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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : RFP 916

WESTON SOLUTIONS, INC.

1090 King Georges Post Road

Suite 201

Edison, NJ - 08837-3703

Phone No: 732-585-4410

ORDER ID : Q3178

ATTENTION : Smita Sumbaly

Laboratory Certification ID # 20012

Table Of Contents for Q3178

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) EME-TS14-01 21

11) Calibration Data Summary 25

- 11.1) Initial Calibration Data 26
  - 11.1.1) PO091525 26
  - 11.1.2) PP092325 245
- 11.2) Continued Calibration Data 464
  - 11.2.1) PO114029.D 464
  - 11.2.2) PO114043.D 476
  - 11.2.3) PP075326.D 488
  - 11.2.4) PP075341.D 500
  - 11.2.5) PP075347.D 512
  - 11.2.6) PP075352.D 524
- 11.3) Analytical Seq 536

12) Compound Detection Summary 540

13) QC Sample Data 543

- 13.1) Method Blank Data 544
- 13.2) PIBLK Data 548
- 13.3) LCS Data 580
- 13.4) MS Data 589
- 13.5) MSD Data 598

14) Manual Integration 607

15) Analytical Runlogs 619
16) Percent Solid 642
17) Extraction Logs 647
17.1) PB169825.pdf 647
17.2) PB169825IC.pdf 649
18) Standard Prep Logs 650
19) Shipping Document 741
19.1) Chain Of Custody 742
19.2) Lab Certificate 743
19.3) Internal COC 744

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

Cover Page

Order ID : Q3178

Project ID : RFP 916

Client : Weston Solutions, Inc.

Lab Sample Number	Client Sample Number
Q3178-01	EME-TS14-01
Q3178-02	EME-TS14-01MS
Q3178-03	EME-TS14-01MSD

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 : APPROVED
By Sohil Jodhani, QA/QC Director at 1:07 pm, Oct 02, 2025

Date: 10/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Weston Solutions, Inc.
Project Name: RFP 916
Project # N/A
Order ID # Q3178
Test Name: PCB

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 09/23/2025.

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate 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 PP075341.D met the requirements except for Decachlorobiphenyl is failing in 2nd column but passing in first column therefore no corrective action taken.

The Continuous Calibration File ID PP075347.D met the requirements except for Decachlorobiphenyl is failing in 2nd column but passing in first 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. Calculation for Concentration in Soil samples:
Concentration ug/Kg (Dry weight basis) = $\frac{(Ax)\ (Vt)\ (DF)\ (GPC)}{(CF)\ (Vi)\ (Ws)\ (D)}$

Where,
Ax = Response (peak area or height) of the compound to be measured.
CF = Mean Calibration Factor from the initial calibration (area/ng).
Vt = Volume of the concentrated extract in uL
Vi = Volume of extract injected (uL). (If a single injection is made onto two columns, use ½ the volume in the syringe as the volume injected onto each column).
Ws = Weight of sample extracted (g).
D = % dry weight or $\frac{100 - \%Moisture}{100}$

GPC = $\frac{Vin}{Vout}$ = GPC factor (If no GPC is performed, GPC=1)
DF = Dilution Factor

G. 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___ **APPROVED**
By Sohil Jodhani, QA/QC Director at 1:08 pm, Oct 02, 2025

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: Q3178 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.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The MS recoveries met the requirements for all compounds. The MSD recoveries met the requirements for all compounds. The Blank Spike met requirements for all compounds. The Blank Spike Duplicate met requirements for all compounds. The RPD were met for all analysis.			
7.	Retention Time Shift Meet Criteria (if applicable)			✓
	Comments:			
8.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

	NA	NO	YES

ADDITIONAL COMMENTS:

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

QA REVIEW

APPROVED
By Sohil Jodhani, QA/QC Director at 1:08 pm, Oct 02, 2025

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3178

	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:** 10/02/2025

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

LAB CHRONICLE

OrderID:	Q3178	**OrderDate:**	9/24/2025 10:59:00 AM
Client:	Weston Solutions, Inc.	**Project:**	RFP 916
Contact:	Smita Sumbaly	**Location:**	J33,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3178-01	**EME-TS14-01**	**SOIL**			**09/23/25**			**09/23/25**
			PCB	8082A		09/25/25	09/25/25	
			EPH	NJEPH		09/25/25	09/26/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3178 **Order ID:** Q3178

Client: Weston Solutions, Inc. **Project ID:** RFP 916

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3178

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO113719.D	PIBLK-PO113719.D	Tetrachloro-m-xyl	1	20	17.0	85		60	140
		Decachlorobiphen	1	20	17.3	86		60	140
		Tetrachloro-m-xyl	2	20	17.0	85		60	140
		Decachlorobiphen	2	20	18.1	91		60	140
I.BLK-PO114033.D	PIBLK-PO114033.D	Tetrachloro-m-xyl	1	20	18.8	94		60	140
		Decachlorobiphen	1	20	16.8	84		60	140
		Tetrachloro-m-xyl	2	20	18.0	90		60	140
		Decachlorobiphen	2	20	18.0	90		60	140
Q3178-01	EME-TS14-01	Tetrachloro-m-xyl	1	20	15.3	76		30	150
		Decachlorobiphen	1	20	7.77	39		30	150
		Tetrachloro-m-xyl	2	20	15.0	75		30	150
		Decachlorobiphen	2	20	8.25	41		30	150
Q3178-02MS	EME-TS14-01MS	Tetrachloro-m-xyl	1	20	17.1	85		32	144
		Decachlorobiphen	1	20	10.6	53		32	175
		Tetrachloro-m-xyl	2	20	16.5	82		32	144
		Decachlorobiphen	2	20	11.5	58		32	175
Q3178-03MSD	EME-TS14-01MSD	Tetrachloro-m-xyl	1	20	17.2	86		32	144
		Decachlorobiphen	1	20	10.7	53		32	175
		Tetrachloro-m-xyl	2	20	16.4	82		32	144
		Decachlorobiphen	2	20	11.7	58		32	175
I.BLK-PO114047.D	PIBLK-PO114047.D	Tetrachloro-m-xyl	1	20	18.5	93		60	140
		Decachlorobiphen	1	20	18.7	94		60	140
		Tetrachloro-m-xyl	2	20	17.9	89		60	140
		Decachlorobiphen	2	20	18.6	93		60	140
I.BLK-PP075246.D	PIBLK-PP075246.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	17.9	90		60	140
		Decachlorobiphen	2	20	20.0	100		60	140
I.BLK-PP075330.D	PIBLK-PP075330.D	Tetrachloro-m-xyl	1	20	19.3	96		60	140
		Decachlorobiphen	1	20	19.3	97		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	20.4	102		60	140
PB169825BL	PB169825BL	Tetrachloro-m-xyl	1	20	22.5	113		32	144
		Decachlorobiphen	1	20	22.1	111		32	175
		Tetrachloro-m-xyl	2	20	19.8	99		32	144
		Decachlorobiphen	2	20	24.4	122		32	175
I.BLK-PP075345.D	PIBLK-PP075345.D	Tetrachloro-m-xyl	1	20	19.4	97		60	140
		Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	16.7	83		60	140
		Decachlorobiphen	2	20	20.4	102		60	140
I.BLK-PP075348.D	PIBLK-PP075348.D	Tetrachloro-m-xyl	1	20	22.0	110		60	140

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

Surrogate Summary

SDG No.: Q3178

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP075348.D	PIBLK-PP075348.D	Decachlorobiphen	1	20	21.9	109		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	22.9	114		60	140
PB169825BS	PB169825BS	Tetrachloro-m-xyl	1	20	15.1	76		32	144
		Decachlorobiphen	1	20	14.4	72		32	175
		Tetrachloro-m-xyl	2	20	9.85	49		32	144
		Decachlorobiphen	2	20	14.8	74		32	175
I.BLK-PP075356.D	PIBLK-PP075356.D	Tetrachloro-m-xyl	1	20	19.6	98		60	140
		Decachlorobiphen	1	20	19.9	99		60	140
		Tetrachloro-m-xyl	2	20	16.9	85		60	140
		Decachlorobiphen	2	20	20.9	104		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.: Q3178 **Analytical Method:** 8082A

Client: Weston Solutions, Inc. **DataFile :** PO114038.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3178-02MS (Column 1)**	**Client Sample ID:**		**EME-TS14-01MS**								
	AR1016	233	0	264	ug/kg	113				55	146	
	AR1260	233	0	225	ug/kg	97				54	119	
Lab Sample ID:	**Q3178-02MS (Column 2)**	**Client Sample ID:**		**EME-TS14-01MS**								
	AR1016	233	0	253	ug/kg	109				55	146	
	AR1260	233	0	201	ug/kg	86				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.: Q3178 **Analytical Method:** 8082A

Client: Weston Solutions, Inc. **DataFile :** PO114039.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3178-03MSD (Column 1)**	**Client Sample ID:**		**EME-TS14-01MSD**								
	AR1016	232.9	0	266	ug/kg	114		1		55	146	15
	AR1260	232.9	0	226	ug/kg	97		0		54	119	15
Lab Sample ID:	**Q3178-03MSD (Column 2)**	**Client Sample ID:**		**EME-TS14-01MSD**								
	AR1016	232.9	0	254	ug/kg	109		0		55	146	15
	AR1260	232.9	0	202	ug/kg	87		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.: Q3178 **Analytical Method:** 8082A

Client: Weston Solutions, Inc. **Datafile :** PP075349.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169825BS (Column 1)	AR1016	166.5	138	ug/kg	83				71	120	
	AR1260	166.5	147	ug/kg	88				65	130	
PB169825BS (Column 2)	AR1016	166.5	141	ug/kg	85				71	120	
	AR1260	166.5	142	ug/kg	85				65	130	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169825BL

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG NO.: Q3178

Lab Sample ID: PB169825BL | Lab File ID: PP075339.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 09/25/2025

Date Analyzed (1): 09/25/2025 | Date Analyzed (2): 09/25/2025

Time Analyzed (1): 18:51 | Time Analyzed (2): 18:51

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
EME-TS14-01	Q3178-01	PO114037.D	09/25/2025	09/25/2025
EME-TS14-01MS	Q3178-02MS	PO114038.D	09/25/2025	09/25/2025
EME-TS14-01MSD	Q3178-03MSD	PO114039.D	09/25/2025	09/25/2025
PB169825BS	PB169825BS	PP075349.D	09/26/2025	09/26/2025

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:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01	SDG No.:	Q3178
Lab Sample ID:	Q3178-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	71.4 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114037.D	1	09/25/25 08:50	09/25/25 17:37	PB169825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.50	U	5.50	23.8	ug/kg
11104-28-2	Aroclor-1221	5.60	U	5.60	23.8	ug/kg
11141-16-5	Aroclor-1232	5.20	U	5.20	23.8	ug/kg
53469-21-9	Aroclor-1242	5.60	U	5.60	23.8	ug/kg
12672-29-6	Aroclor-1248	8.30	U	8.30	23.8	ug/kg
11097-69-1	Aroclor-1254	4.50	U	4.50	23.8	ug/kg
37324-23-5	Aroclor-1262	7.00	U	7.00	23.8	ug/kg
11100-14-4	Aroclor-1268	5.00	U	5.00	23.8	ug/kg
11096-82-5	Aroclor-1260	4.50	U	4.50	23.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.3		32 - 144	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.25		32 - 175	41%	SPK: 20

Comments:

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\PO092525\
Data File : PO114037.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 17:37
Operator : YP/AJ
Sample : Q3178-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 02:37:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.657	3.650	134.9E6	80037823	15.291	14.986
2)	SA Decachlor...	8.665	8.613	51981512	17233284	7.770	8.254
	Target Compounds						

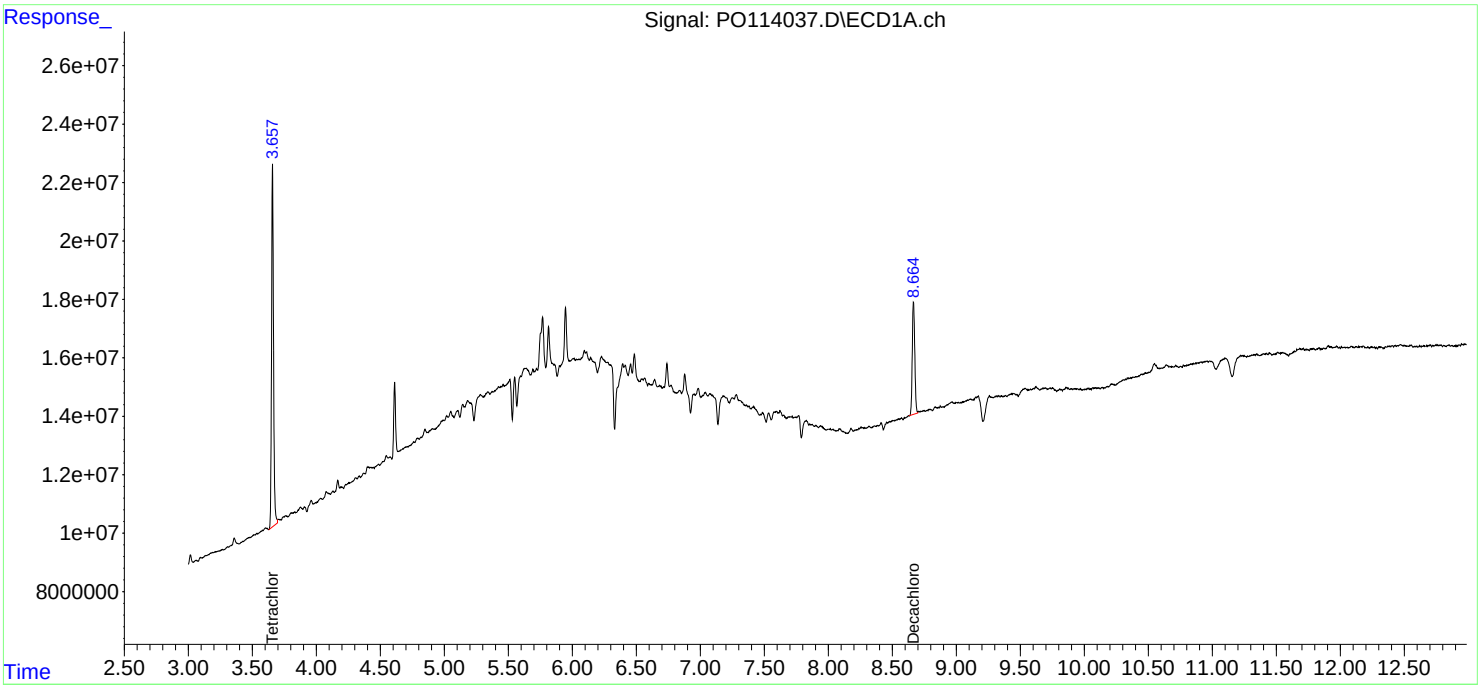
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

