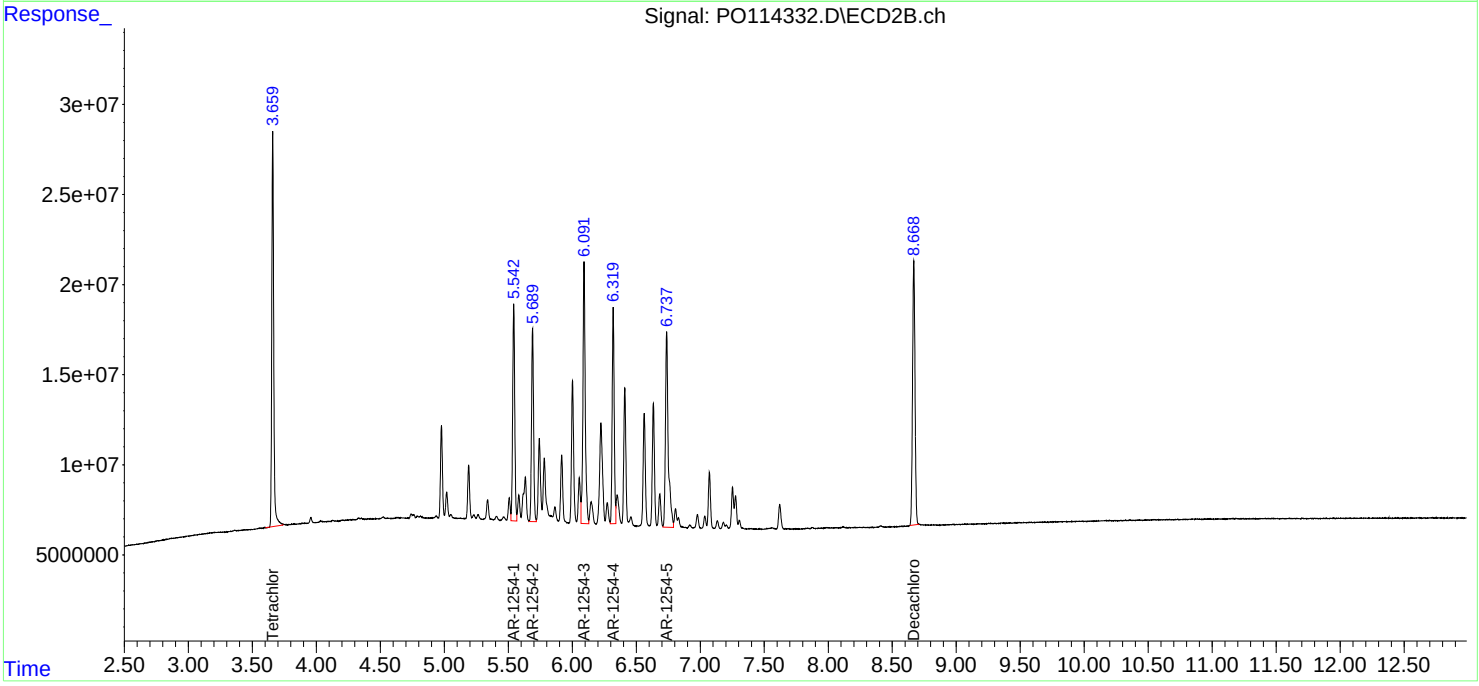
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:02
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

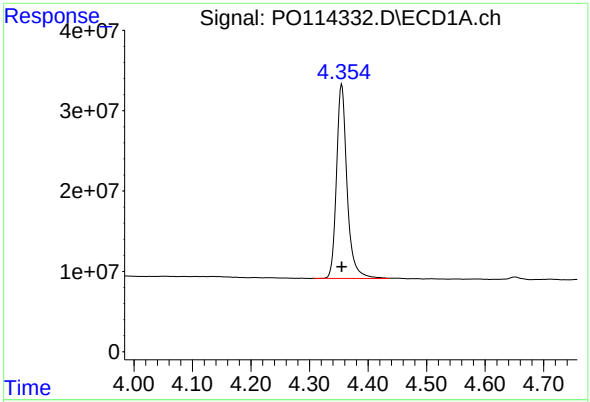
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

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



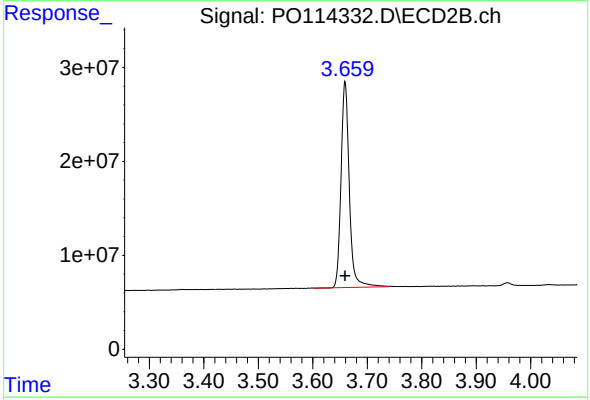




#1 Tetrachloro-m-xylene

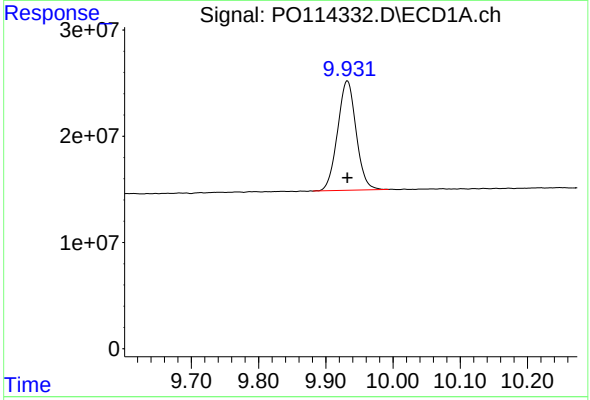
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 302674203
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



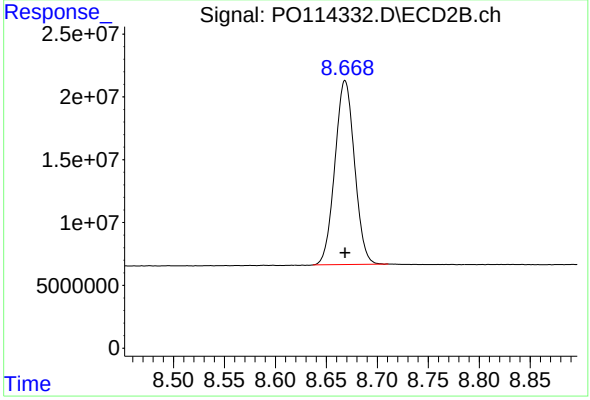
#1 Tetrachloro-m-xylene

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



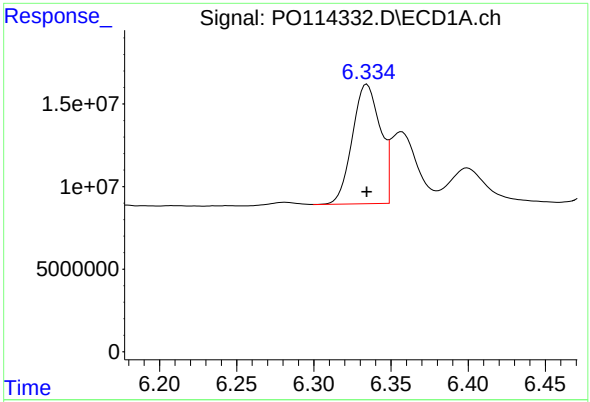
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

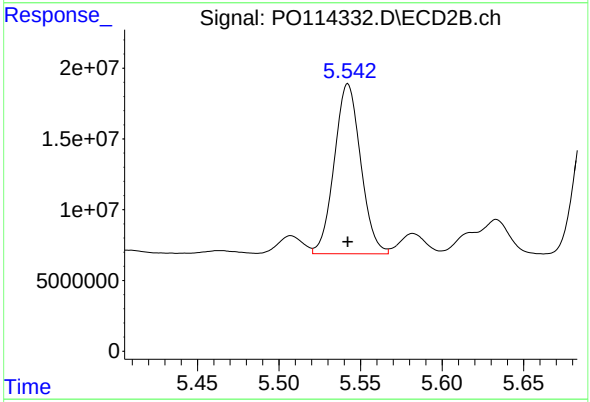
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 196256460
Conc: 50.00 ng/ml



#26 AR-1254-1

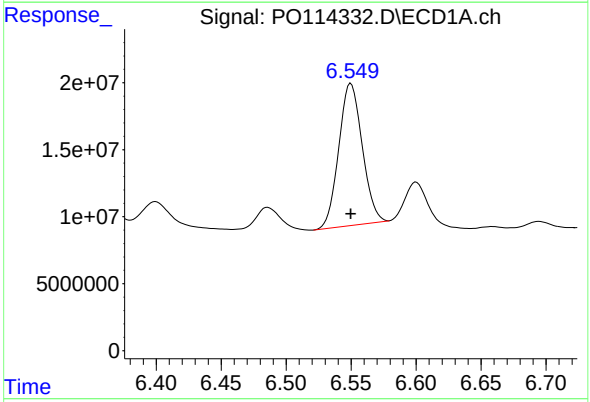
R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 91163068
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



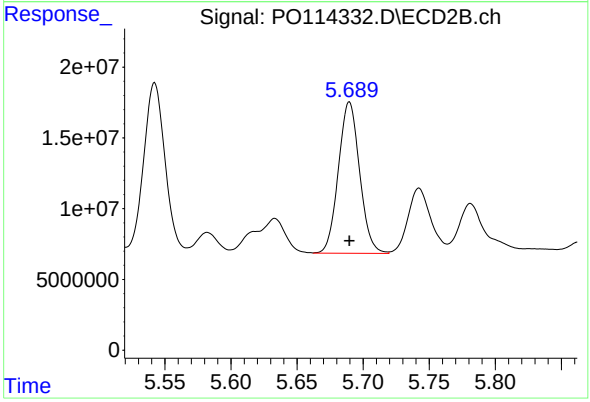
#26 AR-1254-1

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



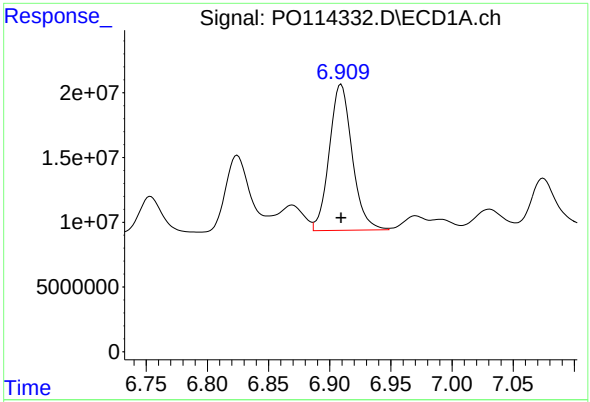
#27 AR-1254-2

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



#27 AR-1254-2

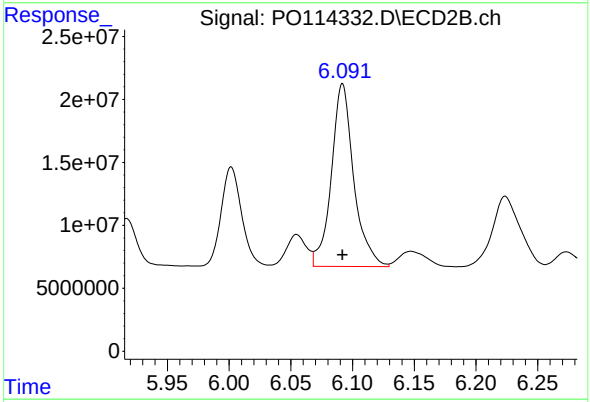
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 119624254
Conc: 500.00 ng/ml



#28 AR-1254-3

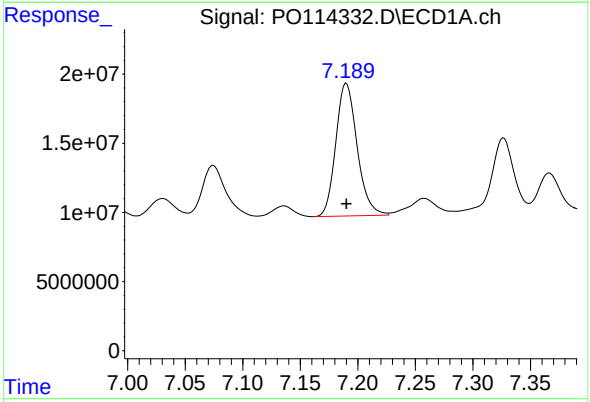
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 146668522
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



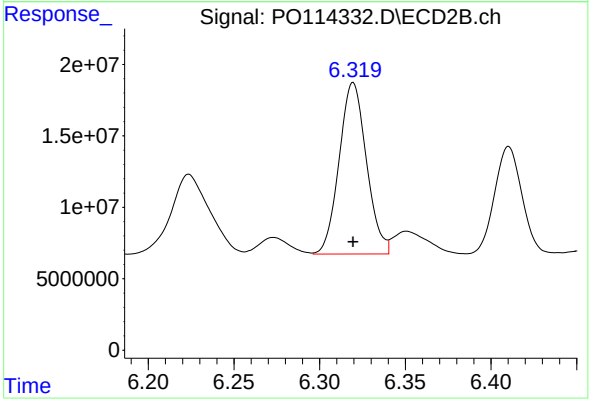
#28 AR-1254-3

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



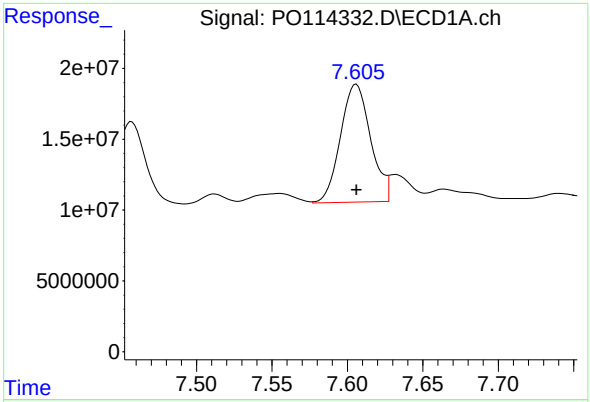
#29 AR-1254-4

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



#29 AR-1254-4

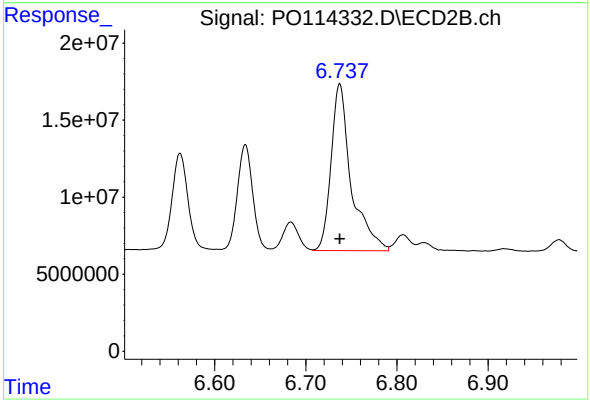
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 133249170
Conc: 500.00 ng/ml



#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)

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

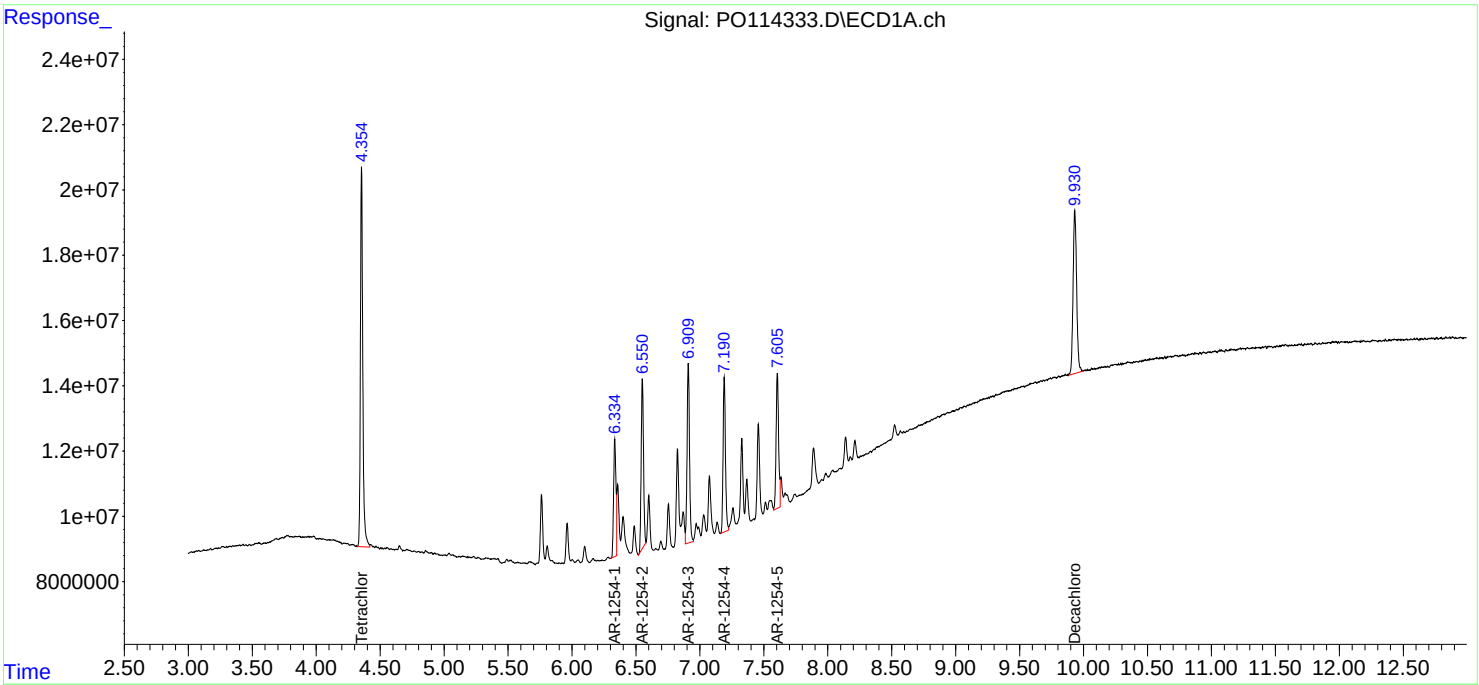
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

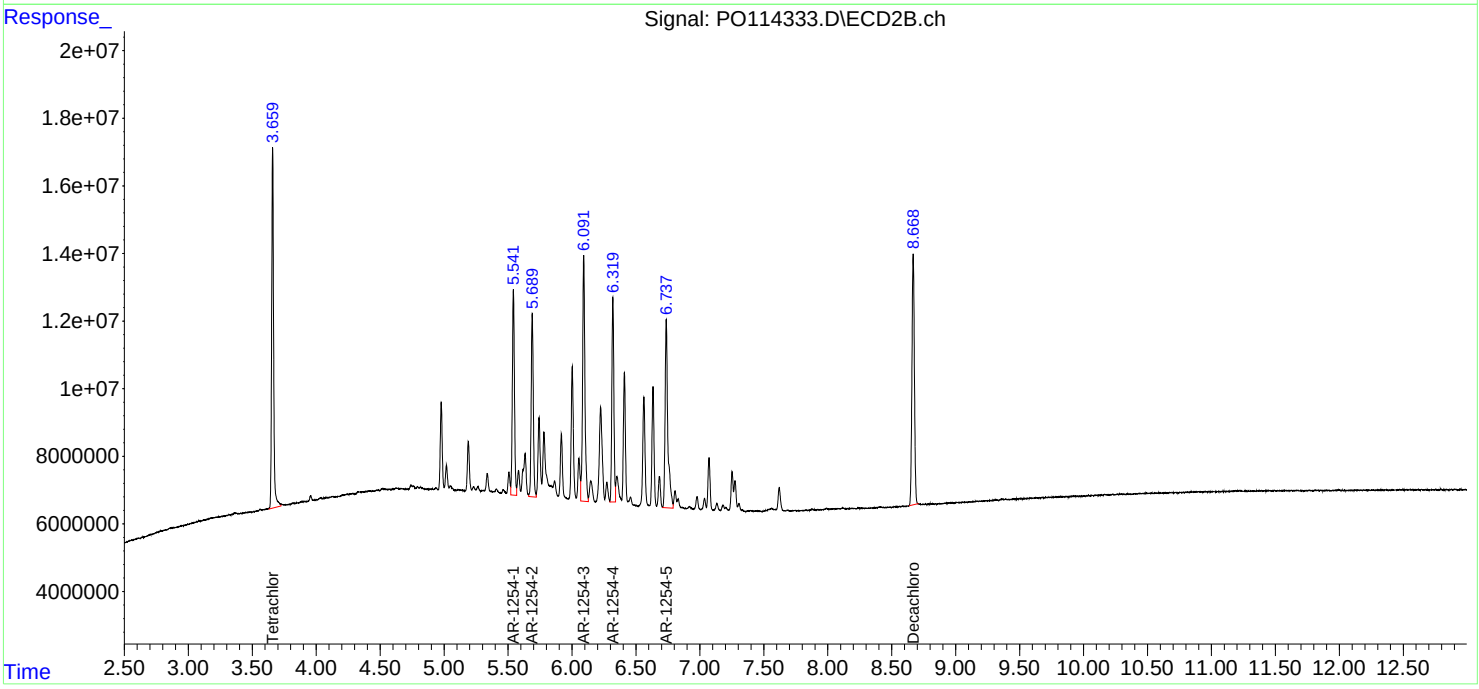
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:21
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

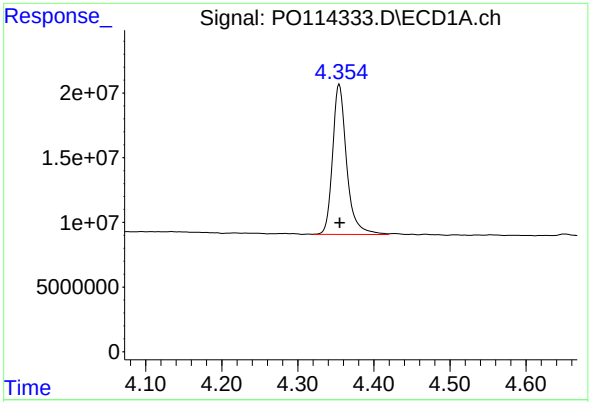
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

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



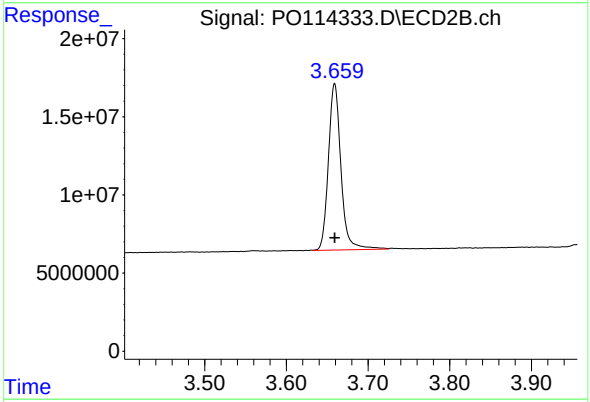




#1 Tetrachloro-m-xylene

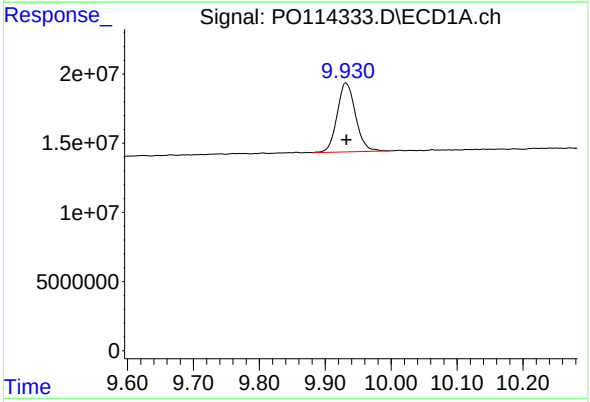
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 149022157
Conc: 24.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



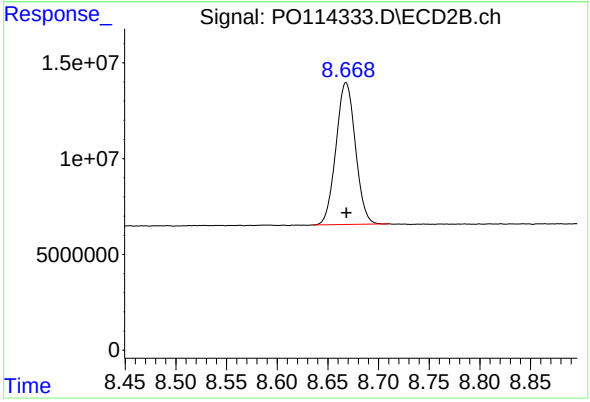
#1 Tetrachloro-m-xylene

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



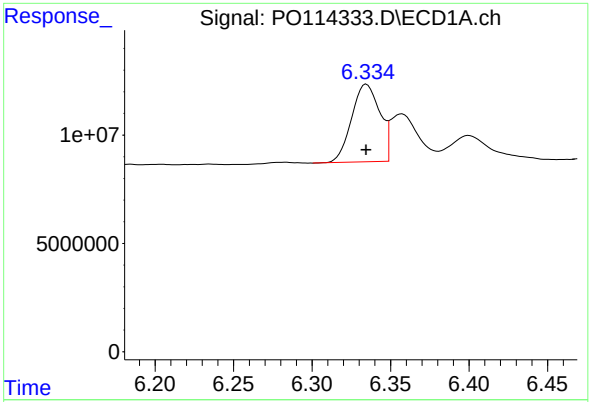
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

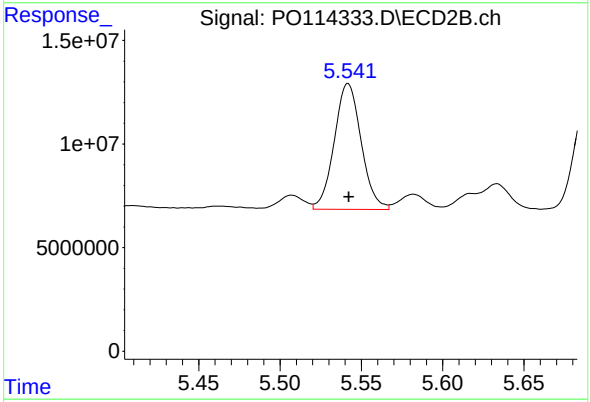
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 98728187
Conc: 25.15 ng/ml



#26 AR-1254-1

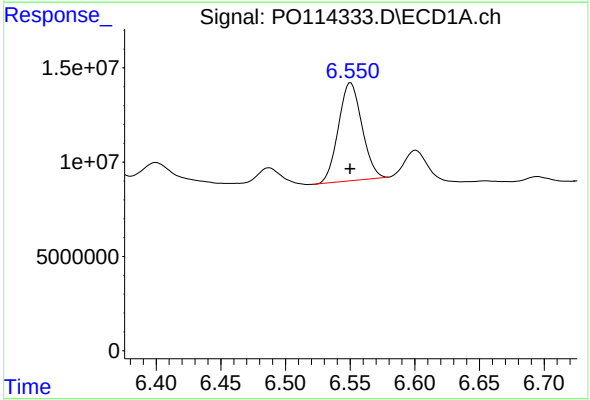
R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 44764883
Conc: 245.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



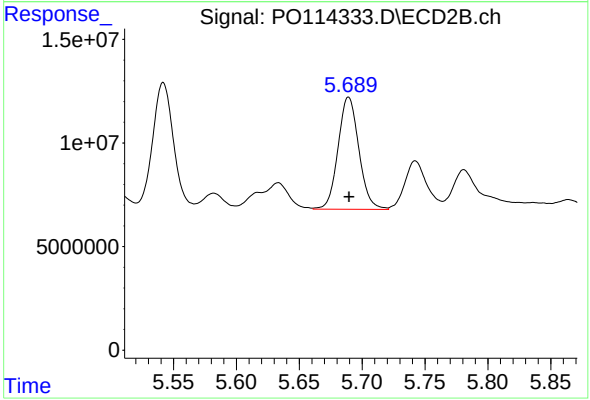
#26 AR-1254-1

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



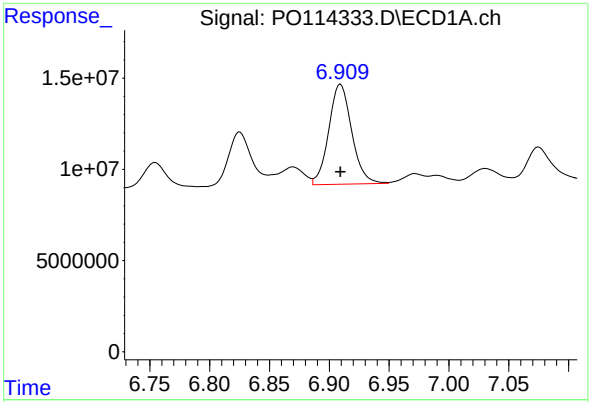
#27 AR-1254-2

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



#27 AR-1254-2

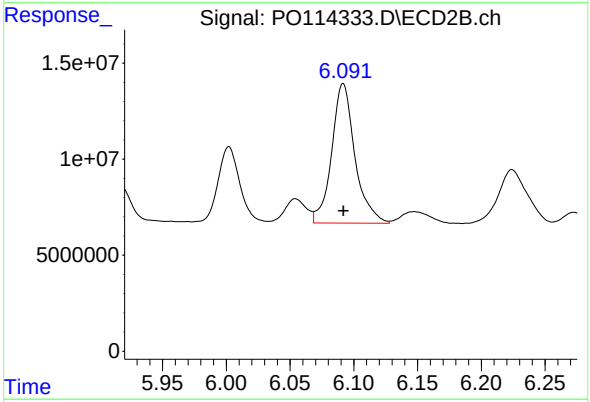
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 62387770
Conc: 260.77 ng/ml



#28 AR-1254-3

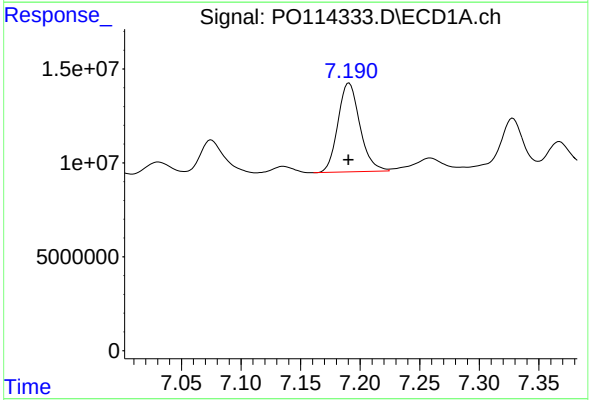
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 73435388
Conc: 250.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



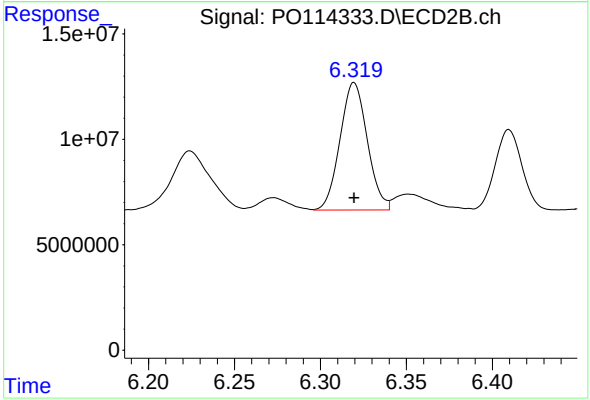
#28 AR-1254-3

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



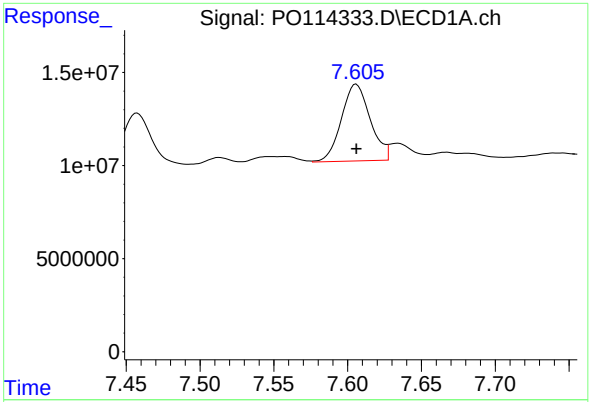
#29 AR-1254-4

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



#29 AR-1254-4

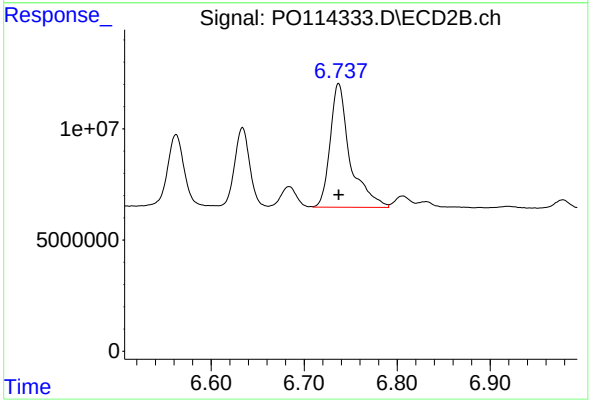
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 66874748
Conc: 250.94 ng/ml



#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)

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

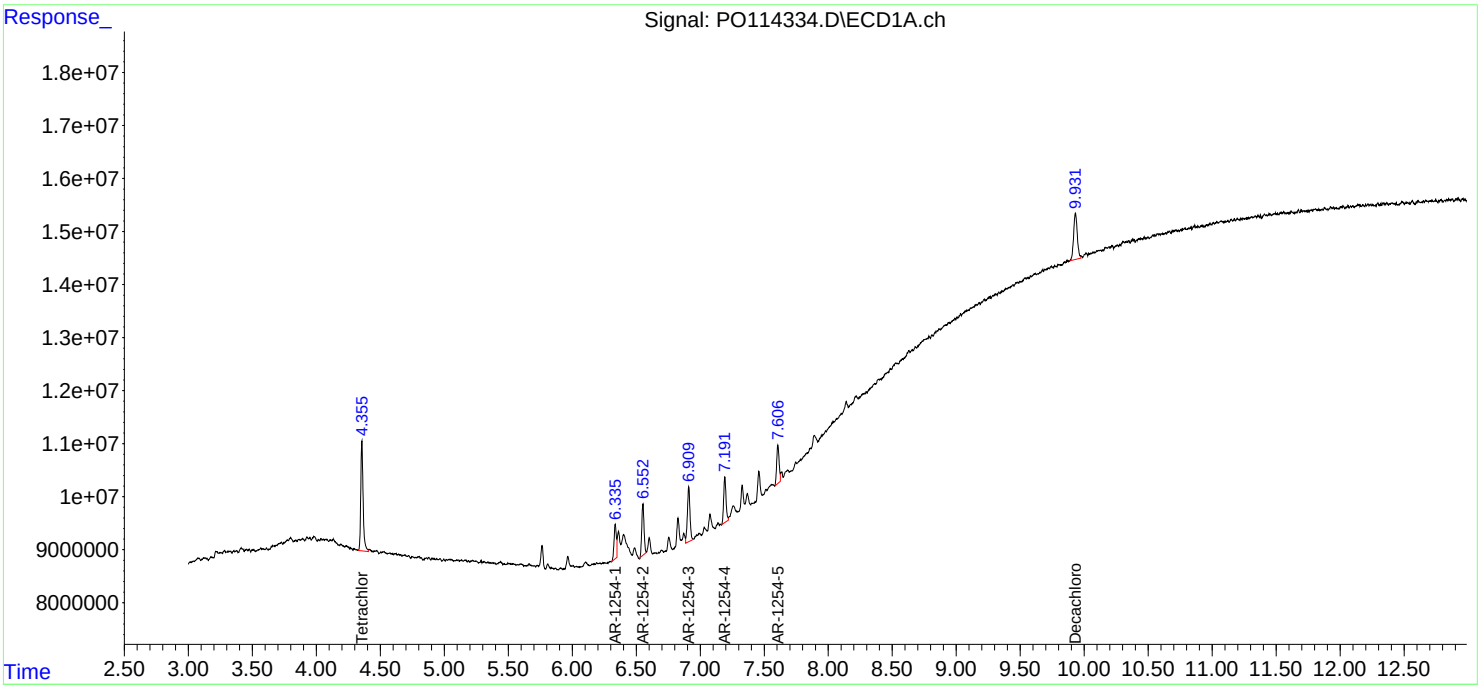
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

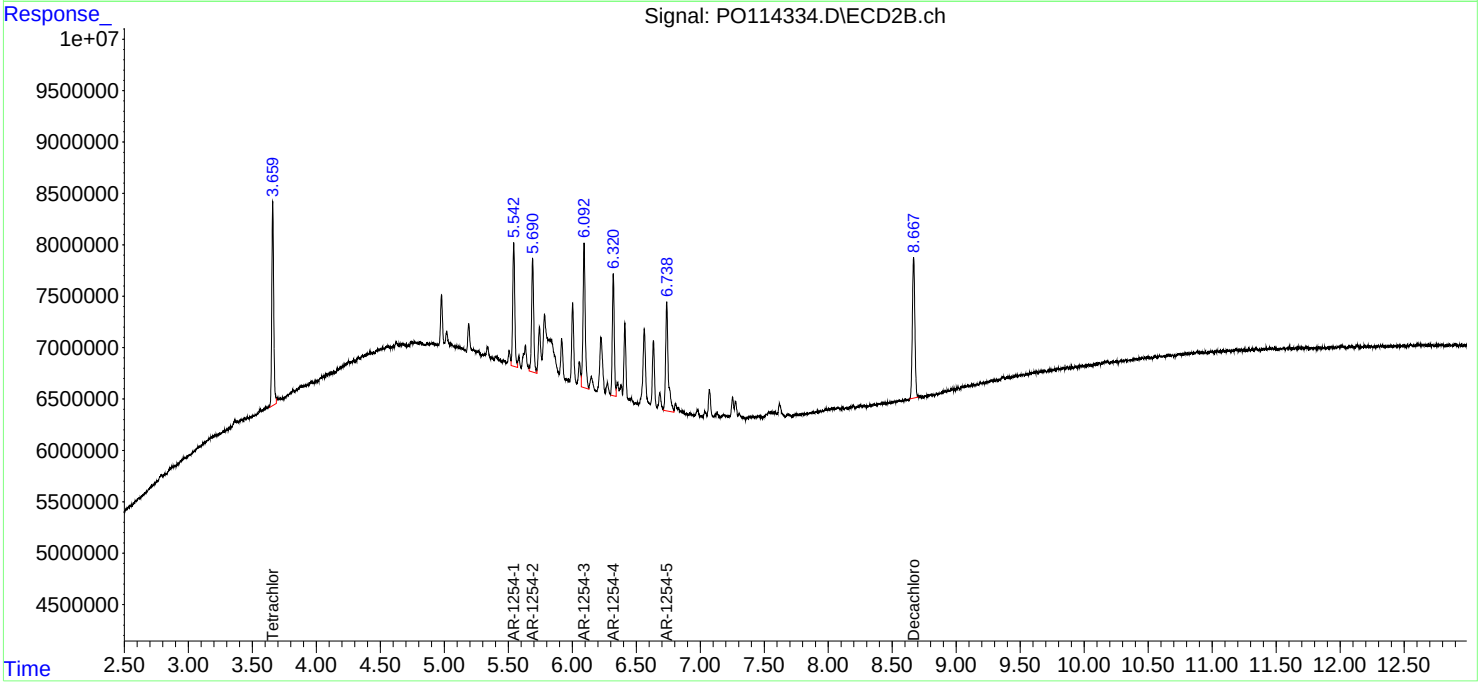
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:39
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

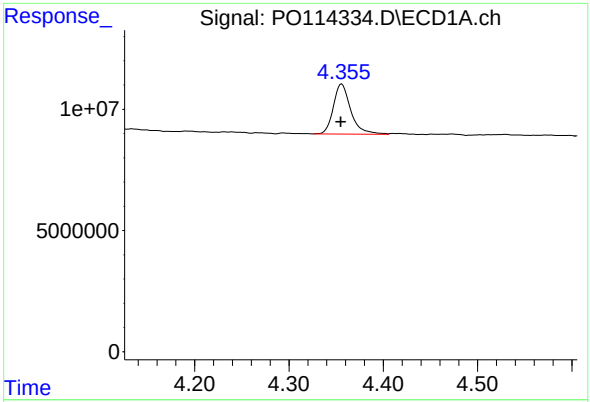
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

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



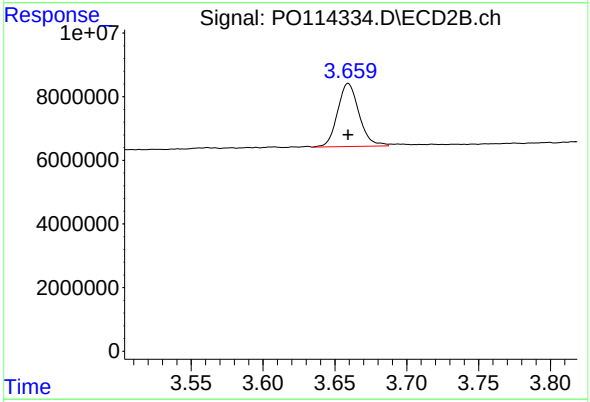




#1 Tetrachloro-m-xylene

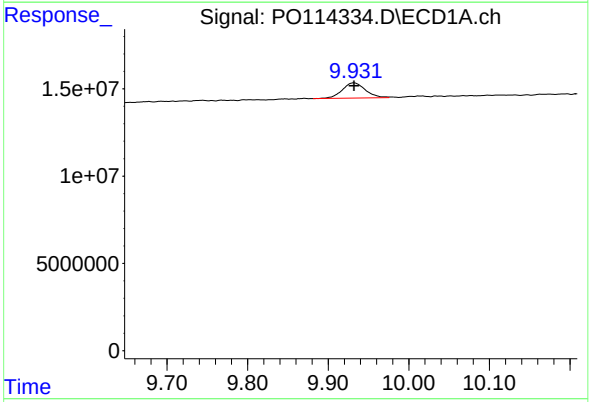
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 26494210
Conc: 4.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



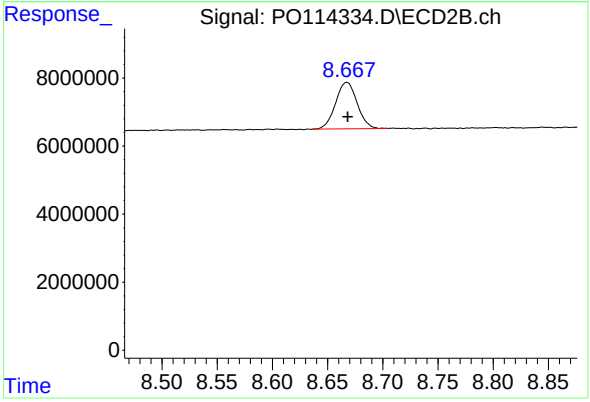
#1 Tetrachloro-m-xylene

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



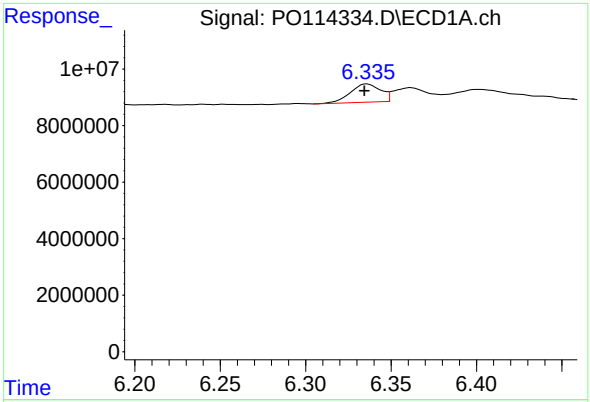
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

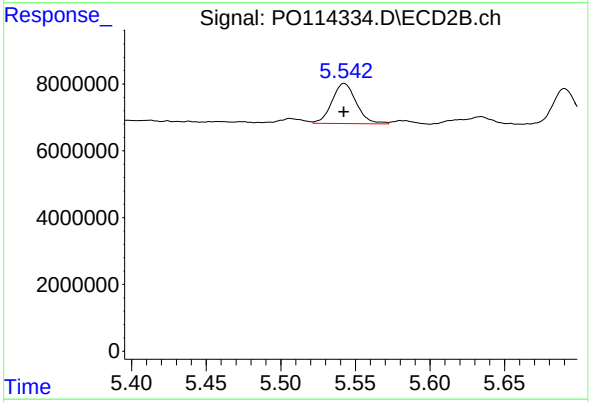
R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 18571929
Conc: 4.73 ng/ml



#26 AR-1254-1

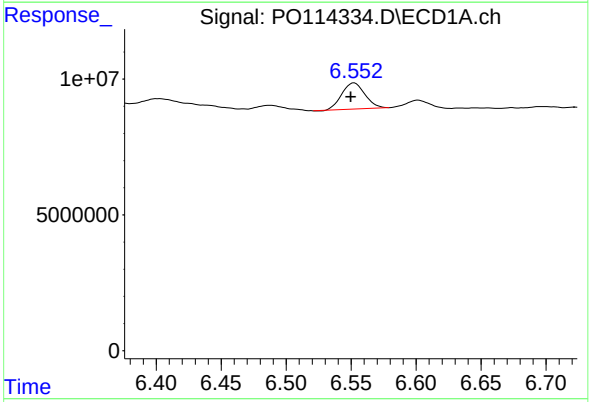
R.T.: 6.336 min
Delta R.T.: 0.001 min
Response: 7937735
Conc: 43.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



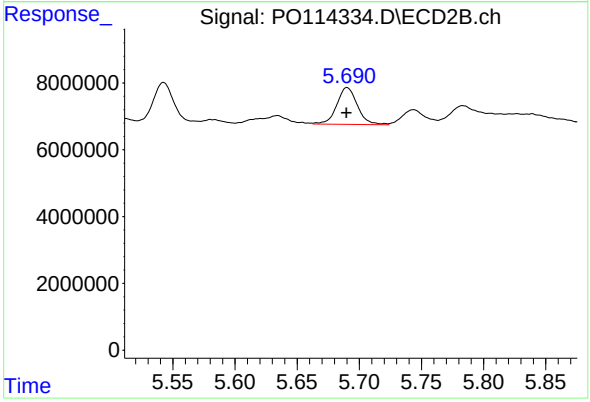
#26 AR-1254-1

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



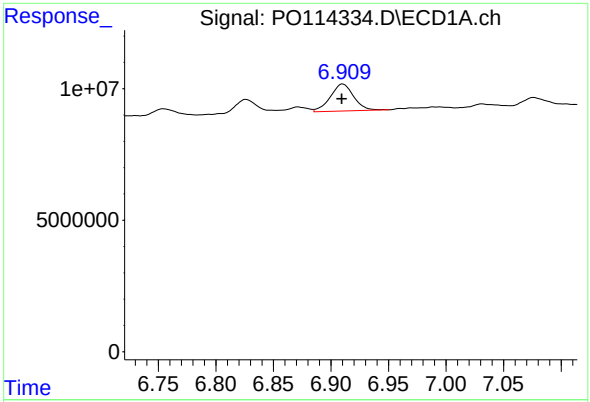
#27 AR-1254-2

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



#27 AR-1254-2

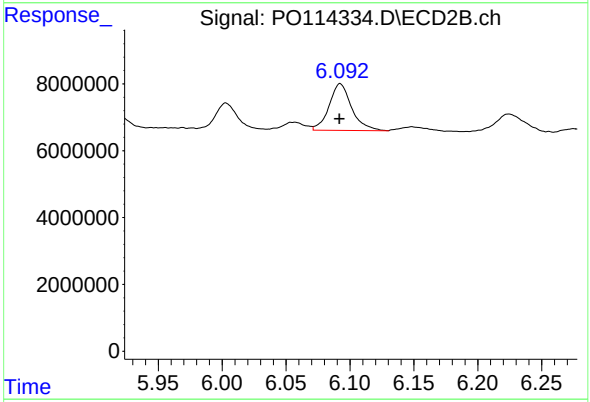
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 12711316
Conc: 53.13 ng/ml



#28 AR-1254-3

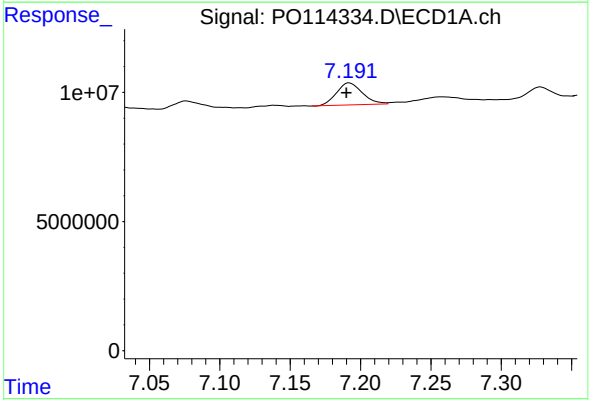
R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 14527805
Conc: 49.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



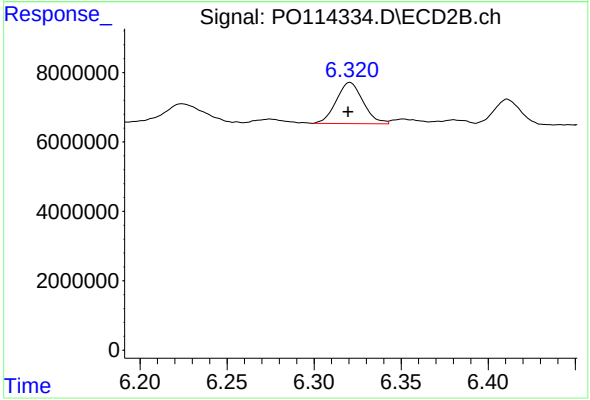
#28 AR-1254-3

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



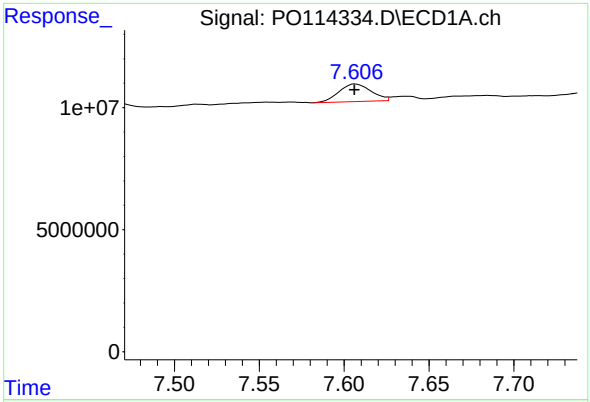
#29 AR-1254-4

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



#29 AR-1254-4

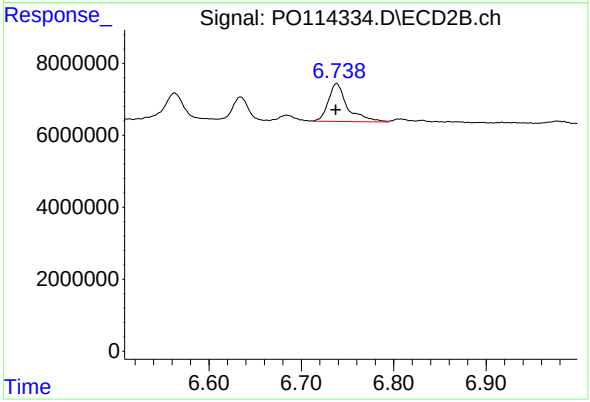
R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 12675430
Conc: 47.56 ng/ml



#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)

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

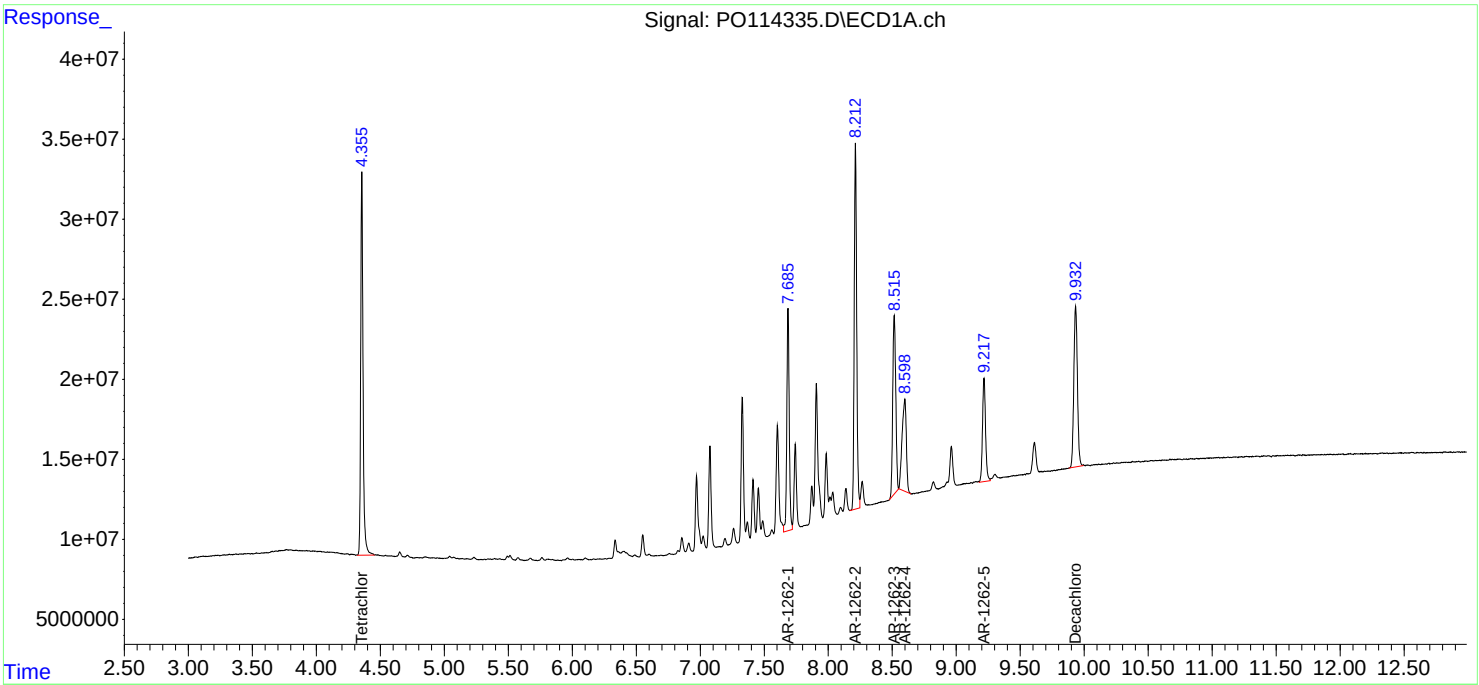
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

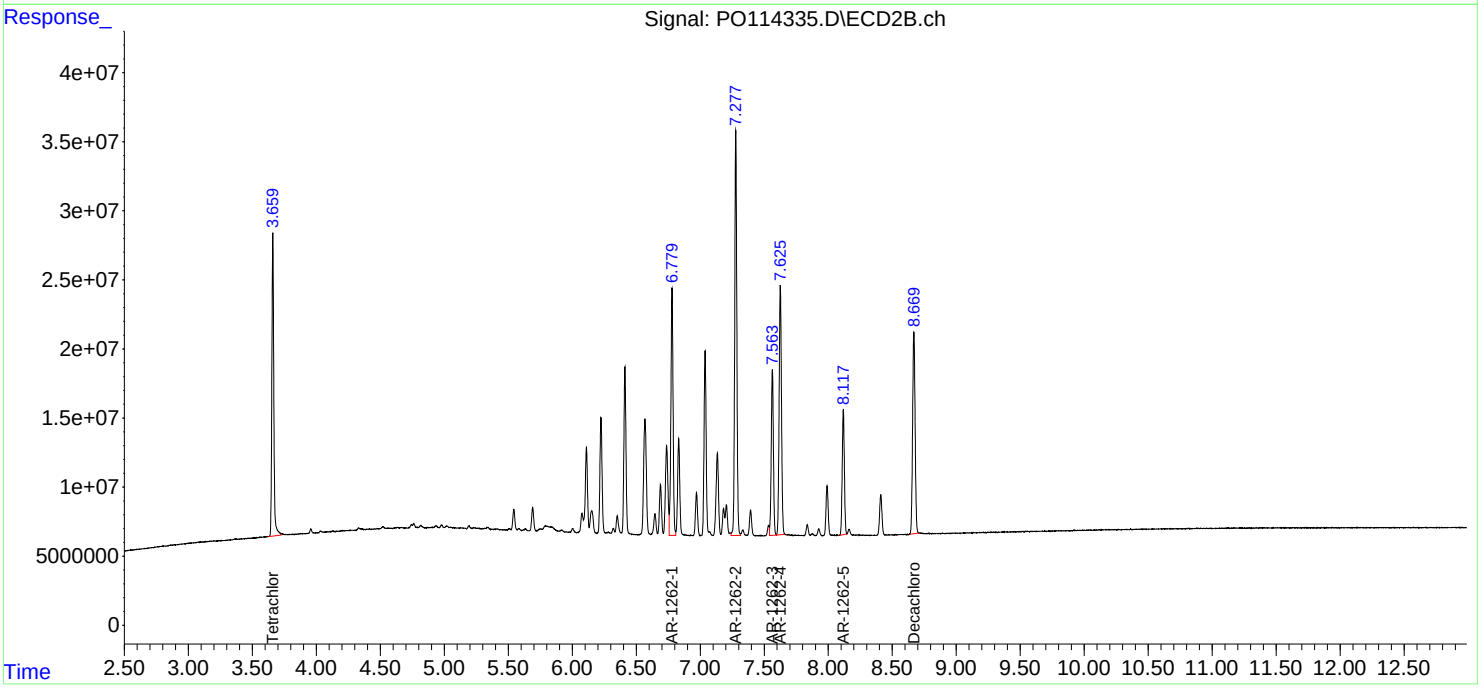
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:57
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

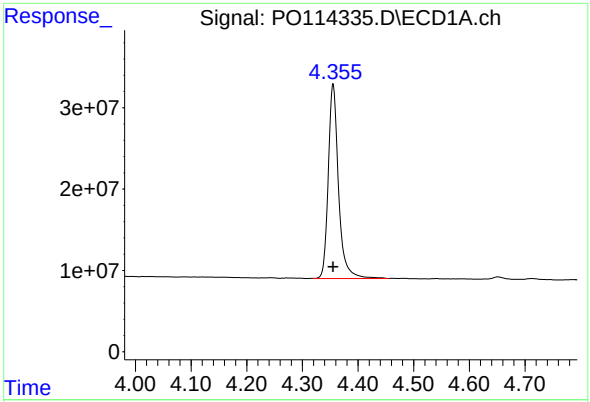
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

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



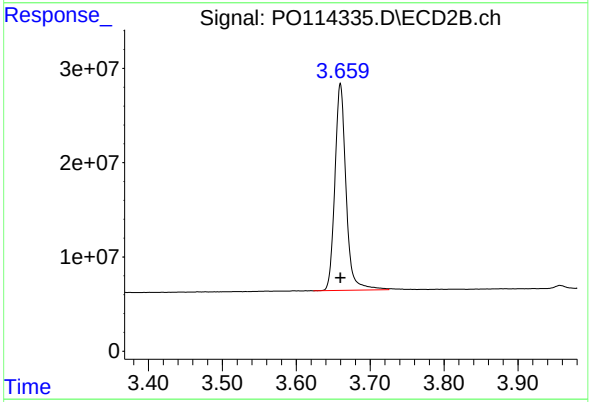




#1 Tetrachloro-m-xylene

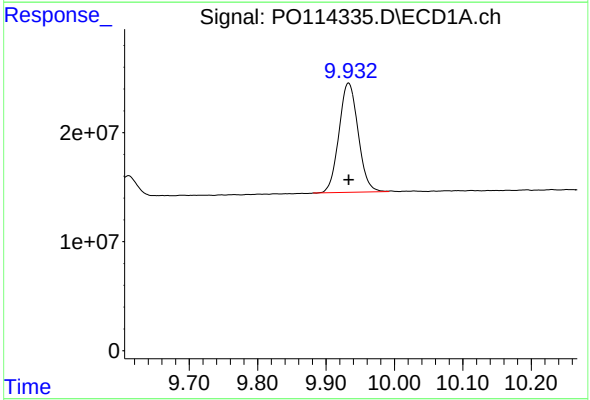
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 305663090
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



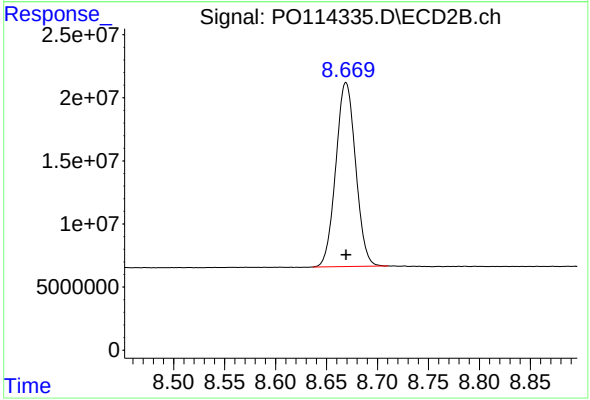
#1 Tetrachloro-m-xylene

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



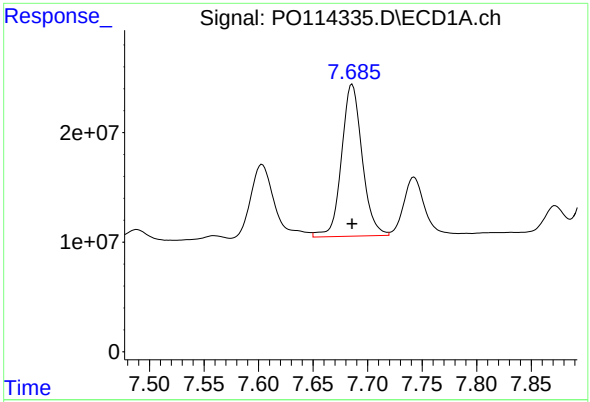
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

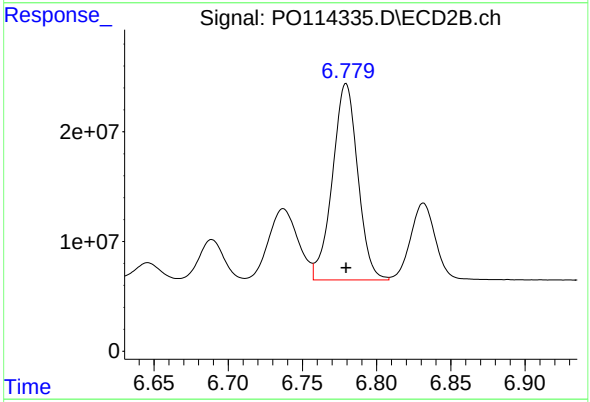
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 197436445
Conc: 50.00 ng/ml



#36 AR-1262-1

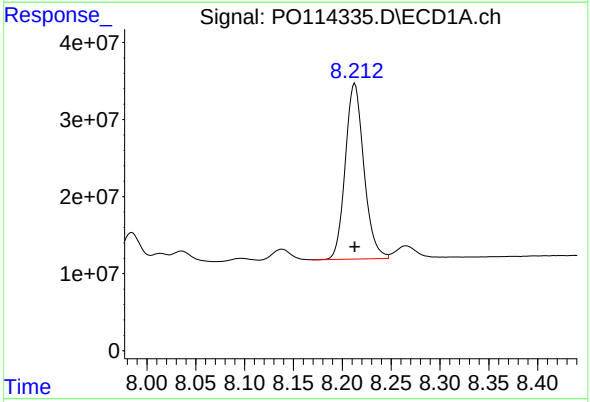
R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 182605667
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



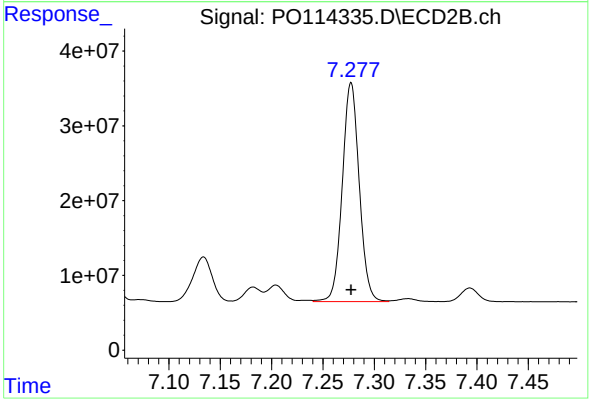
#36 AR-1262-1

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



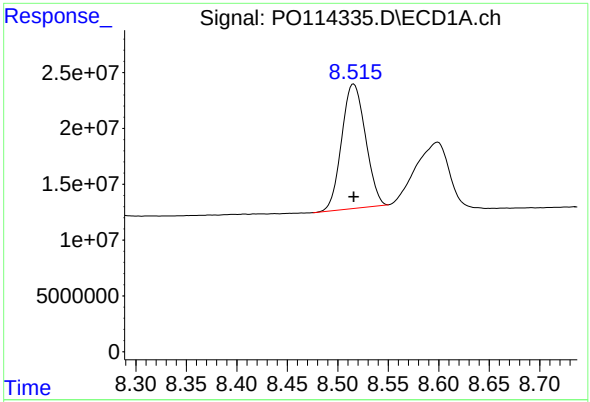
#37 AR-1262-2

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



#37 AR-1262-2

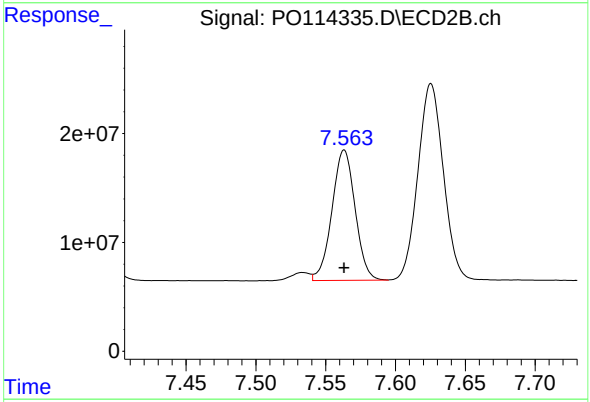
R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 336739178
Conc: 500.00 ng/ml



#38 AR-1262-3

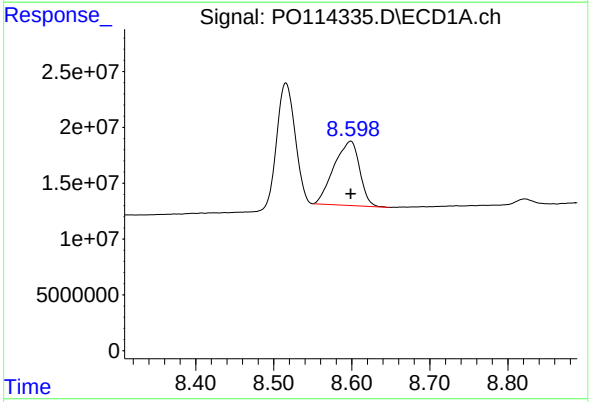
R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 182723850
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



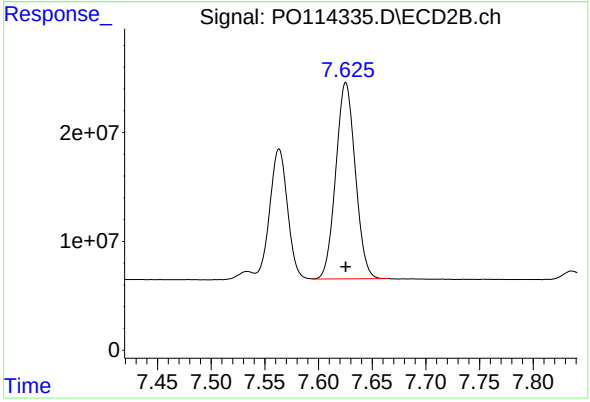
#38 AR-1262-3

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



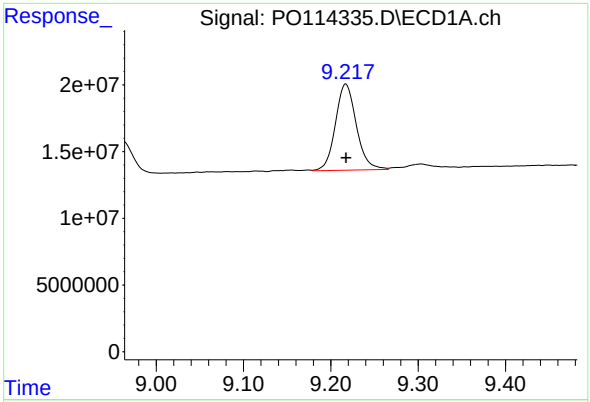
#39 AR-1262-4

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



#39 AR-1262-4

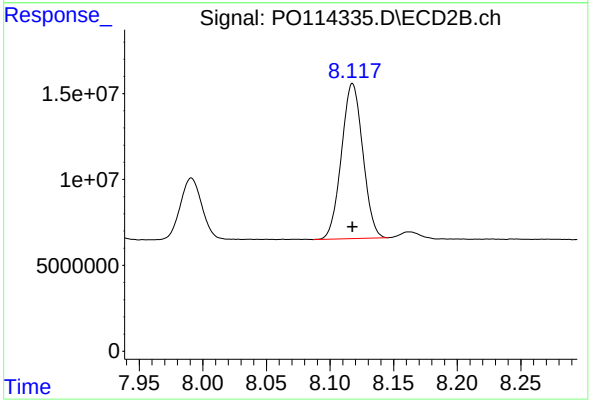
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 228265169
Conc: 500.00 ng/ml



#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)

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

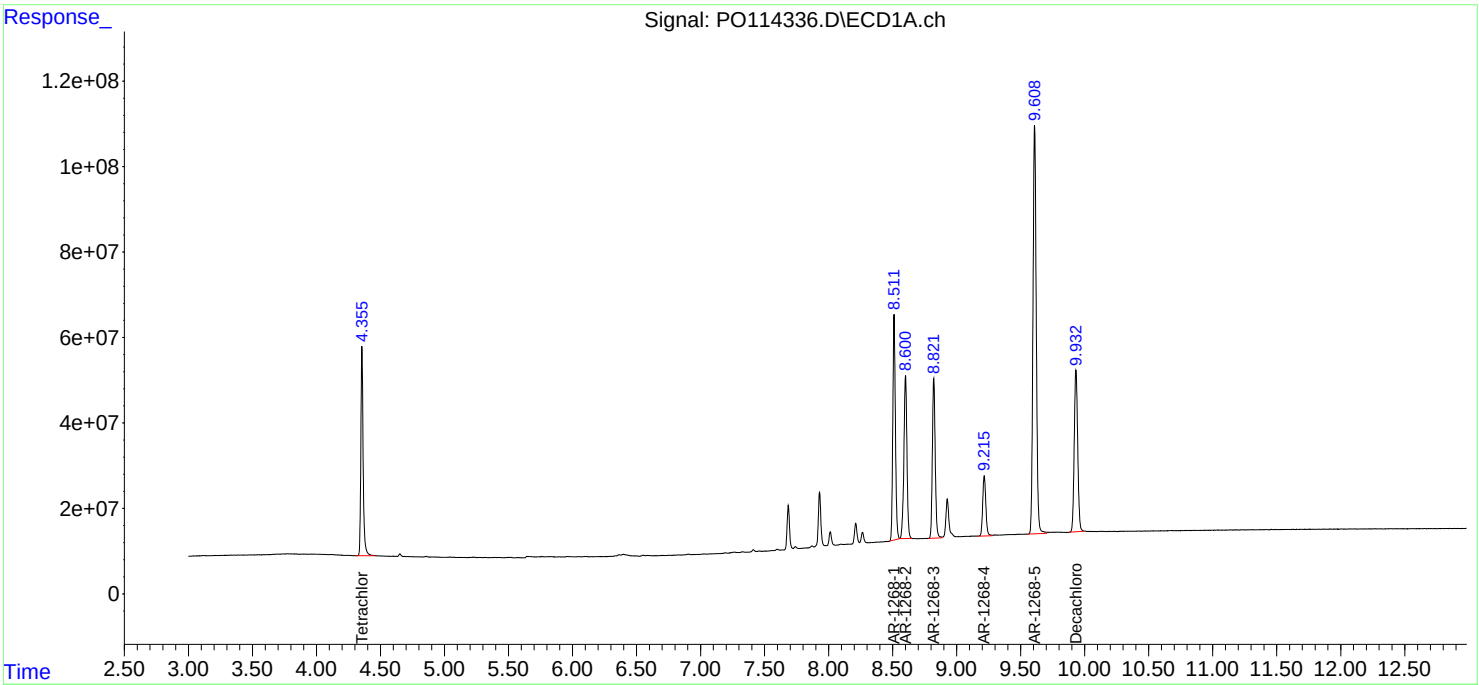
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

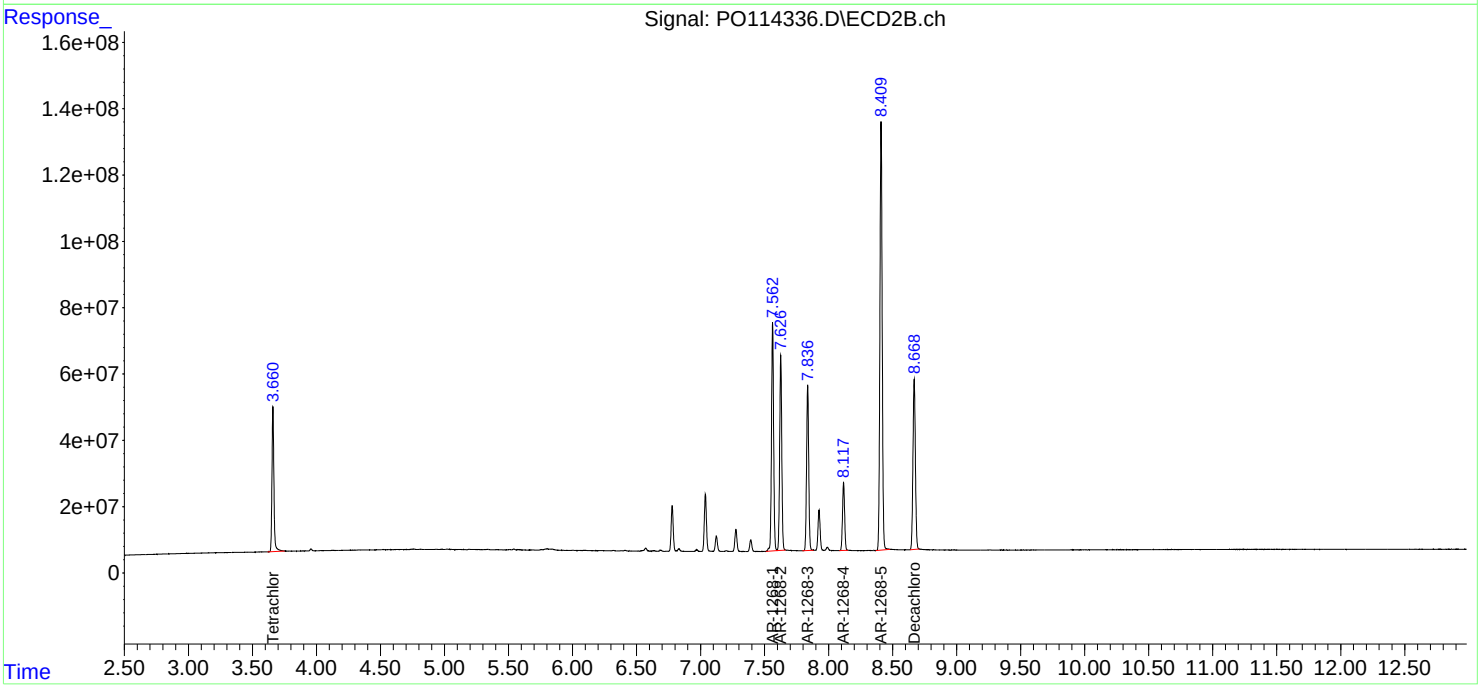
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:16
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

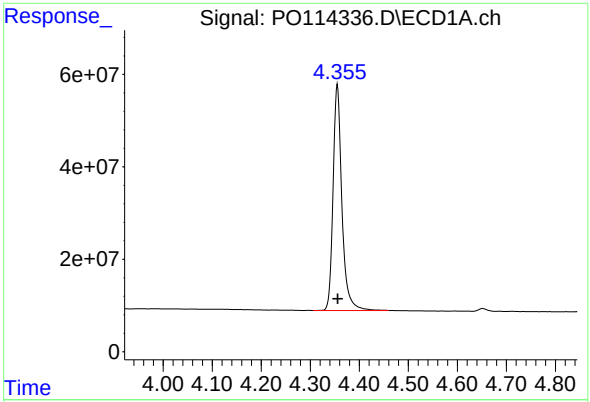
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

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



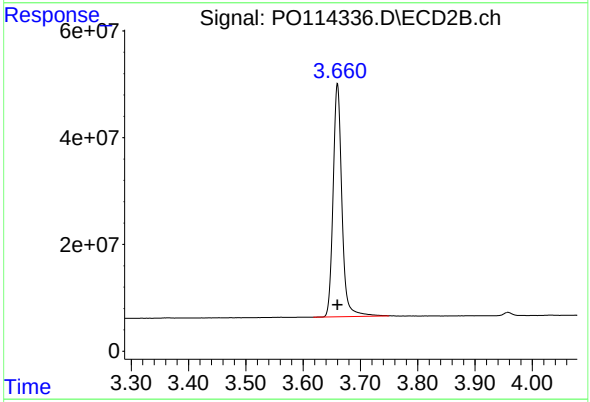




#1 Tetrachloro-m-xylene

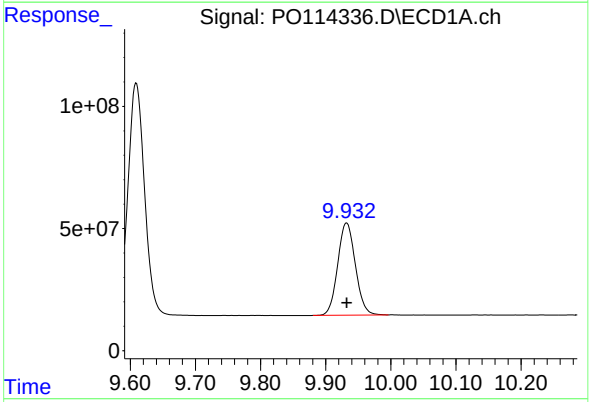
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 613167788
Conc: 96.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



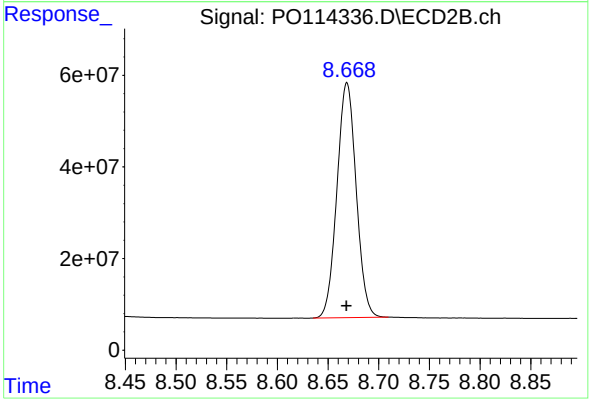
#1 Tetrachloro-m-xylene

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



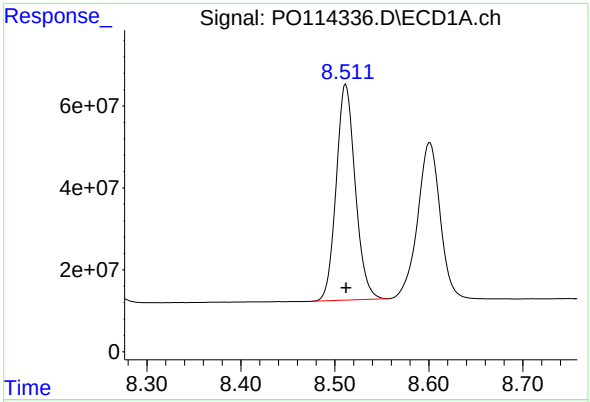
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

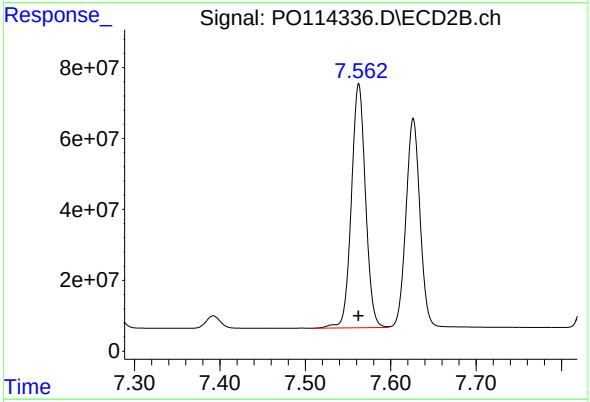
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 677067571
Conc: 94.59 ng/ml



#41 AR-1268-1

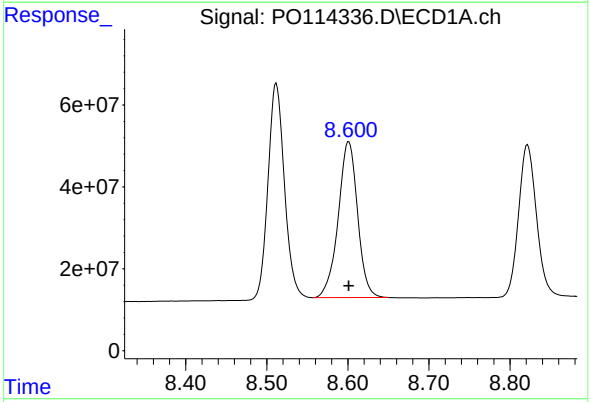
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 742630944
Conc: 983.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



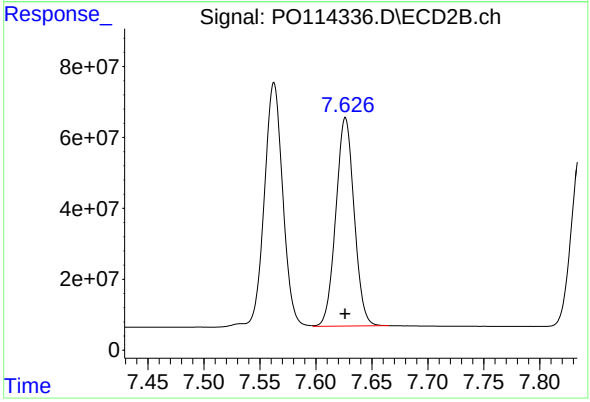
#41 AR-1268-1

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



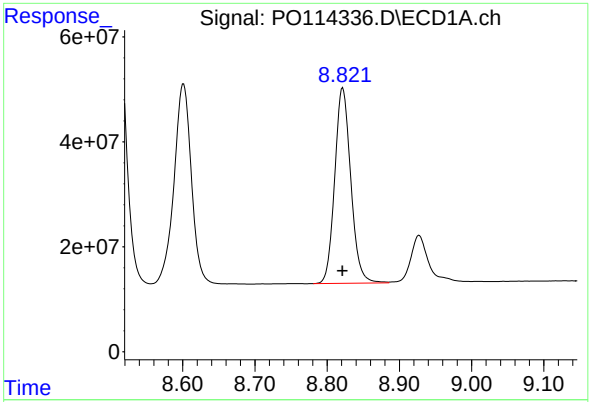
#42 AR-1268-2

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



#42 AR-1268-2

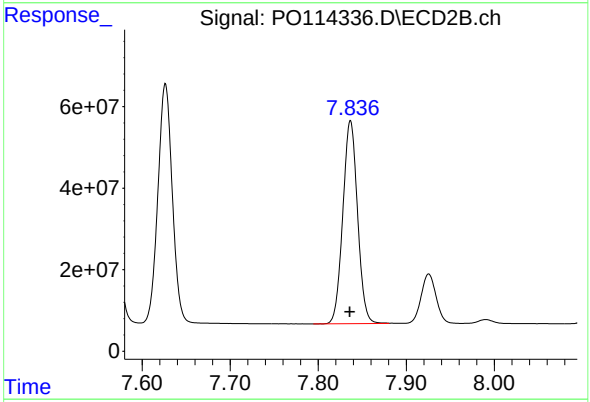
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 668389064
Conc: 959.84 ng/ml



#43 AR-1268-3

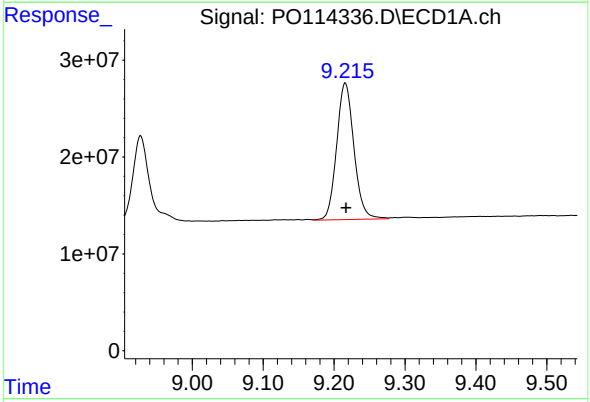
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 576556870
Conc: 983.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



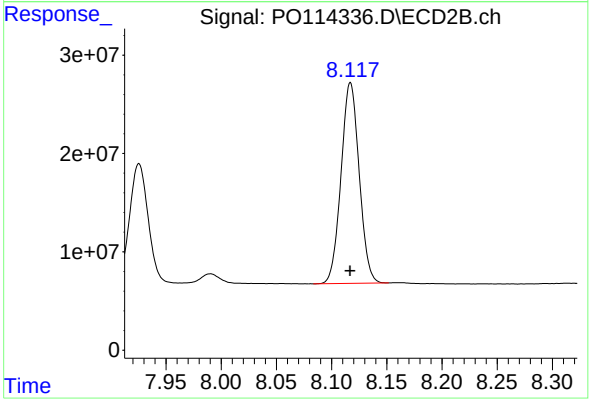
#43 AR-1268-3

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



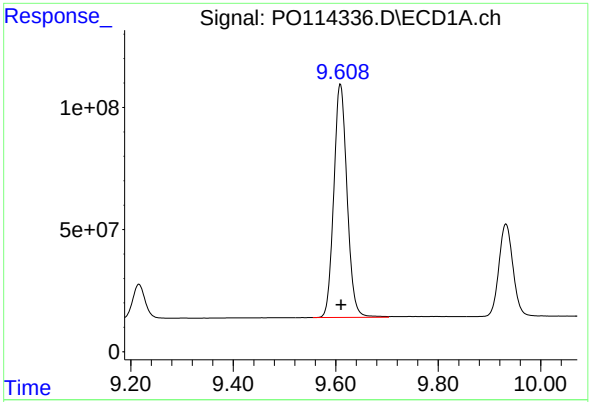
#44 AR-1268-4

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



#44 AR-1268-4

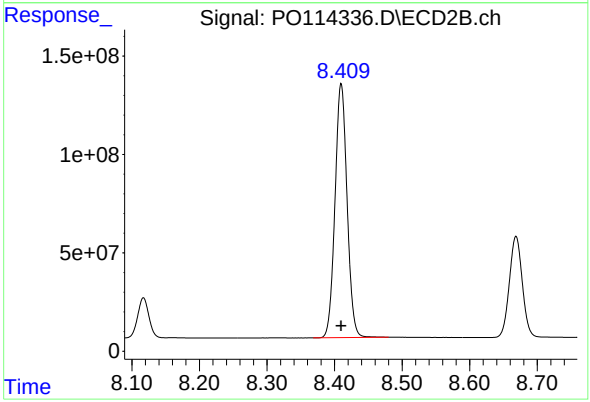
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 233329938
Conc: 954.97 ng/ml



#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)

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

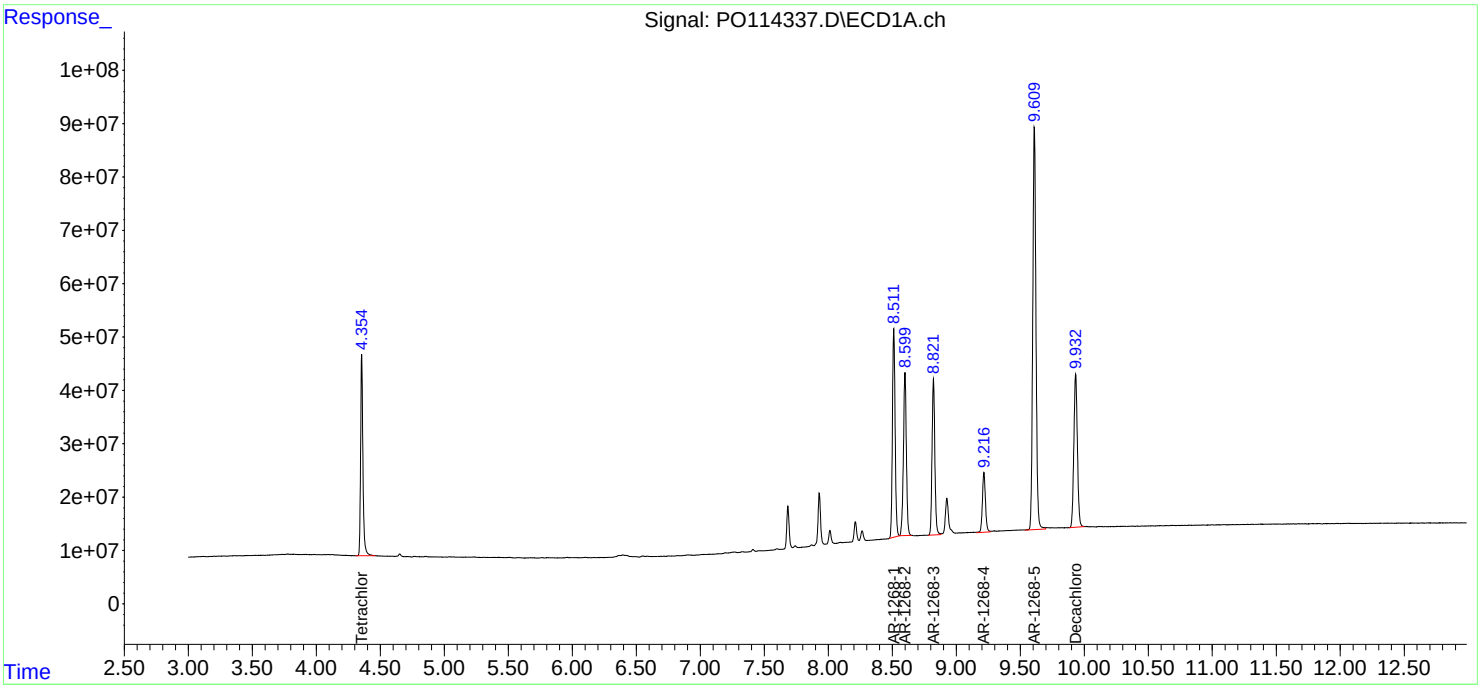
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

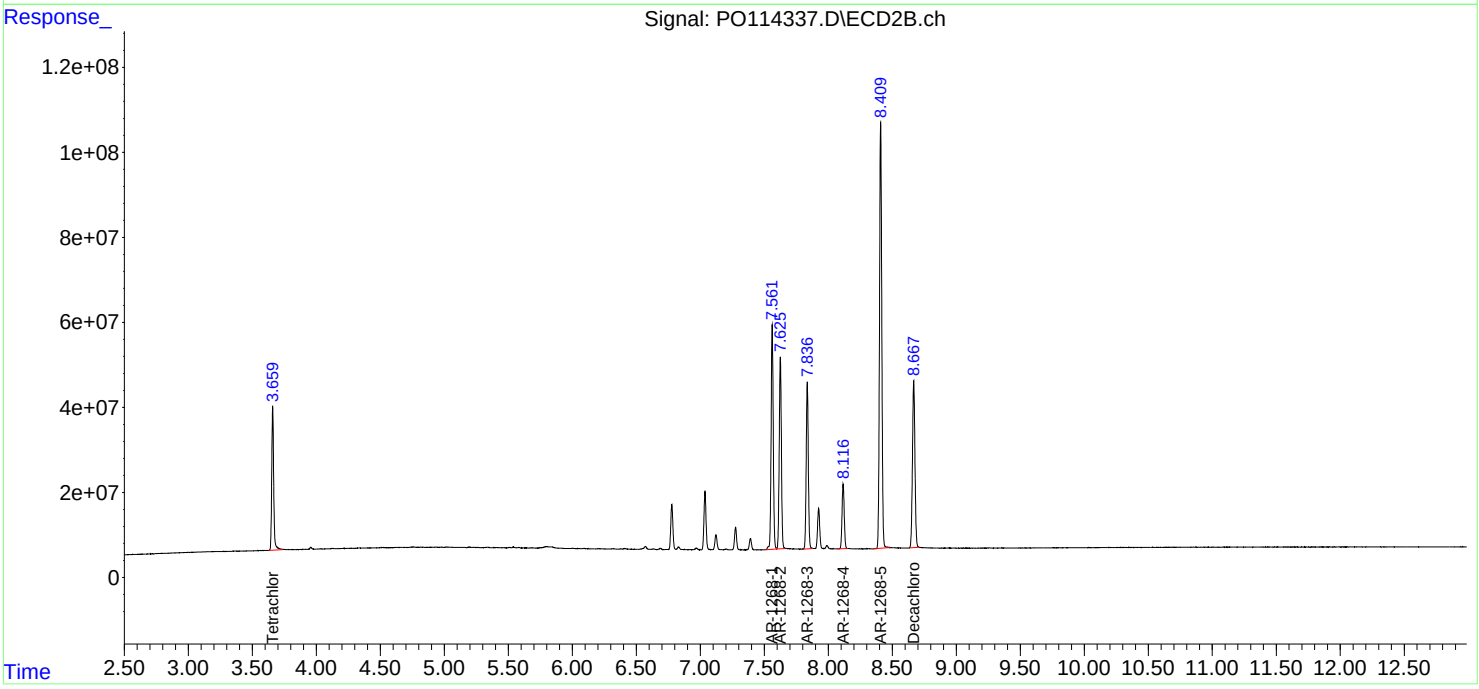
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:34
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

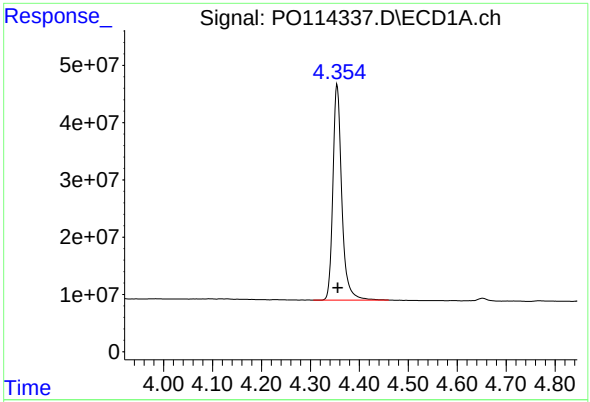
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

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



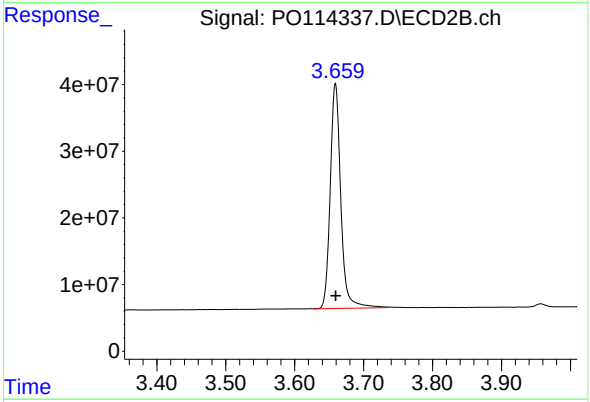




#1 Tetrachloro-m-xylene

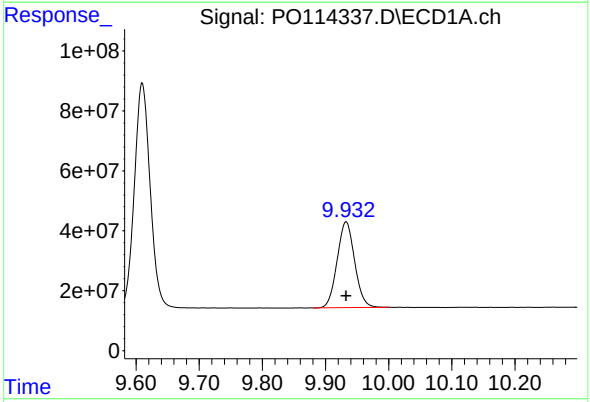
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 475398708
Conc: 75.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



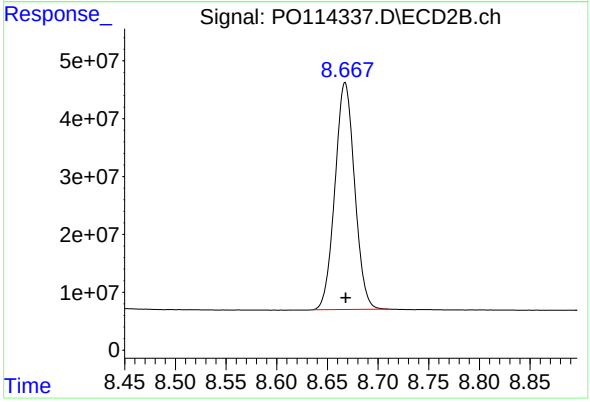
#1 Tetrachloro-m-xylene

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



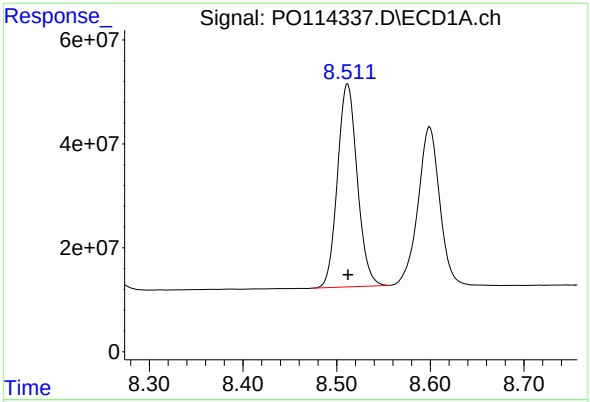
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

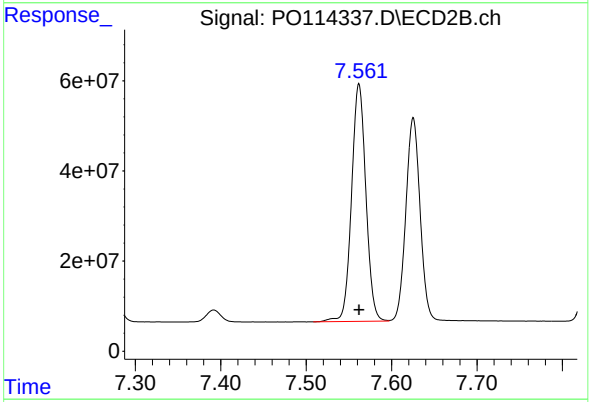
R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 530465668
Conc: 74.11 ng/ml



#41 AR-1268-1

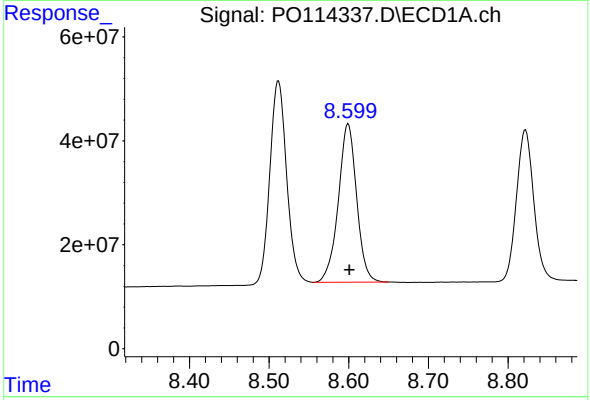
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 572285871
Conc: 757.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



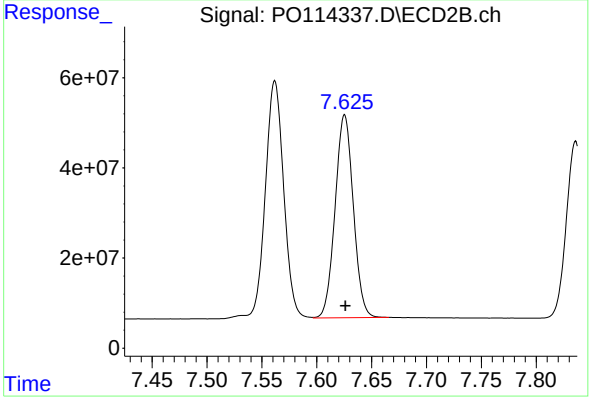
#41 AR-1268-1

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



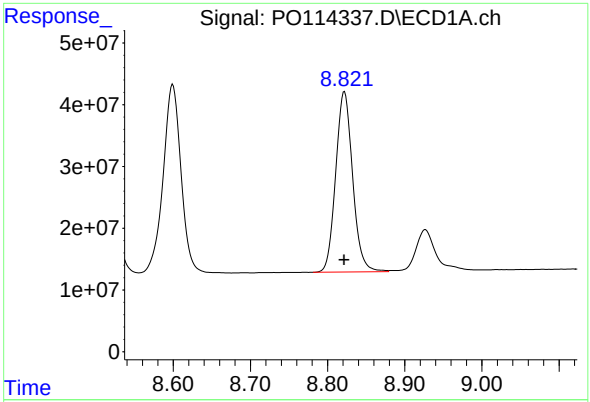
#42 AR-1268-2

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



#42 AR-1268-2

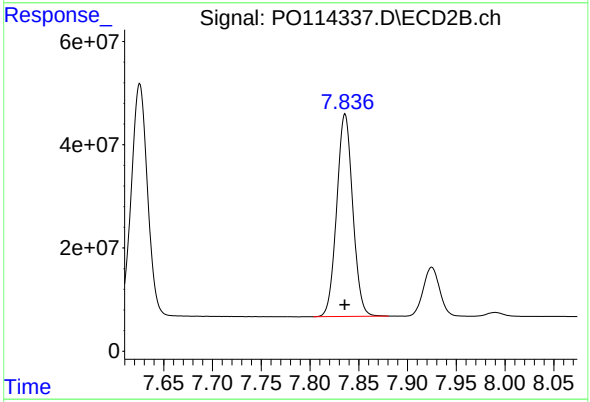
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 520278380
Conc: 747.14 ng/ml



#43 AR-1268-3

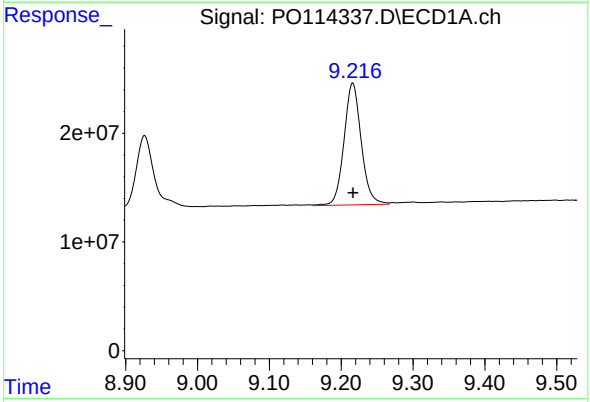
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 445178352
Conc: 759.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



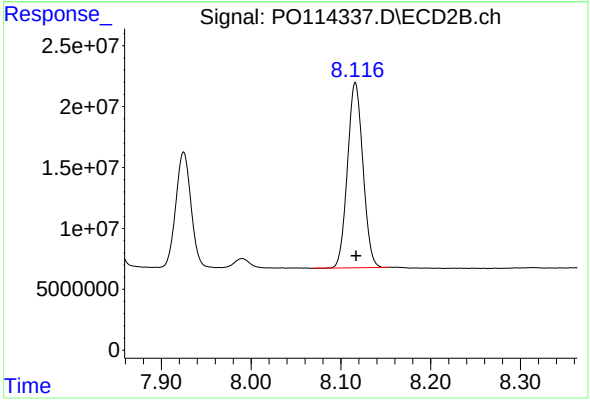
#43 AR-1268-3

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



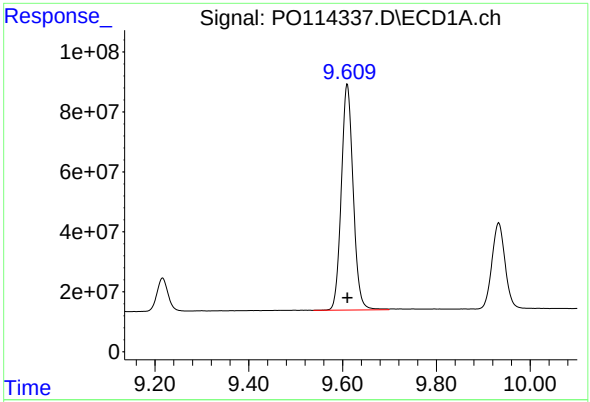
#44 AR-1268-4

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



#44 AR-1268-4

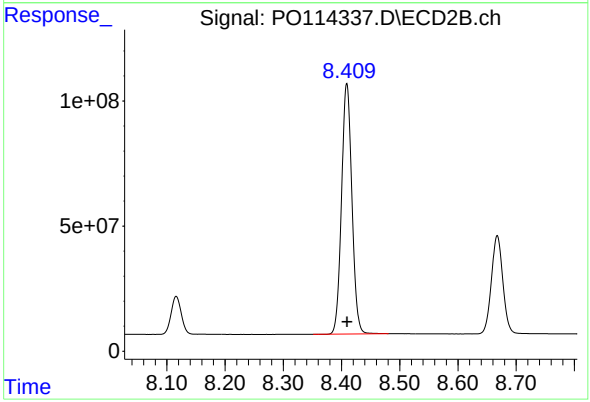
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 182306479
Conc: 746.14 ng/ml



#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)

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

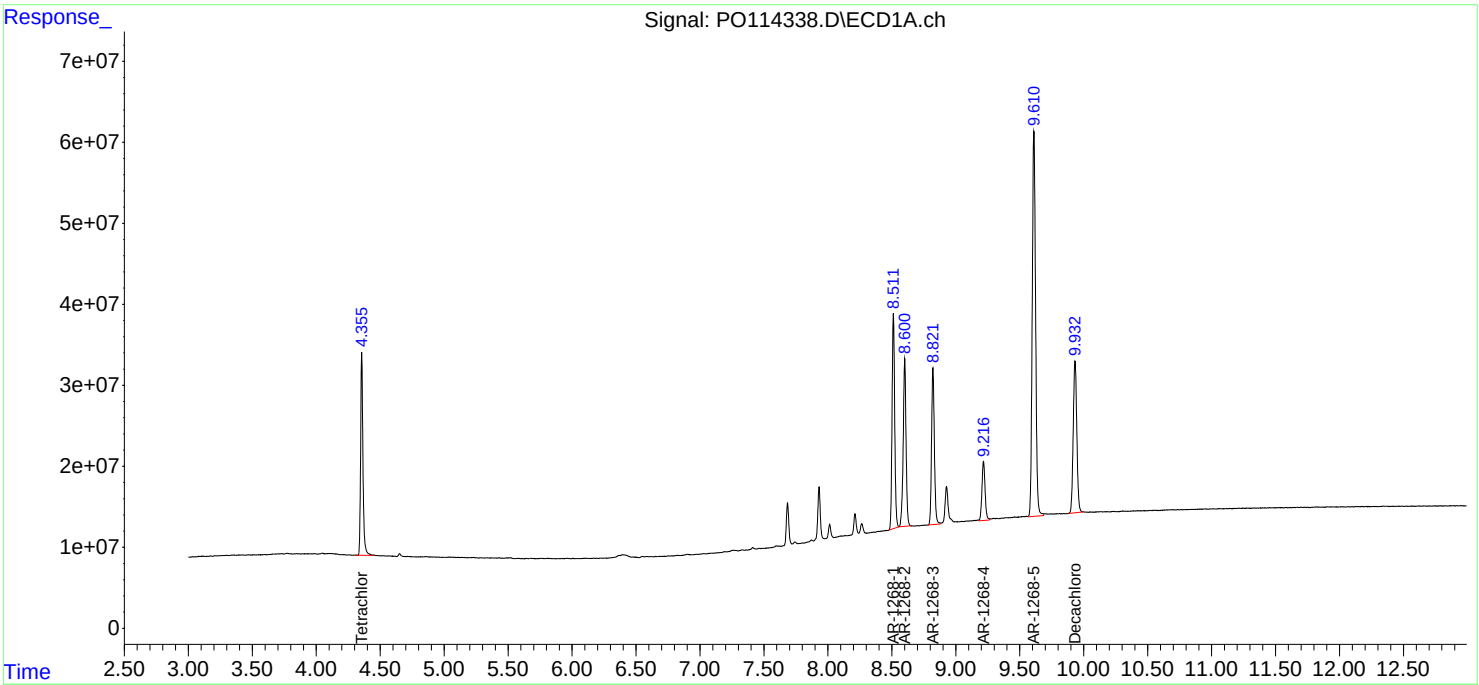
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

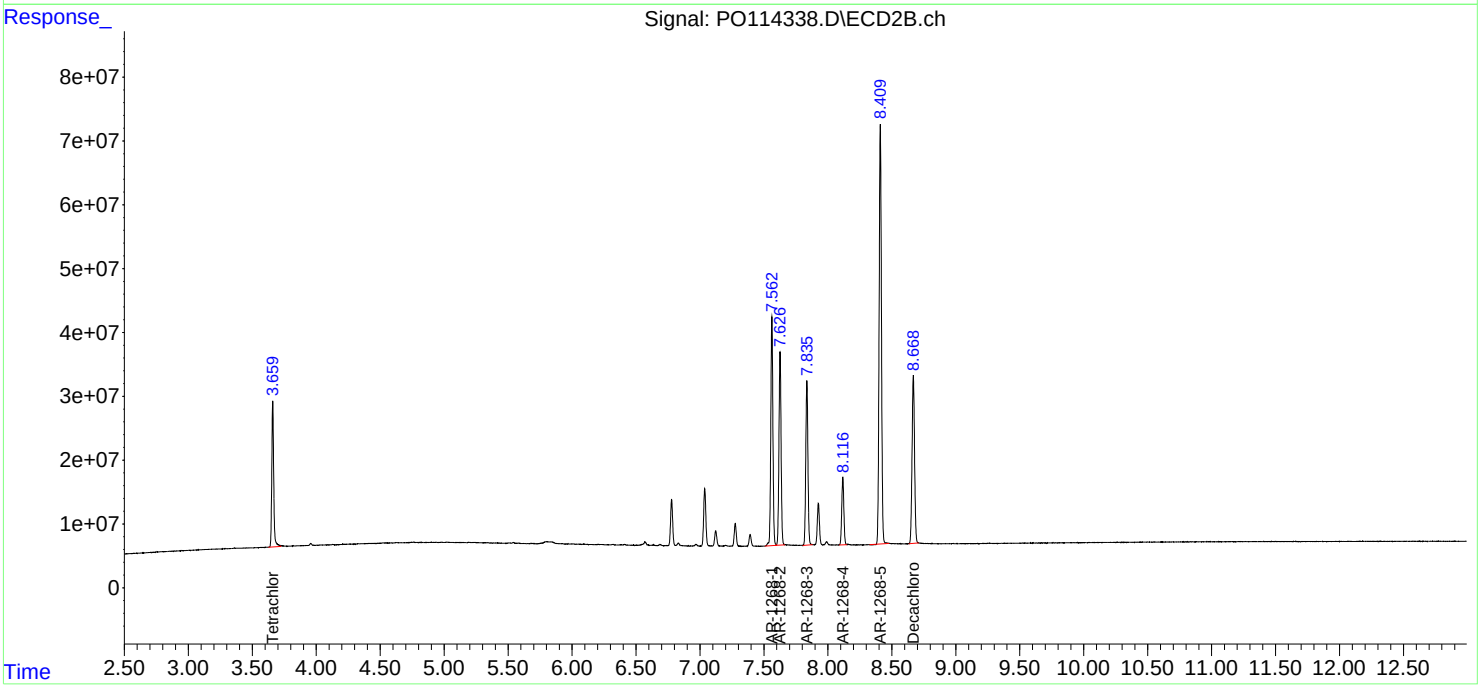
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:52
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

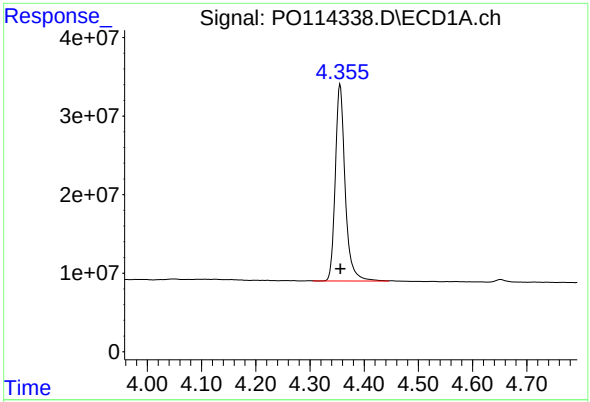
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

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



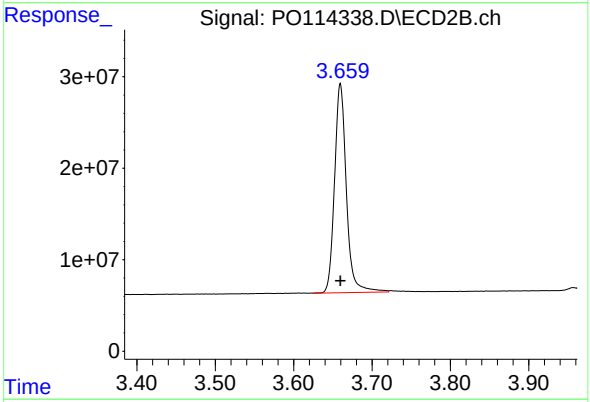




#1 Tetrachloro-m-xylene

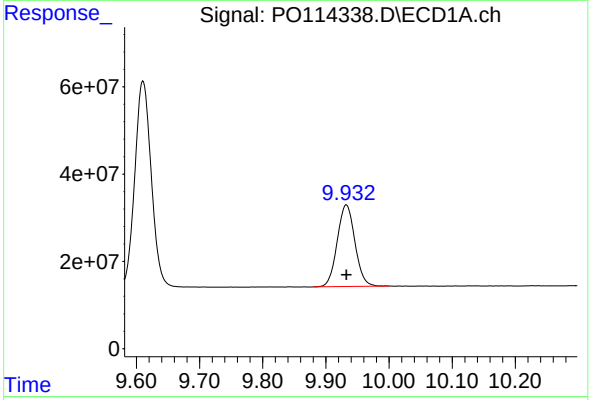
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 316088365
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



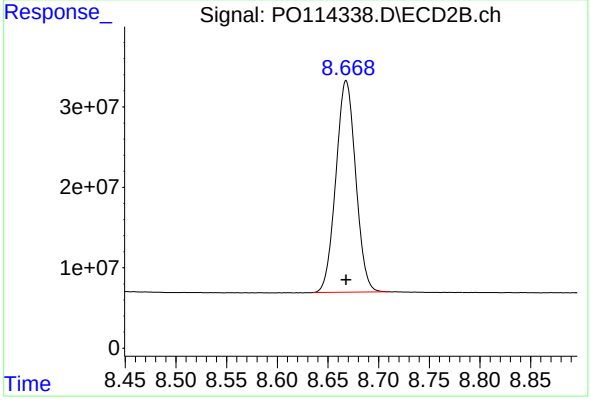
#1 Tetrachloro-m-xylene

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



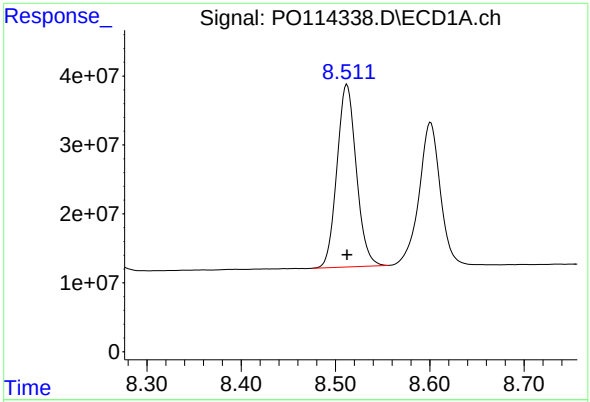
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

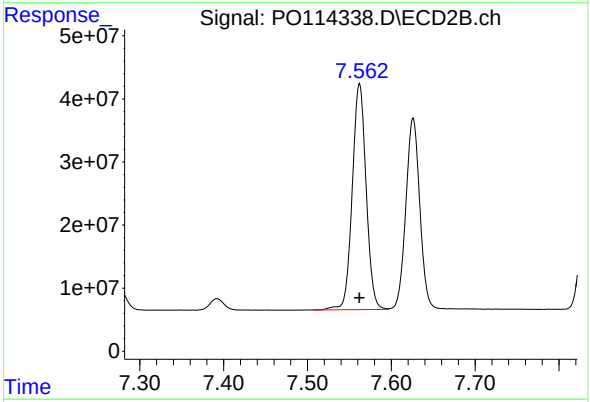
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 357908937
Conc: 50.00 ng/ml



#41 AR-1268-1

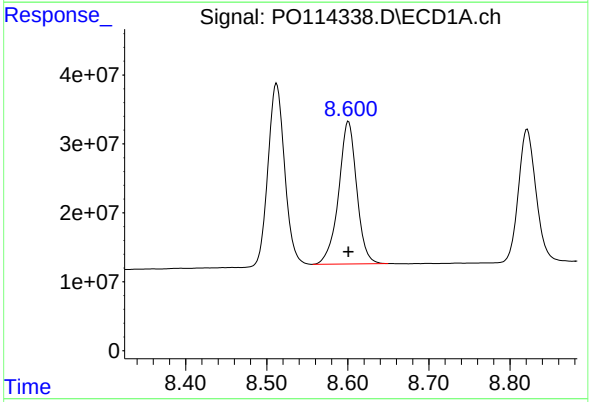
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 377524689
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



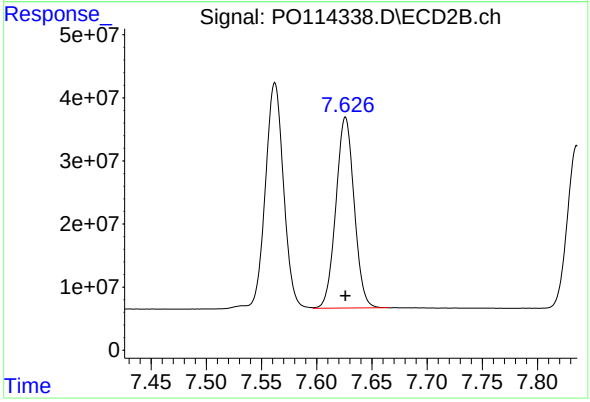
#41 AR-1268-1

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



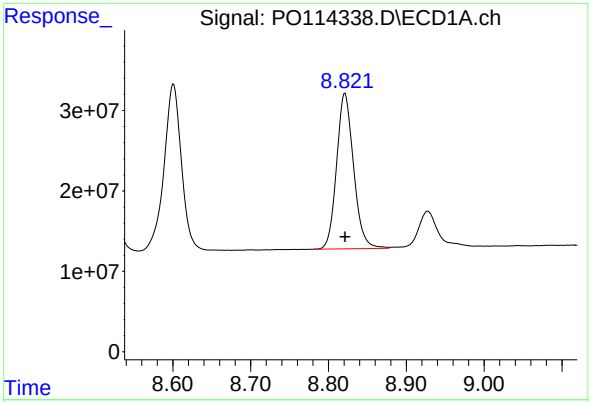
#42 AR-1268-2

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



#42 AR-1268-2

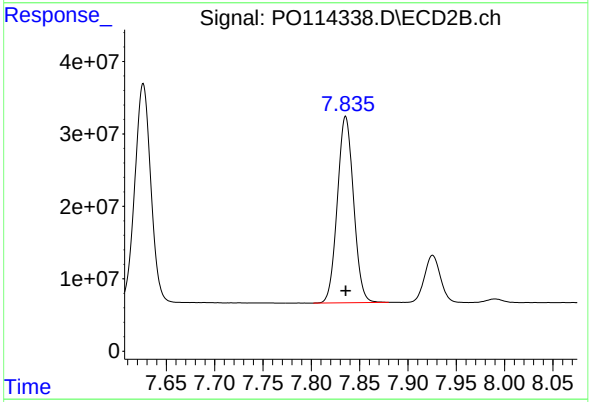
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 348177677
Conc: 500.00 ng/ml



#43 AR-1268-3

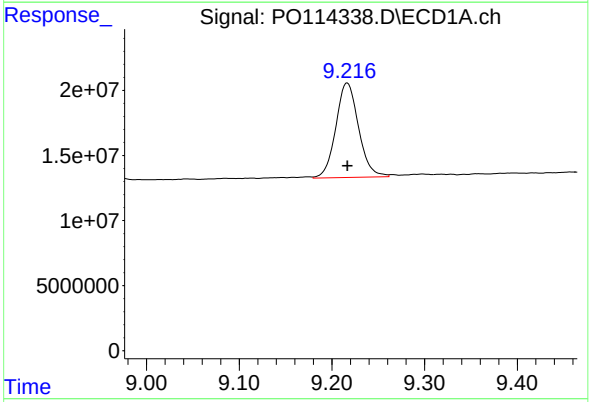
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 293229900
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



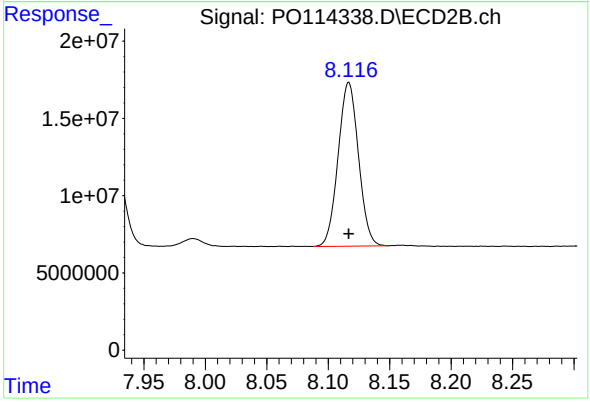
#43 AR-1268-3

R.T.: 7.836 min
Delta R.T.: 0.000 min
Response: 300032922
Conc: 500.00 ng/ml



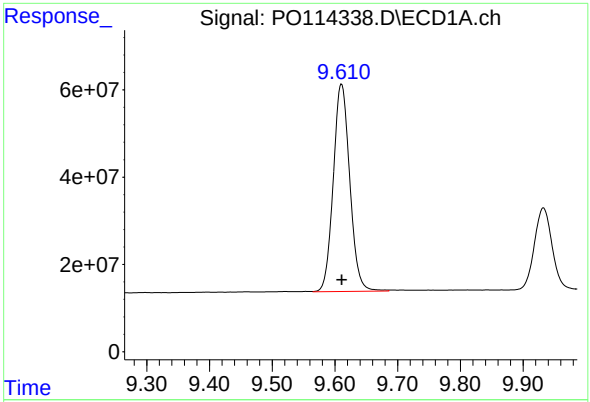
#44 AR-1268-4

R.T.: 9.217 min
Delta R.T.: 0.000 min
Response: 123879742
Conc: 500.00 ng/ml



#44 AR-1268-4

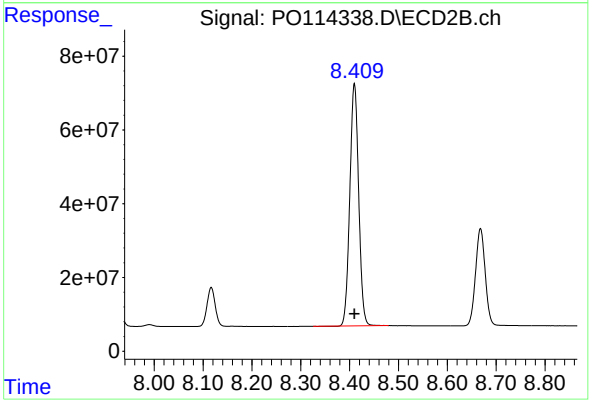
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 122166061
Conc: 500.00 ng/ml



#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

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.

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

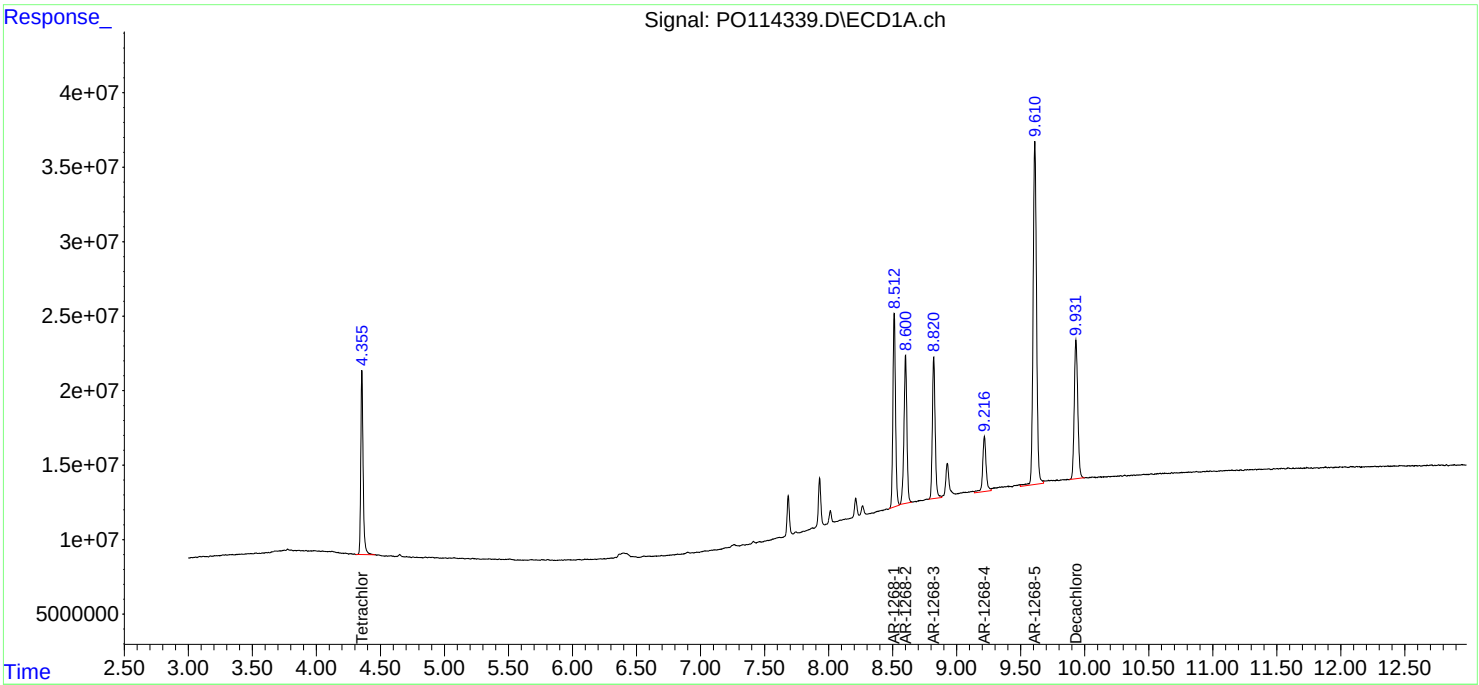
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

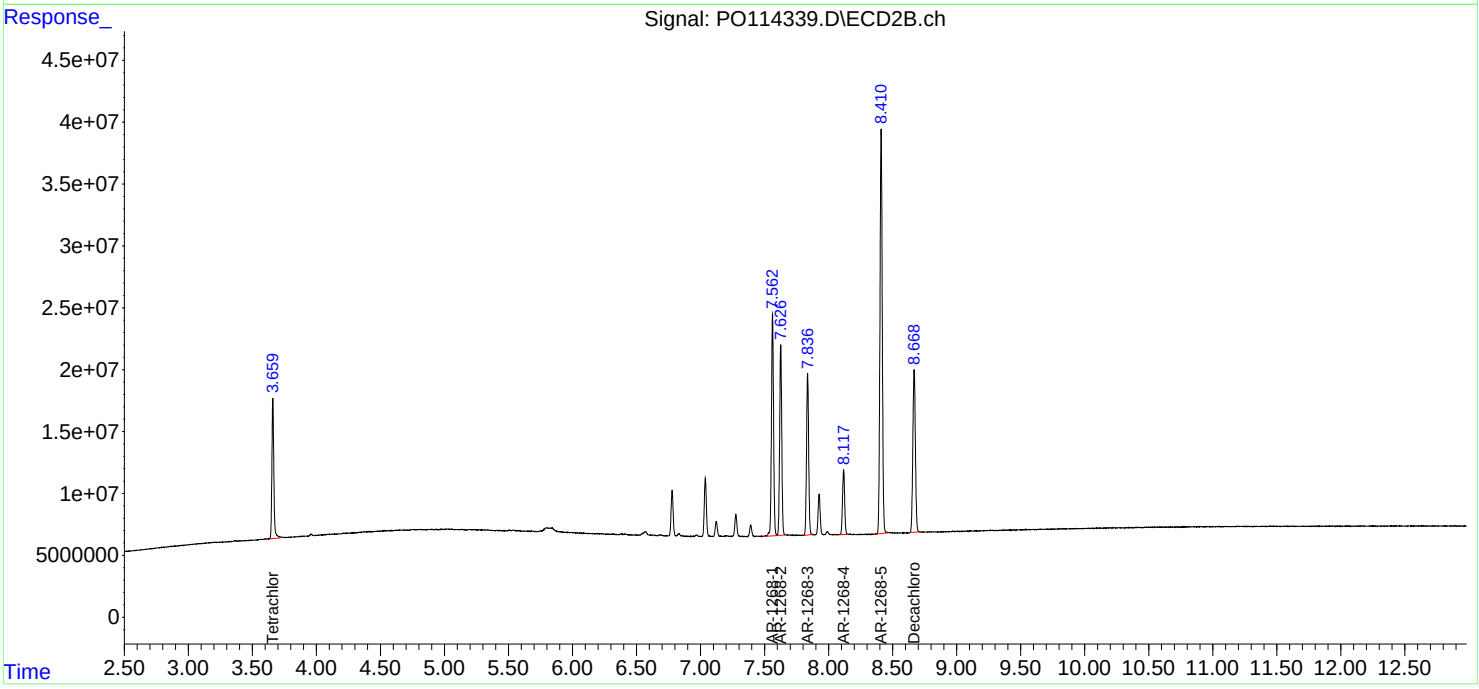
Manual Integrations APPROVED

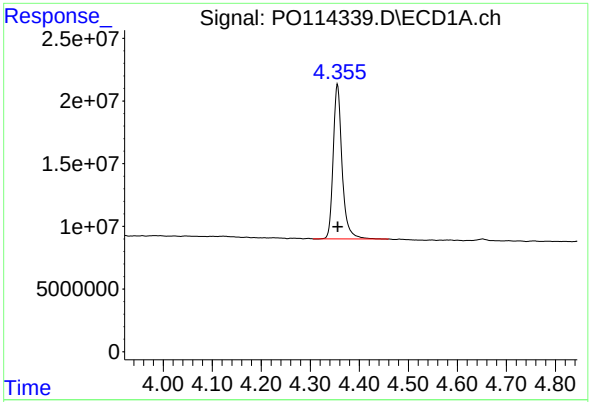
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

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







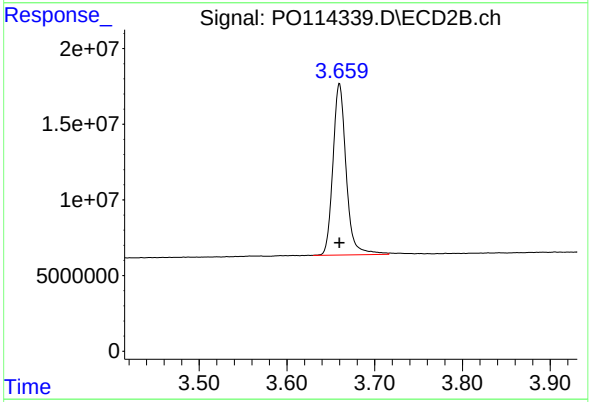
#1 Tetrachloro-m-xylene

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 155518189
Conc: 24.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

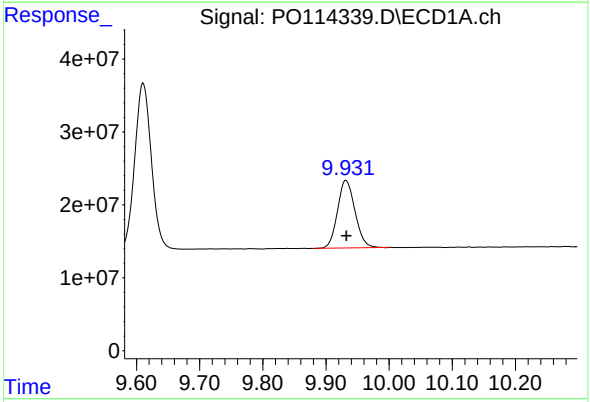
Manual Integrations APPROVED

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



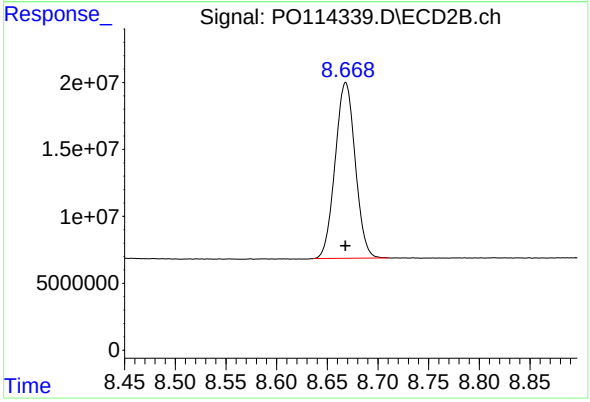
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 118742078
Conc: 24.78 ng/ml



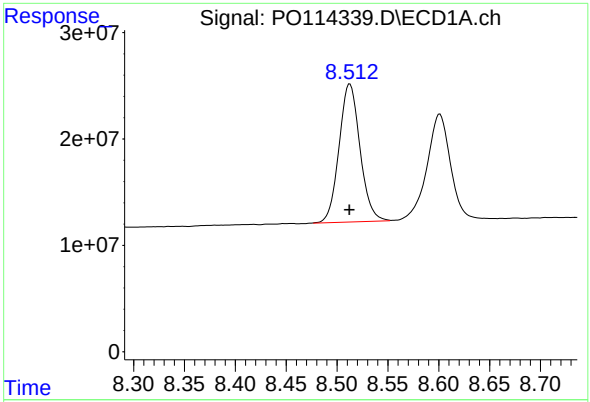
#2 Decachlorobiphenyl

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



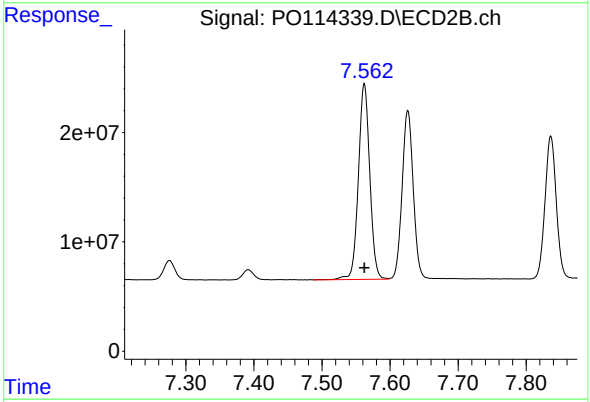
#41 AR-1268-1

R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 186115791
Conc: 246.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

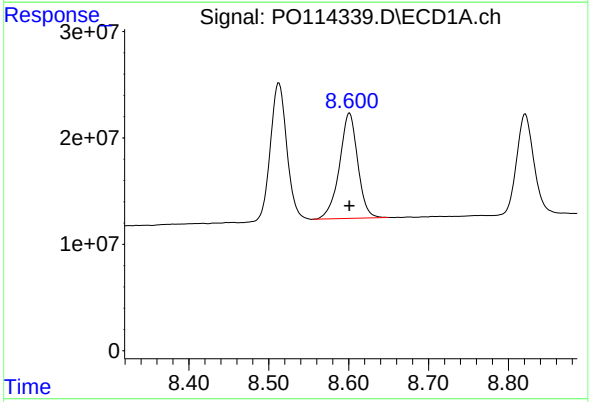
Manual Integrations APPROVED

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



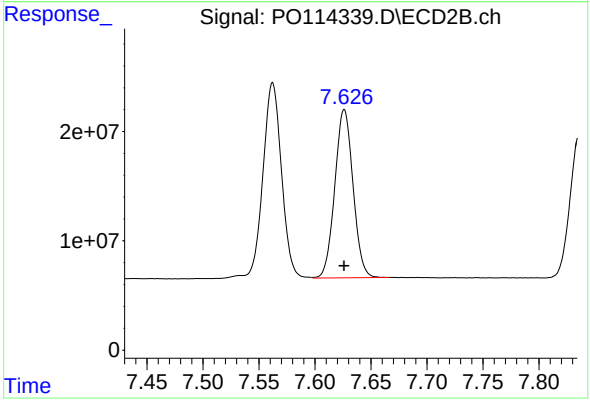
#41 AR-1268-1

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 207444056
Conc: 251.93 ng/ml



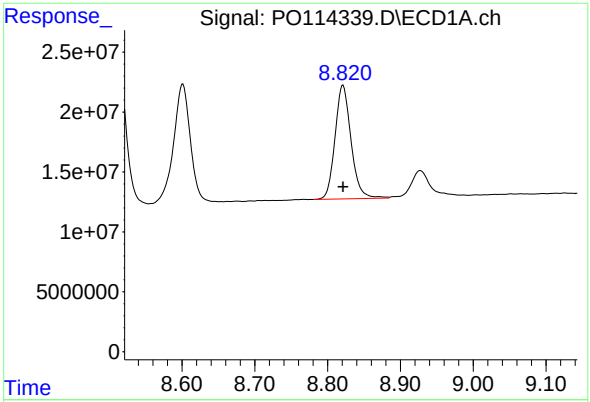
#42 AR-1268-2

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



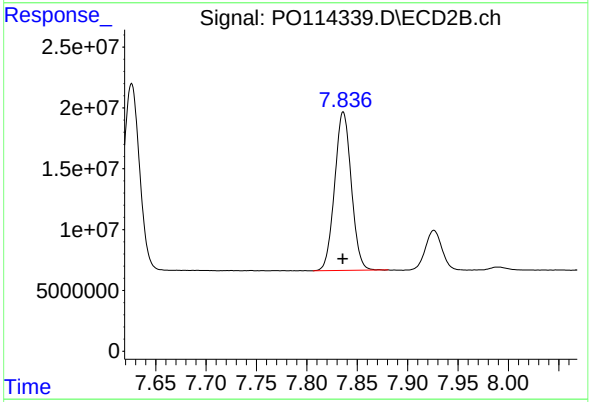
#43 AR-1268-3

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 145054315
Conc: 247.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

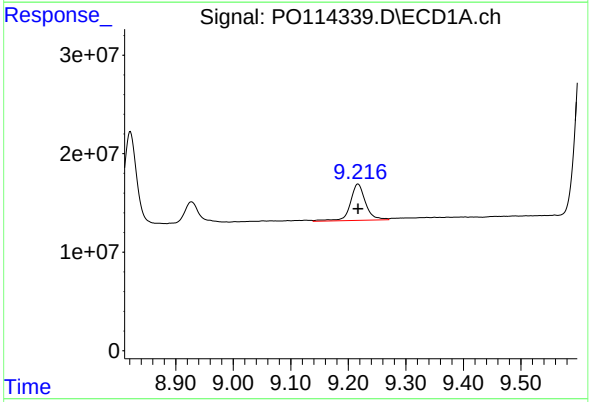
Manual Integrations APPROVED

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



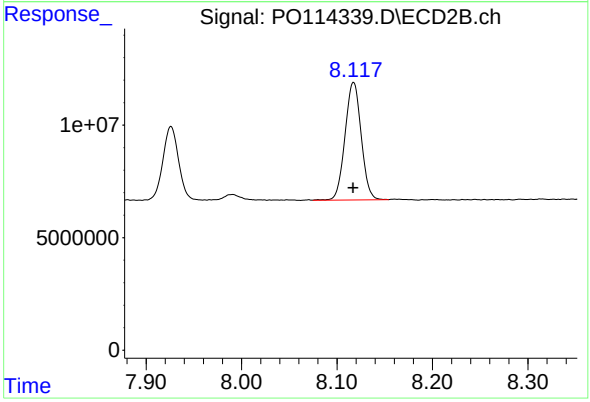
#43 AR-1268-3

R.T.: 7.836 min
Delta R.T.: 0.000 min
Response: 149634792
Conc: 249.36 ng/ml



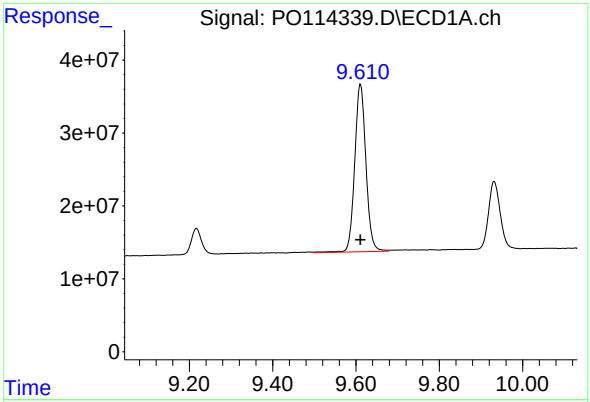
#44 AR-1268-4

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



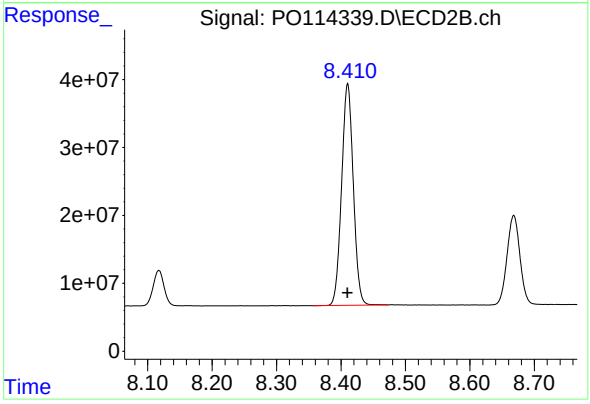
#45 AR-1268-5

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

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.

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

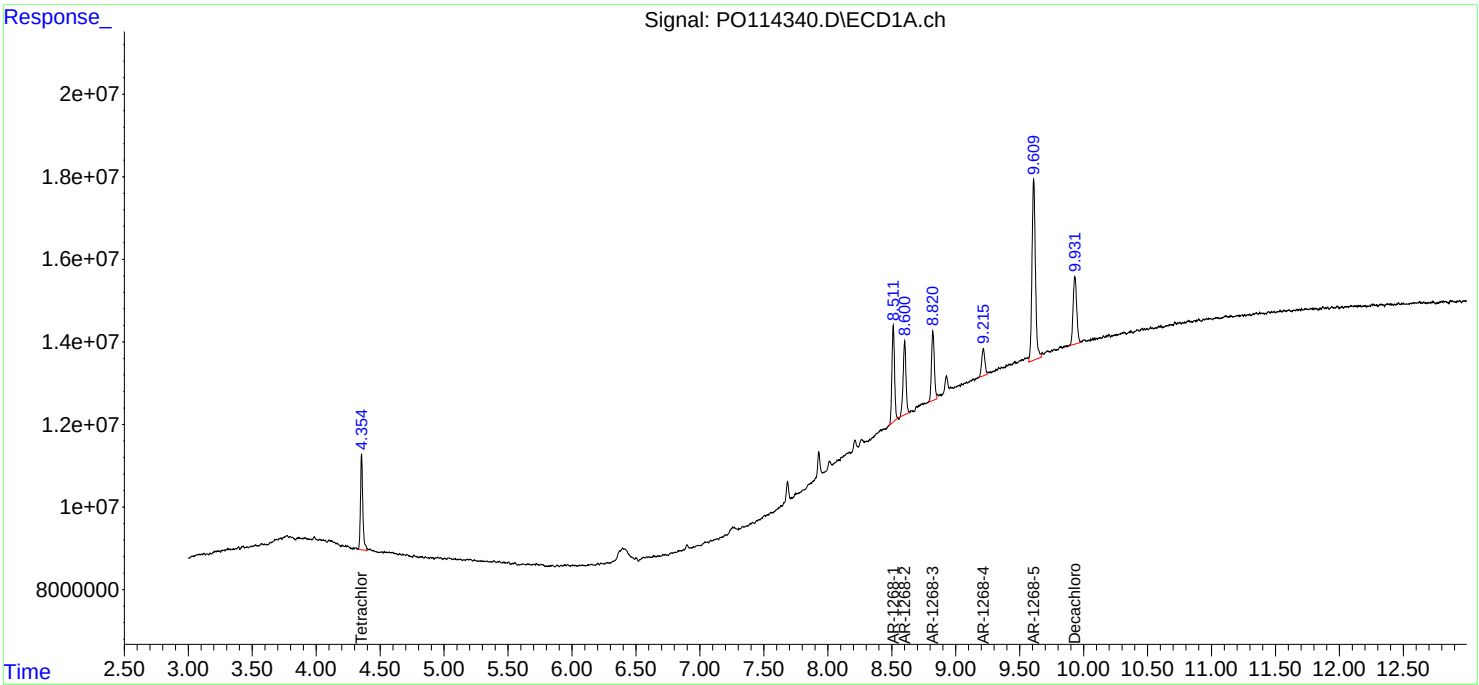
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

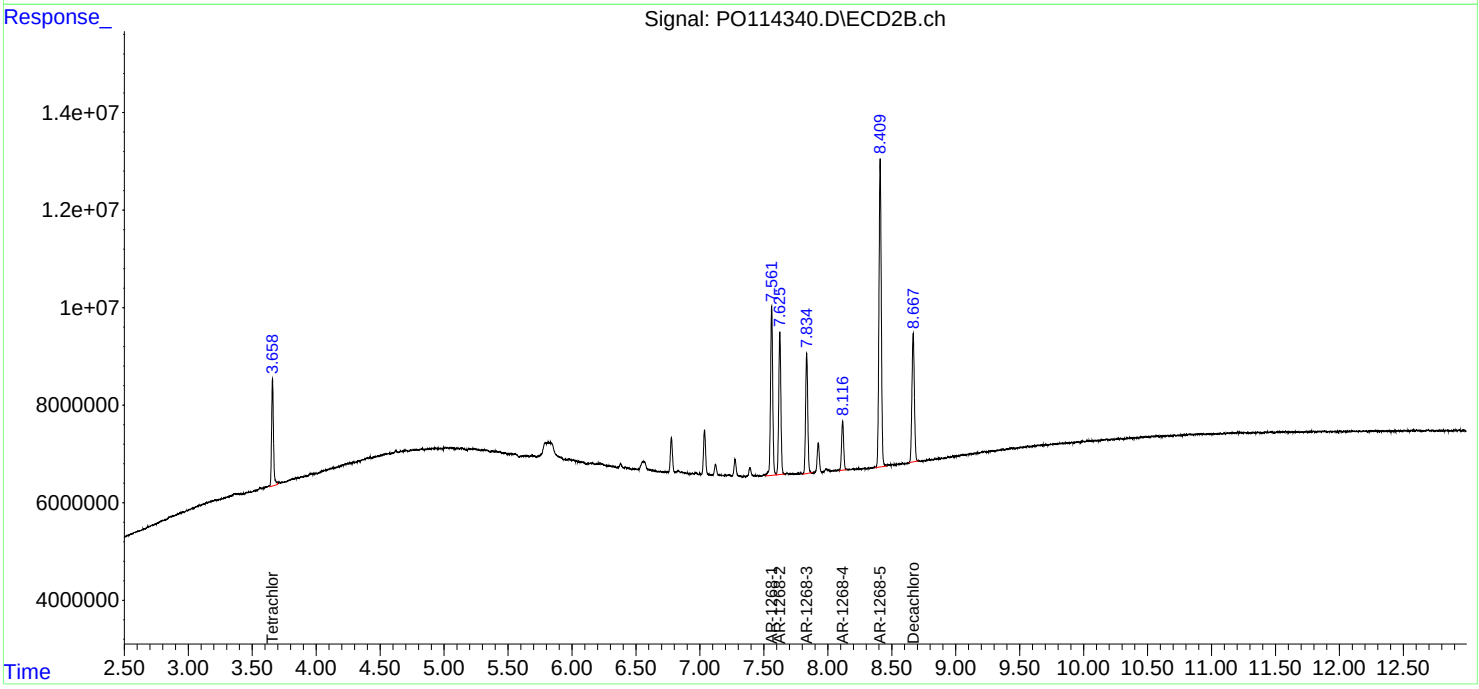
Manual Integrations APPROVED

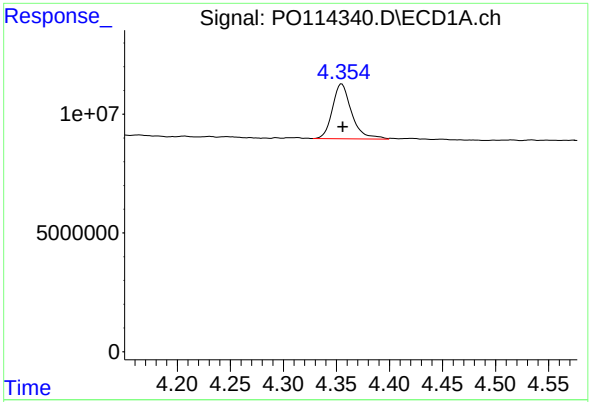
Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

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







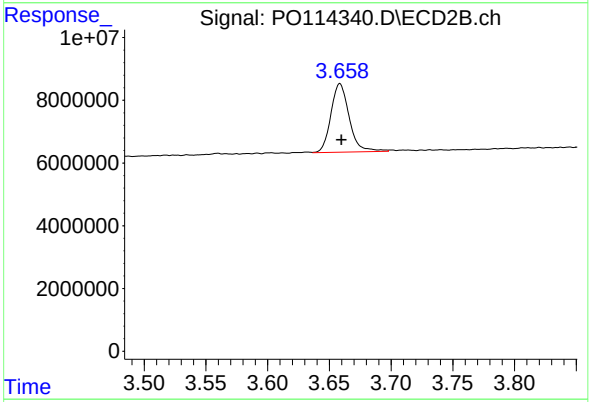
#1 Tetrachloro-m-xylene

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 29229275
Conc: 4.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

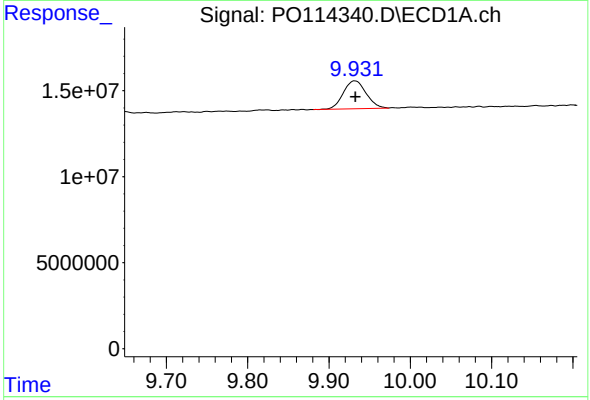
Manual Integrations APPROVED

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



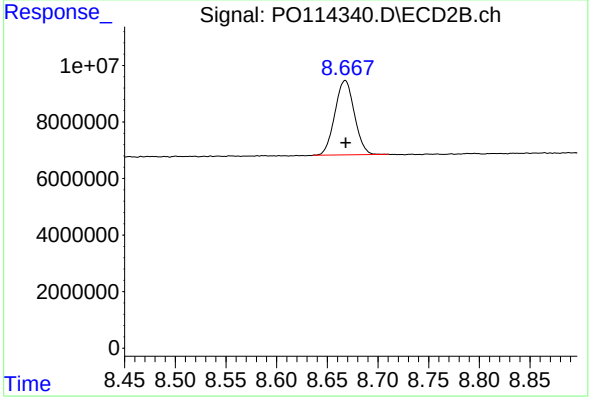
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 22630186
Conc: 4.72 ng/ml



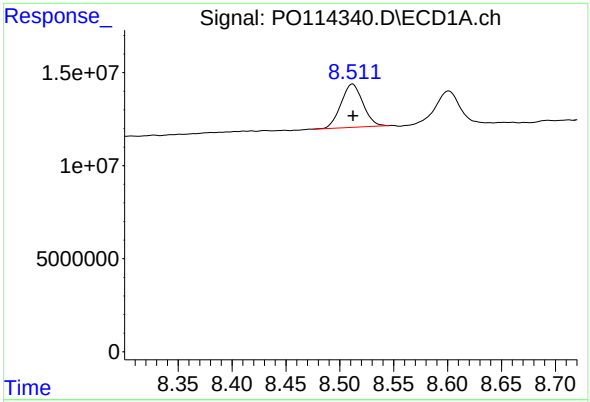
#2 Decachlorobiphenyl

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



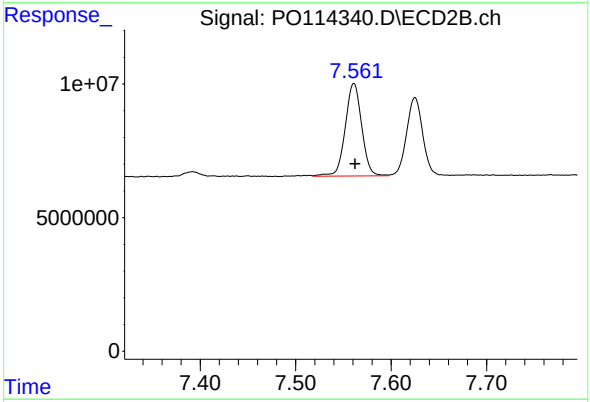
#41 AR-1268-1

R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 32943775
Conc: 43.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

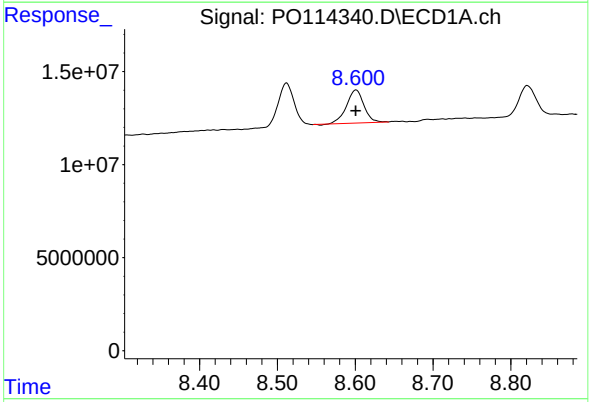
Manual Integrations APPROVED

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



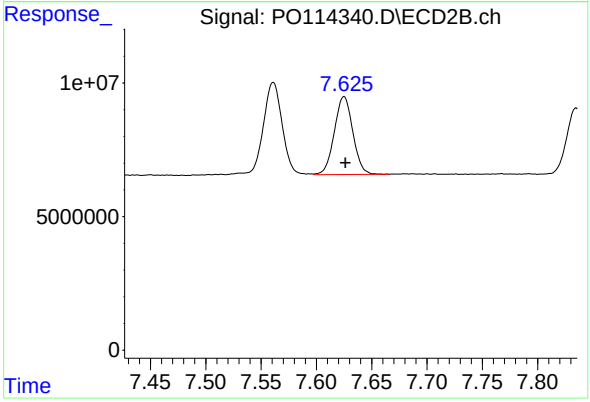
#41 AR-1268-1

R.T.: 7.561 min
Delta R.T.: -0.001 min
Response: 41304225
Conc: 50.16 ng/ml



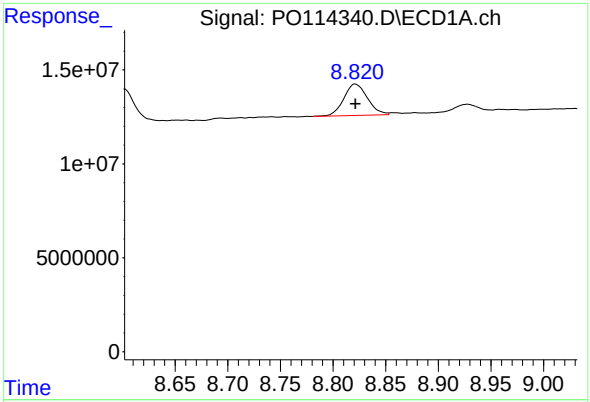
#42 AR-1268-2

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



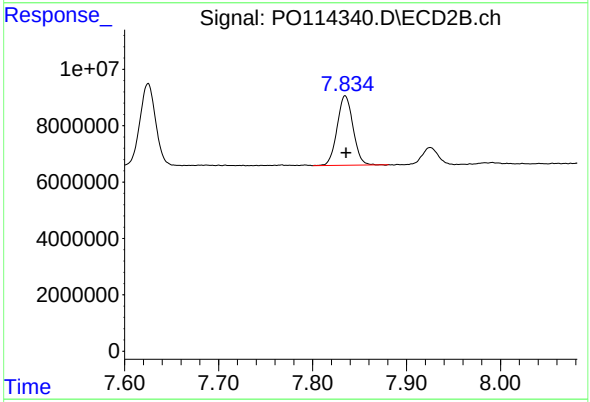
#43 AR-1268-3

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 26198359
Conc: 44.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

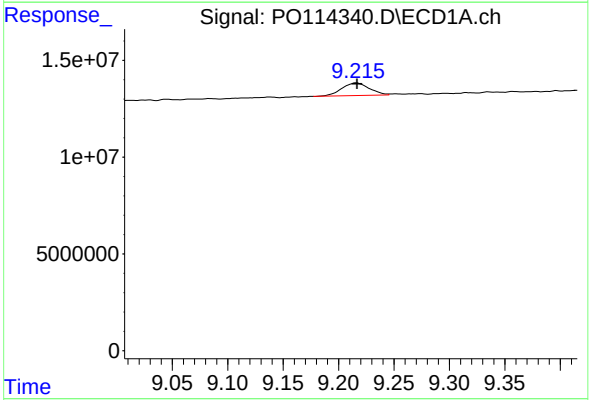
Manual Integrations APPROVED

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



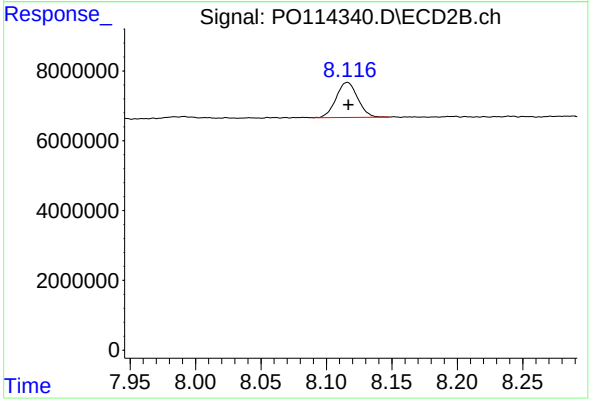
#43 AR-1268-3

R.T.: 7.835 min
Delta R.T.: 0.000 min
Response: 28863911
Conc: 48.10 ng/ml



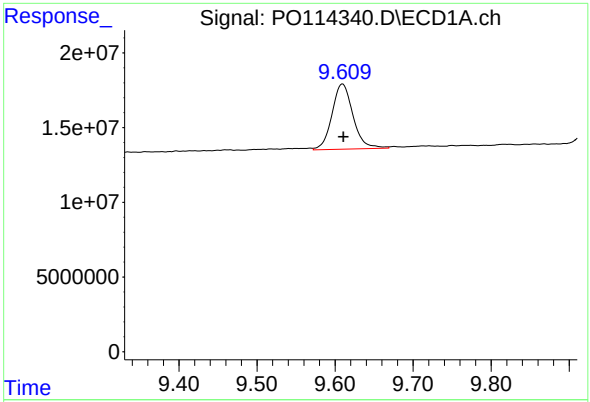
#44 AR-1268-4

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



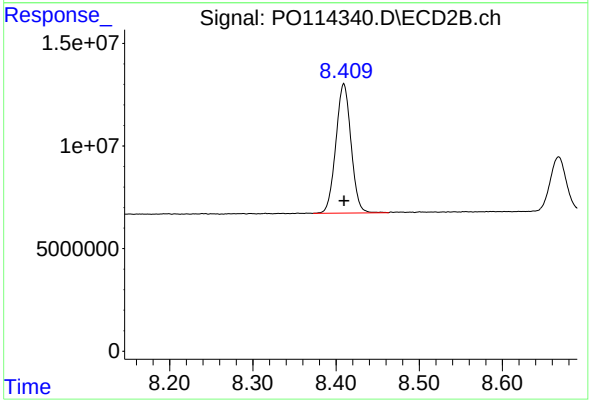
#45 AR-1268-5

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)

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

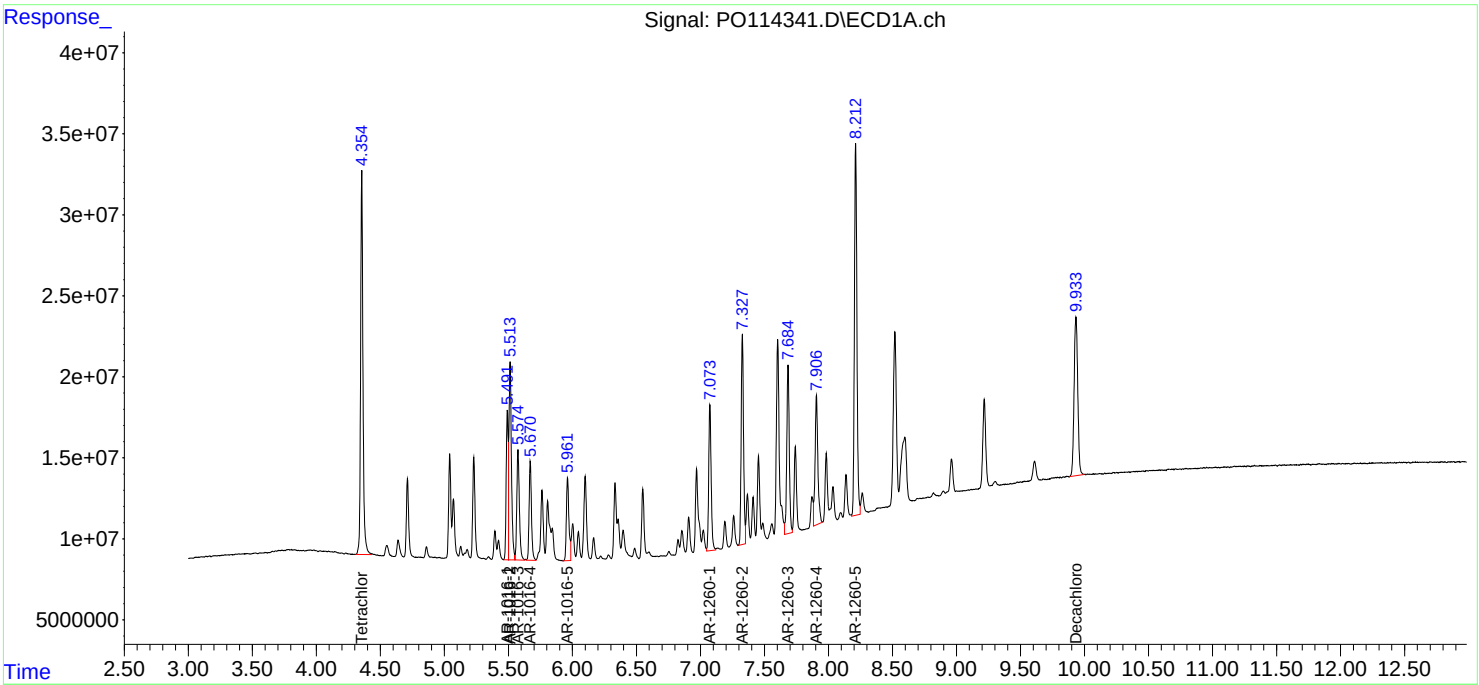
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

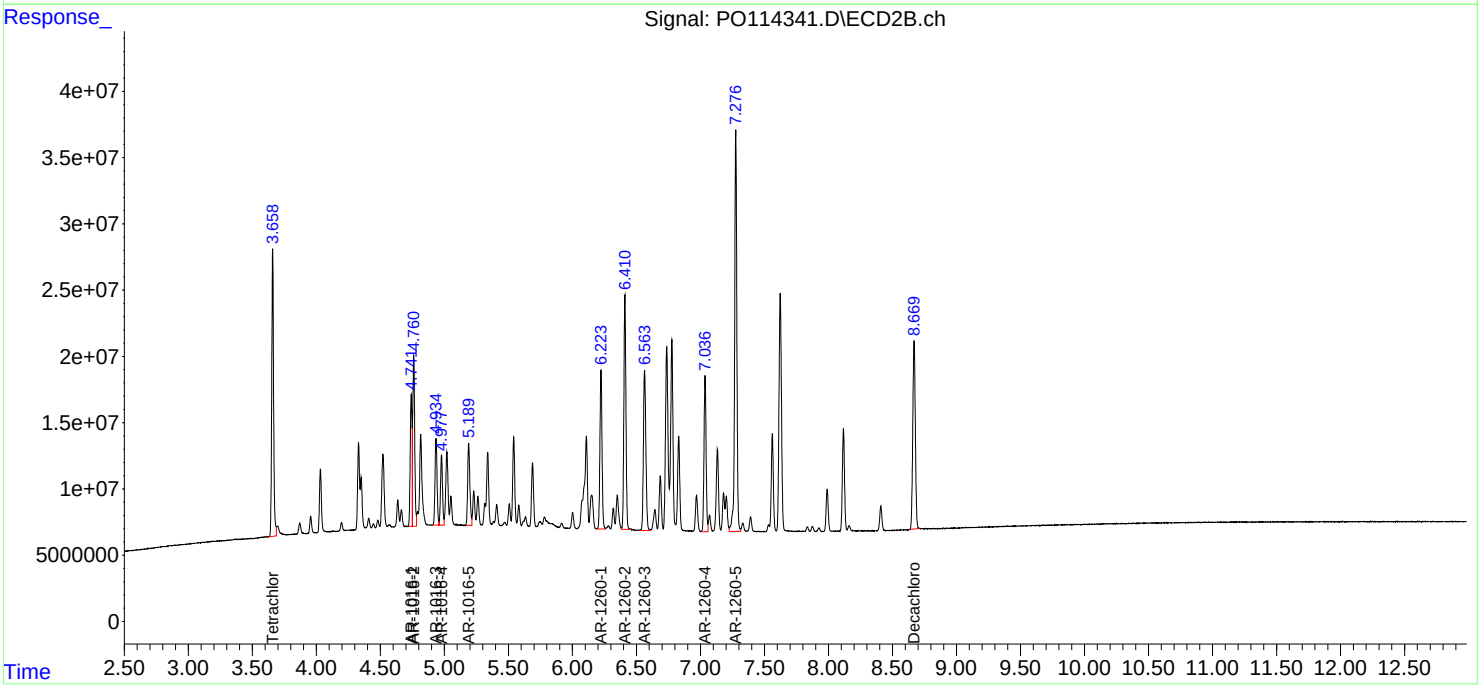
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:47
Operator : YP/AJ
Sample : PO100925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

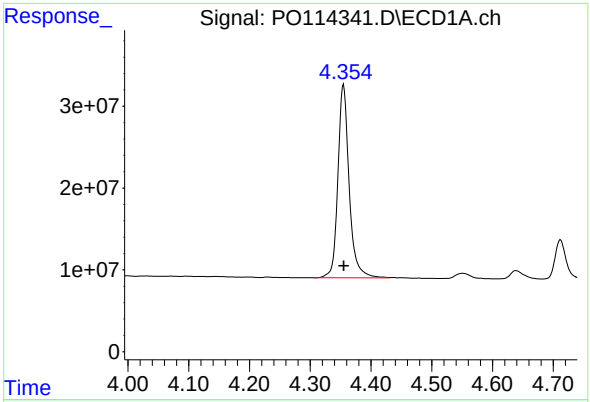
Instrument :
ECD_O
ClientSampleId :
ICVPO100925

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



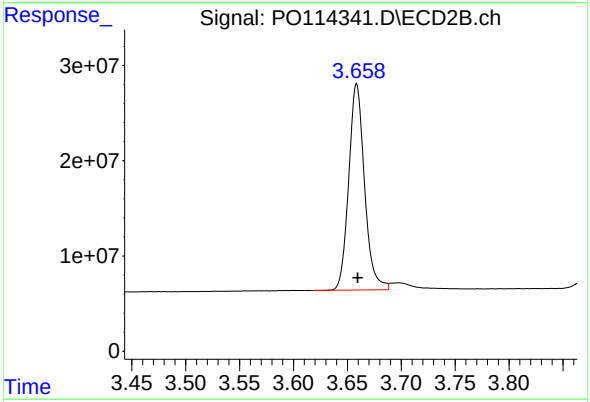




#1 Tetrachloro-m-xylene

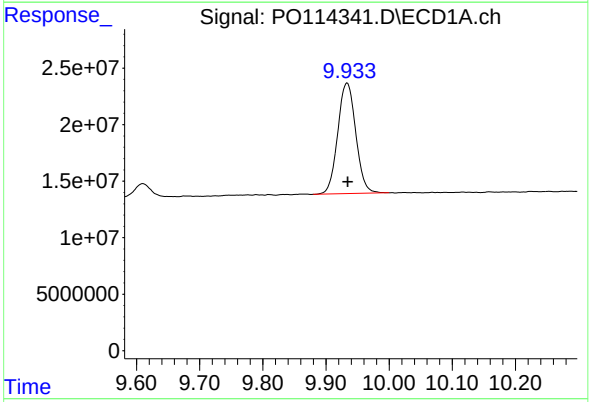
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 303735636
Conc: 55.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



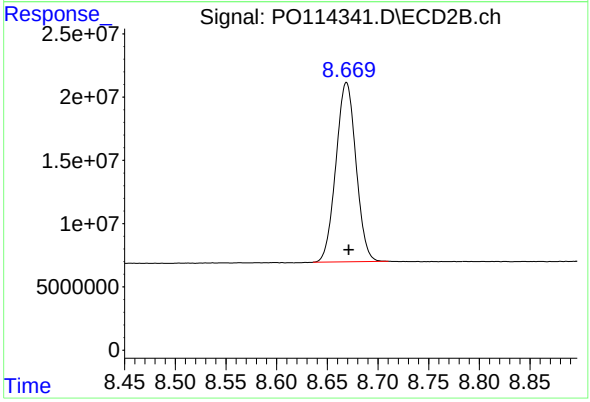
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 221282289
Conc: 55.29 ng/ml



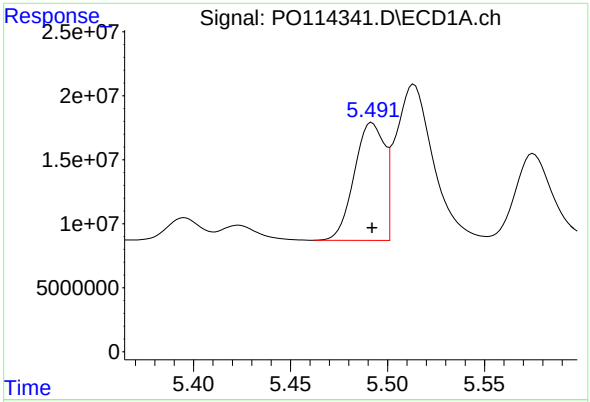
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 194520396
Conc: 53.42 ng/ml



#2 Decachlorobiphenyl

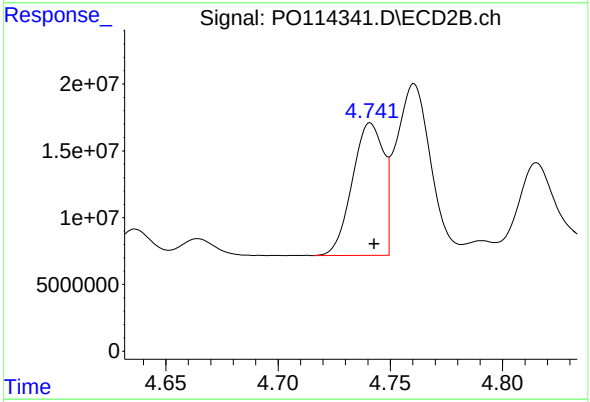
R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 195474249
Conc: 58.64 ng/ml



#3 AR-1016-1

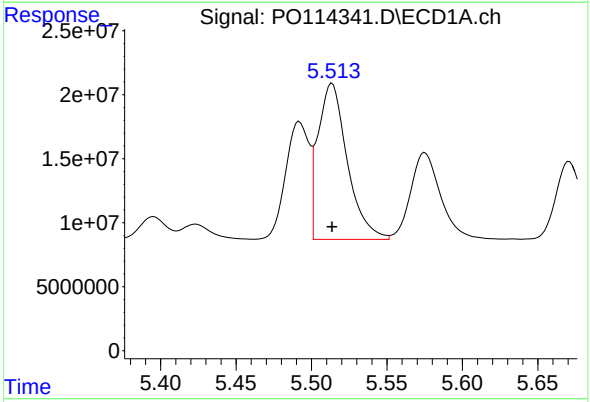
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 99538435
Conc: 551.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



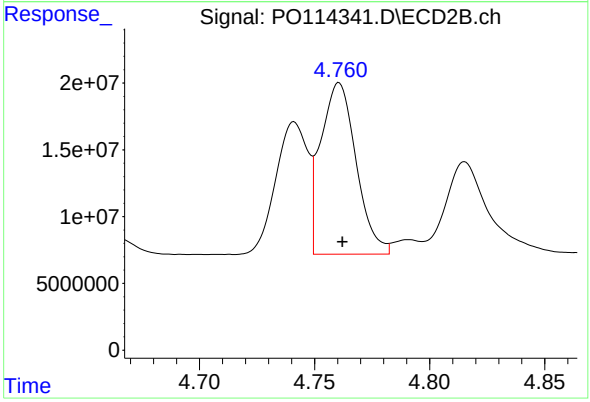
#3 AR-1016-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 96288840
Conc: 571.84 ng/ml



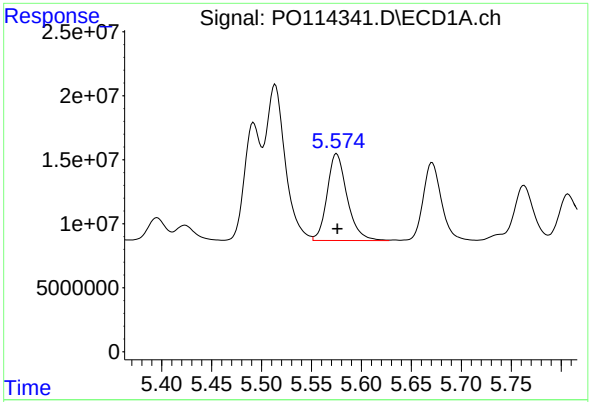
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 164778935
Conc: 541.51 ng/ml



#4 AR-1016-2

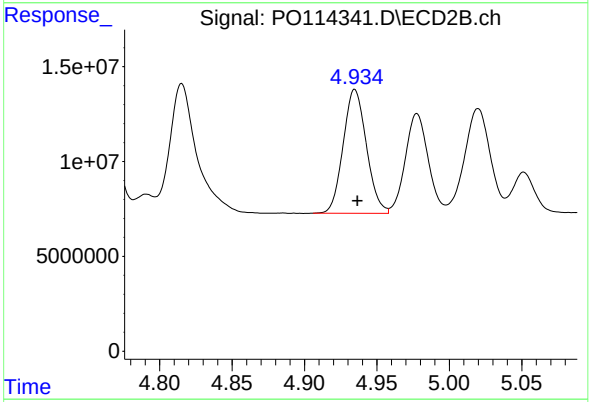
R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 137860153
Conc: 569.59 ng/ml