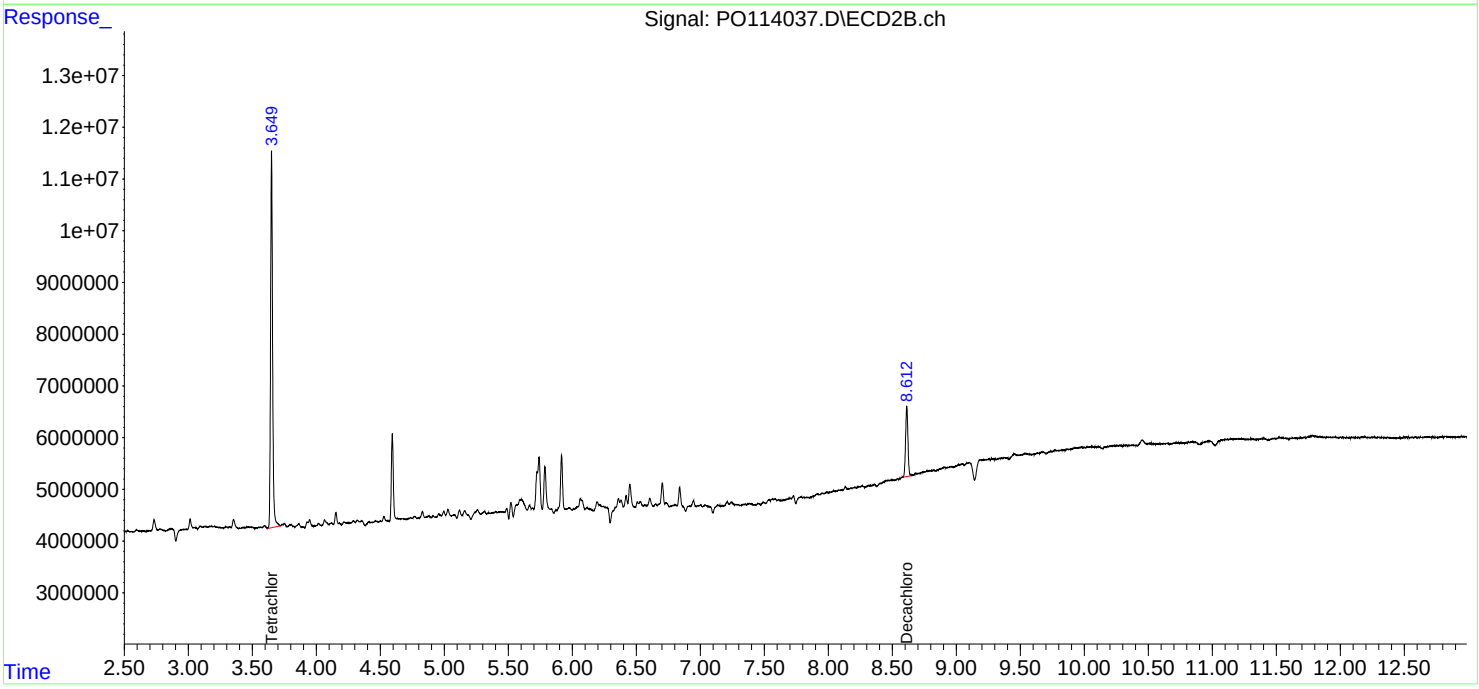
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092525\
Data File : PO114037.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 17:37
Operator : YP/AJ
Sample : Q3178-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

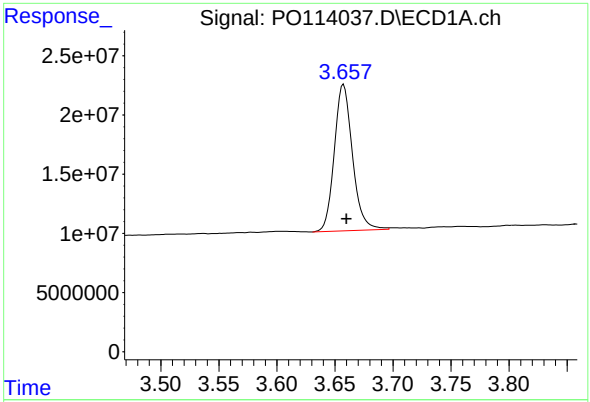
Instrument :
ECD_O
ClientSampleId :
EME-TS14-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 02:37:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



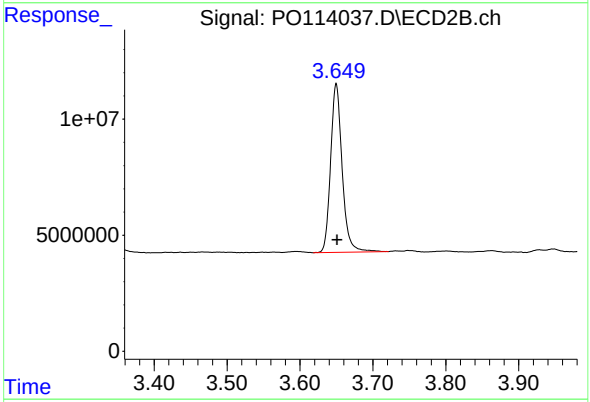




#1 Tetrachloro-m-xylene

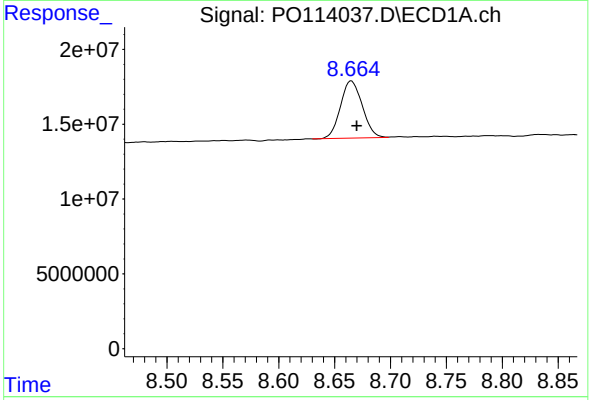
R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 134860581
Conc: 15.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01



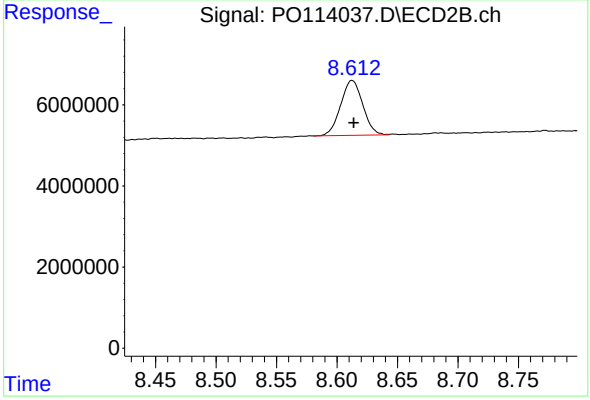
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 80037823
Conc: 14.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.665 min
Delta R.T.: -0.005 min
Response: 51981512
Conc: 7.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.613 min
Delta R.T.: -0.001 min
Response: 17233284
Conc: 8.25 ng/ml

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_O **Calibration Date(s):** 09/15/2025 09/15/2025

Calibration Times: 09:34 19:21

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

LAB FILE ID: RT 1000 = PO113720.D RT 750 = PO113721.D

RT 500 = PO113722.D RT 250 = PO113723.D RT 050 = PO113724.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)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1016-4	(4)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
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)	6.42	6.42	6.42	6.42	6.42	6.42	6.32	6.52
Aroclor-1260-3	(3)	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Aroclor-1260-4	(4)	7.04	7.04	7.04	7.04	7.04	7.04	6.94	7.14
Aroclor-1260-5	(5)	7.29	7.29	7.29	7.29	7.29	7.29	7.19	7.39
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)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1242-4	(4)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-5	(5)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
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)	4.75	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)	5.20	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1248-4	(4)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1248-5	(5)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
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)	5.55	5.54	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1254-2	(2)	5.70	5.69	5.70	5.69	5.70	5.69	5.59	5.79
Aroclor-1254-3	(3)	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aroclor-1254-4	(4)	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Aroclor-1254-5	(5)	6.75	6.74	6.75	6.74	6.75	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)	7.57	7.57	7.57	7.57	7.57	7.57	7.47	7.67
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)	8.13	8.13	8.13	8.13	8.13	8.13	8.03	8.23
Aroclor-1268-5	(5)	8.42	8.42	8.42	8.42	8.42	8.42	8.32	8.52

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_O **Calibration Date(s):** 09/15/2025 09/15/2025

Calibration Times: 09:34 19:21

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

LAB FILE ID: RT 1000 = PO113720.D RT 750 = PO113721.D

RT 500 = PO113722.D RT 250 = PO113723.D RT 050 = PO113724.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.72	4.72	4.72	4.72	4.72	4.72	4.62	4.82
Aroclor-1016-2	(2)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.91	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1260-1	(1)	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
Aroclor-1260-2	(2)	6.38	6.38	6.38	6.38	6.38	6.38	6.28	6.48
Aroclor-1260-3	(3)	6.54	6.54	6.54	6.54	6.53	6.54	6.44	6.64
Aroclor-1260-4	(4)	7.00	7.00	7.00	7.00	7.00	7.00	6.90	7.10
Aroclor-1260-5	(5)	7.25	7.25	7.25	7.25	7.25	7.25	7.15	7.35
Decachlorobiphenyl		8.61	8.62	8.61	8.62	8.62	8.62	8.52	8.72
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1242-1	(1)	4.72	4.72	4.72	4.72	4.72	4.72	4.62	4.82
Aroclor-1242-2	(2)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.91	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1242-5	(5)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Decachlorobiphenyl		8.62	8.62	8.62	8.62	8.62	8.62	8.52	8.72
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1248-1	(1)	4.72	4.72	4.72	4.72	4.72	4.72	4.62	4.82
Aroclor-1248-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1248-3	(3)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-4	(4)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1248-5	(5)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Decachlorobiphenyl		8.62	8.62	8.61	8.62	8.62	8.62	8.52	8.72
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1254-1	(1)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1254-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1254-4	(4)	6.29	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1254-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		8.62	8.61	8.62	8.61	8.62	8.62	8.52	8.72
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1268-1	(1)	7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Aroclor-1268-2	(2)	7.59	7.59	7.59	7.59	7.59	7.59	7.49	7.69
Aroclor-1268-3	(3)	7.80	7.79	7.79	7.79	7.79	7.79	7.69	7.89
Aroclor-1268-4	(4)	8.08	8.08	8.08	8.08	8.08	8.08	7.98	8.18
Aroclor-1268-5	(5)	8.37	8.37	8.37	8.37	8.37	8.37	8.27	8.47

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.62	8.61	8.61	8.62	8.61	8.62	8.52	8.72
Tetrachloro-m-xylene	3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75

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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_O **Calibration Date(s):** 09/15/2025 09/15/2025

Calibration Times: 09:34 19:21

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

LAB FILE ID: **CF 1000 =** PO113720.D **CF 750 =** PO113721.D

CF 500 = PO113722.D **CF 250 =** PO113723.D **CF 050 =** PO113724.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	279831097	287472752	292257338	332268632	325738980	303513760	8
Aroclor-1016-2	(2)	419615441	429789385	439630440	492863176	493423100	455064308	8
Aroclor-1016-3	(3)	264606829	274358713	282734982	335166652	339181720	299209779	12
Aroclor-1016-4	(4)	220679515	227430096	236573942	251207960	266000940	240378491	8
Aroclor-1016-5	(5)	221161183	229729939	240498310	258108880	251005100	240100682	6
Aroclor-1260-1	(1)	451552761	471491176	474059886	507788164	546116300	490201657	8
Aroclor-1260-2	(2)	696304563	729550533	748950352	813407288	840985420	765839631	8
Aroclor-1260-3	(3)	574976216	607269133	635434940	723540836	822837840	672811793	15
Aroclor-1260-4	(4)	393925161	402138616	416474848	460301232	490840000	432735971	10
Aroclor-1260-5	(5)	1123652016	1096405636	1111782554	1193531308	1138663840	1132807071	3
Decachlorobiphenyl		6329905650	6344624080	6521704980	7067879800	7187292000	6690281302	6
Tetrachloro-m-xylene		8408389270	8593125013	8709615100	9391670440	8995637600	8819687485	4
Aroclor-1242-1	(1)	238599676	240720349	228247758	257159088	146270660	222199506	20
Aroclor-1242-2	(2)	362617467	360722704	342353350	393496496	221429160	336123835	20
Aroclor-1242-3	(3)	227891791	227998801	217213648	247566408	154288520	214991834	17
Aroclor-1242-4	(4)	185677557	186112447	176530238	202181048	124089440	174918146	17
Aroclor-1242-5	(5)	203750446	205780253	194932678	234457364	207956060	209375360	7
Decachlorobiphenyl		6625063440	6674671280	6788602460	7173491920	4387615000	6329888820	17
Tetrachloro-m-xylene		8568753780	8503816840	8003156340	9089751000	5283727200	7889841032	19
Aroclor-1248-1	(1)	175951880	180949771	185151304	187344088	171954220	180270253	4
Aroclor-1248-2	(2)	241204409	248355665	250410428	264222632	211901240	243218875	8
Aroclor-1248-3	(3)	311971277	319675973	325795004	350237008	314744160	324484684	5
Aroclor-1248-4	(4)	478786582	491838525	498712610	536762996	495510440	500322231	4
Aroclor-1248-5	(5)	326343326	337739332	340979574	367185960	318715000	338192638	5
Decachlorobiphenyl		6906923760	6991953907	7181732520	7612820120	5681727800	6875031621	10
Tetrachloro-m-xylene		8281619260	8465620507	8425382600	8733430400	6417874600	8064785473	12
Aroclor-1254-1	(1)	525265407	536188556	564134008	621264868	479241140	545218796	10
Aroclor-1254-2	(2)	478176368	488478569	519631638	583021712	472883720	508438401	9
Aroclor-1254-3	(3)	746637997	760372989	800603668	890308500	712603920	782105415	9
Aroclor-1254-4	(4)	554979056	565283144	587994066	646517864	379494280	546853682	18
Aroclor-1254-5	(5)	718134746	733343003	760419284	795296128	714490520	744336736	5
Decachlorobiphenyl		7203849800	7364098027	7605167340	8057726000	6076737800	7261515793	10
Tetrachloro-m-xylene		8326407670	8484622733	8619663240	9079782920	6520976600	8206290633	12
Aroclor-1268-1	(1)	1758947774	1709816927	1785772362	1945135008	1654311040	1770796622	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)	1483041115	1450283463	1507897996	1638884712	1362761360	1488573729	7
Aroclor-1268-3	(3)	1211444046	1190914560	1240719650	1354691068	1116147840	1222783433	7
Aroclor-1268-4	(4)	446305248	439383757	459862146	499372456	429000100	454784741	6
Aroclor-1268-5	(5)	3222969842	3094367483	3187698556	3417074196	2682918220	3121005659	9
Decachlorobiphenyl		13813421760	13413455987	13885344600	15047923920	11999959200	13632021093	8
Tetrachloro-m-xylene		8650489570	8416864440	8733056840	9508670200	6744065200	8410629250	12

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROYF02
SDG NO.: Q3178
Calibration Date(s): 09/15/2025 09/15/2025
Calibration Times: 09:34 19:21

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

LAB FILE ID: CF 1000 = PO113720.D CF 750 = PO113721.D
CF 500 = PO113722.D CF 250 = PO113723.D CF 050 = PO113724.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	161194959	167555515	172213236	197943584	212300180	182241495	12
Aroclor-1016-2	(2)	247660649	254215127	266109690	295452504	320788840	276845362	11
Aroclor-1016-3	(3)	132478875	137775607	144079418	158682380	173701980	149343652	11
Aroclor-1016-4	(4)	104213080	109199812	115770016	129547460	144816260	120709326	14
Aroclor-1016-5	(5)	131110272	137976827	144614834	165292304	171336360	150066119	12
Aroclor-1260-1	(1)	220737147	228186052	237294134	270069216	300160800	251289470	13
Aroclor-1260-2	(2)	290821079	295868247	313059866	353160924	400129960	330608015	14
Aroclor-1260-3	(3)	243248258	249887552	265854760	308918420	333877760	280357350	14
Aroclor-1260-4	(4)	166358067	173783024	182499490	209711196	223704380	191211231	13
Aroclor-1260-5	(5)	376721298	381888356	400424476	450051720	519309860	425679142	14
Decachlorobiphenyl		1971088000	1990798747	2046674720	2250657920	2179534400	2087750757	6
Tetrachloro-m-xylene		5023699930	5127536973	5213659900	5649531080	5690644400	5341014457	6
Aroclor-1242-1	(1)	140070279	141394544	137879020	161129568	101738300	136442342	16
Aroclor-1242-2	(2)	212507654	216303512	209728396	243981540	153746360	207253492	16
Aroclor-1242-3	(3)	114358137	116433633	116071012	134530132	98664540	116011491	11
Aroclor-1242-4	(4)	108951291	110656661	111486918	130110352	113781160	114997276	8
Aroclor-1242-5	(5)	137204941	140225116	141656710	164146076	126006440	141847857	10
Decachlorobiphenyl		2013236400	2036818507	2055399480	2187990440	1370225400	1932734045	17
Tetrachloro-m-xylene		5081963720	5070567053	4816444880	5487100000	3160127800	4723240691	19
Aroclor-1248-1	(1)	104656676	109107384	112539406	121726504	98599380	109325870	8
Aroclor-1248-2	(2)	146373463	152254041	158543364	175696640	155007980	157575098	7
Aroclor-1248-3	(3)	155110693	160619584	167536538	186260212	165045720	166914549	7
Aroclor-1248-4	(4)	182007971	188031200	194979064	215245372	191166620	194286045	7
Aroclor-1248-5	(5)	185591629	190752652	199422540	222580060	215555020	202780380	8
Decachlorobiphenyl		2031704490	2074468760	2119835620	2240995600	1660075400	2025415974	11
Tetrachloro-m-xylene		4917523020	5005006120	5026178760	5438510280	4106940200	4898831676	10
Aroclor-1254-1	(1)	279563251	289274152	304362018	339134132	299656300	302397971	7
Aroclor-1254-2	(2)	241241488	250685427	264723600	295034360	268710580	264079091	8
Aroclor-1254-3	(3)	370644030	380249351	395058822	433239944	357396100	387317649	8
Aroclor-1254-4	(4)	235623256	242545119	253069482	278102248	177620780	237392177	16
Aroclor-1254-5	(5)	290238808	298084172	311869266	340236600	294431680	306972105	7
Decachlorobiphenyl		2023494990	2074021307	2154035320	2293253640	1745979000	2058156851	10
Tetrachloro-m-xylene		4906596160	4990801373	5101889120	5432554640	4242824600	4934933179	9
Aroclor-1268-1	(1)	463812746	461069815	484852436	552413272	478530480	488135750	8