#5 AR-1016-3

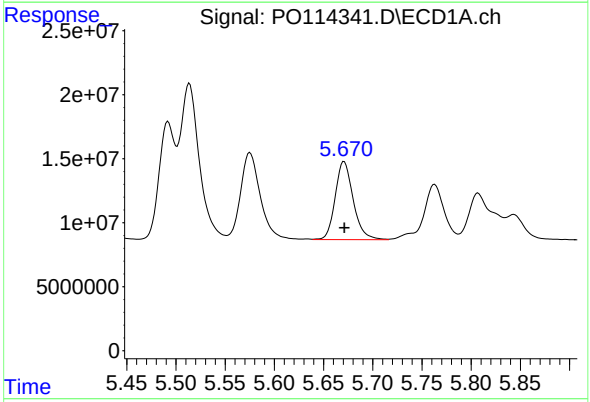
R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 94543131
Conc: 534.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



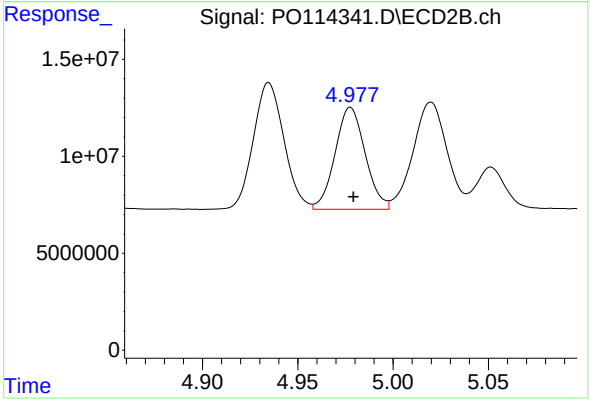
#5 AR-1016-3

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 72943991
Conc: 587.53 ng/ml



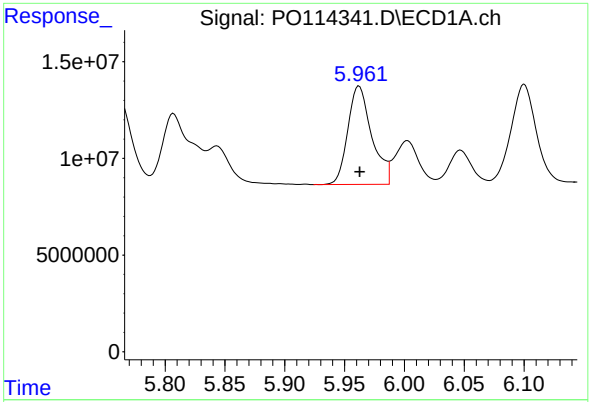
#6 AR-1016-4

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 77904177
Conc: 566.35 ng/ml



#6 AR-1016-4

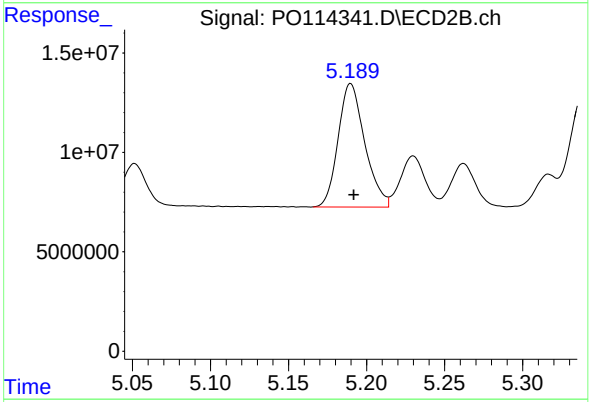
R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 57848182
Conc: 599.30 ng/ml



#7 AR-1016-5

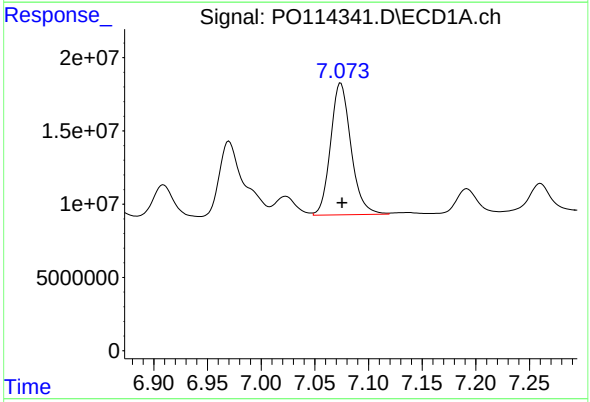
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 70772325
Conc: 560.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



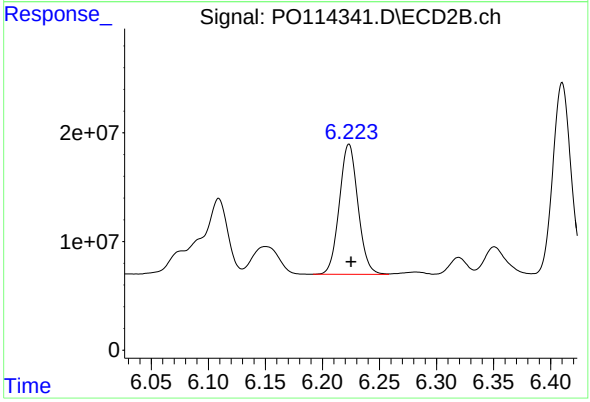
#7 AR-1016-5

R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 73749593
Conc: 576.82 ng/ml



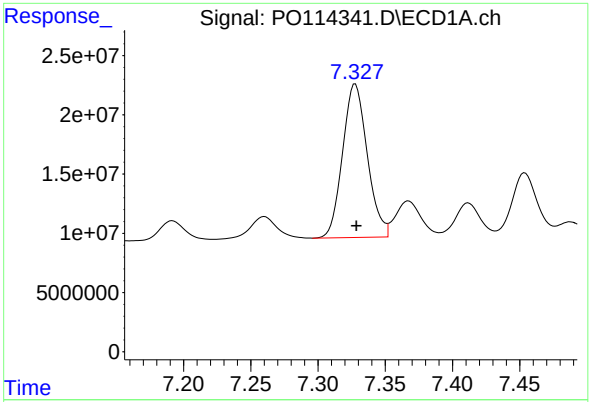
#31 AR-1260-1

R.T.: 7.074 min
Delta R.T.: -0.001 min
Response: 119224134
Conc: 547.07 ng/ml



#31 AR-1260-1

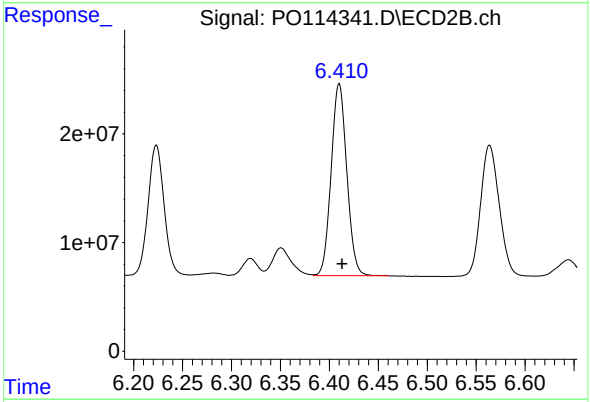
R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 136126058
Conc: 578.07 ng/ml



#32 AR-1260-2

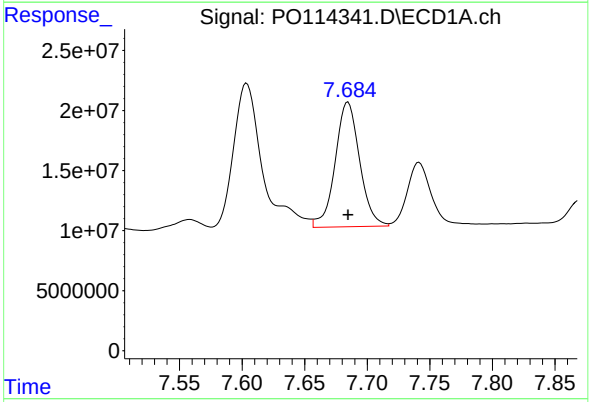
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 165650949
Conc: 536.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



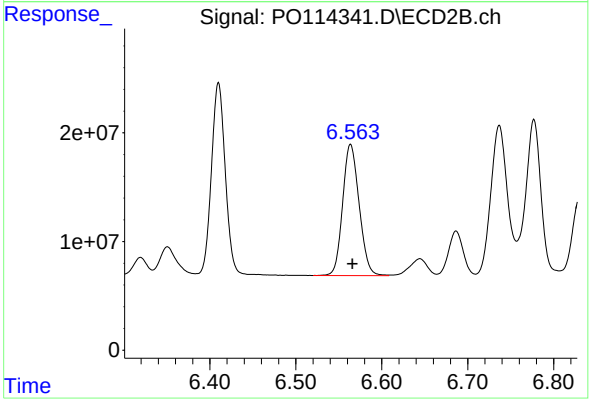
#32 AR-1260-2

R.T.: 6.410 min
Delta R.T.: -0.003 min
Response: 196454829
Conc: 587.50 ng/ml



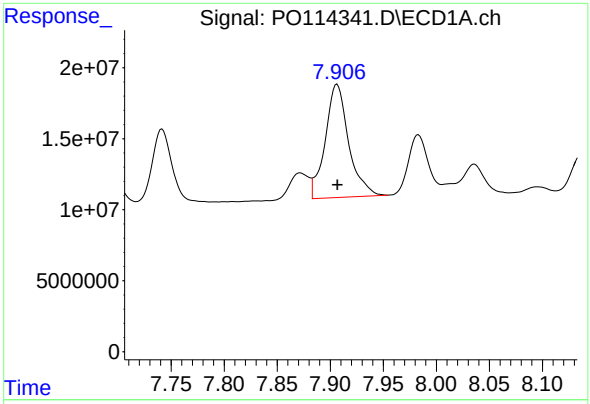
#33 AR-1260-3

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 141500233
Conc: 551.72 ng/ml



#33 AR-1260-3

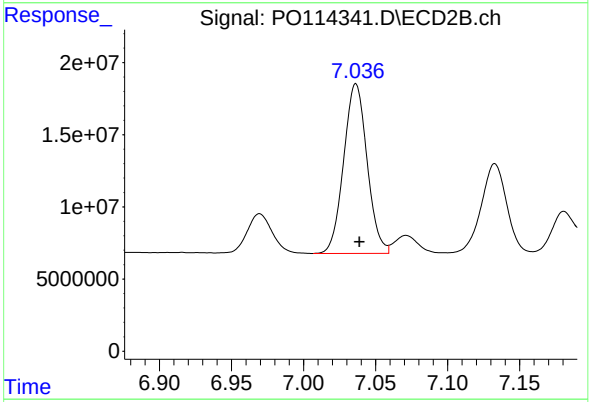
R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 161232729
Conc: 546.66 ng/ml



#34 AR-1260-4

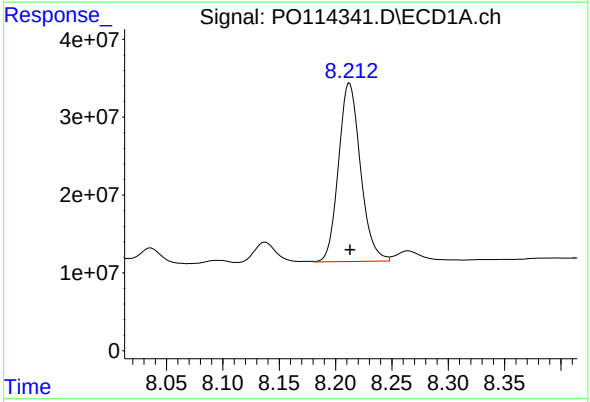
R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 122624107
Conc: 526.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925



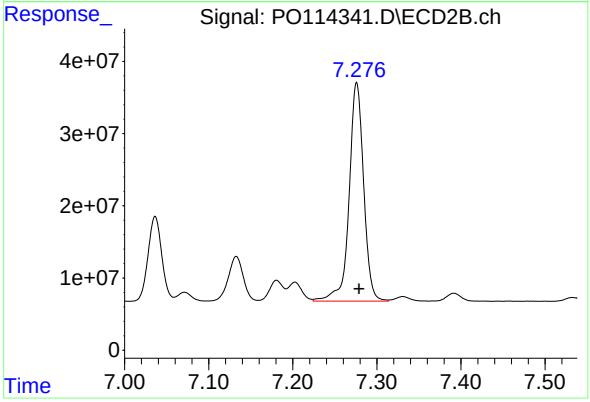
#34 AR-1260-4

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)

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

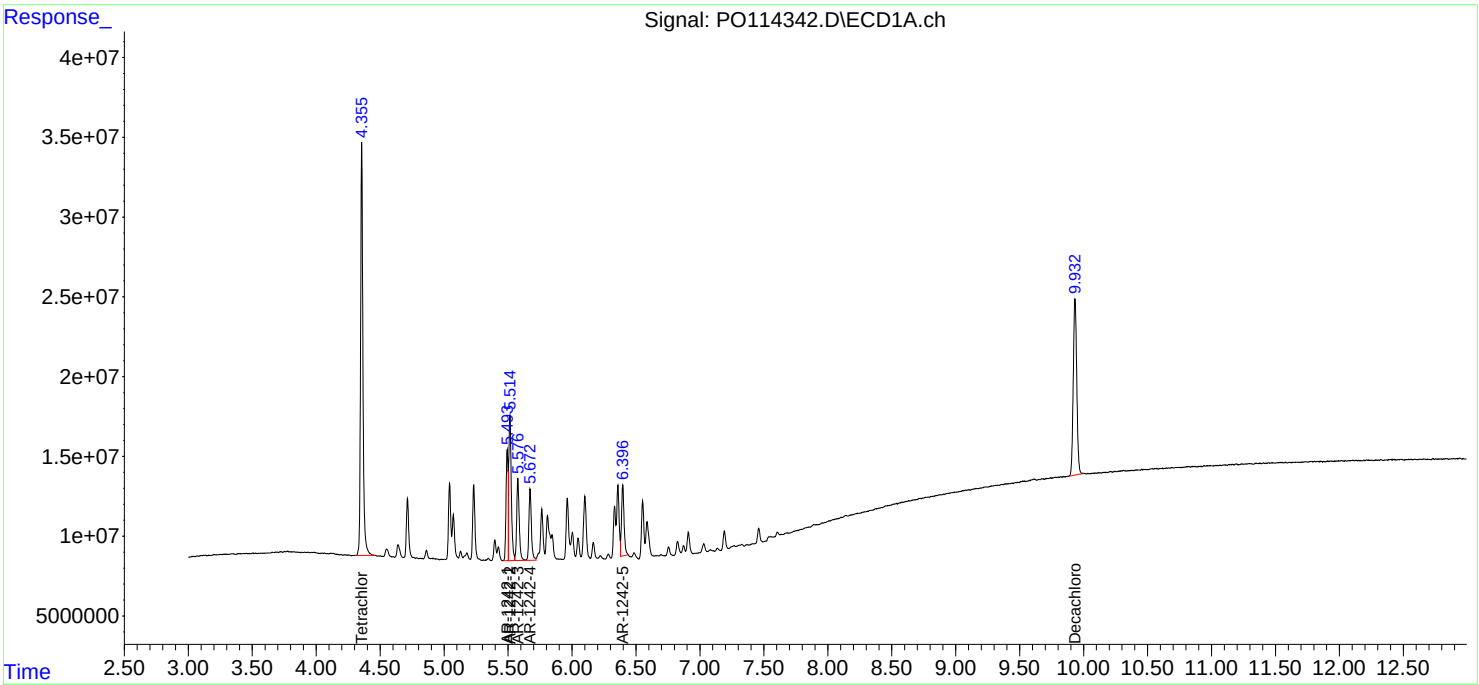
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

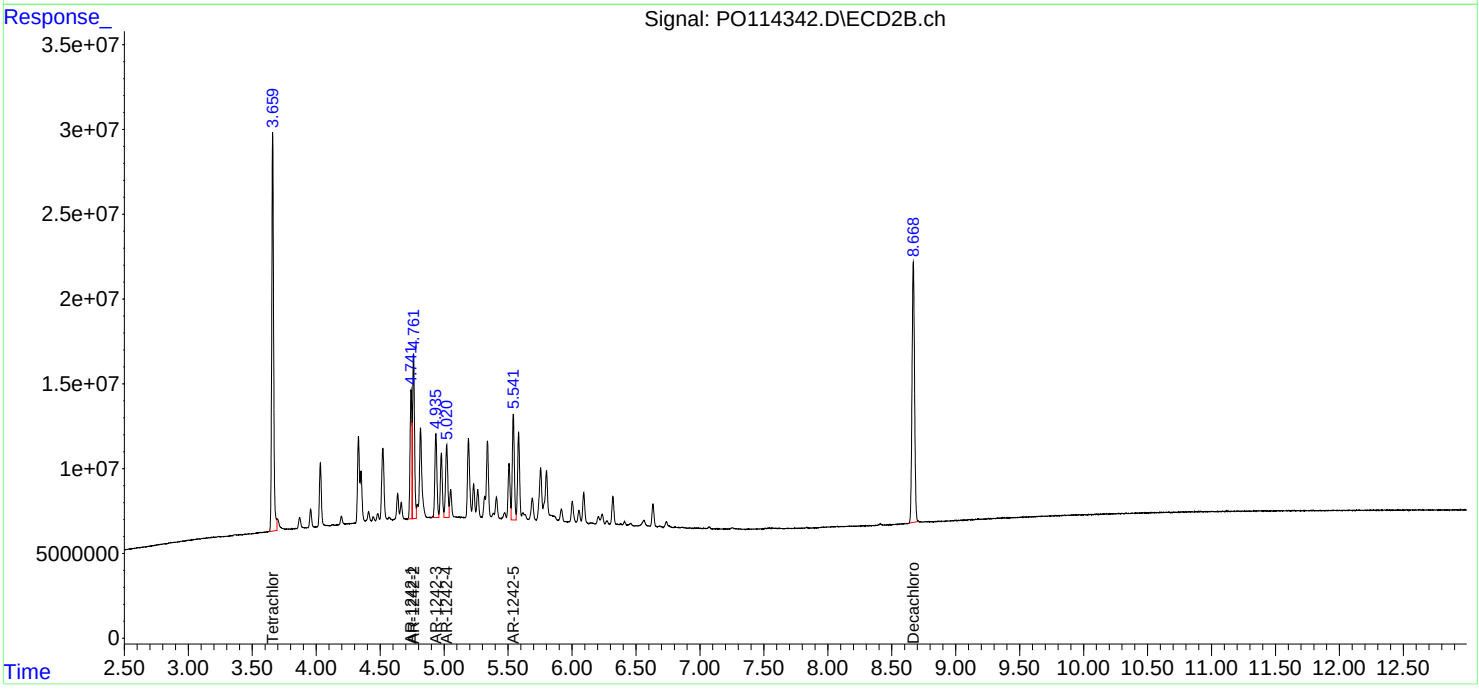
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 23:24
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

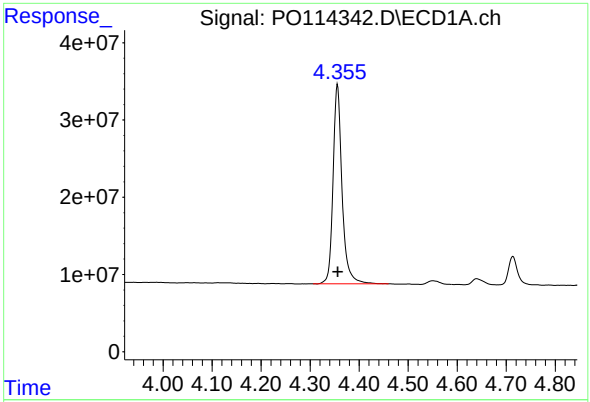
Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242

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



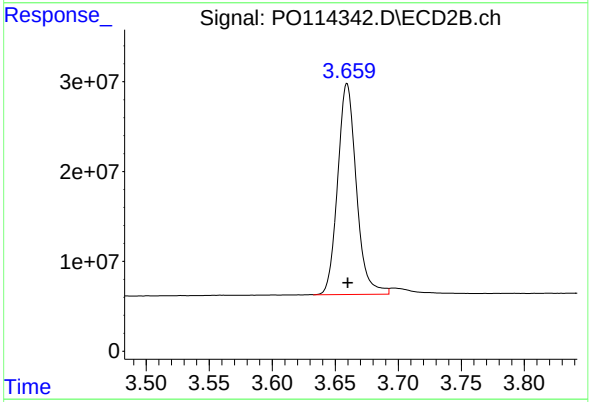




#1 Tetrachloro-m-xylene

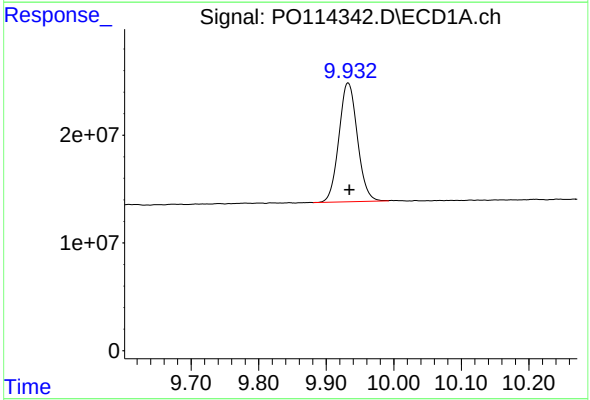
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 330165981
Conc: 56.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242



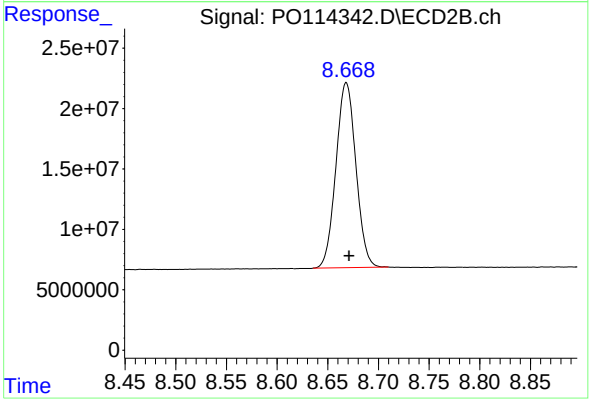
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 242654687
Conc: 55.29 ng/ml



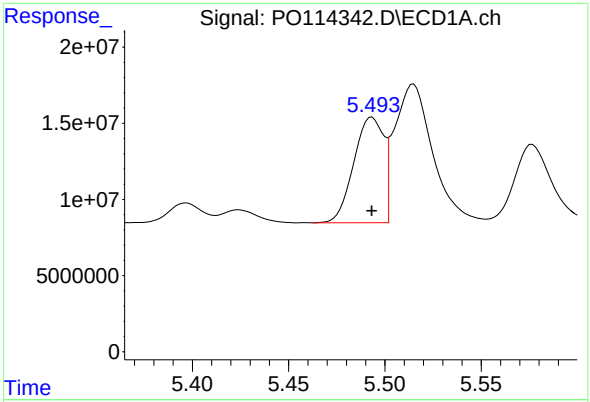
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: -0.001 min
Response: 208991488
Conc: 55.19 ng/ml



#2 Decachlorobiphenyl

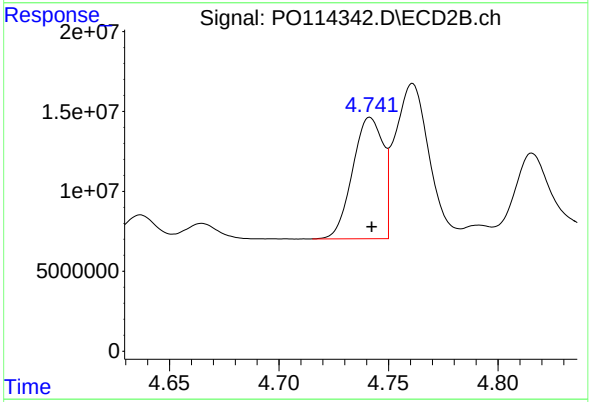
R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 210139489
Conc: 56.58 ng/ml



#16 AR-1242-1

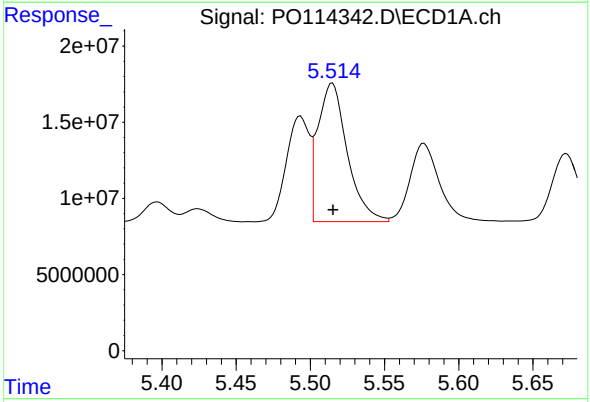
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 74855956
Conc: 568.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242



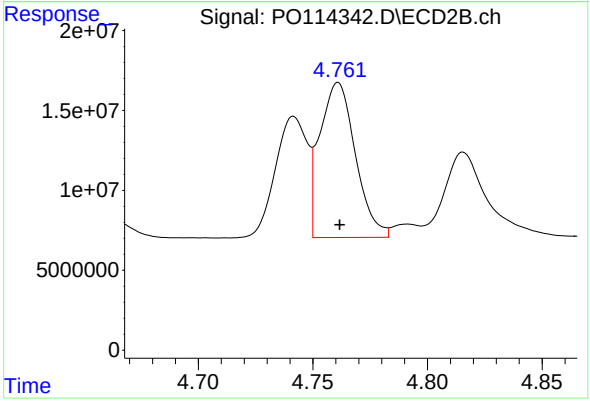
#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 73484854
Conc: 562.62 ng/ml



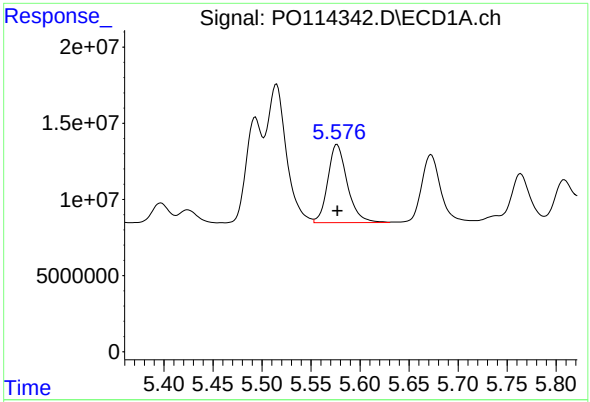
#17 AR-1242-2

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 125506106
Conc: 571.65 ng/ml



#17 AR-1242-2

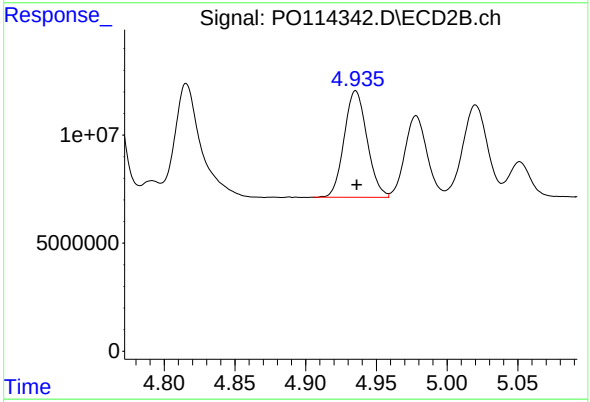
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 104870843
Conc: 561.45 ng/ml



#18 AR-1242-3

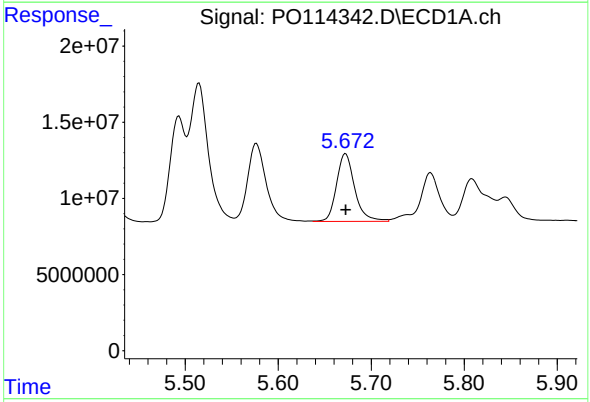
R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 70973901
Conc: 575.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242



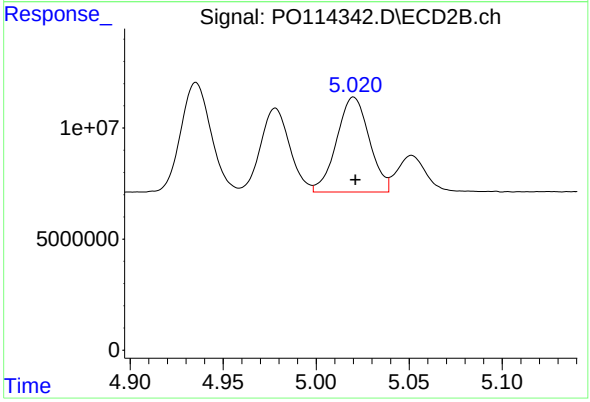
#18 AR-1242-3

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 55495611
Conc: 579.87 ng/ml



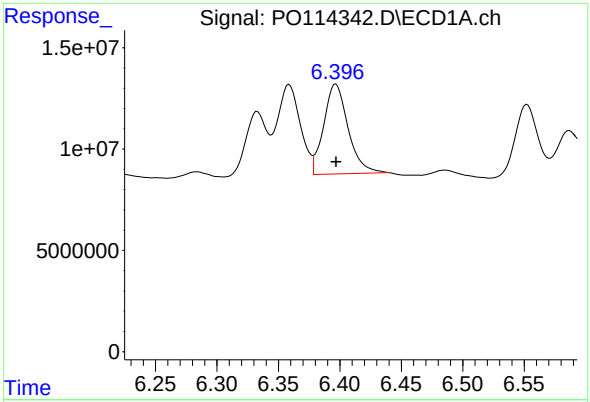
#19 AR-1242-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 60470740
Conc: 589.42 ng/ml



#19 AR-1242-4

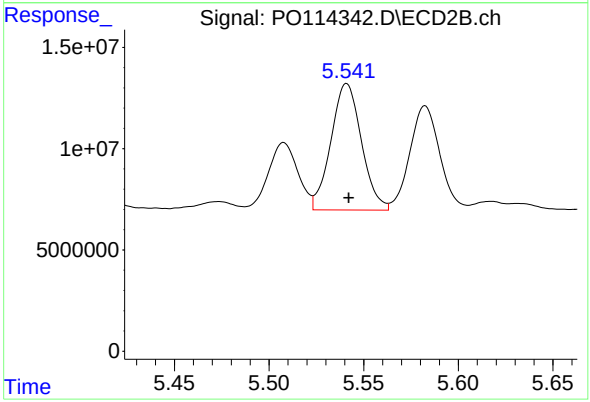
R.T.: 5.020 min
Delta R.T.: -0.001 min
Response: 52334489
Conc: 566.74 ng/ml



#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)

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

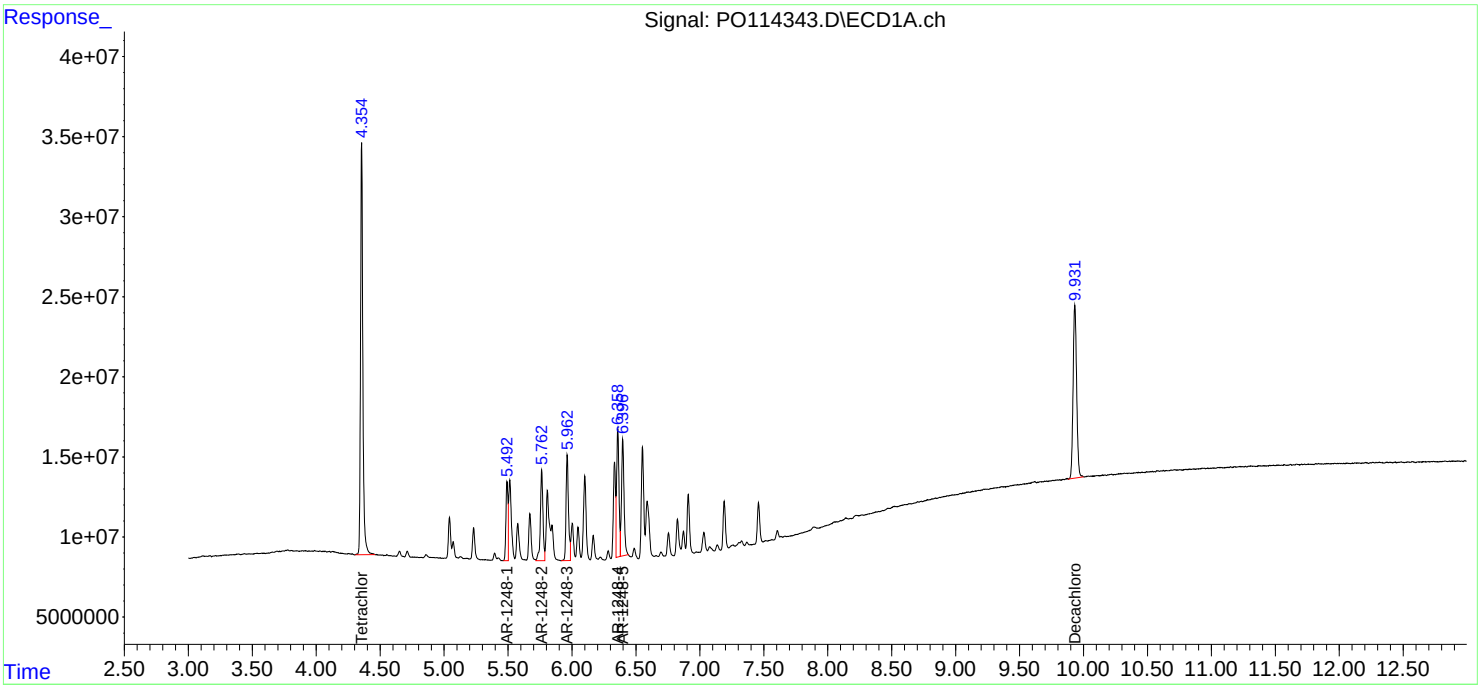
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

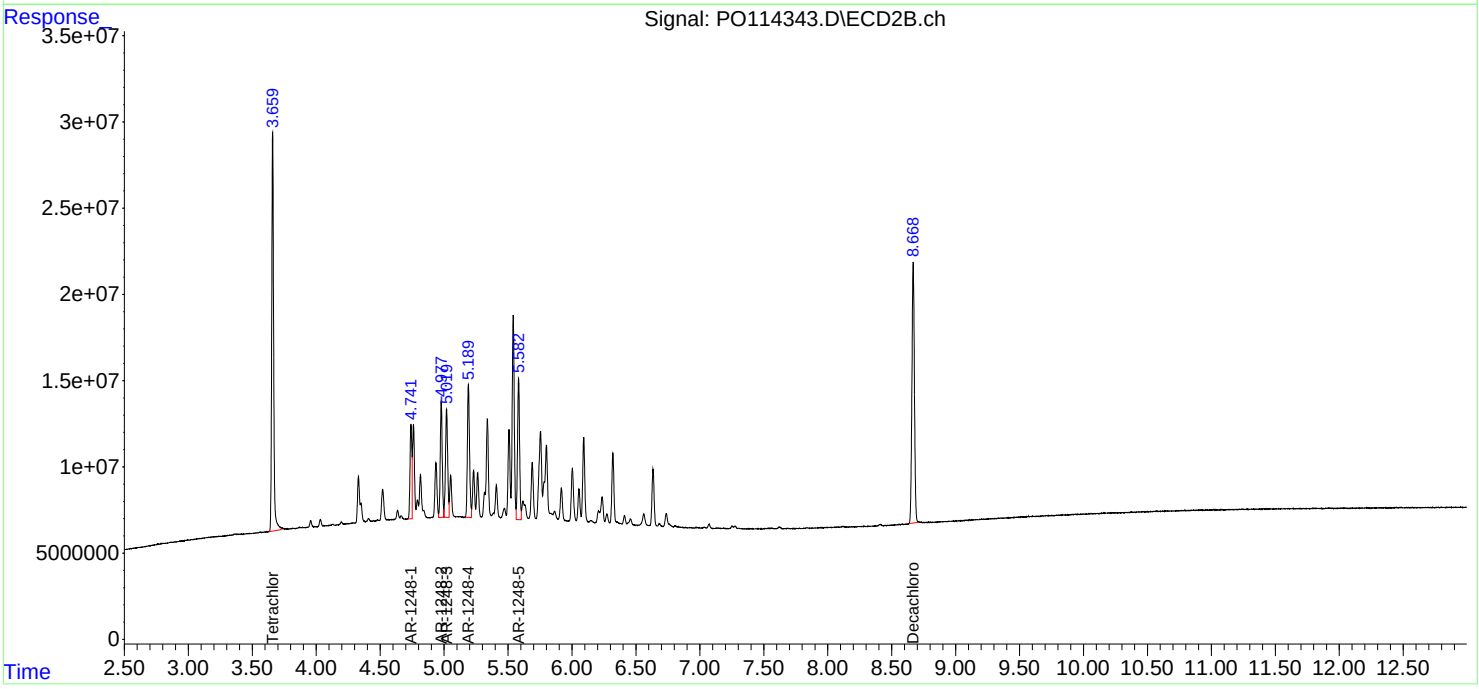
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 00:01
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

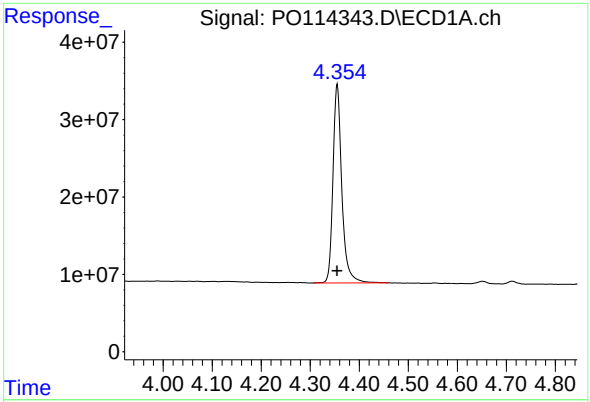
Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248

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



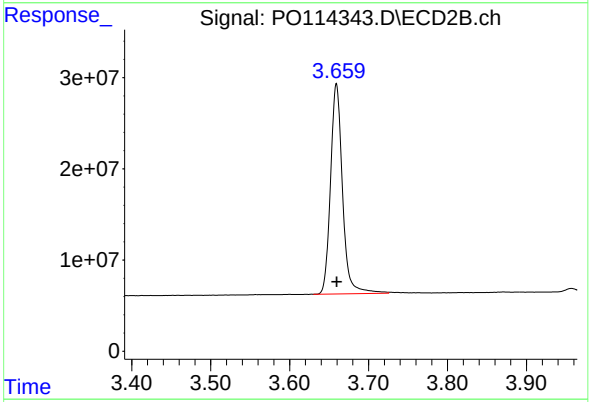




#1 Tetrachloro-m-xylene

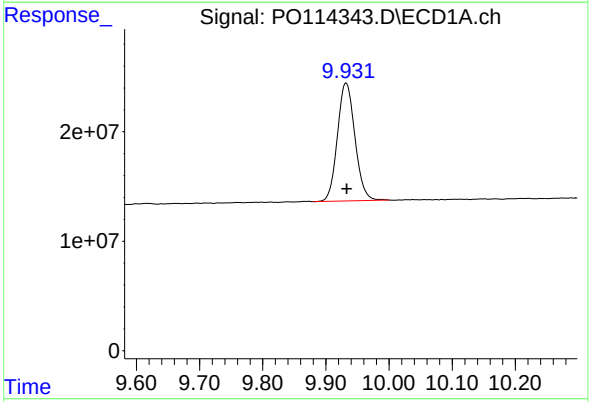
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 323038647
Conc: 54.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248



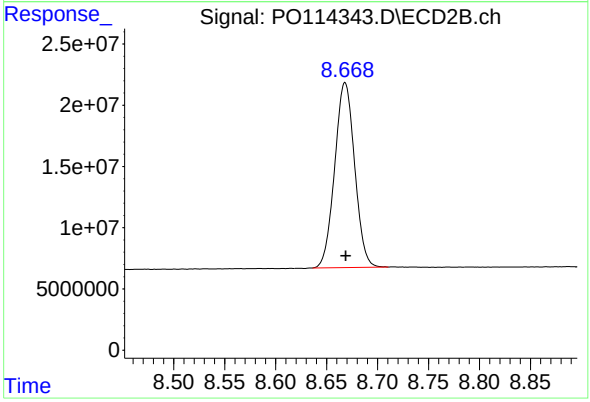
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 243078053
Conc: 53.92 ng/ml



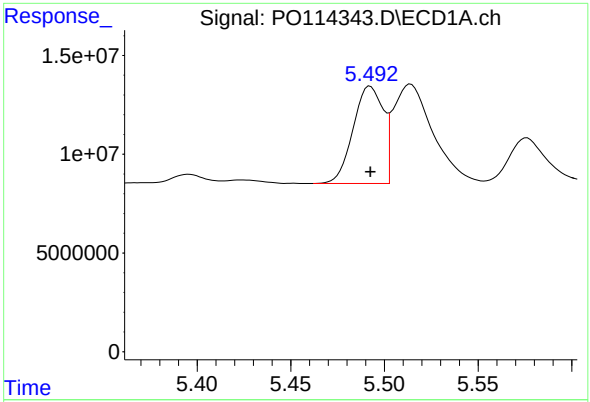
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: -0.001 min
Response: 207634181
Conc: 54.04 ng/ml



#2 Decachlorobiphenyl

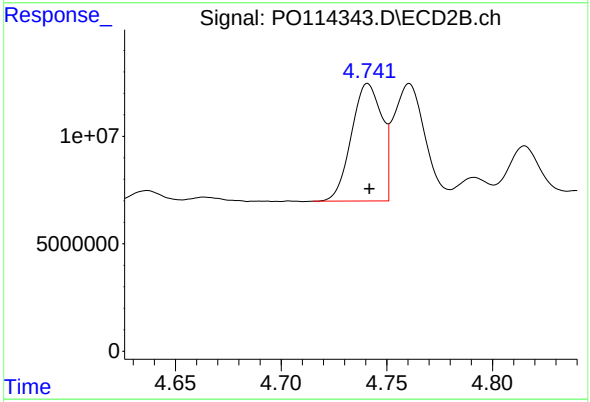
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 205750835
Conc: 53.32 ng/ml



#21 AR-1248-1

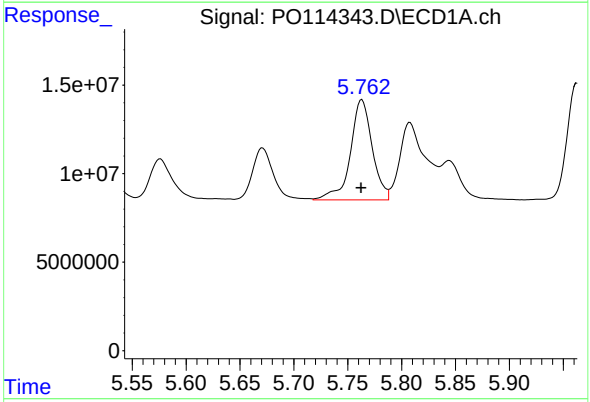
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 55117834
Conc: 560.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248



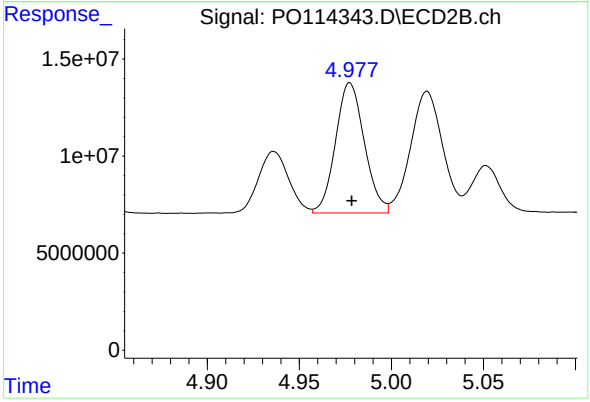
#21 AR-1248-1

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 54823501
Conc: 556.61 ng/ml



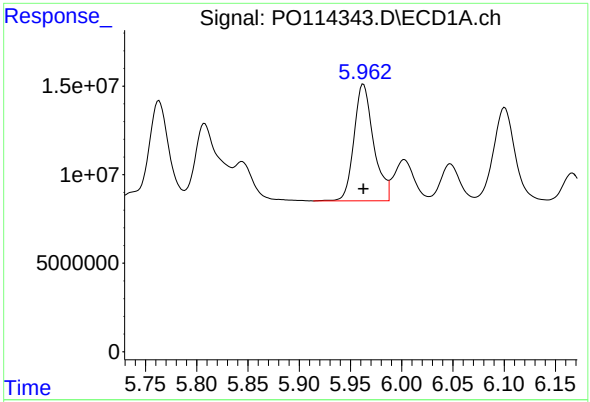
#22 AR-1248-2

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 79979285
Conc: 557.10 ng/ml



#22 AR-1248-2

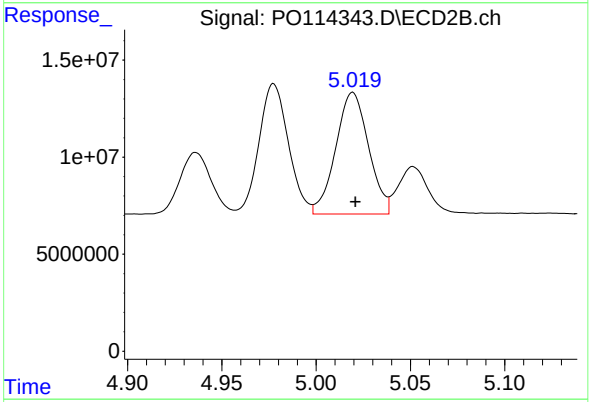
R.T.: 4.977 min
Delta R.T.: -0.001 min
Response: 73013380
Conc: 544.66 ng/ml



#23 AR-1248-3

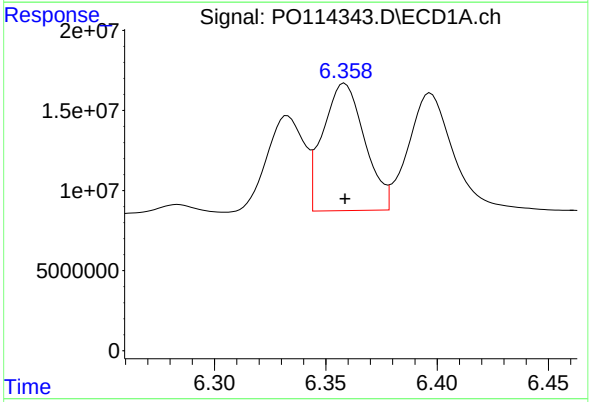
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 87657260
Conc: 551.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248



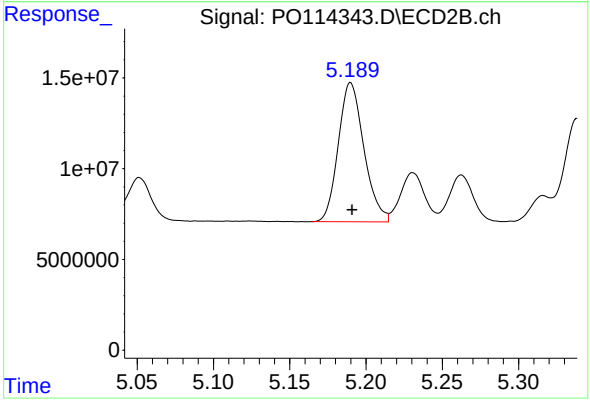
#23 AR-1248-3

R.T.: 5.019 min
Delta R.T.: -0.001 min
Response: 75935860
Conc: 544.18 ng/ml



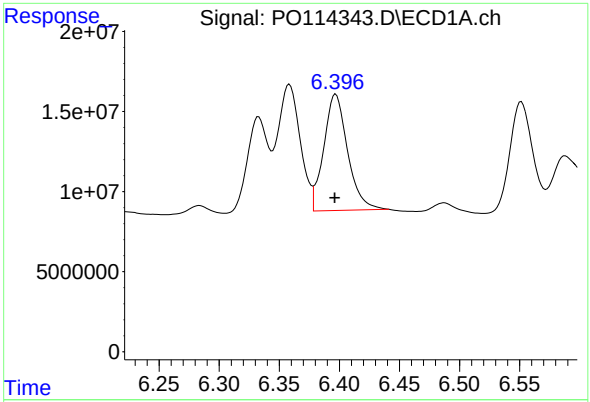
#24 AR-1248-4

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 103944826
Conc: 530.90 ng/ml



#24 AR-1248-4

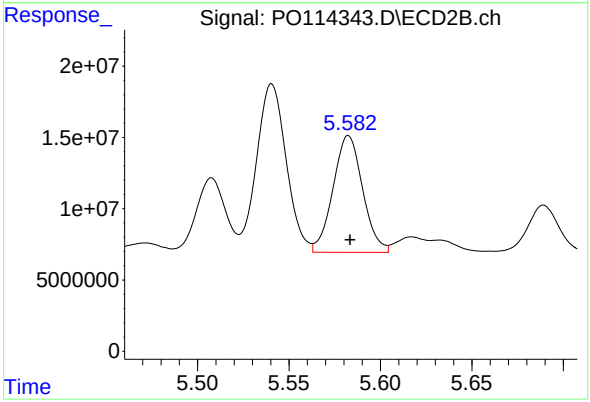
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 89692398
Conc: 545.69 ng/ml



#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)

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

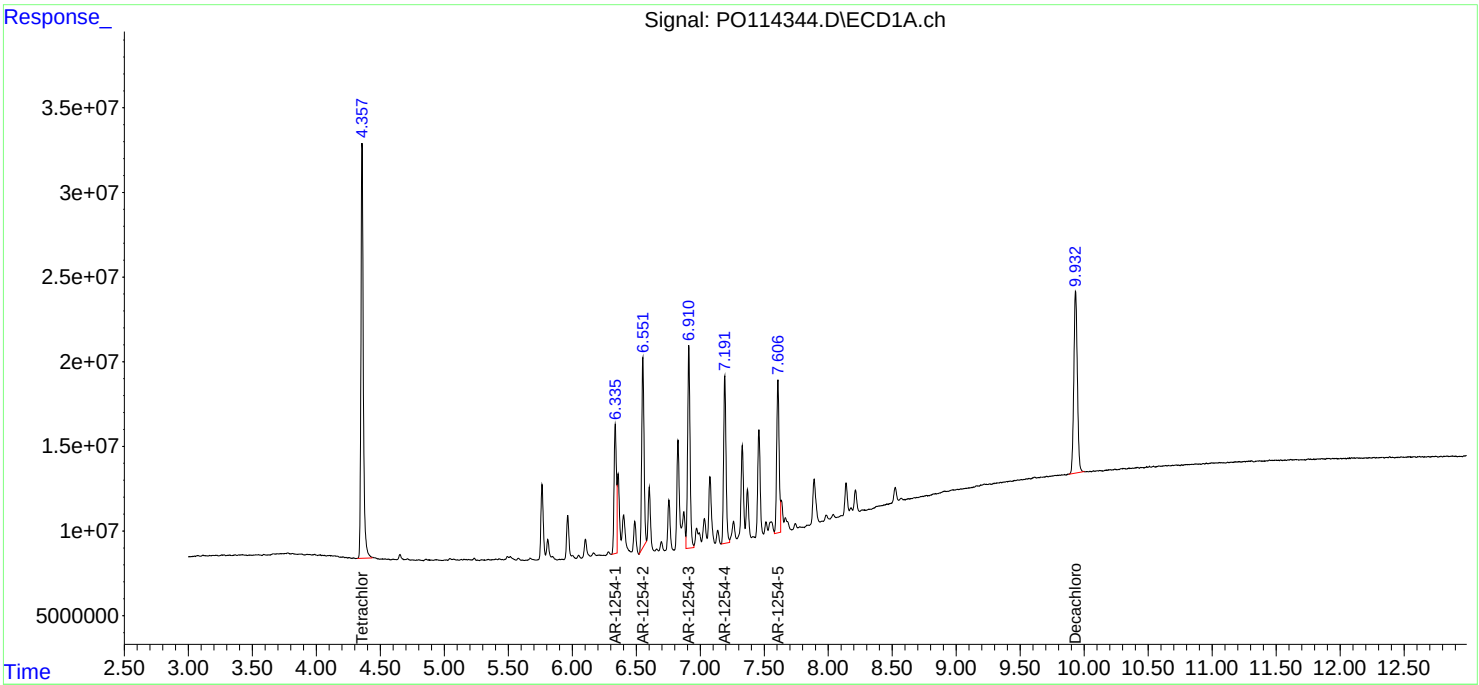
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

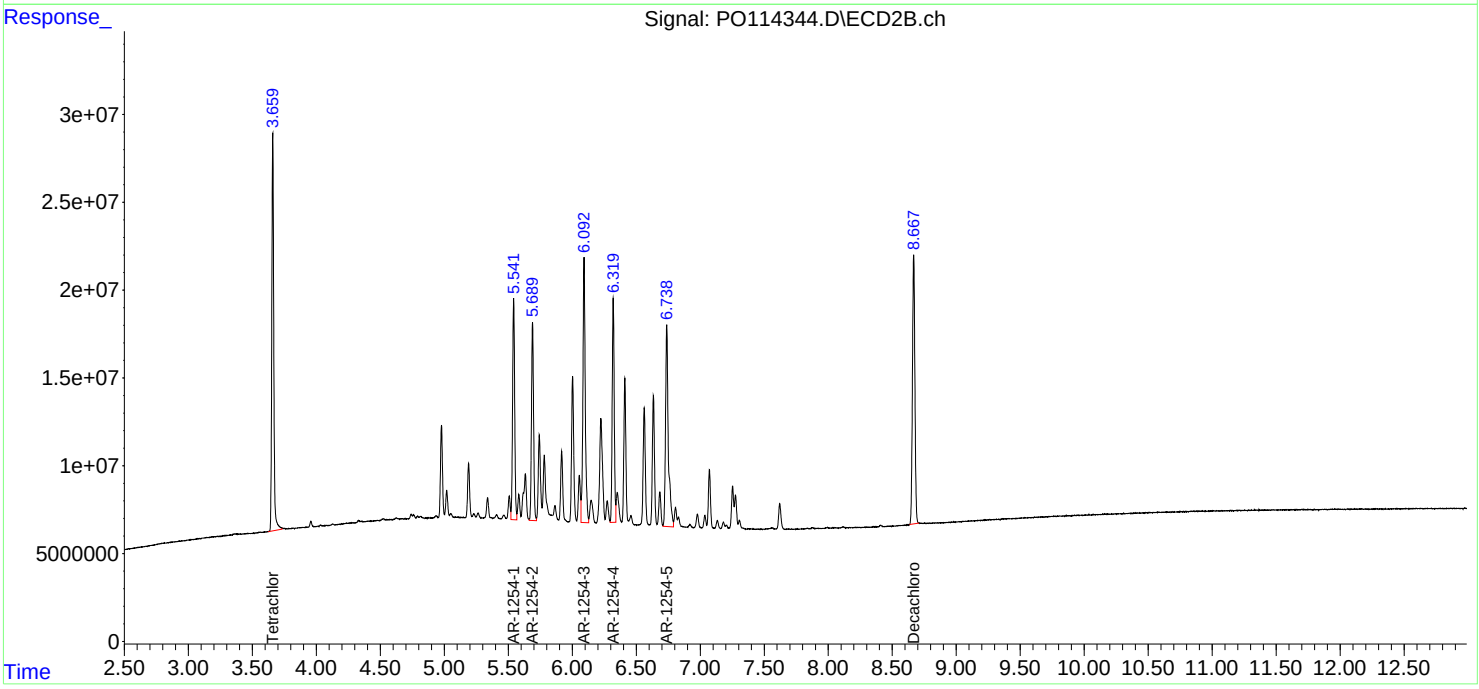
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 00:38
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

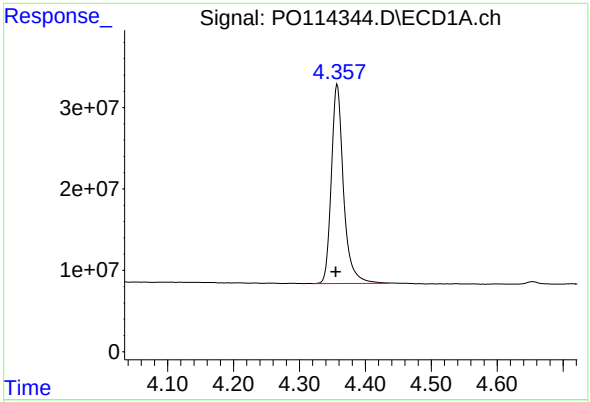
Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254

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



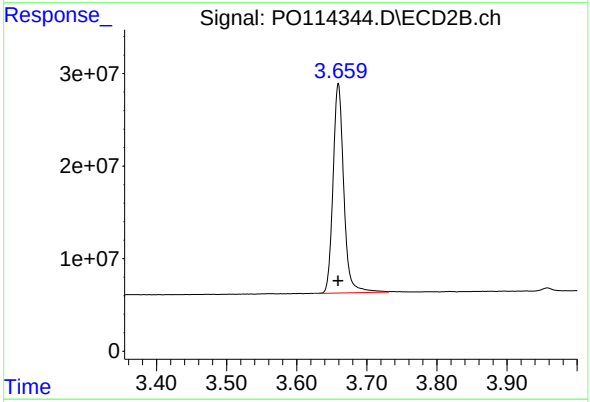




#1 Tetrachloro-m-xylene

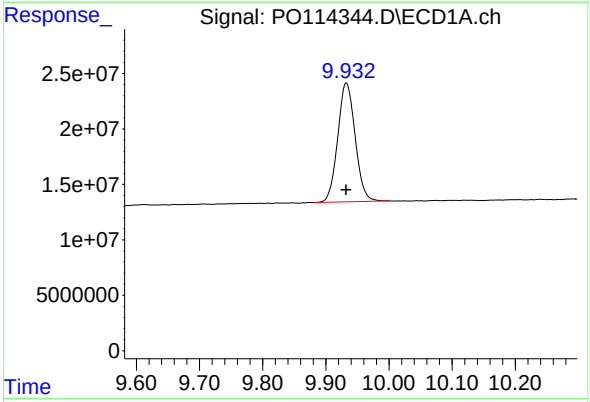
R.T.: 4.357 min
Delta R.T.: 0.002 min
Response: 314337262
Conc: 53.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254



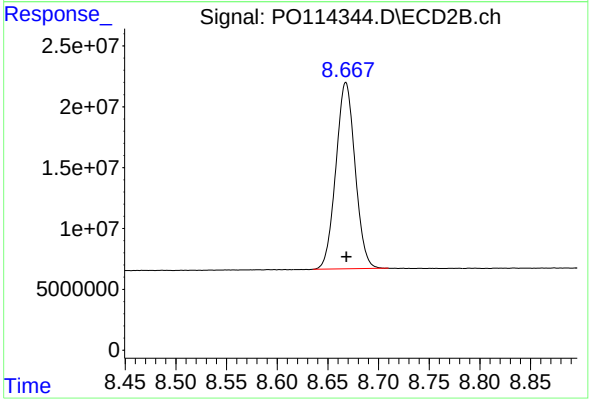
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 240957612
Conc: 54.15 ng/ml



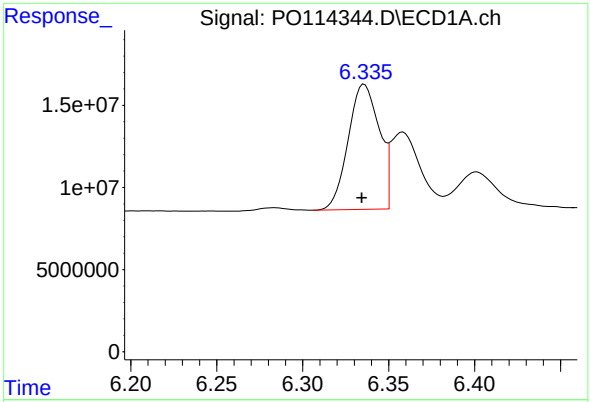
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 205440748
Conc: 54.24 ng/ml



#2 Decachlorobiphenyl

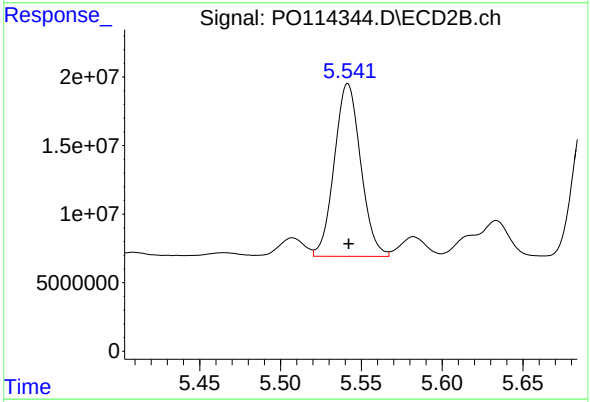
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 202319037
Conc: 53.02 ng/ml



#26 AR-1254-1

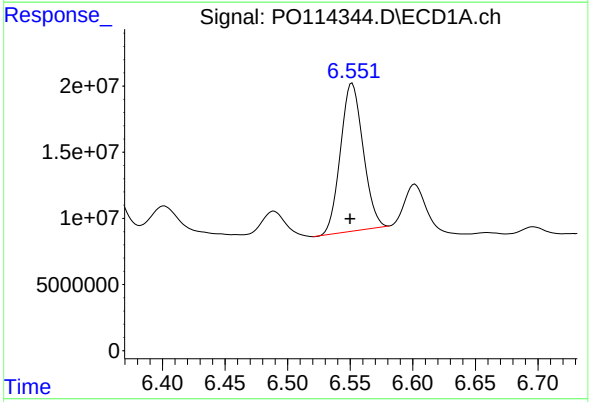
R.T.: 6.336 min
Delta R.T.: 0.002 min
Response: 95733432
Conc: 548.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254



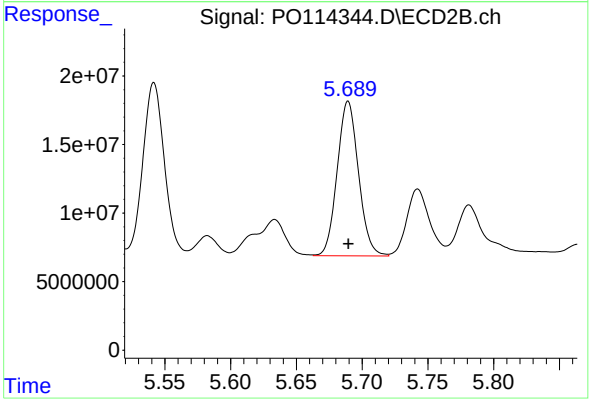
#26 AR-1254-1

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 142952833
Conc: 538.04 ng/ml



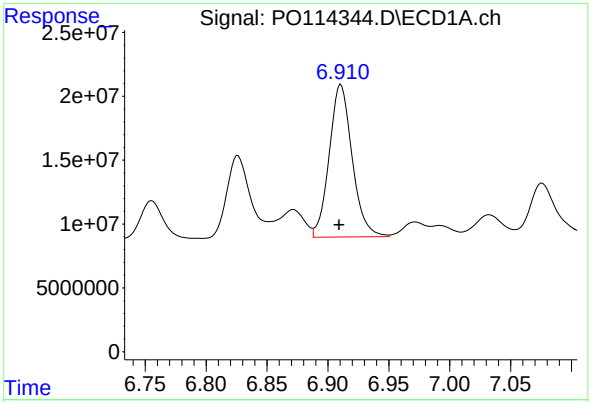
#27 AR-1254-2

R.T.: 6.552 min
Delta R.T.: 0.002 min
Response: 140881990
Conc: 553.11 ng/ml



#27 AR-1254-2

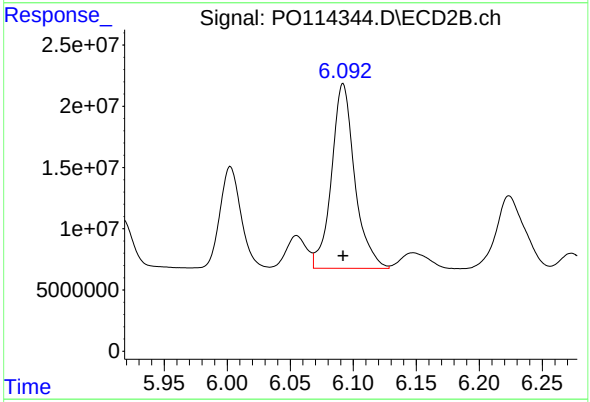
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 127099389
Conc: 533.51 ng/ml



#28 AR-1254-3

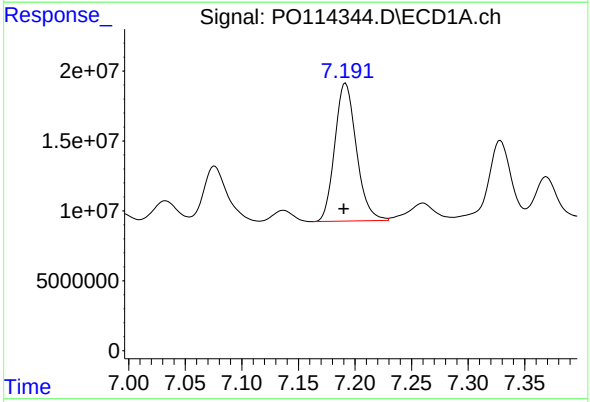
R.T.: 6.911 min
Delta R.T.: 0.001 min
Response: 156538386
Conc: 541.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254



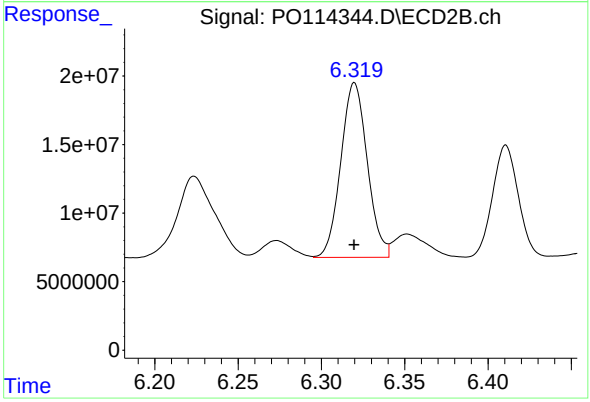
#28 AR-1254-3

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 193466821
Conc: 545.89 ng/ml



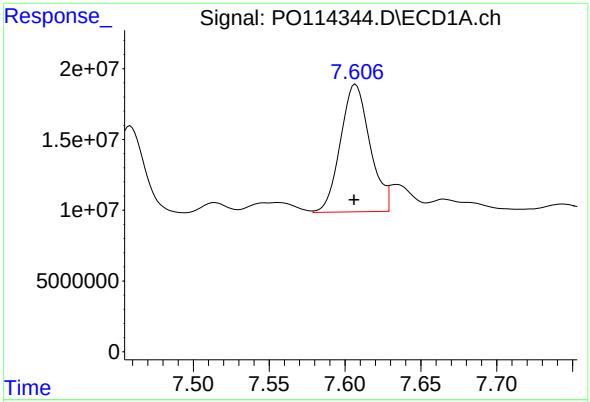
#29 AR-1254-4

R.T.: 7.192 min
Delta R.T.: 0.002 min
Response: 131246064
Conc: 554.61 ng/ml



#29 AR-1254-4

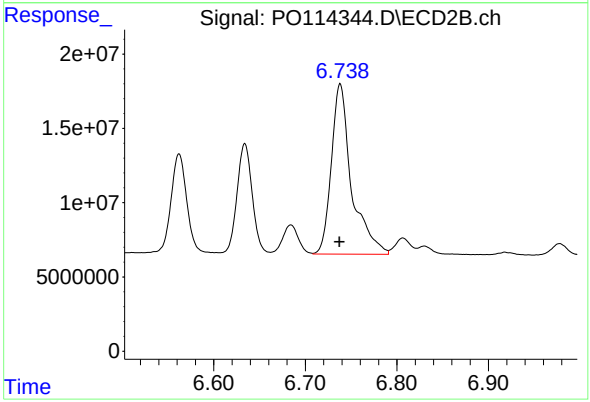
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 140925293
Conc: 545.89 ng/ml



#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)

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

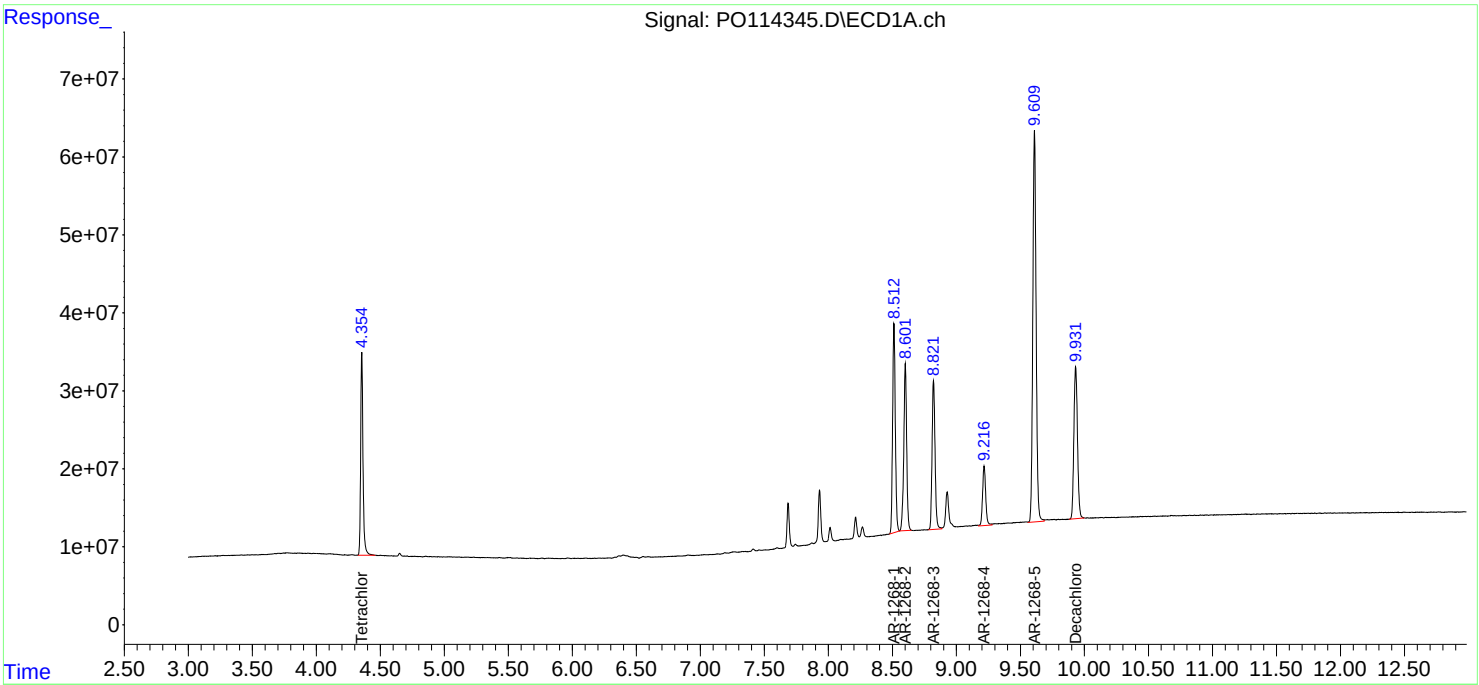
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

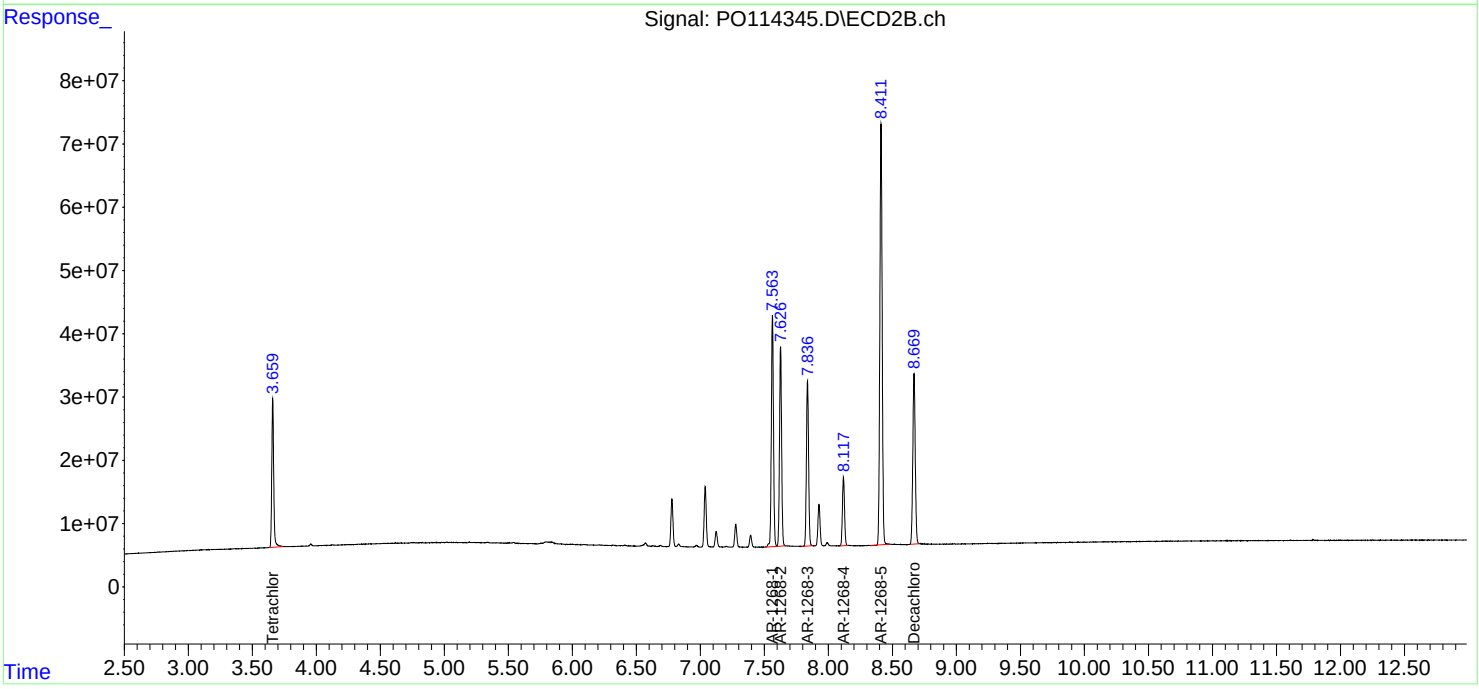
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 01:14
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

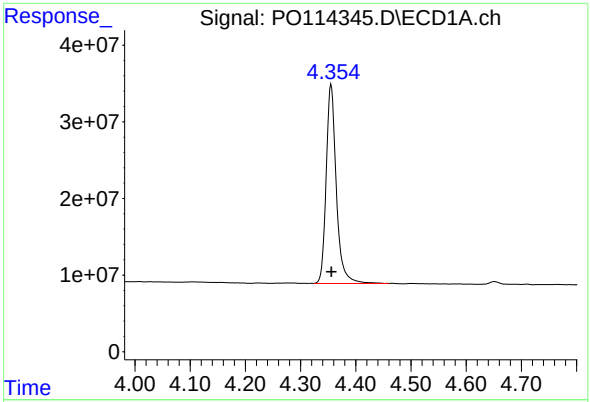
Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268

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



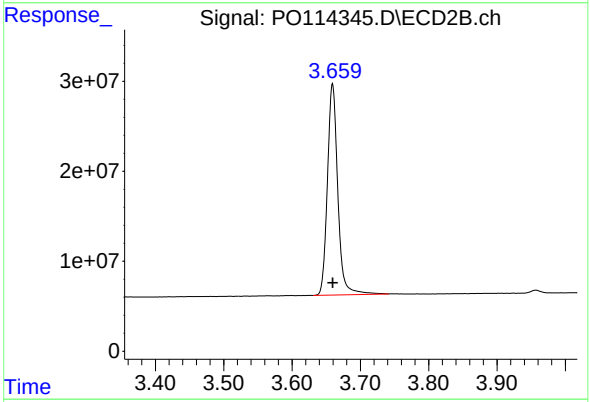




#1 Tetrachloro-m-xylene

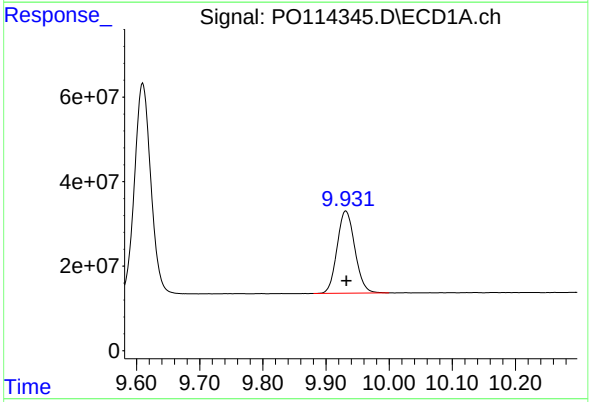
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 331220342
Conc: 53.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268



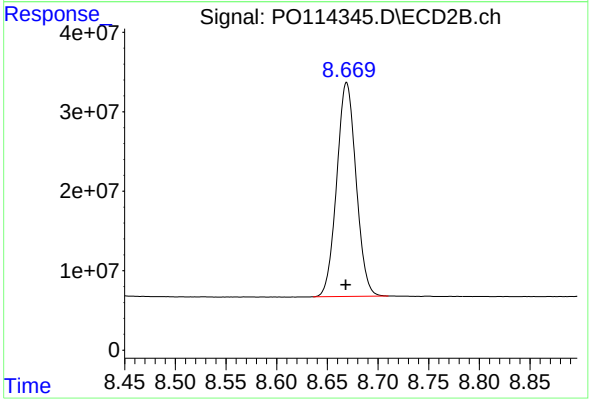
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 248406326
Conc: 52.84 ng/ml



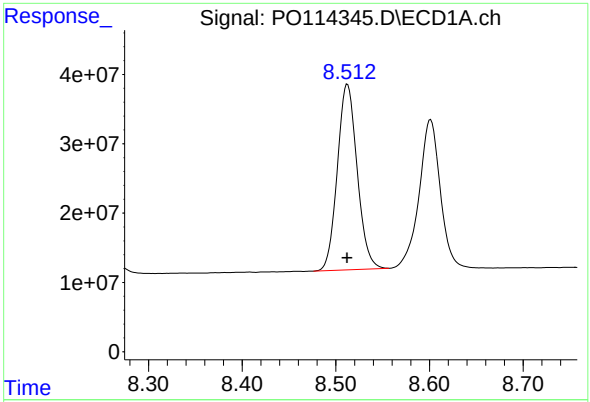
#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 379908036
Conc: 53.87 ng/ml



#2 Decachlorobiphenyl

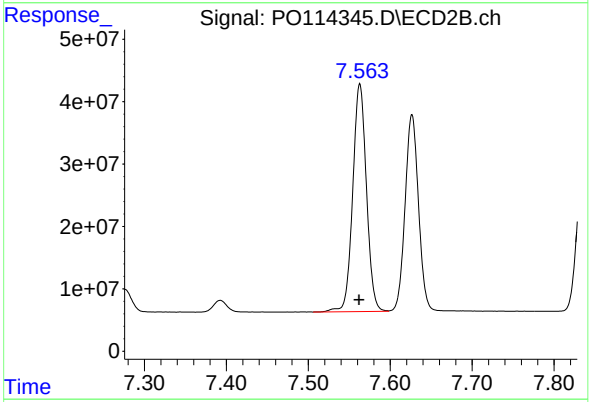
R.T.: 8.669 min
Delta R.T.: 0.001 min
Response: 358205285
Conc: 50.74 ng/ml



#41 AR-1268-1

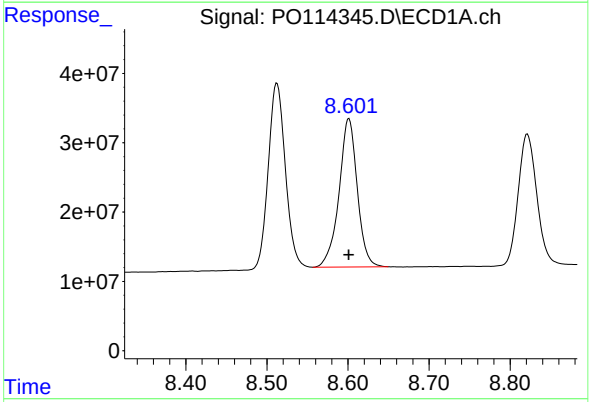
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 393220706
Conc: 536.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268



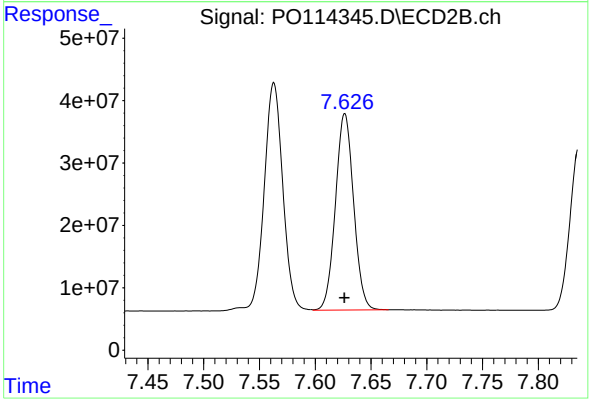
#41 AR-1268-1

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 423896138
Conc: 518.11 ng/ml



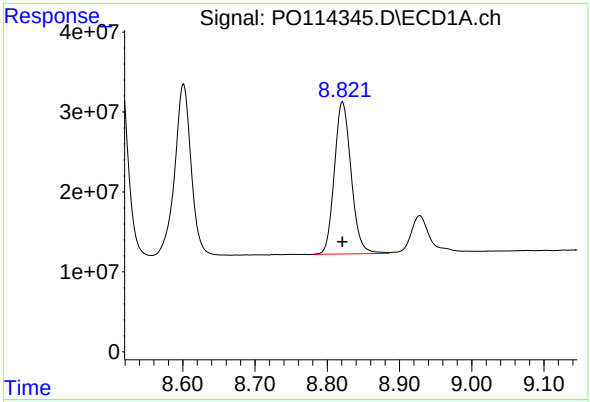
#42 AR-1268-2

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 334747804
Conc: 538.61 ng/ml



#42 AR-1268-2

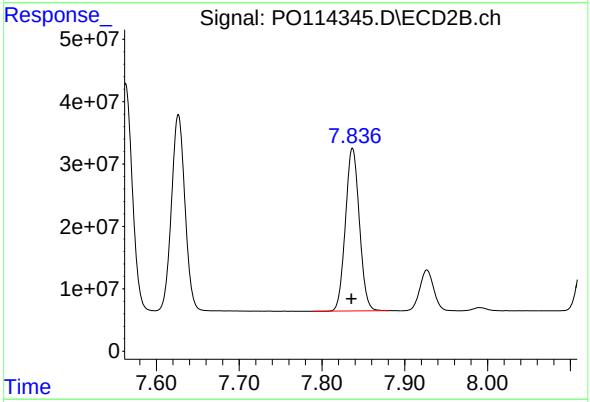
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 356632460
Conc: 519.30 ng/ml



#43 AR-1268-3

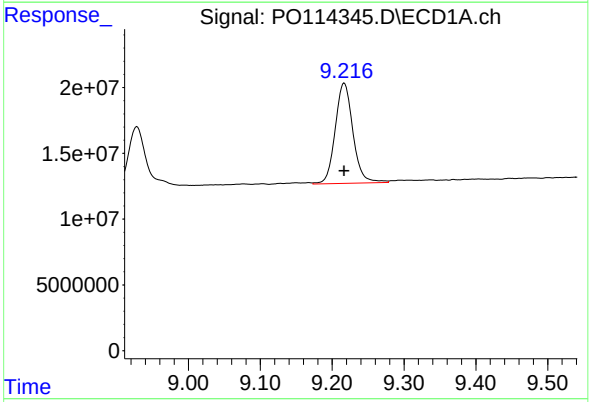
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 306864864
Conc: 536.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268



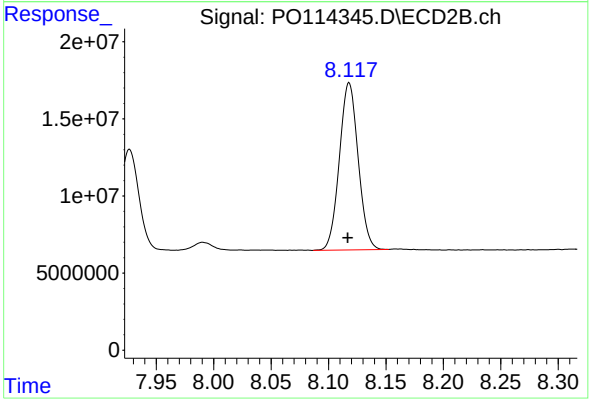
#43 AR-1268-3

R.T.: 7.837 min
Delta R.T.: 0.001 min
Response: 305316324
Conc: 517.13 ng/ml



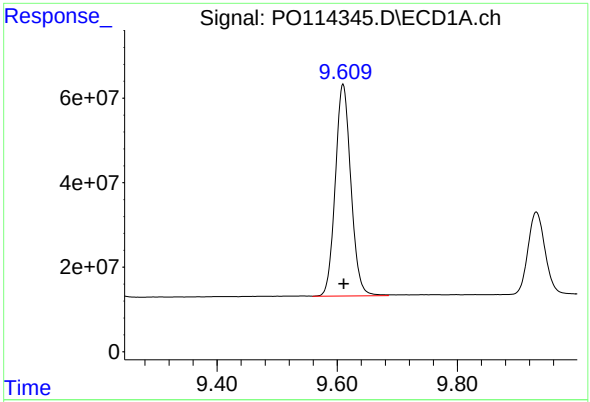
#44 AR-1268-4

R.T.: 9.217 min
Delta R.T.: 0.000 min
Response: 131012237
Conc: 530.33 ng/ml



#44 AR-1268-4

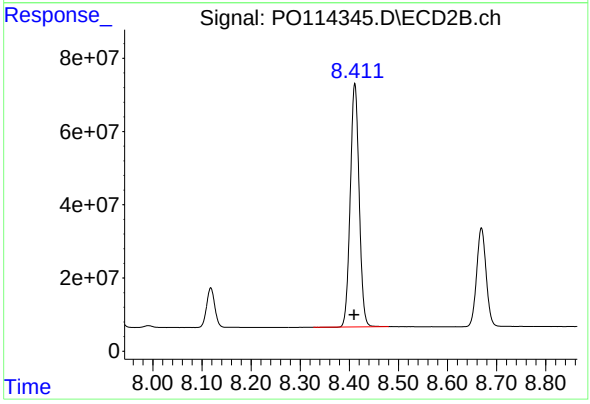
R.T.: 8.118 min
Delta R.T.: 0.001 min
Response: 123808824
Conc: 517.54 ng/ml



#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

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.:** Q3393
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

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.:** Q3393
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

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.: Q3393
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

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_Q
Contract: AECO02
SDG NO.: Q3393
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

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.:** Q3393

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

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.:** Q3393

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

Quantitation Report (QT Reviewed)

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

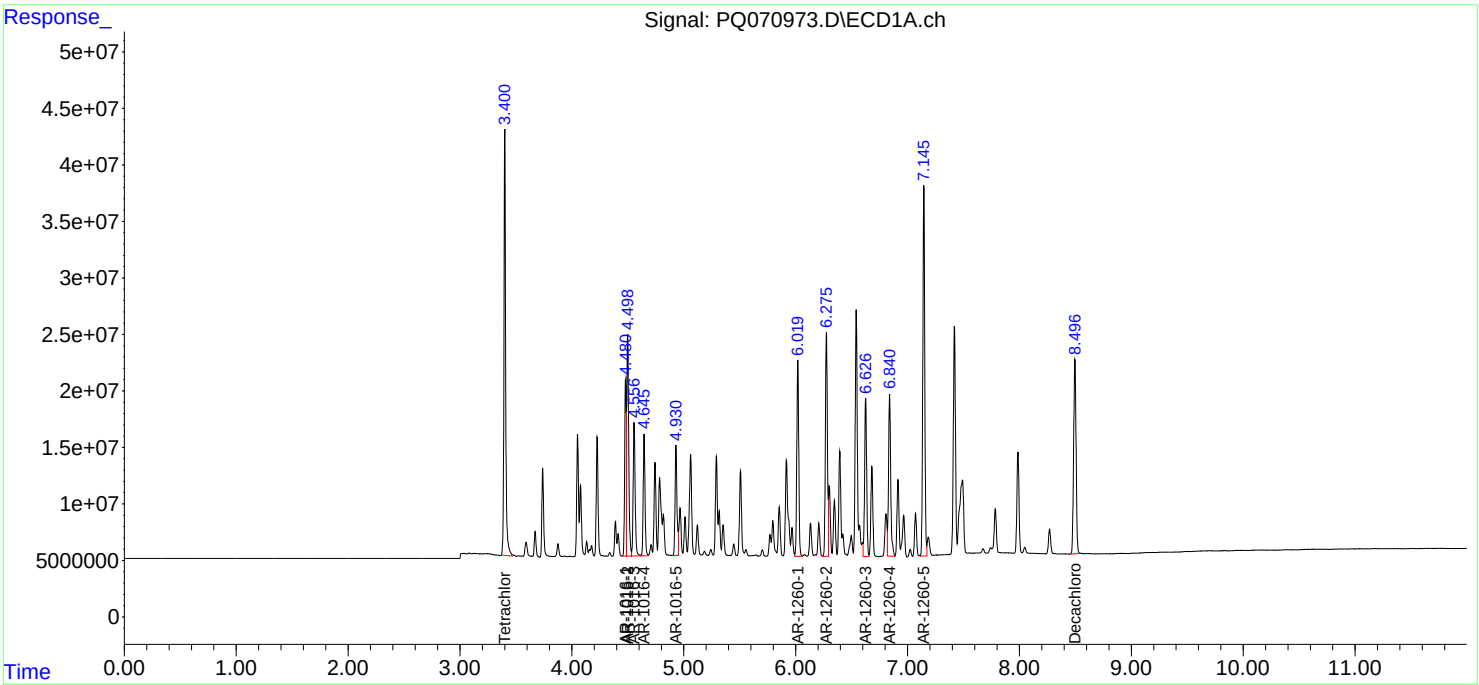
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

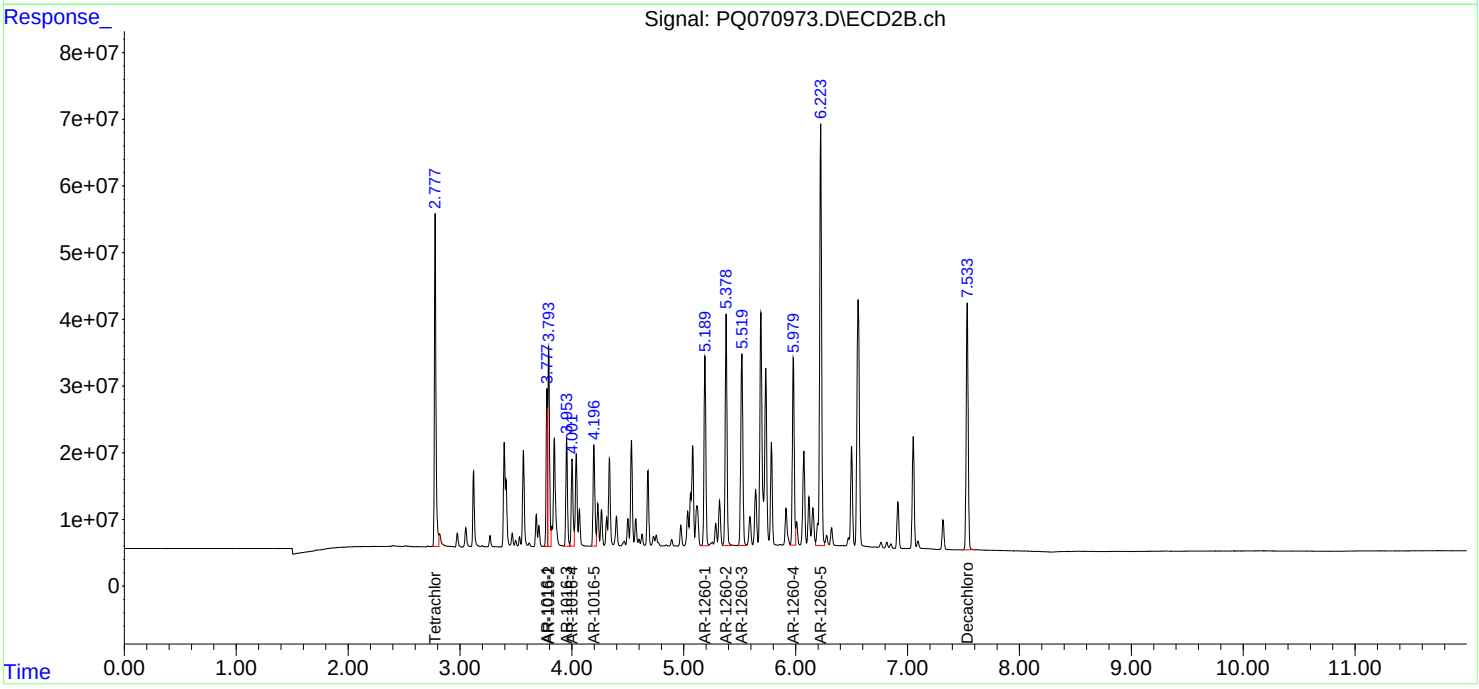
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

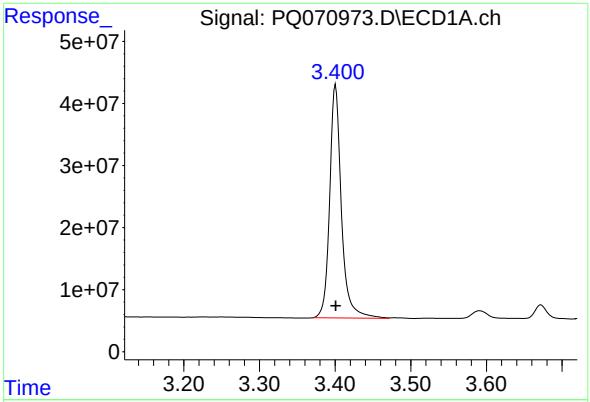
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

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



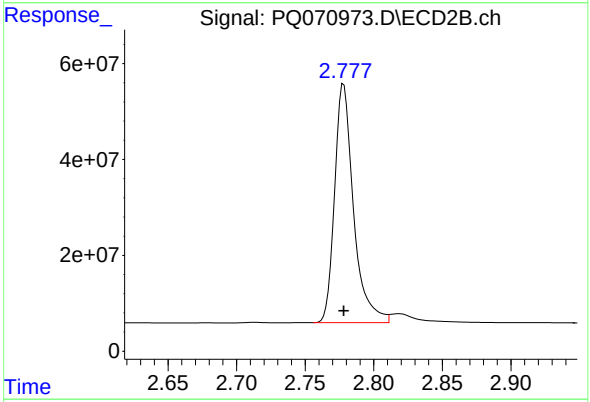




#1 Tetrachloro-m-xylene

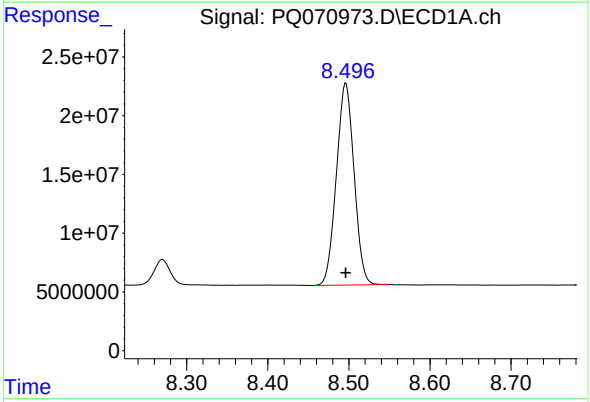
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 404899105
Conc: 95.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



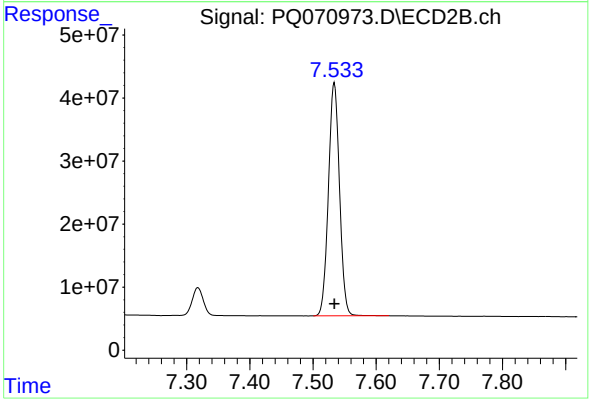
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 479082474
Conc: 94.83 ng/ml



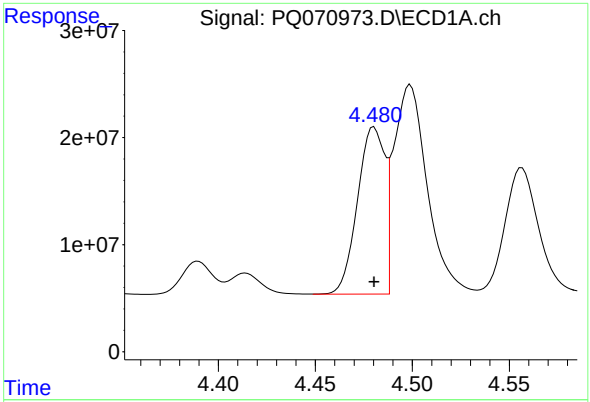
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 260399792
Conc: 92.65 ng/ml



#2 Decachlorobiphenyl

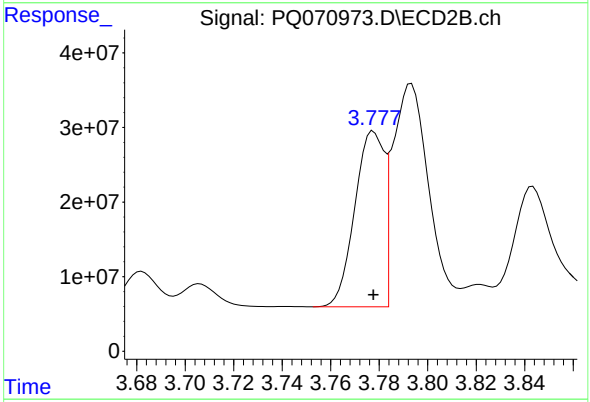
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 451185541
Conc: 93.25 ng/ml



#3 AR-1016-1

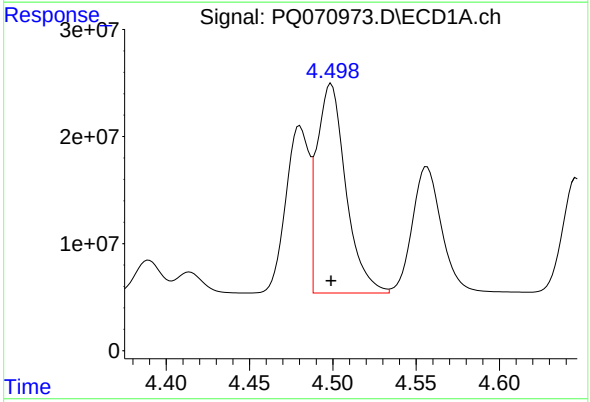
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 152632258
Conc: 947.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



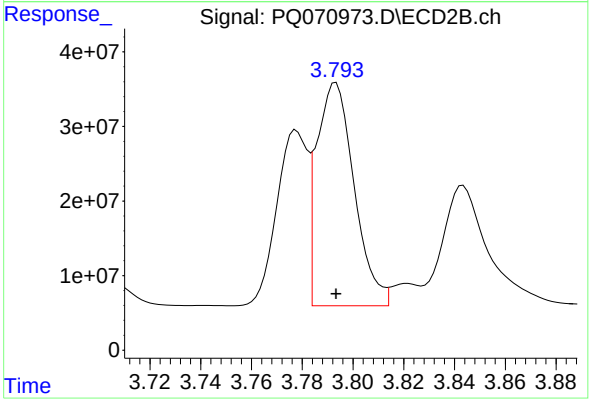
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 198094739
Conc: 929.40 ng/ml



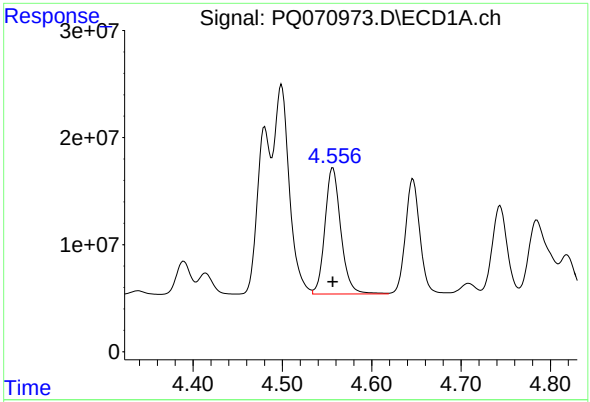
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 235274296
Conc: 941.32 ng/ml



#4 AR-1016-2

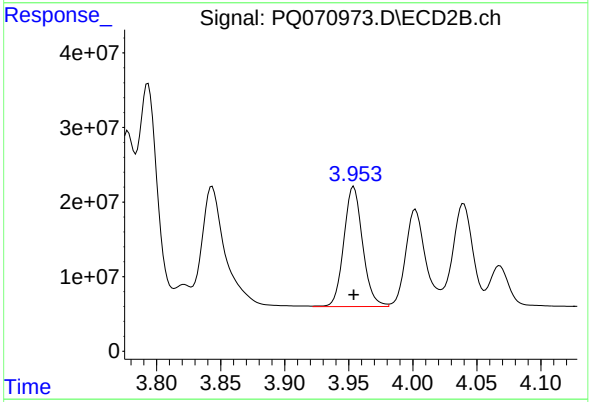
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 306974778
Conc: 940.79 ng/ml



#5 AR-1016-3

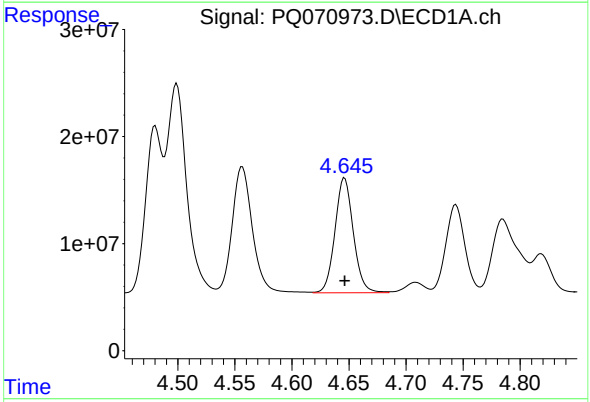
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 145675938
Conc: 939.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



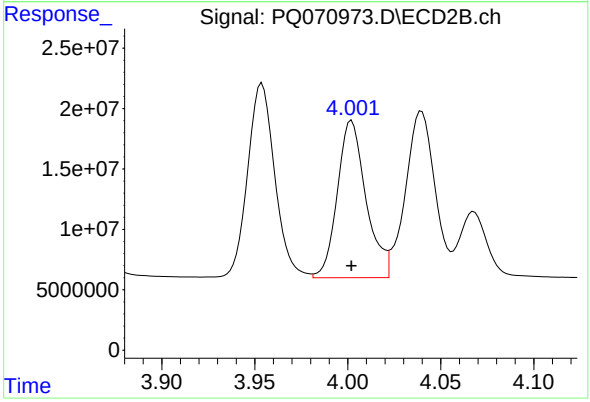
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 164197912
Conc: 934.98 ng/ml



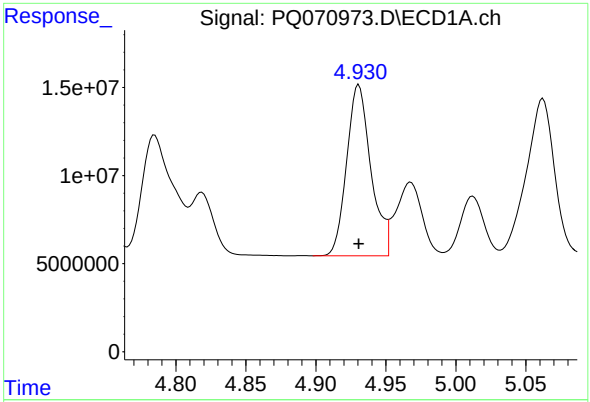
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 120162951
Conc: 942.41 ng/ml



#6 AR-1016-4

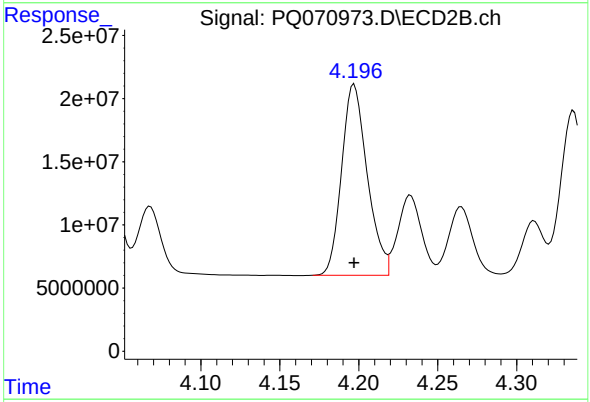
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 139678855
Conc: 928.59 ng/ml



#7 AR-1016-5

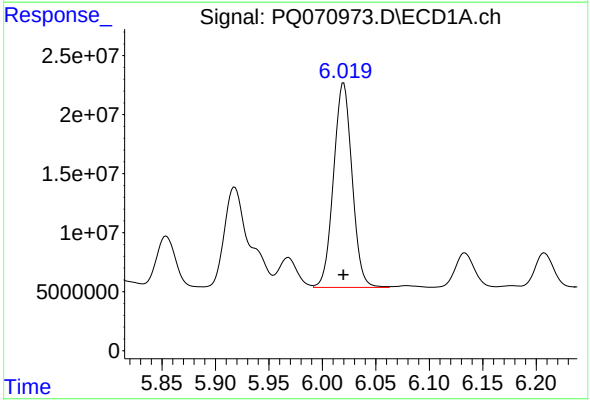
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 117231883
Conc: 935.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



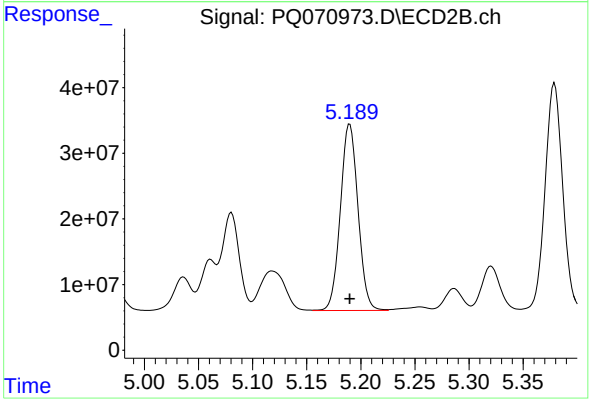
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 171310856
Conc: 930.34 ng/ml



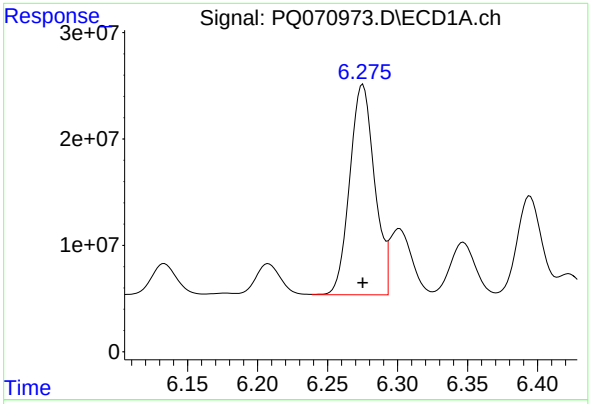
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 208928914
Conc: 926.91 ng/ml



#31 AR-1260-1

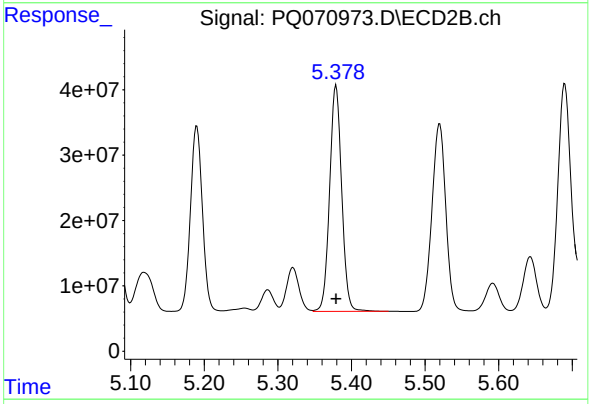
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 322104344
Conc: 936.56 ng/ml



#32 AR-1260-2

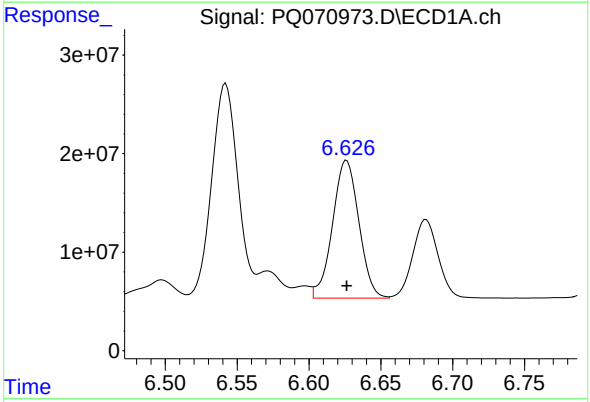
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 243695794
Conc: 917.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



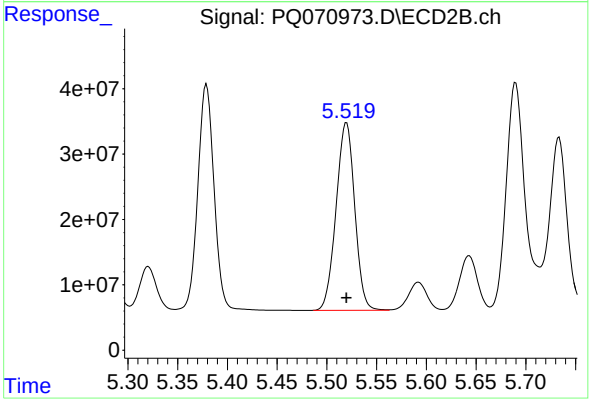
#32 AR-1260-2

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 392921251
Conc: 931.91 ng/ml



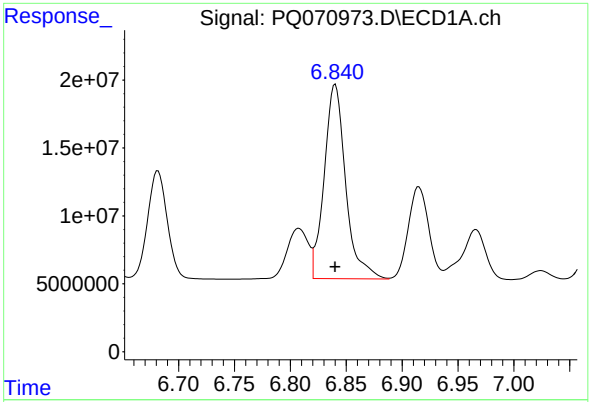
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 178017013
Conc: 930.39 ng/ml



#33 AR-1260-3

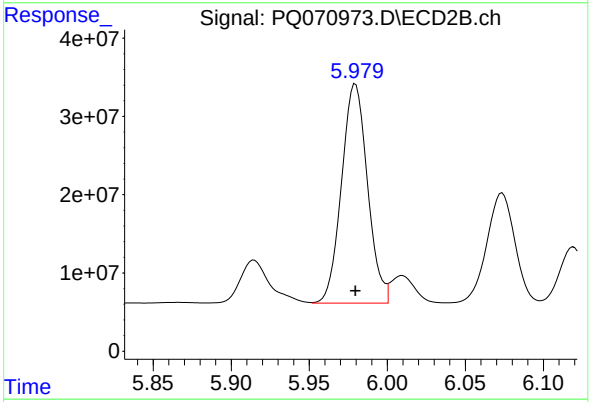
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 374441100
Conc: 938.41 ng/ml



#34 AR-1260-4

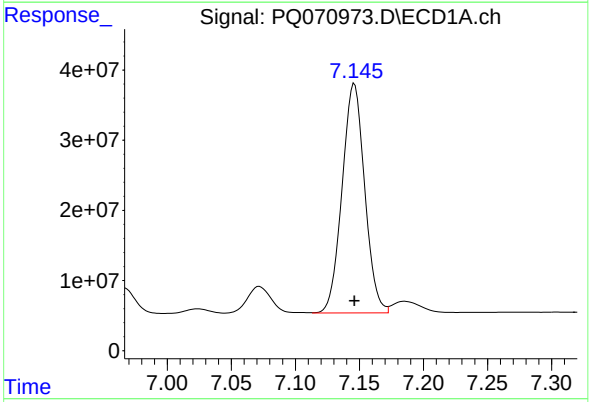
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 191556315
Conc: 922.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



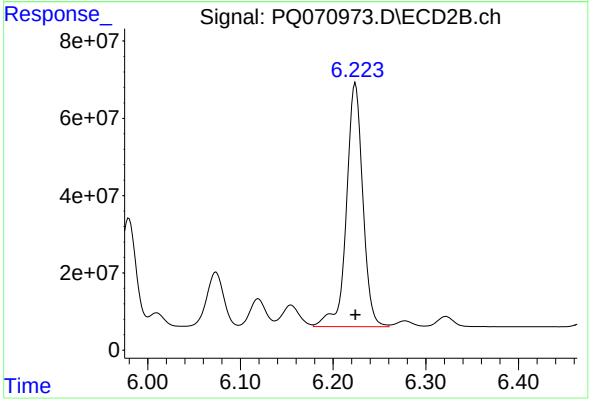
#34 AR-1260-4

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)

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

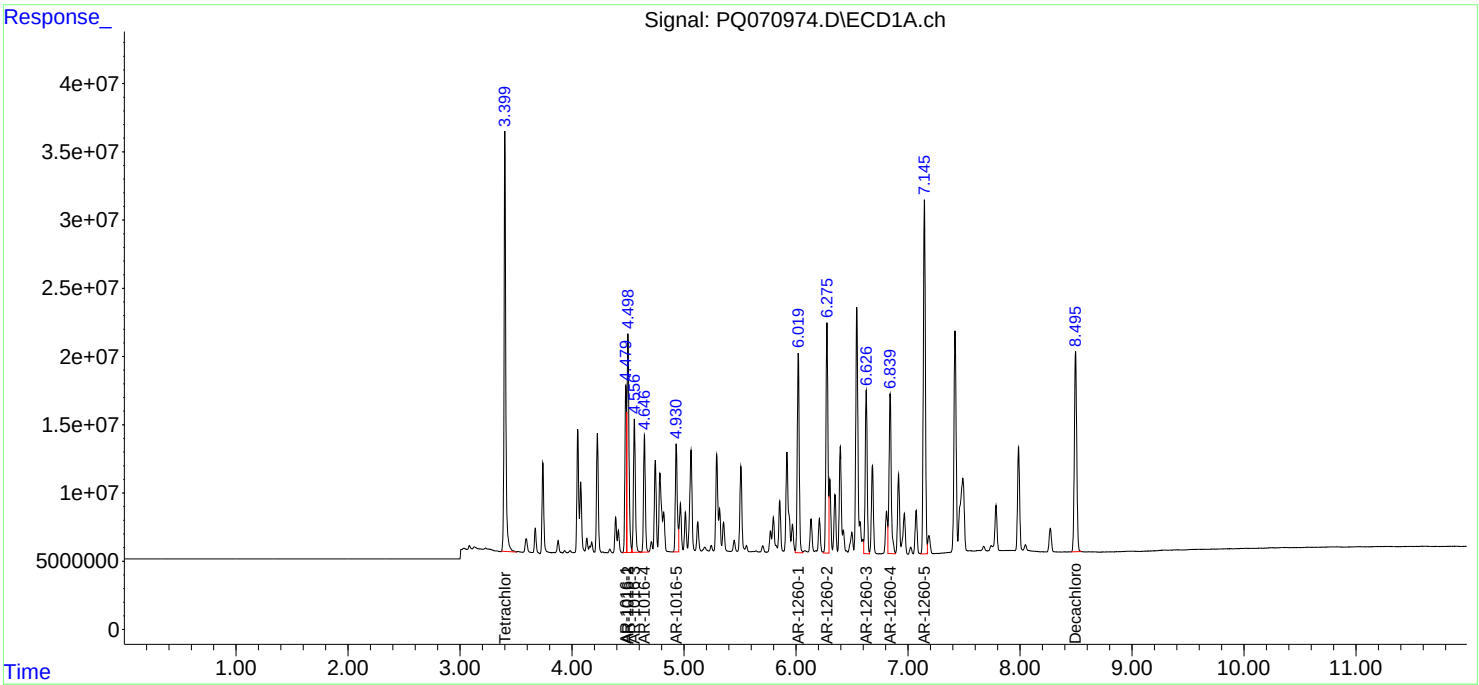
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

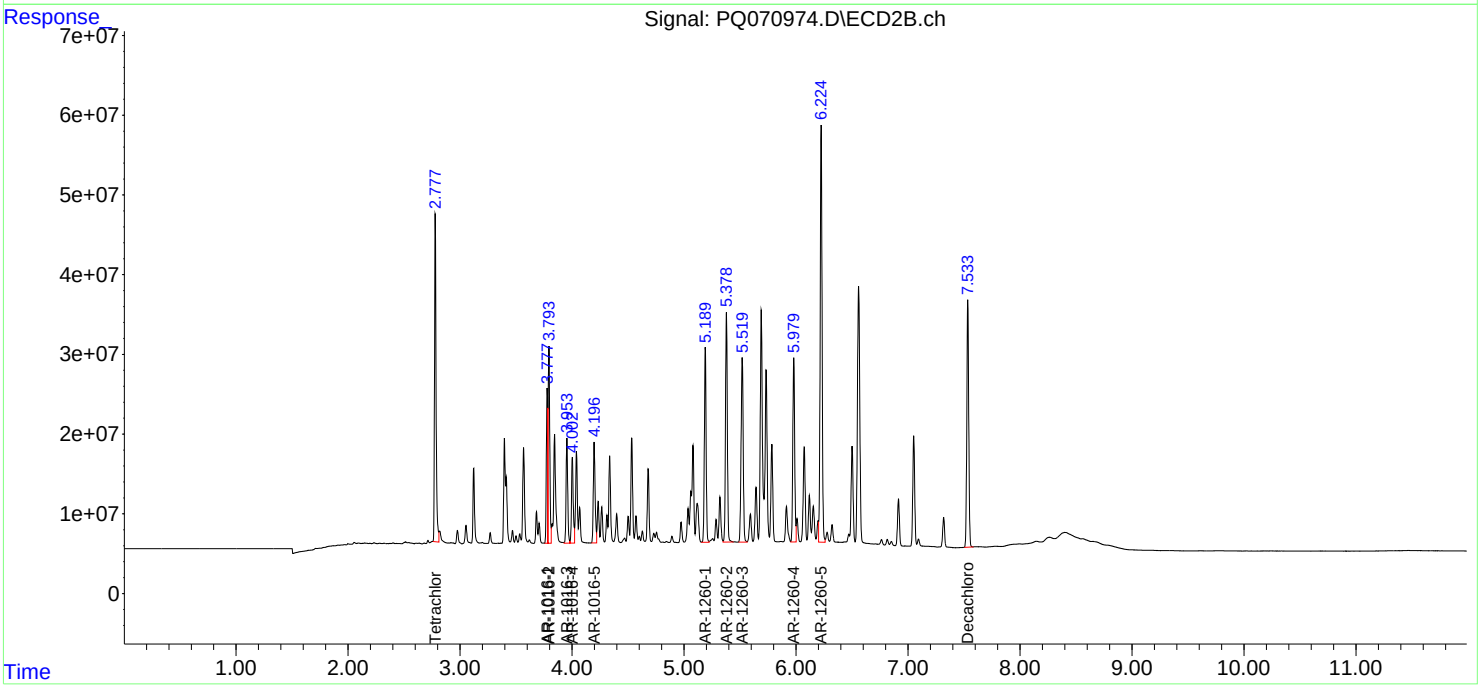
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:11
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

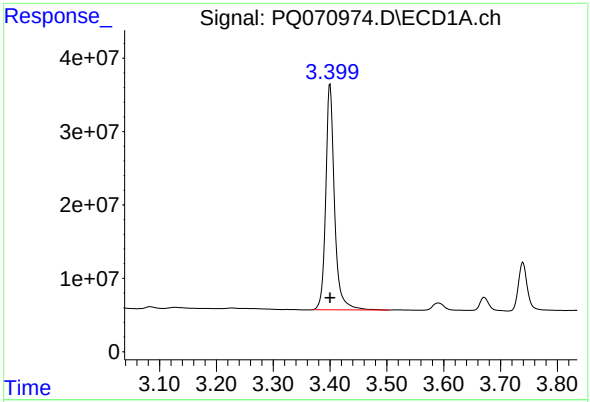
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

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



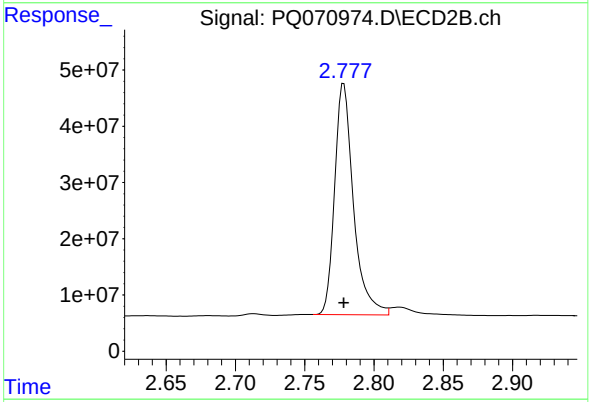




#1 Tetrachloro-m-xylene

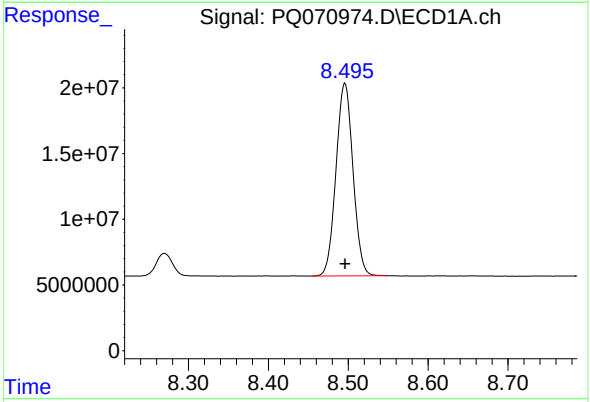
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 331524382
Conc: 77.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



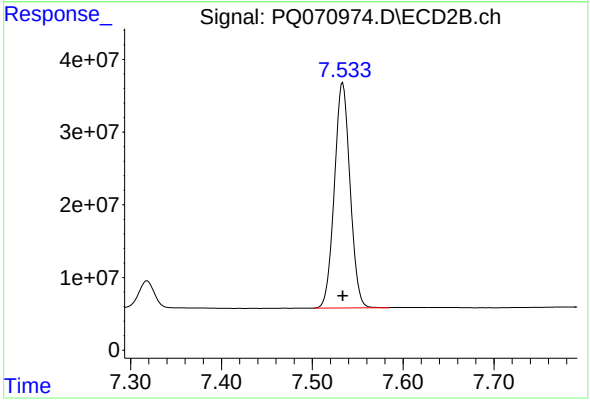
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 388746385
Conc: 76.29 ng/ml



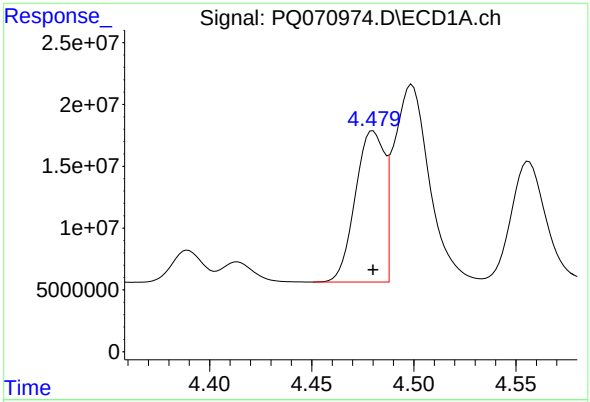
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 216632305
Conc: 76.37 ng/ml



#2 Decachlorobiphenyl

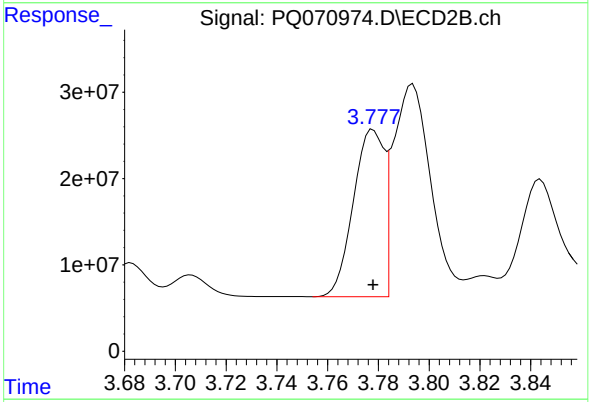
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 371991146
Conc: 76.24 ng/ml



#3 AR-1016-1

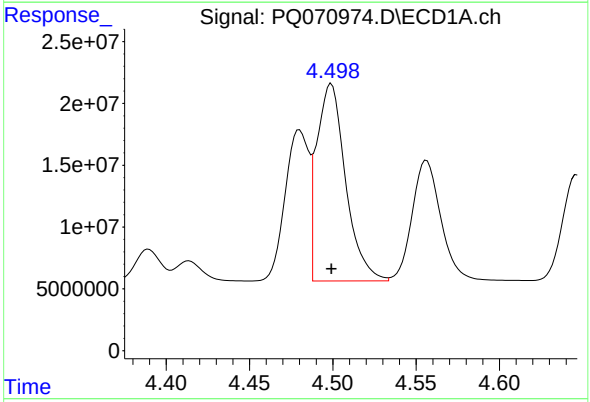
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 121036095
Conc: 750.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



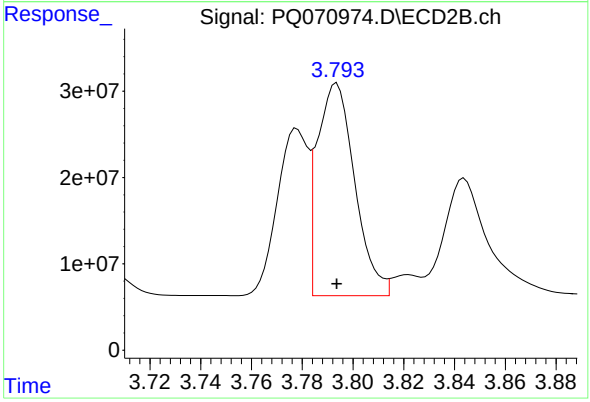
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 162913864
Conc: 759.50 ng/ml



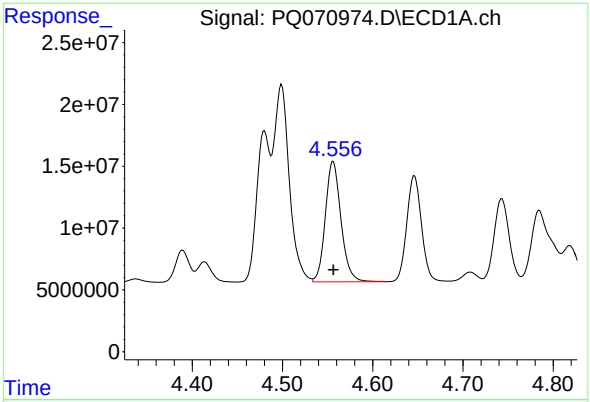
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 192628730
Conc: 763.67 ng/ml



#4 AR-1016-2

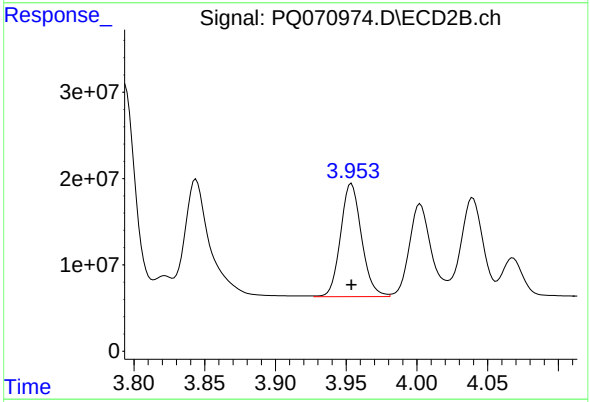
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 252696401
Conc: 766.12 ng/ml



#5 AR-1016-3

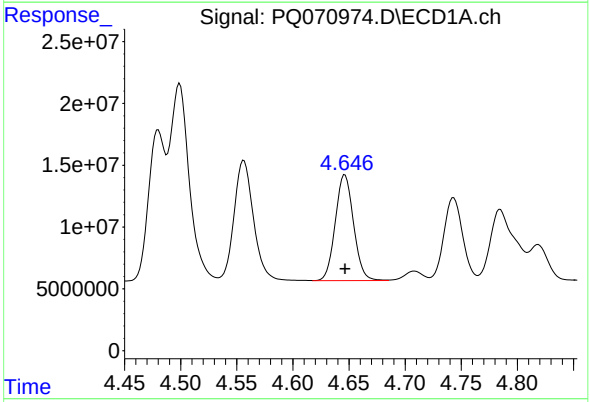
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 117587028
Conc: 755.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



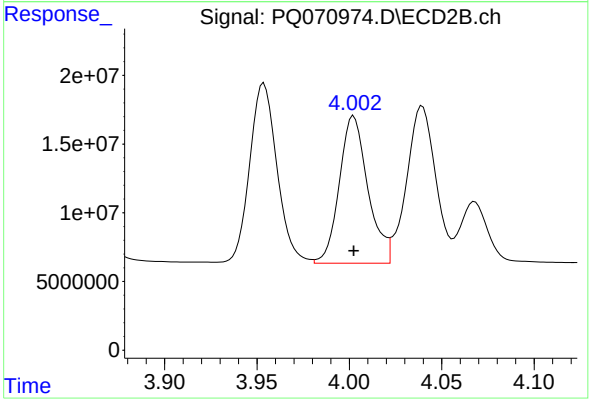
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 135401603
Conc: 763.88 ng/ml



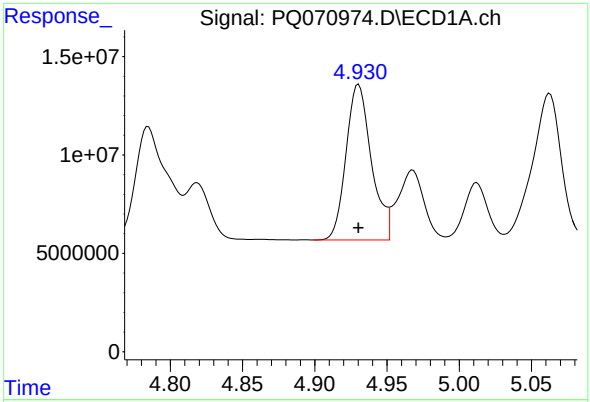
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 97033800
Conc: 757.31 ng/ml



#6 AR-1016-4

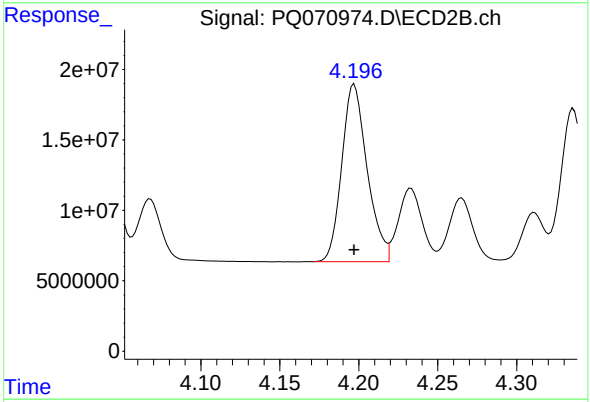
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 115566331
Conc: 762.09 ng/ml



#7 AR-1016-5

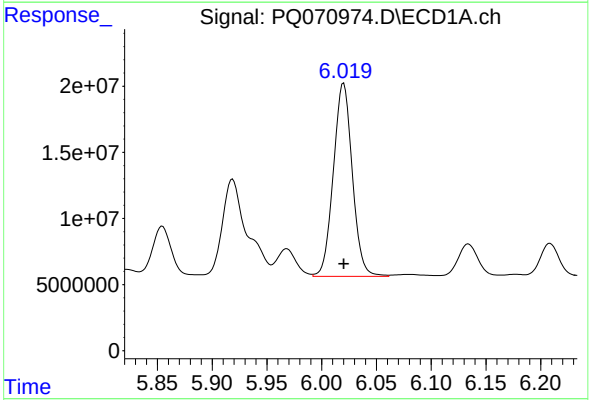
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 96409305
Conc: 762.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



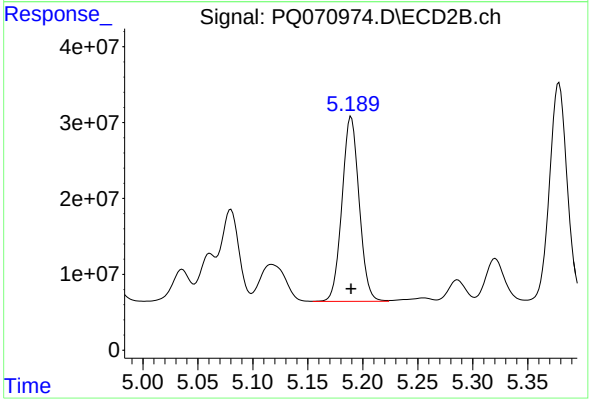
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 140993849
Conc: 760.39 ng/ml



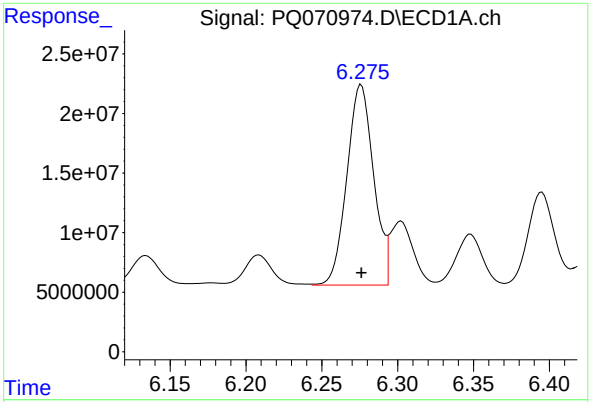
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 175646524
Conc: 769.25 ng/ml



#31 AR-1260-1

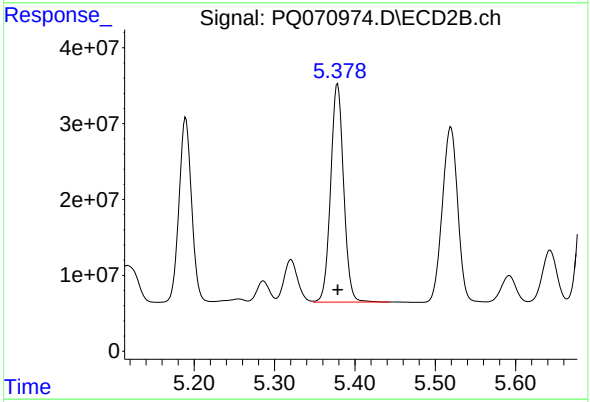
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 264584355
Conc: 762.77 ng/ml



#32 AR-1260-2

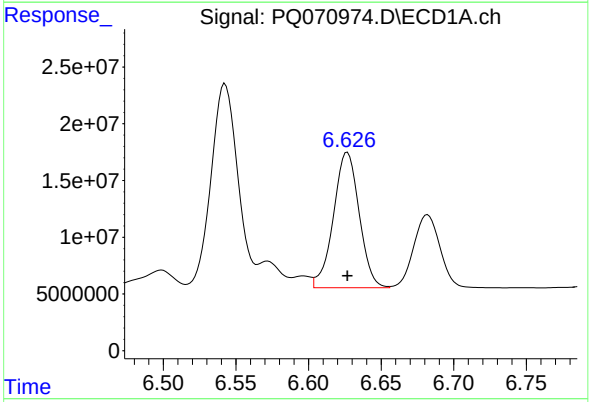
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 206449688
Conc: 767.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



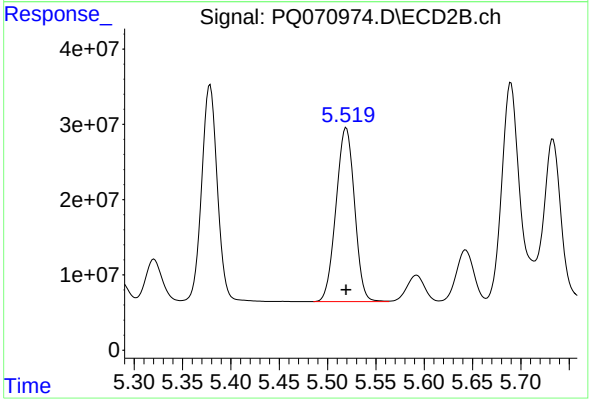
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 324058699
Conc: 762.29 ng/ml



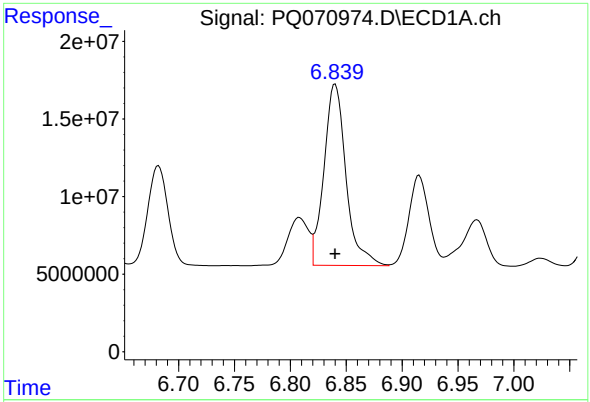
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 147318344
Conc: 763.18 ng/ml



#33 AR-1260-3

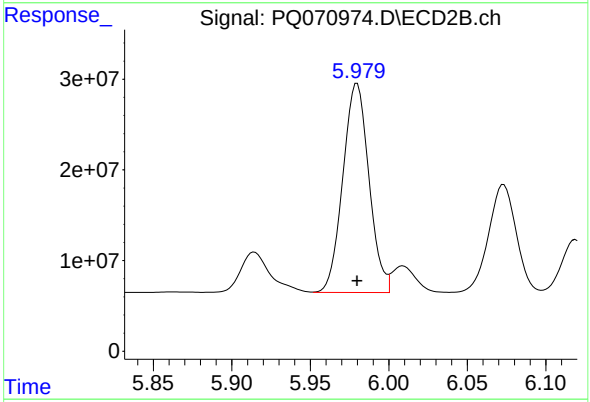
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 307498276
Conc: 763.63 ng/ml



#34 AR-1260-4

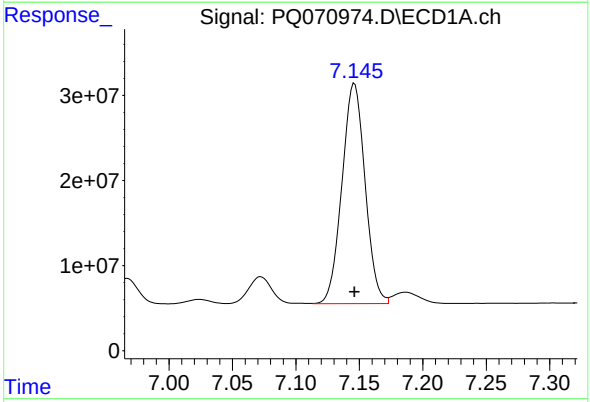
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 160697330
Conc: 765.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



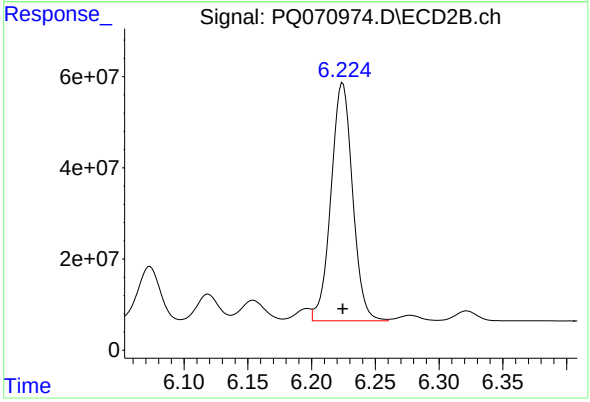
#34 AR-1260-4

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)

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

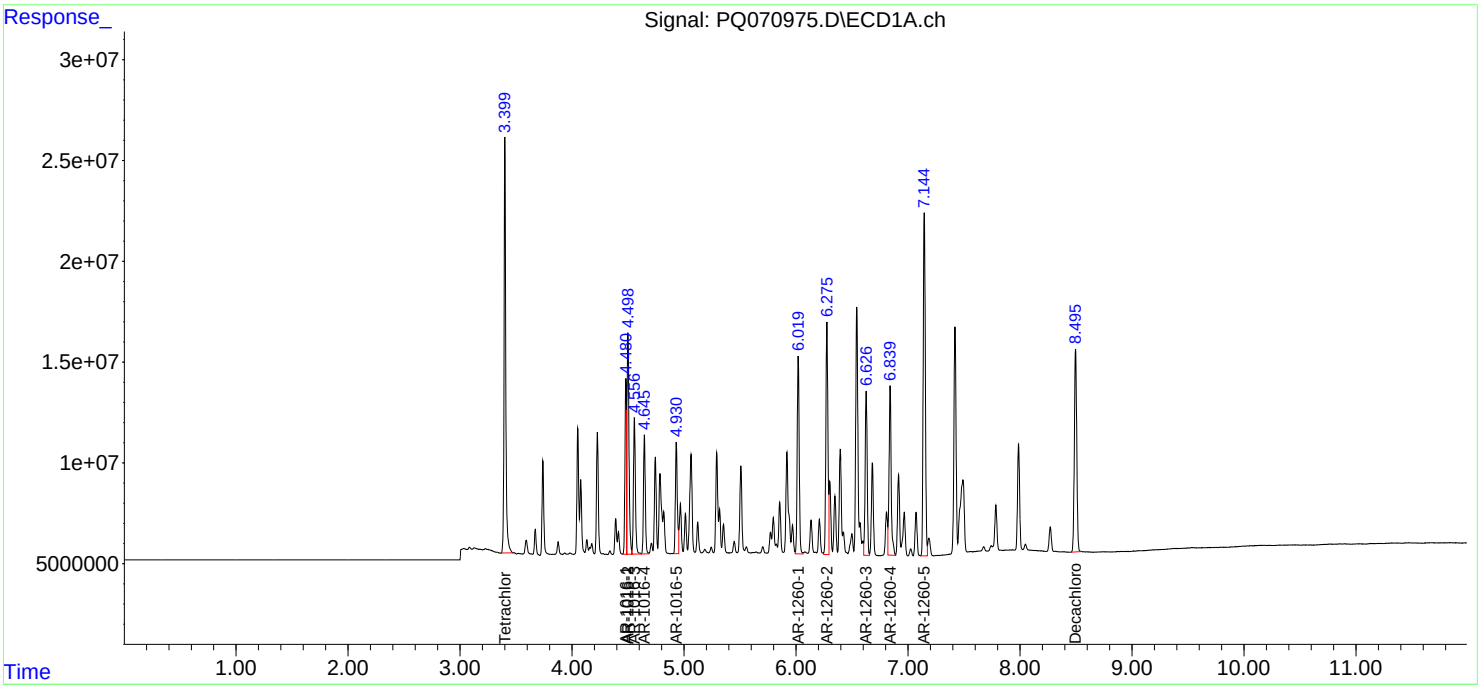
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

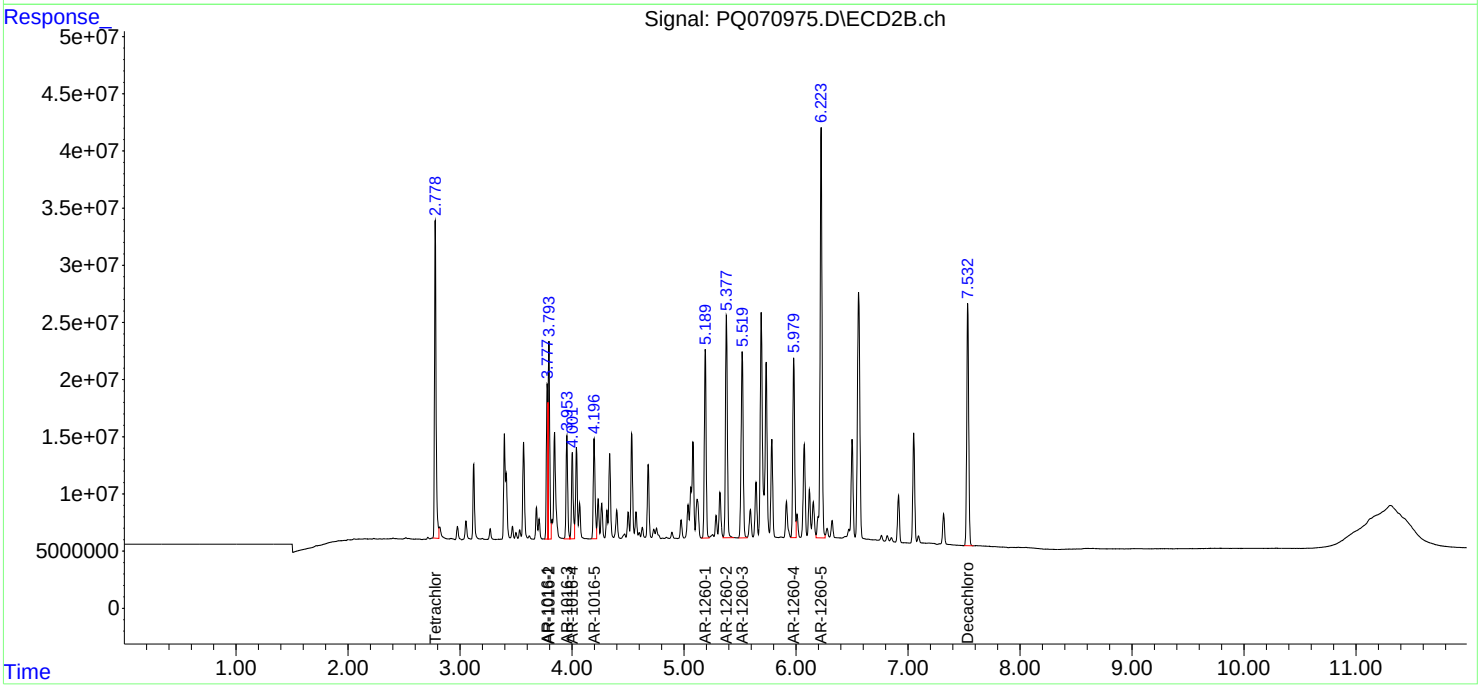
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:26
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

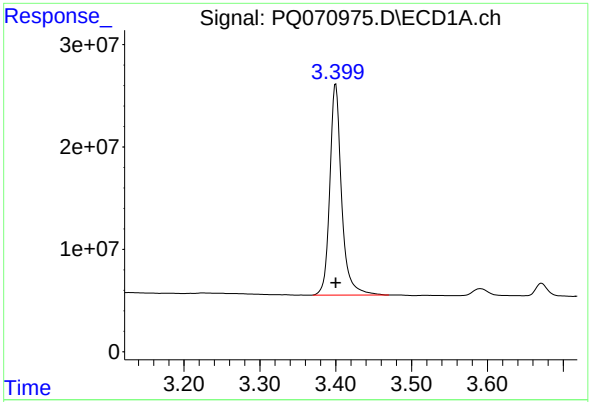
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

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



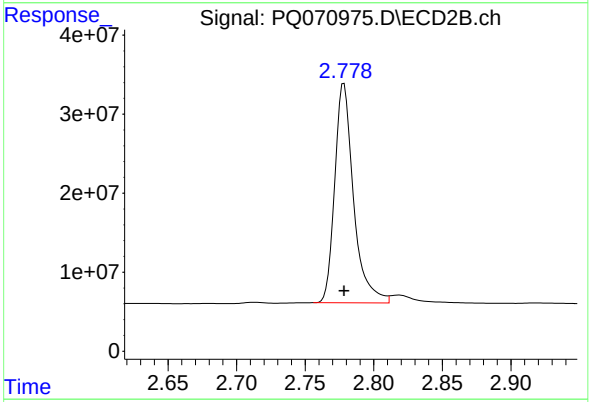




#1 Tetrachloro-m-xylene

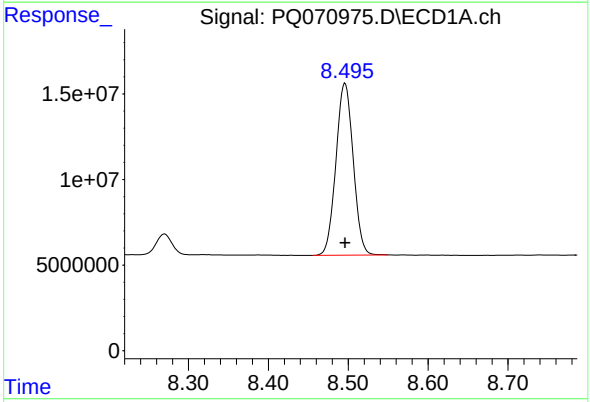
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 222389121
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



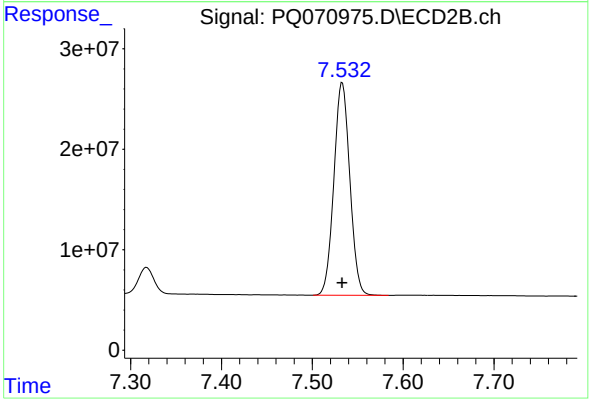
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 265685397
Conc: 50.00 ng/ml



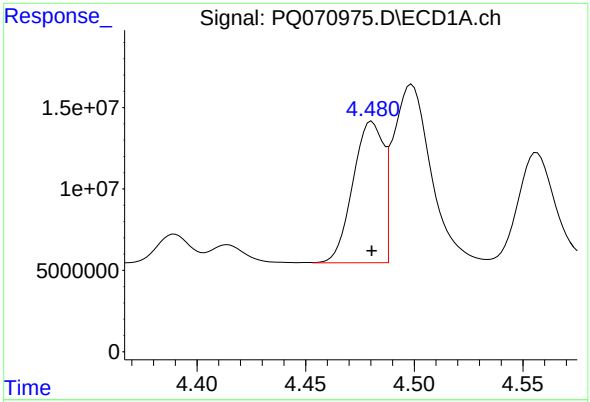
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 150851883
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

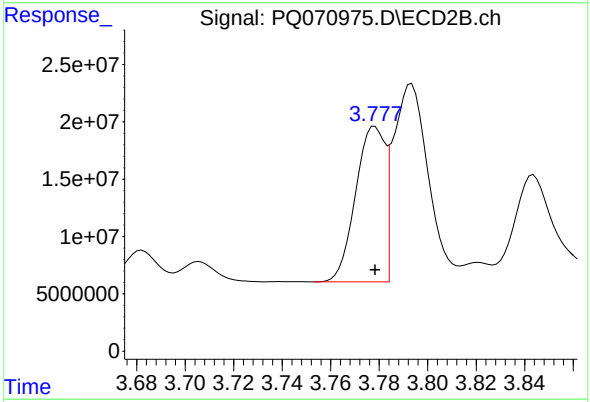
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 258271490
Conc: 50.00 ng/ml



#3 AR-1016-1

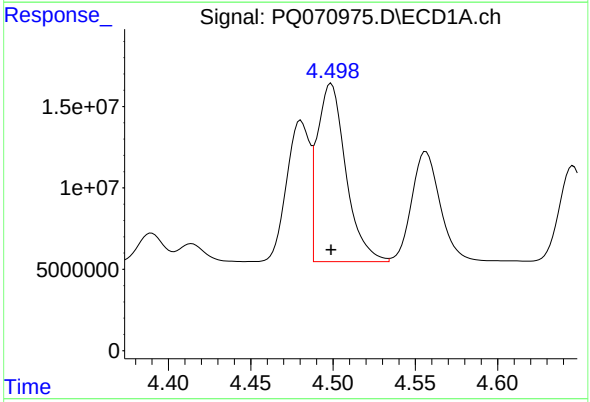
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 84783442
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



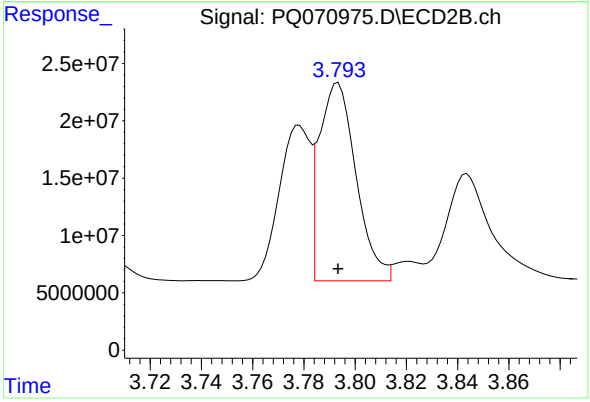
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 114094944
Conc: 500.00 ng/ml



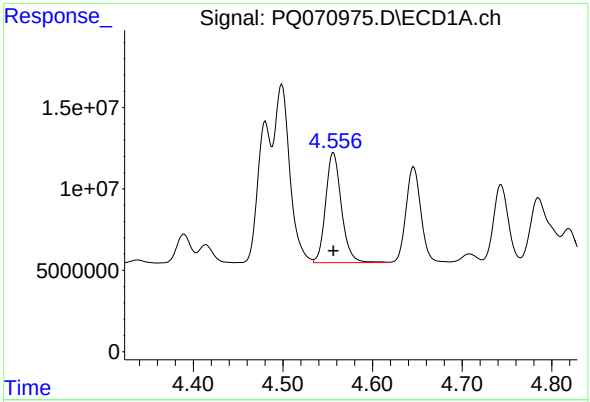
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 132302716
Conc: 500.00 ng/ml



#4 AR-1016-2

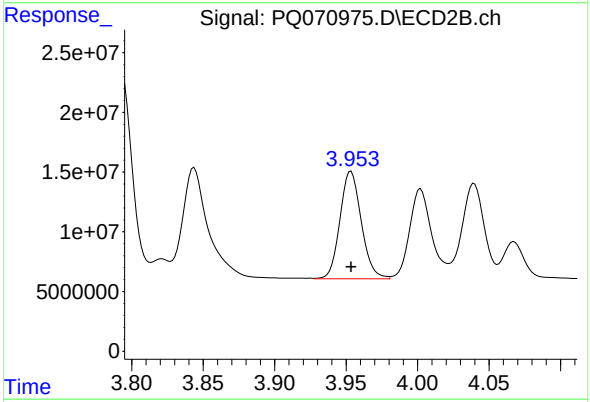
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 172805809
Conc: 500.00 ng/ml



#5 AR-1016-3

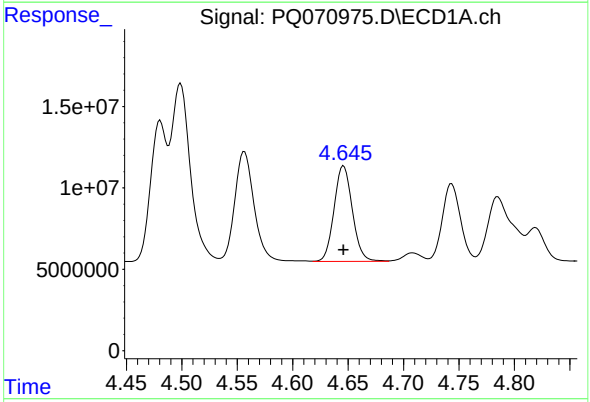
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 82208498
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



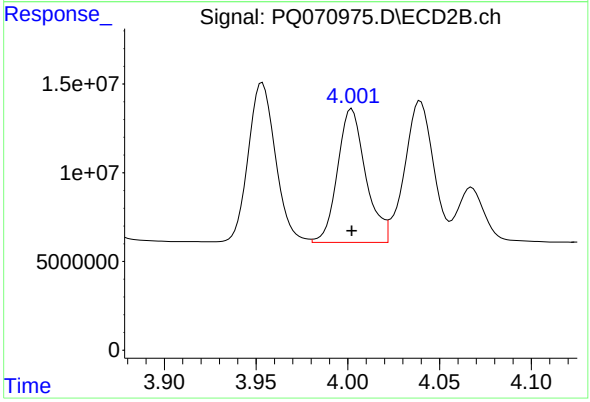
#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 93517571
Conc: 500.00 ng/ml



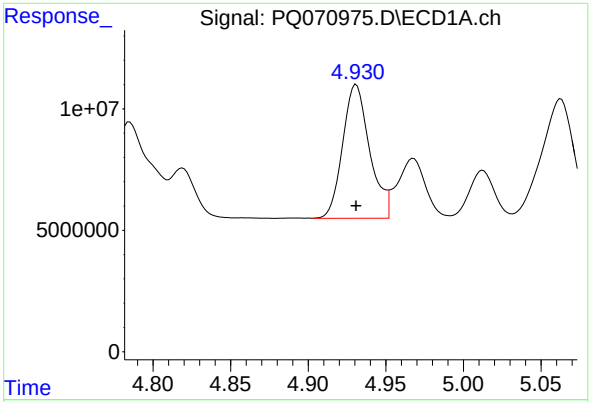
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 67424126
Conc: 500.00 ng/ml



#6 AR-1016-4

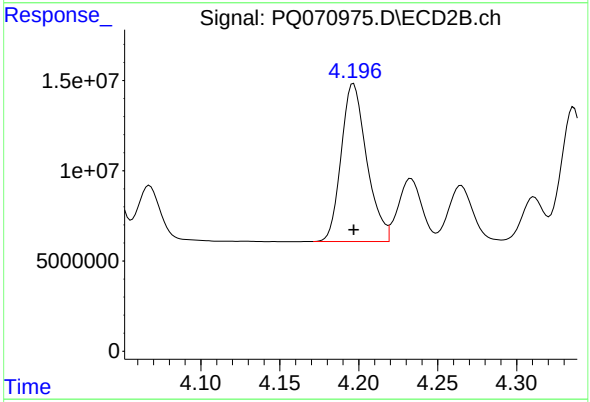
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 80581398
Conc: 500.00 ng/ml



#7 AR-1016-5

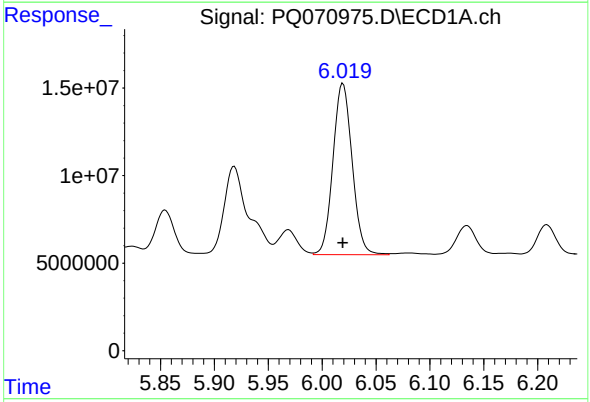
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 66668174
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



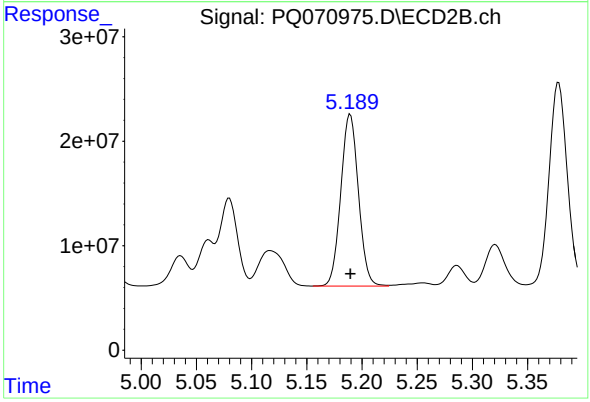
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 98481559
Conc: 500.00 ng/ml



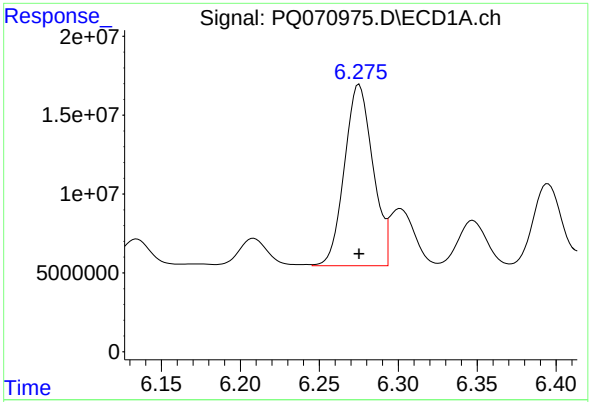
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 120938759
Conc: 500.00 ng/ml



#31 AR-1260-1

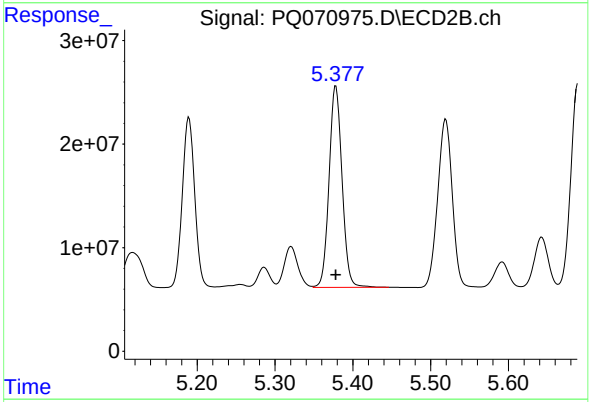
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 182871121
Conc: 500.00 ng/ml



#32 AR-1260-2

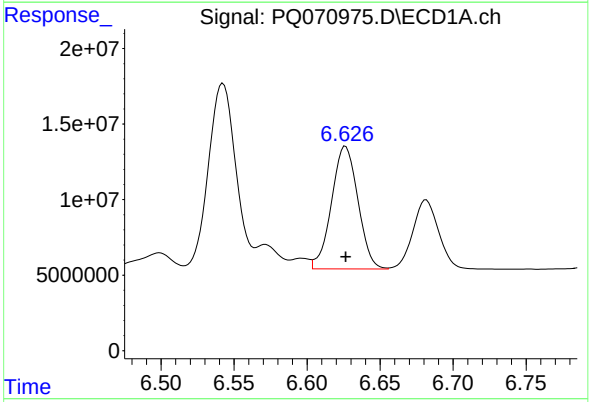
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 143855136
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



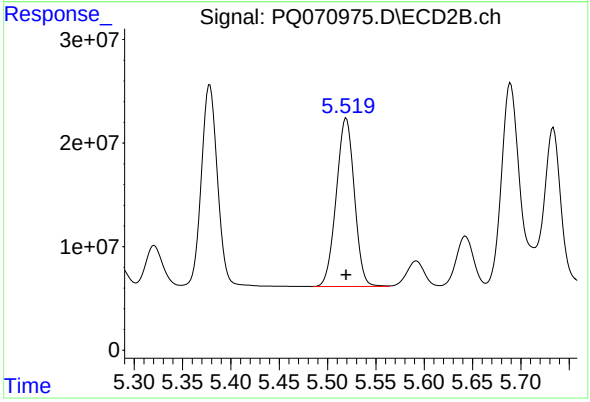
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 225169968
Conc: 500.00 ng/ml



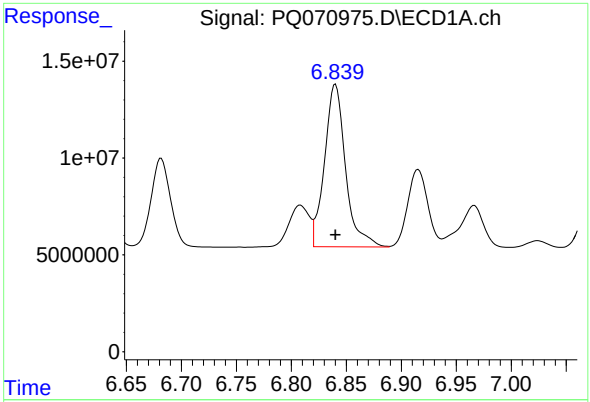
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 102326803
Conc: 500.00 ng/ml



#33 AR-1260-3

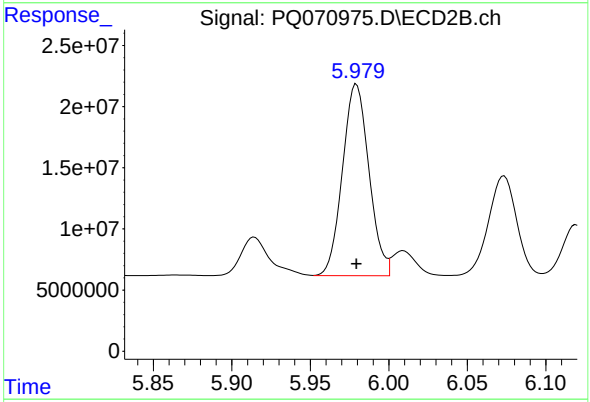
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 211797535
Conc: 500.00 ng/ml



#34 AR-1260-4

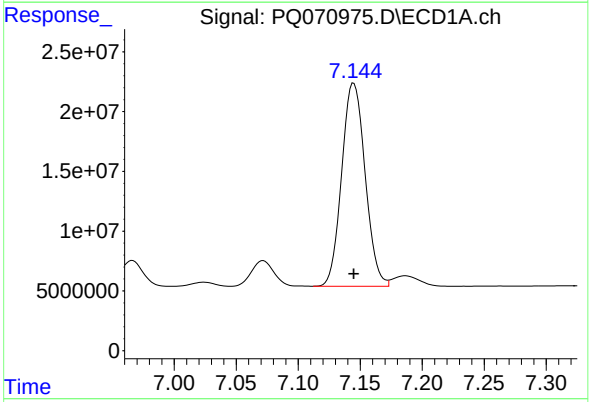
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 111845082
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



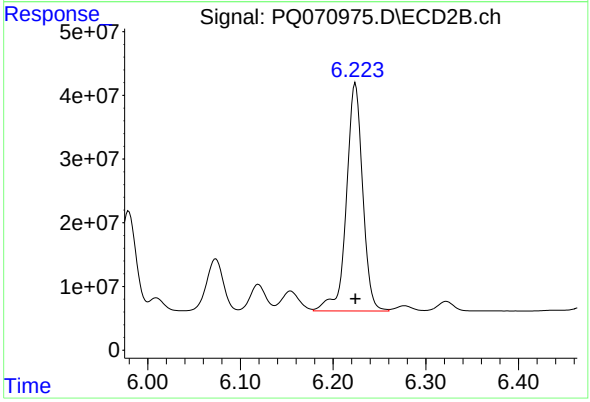
#34 AR-1260-4

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)

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

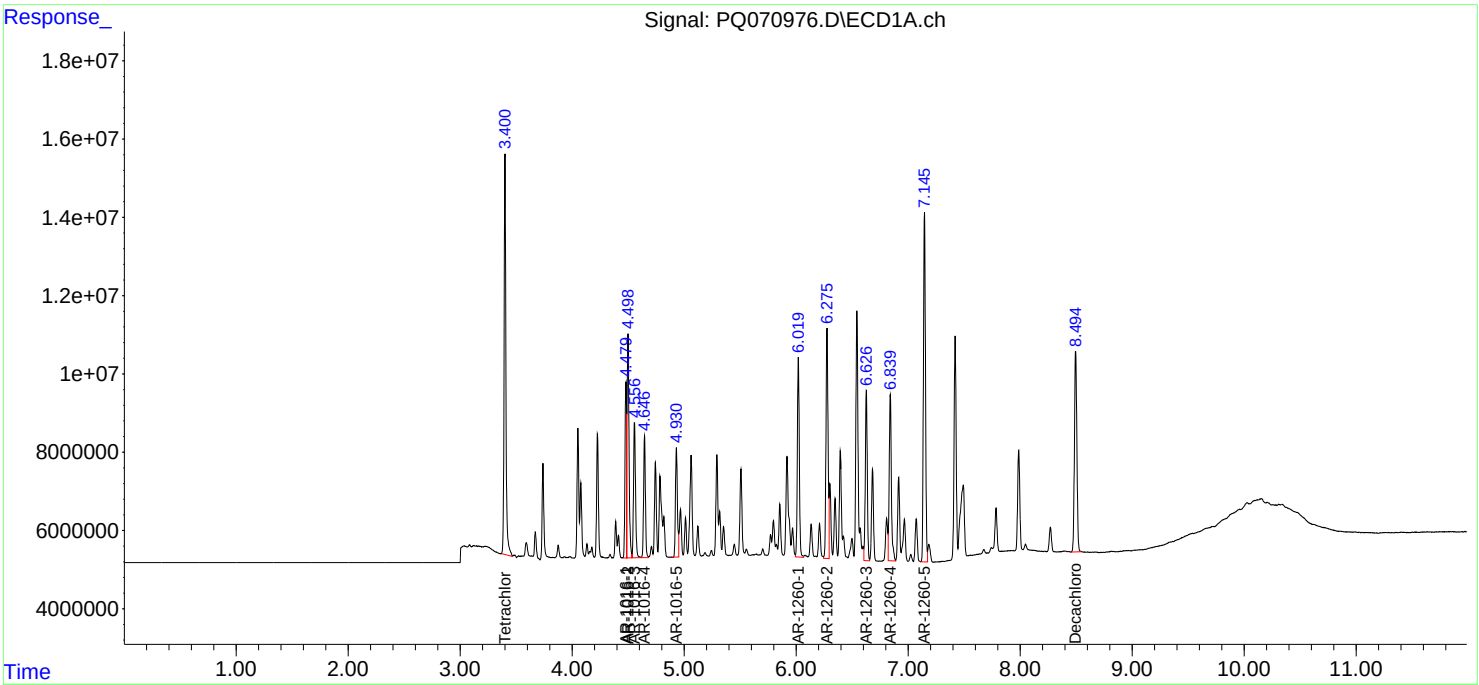
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

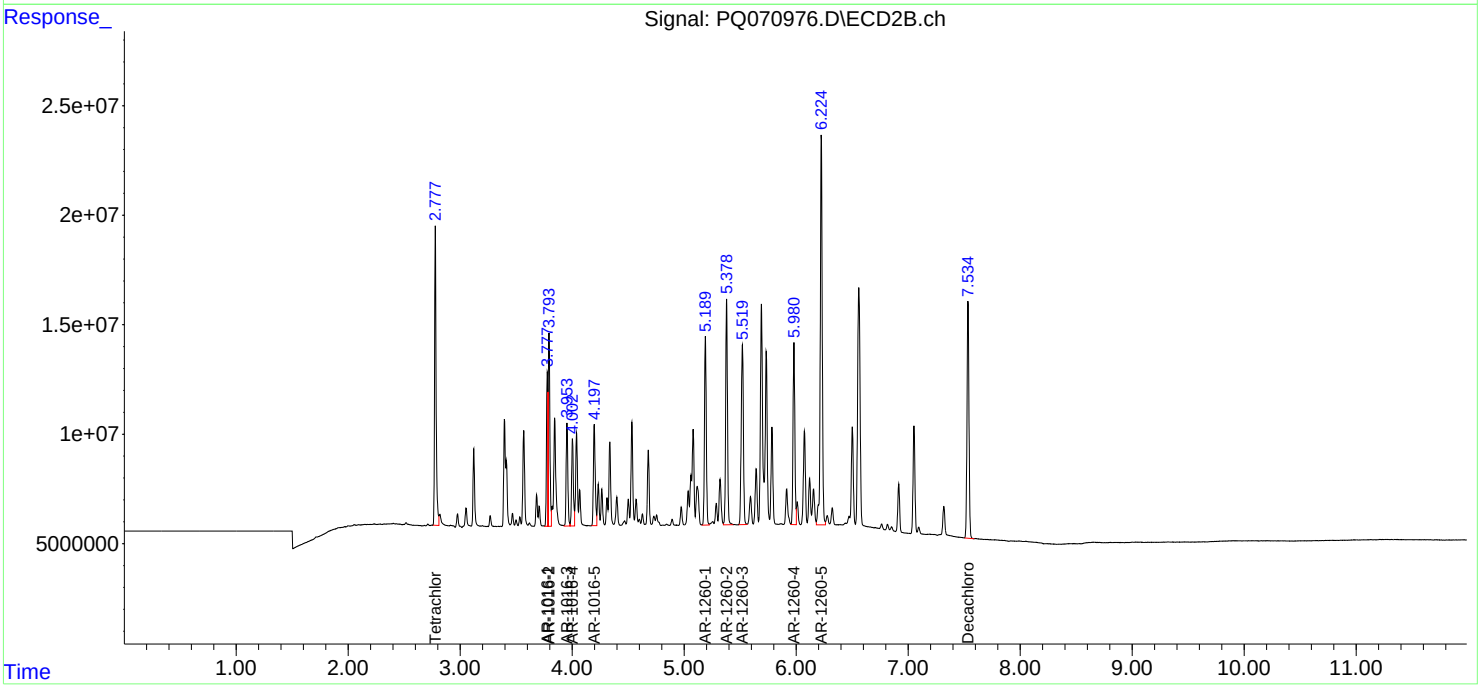
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:40
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

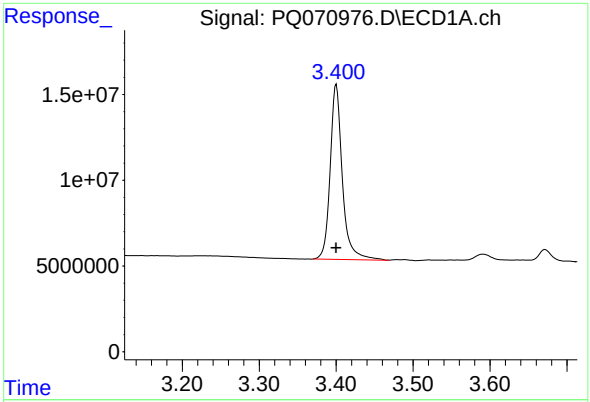
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

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



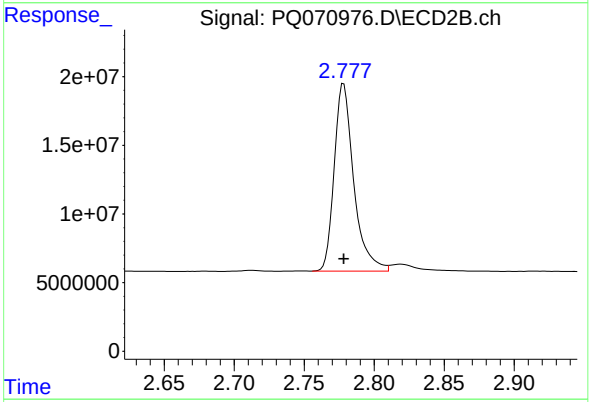




#1 Tetrachloro-m-xylene

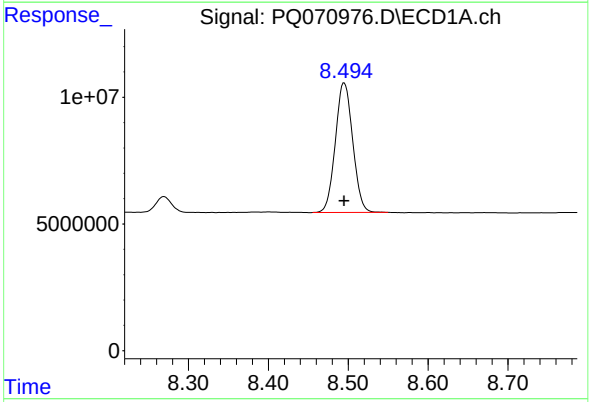
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 112427951
Conc: 25.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



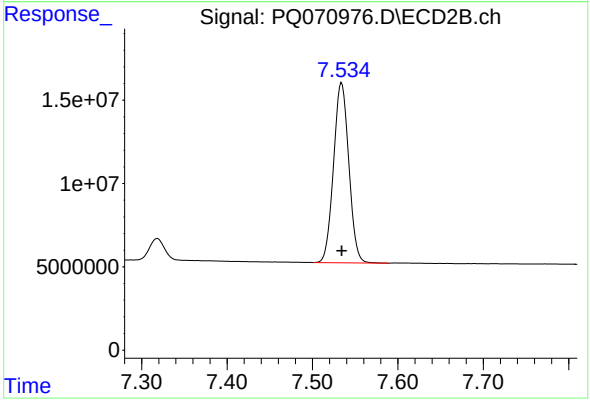
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 132564653
Conc: 25.75 ng/ml



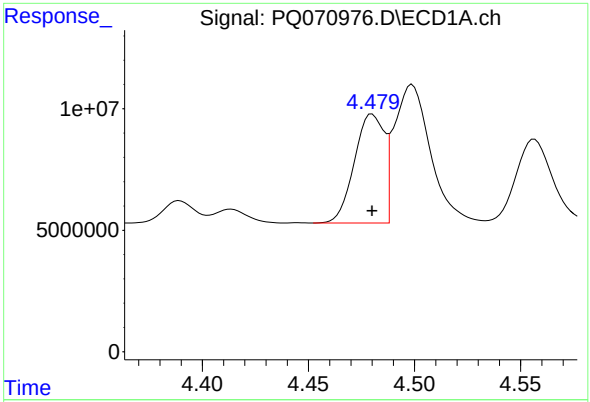
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 77430043
Conc: 26.68 ng/ml



#2 Decachlorobiphenyl

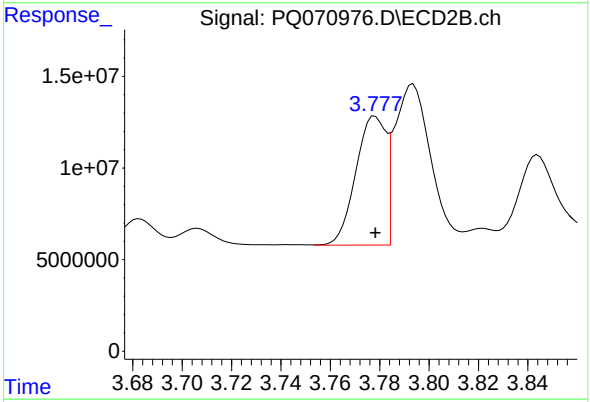
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 133997963
Conc: 26.80 ng/ml



#3 AR-1016-1

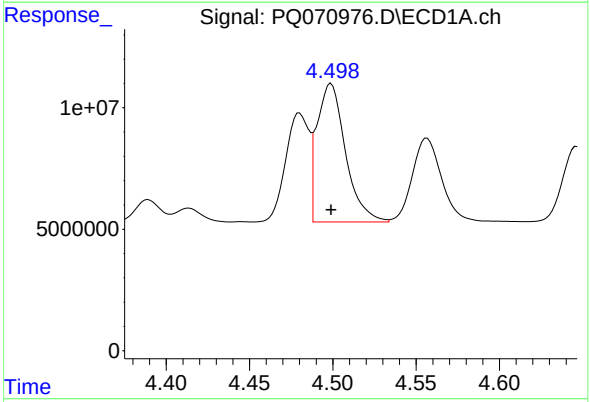
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 43873025
Conc: 266.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



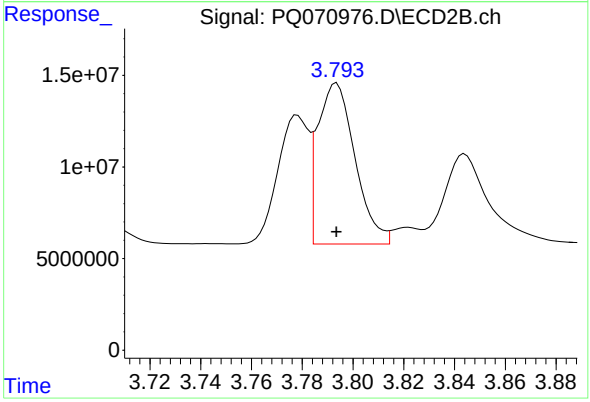
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 59445752
Conc: 269.81 ng/ml



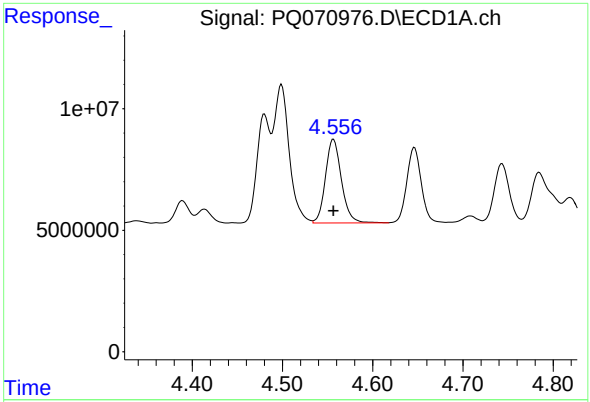
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 67879501
Conc: 264.06 ng/ml



#4 AR-1016-2

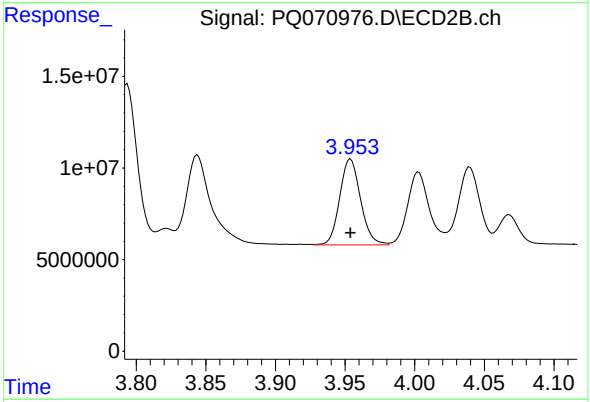
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 89768912
Conc: 266.26 ng/ml



#5 AR-1016-3

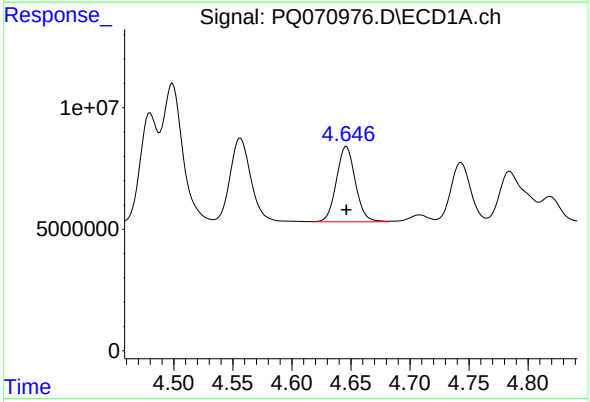
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 42399194
Conc: 266.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



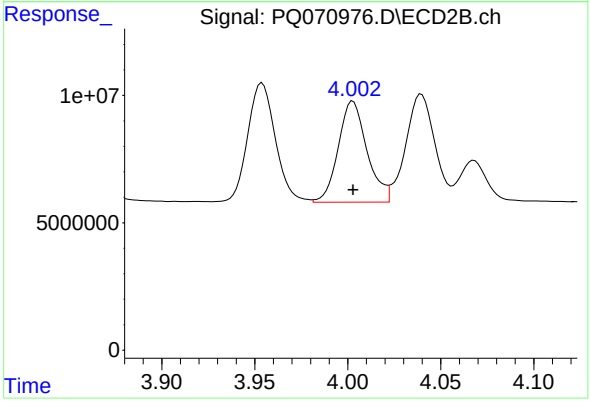
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 48815753
Conc: 268.58 ng/ml



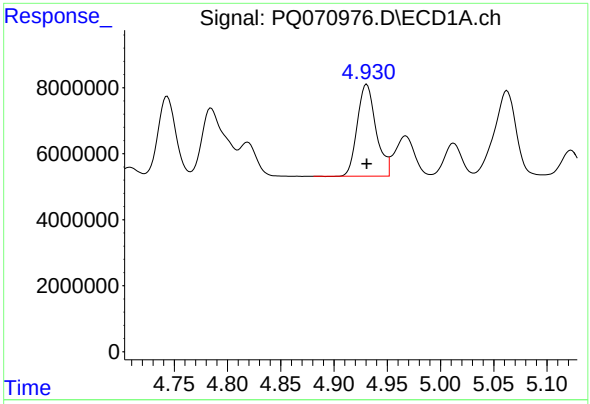
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 34575940
Conc: 264.60 ng/ml



#6 AR-1016-4

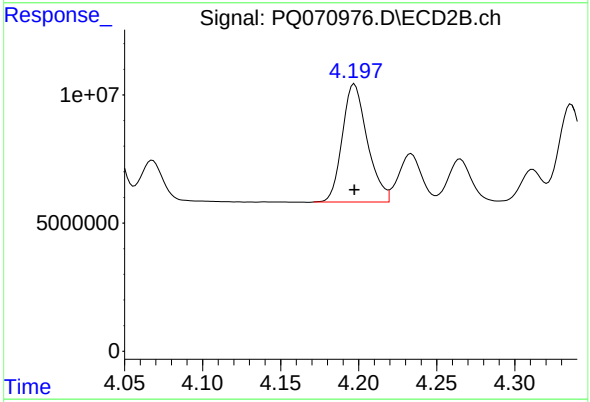
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 42722621
Conc: 273.07 ng/ml



#7 AR-1016-5

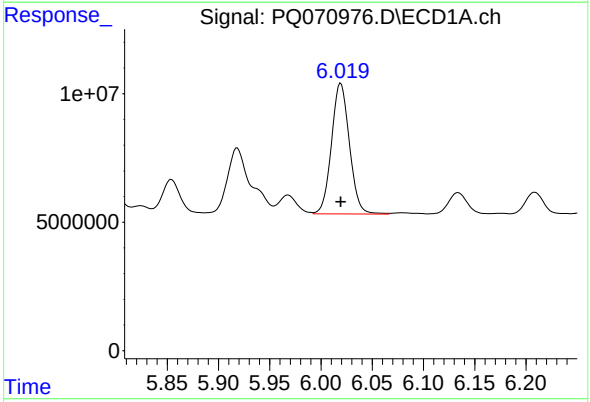
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 34076692
Conc: 264.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



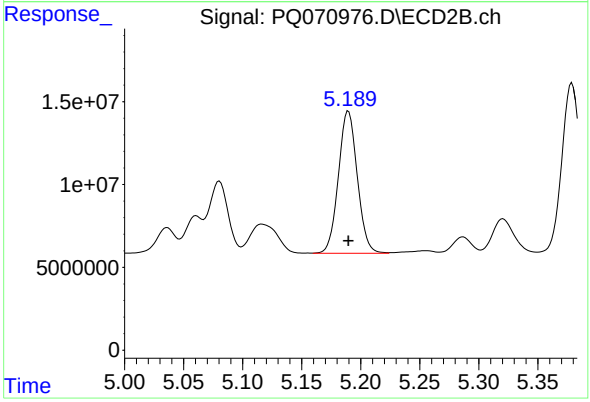
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 51408265
Conc: 269.90 ng/ml



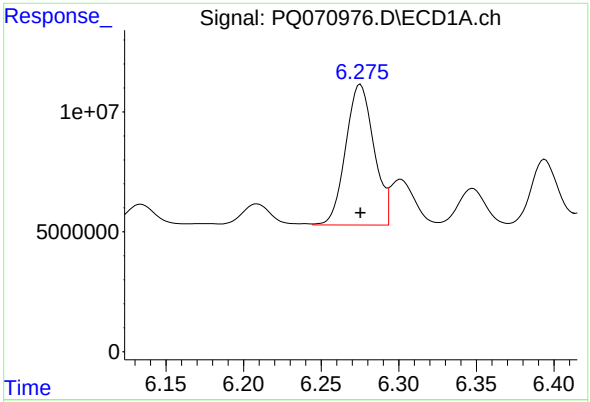
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 61964969
Conc: 265.70 ng/ml



#31 AR-1260-1

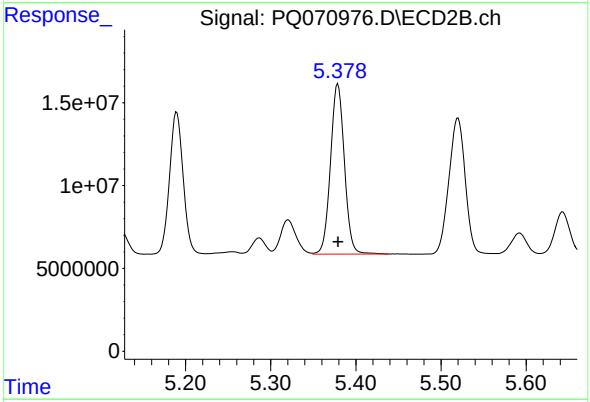
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 95539541
Conc: 268.60 ng/ml



#32 AR-1260-2

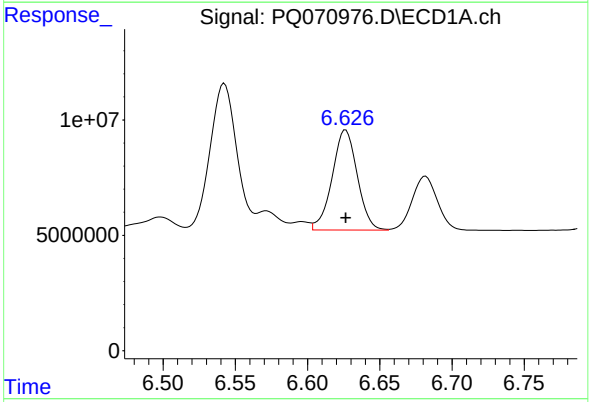
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 74180101
Conc: 268.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



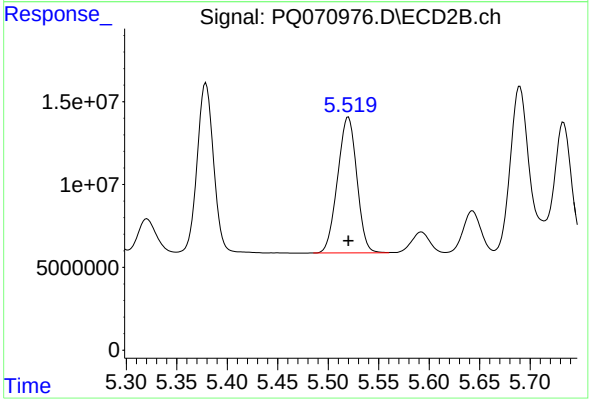
#32 AR-1260-2

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 116697737
Conc: 267.94 ng/ml



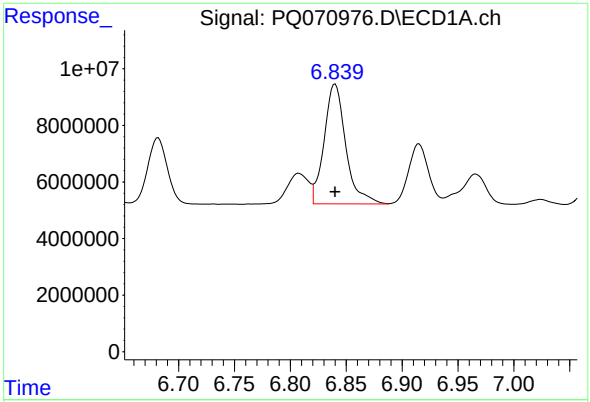
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 52397657
Conc: 265.75 ng/ml



#33 AR-1260-3

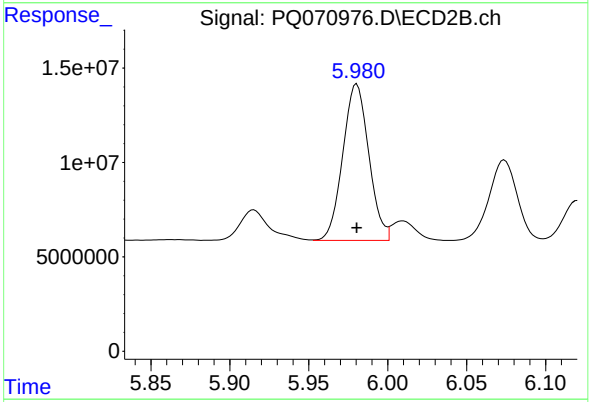
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 109012506
Conc: 265.22 ng/ml



#34 AR-1260-4

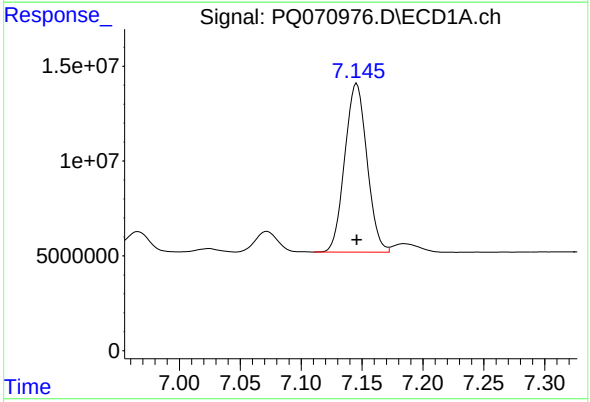
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 57203584
Conc: 266.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



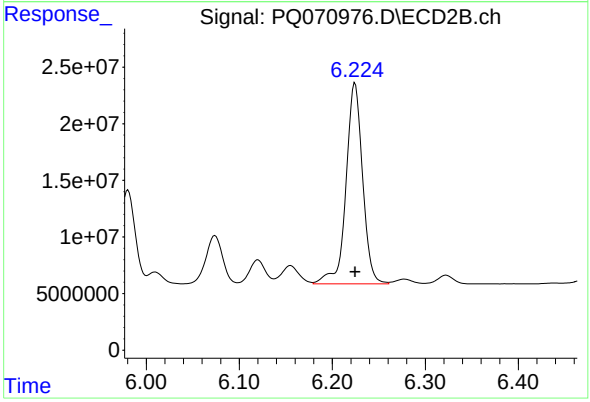
#34 AR-1260-4

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)

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.