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	382551151	381395492	400241488	450975464	376701220	398372963	8
Aroclor-1268-3	(3)	309516041	307584487	322365468	361316928	330962760	326349137	7
Aroclor-1268-4	(4)	126169269	122567489	128850366	141798540	114523000	126781733	8
Aroclor-1268-5	(5)	880606144	856364473	894951184	981182000	782994000	879219560	8
Decachlorobiphenyl		3812230710	3735660987	3912512580	4347451840	3518286000	3865228423	8
Tetrachloro-m-xylene		5092073170	4970547720	5151696080	5694720080	4205757800	5022958970	11

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_O **Date(s) Analyzed:** 09/15/2025 09/15/2025

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	3.87	3.77	3.97	96855600
		2	3.96	3.86	4.06	71896200
		3	4.03	3.93	4.13	236858000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.03	3.93	4.13	175075000
		2	4.52	4.42	4.62	95953000
		3	4.76	4.66	4.86	197025000
		4	4.94	4.84	5.04	98735000
		5	4.98	4.88	5.08	65259600
Aroclor-1262	500	1	6.78	6.68	6.88	992416000
		2	7.29	7.19	7.39	1584210000
		3	7.57	7.47	7.67	559174000
		4	7.63	7.53	7.73	1000210000
		5	8.13	8.03	8.23	399122000

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_O **Date(s) Analyzed:** 09/15/2025 09/15/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.86	3.76	3.96	67679000
		2	3.94	3.84	4.04	50962200
		3	4.02	3.92	4.12	156597000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	118402000
		2	4.74	4.64	4.84	122831000
		3	4.91	4.81	5.01	66545800
		4	5.00	4.90	5.10	58641000
		5	5.17	5.07	5.27	61534600
Aroclor-1262	500	1	6.75	6.65	6.85	366152000
		2	7.25	7.15	7.35	456612000
		3	7.53	7.43	7.63	174199000
		4	7.59	7.49	7.69	278024000
		5	8.08	7.98	8.18	113685000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 09:34
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: Sep 15 11:09:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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...	3.659	3.651	840.8E6	502.4E6	98.240	98.144
2)	SA Decachlor...	8.670	8.614	633.0E6	197.1E6	98.508	98.119
	Target Compounds						
3)	L1 AR-1016-1	4.742	4.723	279.8E6	161.2E6	978.279	966.953
4)	L1 AR-1016-2	4.760	4.740	419.6E6	247.7E6	976.706	964.091
5)	L1 AR-1016-3	4.818	4.915	264.6E6	132.5E6	966.880	958.054
6)	L1 AR-1016-4	4.937	4.958	220.7E6	104.2E6	965.239	947.464
7)	L1 AR-1016-5	5.193	5.170	221.2E6	131.1E6	958.114	951.022
31)	L7 AR-1260-1	6.228	6.196	451.6E6	220.7E6	975.684	963.852
32)	L7 AR-1260-2	6.418	6.384	696.3E6	290.8E6	963.573	963.174
33)	L7 AR-1260-3	6.783	6.535	575.0E6	243.2E6	950.051	955.595
34)	L7 AR-1260-4	7.041	7.003	393.9E6	166.4E6	972.175	953.731
35)	L7 AR-1260-5	7.285	7.246	1123.7E6	376.7E6	1005.310	969.500

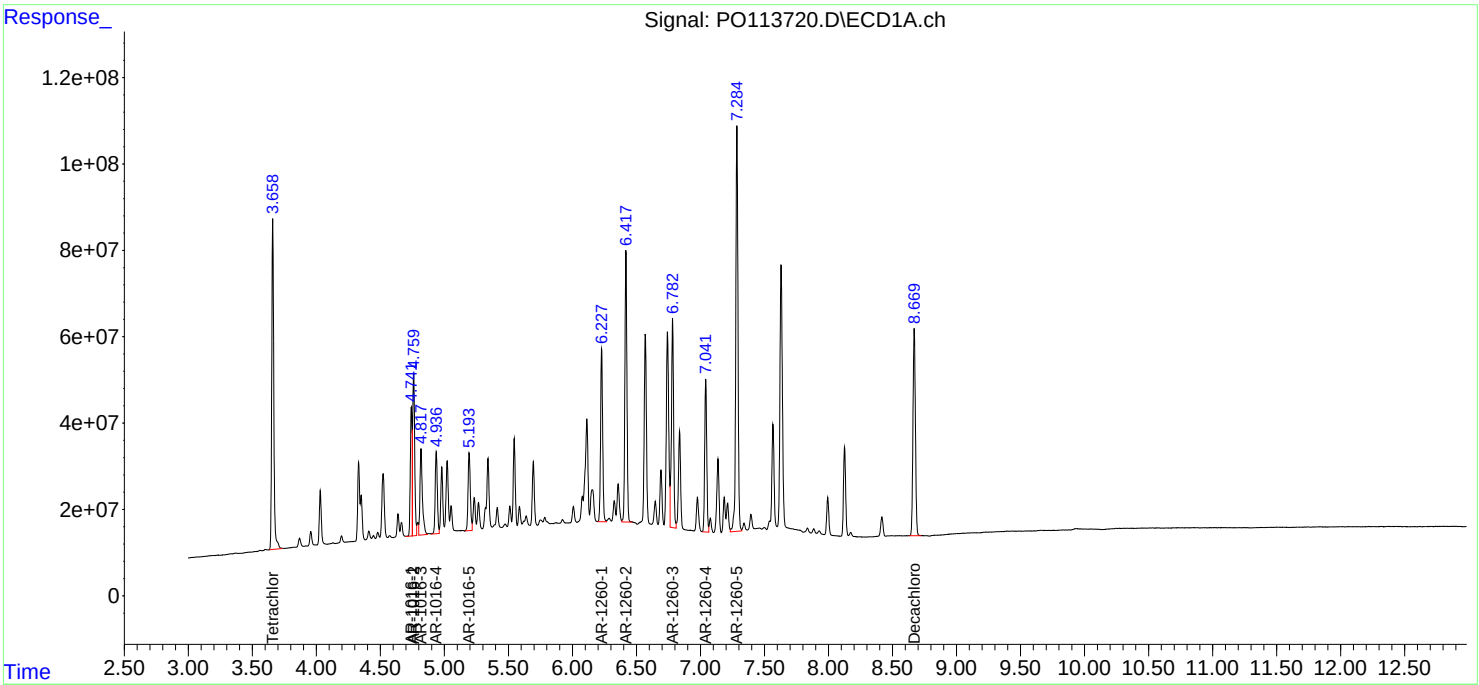
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

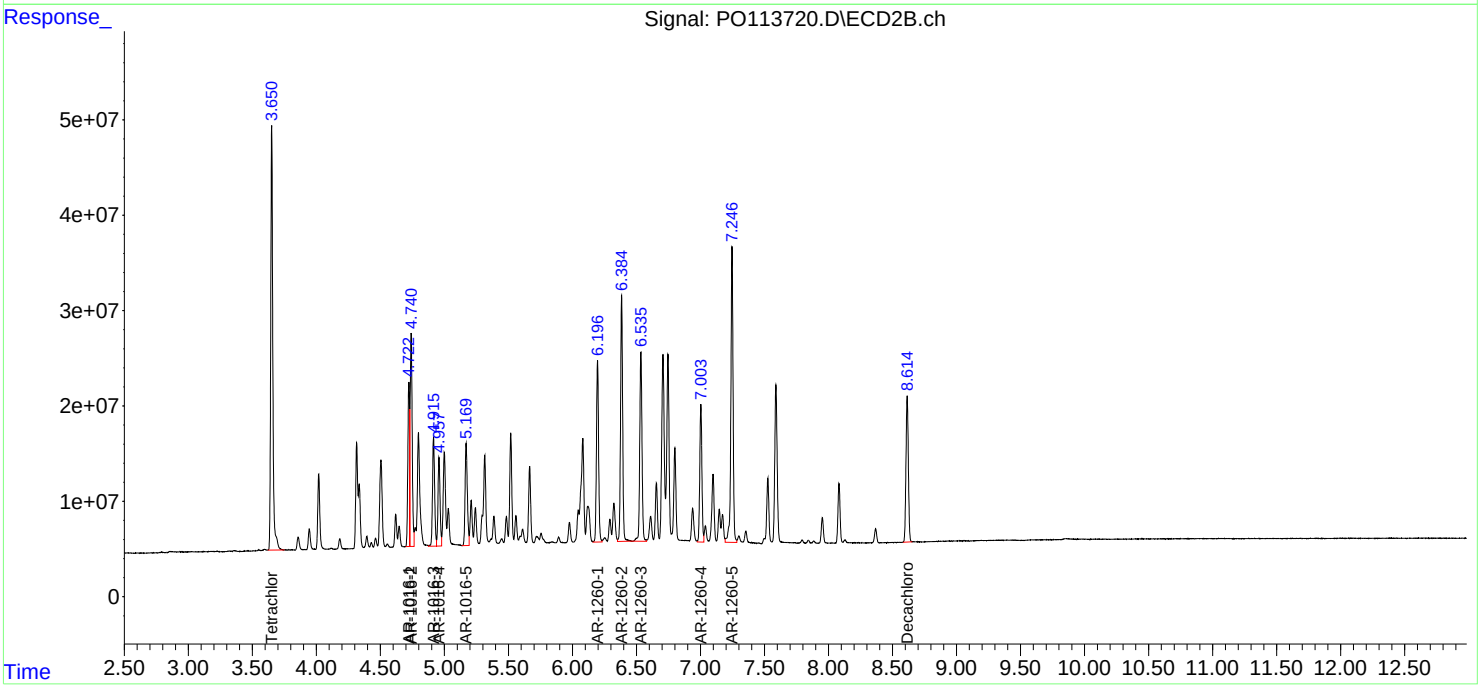
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 09:34
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

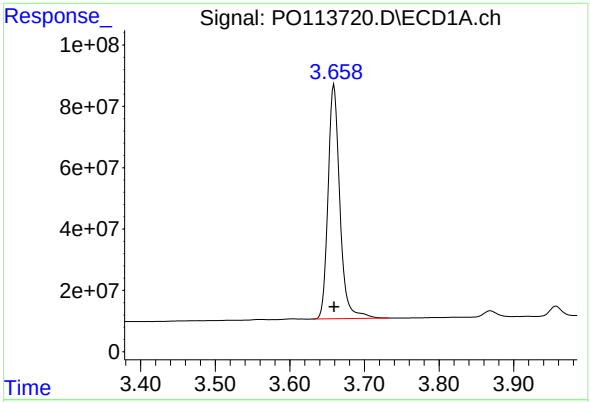
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:09:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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



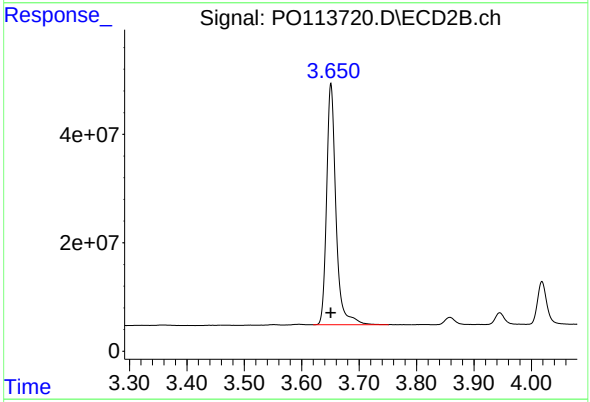




#1 Tetrachloro-m-xylene

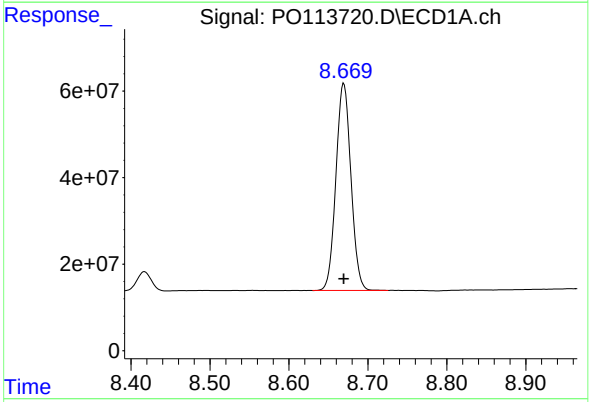
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 840838927
Conc: 98.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



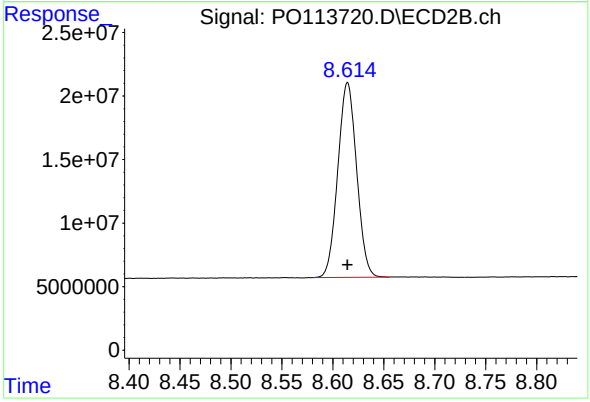
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 502369993
Conc: 98.14 ng/ml



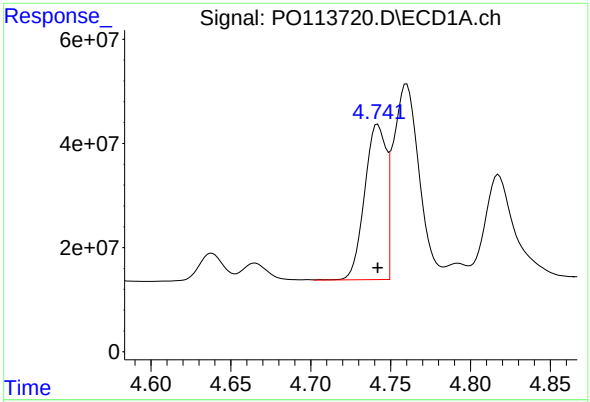
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 632990565
Conc: 98.51 ng/ml



#2 Decachlorobiphenyl

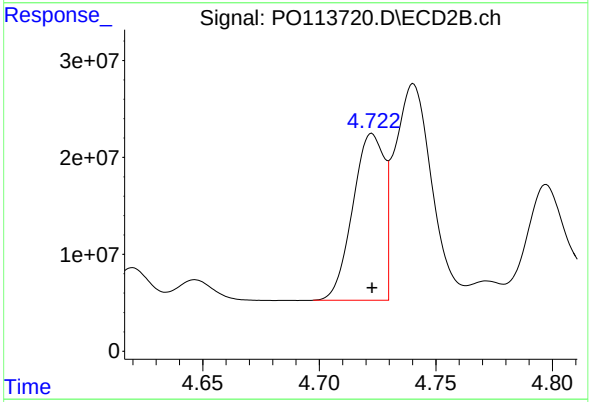
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 197108800
Conc: 98.12 ng/ml