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

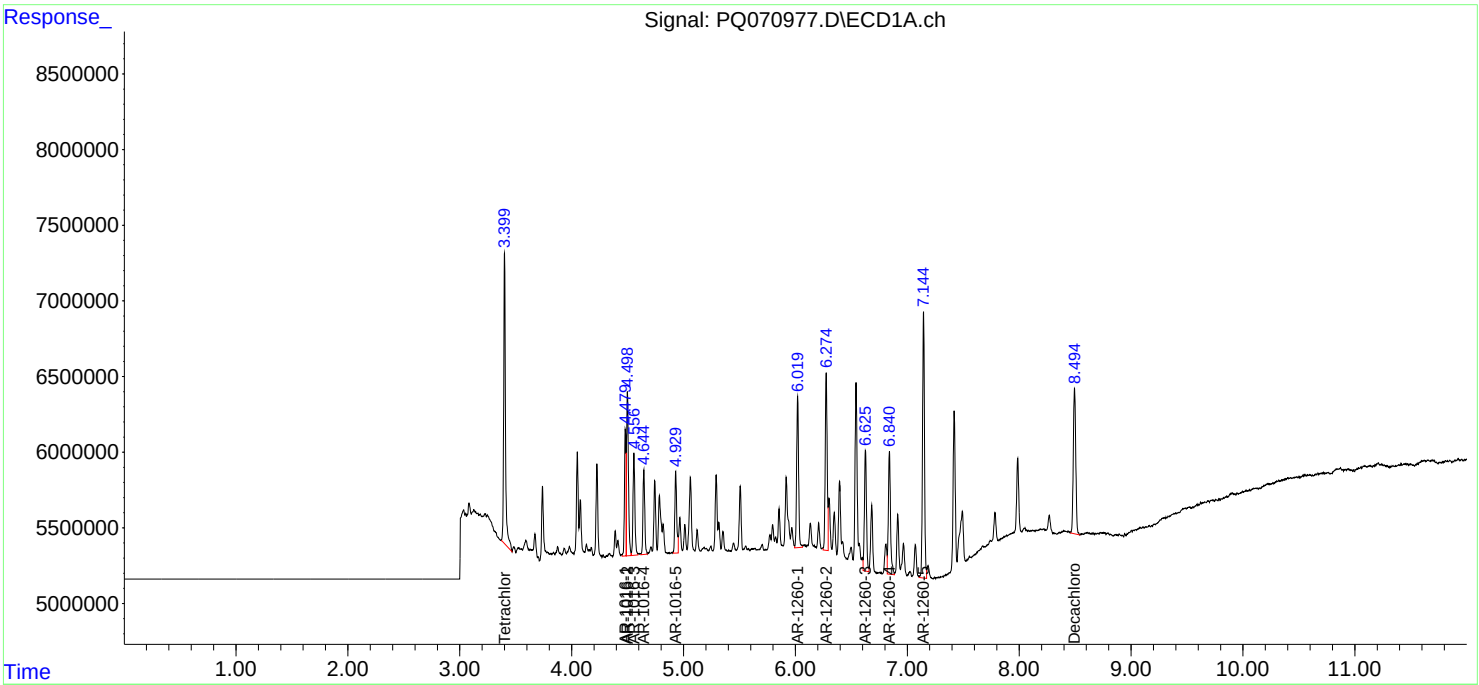
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

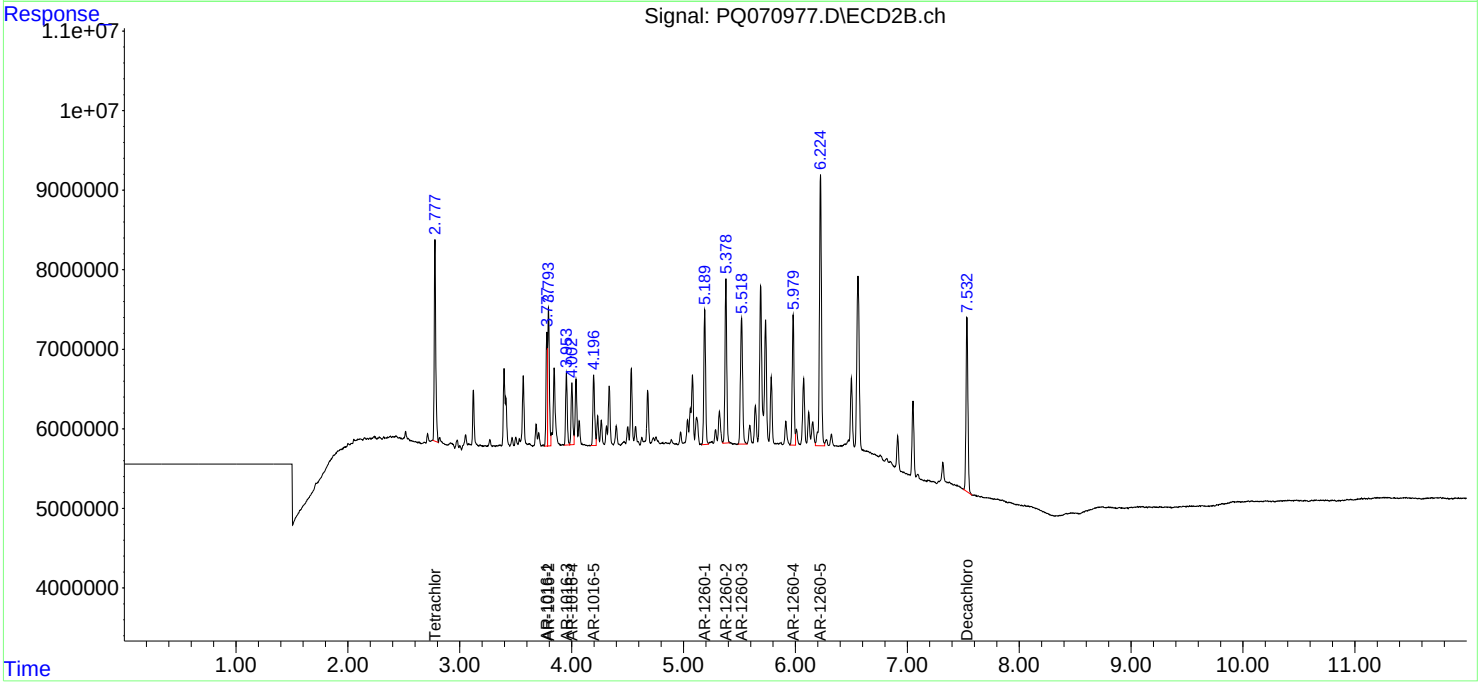
Manual Integrations APPROVED

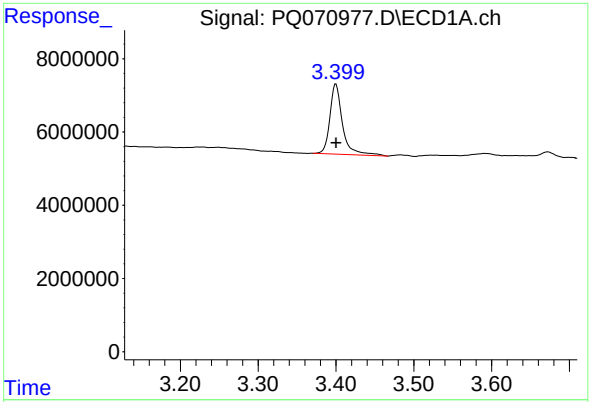
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

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







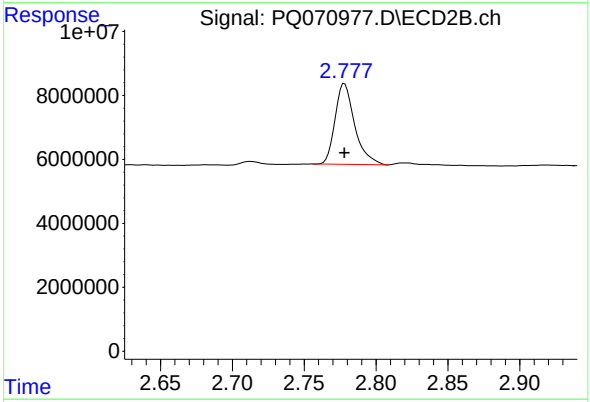
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 21685891
Conc: 4.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

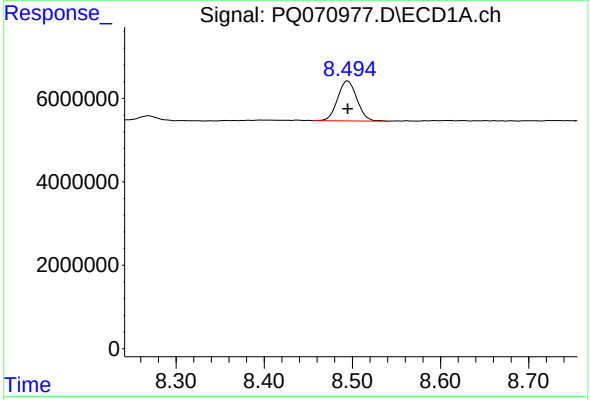
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



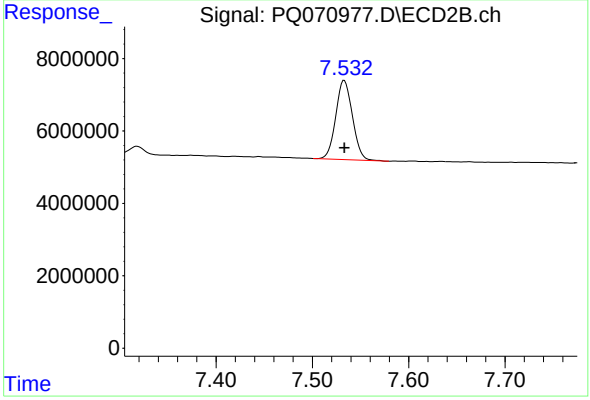
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 24048483
Conc: 4.73 ng/ml



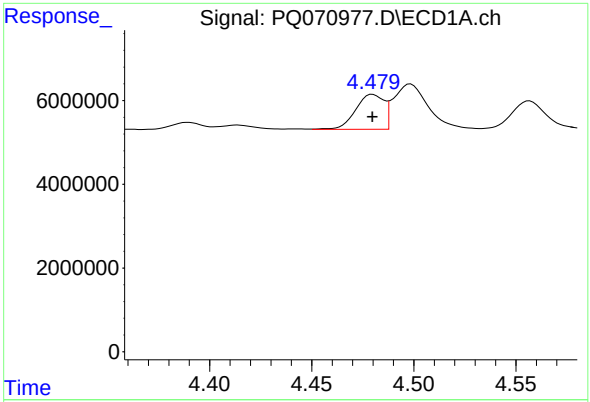
#2 Decachlorobiphenyl

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



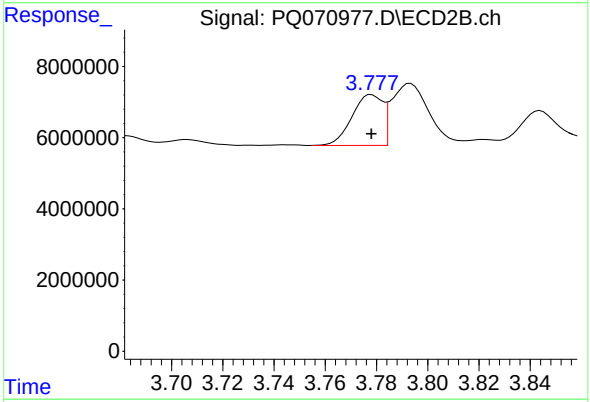
#3 AR-1016-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 8082361
Conc: 49.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

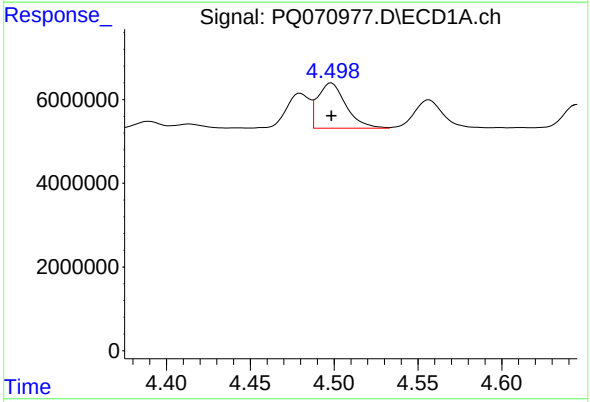
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



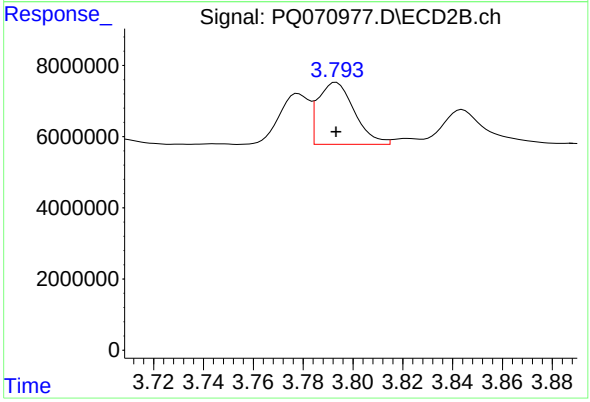
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 11936188
Conc: 53.29 ng/ml



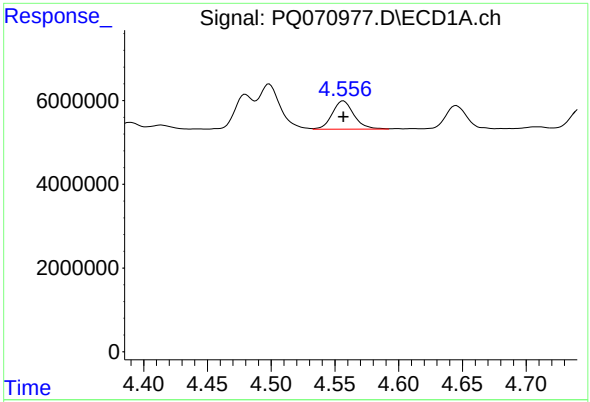
#4 AR-1016-2

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



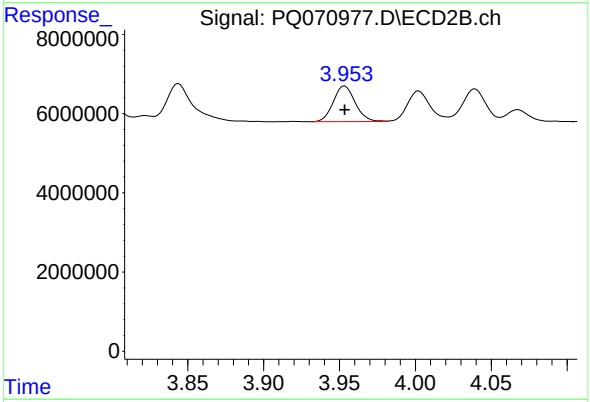
#5 AR-1016-3

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 7955970
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

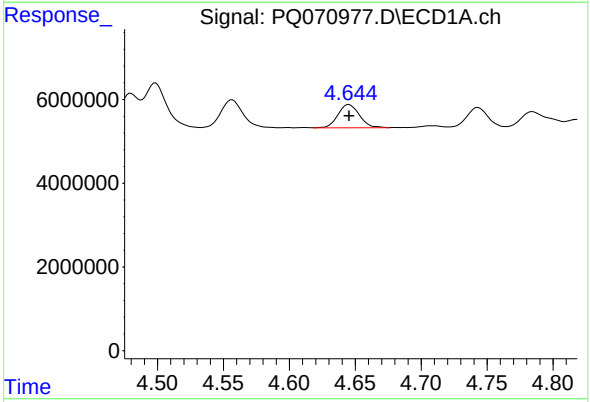
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



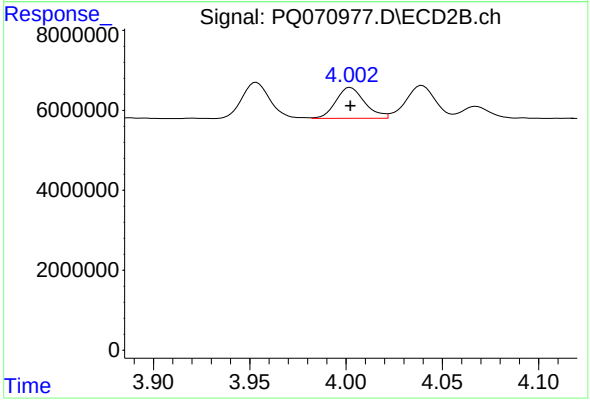
#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 9113143
Conc: 50.11 ng/ml



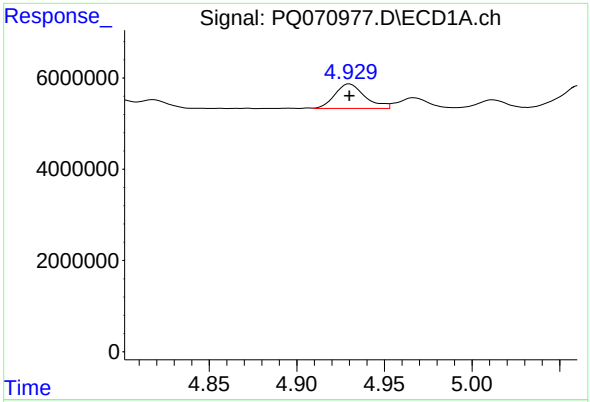
#6 AR-1016-4

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



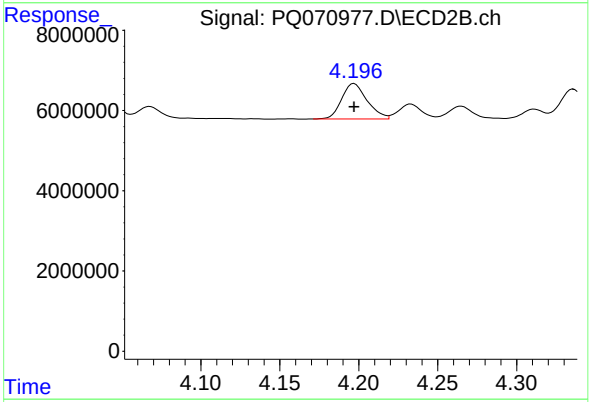
#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 6429669
Conc: 49.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

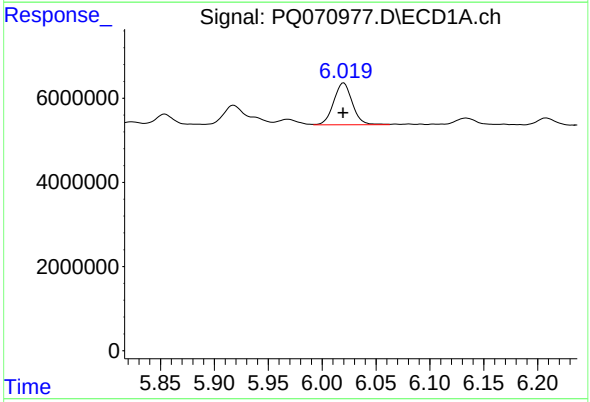
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



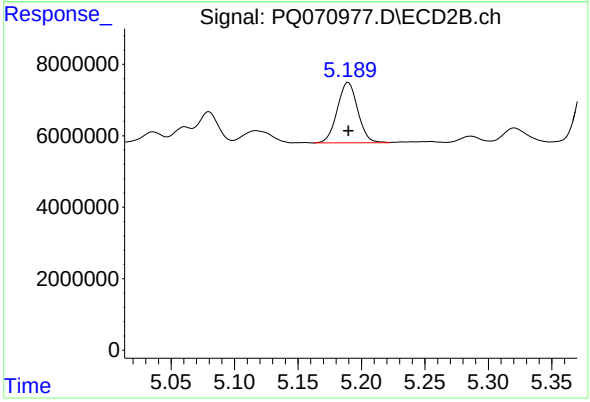
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 9865534
Conc: 51.43 ng/ml



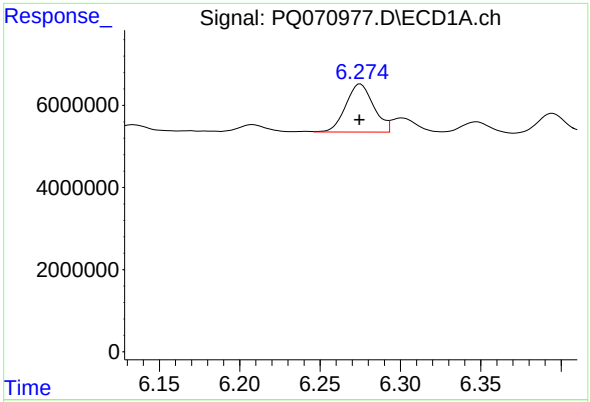
#31 AR-1260-1

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



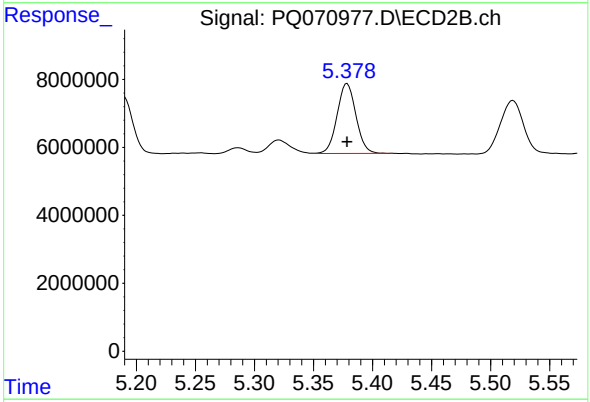
#32 AR-1260-2

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 13982610
Conc: 50.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

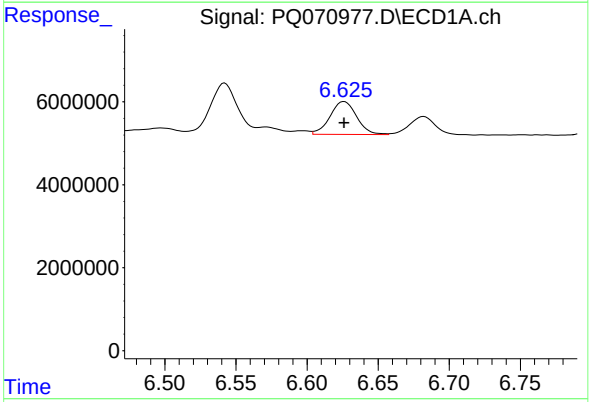
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



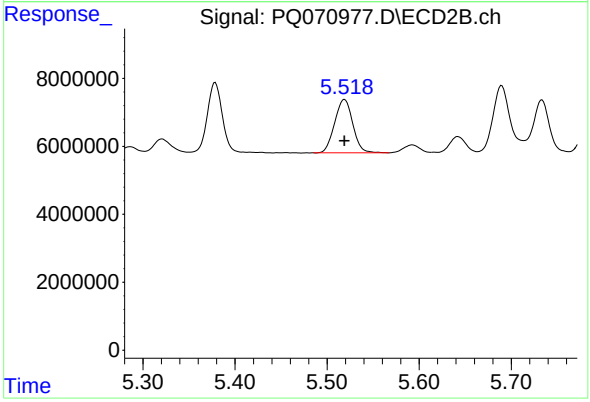
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 22891919
Conc: 52.03 ng/ml



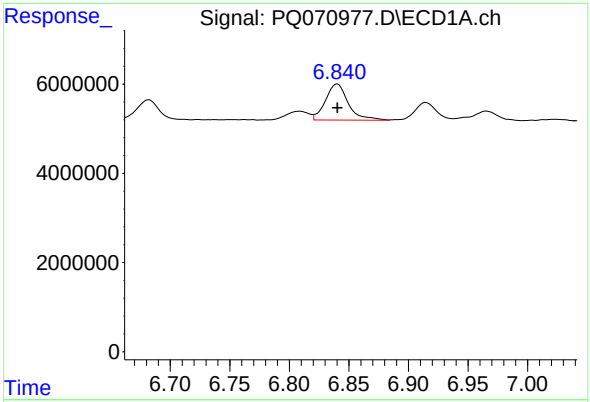
#33 AR-1260-3

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



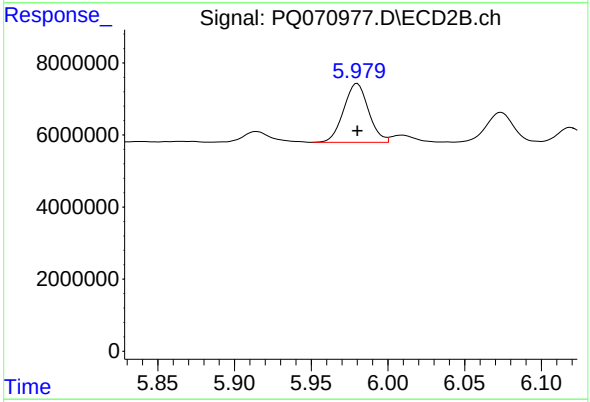
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 10804624
Conc: 50.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

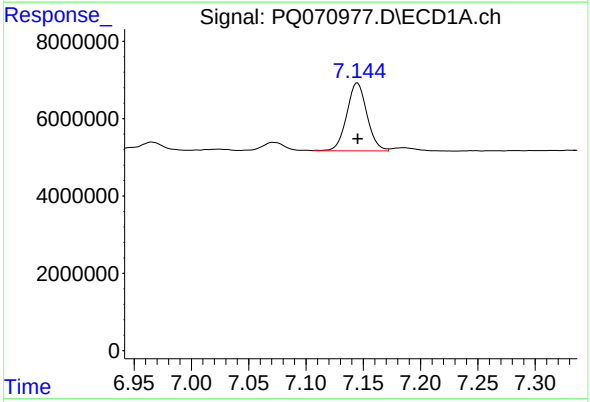
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



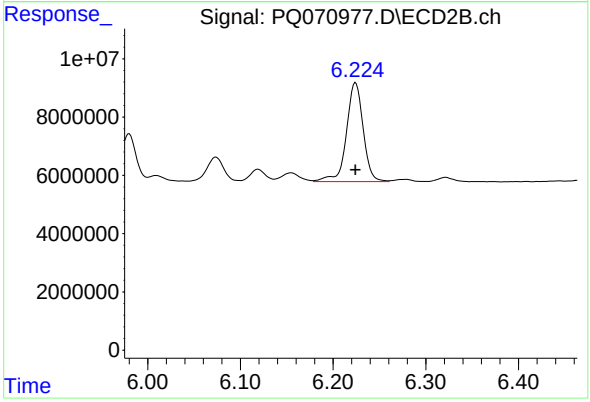
#34 AR-1260-4

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)

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

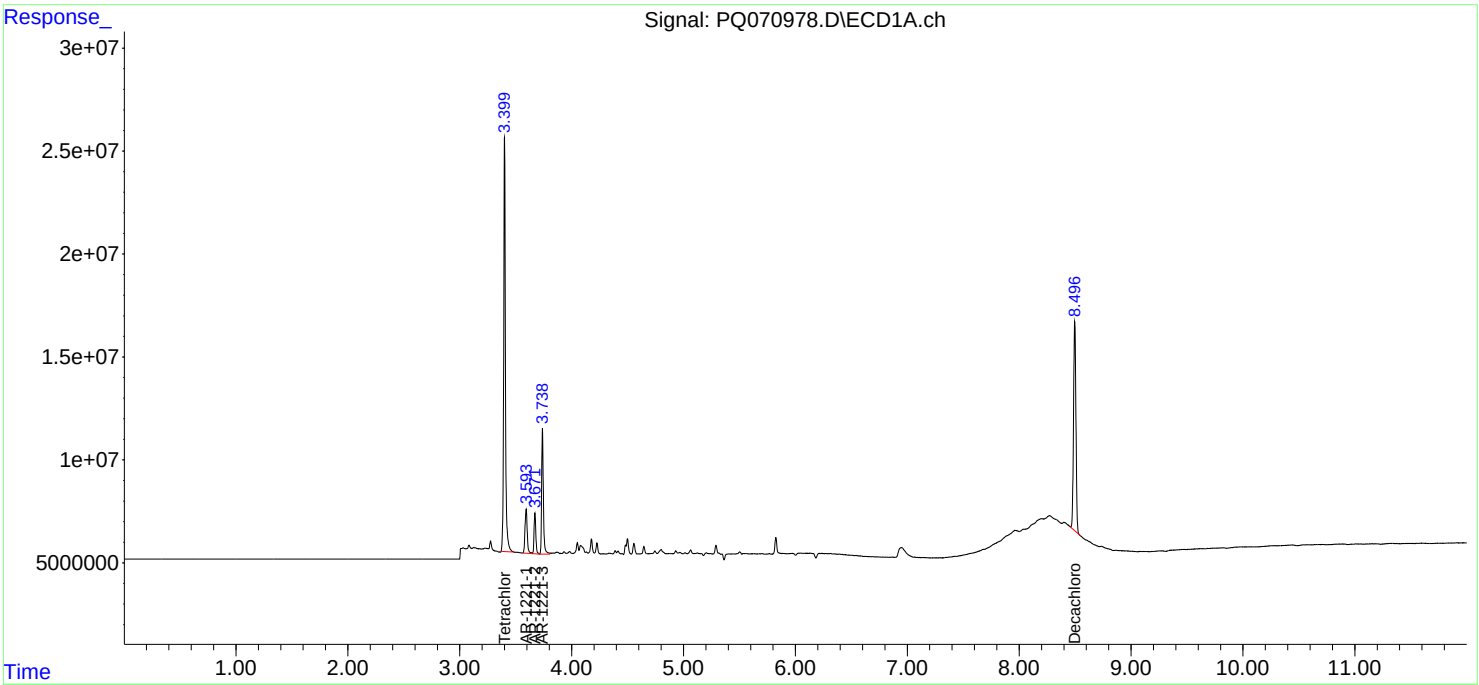
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

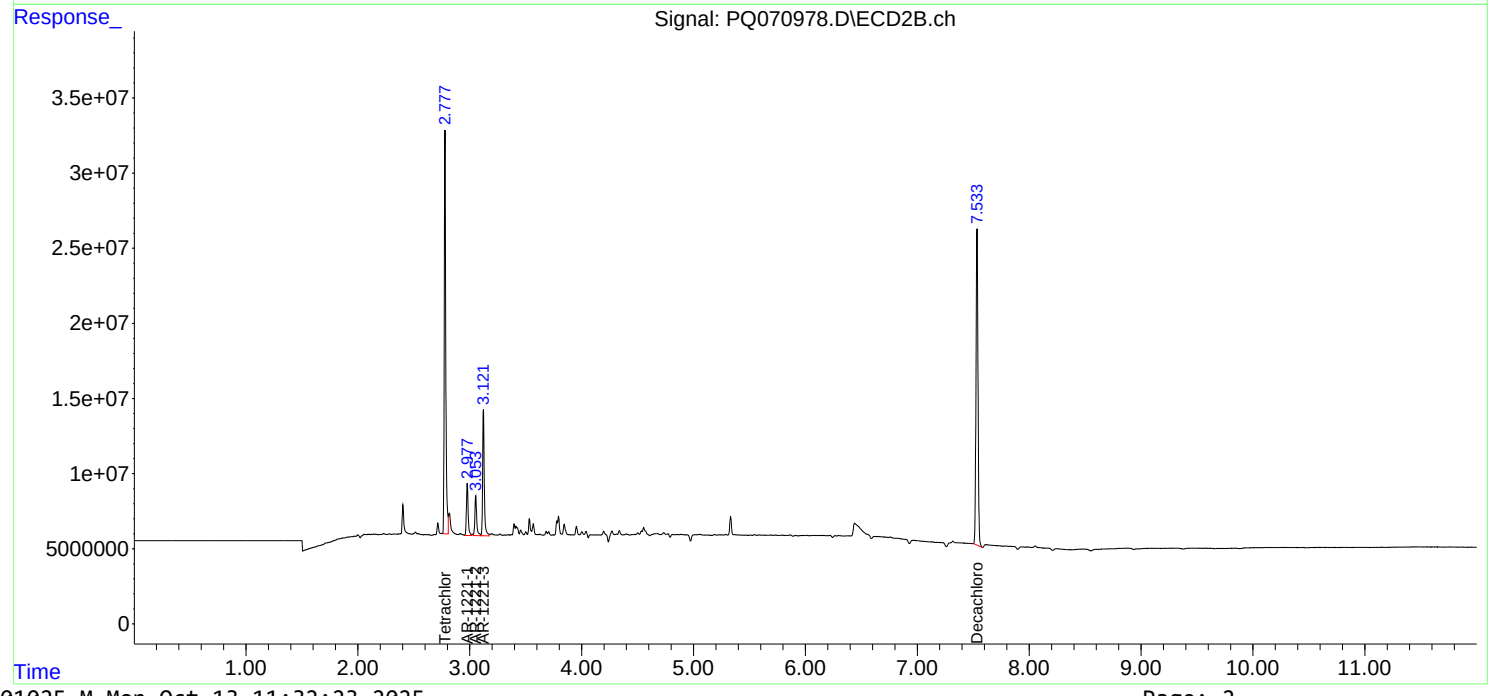
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:09
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

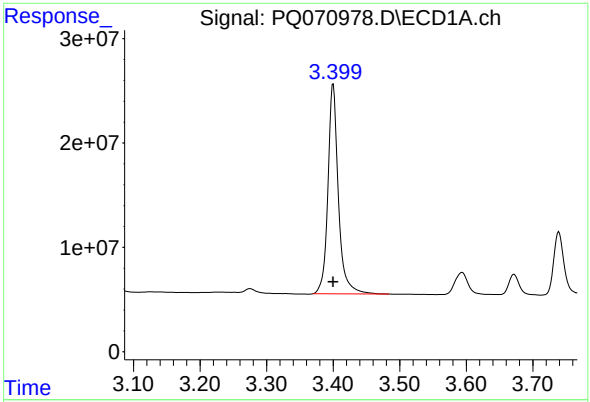
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

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



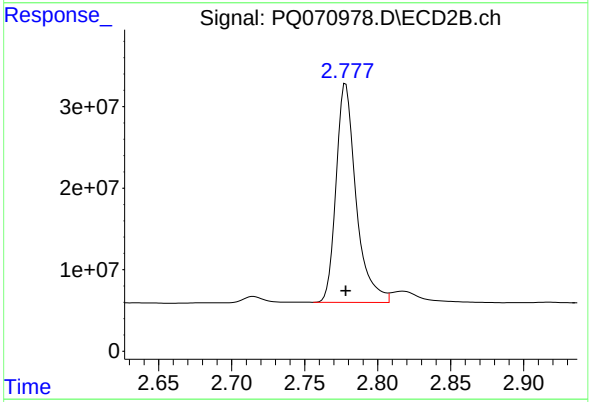




#1 Tetrachloro-m-xylene

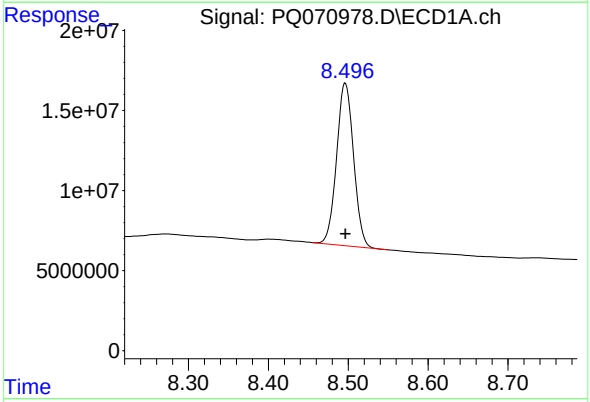
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 220369967
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



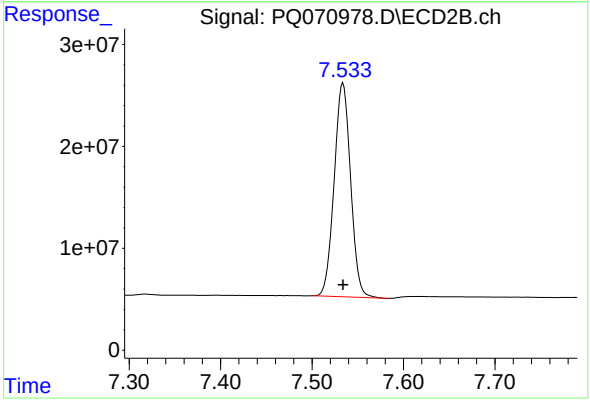
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 255300945
Conc: 50.00 ng/ml



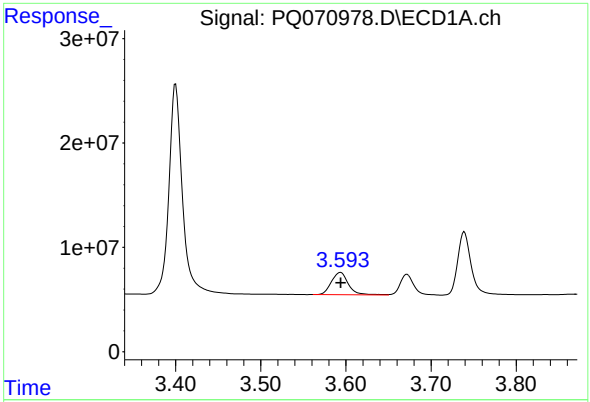
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 149874496
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

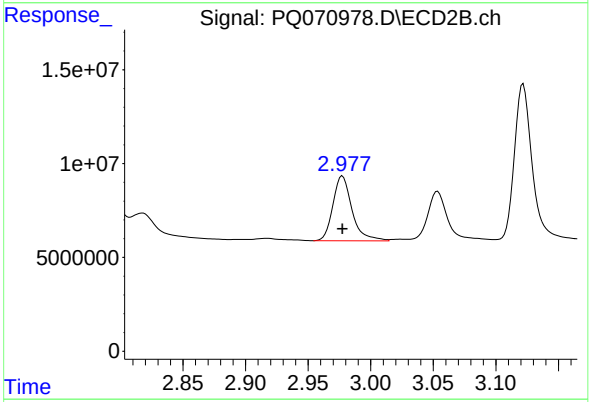
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 262139791
Conc: 50.00 ng/ml



#8 AR-1221-1

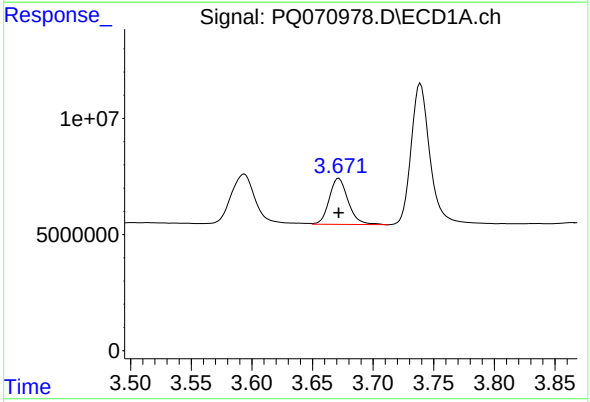
R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 29595379
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



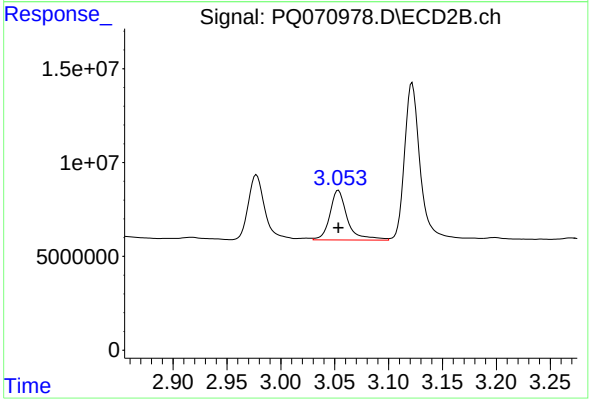
#8 AR-1221-1

R.T.: 2.977 min
Delta R.T.: 0.000 min
Response: 36909578
Conc: 500.00 ng/ml



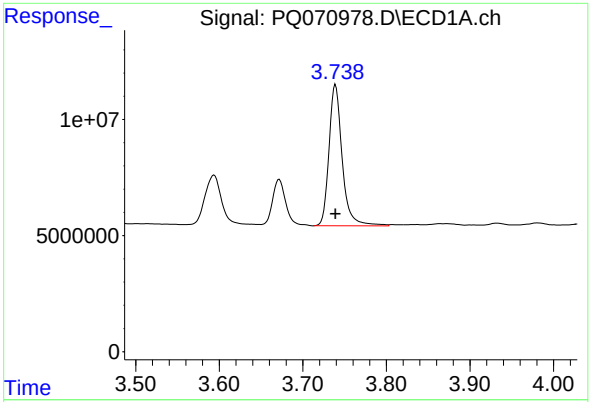
#9 AR-1221-2

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 21573372
Conc: 500.00 ng/ml



#9 AR-1221-2

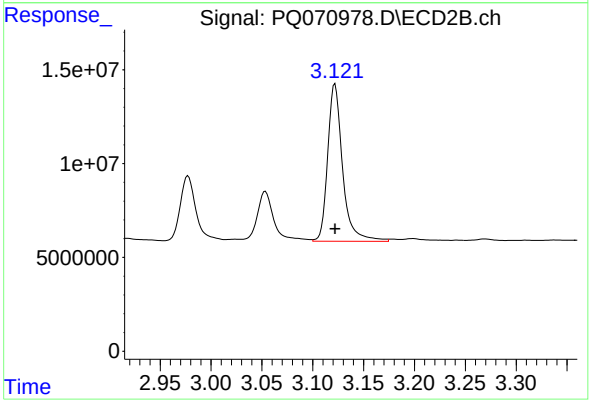
R.T.: 3.053 min
Delta R.T.: 0.000 min
Response: 30001568
Conc: 500.00 ng/ml



#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)

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

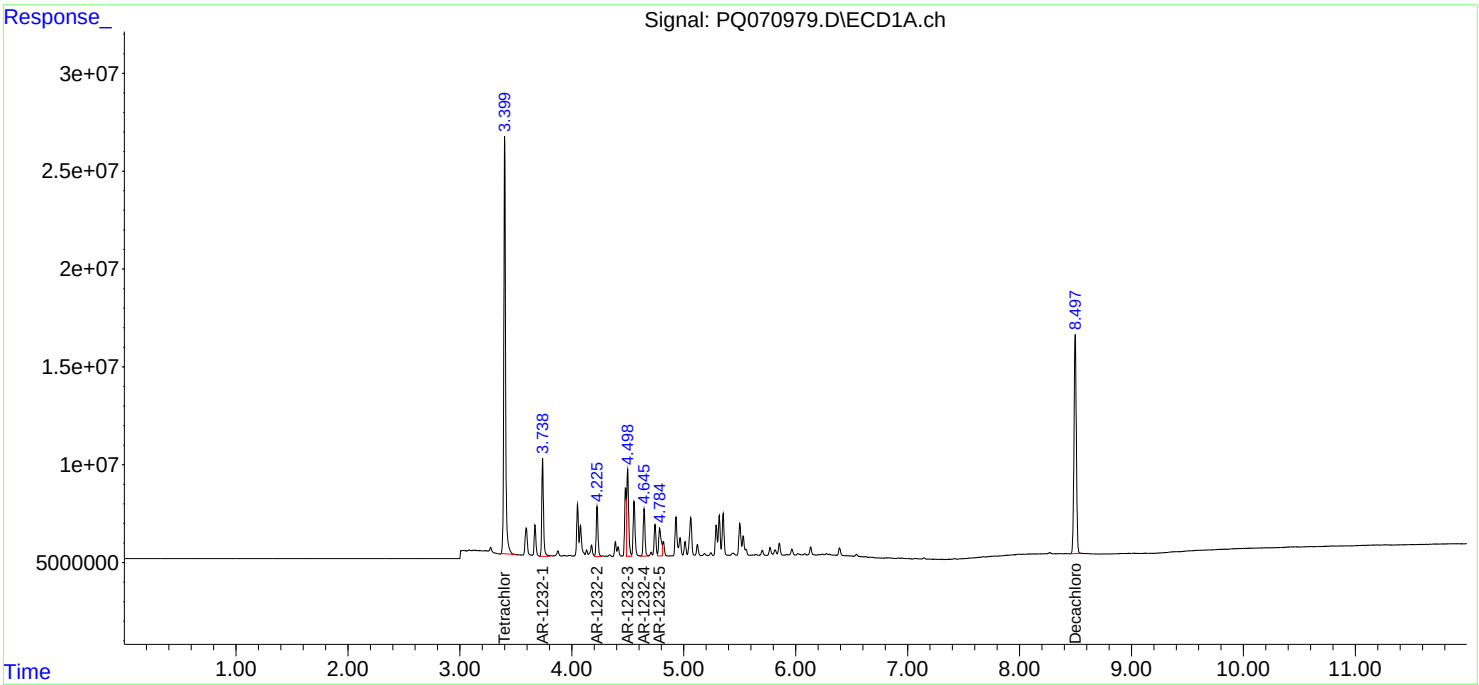
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

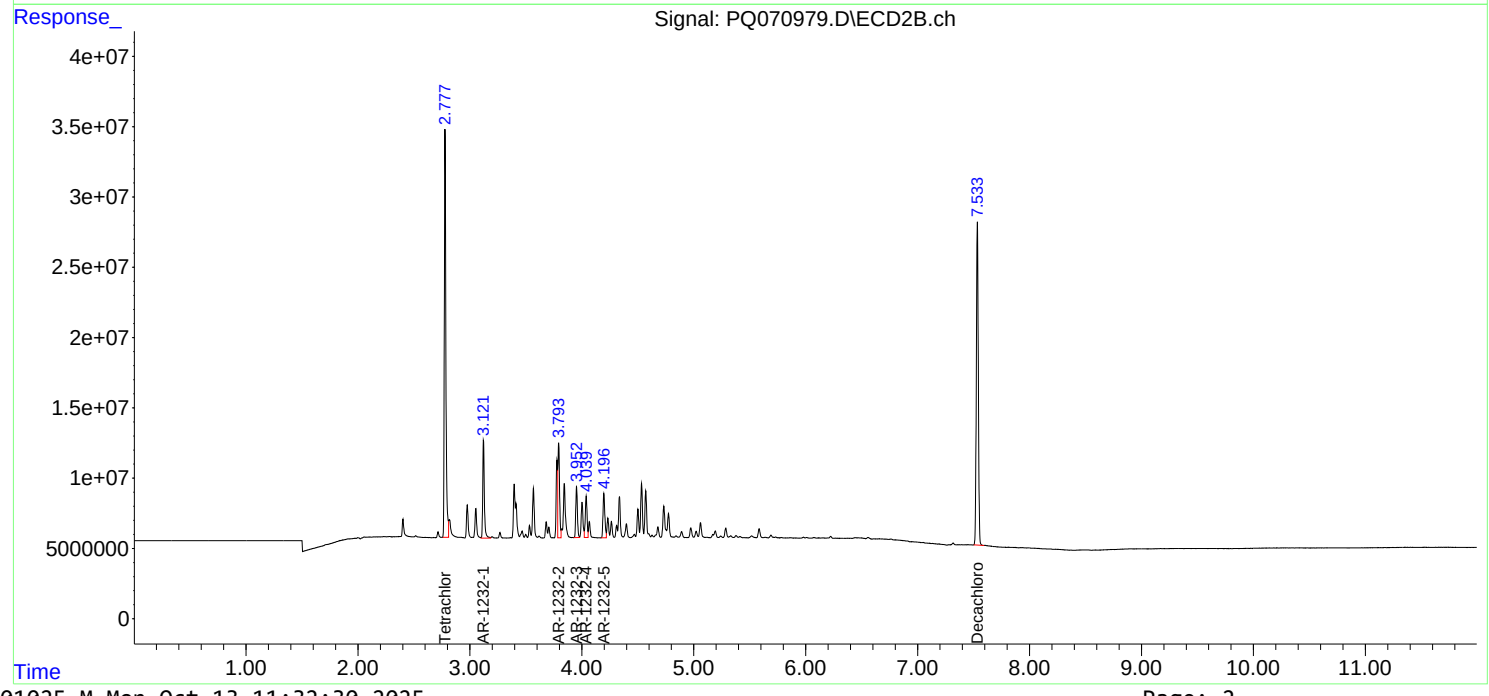
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:24
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

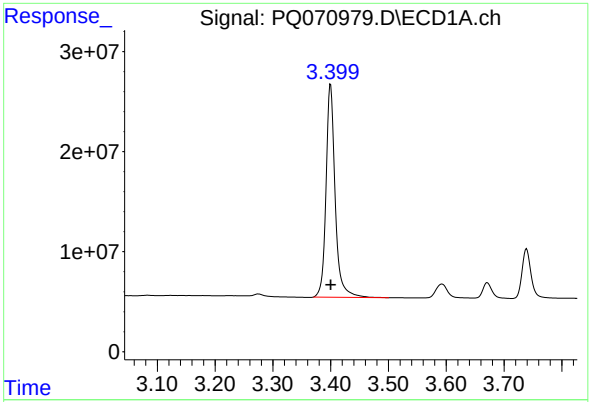
Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

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



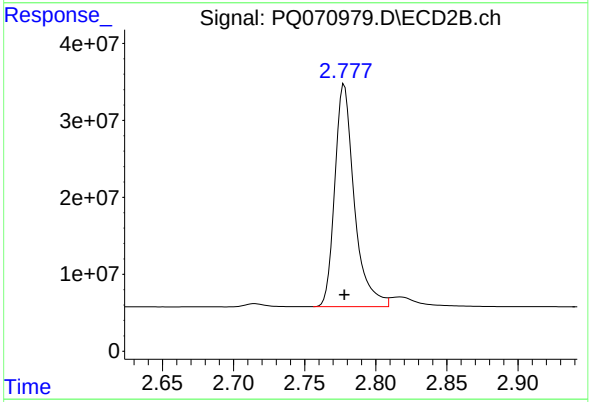




#1 Tetrachloro-m-xylene

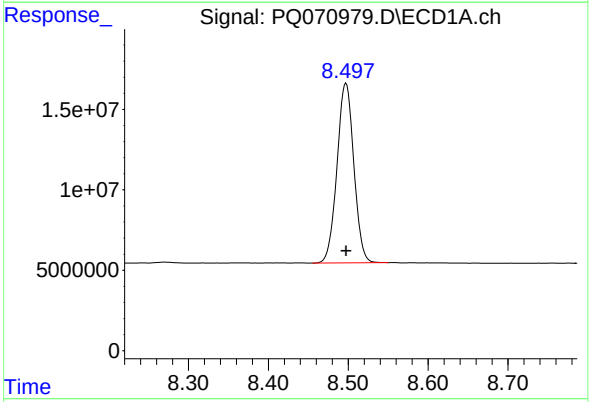
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 234547177
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



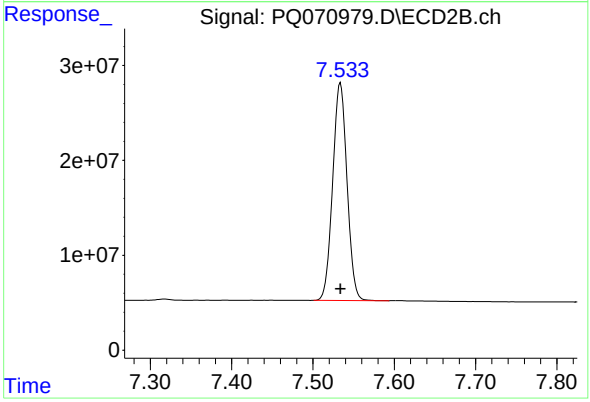
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 276348863
Conc: 50.00 ng/ml



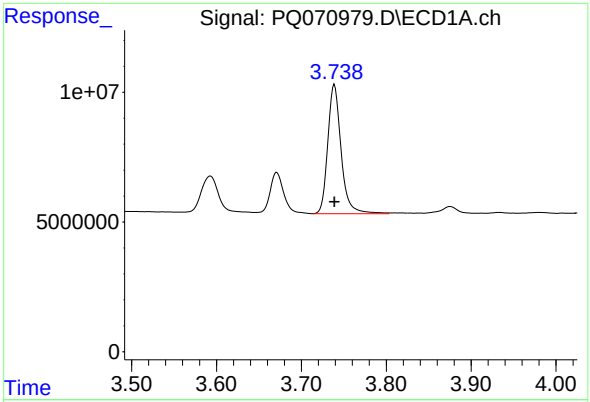
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 163612084
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

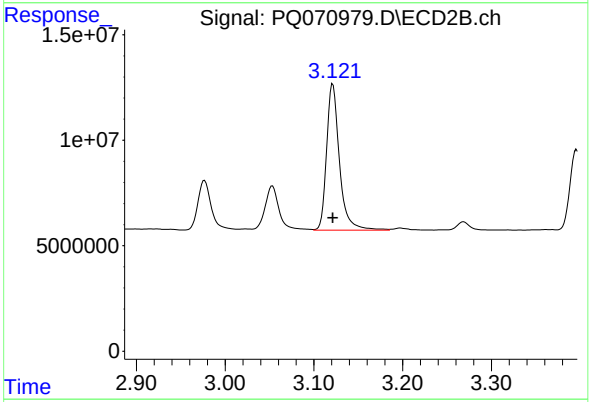
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 280551433
Conc: 50.00 ng/ml



#11 AR-1232-1

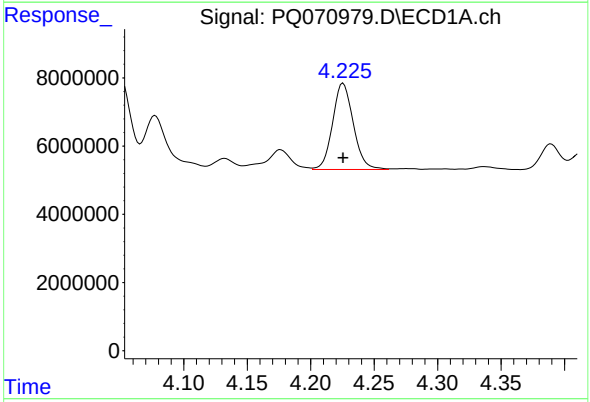
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 54474047
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



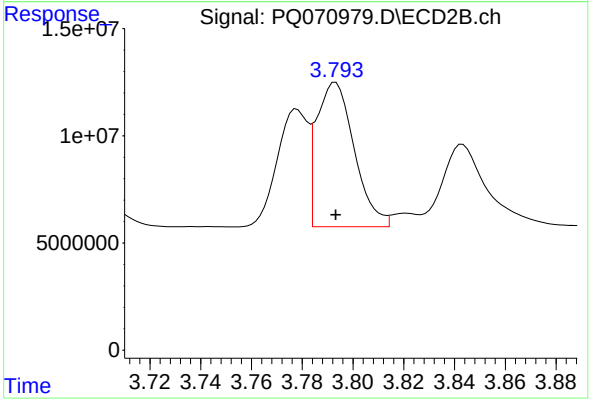
#11 AR-1232-1

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 69671226
Conc: 500.00 ng/ml



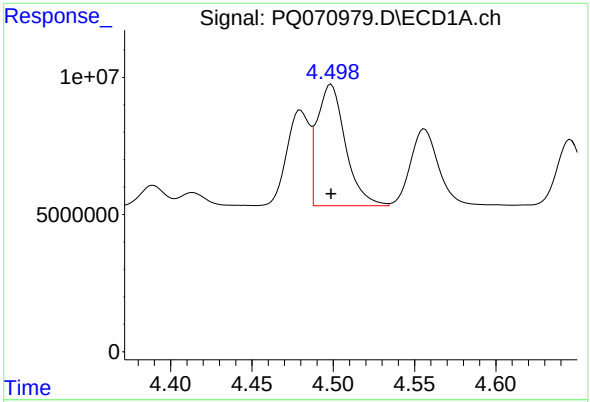
#12 AR-1232-2

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 28751418
Conc: 500.00 ng/ml



#12 AR-1232-2

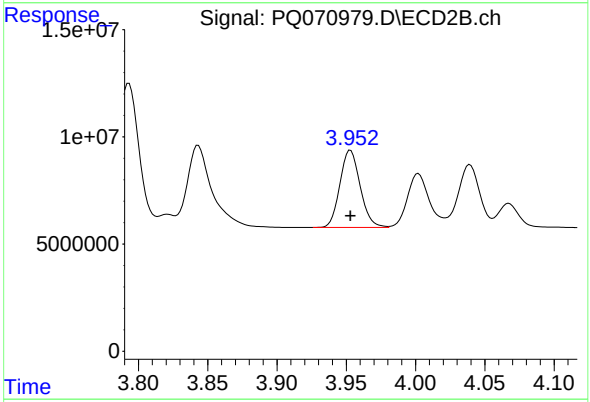
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 69449831
Conc: 500.00 ng/ml



#13 AR-1232-3

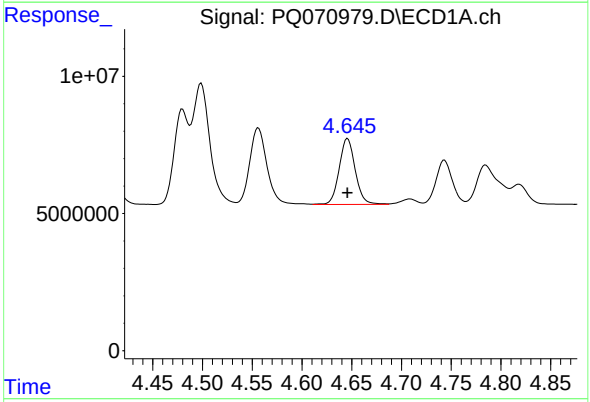
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 53549480
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



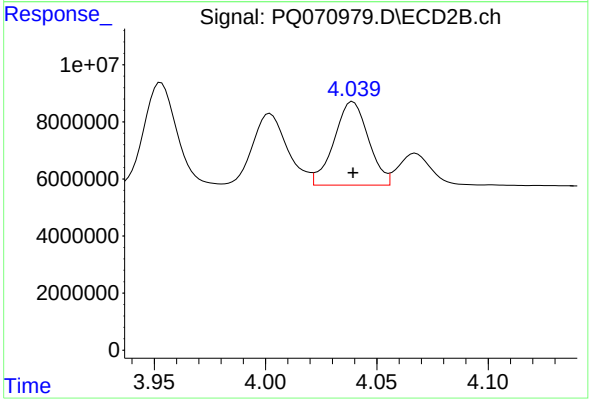
#13 AR-1232-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 36725094
Conc: 500.00 ng/ml



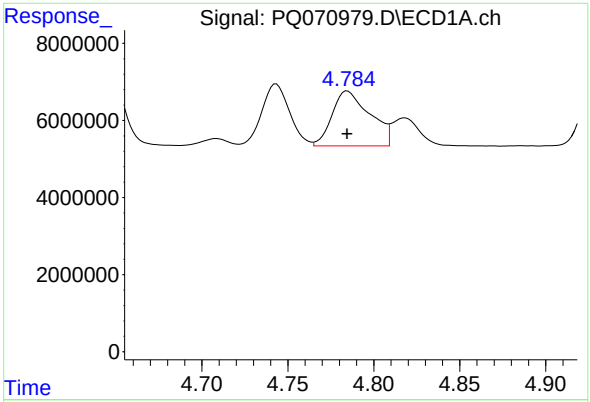
#14 AR-1232-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 27007118
Conc: 500.00 ng/ml



#14 AR-1232-4

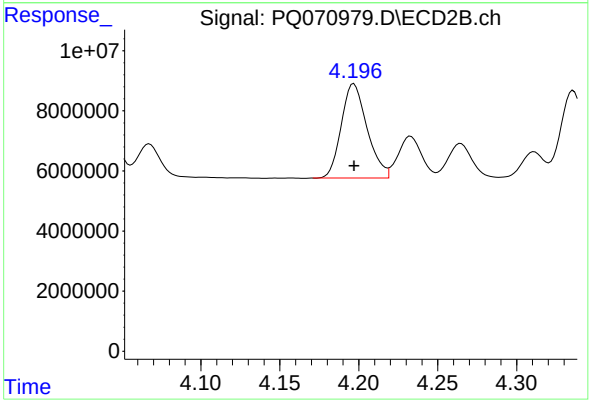
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 31517168
Conc: 500.00 ng/ml



#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)

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

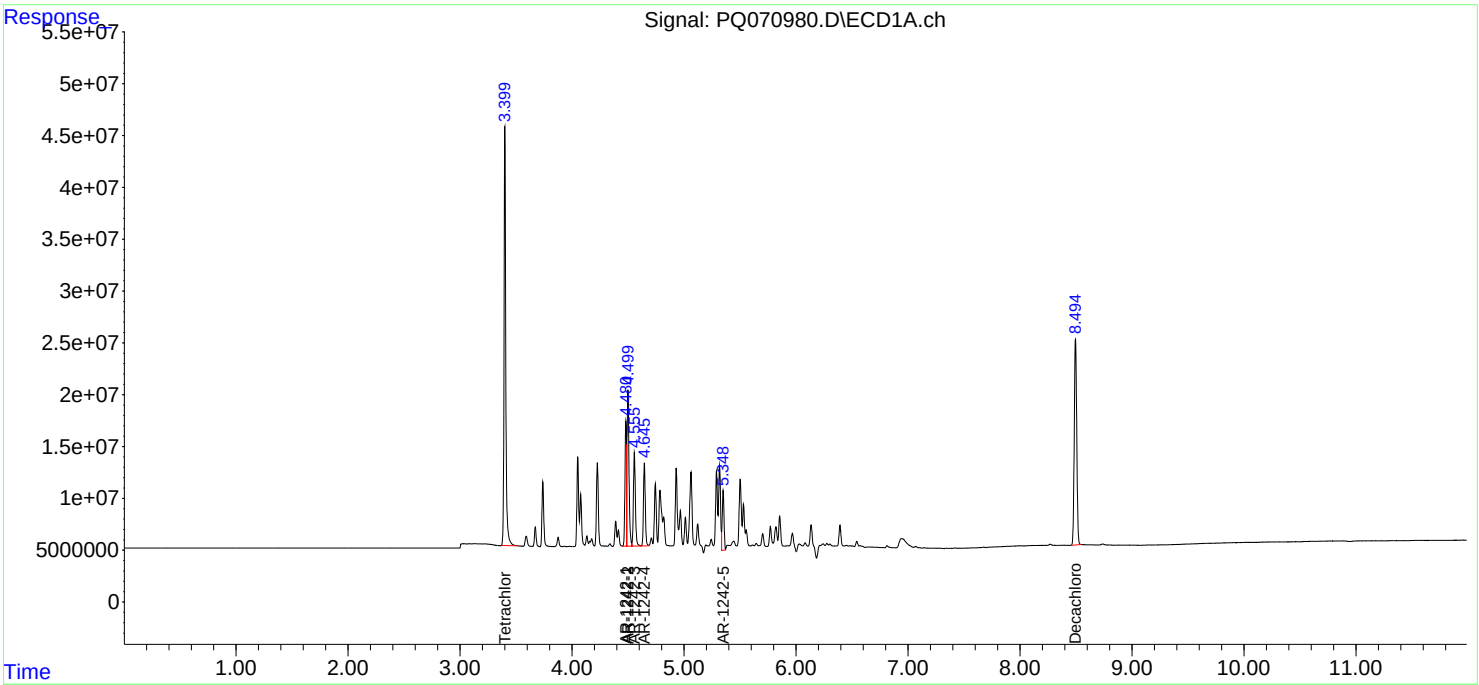
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

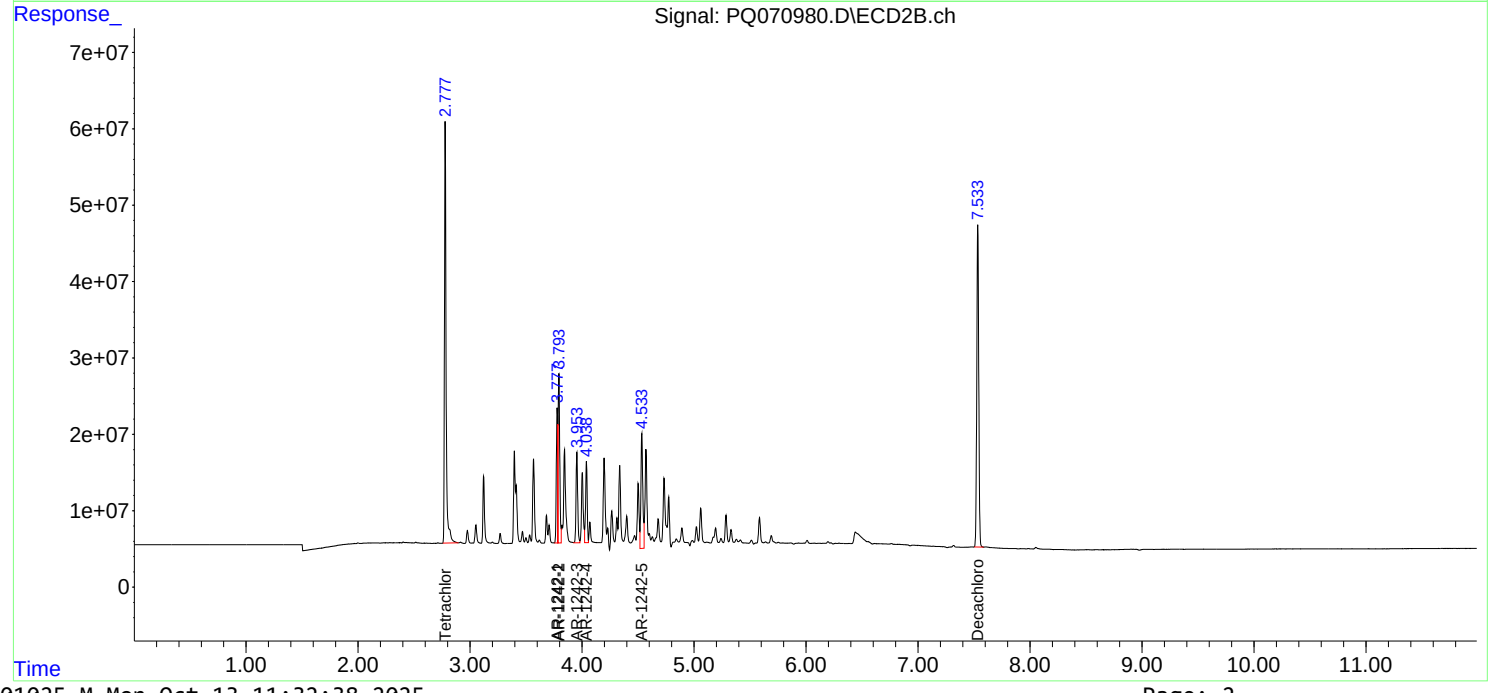
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:38
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

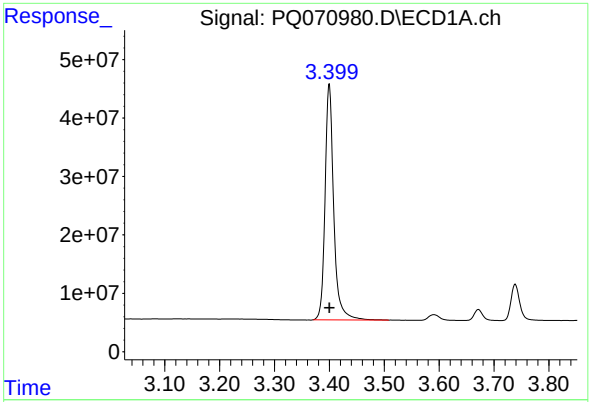
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000

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



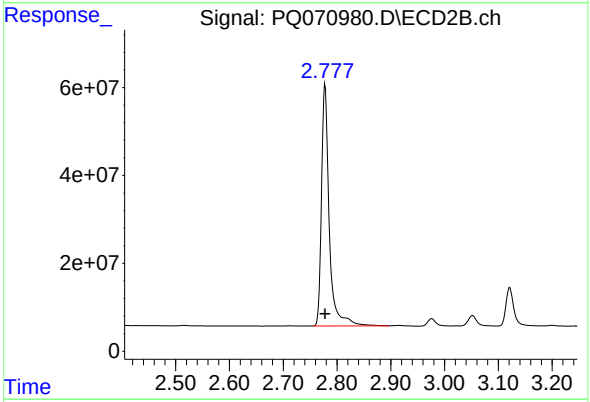




#1 Tetrachloro-m-xylene

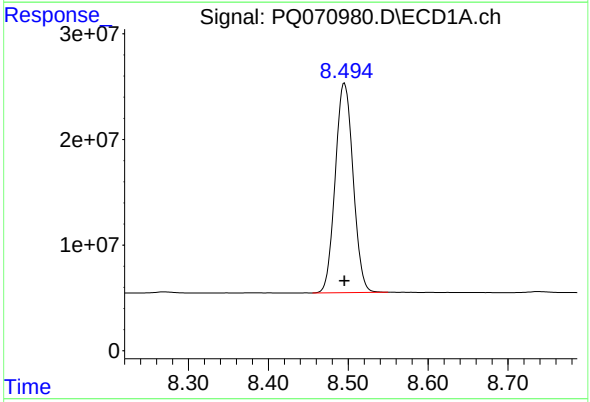
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 444189301
Conc: 98.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



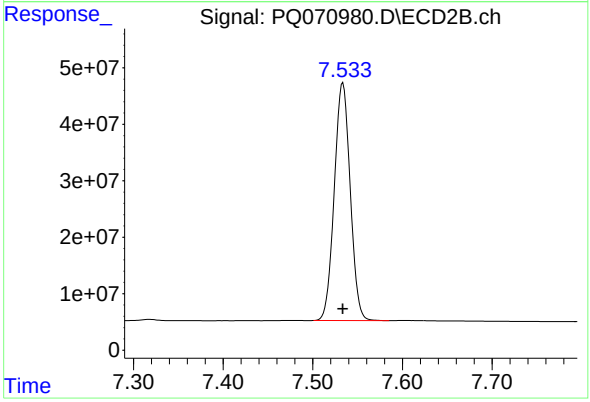
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 551110354
Conc: 98.09 ng/ml



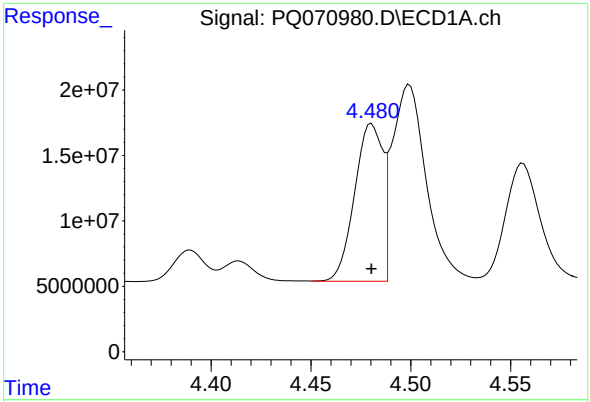
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 308256864
Conc: 95.80 ng/ml



#2 Decachlorobiphenyl

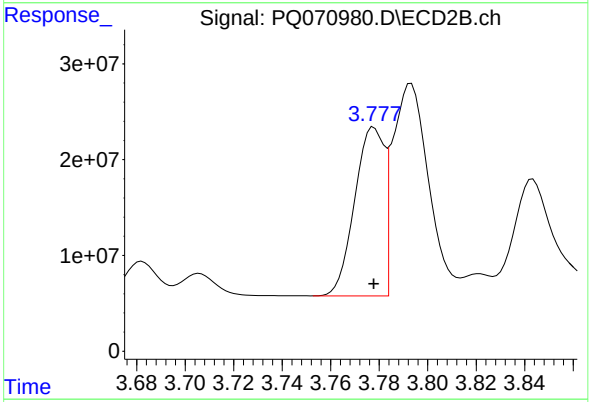
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 519455740
Conc: 96.10 ng/ml



#16 AR-1242-1

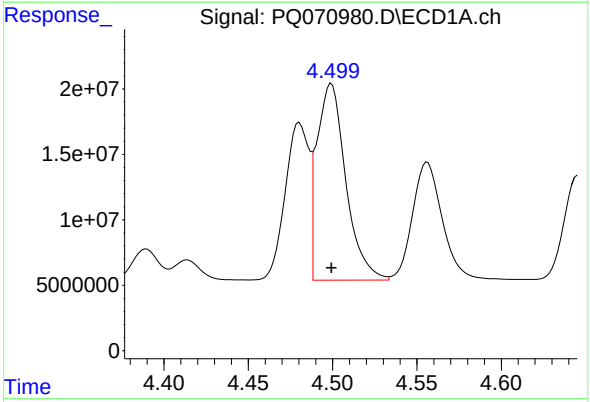
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 117929900
Conc: 983.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



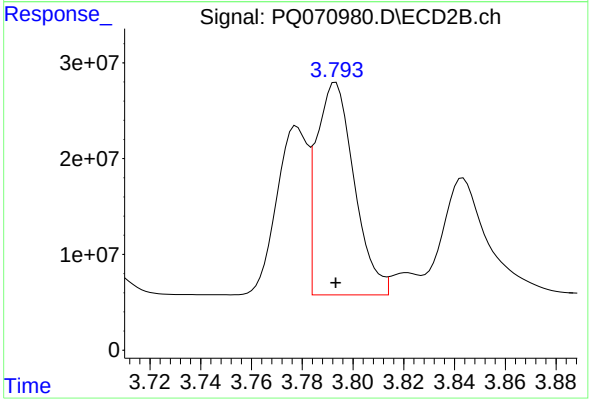
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 149120136
Conc: 964.12 ng/ml



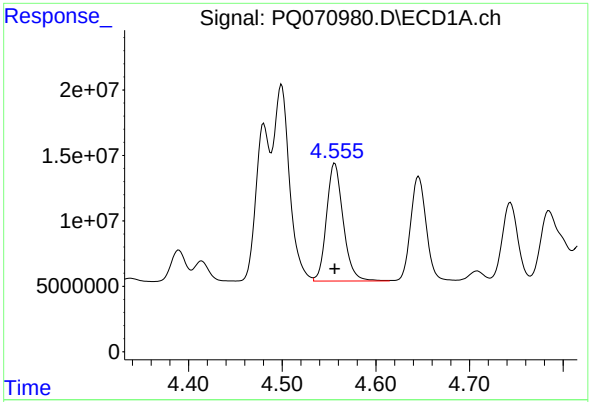
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 179238730
Conc: 959.24 ng/ml



#17 AR-1242-2

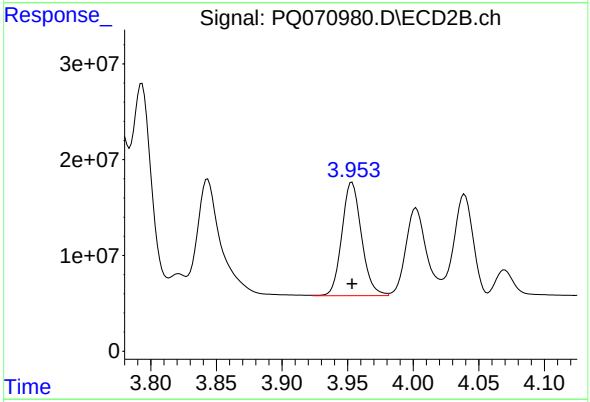
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 228406508
Conc: 966.88 ng/ml



#18 AR-1242-3

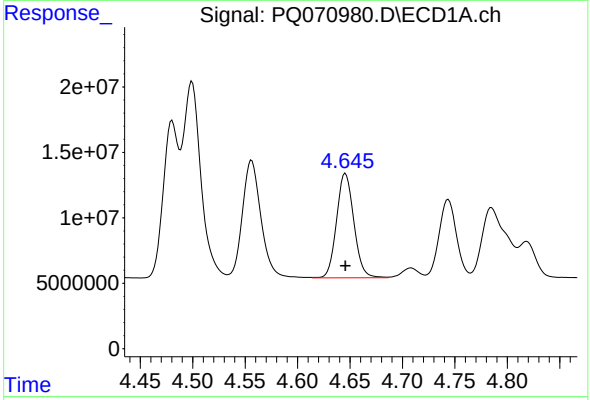
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 111298009
Conc: 959.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



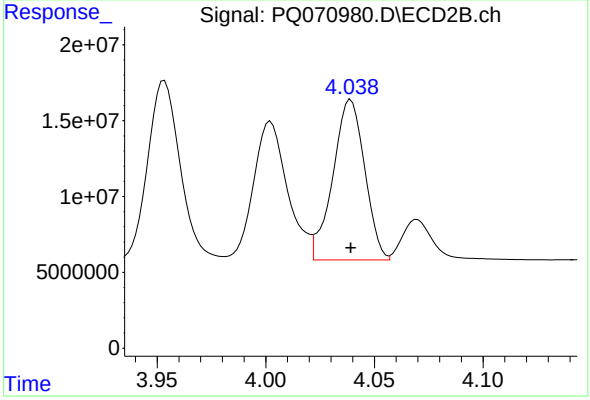
#18 AR-1242-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 123267302
Conc: 965.45 ng/ml



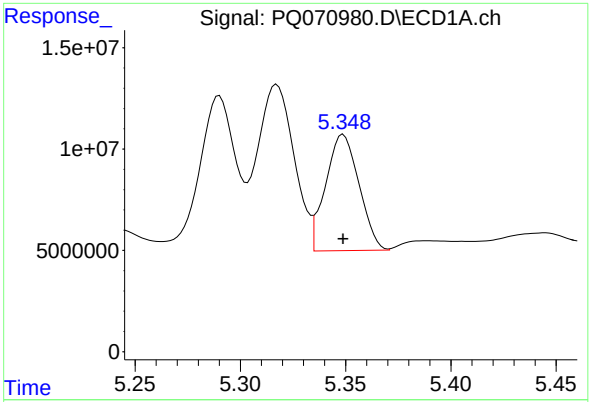
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 91702396
Conc: 962.01 ng/ml



#19 AR-1242-4

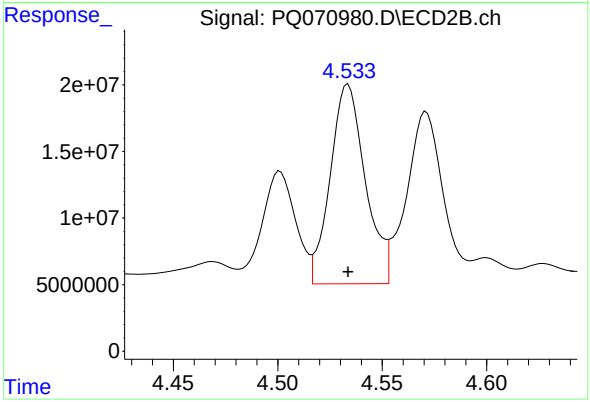
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 107929318
Conc: 943.89 ng/ml



#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)

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

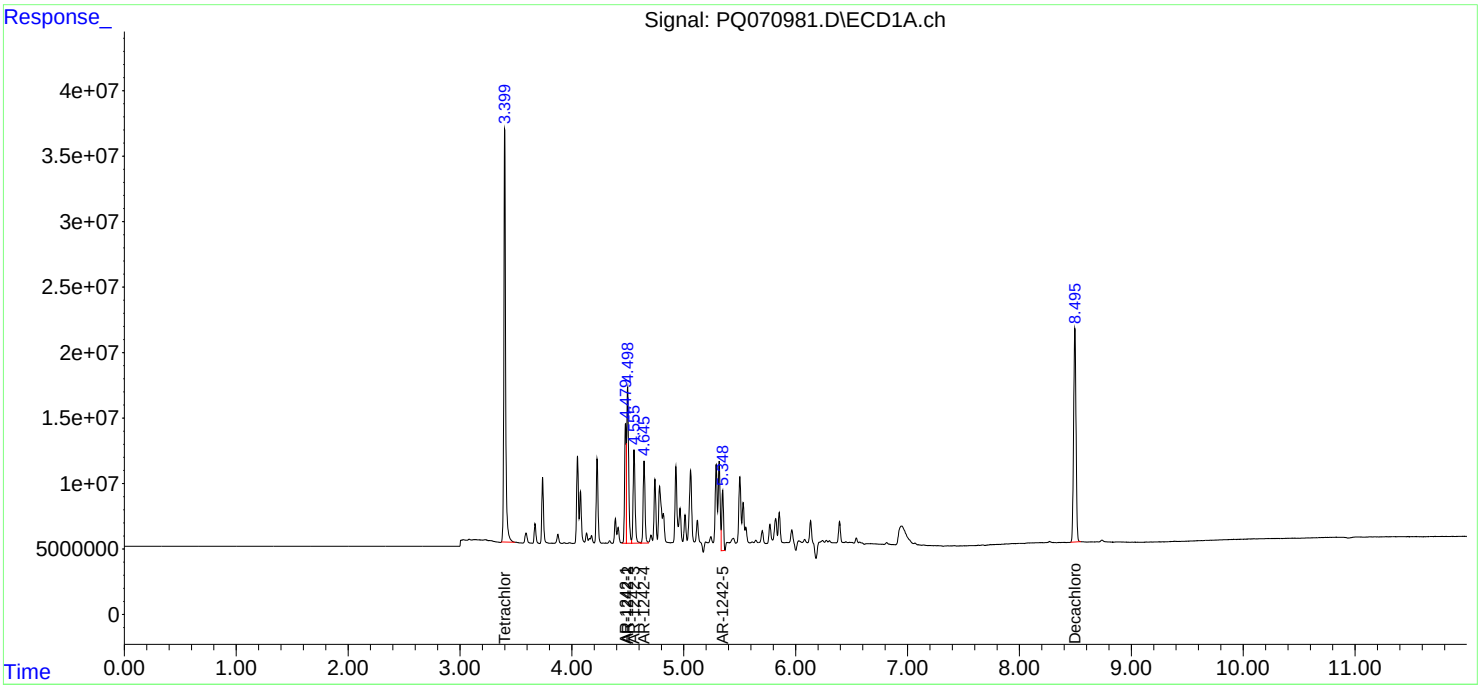
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

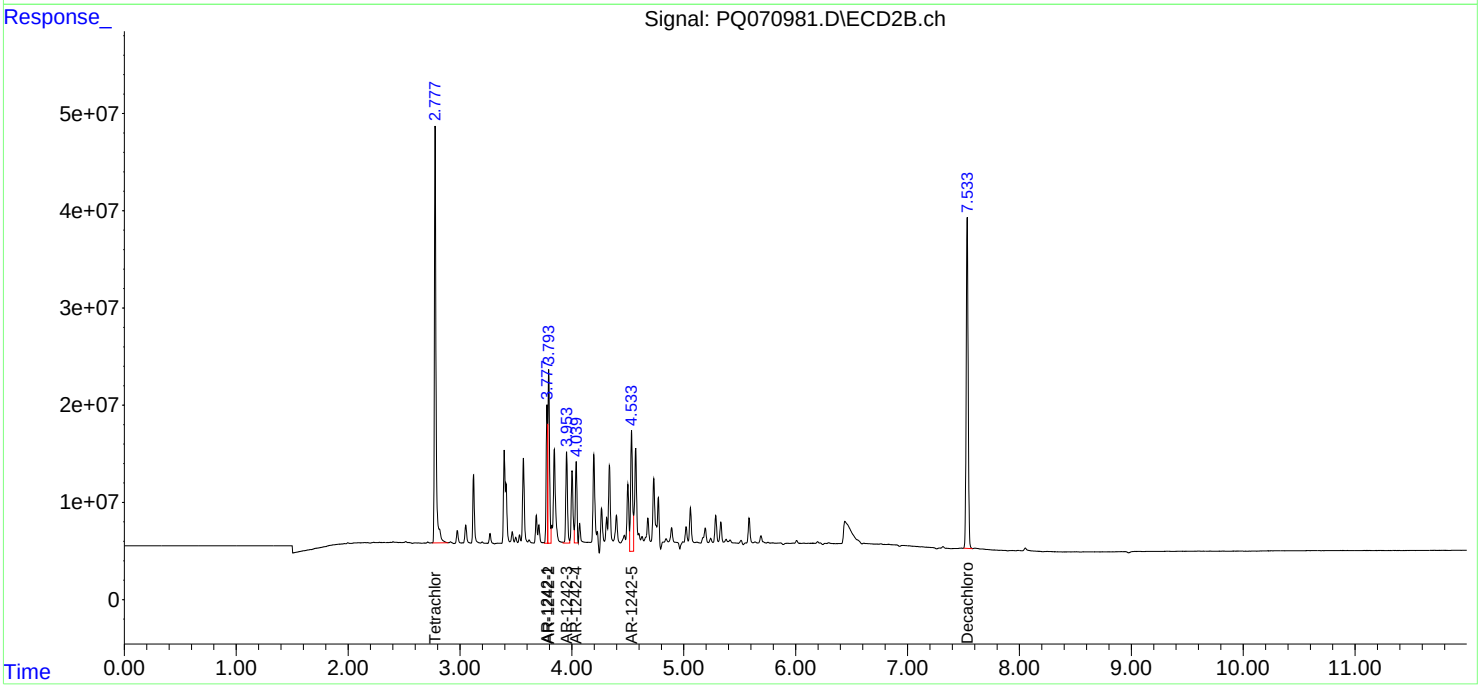
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:53
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

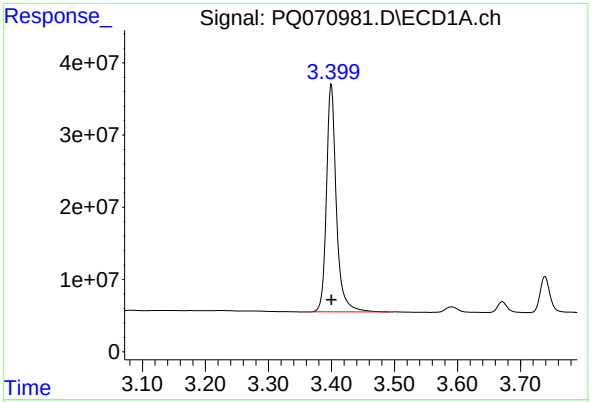
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750

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



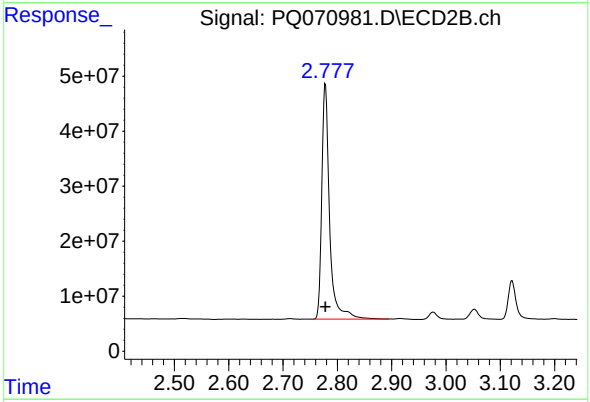




#1 Tetrachloro-m-xylene

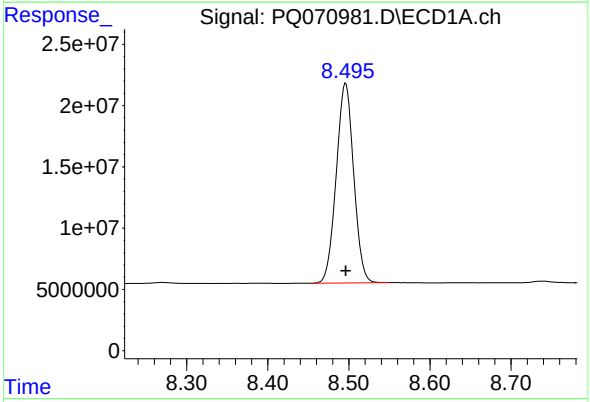
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 343296796
Conc: 75.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



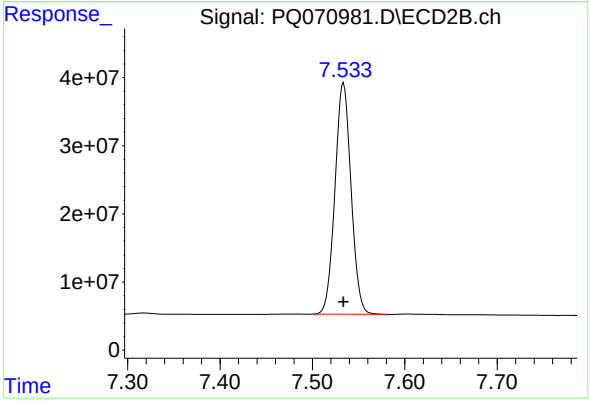
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 428474190
Conc: 75.84 ng/ml



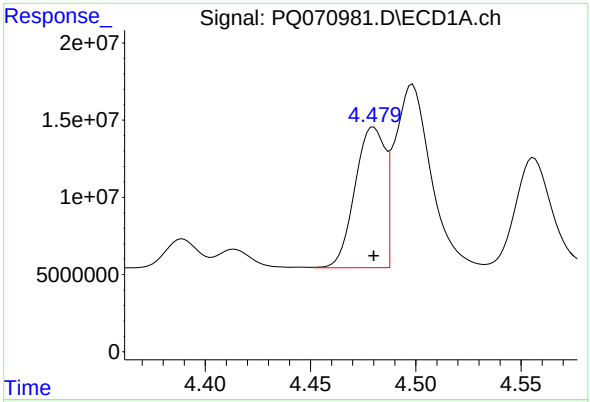
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 243255520
Conc: 75.40 ng/ml



#2 Decachlorobiphenyl

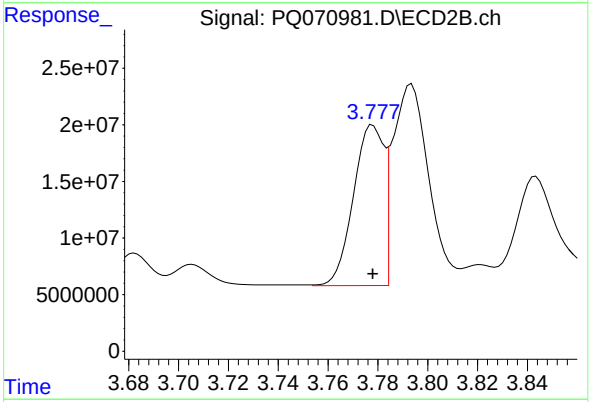
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 411249267
Conc: 75.72 ng/ml



#16 AR-1242-1

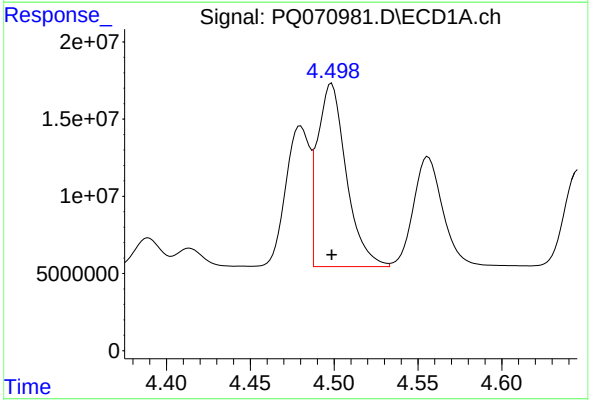
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 90376185
Conc: 752.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



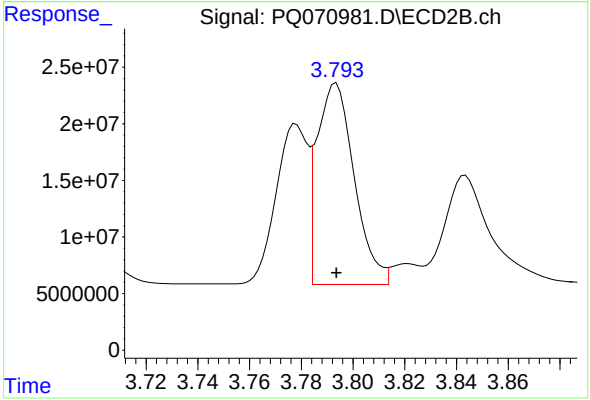
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 120275140
Conc: 768.19 ng/ml



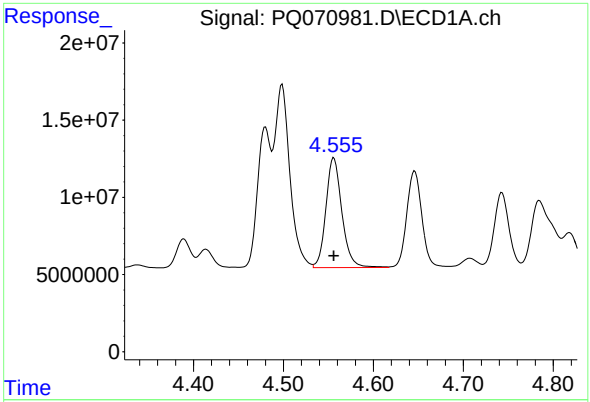
#17 AR-1242-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 141571716
Conc: 755.09 ng/ml



#17 AR-1242-2

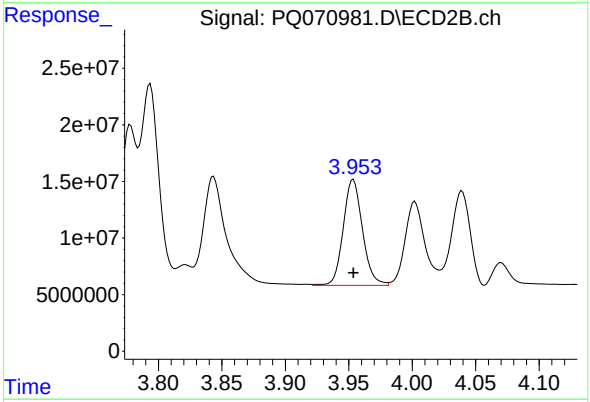
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 178303451
Conc: 753.18 ng/ml



#18 AR-1242-3

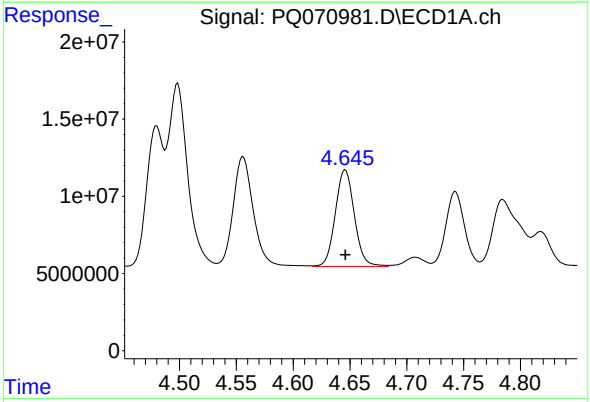
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 87949114
Conc: 755.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



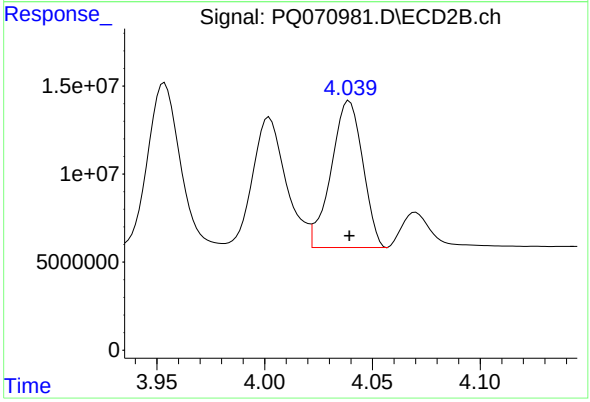
#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 98835228
Conc: 765.89 ng/ml



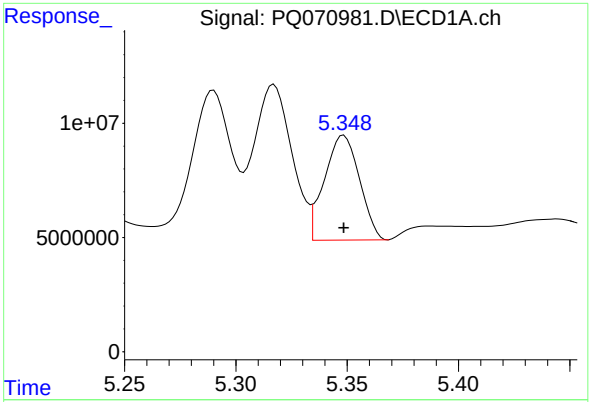
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 73032215
Conc: 760.69 ng/ml



#19 AR-1242-4

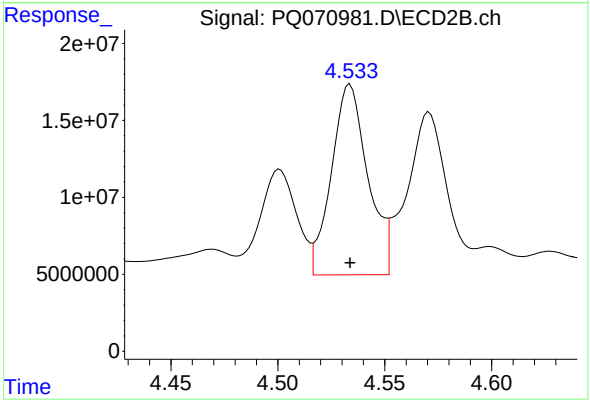
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 85057385
Conc: 745.90 ng/ml



#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)

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

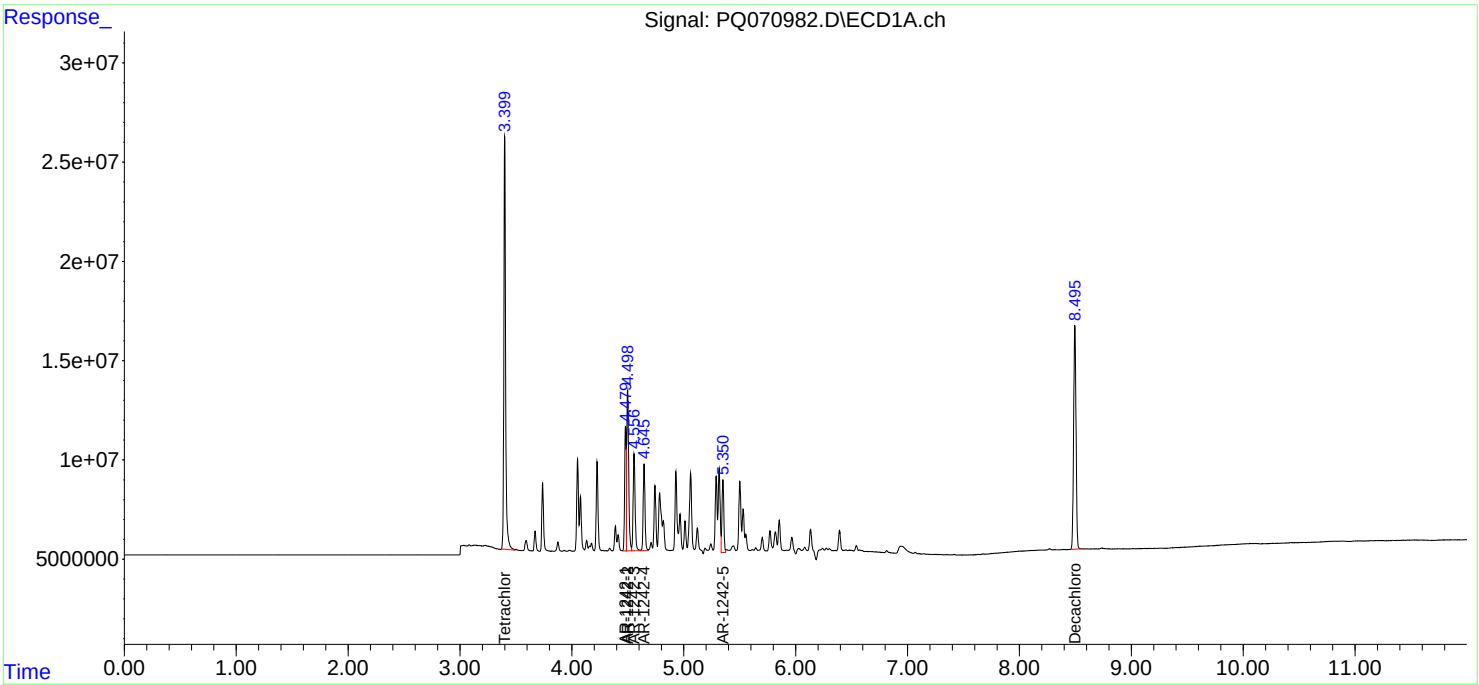
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

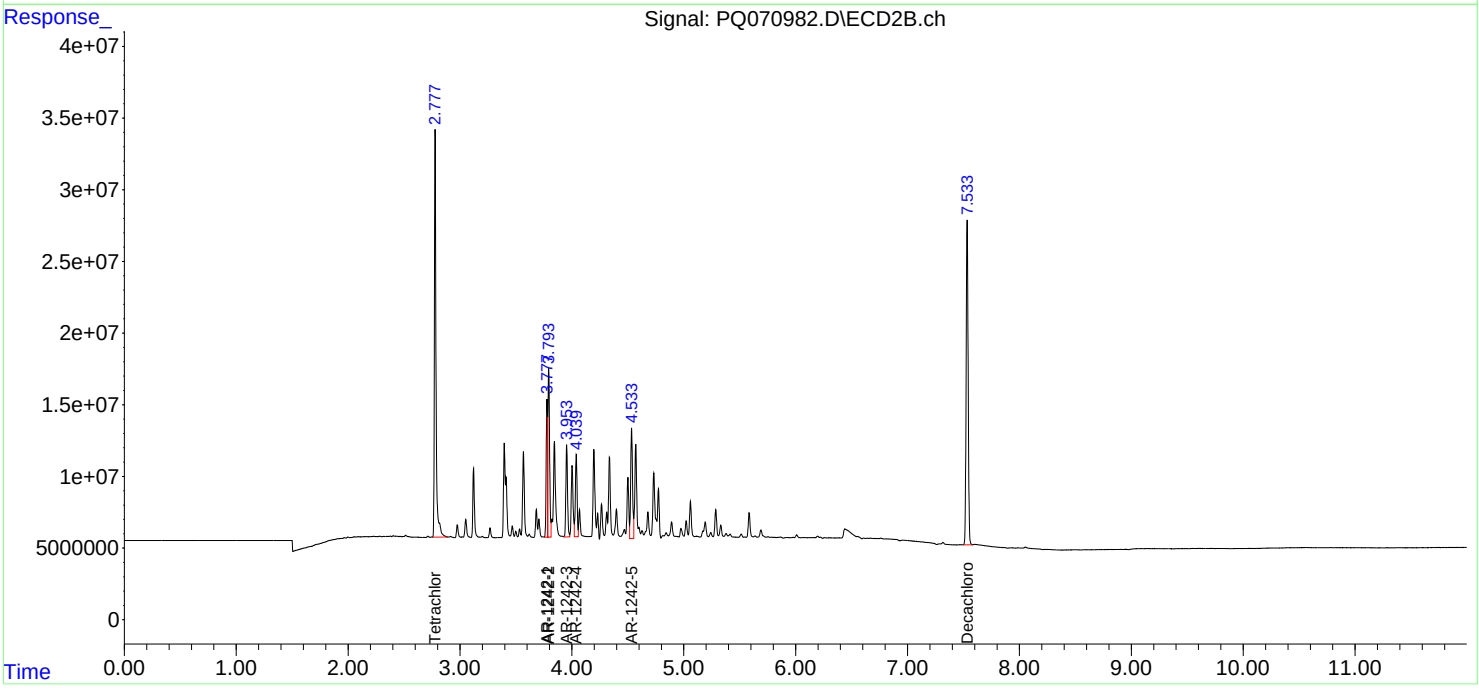
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:08
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

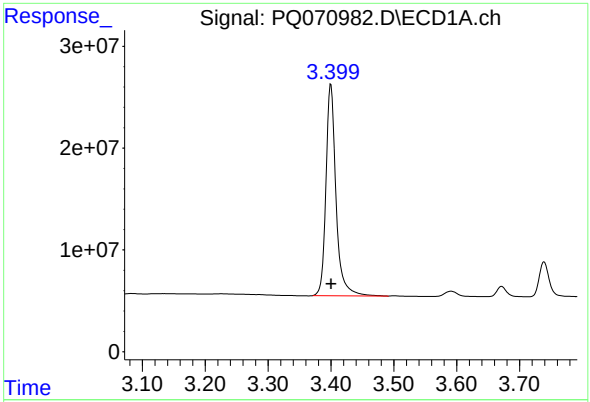
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

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



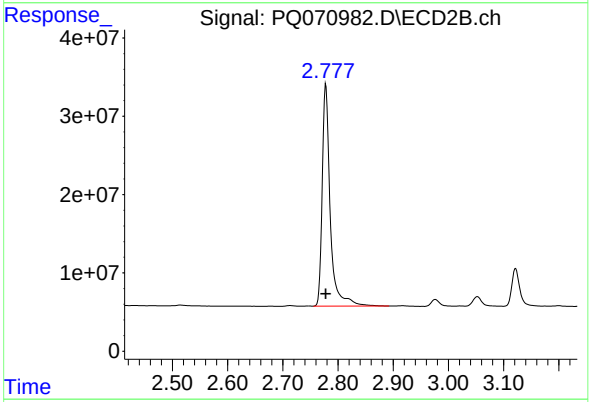




#1 Tetrachloro-m-xylene

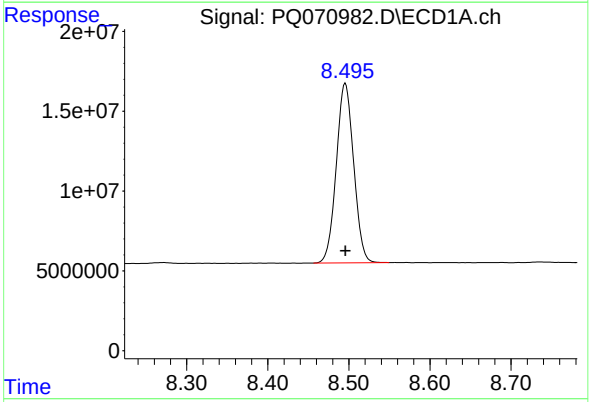
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 231153264
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



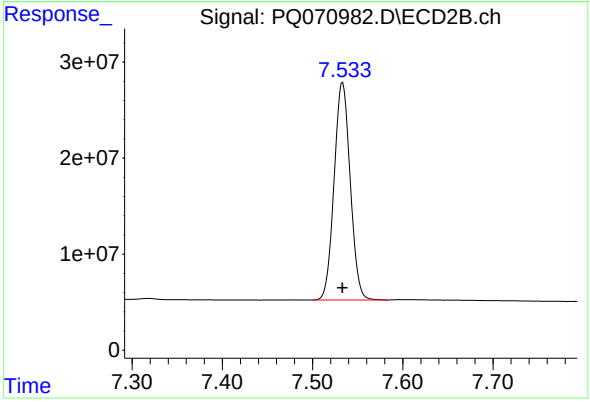
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286277162
Conc: 50.00 ng/ml



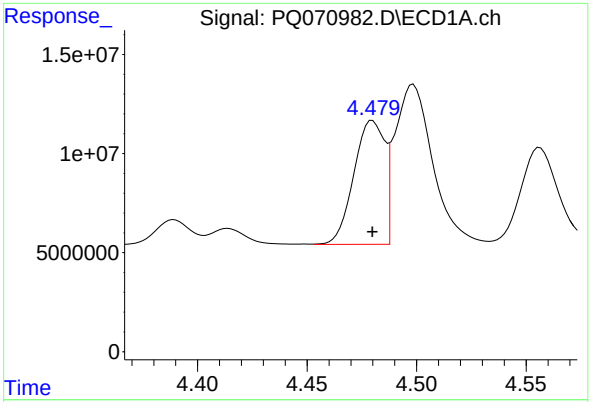
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 167640288
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

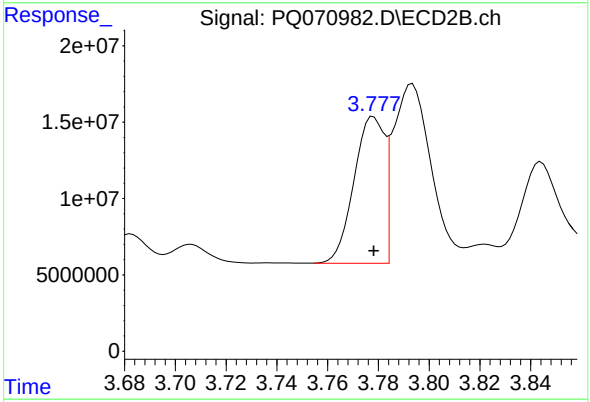
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 280823944
Conc: 50.00 ng/ml



#16 AR-1242-1

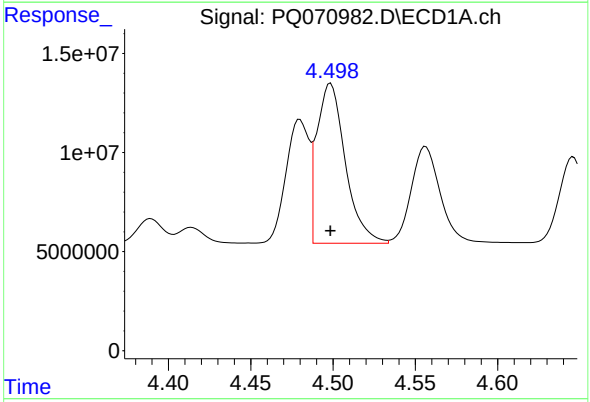
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 60958684
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



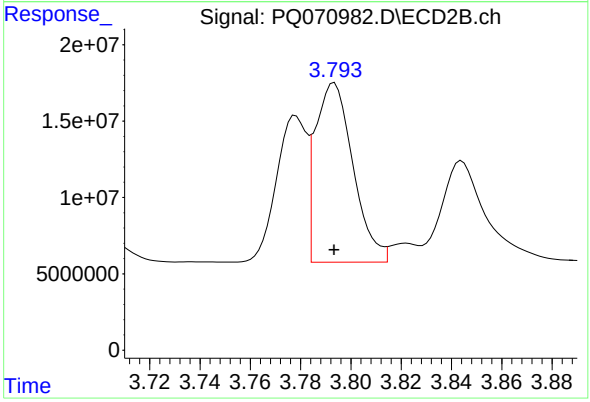
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 80109600
Conc: 500.00 ng/ml



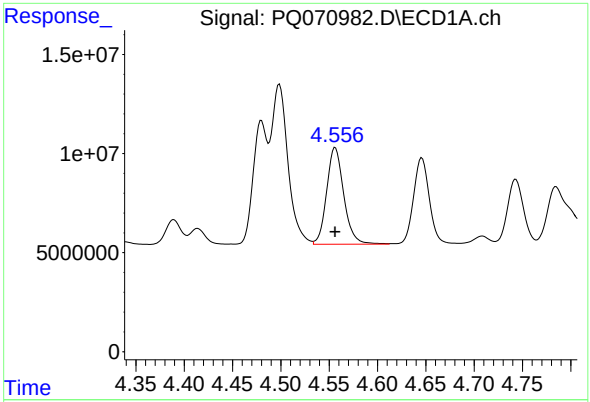
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 97235865
Conc: 500.00 ng/ml



#17 AR-1242-2

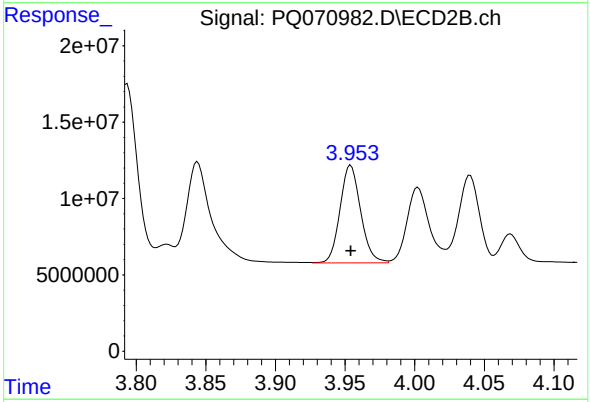
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 122027510
Conc: 500.00 ng/ml



#18 AR-1242-3

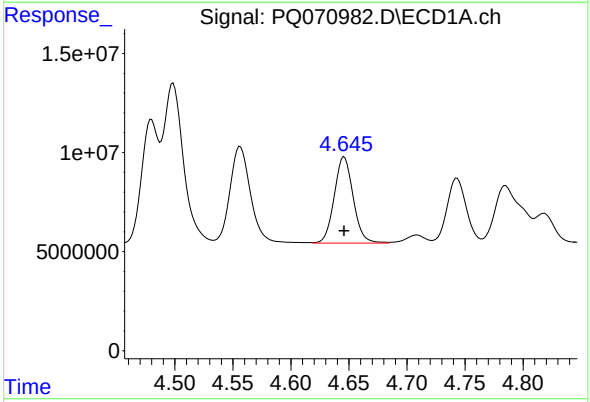
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 60364163
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



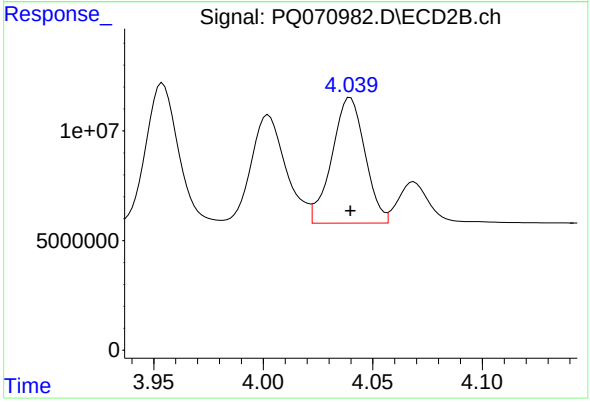
#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 66044686
Conc: 500.00 ng/ml



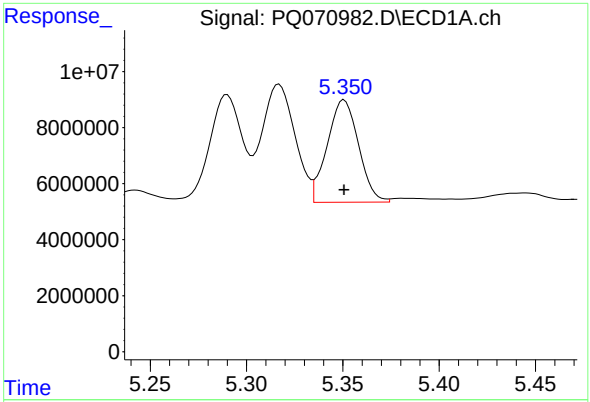
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 49472392
Conc: 500.00 ng/ml



#19 AR-1242-4

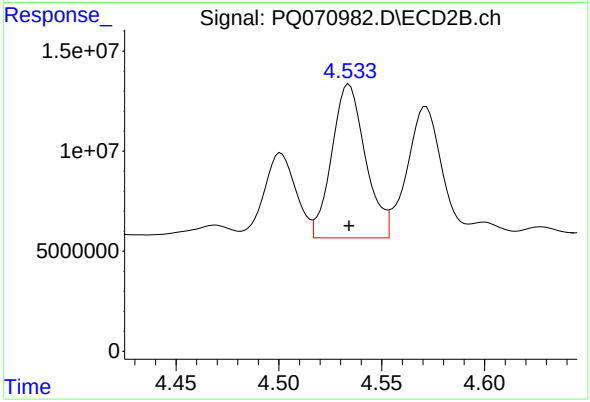
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 60380961
Conc: 500.00 ng/ml



#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)

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 #

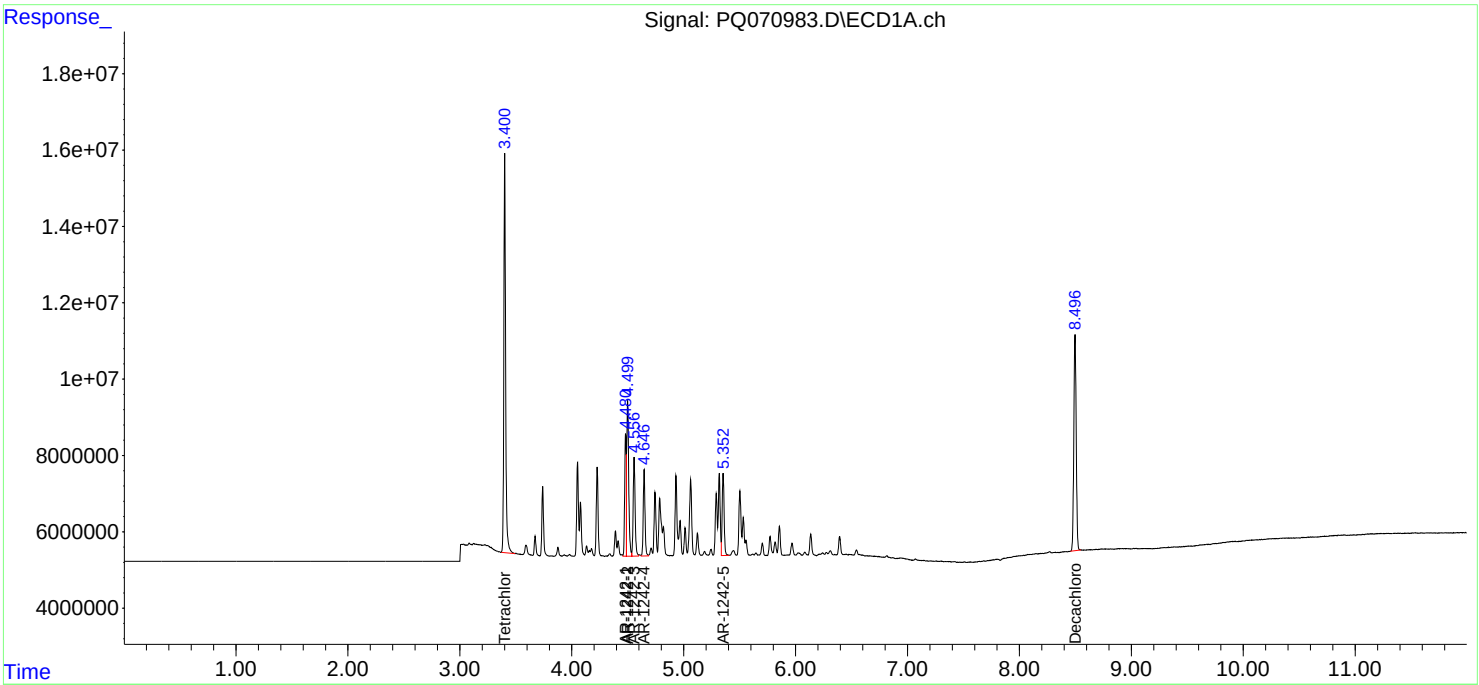
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

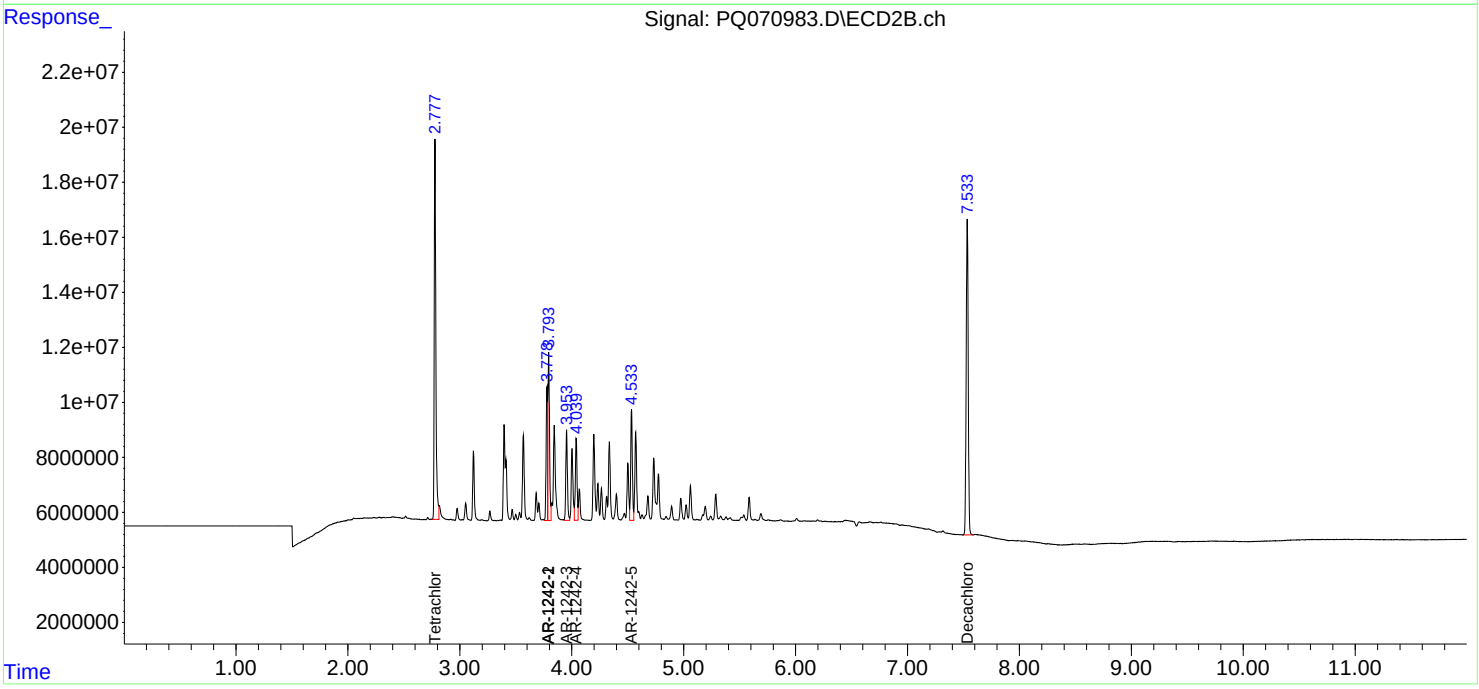
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:22
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

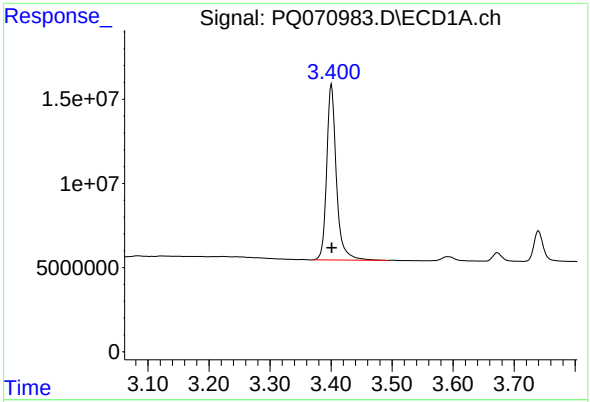
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250

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



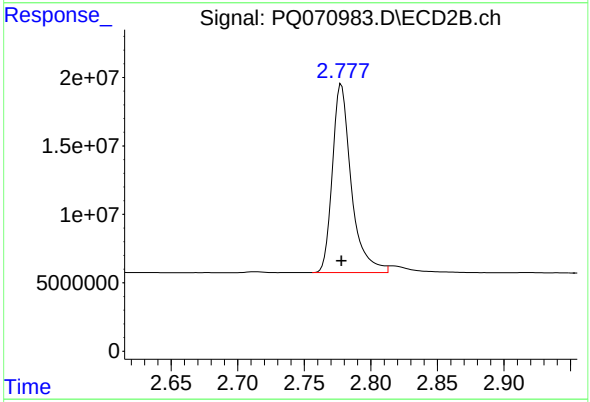




#1 Tetrachloro-m-xylene

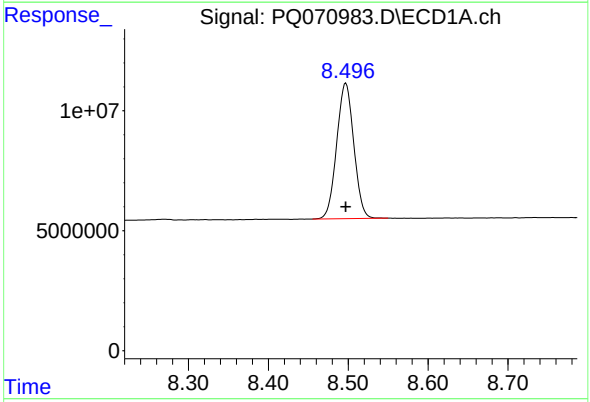
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 115146396
Conc: 25.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



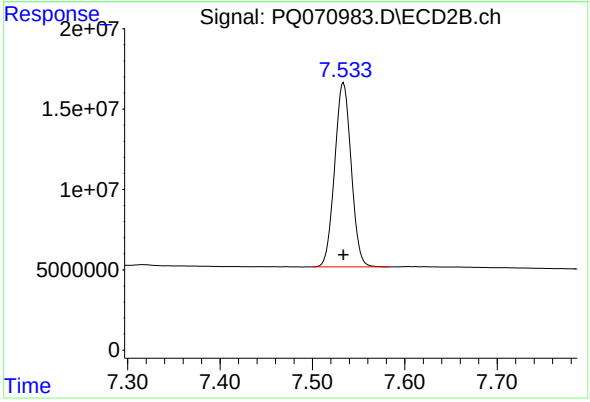
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 136161324
Conc: 24.32 ng/ml



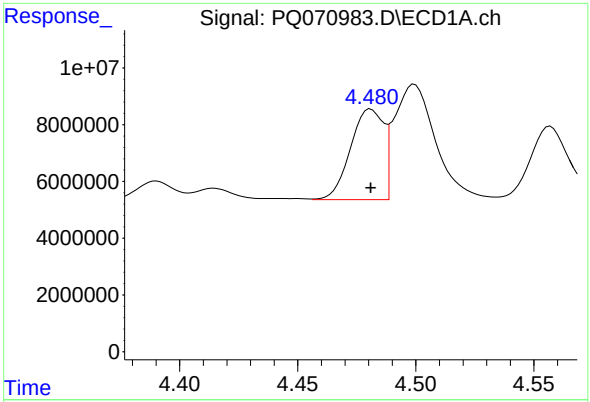
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 83994234
Conc: 25.77 ng/ml



#2 Decachlorobiphenyl

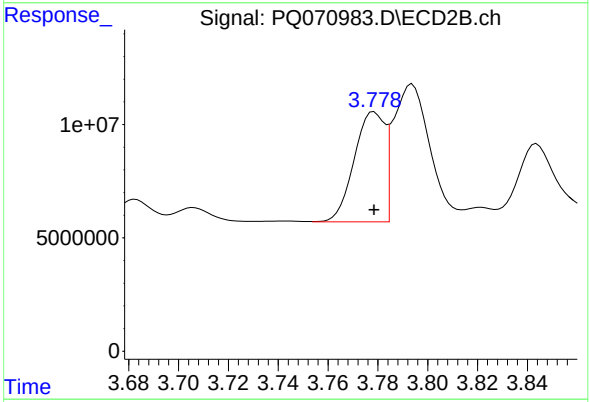
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 142468913
Conc: 25.91 ng/ml



#16 AR-1242-1

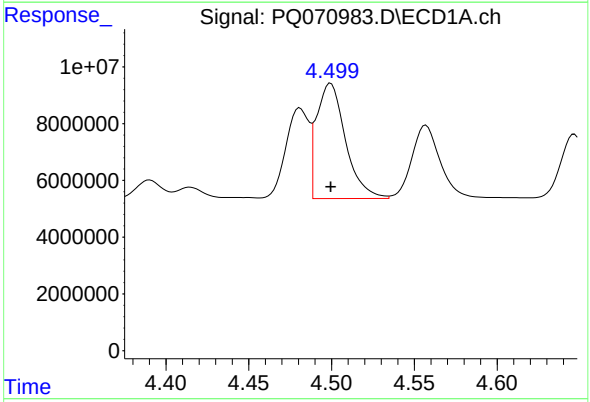
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 31044472
Conc: 256.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



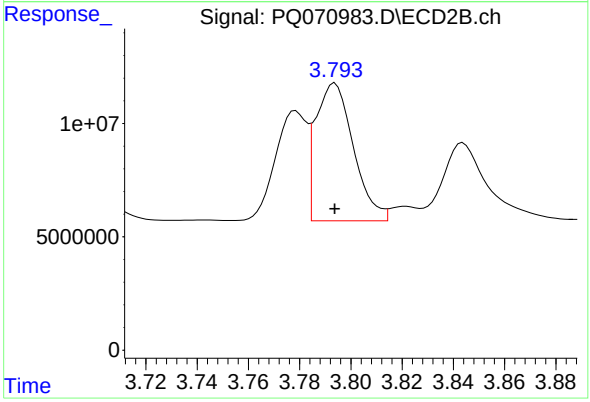
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 41346745
Conc: 260.41 ng/ml



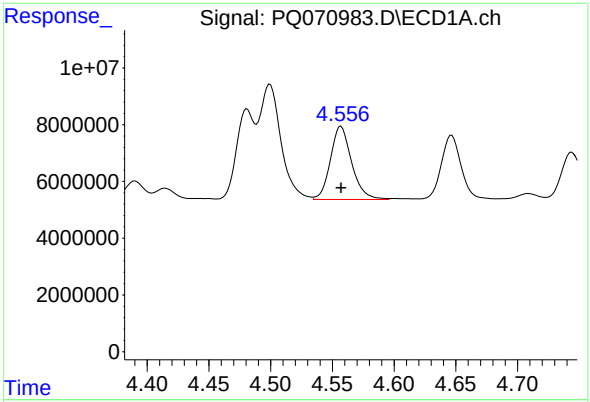
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 49429930
Conc: 260.09 ng/ml



#17 AR-1242-2

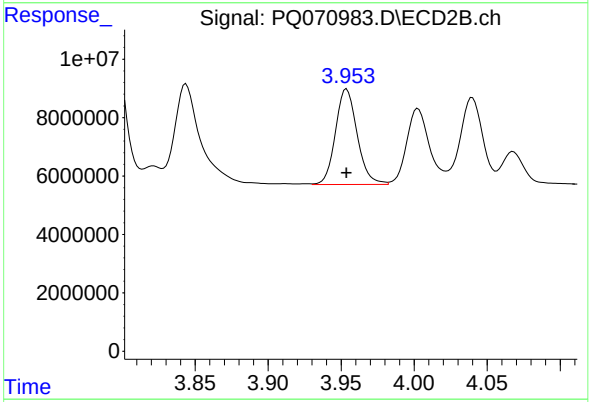
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 62193156
Conc: 259.42 ng/ml



#18 AR-1242-3

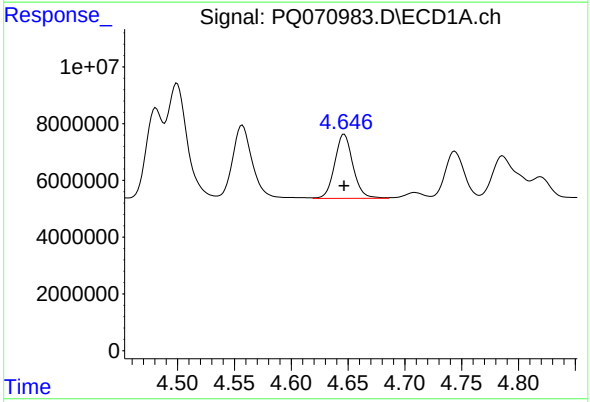
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 30938677
Conc: 261.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



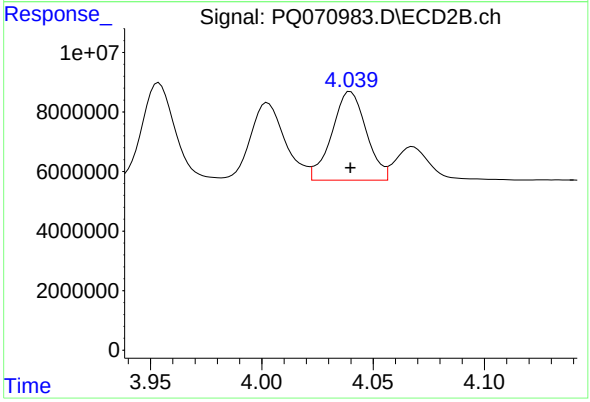
#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 33857327
Conc: 259.16 ng/ml



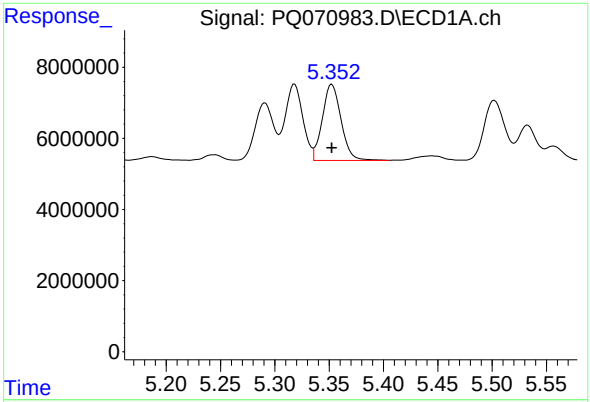
#19 AR-1242-4

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 25299238
Conc: 260.00 ng/ml



#19 AR-1242-4

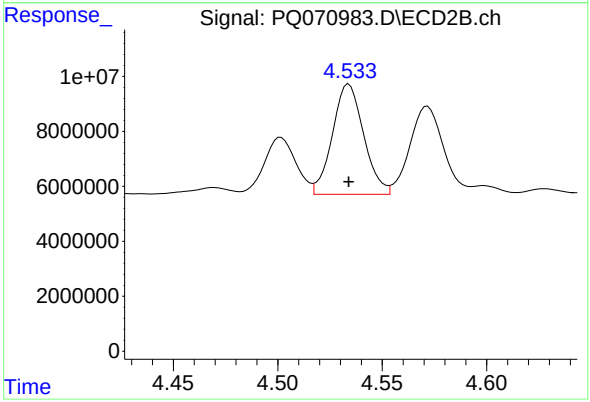
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 32086157
Conc: 272.81 ng/ml



#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)

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.

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

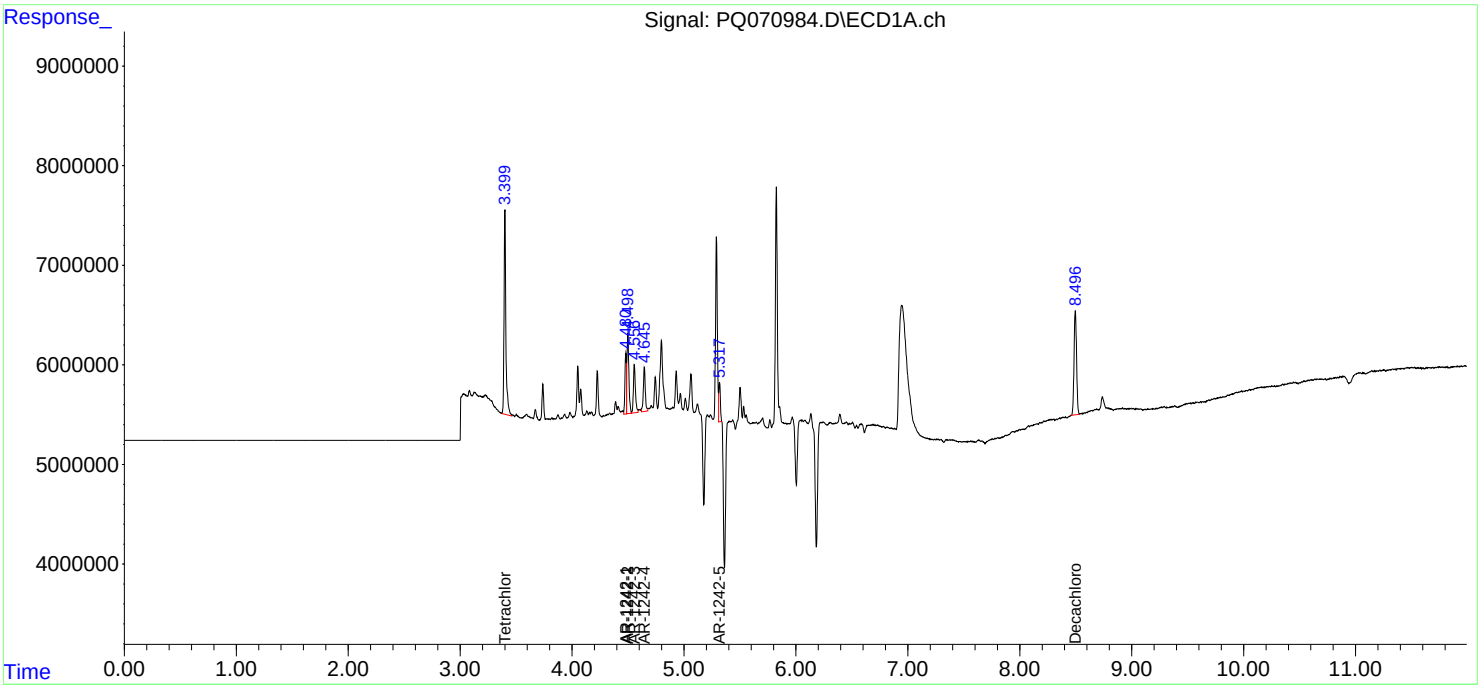
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

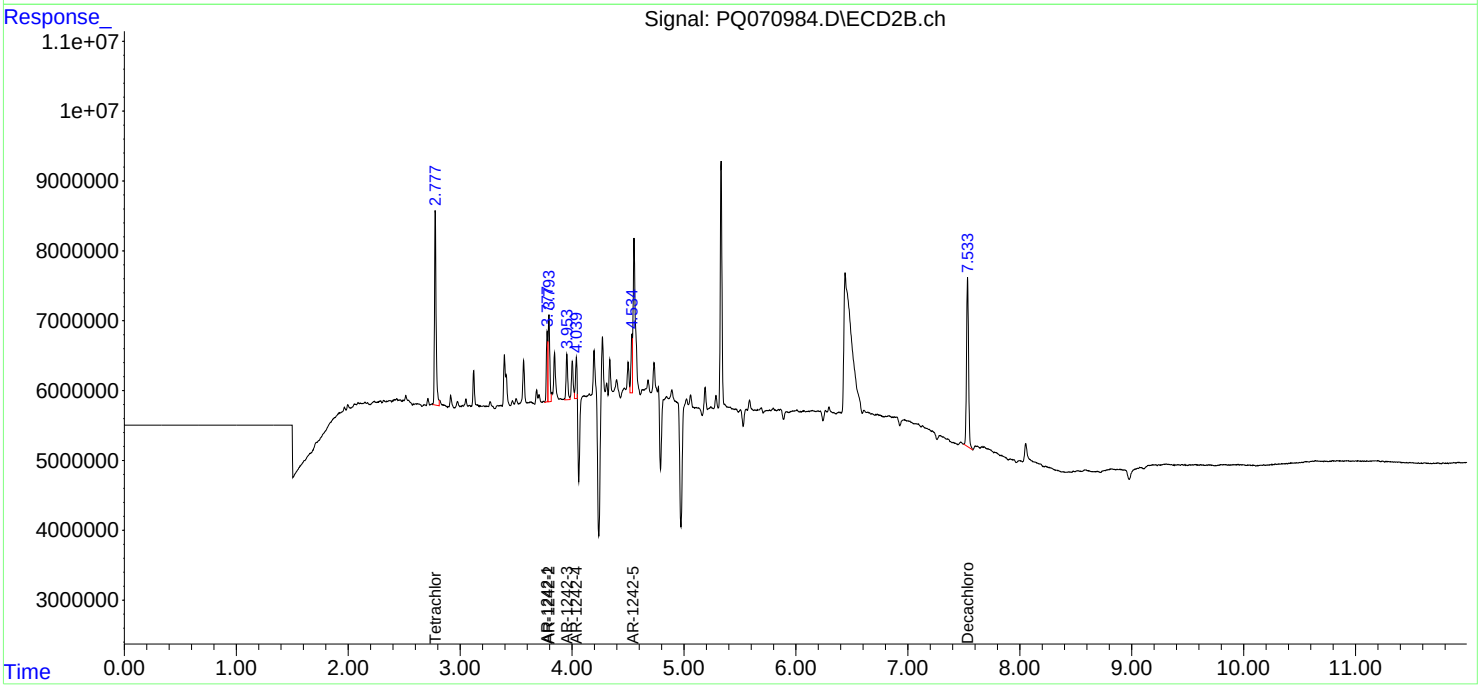
Manual Integrations APPROVED

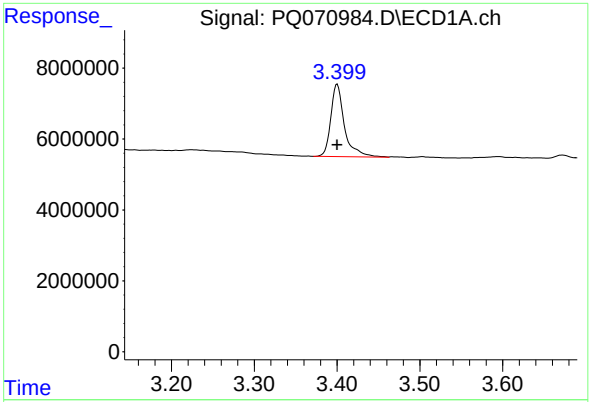
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

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







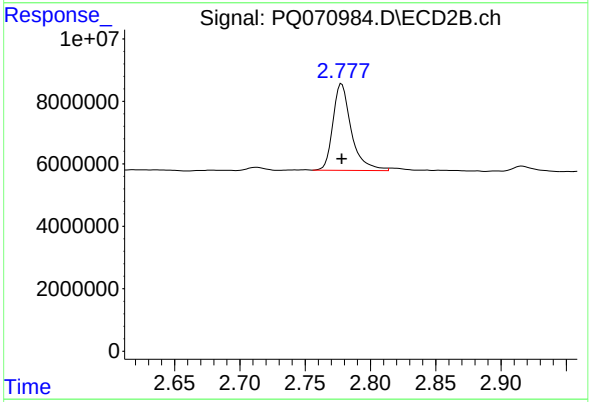
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 23512581
Conc: 5.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

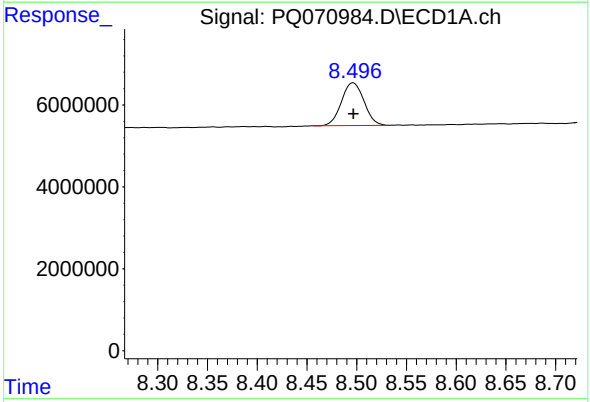
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



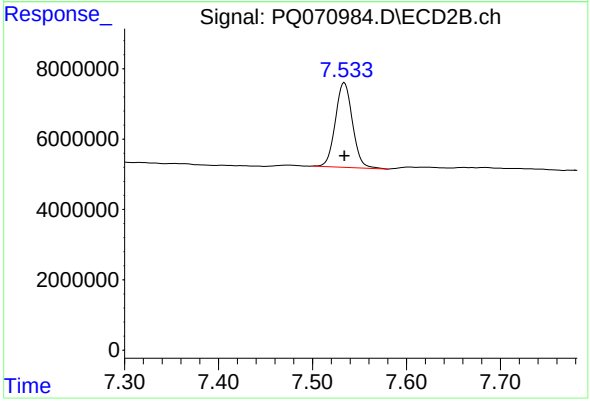
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 27180813
Conc: 4.88 ng/ml



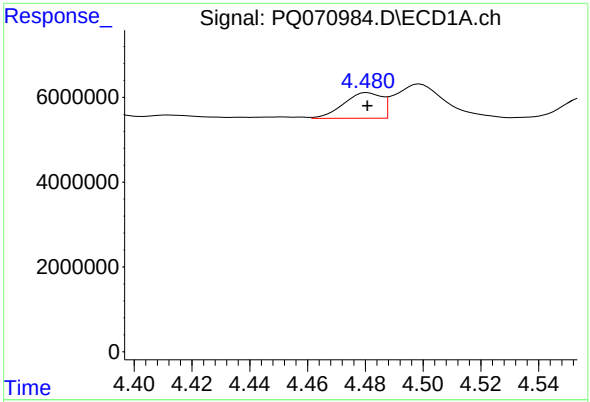
#2 Decachlorobiphenyl

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



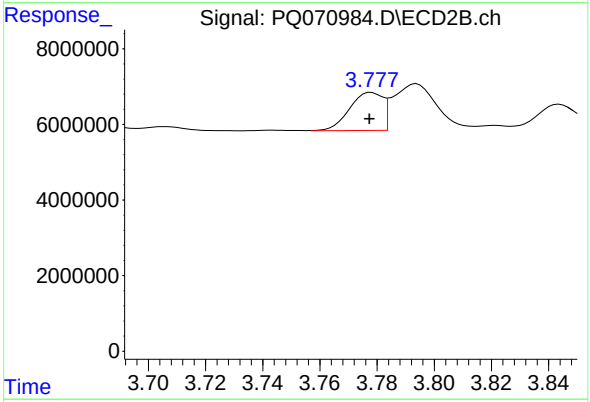
#16 AR-1242-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 5511662
Conc: 46.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

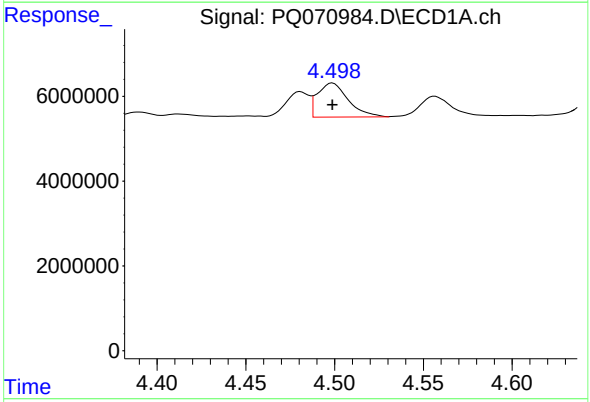
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



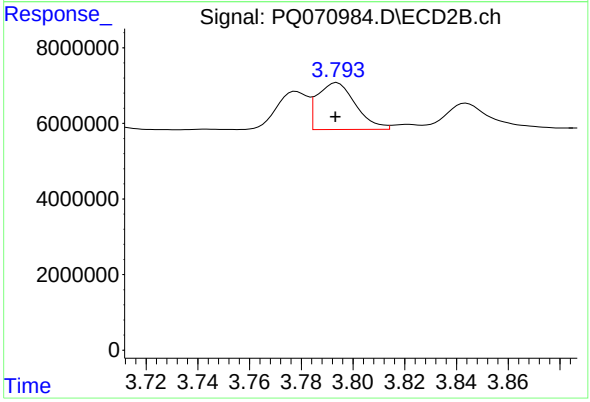
#16 AR-1242-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 8960987
Conc: 57.04 ng/ml m



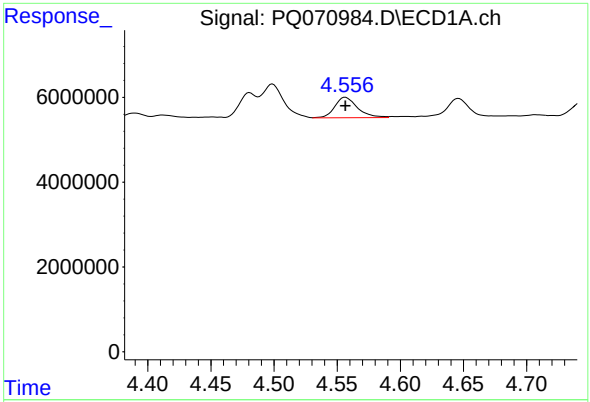
#17 AR-1242-2

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



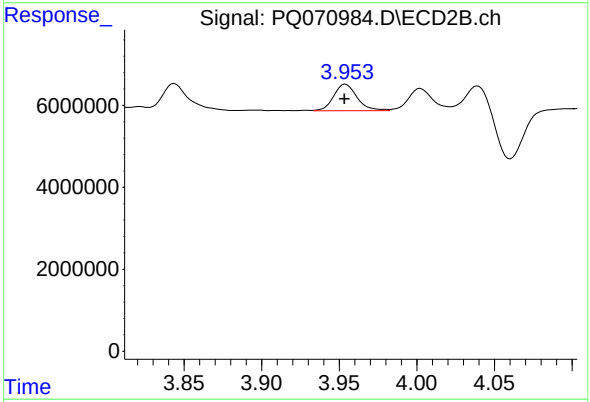
#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 6071735
Conc: 51.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

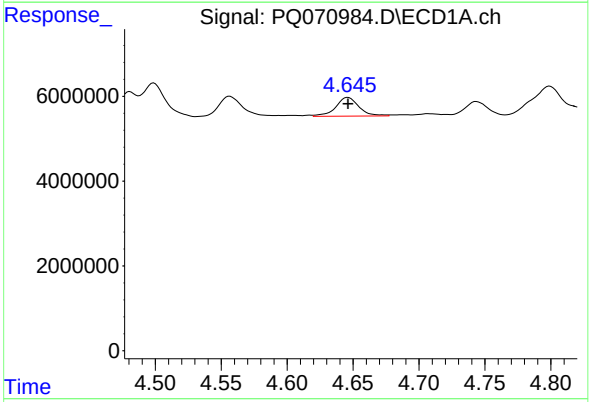
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



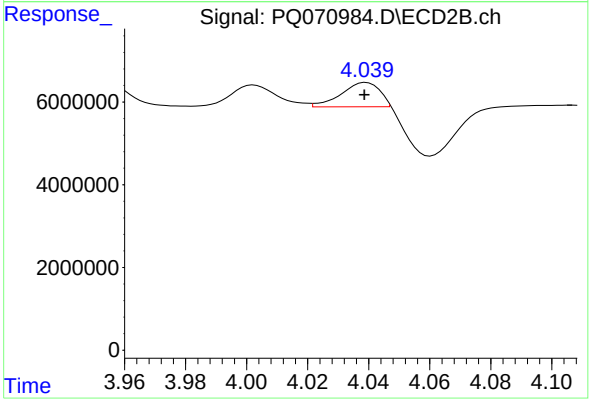
#18 AR-1242-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 6826795
Conc: 51.80 ng/ml m



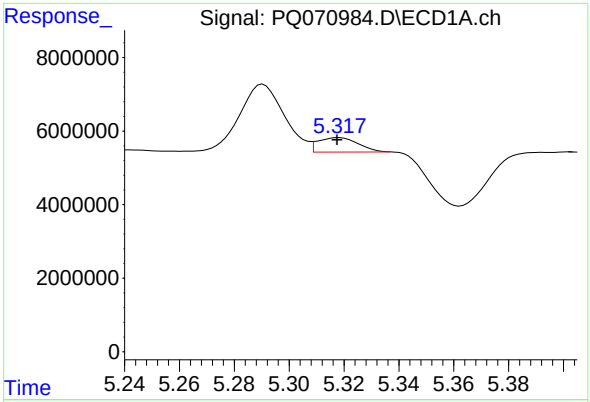
#19 AR-1242-4

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



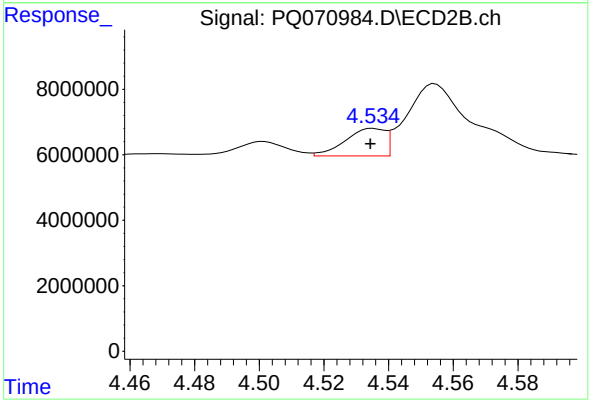
#20 AR-1242-5

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)

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

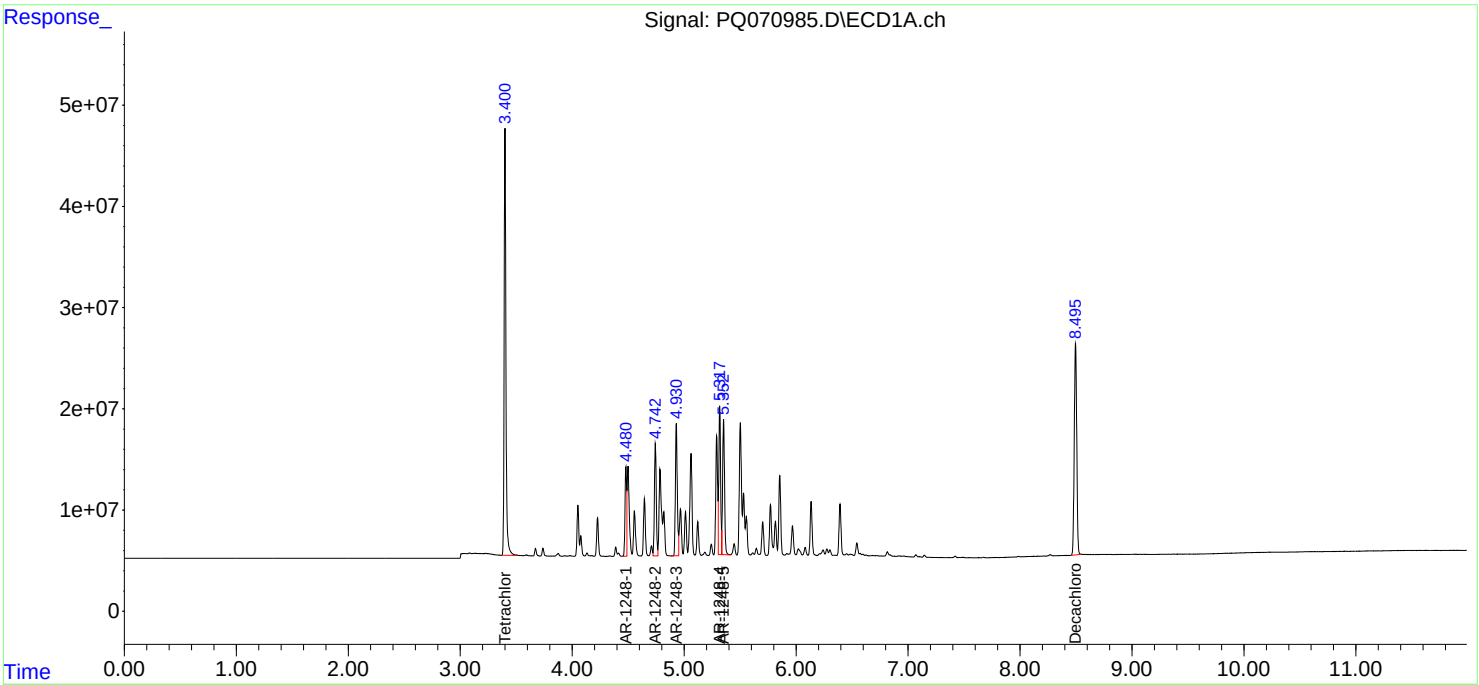
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

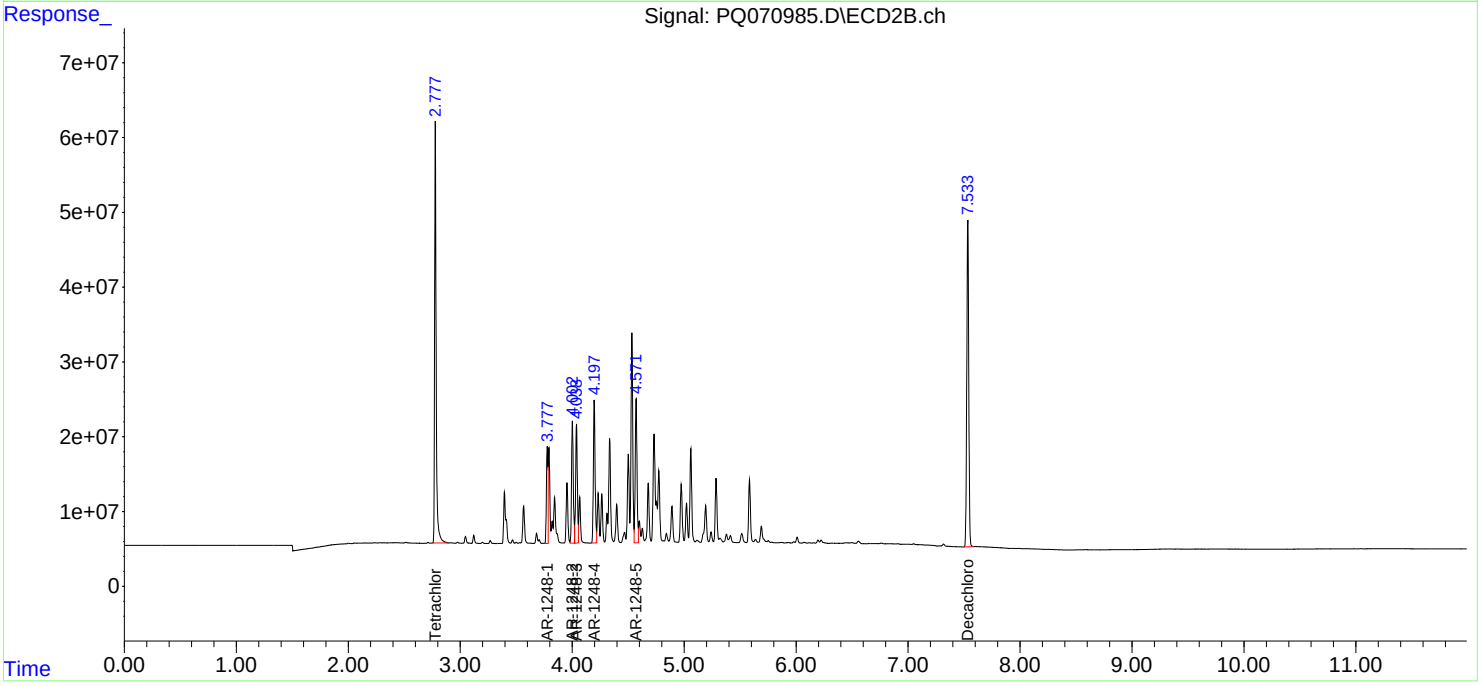
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:51
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

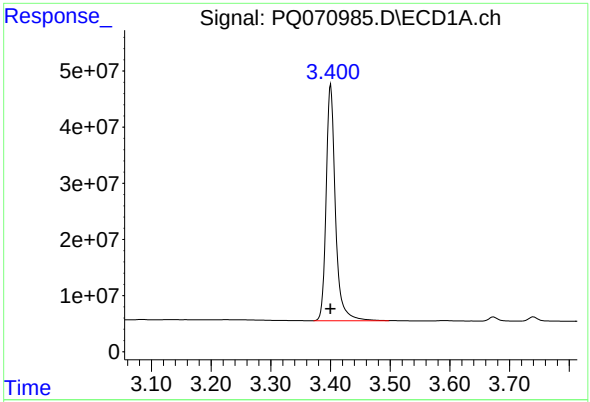
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000

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



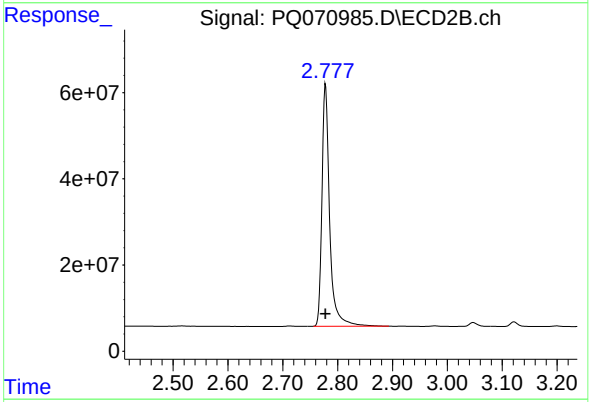




#1 Tetrachloro-m-xylene

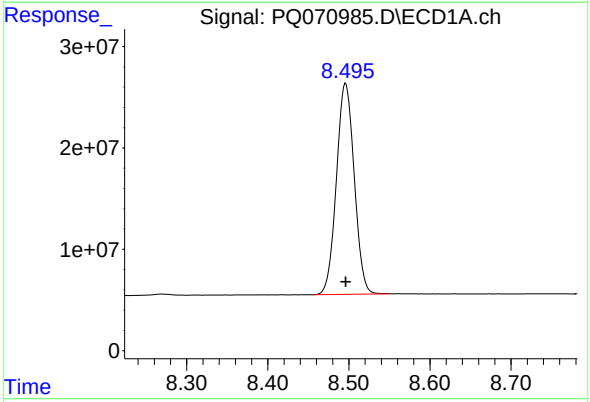
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 454650898
Conc: 97.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



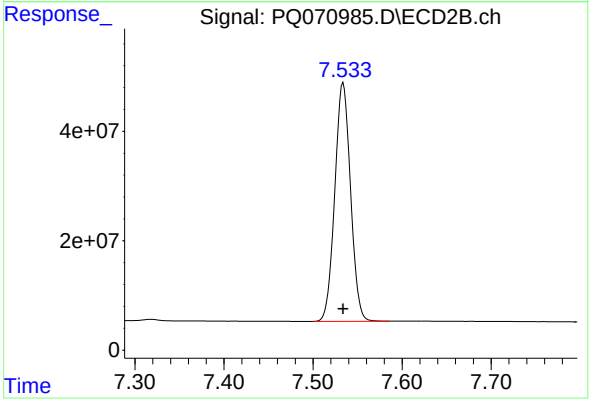
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 549926827
Conc: 98.01 ng/ml



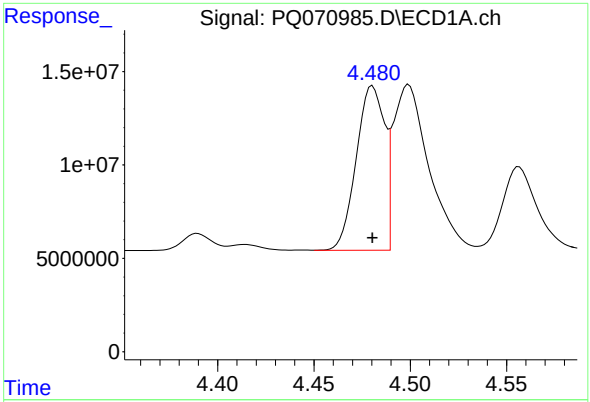
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 317734844
Conc: 96.57 ng/ml



#2 Decachlorobiphenyl

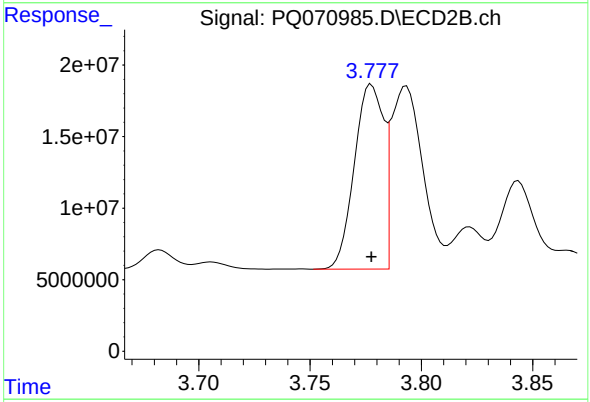
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 535728433
Conc: 96.63 ng/ml



#21 AR-1248-1

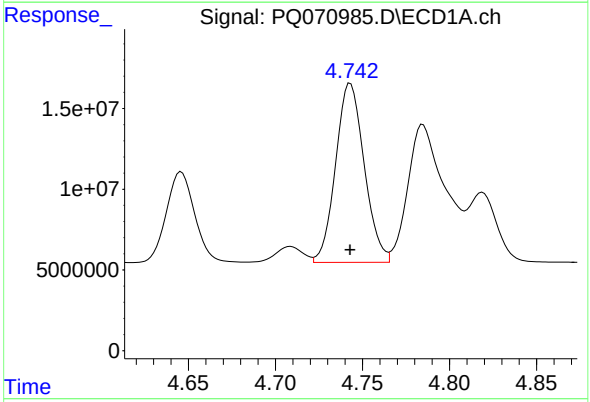
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 89951061
Conc: 950.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



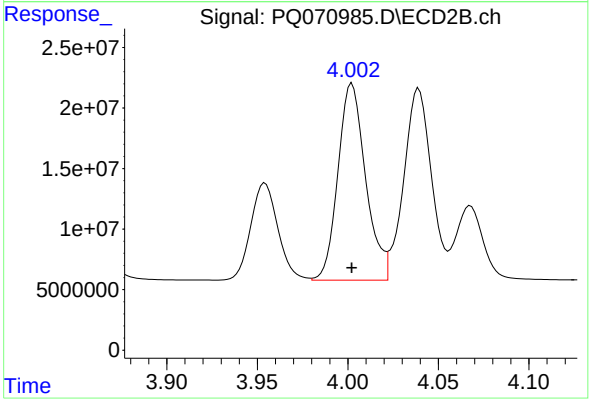
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 118147108
Conc: 962.15 ng/ml



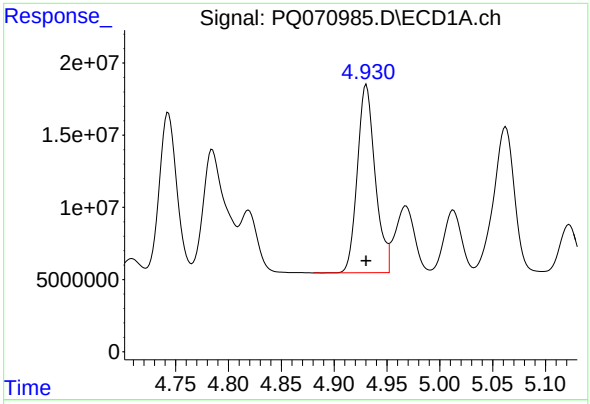
#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 126849870
Conc: 954.65 ng/ml



#22 AR-1248-2

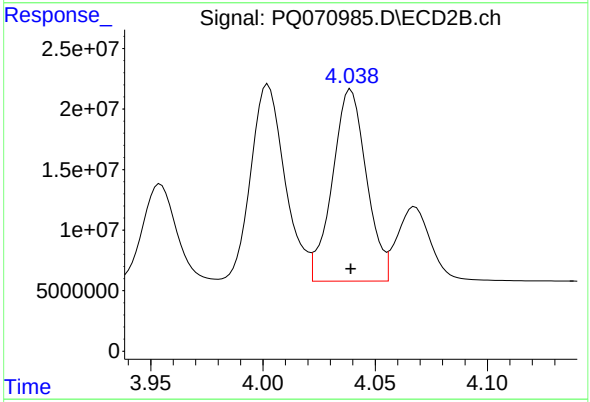
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 172958749
Conc: 954.82 ng/ml



#23 AR-1248-3

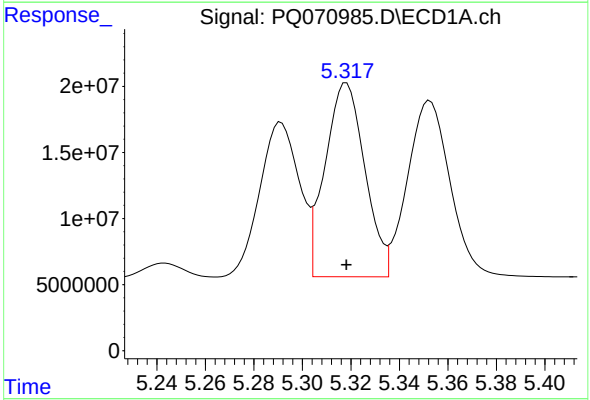
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 152980867
Conc: 958.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



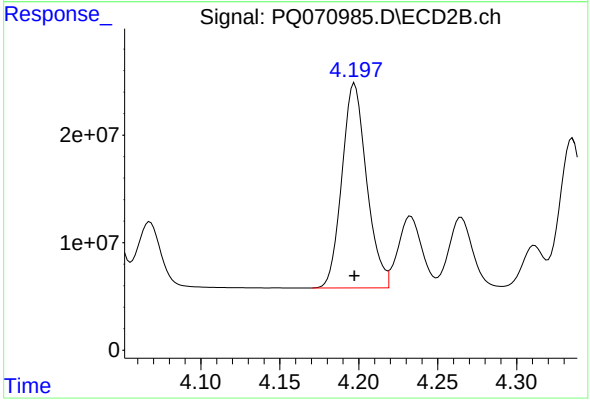
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 167593672
Conc: 969.28 ng/ml



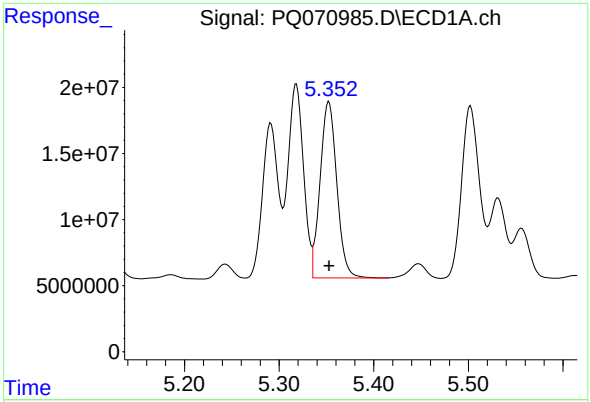
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 167077290
Conc: 954.99 ng/ml



#24 AR-1248-4

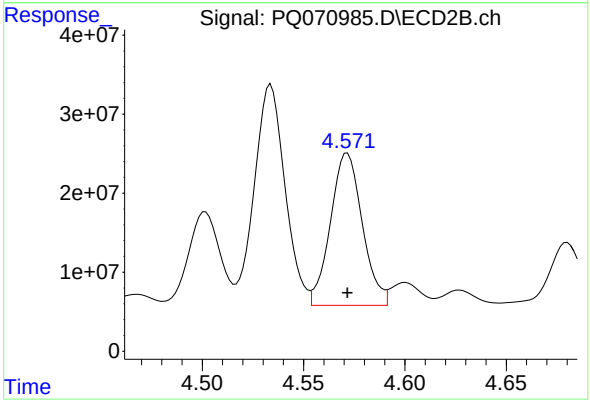
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 207432918
Conc: 947.00 ng/ml



#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)

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

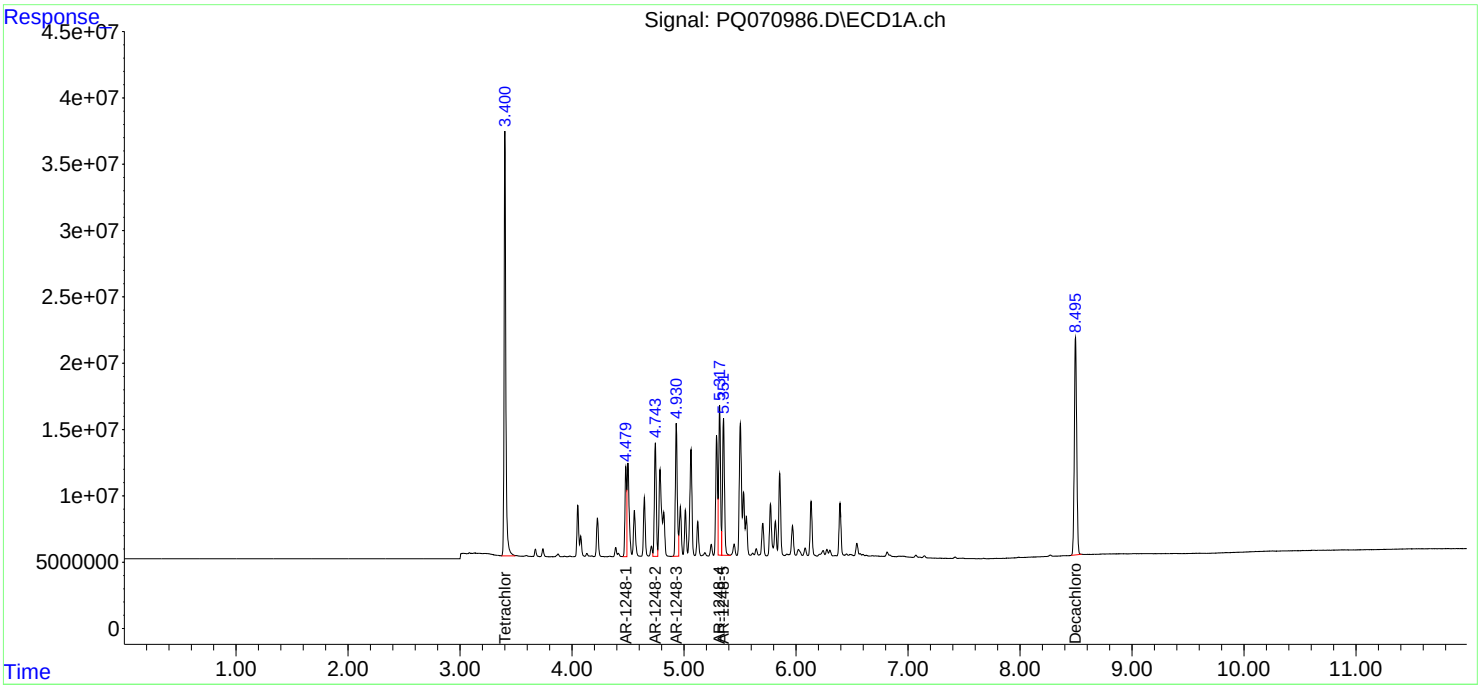
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

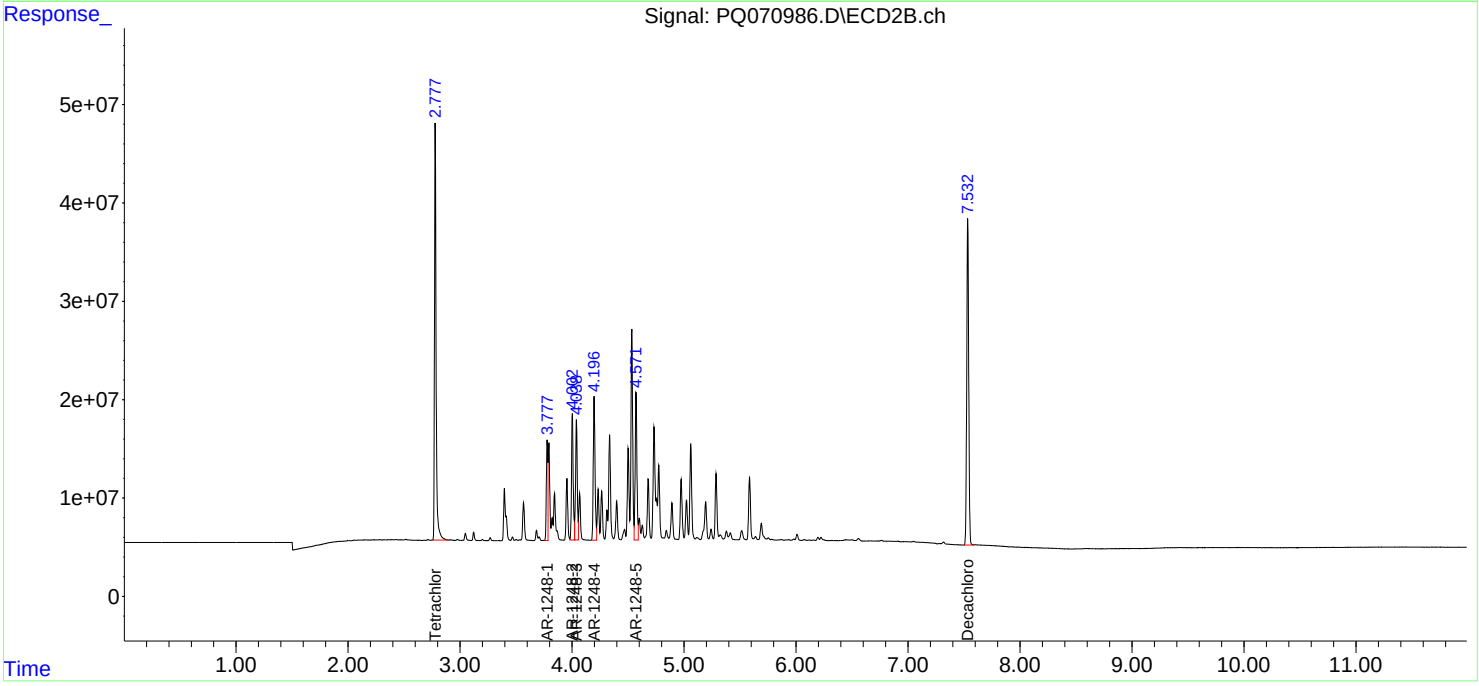
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:06
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

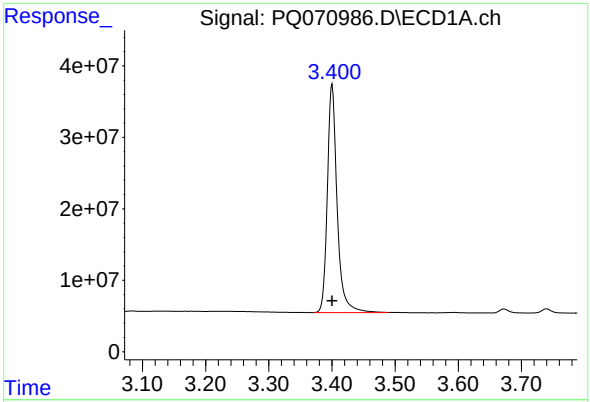
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

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



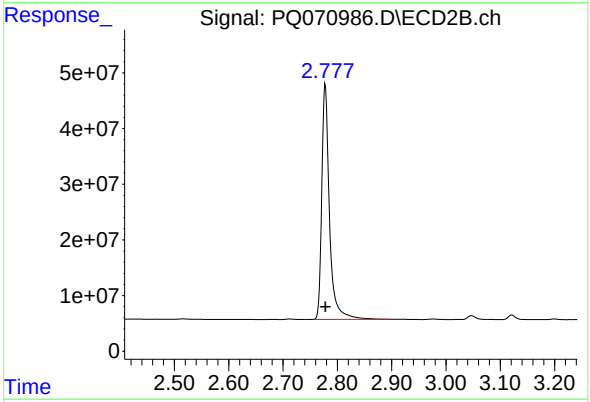




#1 Tetrachloro-m-xylene

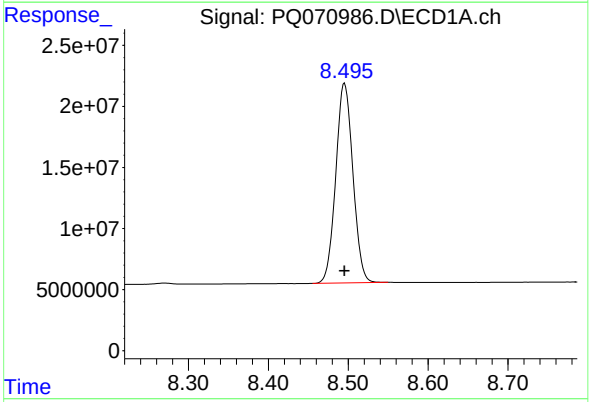
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 344936586
Conc: 74.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



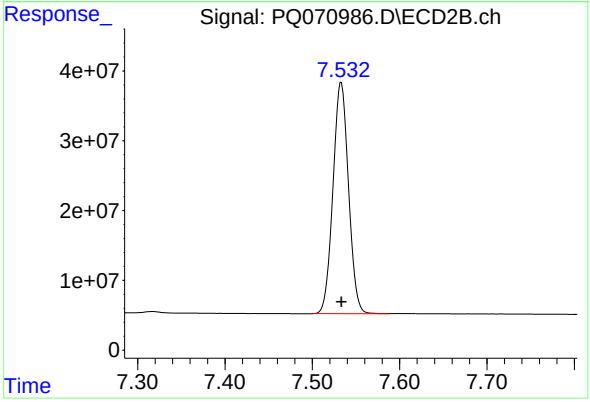
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 417847054
Conc: 74.64 ng/ml



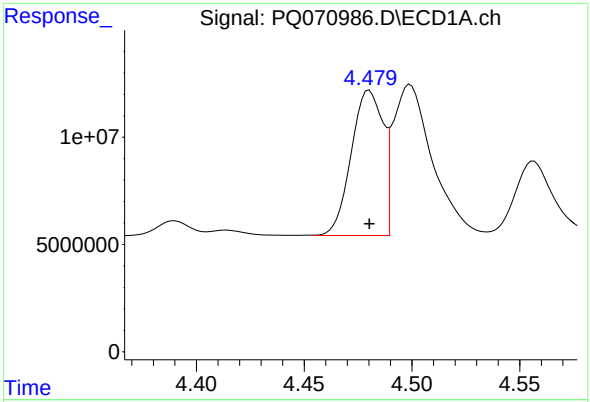
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 243638918
Conc: 74.37 ng/ml



#2 Decachlorobiphenyl

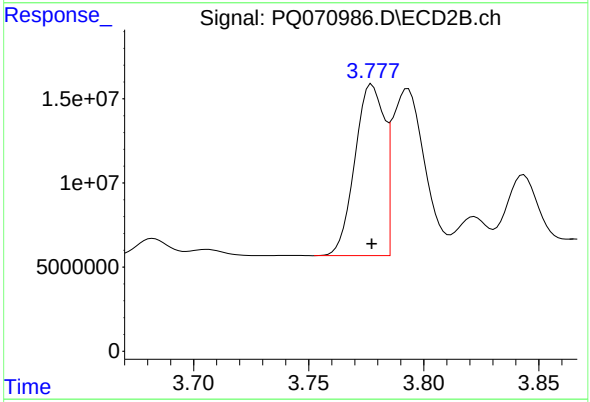
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 409558512
Conc: 74.25 ng/ml



#21 AR-1248-1

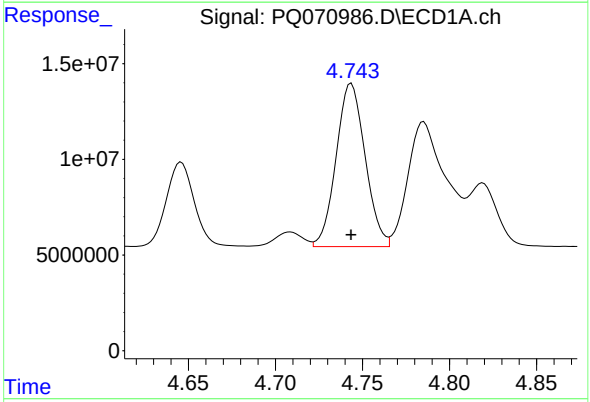
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 69602185
Conc: 740.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



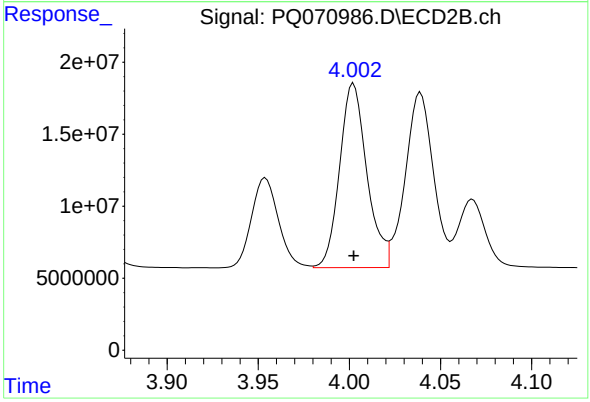
#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 90481437
Conc: 741.18 ng/ml



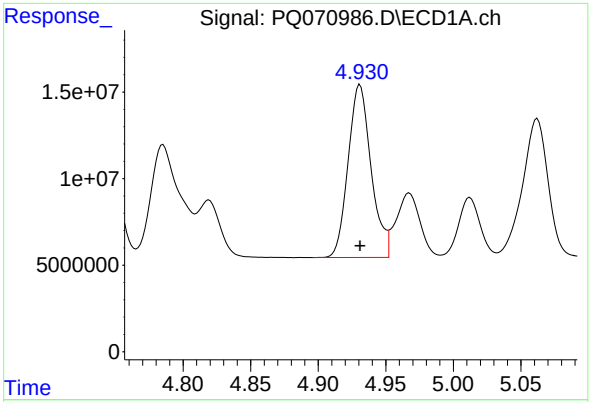
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 98823740
Conc: 745.81 ng/ml



#22 AR-1248-2

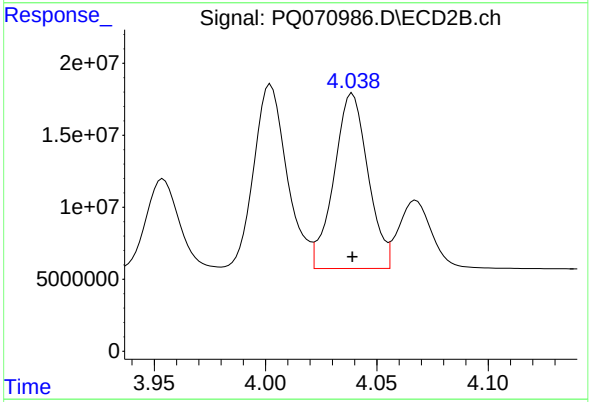
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 133279046
Conc: 740.45 ng/ml



#23 AR-1248-3

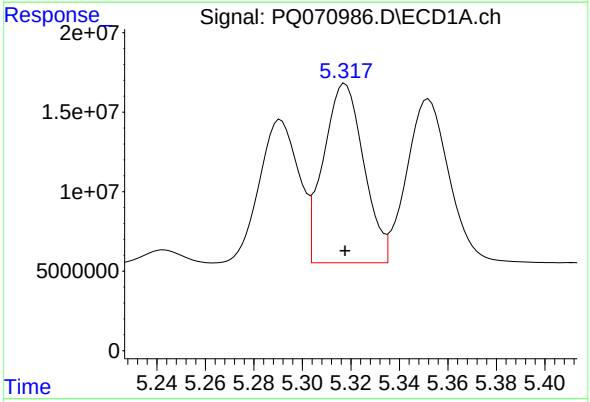
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 118158493
Conc: 743.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



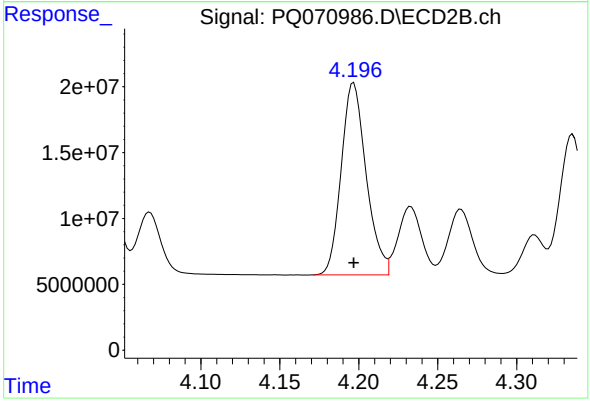
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 129701077
Conc: 750.09 ng/ml



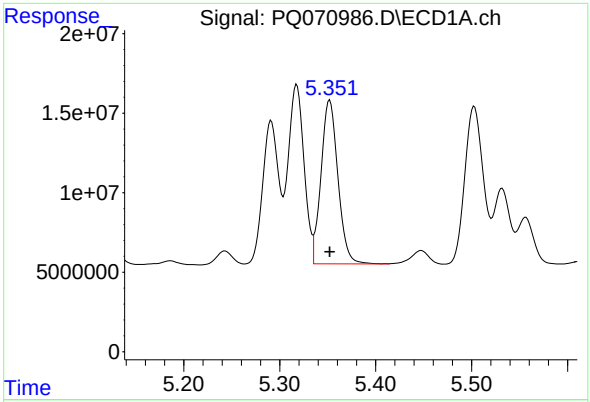
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 129844545
Conc: 744.76 ng/ml



#24 AR-1248-4

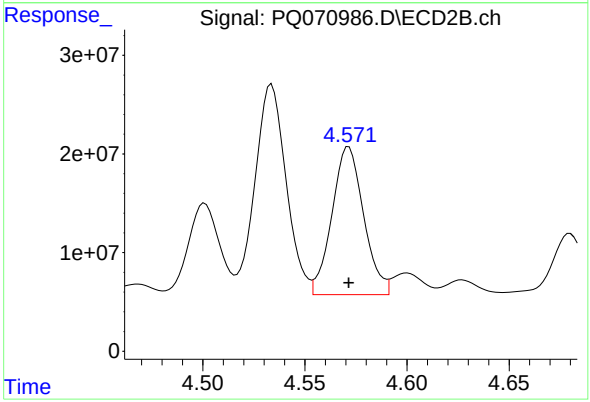
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 160643613
Conc: 738.85 ng/ml



#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)

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

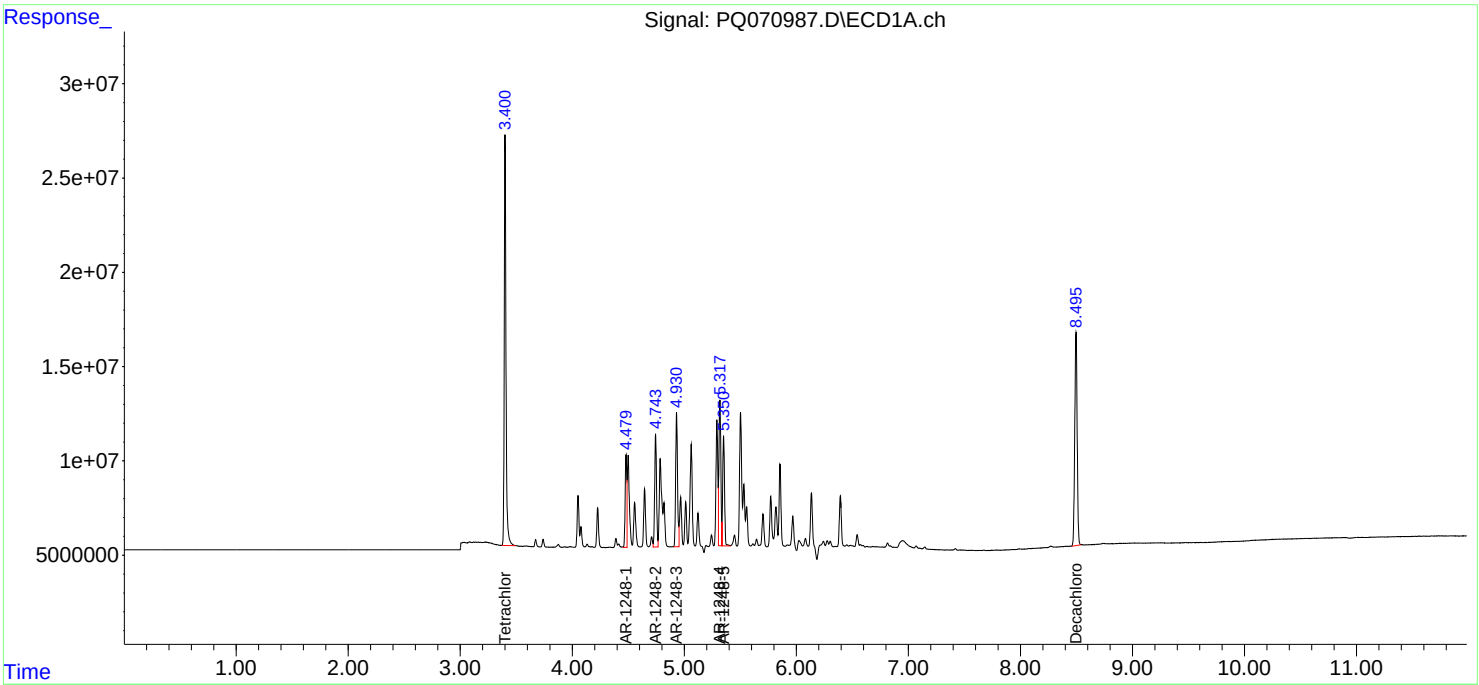
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

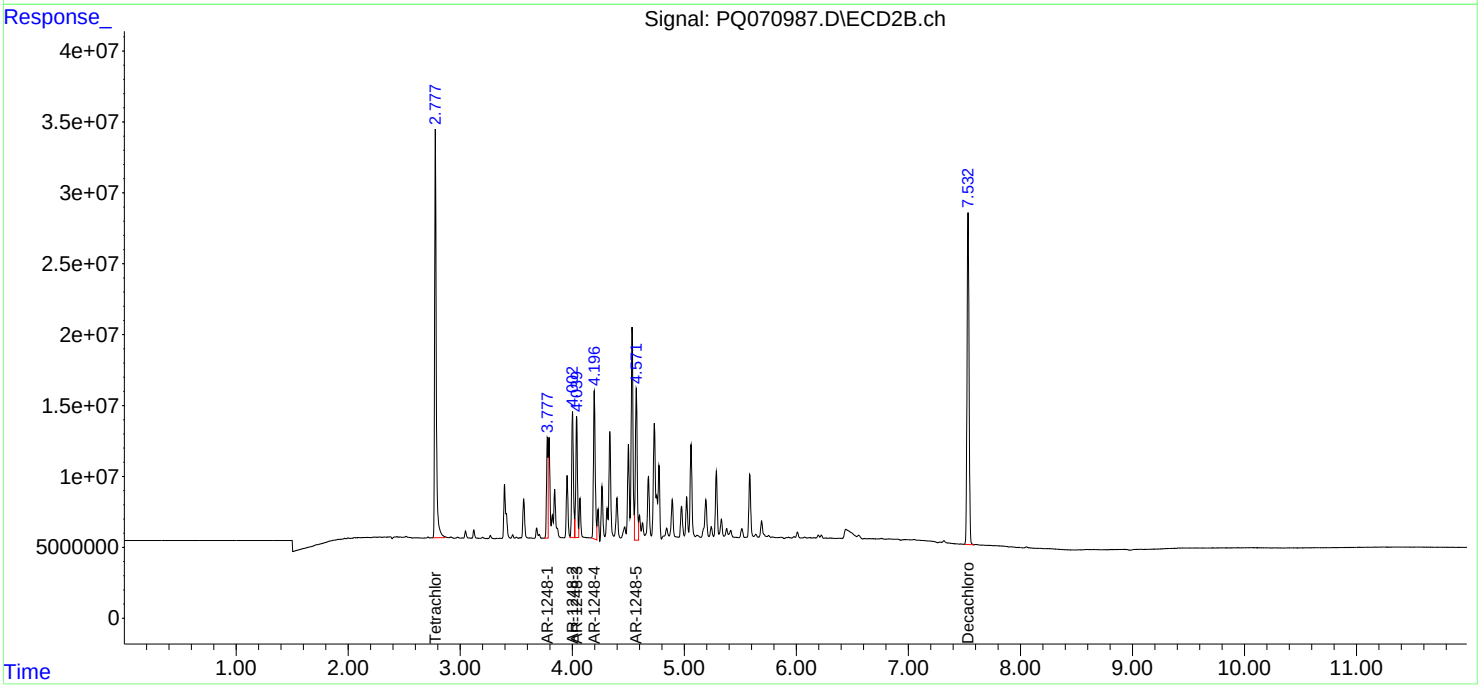
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:20
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

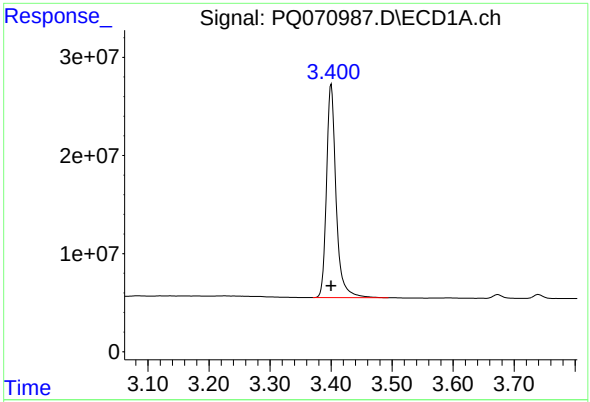
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

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



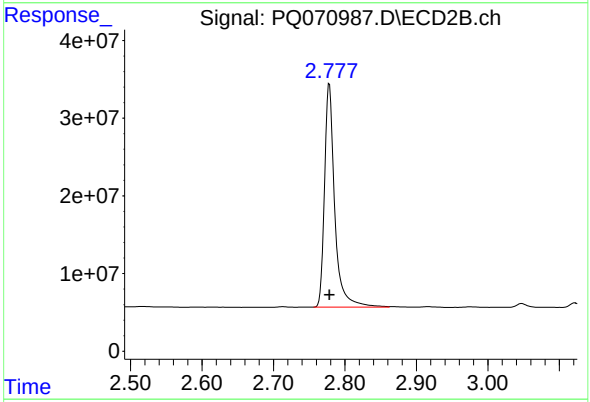




#1 Tetrachloro-m-xylene

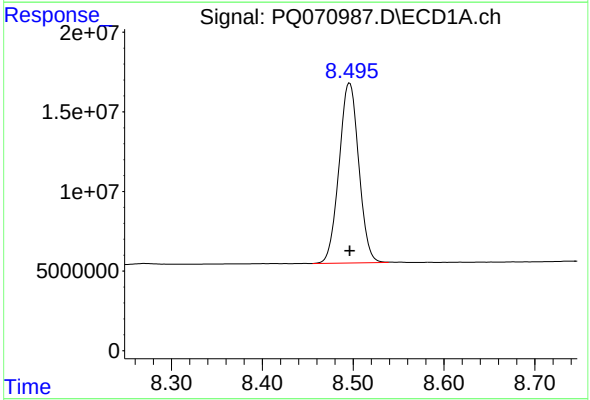
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 236970659
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



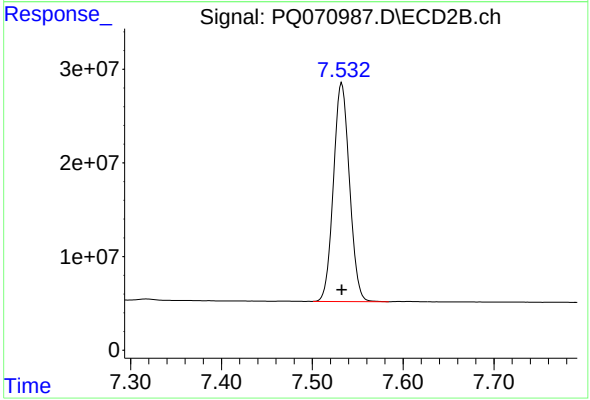
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286146810
Conc: 50.00 ng/ml



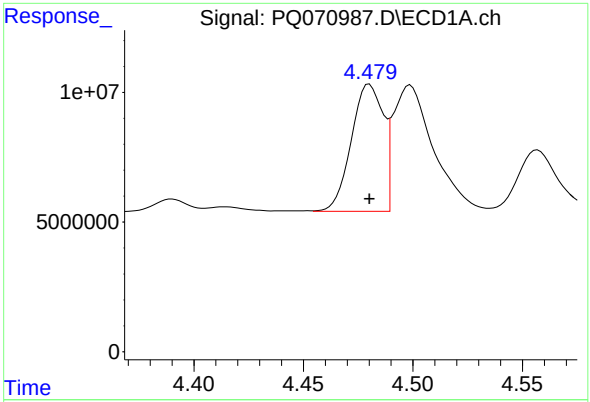
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 170138327
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

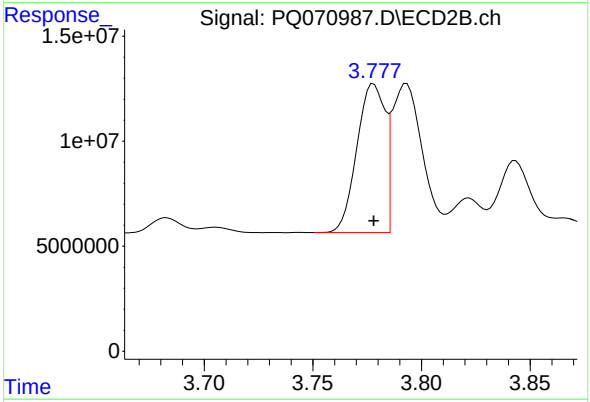
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 286540483
Conc: 50.00 ng/ml



#21 AR-1248-1

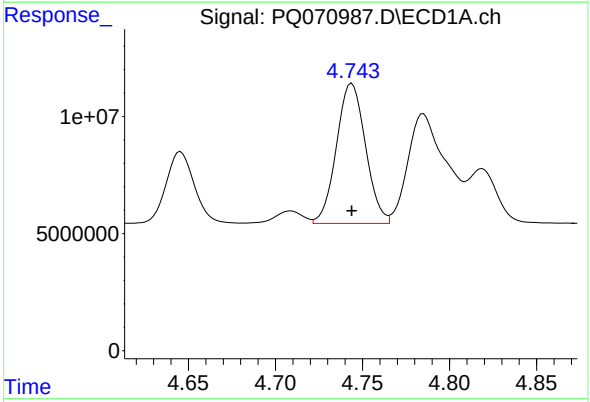
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 49639121
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



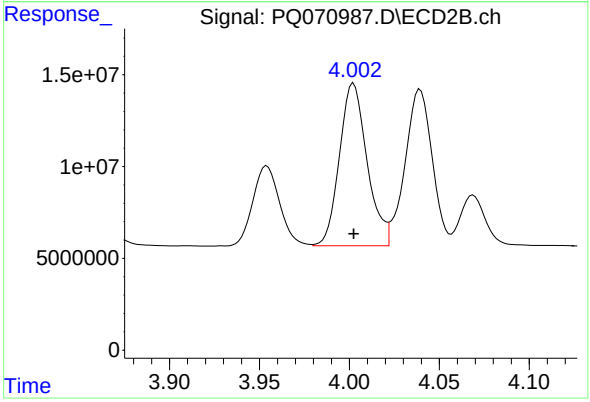
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 63721566
Conc: 500.00 ng/ml



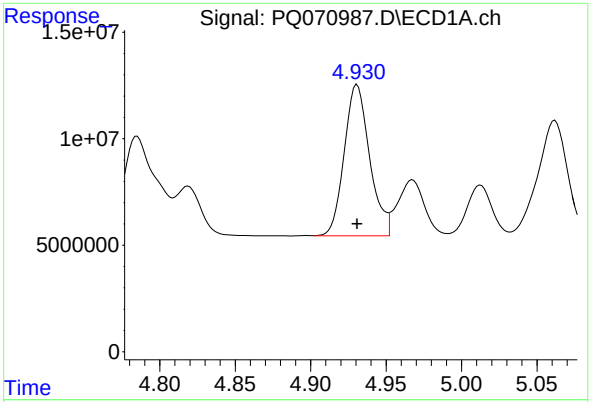
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 69450264
Conc: 500.00 ng/ml



#22 AR-1248-2

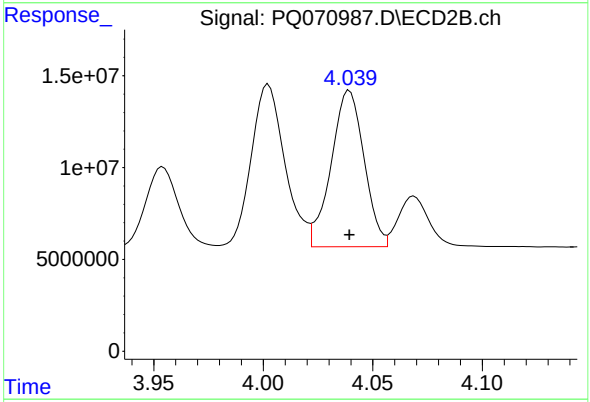
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 94662929
Conc: 500.00 ng/ml



#23 AR-1248-3

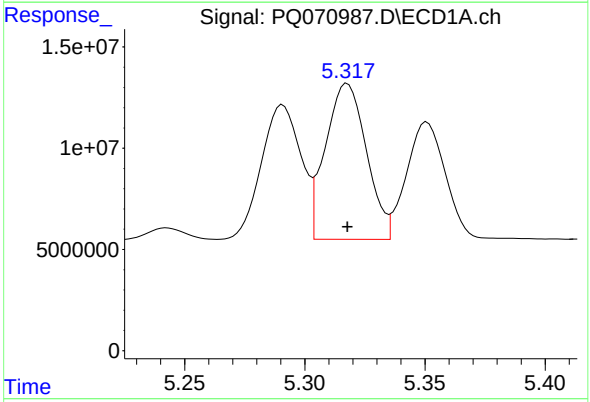
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 83073425
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



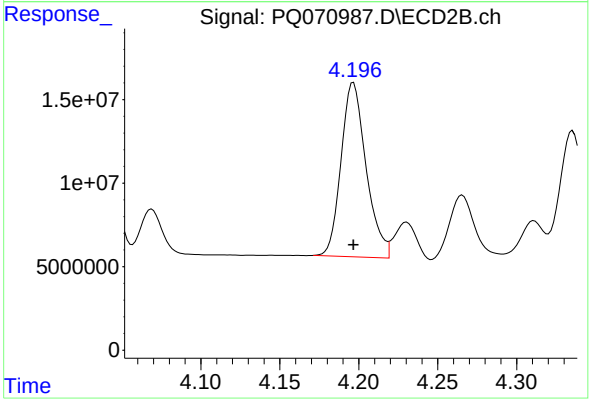
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 89108340
Conc: 500.00 ng/ml



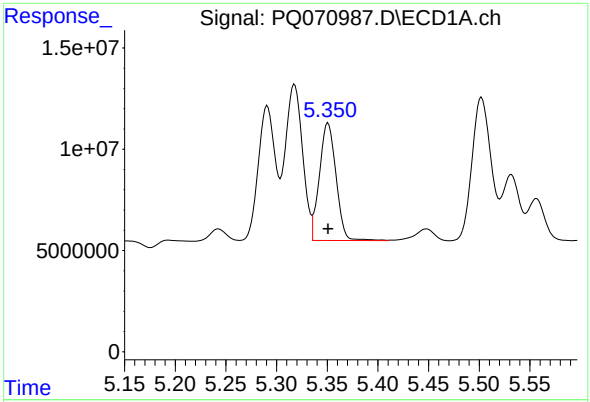
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 91413720
Conc: 500.00 ng/ml



#24 AR-1248-4

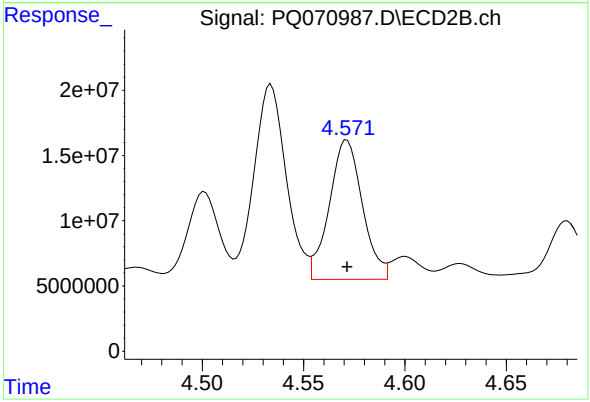
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 115324829
Conc: 500.00 ng/ml



#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)

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.

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

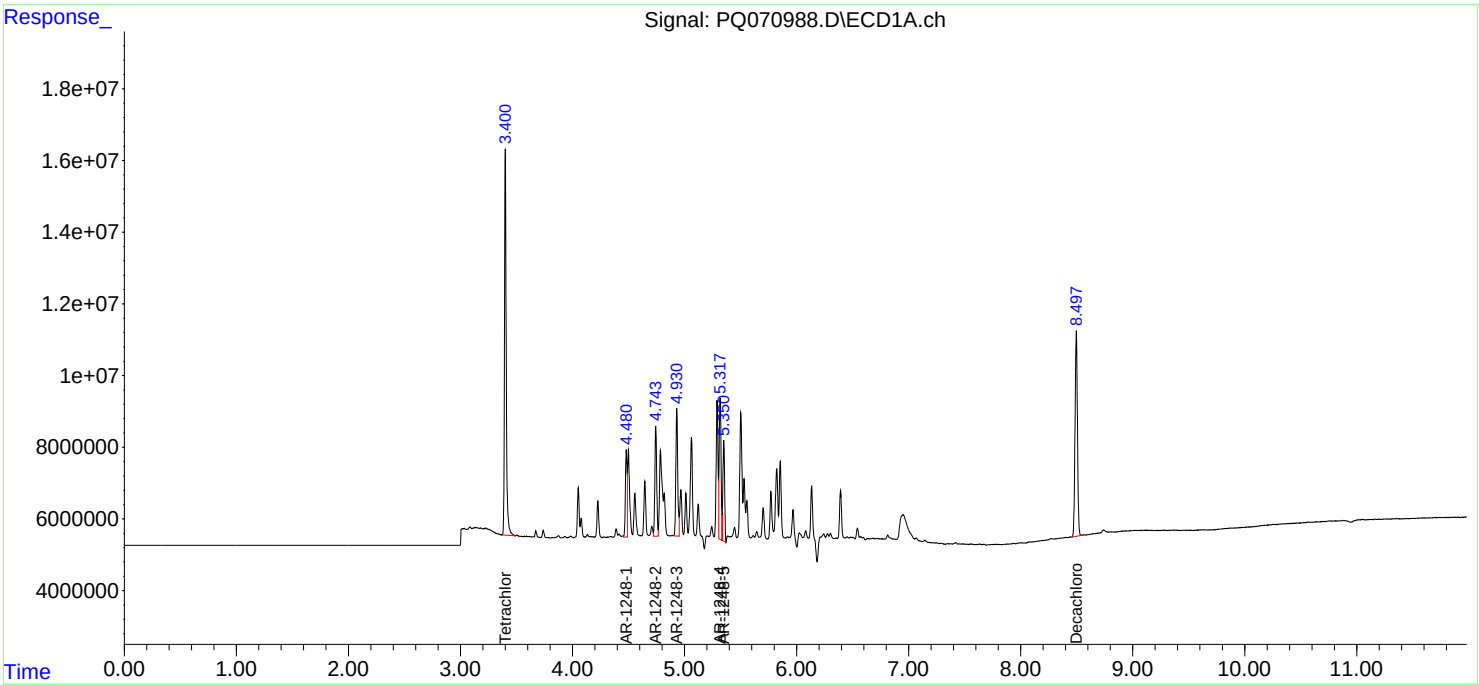
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

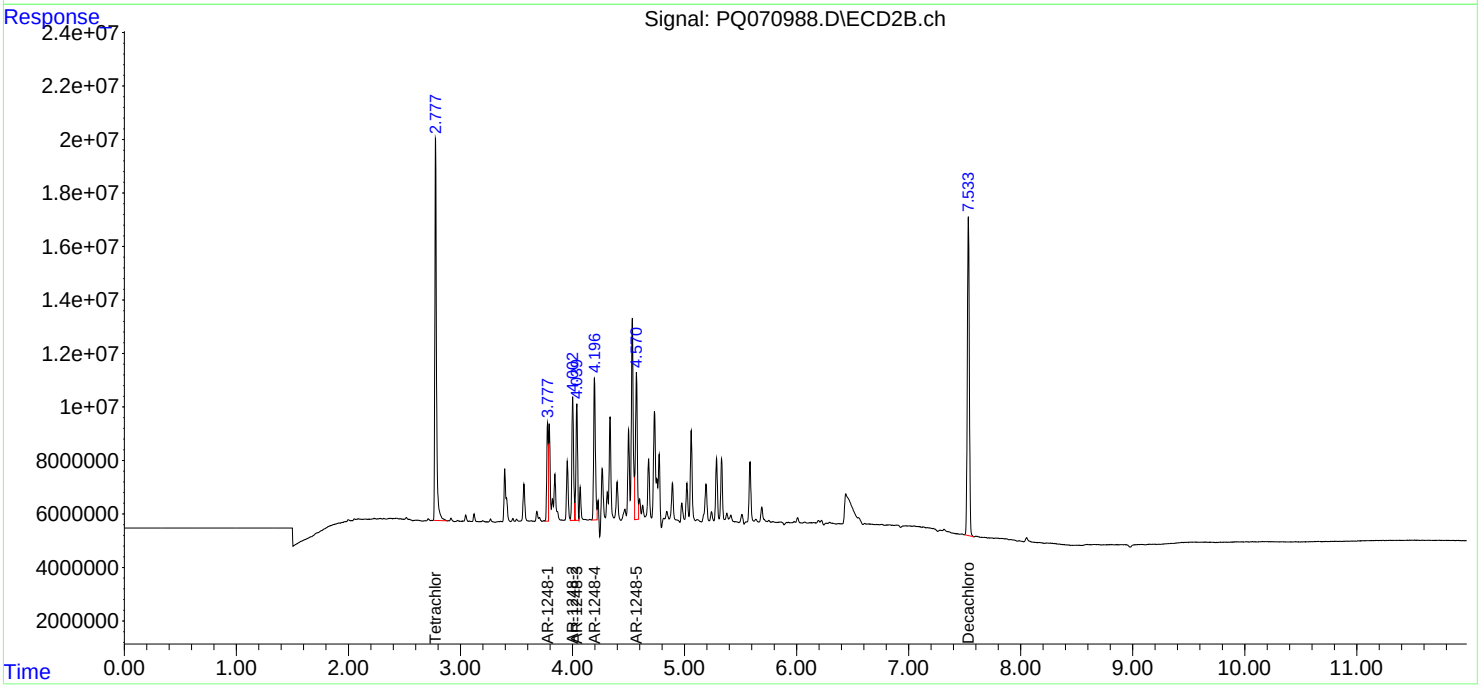
Manual Integrations APPROVED

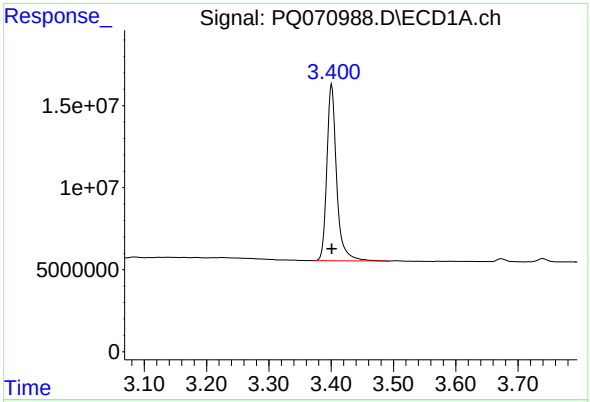
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

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







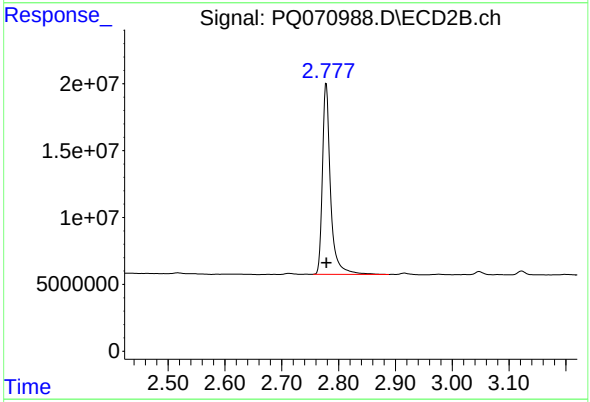
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 117145709
Conc: 25.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

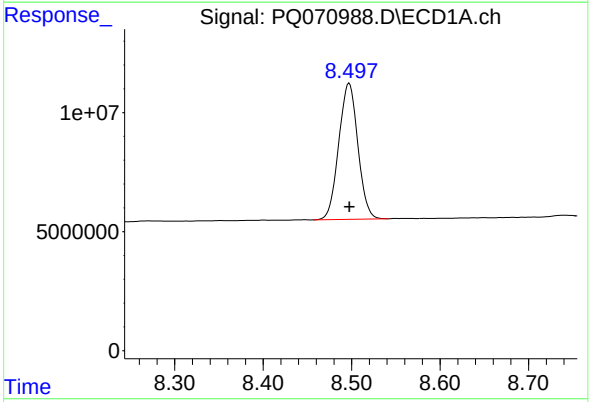
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



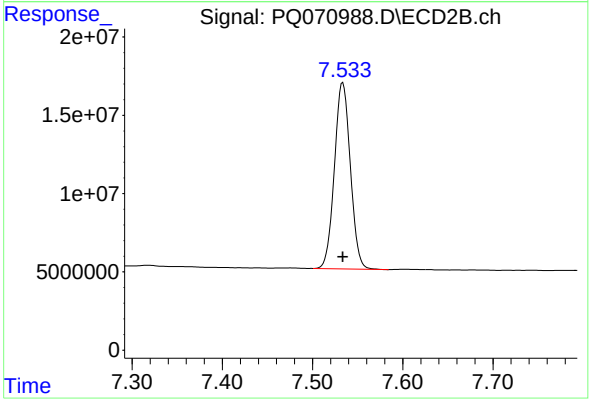
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 141612310
Conc: 25.22 ng/ml



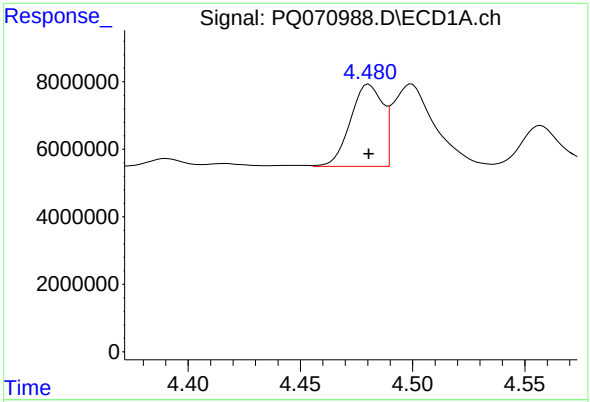
#2 Decachlorobiphenyl

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



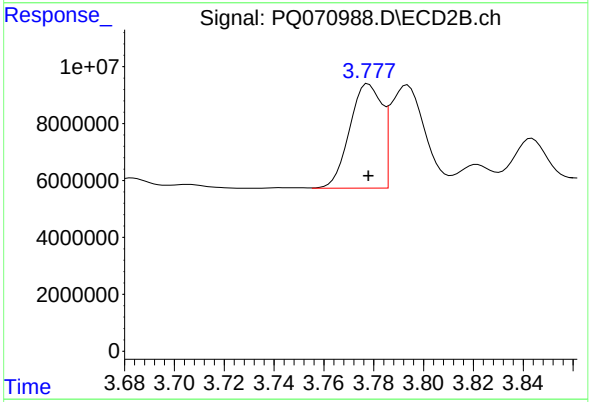
#21 AR-1248-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 24349976
Conc: 256.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

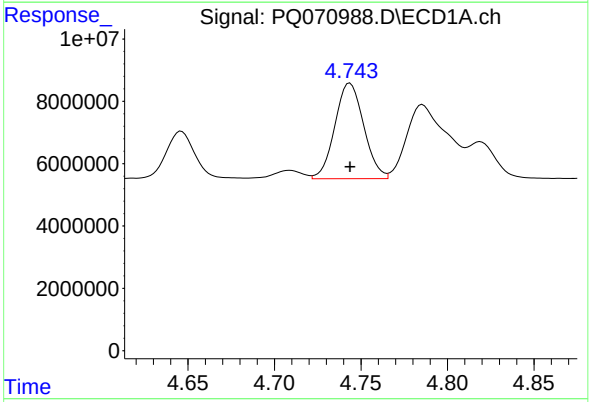
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



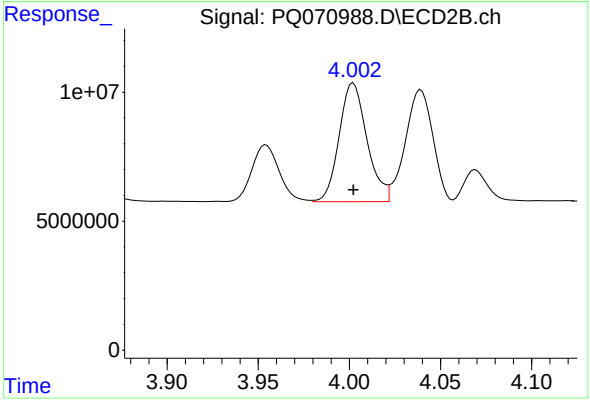
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 33050222
Conc: 265.23 ng/ml



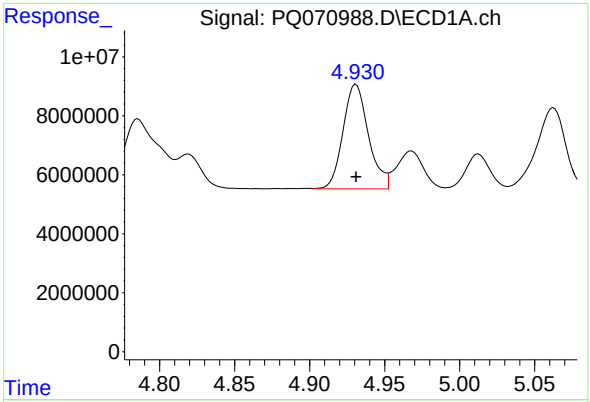
#22 AR-1248-2

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



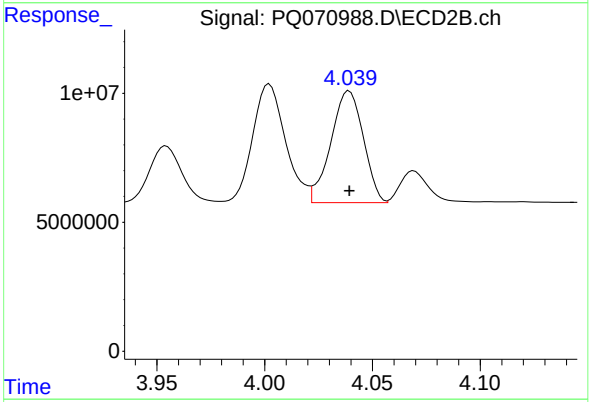
#23 AR-1248-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 41870274
Conc: 260.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

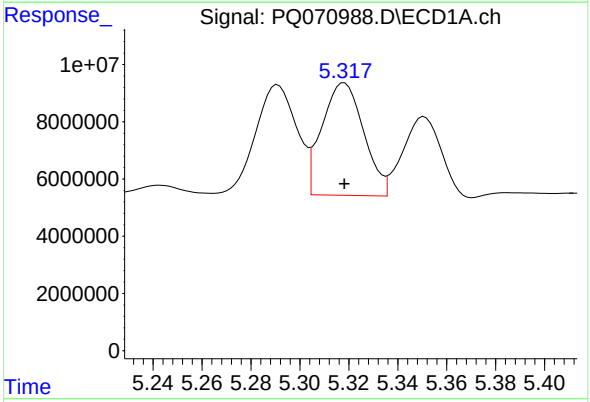
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



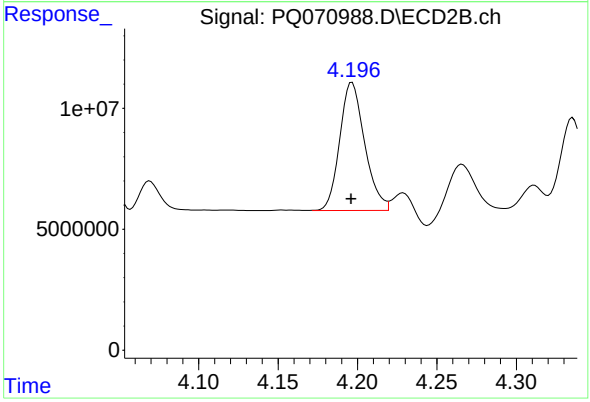
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 45515698
Conc: 259.79 ng/ml



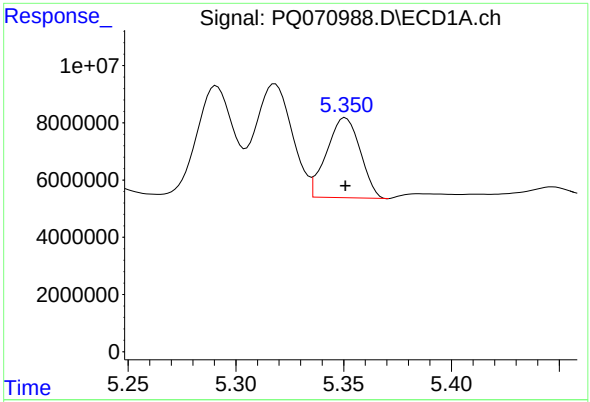
#24 AR-1248-4

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



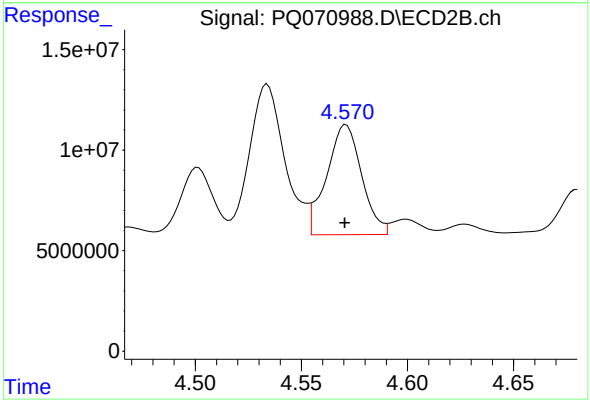
#25 AR-1248-5

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)

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

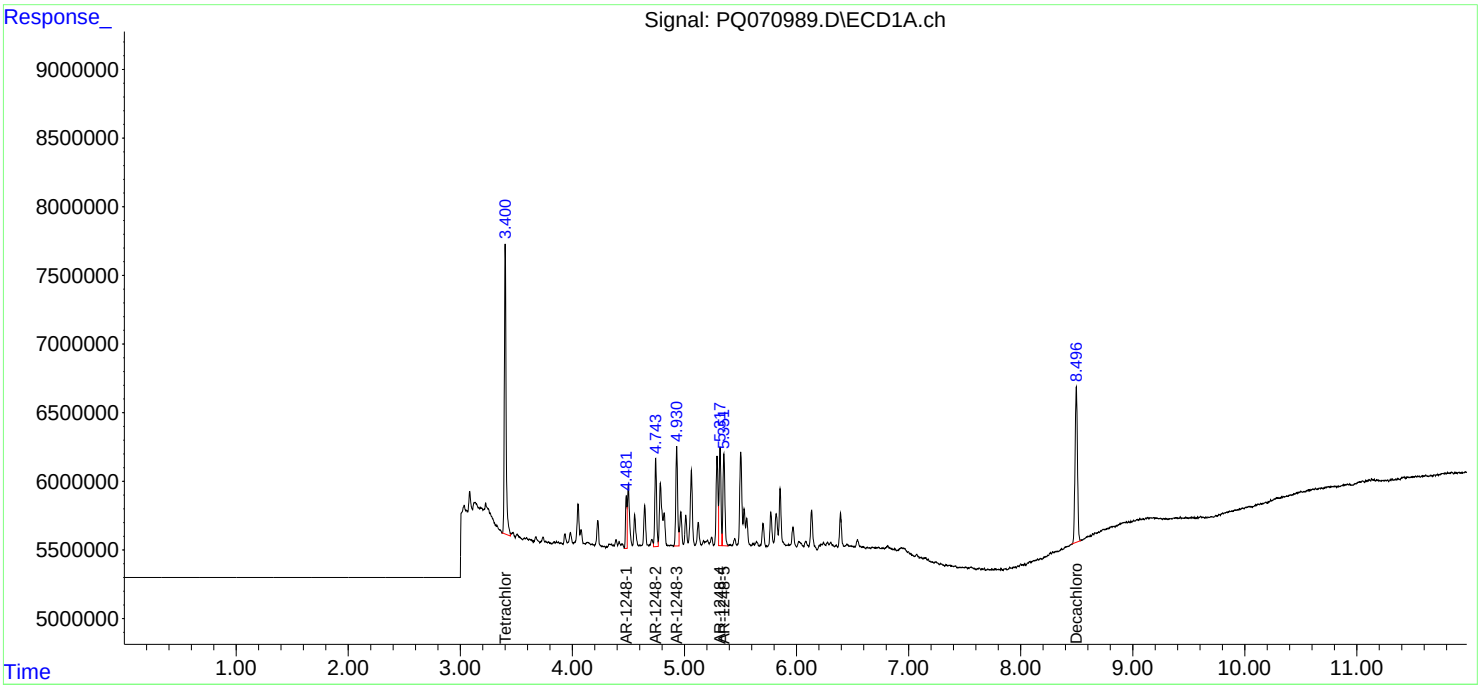
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

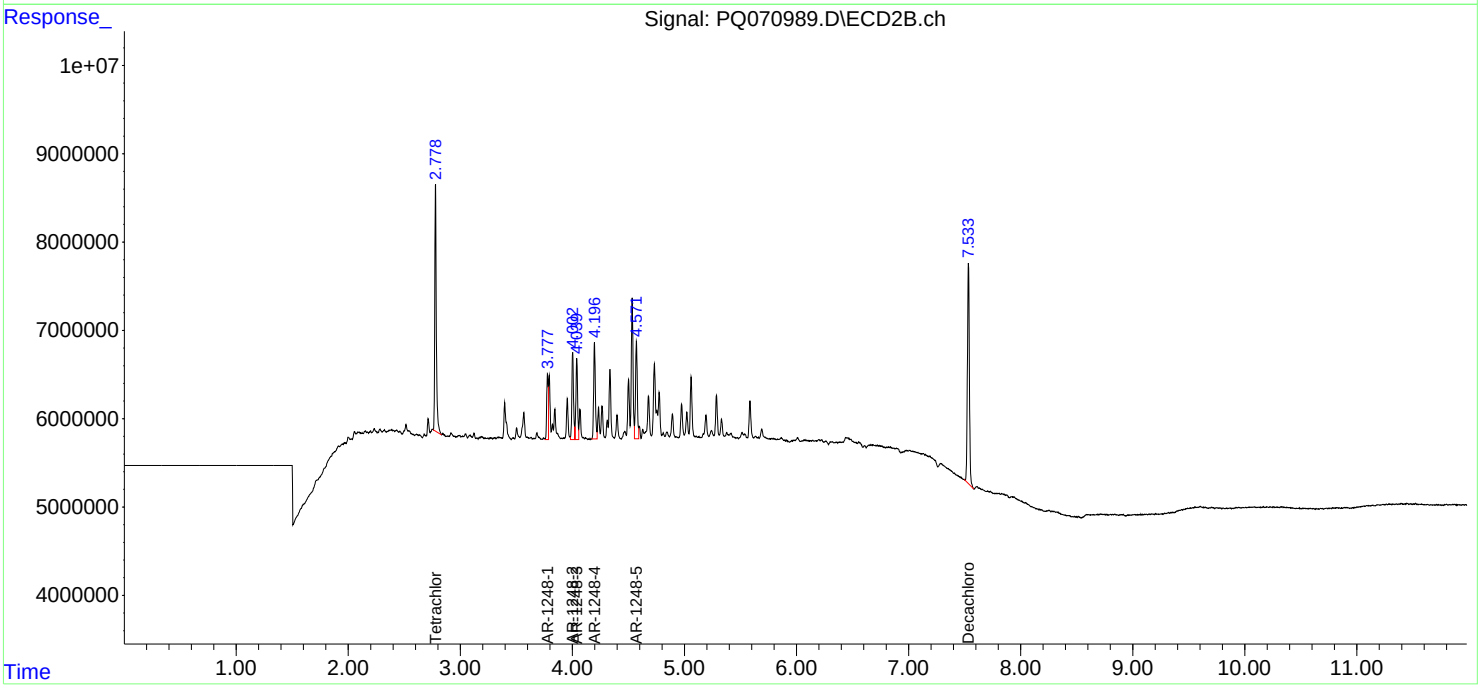
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

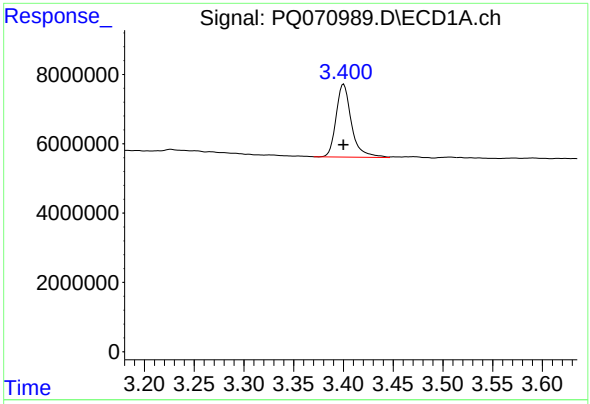
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050

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



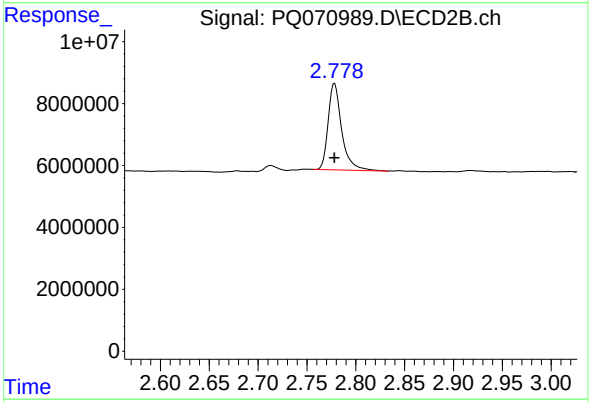




#1 Tetrachloro-m-xylene

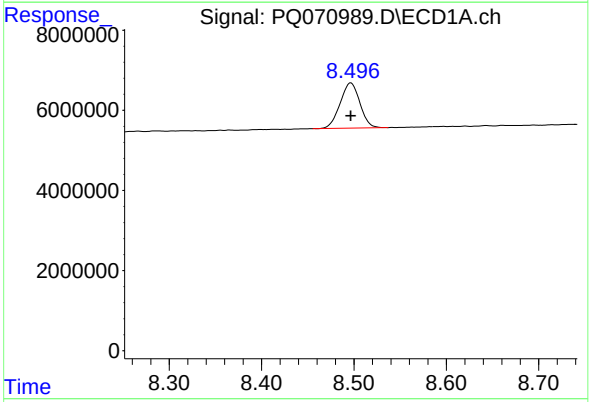
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 22591108
Conc: 4.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



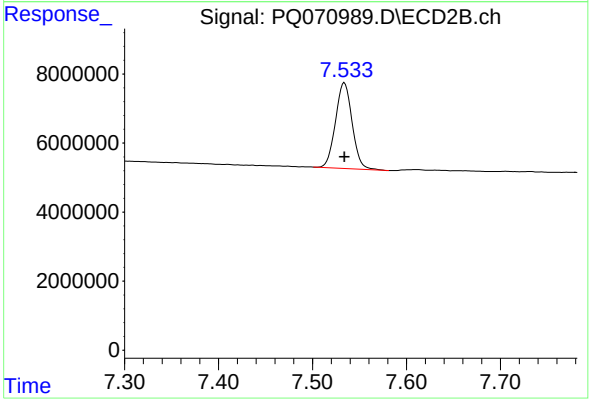
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 27044968
Conc: 4.85 ng/ml



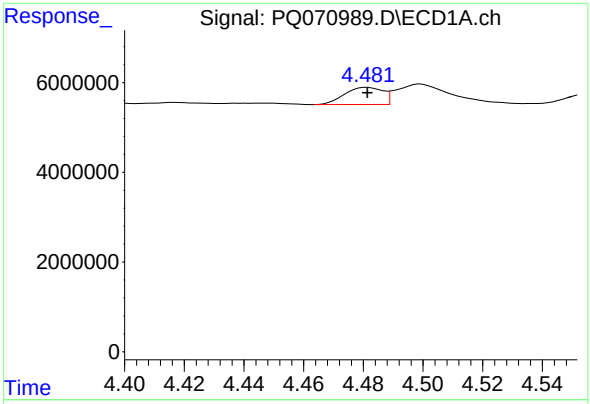
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 16769582
Conc: 5.05 ng/ml



#2 Decachlorobiphenyl

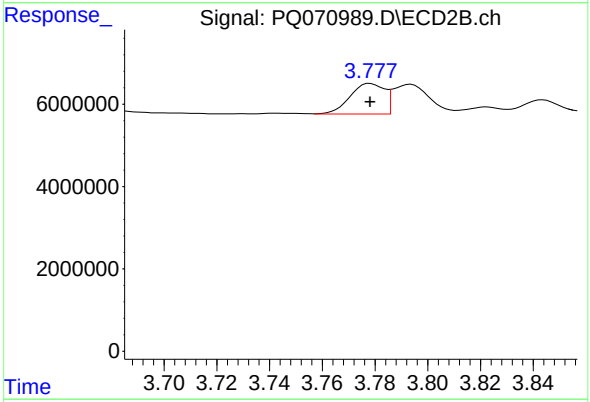
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 30654485
Conc: 5.37 ng/ml



#21 AR-1248-1

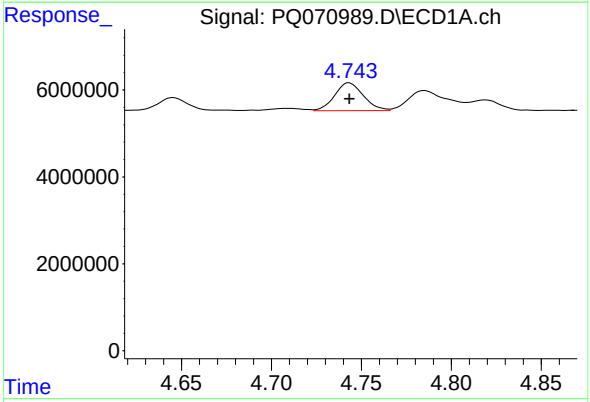
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 3394569
Conc: 37.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



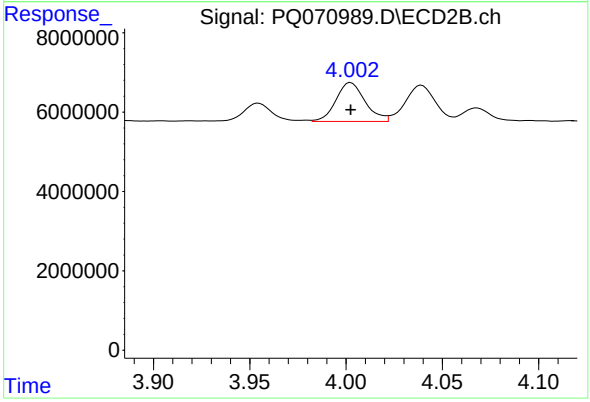
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 6701586
Conc: 52.98 ng/ml



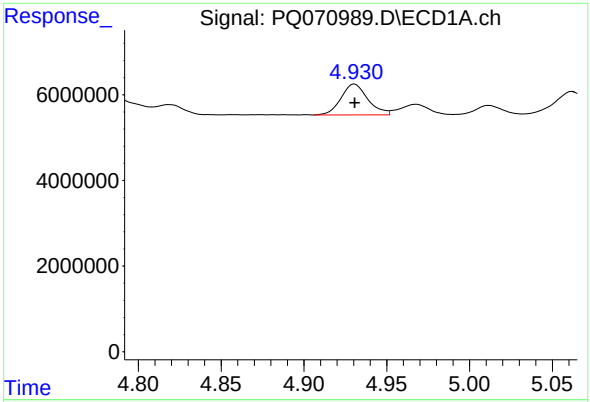
#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 7123103
Conc: 52.20 ng/ml



#22 AR-1248-2

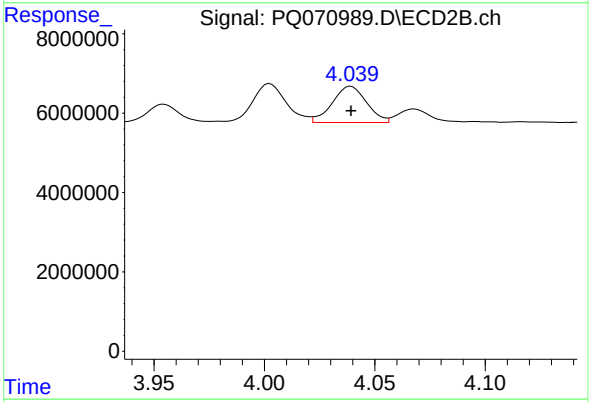
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 10336252
Conc: 54.82 ng/ml



#23 AR-1248-3

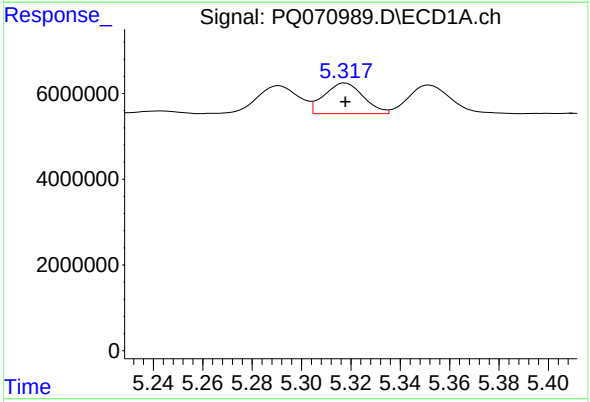
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 8138224
Conc: 50.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



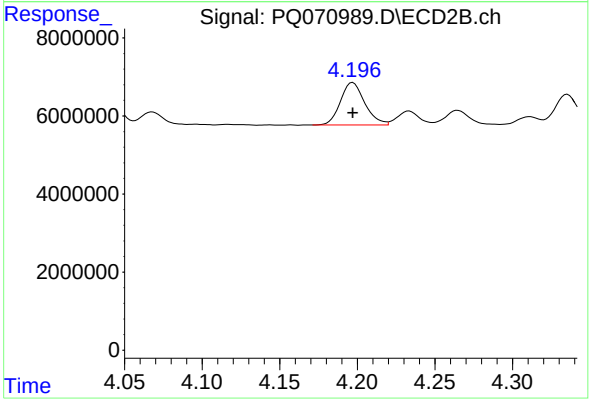
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 9873376
Conc: 54.96 ng/ml



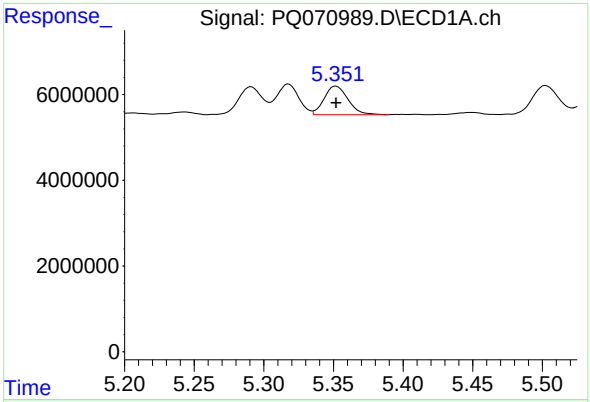
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 7886075
Conc: 45.45 ng/ml



#24 AR-1248-4

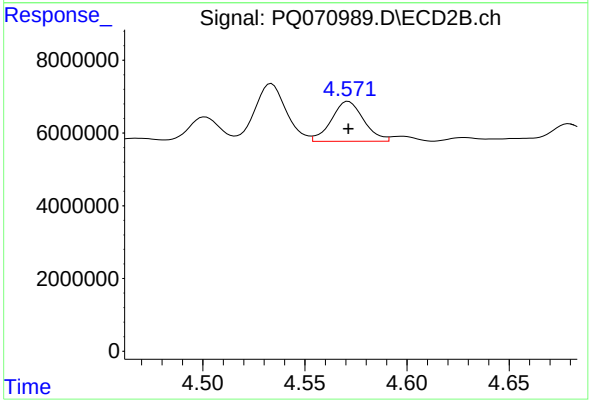
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 11863237
Conc: 52.88 ng/ml



#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)

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

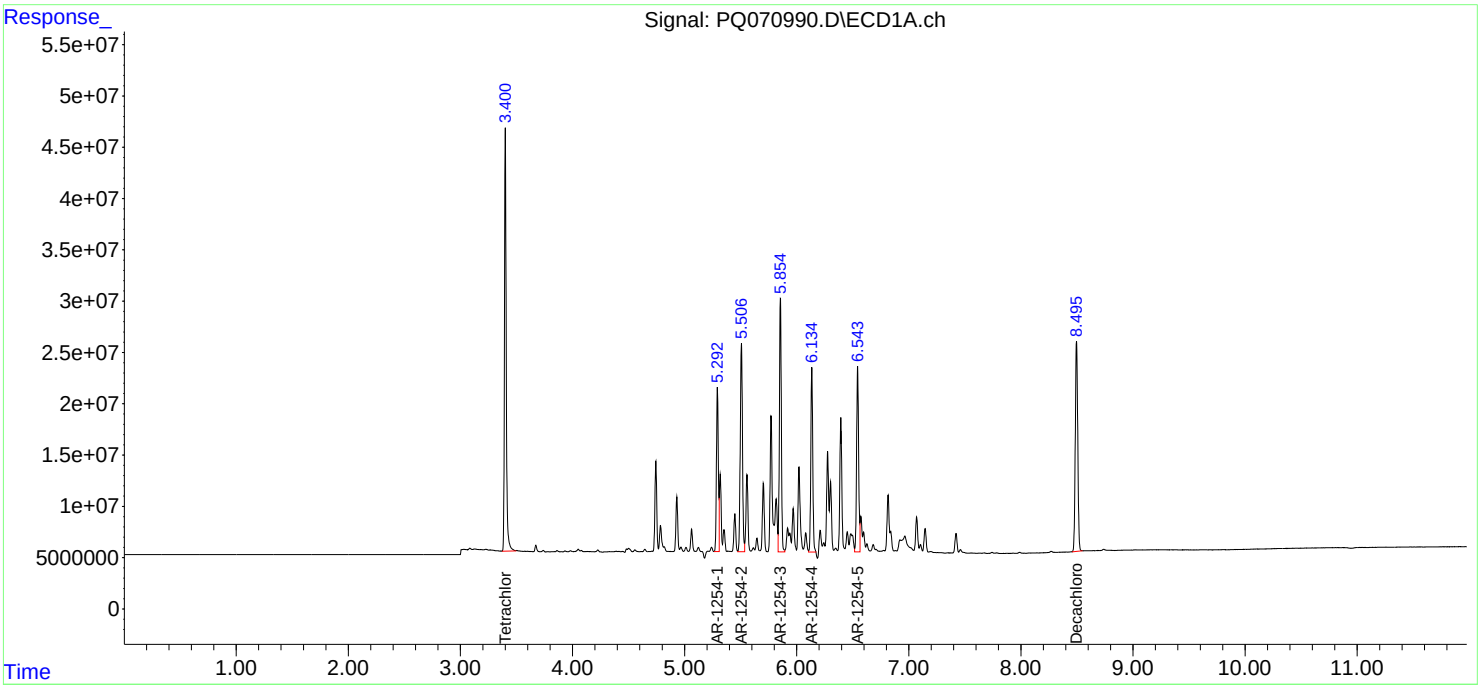
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

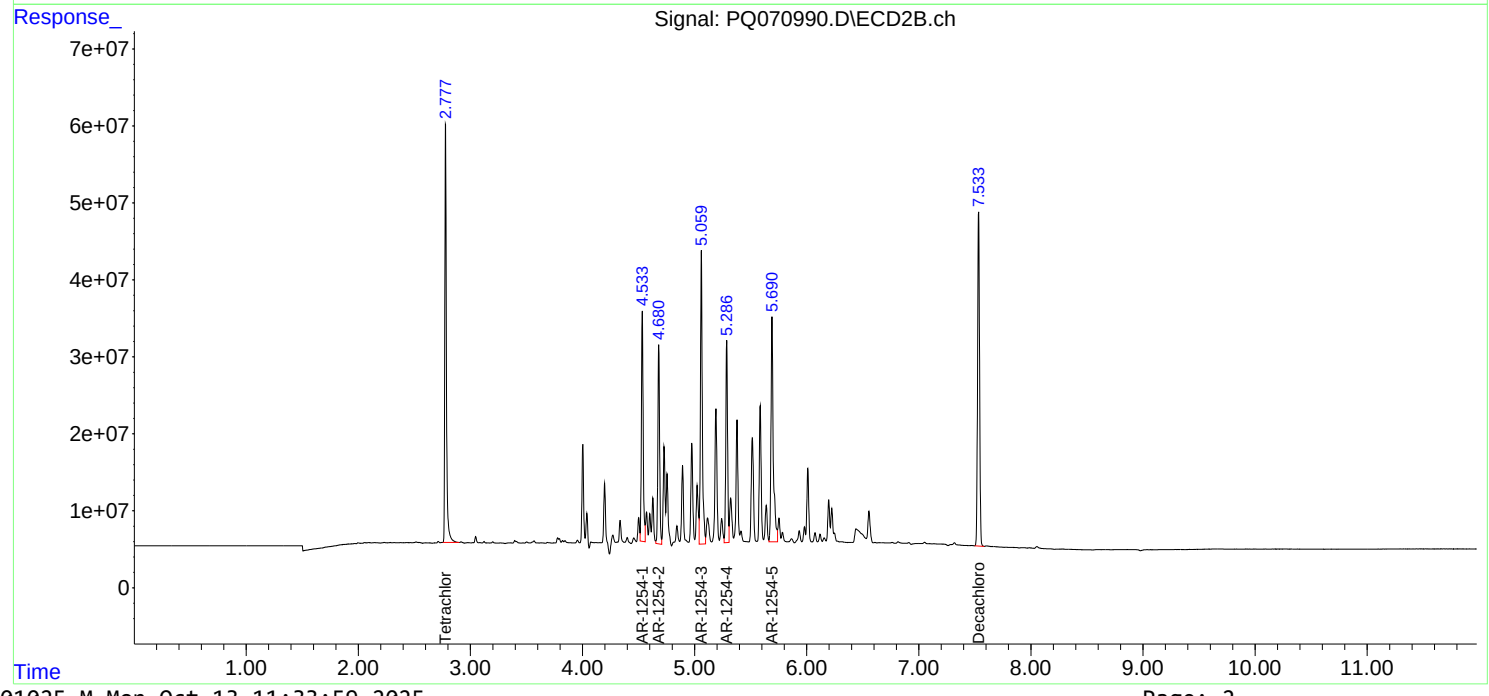
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:04
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

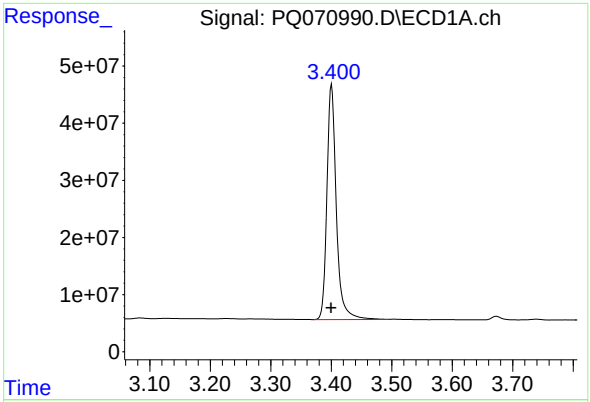
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000

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



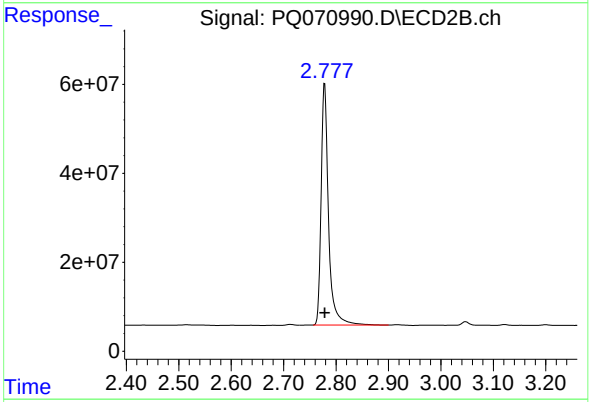




#1 Tetrachloro-m-xylene

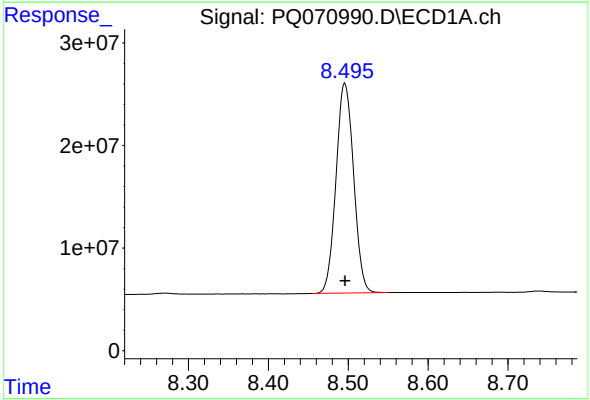
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 444955148
Conc: 98.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



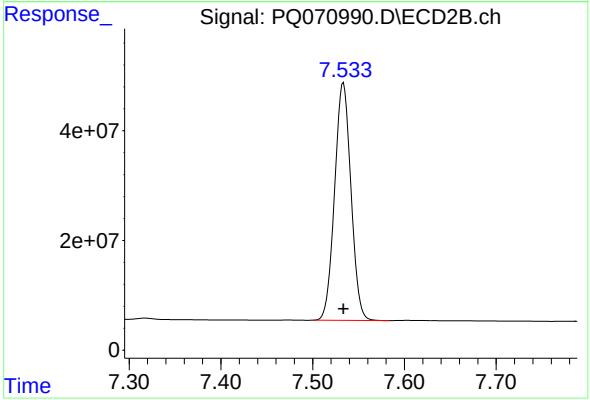
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 531185695
Conc: 98.40 ng/ml



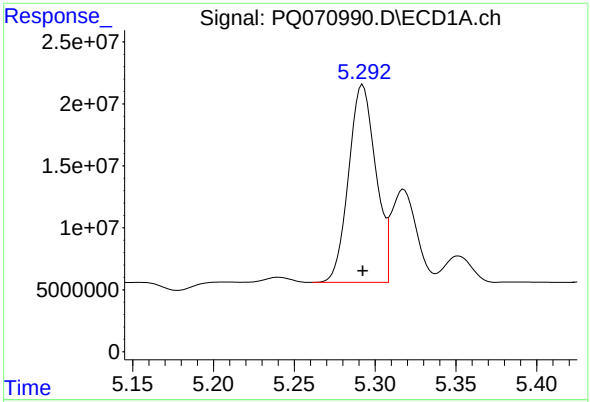
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 313599352
Conc: 97.45 ng/ml



#2 Decachlorobiphenyl

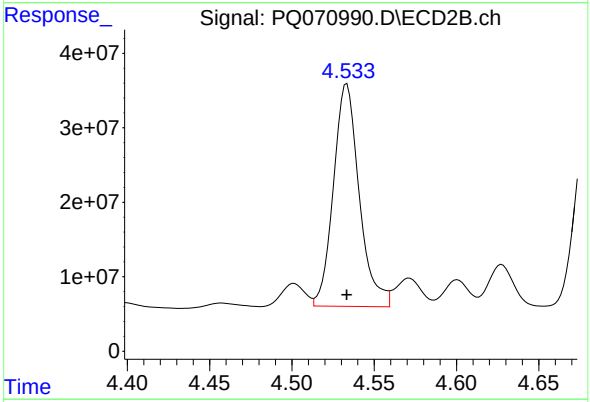
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 536076382
Conc: 96.79 ng/ml



#26 AR-1254-1

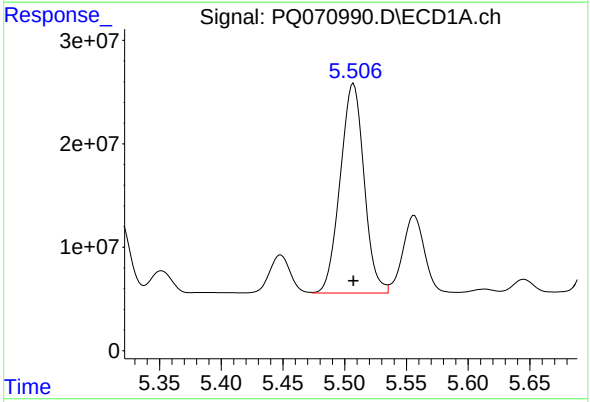
R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 186317660
Conc: 963.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



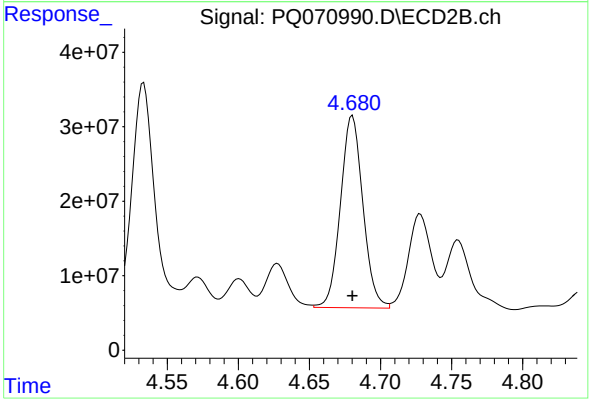
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 326099704
Conc: 971.11 ng/ml



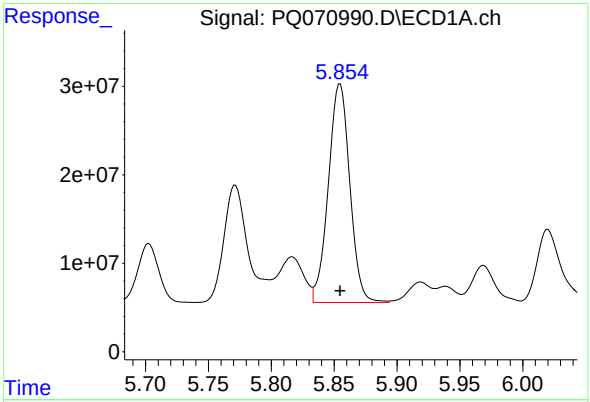
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 272465681
Conc: 950.97 ng/ml



#27 AR-1254-2

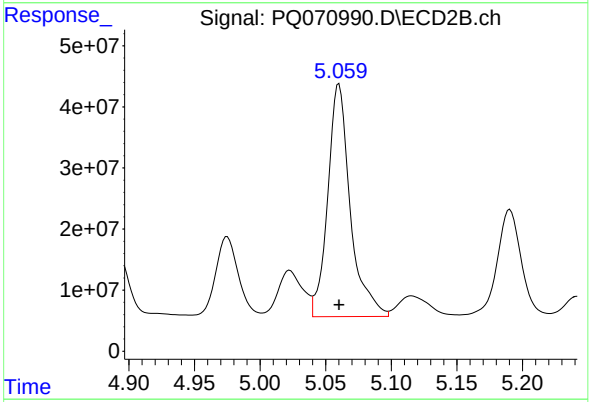
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 283781194
Conc: 964.21 ng/ml



#28 AR-1254-3

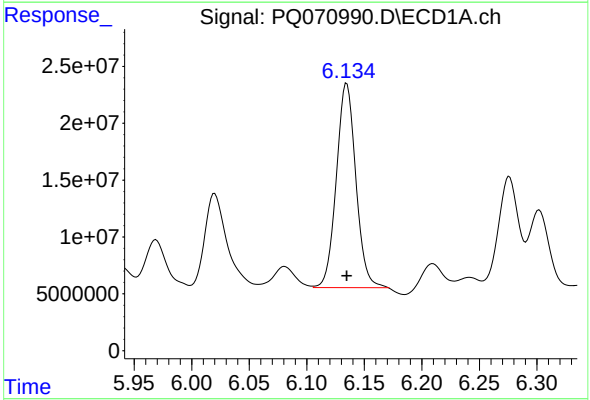
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 294493285
Conc: 960.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



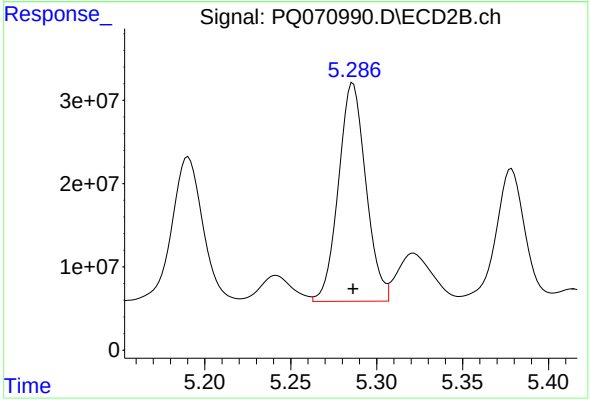
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 455841488
Conc: 969.39 ng/ml



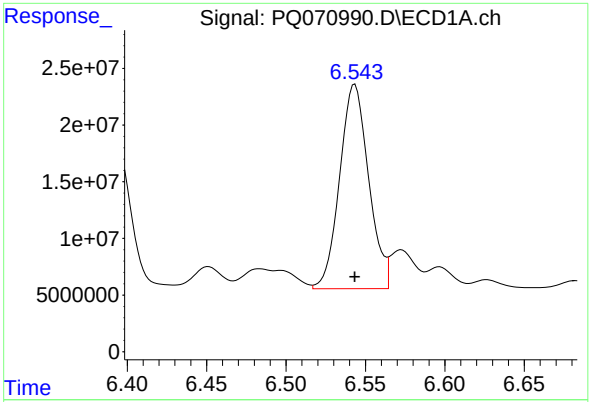
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 212636724
Conc: 961.21 ng/ml



#29 AR-1254-4

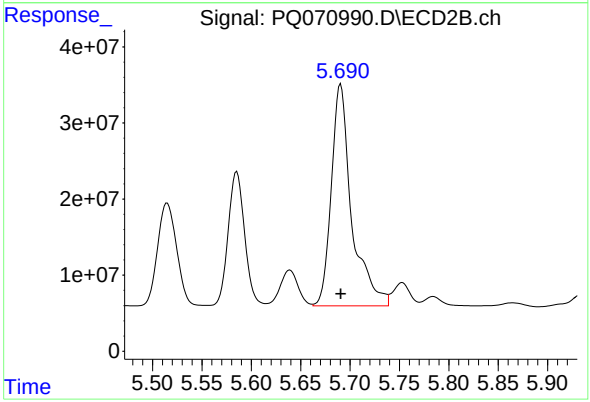
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 291449906
Conc: 971.45 ng/ml



#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)

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

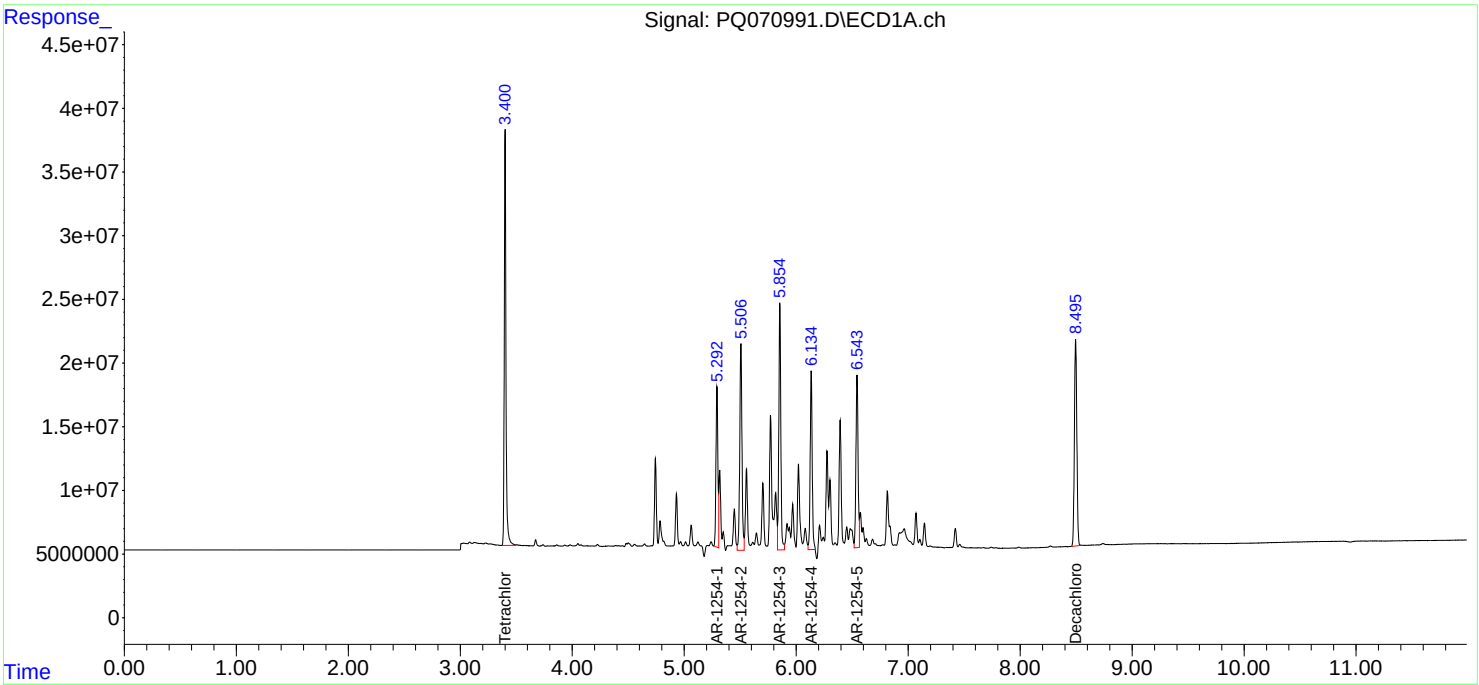
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

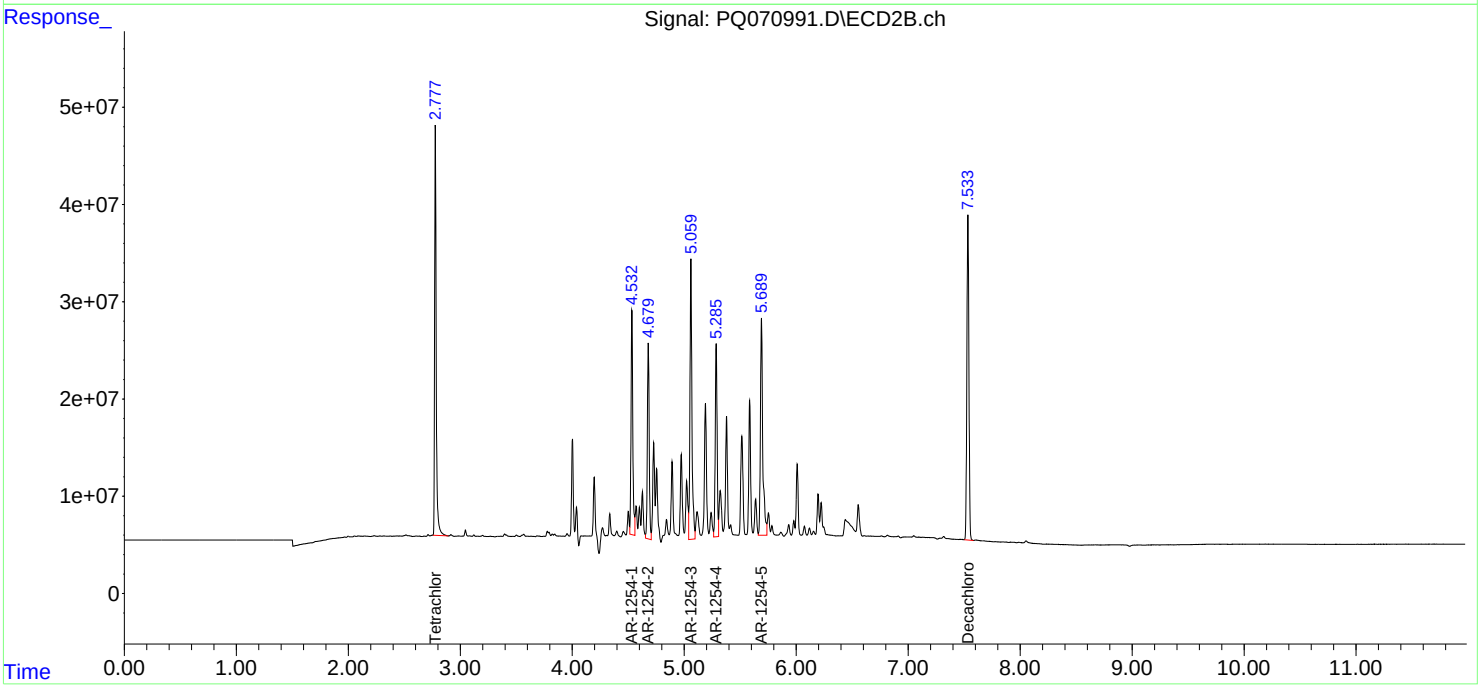
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:19
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

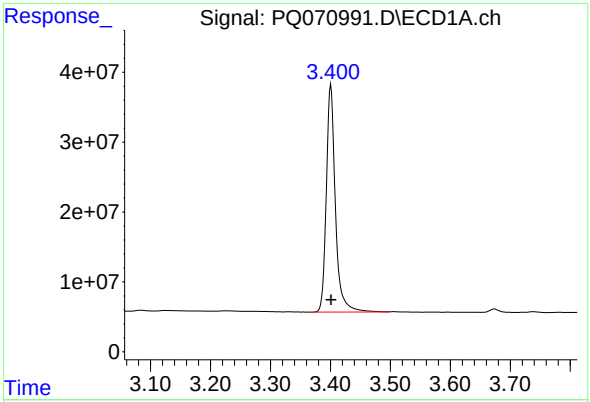
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750

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



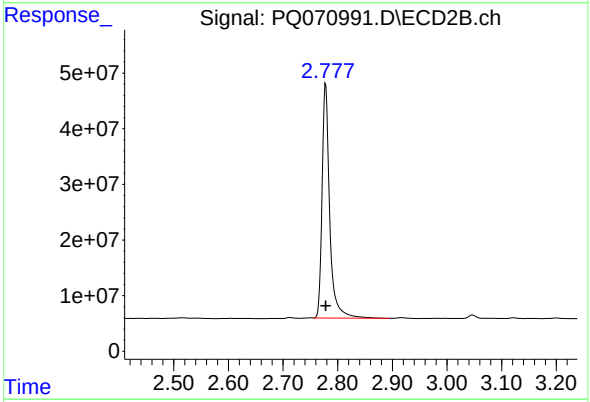




#1 Tetrachloro-m-xylene

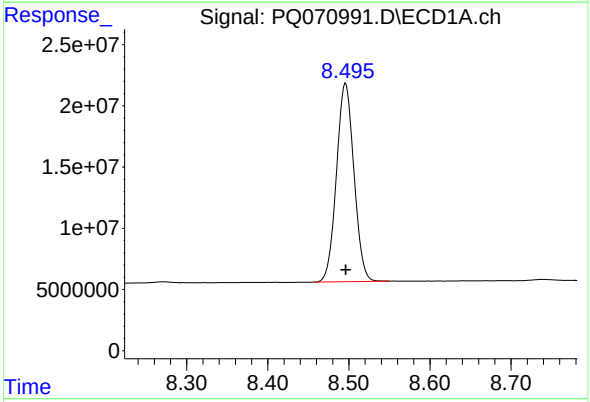
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 343803158
Conc: 75.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



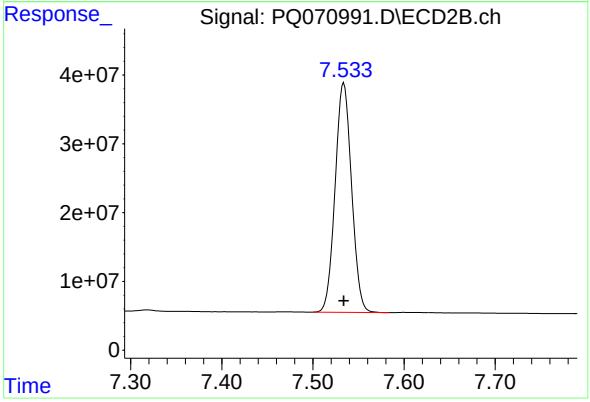
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 408857170
Conc: 75.49 ng/ml



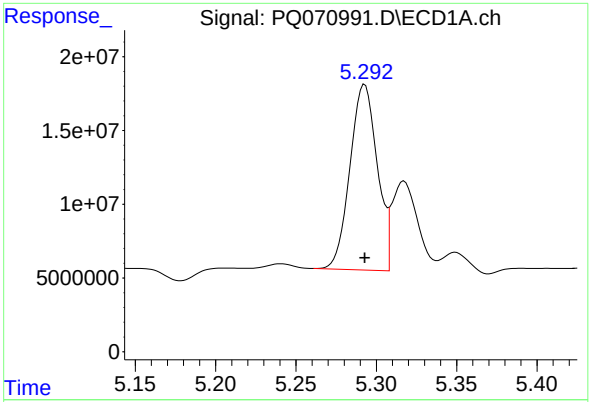
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 242779345
Conc: 75.29 ng/ml



#2 Decachlorobiphenyl

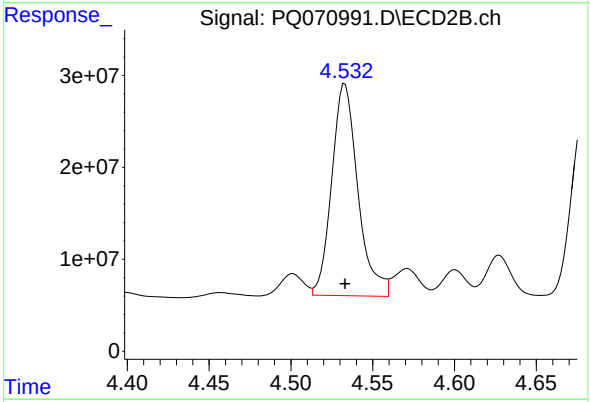
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 418279983
Conc: 75.34 ng/ml



#26 AR-1254-1

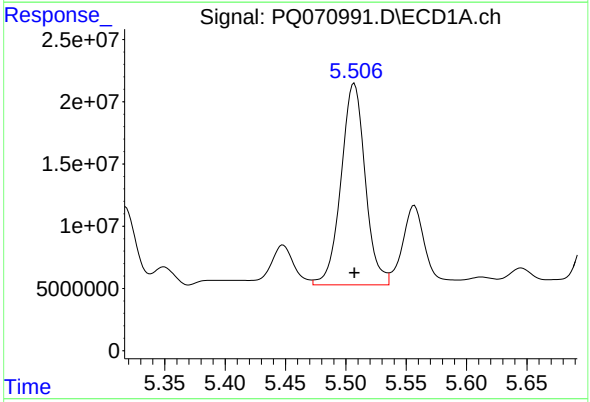
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 148659073
Conc: 762.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



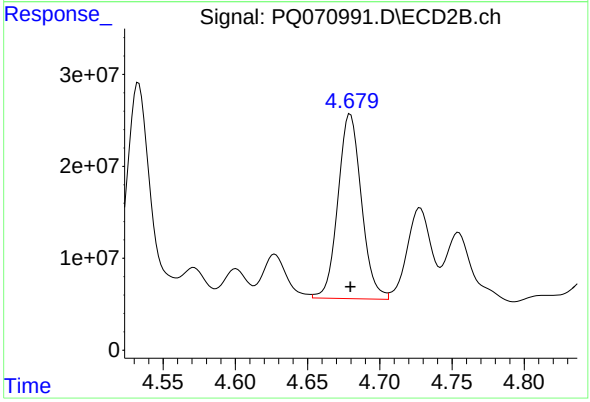
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 255973065
Conc: 758.14 ng/ml



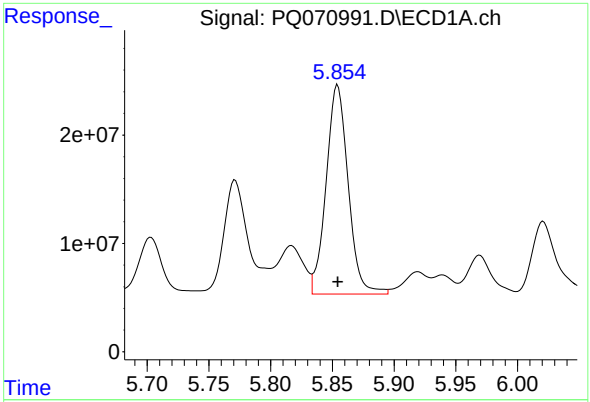
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 225893559
Conc: 775.19 ng/ml



#27 AR-1254-2

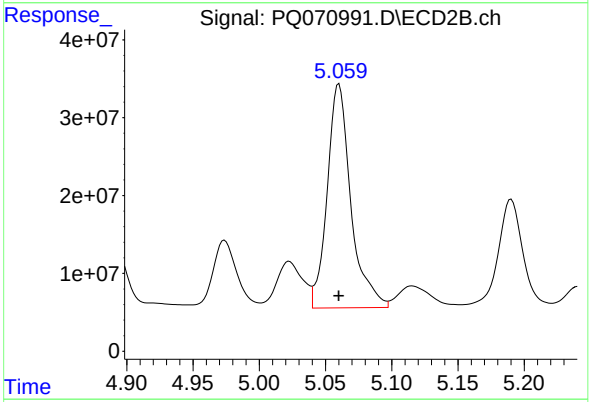
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 226752135
Conc: 763.50 ng/ml



#28 AR-1254-3

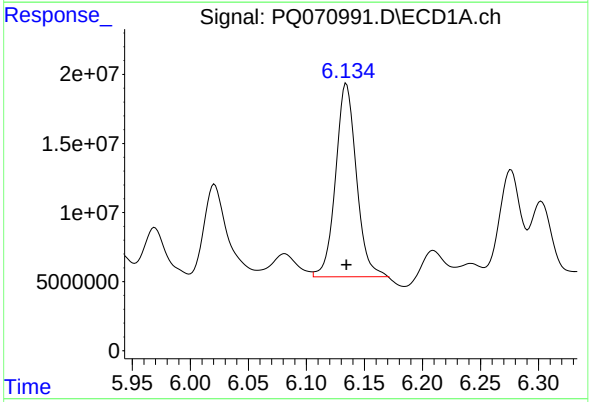
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 240102864
Conc: 771.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



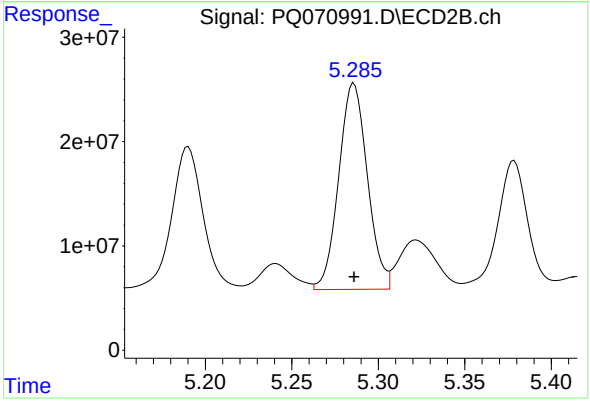
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 358158828
Conc: 757.73 ng/ml



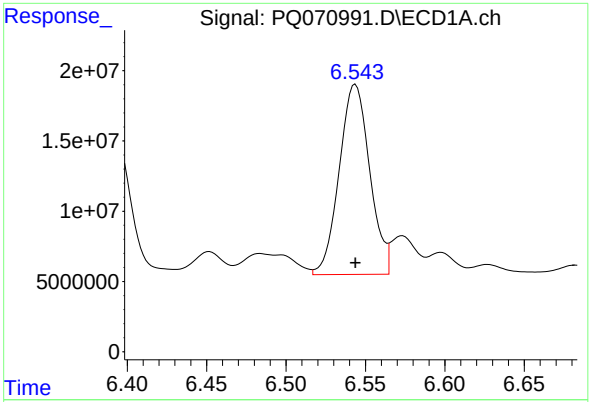
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 174485728
Conc: 775.40 ng/ml



#29 AR-1254-4

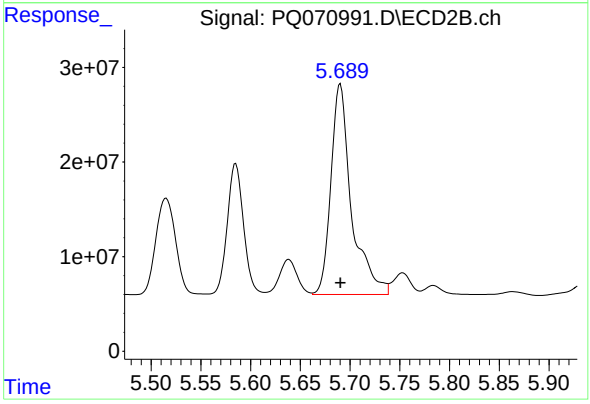
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 227279383
Conc: 755.02 ng/ml



#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)

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

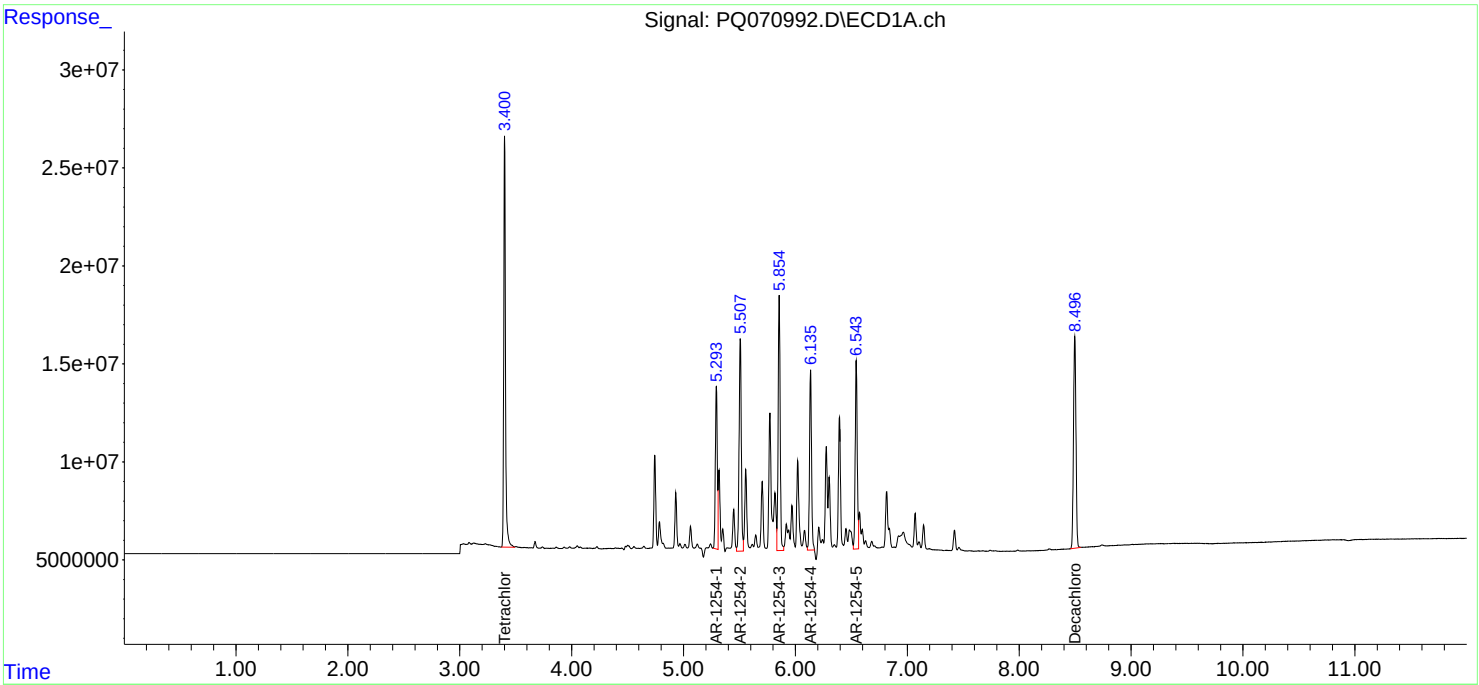
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

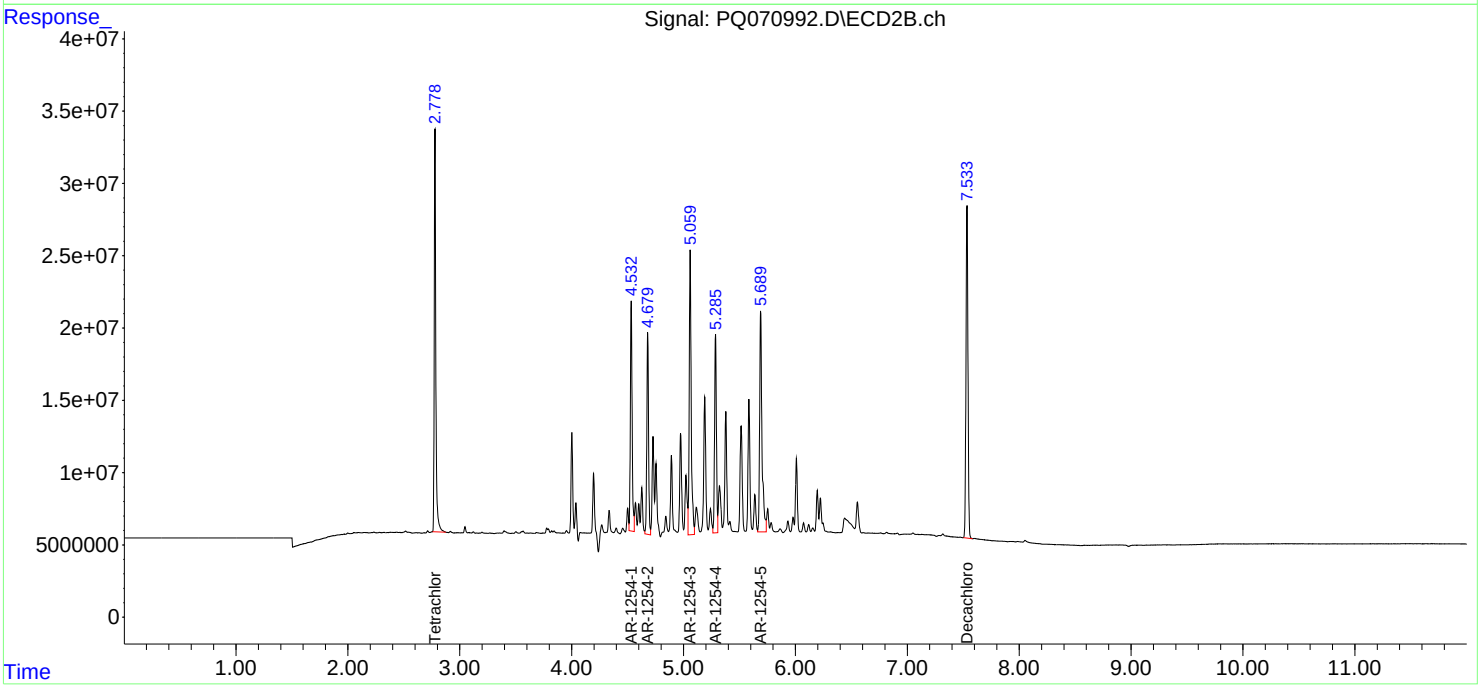
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:33
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

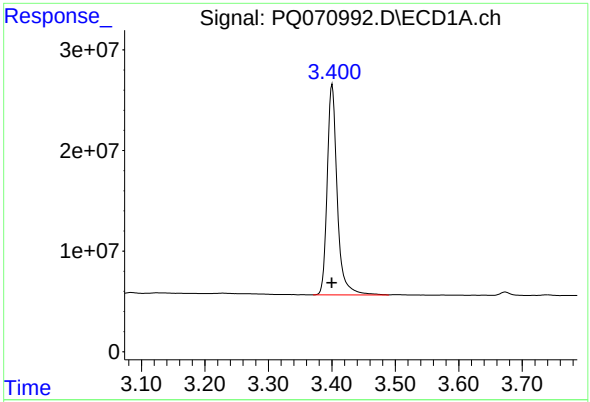
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

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



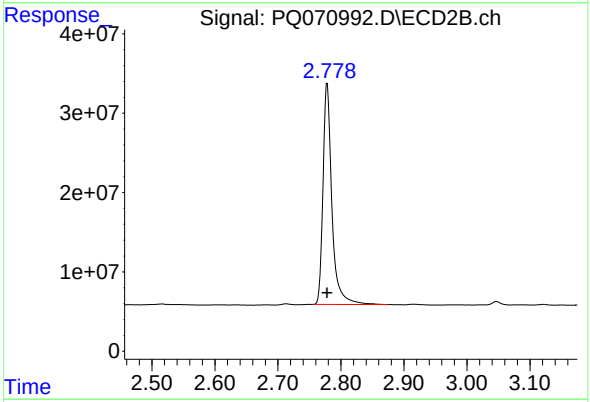




#1 Tetrachloro-m-xylene

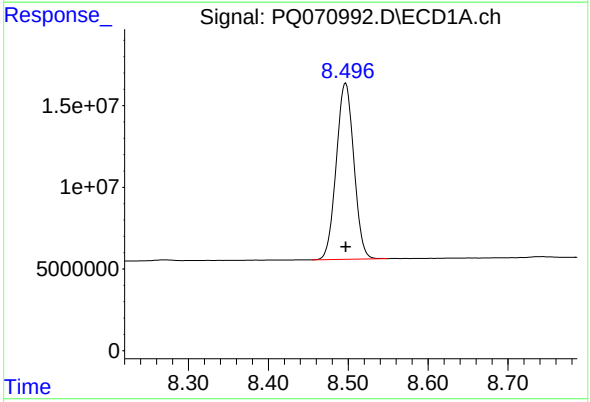
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 230224891
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



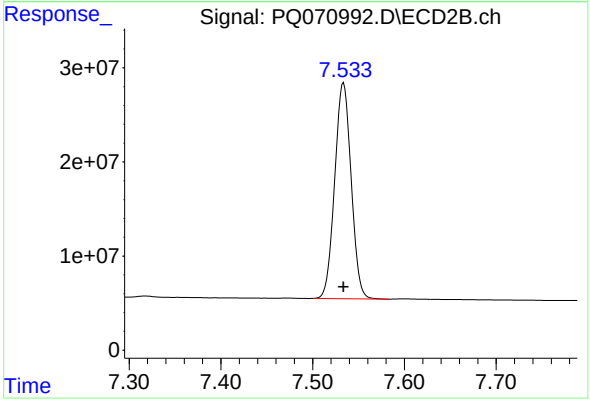
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 274224468
Conc: 50.00 ng/ml



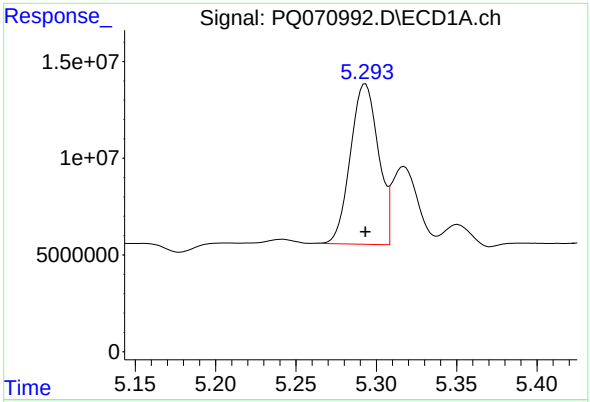
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 165005727
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

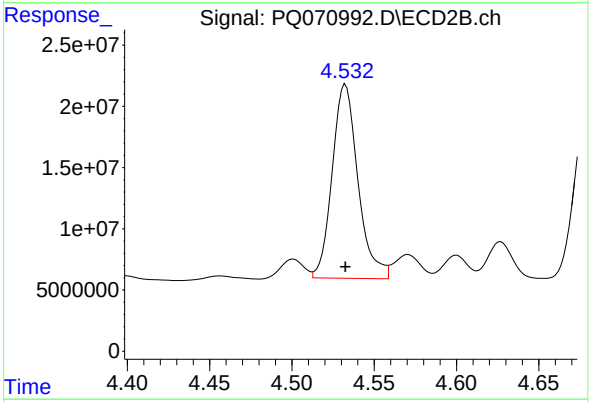
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 285844731
Conc: 50.00 ng/ml



#26 AR-1254-1

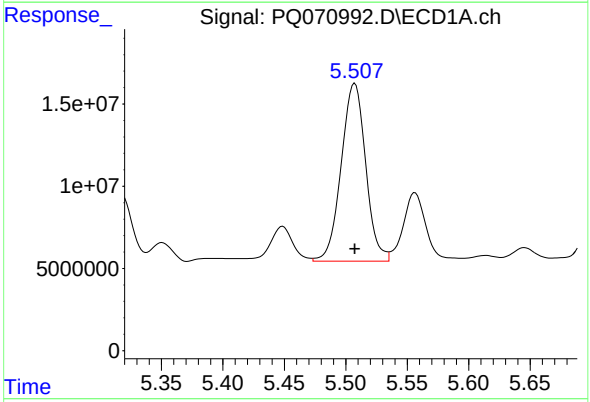
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 100154125
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



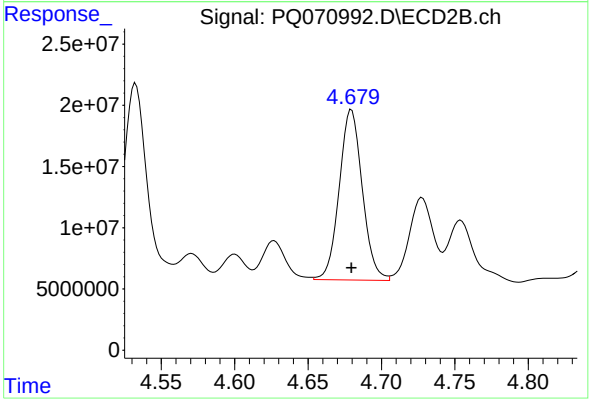
#26 AR-1254-1

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 172752640
Conc: 500.00 ng/ml



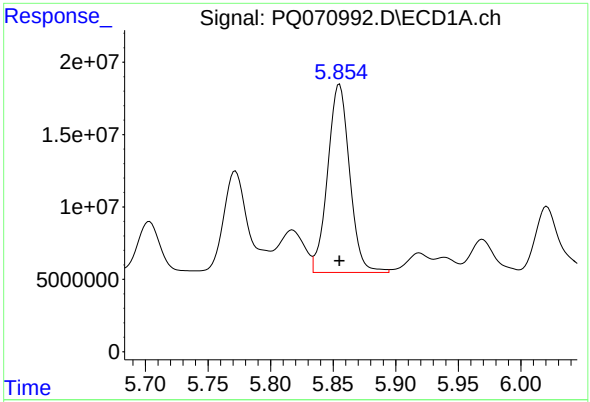
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 150279116
Conc: 500.00 ng/ml



#27 AR-1254-2

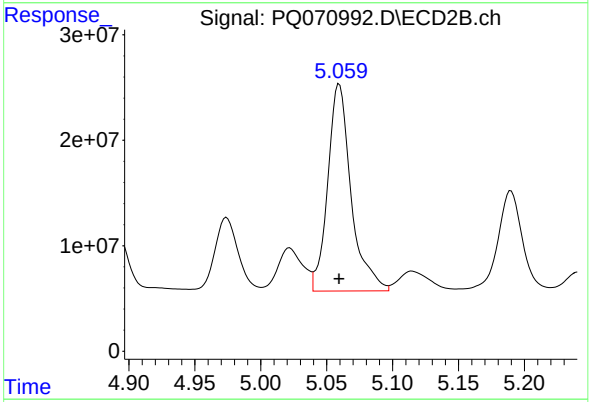
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 152424780
Conc: 500.00 ng/ml



#28 AR-1254-3

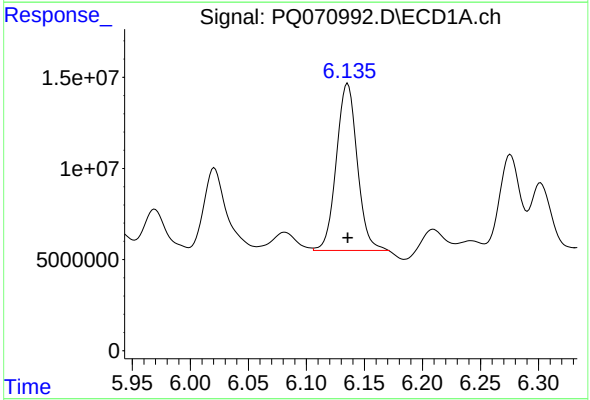
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 159265361
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



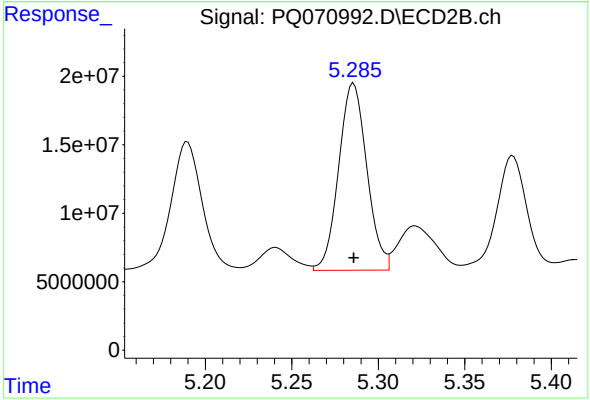
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 242313593
Conc: 500.00 ng/ml



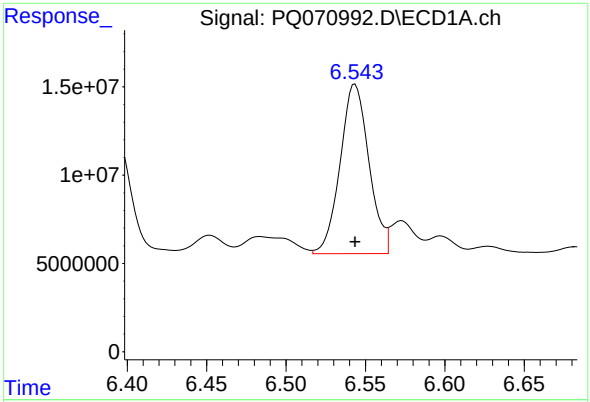
#29 AR-1254-4

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 114899065
Conc: 500.00 ng/ml



#29 AR-1254-4

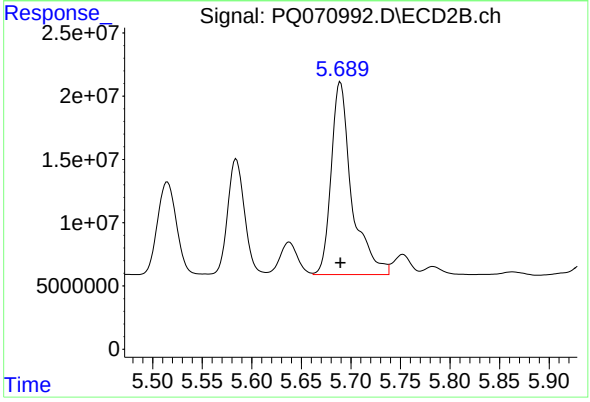
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 154289356
Conc: 500.00 ng/ml



#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)

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

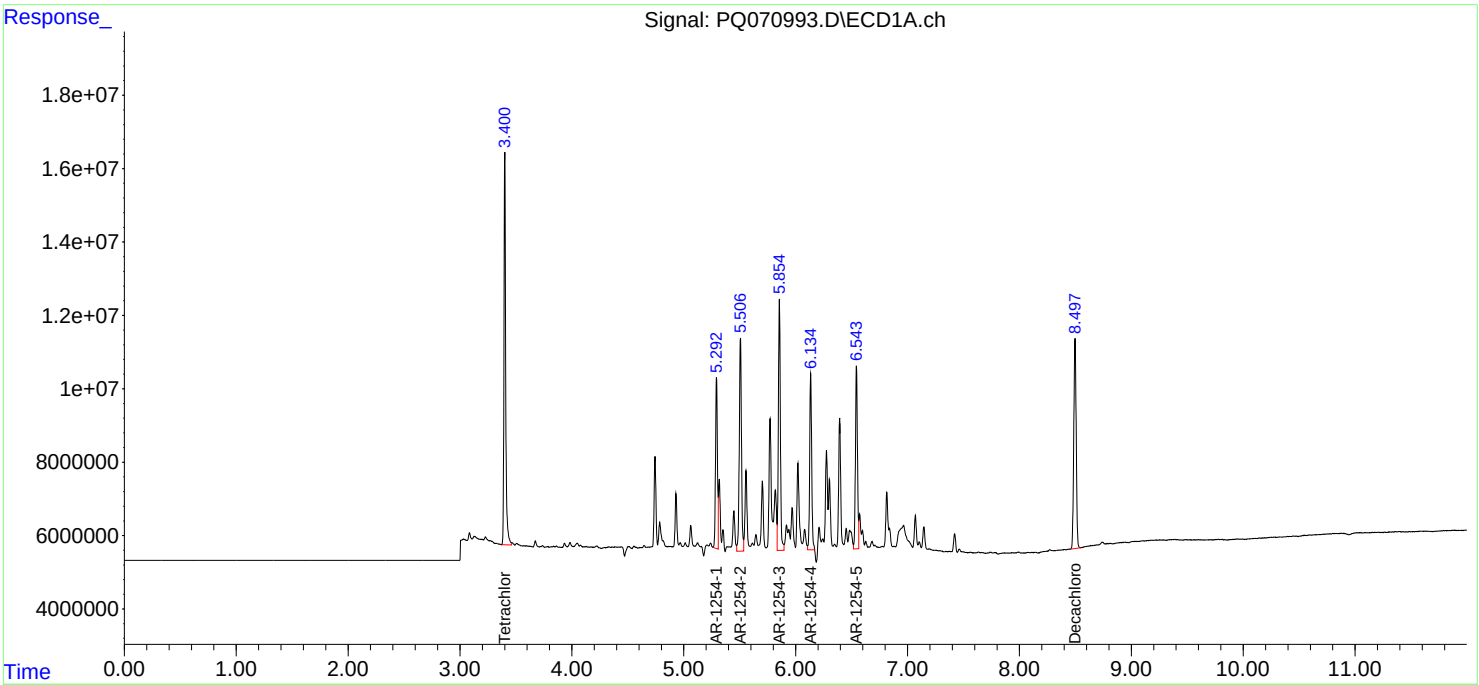
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

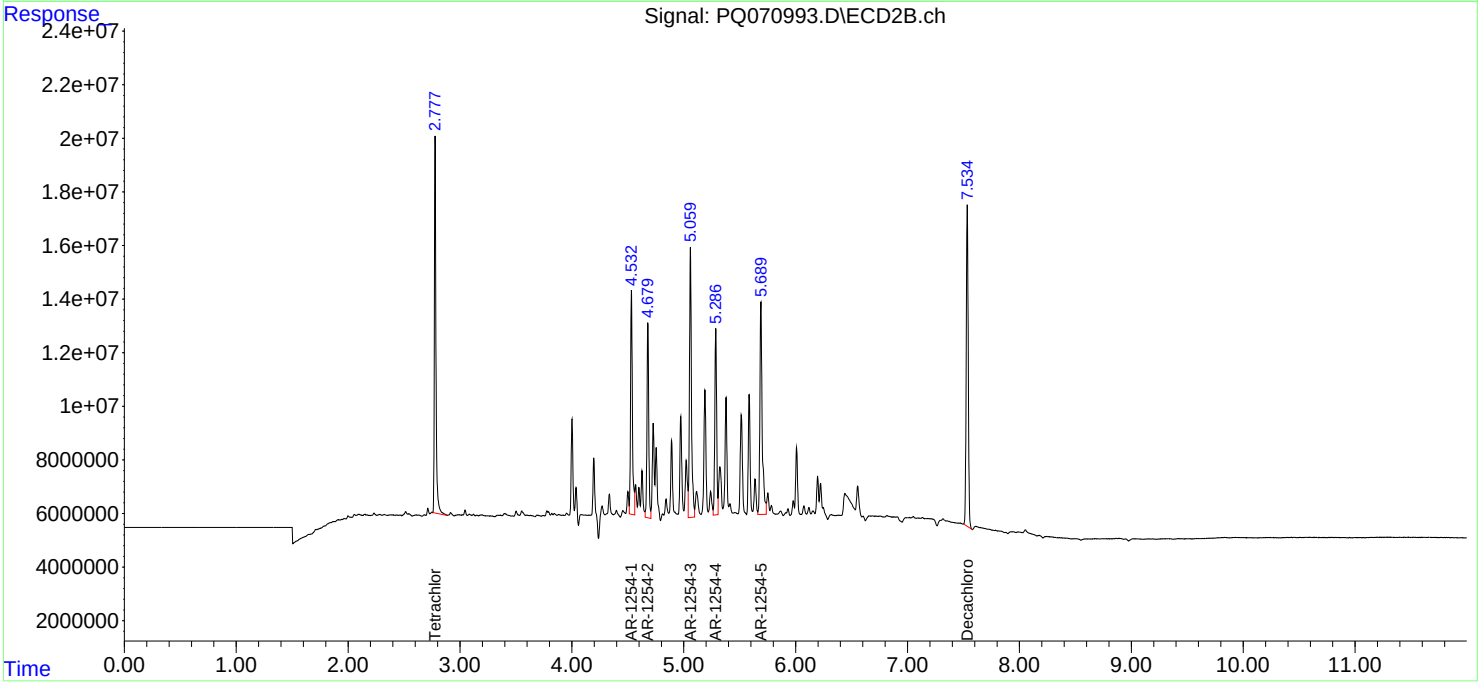
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:48
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

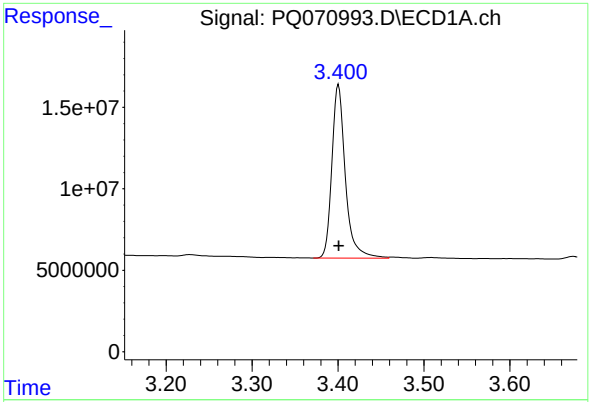
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250

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



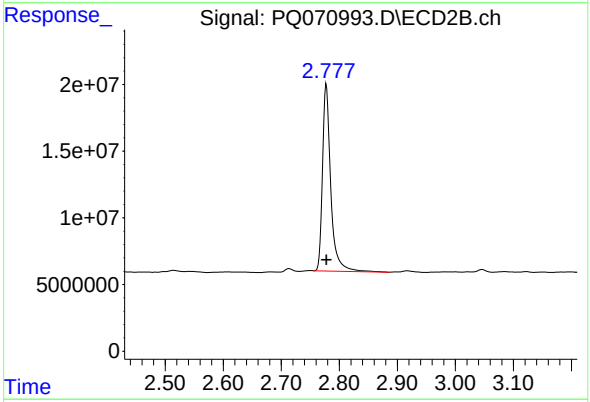




#1 Tetrachloro-m-xylene

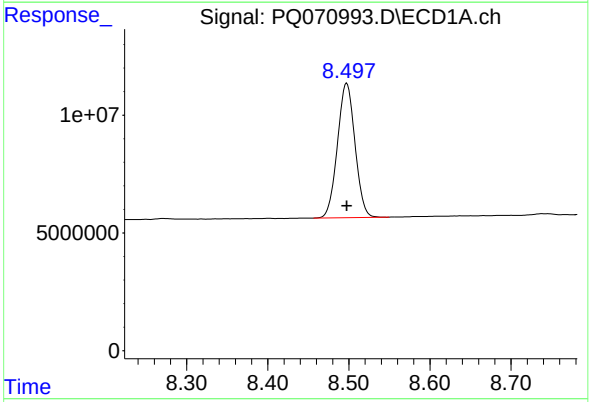
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 115639387
Conc: 25.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



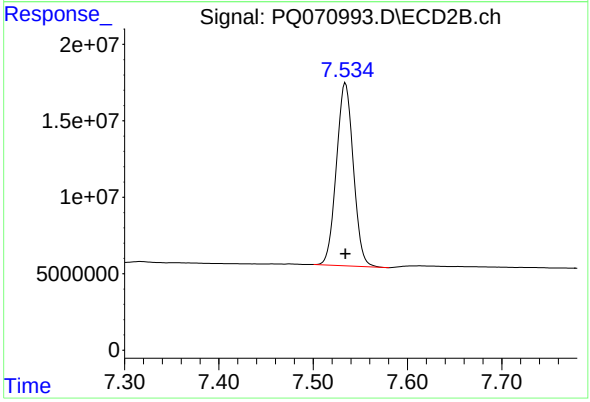
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 138074617
Conc: 25.37 ng/ml



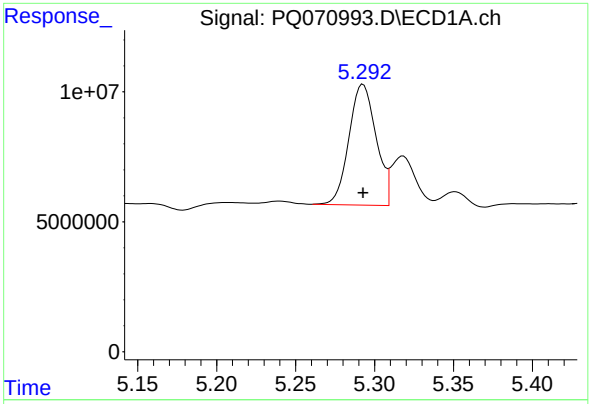
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 85811055
Conc: 26.19 ng/ml



#2 Decachlorobiphenyl

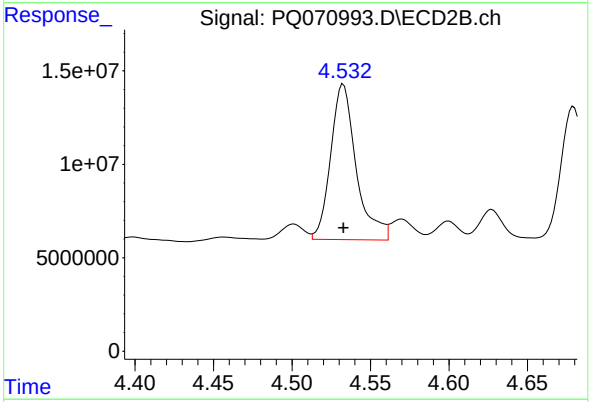
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 149322341
Conc: 26.40 ng/ml



#26 AR-1254-1

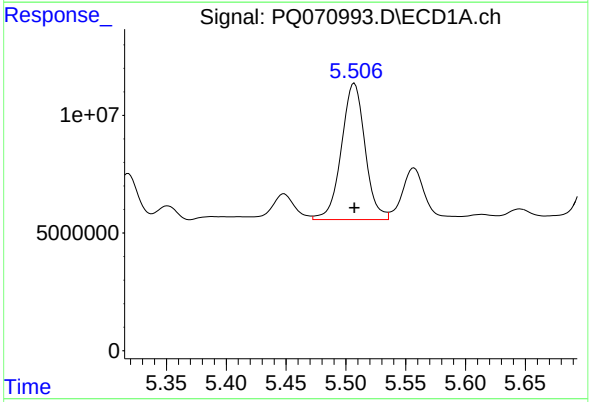
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 55605487
Conc: 275.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



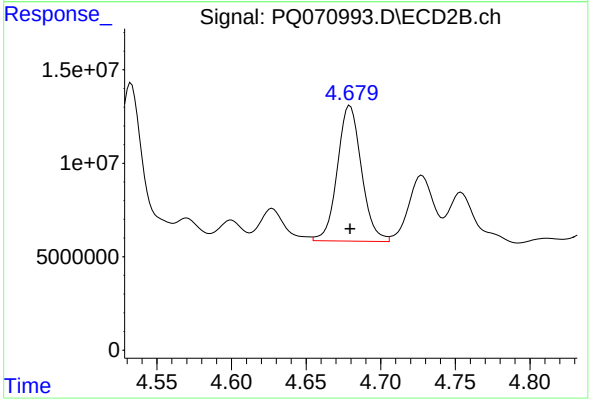
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 94496803
Conc: 271.76 ng/ml



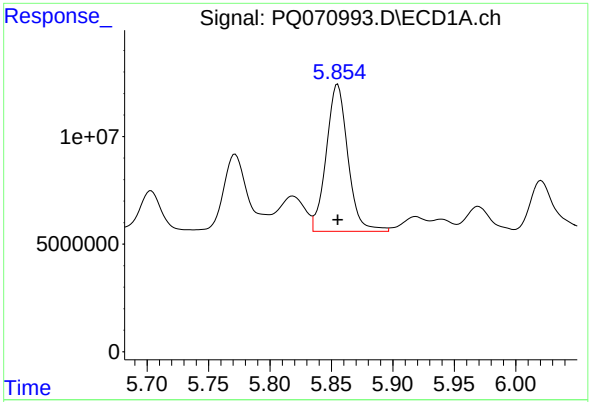
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 79670910
Conc: 267.15 ng/ml



#27 AR-1254-2

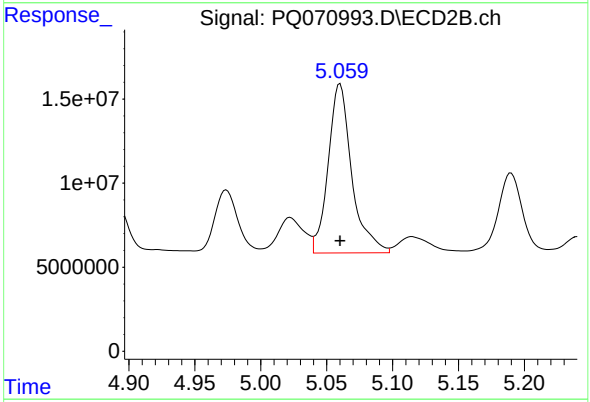
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 81557409
Conc: 268.02 ng/ml



#28 AR-1254-3

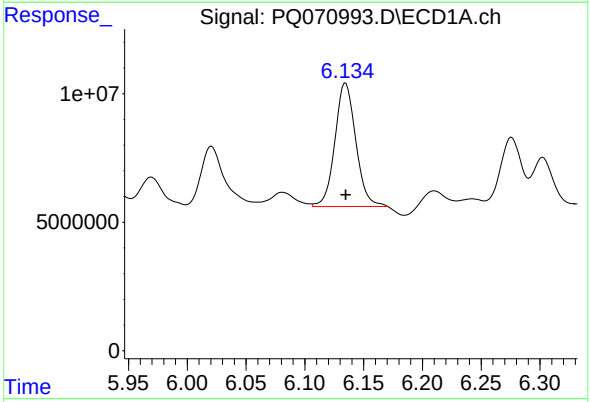
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 83776868
Conc: 264.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



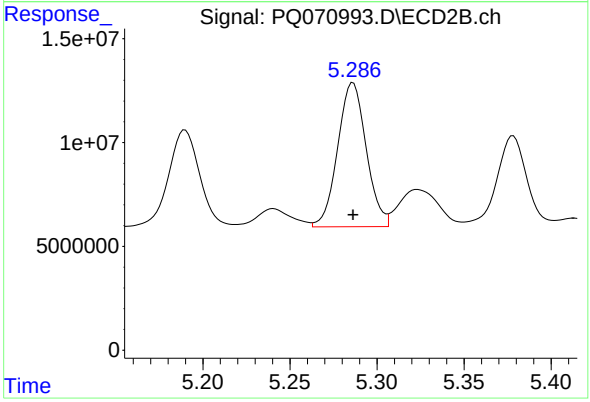
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 125404807
Conc: 261.31 ng/ml



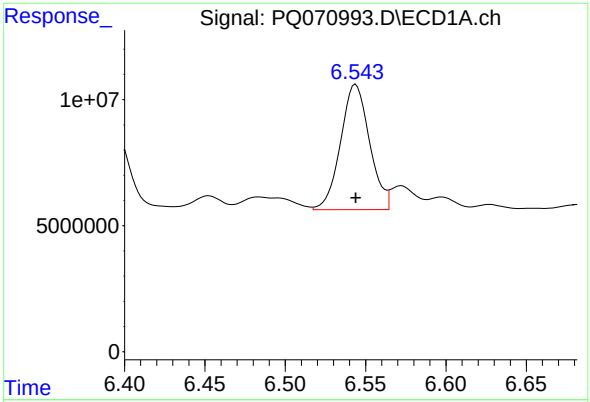
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 59407243
Conc: 260.35 ng/ml



#29 AR-1254-4

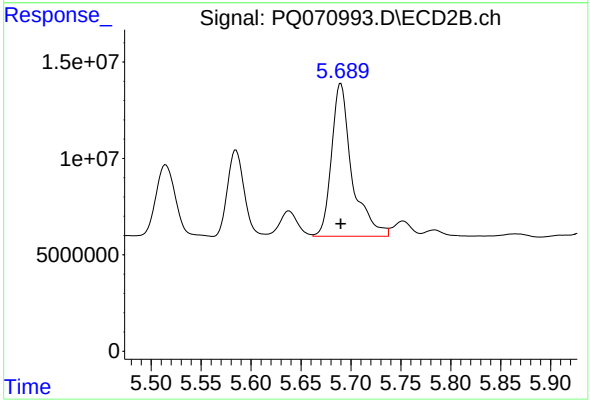
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 79268444
Conc: 259.87 ng/ml



#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)

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

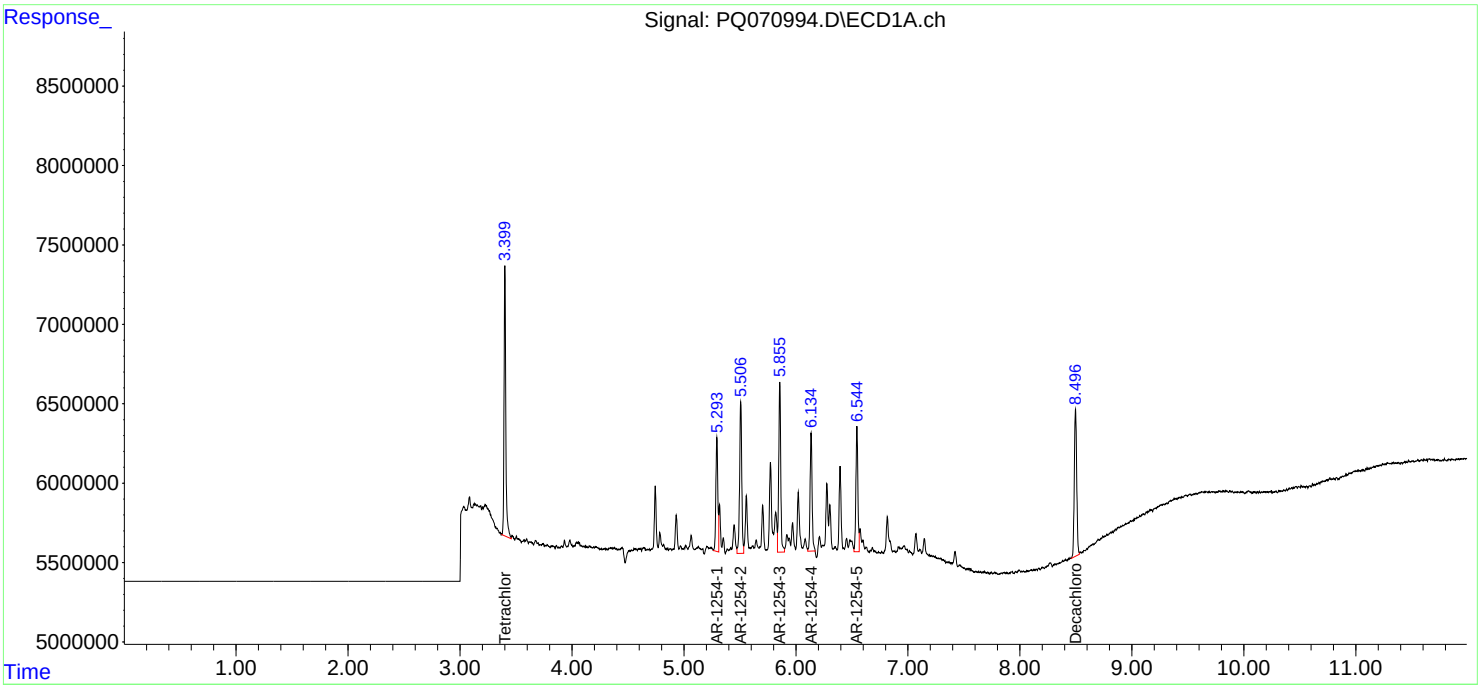
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

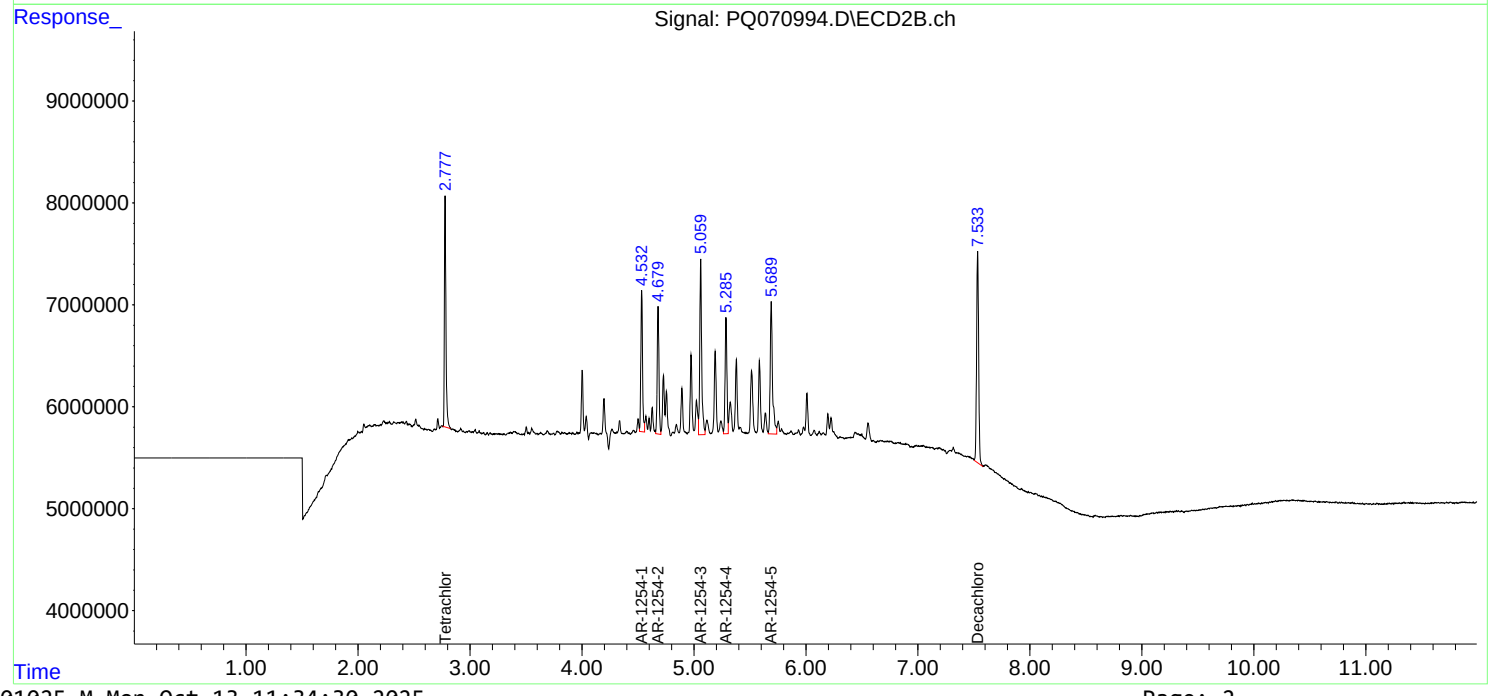
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:15
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

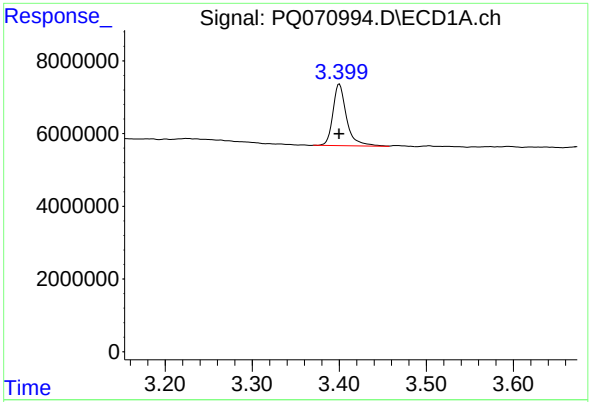
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050

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



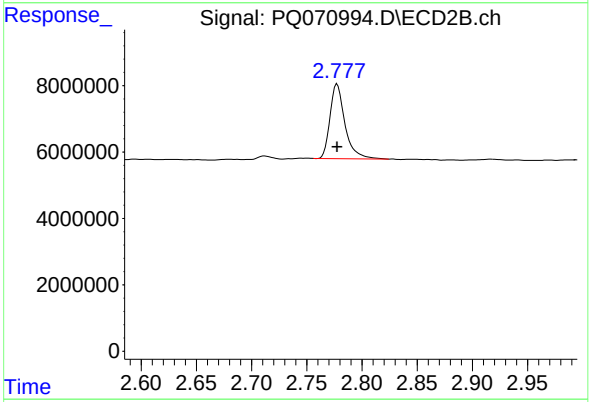




#1 Tetrachloro-m-xylene

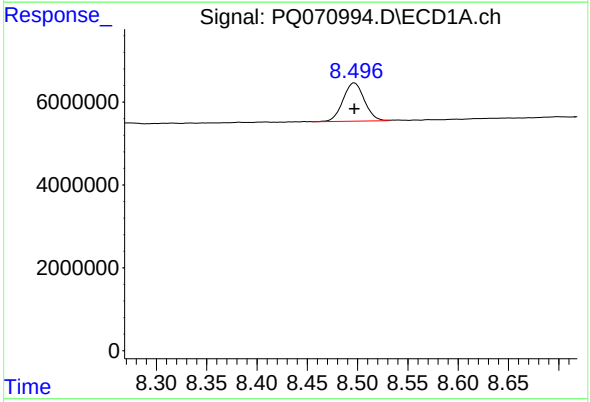
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 18509464
Conc: 4.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



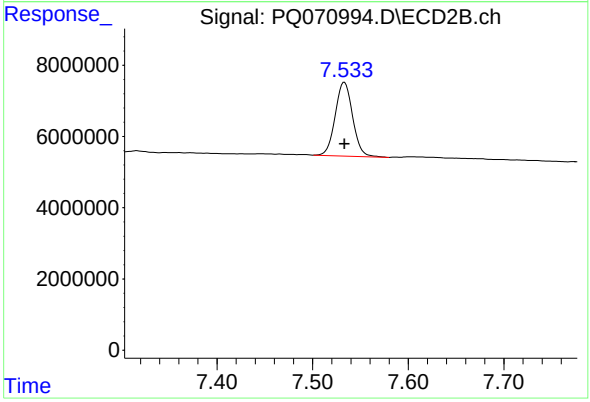
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 21190782
Conc: 4.07 ng/ml



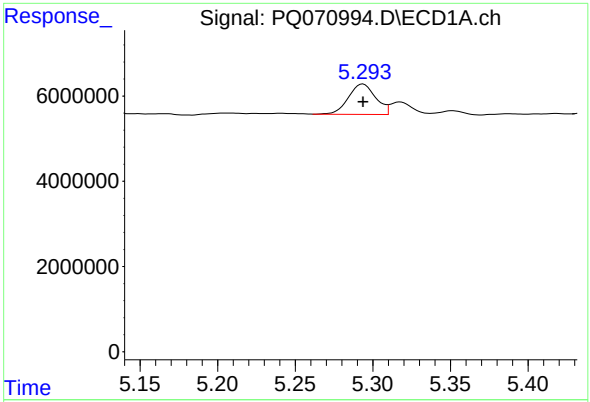
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 13621454
Conc: 4.30 ng/ml



#2 Decachlorobiphenyl

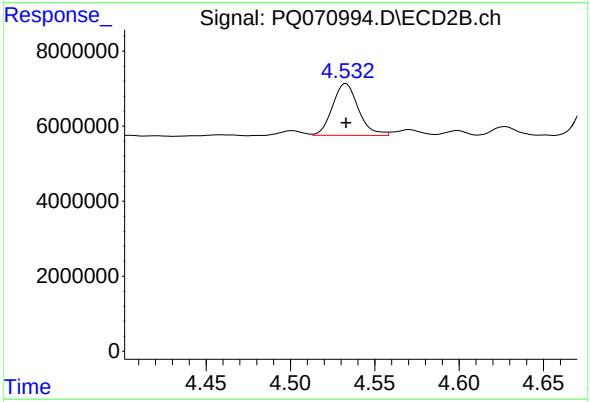
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 26282104
Conc: 4.71 ng/ml



#26 AR-1254-1

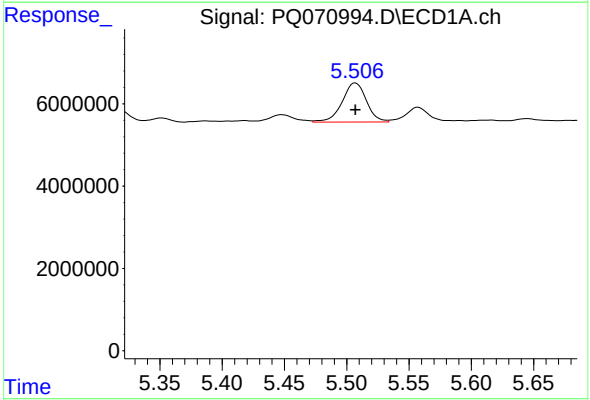
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 8706585
Conc: 44.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



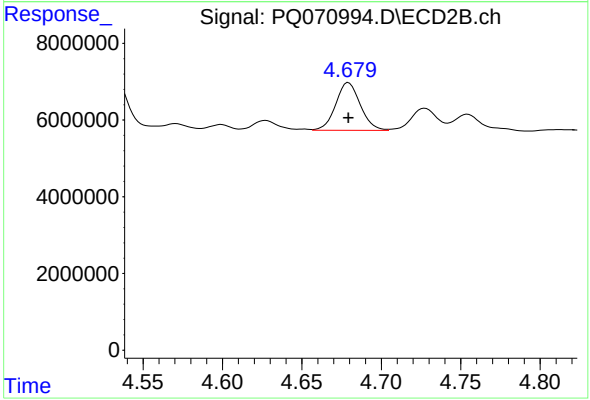
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 14758492
Conc: 43.77 ng/ml



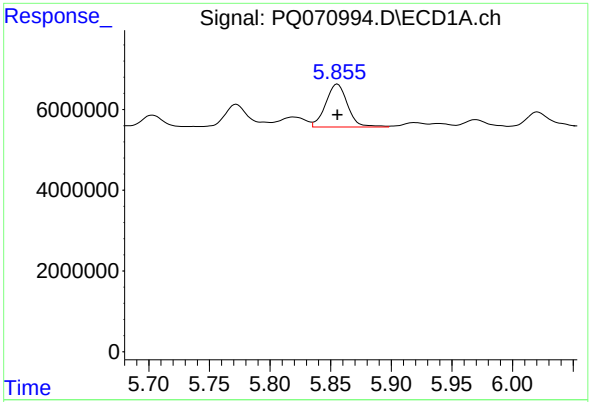
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 12975824
Conc: 44.67 ng/ml



#27 AR-1254-2

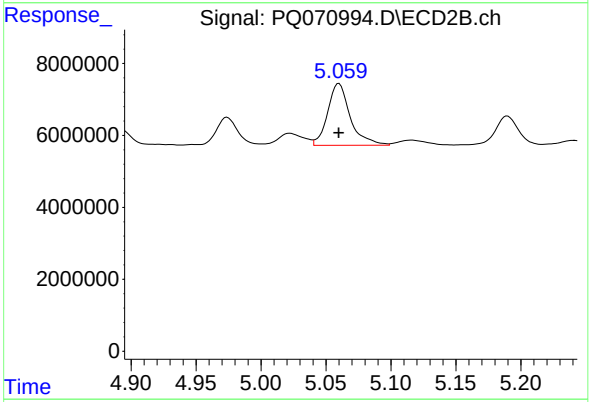
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 13428771
Conc: 45.19 ng/ml



#28 AR-1254-3

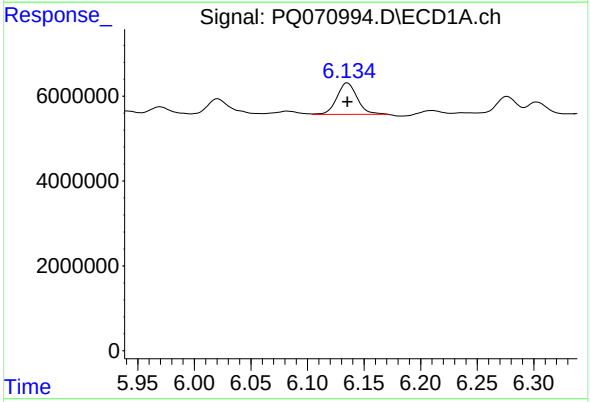
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 13388451
Conc: 43.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