#3 AR-1016-1

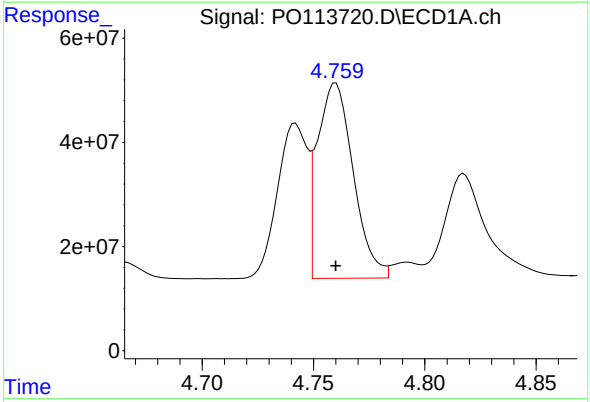
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 279831097
Conc: 978.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



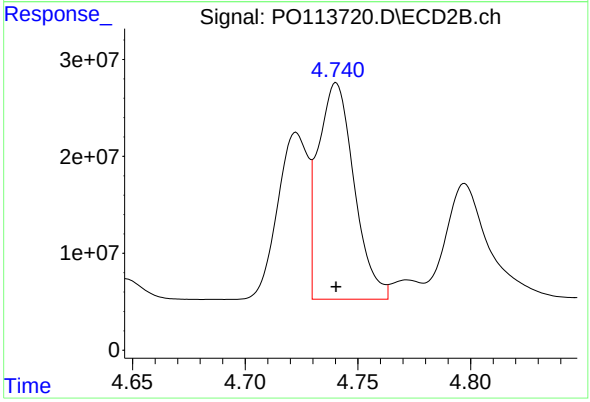
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 161194959
Conc: 966.95 ng/ml



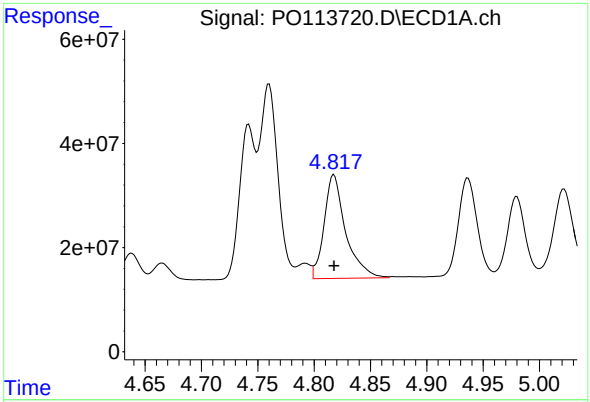
#4 AR-1016-2

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 419615441
Conc: 976.71 ng/ml



#4 AR-1016-2

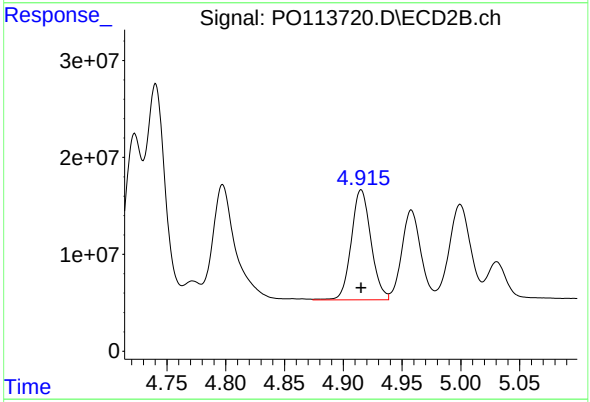
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 247660649
Conc: 964.09 ng/ml



#5 AR-1016-3

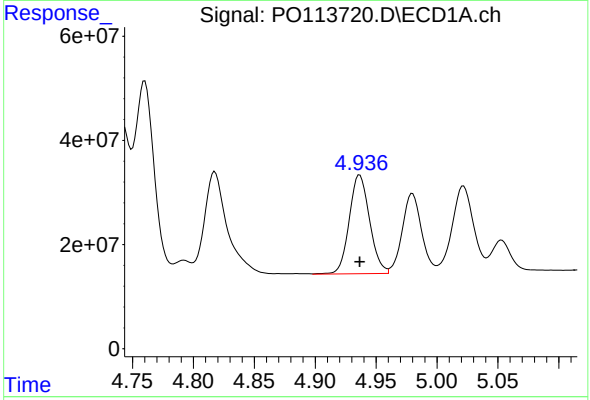
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 264606829
Conc: 966.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



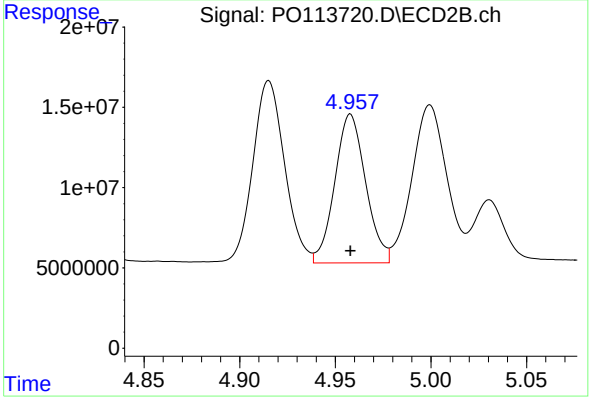
#5 AR-1016-3

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 132478875
Conc: 958.05 ng/ml



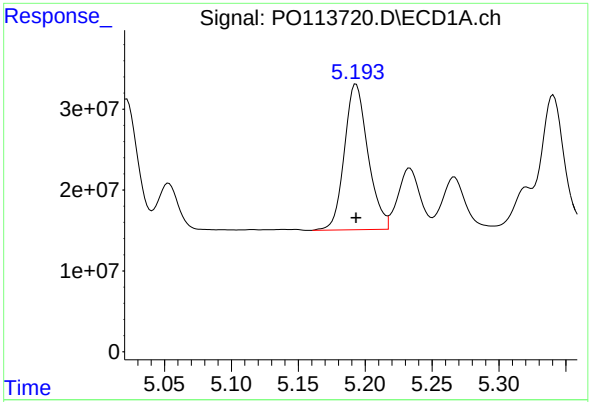
#6 AR-1016-4

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 220679515
Conc: 965.24 ng/ml



#6 AR-1016-4

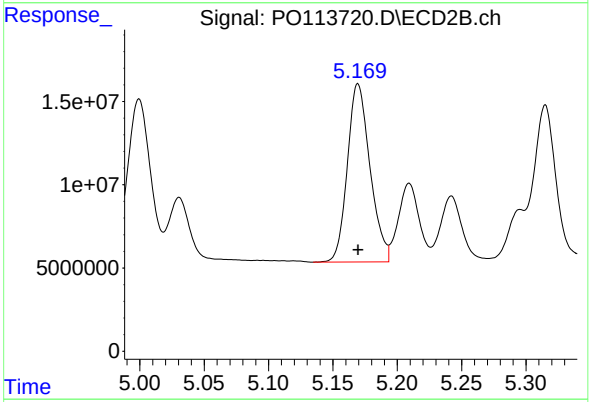
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 104213080
Conc: 947.46 ng/ml



#7 AR-1016-5

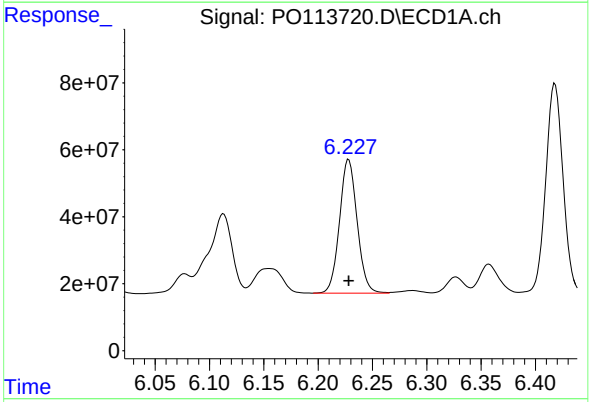
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 221161183
Conc: 958.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



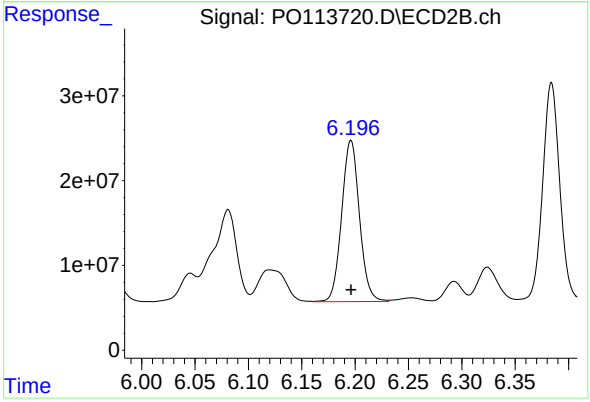
#7 AR-1016-5

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 131110272
Conc: 951.02 ng/ml



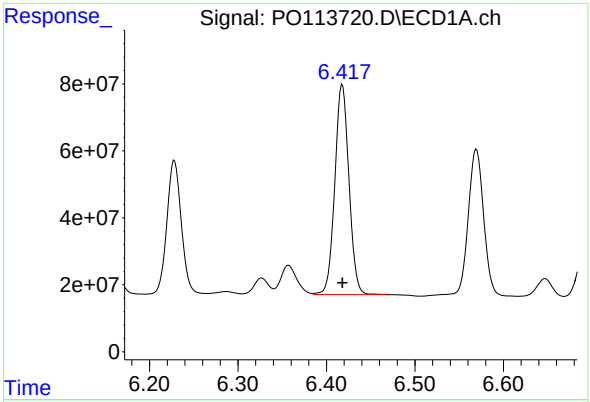
#31 AR-1260-1

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 451552761
Conc: 975.68 ng/ml



#31 AR-1260-1

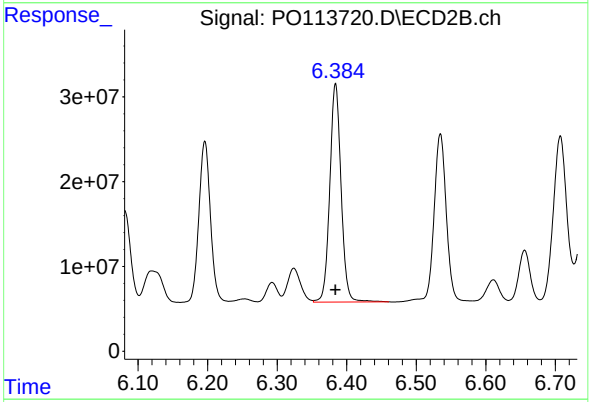
R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 220737147
Conc: 963.85 ng/ml



#32 AR-1260-2

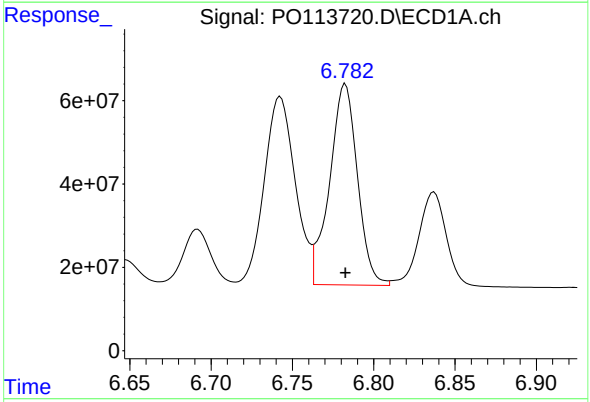
R.T.: 6.418 min
Delta R.T.: 0.000 min
Response: 696304563
Conc: 963.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



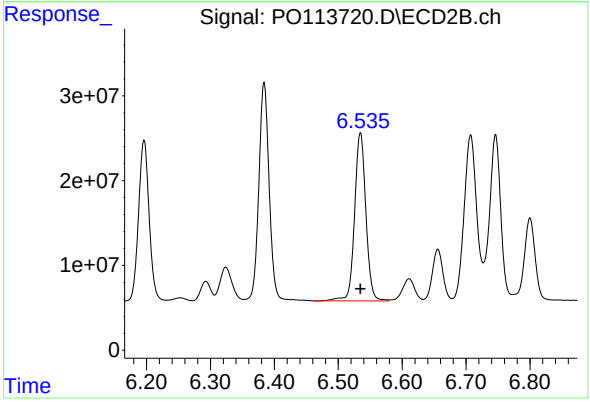
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 290821079
Conc: 963.17 ng/ml



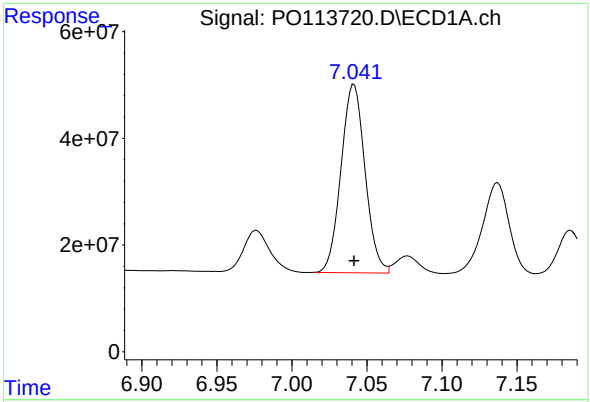
#33 AR-1260-3

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 574976216
Conc: 950.05 ng/ml



#33 AR-1260-3

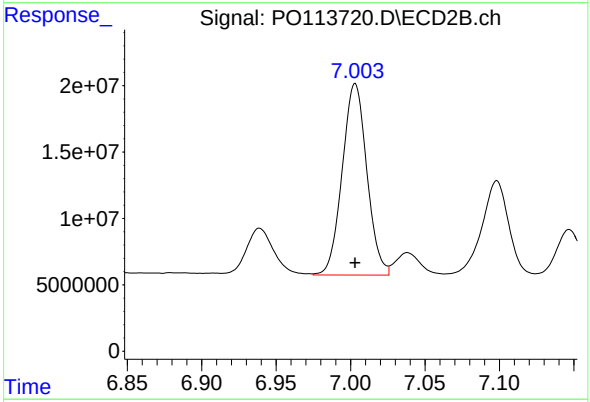
R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 243248258
Conc: 955.60 ng/ml



#34 AR-1260-4

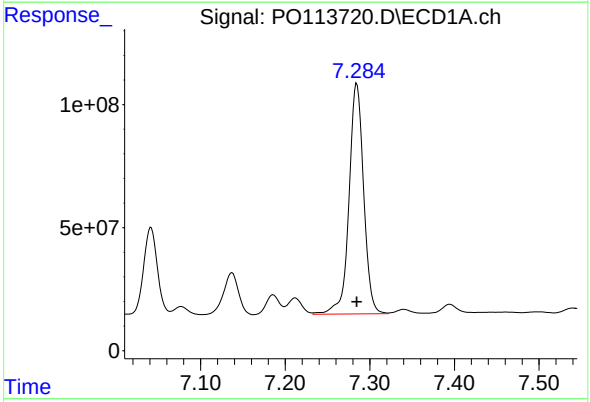
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 393925161
Conc: 972.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



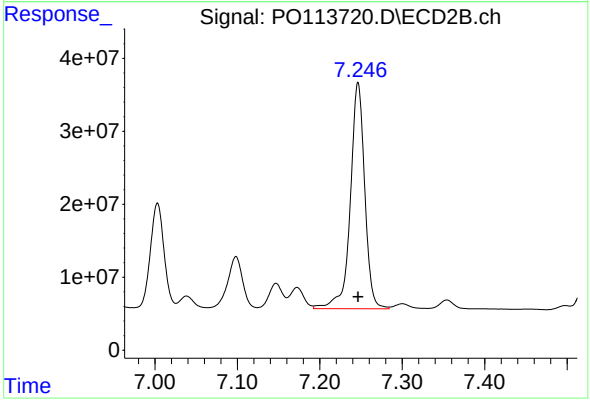
#34 AR-1260-4

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 166358067
Conc: 953.73 ng/ml



#35 AR-1260-5

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 1123652016
Conc: 1005.31 ng/ml



#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 376721298
Conc: 969.50 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113721.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 09:53
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: Sep 15 11:11:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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...	3.660	3.651	644.5E6	384.6E6	75.199	75.086
2)	SA Decachlor...	8.670	8.615	475.8E6	149.3E6	74.366	74.549
	Target Compounds						
3)	L1 AR-1016-1	4.743	4.723	215.6E6	125.7E6	752.493	752.549
4)	L1 AR-1016-2	4.761	4.740	322.3E6	190.7E6	750.194	744.785
5)	L1 AR-1016-3	4.818	4.915	205.8E6	103.3E6	751.256	748.177
6)	L1 AR-1016-4	4.937	4.958	170.6E6	81899859	747.378	746.392
7)	L1 AR-1016-5	5.193	5.170	172.3E6	103.5E6	747.614	750.414
31)	L7 AR-1260-1	6.229	6.196	353.6E6	171.1E6	759.324	748.187
32)	L7 AR-1260-2	6.418	6.384	547.2E6	221.9E6	754.775	739.877
33)	L7 AR-1260-3	6.783	6.535	455.5E6	187.4E6	751.703	740.783
34)	L7 AR-1260-4	7.042	7.003	301.6E6	130.3E6	746.213	748.147
35)	L7 AR-1260-5	7.286	7.246	822.3E6	286.4E6	740.405	741.349

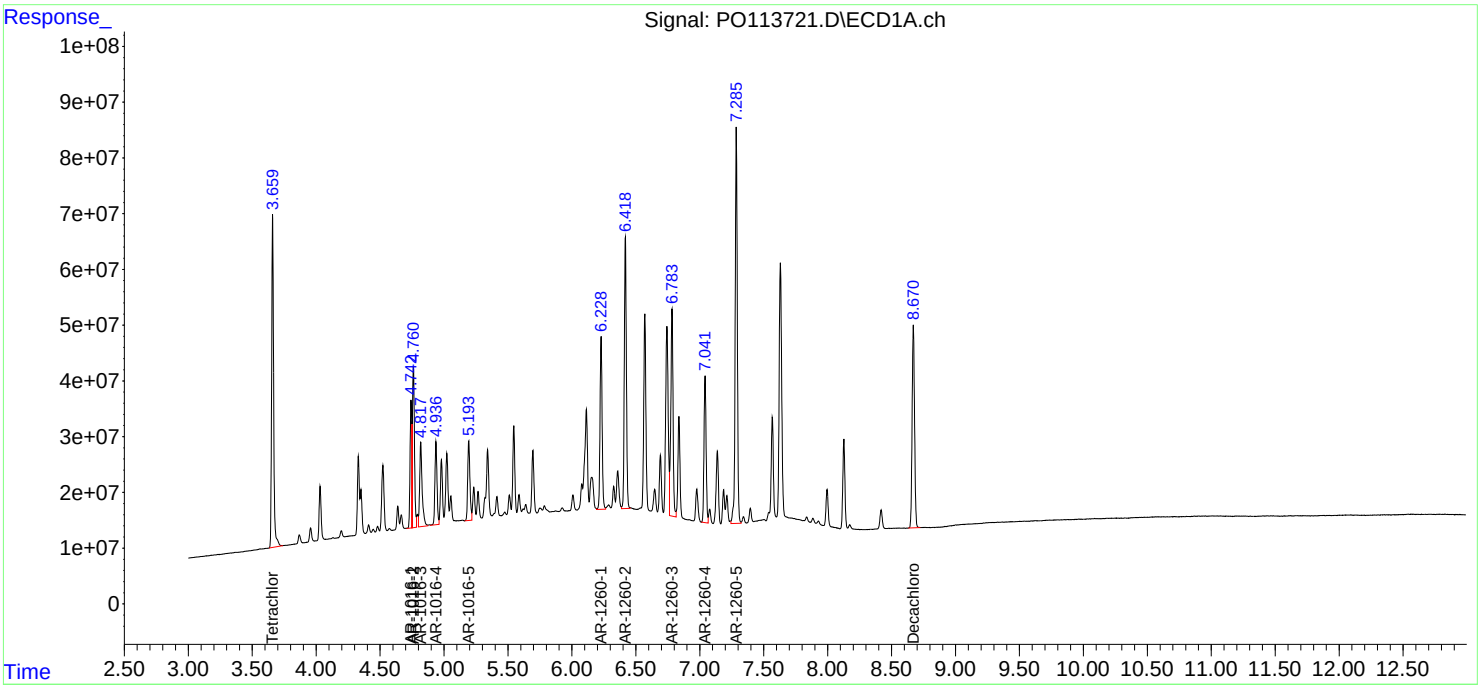
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

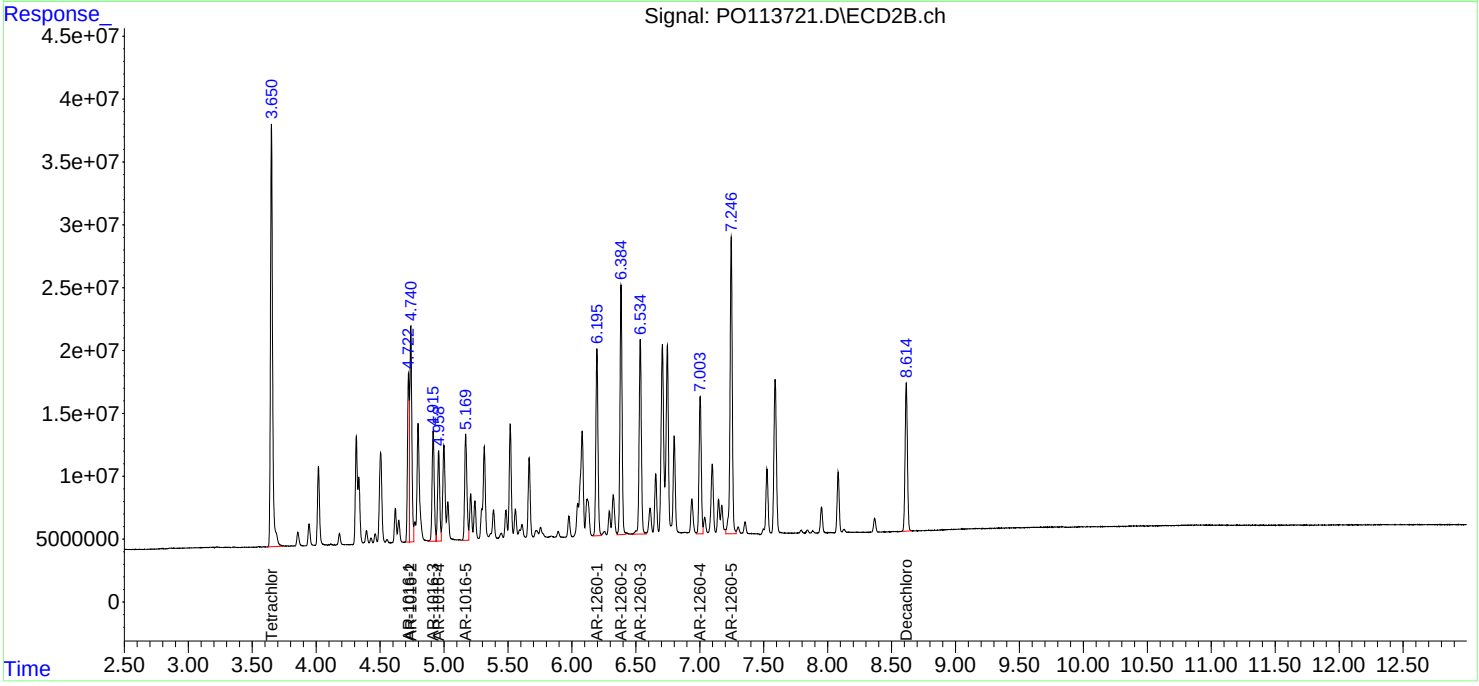
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113721.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 09:53
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

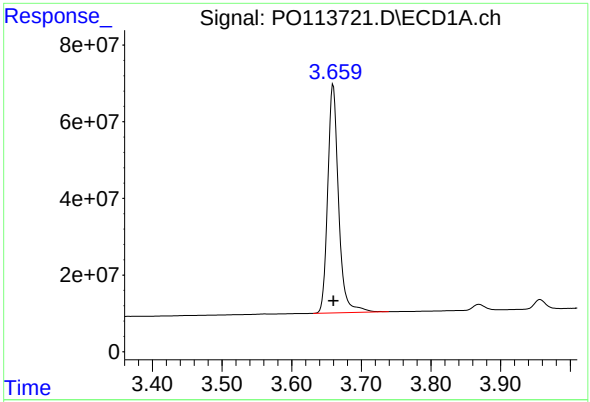
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:11:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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



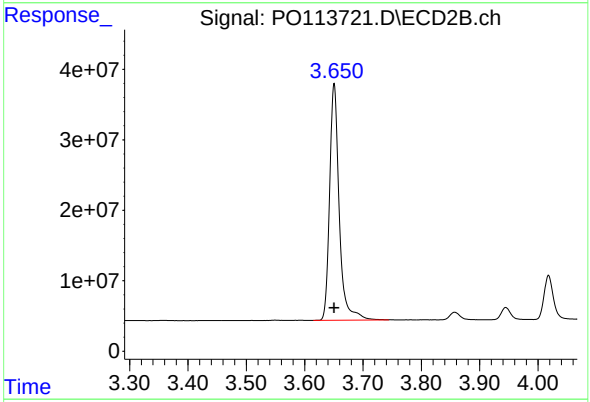




#1 Tetrachloro-m-xylene

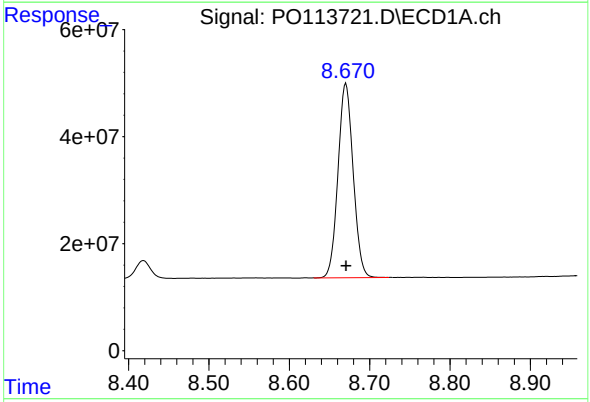
R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 644484376
Conc: 75.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



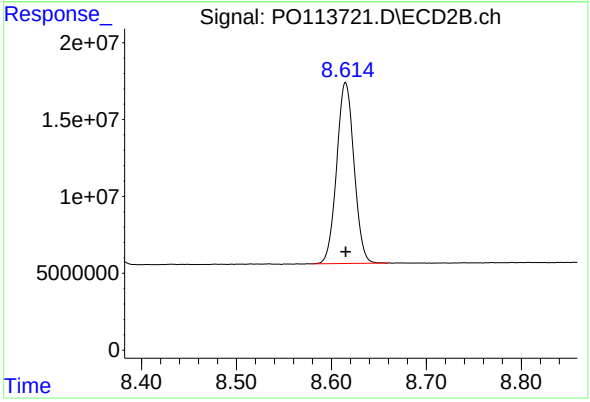
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 384565273
Conc: 75.09 ng/ml



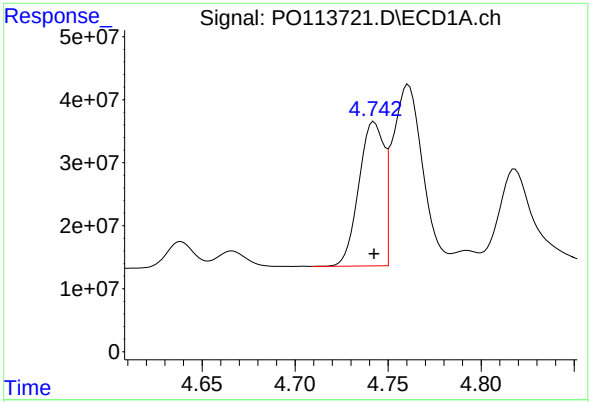
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 475846806
Conc: 74.37 ng/ml



#2 Decachlorobiphenyl

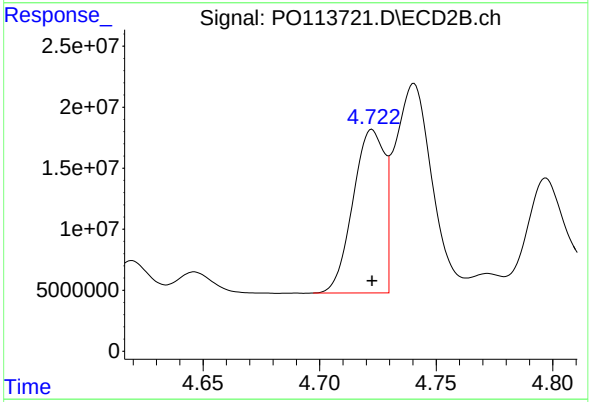
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 149309906
Conc: 74.55 ng/ml



#3 AR-1016-1

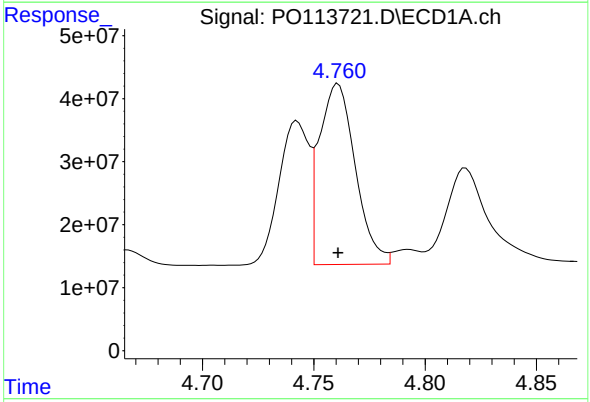
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 215604564
Conc: 752.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



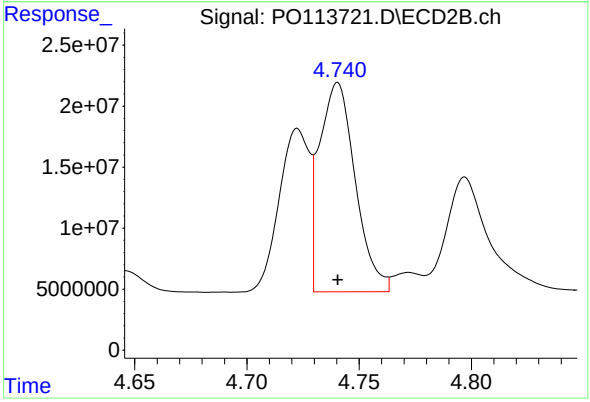
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 125666636
Conc: 752.55 ng/ml



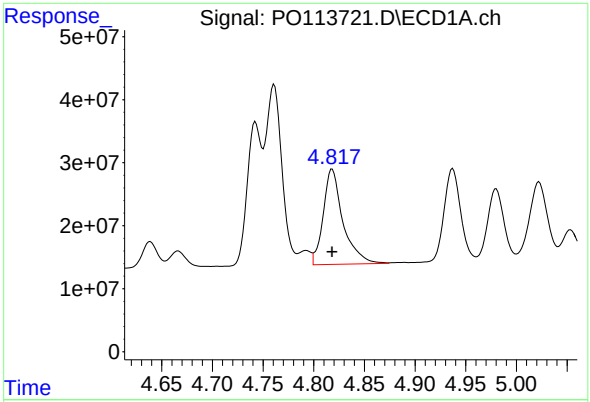
#4 AR-1016-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 322342039
Conc: 750.19 ng/ml



#4 AR-1016-2

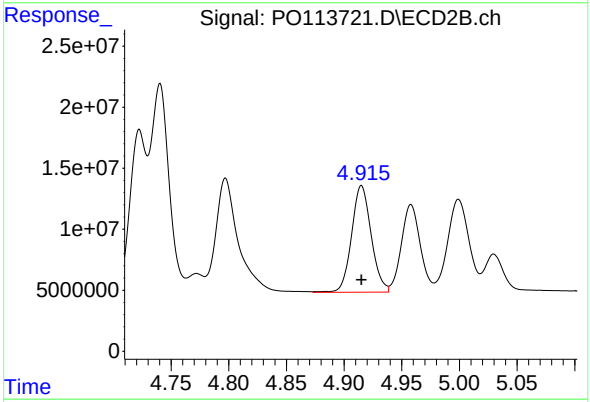
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 190661345
Conc: 744.78 ng/ml