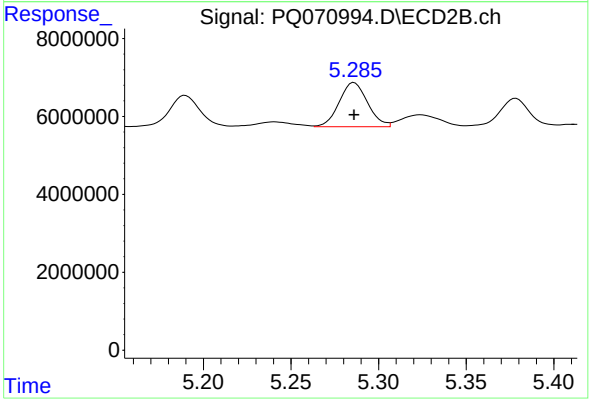
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 20784652
Conc: 44.50 ng/ml



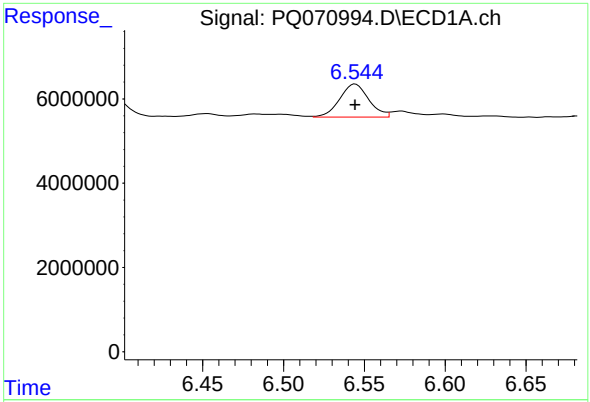
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 9249550
Conc: 42.13 ng/ml



#29 AR-1254-4

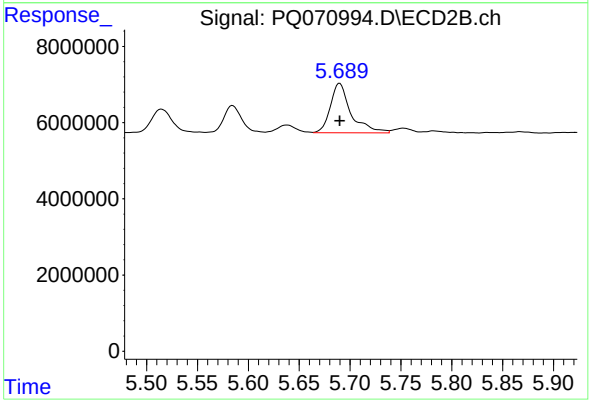
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 12805792
Conc: 43.37 ng/ml



#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)

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

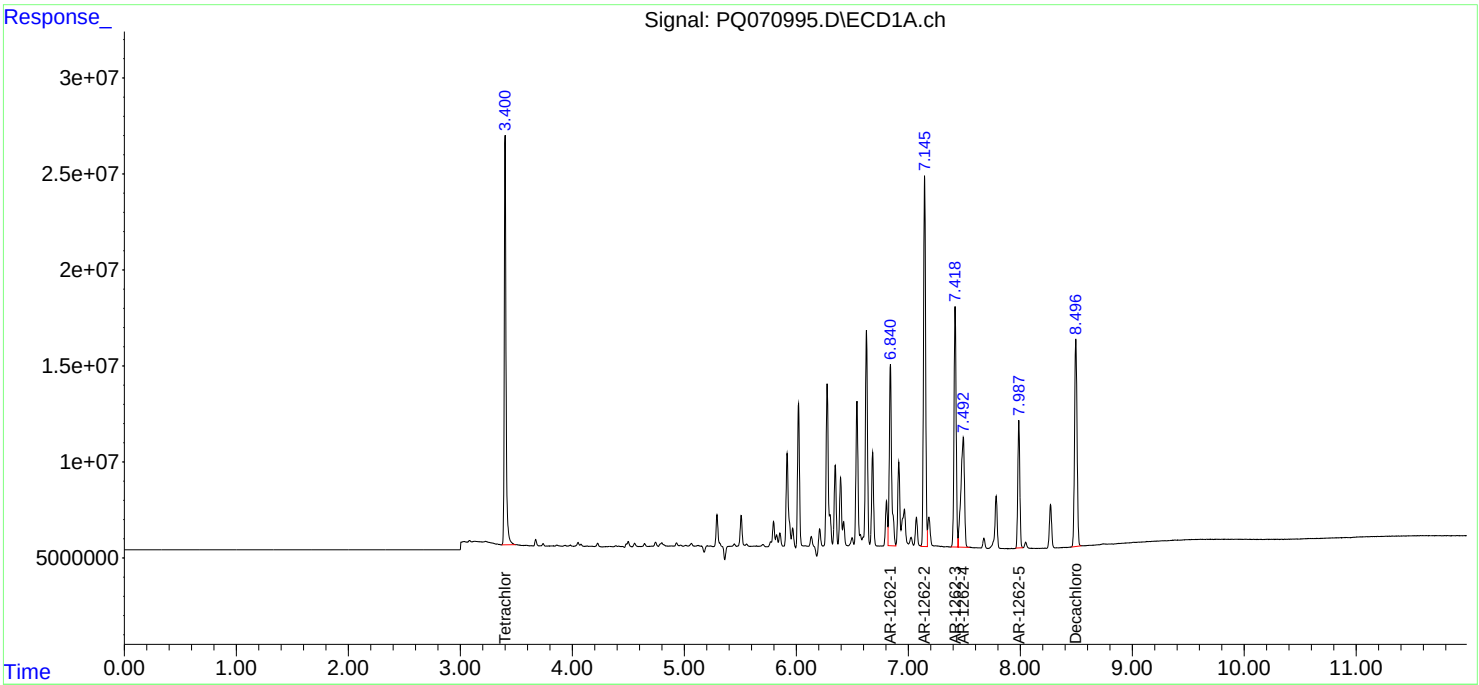
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

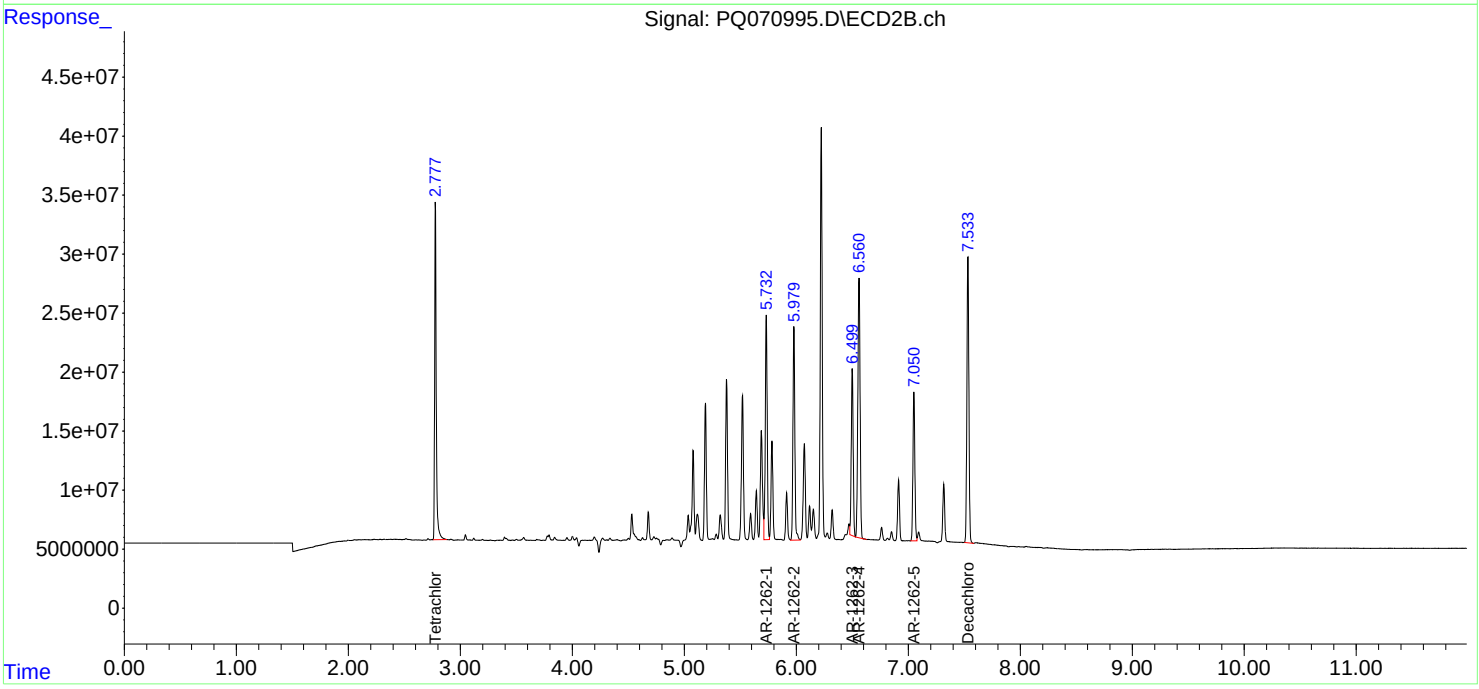
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:30
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

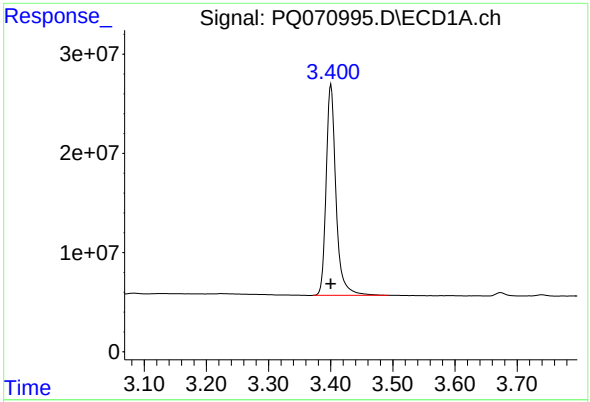
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

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



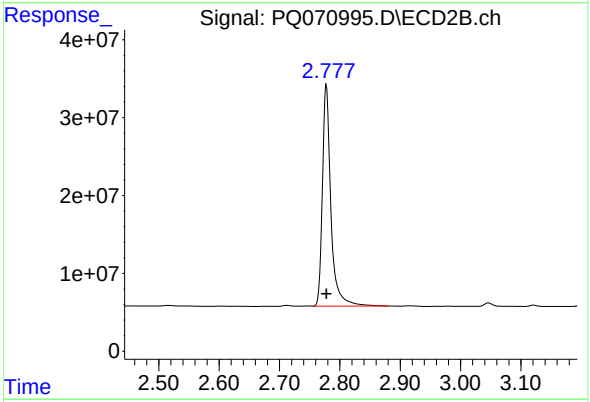




#1 Tetrachloro-m-xylene

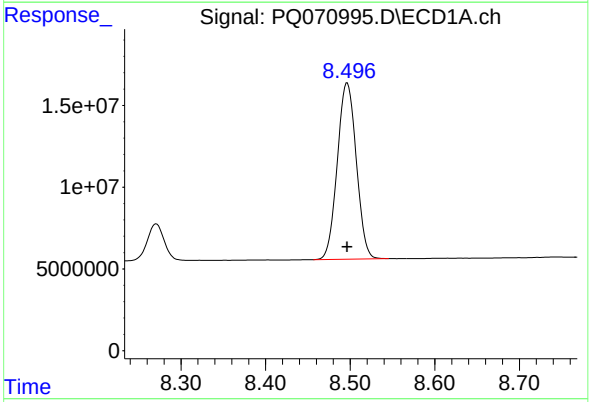
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 233674057
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



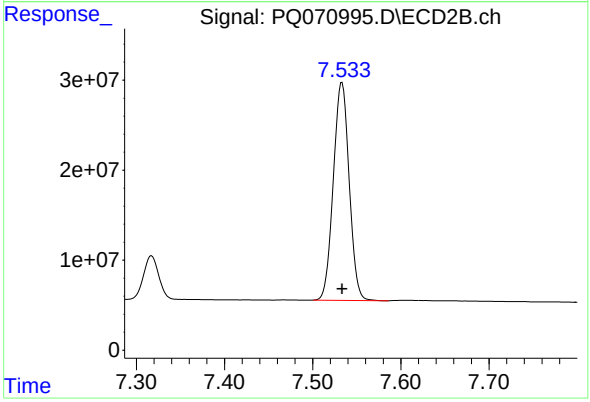
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 278097352
Conc: 50.00 ng/ml



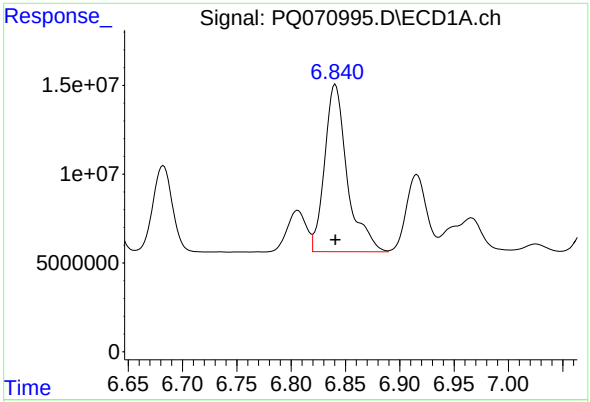
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 168129535
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

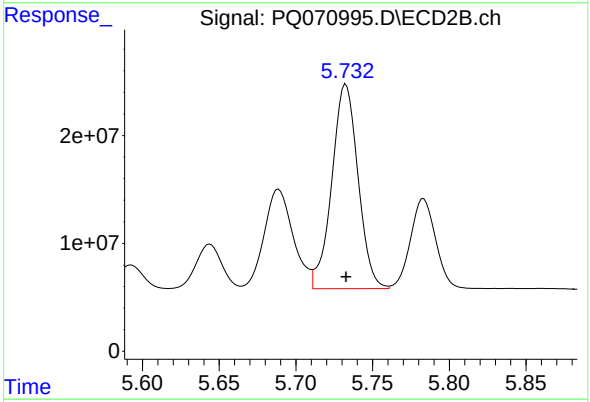
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 302467313
Conc: 50.00 ng/ml



#36 AR-1262-1

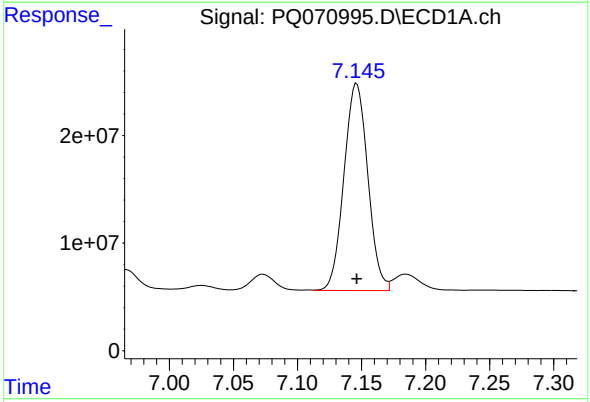
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 137009240
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



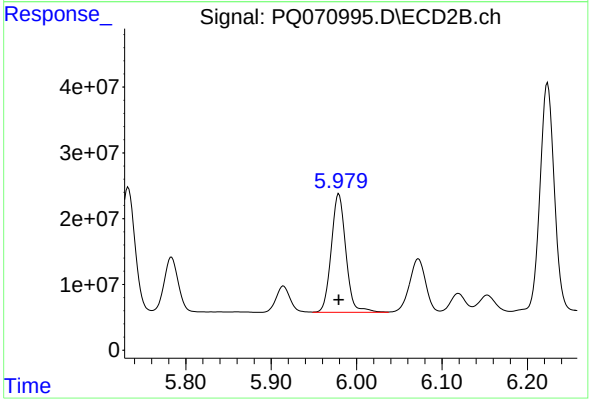
#36 AR-1262-1

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 226243354
Conc: 500.00 ng/ml



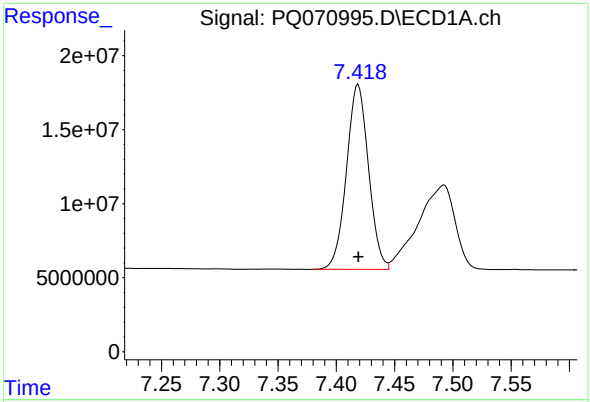
#37 AR-1262-2

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 249238238
Conc: 500.00 ng/ml



#37 AR-1262-2

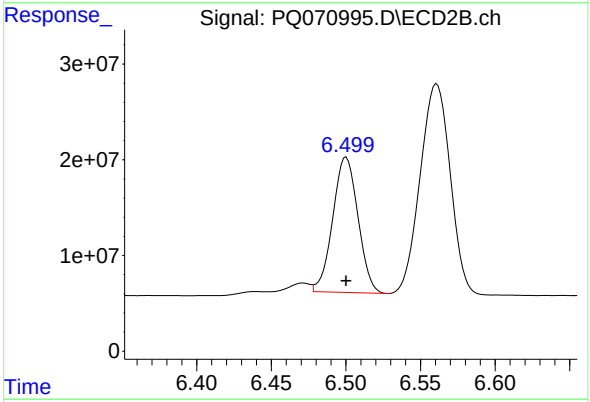
R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 213850677
Conc: 500.00 ng/ml



#38 AR-1262-3

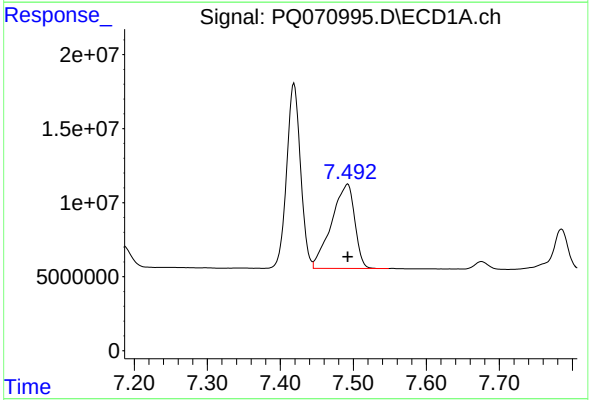
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 164329640
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



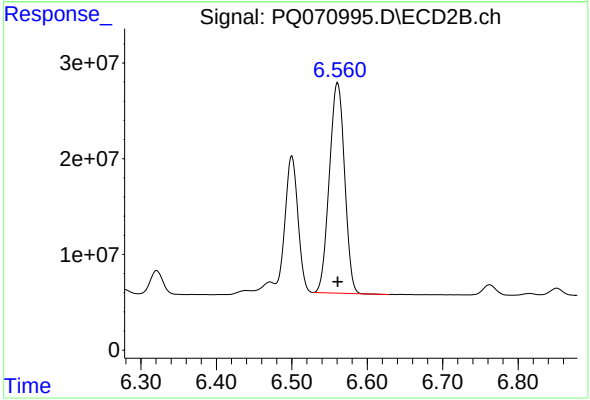
#38 AR-1262-3

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 166353751
Conc: 500.00 ng/ml



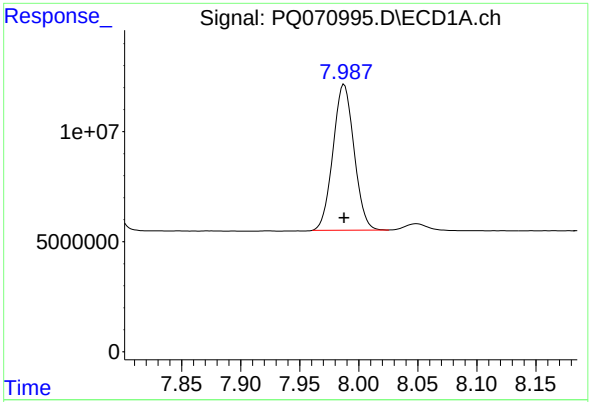
#39 AR-1262-4

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 126169859
Conc: 500.00 ng/ml



#39 AR-1262-4

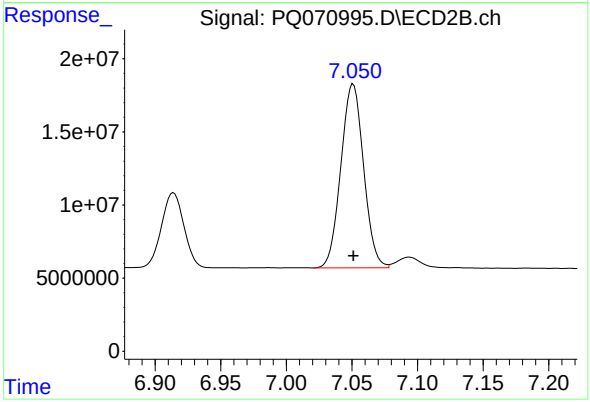
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 308409736
Conc: 500.00 ng/ml



#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)

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

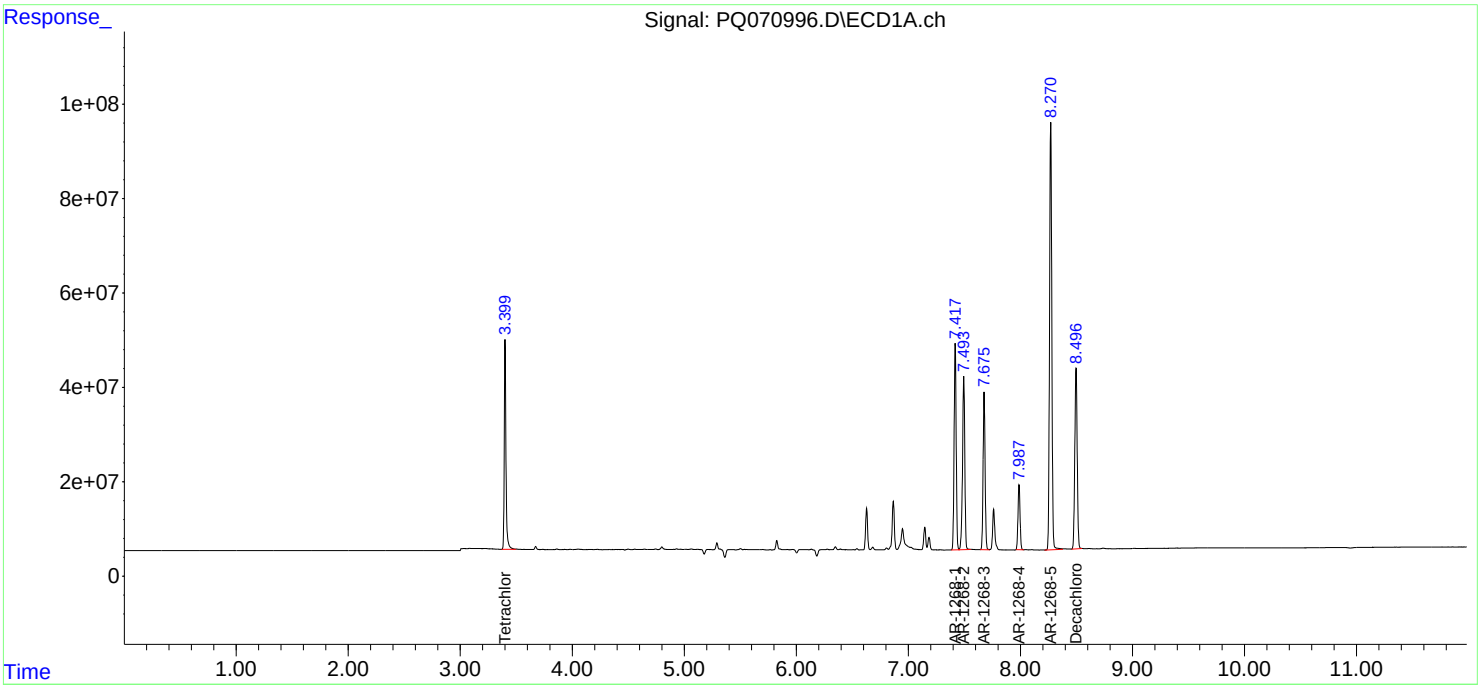
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

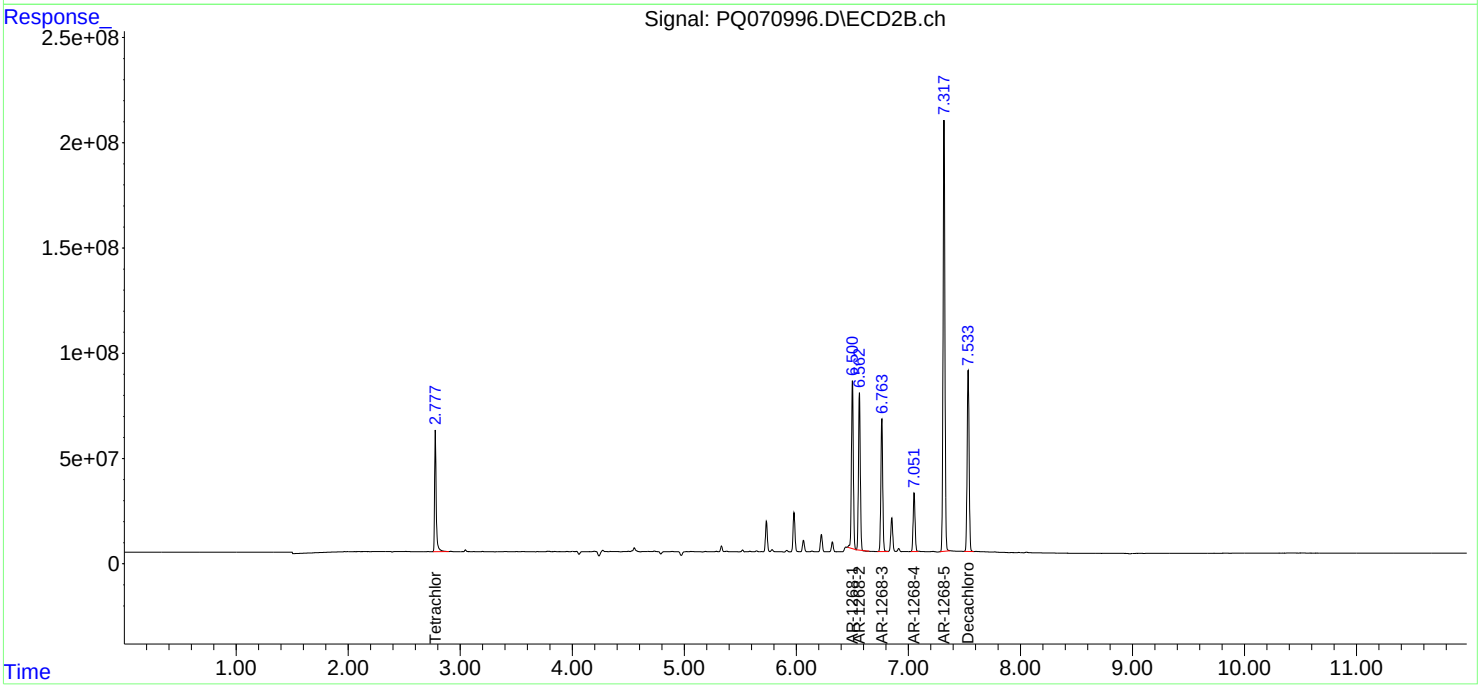
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

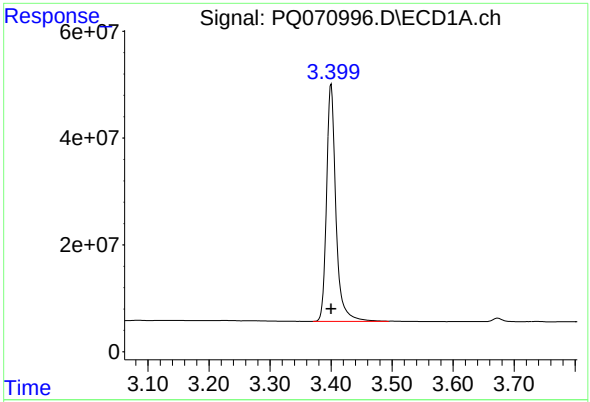
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

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



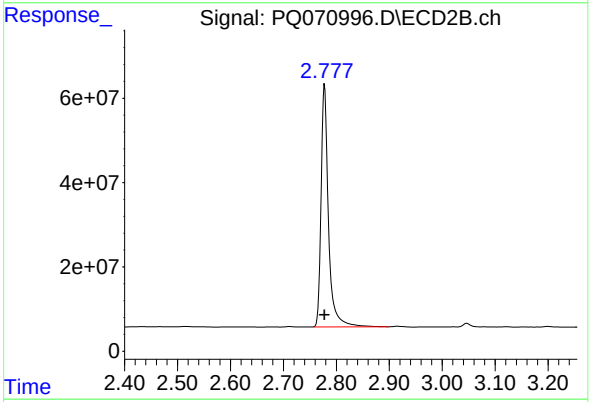




#1 Tetrachloro-m-xylene

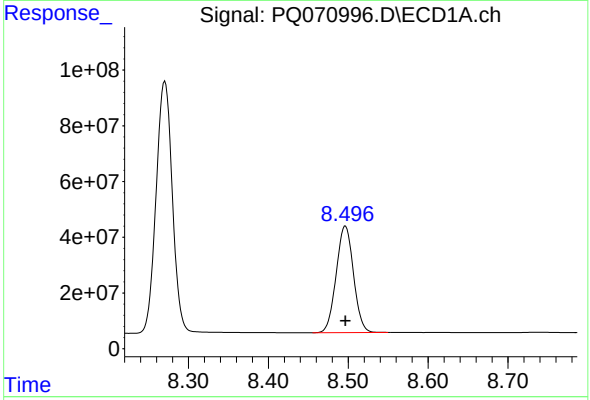
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 473487442
Conc: 98.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



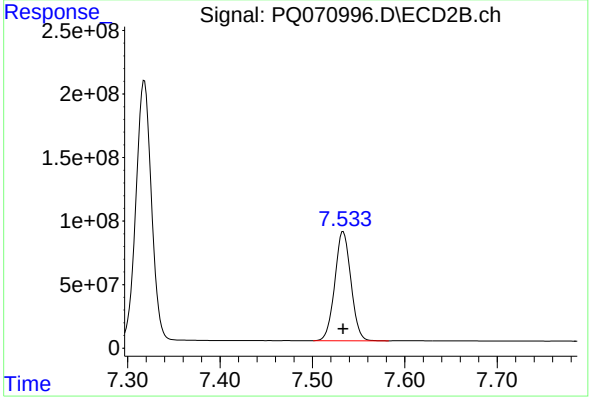
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 558165948
Conc: 98.66 ng/ml



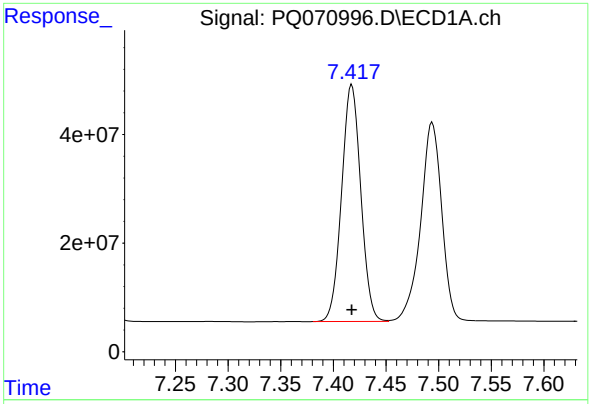
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 575751429
Conc: 97.63 ng/ml



#2 Decachlorobiphenyl

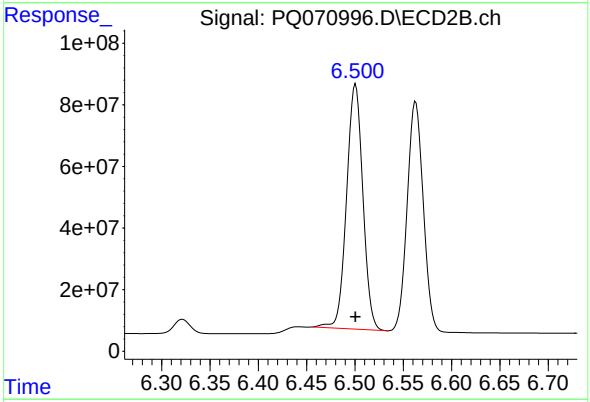
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 1040108591
Conc: 97.47 ng/ml



#41 AR-1268-1

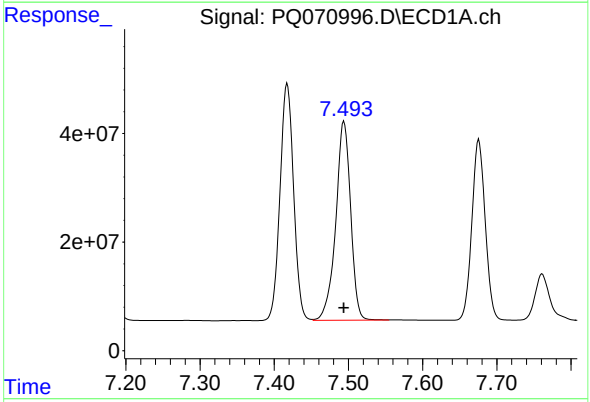
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 555593291
Conc: 975.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



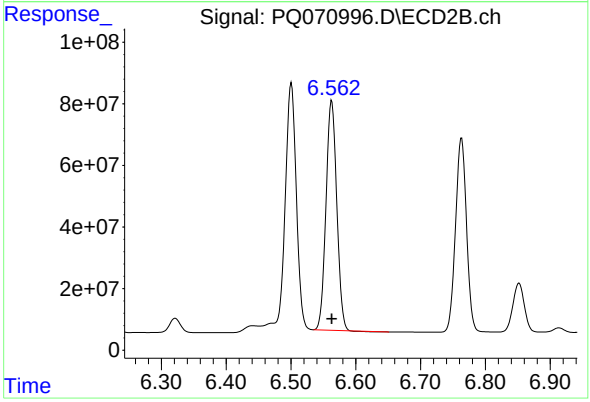
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 931455367
Conc: 977.85 ng/ml



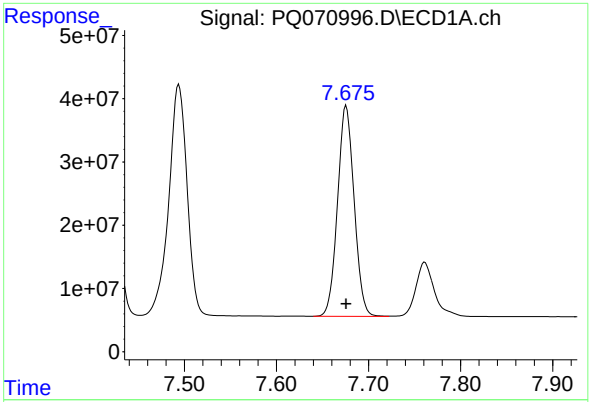
#42 AR-1268-2

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 510325576
Conc: 977.26 ng/ml



#42 AR-1268-2

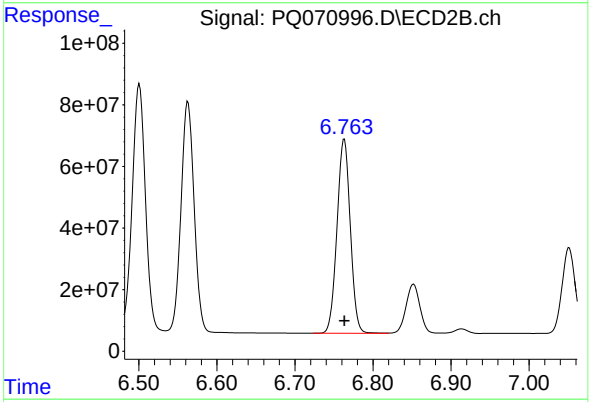
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 858872879
Conc: 976.29 ng/ml



#43 AR-1268-3

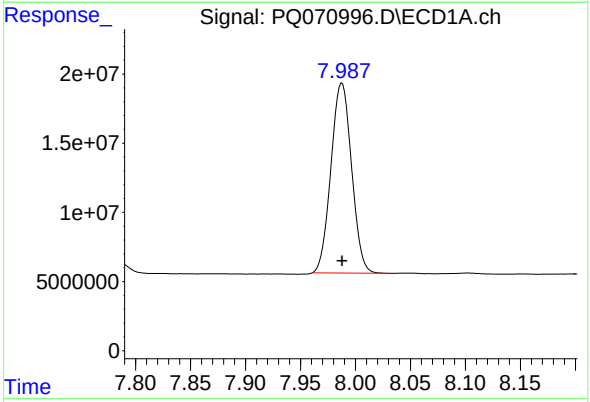
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 416538407
Conc: 976.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



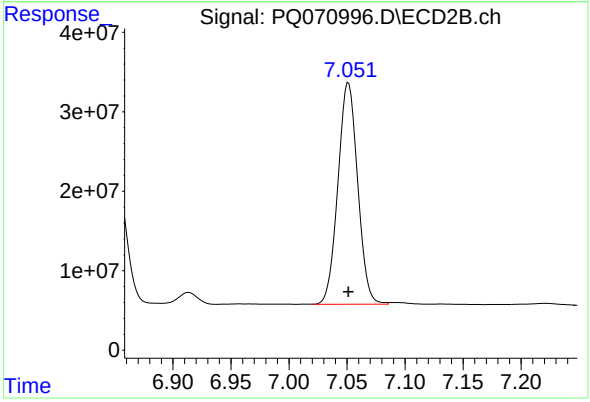
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 746016914
Conc: 977.98 ng/ml



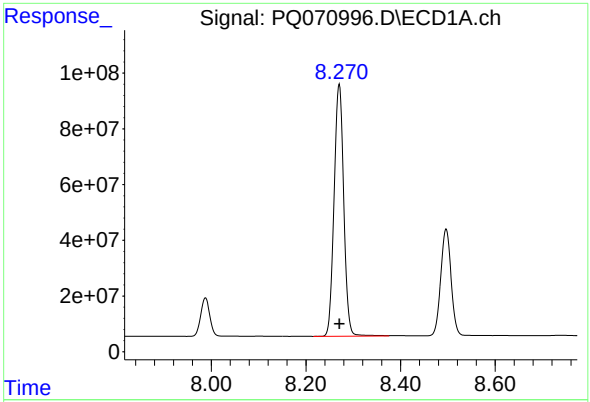
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 179373252
Conc: 972.22 ng/ml



#44 AR-1268-4

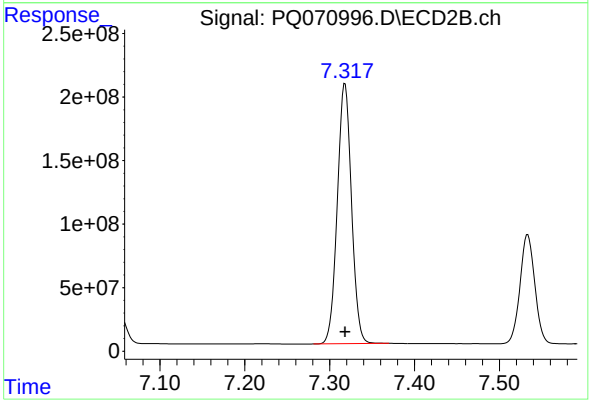
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 330162118
Conc: 977.10 ng/ml



#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)

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

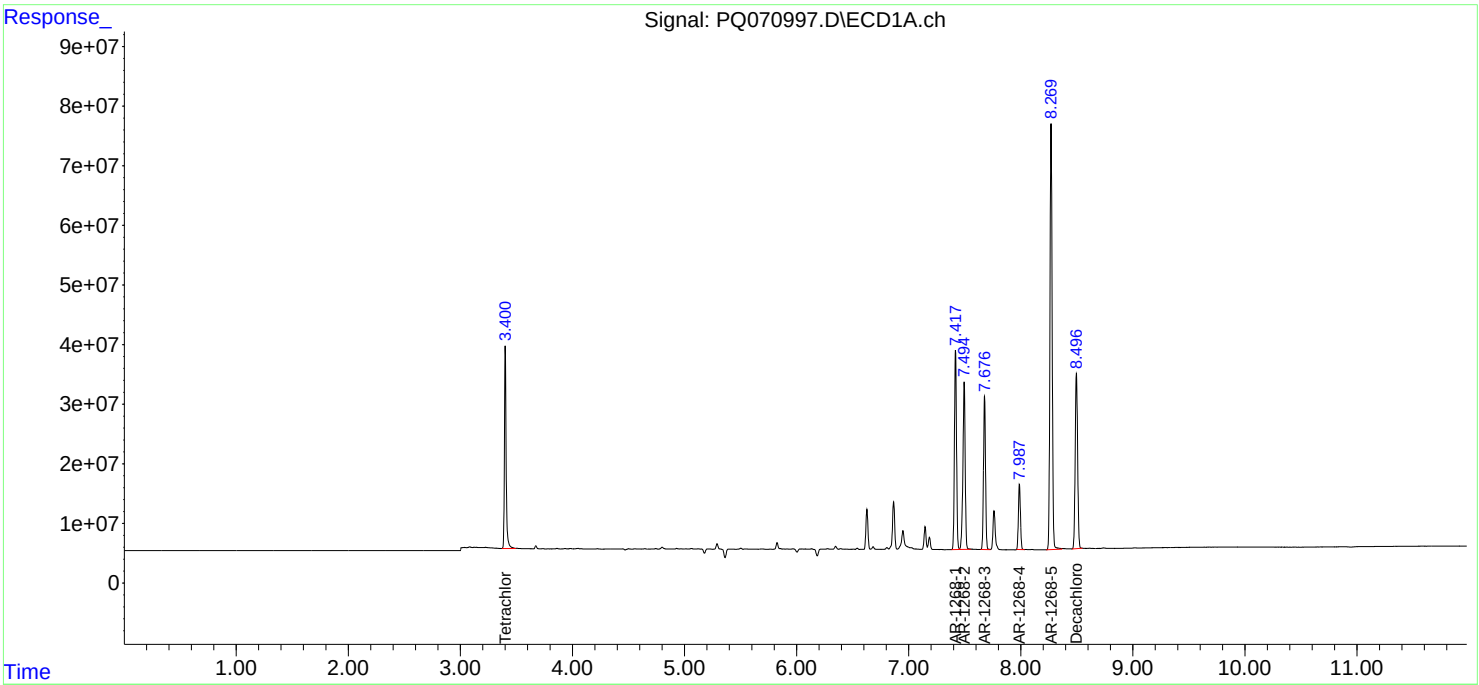
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

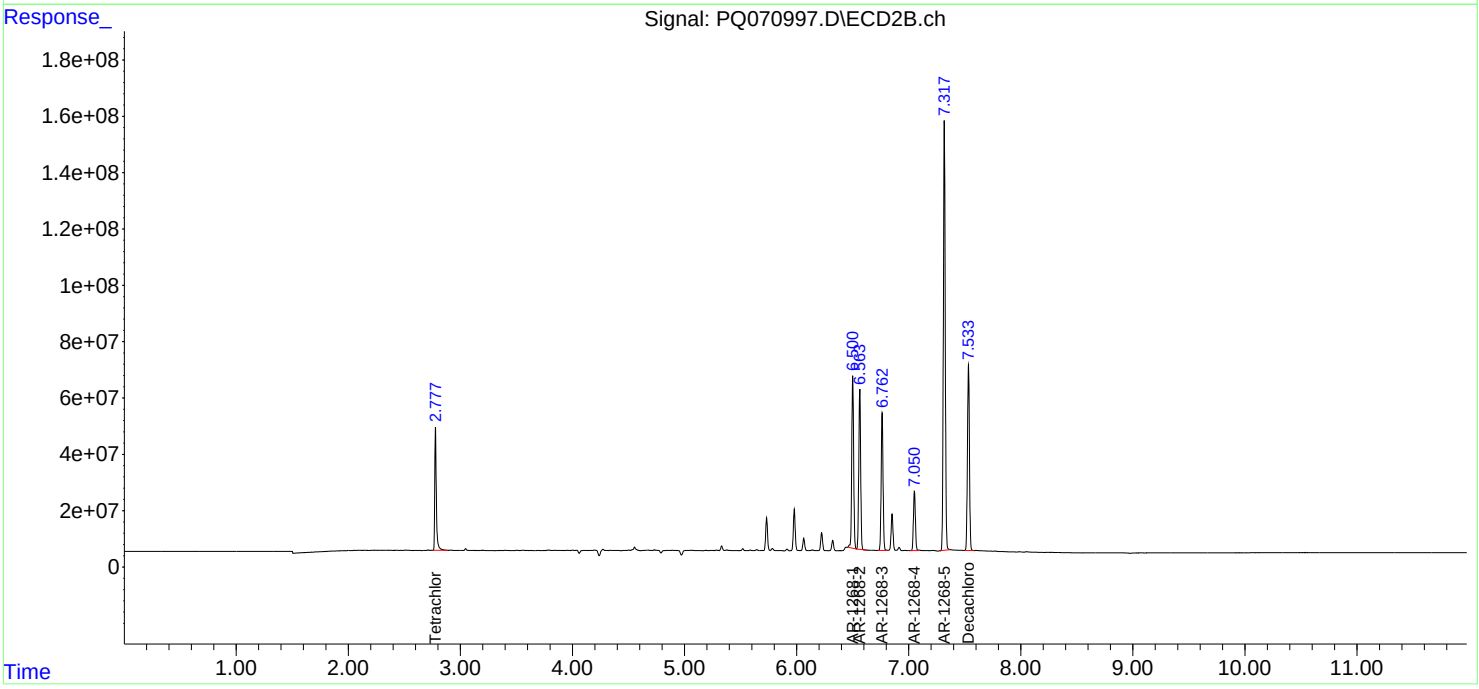
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:59
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

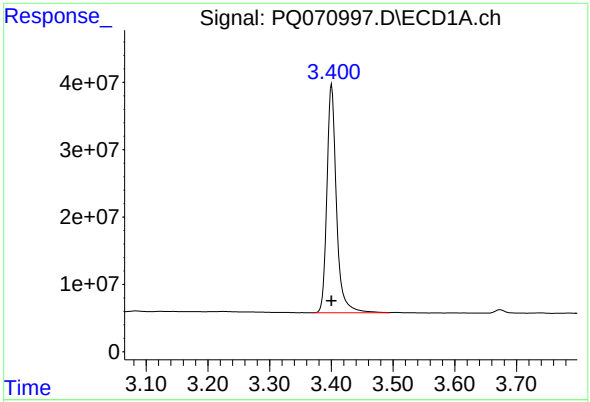
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

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



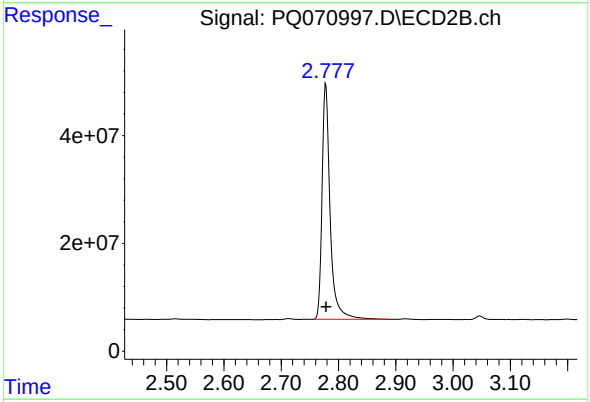




#1 Tetrachloro-m-xylene

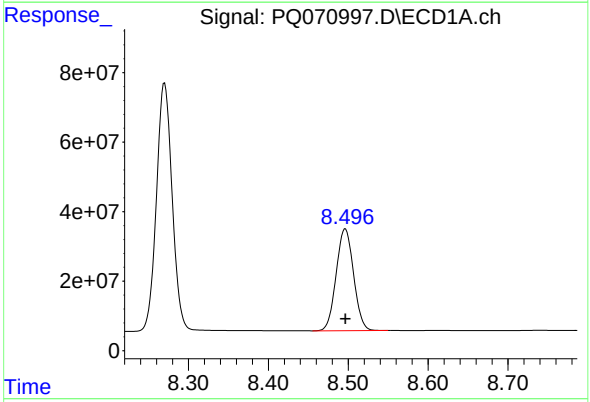
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 365345228
Conc: 75.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



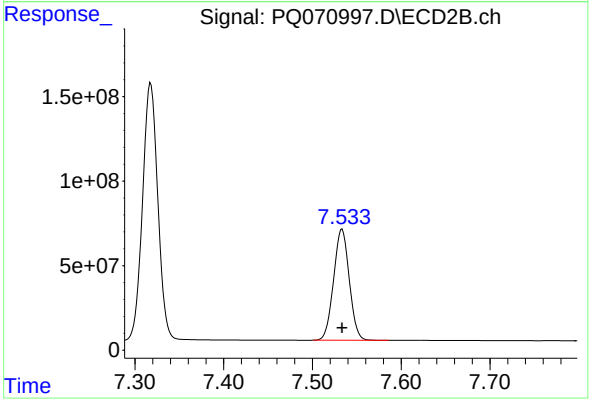
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 429738765
Conc: 75.64 ng/ml



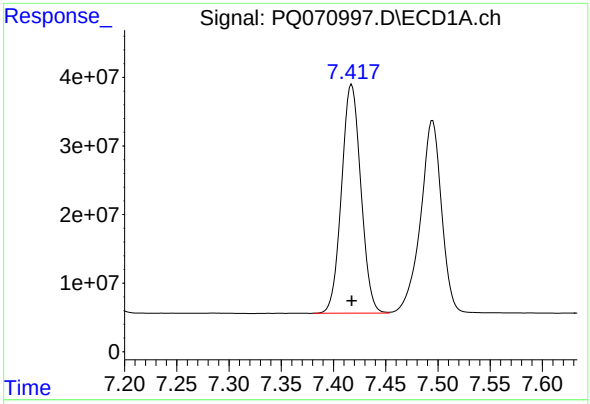
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 443523459
Conc: 75.14 ng/ml



#2 Decachlorobiphenyl

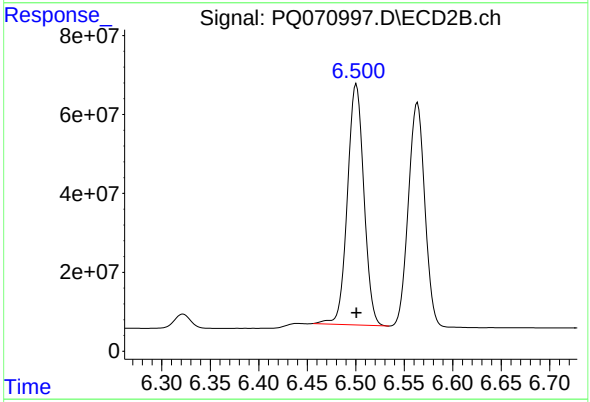
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 805246413
Conc: 75.31 ng/ml



#41 AR-1268-1

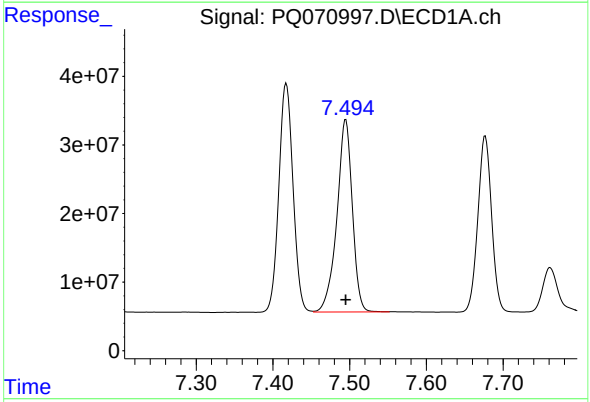
R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 429329141
Conc: 752.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



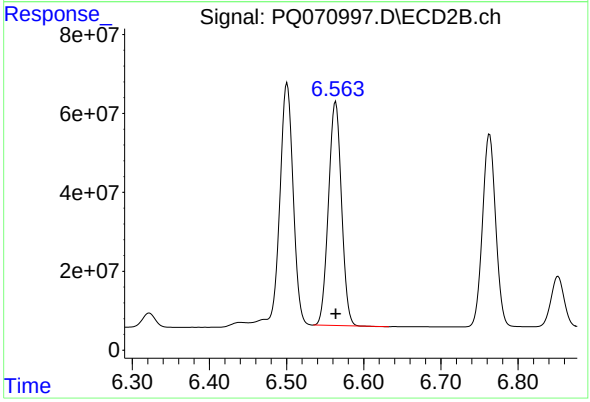
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 721284734
Conc: 754.79 ng/ml



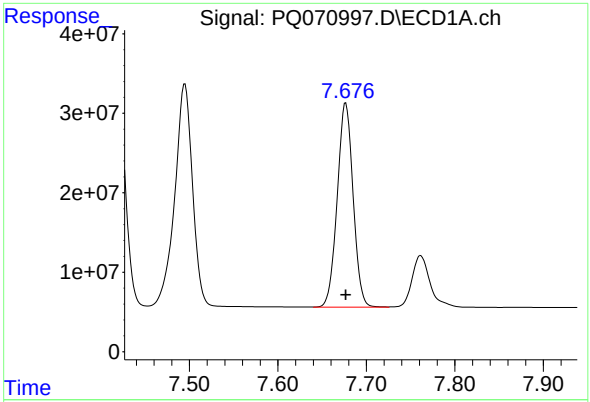
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 393043003
Conc: 751.78 ng/ml



#42 AR-1268-2

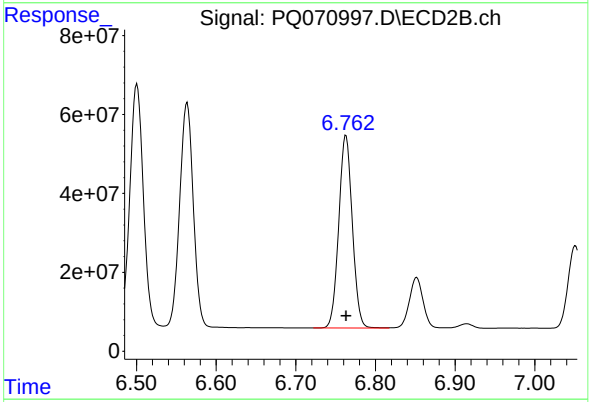
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 668369020
Conc: 756.47 ng/ml



#43 AR-1268-3

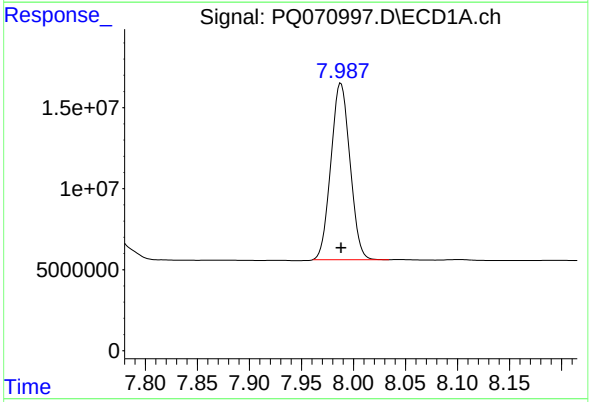
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 320649152
Conc: 751.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



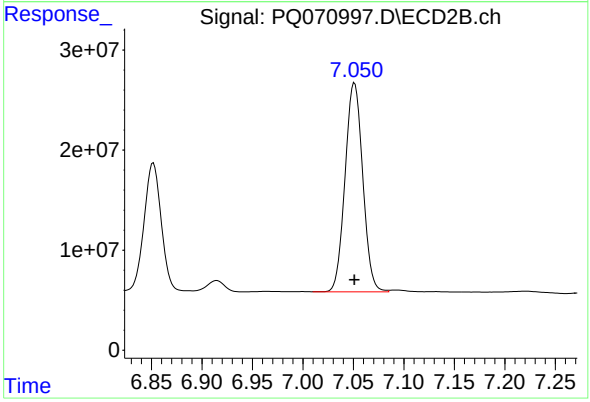
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 577309161
Conc: 754.53 ng/ml



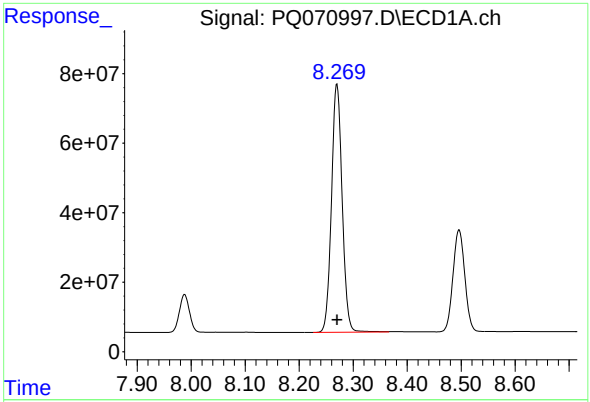
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 139148391
Conc: 752.79 ng/ml



#44 AR-1268-4

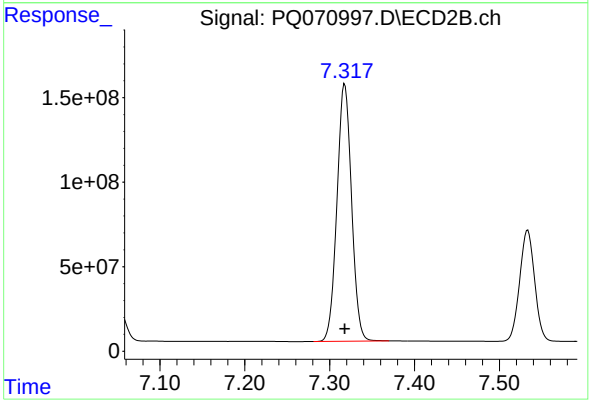
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 254605180
Conc: 752.33 ng/ml



#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)

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

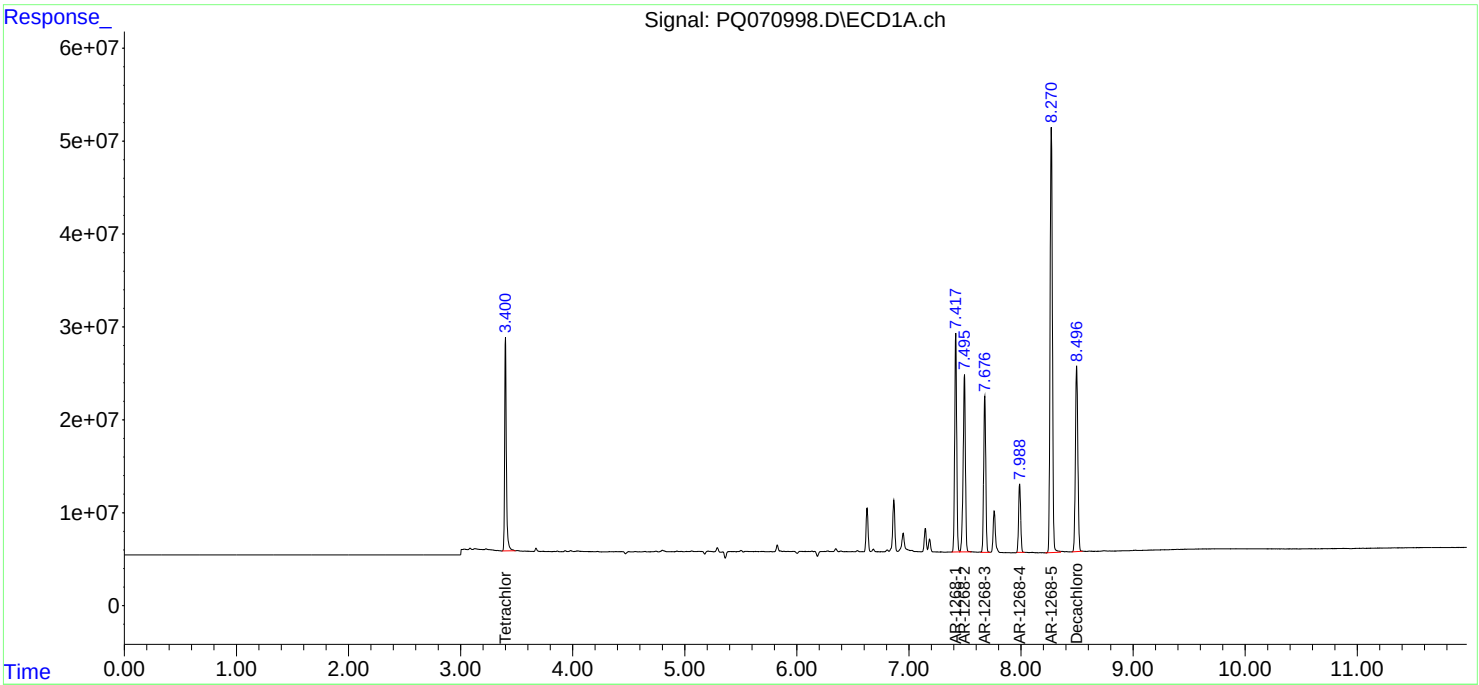
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

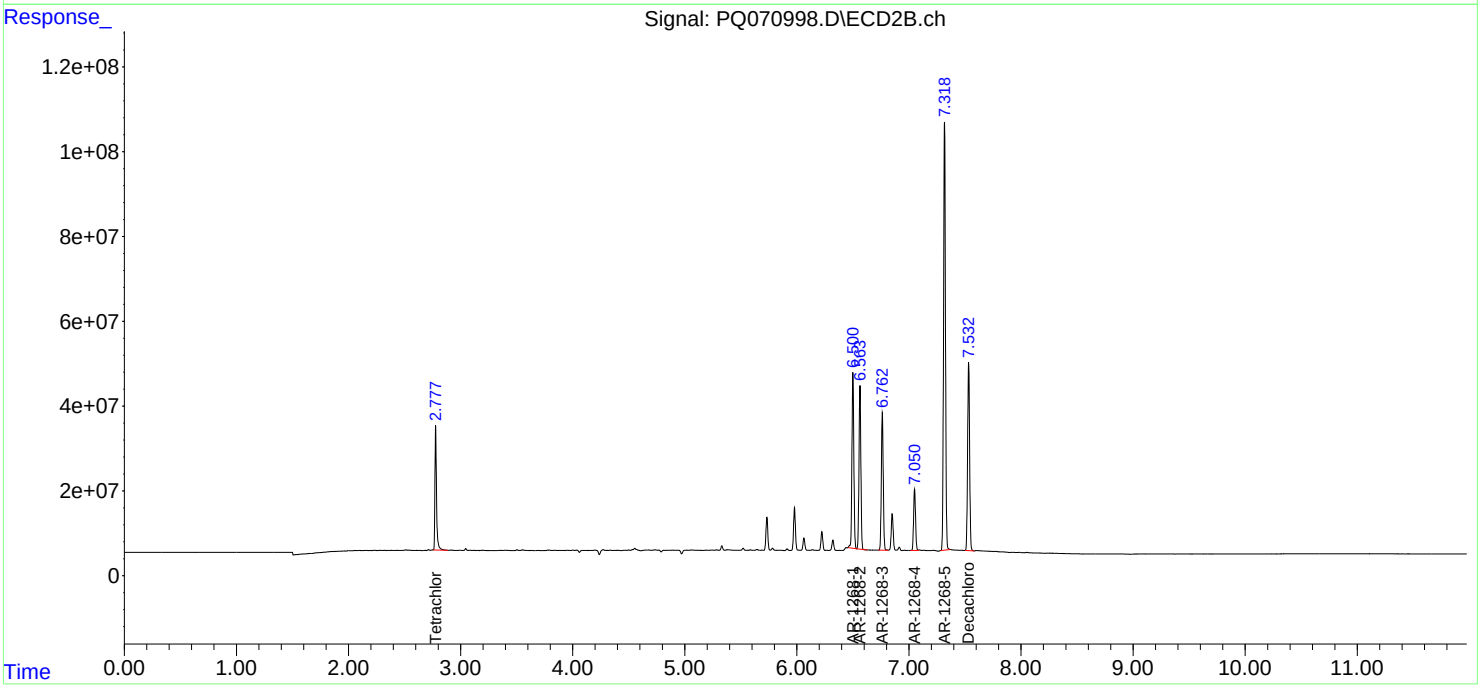
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:13
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

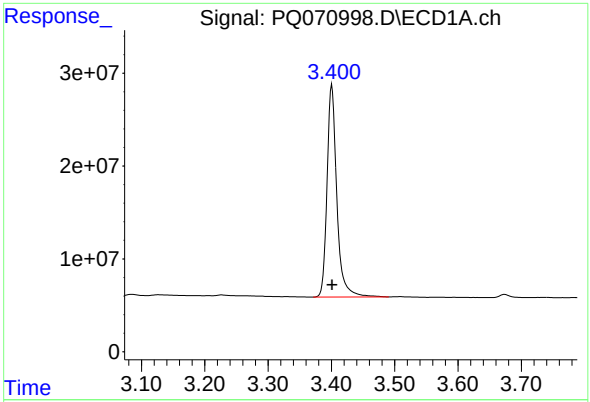
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

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



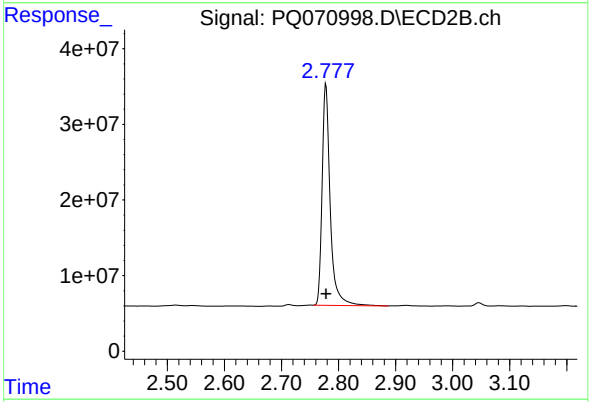




#1 Tetrachloro-m-xylene

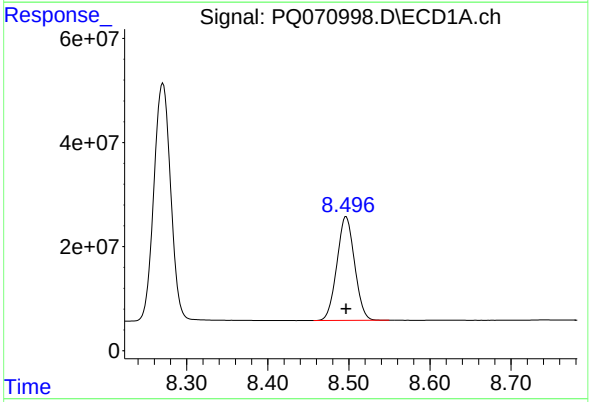
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 245811296
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



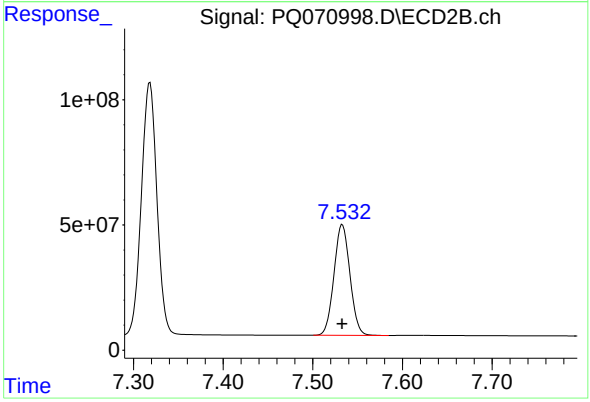
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286653182
Conc: 50.00 ng/ml



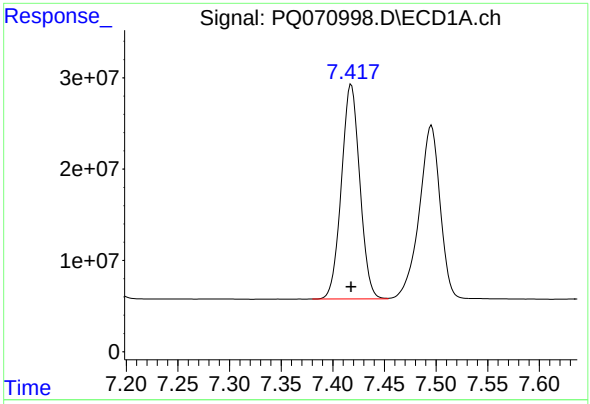
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 301868295
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

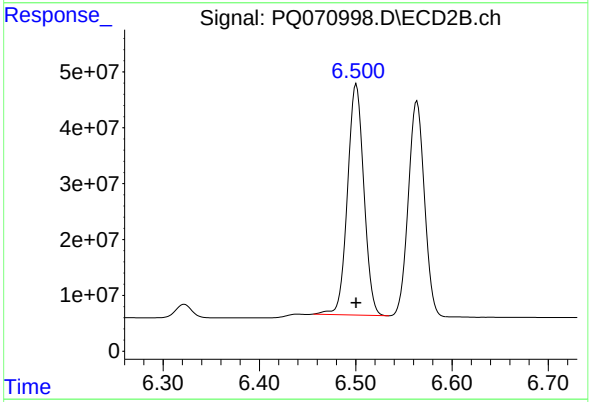
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 547076079
Conc: 50.00 ng/ml



#41 AR-1268-1

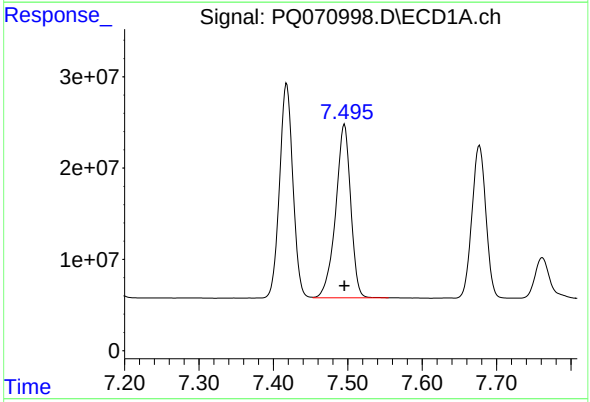
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 291682733
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



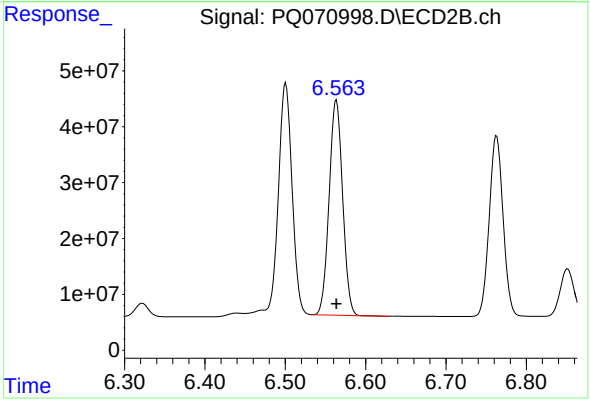
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 486826354
Conc: 500.00 ng/ml



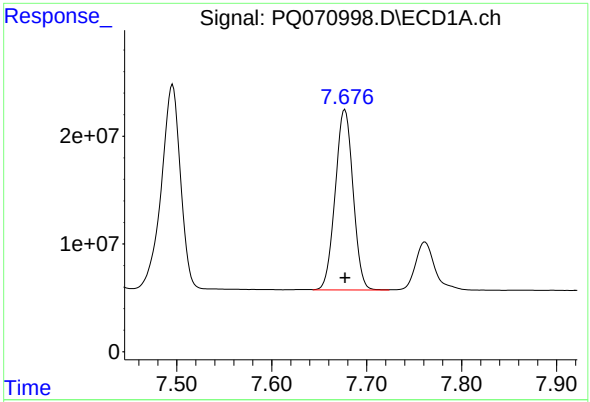
#42 AR-1268-2

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 267037614
Conc: 500.00 ng/ml



#42 AR-1268-2

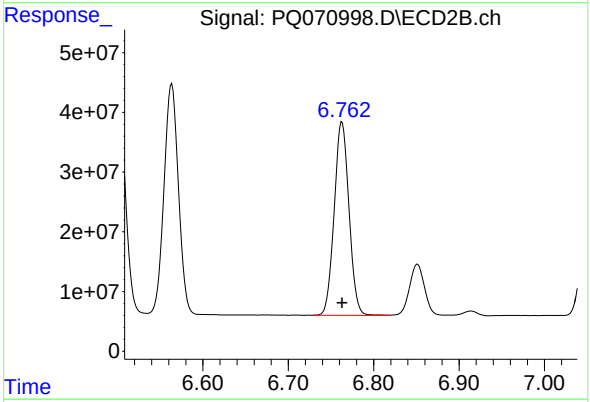
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 450297458
Conc: 500.00 ng/ml



#43 AR-1268-3

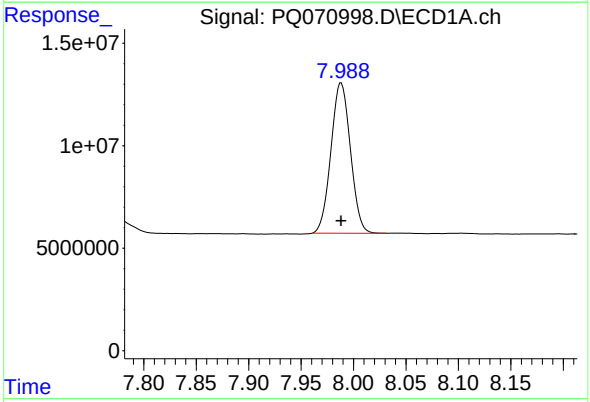
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 218323049
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



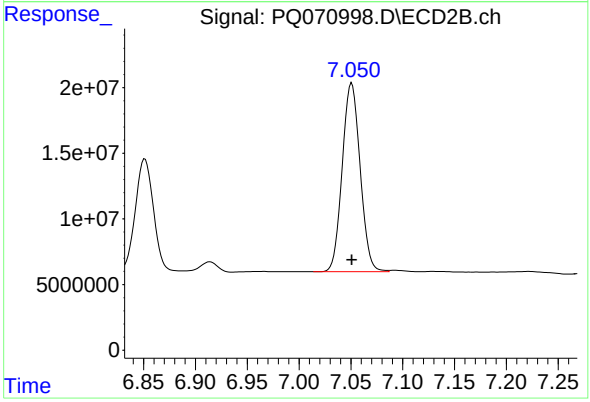
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 389807807
Conc: 500.00 ng/ml



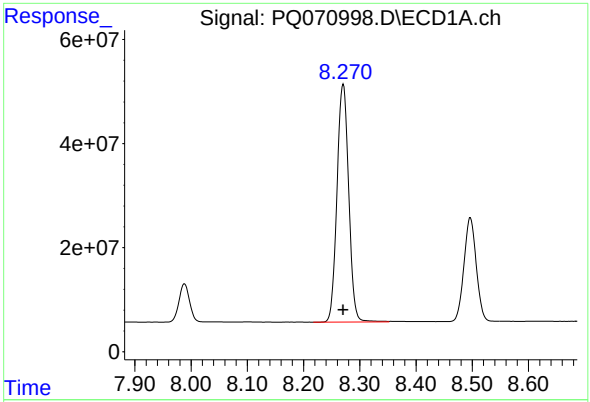
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 94812460
Conc: 500.00 ng/ml



#44 AR-1268-4

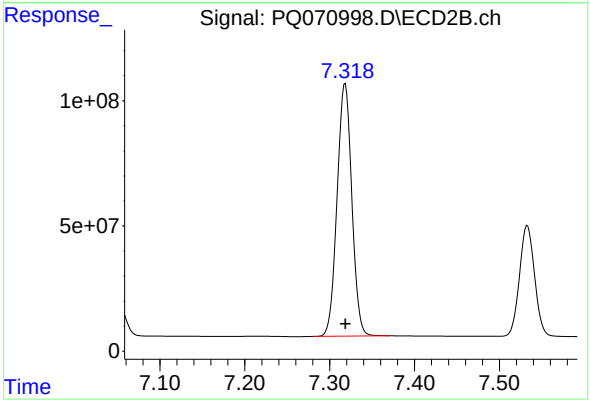
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 172818331
Conc: 500.00 ng/ml



#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)

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

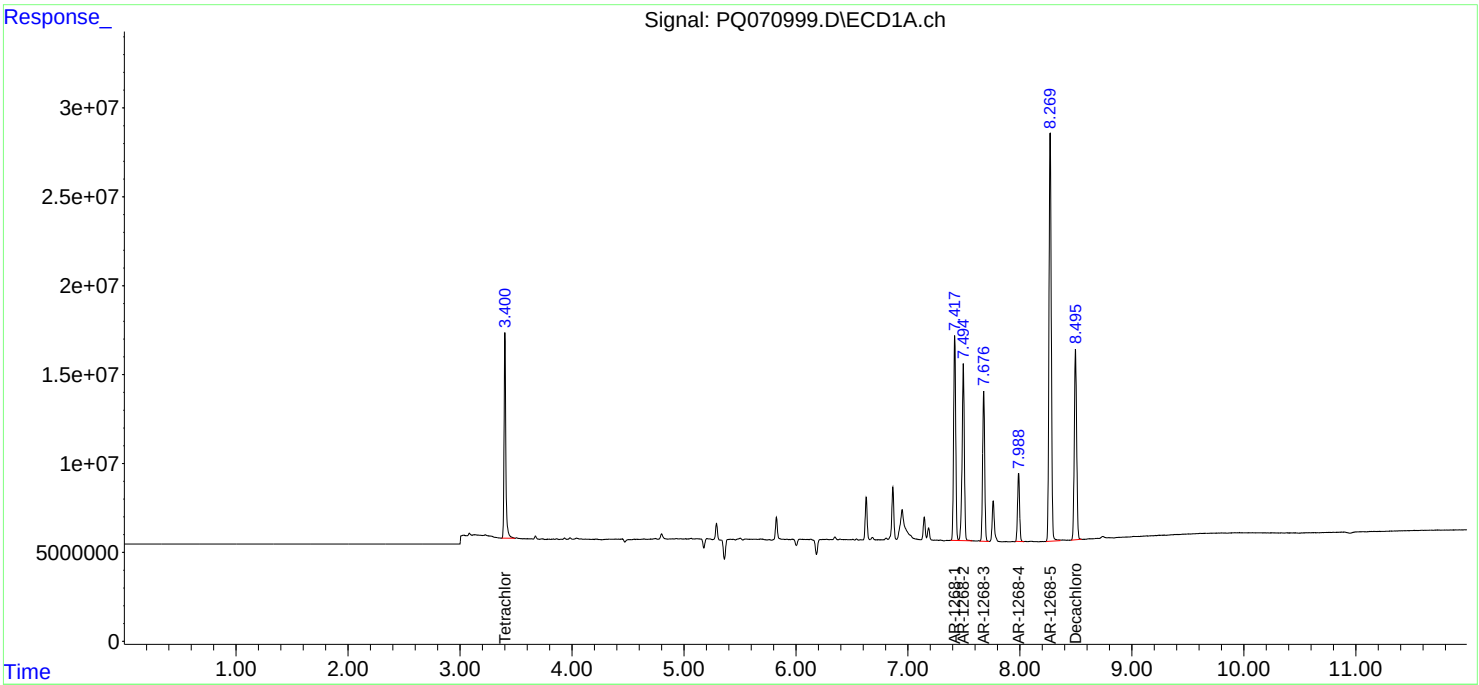
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

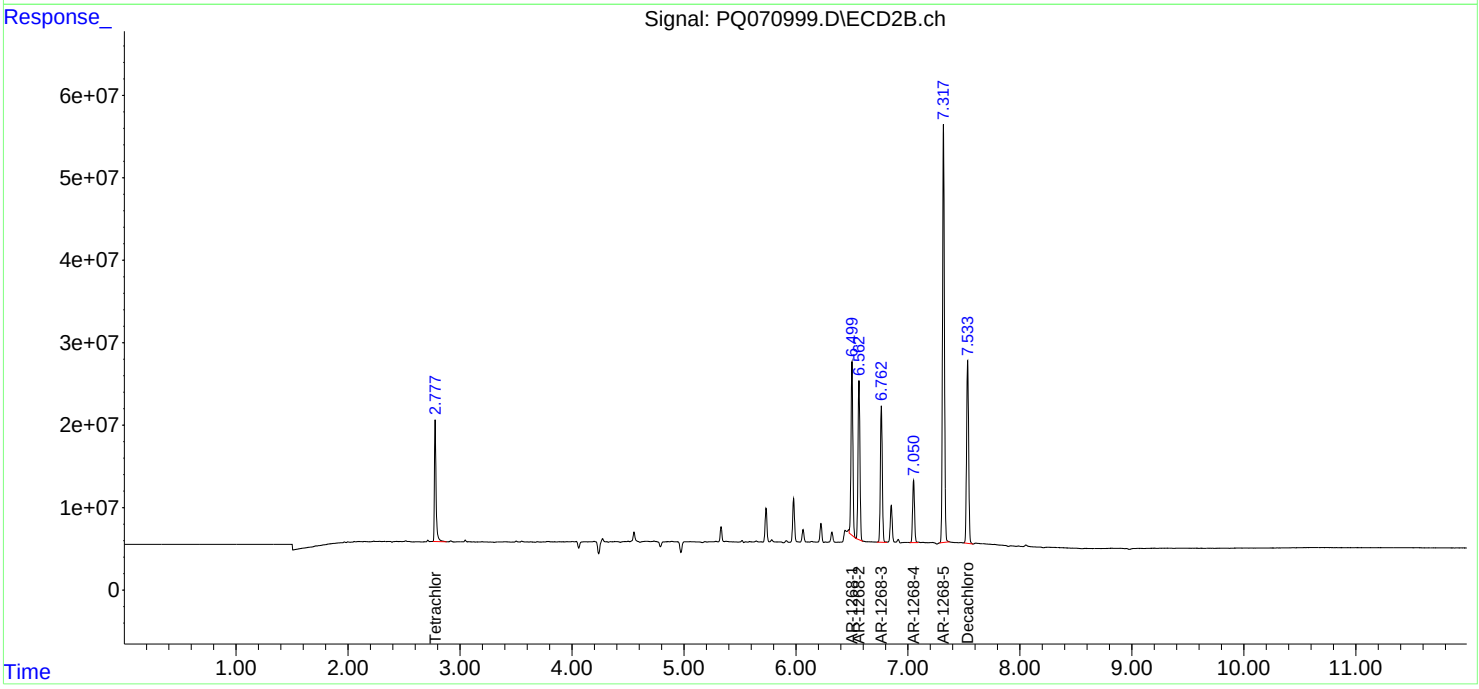
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:28
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

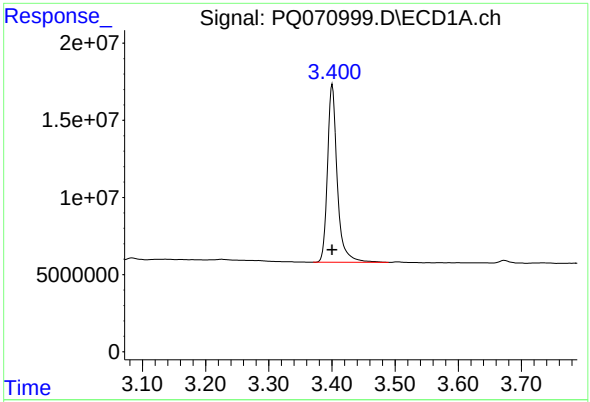
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

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



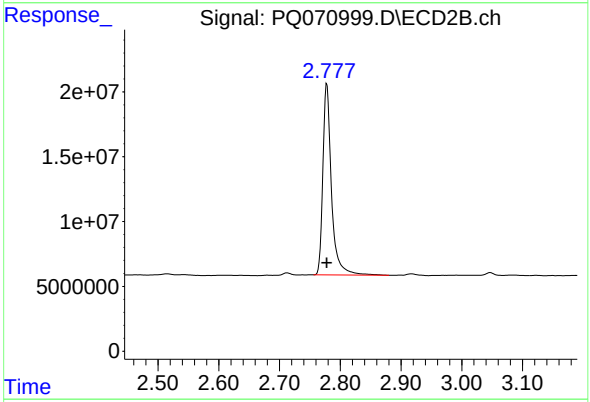




#1 Tetrachloro-m-xylene

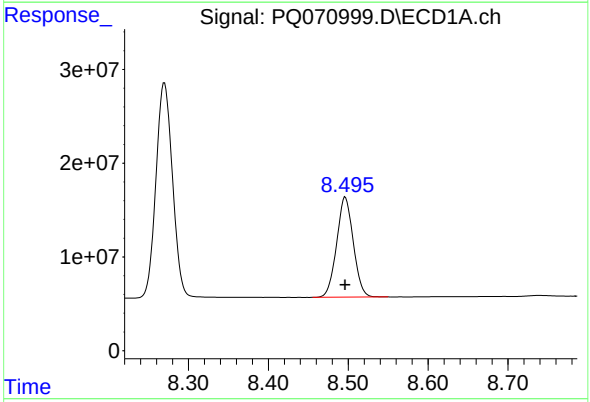
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 124113048
Conc: 25.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



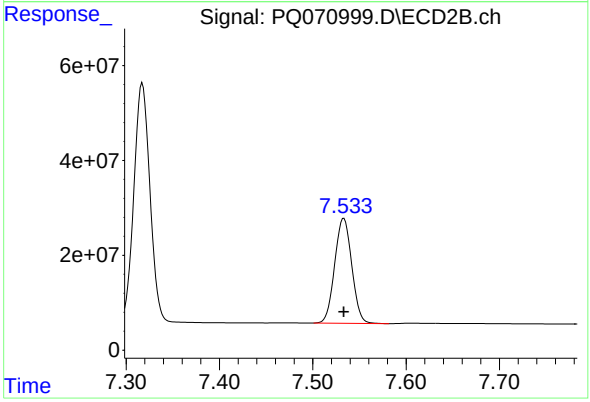
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 145711594
Conc: 25.48 ng/ml



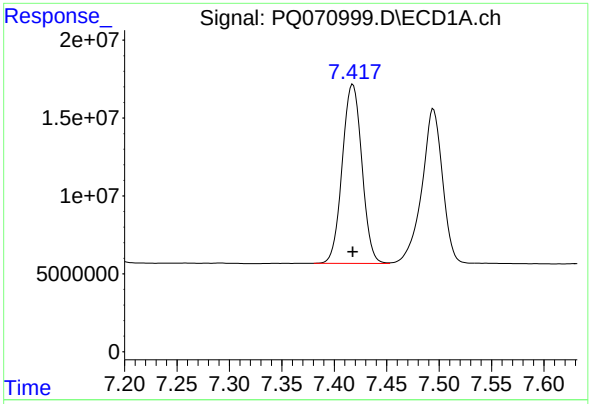
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 154811101
Conc: 25.91 ng/ml



#2 Decachlorobiphenyl

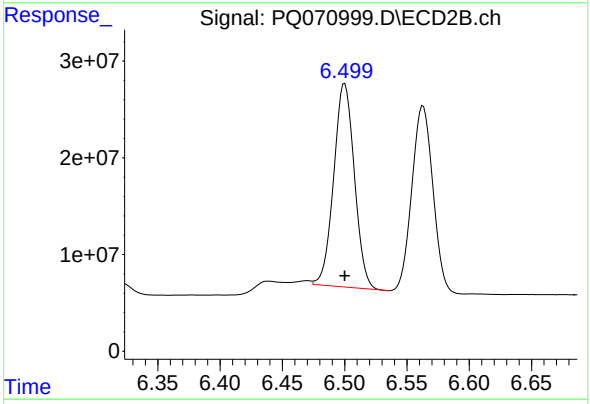
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 281733949
Conc: 26.00 ng/ml



#41 AR-1268-1

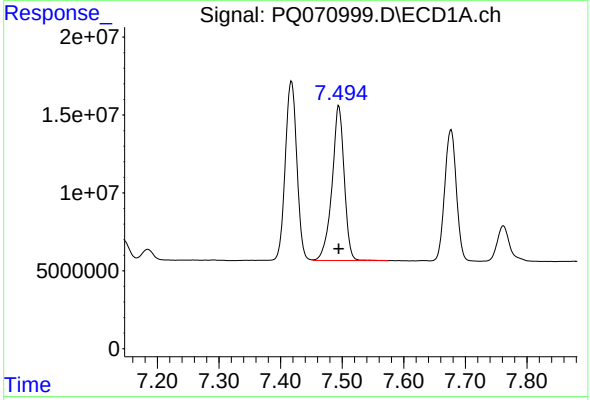
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 149503784
Conc: 258.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



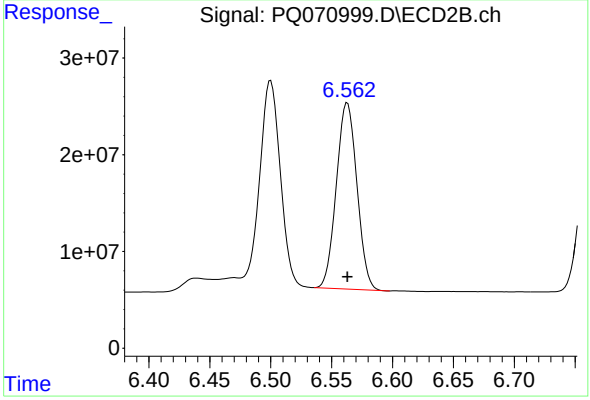
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 243605830
Conc: 253.67 ng/ml



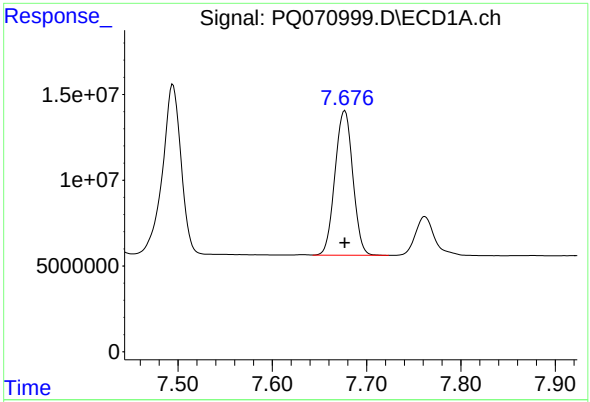
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 136525117
Conc: 258.26 ng/ml



#42 AR-1268-2

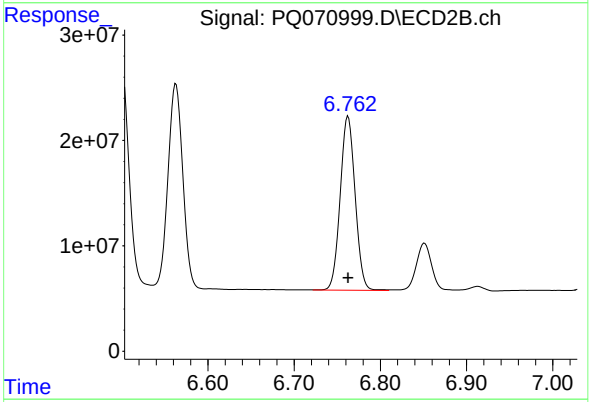
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 226675271
Conc: 254.88 ng/ml



#43 AR-1268-3

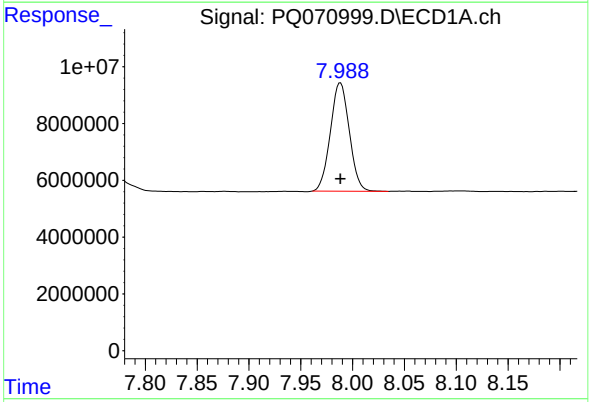
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 110831298
Conc: 257.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



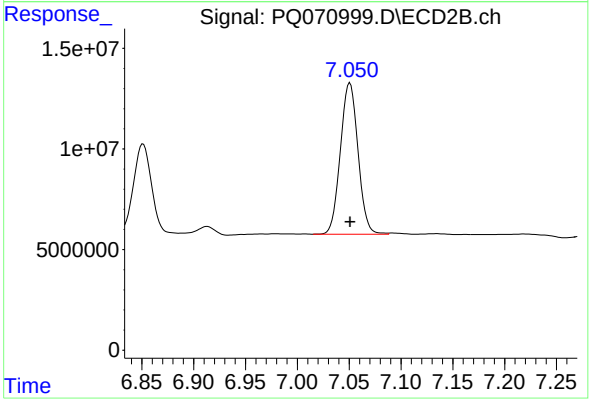
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 197955027
Conc: 256.49 ng/ml



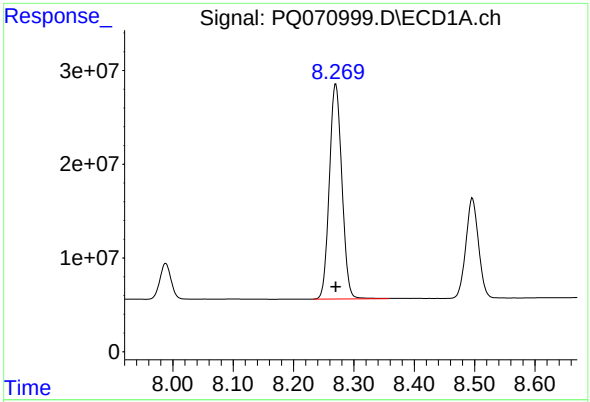
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 48417432
Conc: 258.85 ng/ml



#44 AR-1268-4

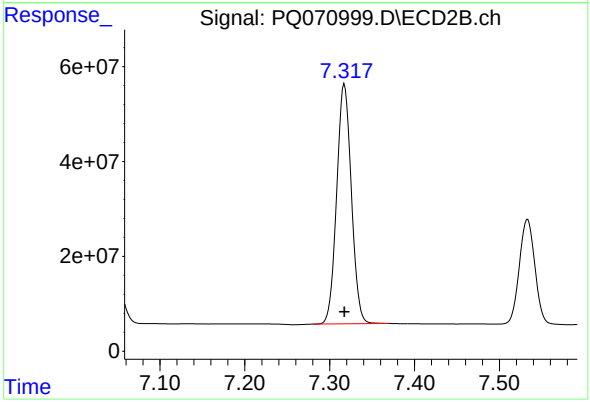
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 89098499
Conc: 259.83 ng/ml



#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)

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

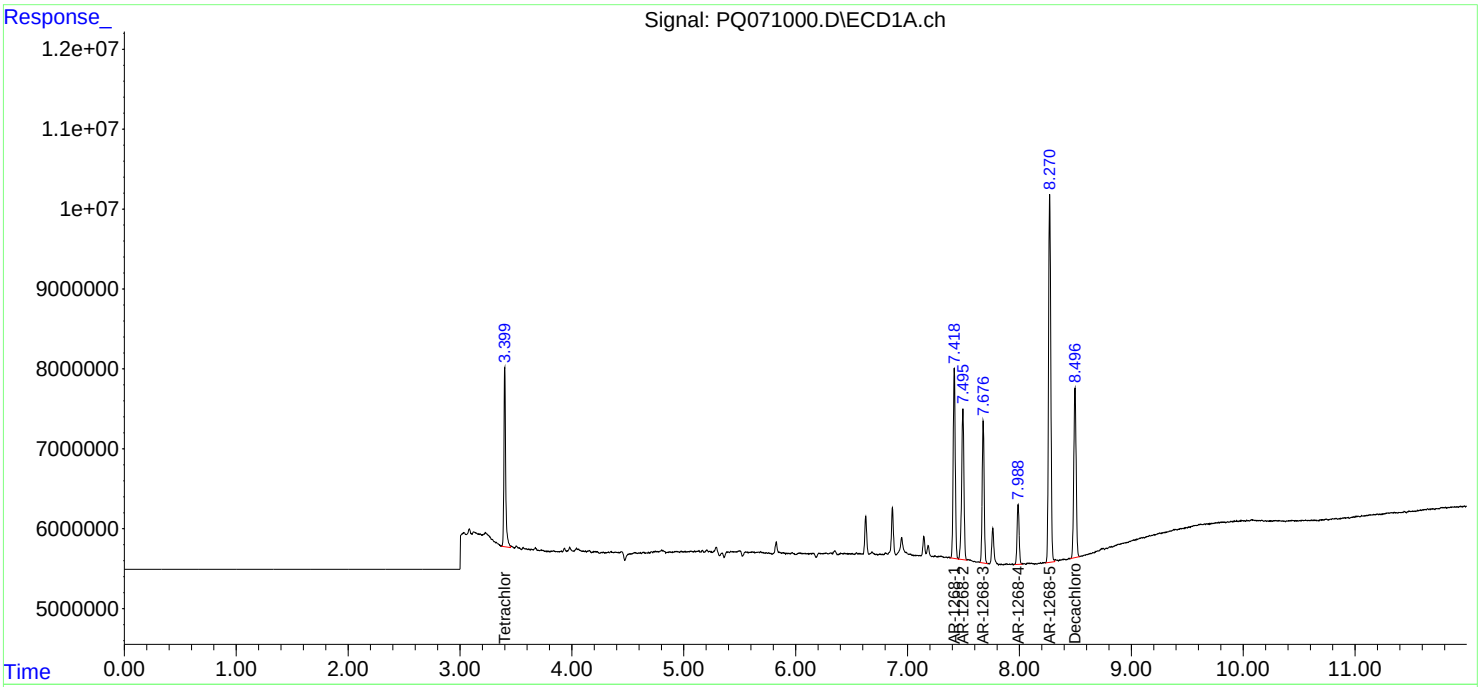
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

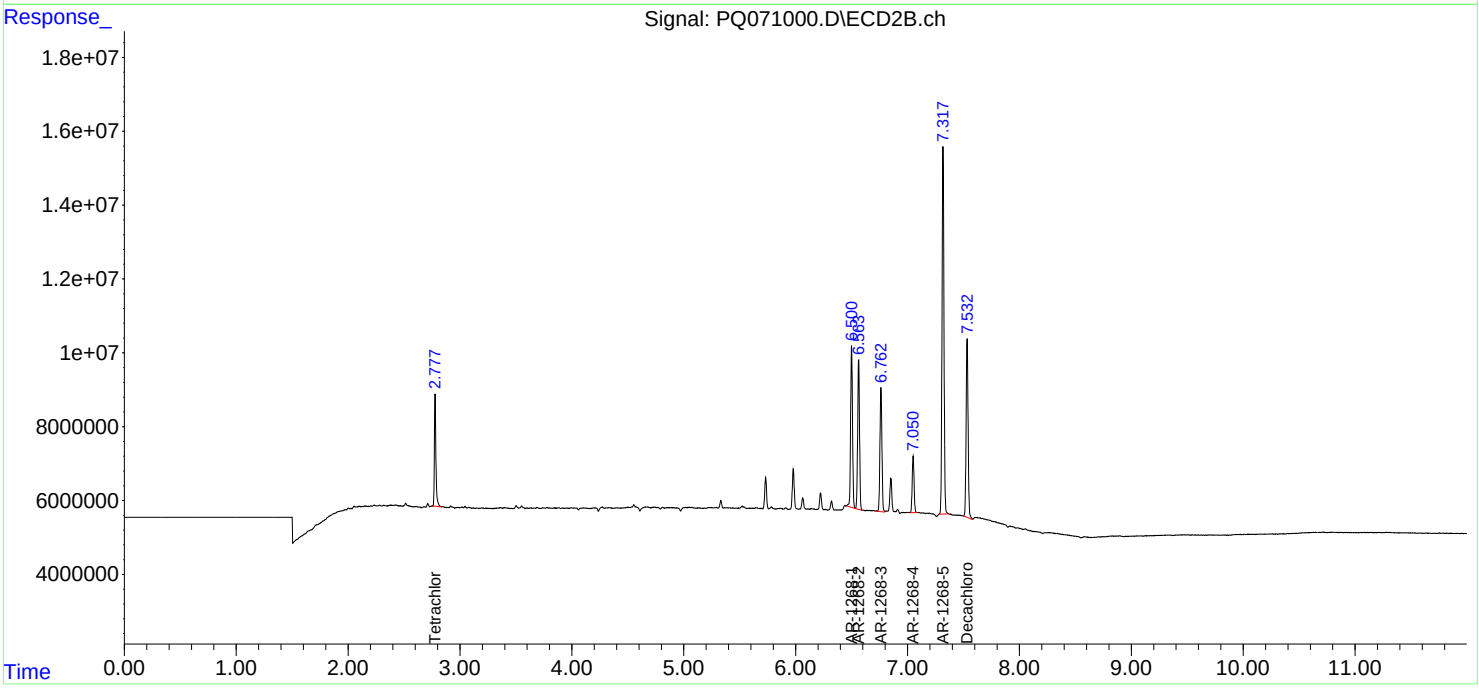
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:43
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

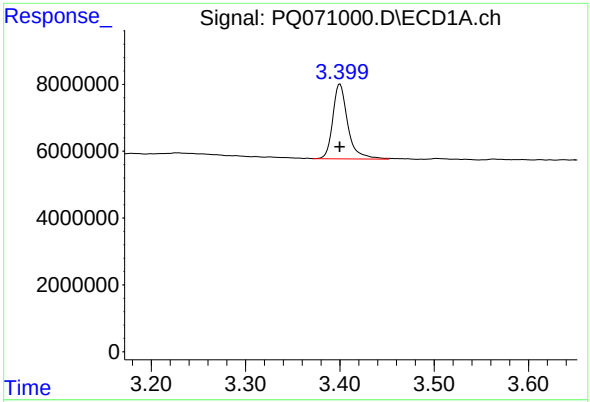
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

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



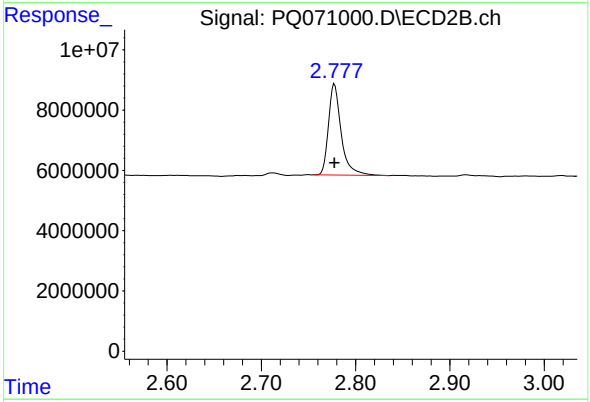




#1 Tetrachloro-m-xylene

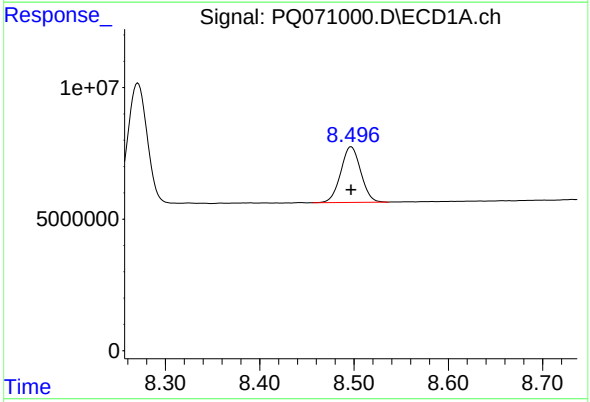
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 24662420
Conc: 5.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



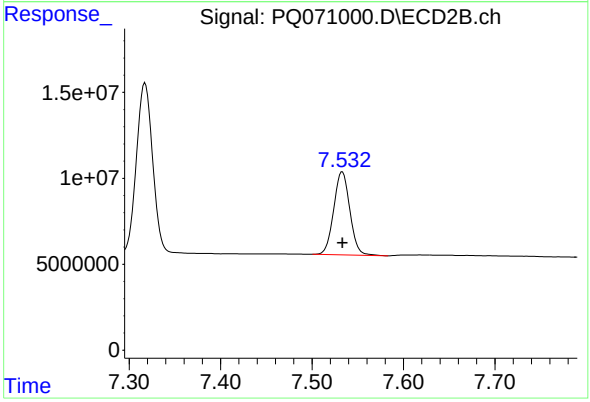
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 28347182
Conc: 4.97 ng/ml



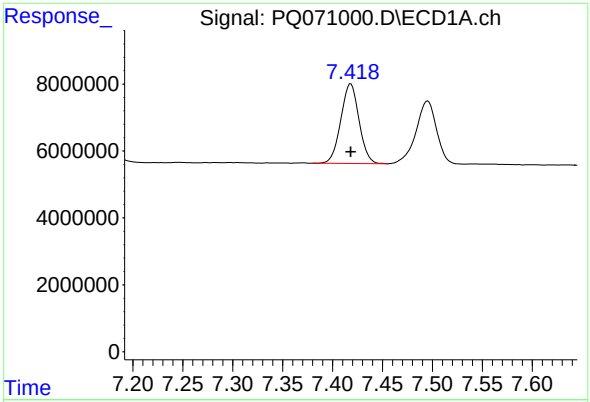
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 31115212
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

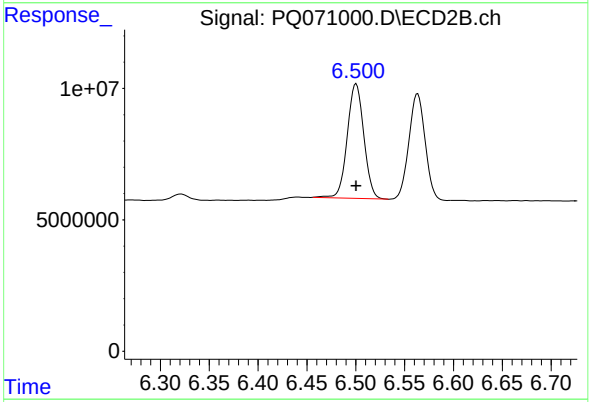
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 59480232
Conc: 5.38 ng/ml



#41 AR-1268-1

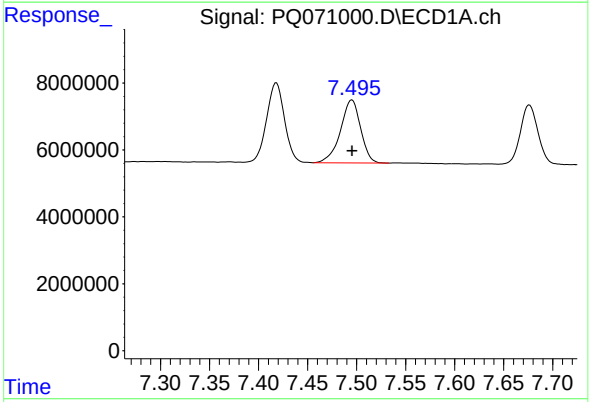
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 30187398
Conc: 51.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



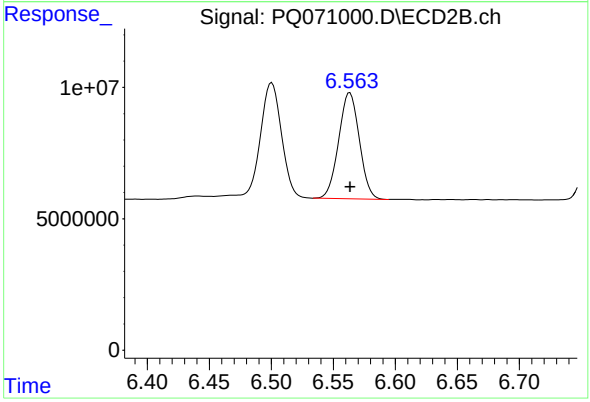
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 51549310
Conc: 52.90 ng/ml



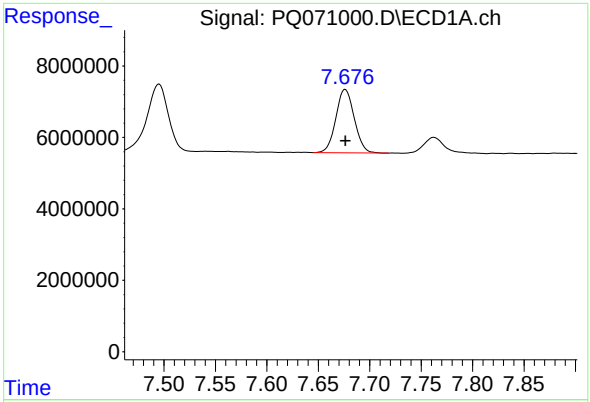
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 26994207
Conc: 50.85 ng/ml



#42 AR-1268-2

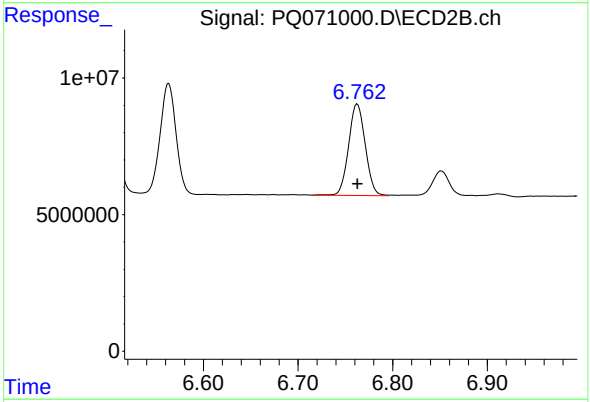
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 46812925
Conc: 52.09 ng/ml



#43 AR-1268-3

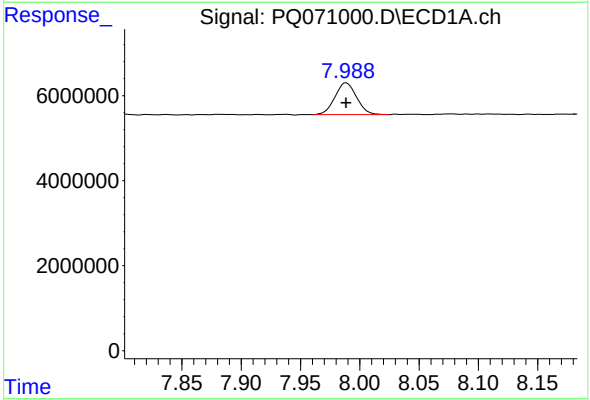
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 22122982
Conc: 51.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



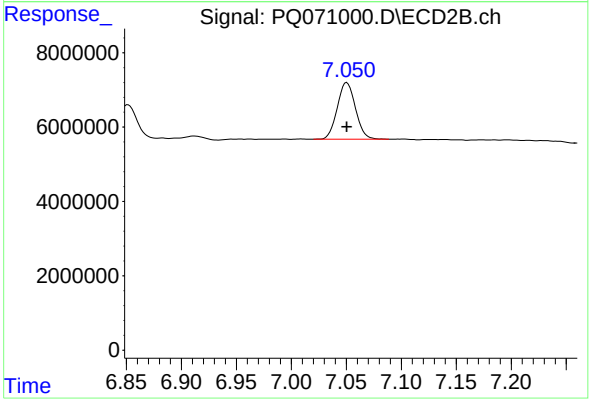
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 41071128
Conc: 52.54 ng/ml



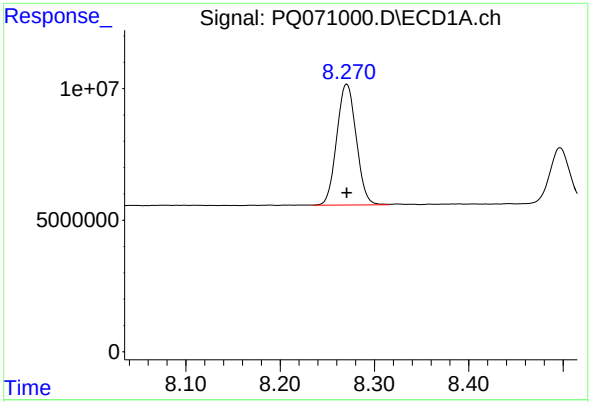
#44 AR-1268-4

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 9507758
Conc: 50.66 ng/ml



#44 AR-1268-4

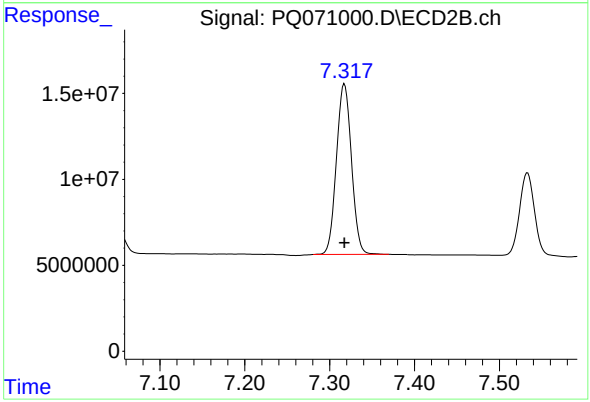
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 17547775
Conc: 50.93 ng/ml



#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)

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.

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

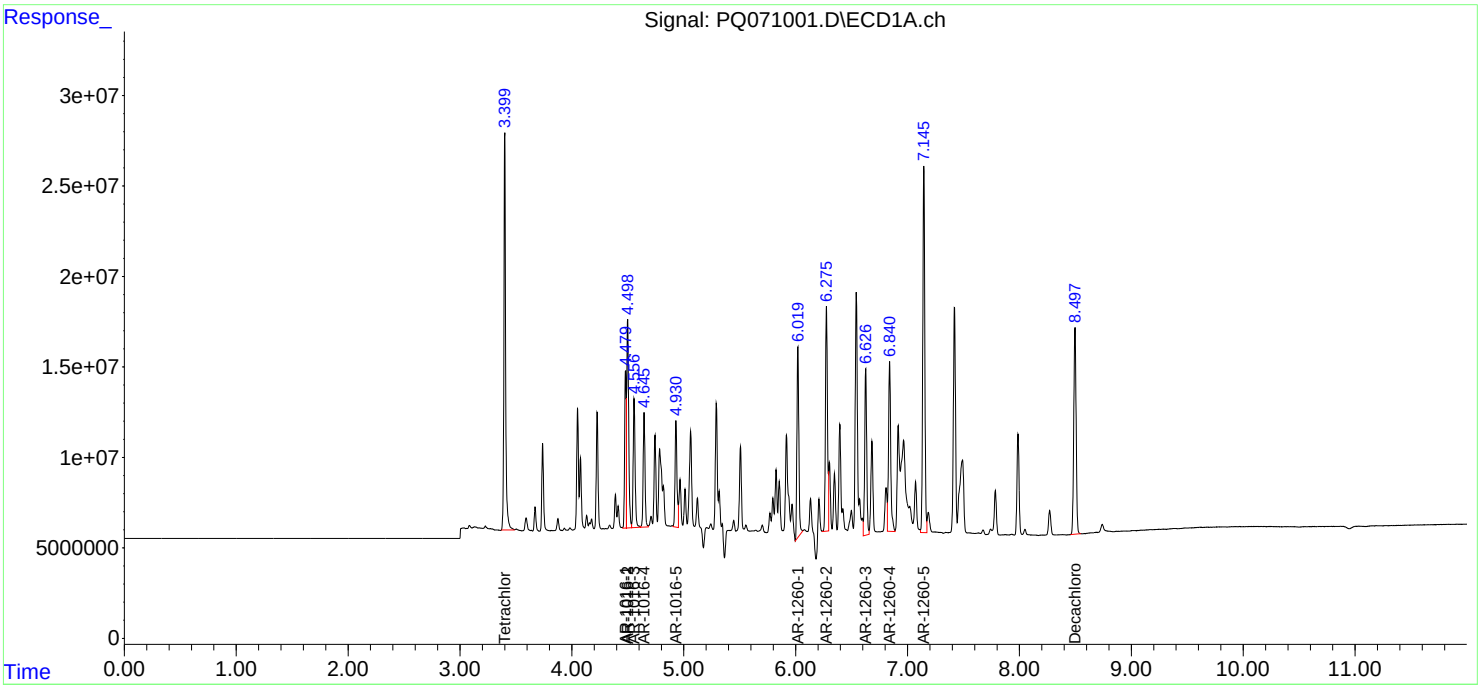
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

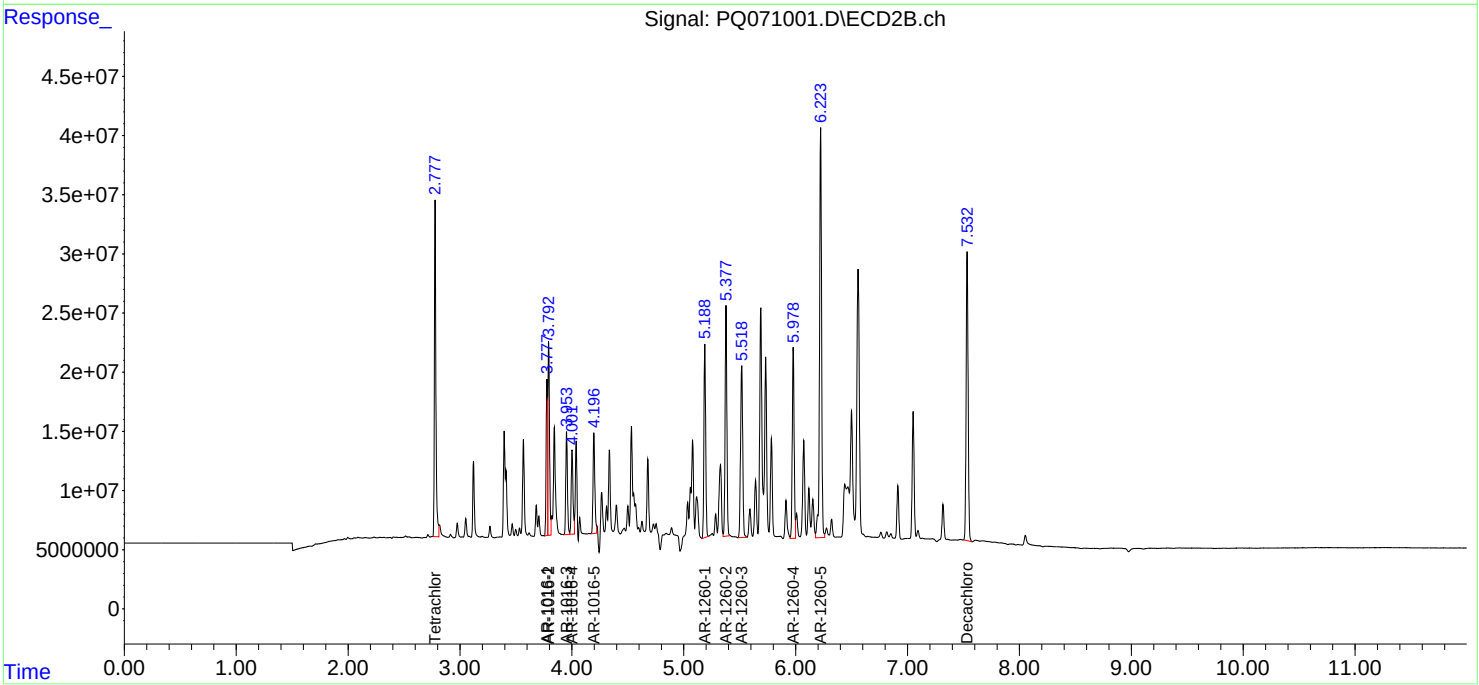
Manual Integrations APPROVED

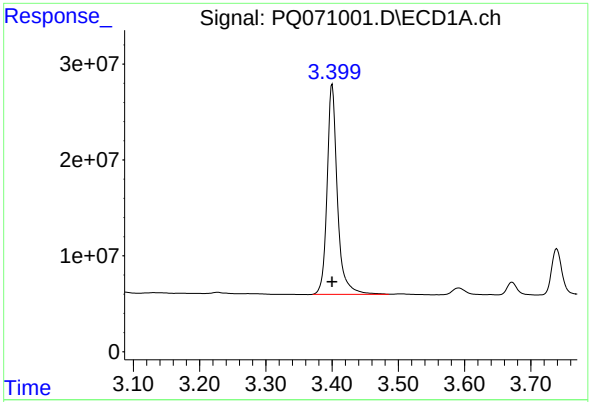
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

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







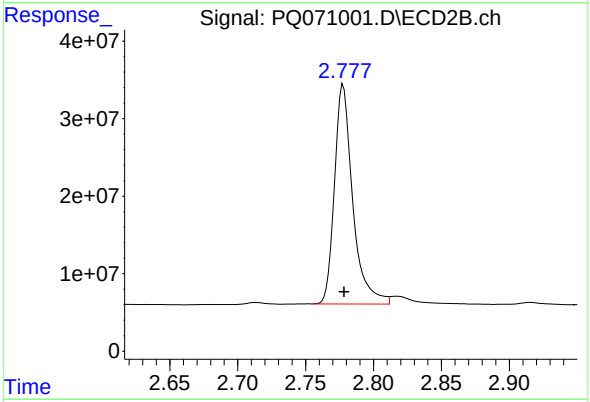
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 237342010
Conc: 54.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

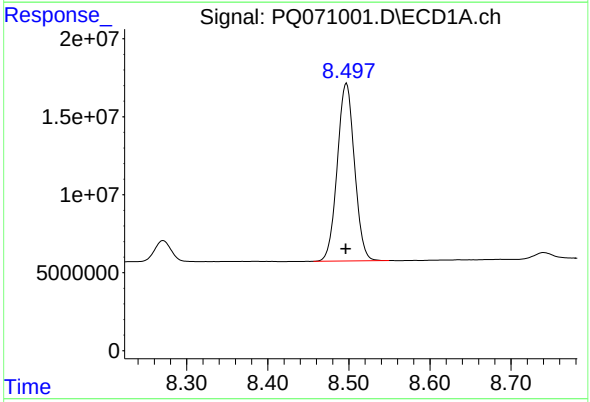
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



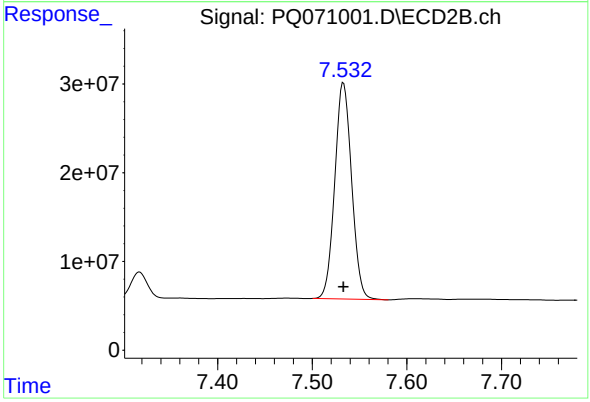
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 265088435
Conc: 52.18 ng/ml



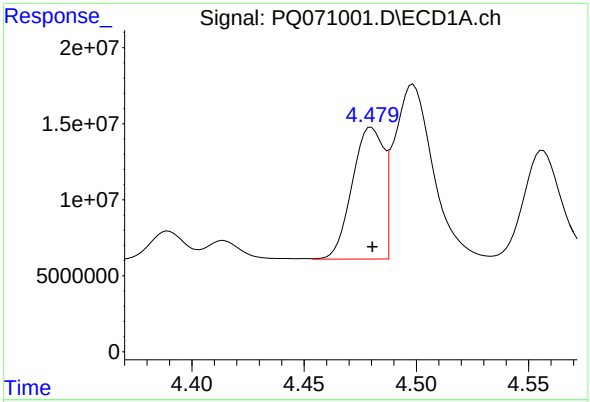
#2 Decachlorobiphenyl

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



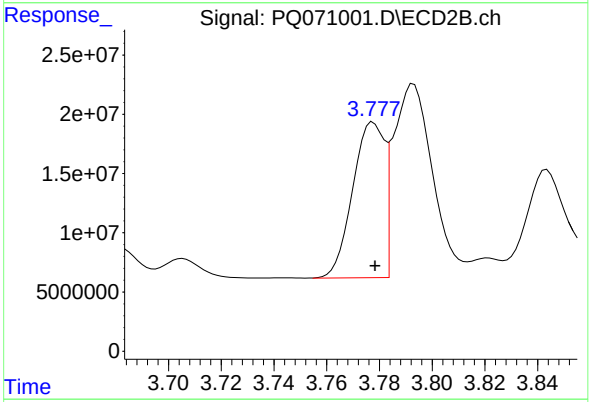
#3 AR-1016-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 84536347
Conc: 515.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

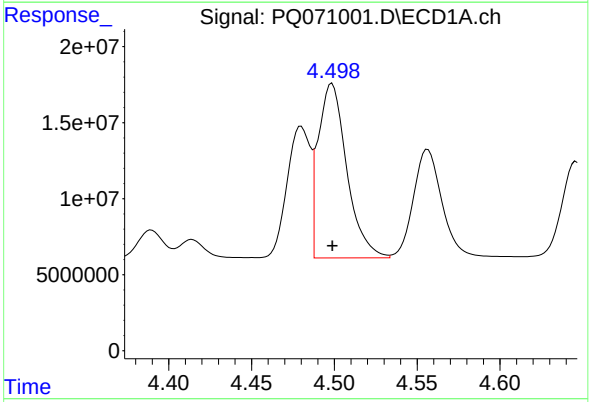
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



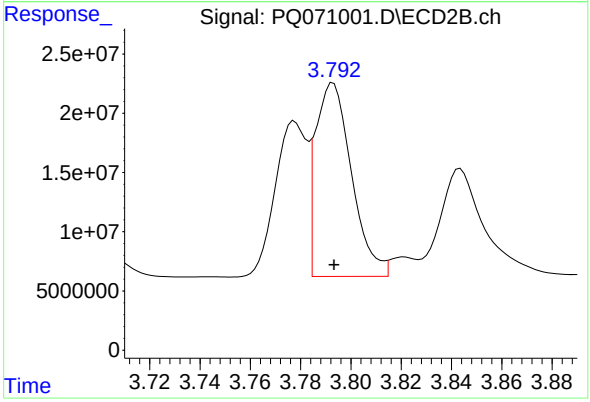
#3 AR-1016-1

R.T.: 3.777 min
Delta R.T.: -0.001 min
Response: 121697010
Conc: 543.29 ng/ml m



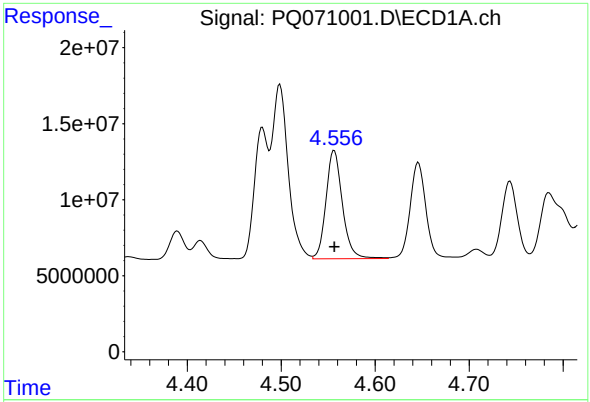
#4 AR-1016-2

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



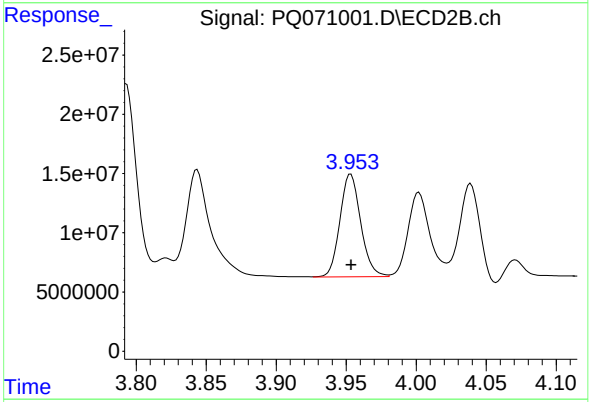
#5 AR-1016-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 86370882
Conc: 542.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

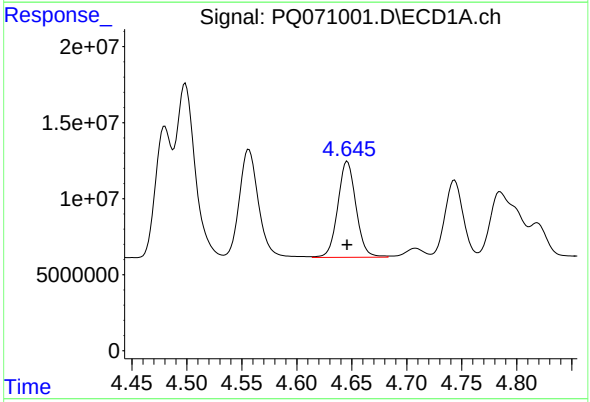
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



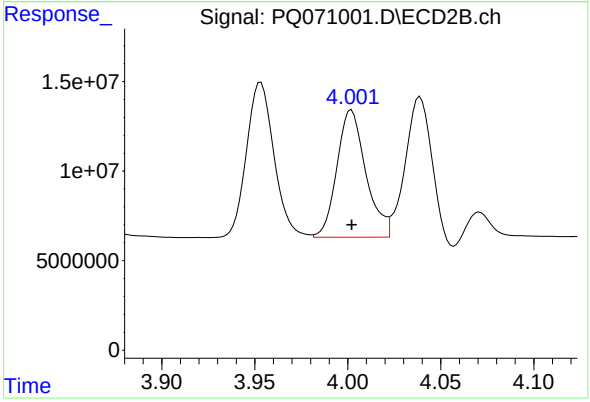
#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 89605925
Conc: 492.72 ng/ml m



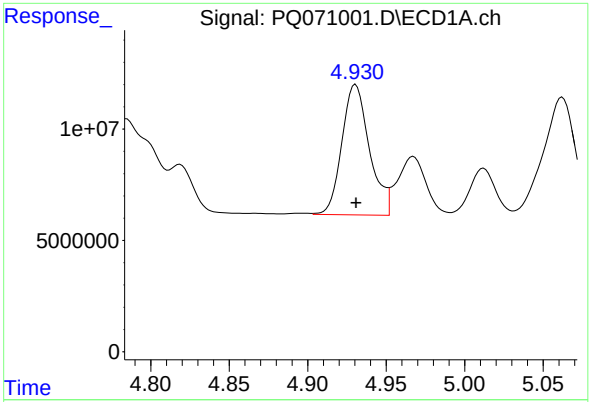
#6 AR-1016-4

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



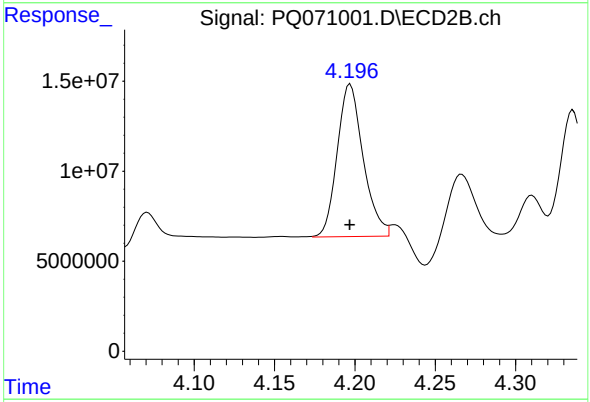
#7 AR-1016-5

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 71678763
Conc: 556.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

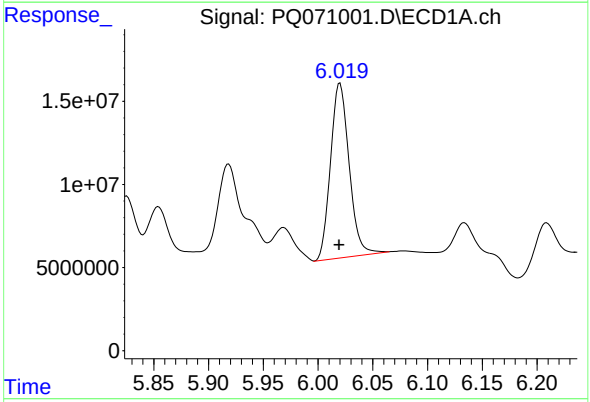
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



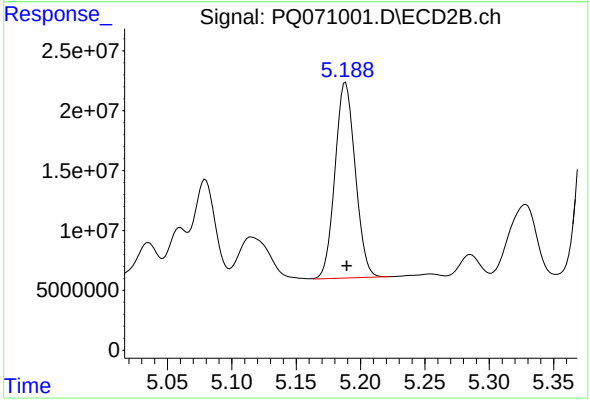
#7 AR-1016-5

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 95334887
Conc: 496.95 ng/ml m



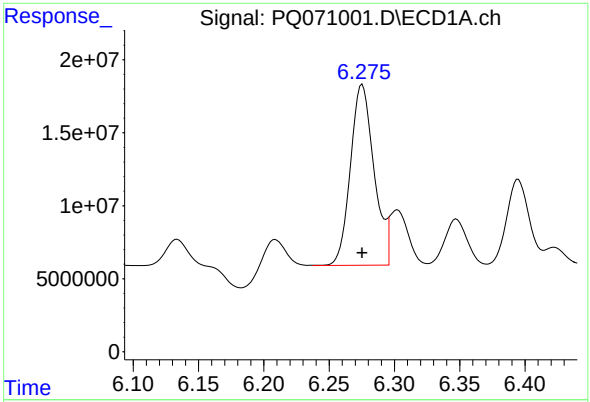
#31 AR-1260-1

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



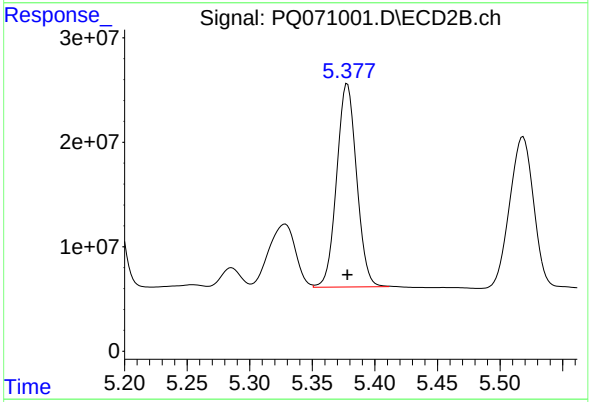
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 157664225
Conc: 569.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

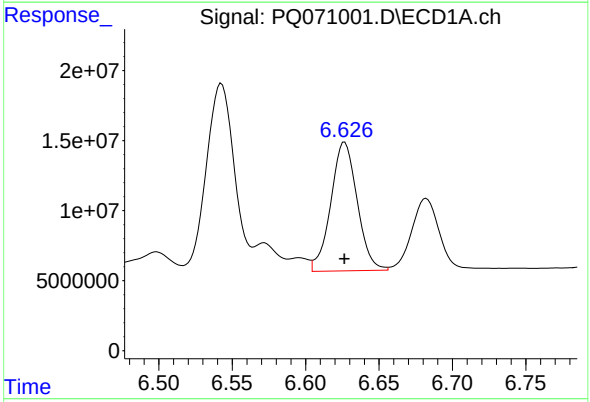
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



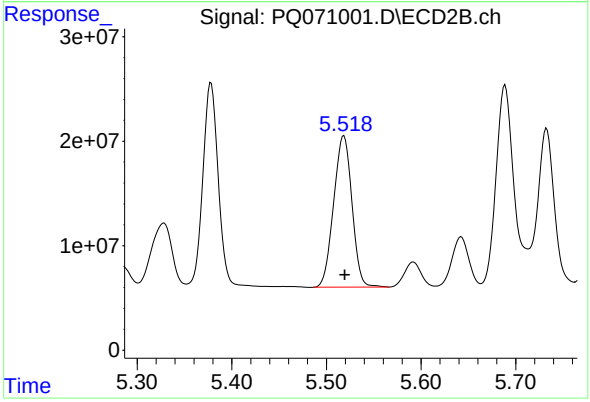
#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 216382734
Conc: 491.79 ng/ml m



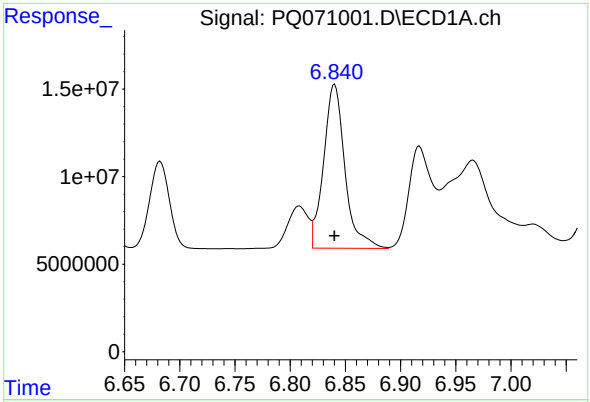
#33 AR-1260-3

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



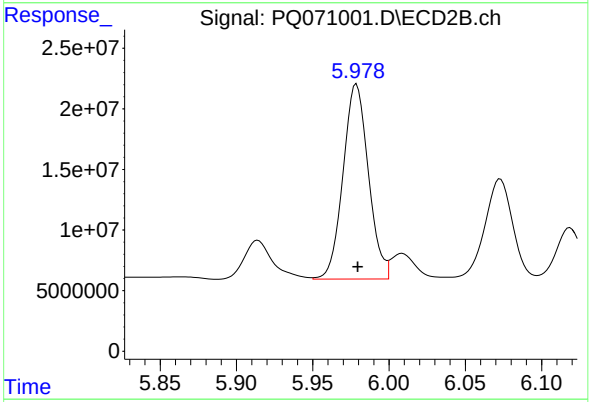
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 126086390
Conc: 586.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

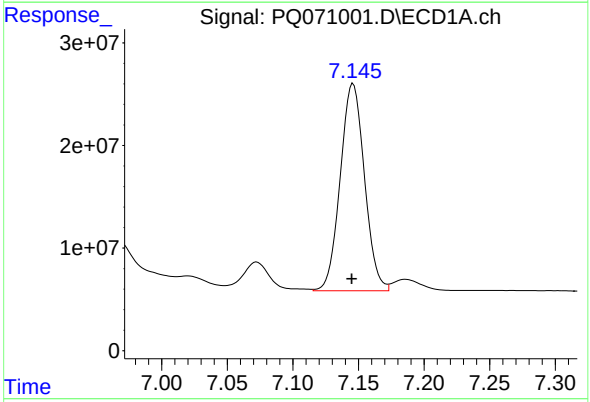
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



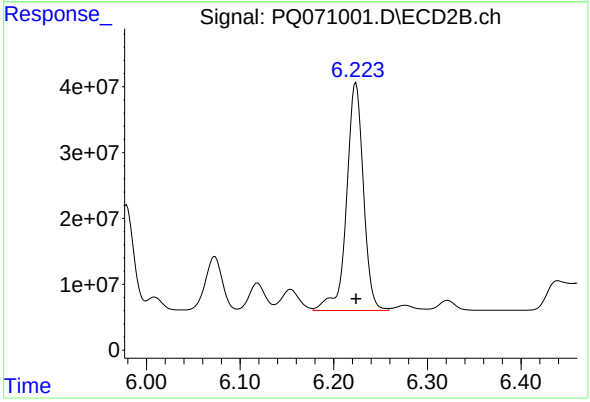
#34 AR-1260-4

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

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.

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

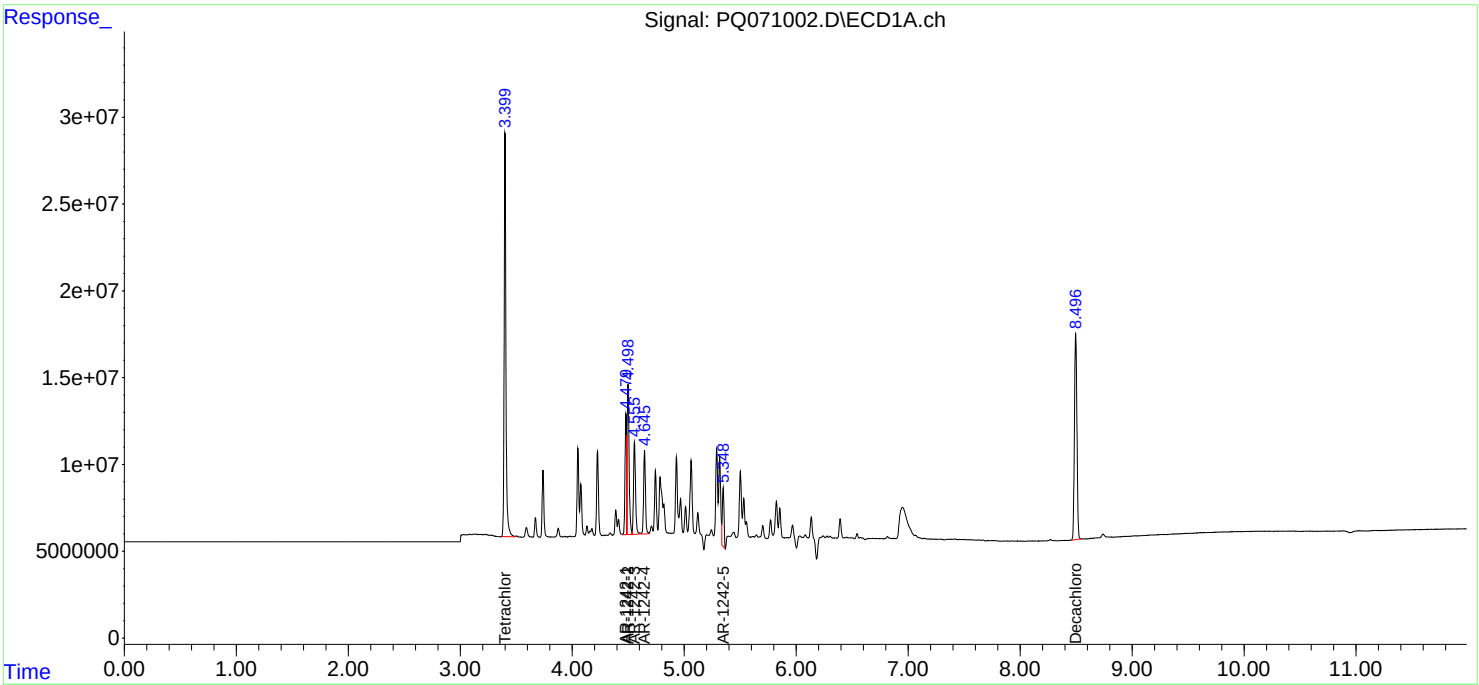
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

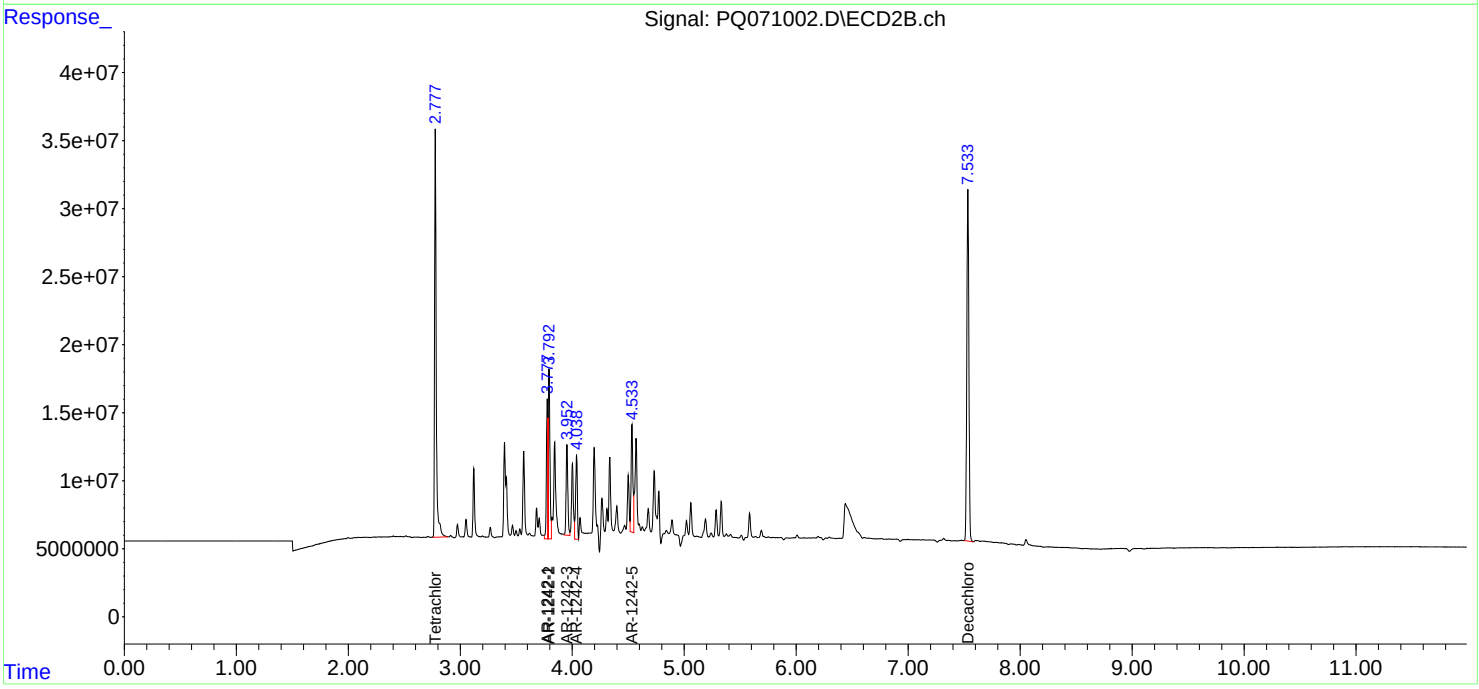
Manual Integrations APPROVED

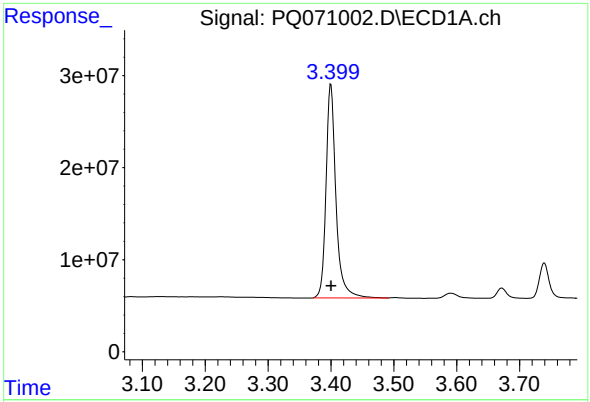
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

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







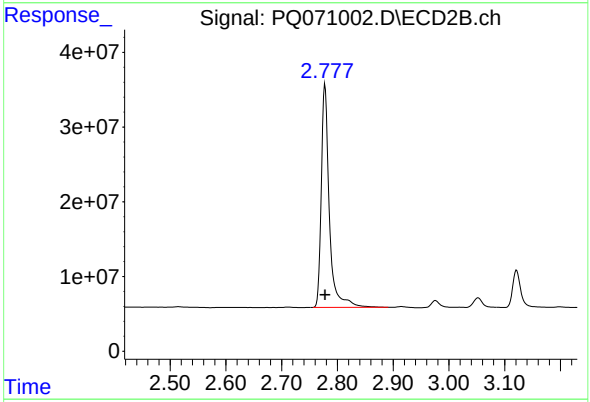
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 255633420
Conc: 55.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

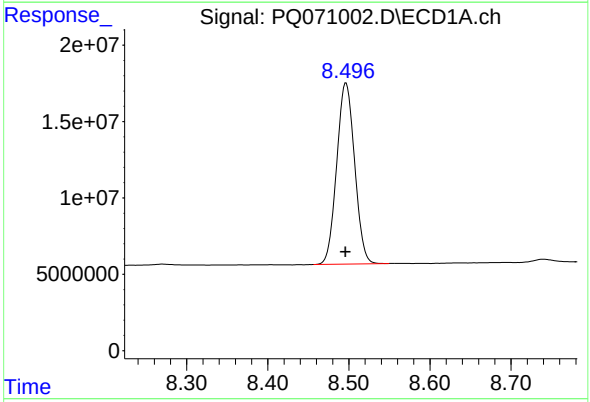
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



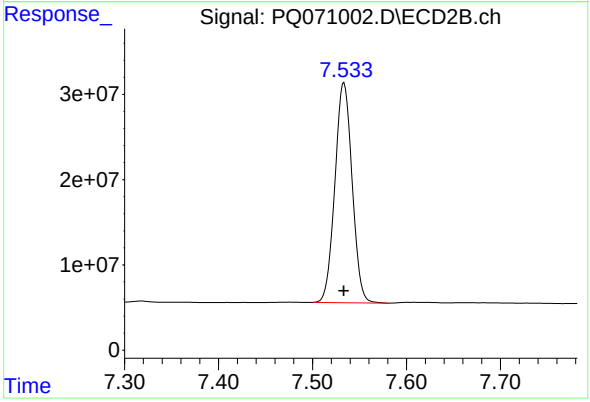
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 301010208
Conc: 54.08 ng/ml



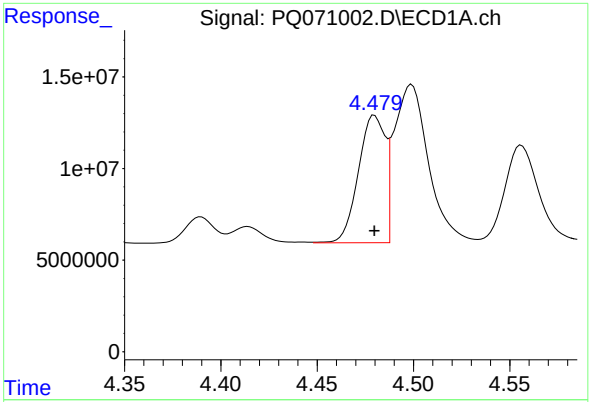
#2 Decachlorobiphenyl

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



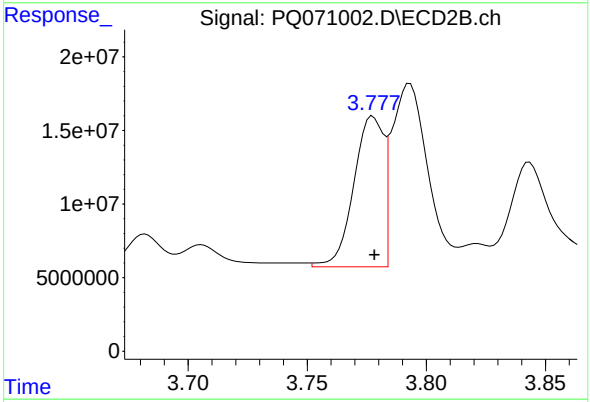
#16 AR-1242-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 67446984
Conc: 567.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

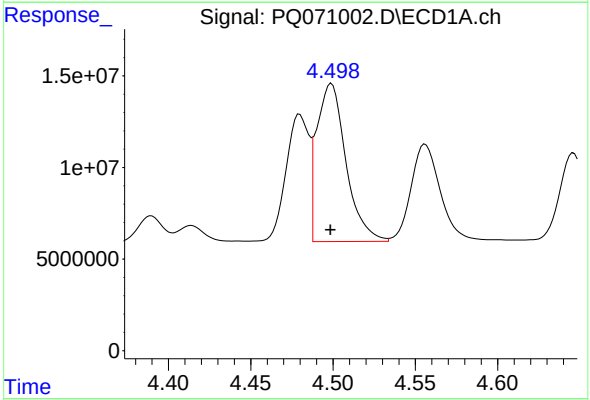
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



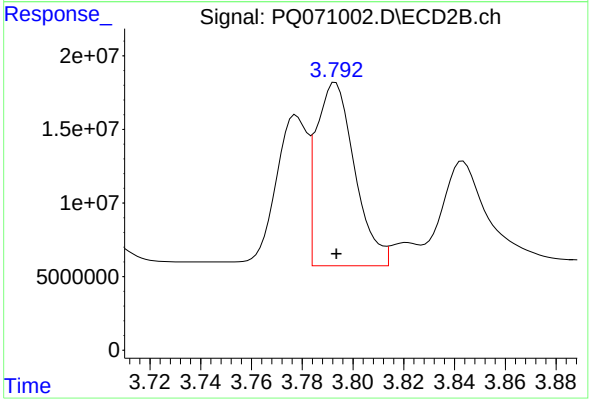
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 88802083
Conc: 545.26 ng/ml



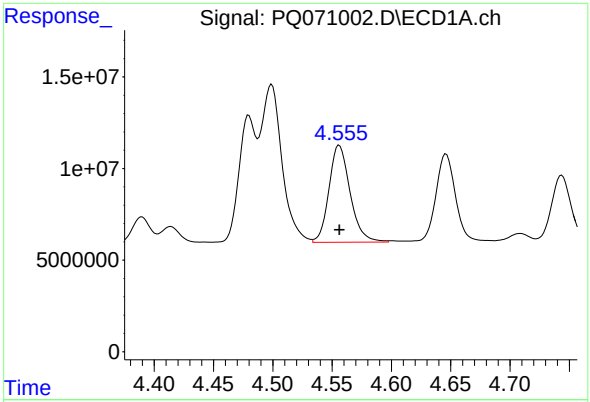
#17 AR-1242-2

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



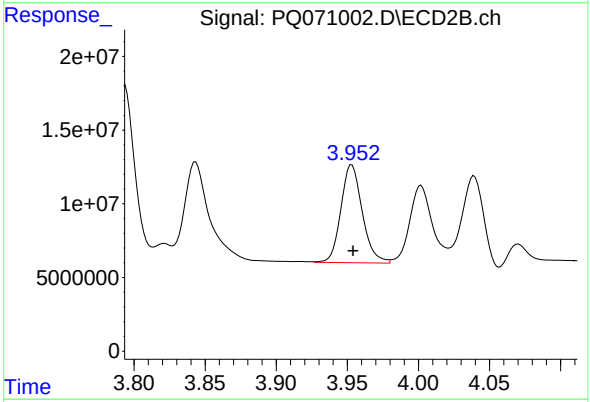
#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 65846450
Conc: 553.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

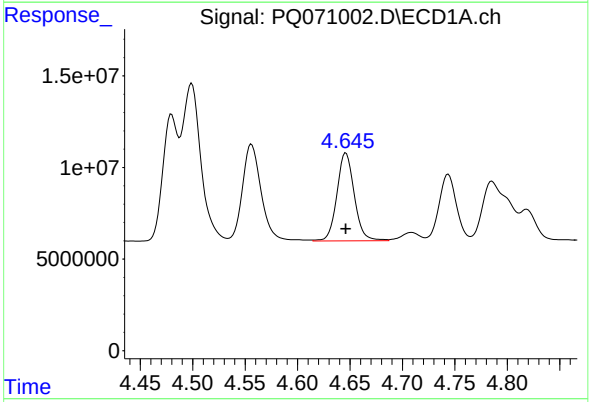
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



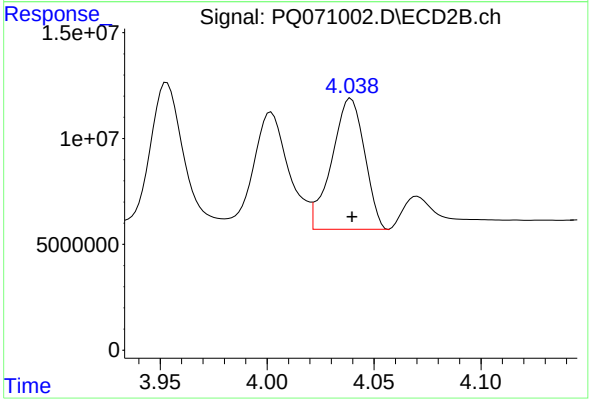
#18 AR-1242-3

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 69528801
Conc: 527.45 ng/ml m



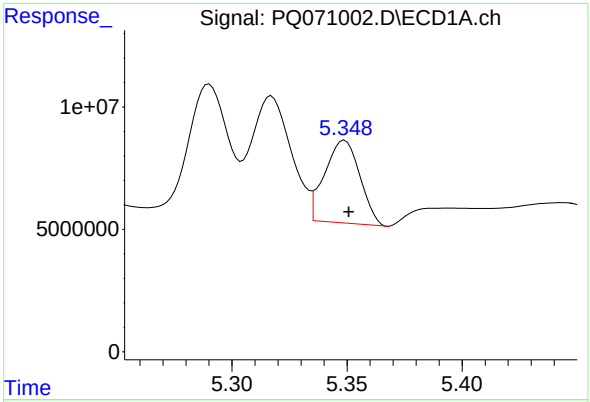
#19 AR-1242-4

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



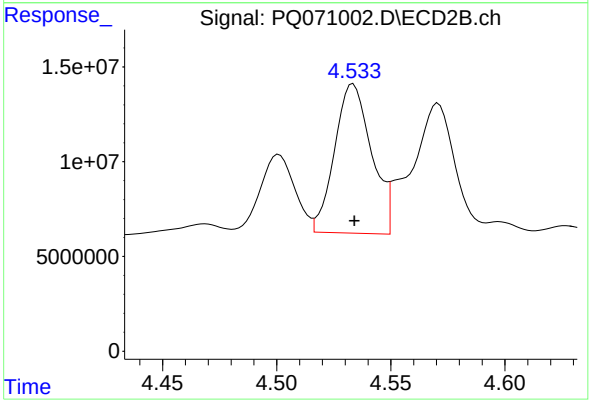
#20 AR-1242-5

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)

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.