#5 AR-1016-3

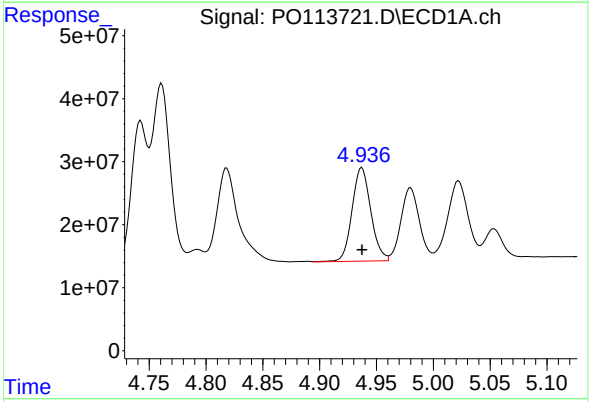
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 205769035
Conc: 751.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



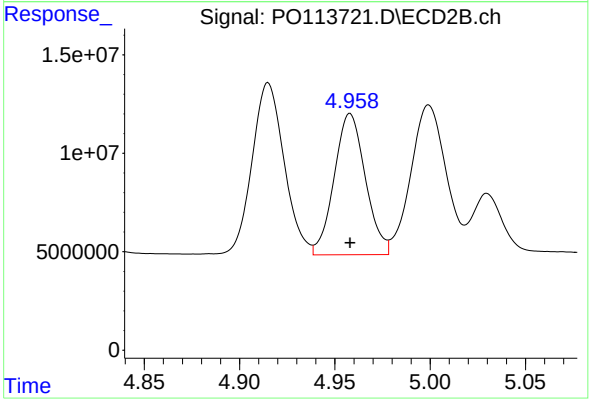
#5 AR-1016-3

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 103331705
Conc: 748.18 ng/ml



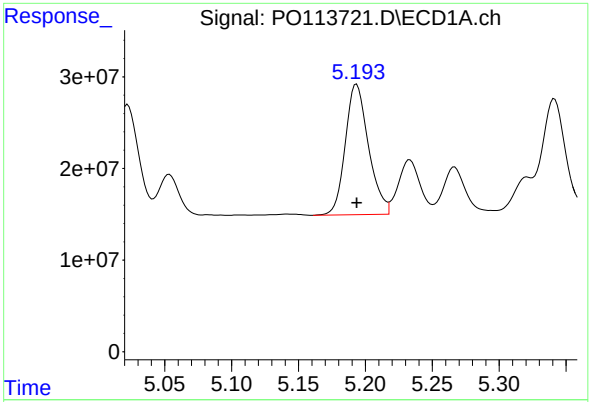
#6 AR-1016-4

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 170572572
Conc: 747.38 ng/ml



#6 AR-1016-4

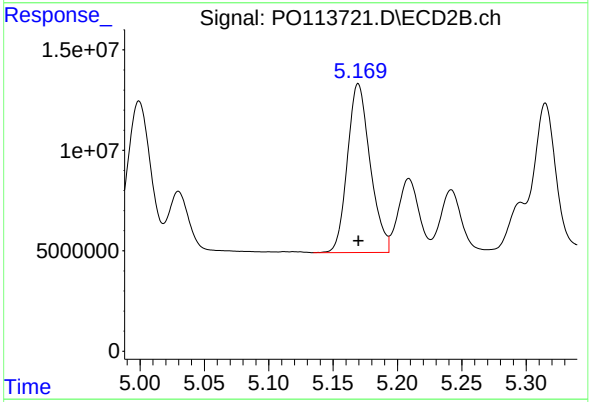
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 81899859
Conc: 746.39 ng/ml



#7 AR-1016-5

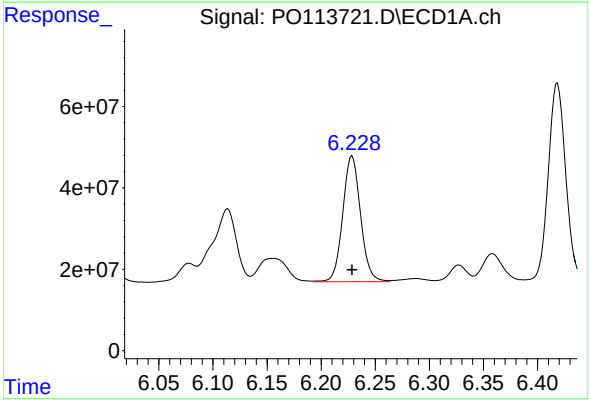
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 172297454
Conc: 747.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



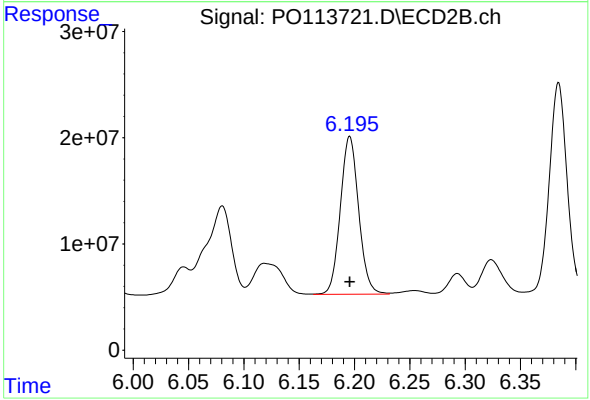
#7 AR-1016-5

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 103482620
Conc: 750.41 ng/ml



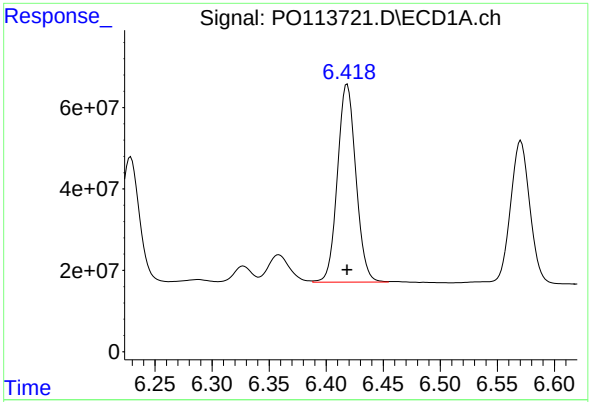
#31 AR-1260-1

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 353618382
Conc: 759.32 ng/ml



#31 AR-1260-1

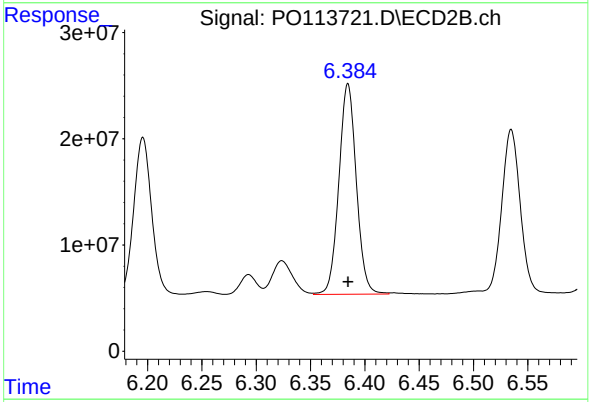
R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 171139539
Conc: 748.19 ng/ml



#32 AR-1260-2

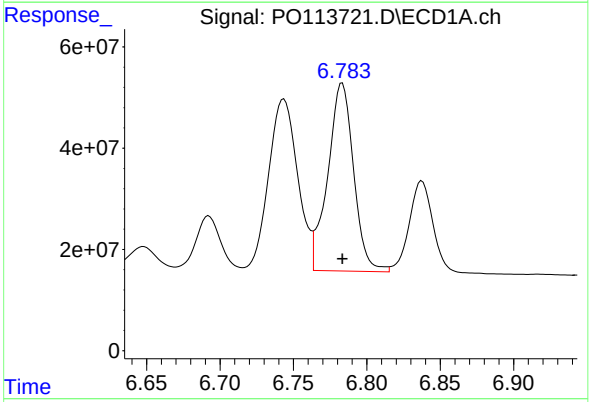
R.T.: 6.418 min
Delta R.T.: 0.000 min
Response: 547162900
Conc: 754.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



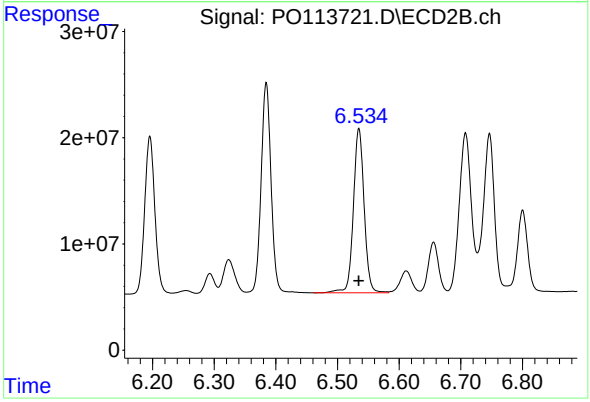
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 221901185
Conc: 739.88 ng/ml



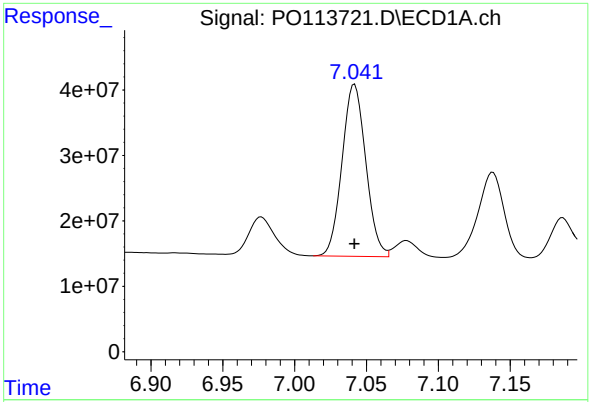
#33 AR-1260-3

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 455451850
Conc: 751.70 ng/ml



#33 AR-1260-3

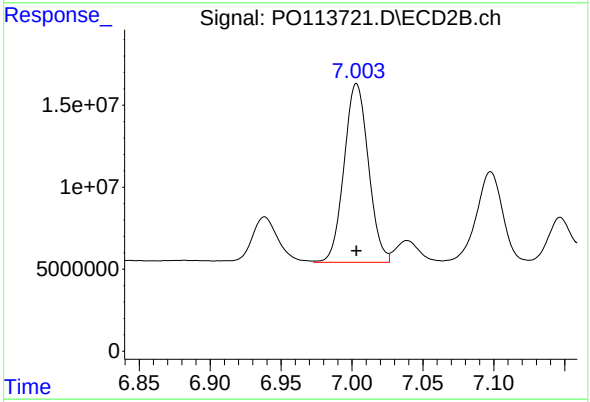
R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 187415664
Conc: 740.78 ng/ml



#34 AR-1260-4

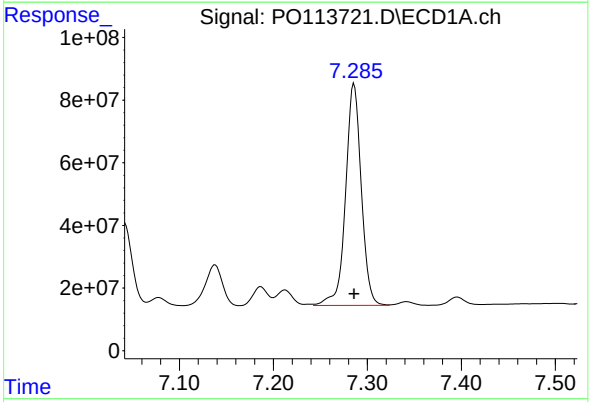
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 301603962
Conc: 746.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



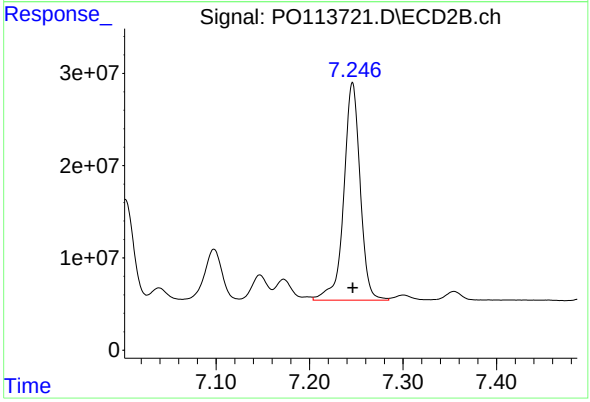
#34 AR-1260-4

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 130337268
Conc: 748.15 ng/ml



#35 AR-1260-5

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 822304227
Conc: 740.41 ng/ml



#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 286416267
Conc: 741.35 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113722.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 10:11
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: Sep 15 11:05:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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...	3.660	3.651	435.5E6	260.7E6	50.000	50.000
2)	SA Decachlor...	8.670	8.614	326.1E6	102.3E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.743	4.723	146.1E6	86106618	500.000	500.000
4)	L1 AR-1016-2	4.761	4.741	219.8E6	133.1E6	500.000	500.000
5)	L1 AR-1016-3	4.818	4.916	141.4E6	72039709	500.000	500.000
6)	L1 AR-1016-4	4.937	4.958	118.3E6	57885008	500.000	500.000
7)	L1 AR-1016-5	5.193	5.170	120.2E6	72307417	500.000	500.000
31)	L7 AR-1260-1	6.229	6.196	237.0E6	118.6E6	500.000	500.000
32)	L7 AR-1260-2	6.419	6.384	374.5E6	156.5E6	500.000	500.000
33)	L7 AR-1260-3	6.783	6.535	317.7E6	132.9E6	500.000	500.000
34)	L7 AR-1260-4	7.041	7.003	208.2E6	91249745	500.000	500.000
35)	L7 AR-1260-5	7.285	7.246	555.9E6	200.2E6	500.000	500.000

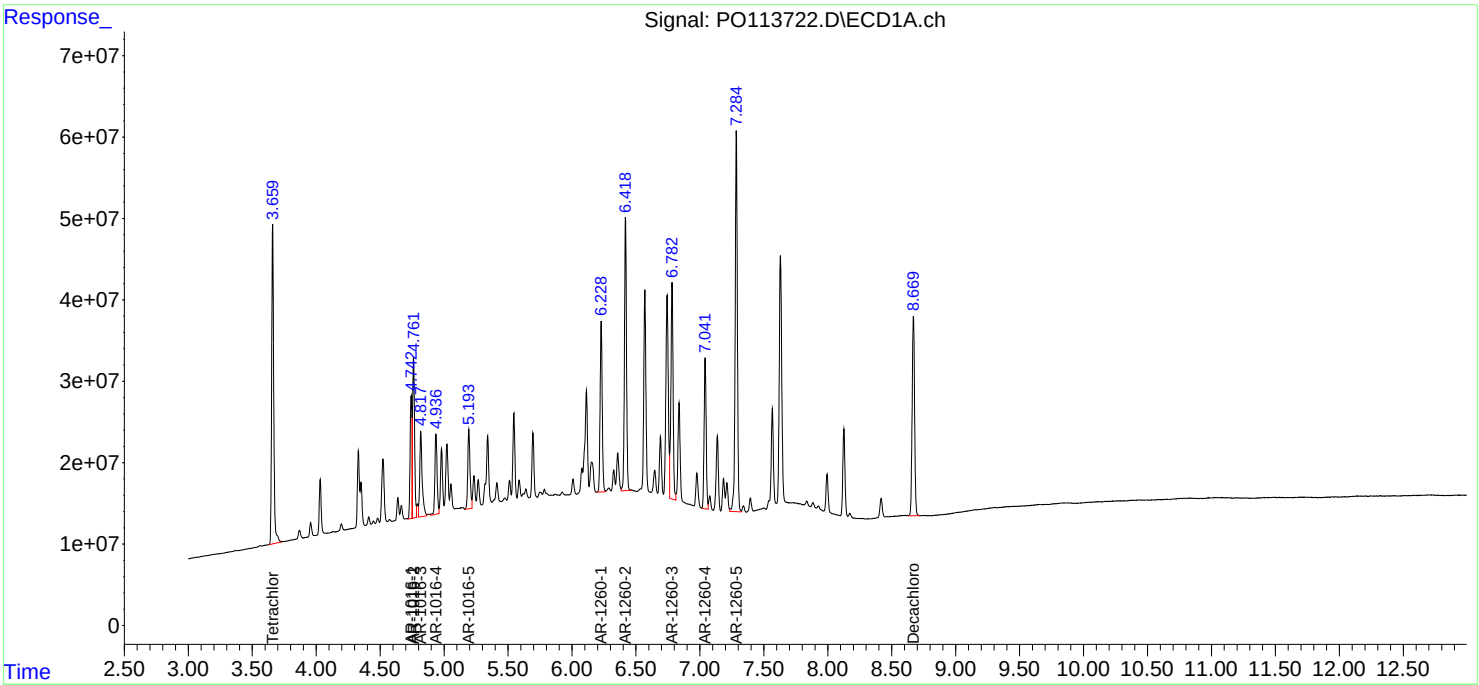
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

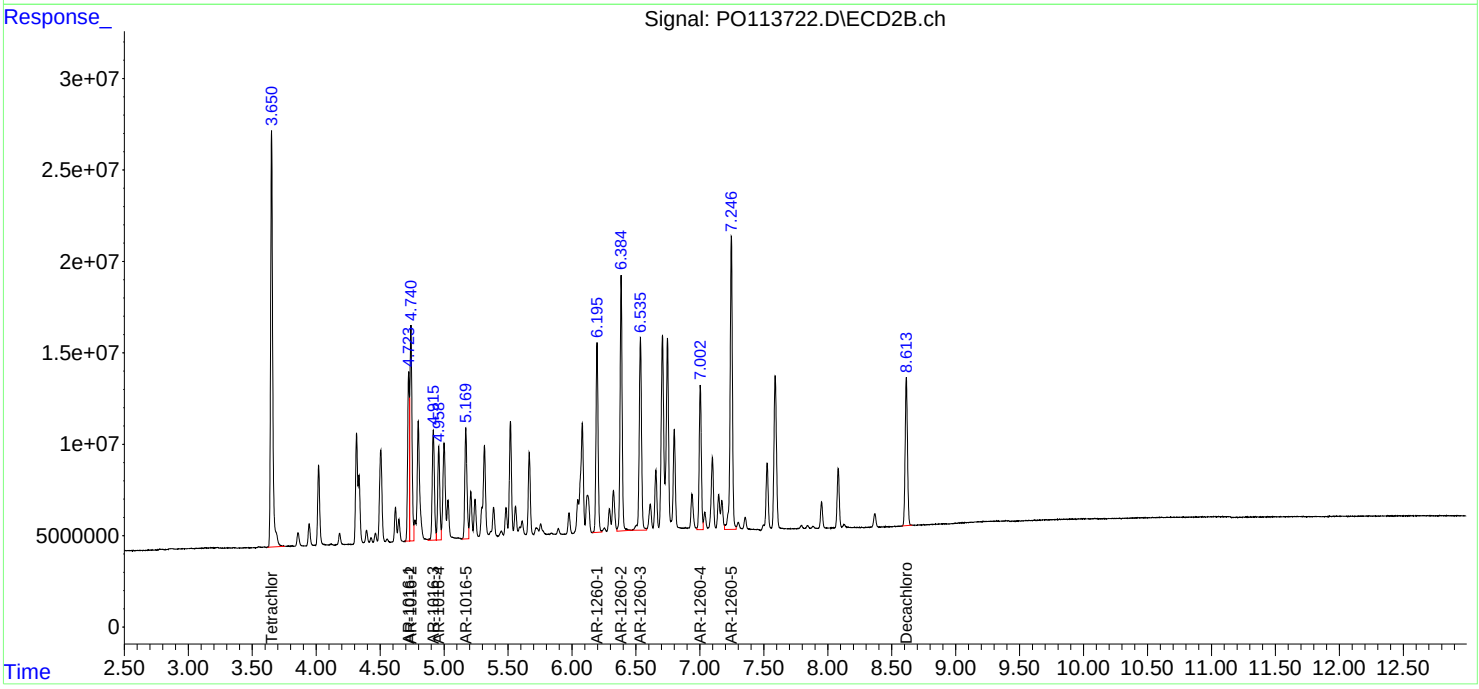
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113722.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 10:11
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

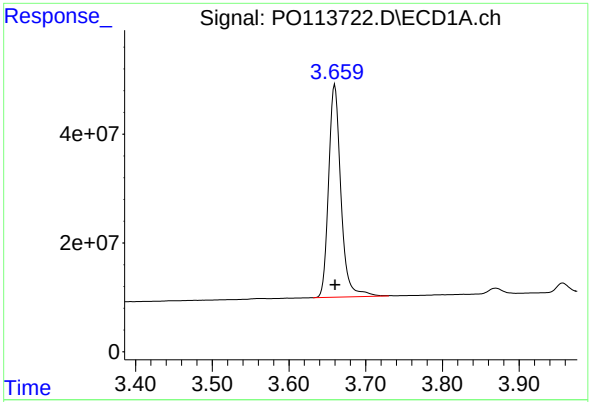
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:05:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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



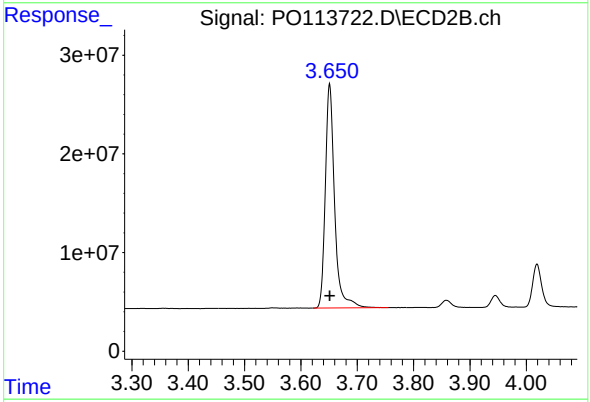




#1 Tetrachloro-m-xylene

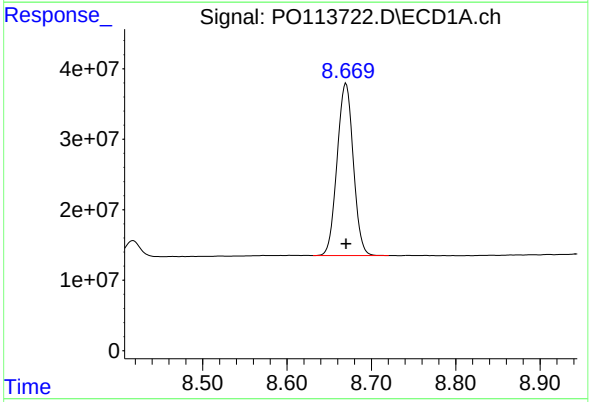
R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 435480755
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



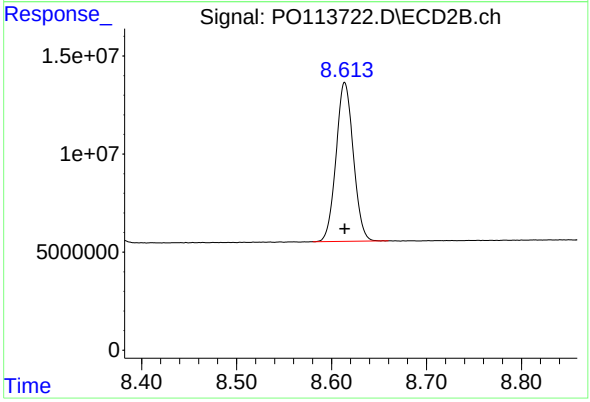
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 260682995
Conc: 50.00 ng/ml



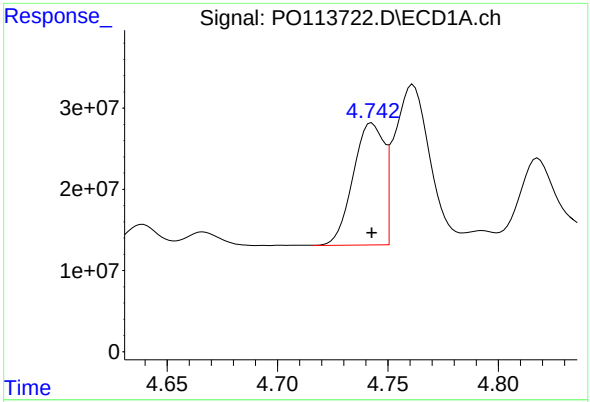
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 326085249
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

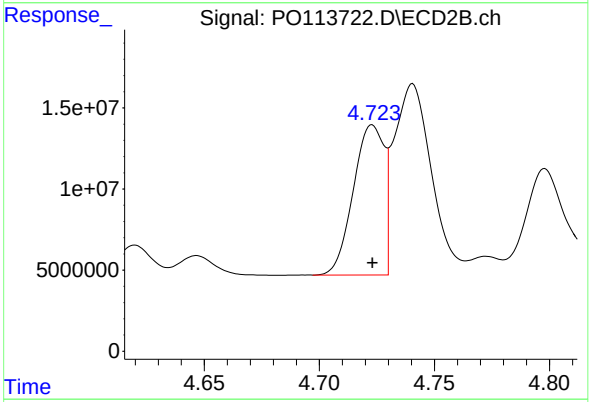
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 102333736
Conc: 50.00 ng/ml



#3 AR-1016-1

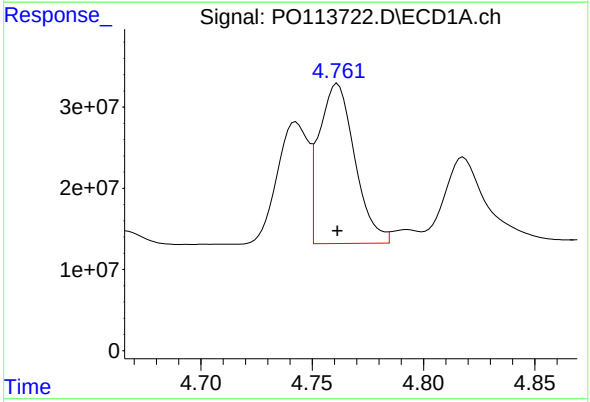
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 146128669
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



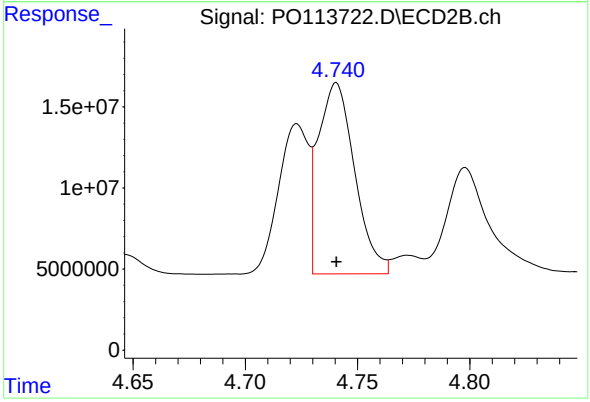
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 86106618
Conc: 500.00 ng/ml



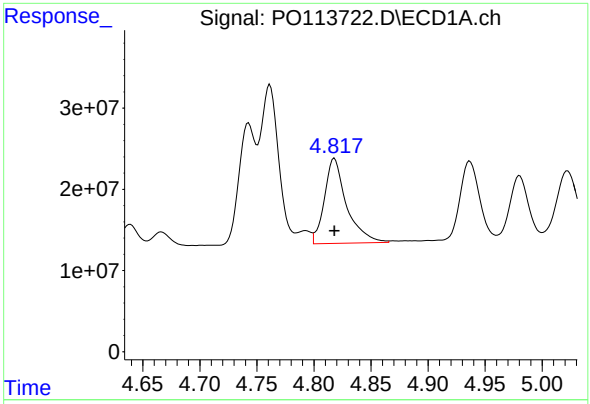
#4 AR-1016-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 219815220
Conc: 500.00 ng/ml



#4 AR-1016-2

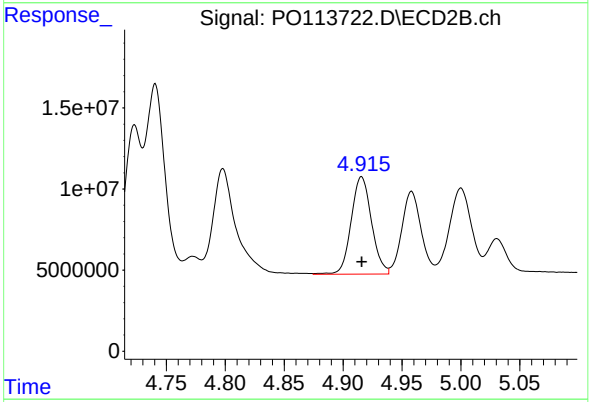
R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 133054845
Conc: 500.00 ng/ml



#5 AR-1016-3

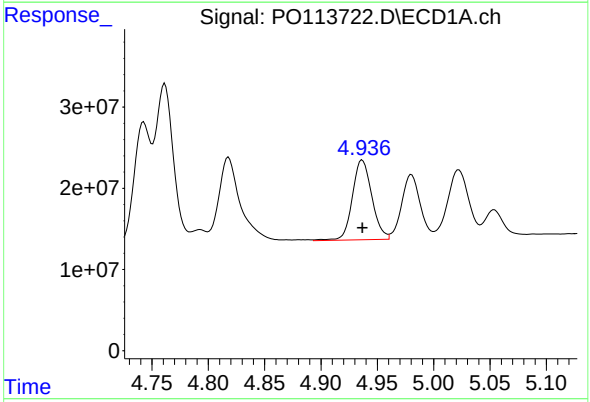
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 141367491
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



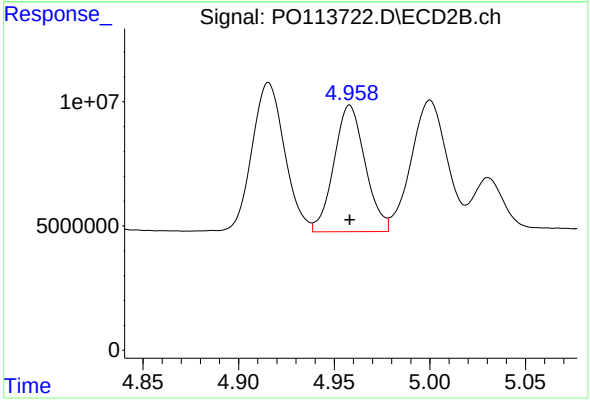
#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 72039709
Conc: 500.00 ng/ml



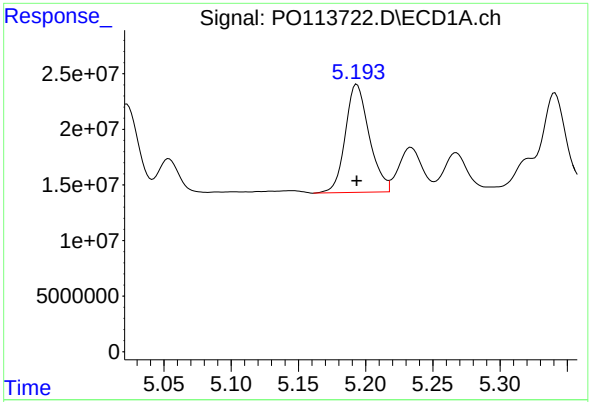
#6 AR-1016-4

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 118286971
Conc: 500.00 ng/ml



#6 AR-1016-4

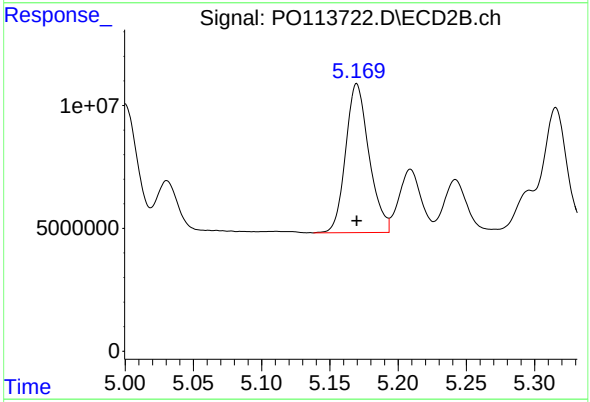
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 57885008
Conc: 500.00 ng/ml