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

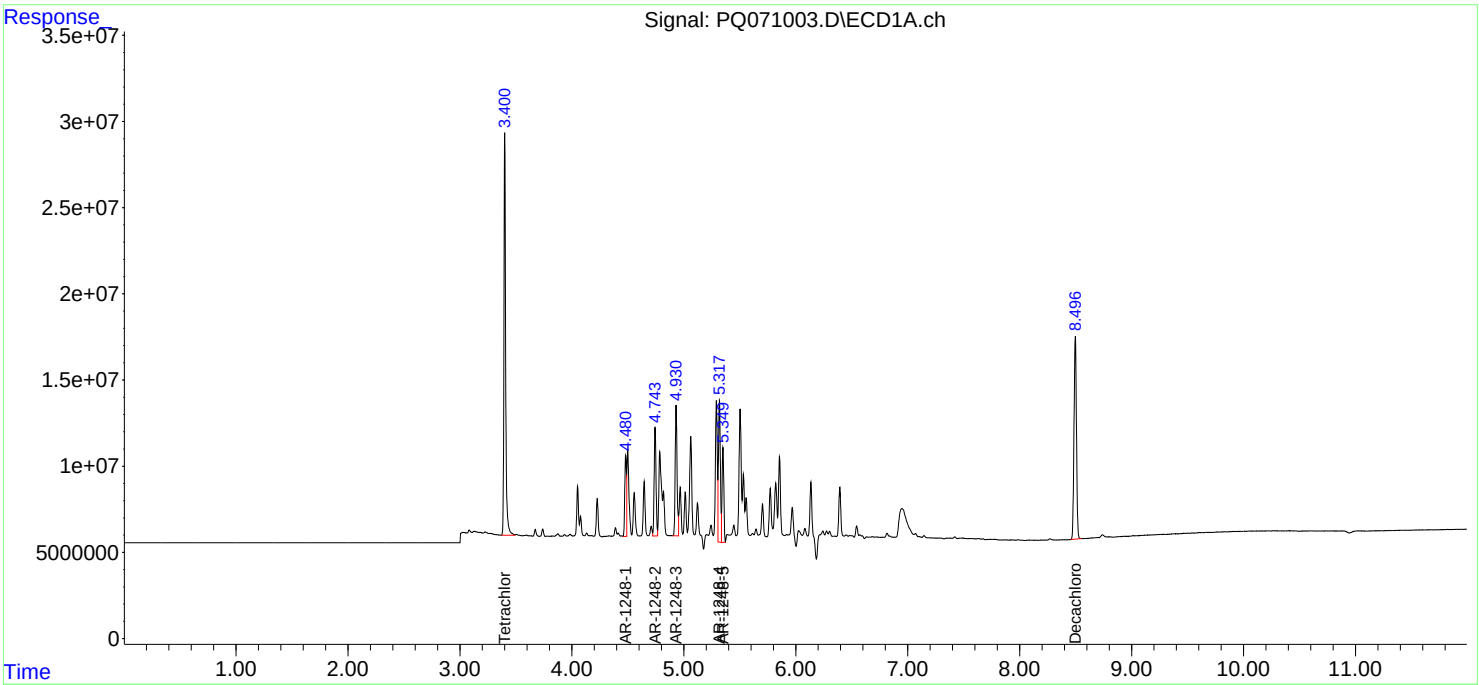
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

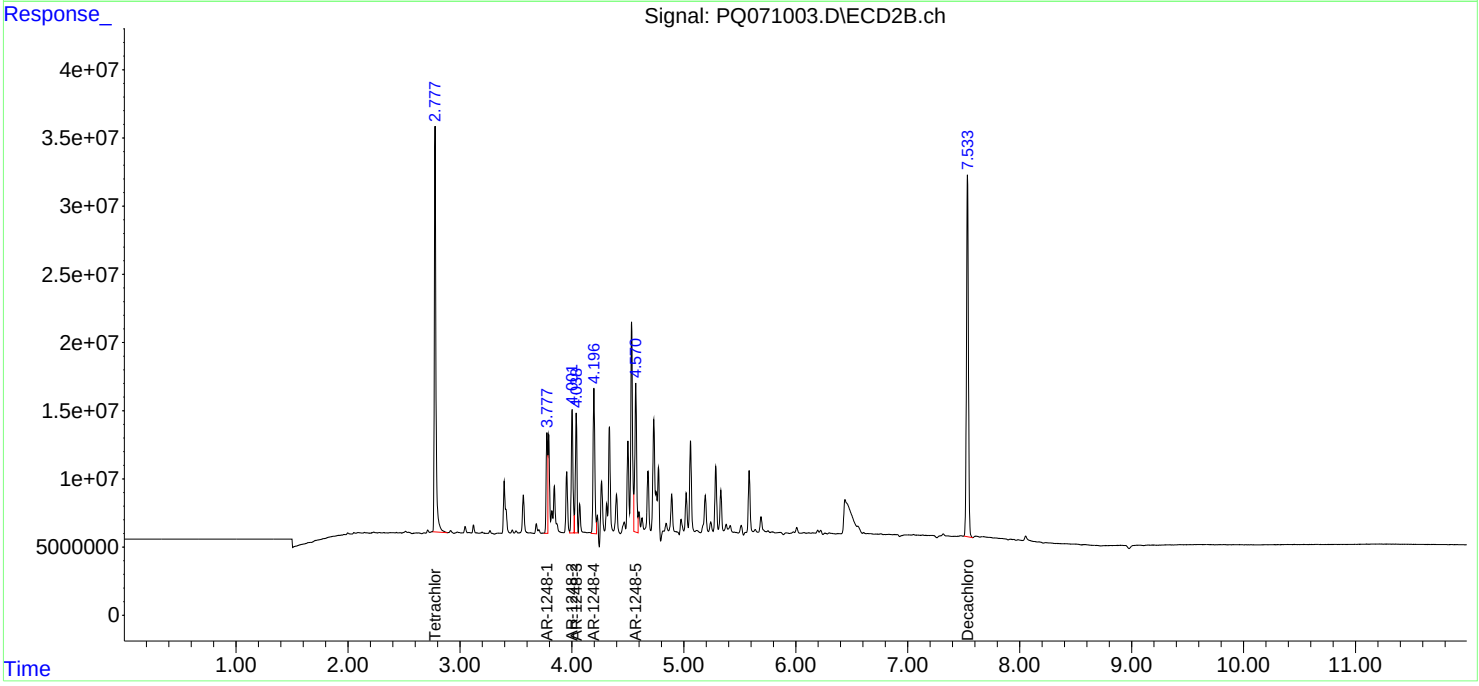
Manual Integrations APPROVED

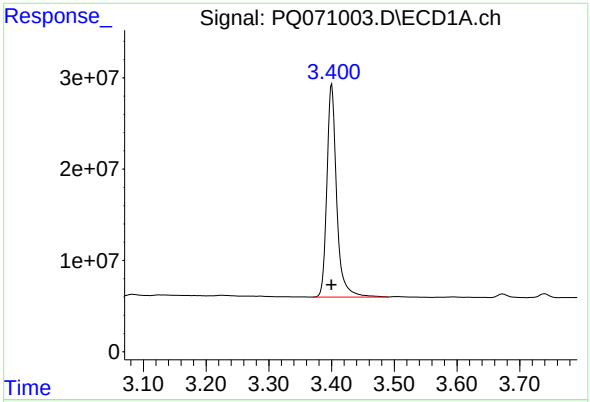
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

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







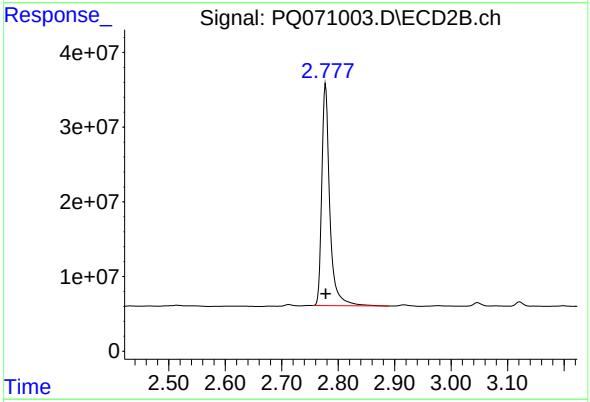
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 253021754
Conc: 54.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

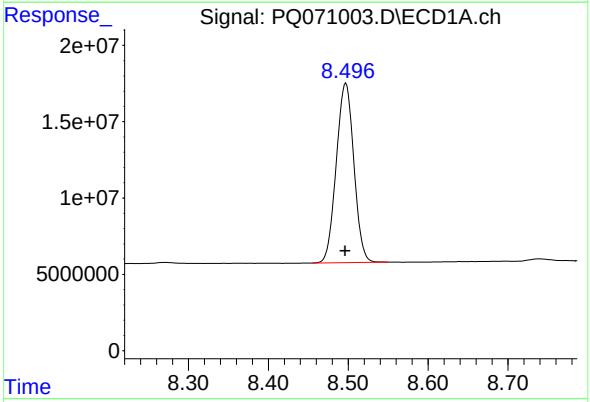
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



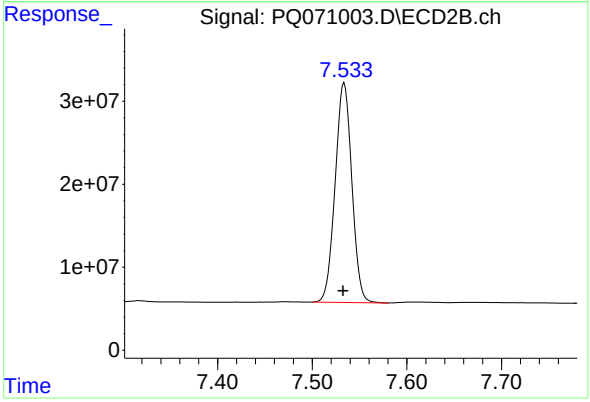
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 292628939
Conc: 52.50 ng/ml



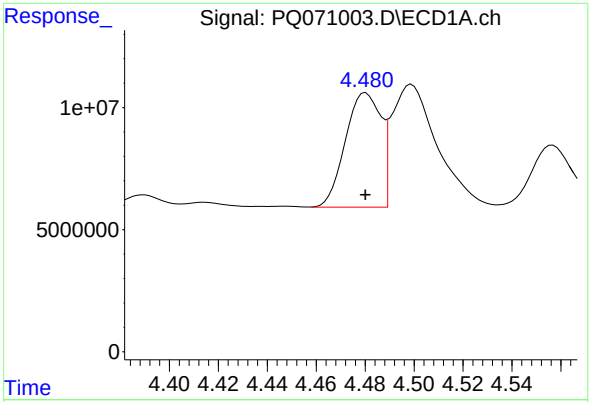
#2 Decachlorobiphenyl

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



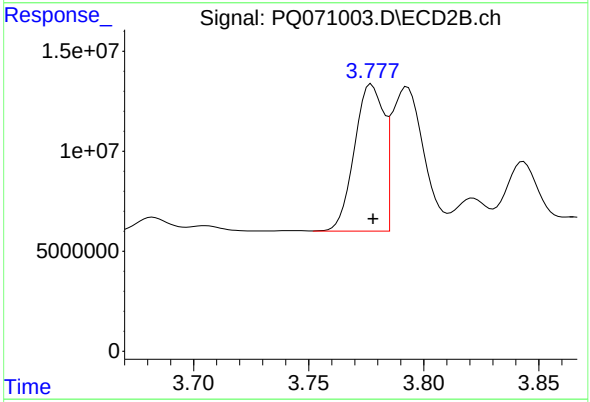
#21 AR-1248-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 47223685
Conc: 527.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

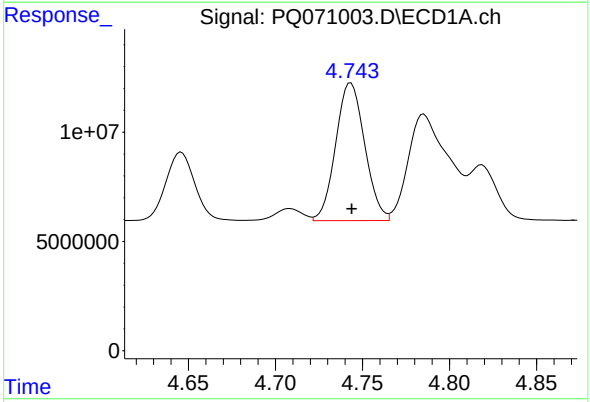
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



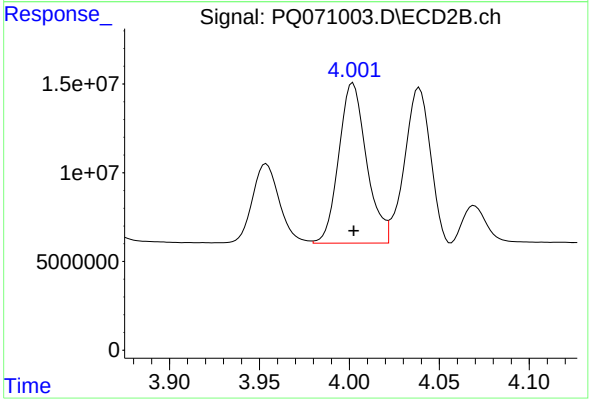
#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 65282112
Conc: 516.09 ng/ml



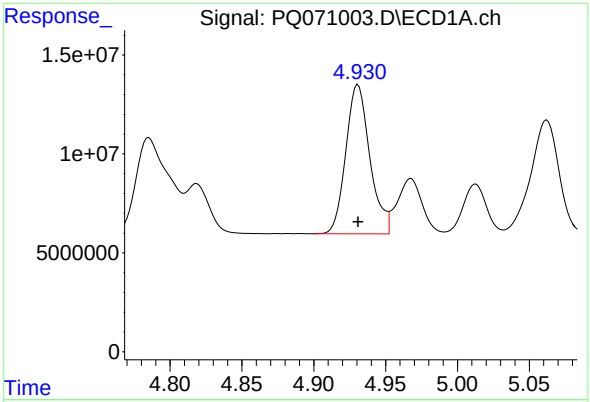
#22 AR-1248-2

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



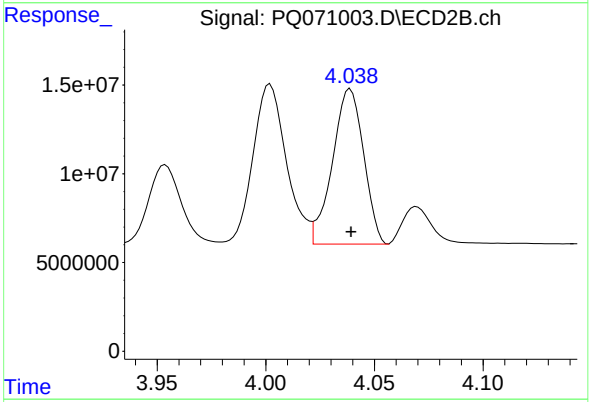
#23 AR-1248-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 87732864
Conc: 543.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

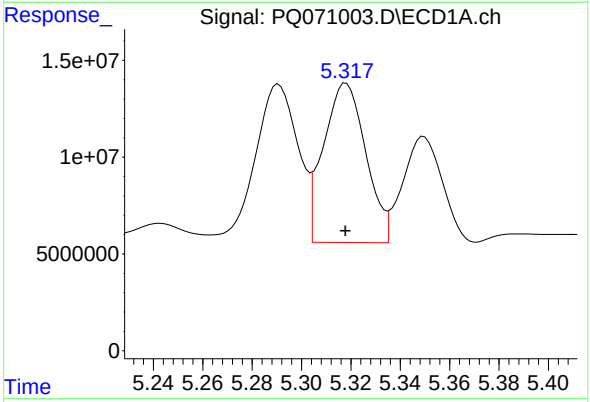
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



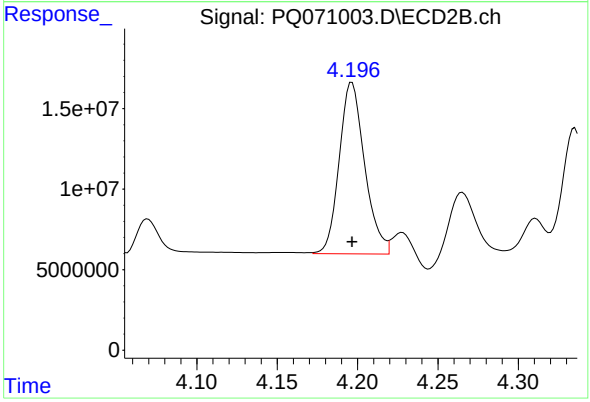
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 87534945
Conc: 487.24 ng/ml



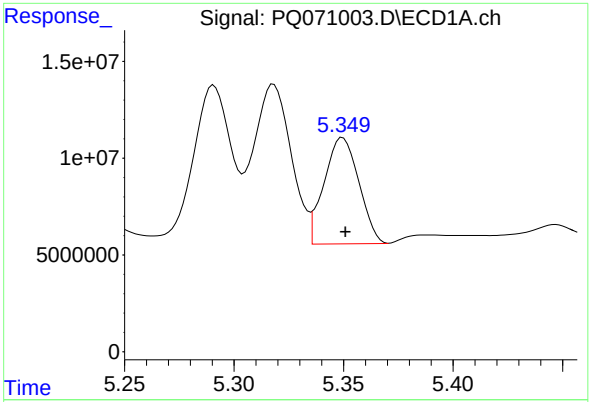
#24 AR-1248-4

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



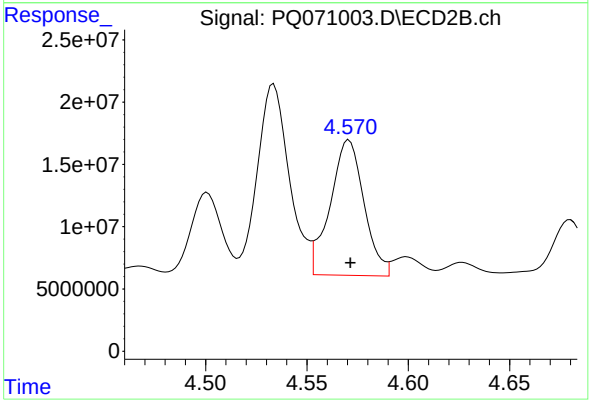
#25 AR-1248-5

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)

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

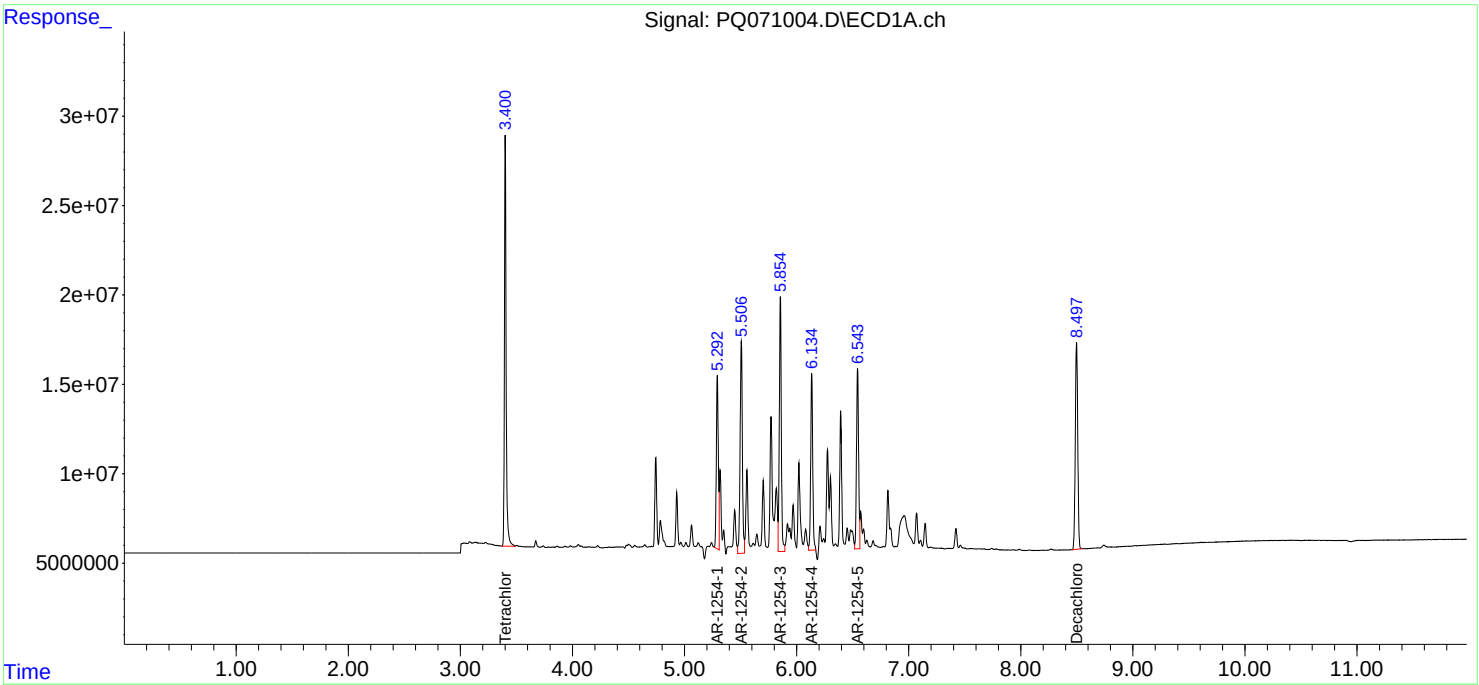
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

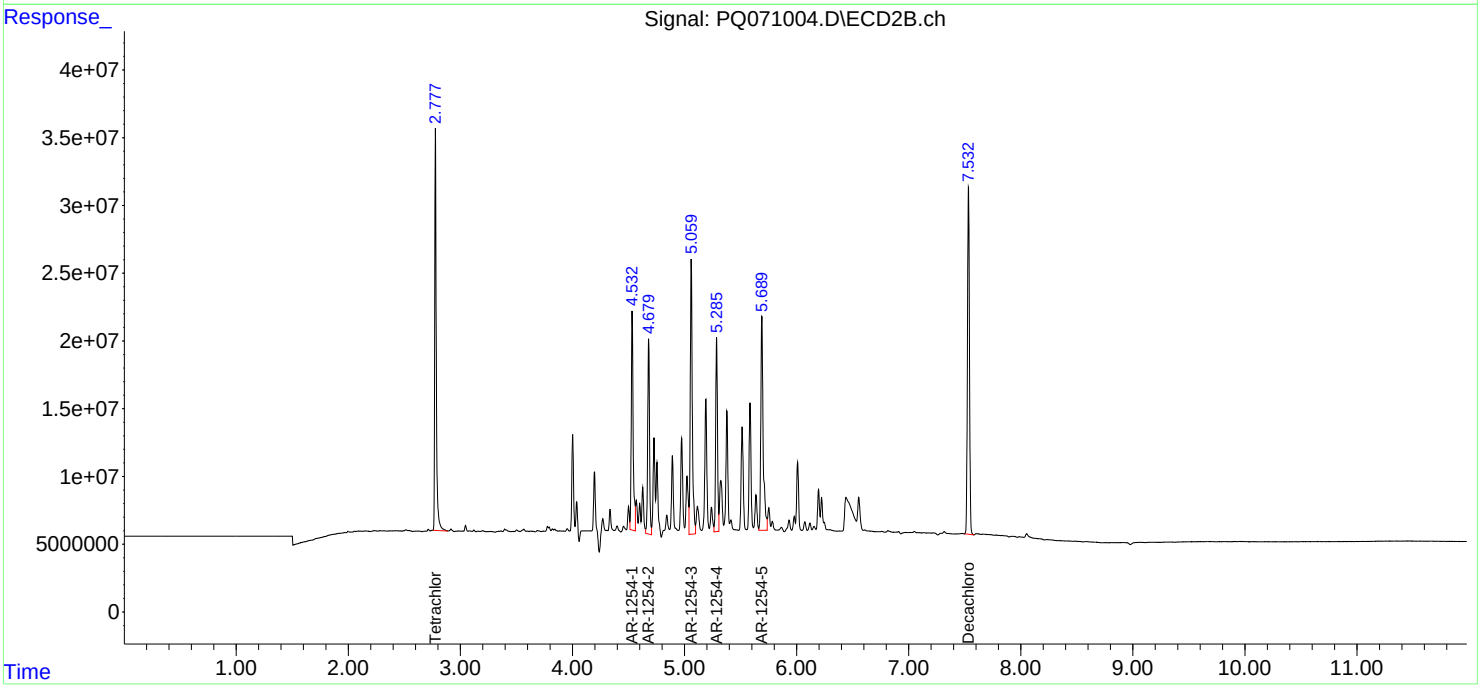
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:08
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

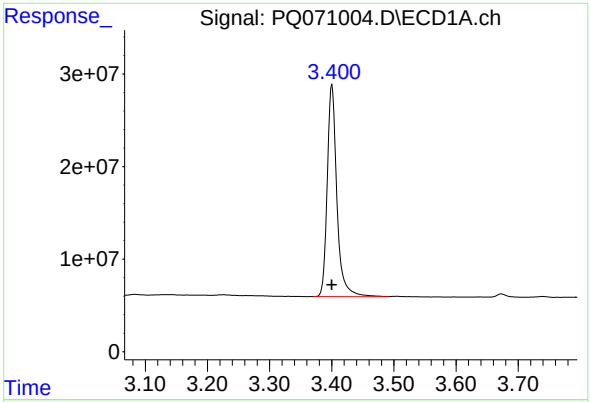
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254

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



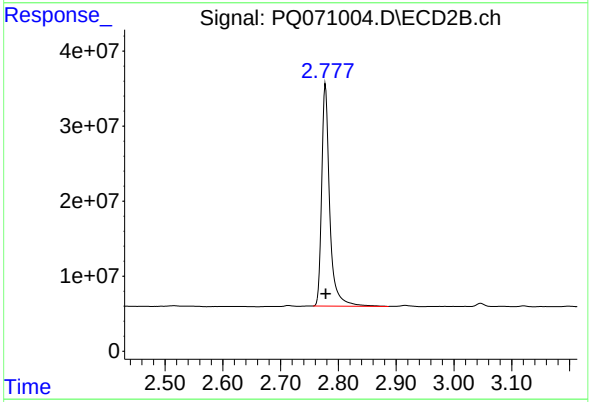




#1 Tetrachloro-m-xylene

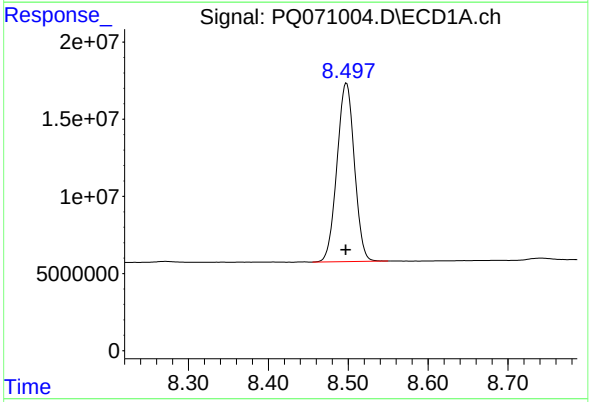
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 246956460
Conc: 56.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



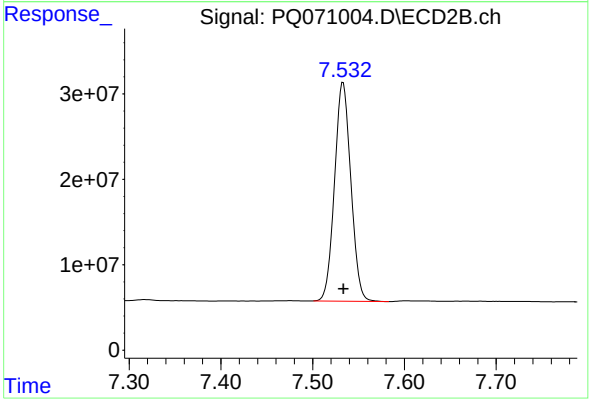
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 287227626
Conc: 55.22 ng/ml



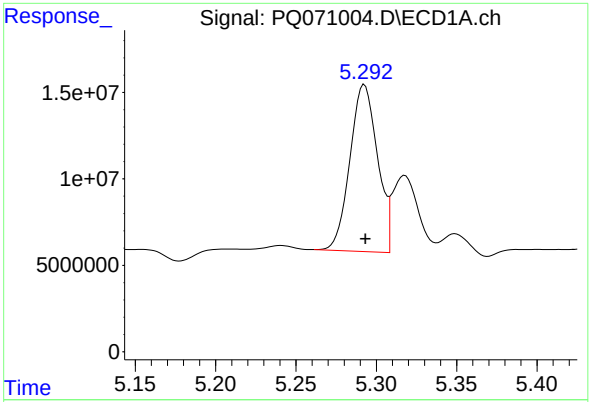
#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 175150667
Conc: 55.32 ng/ml



#2 Decachlorobiphenyl

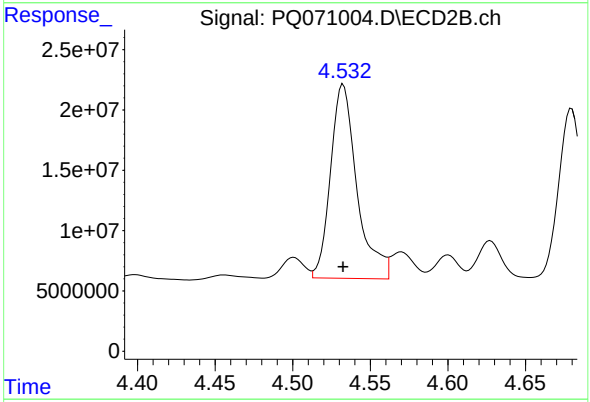
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 316297966
Conc: 56.72 ng/ml



#26 AR-1254-1

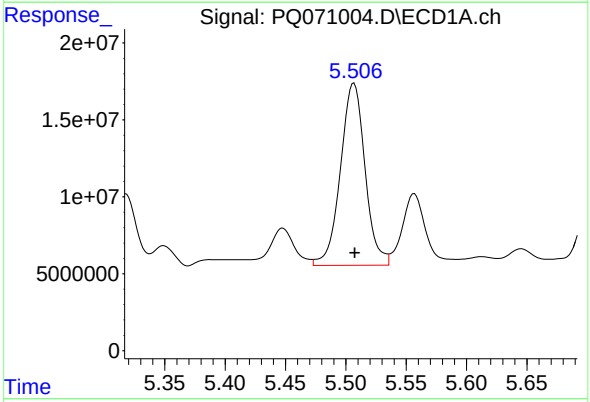
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 115305910
Conc: 587.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



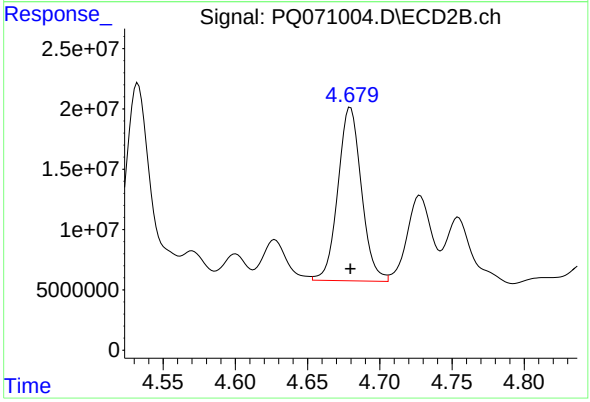
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 191078779
Conc: 566.64 ng/ml



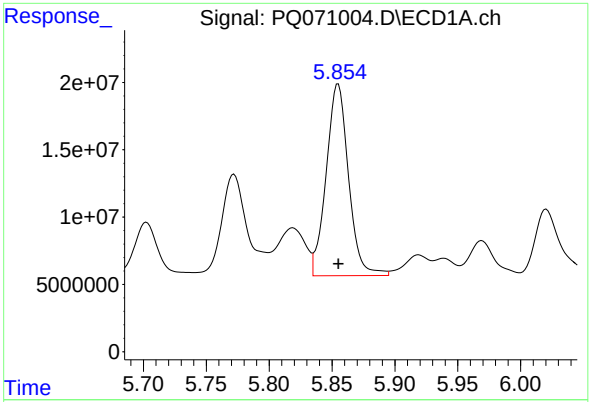
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 167943478
Conc: 578.15 ng/ml



#27 AR-1254-2

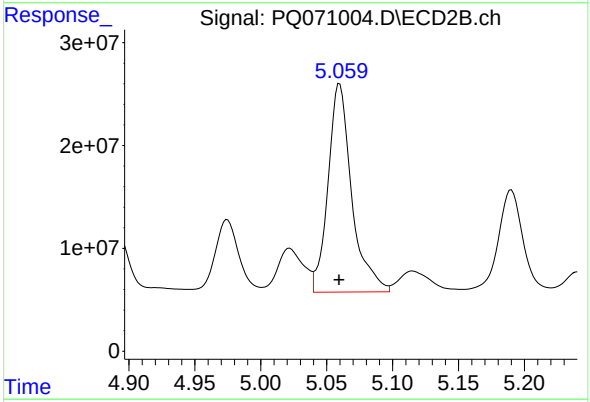
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 162584096
Conc: 547.14 ng/ml



#28 AR-1254-3

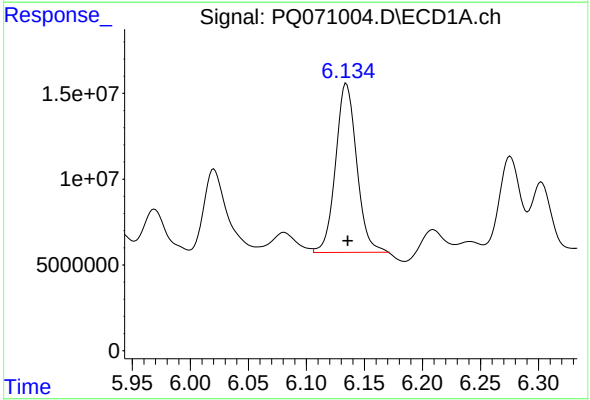
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 176272565
Conc: 573.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



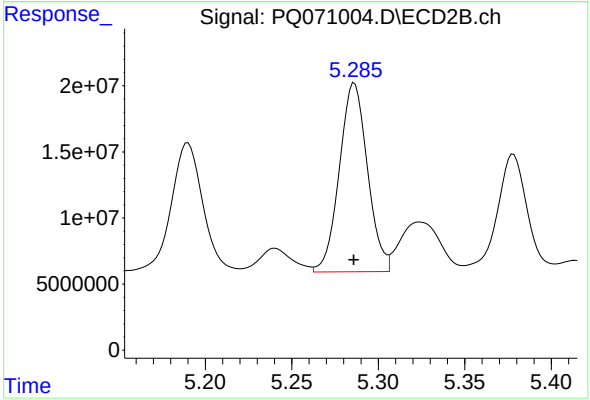
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 253607279
Conc: 542.98 ng/ml



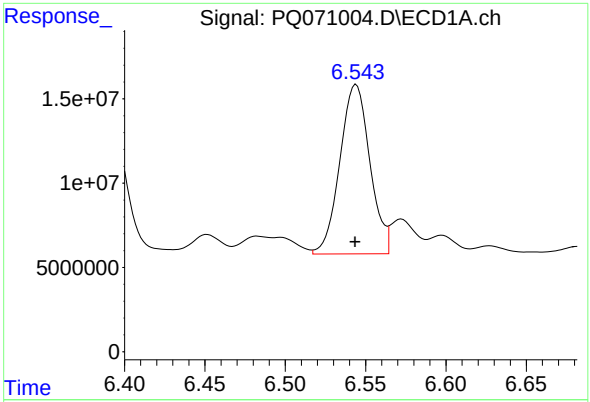
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: -0.001 min
Response: 124702483
Conc: 568.02 ng/ml



#29 AR-1254-4

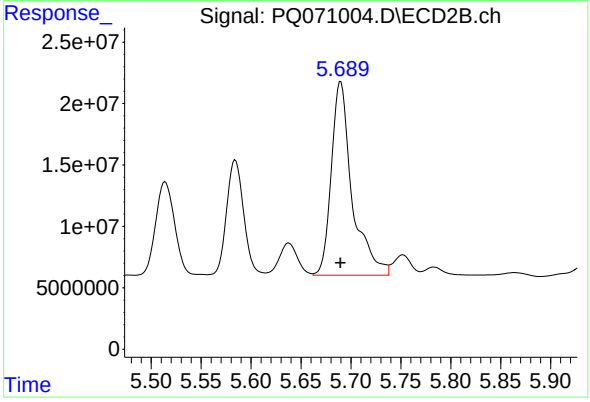
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 161392628
Conc: 546.63 ng/ml



#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)

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

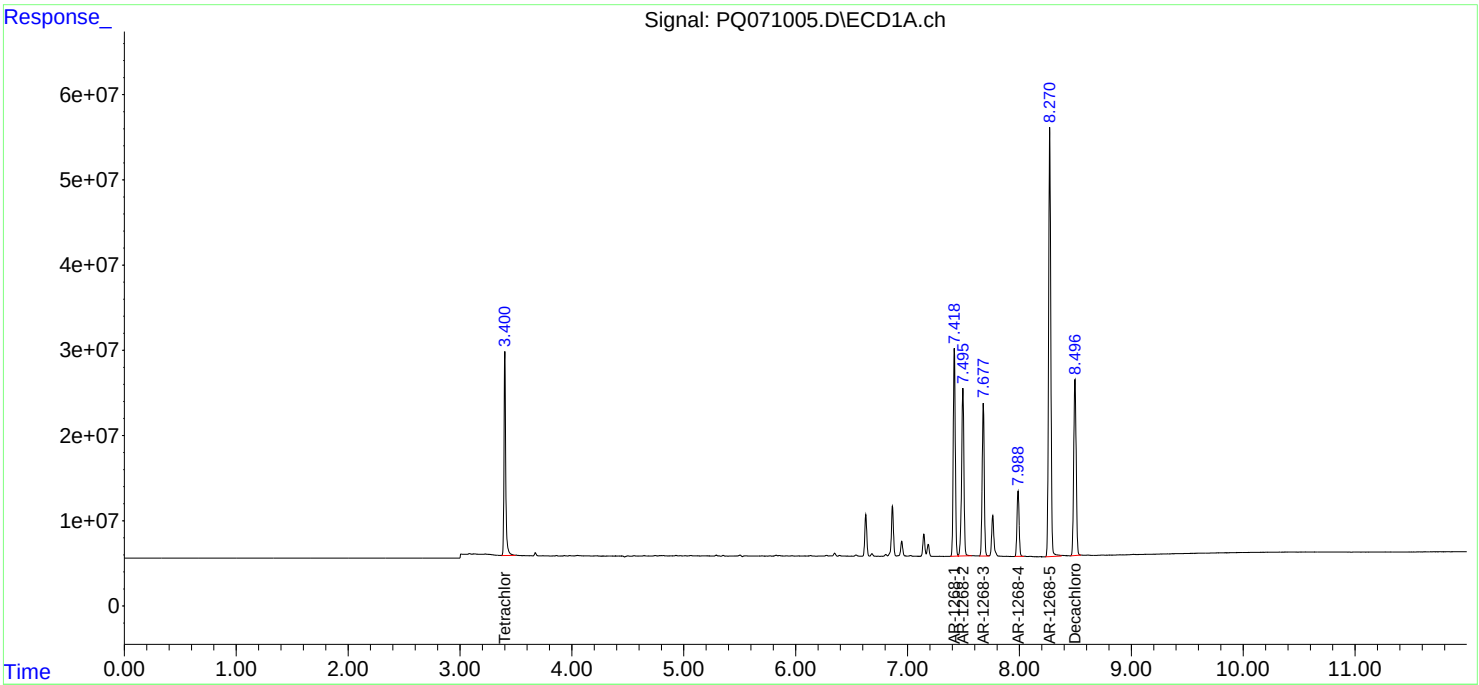
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

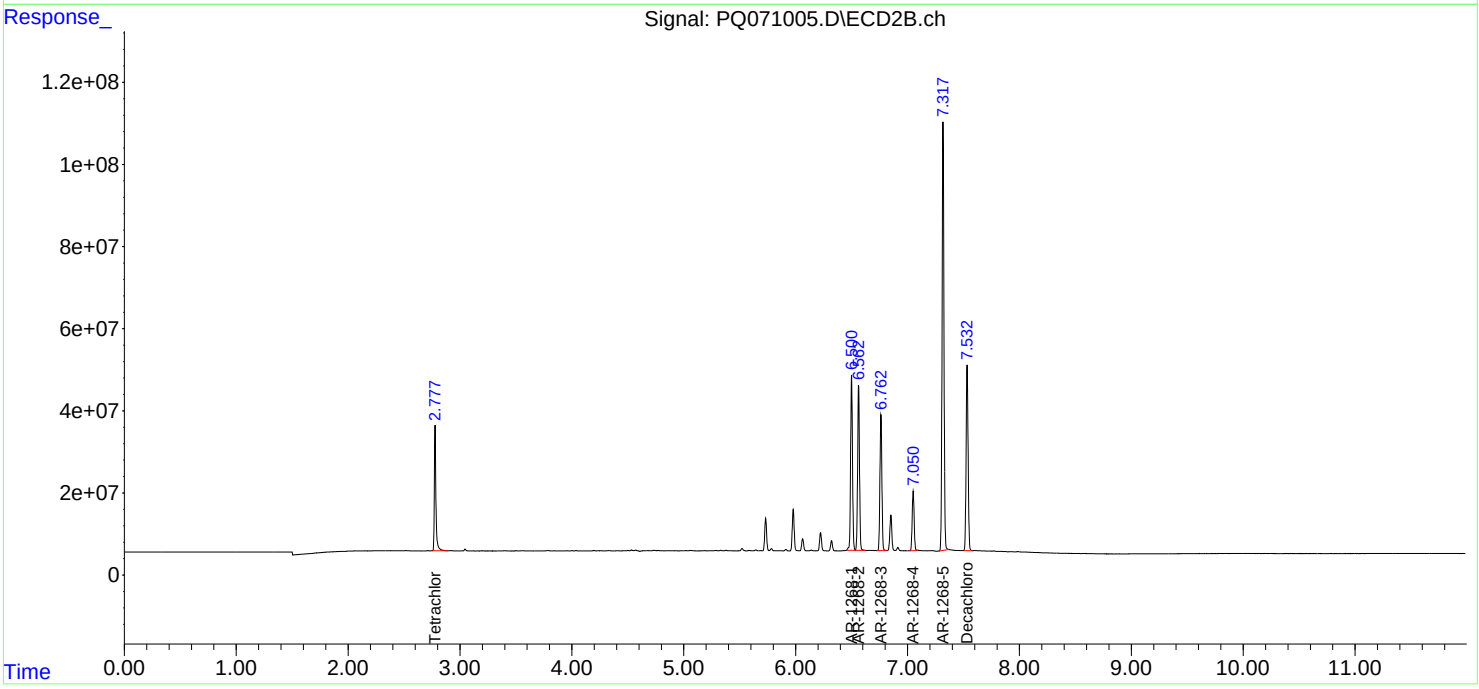
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

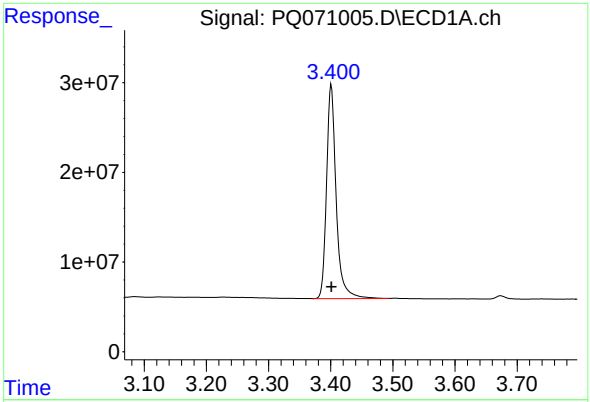
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268

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



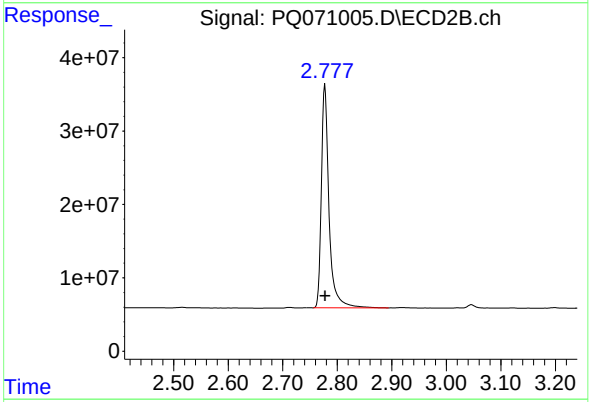




#1 Tetrachloro-m-xylene

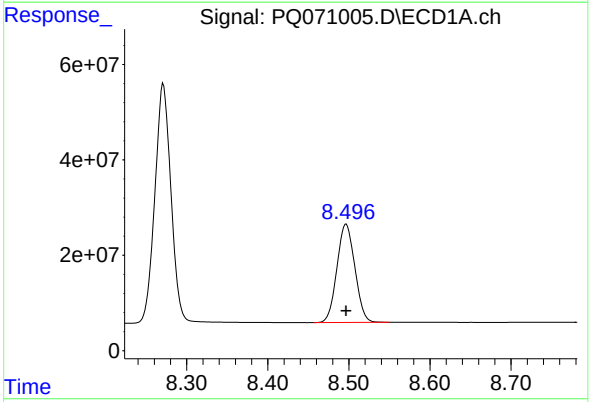
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 256641615
Conc: 52.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



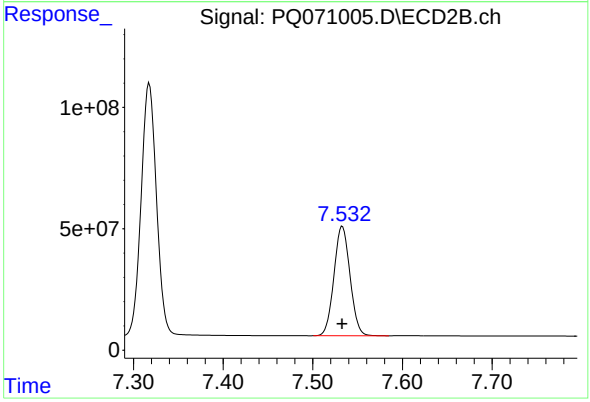
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 296113428
Conc: 51.87 ng/ml



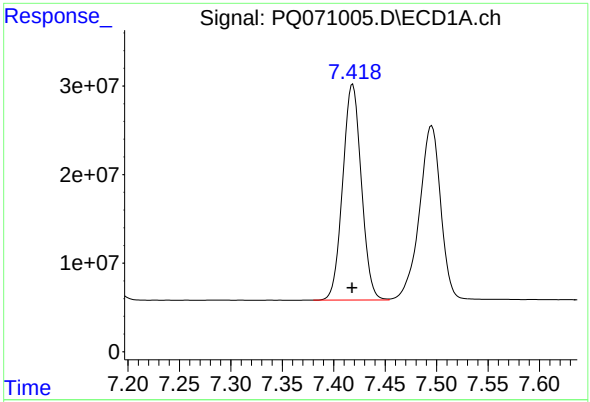
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 317031582
Conc: 52.62 ng/ml



#2 Decachlorobiphenyl

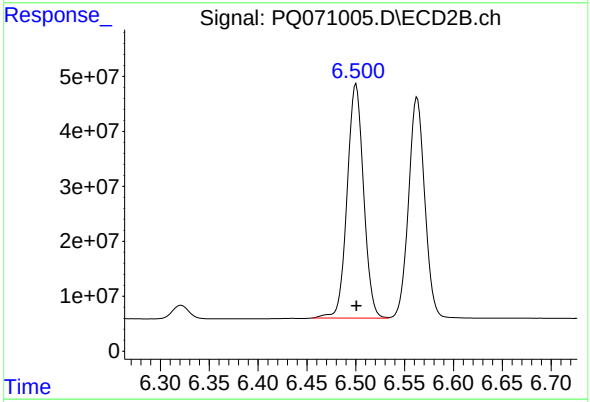
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 560415145
Conc: 50.72 ng/ml



#41 AR-1268-1

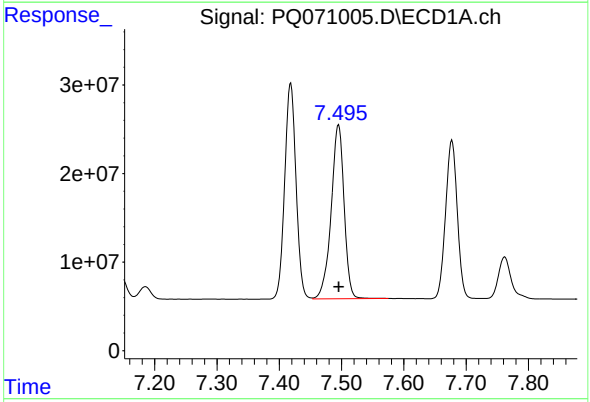
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 307261040
Conc: 527.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



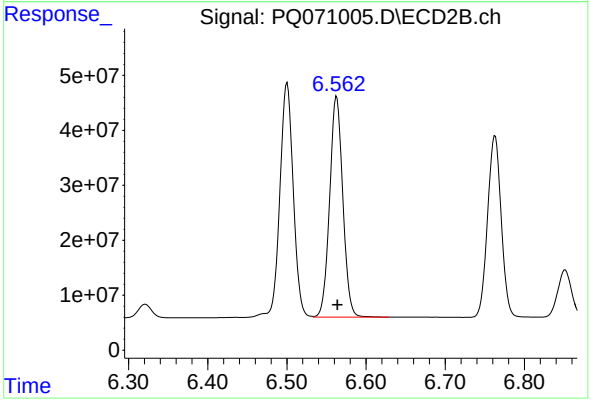
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 498745928
Conc: 511.83 ng/ml



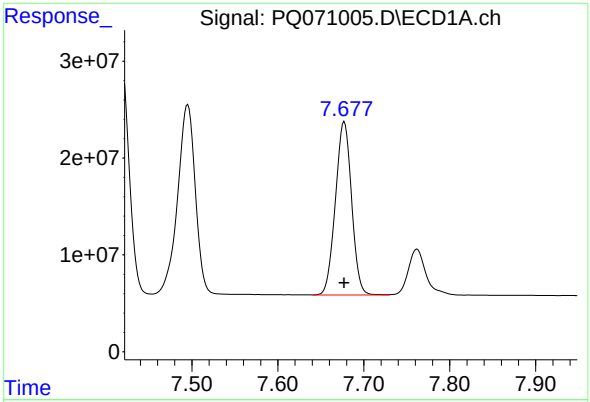
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 283380161
Conc: 533.78 ng/ml



#42 AR-1268-2

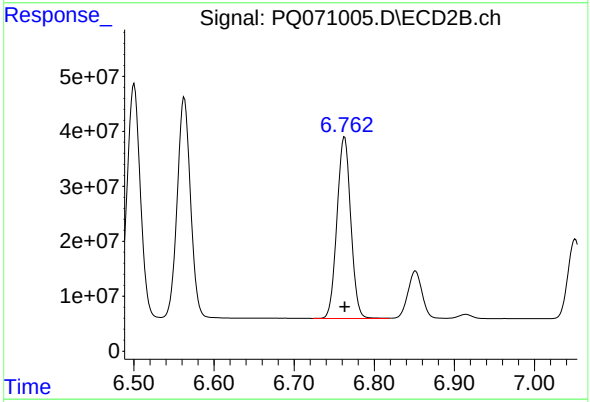
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 463960839
Conc: 516.25 ng/ml



#43 AR-1268-3

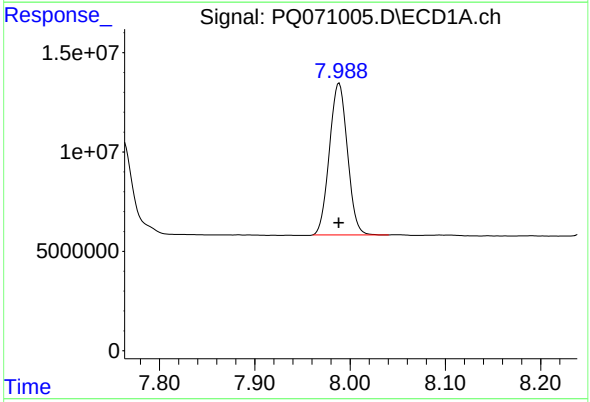
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 233855867
Conc: 539.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



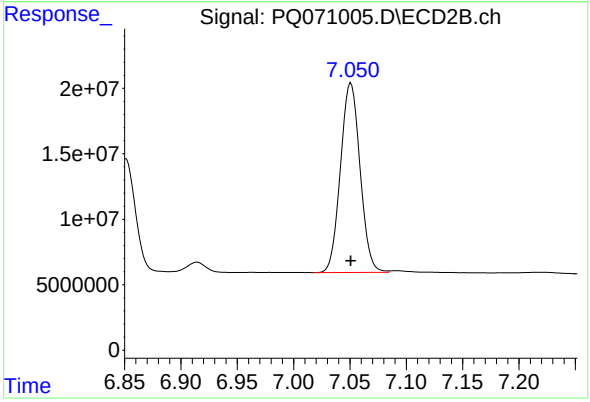
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 395934354
Conc: 506.49 ng/ml



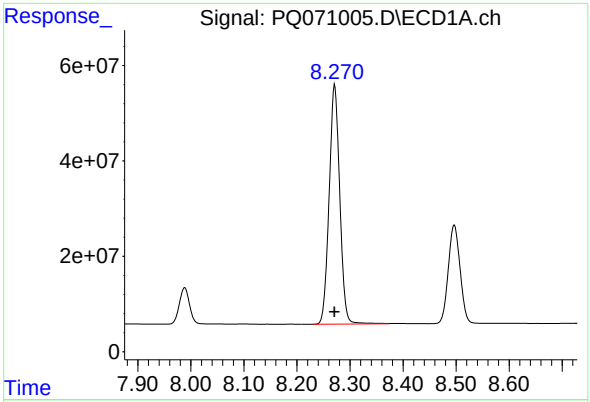
#44 AR-1268-4

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 100352602
Conc: 534.73 ng/ml



#44 AR-1268-4

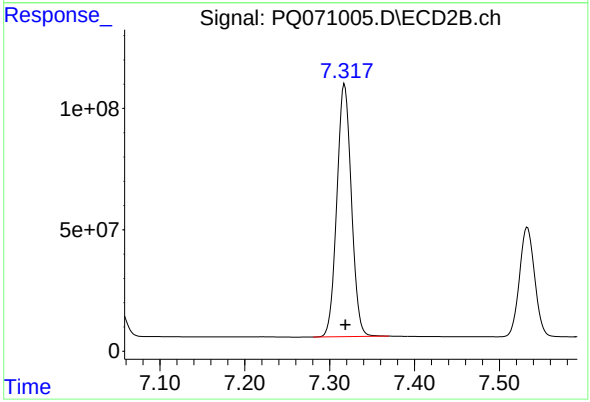
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 175126997
Conc: 508.32 ng/ml



#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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

Continuing Calib Date: 10/21/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 14:45 **Initial Calibration Time(s):** 14:14 22:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.52	5.51	5.41	5.61	-0.01
Aroclor-1016-3	(3)	5.58	5.58	5.48	5.68	0.00
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.97	5.96	5.86	6.06	-0.01
Aroclor-1260-1	(1)	7.08	7.08	6.98	7.18	0.00
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	0.00
Aroclor-1260-4	(4)	7.91	7.91	7.81	8.01	0.00
Aroclor-1260-5	(5)	8.22	8.21	8.11	8.31	-0.01
Tetrachloro-m-xylene		4.36	4.36	4.26	4.46	0.00
Decachlorobiphenyl		9.94	9.93	9.83	10.03	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

Continuing Calib Date: 10/21/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 14:45 **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)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
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)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.22	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.41	6.41	6.31	6.51	0.00
Aroclor-1260-3	(3)	6.56	6.57	6.47	6.67	0.01
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	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.66	8.67	8.57	8.77	0.01

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.:** Q3393

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114542.D **Time Analyzed:** 14:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.494	5.392	5.592	531.160	500.000	6.2
Aroclor-1016-2	5.516	5.414	5.614	491.630	500.000	-1.7
Aroclor-1016-3	5.578	5.476	5.676	502.920	500.000	0.6
Aroclor-1016-4	5.673	5.571	5.771	517.460	500.000	3.5
Aroclor-1016-5	5.965	5.863	6.063	506.450	500.000	1.3
Aroclor-1260-1	7.078	6.975	7.175	498.620	500.000	-0.3
Aroclor-1260-2	7.332	7.229	7.429	496.090	500.000	-0.8
Aroclor-1260-3	7.689	7.585	7.785	451.450	500.000	-9.7
Aroclor-1260-4	7.911	7.807	8.007	489.140	500.000	-2.2
Aroclor-1260-5	8.218	8.113	8.313	484.870	500.000	-3.0
Decachlorobiphenyl	9.941	9.834	10.034	49.470	50.000	-1.1
Tetrachloro-m-xylene	4.355	4.255	4.455	52.640	50.000	5.3

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.:** Q3393

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114542.D **Time Analyzed:** 14:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.738	4.643	4.843	496.120	500.000	-0.8
Aroclor-1016-2	4.757	4.662	4.862	496.300	500.000	-0.7
Aroclor-1016-3	4.932	4.836	5.036	517.580	500.000	3.5
Aroclor-1016-4	4.974	4.879	5.079	535.770	500.000	7.2
Aroclor-1016-5	5.186	5.092	5.292	502.200	500.000	0.4
Aroclor-1260-1	6.218	6.125	6.325	552.360	500.000	10.5
Aroclor-1260-2	6.405	6.313	6.513	583.740	500.000	16.7
Aroclor-1260-3	6.558	6.466	6.666	533.250	500.000	6.7
Aroclor-1260-4	7.030	6.939	7.139	577.390	500.000	15.5
Aroclor-1260-5	7.271	7.179	7.379	561.760	500.000	12.4
Decachlorobiphenyl	8.658	8.571	8.771	48.340	50.000	-3.3
Tetrachloro-m-xylene	3.657	3.560	3.760	49.070	50.000	-1.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:45
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:58:50 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...	4.355	3.657	285.8E6	196.4E6	52.641	49.074
2)	SA Decachlor...	9.941	8.658	180.1E6	161.1E6	49.467	48.342
	Target Compounds						
3)	L1 AR-1016-1	5.494	4.738	95798532	83538879	531.159	496.120
4)	L1 AR-1016-2	5.516	4.757	149.6E6	120.1E6	491.629	496.300
5)	L1 AR-1016-3	5.578	4.932	88942076	64259023	502.917	517.577
6)	L1 AR-1016-4	5.673	4.974	71178334	51715408	517.455	535.770
7)	L1 AR-1016-5	5.965	5.186	63947610	64208727	506.453	502.198
31)	L7 AR-1260-1	7.078	6.218	108.7E6	130.1E6	498.621	552.362
32)	L7 AR-1260-2	7.332	6.405	153.0E6	195.2E6	496.091	583.736
33)	L7 AR-1260-3	7.689	6.558	115.8E6	157.3E6	451.451	533.249
34)	L7 AR-1260-4	7.911	7.030	113.9E6	128.7E6	489.141	577.387m
35)	L7 AR-1260-5	8.218	7.271	281.3E6	344.3E6	484.873	561.756

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:45
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

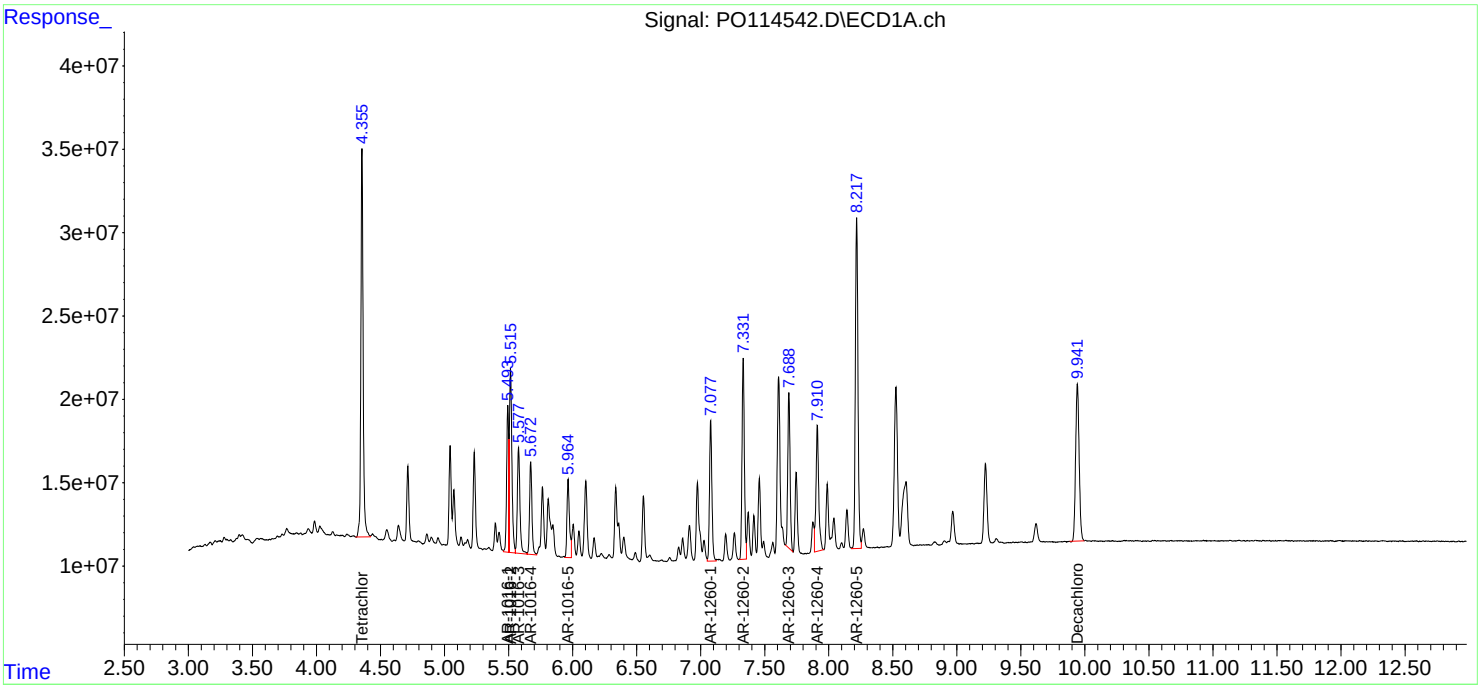
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

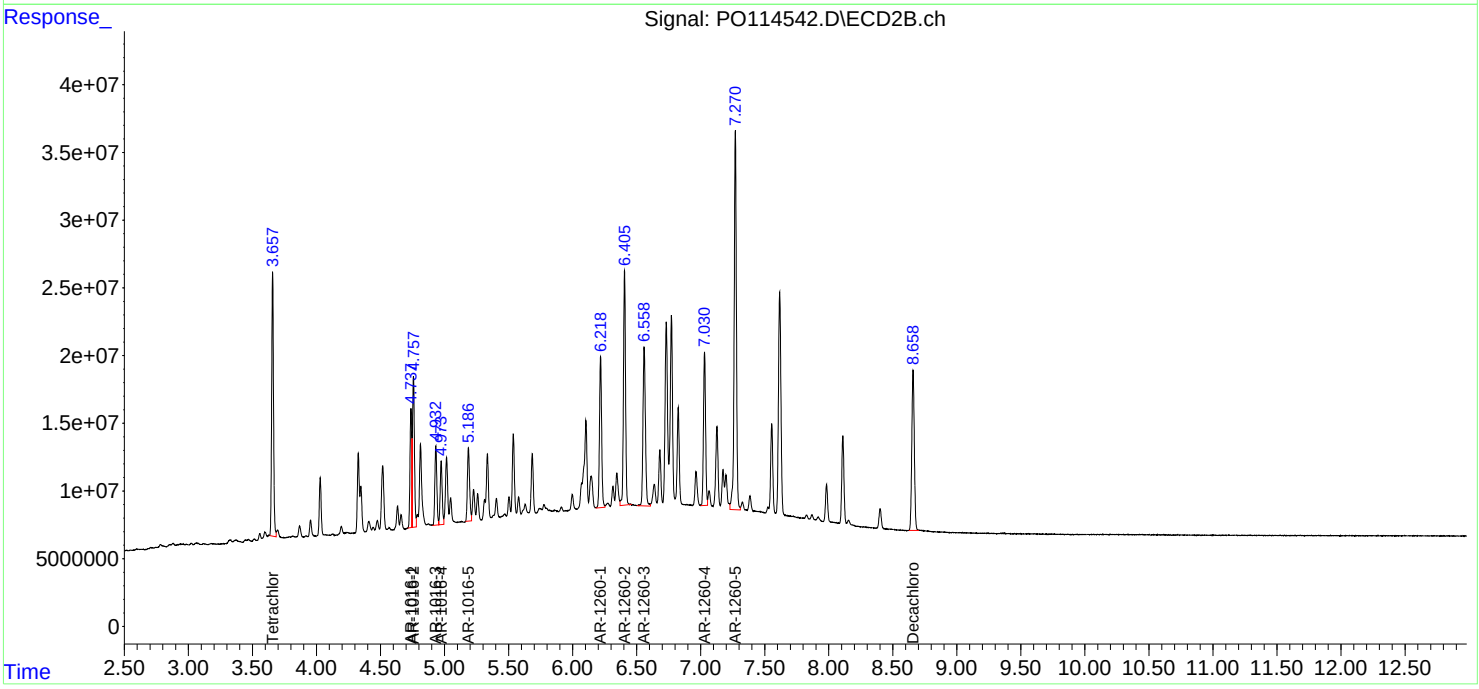
Manual Integrations APPROVED

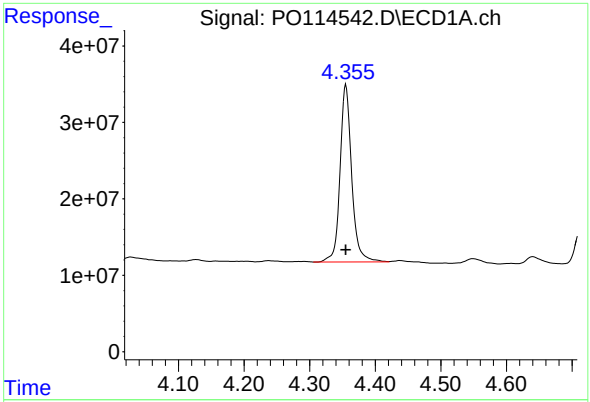
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:58:50 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







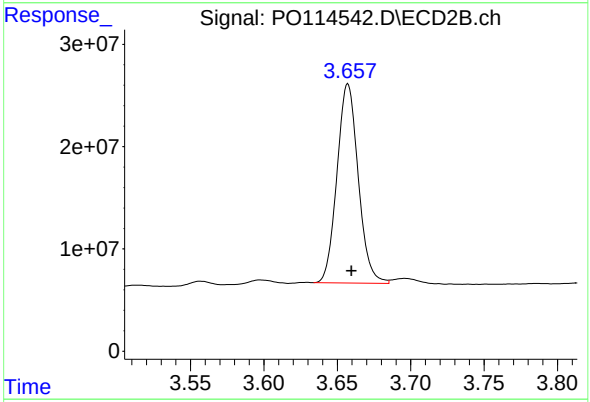
#1 Tetrachloro-m-xylene

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 285787980
Conc: 52.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

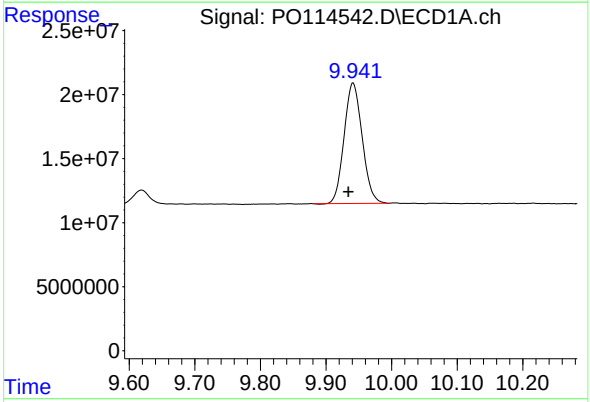
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



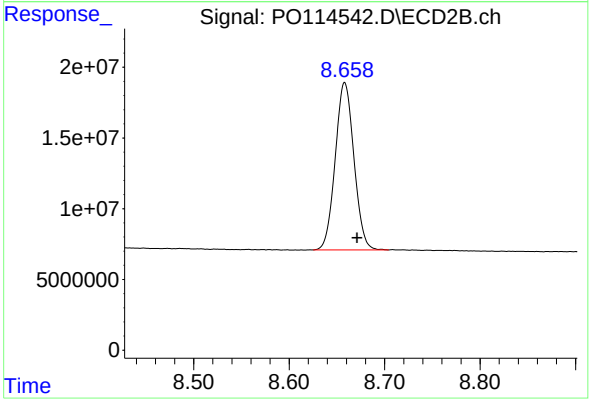
#1 Tetrachloro-m-xylene

R.T.: 3.657 min
Delta R.T.: -0.002 min
Response: 196406538
Conc: 49.07 ng/ml



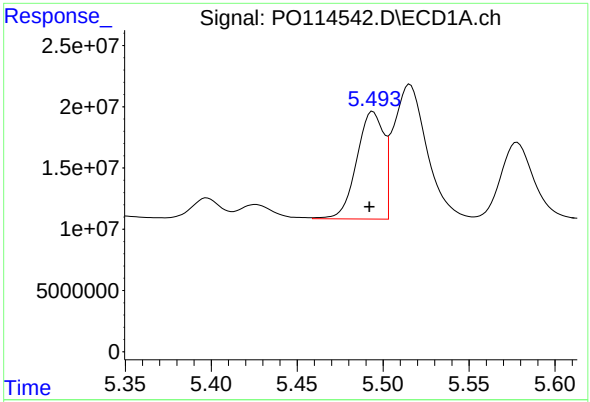
#2 Decachlorobiphenyl

R.T.: 9.941 min
Delta R.T.: 0.007 min
Response: 180115629
Conc: 49.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.658 min
Delta R.T.: -0.013 min
Response: 161133088
Conc: 48.34 ng/ml



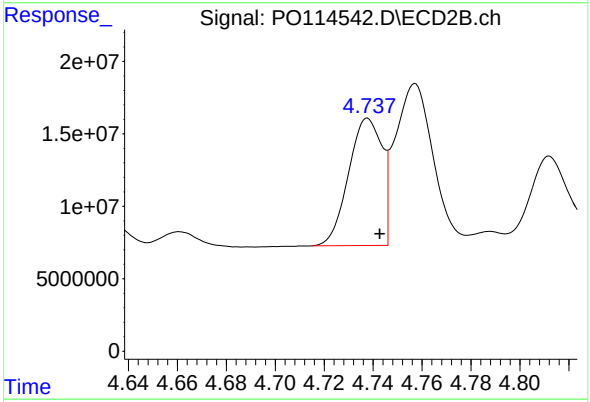
#3 AR-1016-1

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 95798532
Conc: 531.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

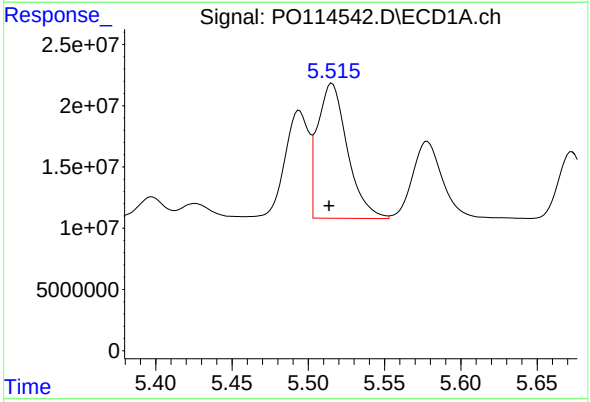
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



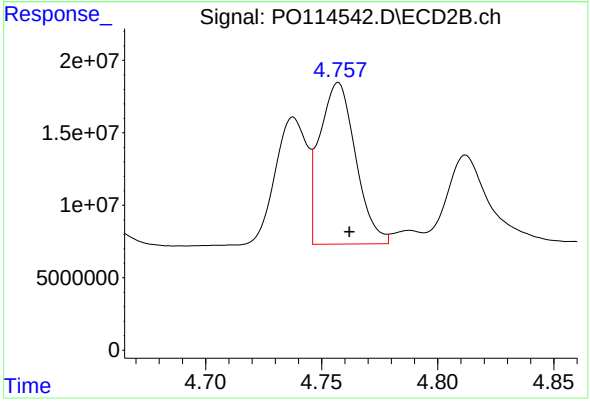
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 83538879
Conc: 496.12 ng/ml



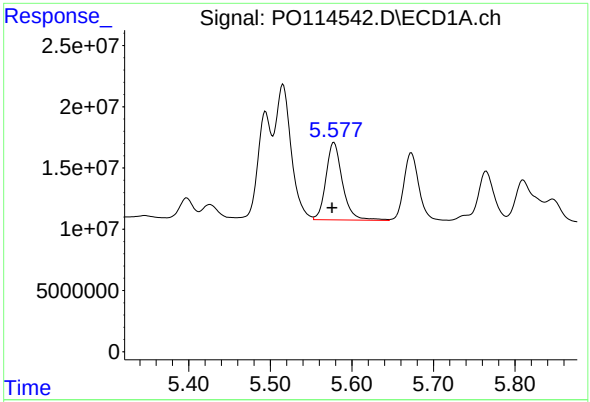
#4 AR-1016-2

R.T.: 5.516 min
Delta R.T.: 0.002 min
Response: 149601328
Conc: 491.63 ng/ml



#4 AR-1016-2

R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 120122335
Conc: 496.30 ng/ml



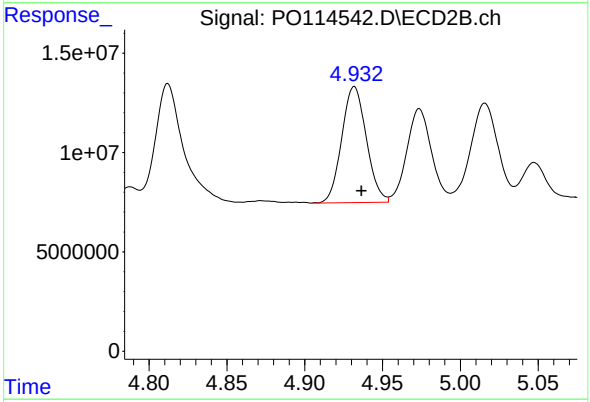
#5 AR-1016-3

R.T.: 5.578 min
Delta R.T.: 0.002 min
Response: 88942076
Conc: 502.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

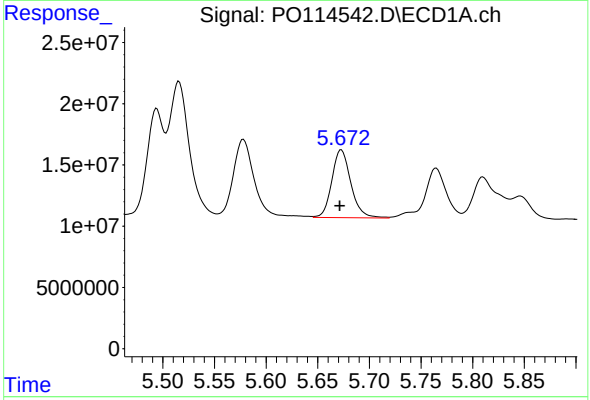
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



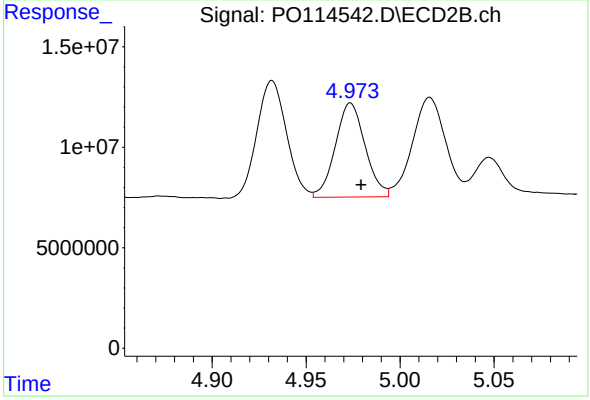
#5 AR-1016-3

R.T.: 4.932 min
Delta R.T.: -0.004 min
Response: 64259023
Conc: 517.58 ng/ml



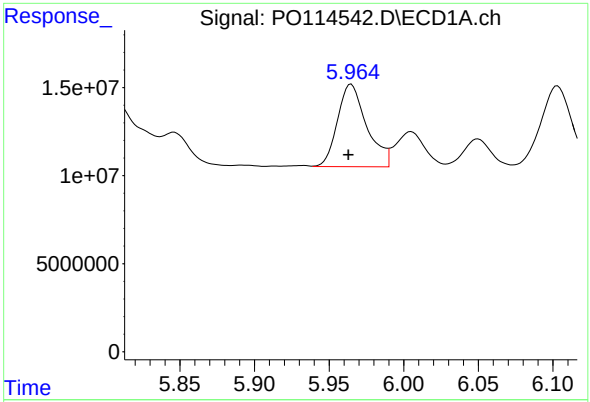
#6 AR-1016-4

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 71178334
Conc: 517.46 ng/ml



#6 AR-1016-4

R.T.: 4.974 min
Delta R.T.: -0.006 min
Response: 51715408
Conc: 535.77 ng/ml



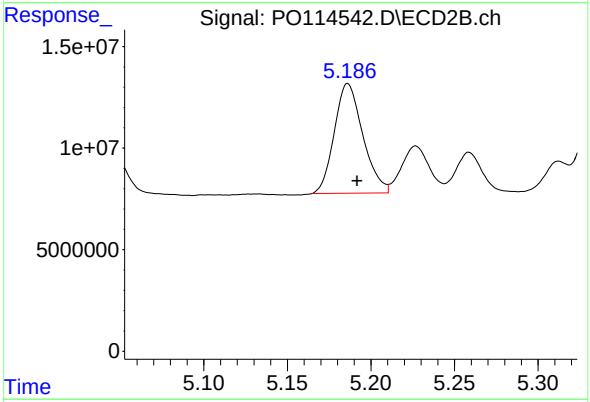
#7 AR-1016-5

R.T.: 5.965 min
Delta R.T.: 0.002 min
Response: 63947610
Conc: 506.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

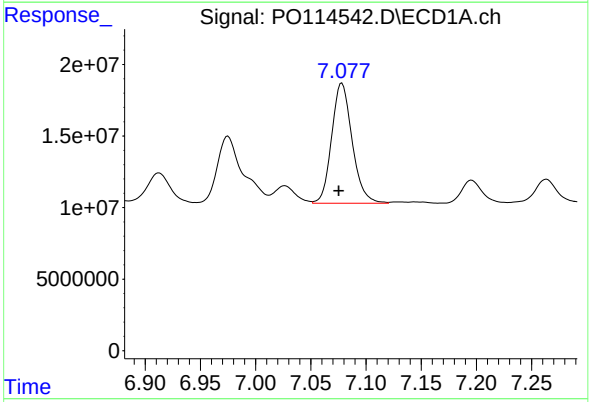
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



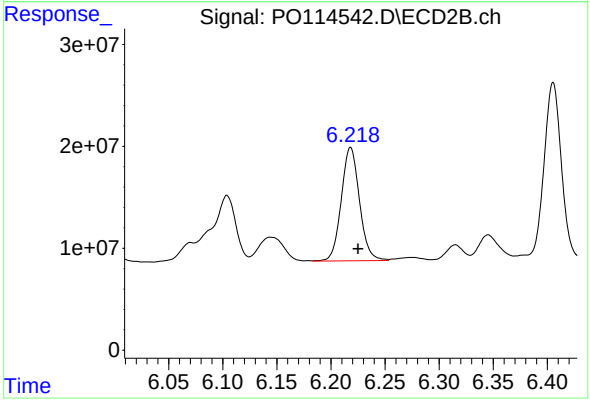
#7 AR-1016-5

R.T.: 5.186 min
Delta R.T.: -0.005 min
Response: 64208727
Conc: 502.20 ng/ml



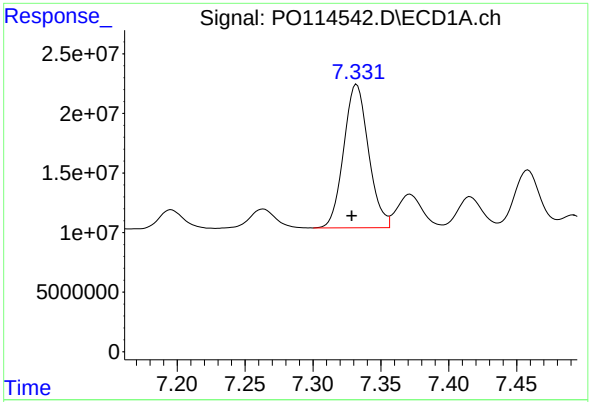
#31 AR-1260-1

R.T.: 7.078 min
Delta R.T.: 0.003 min
Response: 108665055
Conc: 498.62 ng/ml



#31 AR-1260-1

R.T.: 6.218 min
Delta R.T.: -0.007 min
Response: 130072060
Conc: 552.36 ng/ml



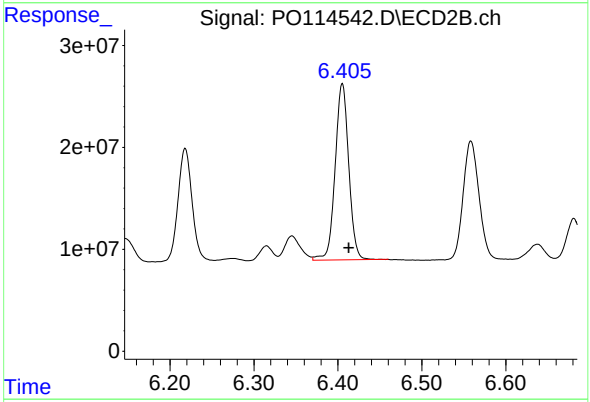
#32 AR-1260-2

R.T.: 7.332 min
Delta R.T.: 0.004 min
Response: 153046171
Conc: 496.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

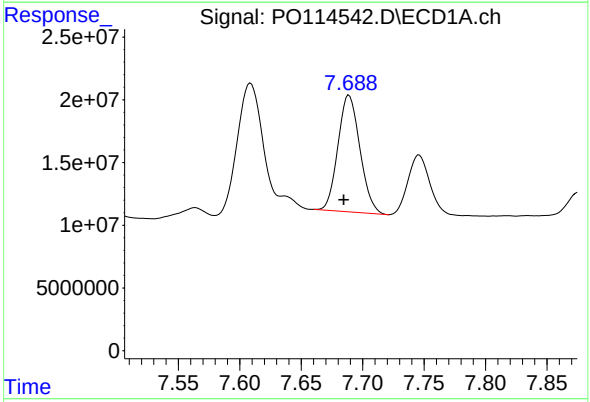
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



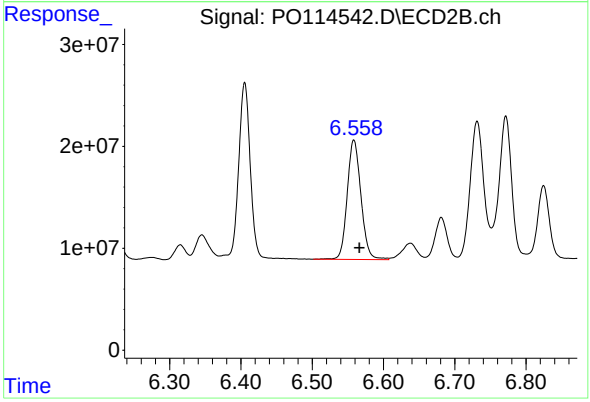
#32 AR-1260-2

R.T.: 6.405 min
Delta R.T.: -0.008 min
Response: 195194852
Conc: 583.74 ng/ml



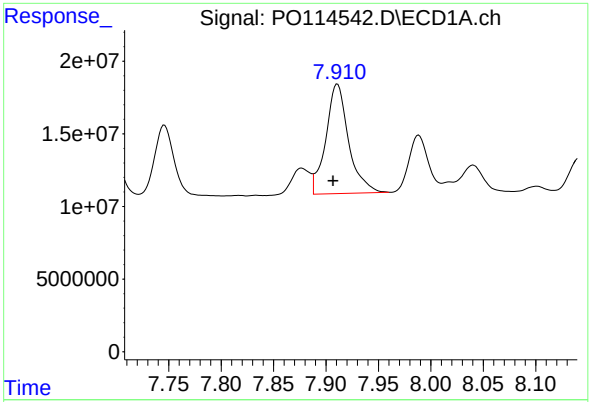
#33 AR-1260-3

R.T.: 7.689 min
Delta R.T.: 0.004 min
Response: 115783925
Conc: 451.45 ng/ml



#33 AR-1260-3

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 157277042
Conc: 533.25 ng/ml



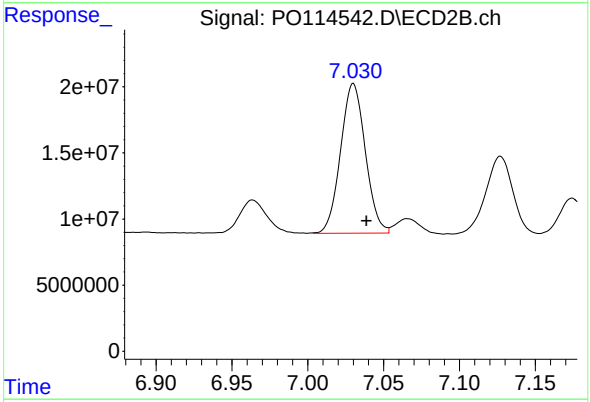
#34 AR-1260-4

R.T.: 7.911 min
Delta R.T.: 0.004 min
Response: 113930468
Conc: 489.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

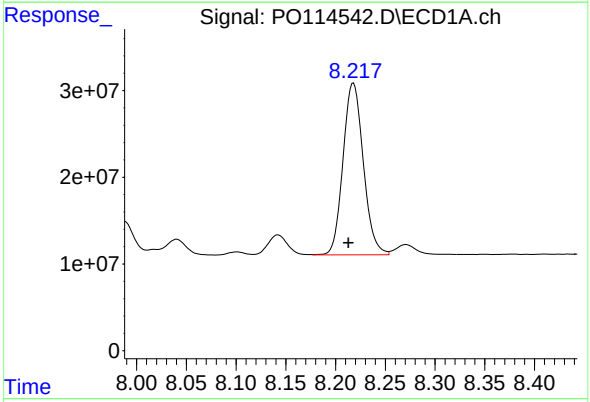
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/24/2025



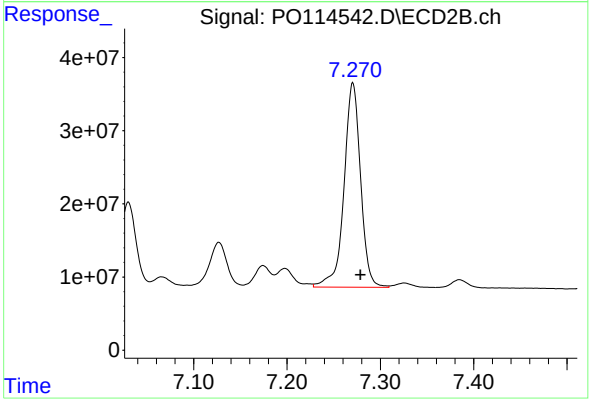
#34 AR-1260-4

R.T.: 7.030 min
Delta R.T.: -0.009 min
Response: 128704908
Conc: 577.39 ng/ml m



#35 AR-1260-5

R.T.: 8.218 min
Delta R.T.: 0.005 min
Response: 281303985
Conc: 484.87 ng/ml



#35 AR-1260-5

R.T.: 7.271 min
Delta R.T.: -0.008 min
Response: 344335389
Conc: 561.76 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

Continuing Calib Date: 10/21/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 20:13 **Initial Calibration Time(s):** 14:14 22:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.52	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.58	5.58	5.48	5.68	0.00
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)	7.08	7.08	6.98	7.18	0.00
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	0.00
Aroclor-1260-4	(4)	7.91	7.91	7.81	8.01	0.00
Aroclor-1260-5	(5)	8.22	8.21	8.11	8.31	-0.01
Tetrachloro-m-xylene		4.36	4.36	4.26	4.46	0.00
Decachlorobiphenyl		9.94	9.93	9.83	10.03	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

Continuing Calib Date: 10/21/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 20:13 **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)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
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)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.22	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.41	6.41	6.31	6.51	0.00
Aroclor-1260-3	(3)	6.56	6.57	6.47	6.67	0.01
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	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.66	8.67	8.57	8.77	0.01

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.:** Q3393

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114557.D **Time Analyzed:** 20:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.494	5.392	5.592	522.940	500.000	4.6
Aroclor-1016-2	5.515	5.414	5.614	499.430	500.000	-0.1
Aroclor-1016-3	5.577	5.476	5.676	499.400	500.000	-0.1
Aroclor-1016-4	5.673	5.571	5.771	532.610	500.000	6.5
Aroclor-1016-5	5.964	5.863	6.063	514.000	500.000	2.8
Aroclor-1260-1	7.078	6.975	7.175	506.160	500.000	1.2
Aroclor-1260-2	7.332	7.229	7.429	500.870	500.000	0.2
Aroclor-1260-3	7.689	7.585	7.785	452.440	500.000	-9.5
Aroclor-1260-4	7.910	7.807	8.007	497.590	500.000	-0.5
Aroclor-1260-5	8.217	8.113	8.313	486.950	500.000	-2.6
Decachlorobiphenyl	9.942	9.834	10.034	49.450	50.000	-1.1
Tetrachloro-m-xylene	4.355	4.255	4.455	53.780	50.000	7.6

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114557.D **Time Analyzed:** 20:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.737	4.643	4.843	519.520	500.000	3.9
Aroclor-1016-2	4.757	4.662	4.862	512.130	500.000	2.4
Aroclor-1016-3	4.931	4.836	5.036	542.990	500.000	8.6
Aroclor-1016-4	4.973	4.879	5.079	544.110	500.000	8.8
Aroclor-1016-5	5.186	5.092	5.292	530.130	500.000	6.0
Aroclor-1260-1	6.218	6.125	6.325	558.310	500.000	11.7
Aroclor-1260-2	6.405	6.313	6.513	595.730	500.000	19.1
Aroclor-1260-3	6.559	6.466	6.666	530.560	500.000	6.1
Aroclor-1260-4	7.030	6.939	7.139	584.700	500.000	16.9
Aroclor-1260-5	7.271	7.179	7.379	559.000	500.000	11.8
Decachlorobiphenyl	8.658	8.571	8.771	48.330	50.000	-3.3
Tetrachloro-m-xylene	3.657	3.560	3.760	51.890	50.000	3.8

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 20:13
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 22 08:51:26 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...	4.355	3.657	292.0E6	207.7E6	53.776	51.891
2)	SA Decachlor...	9.942	8.658	180.0E6	161.1E6	49.449	48.332
	Target Compounds						
3)	L1 AR-1016-1	5.494	4.737	94315751	87479338	522.937	519.522
4)	L1 AR-1016-2	5.515	4.757	152.0E6	124.0E6	499.426	512.130
5)	L1 AR-1016-3	5.577	4.931	88319295	67413859	499.396	542.987
6)	L1 AR-1016-4	5.673	4.973	73262821	52520772	532.609	544.113
7)	L1 AR-1016-5	5.964	5.186	64900835	67779641	514.003	530.127
31)	L7 AR-1260-1	7.078	6.218	110.3E6	131.5E6	506.156	558.311
32)	L7 AR-1260-2	7.332	6.405	154.5E6	199.2E6	500.869	595.735
33)	L7 AR-1260-3	7.689	6.559	116.0E6	156.5E6	452.442	530.558
34)	L7 AR-1260-4	7.910	7.030	115.9E6	130.3E6	497.589	584.704
35)	L7 AR-1260-5	8.217	7.271	282.5E6	342.6E6	486.952	558.997

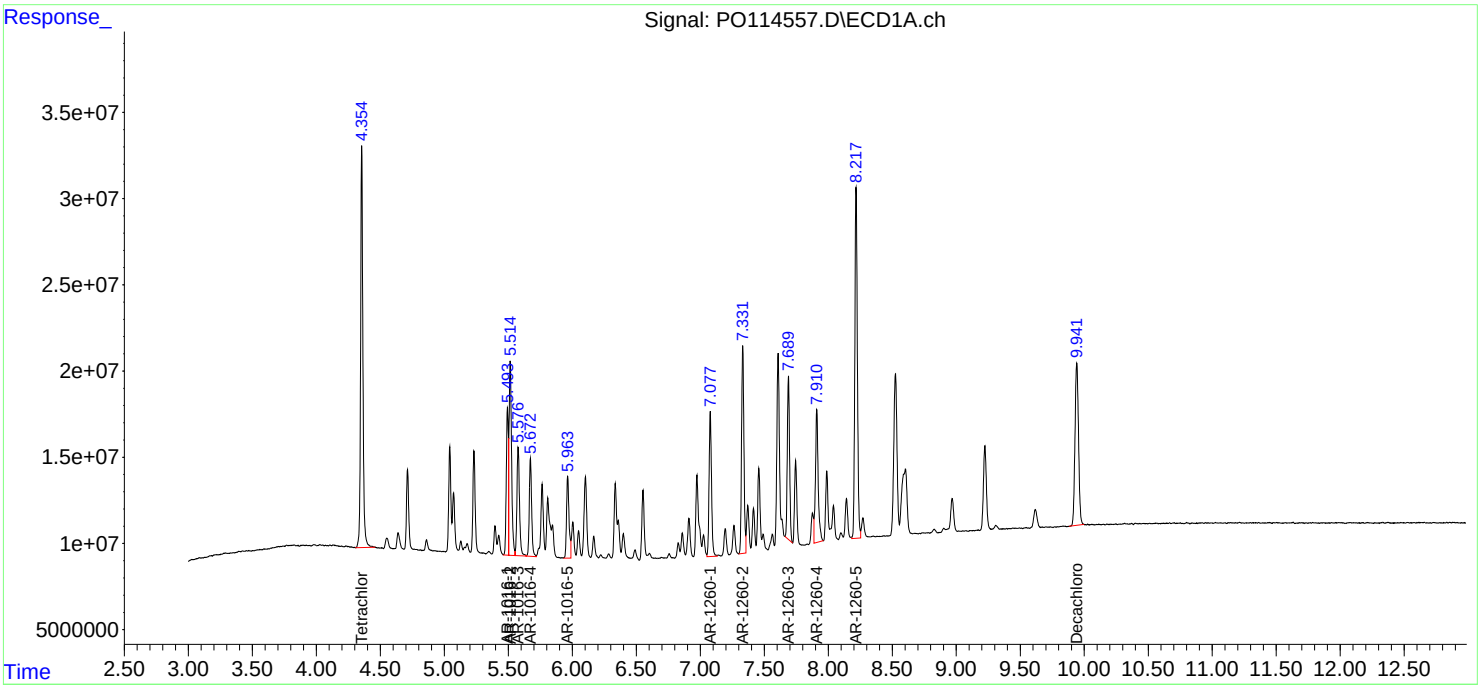
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

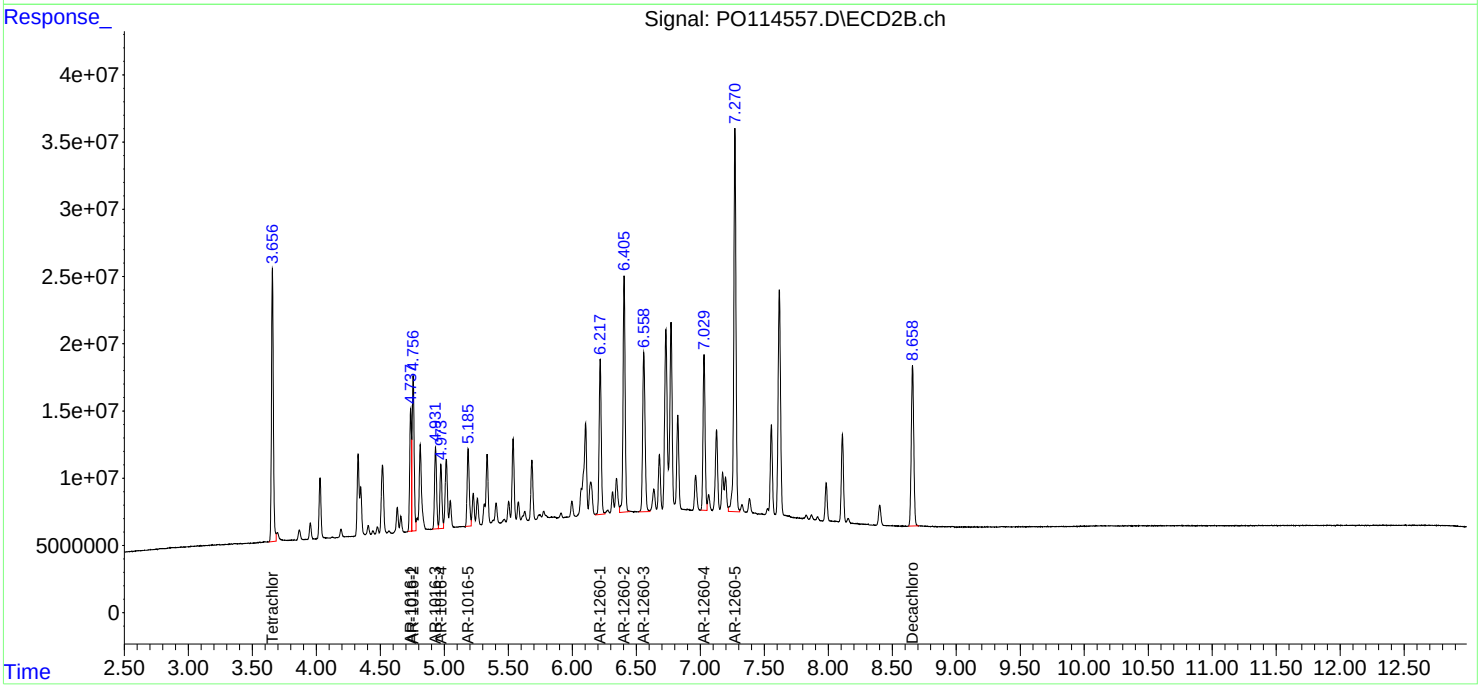
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 20:13
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

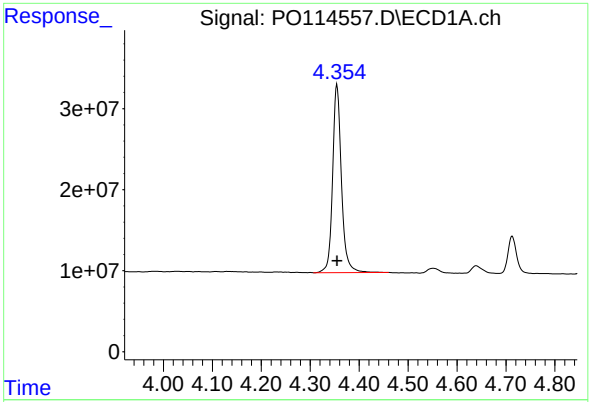
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:51:26 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



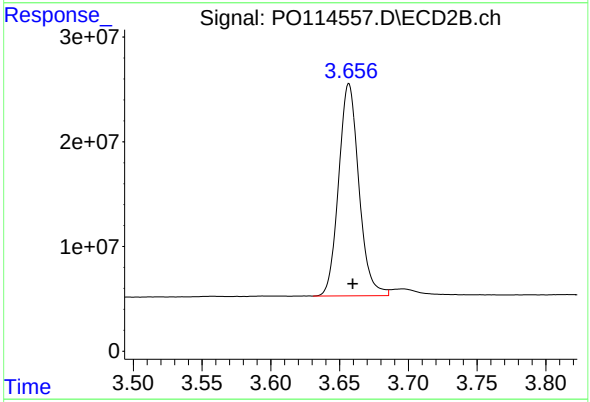




#1 Tetrachloro-m-xylene

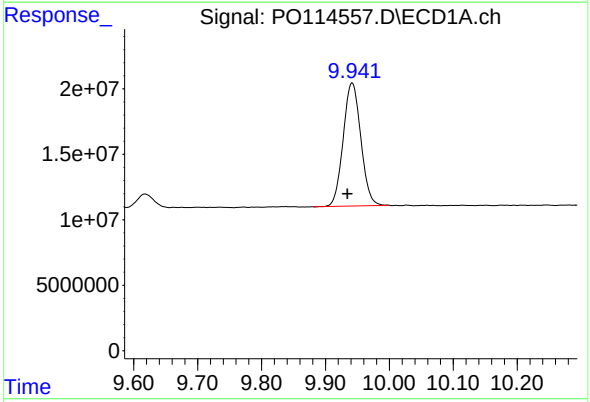
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 291950151
Conc: 53.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



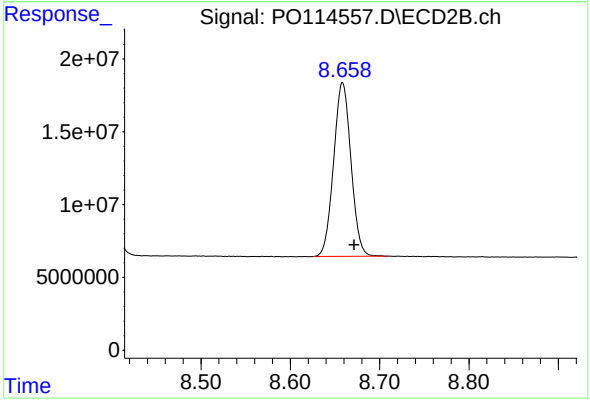
#1 Tetrachloro-m-xylene

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 207679922
Conc: 51.89 ng/ml



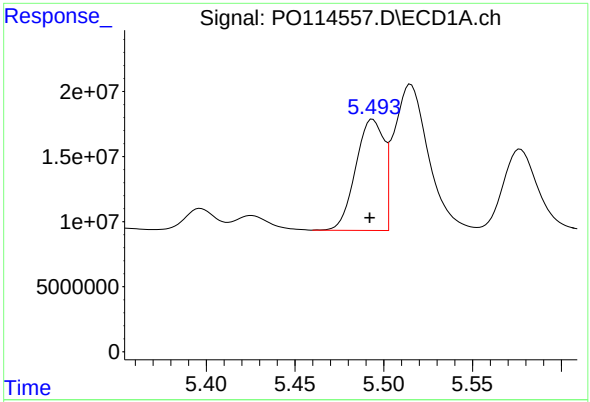
#2 Decachlorobiphenyl

R.T.: 9.942 min
Delta R.T.: 0.008 min
Response: 180049693
Conc: 49.45 ng/ml



#2 Decachlorobiphenyl

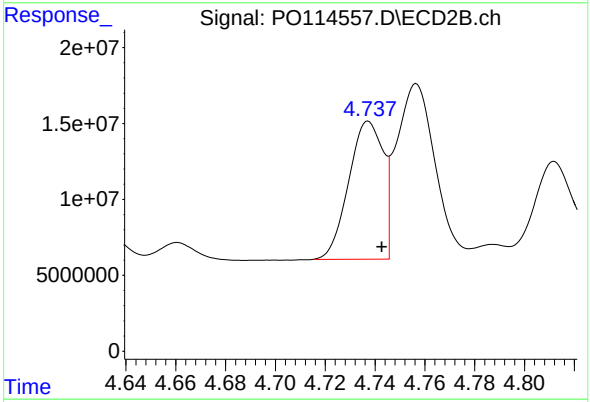
R.T.: 8.658 min
Delta R.T.: -0.013 min
Response: 161099553
Conc: 48.33 ng/ml



#3 AR-1016-1

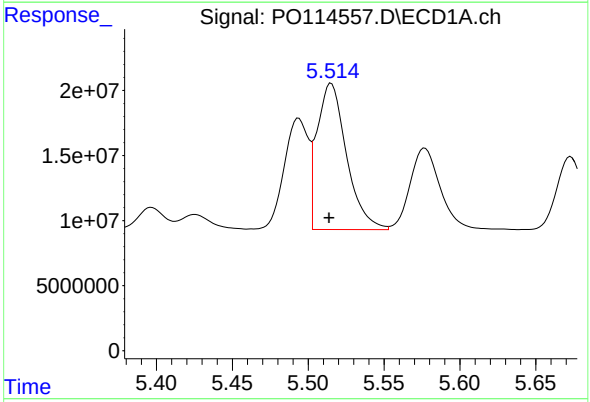
R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 94315751
Conc: 522.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



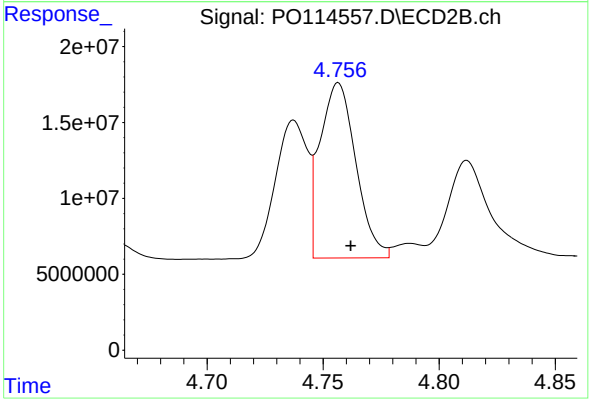
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 87479338
Conc: 519.52 ng/ml



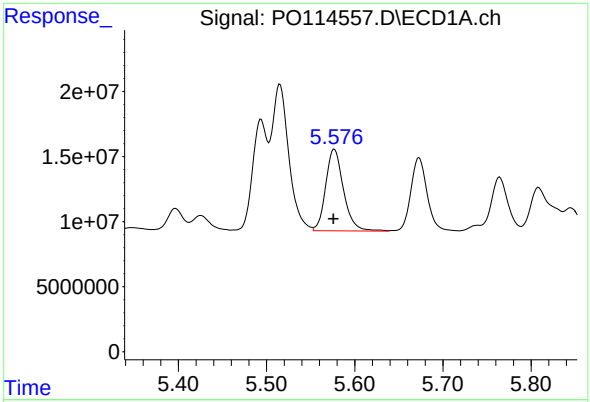
#4 AR-1016-2

R.T.: 5.515 min
Delta R.T.: 0.001 min
Response: 151974135
Conc: 499.43 ng/ml



#4 AR-1016-2

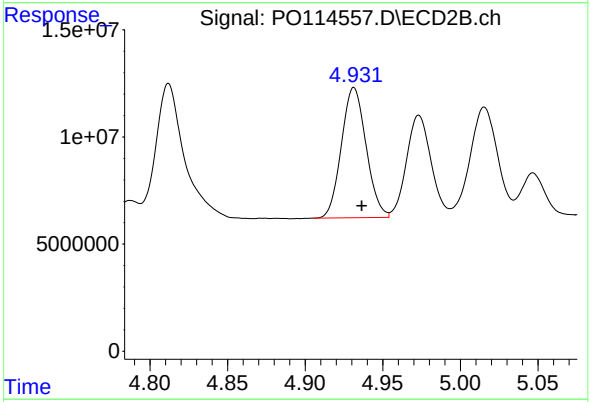
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 123953799
Conc: 512.13 ng/ml



#5 AR-1016-3

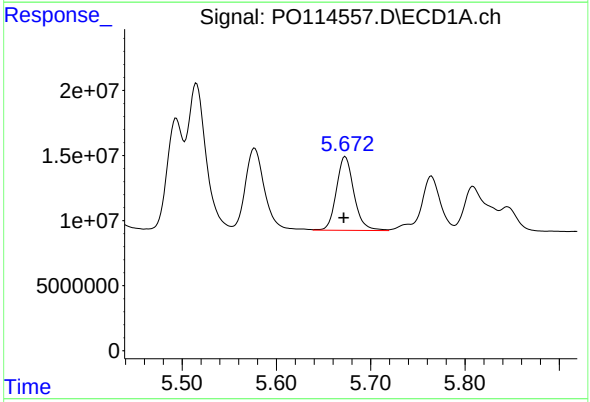
R.T.: 5.577 min
Delta R.T.: 0.001 min
Response: 88319295
Conc: 499.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



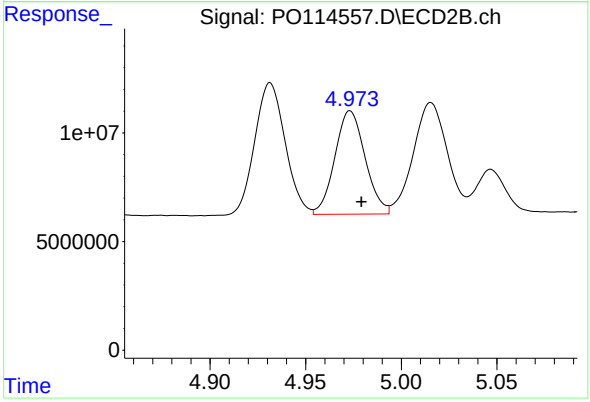
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: -0.005 min
Response: 67413859
Conc: 542.99 ng/ml



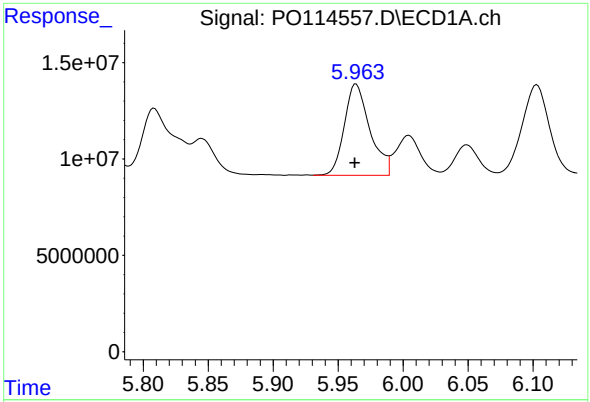
#6 AR-1016-4

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 73262821
Conc: 532.61 ng/ml



#6 AR-1016-4

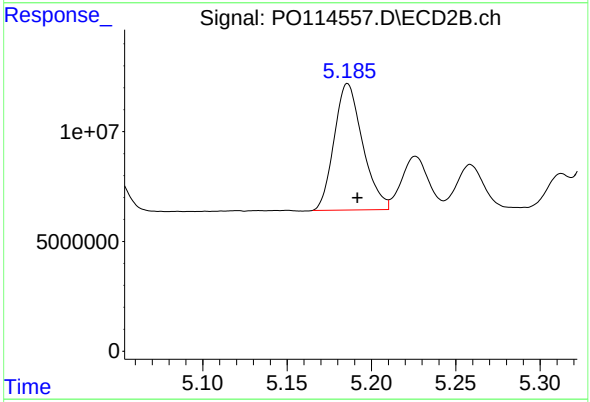
R.T.: 4.973 min
Delta R.T.: -0.006 min
Response: 52520772
Conc: 544.11 ng/ml



#7 AR-1016-5

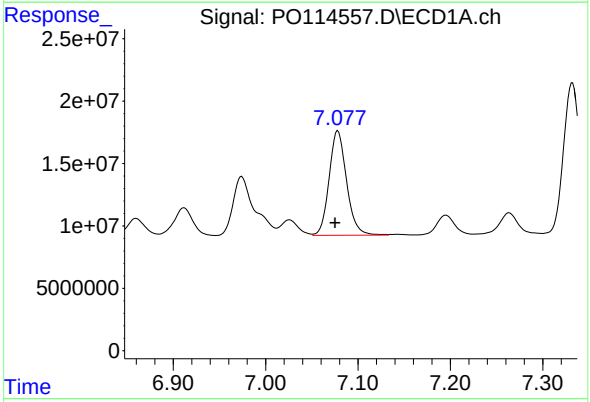
R.T.: 5.964 min
Delta R.T.: 0.001 min
Response: 64900835
Conc: 514.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



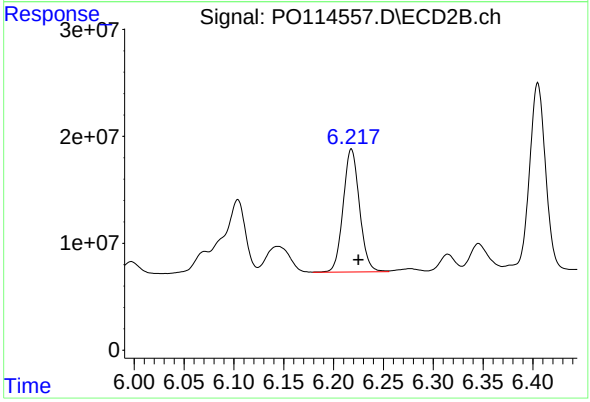
#7 AR-1016-5

R.T.: 5.186 min
Delta R.T.: -0.006 min
Response: 67779641
Conc: 530.13 ng/ml



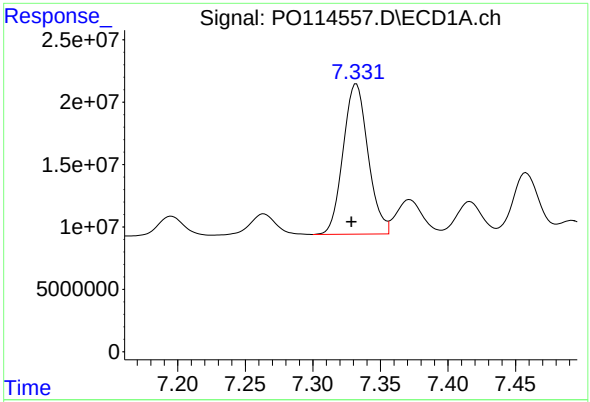
#31 AR-1260-1

R.T.: 7.078 min
Delta R.T.: 0.003 min
Response: 110307043
Conc: 506.16 ng/ml



#31 AR-1260-1

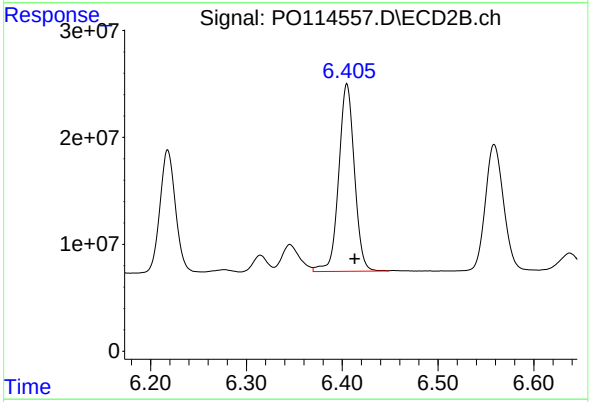
R.T.: 6.218 min
Delta R.T.: -0.007 min
Response: 131473018
Conc: 558.31 ng/ml



#32 AR-1260-2

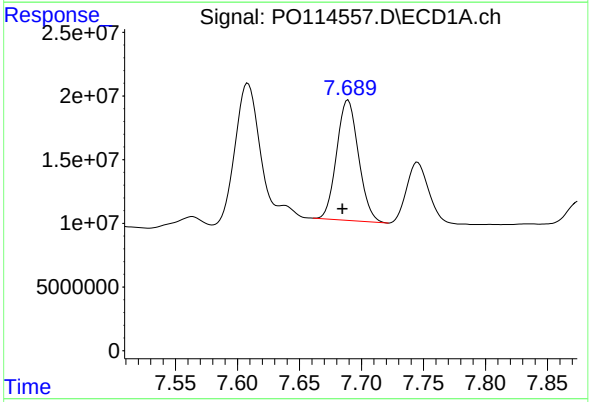
R.T.: 7.332 min
Delta R.T.: 0.004 min
Response: 154520315
Conc: 500.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



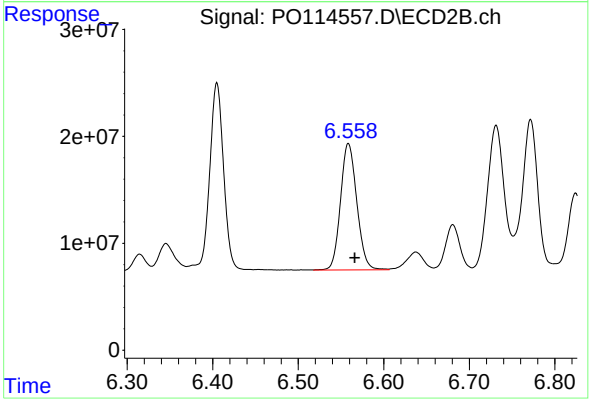
#32 AR-1260-2

R.T.: 6.405 min
Delta R.T.: -0.008 min
Response: 199207021
Conc: 595.73 ng/ml



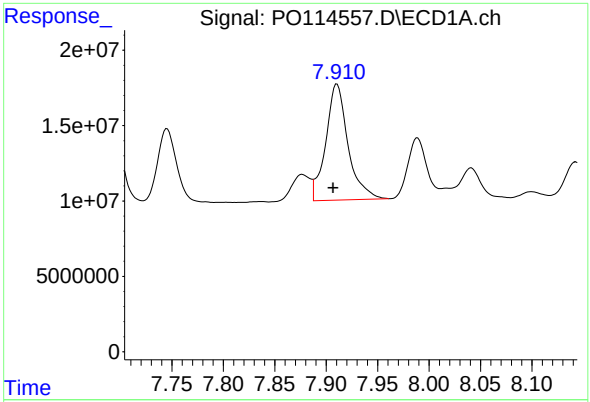
#33 AR-1260-3

R.T.: 7.689 min
Delta R.T.: 0.005 min
Response: 116037928
Conc: 452.44 ng/ml



#33 AR-1260-3

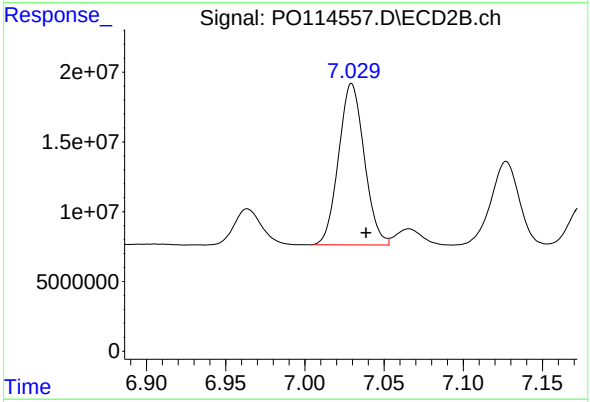
R.T.: 6.559 min
Delta R.T.: -0.007 min
Response: 156483339
Conc: 530.56 ng/ml



#34 AR-1260-4

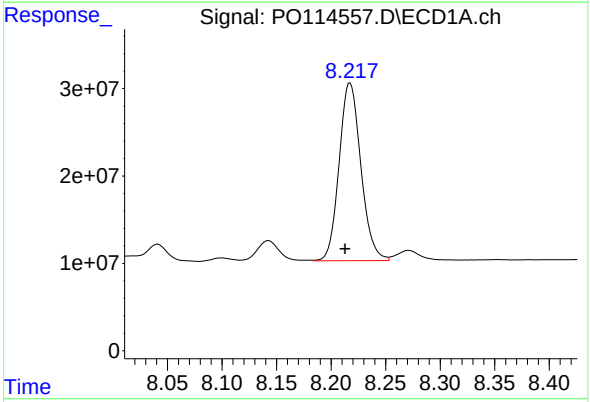
R.T.: 7.910 min
Delta R.T.: 0.004 min
Response: 115898172
Conc: 497.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



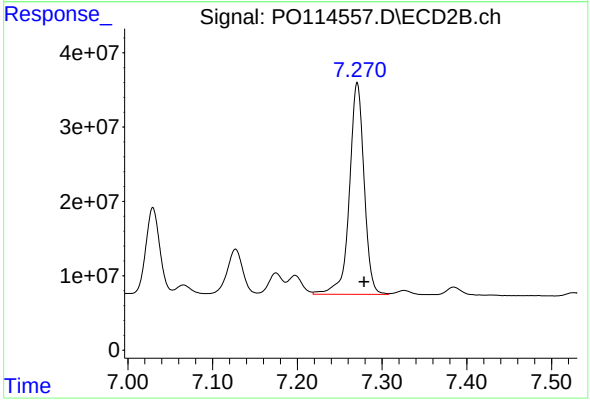
#34 AR-1260-4

R.T.: 7.030 min
Delta R.T.: -0.009 min
Response: 130335961
Conc: 584.70 ng/ml



#35 AR-1260-5

R.T.: 8.217 min
Delta R.T.: 0.005 min
Response: 282510224
Conc: 486.95 ng/ml



#35 AR-1260-5

R.T.: 7.271 min
Delta R.T.: -0.008 min
Response: 342644068
Conc: 559.00 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

Continuing Calib Date: 10/21/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 23:49 **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)	5.52	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.58	5.58	5.48	5.68	0.00
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)	7.08	7.08	6.98	7.18	0.00
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	0.00
Aroclor-1260-4	(4)	7.91	7.91	7.81	8.01	0.00
Aroclor-1260-5	(5)	8.22	8.21	8.11	8.31	-0.01
Tetrachloro-m-xylene		4.35	4.36	4.26	4.46	0.01
Decachlorobiphenyl		9.94	9.93	9.83	10.03	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

Continuing Calib Date: 10/21/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 23:49 **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)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
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)	5.19	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.22	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-3	(3)	6.56	6.57	6.47	6.67	0.01
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	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.66	8.67	8.57	8.77	0.01

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.:** Q3393

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114565.D **Time Analyzed:** 23:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.493	5.392	5.592	550.940	500.000	10.2
Aroclor-1016-2	5.515	5.414	5.614	525.580	500.000	5.1
Aroclor-1016-3	5.577	5.476	5.676	527.690	500.000	5.5
Aroclor-1016-4	5.672	5.571	5.771	557.630	500.000	11.5
Aroclor-1016-5	5.964	5.863	6.063	543.990	500.000	8.8
Aroclor-1260-1	7.077	6.975	7.175	536.150	500.000	7.2
Aroclor-1260-2	7.331	7.229	7.429	525.470	500.000	5.1
Aroclor-1260-3	7.689	7.585	7.785	465.140	500.000	-7.0
Aroclor-1260-4	7.910	7.807	8.007	515.720	500.000	3.1
Aroclor-1260-5	8.217	8.113	8.313	502.000	500.000	0.4
Decachlorobiphenyl	9.941	9.834	10.034	50.980	50.000	2.0
Tetrachloro-m-xylene	4.354	4.255	4.455	55.600	50.000	11.2

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.:** Q3393

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114565.D **Time Analyzed:** 23:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.737	4.643	4.843	529.290	500.000	5.9
Aroclor-1016-2	4.756	4.662	4.862	519.570	500.000	3.9
Aroclor-1016-3	4.931	4.836	5.036	555.390	500.000	11.1
Aroclor-1016-4	4.973	4.879	5.079	551.540	500.000	10.3
Aroclor-1016-5	5.185	5.092	5.292	556.390	500.000	11.3
Aroclor-1260-1	6.216	6.125	6.325	585.790	500.000	17.2
Aroclor-1260-2	6.404	6.313	6.513	627.550	500.000	25.5
Aroclor-1260-3	6.558	6.466	6.666	554.840	500.000	11.0
Aroclor-1260-4	7.029	6.939	7.139	604.360	500.000	20.9
Aroclor-1260-5	7.269	7.179	7.379	583.300	500.000	16.7
Decachlorobiphenyl	8.658	8.571	8.771	50.050	50.000	0.1
Tetrachloro-m-xylene	3.656	3.560	3.760	52.850	50.000	5.7

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 23:49
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 22 09:05:08 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...	4.354	3.656	301.9E6	211.5E6	55.602	52.847
2)	SA Decachlor...	9.941	8.658	185.6E6	166.8E6	50.984	50.047
	Target Compounds						
3)	L1 AR-1016-1	5.493	4.737	99366019	89124009	550.939	529.289
4)	L1 AR-1016-2	5.515	4.756	159.9E6	125.8E6	525.579	519.572
5)	L1 AR-1016-3	5.577	4.931	93323966	68953564	527.695	555.389
6)	L1 AR-1016-4	5.672	4.973	76704186	53237258	557.628	551.536
7)	L1 AR-1016-5	5.964	5.185	68687357	71137861	543.991	556.393
31)	L7 AR-1260-1	7.077	6.216	116.8E6	137.9E6	536.149	585.792
32)	L7 AR-1260-2	7.331	6.404	162.1E6	209.8E6	525.468	627.547
33)	L7 AR-1260-3	7.689	6.558	119.3E6	163.6E6	465.136	554.840
34)	L7 AR-1260-4	7.910	7.029	120.1E6	134.7E6	515.722	604.355
35)	L7 AR-1260-5	8.217	7.269	291.2E6	357.5E6	502.004	583.304

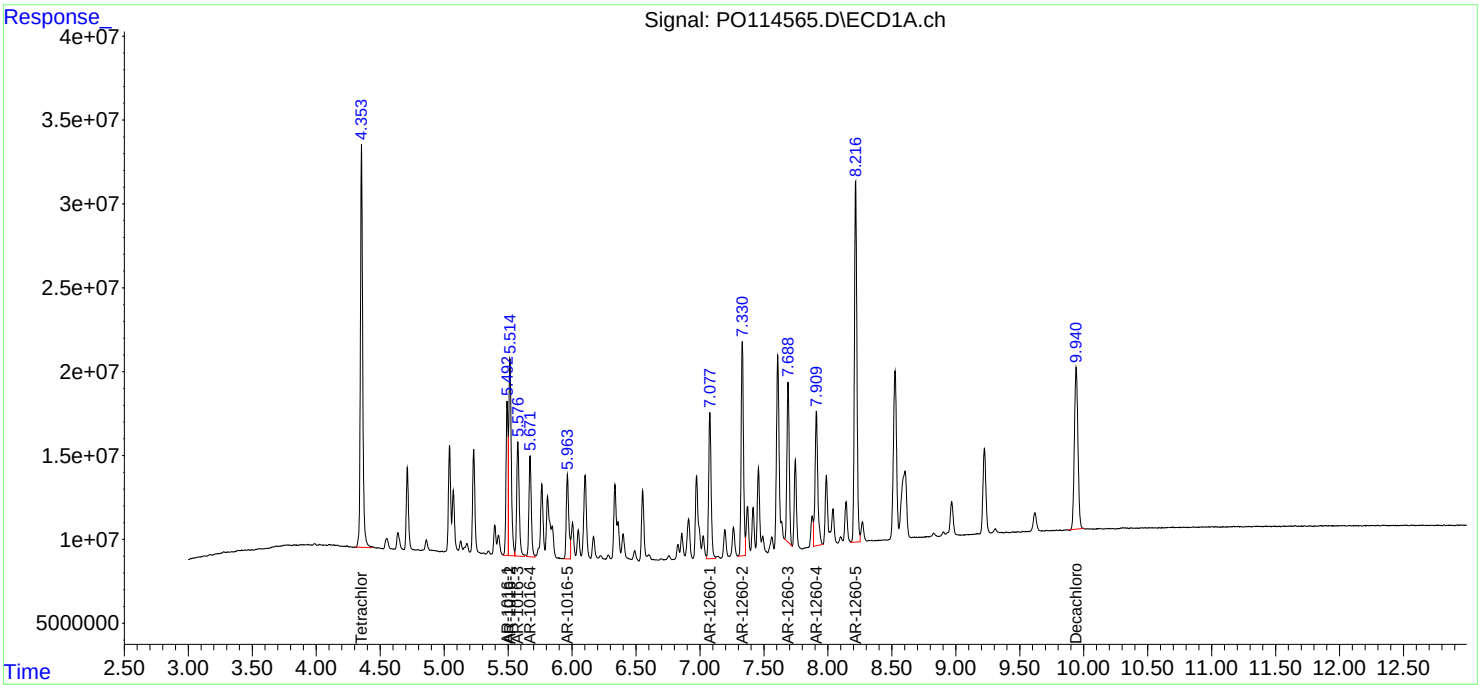
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

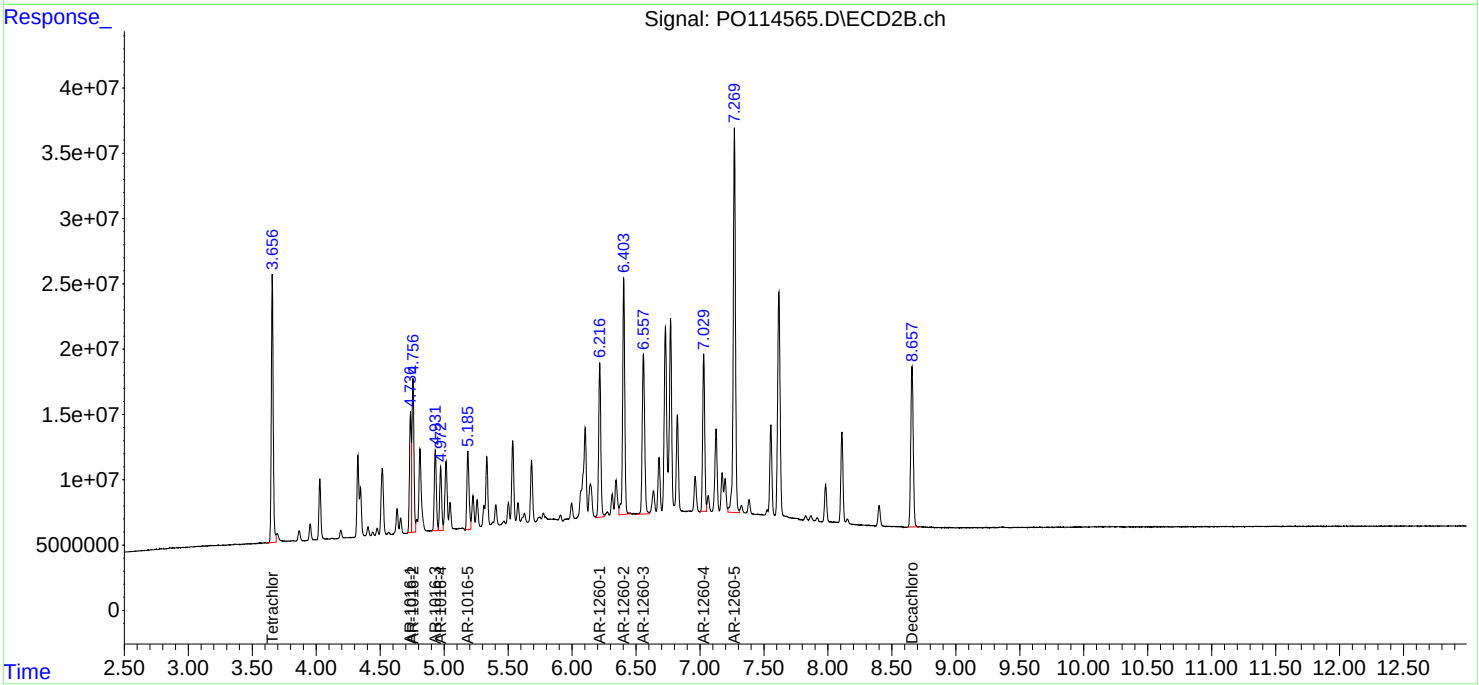
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 23:49
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

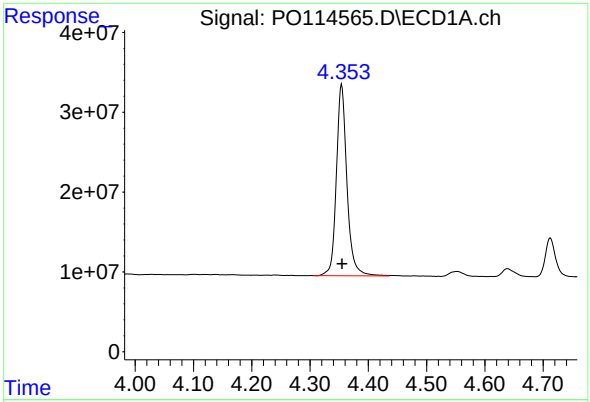
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 09:05:08 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



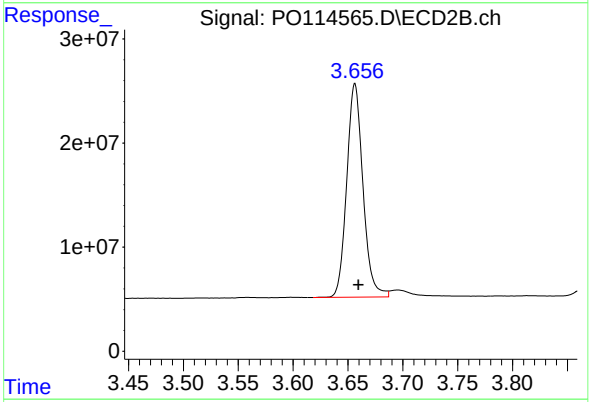




#1 Tetrachloro-m-xylene

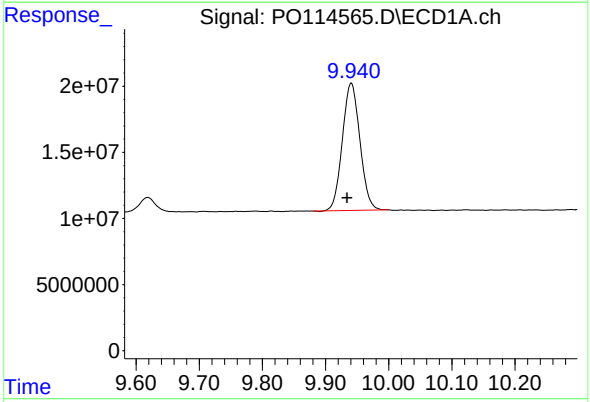
R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 301859711
Conc: 55.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



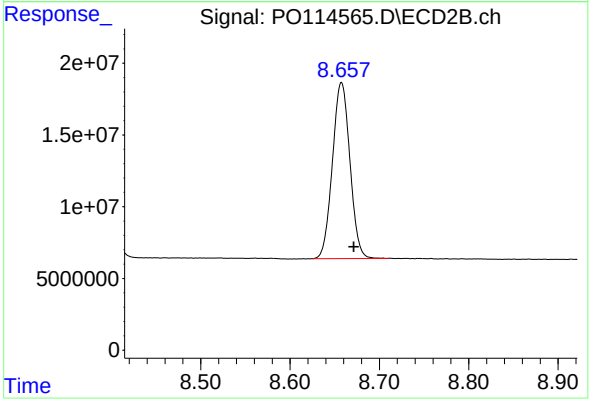
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: -0.003 min
Response: 211505502
Conc: 52.85 ng/ml



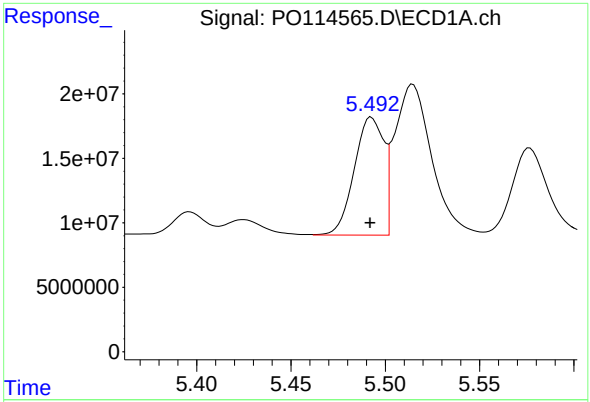
#2 Decachlorobiphenyl

R.T.: 9.941 min
Delta R.T.: 0.007 min
Response: 185639811
Conc: 50.98 ng/ml



#2 Decachlorobiphenyl

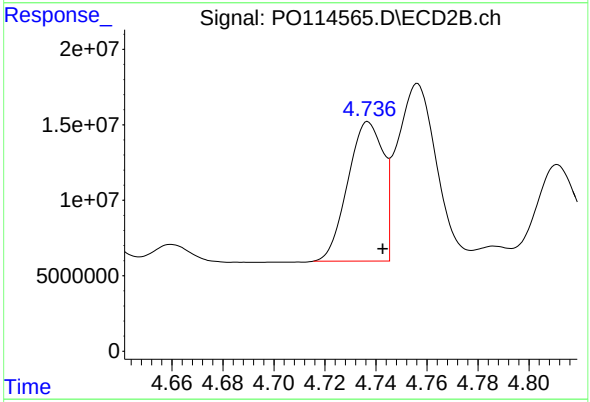
R.T.: 8.658 min
Delta R.T.: -0.014 min
Response: 166815875
Conc: 50.05 ng/ml



#3 AR-1016-1

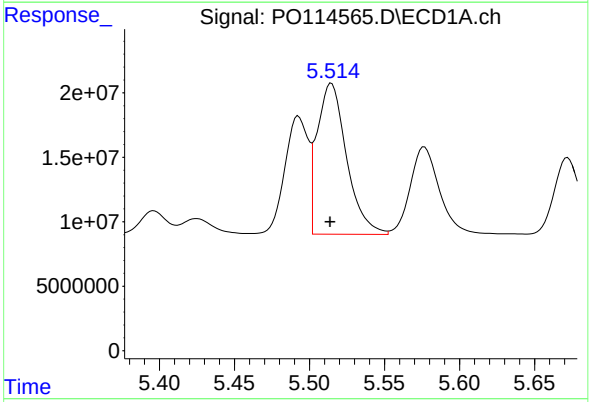
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 99366019
Conc: 550.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



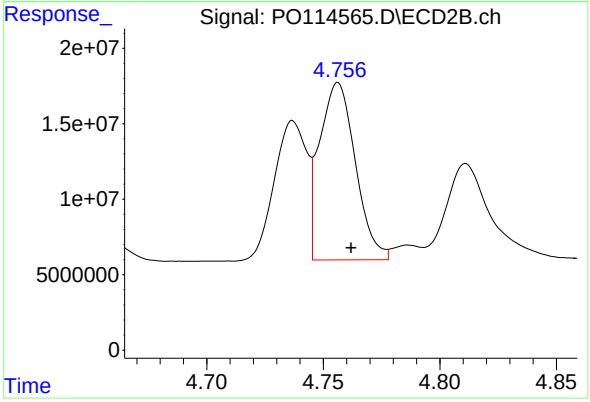
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 89124009
Conc: 529.29 ng/ml



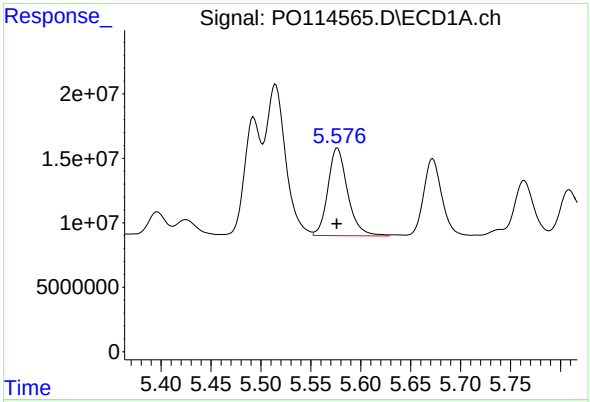
#4 AR-1016-2

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 159932428
Conc: 525.58 ng/ml



#4 AR-1016-2

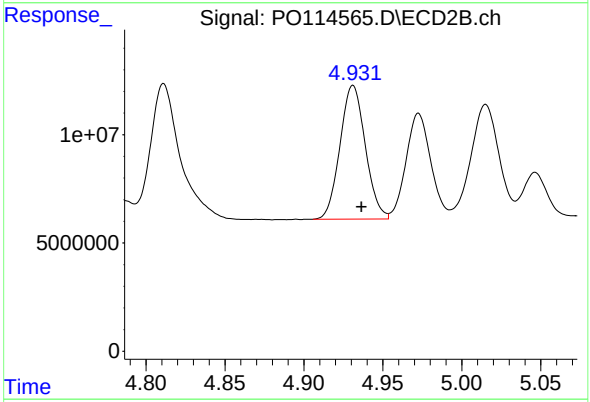
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 125755096
Conc: 519.57 ng/ml



#5 AR-1016-3

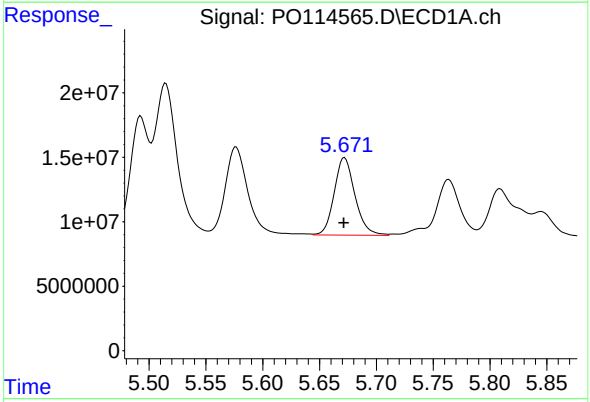
R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 93323966
Conc: 527.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



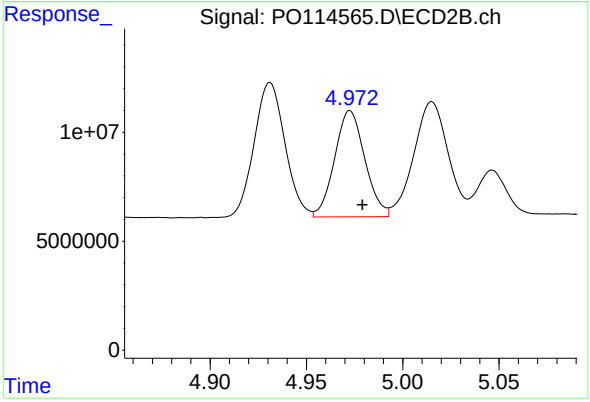
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: -0.005 min
Response: 68953564
Conc: 555.39 ng/ml



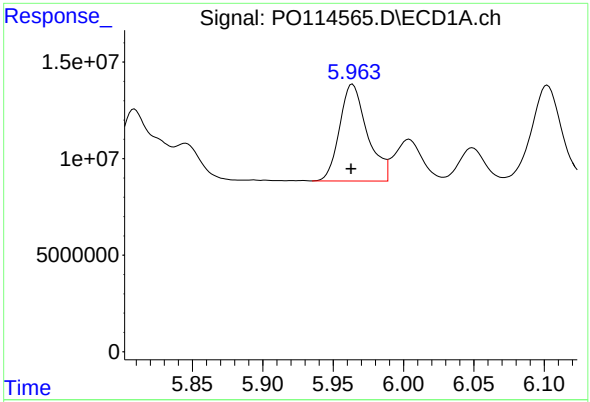
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 76704186
Conc: 557.63 ng/ml



#6 AR-1016-4

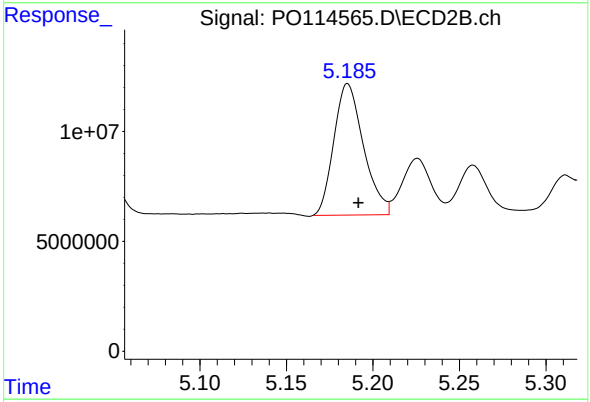
R.T.: 4.973 min
Delta R.T.: -0.007 min
Response: 53237258
Conc: 551.54 ng/ml



#7 AR-1016-5

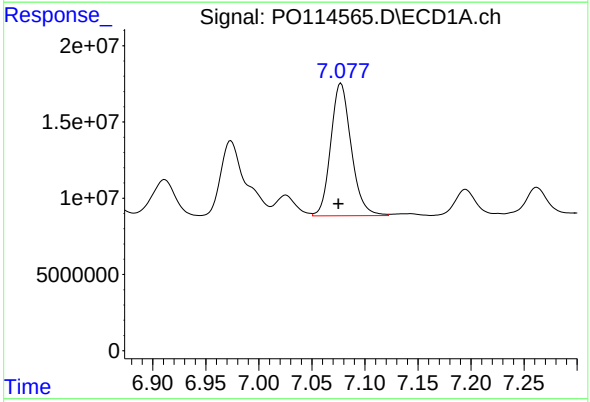
R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 68687357
Conc: 543.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



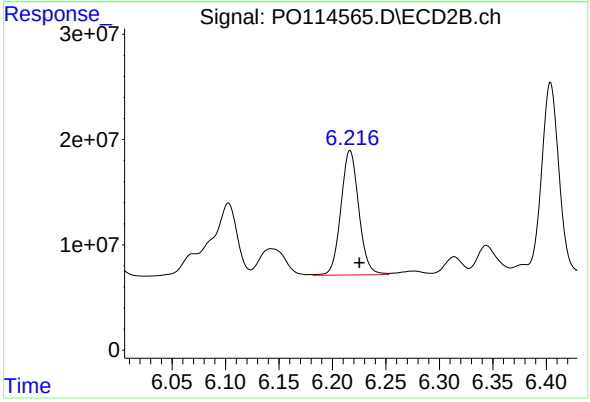
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: -0.006 min
Response: 71137861
Conc: 556.39 ng/ml



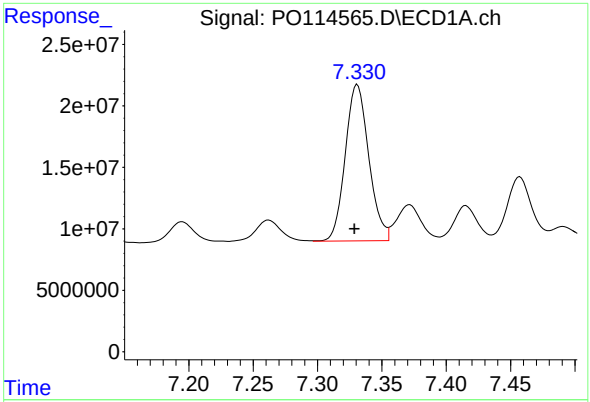
#31 AR-1260-1

R.T.: 7.077 min
Delta R.T.: 0.002 min
Response: 116843562
Conc: 536.15 ng/ml



#31 AR-1260-1

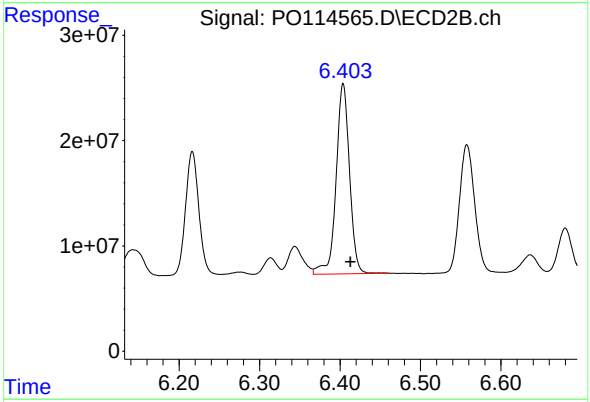
R.T.: 6.216 min
Delta R.T.: -0.009 min
Response: 137944273
Conc: 585.79 ng/ml



#32 AR-1260-2

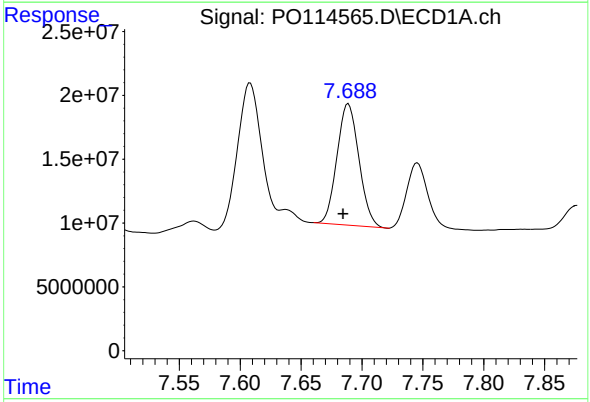
R.T.: 7.331 min
Delta R.T.: 0.002 min
Response: 162109345
Conc: 525.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



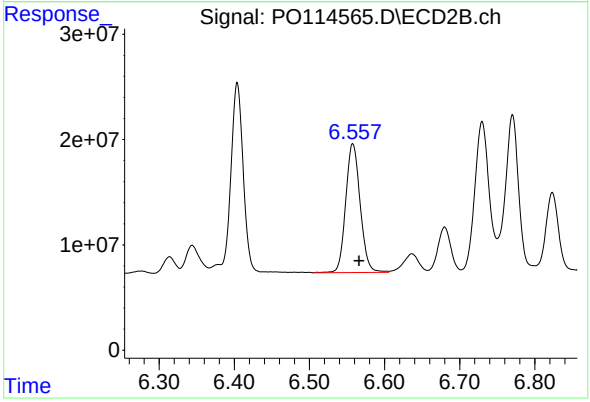
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: -0.009 min
Response: 209844643
Conc: 627.55 ng/ml



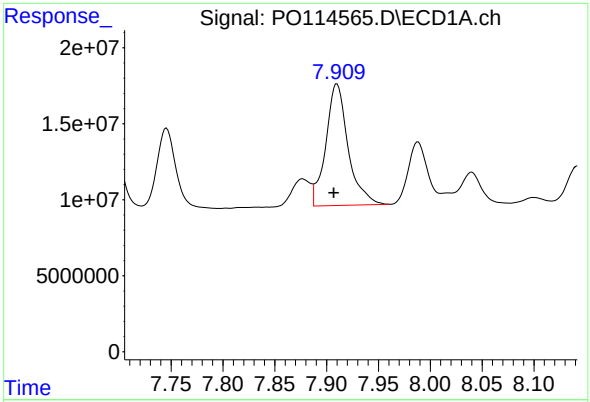
#33 AR-1260-3

R.T.: 7.689 min
Delta R.T.: 0.004 min
Response: 119293529
Conc: 465.14 ng/ml



#33 AR-1260-3

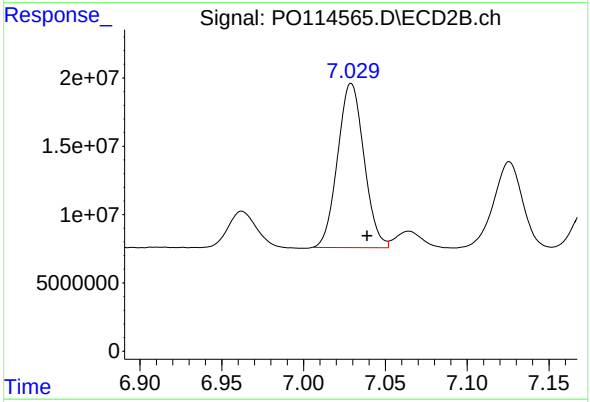
R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 163645082
Conc: 554.84 ng/ml



#34 AR-1260-4

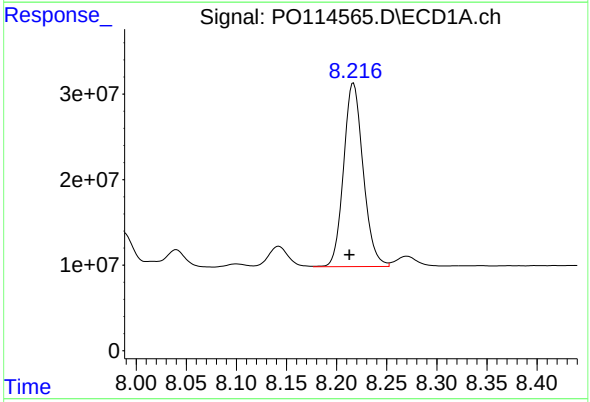
R.T.: 7.910 min
Delta R.T.: 0.003 min
Response: 120121805
Conc: 515.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



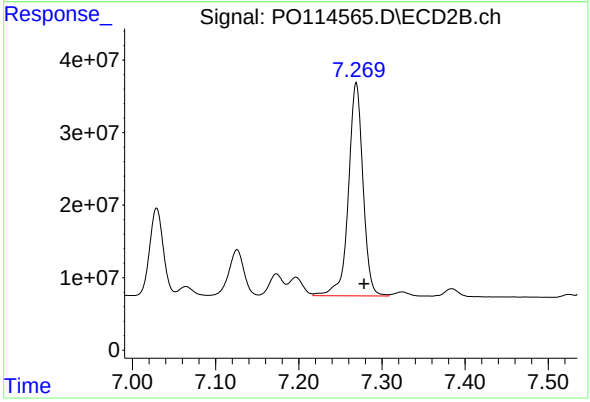
#34 AR-1260-4

R.T.: 7.029 min
Delta R.T.: -0.010 min
Response: 134716359
Conc: 604.36 ng/ml



#35 AR-1260-5

R.T.: 8.217 min
Delta R.T.: 0.004 min
Response: 291242811
Conc: 502.00 ng/ml



#35 AR-1260-5

R.T.: 7.269 min
Delta R.T.: -0.010 min
Response: 357543037
Conc: 583.30 ng/ml

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.:** Q3393

Continuing Calib Date: 10/21/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 11:06 **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

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.:** Q3393

Continuing Calib Date: 10/21/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 11:06 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.78	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.:** Q3393

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071029.D **Time Analyzed:** 11:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.480	4.380	4.580	528.530	500.000	5.7
Aroclor-1016-2	4.499	4.399	4.599	530.130	500.000	6.0
Aroclor-1016-3	4.557	4.456	4.656	543.840	500.000	8.8
Aroclor-1016-4	4.646	4.546	4.746	538.840	500.000	7.8
Aroclor-1016-5	4.931	4.831	5.031	538.570	500.000	7.7
Aroclor-1260-1	6.021	5.919	6.119	525.500	500.000	5.1
Aroclor-1260-2	6.277	6.175	6.375	523.040	500.000	4.6
Aroclor-1260-3	6.628	6.526	6.726	550.320	500.000	10.1
Aroclor-1260-4	6.841	6.740	6.940	559.640	500.000	11.9
Aroclor-1260-5	7.146	7.045	7.245	545.310	500.000	9.1
Decachlorobiphenyl	8.496	8.396	8.596	54.800	50.000	9.6
Tetrachloro-m-xylene	3.400	3.300	3.500	54.570	50.000	9.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071029.D **Time Analyzed:** 11:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.777	3.678	3.878	447.820	500.000	-10.4
Aroclor-1016-2	3.792	3.693	3.893	454.090	500.000	-9.2
Aroclor-1016-3	3.952	3.853	4.053	469.870	500.000	-6.0
Aroclor-1016-4	4.001	3.902	4.102	479.910	500.000	-4.0
Aroclor-1016-5	4.196	4.097	4.297	467.650	500.000	-6.5
Aroclor-1260-1	5.188	5.089	5.289	465.160	500.000	-7.0
Aroclor-1260-2	5.377	5.278	5.478	457.420	500.000	-8.5
Aroclor-1260-3	5.519	5.419	5.619	464.910	500.000	-7.0
Aroclor-1260-4	5.979	5.879	6.079	468.670	500.000	-6.3
Aroclor-1260-5	6.223	6.124	6.324	462.640	500.000	-7.5
Decachlorobiphenyl	7.533	7.433	7.633	54.060	50.000	8.1
Tetrachloro-m-xylene	2.777	2.678	2.878	49.880	50.000	-0.2

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:06
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 13:42:40 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	2.777	237.4E6	253.4E6	54.568	49.876
2)	SA Decachlor...	8.496	7.533	159.1E6	273.0E6	54.799	54.064
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.777	86754467	100.3E6	528.527	447.816
4)	L1 AR-1016-2	4.499	3.792	135.9E6	154.4E6	530.130	454.094
5)	L1 AR-1016-3	4.557	3.952	86535541	85449742	543.844	469.868
6)	L1 AR-1016-4	4.646	4.001	70011416	75543856	538.843	479.910
7)	L1 AR-1016-5	4.931	4.196	69369001	89715287	538.567	467.652
31)	L7 AR-1260-1	6.021	5.188	123.2E6	167.6E6	525.496	465.158
32)	L7 AR-1260-2	6.277	5.377	144.7E6	201.3E6	523.037	457.420
33)	L7 AR-1260-3	6.628	5.519	109.7E6	192.9E6	550.319	464.906
34)	L7 AR-1260-4	6.841	5.979	120.3E6	168.6E6	559.637	468.669
35)	L7 AR-1260-5	7.146	6.223	236.5E6	388.7E6	545.310	462.640

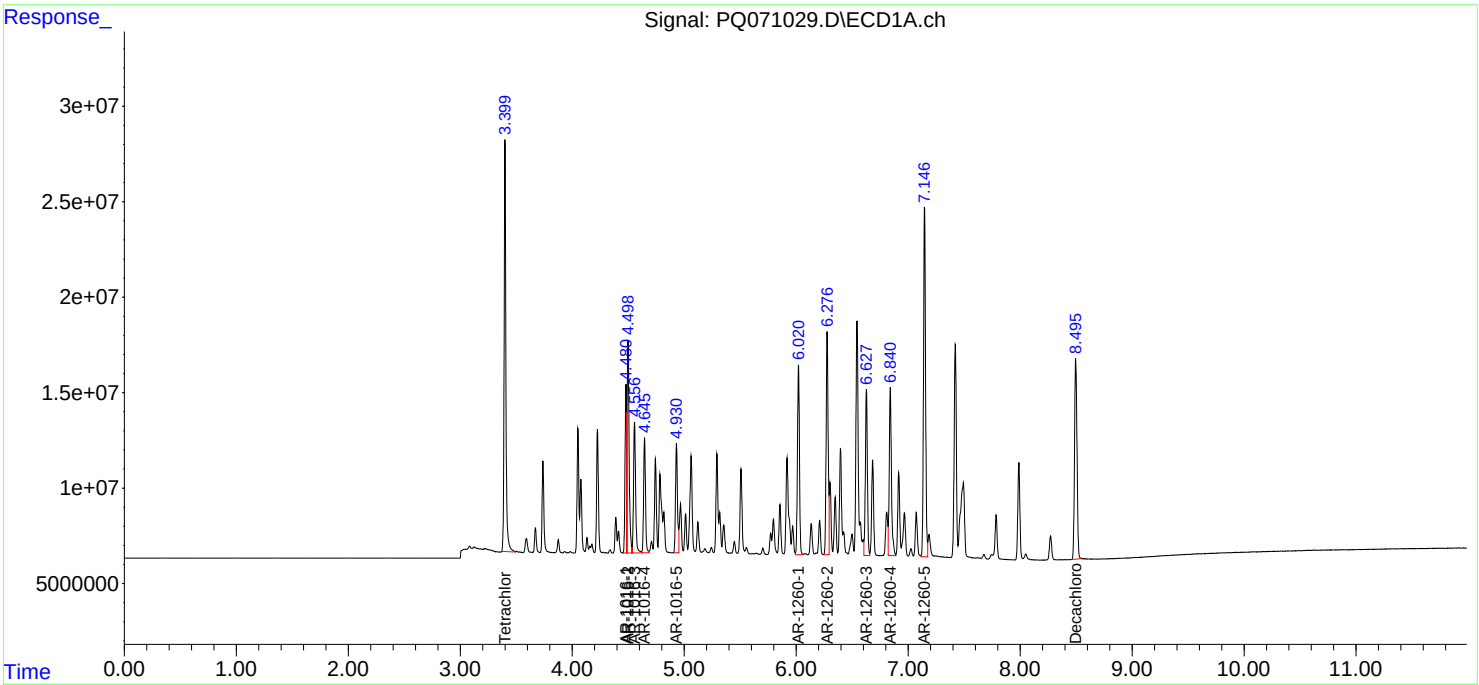
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

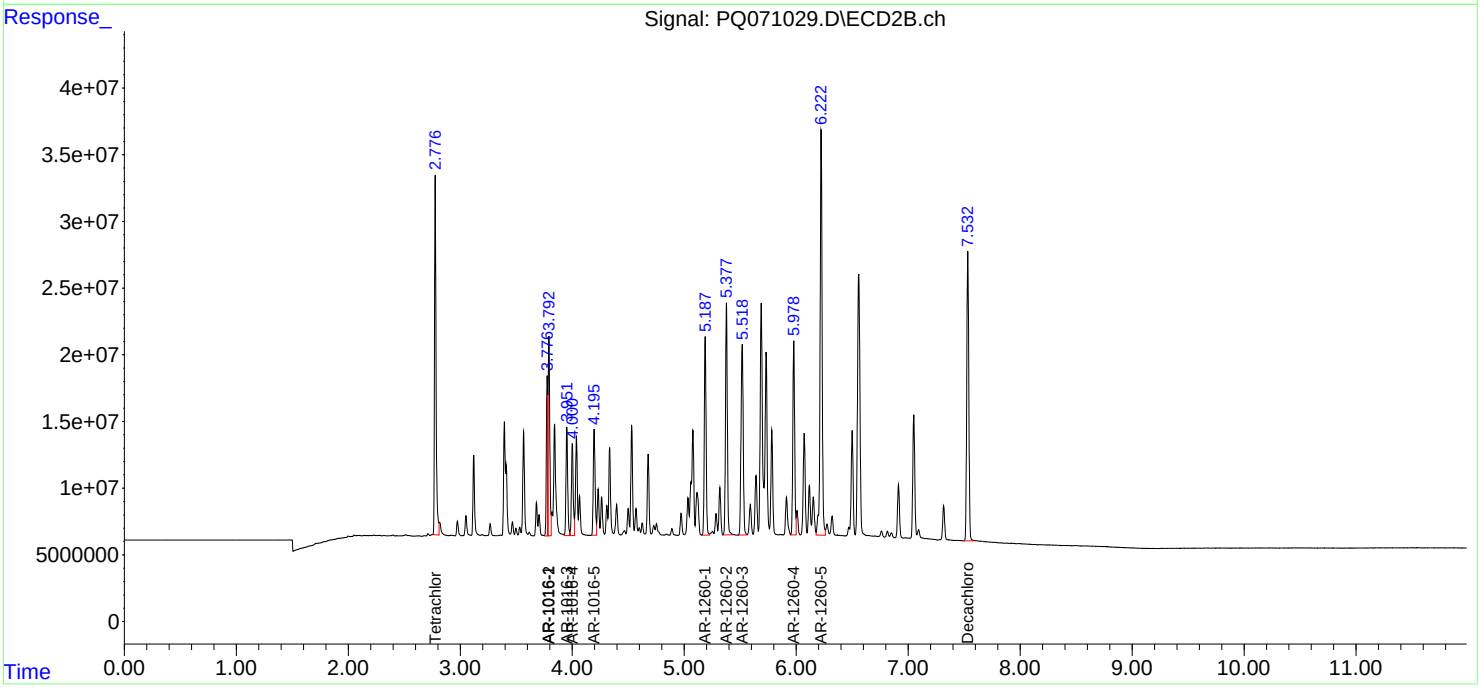
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:06
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 42 Sample Multiplier: 1

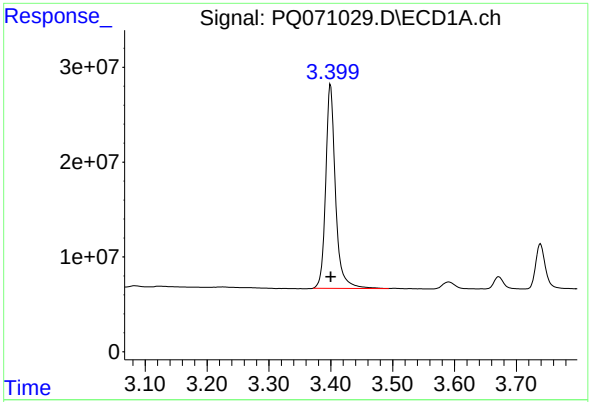
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 13:42:40 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



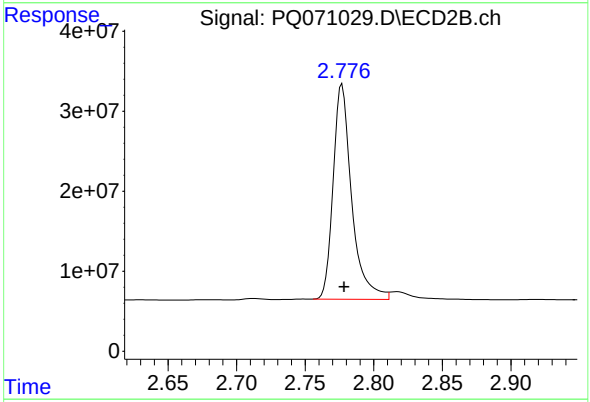




#1 Tetrachloro-m-xylene

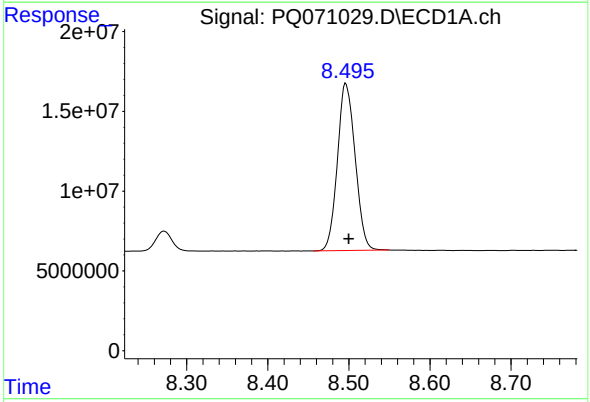
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 237386774
Conc: 54.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



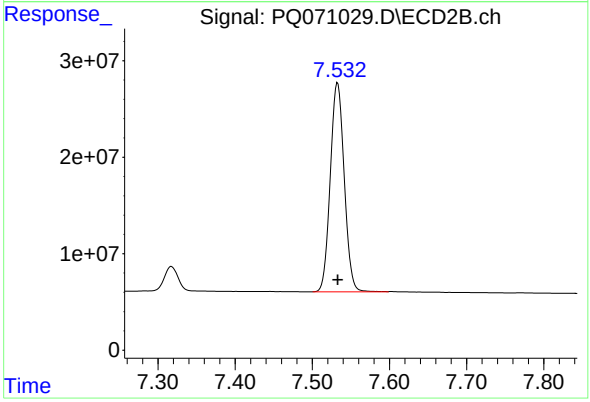
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.001 min
Response: 253371590
Conc: 49.88 ng/ml



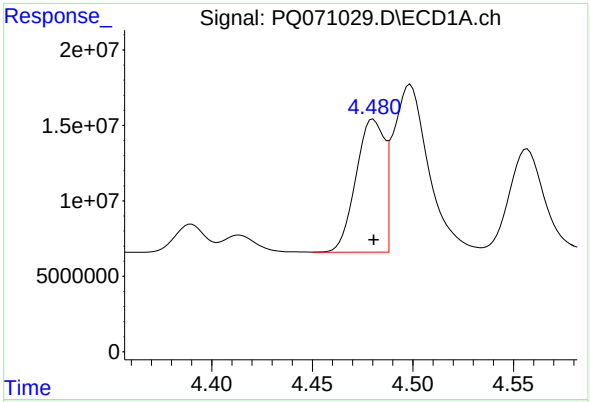
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 159135611
Conc: 54.80 ng/ml



#2 Decachlorobiphenyl

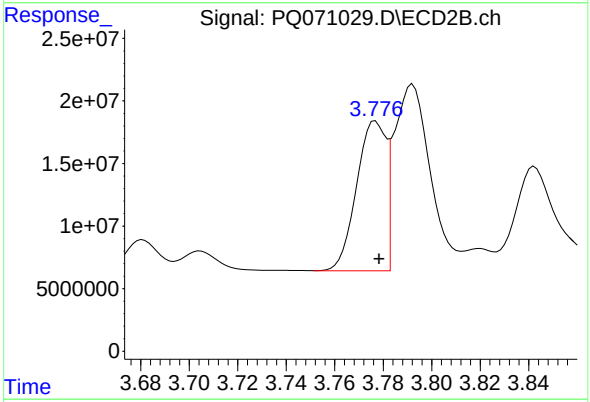
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 272997234
Conc: 54.06 ng/ml



#3 AR-1016-1

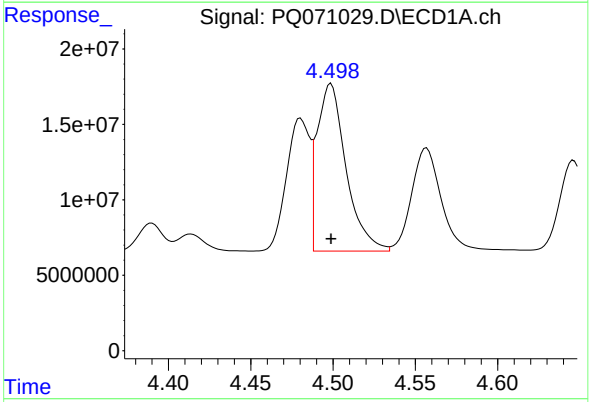
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 86754467
Conc: 528.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



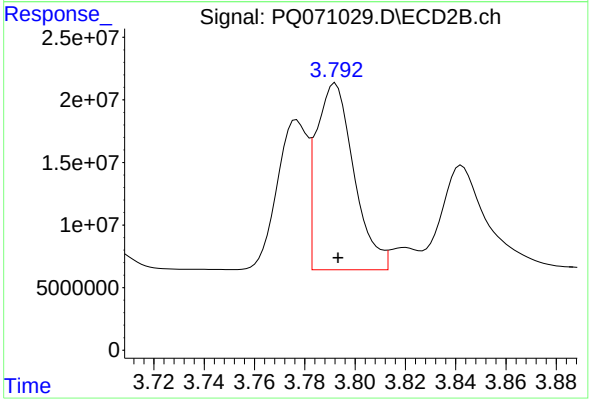
#3 AR-1016-1

R.T.: 3.777 min
Delta R.T.: -0.001 min
Response: 100311662
Conc: 447.82 ng/ml



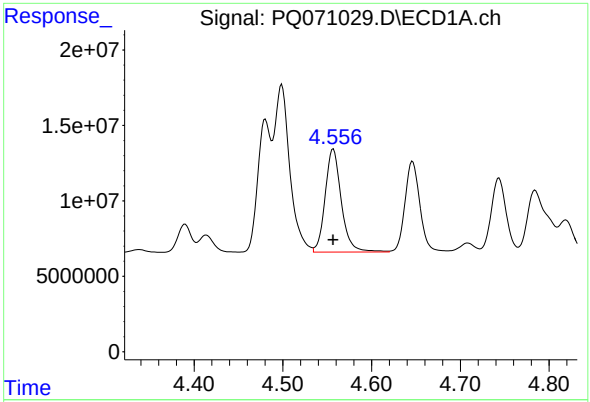
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 135869317
Conc: 530.13 ng/ml



#4 AR-1016-2

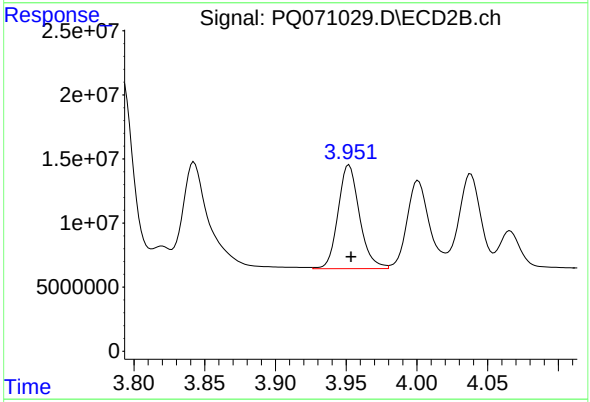
R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 154447668
Conc: 454.09 ng/ml



#5 AR-1016-3

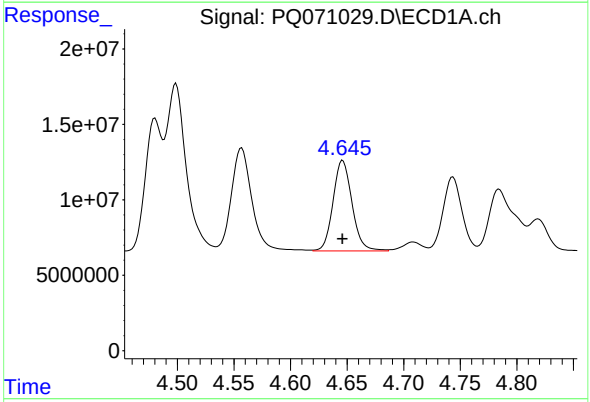
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 86535541
Conc: 543.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



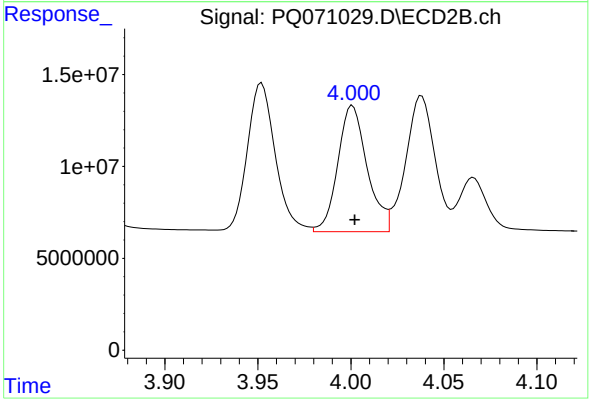
#5 AR-1016-3

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 85449742
Conc: 469.87 ng/ml



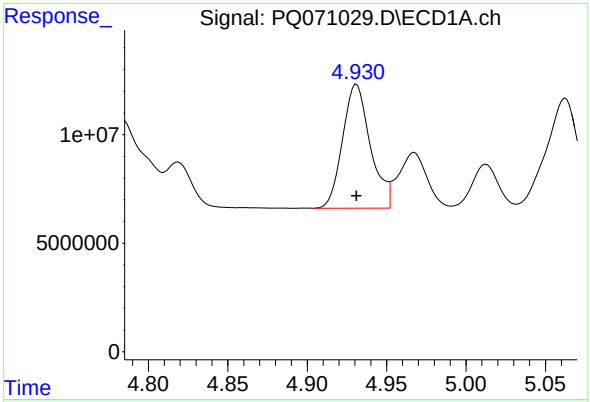
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 70011416
Conc: 538.84 ng/ml



#6 AR-1016-4

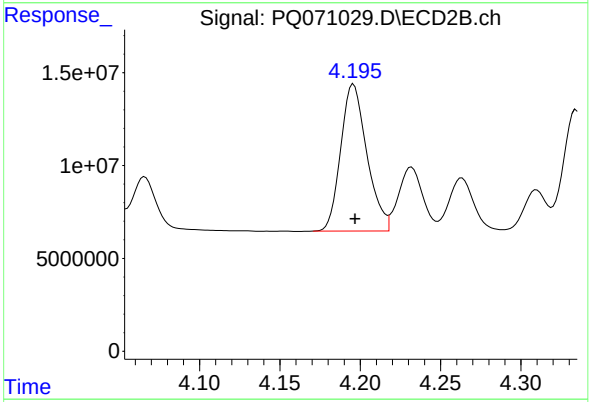
R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 75543856
Conc: 479.91 ng/ml



#7 AR-1016-5

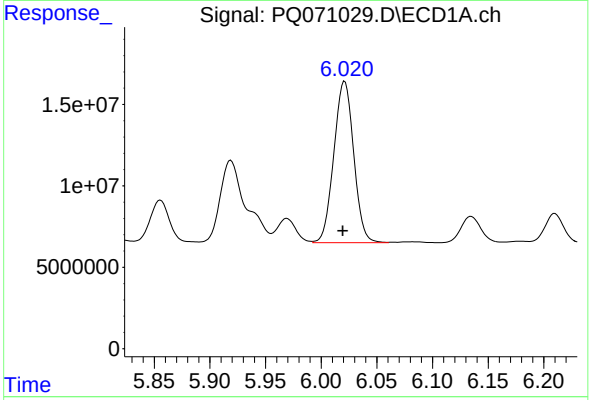
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 69369001
Conc: 538.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



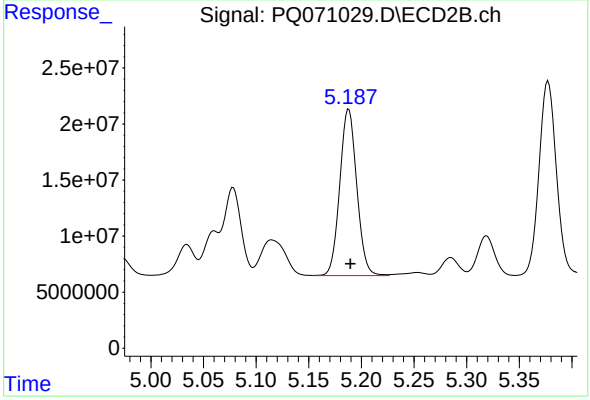
#7 AR-1016-5

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 89715287
Conc: 467.65 ng/ml



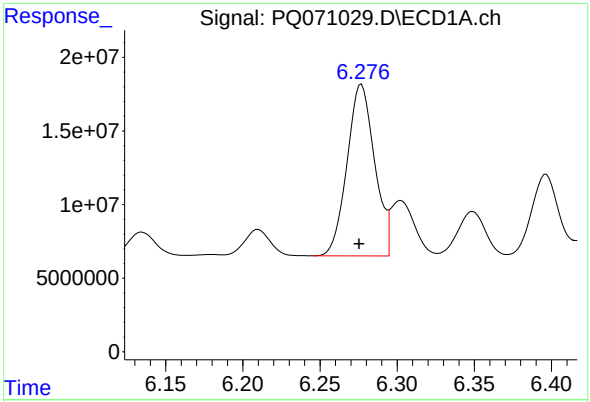
#31 AR-1260-1

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 123213504
Conc: 525.50 ng/ml



#31 AR-1260-1

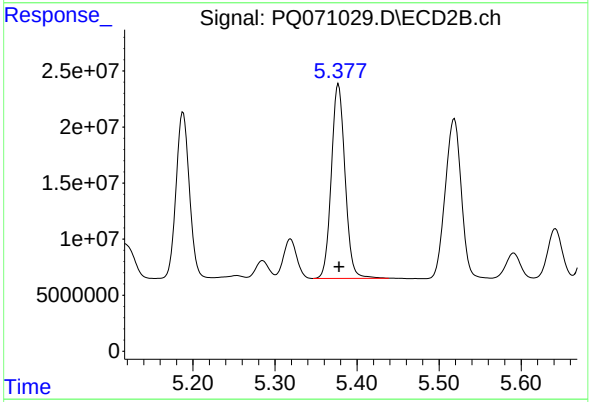
R.T.: 5.188 min
Delta R.T.: -0.001 min
Response: 167645835
Conc: 465.16 ng/ml



#32 AR-1260-2

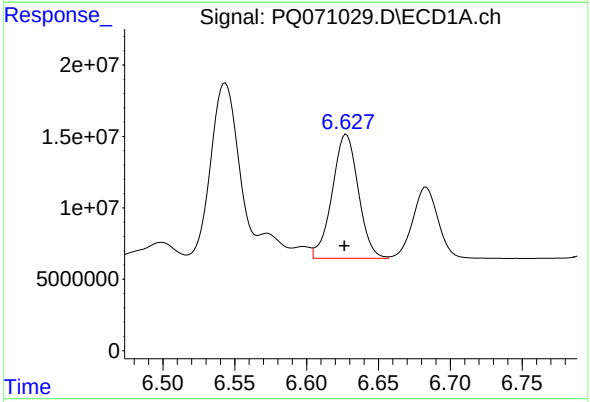
R.T.: 6.277 min
Delta R.T.: 0.002 min
Response: 144676853
Conc: 523.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



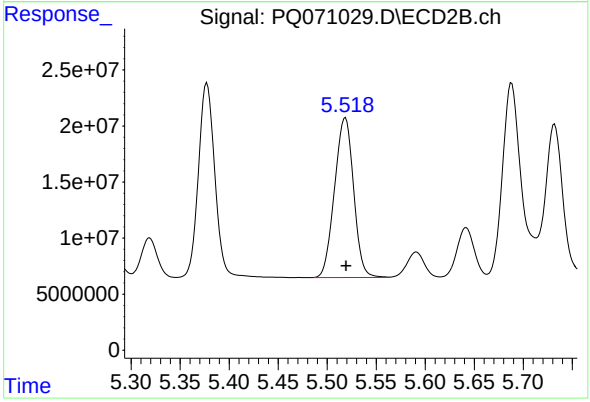
#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 201261978
Conc: 457.42 ng/ml



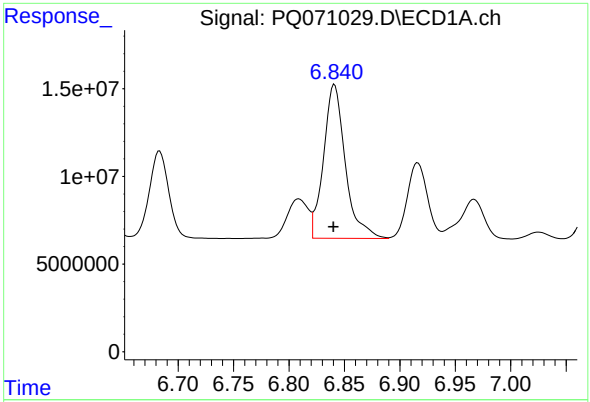
#33 AR-1260-3

R.T.: 6.628 min
Delta R.T.: 0.001 min
Response: 109683110
Conc: 550.32 ng/ml



#33 AR-1260-3

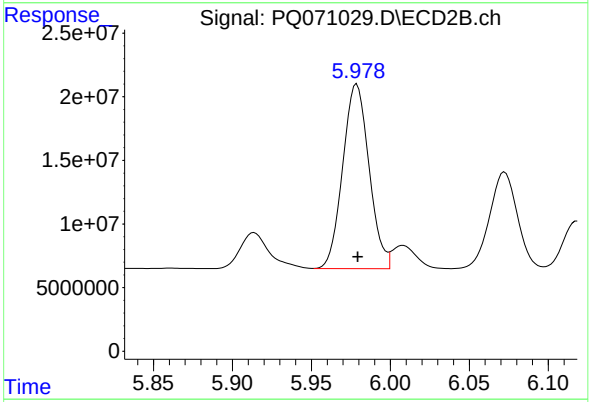
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 192935609
Conc: 464.91 ng/ml



#34 AR-1260-4

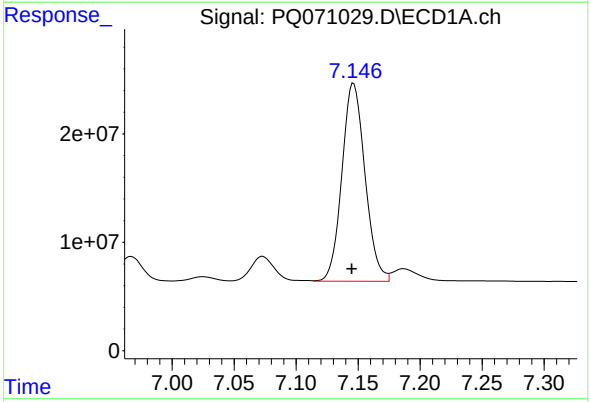
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 120256661
Conc: 559.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



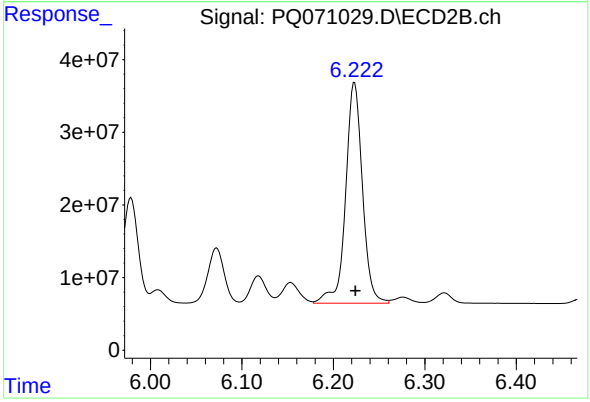
#34 AR-1260-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 168609518
Conc: 468.67 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.002 min
Response: 236543183
Conc: 545.31 ng/ml



#35 AR-1260-5

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 388748252
Conc: 462.64 ng/ml

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.:** Q3393

Continuing Calib Date: 10/21/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 16:41 **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

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.:** Q3393

Continuing Calib Date: 10/21/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 16:41 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.78	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.:** Q3393

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071044.D **Time Analyzed:** 16:41

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.480	4.380	4.580	534.530	500.000	6.9
Aroclor-1016-2	4.499	4.399	4.599	541.920	500.000	8.4
Aroclor-1016-3	4.556	4.456	4.656	553.860	500.000	10.8
Aroclor-1016-4	4.646	4.546	4.746	553.000	500.000	10.6
Aroclor-1016-5	4.931	4.831	5.031	544.190	500.000	8.8
Aroclor-1260-1	6.021	5.919	6.119	531.460	500.000	6.3
Aroclor-1260-2	6.276	6.175	6.375	531.970	500.000	6.4
Aroclor-1260-3	6.627	6.526	6.726	554.240	500.000	10.8
Aroclor-1260-4	6.841	6.740	6.940	566.600	500.000	13.3
Aroclor-1260-5	7.147	7.045	7.245	560.470	500.000	12.1
Decachlorobiphenyl	8.499	8.396	8.596	56.520	50.000	13.0
Tetrachloro-m-xylene	3.399	3.300	3.500	54.110	50.000	8.2

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.:** Q3393

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071044.D **Time Analyzed:** 16:41

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.776	3.678	3.878	455.190	500.000	-9.0
Aroclor-1016-2	3.792	3.693	3.893	458.730	500.000	-8.3
Aroclor-1016-3	3.952	3.853	4.053	475.870	500.000	-4.8
Aroclor-1016-4	4.001	3.902	4.102	481.420	500.000	-3.7
Aroclor-1016-5	4.196	4.097	4.297	472.600	500.000	-5.5
Aroclor-1260-1	5.188	5.089	5.289	482.970	500.000	-3.4
Aroclor-1260-2	5.377	5.278	5.478	467.330	500.000	-6.5
Aroclor-1260-3	5.519	5.419	5.619	471.320	500.000	-5.7
Aroclor-1260-4	5.978	5.879	6.079	473.940	500.000	-5.2
Aroclor-1260-5	6.223	6.124	6.324	471.650	500.000	-5.7
Decachlorobiphenyl	7.533	7.433	7.633	55.480	50.000	11.0
Tetrachloro-m-xylene	2.777	2.678	2.878	50.160	50.000	0.3

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:41
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 22 13:46:36 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	2.777	235.4E6	254.8E6	54.107	50.164
2)	SA Decachlor...	8.499	7.533	164.1E6	280.2E6	56.524	55.485
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.776	87739408	102.0E6	534.527	455.194
4)	L1 AR-1016-2	4.499	3.792	138.9E6	156.0E6	541.922	458.732
5)	L1 AR-1016-3	4.556	3.952	88128888	86541471	553.857	475.872
6)	L1 AR-1016-4	4.646	4.001	71850464	75781303	552.997	481.418
7)	L1 AR-1016-5	4.931	4.196	70093448	90665234	544.192	472.604
31)	L7 AR-1260-1	6.021	5.188	124.6E6	174.1E6	531.456	482.973
32)	L7 AR-1260-2	6.276	5.377	147.1E6	205.6E6	531.974	467.329
33)	L7 AR-1260-3	6.627	5.519	110.5E6	195.6E6	554.237	471.319
34)	L7 AR-1260-4	6.841	5.978	121.8E6	170.5E6	566.600	473.940
35)	L7 AR-1260-5	7.147	6.223	243.1E6	396.3E6	560.465	471.649

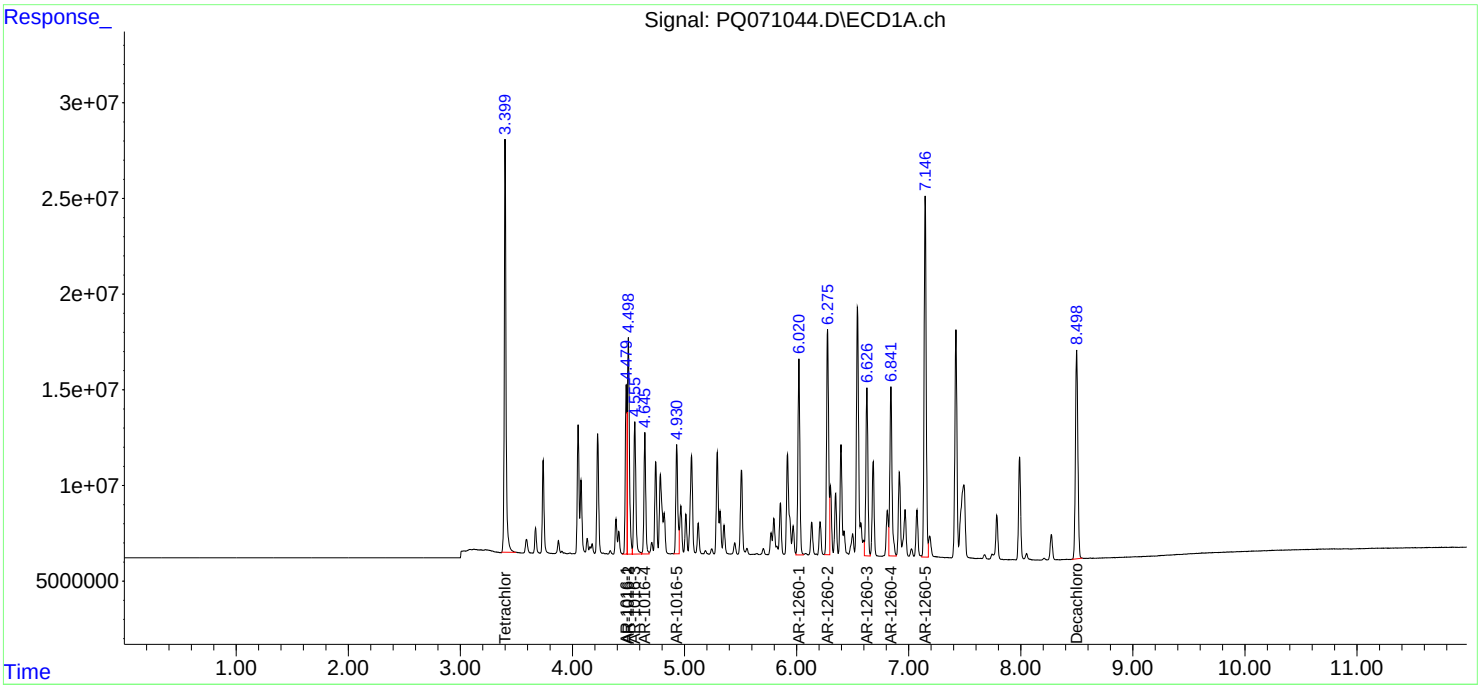
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

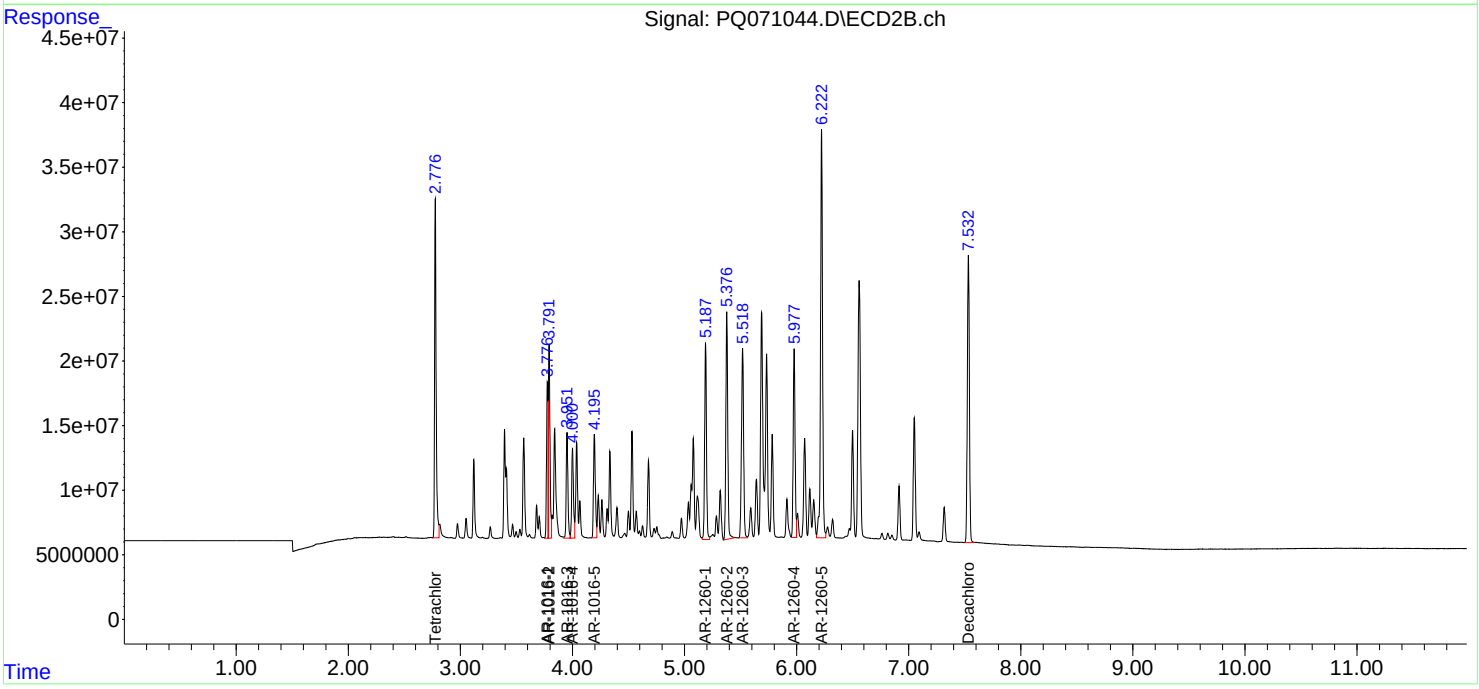
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:41
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

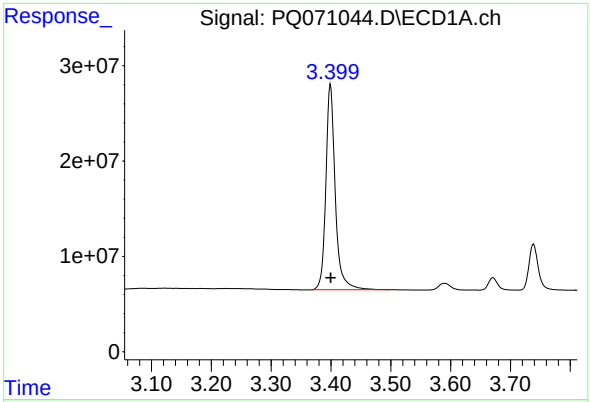
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 13:46:36 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



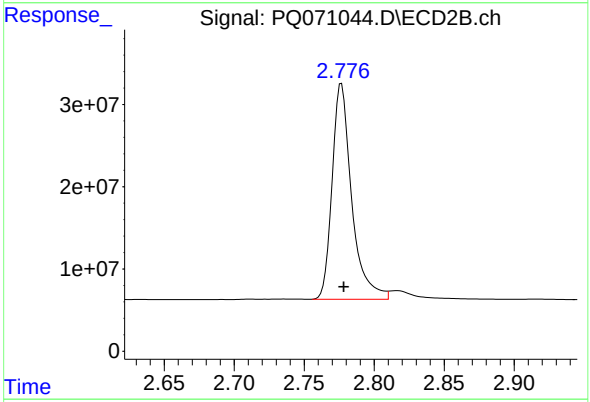




#1 Tetrachloro-m-xylene

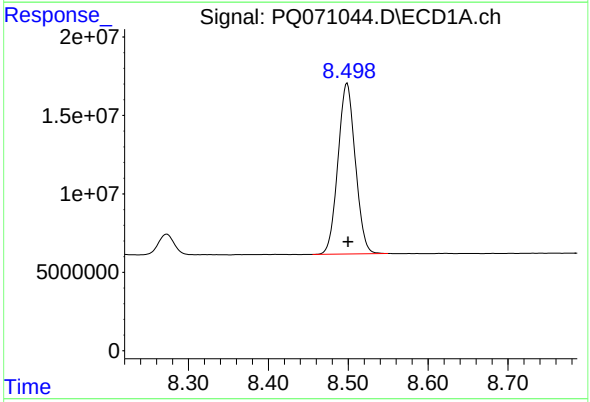
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 235381313
Conc: 54.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



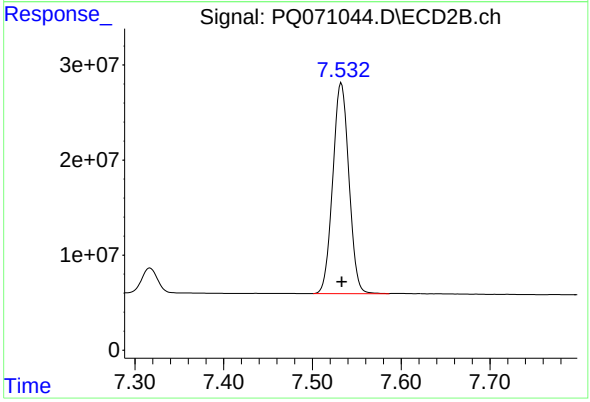
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.002 min
Response: 254833865
Conc: 50.16 ng/ml



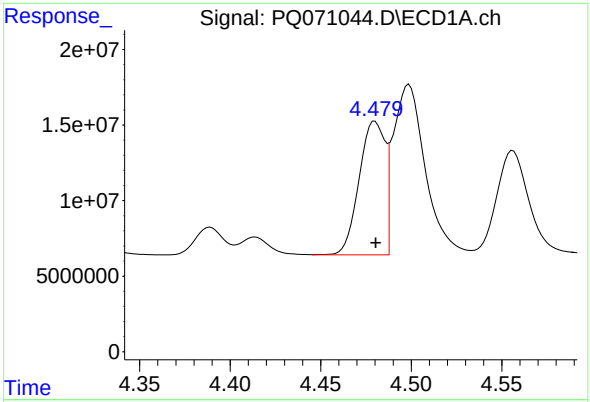
#2 Decachlorobiphenyl

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 164143848
Conc: 56.52 ng/ml



#2 Decachlorobiphenyl

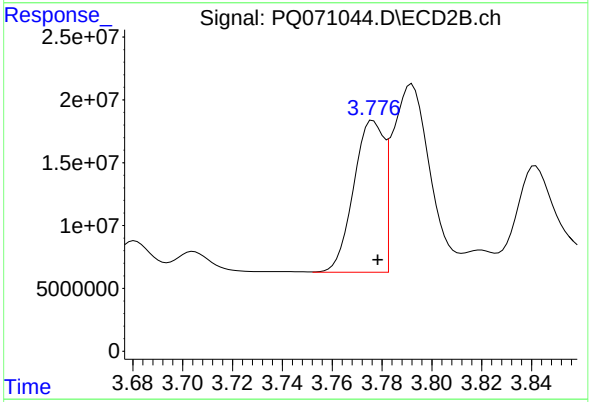
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 280173023
Conc: 55.48 ng/ml



#3 AR-1016-1

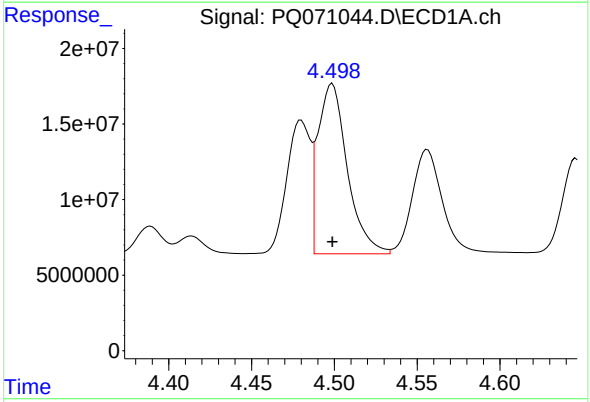
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 87739408
Conc: 534.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



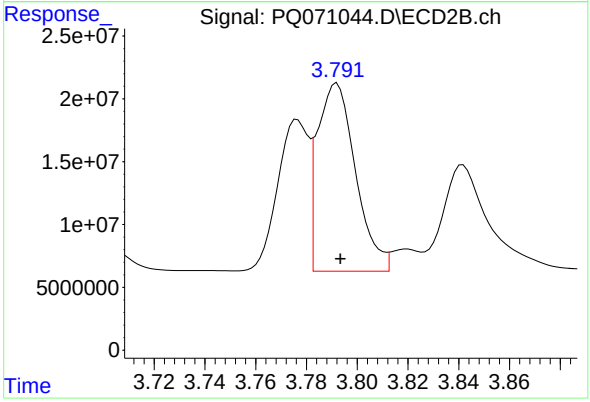
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 101964271
Conc: 455.19 ng/ml



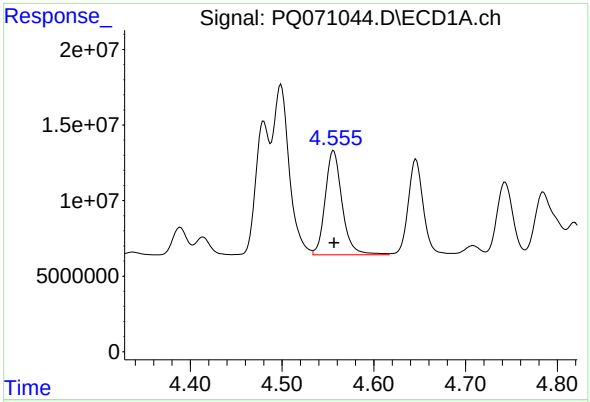
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 138891591
Conc: 541.92 ng/ml



#4 AR-1016-2

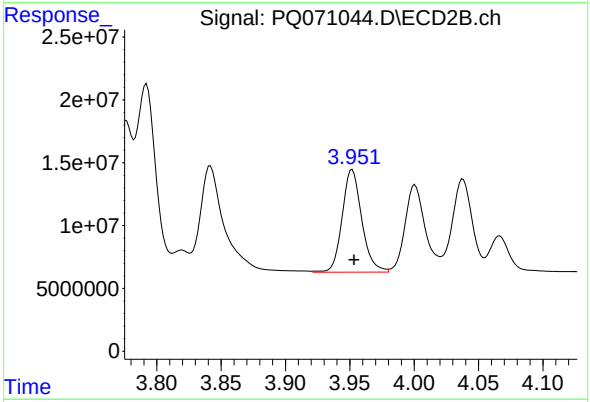
R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 156025206
Conc: 458.73 ng/ml



#5 AR-1016-3

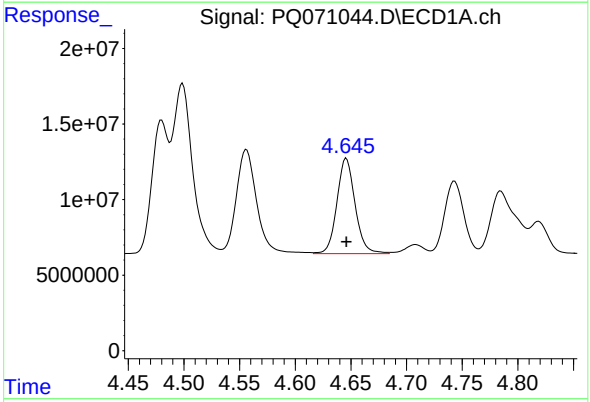
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 88128888
Conc: 553.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



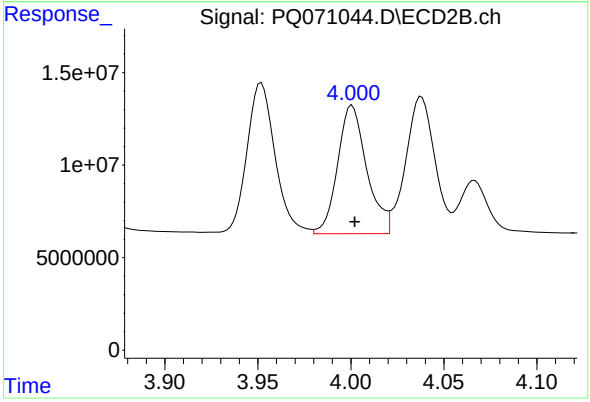
#5 AR-1016-3

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 86541471
Conc: 475.87 ng/ml



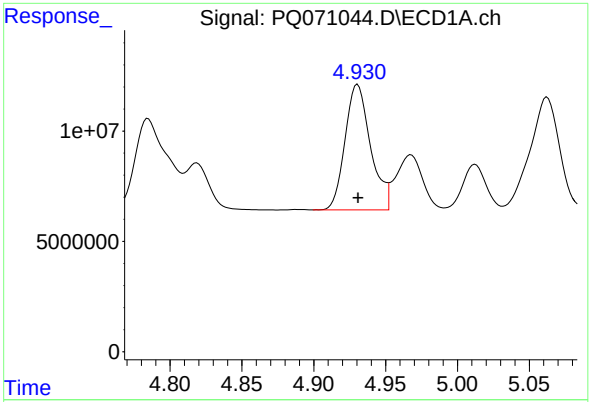
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 71850464
Conc: 553.00 ng/ml



#6 AR-1016-4

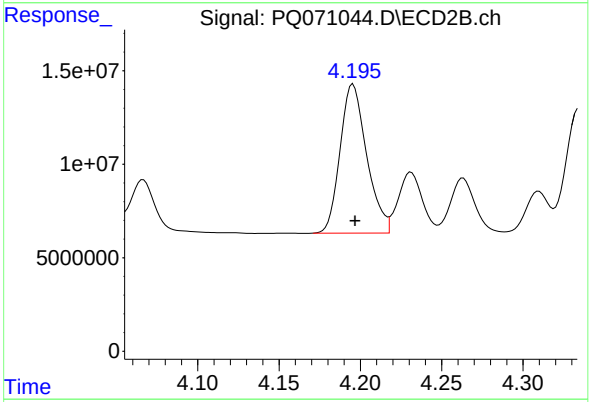
R.T.: 4.001 min
Delta R.T.: -0.002 min
Response: 75781303
Conc: 481.42 ng/ml



#7 AR-1016-5

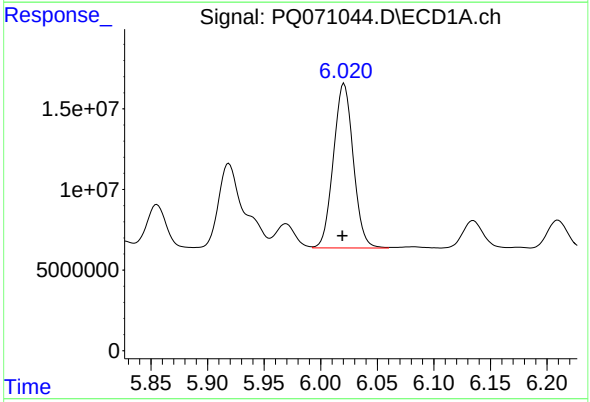
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 70093448
Conc: 544.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



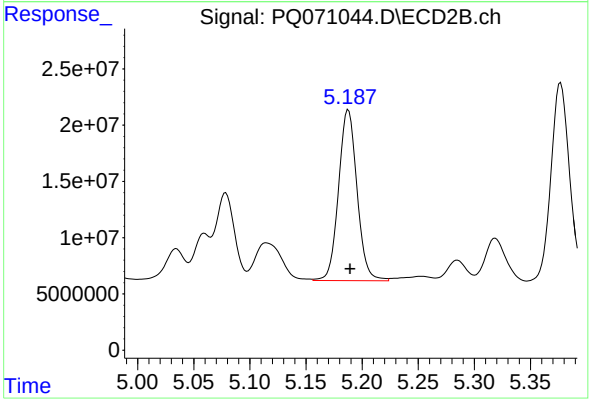
#7 AR-1016-5

R.T.: 4.196 min
Delta R.T.: -0.001 min
Response: 90665234
Conc: 472.60 ng/ml



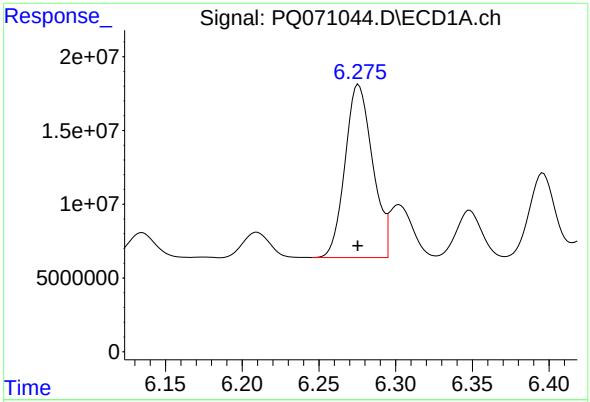
#31 AR-1260-1

R.T.: 6.021 min
Delta R.T.: 0.001 min
Response: 124611066
Conc: 531.46 ng/ml



#31 AR-1260-1

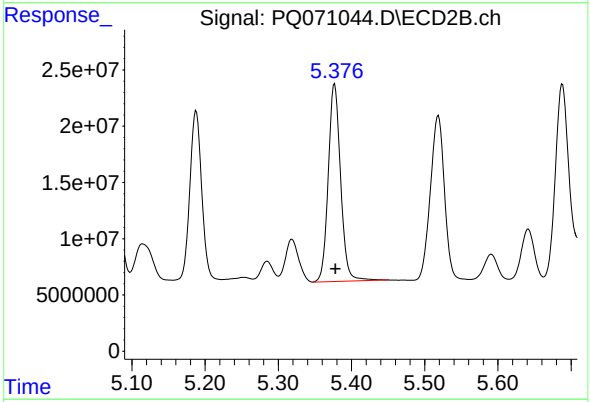
R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 174066490
Conc: 482.97 ng/ml



#32 AR-1260-2

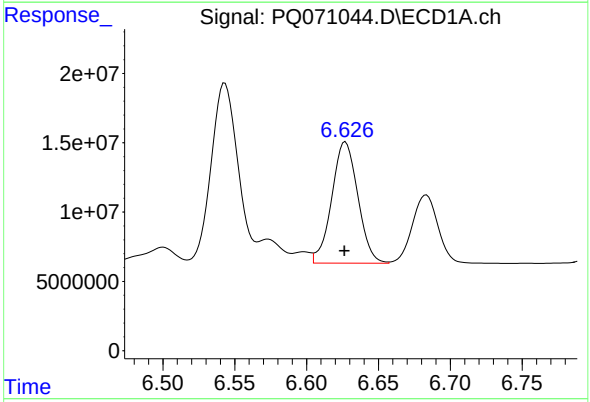
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 147148874
Conc: 531.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



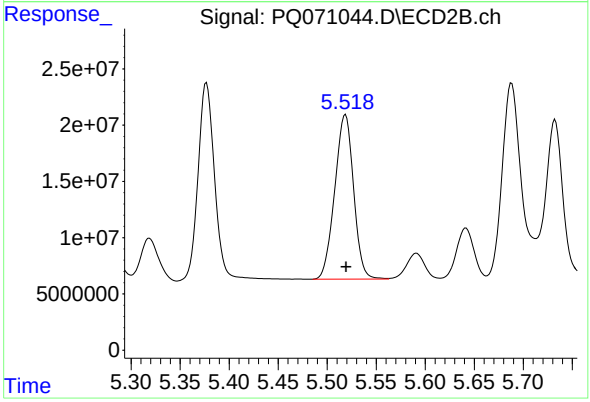
#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: -0.001 min
Response: 205621714
Conc: 467.33 ng/ml



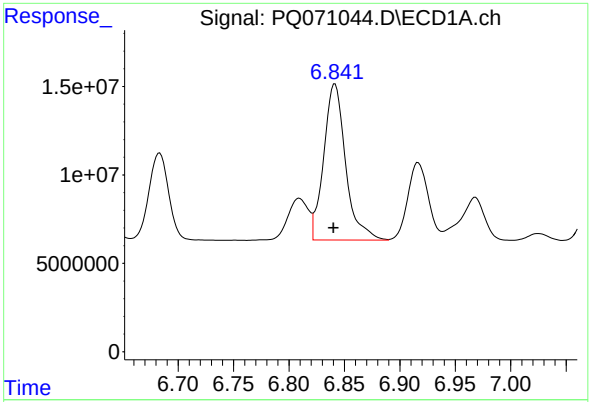
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 110464118
Conc: 554.24 ng/ml



#33 AR-1260-3

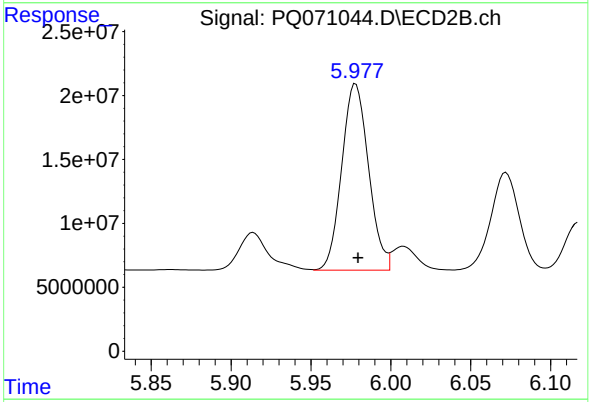
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 195596927
Conc: 471.32 ng/ml



#34 AR-1260-4

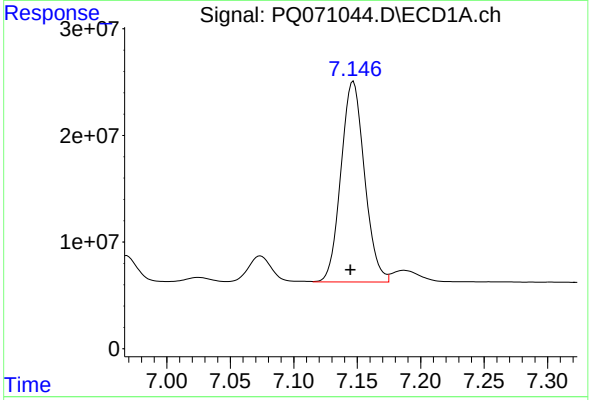
R.T.: 6.841 min
Delta R.T.: 0.001 min
Response: 121752776
Conc: 566.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



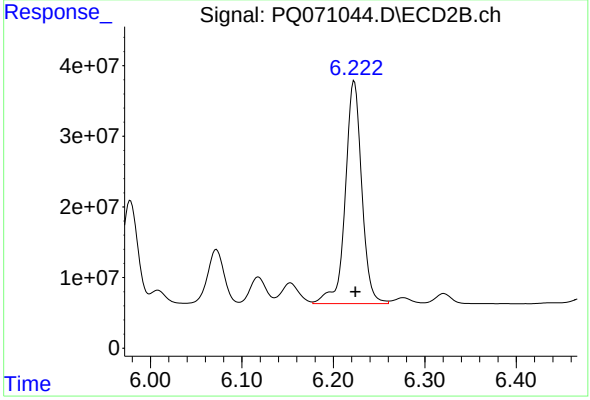
#34 AR-1260-4

R.T.: 5.978 min
Delta R.T.: -0.001 min
Response: 170506083
Conc: 473.94 ng/ml



#35 AR-1260-5

R.T.: 7.147 min
Delta R.T.: 0.002 min
Response: 243117029
Conc: 560.47 ng/ml



#35 AR-1260-5

R.T.: 6.223 min
Delta R.T.: -0.001 min
Response: 396317872
Conc: 471.65 ng/ml

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.:** Q3393

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 13:57 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW 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	0.01
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)	6.28	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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 13:57 **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

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.:** Q3393

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071134.D **Time Analyzed:** 13:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.479	4.380	4.580	526.520	500.000	5.3
Aroclor-1016-2	4.498	4.399	4.599	518.670	500.000	3.7
Aroclor-1016-3	4.555	4.456	4.656	529.350	500.000	5.9
Aroclor-1016-4	4.645	4.546	4.746	529.330	500.000	5.9
Aroclor-1016-5	4.931	4.831	5.031	530.670	500.000	6.1
Aroclor-1260-1	6.020	5.919	6.119	517.720	500.000	3.5
Aroclor-1260-2	6.276	6.175	6.375	527.440	500.000	5.5
Aroclor-1260-3	6.626	6.526	6.726	541.970	500.000	8.4
Aroclor-1260-4	6.840	6.740	6.940	552.700	500.000	10.5
Aroclor-1260-5	7.147	7.045	7.245	544.530	500.000	8.9
Decachlorobiphenyl	8.496	8.396	8.596	55.010	50.000	10.0
Tetrachloro-m-xylene	3.399	3.300	3.500	51.670	50.000	3.3

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.:** Q3393

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071134.D **Time Analyzed:** 13:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.776	3.678	3.878	426.650	500.000	-14.7
Aroclor-1016-2	3.791	3.693	3.893	423.200	500.000	-15.4
Aroclor-1016-3	3.951	3.853	4.053	435.820	500.000	-12.8
Aroclor-1016-4	4.000	3.902	4.102	441.110	500.000	-11.8
Aroclor-1016-5	4.194	4.097	4.297	436.050	500.000	-12.8
Aroclor-1260-1	5.187	5.089	5.289	440.070	500.000	-12.0
Aroclor-1260-2	5.376	5.278	5.478	434.740	500.000	-13.1
Aroclor-1260-3	5.517	5.419	5.619	435.540	500.000	-12.9
Aroclor-1260-4	5.977	5.879	6.079	443.990	500.000	-11.2
Aroclor-1260-5	6.221	6.124	6.324	440.770	500.000	-11.8
Decachlorobiphenyl	7.531	7.433	7.633	51.870	50.000	3.7
Tetrachloro-m-xylene	2.776	2.678	2.878	46.000	50.000	-8.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102425\
Data File : PQ071134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 13:57
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 24 15:55:23 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	224.8E6	233.7E6	51.671	45.999
2)	SA Decachlor...	8.496	7.531	159.8E6	261.9E6	55.012	51.873
	Target Compounds						
3)	L1 AR-1016-1	4.479	3.776	86424590	95570920	526.517	426.652
4)	L1 AR-1016-2	4.498	3.791	132.9E6	143.9E6	518.666	423.197
5)	L1 AR-1016-3	4.555	3.951	84228859	79258126	529.347	435.822
6)	L1 AR-1016-4	4.645	4.000	68774906	69435746	529.326	441.106
7)	L1 AR-1016-5	4.931	4.194	68351552	83651798	530.668	436.046
31)	L7 AR-1260-1	6.020	5.187	121.4E6	158.6E6	517.723	440.070
32)	L7 AR-1260-2	6.276	5.376	145.9E6	191.3E6	527.436	434.735
33)	L7 AR-1260-3	6.626	5.517	108.0E6	180.7E6	541.972	435.541
34)	L7 AR-1260-4	6.840	5.977	118.8E6	159.7E6	552.697	443.987
35)	L7 AR-1260-5	7.147	6.221	236.2E6	370.4E6	544.526	440.768

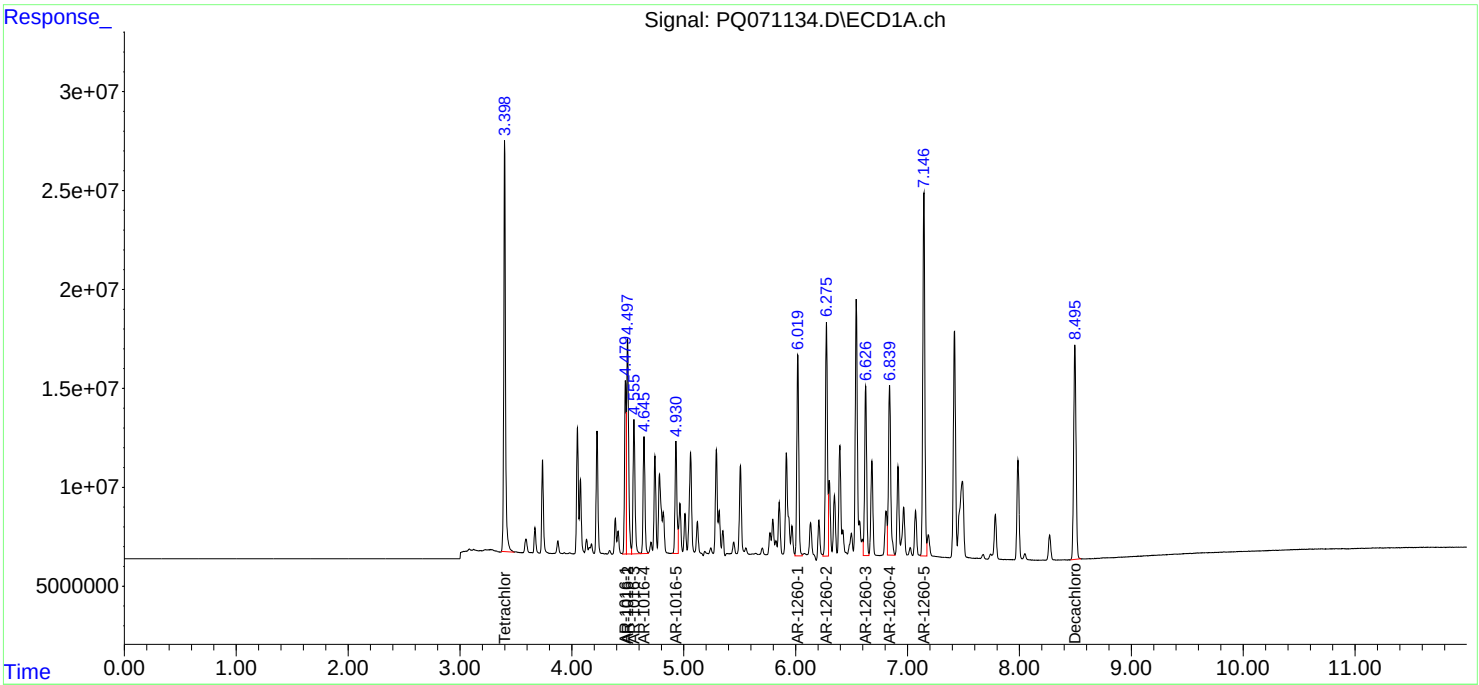
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

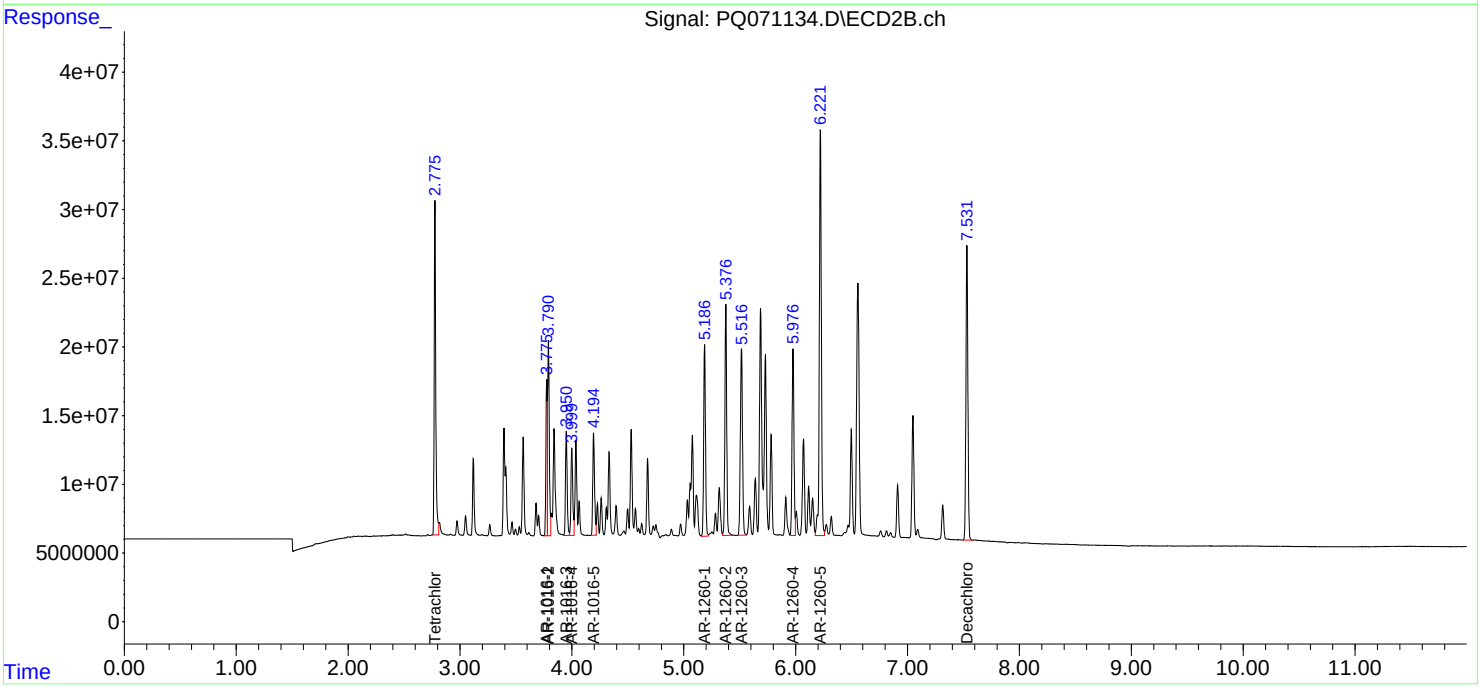
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102425\
Data File : PQ071134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 13:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

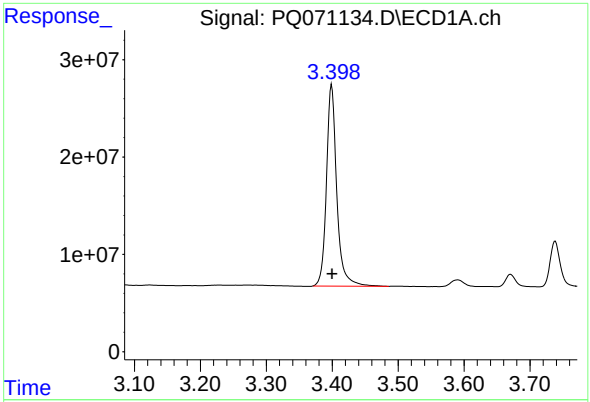
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:55:23 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



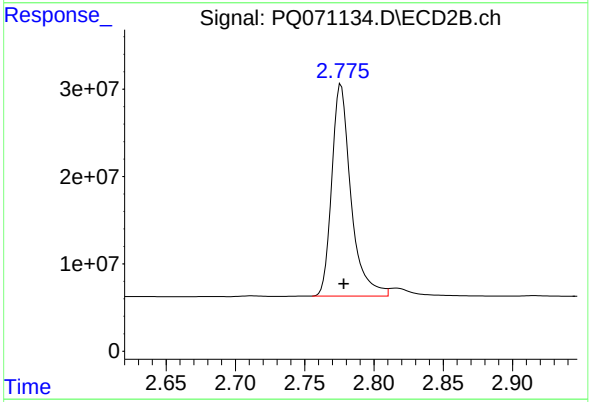




#1 Tetrachloro-m-xylene

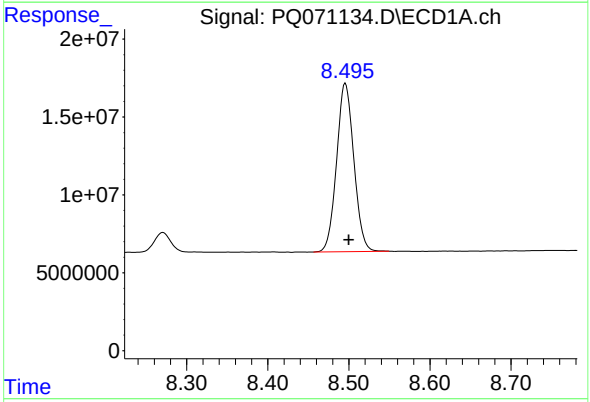
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 224783333
Conc: 51.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



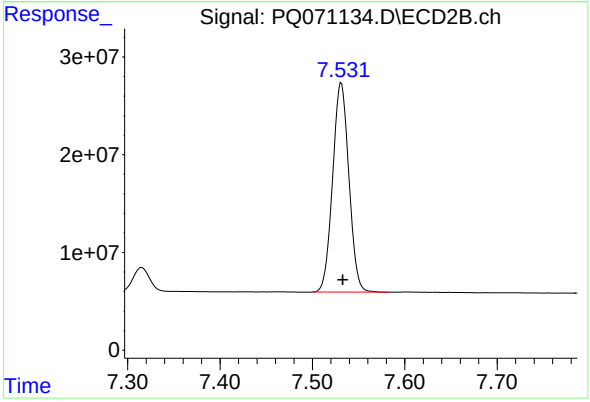
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 233676820
Conc: 46.00 ng/ml



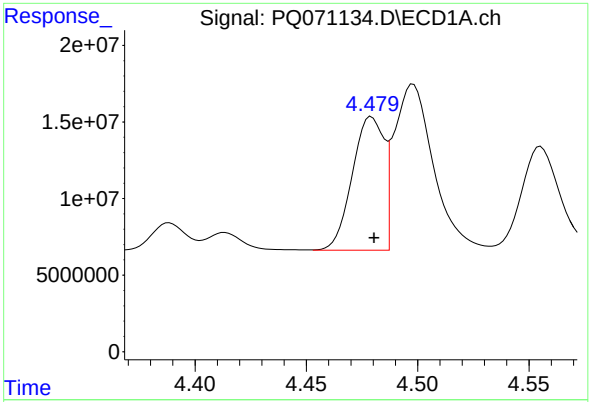
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 159753870
Conc: 55.01 ng/ml



#2 Decachlorobiphenyl

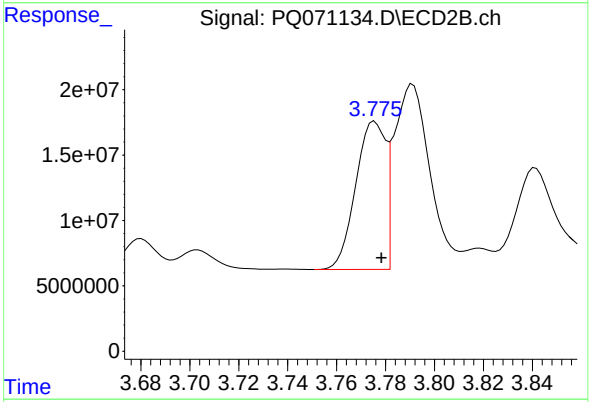
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 261936965
Conc: 51.87 ng/ml



#3 AR-1016-1

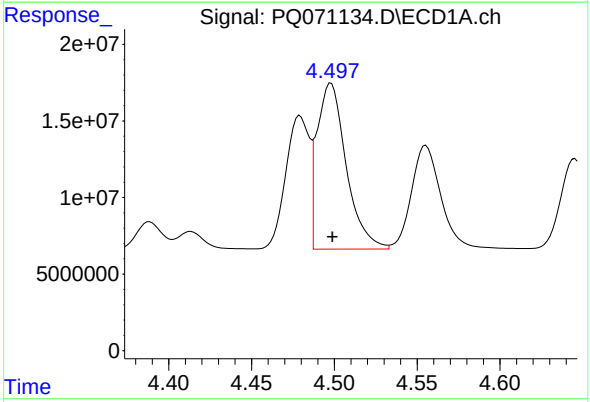
R.T.: 4.479 min
Delta R.T.: -0.001 min
Response: 86424590
Conc: 526.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



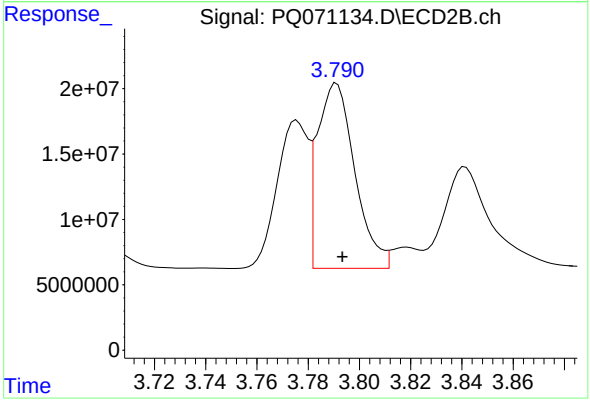
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 95570920
Conc: 426.65 ng/ml



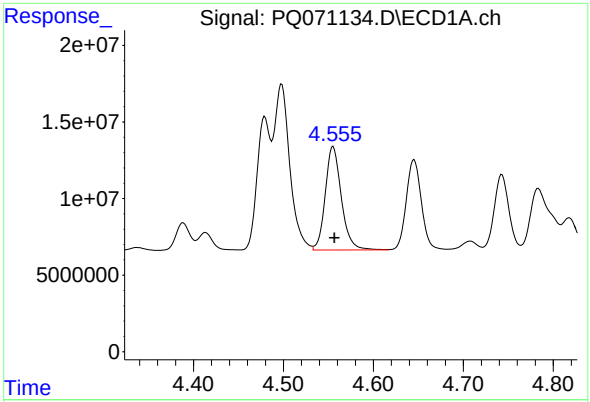
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 132931219
Conc: 518.67 ng/ml



#4 AR-1016-2

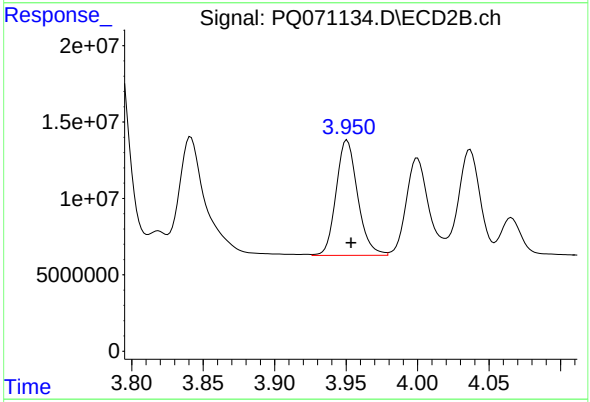
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 143939215
Conc: 423.20 ng/ml



#5 AR-1016-3

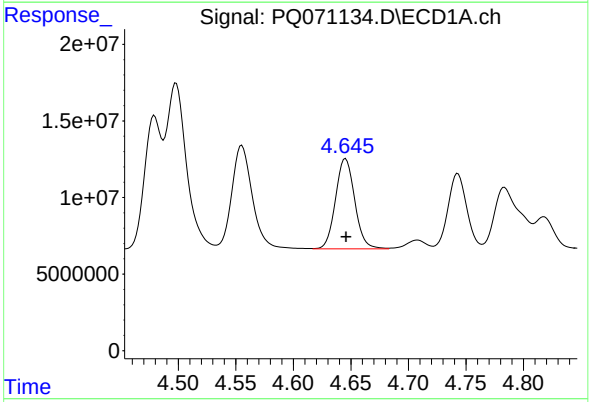
R.T.: 4.555 min
Delta R.T.: -0.001 min
Response: 84228859
Conc: 529.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



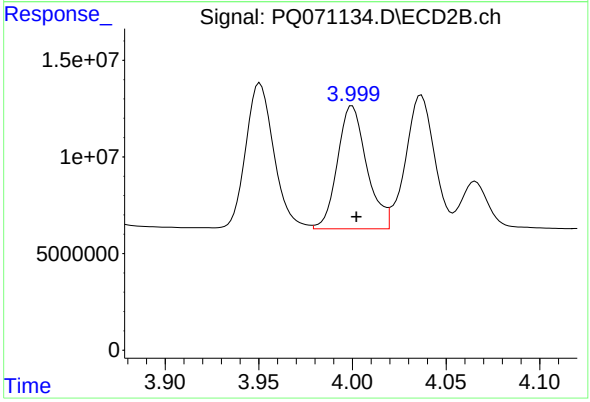
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.003 min
Response: 79258126
Conc: 435.82 ng/ml



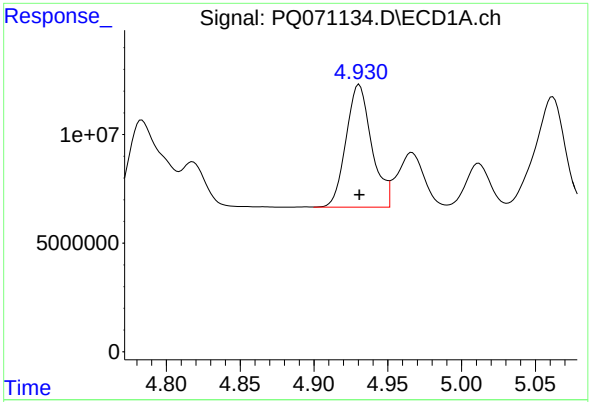
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 68774906
Conc: 529.33 ng/ml



#6 AR-1016-4

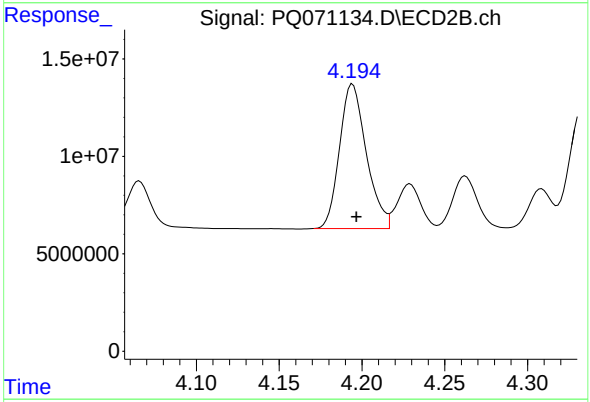
R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 69435746
Conc: 441.11 ng/ml



#7 AR-1016-5

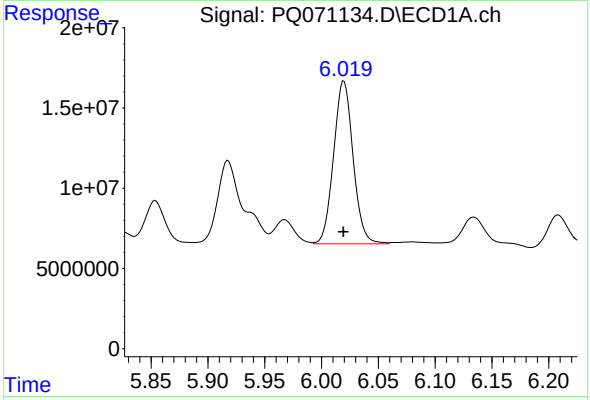
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 68351552
Conc: 530.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



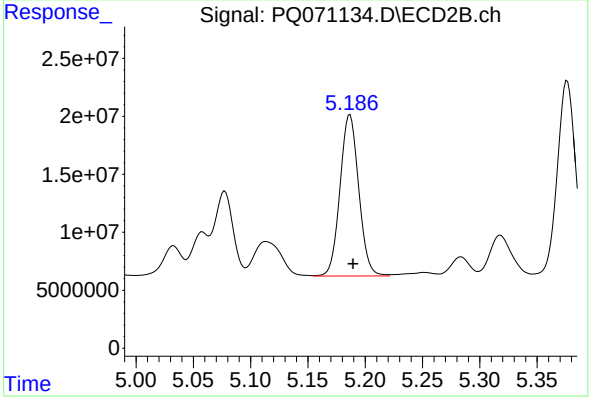
#7 AR-1016-5

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 83651798
Conc: 436.05 ng/ml



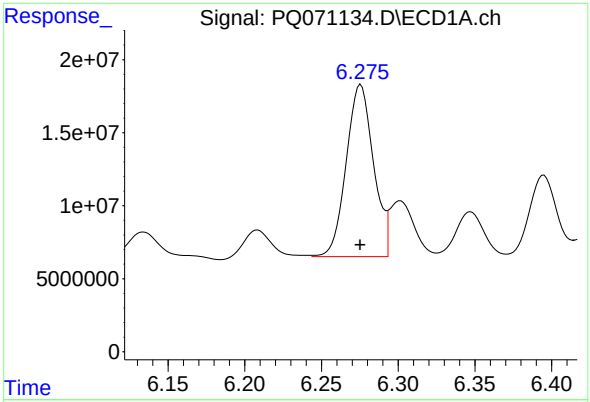
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 121391122
Conc: 517.72 ng/ml



#31 AR-1260-1

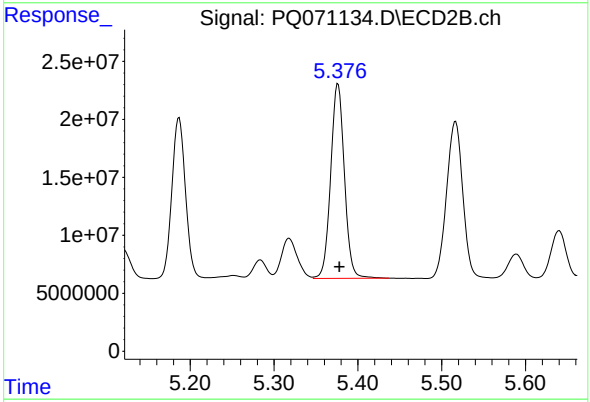
R.T.: 5.187 min
Delta R.T.: -0.003 min
Response: 158603962
Conc: 440.07 ng/ml



#32 AR-1260-2

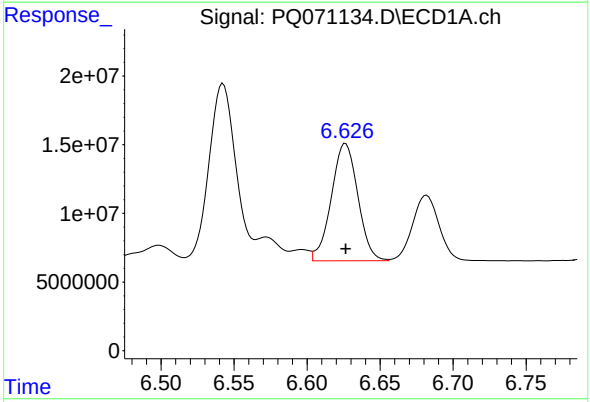
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 145893433
Conc: 527.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



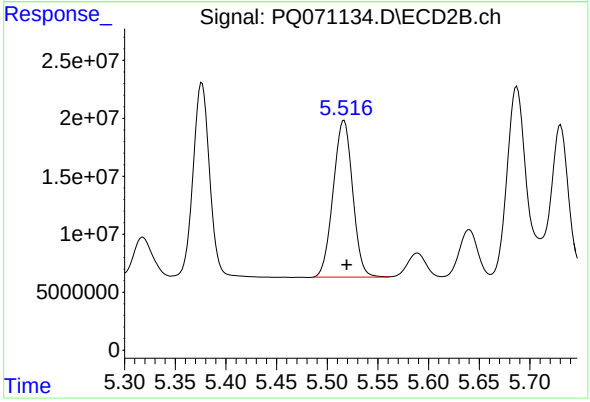
#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 191280792
Conc: 434.74 ng/ml



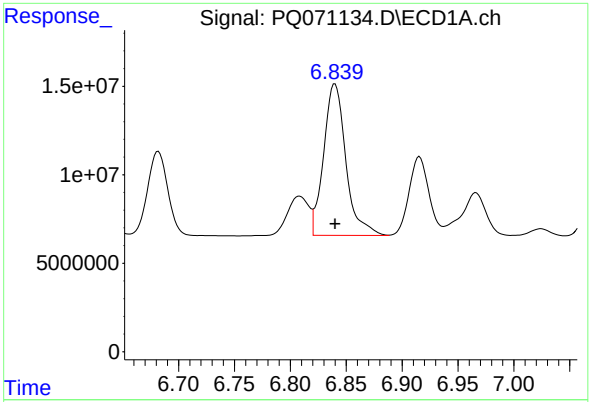
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 108019447
Conc: 541.97 ng/ml



#33 AR-1260-3

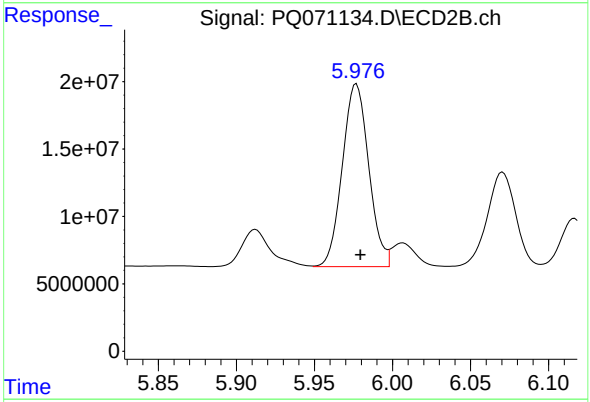
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 180749435
Conc: 435.54 ng/ml



#34 AR-1260-4

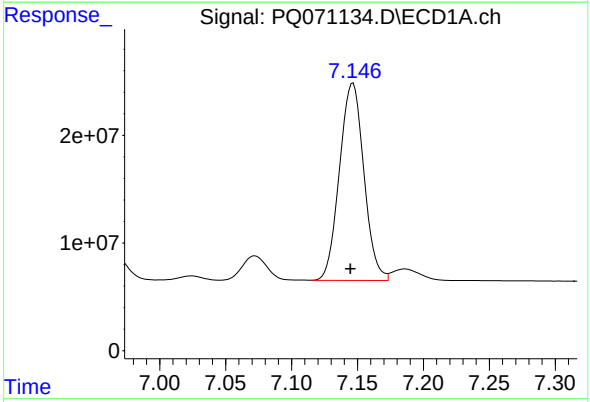
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 118765308
Conc: 552.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



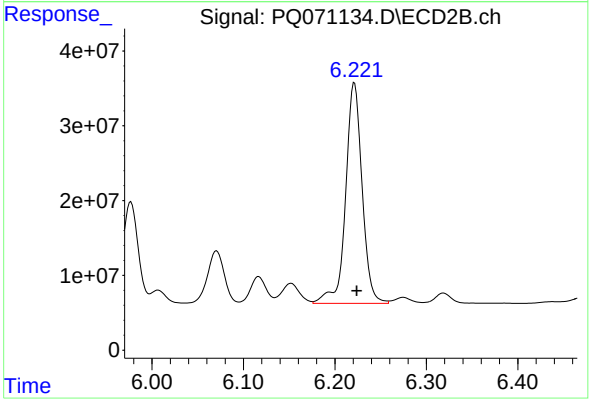
#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 159729934
Conc: 443.99 ng/ml



#35 AR-1260-5

R.T.: 7.147 min
Delta R.T.: 0.002 min
Response: 236202862
Conc: 544.53 ng/ml



#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 370369290
Conc: 440.77 ng/ml

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.:** Q3393

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 17:21 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.48	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	0.01
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	0.00

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.:** Q3393

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 17:21 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.78	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

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.:** Q3393

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL07 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071145.D **Time Analyzed:** 17:21

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.479	4.380	4.580	519.230	500.000	3.8
Aroclor-1016-2	4.498	4.399	4.599	522.060	500.000	4.4
Aroclor-1016-3	4.555	4.456	4.656	533.570	500.000	6.7
Aroclor-1016-4	4.645	4.546	4.746	534.850	500.000	7.0
Aroclor-1016-5	4.929	4.831	5.031	531.200	500.000	6.2
Aroclor-1260-1	6.019	5.919	6.119	511.710	500.000	2.3
Aroclor-1260-2	6.274	6.175	6.375	517.130	500.000	3.4
Aroclor-1260-3	6.626	6.526	6.726	555.580	500.000	11.1
Aroclor-1260-4	6.840	6.740	6.940	559.920	500.000	12.0
Aroclor-1260-5	7.145	7.045	7.245	554.240	500.000	10.8
Decachlorobiphenyl	8.496	8.396	8.596	55.690	50.000	11.4
Tetrachloro-m-xylene	3.399	3.300	3.500	52.260	50.000	4.5

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02

Lab Code: ACE **SDG NO.:** Q3393

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL07 **Date Analyzed:** 10/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071145.D **Time Analyzed:** 17:21

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.775	3.678	3.878	425.620	500.000	-14.9
Aroclor-1016-2	3.791	3.693	3.893	426.460	500.000	-14.7
Aroclor-1016-3	3.951	3.853	4.053	444.290	500.000	-11.1
Aroclor-1016-4	4.000	3.902	4.102	443.950	500.000	-11.2
Aroclor-1016-5	4.194	4.097	4.297	433.880	500.000	-13.2
Aroclor-1260-1	5.187	5.089	5.289	462.090	500.000	-7.6
Aroclor-1260-2	5.377	5.278	5.478	444.270	500.000	-11.1
Aroclor-1260-3	5.517	5.419	5.619	427.930	500.000	-14.4
Aroclor-1260-4	5.977	5.879	6.079	449.520	500.000	-10.1
Aroclor-1260-5	6.222	6.124	6.324	426.790	500.000	-14.6
Decachlorobiphenyl	7.531	7.433	7.633	52.860	50.000	5.7
Tetrachloro-m-xylene	2.776	2.678	2.878	45.740	50.000	-8.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102425\
Data File : PQ071145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 17:21
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
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 24 17:34:49 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	227.4E6	232.4E6	52.261	45.743
2)	SA Decachlor...	8.496	7.531	161.7E6	266.9E6	55.689	52.863
	Target Compounds						
3)	L1 AR-1016-1	4.479	3.775	85228457	95338827	519.230	425.616
4)	L1 AR-1016-2	4.498	3.791	133.8E6	145.0E6	522.062	426.462
5)	L1 AR-1016-3	4.555	3.951	84901406	80797875	533.574	444.289
6)	L1 AR-1016-4	4.645	4.000	69493062	69882808	534.853	443.947
7)	L1 AR-1016-5	4.929	4.194	68420594	83236545	531.204	433.881m
31)	L7 AR-1260-1	6.019	5.187	120.0E6	166.5E6	511.714m	462.089
32)	L7 AR-1260-2	6.274	5.377	143.0E6	195.5E6	517.126m	444.271
33)	L7 AR-1260-3	6.626	5.517	110.7E6	177.6E6	555.584	427.927
34)	L7 AR-1260-4	6.840	5.977	120.3E6	161.7E6	559.919	449.524
35)	L7 AR-1260-5	7.145	6.222	240.4E6	358.6E6	554.244	426.792

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102425\
Data File : PQ071145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 17:21
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

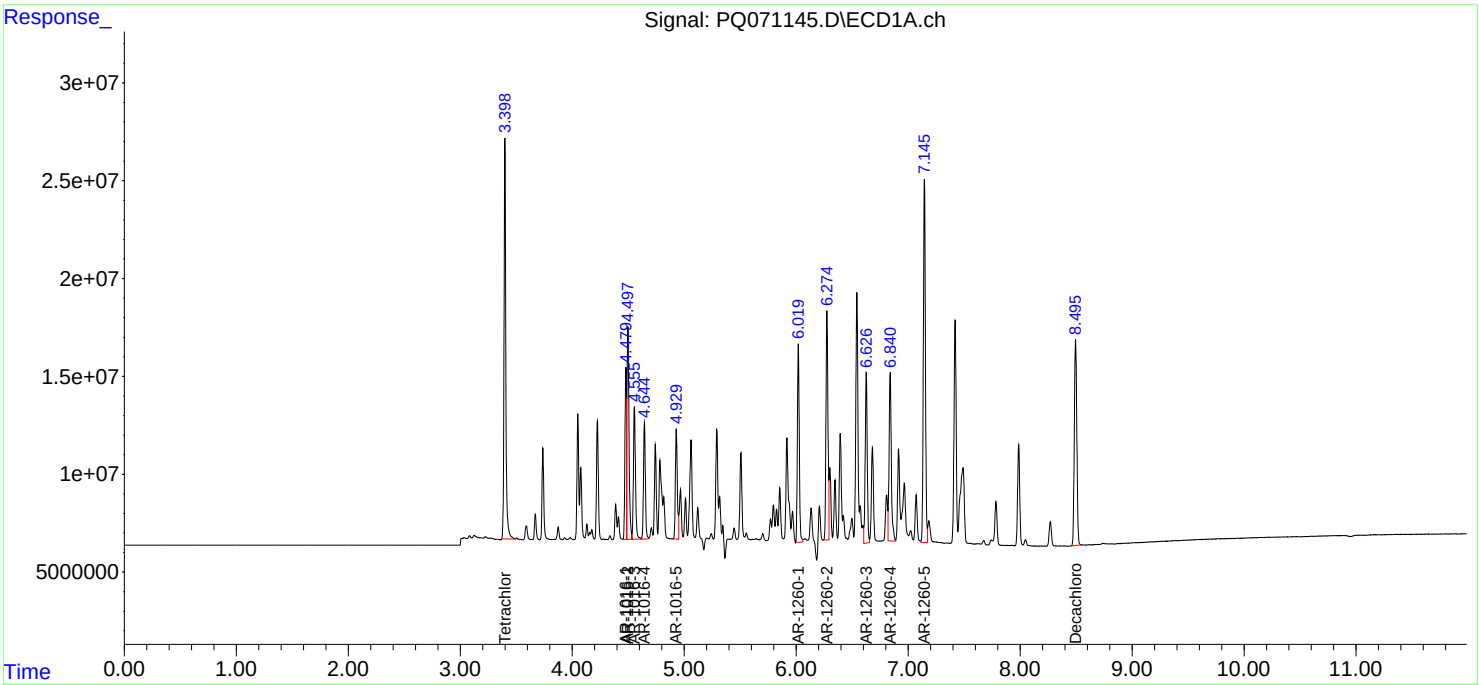
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

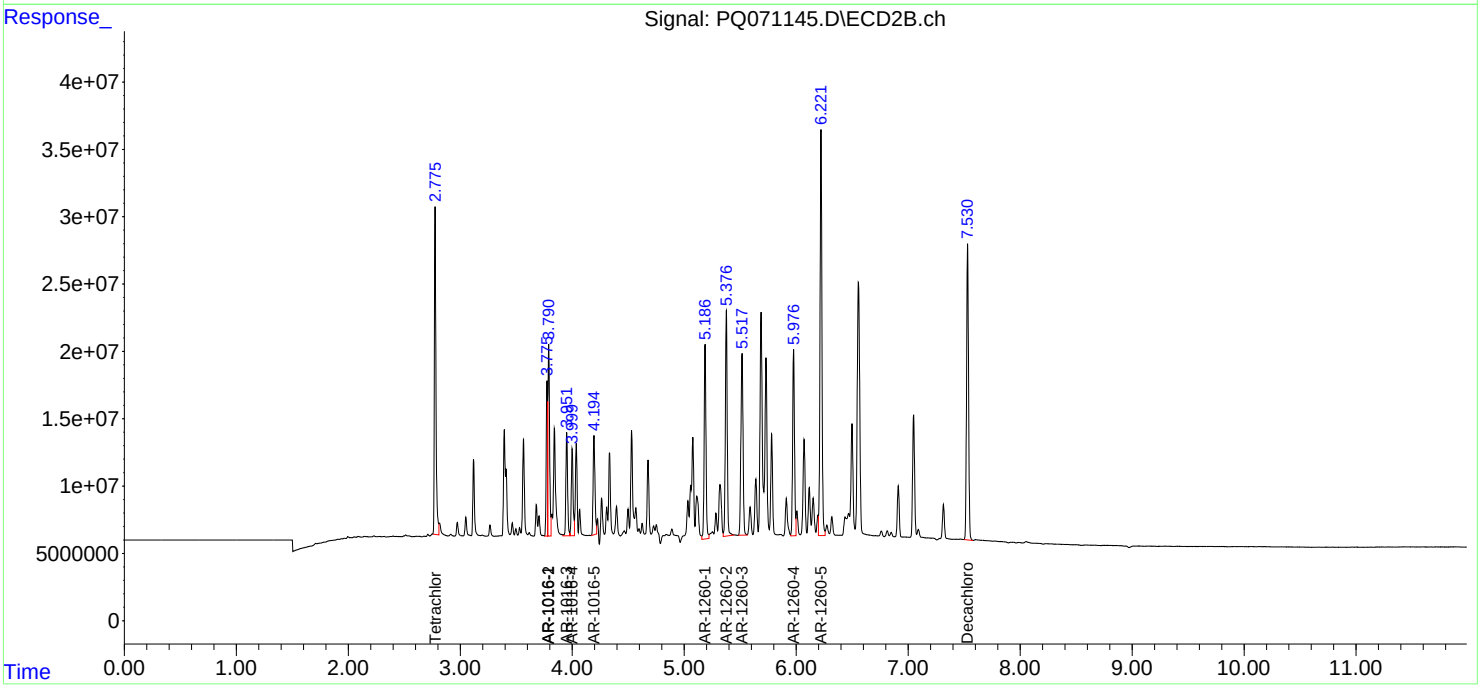
Manual Integrations APPROVED

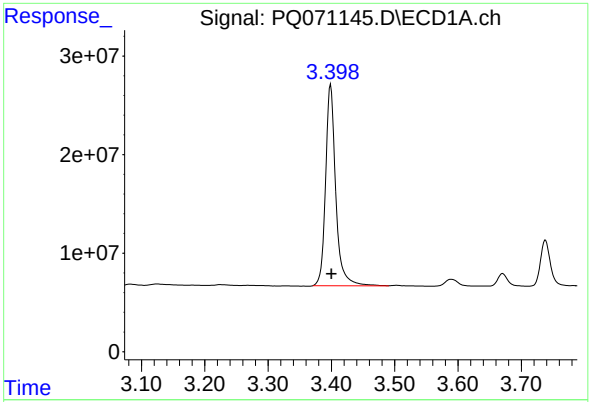
Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 17:34:49 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







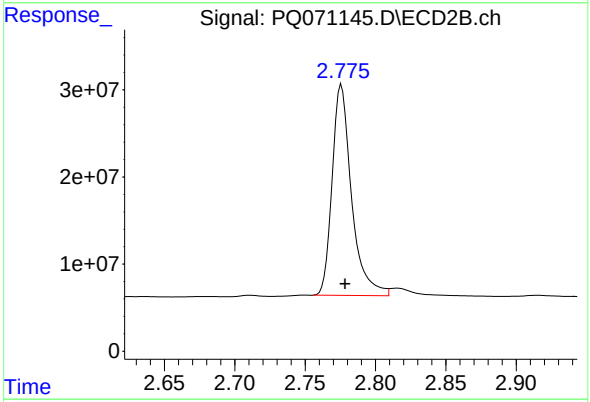
#1 Tetrachloro-m-xylene

R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 227351508
Conc: 52.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

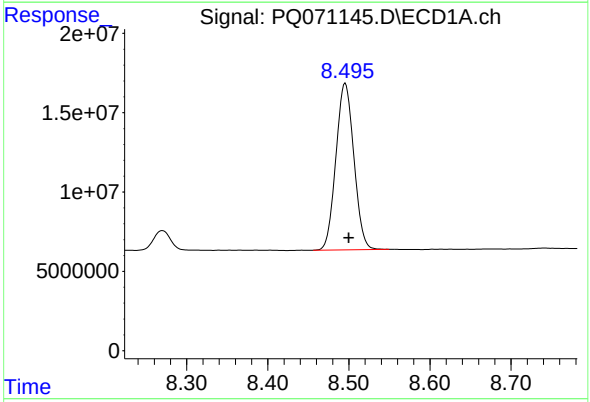
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



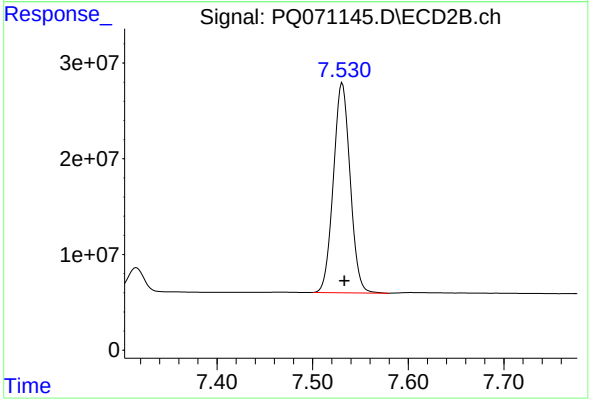
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 232376394
Conc: 45.74 ng/ml



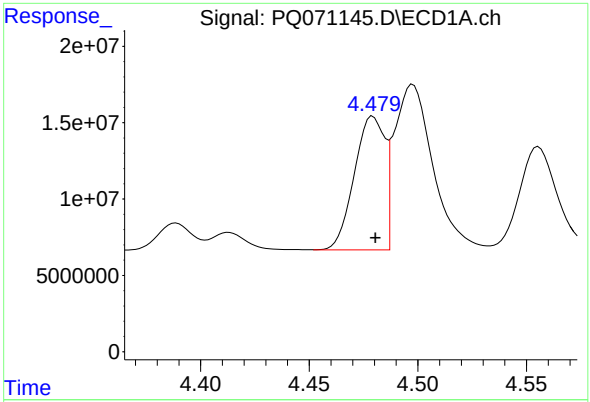
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 161720231
Conc: 55.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 266937300
Conc: 52.86 ng/ml



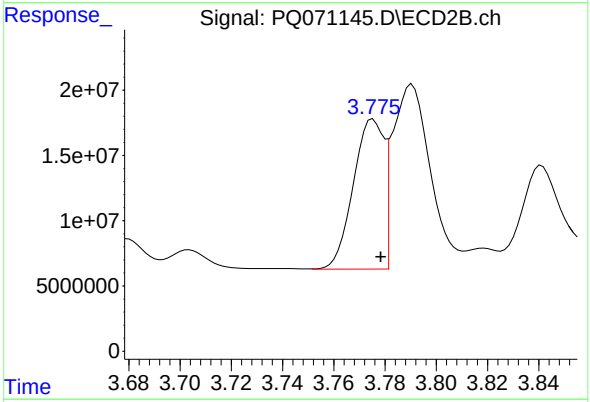
#3 AR-1016-1

R.T.: 4.479 min
Delta R.T.: -0.001 min
Response: 85228457
Conc: 519.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

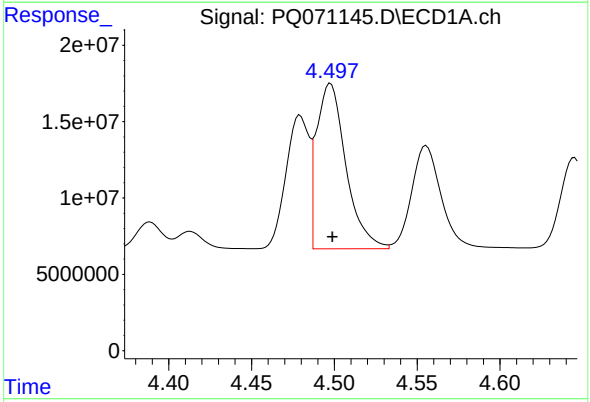
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



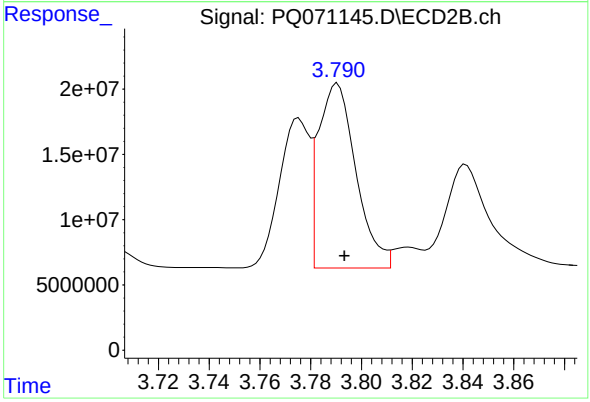
#3 AR-1016-1

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 95338827
Conc: 425.62 ng/ml



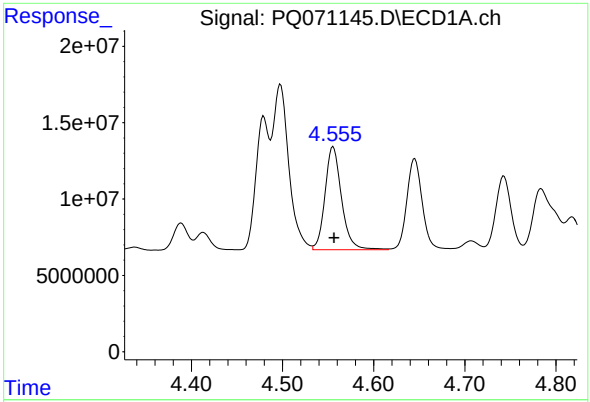
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 133801661
Conc: 522.06 ng/ml



#4 AR-1016-2

R.T.: 3.791 min
Delta R.T.: -0.003 min
Response: 145049447
Conc: 426.46 ng/ml



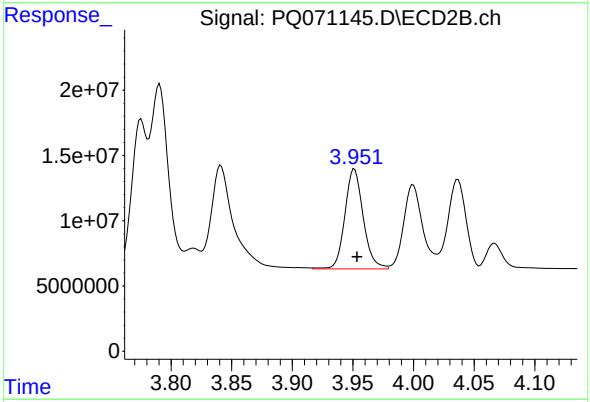
#5 AR-1016-3

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 84901406
Conc: 533.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

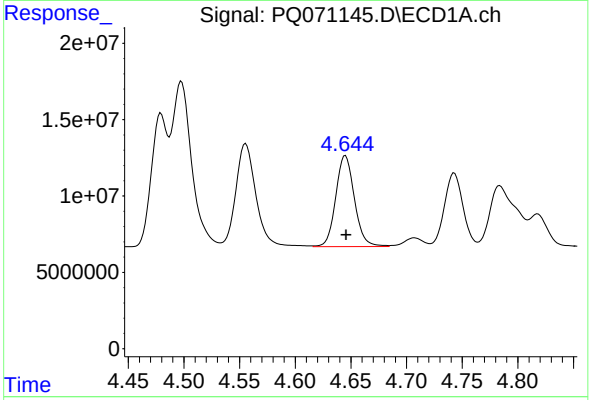
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



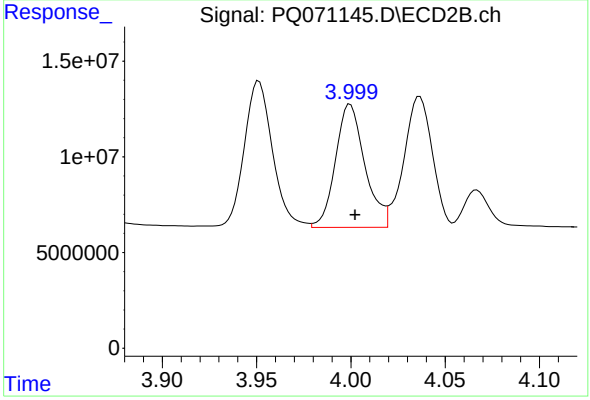
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 80797875
Conc: 444.29 ng/ml



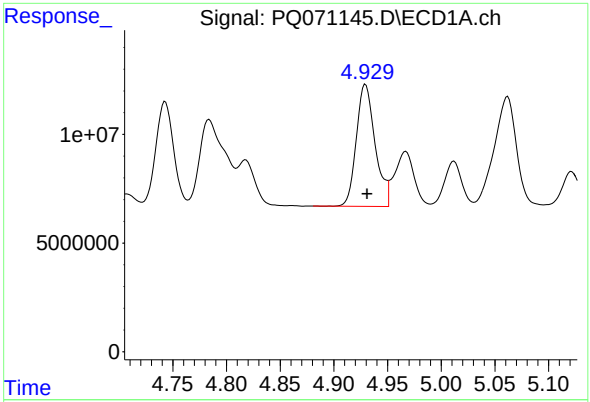
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 69493062
Conc: 534.85 ng/ml



#6 AR-1016-4

R.T.: 4.000 min
Delta R.T.: -0.003 min
Response: 69882808
Conc: 443.95 ng/ml



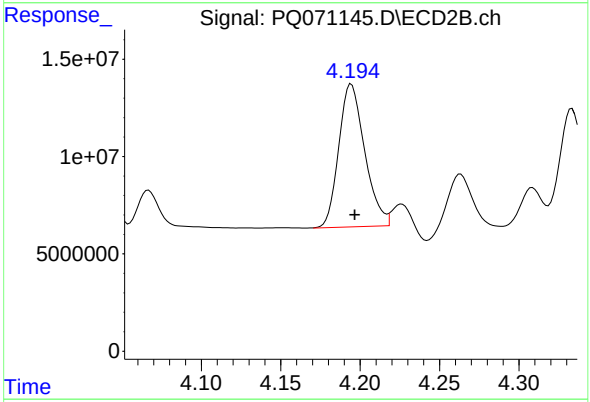
#7 AR-1016-5

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 68420594
Conc: 531.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

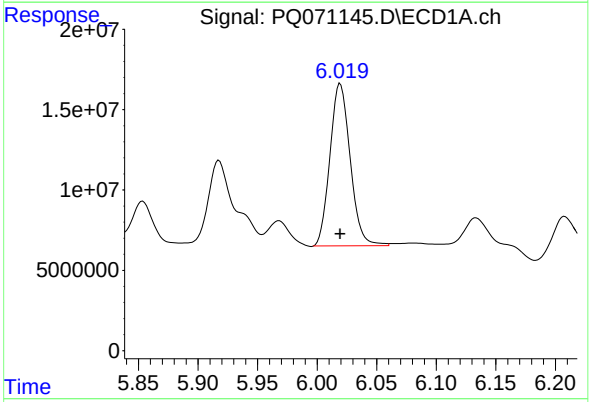
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



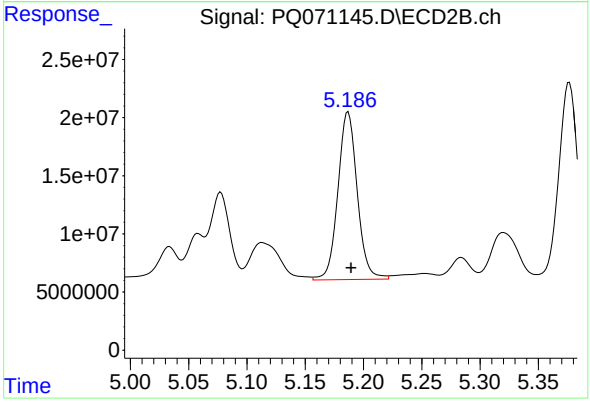
#7 AR-1016-5

R.T.: 4.194 min
Delta R.T.: -0.003 min
Response: 83236545
Conc: 433.88 ng/ml m



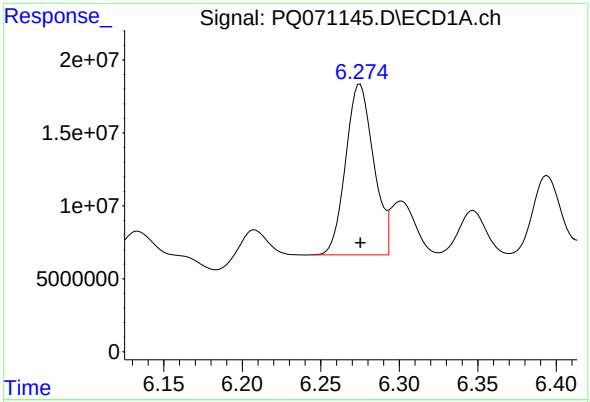
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 119982073
Conc: 511.71 ng/ml m



#31 AR-1260-1

R.T.: 5.187 min
Delta R.T.: -0.003 min
Response: 166539766
Conc: 462.09 ng/ml



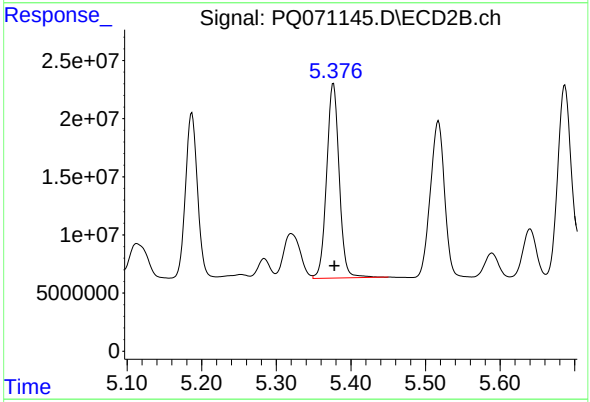
#32 AR-1260-2

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 143041732
Conc: 517.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

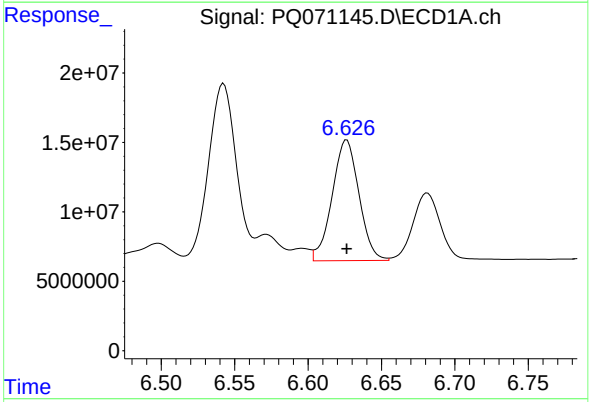
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



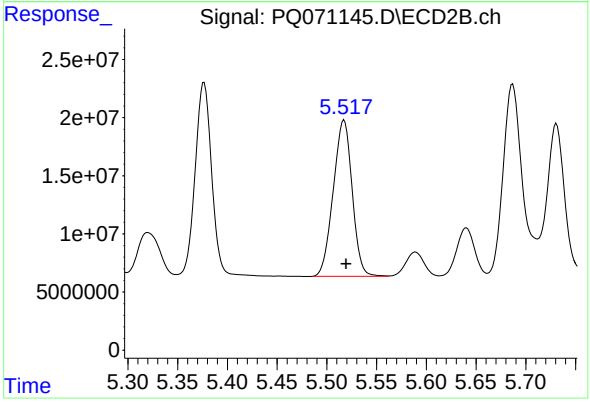
#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 195476412
Conc: 444.27 ng/ml



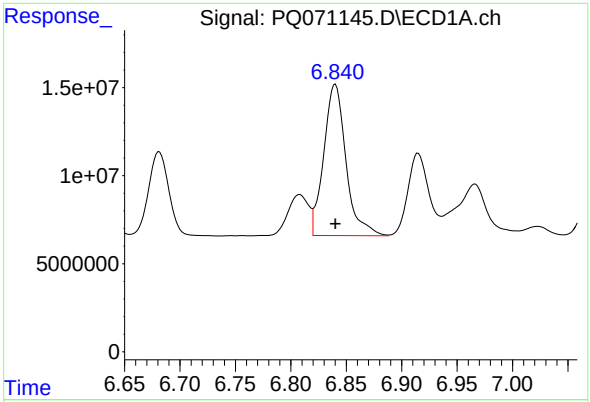
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 110732452
Conc: 555.58 ng/ml



#33 AR-1260-3

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 177589537
Conc: 427.93 ng/ml



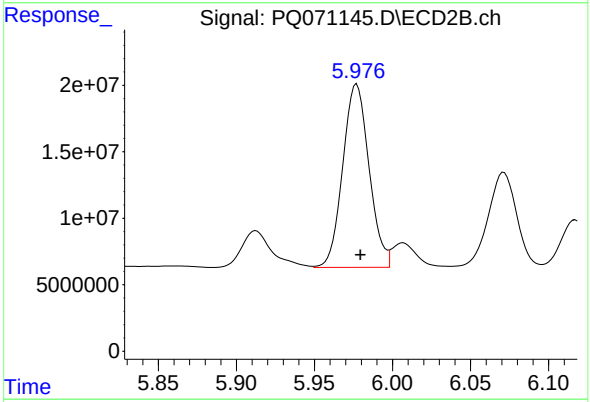
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 120317188
Conc: 559.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

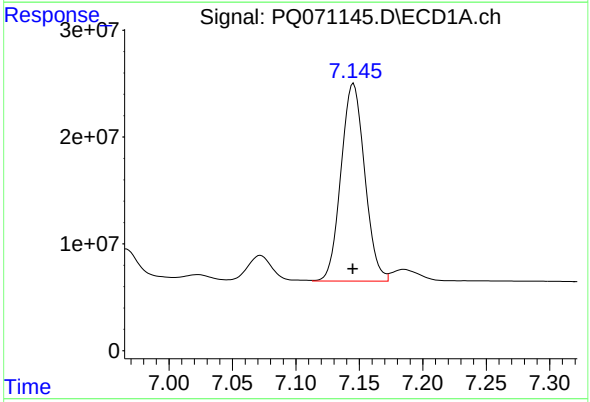
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



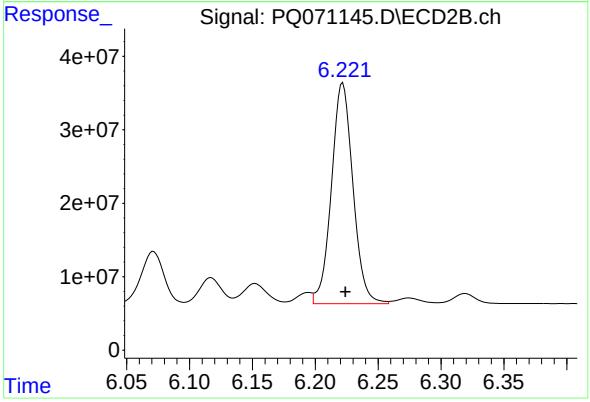
#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 161722051
Conc: 449.52 ng/ml



#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 240418249
Conc: 554.24 ng/ml



#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 358625596
Conc: 426.79 ng/ml

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

Analytical Sequence

Client: AECOM **SDG No.:** Q3393

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	10/21/2025	14:45	PO114542.D	9.94	4.36
I.BLK	I.BLK	10/21/2025	15:59	PO114546.D	9.94	4.36
PR132-S10-000022-20251017	Q3393-01	10/21/2025	16:17	PO114547.D	9.94	4.35
PR132-S10-022047-20251017	Q3393-02	10/21/2025	16:36	PO114548.D	9.94	4.36
AR1660CCC500	AR1660CCC500	10/21/2025	20:13	PO114557.D	9.94	4.36
I.BLK	I.BLK	10/21/2025	21:43	PO114561.D	9.94	4.36
PR132-S08-013038-20251017	Q3393-03	10/21/2025	22:01	PO114562.D	9.94	4.35
PR132-S06-000021-20251017	Q3393-04	10/21/2025	22:19	PO114563.D	9.94	4.35
PR132-S08-000013-20251017	Q3393-05	10/21/2025	22:36	PO114564.D	9.94	4.35
AR1660CCC500	AR1660CCC500	10/21/2025	23:49	PO114565.D	9.94	4.35
I.BLK	I.BLK	10/22/2025	01:36	PO114569.D	9.94	4.35
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

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

Analytical Sequence

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
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	10/21/2025	11:06	PQ071029.D	8.50	3.40
I.BLK	I.BLK	10/21/2025	12:09	PQ071033.D	8.50	3.40
PB170178BL	PB170178BL	10/21/2025	13:31	PQ071034.D	8.52	3.42
41-LAMS	Q3402-01MS	10/21/2025	15:28	PQ071042.D	8.50	3.40
41-LAMSD	Q3402-01MSD	10/21/2025	15:42	PQ071043.D	8.50	3.40
AR1660CCC500	AR1660CCC500	10/21/2025	16:41	PQ071044.D	8.50	3.40
I.BLK	I.BLK	10/21/2025	18:08	PQ071048.D	8.50	3.40
AR1660CCC500	AR1660CCC500	10/24/2025	13:57	PQ071134.D	8.50	3.40
I.BLK	I.BLK	10/24/2025	14:55	PQ071138.D	8.50	3.40
PB170178BS	PB170178BS	10/24/2025	15:24	PQ071140.D	8.50	3.40
AR1660CCC500	AR1660CCC500	10/24/2025	17:21	PQ071145.D	8.50	3.40
I.BLK	I.BLK	10/24/2025	18:05	PQ071147.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.:** Q3393

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	10/21/2025	14:45	PO114542.D	8.66	3.66
I.BLK	I.BLK	10/21/2025	15:59	PO114546.D	8.66	3.66
PR132-S10-000022-20251017	Q3393-01	10/21/2025	16:17	PO114547.D	8.66	3.66
PR132-S10-022047-20251017	Q3393-02	10/21/2025	16:36	PO114548.D	8.66	3.66
AR1660CCC500	AR1660CCC500	10/21/2025	20:13	PO114557.D	8.66	3.66
I.BLK	I.BLK	10/21/2025	21:43	PO114561.D	8.66	3.66
PR132-S08-013038-20251017	Q3393-03	10/21/2025	22:01	PO114562.D	8.66	3.66
PR132-S06-000021-20251017	Q3393-04	10/21/2025	22:19	PO114563.D	8.66	3.66
PR132-S08-000013-20251017	Q3393-05	10/21/2025	22:36	PO114564.D	8.66	3.66
AR1660CCC500	AR1660CCC500	10/21/2025	23:49	PO114565.D	8.66	3.66
I.BLK	I.BLK	10/22/2025	01:36	PO114569.D	8.66	3.66
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

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

Analytical Sequence

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
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	10/21/2025	11:06	PQ071029.D	7.53	2.78
I.BLK	I.BLK	10/21/2025	12:09	PQ071033.D	7.53	2.78
PB170178BL	PB170178BL	10/21/2025	13:31	PQ071034.D	7.54	2.77
41-LAMS	Q3402-01MS	10/21/2025	15:28	PQ071042.D	7.53	2.78
41-LAMSD	Q3402-01MSD	10/21/2025	15:42	PQ071043.D	7.53	2.78
AR1660CCC500	AR1660CCC500	10/21/2025	16:41	PQ071044.D	7.53	2.78
I.BLK	I.BLK	10/21/2025	18:08	PQ071048.D	7.53	2.78
AR1660CCC500	AR1660CCC500	10/24/2025	13:57	PQ071134.D	7.53	2.78
I.BLK	I.BLK	10/24/2025	14:55	PQ071138.D	7.53	2.78
PB170178BS	PB170178BS	10/24/2025	15:24	PQ071140.D	7.53	2.78
AR1660CCC500	AR1660CCC500	10/24/2025	17:21	PQ071145.D	7.53	2.78
I.BLK	I.BLK	10/24/2025	18:05	PQ071147.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-S10-000022-2025

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3393

Lab Sample ID: Q3393-01 Date(s) Analyzed: 10/21/2025 10/21/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO114547.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	5.494	5.444	5.544	69.9		
	2	5.764	5.714	5.814	50.0		
	3	5.964	5.914	6.014	30.4		
COLUMN 1	4	6.362	6.312	6.412	33.0		
	5	6.401	6.351	6.451	37.7	44.2	
	1	4.738	4.688	4.788	53.1		
	2	4.973	4.923	5.023	53.2		
	3	5.016	4.966	5.066	42.2		
	4	5.189	5.139	5.239	71.6		
COLUMN 2	5	5.579	5.529	5.629	35.8	51.2	14.68

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PR132-S08-000013-2025

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3393

Lab Sample ID: Q3393-05 | Date(s) Analyzed: 10/21/2025 10/21/2025

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

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

Data file PO114564.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.333	6.283	6.383	38.0		
	2	6.551	6.501	6.601	29.3		
	3	6.91	6.86	6.96	31.8		
COLUMN 1	4	7.193	7.143	7.243	19.6		
	5	7.608	7.558	7.658	12.0	26.1	
	1	5.54	5.49	5.59	54.6		
	2	5.683	5.633	5.733	18.6		
	3	6.086	6.036	6.136	17.5		
	4	6.312	6.262	6.362	14.0		
COLUMN 2	5	6.73	6.68	6.78	10.1	23.0	12.63

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

41-LAMS

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3393

Lab Sample ID: Q3402-01MS Date(s) Analyzed: 10/21/2025 10/21/2025

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

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

Data file PQ071042.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.481	4.431	4.531	202		
	2	4.499	4.449	4.549	227		
	3	4.556	4.506	4.606	228		
COLUMN 1	4	4.646	4.596	4.696	243		
	5	4.93	4.88	4.98	218	224	
	1	3.776	3.726	3.826	195		
	2	3.792	3.742	3.842	203		
	3	3.952	3.902	4.002	203		
	4	4.001	3.951	4.051	194		
COLUMN 2	5	4.196	4.146	4.246	197	199	11.82
Aroclor-1260	1	6.02	5.97	6.07	205		
	2	6.276	6.226	6.326	201		
	3	6.627	6.577	6.677	163		
COLUMN 1	4	6.841	6.791	6.891	175		
	5	7.147	7.097	7.197	170	183	
	1	5.188	5.138	5.238	187		
	2	5.378	5.328	5.428	183		
	3	5.518	5.468	5.568	181		
	4	5.979	5.929	6.029	151		
COLUMN 2	5	6.224	6.174	6.274	133	167	9.14

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

41-LAMSD

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3393

Lab Sample ID: Q3402-01MSD | Date(s) Analyzed: 10/21/2025 10/21/2025

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

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

Data file PQ071043.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.48	4.43	4.53	196		
	2	4.499	4.449	4.549	224		
	3	4.556	4.506	4.606	229		
COLUMN 1	4	4.646	4.596	4.696	246		
	5	4.93	4.88	4.98	213	222	
	1	3.776	3.726	3.826	195		
	2	3.792	3.742	3.842	200		
	3	3.952	3.902	4.002	201		
	4	4.001	3.951	4.051	191		
COLUMN 2	5	4.196	4.146	4.246	193	196	12.44
Aroclor-1260	1	6.02	5.97	6.07	203		
	2	6.276	6.226	6.326	196		
	3	6.628	6.578	6.678	159		
COLUMN 1	4	6.841	6.791	6.891	171		
	5	7.147	7.097	7.197	167	179	
	1	5.188	5.138	5.238	183		
	2	5.377	5.327	5.427	182		
	3	5.518	5.468	5.568	178		
	4	5.978	5.928	6.028	148		
COLUMN 2	5	6.223	6.173	6.273	130	164	8.75

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170178BS

Lab Name: Alliance | Contract: AECO02

Lab Code: ACE | SDG NO.: Q3393

Lab Sample ID: PB170178BS | Date(s) Analyzed: 10/24/2025 10/24/2025

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 PQ071140.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.479	4.429	4.529	179		
	2	4.498	4.448	4.548	183		
	3	4.556	4.506	4.606	185		
COLUMN 1	4	4.645	4.595	4.695	187		
	5	4.93	4.88	4.98	179	183	
	1	3.775	3.725	3.825	149		
	2	3.791	3.741	3.841	148		
	3	3.951	3.901	4.001	153		
	4	4	3.95	4.05	151		
COLUMN 2	5	4.195	4.145	4.245	149	150	19.82
Aroclor-1260	1	6.019	5.969	6.069	185		
	2	6.275	6.225	6.325	200		
	3	6.626	6.576	6.676	166		
COLUMN 1	4	6.84	6.79	6.89	177		
	5	7.146	7.096	7.196	176	181	
	1	5.186	5.136	5.236	162		
	2	5.376	5.326	5.426	154		
	3	5.516	5.466	5.566	154		
	4	5.977	5.927	6.027	139		
COLUMN 2	5	6.222	6.172	6.272	134	149	19.39

QC SAMPLE DATA

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	
Client Sample ID:	PB170178BL	SDG No.:	Q3393
Lab Sample ID:	PB170178BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	17.0	U	1	3.90	17.0	ug/kg	10/21/25 13:31	PB170178
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	10/21/25 13:31	PB170178
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	10/21/25 13:31	PB170178
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	10/21/25 13:31	PB170178
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	10/21/25 13:31	PB170178
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	10/21/25 13:31	PB170178
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	10/21/25 13:31	PB170178
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	10/21/25 13:31	PB170178
11096-82-5	Aroclor-1260	17.0	U	1	3.20	17.0	ug/kg	10/21/25 13:31	PB170178
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.1			32 - 144	130%	SPK: 20		
2051-24-3	Decachlorobiphenyl	29.7			32 - 175	148%	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\PQ102125\
Data File : PQ071034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:31
Operator : YP\AJ
Sample : PB170178BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170178BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 16:57:43 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...	3.416	2.774	113.4E6	120.7E6	26.073	23.755
2)	SA Decachlor...	8.524	7.537	86123231	142.0E6	29.657	28.130
	Target Compounds						

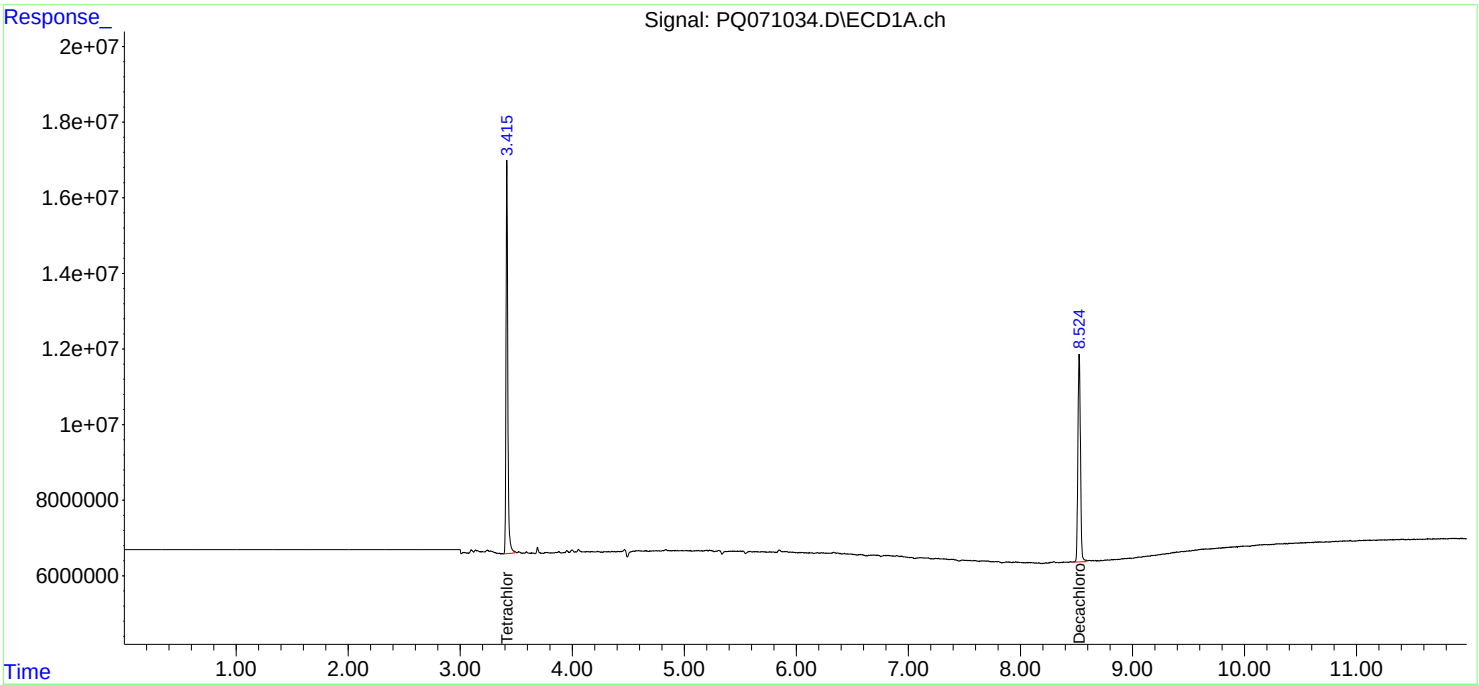
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

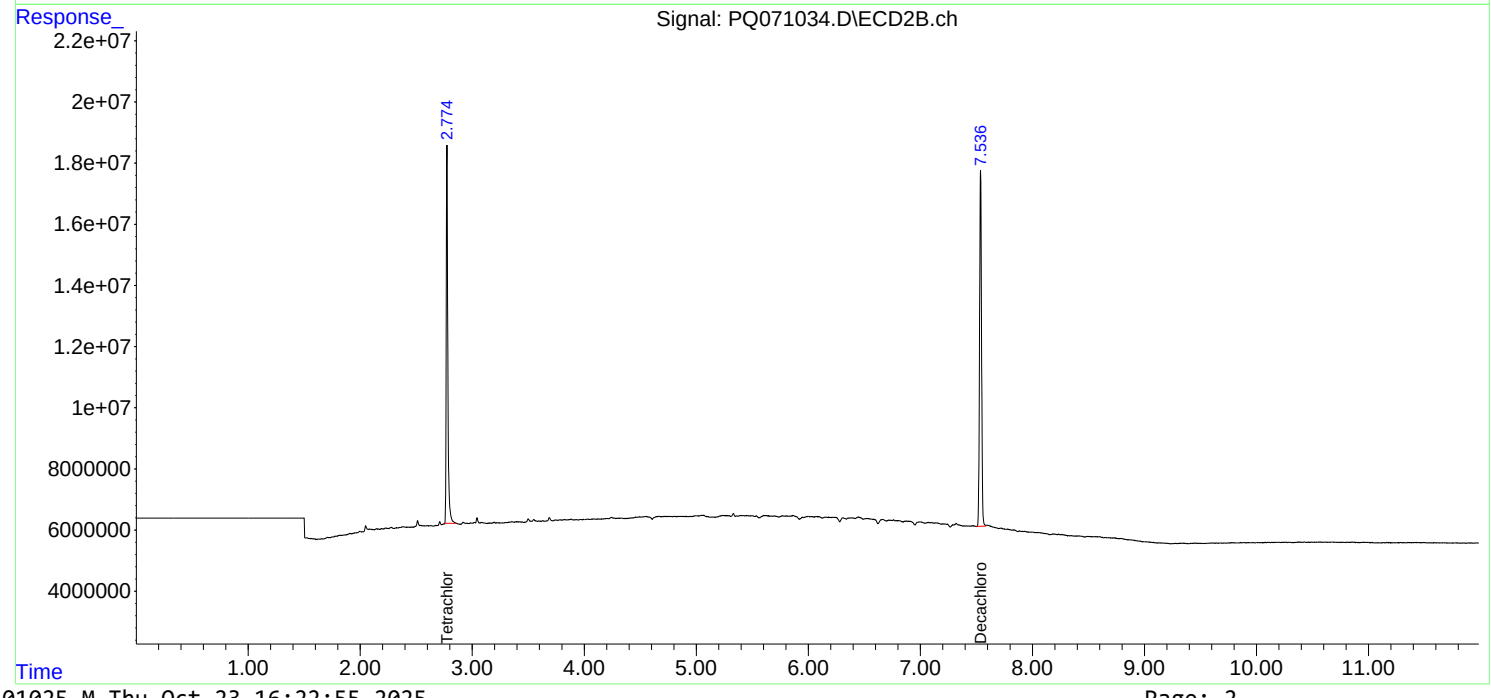
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:31
Operator : YP\AJ
Sample : PB170178BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

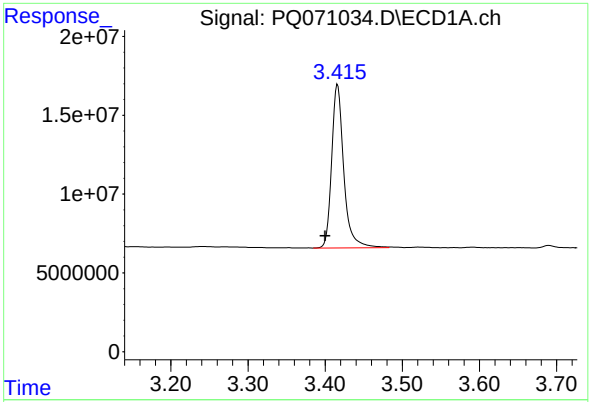
Instrument :
ECD_Q
ClientSampleId :
PB170178BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 16:57:43 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



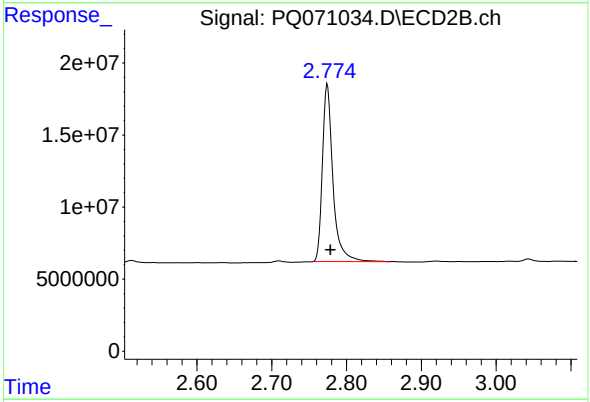




#1 Tetrachloro-m-xylene

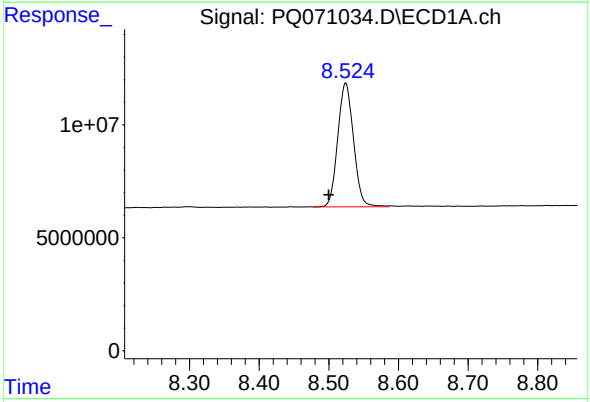
R.T.: 3.416 min
Delta R.T.: 0.016 min
Response: 113423886
Conc: 26.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170178BL



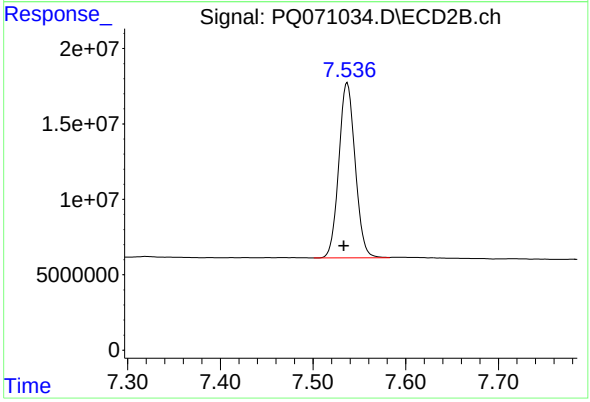
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 120674472
Conc: 23.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.524 min
Delta R.T.: 0.024 min
Response: 86123231
Conc: 29.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.537 min
Delta R.T.: 0.004 min
Response: 142042360
Conc: 28.13 ng/ml

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.:	Q3393
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						

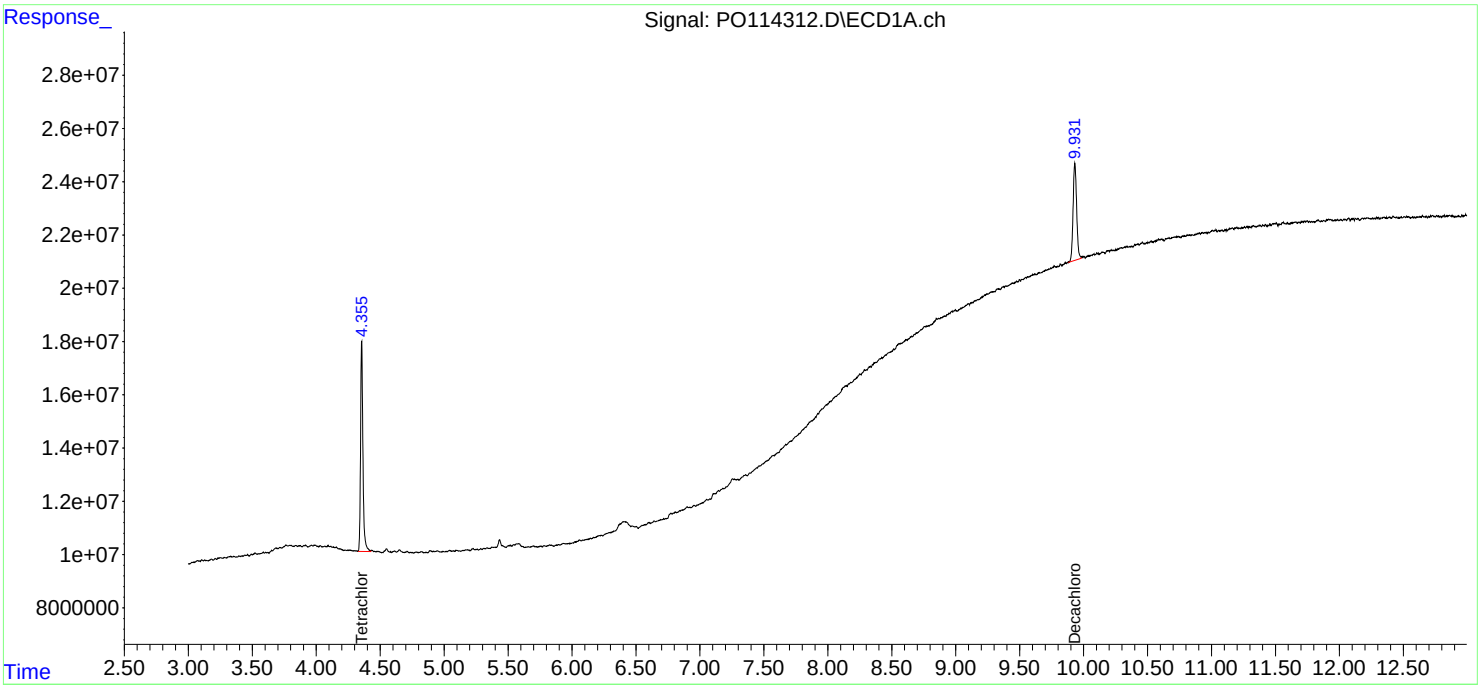
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

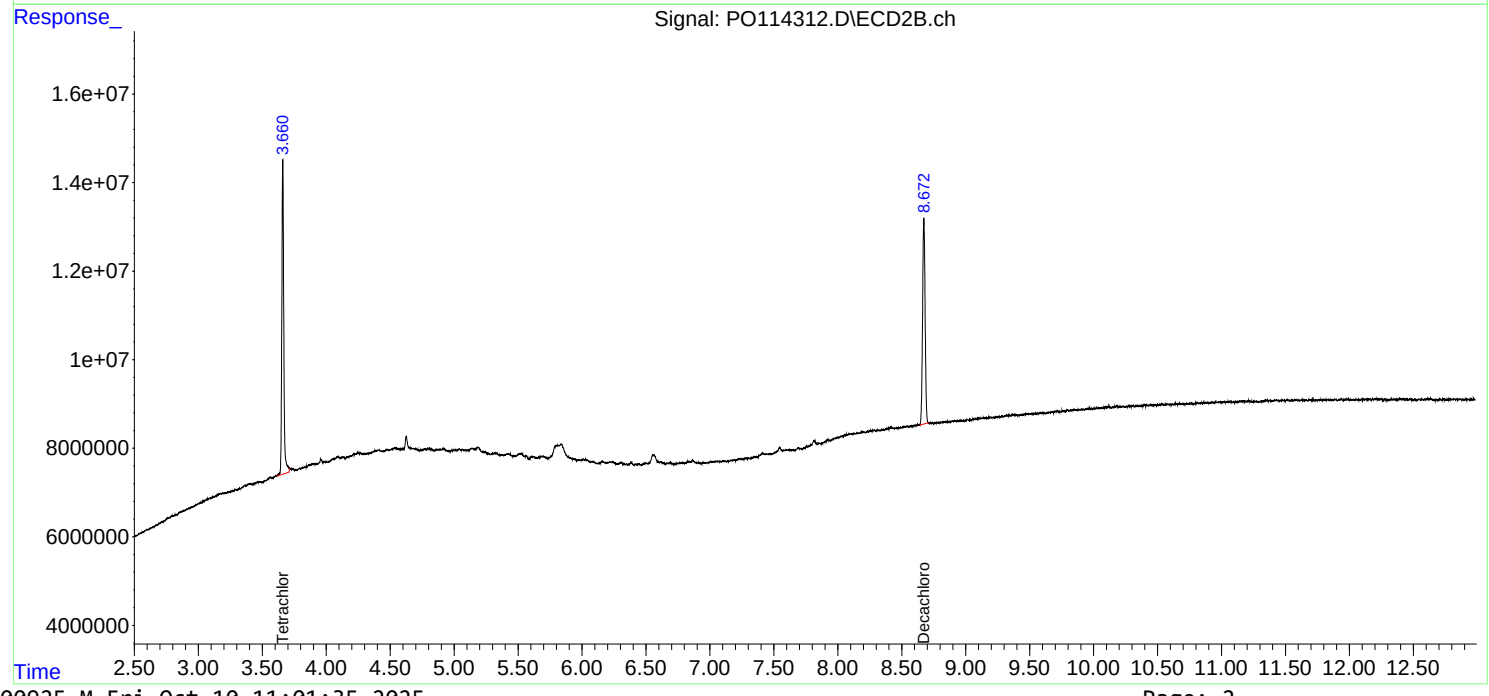
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 13:55
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

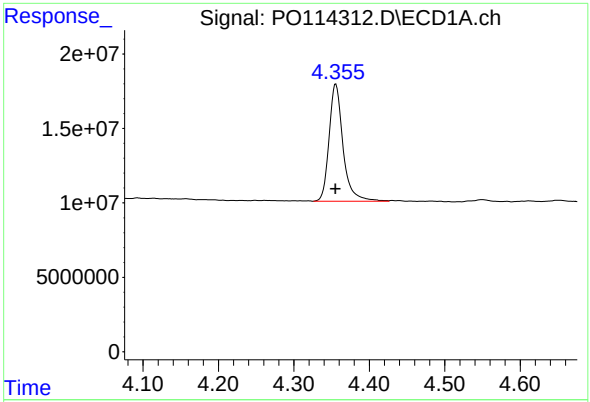
Instrument :
ECD_O
ClientSampleId :
I.BLK

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



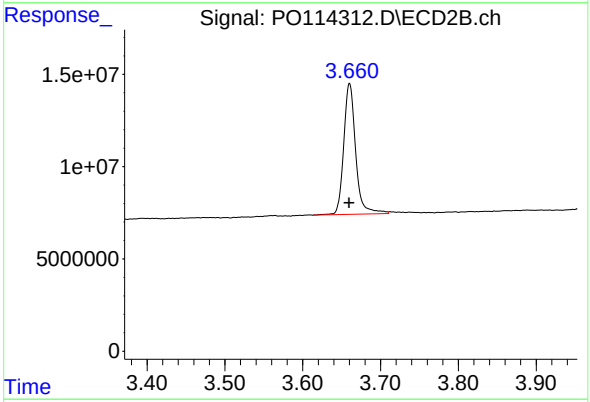




#1 Tetrachloro-m-xylene

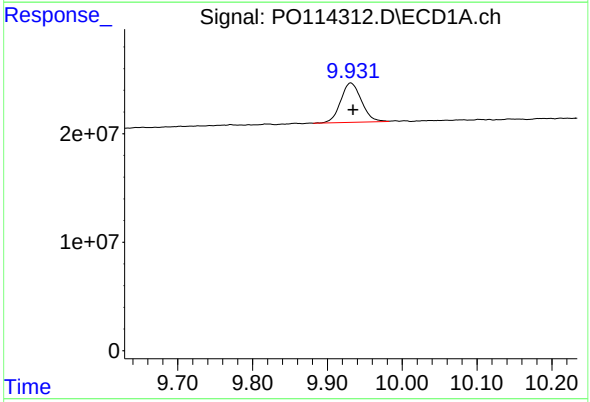
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 101234471
Conc: 18.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



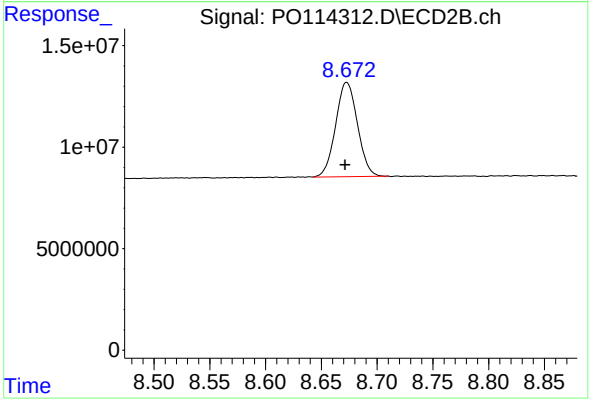
#1 Tetrachloro-m-xylene

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

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-PO114546.D	SDG No.:	Q3393
Lab Sample ID:	I.BLK-PO114546.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	PO102125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/21/25	PO102125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/21/25	PO102125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/21/25	PO102125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/21/25	PO102125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/21/25	PO102125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/21/25	PO102125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/21/25	PO102125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/21/25	PO102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.7			60 - 140	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.3			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\PO102125\
Data File : PO114546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:59
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 22 08:21:30 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...	4.355	3.656	118.0E6	87862570	21.731	21.953
2)	SA Decachlor...	9.943	8.659	77488265	71521398	21.281	21.457
	Target Compounds						

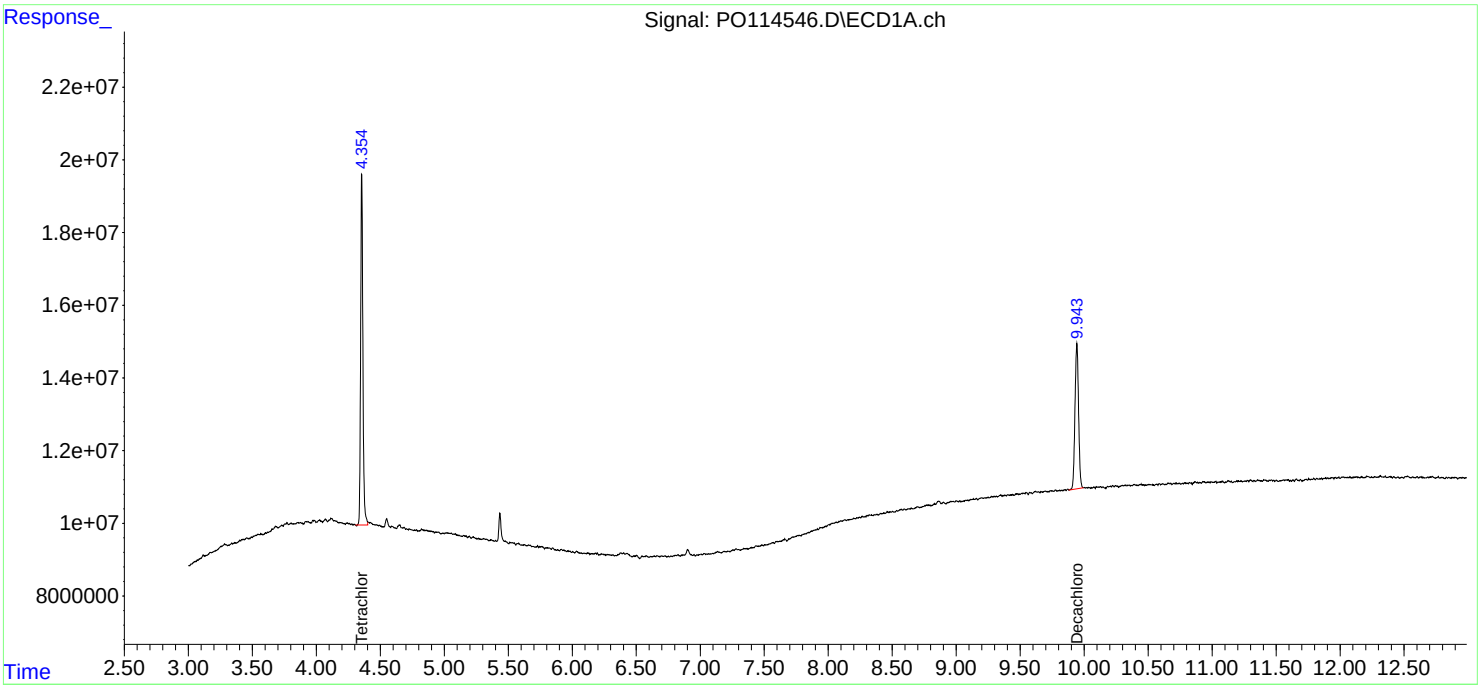
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

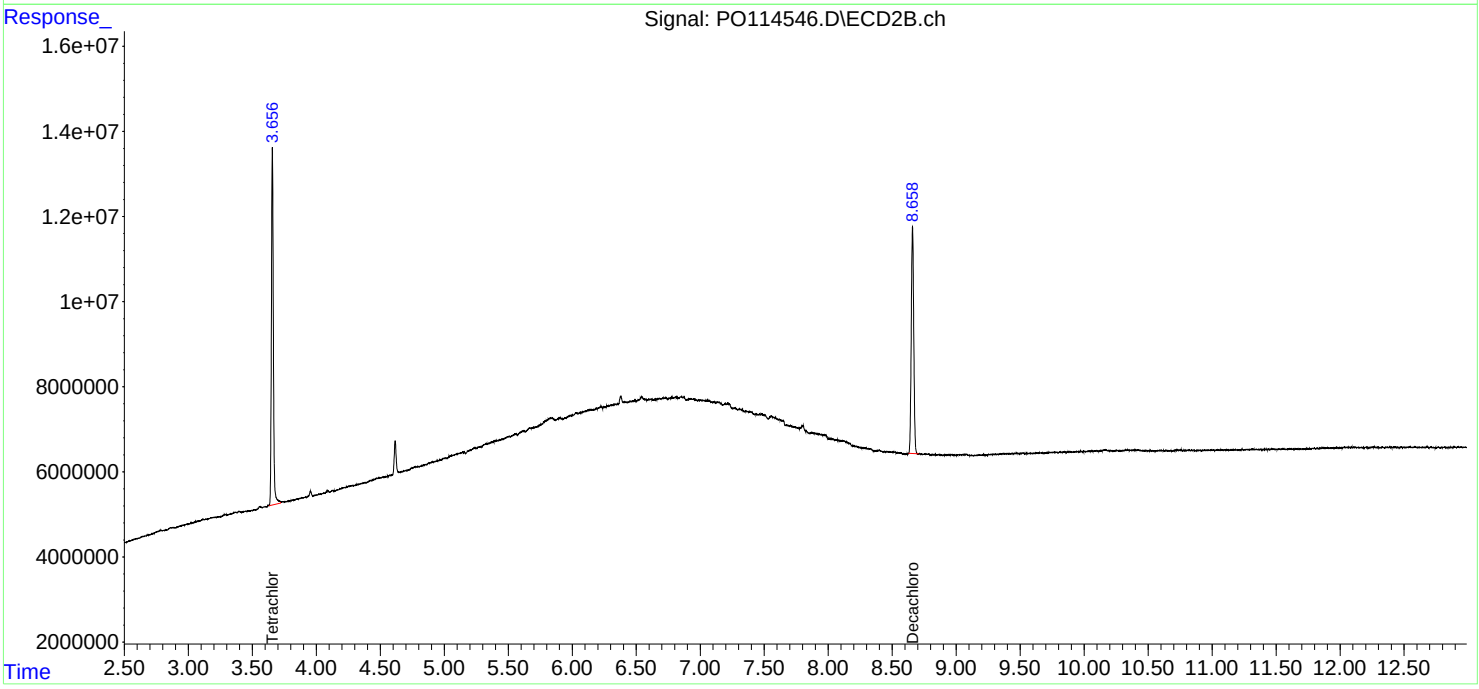
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:59
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

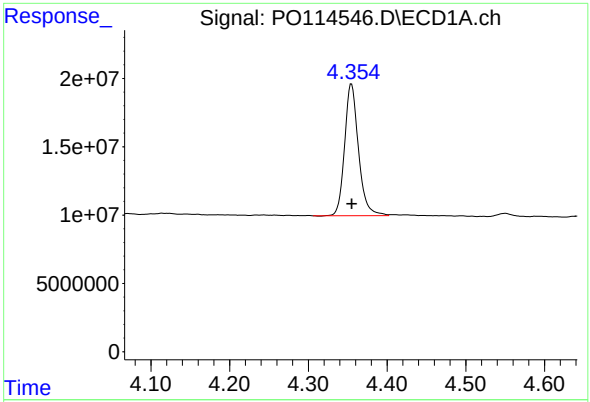
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:21:30 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



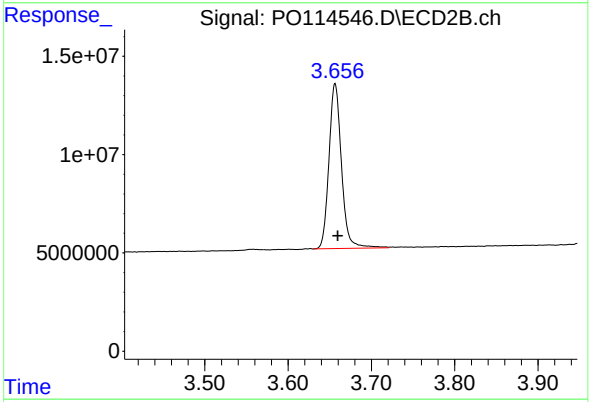




#1 Tetrachloro-m-xylene

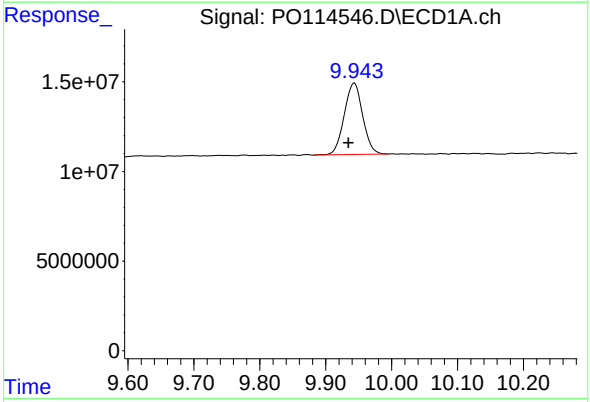
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 117977599
Conc: 21.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



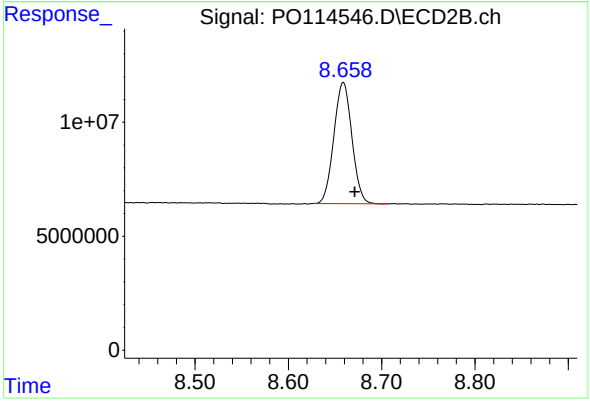
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: -0.003 min
Response: 87862570
Conc: 21.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.943 min
Delta R.T.: 0.009 min
Response: 77488265
Conc: 21.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.659 min
Delta R.T.: -0.012 min
Response: 71521398
Conc: 21.46 ng/ml

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-PO114561.D	SDG No.:	Q3393
Lab Sample ID:	I.BLK-PO114561.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	PO102125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/21/25	PO102125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/21/25	PO102125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/21/25	PO102125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/21/25	PO102125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/21/25	PO102125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/21/25	PO102125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/21/25	PO102125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/21/25	PO102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.1			60 - 140	110%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.7			60 - 140	108%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 21:43
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:27:32 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...	4.355	3.657	121.2E6	88396320	22.321	22.087
2)	SA Decachlor...	9.942	8.658	78864162	73149864	21.659	21.946
	Target Compounds						

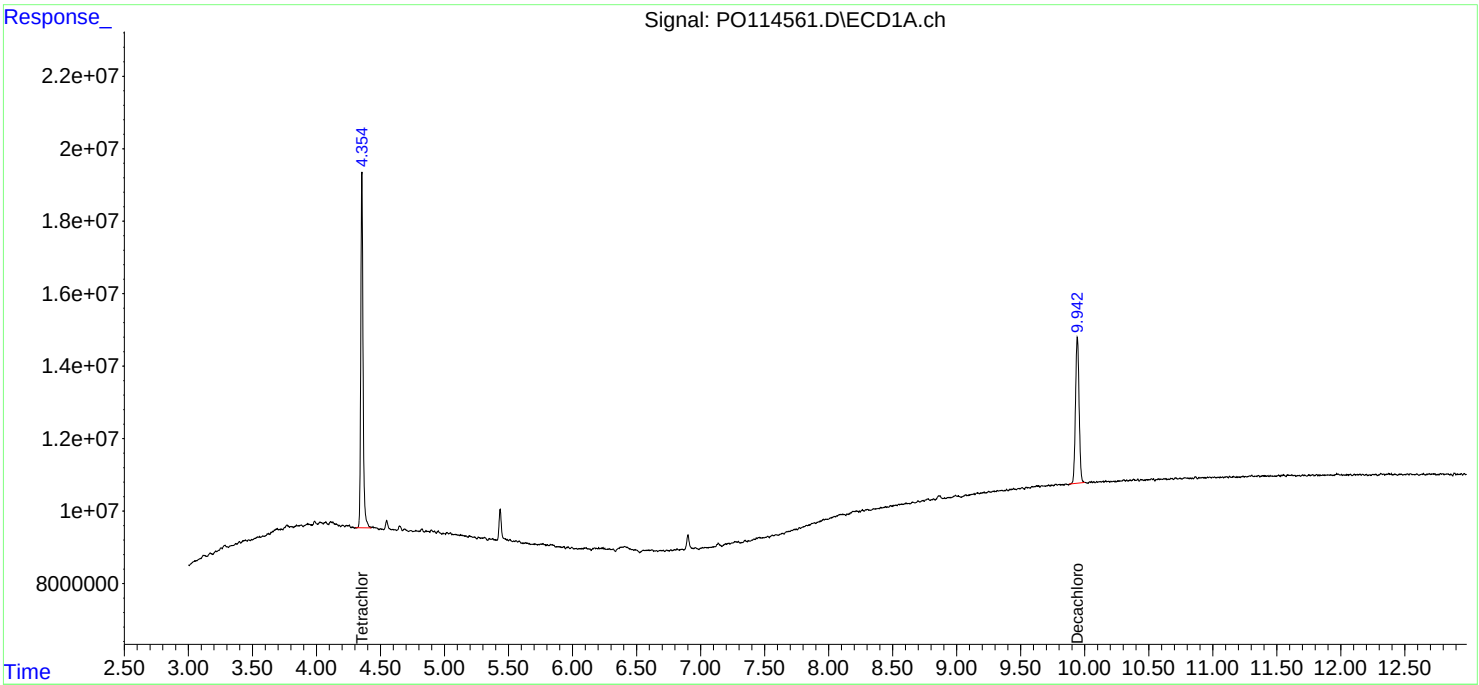
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

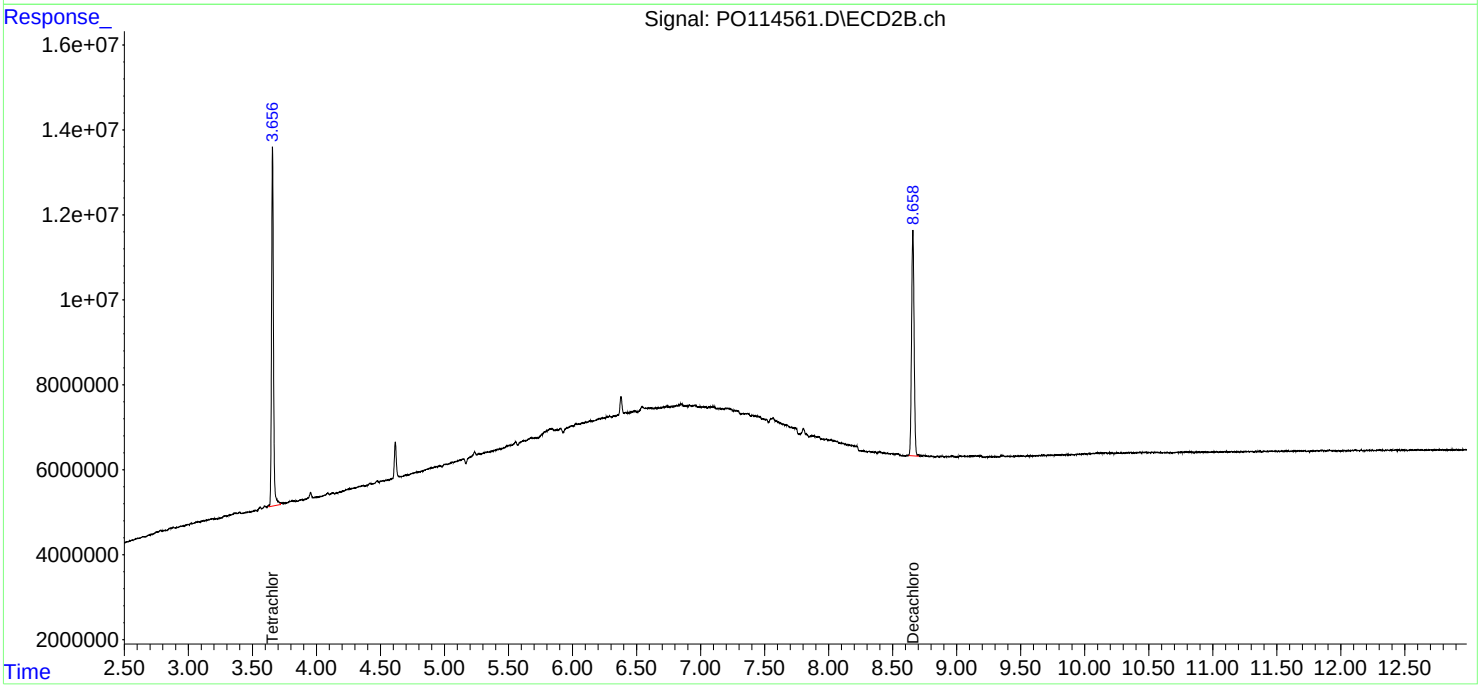
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 21:43
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

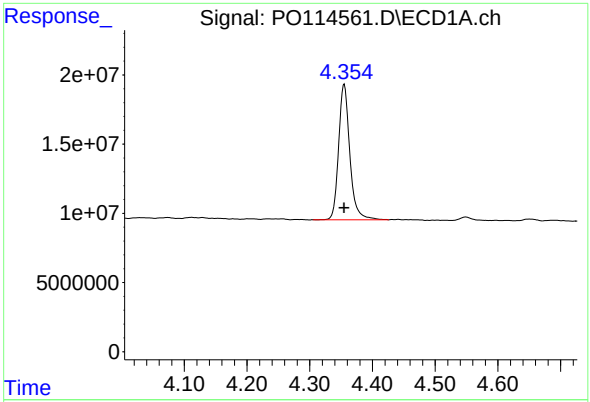
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:27:32 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



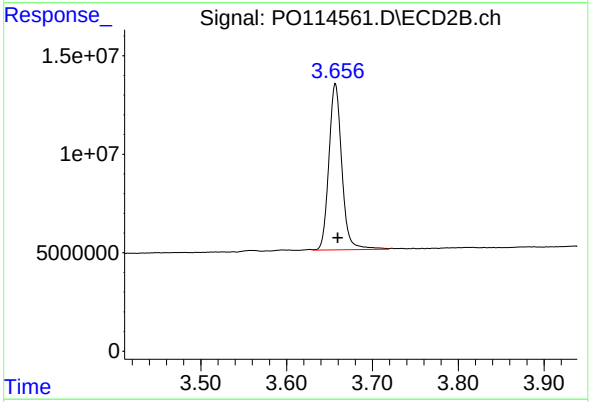




#1 Tetrachloro-m-xylene

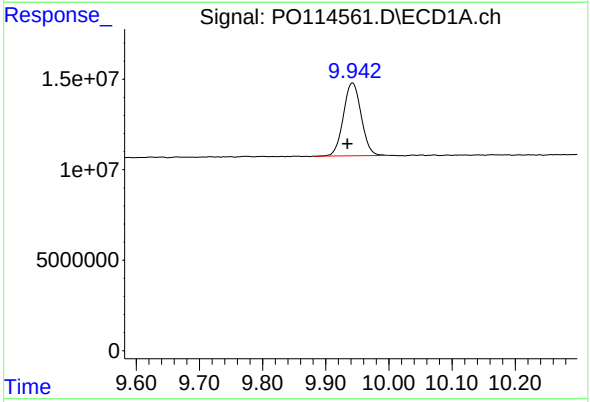
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 121181909
Conc: 22.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



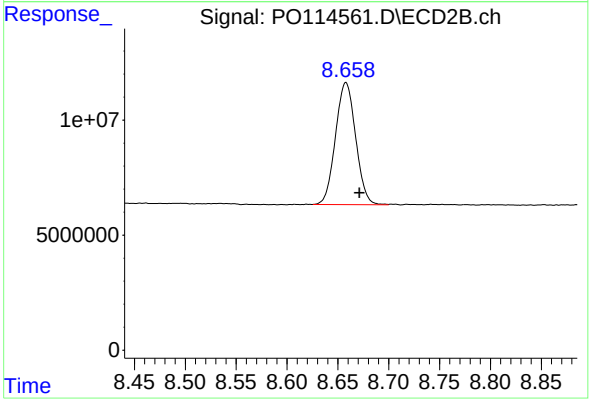
#1 Tetrachloro-m-xylene

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 88396320
Conc: 22.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.942 min
Delta R.T.: 0.008 min
Response: 78864162
Conc: 21.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.658 min
Delta R.T.: -0.013 min
Response: 73149864
Conc: 21.95 ng/ml

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

Report of Analysis

Client:	AECOM	Date Collected:	10/22/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/22/25
Client Sample ID:	PIBLK-PO114569.D	SDG No.:	Q3393
Lab Sample ID:	I.BLK-PO114569.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	10/22/25	PO102125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/22/25	PO102125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/22/25	PO102125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/22/25	PO102125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/22/25	PO102125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/22/25	PO102125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/22/25	PO102125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/22/25	PO102125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/22/25	PO102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.6			60 - 140	113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.3			60 - 140	112%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 01:36
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 22 08:30:34 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...	4.353	3.656	127.1E6	90359180	23.404	22.577
2)	SA Decachlor...	9.938	8.656	81508457	74469557	22.386	22.342
	Target Compounds						

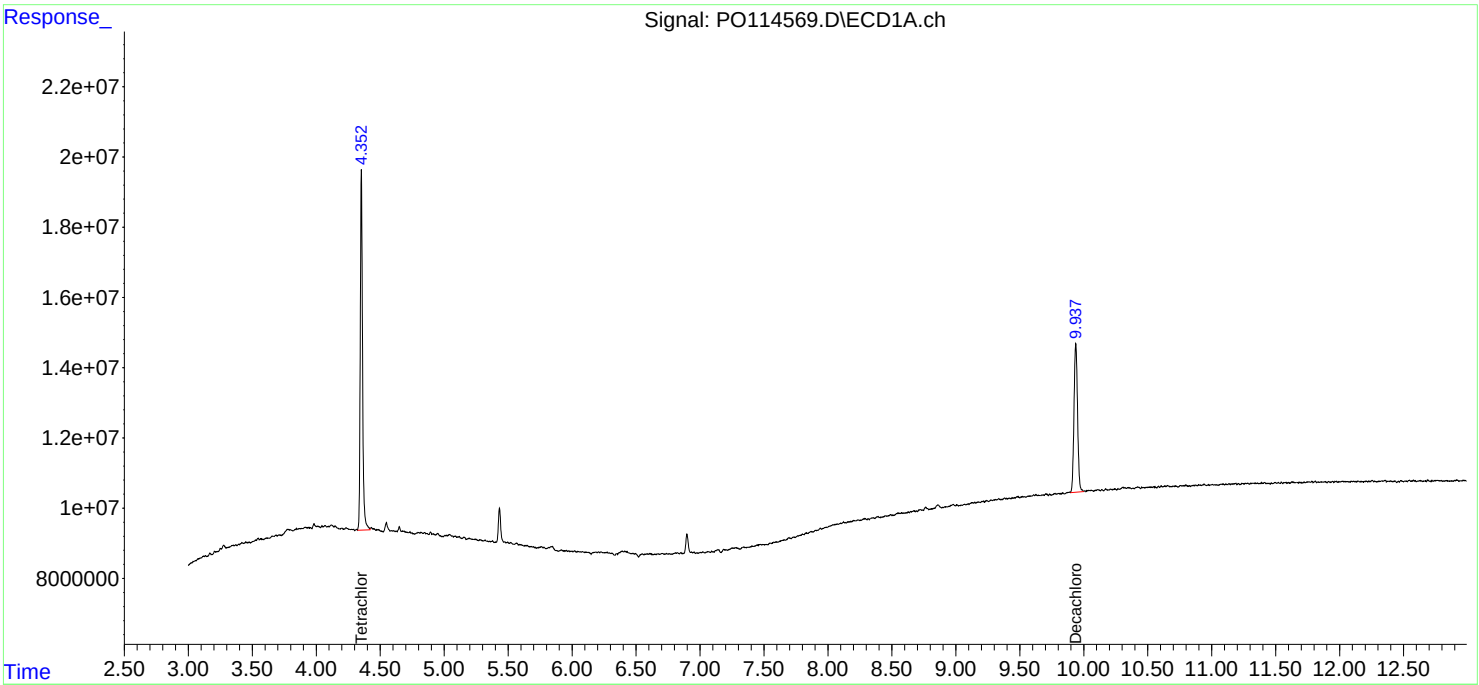
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

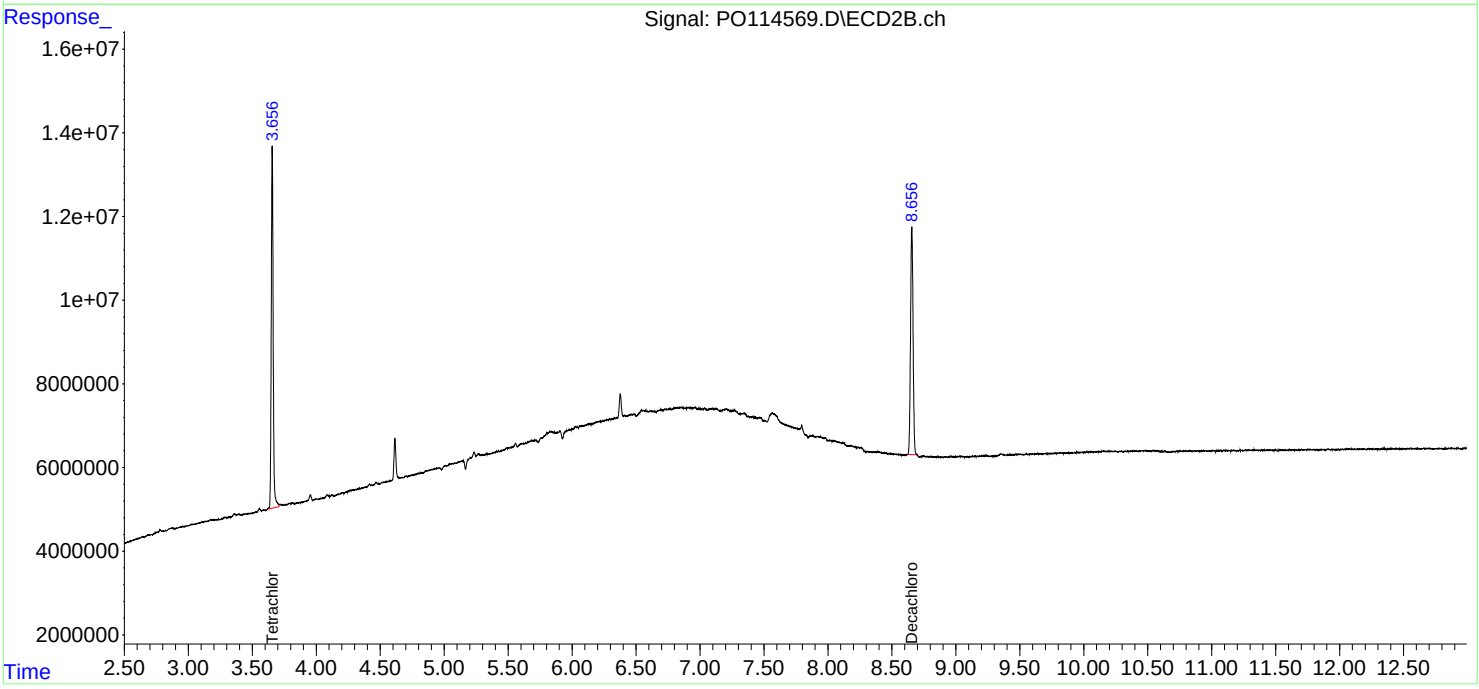
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102125\
Data File : PO114569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 01:36
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

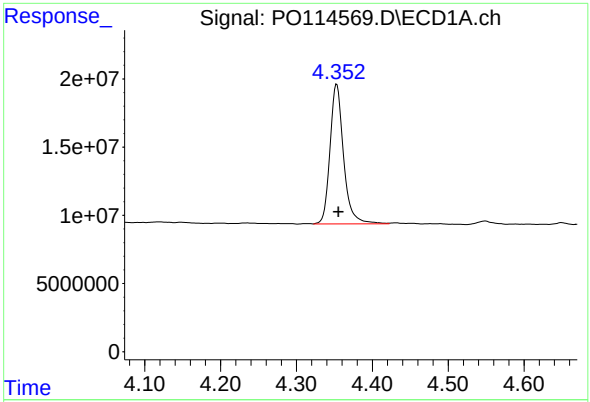
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:30:34 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



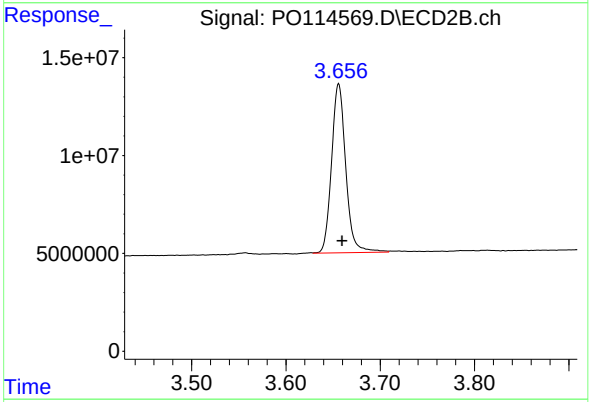




#1 Tetrachloro-m-xylene

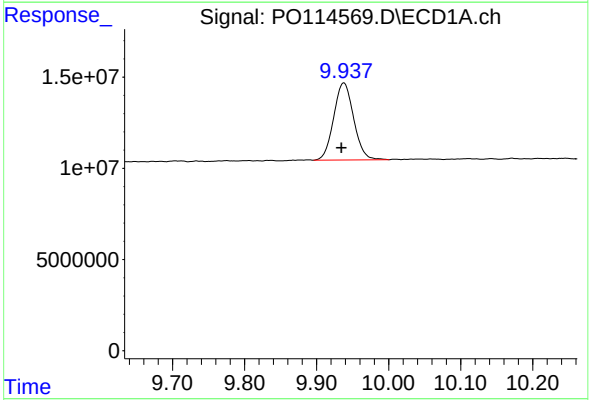
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 127059149
Conc: 23.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



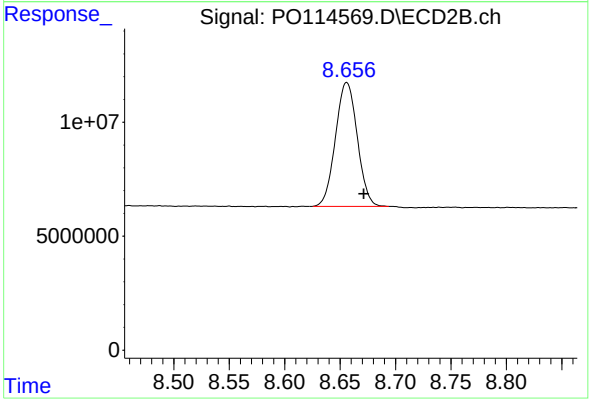
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: -0.004 min
Response: 90359180
Conc: 22.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.938 min
Delta R.T.: 0.004 min
Response: 81508457
Conc: 22.39 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.015 min
Response: 74469557
Conc: 22.34 ng/ml

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.:	Q3393
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						

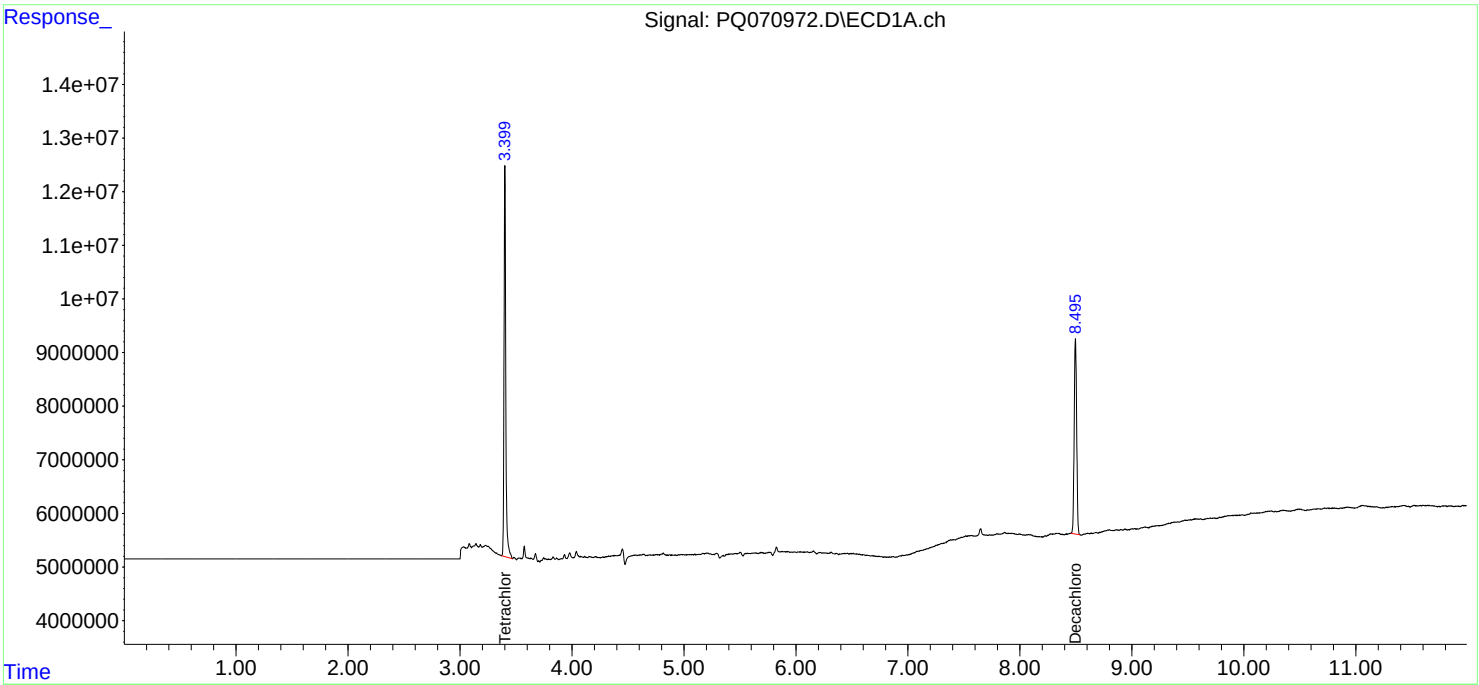
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

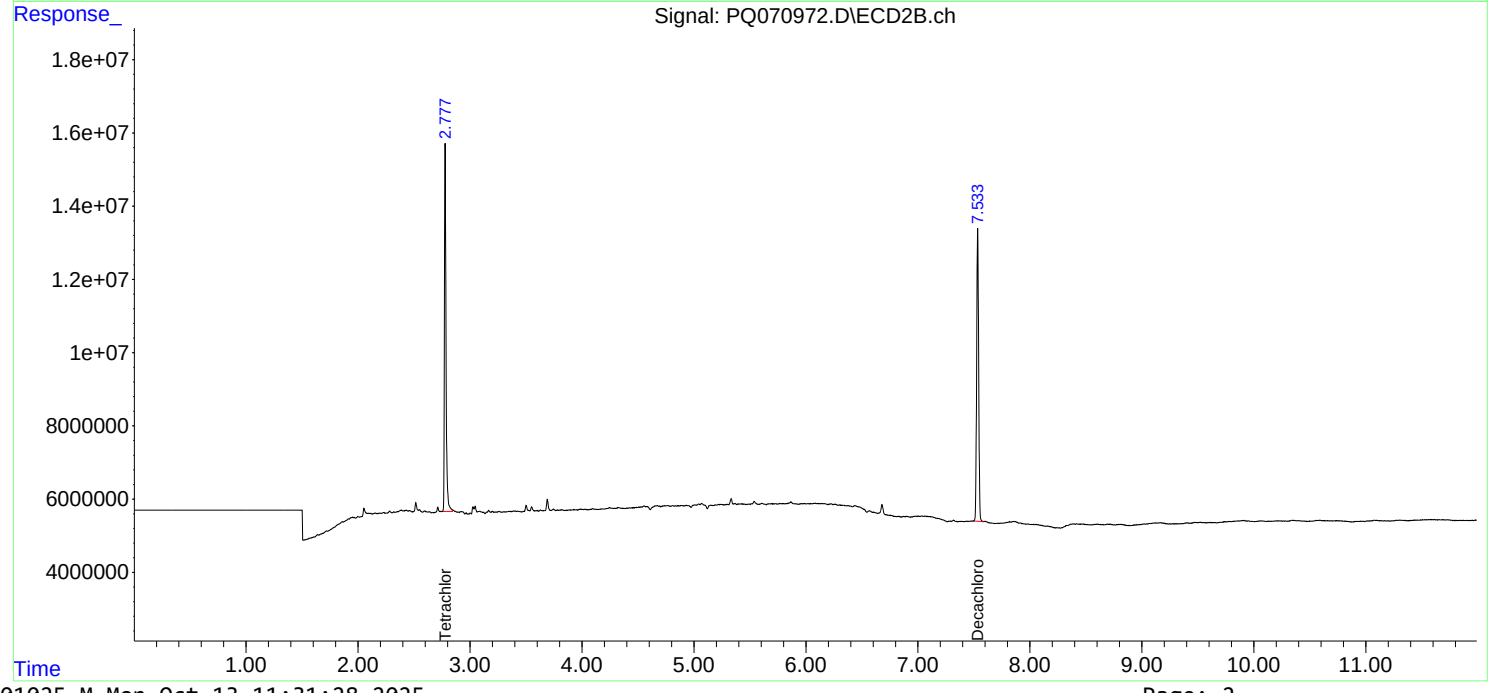
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

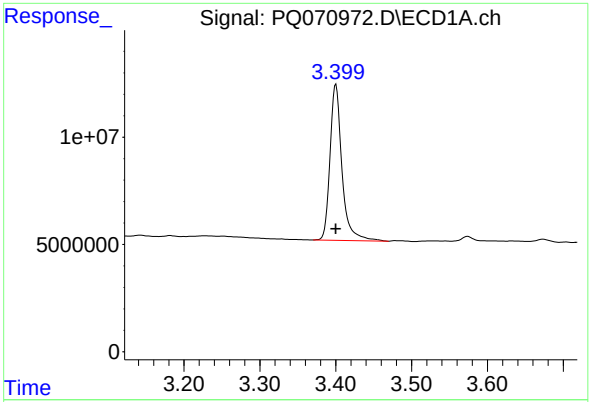
Instrument :
ECD_Q
ClientSampleId :
I.BLK

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



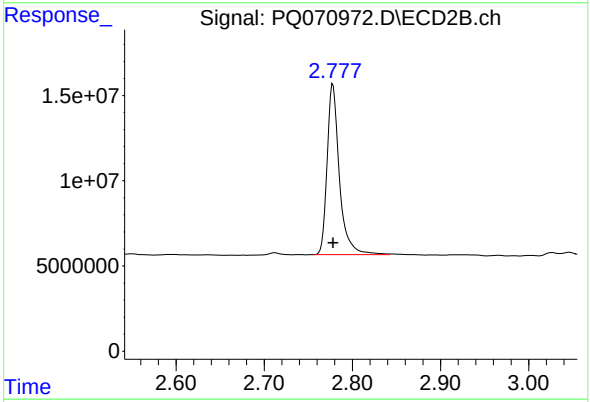




#1 Tetrachloro-m-xylene

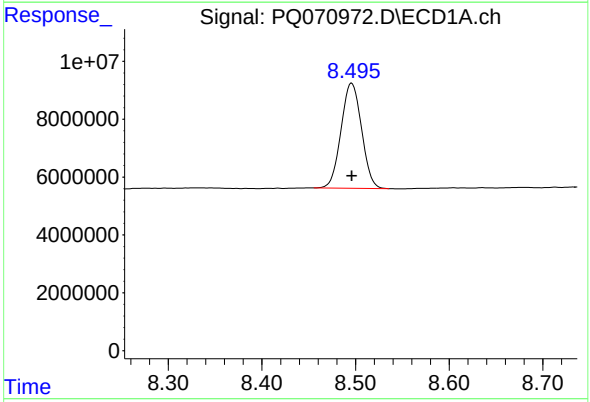
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 79509611
Conc: 18.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



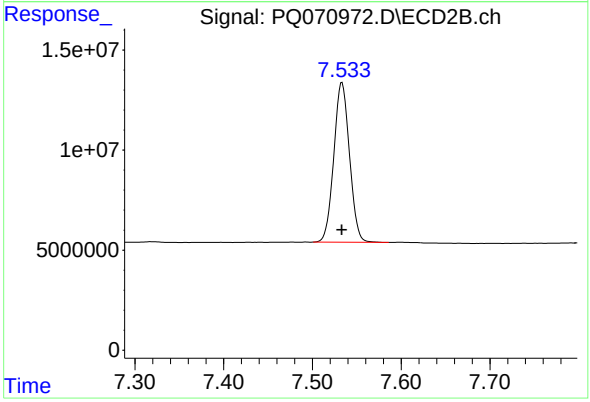
#1 Tetrachloro-m-xylene

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

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-PQ071033.D	SDG No.:	Q3393
Lab Sample ID:	I.BLK-PQ071033.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	PQ102125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/21/25	PQ102125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/21/25	PQ102125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/21/25	PQ102125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/21/25	PQ102125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/21/25	PQ102125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/21/25	PQ102125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/21/25	PQ102125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/21/25	PQ102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.7			60 - 140	104%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.5			60 - 140	123%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:09
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 22 13:43:44 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	2.777	94942279	105.3E6	21.824	20.720
2)	SA Decachlor...	8.498	7.533	71959059	123.7E6	24.779	24.495
	Target Compounds						

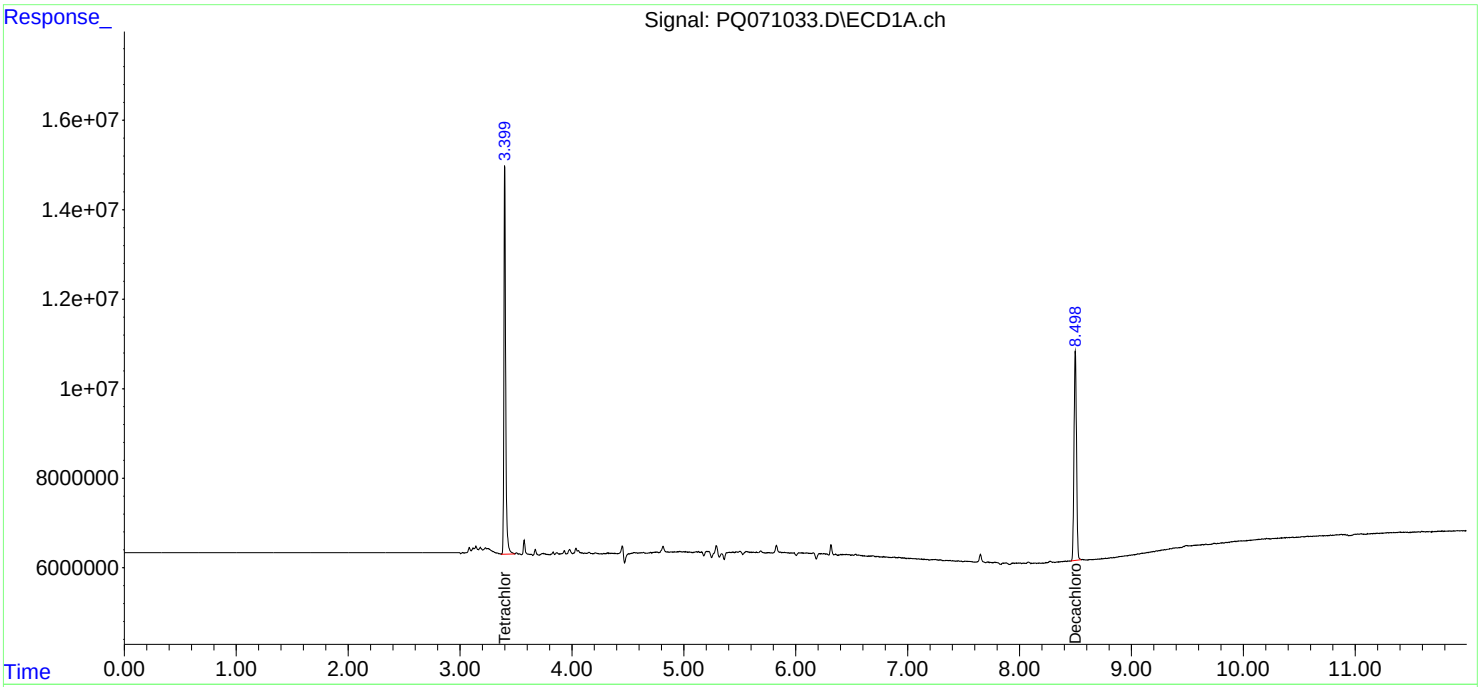
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

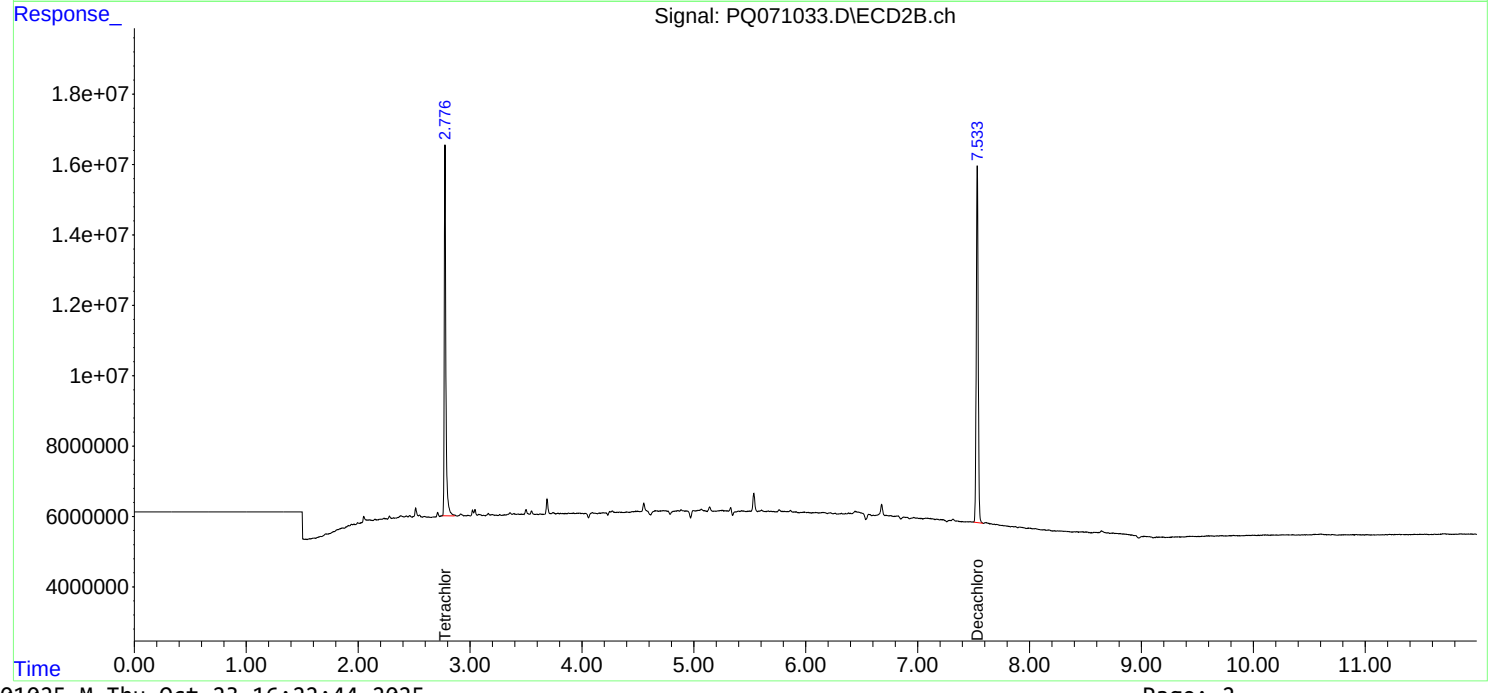
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

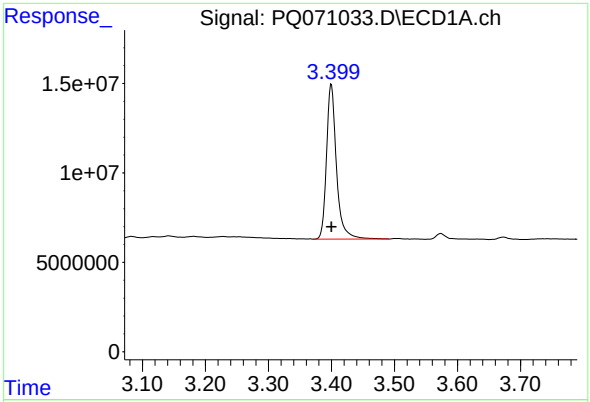
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 13:43:44 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



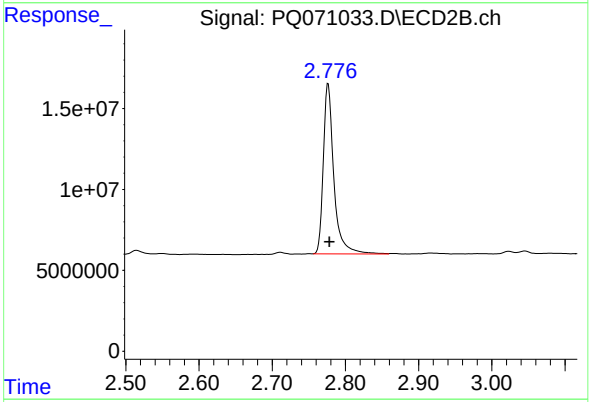




#1 Tetrachloro-m-xylene

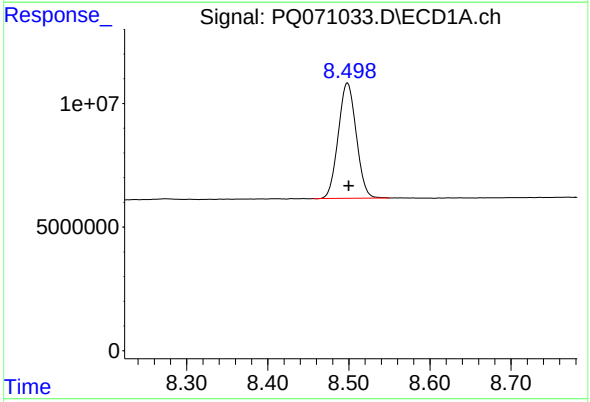
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 94942279
Conc: 21.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



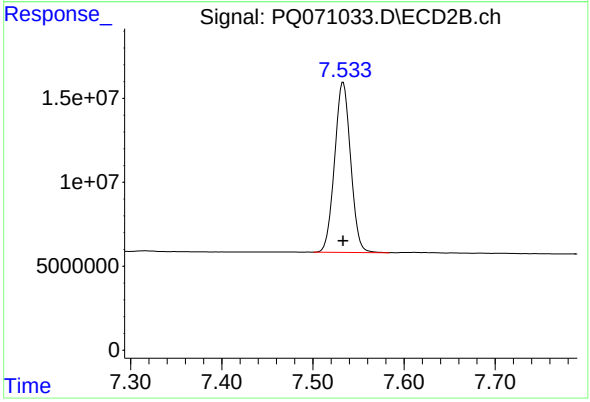
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.002 min
Response: 105257612
Conc: 20.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 71959059
Conc: 24.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 123689787
Conc: 24.50 ng/ml

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-PQ071048.D	SDG No.:	Q3393
Lab Sample ID:	I.BLK-PQ071048.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	PQ102125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/21/25	PQ102125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/21/25	PQ102125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/21/25	PQ102125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/21/25	PQ102125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/21/25	PQ102125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/21/25	PQ102125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/21/25	PQ102125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/21/25	PQ102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.9			60 - 140	95%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.3			60 - 140	112%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071048.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:08
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 22 13:47:39 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	2.777	86683544	96100073	19.926	18.917
2)	SA Decachlor...	8.498	7.533	64853162	113.6E6	22.332	22.504
	Target Compounds						

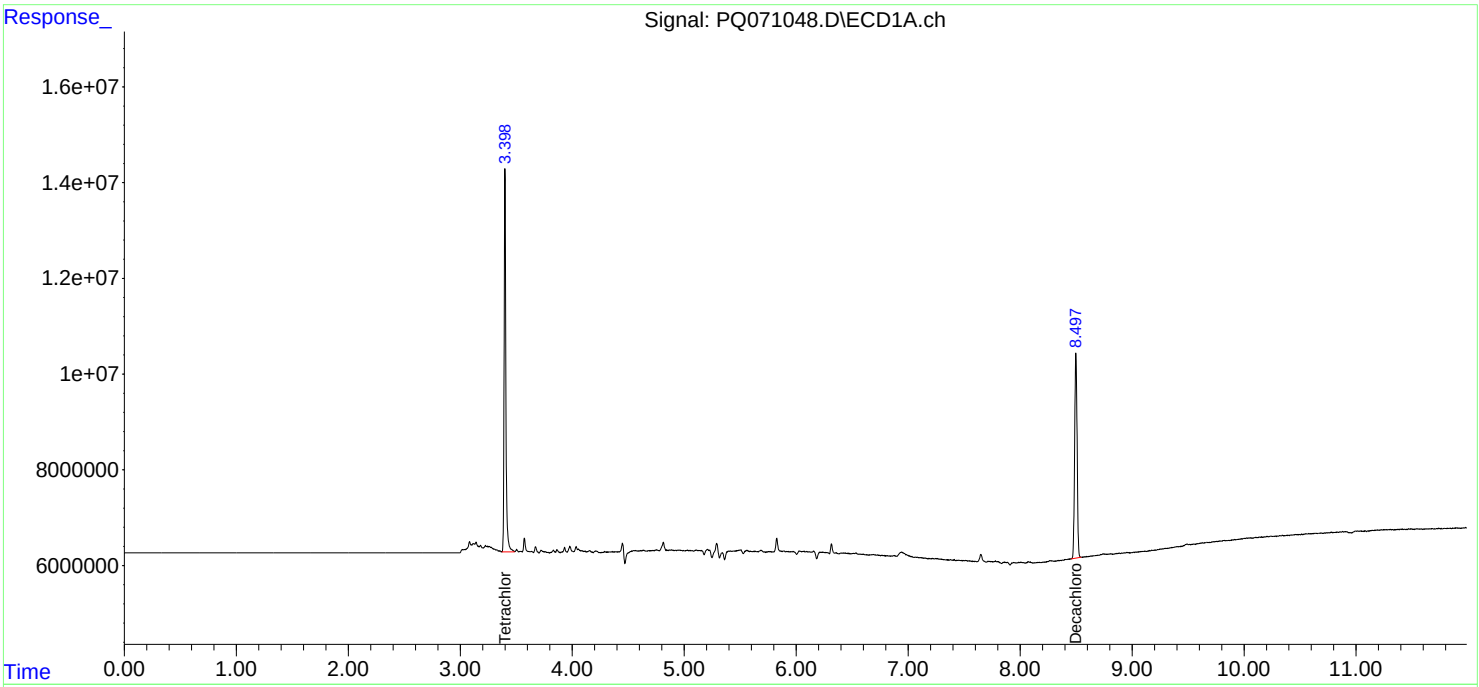
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

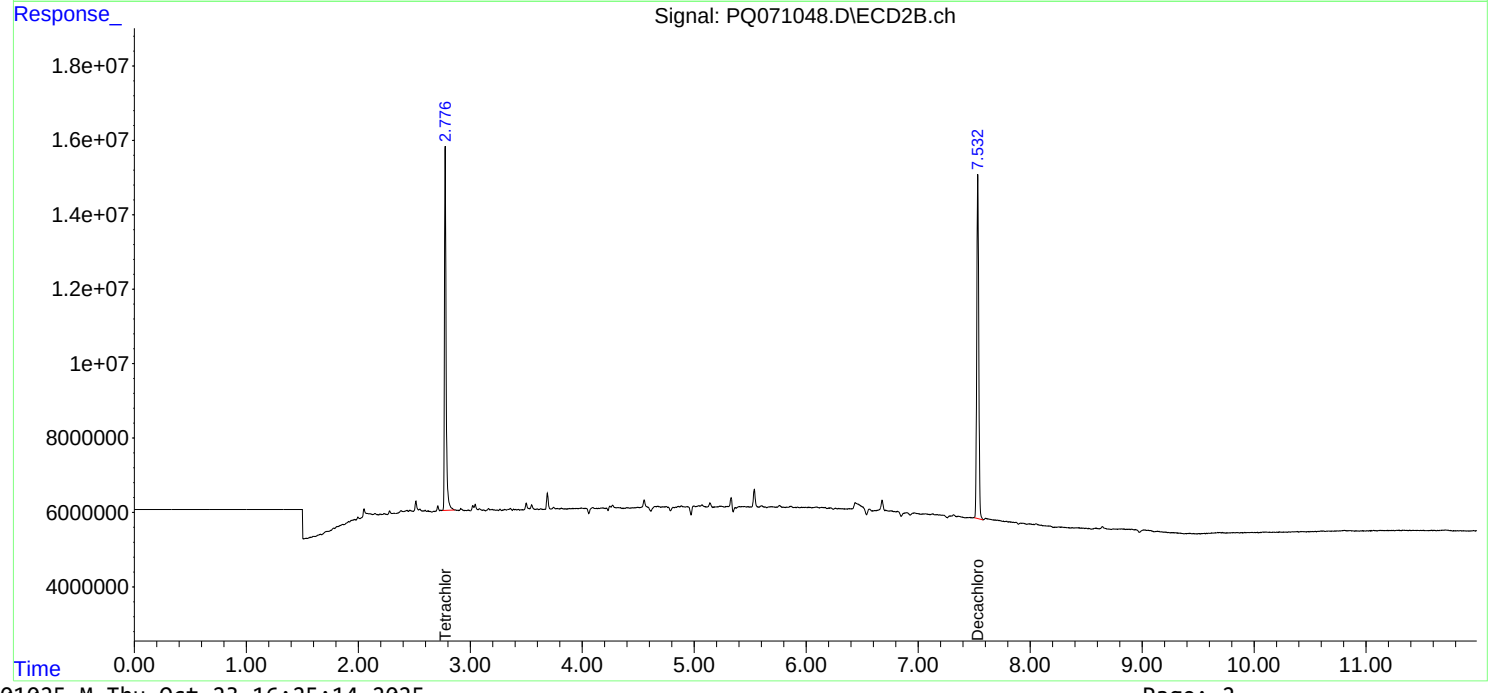
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071048.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:08
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

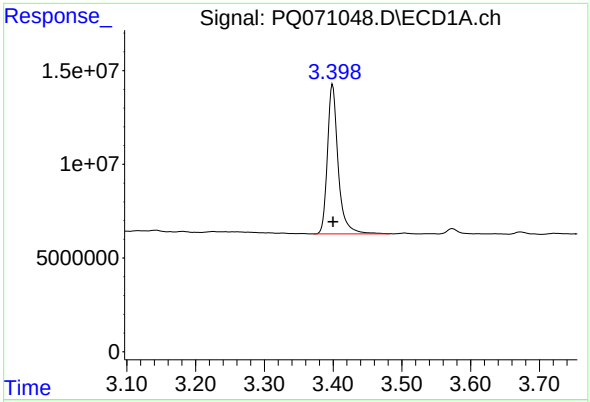
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 13:47:39 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



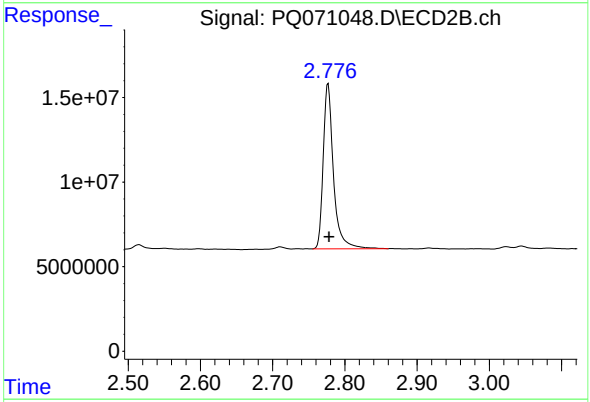




#1 Tetrachloro-m-xylene

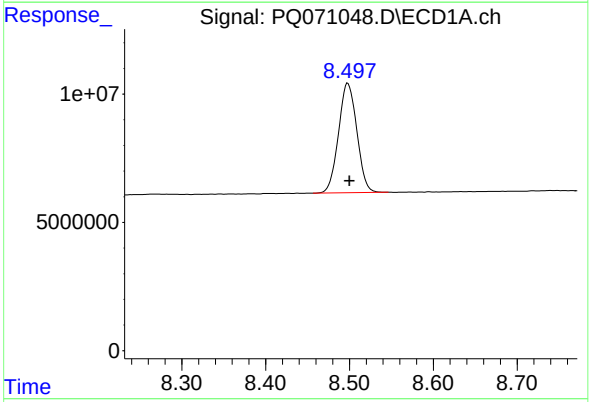
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 86683544
Conc: 19.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



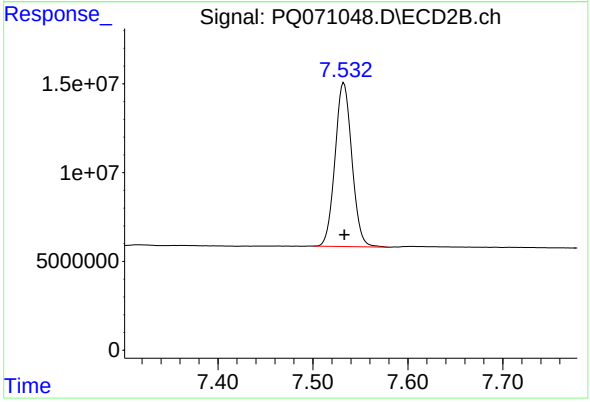
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.002 min
Response: 96100073
Conc: 18.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 64853162
Conc: 22.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 113636829
Conc: 22.50 ng/ml

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-PQ071138.D	SDG No.:	Q3393
Lab Sample ID:	I.BLK-PQ071138.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	PQ102425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/24/25	PQ102425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/24/25	PQ102425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/24/25	PQ102425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/24/25	PQ102425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/24/25	PQ102425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/24/25	PQ102425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/24/25	PQ102425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/24/25	PQ102425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.5			60 - 140	98%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.6			60 - 140	118%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102425\
Data File : PQ071138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 14:55
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 24 15:56:08 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	93211314	99288361	21.427	19.545
2)	SA Decachlor...	8.496	7.532	71739146	119.4E6	24.704	23.654
	Target Compounds						

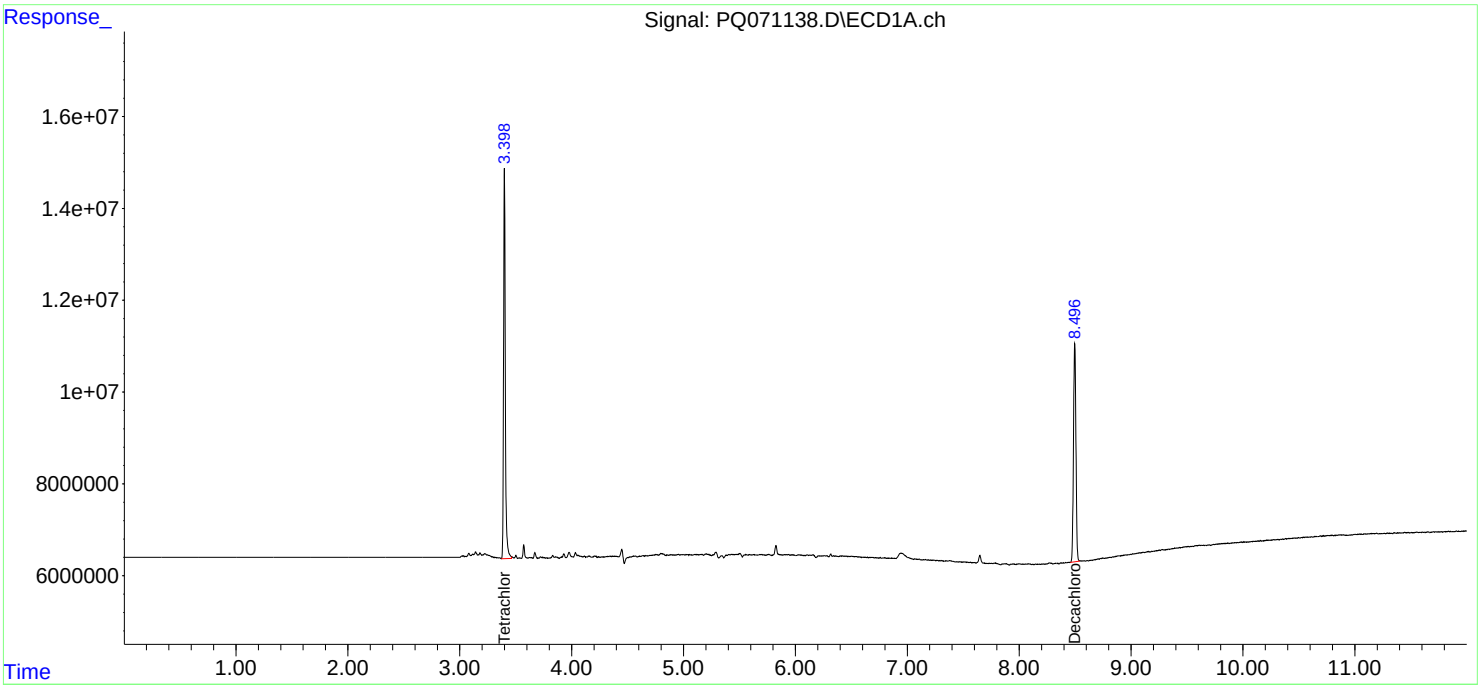
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

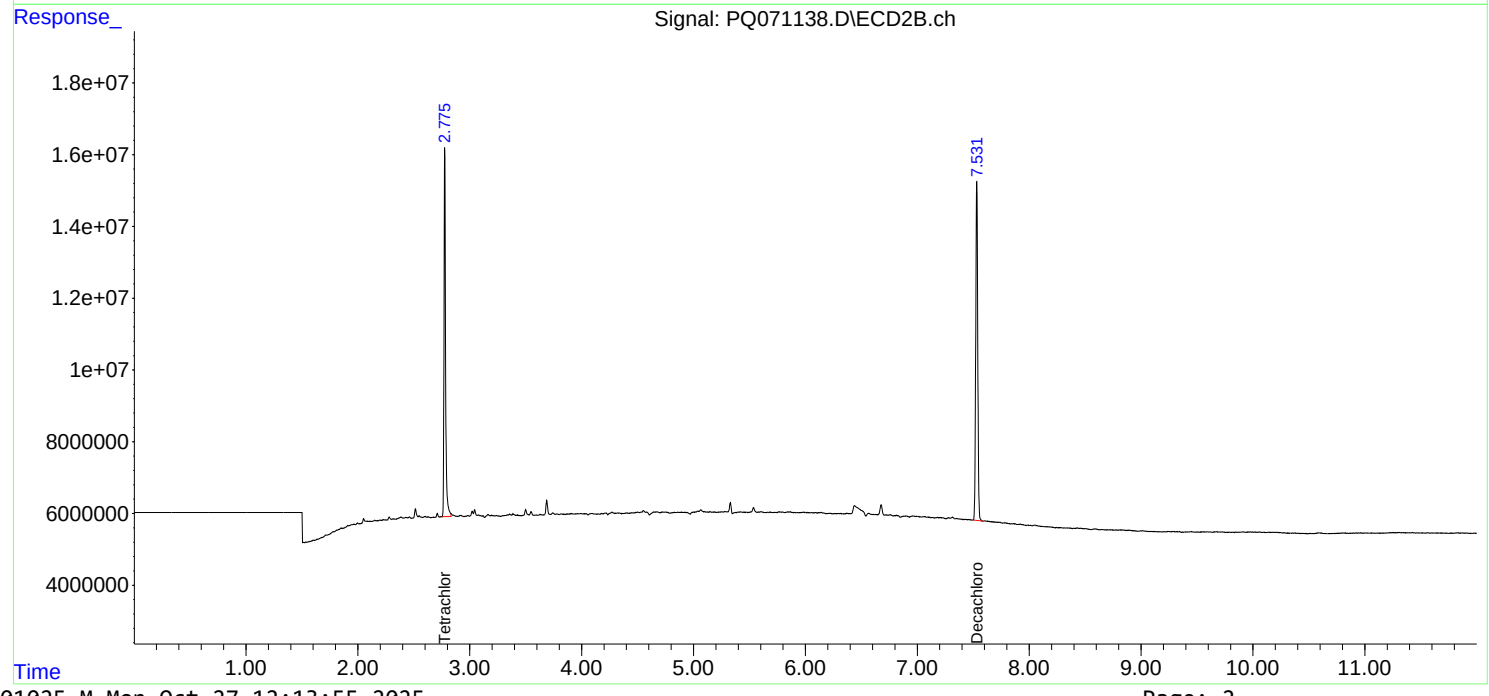
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102425\
Data File : PQ071138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 14:55
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

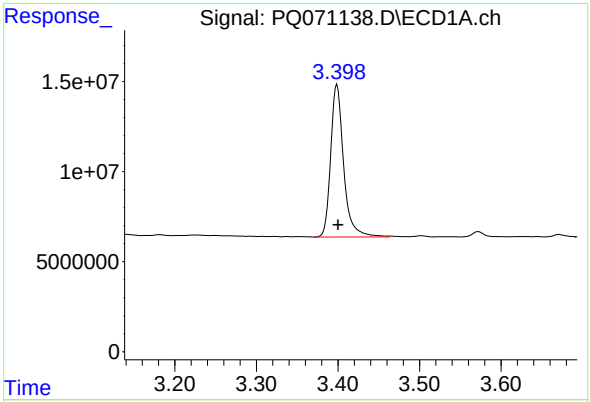
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:56:08 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



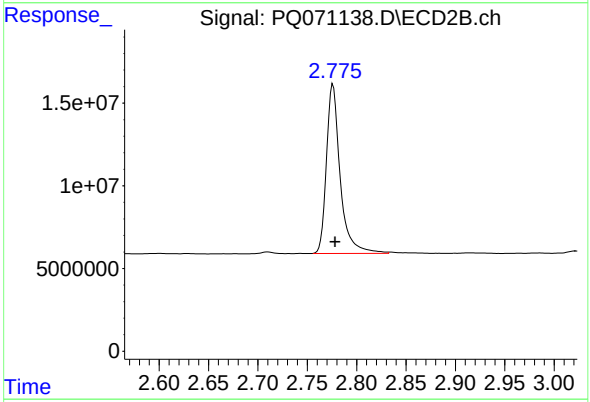




#1 Tetrachloro-m-xylene

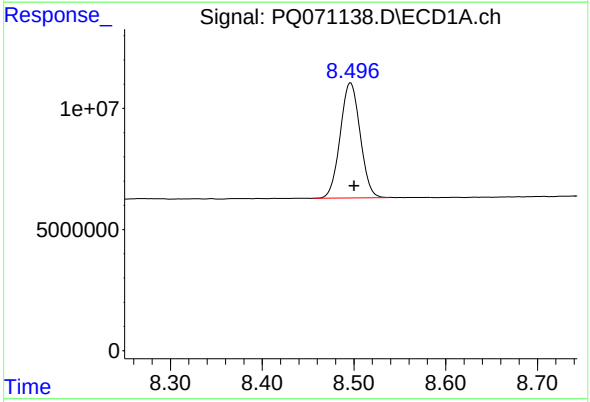
R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 93211314
Conc: 21.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



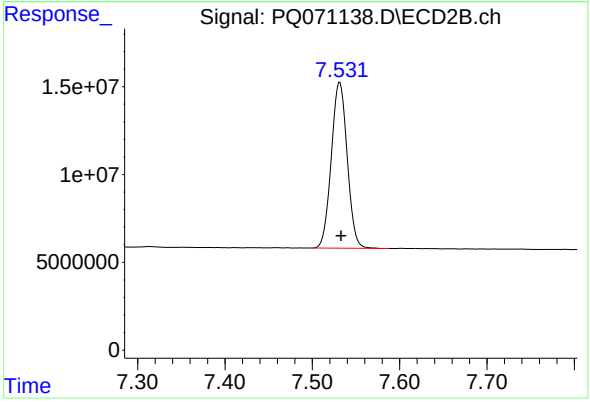
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 99288361
Conc: 19.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 71739146
Conc: 24.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 119443659
Conc: 23.65 ng/ml

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-PQ071147.D	SDG No.:	Q3393
Lab Sample ID:	I.BLK-PQ071147.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	PQ102425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/24/25	PQ102425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/24/25	PQ102425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/24/25	PQ102425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/24/25	PQ102425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/24/25	PQ102425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/24/25	PQ102425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/24/25	PQ102425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/24/25	PQ102425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.4			60 - 140	97%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.3			60 - 140	117%	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\PQ102425\
Data File : PQ071147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 18:05
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 18:17:48 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	91118997	98347219	20.946	19.360
2)	SA Decachlor...	8.498	7.532	71657446	117.7E6	24.676	23.317
	Target Compounds						

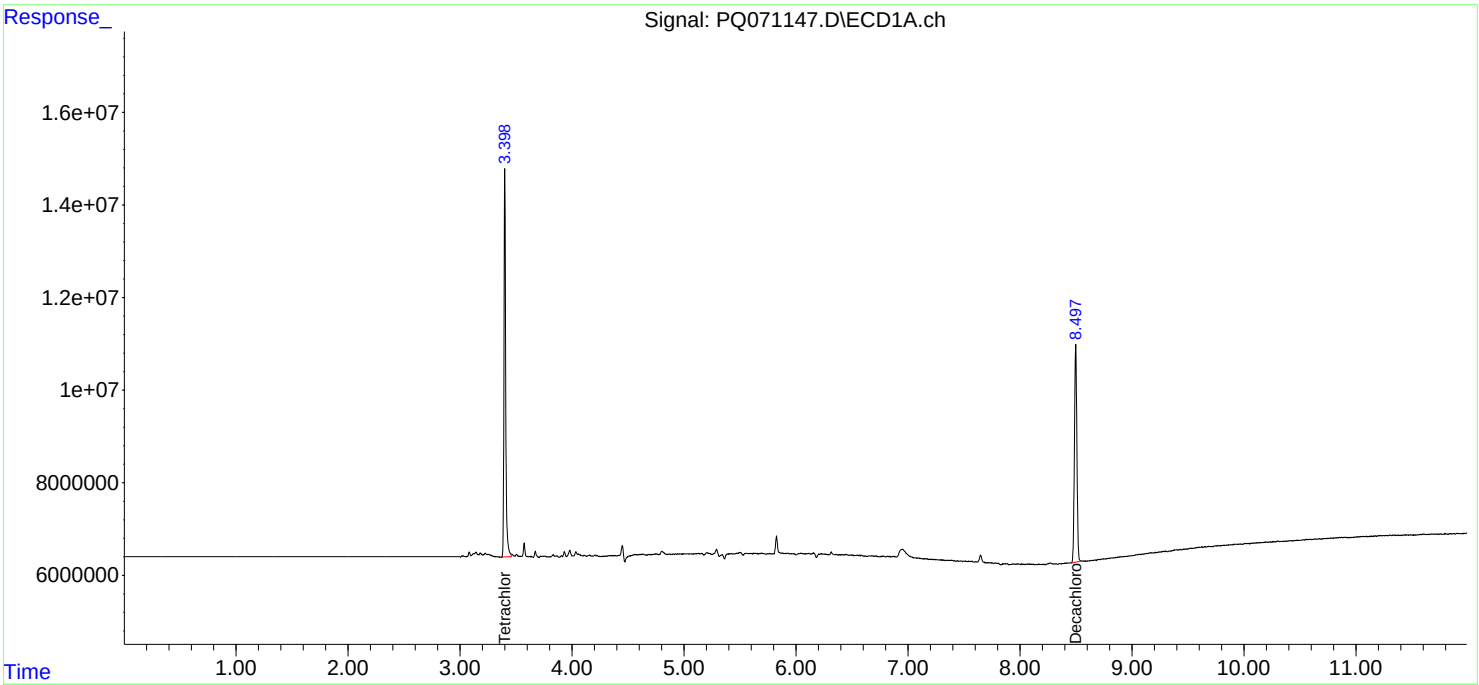
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

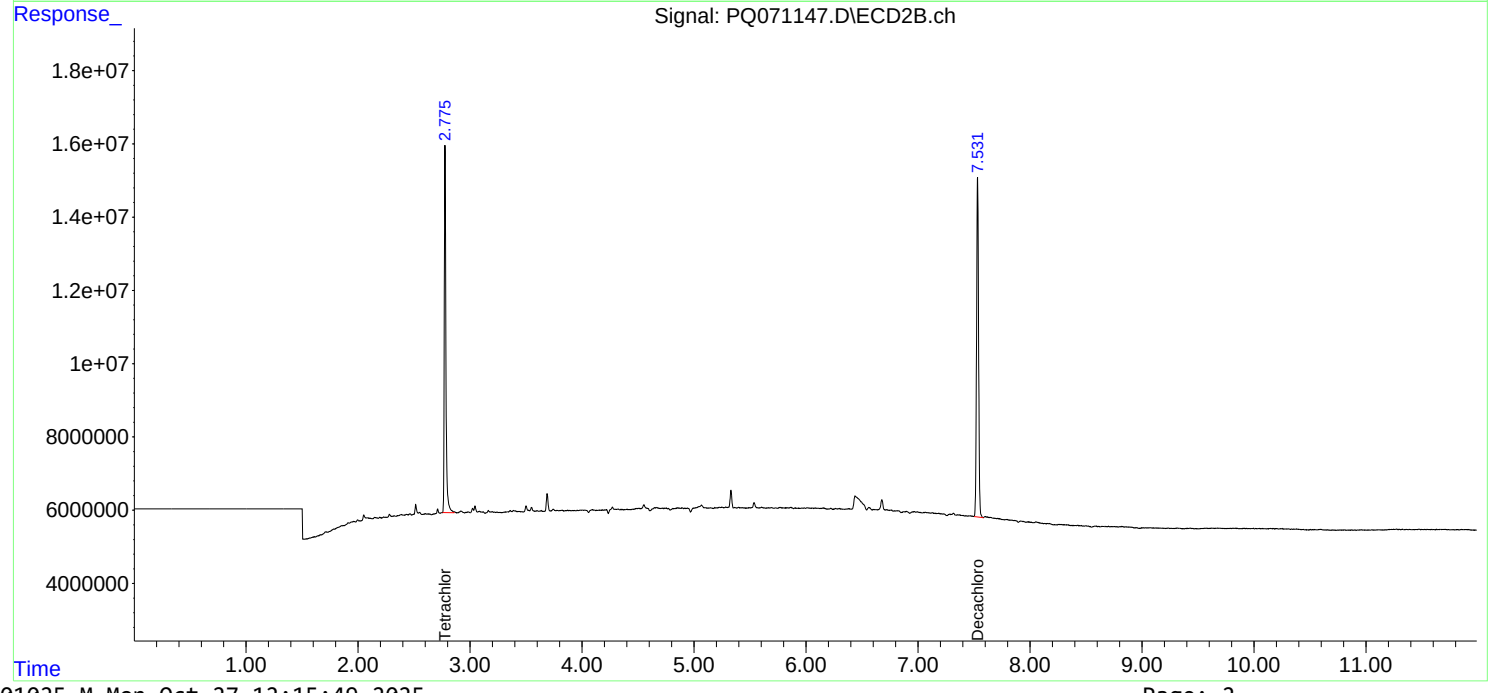
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102425\
Data File : PQ071147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 18:05
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

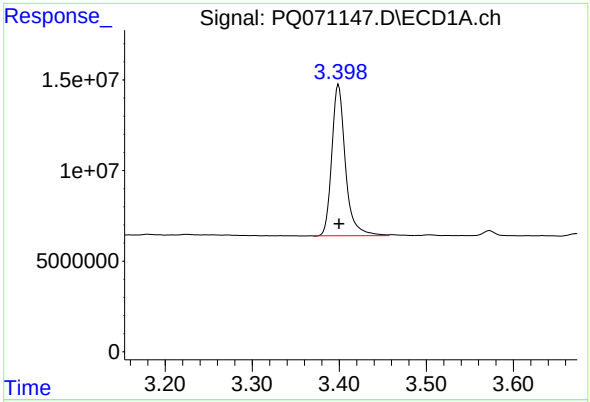
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 18:17:48 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



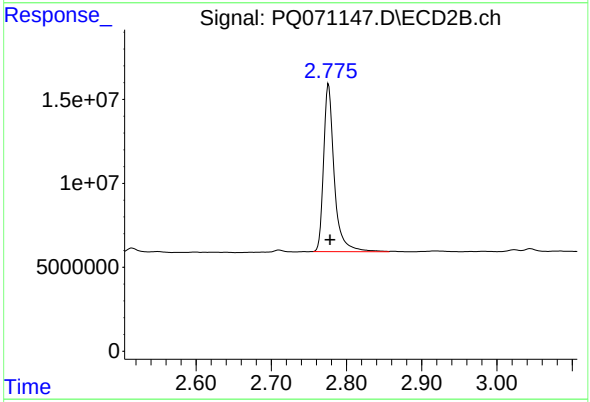




#1 Tetrachloro-m-xylene

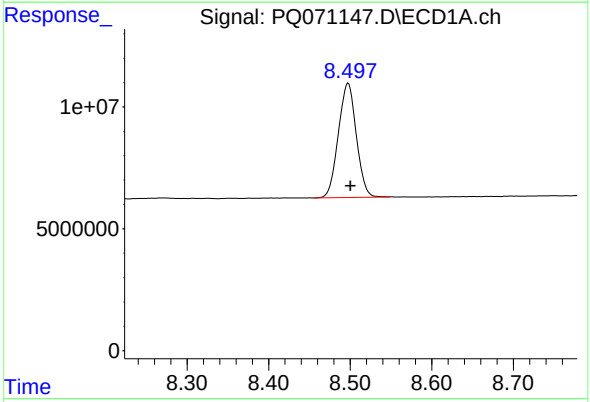
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 91118997
Conc: 20.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



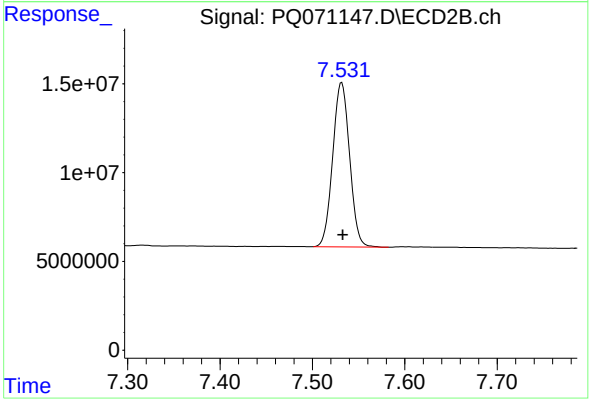
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 98347219
Conc: 19.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 71657446
Conc: 24.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.532 min
Delta R.T.: -0.001 min
Response: 117741140
Conc: 23.32 ng/ml

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:	PB170178BS	SDG No.:	Q3393
Lab Sample ID:	PB170178BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	183		1	3.90	17.0	ug/kg	10/24/25 15:24	PB170178
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	10/24/25 15:24	PB170178
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	10/24/25 15:24	PB170178
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	10/24/25 15:24	PB170178
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	10/24/25 15:24	PB170178
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	10/24/25 15:24	PB170178
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	10/24/25 15:24	PB170178
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	10/24/25 15:24	PB170178
11096-82-5	Aroclor-1260	181		1	3.20	17.0	ug/kg	10/24/25 15:24	PB170178
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.4			32 - 144	112%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.7			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\PQ102425\
Data File : PQ071140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 15:24
Operator : YP\AJ
Sample : PB170178BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170178BS

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 24 15:56:30 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	97498681	96720918	22.412	19.039
2)	SA Decachlor...	8.497	7.531	74656376	122.7E6	25.708	24.305
	Target Compounds						
3)	L1 AR-1016-1	4.479	3.775	88438428	100.4E6	538.786	448.130
4)	L1 AR-1016-2	4.498	3.791	141.1E6	151.6E6	550.525	445.704
5)	L1 AR-1016-3	4.556	3.951	88500279	83677847	556.191	460.125
6)	L1 AR-1016-4	4.645	4.000	72967111	71185926	561.591	452.225
7)	L1 AR-1016-5	4.930	4.195	69250177	85770213	537.645	447.088
31)	L7 AR-1260-1	6.019	5.186	130.1E6	175.7E6	554.971m	487.479
32)	L7 AR-1260-2	6.275	5.376	165.9E6	203.9E6	599.790	463.478
33)	L7 AR-1260-3	6.626	5.516	99249796	192.2E6	497.971	463.039
34)	L7 AR-1260-4	6.840	5.977	114.1E6	150.2E6	530.875	417.591
35)	L7 AR-1260-5	7.146	6.222	229.3E6	337.1E6	528.688	401.191

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102425\
Data File : PQ071140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2025 15:24
Operator : YP\AJ
Sample : PB170178BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

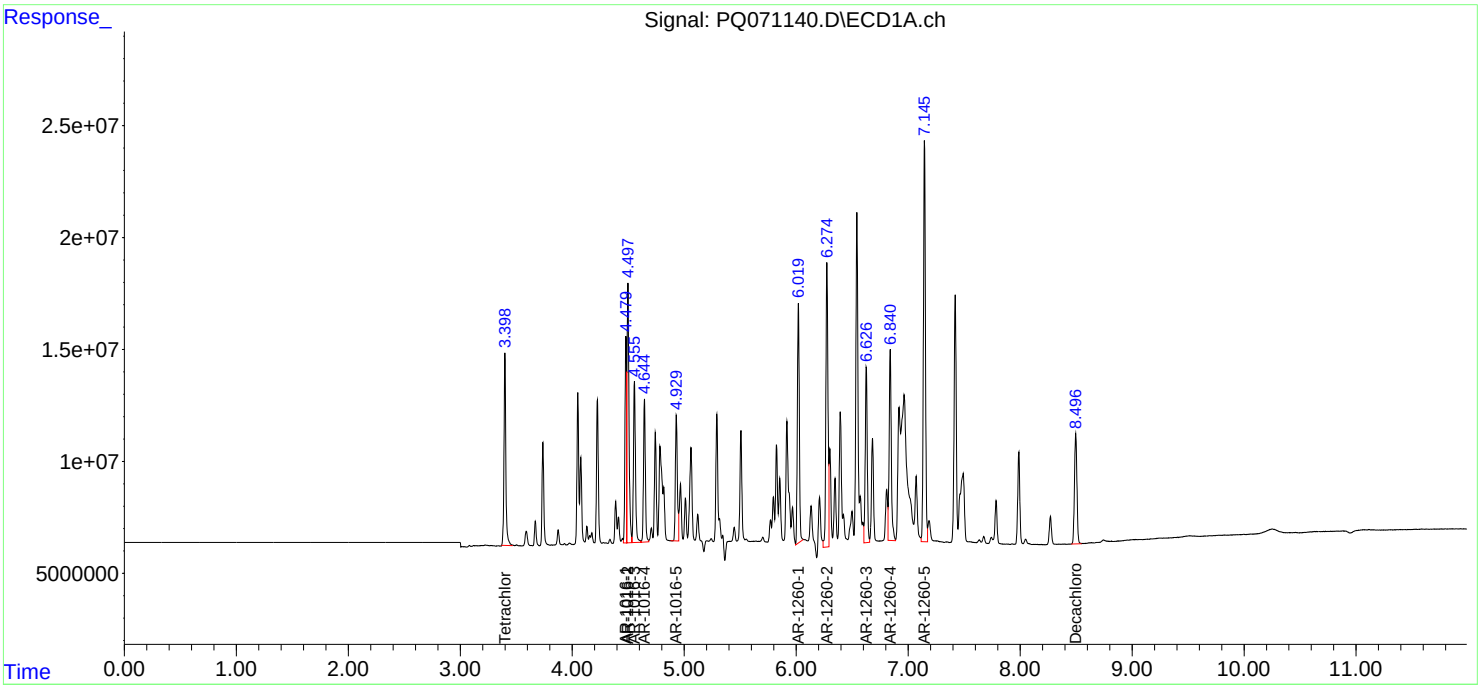
Instrument :
ECD_Q
ClientSampleId :
PB170178BS

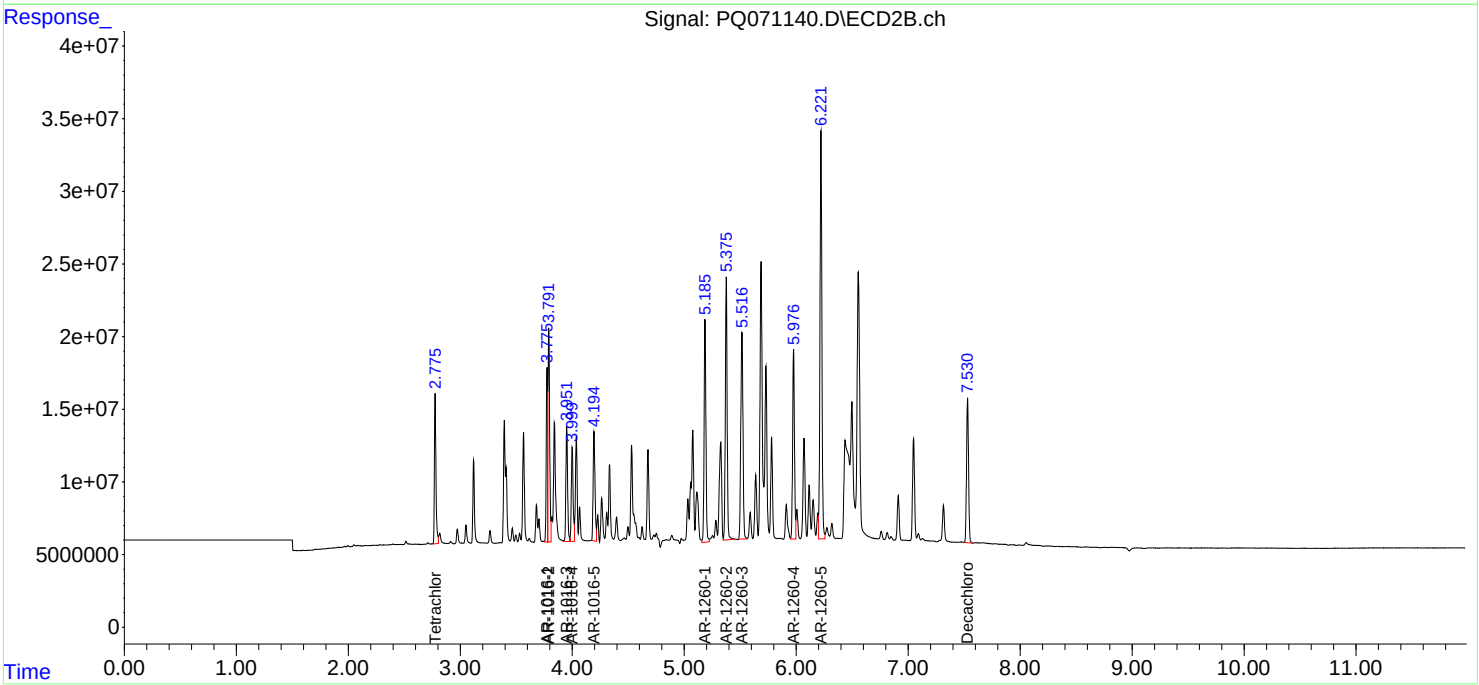
Manual Integrations APPROVED

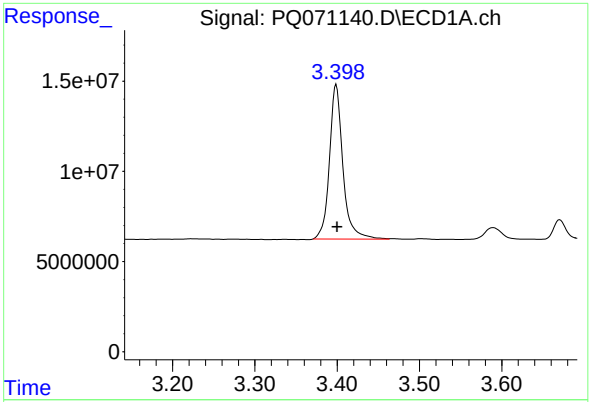
Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:56:30 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







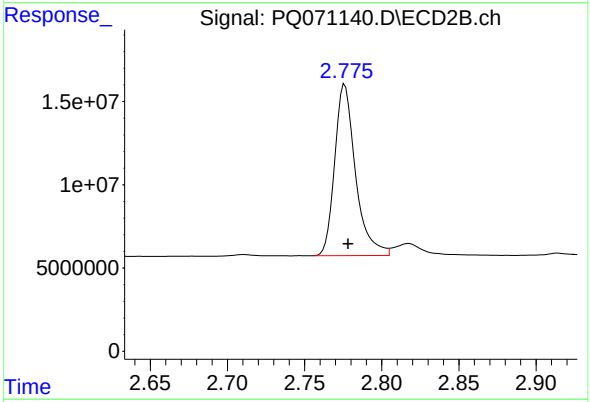
#1 Tetrachloro-m-xylene

R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 97498681
Conc: 22.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170178BS

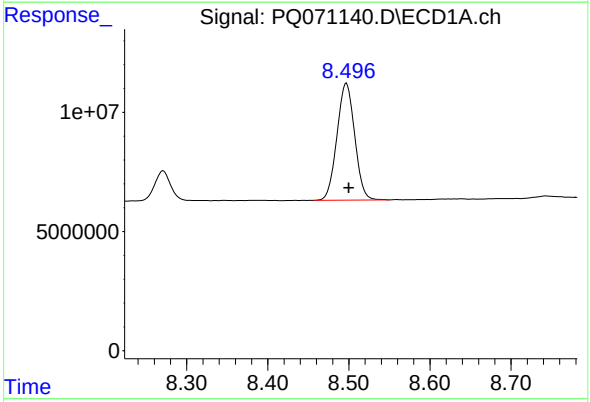
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



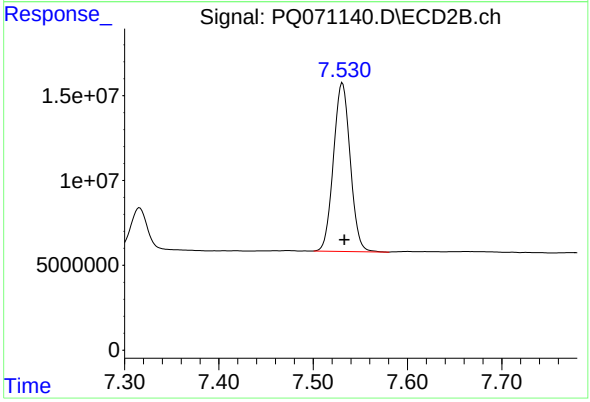
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 96720918
Conc: 19.04 ng/ml



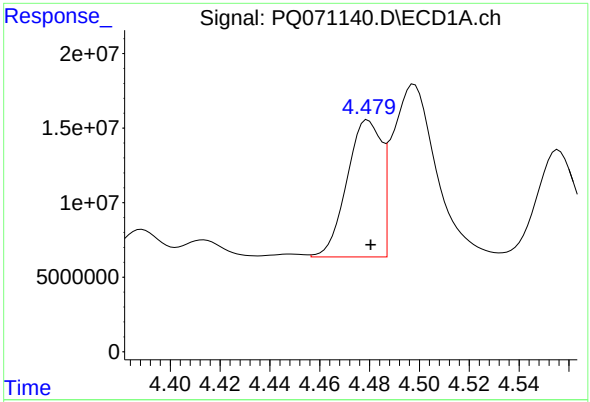
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 74656376
Conc: 25.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 122729844
Conc: 24.31 ng/ml



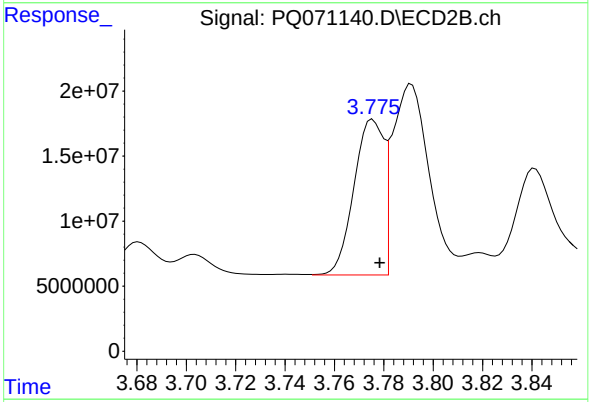
#3 AR-1016-1

R.T.: 4.479 min
Delta R.T.: -0.001 min
Response: 88438428
Conc: 538.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170178BS

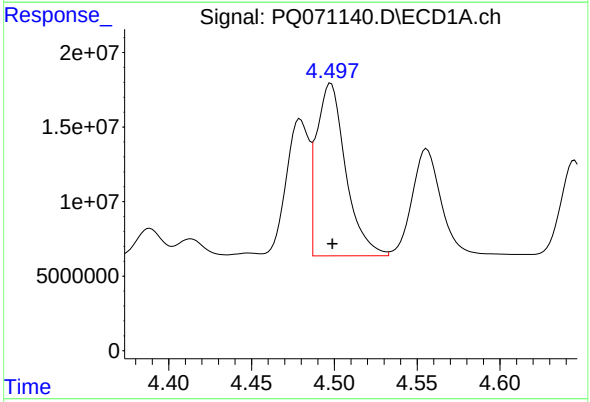
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



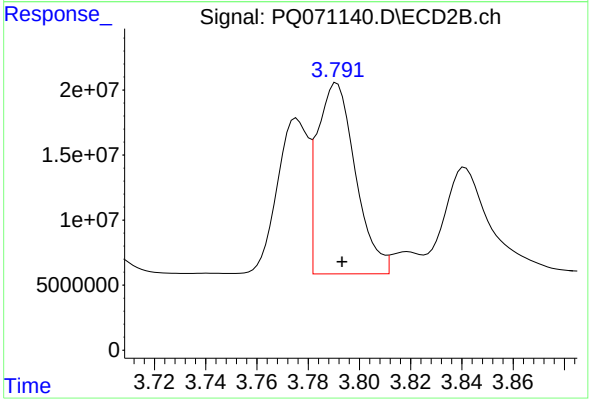
#3 AR-1016-1

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 100381995
Conc: 448.13 ng/ml



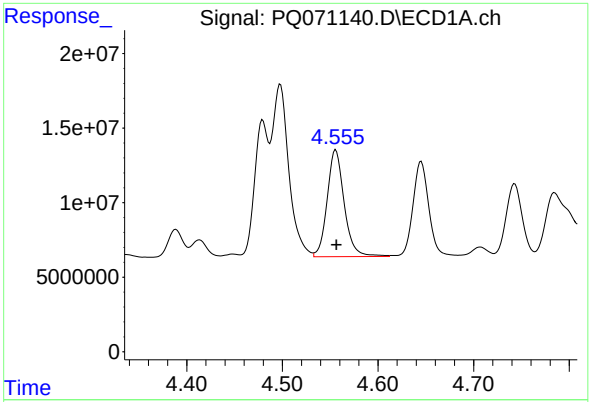
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 141096526
Conc: 550.53 ng/ml



#4 AR-1016-2

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 151594350
Conc: 445.70 ng/ml



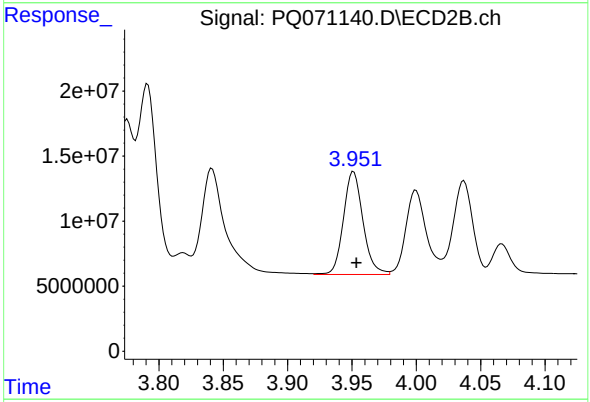
#5 AR-1016-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 88500279
Conc: 556.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170178BS

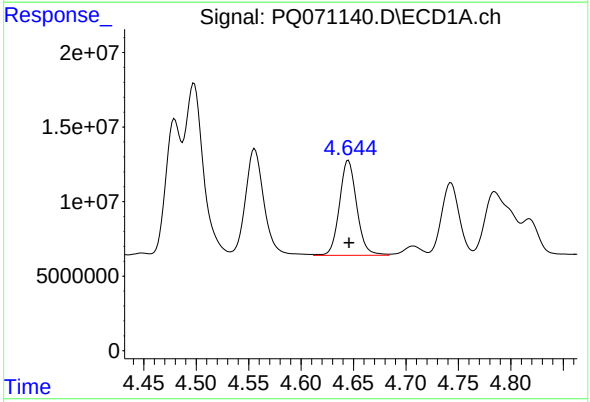
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



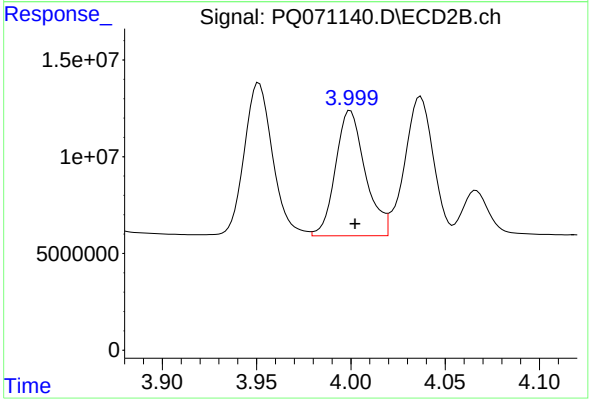
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 83677847
Conc: 460.13 ng/ml



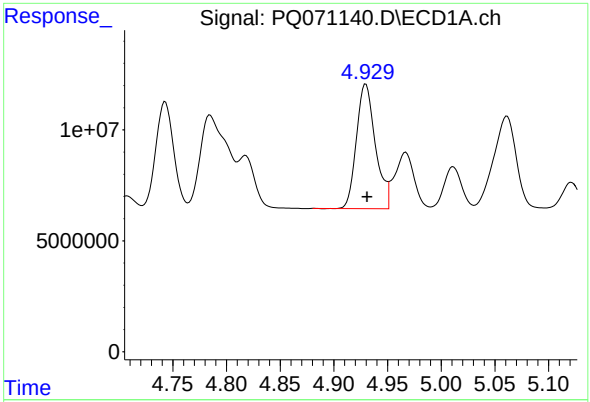
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 72967111
Conc: 561.59 ng/ml



#6 AR-1016-4

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 71185926
Conc: 452.22 ng/ml



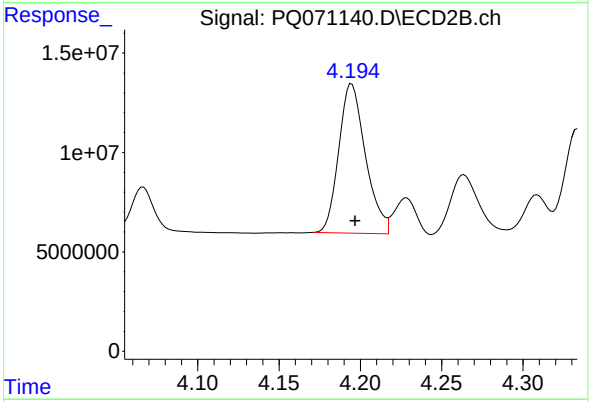
#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 69250177
Conc: 537.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170178BS

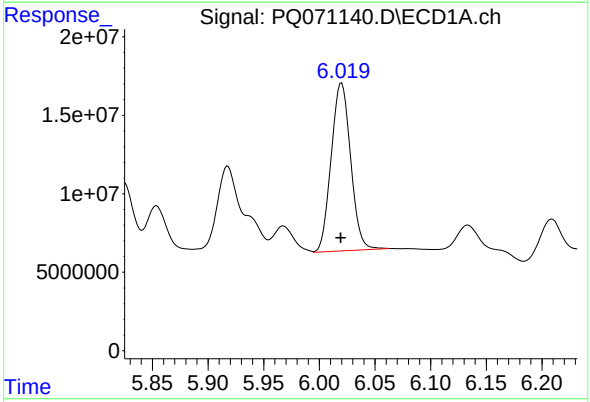
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



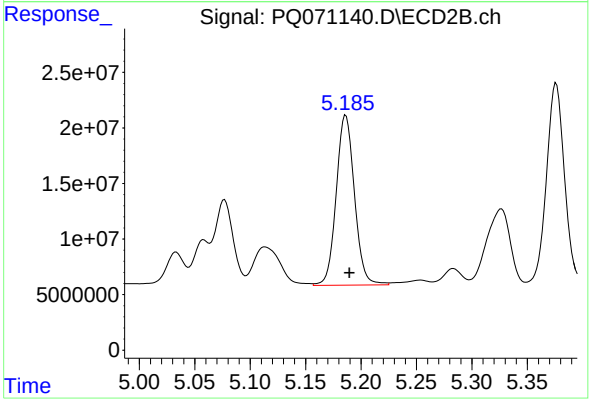
#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 85770213
Conc: 447.09 ng/ml



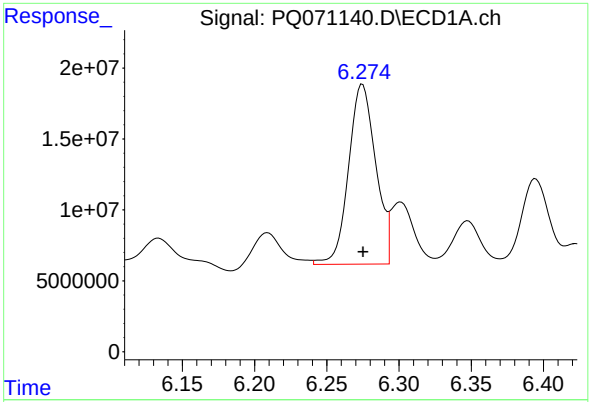
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 130124743
Conc: 554.97 ng/ml m



#31 AR-1260-1

R.T.: 5.186 min
Delta R.T.: -0.003 min
Response: 175690384
Conc: 487.48 ng/ml



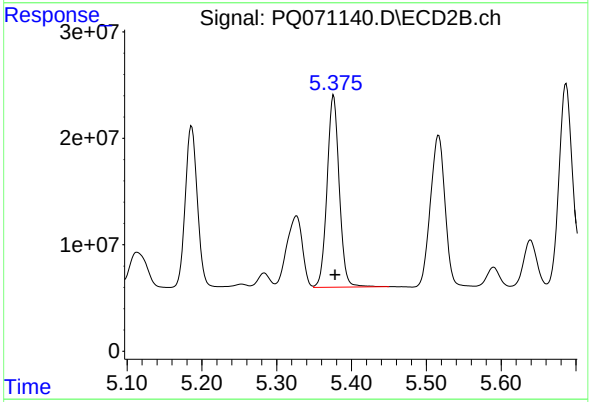
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 165907195
Conc: 599.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170178BS

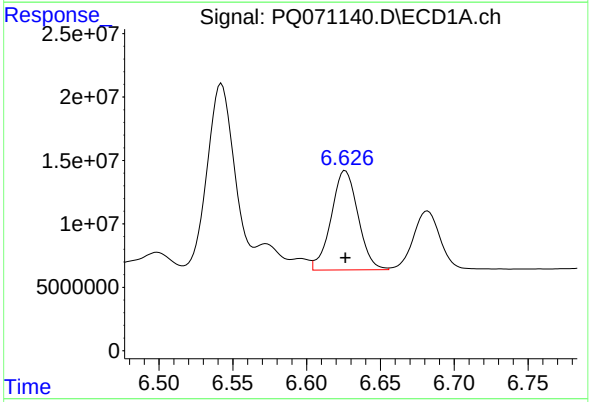
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



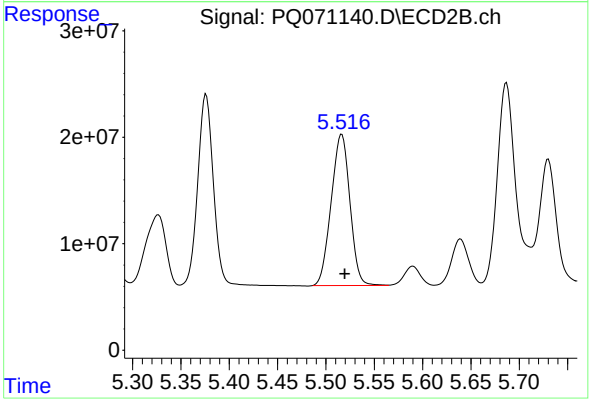
#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 203927453
Conc: 463.48 ng/ml



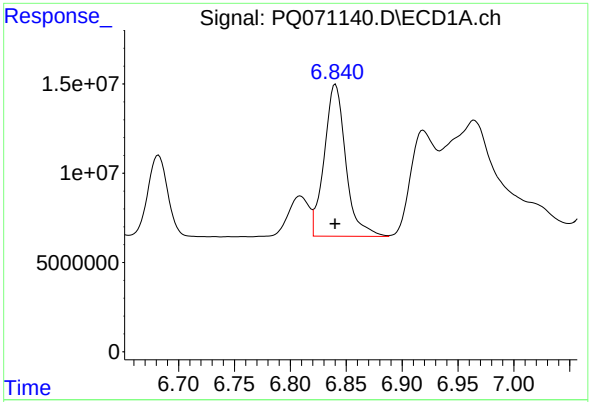
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 99249796
Conc: 497.97 ng/ml



#33 AR-1260-3

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 192160803
Conc: 463.04 ng/ml



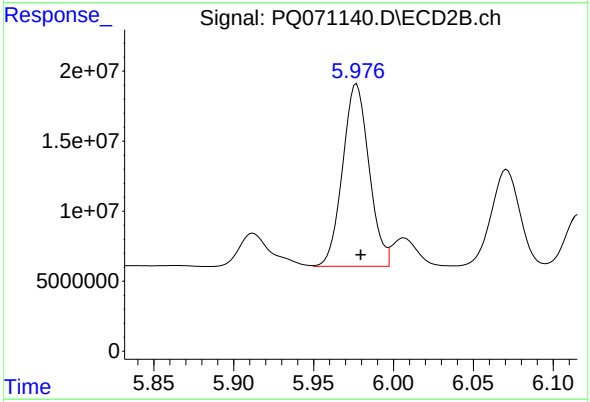
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 114076088
Conc: 530.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170178BS

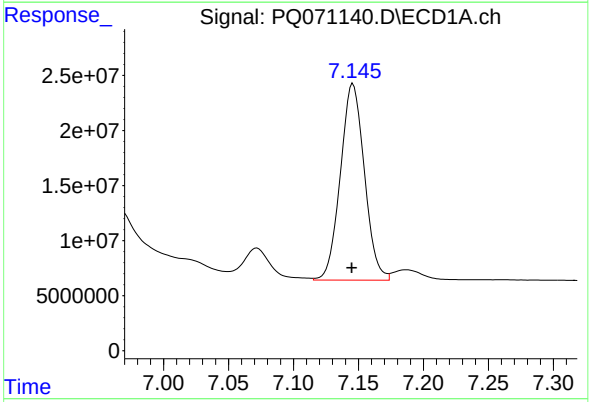
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



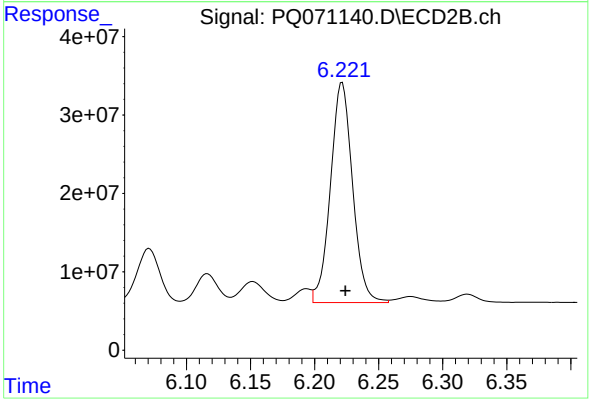
#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 150233798
Conc: 417.59 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.001 min
Response: 229332933
Conc: 528.69 ng/ml



#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 337113417
Conc: 401.19 ng/ml

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

Report of Analysis

Client:	AECOM	Date Collected:	10/20/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/20/25
Client Sample ID:	41-LAMS	SDG No.:	Q3393
Lab Sample ID:	Q3402-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	69.2
Sample Wt/Vol:	30.07 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	224		1	5.70	24.5	ug/kg	10/21/25 15:28	PB170178
11104-28-2	Aroclor-1221	24.5	U	1	5.80	24.5	ug/kg	10/21/25 15:28	PB170178
11141-16-5	Aroclor-1232	24.5	U	1	5.40	24.5	ug/kg	10/21/25 15:28	PB170178
53469-21-9	Aroclor-1242	24.5	U	1	5.80	24.5	ug/kg	10/21/25 15:28	PB170178
12672-29-6	Aroclor-1248	24.5	U	1	8.50	24.5	ug/kg	10/21/25 15:28	PB170178
11097-69-1	Aroclor-1254	24.5	U	1	4.60	24.5	ug/kg	10/21/25 15:28	PB170178
37324-23-5	Aroclor-1262	24.5	U	1	7.20	24.5	ug/kg	10/21/25 15:28	PB170178
11100-14-4	Aroclor-1268	24.5	U	1	5.20	24.5	ug/kg	10/21/25 15:28	PB170178
11096-82-5	Aroclor-1260	183		1	4.70	24.5	ug/kg	10/21/25 15:28	PB170178
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.0			32 - 144	115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.8			32 - 175	74%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071042.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:28
Operator : YP\AJ
Sample : Q3402-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
41-LAMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 13:46:05 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	2.777	99924534	106.1E6	22.970	20.878
2)	SA Decachlor...	8.497	7.532	42897054	70742576	14.772	14.010
	Target Compounds						
3)	L1 AR-1016-1	4.481	3.776	69141171	91055456	421.223	406.494
4)	L1 AR-1016-2	4.499	3.792	121.0E6	143.8E6	472.108	422.826
5)	L1 AR-1016-3	4.556	3.952	75389087	76800208	473.792	422.307
6)	L1 AR-1016-4	4.646	4.001	65736298	63640682	505.939	404.292
7)	L1 AR-1016-5	4.930	4.196	58339178	78525871	452.934	409.326
31)	L7 AR-1260-1	6.020	5.188	100.2E6	139.9E6	427.368	388.300
32)	L7 AR-1260-2	6.276	5.378	115.5E6	168.0E6	417.427	381.748
33)	L7 AR-1260-3	6.627	5.518	67437319	156.1E6	338.357	376.111
34)	L7 AR-1260-4	6.841	5.979	78148877	113.1E6	363.681	314.299
35)	L7 AR-1260-5	7.147	6.224	153.8E6	232.0E6	354.470	276.052

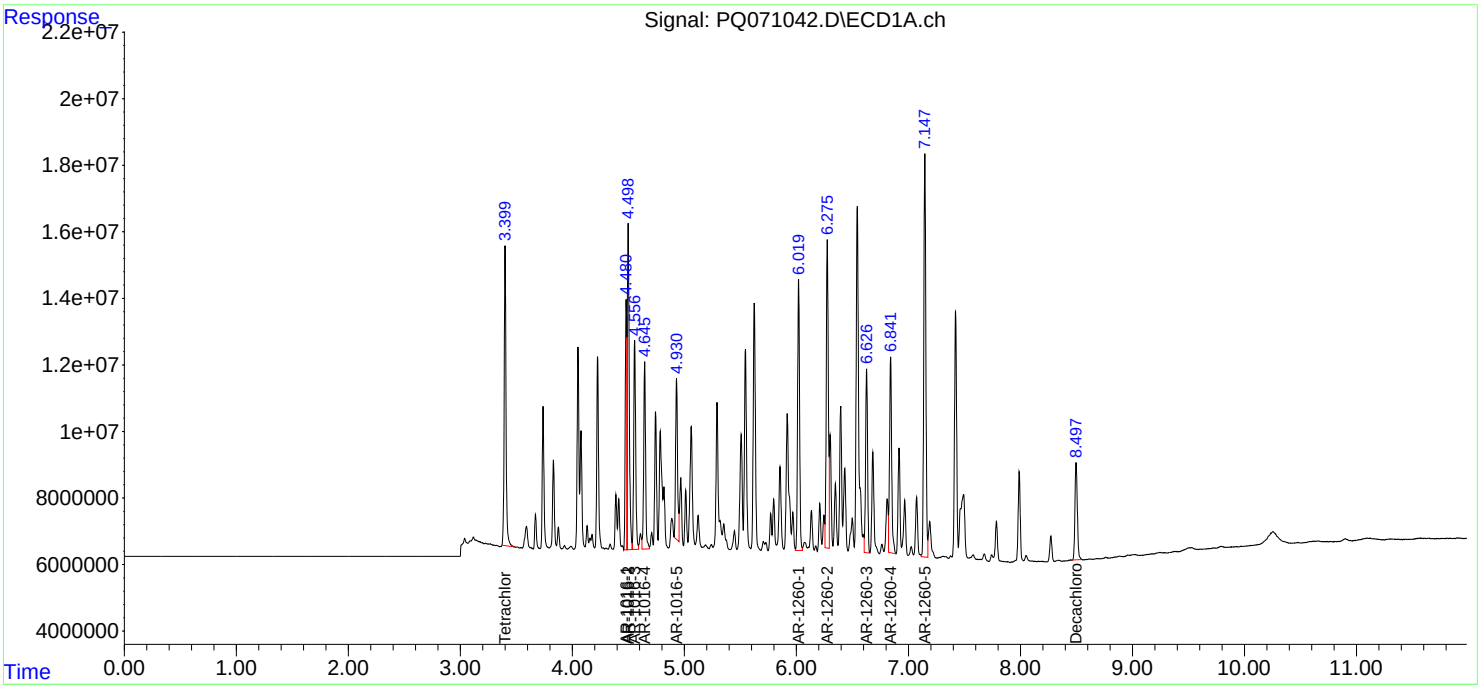
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

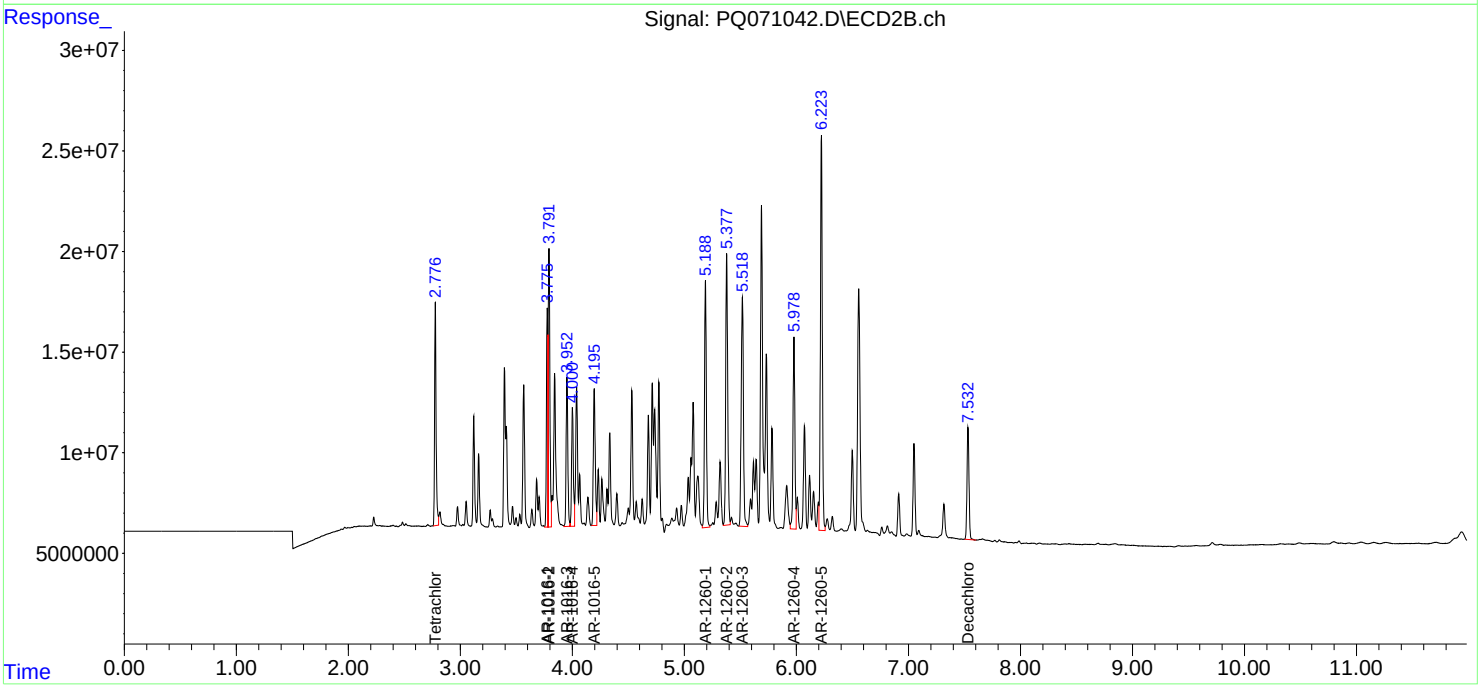
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071042.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:28
Operator : YP\AJ
Sample : Q3402-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

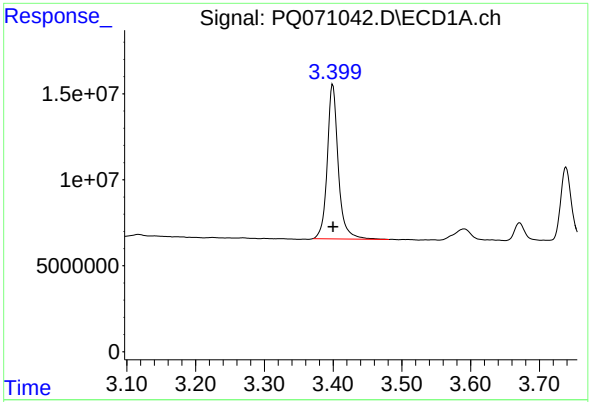
Instrument :
ECD_Q
ClientSampleId :
41-LAMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 13:46:05 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



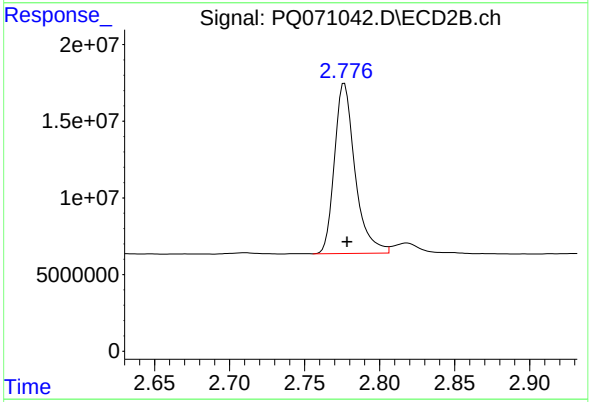




#1 Tetrachloro-m-xylene

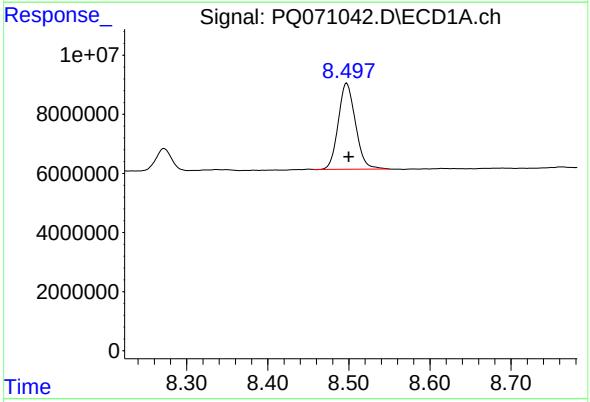
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 99924534
Conc: 22.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMS



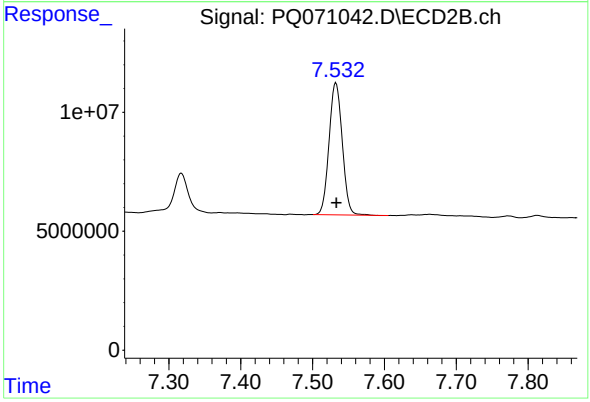
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.002 min
Response: 106060120
Conc: 20.88 ng/ml



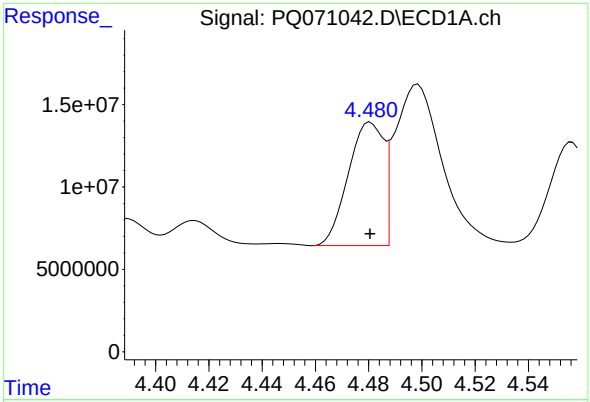
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 42897054
Conc: 14.77 ng/ml



#2 Decachlorobiphenyl

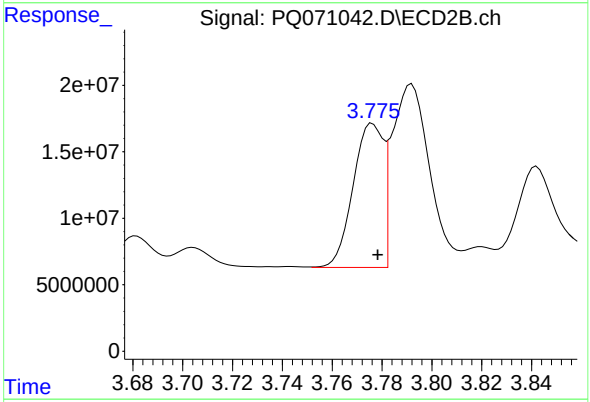
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 70742576
Conc: 14.01 ng/ml



#3 AR-1016-1

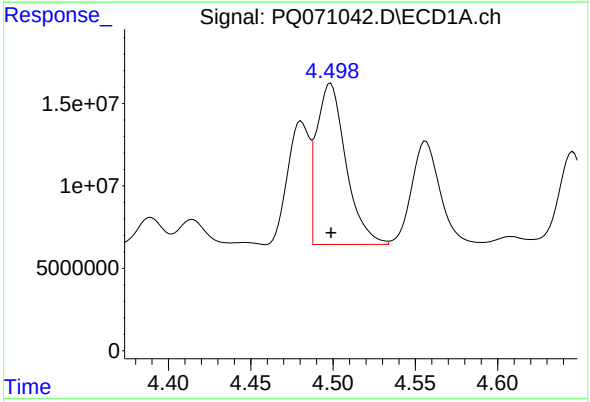
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 69141171
Conc: 421.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMS



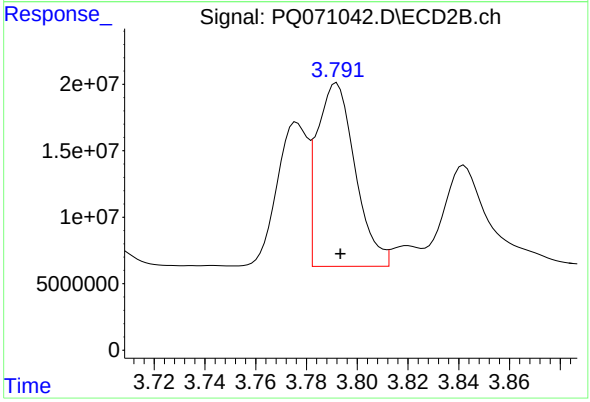
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 91055456
Conc: 406.49 ng/ml



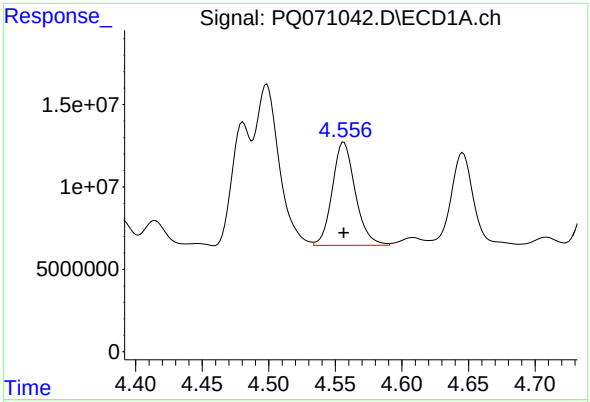
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 120998673
Conc: 472.11 ng/ml



#4 AR-1016-2

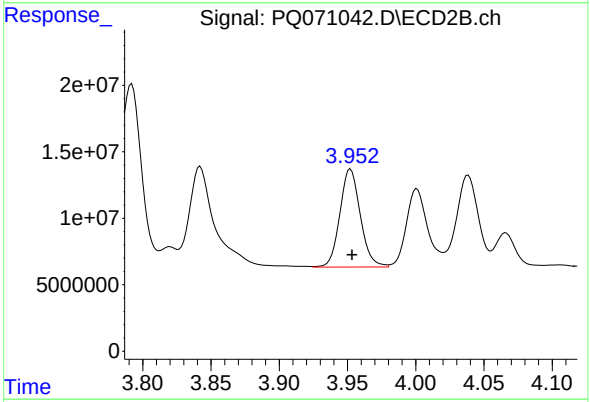
R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 143812885
Conc: 422.83 ng/ml



#5 AR-1016-3

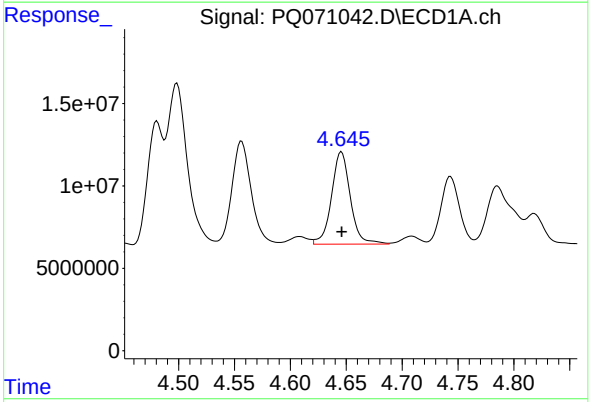
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 75389087
Conc: 473.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMS



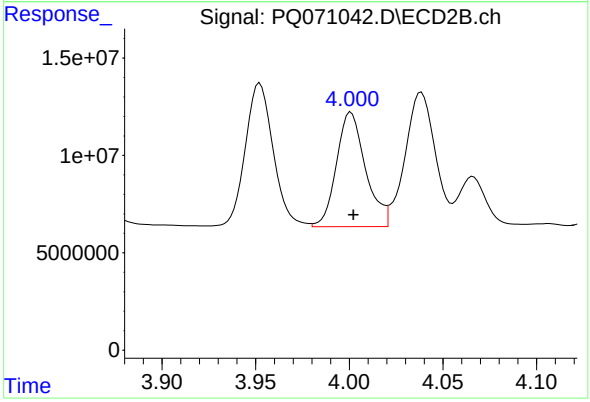
#5 AR-1016-3

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 76800208
Conc: 422.31 ng/ml



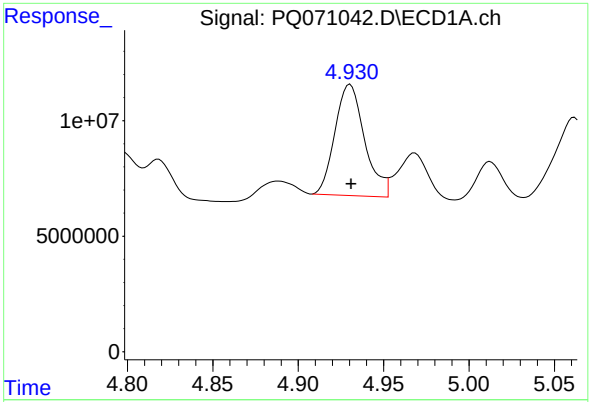
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 65736298
Conc: 505.94 ng/ml



#6 AR-1016-4

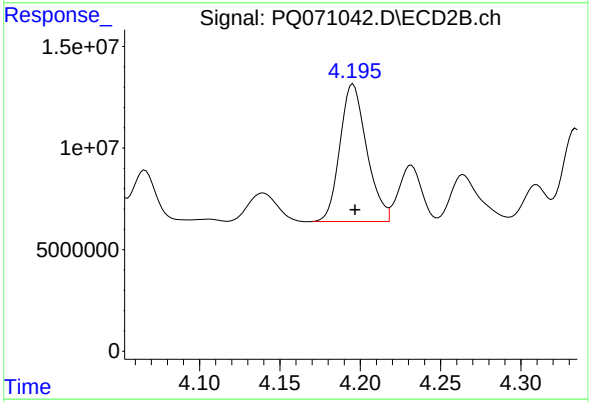
R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 63640682
Conc: 404.29 ng/ml



#7 AR-1016-5

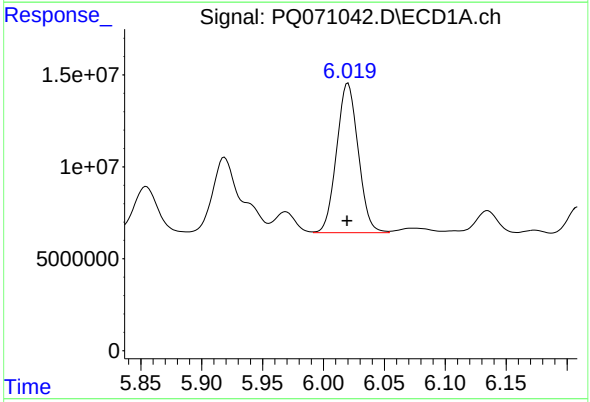
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 58339178
Conc: 452.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMS



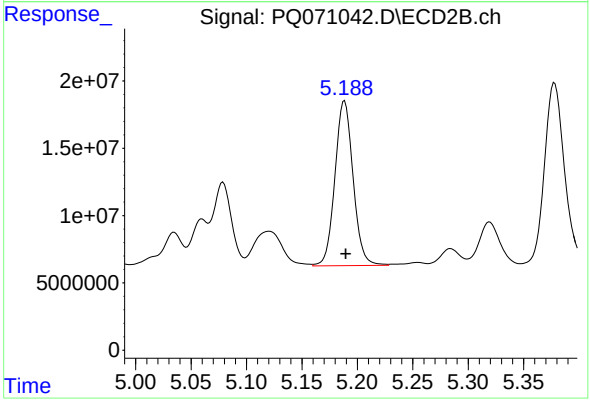
#7 AR-1016-5

R.T.: 4.196 min
Delta R.T.: -0.001 min
Response: 78525871
Conc: 409.33 ng/ml



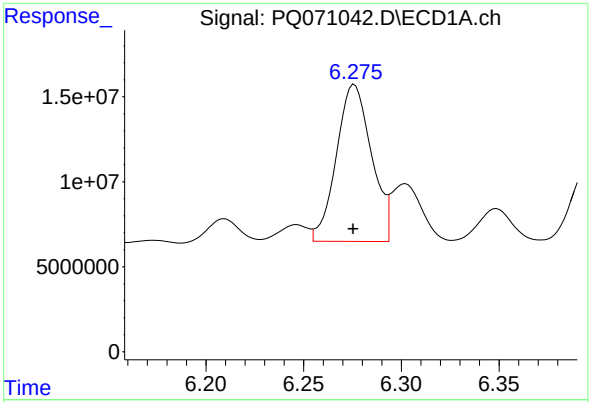
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 100205542
Conc: 427.37 ng/ml



#31 AR-1260-1

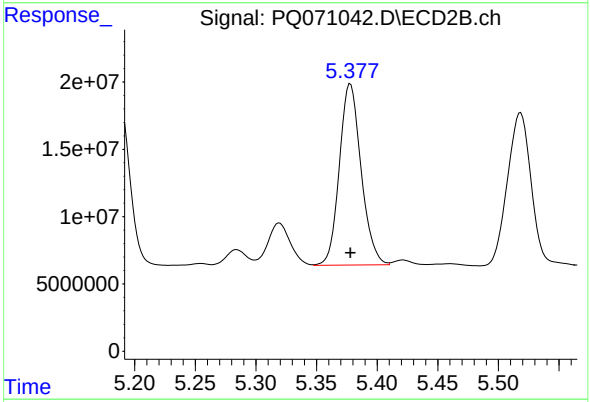
R.T.: 5.188 min
Delta R.T.: 0.000 min
Response: 139945440
Conc: 388.30 ng/ml



#32 AR-1260-2

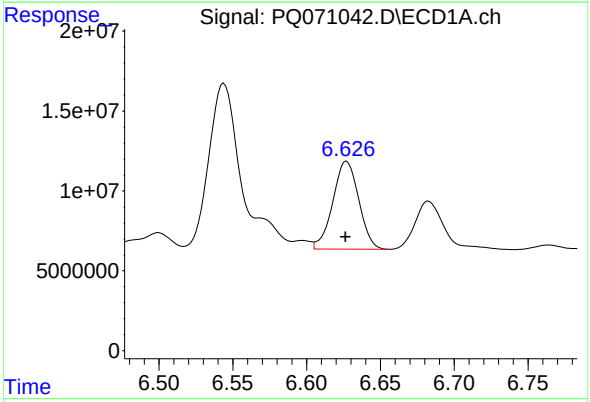
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 115464191
Conc: 417.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMS



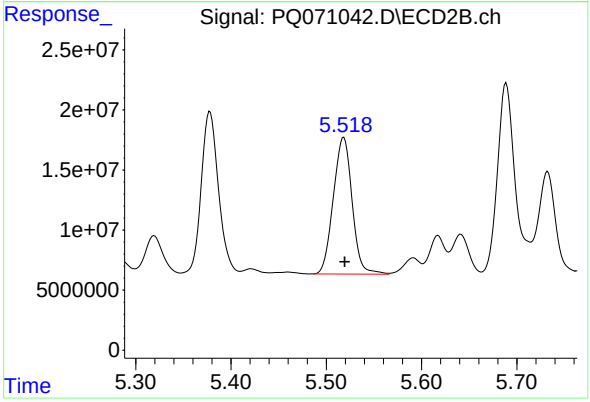
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 167966731
Conc: 381.75 ng/ml



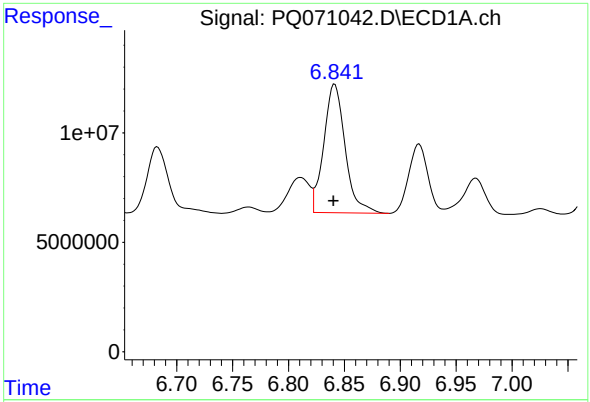
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 67437319
Conc: 338.36 ng/ml



#33 AR-1260-3

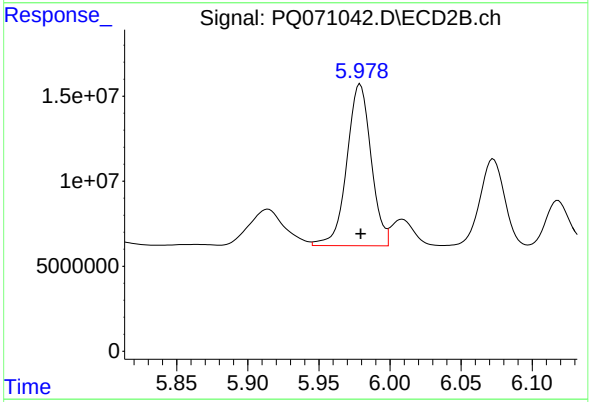
R.T.: 5.518 min
Delta R.T.: -0.001 min
Response: 156085653
Conc: 376.11 ng/ml



#34 AR-1260-4

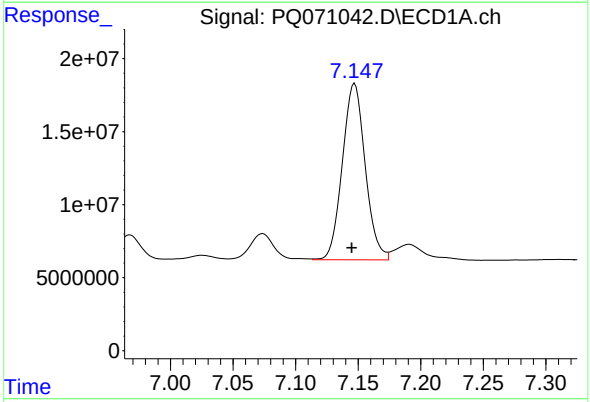
R.T.: 6.841 min
Delta R.T.: 0.001 min
Response: 78148877
Conc: 363.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMS



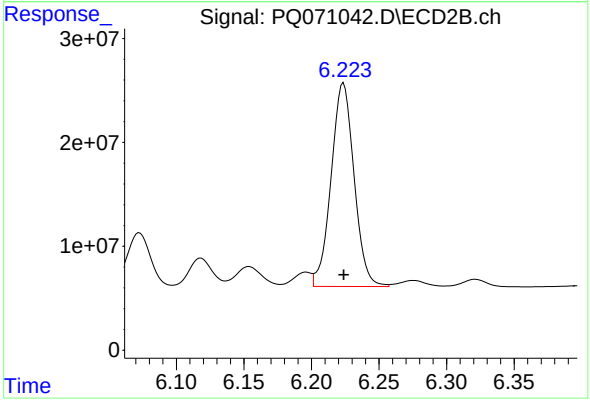
#34 AR-1260-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 113073129
Conc: 314.30 ng/ml



#35 AR-1260-5

R.T.: 7.147 min
Delta R.T.: 0.002 min
Response: 153761016
Conc: 354.47 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 231961453
Conc: 276.05 ng/ml

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:	10/20/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/20/25
Client Sample ID:	41-LAMSD	SDG No.:	Q3393
Lab Sample ID:	Q3402-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	69.2
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	222		1	5.70	24.5	ug/kg	10/21/25 15:42	PB170178
11104-28-2	Aroclor-1221	24.5	U	1	5.80	24.5	ug/kg	10/21/25 15:42	PB170178
11141-16-5	Aroclor-1232	24.5	U	1	5.40	24.5	ug/kg	10/21/25 15:42	PB170178
53469-21-9	Aroclor-1242	24.5	U	1	5.80	24.5	ug/kg	10/21/25 15:42	PB170178
12672-29-6	Aroclor-1248	24.5	U	1	8.50	24.5	ug/kg	10/21/25 15:42	PB170178
11097-69-1	Aroclor-1254	24.5	U	1	4.60	24.5	ug/kg	10/21/25 15:42	PB170178
37324-23-5	Aroclor-1262	24.5	U	1	7.20	24.5	ug/kg	10/21/25 15:42	PB170178
11100-14-4	Aroclor-1268	24.5	U	1	5.20	24.5	ug/kg	10/21/25 15:42	PB170178
11096-82-5	Aroclor-1260	179		1	4.70	24.5	ug/kg	10/21/25 15:42	PB170178
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.0			32 - 144	115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.4			32 - 175	72%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:42
Operator : YP\AJ
Sample : Q3402-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
41-LAMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 13:46:20 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	2.777	99869388	104.3E6	22.957	20.528
2)	SA Decachlor...	8.499	7.533	41920825	68916417	14.436	13.648
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.776	66754227	90981119	406.681	406.162
4)	L1 AR-1016-2	4.499	3.792	119.6E6	141.2E6	466.808	415.105
5)	L1 AR-1016-3	4.556	3.952	75874791	75880313	476.845	417.248
6)	L1 AR-1016-4	4.646	4.001	66534254	62581783	512.081	397.565
7)	L1 AR-1016-5	4.930	4.196	57132787	76838356	443.568	400.530
31)	L7 AR-1260-1	6.020	5.188	98841471	137.3E6	421.551	380.847
32)	L7 AR-1260-2	6.276	5.377	113.1E6	166.4E6	408.711	378.143
33)	L7 AR-1260-3	6.628	5.518	65984097	153.7E6	331.065	370.427
34)	L7 AR-1260-4	6.841	5.978	76487253	110.7E6	355.948	307.747
35)	L7 AR-1260-5	7.147	6.223	150.5E6	227.5E6	346.942	270.724

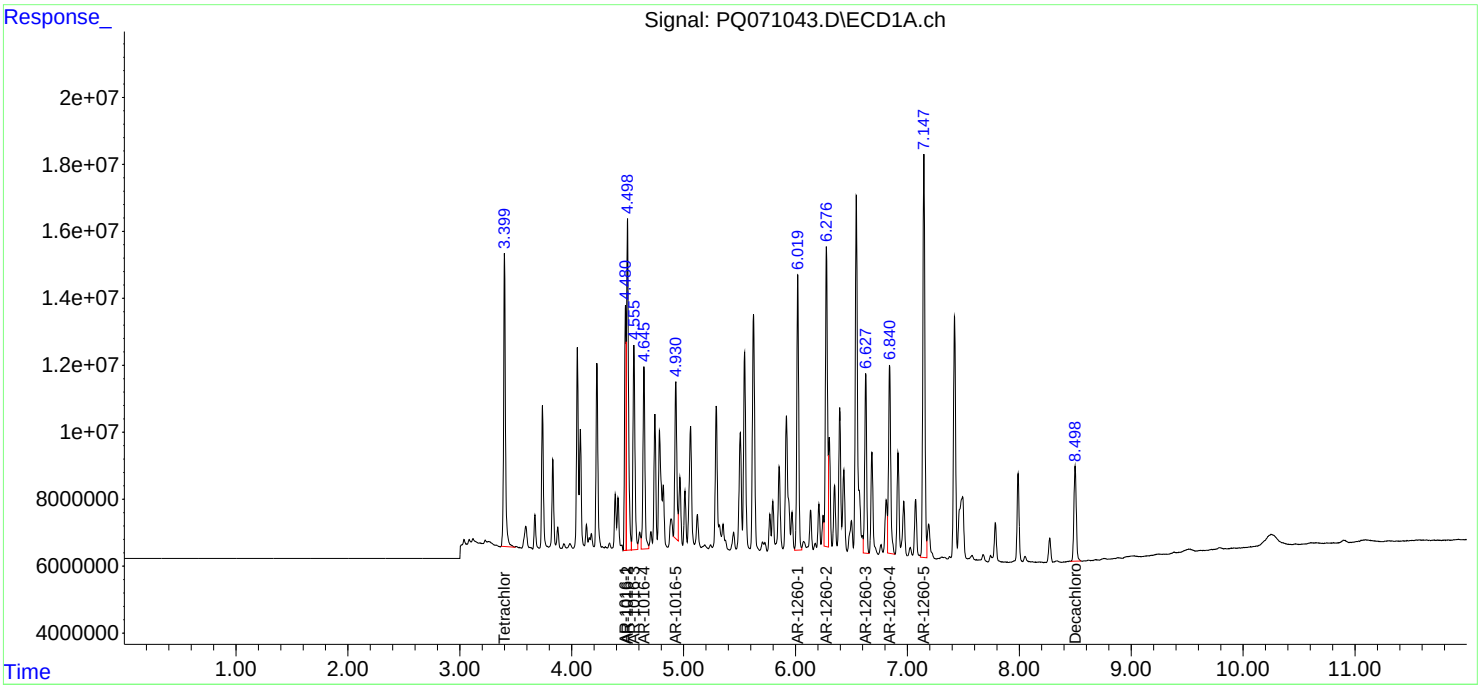
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

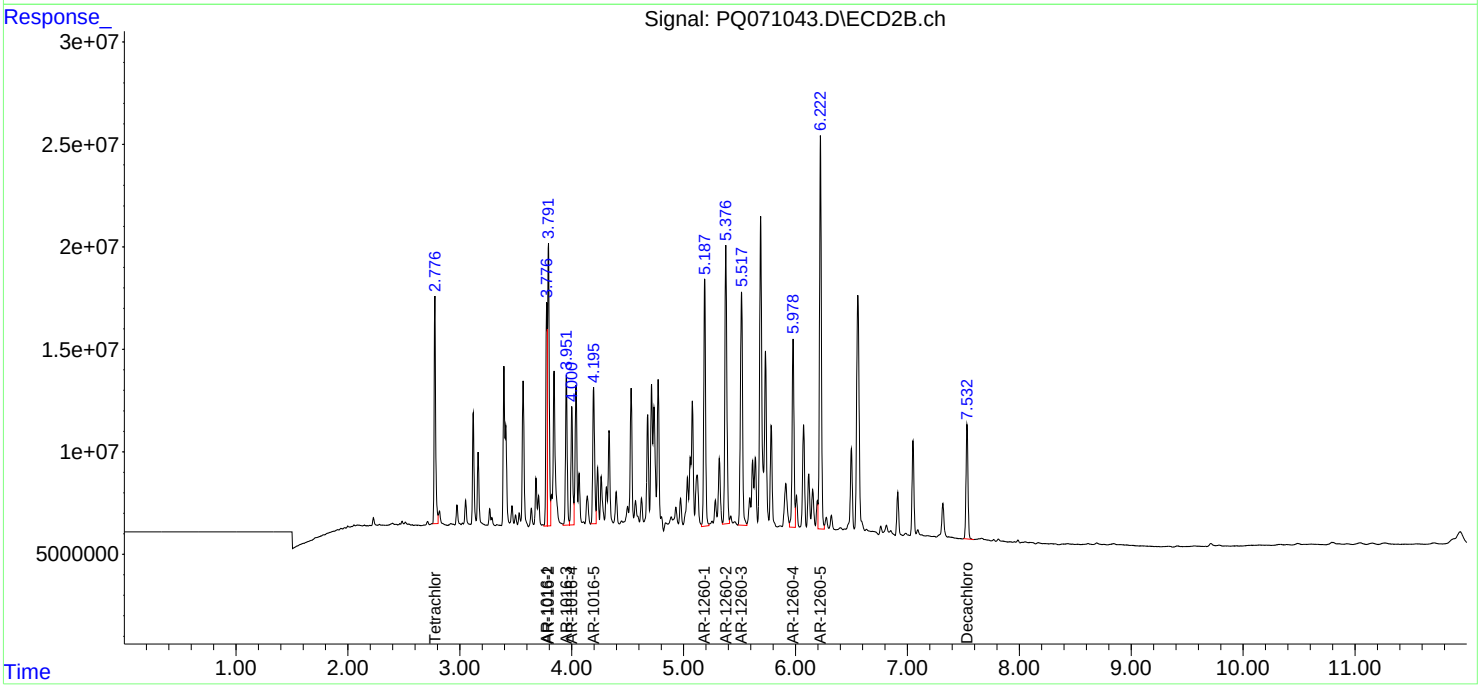
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102125\
Data File : PQ071043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:42
Operator : YP\AJ
Sample : Q3402-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

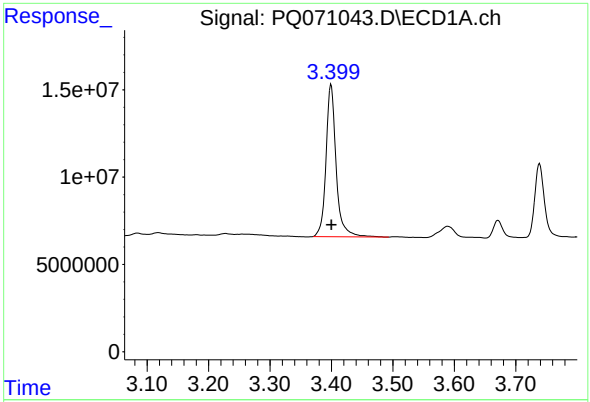
Instrument :
ECD_Q
ClientSampleId :
41-LAMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 13:46:20 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



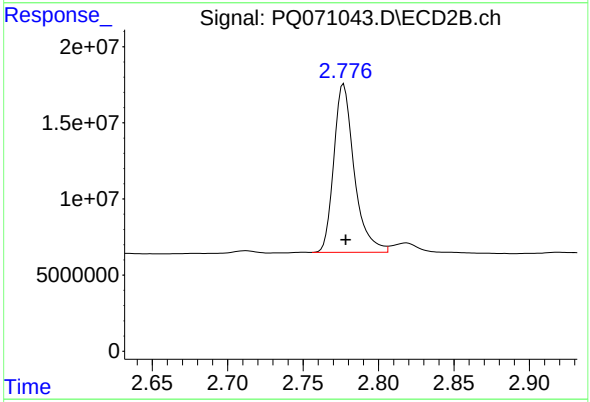




#1 Tetrachloro-m-xylene

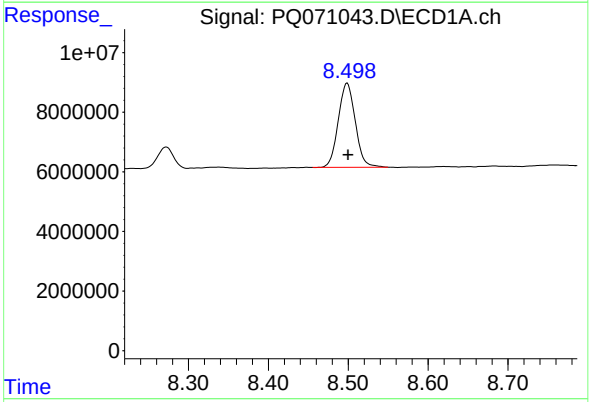
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 99869388
Conc: 22.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMSD



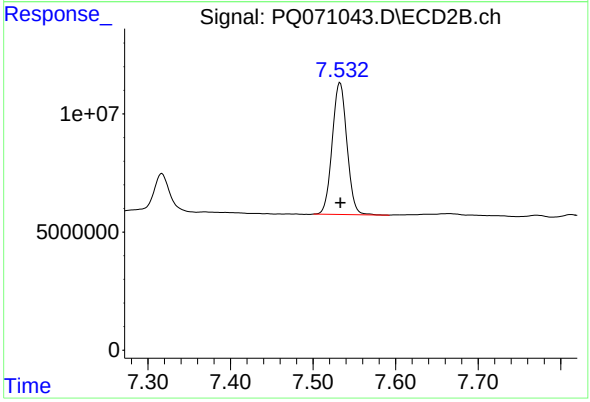
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.001 min
Response: 104285037
Conc: 20.53 ng/ml



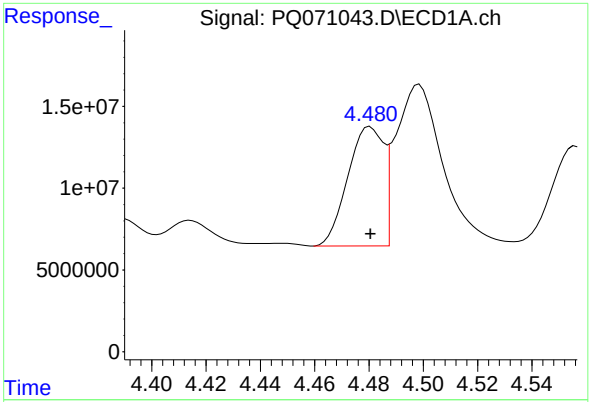
#2 Decachlorobiphenyl

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 41920825
Conc: 14.44 ng/ml



#2 Decachlorobiphenyl

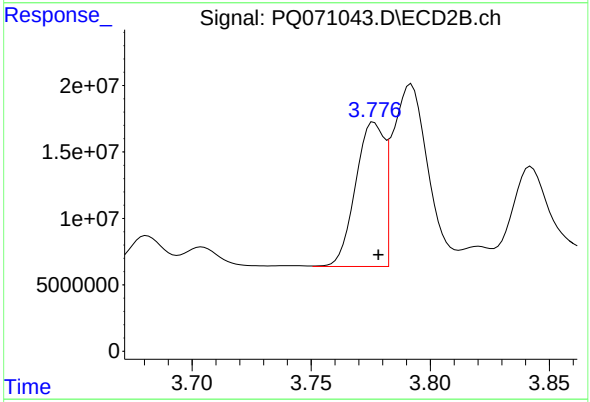
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 68916417
Conc: 13.65 ng/ml



#3 AR-1016-1

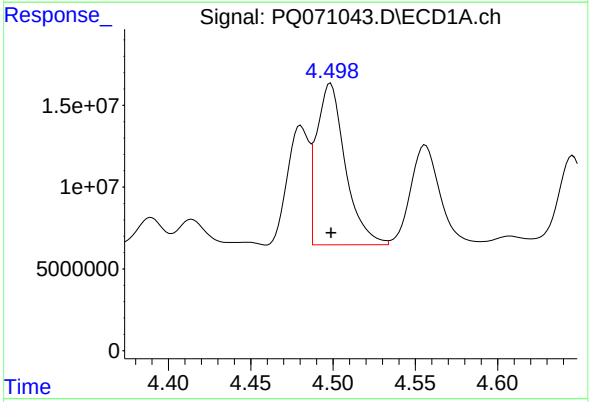
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 66754227
Conc: 406.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMSD



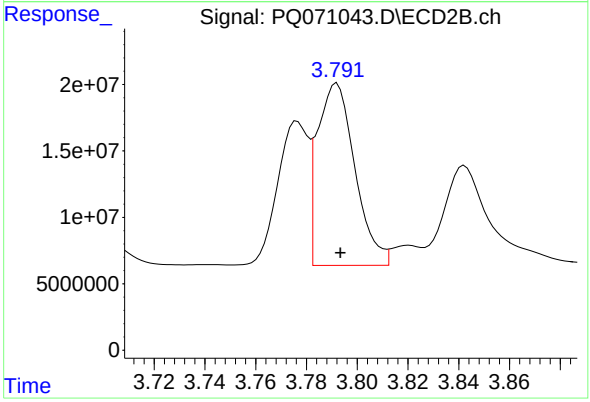
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 90981119
Conc: 406.16 ng/ml



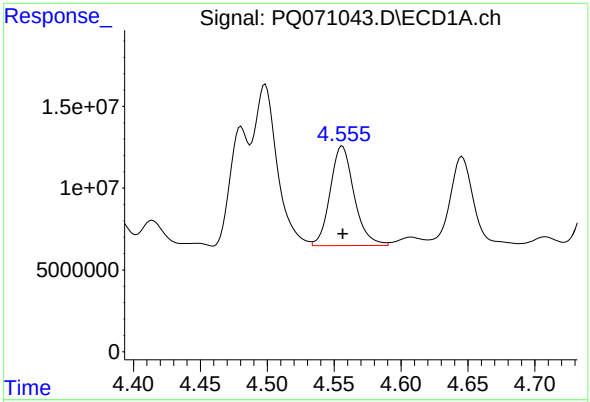
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 119640293
Conc: 466.81 ng/ml



#4 AR-1016-2

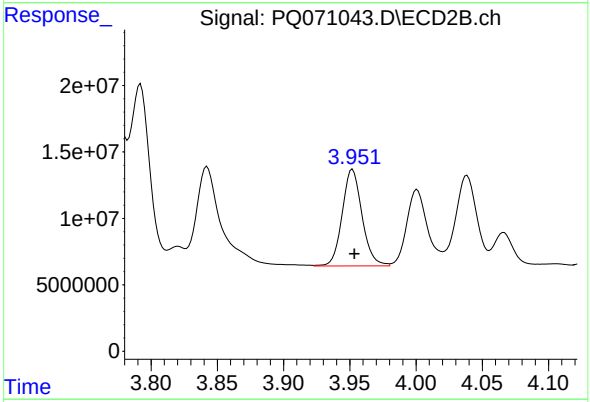
R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 141186690
Conc: 415.10 ng/ml



#5 AR-1016-3

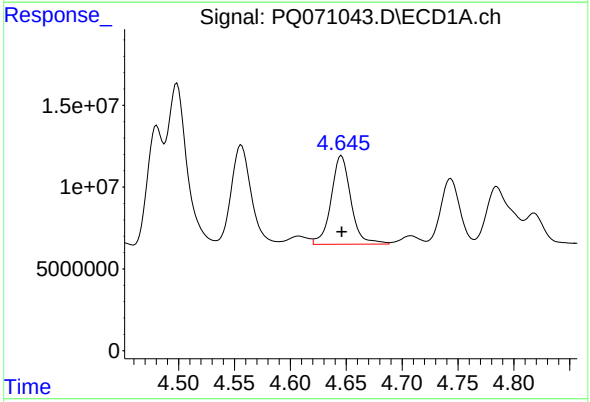
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 75874791
Conc: 476.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMSD



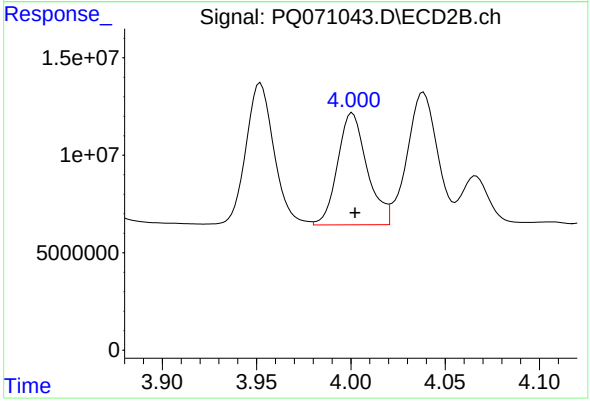
#5 AR-1016-3

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 75880313
Conc: 417.25 ng/ml



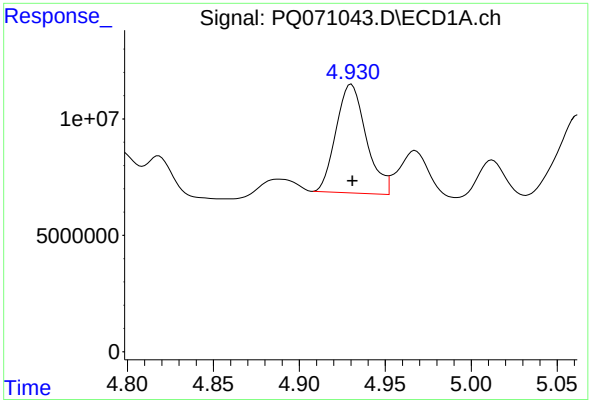
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 66534254
Conc: 512.08 ng/ml



#6 AR-1016-4

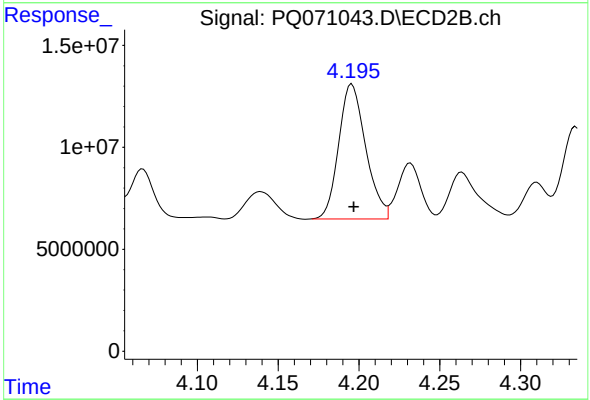
R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 62581783
Conc: 397.57 ng/ml



#7 AR-1016-5

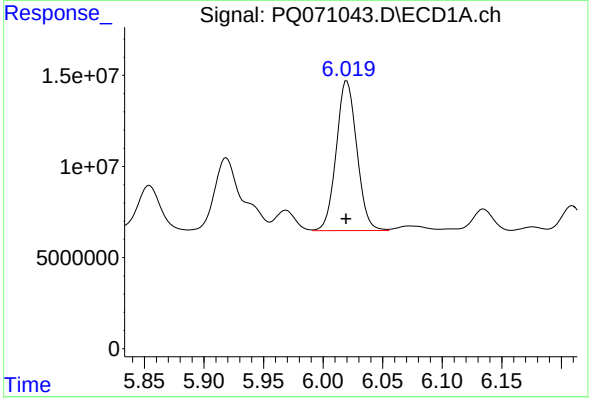
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 57132787
Conc: 443.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMSD



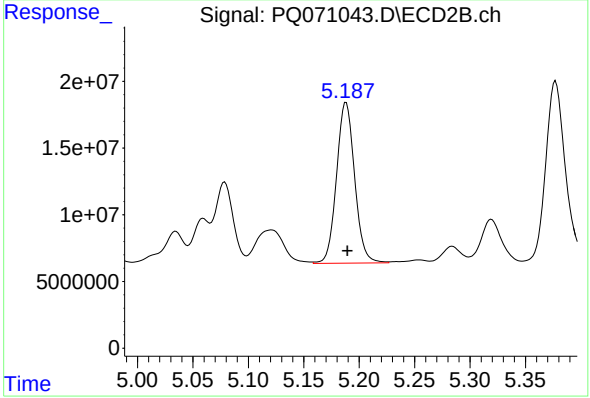
#7 AR-1016-5

R.T.: 4.196 min
Delta R.T.: -0.001 min
Response: 76838356
Conc: 400.53 ng/ml



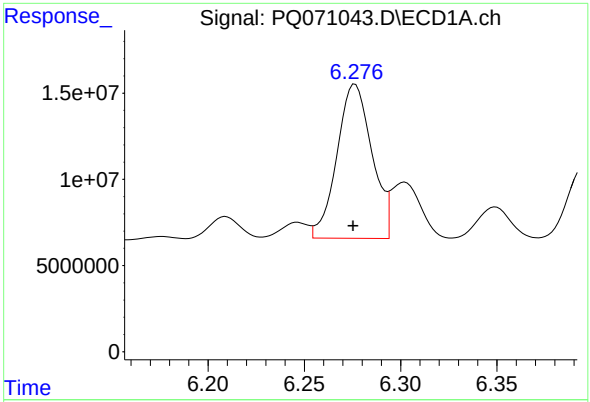
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 98841471
Conc: 421.55 ng/ml



#31 AR-1260-1

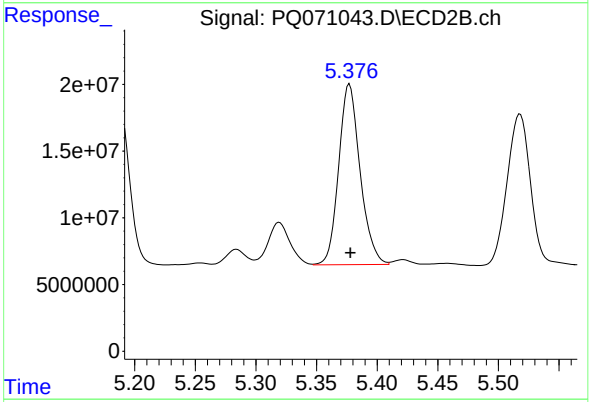
R.T.: 5.188 min
Delta R.T.: -0.001 min
Response: 137259512
Conc: 380.85 ng/ml



#32 AR-1260-2

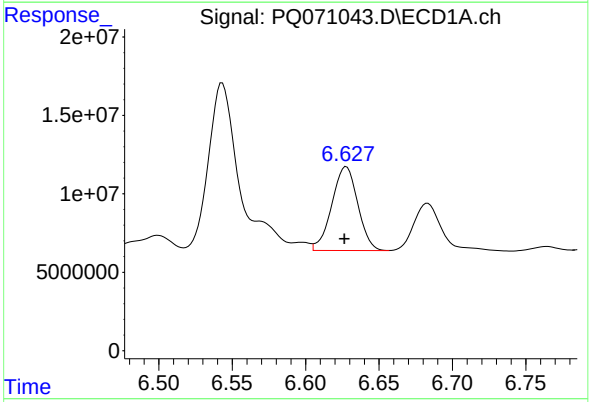
R.T.: 6.276 min
Delta R.T.: 0.001 min
Response: 113053119
Conc: 408.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMSD



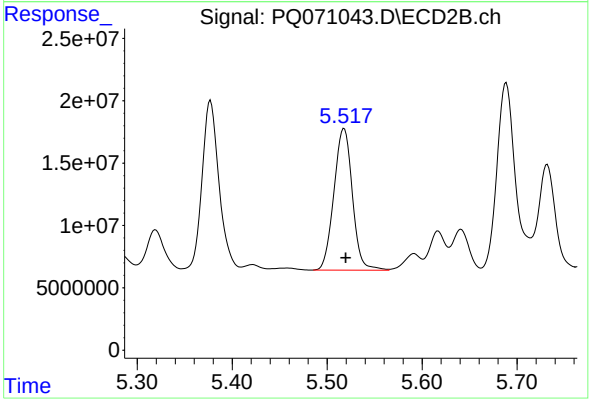
#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 166380562
Conc: 378.14 ng/ml



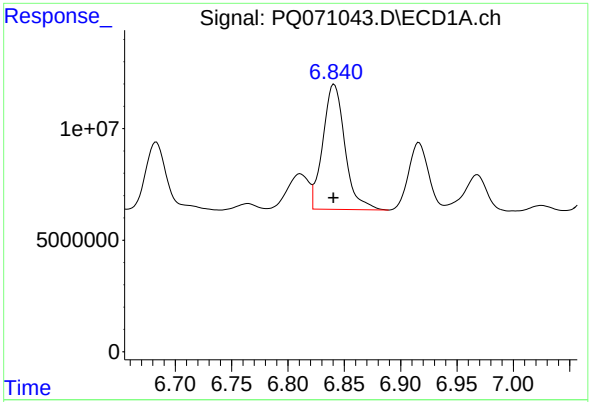
#33 AR-1260-3

R.T.: 6.628 min
Delta R.T.: 0.001 min
Response: 65984097
Conc: 331.07 ng/ml



#33 AR-1260-3

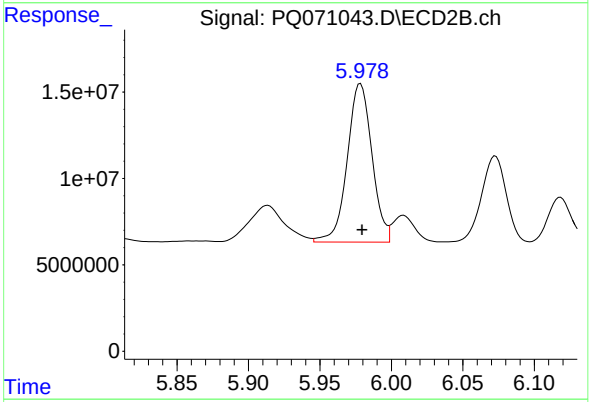
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 153726852
Conc: 370.43 ng/ml



#34 AR-1260-4

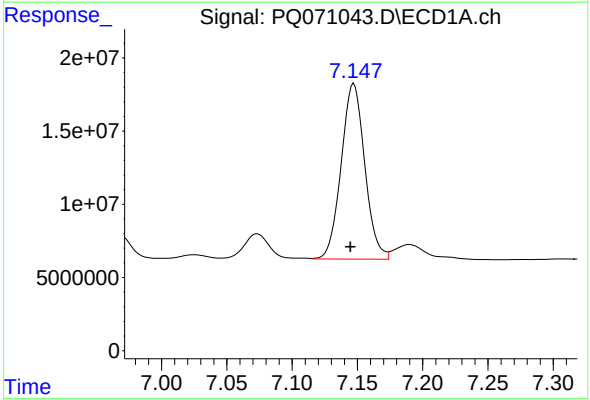
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 76487253
Conc: 355.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
41-LAMSD



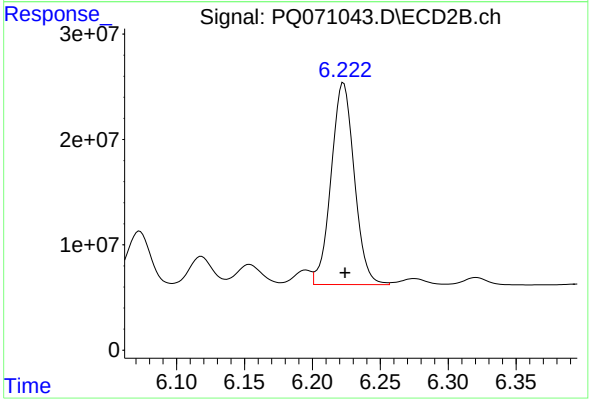
#34 AR-1260-4

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 110715769
Conc: 307.75 ng/ml



#35 AR-1260-5

R.T.: 7.147 min
Delta R.T.: 0.003 min
Response: 150495349
Conc: 346.94 ng/ml



#35 AR-1260-5

R.T.: 6.223 min
Delta R.T.: -0.001 min
Response: 227484310
Conc: 270.72 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:	PO102125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO114542.D	AR-1260-4 #2	yogesh	10/22/2025 11:22:29 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-01	PO114547.D	AR-1248-1	yogesh	10/22/2025 11:22:30 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-01	PO114547.D	AR-1248-2	yogesh	10/22/2025 11:22:30 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-01	PO114547.D	AR-1248-3	yogesh	10/22/2025 11:22:30 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-01	PO114547.D	AR-1248-5 #2	yogesh	10/22/2025 11:22:30 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-01	PO114547.D	Tetrachloro-m-xylene	yogesh	10/22/2025 11:22:30 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-03	PO114562.D	Tetrachloro-m-xylene	yogesh	10/22/2025 11:22:37 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-04	PO114563.D	Tetrachloro-m-xylene	yogesh	10/22/2025 11:22:38 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-05	PO114564.D	AR-1254-2 #2	yogesh	10/22/2025 11:22:40 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-05	PO114564.D	AR-1254-3 #2	yogesh	10/22/2025 11:22:40 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-05	PO114564.D	AR-1254-4 #2	yogesh	10/22/2025 11:22:40 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-05	PO114564.D	AR-1254-5 #2	yogesh	10/22/2025 11:22:40 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software
Q3393-05	PO114564.D	Tetrachloro-m-xylene	yogesh	10/22/2025 11:22:40 AM	mohammad	10/24/2025 1:10:09	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PO102125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	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

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

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

Manual Integration Report

Sequence:	PQ102125	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PQ071030.D	AR-1242-2	yogesh	10/23/2025 7:24:13 AM	mohammad	10/24/2025 1:14:06	Peak Integrated by Software
AR1242CCC500	PQ071030.D	AR-1242-5	yogesh	10/23/2025 7:24:13 AM	mohammad	10/24/2025 1:14:06	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PQ102425	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PQ071125.D	AR-1242-2	yogesh	10/27/2025 8:37:28 AM	mohammad	10/28/2025 6:10:20	Peak Integrated by Software
PB170178BS	PQ071140.D	AR-1260-1	yogesh	10/27/2025 8:37:32 AM	mohammad	10/28/2025 6:10:20	Peak Integrated by Software
AR1660CCC500	PQ071145.D	AR-1016-5 #2	yogesh	10/27/2025 8:37:35 AM	mohammad	10/28/2025 6:10:20	Peak Integrated by Software
AR1660CCC500	PQ071145.D	AR-1260-1	yogesh	10/27/2025 8:37:35 AM	mohammad	10/28/2025 6:10:20	Peak Integrated by Software
AR1660CCC500	PQ071145.D	AR-1260-2	yogesh	10/27/2025 8:37:35 AM	mohammad	10/28/2025 6:10:20	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 # PO102125

Review By	yogesh	Review On	10/21/2025 11:37:14 AM		
Supervise By	mohammad	Supervise On	10/24/2025 1:10:09 AM		
SubDirectory	PO102125	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	PO114527.D	21 Oct 2025 08:59	YP/AJ	Ok
2	AR1660CCC500	PO114528.D	21 Oct 2025 09:18	YP/AJ	Ok
3	AR1242CCC500	PO114529.D	21 Oct 2025 09:42	YP/AJ	Ok
4	AR1248CCC500	PO114530.D	21 Oct 2025 10:00	YP/AJ	Ok
5	AR1254CCC500	PO114531.D	21 Oct 2025 10:18	YP/AJ	Ok
6	I.BLK	PO114532.D	21 Oct 2025 10:37	YP/AJ	Ok
7	PB170164BL	PO114533.D	21 Oct 2025 10:55	YP/AJ	Ok
8	Q3390-06	PO114534.D	21 Oct 2025 11:12	YP/AJ	Ok
9	PB170176BL	PO114535.D	21 Oct 2025 11:43	YP/AJ	Ok
10	PB170176BS	PO114536.D	21 Oct 2025 12:02	YP/AJ	Ok
11	Q3396-01	PO114537.D	21 Oct 2025 12:20	YP/AJ	Ok,M
12	Q3396-02	PO114538.D	21 Oct 2025 12:38	YP/AJ	Ok,M
13	Q3396-03	PO114539.D	21 Oct 2025 12:57	YP/AJ	Ok,M
14	Q3353-01	PO114540.D	21 Oct 2025 13:14	YP/AJ	Dilution
15	Q3353-02	PO114541.D	21 Oct 2025 13:32	YP/AJ	Dilution
16	AR1660CCC500	PO114542.D	21 Oct 2025 14:45	YP/AJ	Ok,M
17	AR1242CCC500	PO114543.D	21 Oct 2025 15:03	YP/AJ	Ok
18	AR1248CCC500	PO114544.D	21 Oct 2025 15:22	YP/AJ	Ok
19	AR1254CCC500	PO114545.D	21 Oct 2025 15:40	YP/AJ	Ok
20	I.BLK	PO114546.D	21 Oct 2025 15:59	YP/AJ	Ok
21	Q3393-01	PO114547.D	21 Oct 2025 16:17	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 # PO102125

Review By	yogesh	Review On	10/21/2025 11:37:14 AM		
Supervise By	mohammad	Supervise On	10/24/2025 1:10:09 AM		
SubDirectory	PO102125	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	

22	Q3393-02	PO114548.D	21 Oct 2025 16:36	YP/AJ	Ok
23	Q3397-01	PO114549.D	21 Oct 2025 16:54	YP/AJ	Ok
24	Q3401-01	PO114550.D	21 Oct 2025 17:12	YP/AJ	Ok
25	Q3402-04	PO114551.D	21 Oct 2025 17:31	YP/AJ	Ok
26	Q3402-07	PO114552.D	21 Oct 2025 17:49	YP/AJ	Ok
27	Q3402-10	PO114553.D	21 Oct 2025 18:08	YP/AJ	Ok
28	Q3403-01	PO114554.D	21 Oct 2025 18:25	YP/AJ	Ok
29	Q3368-06	PO114555.D	21 Oct 2025 18:42	YP/AJ	Ok,M
30	Q3368-07	PO114556.D	21 Oct 2025 19:01	YP/AJ	Ok,M
31	AR1660CCC500	PO114557.D	21 Oct 2025 20:13	YP/AJ	Ok
32	AR1242CCC500	PO114558.D	21 Oct 2025 20:49	YP/AJ	Ok
33	AR1248CCC500	PO114559.D	21 Oct 2025 21:08	YP/AJ	Ok
34	AR1254CCC500	PO114560.D	21 Oct 2025 21:25	YP/AJ	Ok
35	I.BLK	PO114561.D	21 Oct 2025 21:43	YP/AJ	Ok
36	Q3393-03	PO114562.D	21 Oct 2025 22:01	YP/AJ	Ok,M
37	Q3393-04	PO114563.D	21 Oct 2025 22:19	YP/AJ	Ok,M
38	Q3393-05	PO114564.D	21 Oct 2025 22:36	YP/AJ	Ok,M
39	AR1660CCC500	PO114565.D	21 Oct 2025 23:49	YP/AJ	Ok
40	AR1242CCC500	PO114566.D	22 Oct 2025 00:42	YP/AJ	Ok
41	AR1248CCC500	PO114567.D	22 Oct 2025 01:01	YP/AJ	Ok
42	AR1254CCC500	PO114568.D	22 Oct 2025 01:19	YP/AJ	Ok
43	I.BLK	PO114569.D	22 Oct 2025 01:36	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 # 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 # PQ102125

Review By	yogesh	Review On	10/22/2025 11:57:44 AM		
Supervise By	mohammad	Supervise On	10/24/2025 1:14:06 AM		
SubDirectory	PQ102125	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	PQ071028.D	21 Oct 2025 09:37	YP\AJ	Ok
2	AR1660CCC500	PQ071029.D	21 Oct 2025 11:06	YP\AJ	Ok
3	AR1242CCC500	PQ071030.D	21 Oct 2025 11:25	YP\AJ	Ok,M
4	AR1248CCC500	PQ071031.D	21 Oct 2025 11:40	YP\AJ	Ok
5	AR1254CCC500	PQ071032.D	21 Oct 2025 11:54	YP\AJ	Ok
6	I.BLK	PQ071033.D	21 Oct 2025 12:09	YP\AJ	Ok
7	PB170178BL	PQ071034.D	21 Oct 2025 13:31	YP\AJ	Ok
8	PB170178BS	PQ071035.D	21 Oct 2025 13:46	YP\AJ	Not Ok
9	Q3376-01	PQ071036.D	21 Oct 2025 14:00	YP\AJ	Ok,M
10	Q3376-02	PQ071037.D	21 Oct 2025 14:15	YP\AJ	Ok,M
11	Q3376-03	PQ071038.D	21 Oct 2025 14:30	YP\AJ	Ok
12	Q3376-04	PQ071039.D	21 Oct 2025 14:44	YP\AJ	Ok
13	Q3376-05	PQ071040.D	21 Oct 2025 14:59	YP\AJ	Ok
14	Q3402-01	PQ071041.D	21 Oct 2025 15:13	YP\AJ	Ok
15	Q3402-01MS	PQ071042.D	21 Oct 2025 15:28	YP\AJ	Ok
16	Q3402-01MSD	PQ071043.D	21 Oct 2025 15:42	YP\AJ	Ok
17	AR1660CCC500	PQ071044.D	21 Oct 2025 16:41	YP\AJ	Ok
18	AR1242CCC500	PQ071045.D	21 Oct 2025 17:25	YP\AJ	Ok
19	AR1248CCC500	PQ071046.D	21 Oct 2025 17:39	YP\AJ	Ok
20	AR1254CCC500	PQ071047.D	21 Oct 2025 17:54	YP\AJ	Ok
21	I.BLK	PQ071048.D	21 Oct 2025 18:08	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 # PQ102425

Review By	yogesh	Review On	10/24/2025 11:07:53 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:20 AM		
SubDirectory	PQ102425	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	PQ071118.D	24 Oct 2025 08:37	YP\AJ	Ok
2	AR1660CCC500	PQ071119.D	24 Oct 2025 08:52	YP\AJ	Ok
3	I.BLK	PQ071120.D	24 Oct 2025 09:06	YP\AJ	Ok
4	PB170211BS	PQ071121.D	24 Oct 2025 09:34	YP\AJ	Ok,M
5	PB170211BSD	PQ071122.D	24 Oct 2025 09:51	YP\AJ	Ok,M
6	PB170227BS	PQ071123.D	24 Oct 2025 10:07	YP\AJ	Ok
7	AR1660CCC500	PQ071124.D	24 Oct 2025 10:36	YP\AJ	Ok
8	AR1242CCC500	PQ071125.D	24 Oct 2025 10:57	YP\AJ	Ok,M
9	AR1248CCC500	PQ071126.D	24 Oct 2025 11:13	YP\AJ	Ok
10	AR1254CCC500	PQ071127.D	24 Oct 2025 11:28	YP\AJ	Ok
11	I.BLK	PQ071128.D	24 Oct 2025 11:46	YP\AJ	Ok
12	PB170228BS	PQ071130.D	24 Oct 2025 12:15	YP\AJ	Ok
13	Q3429-01	PQ071131.D	24 Oct 2025 12:29	YP\AJ	Dilution
14	Q3429-02	PQ071132.D	24 Oct 2025 12:44	YP\AJ	Dilution
15	Q3430-01	PQ071133.D	24 Oct 2025 12:58	YP\AJ	ReRun
16	AR1660CCC500	PQ071134.D	24 Oct 2025 13:57	YP\AJ	Ok
17	AR1242CCC500	PQ071135.D	24 Oct 2025 14:12	YP\AJ	Ok
18	AR1248CCC500	PQ071136.D	24 Oct 2025 14:26	YP\AJ	Ok
19	AR1254CCC500	PQ071137.D	24 Oct 2025 14:41	YP\AJ	Ok
20	I.BLK	PQ071138.D	24 Oct 2025 14:55	YP\AJ	Ok
21	Q3430-01RE	PQ071139.D	24 Oct 2025 15:10	YP\AJ	Confirms

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 # PQ102425

Review By	yogesh	Review On	10/24/2025 11:07:53 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:20 AM		
SubDirectory	PQ102425	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,PP2484 4,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB170178BS	PQ071140.D	24 Oct 2025 15:24	YP\AJ	Ok,M
23	Q3429-01DL	PQ071141.D	24 Oct 2025 15:39	YP\AJ	Dilution
24	Q3429-01DL2	PQ071142.D	24 Oct 2025 15:54	YP\AJ	Ok
25	Q3429-02DL	PQ071143.D	24 Oct 2025 16:08	YP\AJ	Dilution
26	Q3429-02DL2	PQ071144.D	24 Oct 2025 16:23	YP\AJ	Ok
27	AR1660CCC500	PQ071145.D	24 Oct 2025 17:21	YP\AJ	Ok,M
28	AR1254CCC500	PQ071146.D	24 Oct 2025 17:50	YP\AJ	Ok
29	I.BLK	PQ071147.D	24 Oct 2025 18:05	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

Alliance TECHNICAL GROUP
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 # PO102125

Review By	yogesh	Review On	10/21/2025 11:37:14 AM		
Supervise By	mohammad	Supervise On	10/24/2025 1:10:09 AM		
SubDirectory	PO102125	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	PO114527.D	21 Oct 2025 08:59		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO114528.D	21 Oct 2025 09:18		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO114529.D	21 Oct 2025 09:42		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO114530.D	21 Oct 2025 10:00		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO114531.D	21 Oct 2025 10:18		YP/AJ	Ok
6	I.BLK	I.BLK	PO114532.D	21 Oct 2025 10:37		YP/AJ	Ok
7	PB170164BL	PB170164BL	PO114533.D	21 Oct 2025 10:55		YP/AJ	Ok
8	Q3390-06	4160	PO114534.D	21 Oct 2025 11:12		YP/AJ	Ok
9	PB170176BL	PB170176BL	PO114535.D	21 Oct 2025 11:43		YP/AJ	Ok
10	PB170176BS	PB170176BS	PO114536.D	21 Oct 2025 12:02	pass in PSEG criteria	YP/AJ	Ok
11	Q3396-01	A	PO114537.D	21 Oct 2025 12:20	AR1242 hit	YP/AJ	Ok,M
12	Q3396-02	B	PO114538.D	21 Oct 2025 12:38	AR1242 hit, TCMX failing high in second column	YP/AJ	Ok,M
13	Q3396-03	C	PO114539.D	21 Oct 2025 12:57	AR1242 hit, TCMX failing high in second column	YP/AJ	Ok,M
14	Q3353-01	1012	PO114540.D	21 Oct 2025 13:14	AR1248 hit, TCMX failing high in second column, Need 5X	YP/AJ	Dilution
15	Q3353-02	1012-A	PO114541.D	21 Oct 2025 13:32	AR1248 hit, Need 2X	YP/AJ	Dilution
16	AR1660CCC500	AR1660CCC500	PO114542.D	21 Oct 2025 14:45		YP/AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PO114543.D	21 Oct 2025 15:03		YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102125

Review By	yogesh	Review On	10/21/2025 11:37:14 AM		
Supervise By	mohammad	Supervise On	10/24/2025 1:10:09 AM		
SubDirectory	PO102125	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	AR1248CCC500	AR1248CCC500	PO114544.D	21 Oct 2025 15:22		YP/AJ	Ok
19	AR1254CCC500	AR1254CCC500	PO114545.D	21 Oct 2025 15:40		YP/AJ	Ok
20	I.BLK	I.BLK	PO114546.D	21 Oct 2025 15:59		YP/AJ	Ok
21	Q3393-01	PR132-S10-000022-20	PO114547.D	21 Oct 2025 16:17	AR1248 hit	YP/AJ	Ok,M
22	Q3393-02	PR132-S10-022047-20	PO114548.D	21 Oct 2025 16:36		YP/AJ	Ok
23	Q3397-01	TP-7-WC	PO114549.D	21 Oct 2025 16:54		YP/AJ	Ok
24	Q3401-01	41-CONCRETE	PO114550.D	21 Oct 2025 17:12		YP/AJ	Ok
25	Q3402-04	41-RA	PO114551.D	21 Oct 2025 17:31		YP/AJ	Ok
26	Q3402-07	41-LB	PO114552.D	21 Oct 2025 17:49		YP/AJ	Ok
27	Q3402-10	41-RB	PO114553.D	21 Oct 2025 18:08		YP/AJ	Ok
28	Q3403-01	MH-18	PO114554.D	21 Oct 2025 18:25		YP/AJ	Ok
29	Q3368-06	OUTSIDE-DUMPSTER	PO114555.D	21 Oct 2025 18:42		YP/AJ	Ok,M
30	Q3368-07	PRESS-SLUDGE	PO114556.D	21 Oct 2025 19:01	DCB high in first column	YP/AJ	Ok,M
31	AR1660CCC500	AR1660CCC500	PO114557.D	21 Oct 2025 20:13		YP/AJ	Ok
32	AR1242CCC500	AR1242CCC500	PO114558.D	21 Oct 2025 20:49		YP/AJ	Ok
33	AR1248CCC500	AR1248CCC500	PO114559.D	21 Oct 2025 21:08		YP/AJ	Ok
34	AR1254CCC500	AR1254CCC500	PO114560.D	21 Oct 2025 21:25		YP/AJ	Ok
35	I.BLK	I.BLK	PO114561.D	21 Oct 2025 21:43		YP/AJ	Ok
36	Q3393-03	PR132-S08-013038-20	PO114562.D	21 Oct 2025 22:01		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 # PO102125

Review By	yogesh	Review On	10/21/2025 11:37:14 AM		
Supervise By	mohammad	Supervise On	10/24/2025 1:10:09 AM		
SubDirectory	PO102125	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	

37	Q3393-04	PR132-S06-000021-20	PO114563.D	21 Oct 2025 22:19		YP/AJ	Ok,M
38	Q3393-05	PR132-S08-000013-20	PO114564.D	21 Oct 2025 22:36	AR1254 hit, TCMX failing high in second column	YP/AJ	Ok,M
39	AR1660CCC500	AR1660CCC500	PO114565.D	21 Oct 2025 23:49		YP/AJ	Ok
40	AR1242CCC500	AR1242CCC500	PO114566.D	22 Oct 2025 00:42		YP/AJ	Ok
41	AR1248CCC500	AR1248CCC500	PO114567.D	22 Oct 2025 01:01		YP/AJ	Ok
42	AR1254CCC500	AR1254CCC500	PO114568.D	22 Oct 2025 01:19		YP/AJ	Ok
43	I.BLK	I.BLK	PO114569.D	22 Oct 2025 01:36		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 # 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

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 # 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

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 # PQ102125

Review By	yogesh	Review On	10/22/2025 11:57:44 AM		
Supervise By	mohammad	Supervise On	10/24/2025 1:14:06 AM		
SubDirectory	PQ102125	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	PQ071028.D	21 Oct 2025 09:37		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ071029.D	21 Oct 2025 11:06		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PQ071030.D	21 Oct 2025 11:25		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PQ071031.D	21 Oct 2025 11:40	DCB high in both column	YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PQ071032.D	21 Oct 2025 11:54	DCB high in both column	YP\AJ	Ok
6	I.BLK	I.BLK	PQ071033.D	21 Oct 2025 12:09		YP\AJ	Ok
7	PB170178BL	PB170178BL	PQ071034.D	21 Oct 2025 13:31		YP\AJ	Ok
8	PB170178BS	PB170178BS	PQ071035.D	21 Oct 2025 13:46		YP\AJ	Not Ok
9	Q3376-01	PR132-S05-057082-20	PQ071036.D	21 Oct 2025 14:00	AR1254 hits	YP\AJ	Ok,M
10	Q3376-02	PR132-DP01-20251016	PQ071037.D	21 Oct 2025 14:15	AR1254 hits	YP\AJ	Ok,M
11	Q3376-03	PR132-COMP2-20251(	PQ071038.D	21 Oct 2025 14:30		YP\AJ	Ok
12	Q3376-04	PR132-S12-047072-20	PQ071039.D	21 Oct 2025 14:44	AR1248 hit	YP\AJ	Ok
13	Q3376-05	PR132-S12-020047-20	PQ071040.D	21 Oct 2025 14:59	AR1248 hit	YP\AJ	Ok
14	Q3402-01	41-LA	PQ071041.D	21 Oct 2025 15:13		YP\AJ	Ok
15	Q3402-01MS	41-LAMS	PQ071042.D	21 Oct 2025 15:28		YP\AJ	Ok
16	Q3402-01MSD	41-LAMSD	PQ071043.D	21 Oct 2025 15:42		YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PQ071044.D	21 Oct 2025 16:41		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PQ071045.D	21 Oct 2025 17:25	Failing high in first column	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 # PQ102125

Review By	yogesh	Review On	10/22/2025 11:57:44 AM		
Supervise By	mohammad	Supervise On	10/24/2025 1:14:06 AM		
SubDirectory	PQ102125	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	

19	AR1248CCC500	AR1248CCC500	PQ071046.D	21 Oct 2025 17:39	DCB high in both column	YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PQ071047.D	21 Oct 2025 17:54	DCB high in both column	YP\AJ	Ok
21	I.BLK	I.BLK	PQ071048.D	21 Oct 2025 18:08		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 # PQ102425

Review By	yogesh	Review On	10/24/2025 11:07:53 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:20 AM		
SubDirectory	PQ102425	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	PQ071118.D	24 Oct 2025 08:37		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ071119.D	24 Oct 2025 08:52		YP\AJ	Ok
3	I.BLK	I.BLK	PQ071120.D	24 Oct 2025 09:06		YP\AJ	Ok
4	PB170211BS	PB170211BS	PQ071121.D	24 Oct 2025 09:34		YP\AJ	Ok,M
5	PB170211BSD	PB170211BSD	PQ071122.D	24 Oct 2025 09:51		YP\AJ	Ok,M
6	PB170227BS	PB170227BS	PQ071123.D	24 Oct 2025 10:07		YP\AJ	Ok
7	AR1660CCC500	AR1660CCC500	PQ071124.D	24 Oct 2025 10:36		YP\AJ	Ok
8	AR1242CCC500	AR1242CCC500	PQ071125.D	24 Oct 2025 10:57		YP\AJ	Ok,M
9	AR1248CCC500	AR1248CCC500	PQ071126.D	24 Oct 2025 11:13		YP\AJ	Ok
10	AR1254CCC500	AR1254CCC500	PQ071127.D	24 Oct 2025 11:28		YP\AJ	Ok
11	I.BLK	I.BLK	PQ071128.D	24 Oct 2025 11:46		YP\AJ	Ok
12	PB170228BS	PB170228BS	PQ071130.D	24 Oct 2025 12:15		YP\AJ	Ok
13	Q3429-01	40309	PQ071131.D	24 Oct 2025 12:29	AR1254 hits, DCB high in 1st column	YP\AJ	Dilution
14	Q3429-02	40310	PQ071132.D	24 Oct 2025 12:44	AR1254 hits	YP\AJ	Dilution
15	Q3430-01	BUR-25-0095	PQ071133.D	24 Oct 2025 12:58	DCB high in both column & TCMX high in 1st column	YP\AJ	ReRun
16	AR1660CCC500	AR1660CCC500	PQ071134.D	24 Oct 2025 13:57		YP\AJ	Ok
17	AR1242CCC500	AR1242CCC500	PQ071135.D	24 Oct 2025 14:12		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 # PQ102425

Review By	yogesh	Review On	10/24/2025 11:07:53 AM		
Supervise By	mohammad	Supervise On	10/28/2025 6:10:20 AM		
SubDirectory	PQ102425	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	AR1248CCC500	AR1248CCC500	PQ071136.D	24 Oct 2025 14:26		YP\AJ	Ok
19	AR1254CCC500	AR1254CCC500	PQ071137.D	24 Oct 2025 14:41		YP\AJ	Ok
20	I.BLK	I.BLK	PQ071138.D	24 Oct 2025 14:55		YP\AJ	Ok
21	Q3430-01RE	BUR-25-0095RE	PQ071139.D	24 Oct 2025 15:10	DCB high in both column & TCMX high in 1st column	YP\AJ	Confirms
22	PB170178BS	PB170178BS	PQ071140.D	24 Oct 2025 15:24		YP\AJ	Ok,M
23	Q3429-01DL	40309DL	PQ071141.D	24 Oct 2025 15:39	AR1254 hits	YP\AJ	Dilution
24	Q3429-01DL2	40309DL2	PQ071142.D	24 Oct 2025 15:54	AR1254 hits	YP\AJ	Ok
25	Q3429-02DL	40310DL	PQ071143.D	24 Oct 2025 16:08	AR1254 hits, DCB High in 2nd column & TCMX high in 1st column	YP\AJ	Dilution
26	Q3429-02DL2	40310DL2	PQ071144.D	24 Oct 2025 16:23	AR1254 hits	YP\AJ	Ok
27	AR1660CCC500	AR1660CCC500	PQ071145.D	24 Oct 2025 17:21		YP\AJ	Ok,M
28	AR1254CCC500	AR1254CCC500	PQ071146.D	24 Oct 2025 17:50		YP\AJ	Ok
29	I.BLK	I.BLK	PQ071147.D	24 Oct 2025 18:05		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137589

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
Q3368-06	OUTSIDE-DUMPSTER	1	1.12	10.63	11.75	8.28	67.4	
Q3368-07	PRESS-SLUDGE	2	1.18	10.30	11.48	7.89	65.1	
Q3393-01	PR132-S10-000022-20251017	3	1.17	10.44	11.61	7.02	56.0	
Q3393-02	PR132-S10-022047-20251017	4	1.14	10.48	11.62	6.8	54.0	
Q3393-03	PR132-S08-013038-20251017	5	1.11	10.85	11.96	6.84	52.8	
Q3393-04	PR132-S06-000021-20251017	6	1.13	10.50	11.63	7.03	56.2	
Q3393-05	PR132-S08-000013-20251017	7	1.12	10.53	11.65	6.6	52.0	
Q3395-01	PR132-S09-000051-20251017	8	1.15	10.48	11.63	6.69	52.9	
Q3395-02	PR132-S07-000102-20251017	9	1.14	10.21	11.35	6.03	47.9	
Q3395-03	Q3395-02MS	10	1.14	10.21	11.35	6.03	47.9	
Q3395-04	Q3395-02MSD	11	1.14	10.21	11.35	6.03	47.9	
Q3395-05	PR132-S07-102116-20251017	12	1.13	10.12	11.25	6.33	51.4	
Q3395-06	PR132-COMP03-20251017	13	1.15	10.74	11.89	8.65	69.8	
Q3395-07	PR132-S08-038048-20251017	14	1.15	10.68	11.83	7.41	58.6	
Q3396-01	A	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3396-02	B	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3396-03	C	17	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3397-01	TP-7-WC	18	1.14	10.67	11.81	10.66	89.2	
Q3397-02	TP-7-EPH	19	1.18	10.18	11.36	9.81	84.8	
Q3397-03	TP-7-VOC	20	1.14	10.66	11.8	10.55	88.3	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

LB137589

WorkList Name : % SOLID-102025 **WorkList ID :** 192564 **Department :** Wet-Chemistry **Date :** 10-20-2025 15:56:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-06	OUTSIDE-DUMPSTER	Solid	Percent Solids	Cool 4 deg C	ARAM01	D41	10/16/2025	Chemtech -SO
Q3368-07	PRESS-SLUDGE	Solid	Percent Solids	Cool 4 deg C	ARAM01	D41	10/16/2025	Chemtech -SO
Q3393-01	PR132-S10-000022-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3393-02	PR132-S10-022047-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3393-03	PR132-S08-013038-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3393-04	PR132-S06-000021-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3393-05	PR132-S08-000013-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3395-01	PR132-S09-000051-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3395-02	PR132-S07-000102-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3395-03	Q3395-02MS	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3395-04	Q3395-02MSD	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3395-05	PR132-S07-102116-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3395-06	PR132-COMP03-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3395-07	PR132-S08-038048-20251017	Solid	Percent Solids	Cool 4 deg C	AECO02	D31	10/17/2025	Chemtech -SO
Q3396-01	A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3396-02	B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3396-03	C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3397-01	TP-7-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/17/2025	Chemtech -SO
Q3397-02	TP-7-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/18/2025	Chemtech -SO
Q3397-03	TP-7-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/18/2025	Chemtech -SO

Date/Time 10/20/25 16:20

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 10/20/25 17:40

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170178

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	10/21/2025
Matrix :	Solid			**Extraction Start Time :**	09:10
Weigh By:	EH	**Extraction By:**	EH	**Extraction End Date :**	10/21/2025
Balance check:	EH	**Filter By:**	RS	**Extraction End Time :**	12:40
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	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

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/21/25	RS (Ext lab)	R. Test / PCB Lab
12:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170178

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 10/21/2025

Sample ID	Client Sample ID	Test	(g)/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170178BL	ABLK178	PCB	30.01	N/A	Evelyn	RUPESH	10			U6-1
PB170178BS	ALCS178	PCB	30.03	N/A	Evelyn	RUPESH	10			2
Q3368-06	OUTSIDE-DUMPSTER	PCB	30.03	N/A	Evelyn	RUPESH	10	E		3
Q3368-07	PRESS-SLUDGE	PCB	30.04	N/A	Evelyn	RUPESH	10	E		4
Q3376-01	PR132-S05-057082-2025 1016	PCB	30.08	N/A	Evelyn	RUPESH	10	E		5
Q3376-02	PR132-DP01-20251016	PCB	30.04	N/A	Evelyn	RUPESH	10	E		6
Q3376-03	PR132-COMP2-20251016	PCB	30.02	N/A	Evelyn	RUPESH	10	E		U1-1
Q3376-04	PR132-S12-047072-2025 1016	PCB	30.05	N/A	Evelyn	RUPESH	10	E		2
Q3376-05	PR132-S12-020047-2025 1016	PCB	30.01	N/A	Evelyn	RUPESH	10	E		3
Q3393-01	PR132-S10-000022-2025 1017	PCB	30.06	N/A	Evelyn	RUPESH	10	E		4
Q3393-02	PR132-S10-022047-2025 1017	PCB	30.06	N/A	Evelyn	RUPESH	10	E		5
Q3393-03	PR132-S08-013038-2025 1017	PCB	30.05	N/A	Evelyn	RUPESH	10	E		6
Q3393-04	PR132-S06-000021-2025 1017	PCB	30.08	N/A	Evelyn	RUPESH	10	E		U2-1
Q3393-05	PR132-S08-000013-2025 1017	PCB	30.04	N/A	Evelyn	RUPESH	10	E		2
Q3397-01	TP-7-WC	PCB	30.02	N/A	Evelyn	RUPESH	10	E		3
Q3401-01	41-CONCRETE	PCB	30.03	N/A	Evelyn	RUPESH	10	B	Concrete	4
Q3402-01	41-LA	PCB	30.01	N/A	Evelyn	RUPESH	10	E		5
Q3402-01MS	41-LAMS	PCB	30.07	N/A	Evelyn	RUPESH	10	E		6
Q3402-01MSD	41-LAMSD	PCB	30.06	N/A	Evelyn	RUPESH	10	E		U3-1
Q3402-04	41-RA	PCB	30.09	N/A	Evelyn	RUPESH	10	E		2
Q3402-07	41-LB	PCB	30.02	N/A	Evelyn	RUPESH	10	E		3
Q3402-10	41-RB	PCB	30.03	N/A	Evelyn	RUPESH	10	E		4
Q3403-01	MH-18	PCB	30.01	N/A	Evelyn	RUPESH	10	E		5

RS 10/21

* **Extracts relinquished on the same date as received.**

Q3393-PCB

10/17 9:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3402 **WorkList ID :** 192572 **Department :** Extraction **Date :** 10-21-2025 08:42:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-06	OUTSIDE-DUMPSTER	Solid	PCB	Cool 4 deg C	ARAM01	D41	10/16/2025	8082A
Q3368-07	PRESS-SLUDGE	Solid	PCB	Cool 4 deg C	ARAM01	D41	10/16/2025	8082A
Q3376-01	PR132-S05-057082-20251016	Solid	PCB	Cool 4 deg C	AECO02	D31	10/16/2025	8082A
Q3376-02	PR132-DP01-20251016	Solid	PCB	Cool 4 deg C	AECO02	D31	10/16/2025	8082A
Q3376-03	PR132-COMP2-20251016	Solid	PCB	Cool 4 deg C	AECO02	D31	10/16/2025	8082A
Q3376-04	PR132-S12-047072-20251016	Solid	PCB	Cool 4 deg C	AECO02	D31	10/16/2025	8082A
Q3376-05	PR132-S12-020047-20251016	Solid	PCB	Cool 4 deg C	AECO02	D31	10/16/2025	8082A
Q3393-01	PR132-S10-000022-20251017	Solid	PCB	Cool 4 deg C	AECO02	D31	10/17/2025	8082A
Q3393-02	PR132-S10-022047-20251017	Solid	PCB	Cool 4 deg C	AECO02	D31	10/17/2025	8082A
Q3393-03	PR132-S08-013038-20251017	Solid	PCB	Cool 4 deg C	AECO02	D31	10/17/2025	8082A
Q3393-04	PR132-S06-000021-20251017	Solid	PCB	Cool 4 deg C	AECO02	D31	10/17/2025	8082A
Q3393-05	PR132-S08-000013-20251017	Solid	PCB	Cool 4 deg C	AECO02	D31	10/17/2025	8082A
Q3397-01	TP-7-WC	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/18/2025	8082A
Q3401-01	41-CONCRETE	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/20/2025	8082A
Q3402-01	41-LA	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/20/2025	8082A
Q3402-04	41-RA	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/20/2025	8082A
Q3402-07	41-LB	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/20/2025	8082A
Q3402-10	41-RB	Solid	PCB	Cool 4 deg C	PSEG03	D31	10/20/2025	8082A
Q3403-01	MH-18	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/20/2025	8082A

Date/Time 10/21/25 9:05
Raw Sample Received by: RS (Ext-lab)
Raw Sample Relinquished by: CP SM

Date/Time 10/21/25 9:40
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RS (Ext-lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q3393

Test : PCB

Prepbatch ID : PB170178,

Sequence ID/Qc Batch ID: PO102125,PQ102125,PQ102425,

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.

RE-02-01, Ed. 3

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

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

VWR®
BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Recieved on 7/30/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3962

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

Acetone.
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recieved on 8/6/25

E 3963

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Page 1 of 1

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

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

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

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker

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

P11518 ↓ P11522 AJ 02/21/22

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437 µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284 µg/mL	Unstressed
	Purity ----%		+/- 41.4406 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P111588 ↓ P111592

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

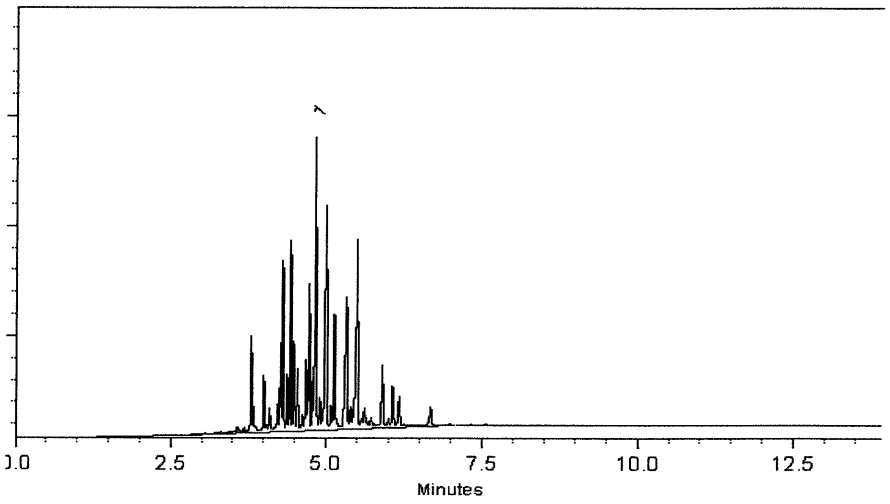
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refe

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Acet

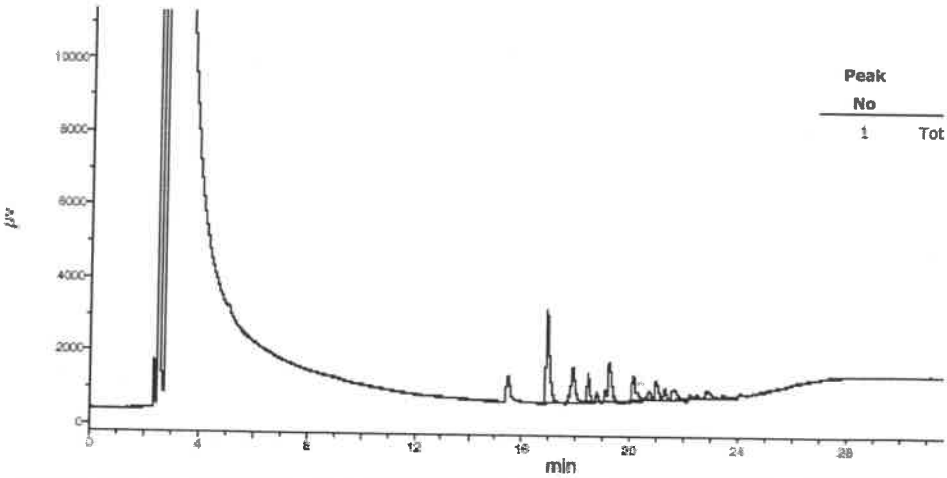
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

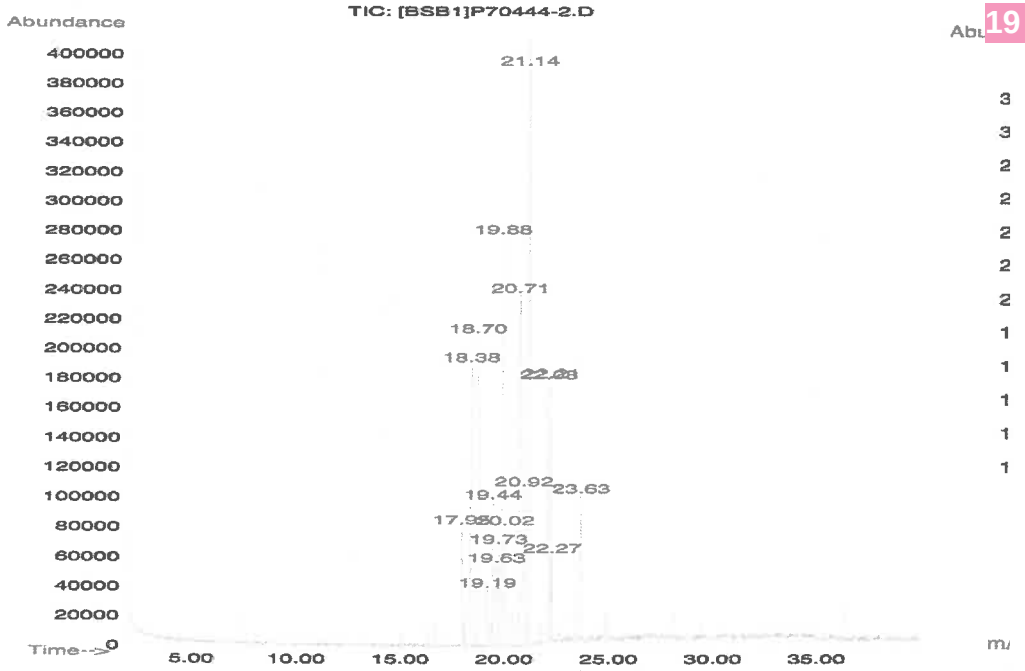
Certified Refere

CERTIFIED WEIGHT REPORT

Part Number:	X9166	**Solvent(s):**	
Lot Number:	060523	Methanol	E
Description:	Aroclor 1262 Appendix IX Compound		
Expiration Date:	060533		
Recommended Storage:	Ambient (20 °C)		
Nominal Concentration (µg/mL):	100		
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL):	20.0	0.002	Flask Uncertainty

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)
1. Aroclor 1262	70444	080322	0.10	2.00	0.017

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickn
min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.



- The certified value is the concentration calculated from gravimetric and volumetric me
- Standards are prepared gravimetrically using balances that are calibrated with weight
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appro
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

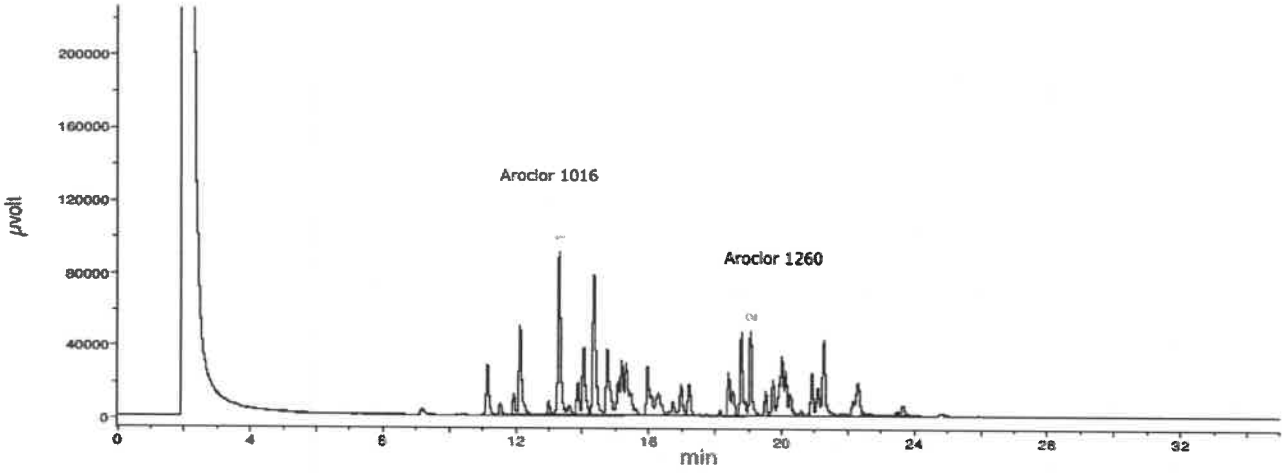
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 ± 0.010 Flask Uncertainty

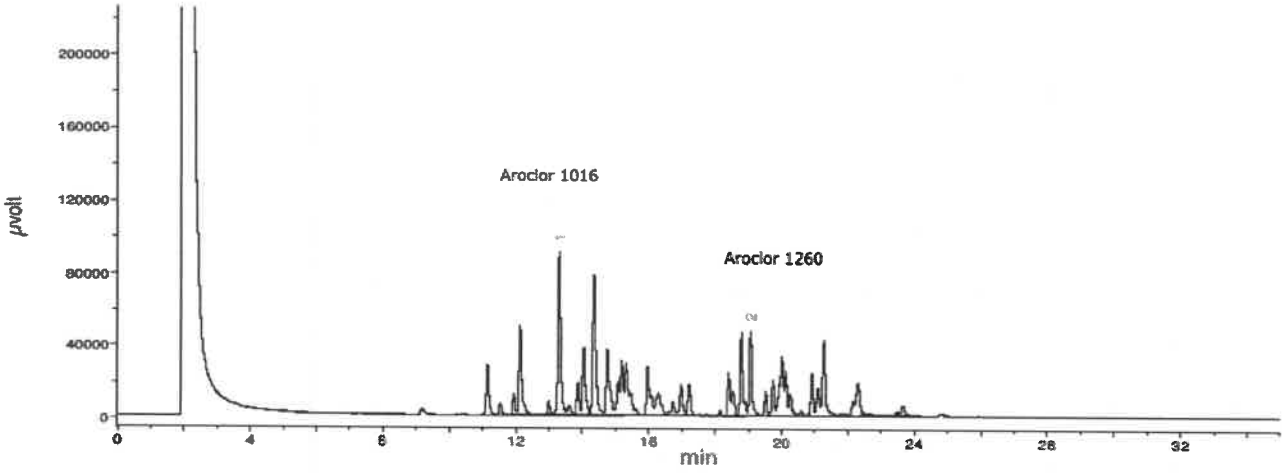
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are 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 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



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
Lot Number: 121823
Description: Aroclor 1254

Solvent(s): Iso-octane **Lot#** 82227

Expiration Date: 121833
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 100
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
0.003 Flask Uncertainty

Volume(s) shown below were combined and diluted to (mL): 20.0

Note: Aroclor 1254 is a mix of isomers.

Formulated By: Anthony Mahoney	121823 DATE
Reviewed By: Pedro L. Rentas	121823 DATE

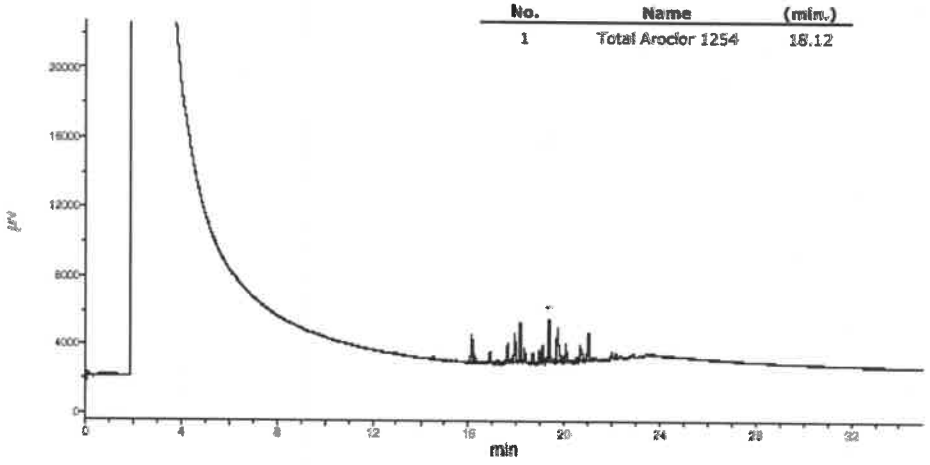
P12956 & P12957 Y.P 12/20/23

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 (10)
↓
P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

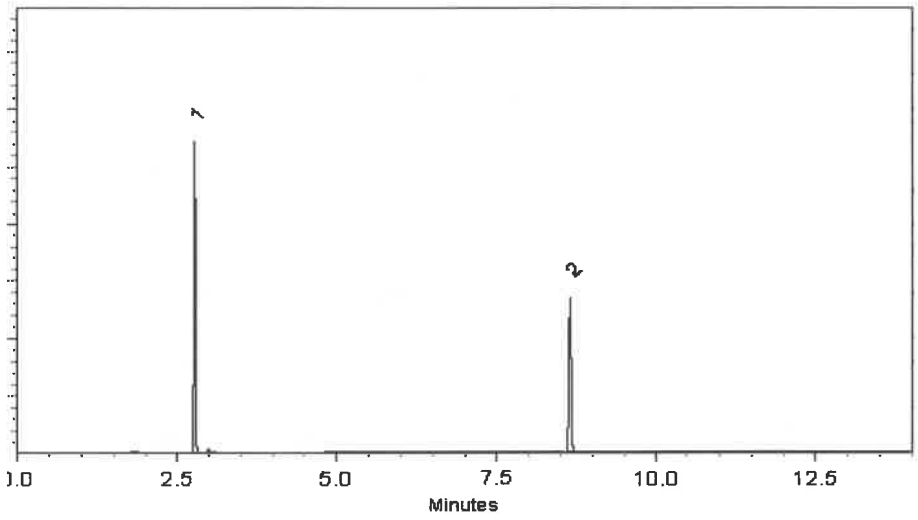
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13348 (10)
↓
P13357
1
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.)

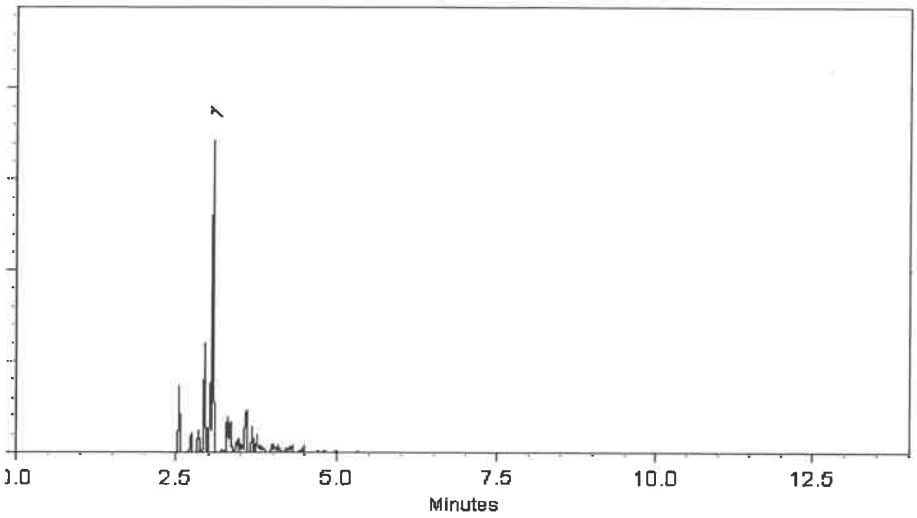
Inj. Temp:
250°C

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

P133774 (2)
↓
P133775

05/6/2024

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4 ±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589 ↓ P13590

AJ 10/14/24

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

Page: 2 of 2

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

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. : 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.)

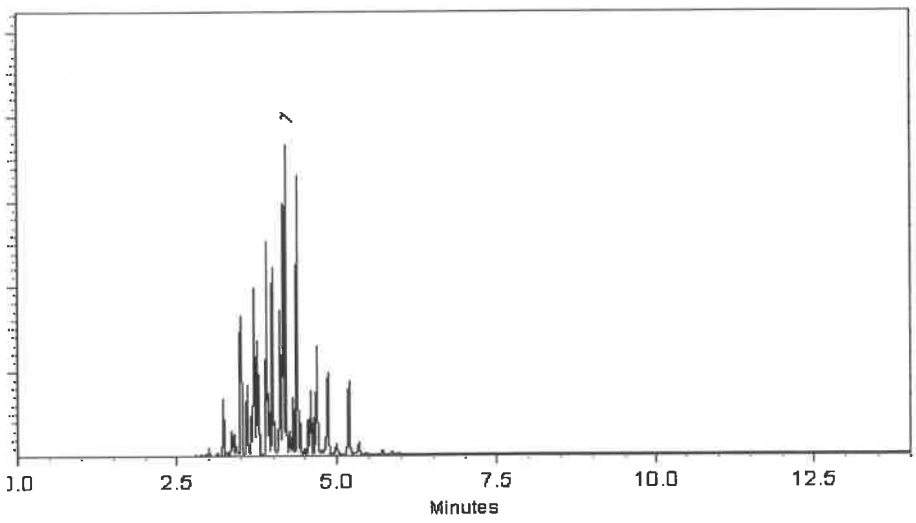
Inj. Temp:
250°C

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

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. : 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.)

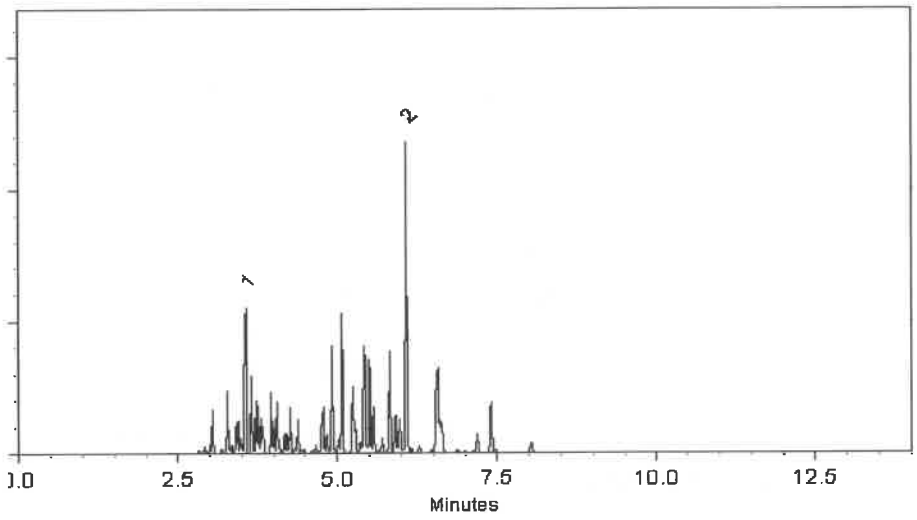
Inj. Temp:
250°C

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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0210232

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 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

P13706
P13707
Y.P. 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 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.)

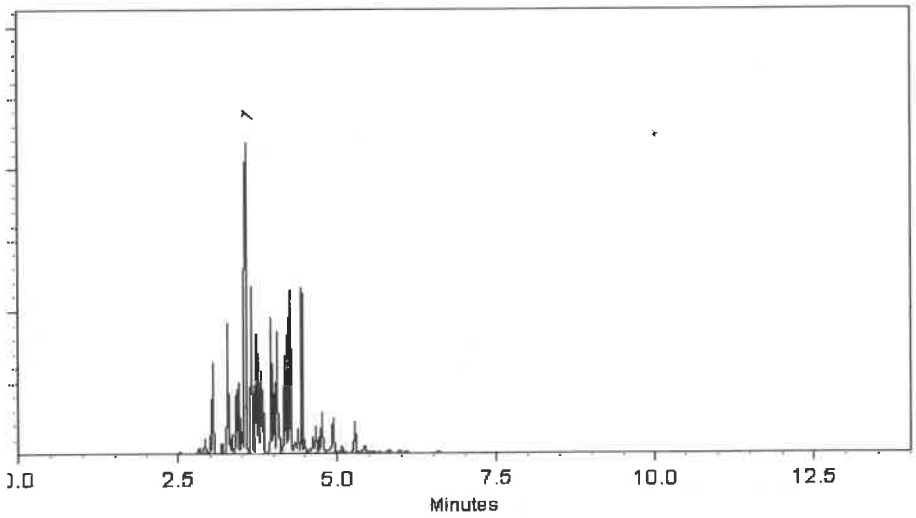
Inj. Temp:
250°C

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

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. : 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.)

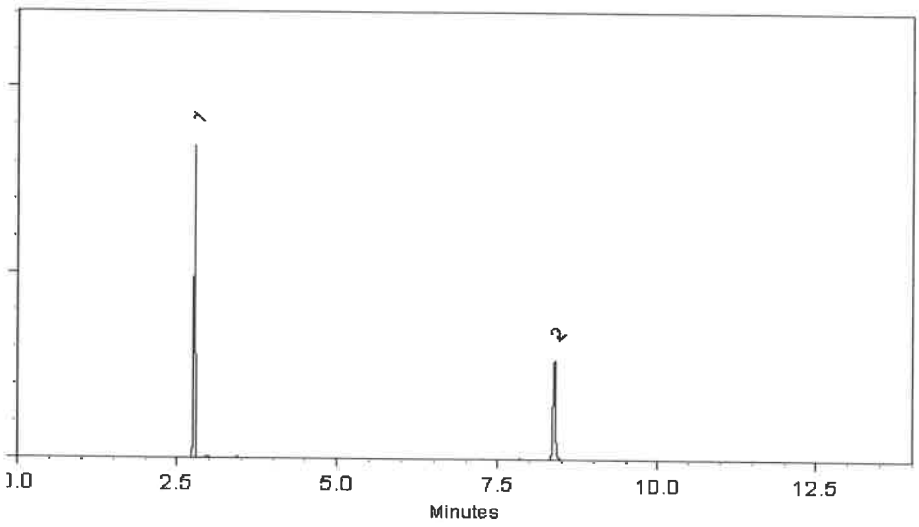
Inj. Temp:
250°C

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.

P19785 ↓ P19789 AJ 11/19/24

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

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.)

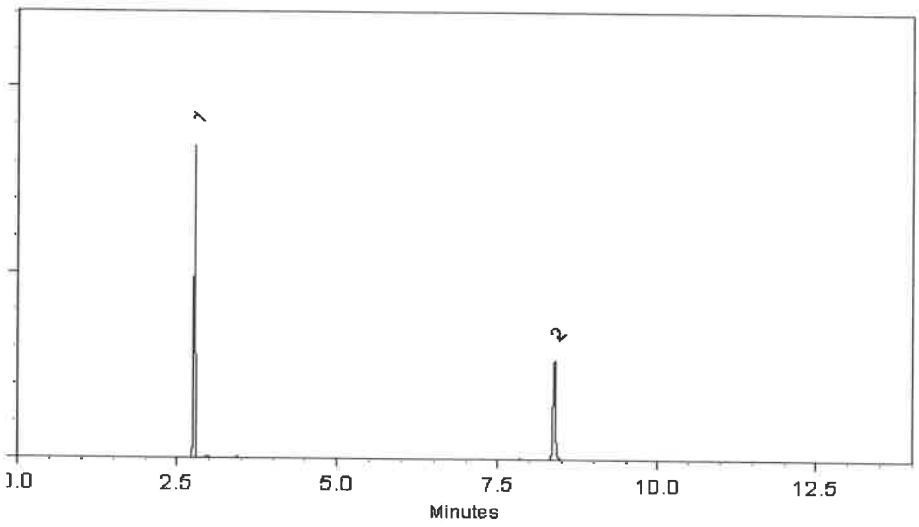
Inj. Temp:
250°C

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.)

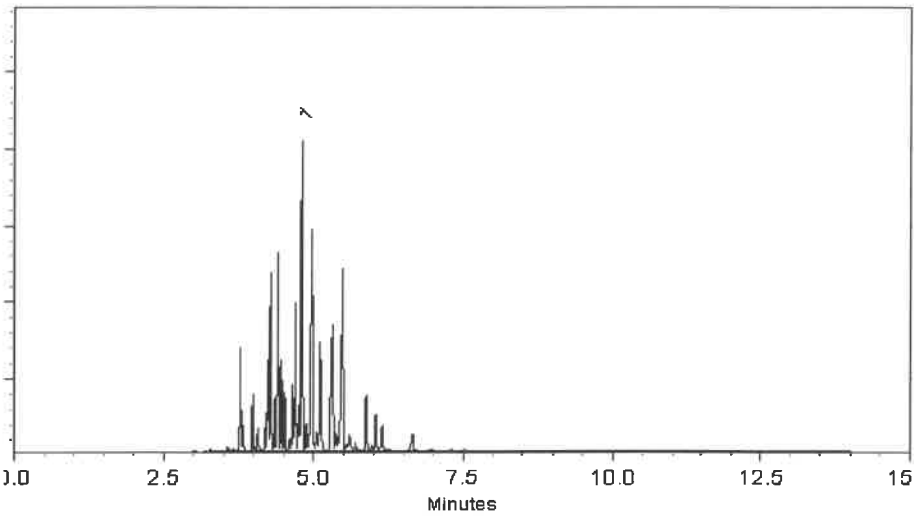
Inj. Temp:
250°C

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.)

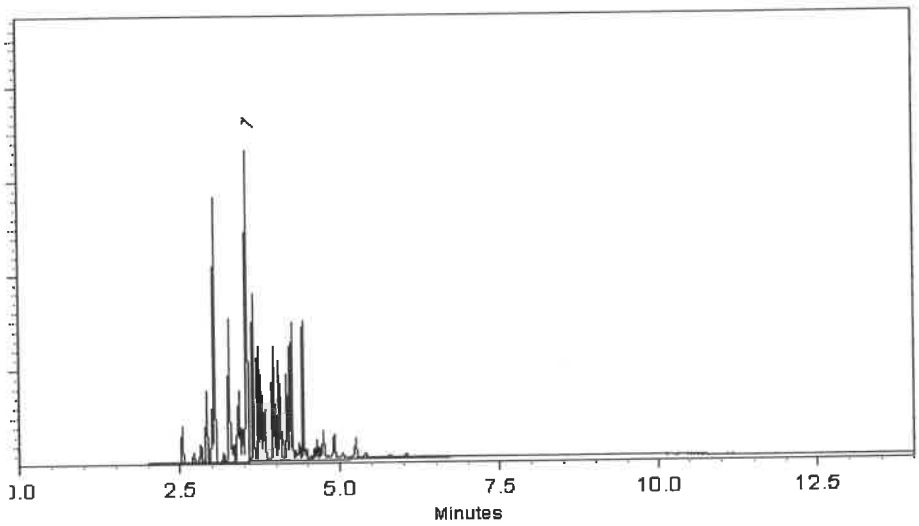
Inj. Temp:
250°C

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.)

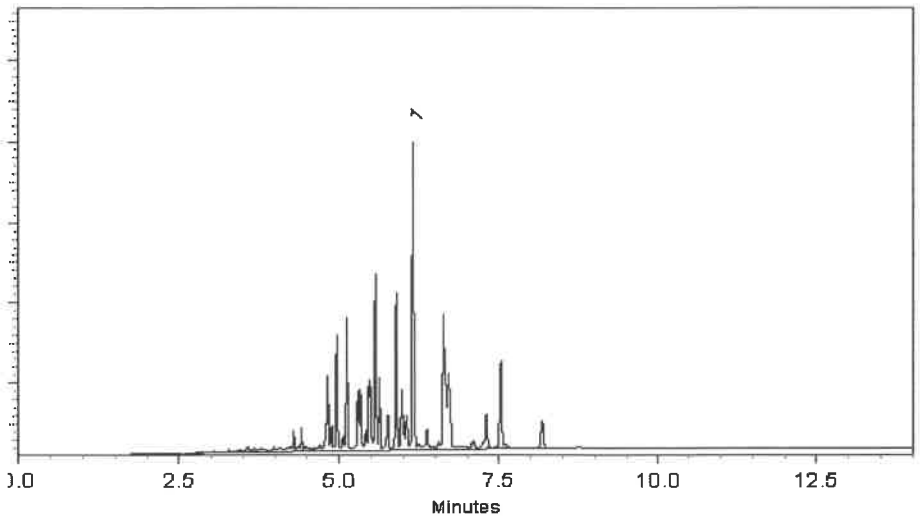
Inj. Temp:
250°C

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.)

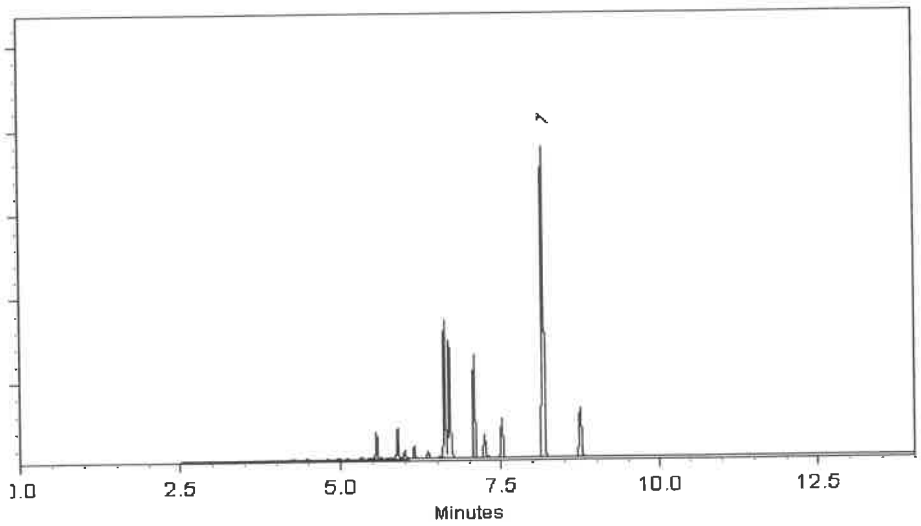
Inj. Temp:
250°C

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. Q3393
QUOTE NO. Q3394
COC Number 2045349

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 132
PROJECT NO.: 60693795 LOCATION: Staten Island
PROJECT MANAGER: Rob Forstner
e-mail: Robert.Forstner@aecom.com
PHONE: 212-377-8721 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#:
ADDRESS: 605 3rd Ave
CITY New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner PHONE: 212-377-8721

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 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☒ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

1: SVOCs; 2: Pesticides; 3: Mercury Metals; 4: PCBs Hexchrome; 5: Dioxin; 6: Grain Size; 7: TOC; 8: VOCs; 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	Method 8	9	COMMENTS
1.	PR132-S10-000022-20251017	S		X	10/17	0945	11	X	X	X	X	X	X	X	X		
2.	PR132-S10-022047-20251017	S		X	10/17	0955	11	X	X	X	X	X	X	X	X		
3.	PR132-S08-013038-20251017	S		X	10/17	0855	11	X	X	X	X	X	X	X	X		
4.	PR132-S06-000021-20251017	S		X	10/17	0800	11	X	X	X	X	X	X	X	X		
5.	Temp Blank	A			10/17		1	X	X	X	X	X			X		
6.	PR132-S08-000013-20251017	S		X	10/17	0845	11	X	X	X	X	X	X	X	X		
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Jim Alderson	10/17/25 4pm	1. 1600 10-17-25
2.		2.
3.	1740 10-17-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.0 °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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3393 AECO02
Client Name : AECOM
Client Contact : Rob Forstner
Invoice Name : AECOM
Invoice Contact : Rob Forstner

Order Date : 10/17/2025 4:23:00 PM
Project Name : AE1-CTY 3.2.Z-PR-DOCK
Receive DateTime : 10/17/2025 ~~12:00:00 AM~~ 17:40
Purchase Order :

Project Mgr :
Report Type : NYS ASP A 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
Q3393-01	PR132-S10-000022-20251017	Solid	10/17/2025	09:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3393-02	PR132-S10-022047-20251017	Solid	10/17/2025	09:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3393-03	PR132-S08-013038-20251017	Solid	10/17/2025	08:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3393-04	PR132-S06-000021-20251017	Solid	10/17/2025	08:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3393-05	PR132-S08-000013-20251017	Solid	10/17/2025	08:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : CP
Date / Time : 10/20/25 1200

Received By :
Date / Time : 10/20/25 1200
Storage Area : VOA Refridgerator Room