#7 AR-1016-5

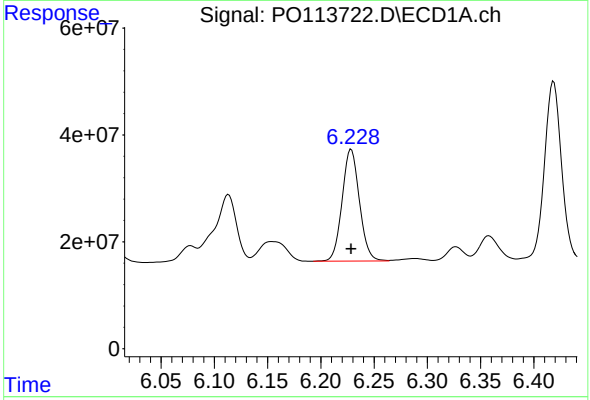
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 120249155
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



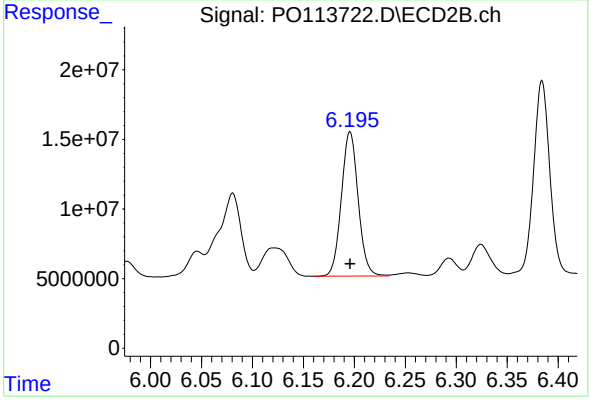
#7 AR-1016-5

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 72307417
Conc: 500.00 ng/ml



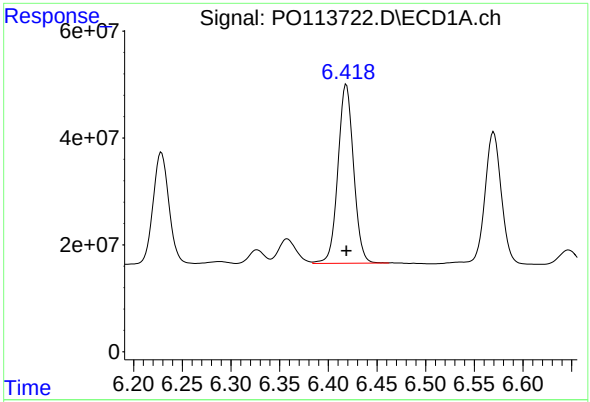
#31 AR-1260-1

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 237029943
Conc: 500.00 ng/ml



#31 AR-1260-1

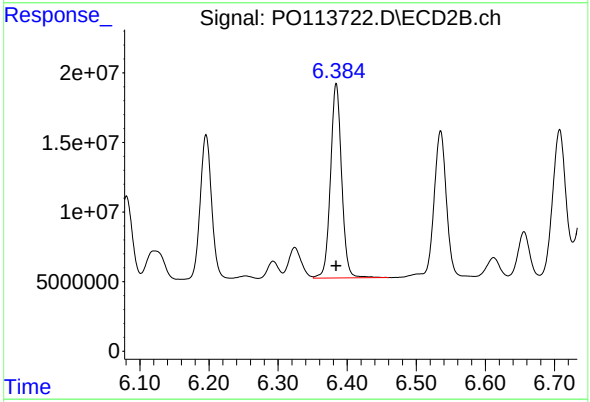
R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 118647067
Conc: 500.00 ng/ml



#32 AR-1260-2

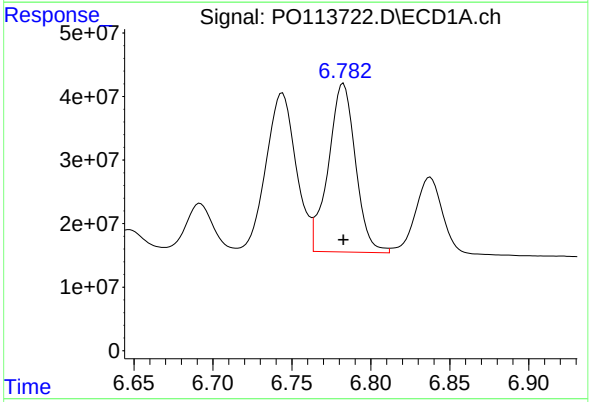
R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 374475176
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



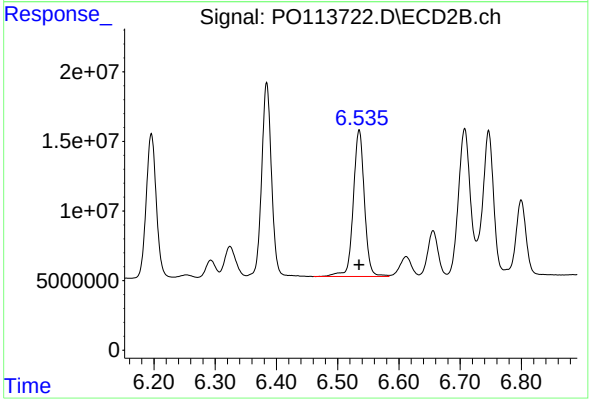
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 156529933
Conc: 500.00 ng/ml



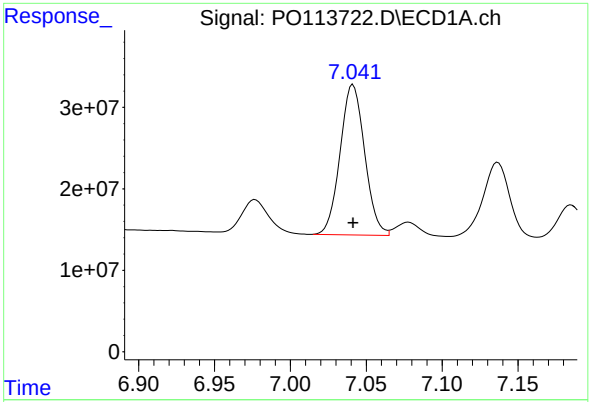
#33 AR-1260-3

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 317717470
Conc: 500.00 ng/ml



#33 AR-1260-3

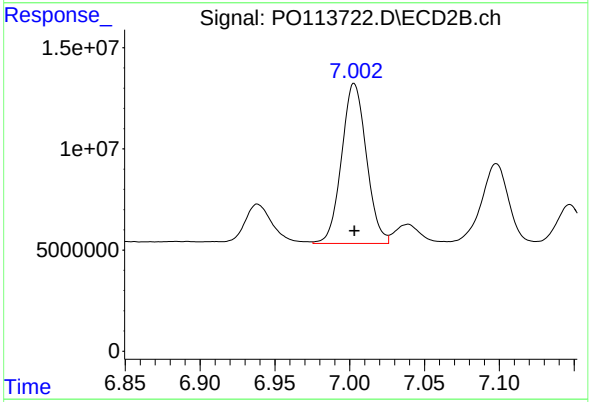
R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 132927380
Conc: 500.00 ng/ml



#34 AR-1260-4

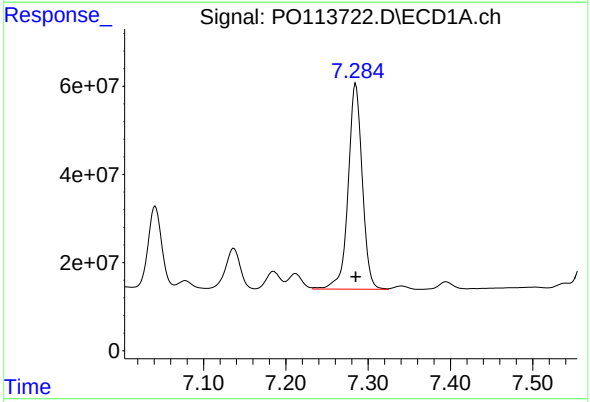
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 208237424
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



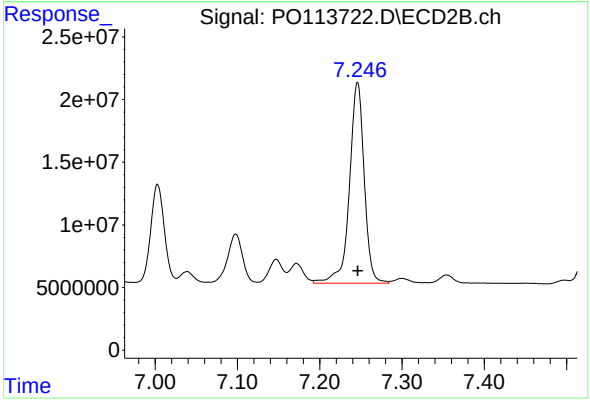
#34 AR-1260-4

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 91249745
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 555891277
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 200212238
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113723.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 10:30
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:15:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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...	3.659	3.650	234.8E6	141.2E6	26.755	26.884
2)	SA Decachlor...	8.671	8.615	176.7E6	56266448	26.911	27.250
	Target Compounds						
3)	L1 AR-1016-1	4.742	4.723	83067158	49485896	278.789	283.219
4)	L1 AR-1016-2	4.761	4.740	123.2E6	73863126	276.594	277.828
5)	L1 AR-1016-3	4.818	4.915	83791663	39670595	291.989	276.833m
6)	L1 AR-1016-4	4.936	4.957	62801990	32386865	269.840m	283.635m
7)	L1 AR-1016-5	5.193	5.168	64527220	41323076	262.680m	285.632m
31)	L7 AR-1260-1	6.228	6.195	126.9E6	67517304	266.571	282.415
32)	L7 AR-1260-2	6.418	6.384	203.4E6	88290231	272.205	281.873
33)	L7 AR-1260-3	6.783	6.535	180.9E6	77229605	284.722	289.274
34)	L7 AR-1260-4	7.042	7.003	115.1E6	52427799	275.162	286.353
35)	L7 AR-1260-5	7.286	7.246	298.4E6	112.5E6	263.742	279.694

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113723.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 10:30
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

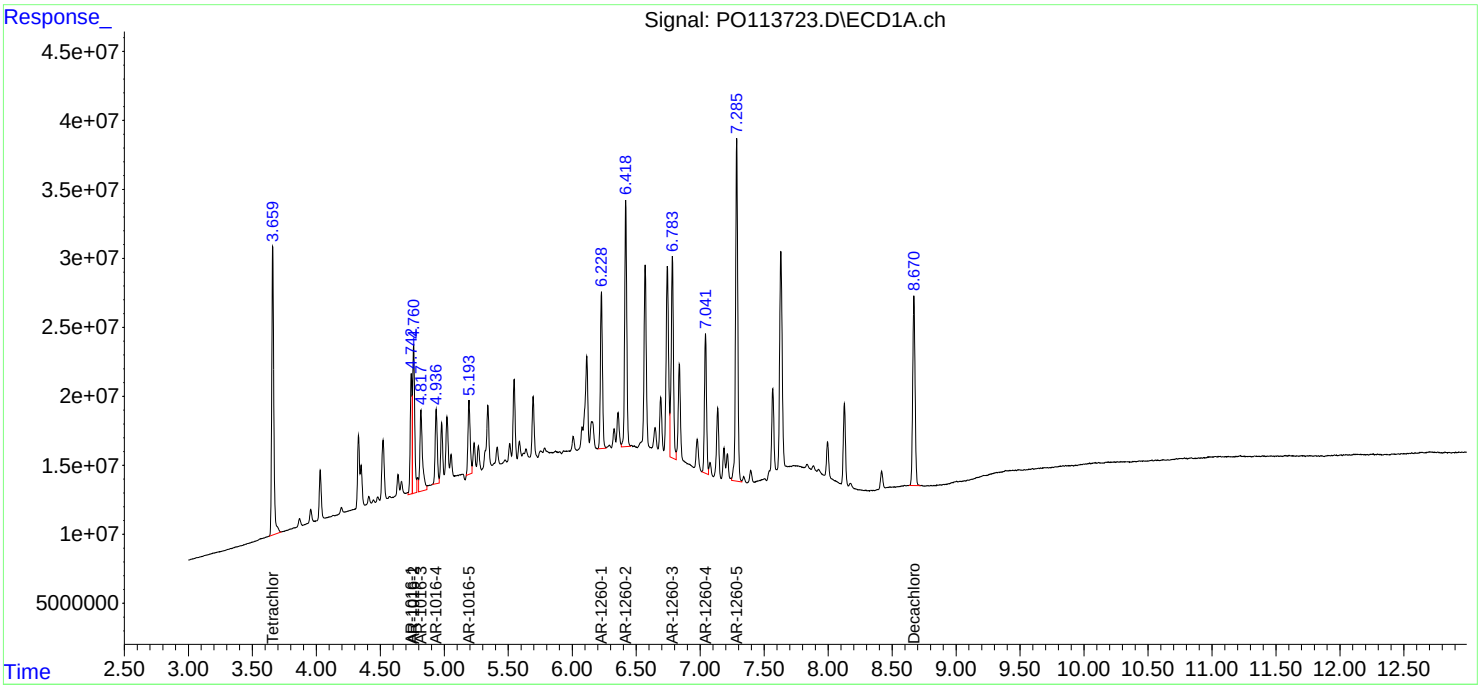
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

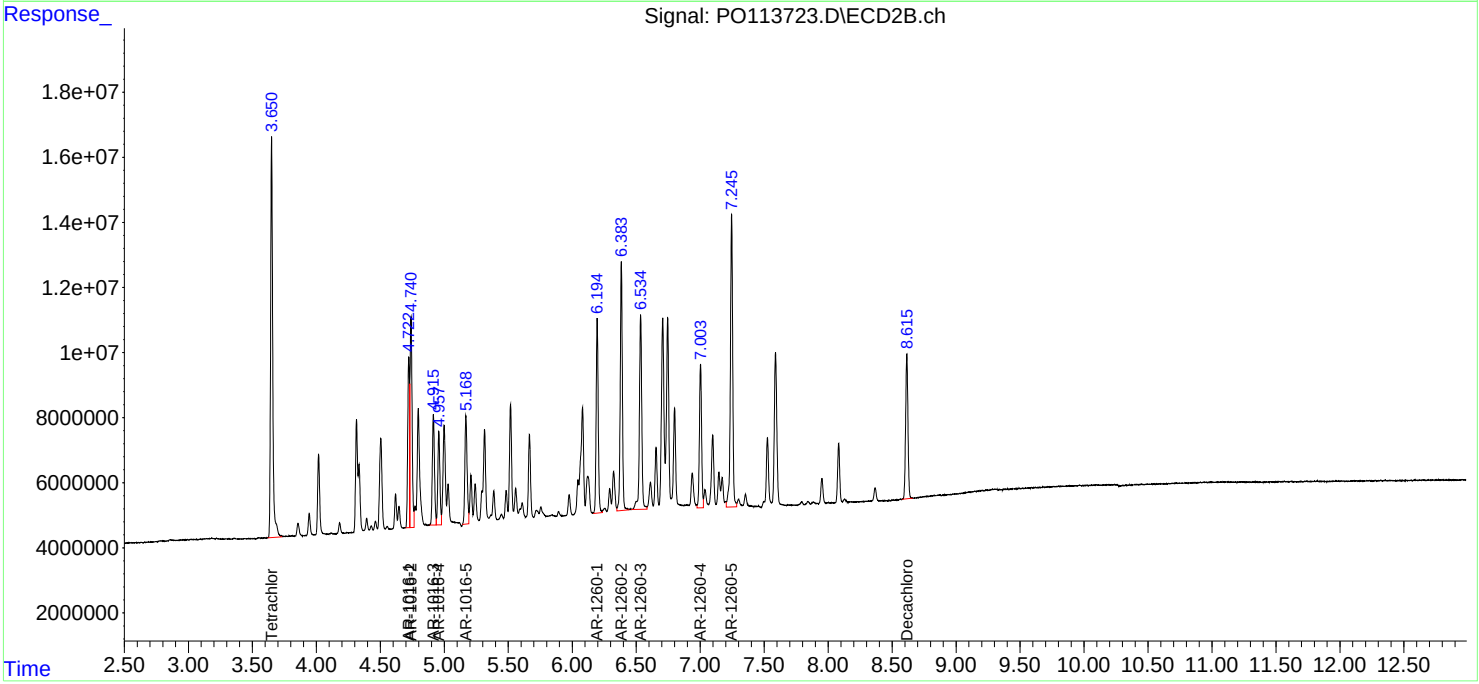
Manual Integrations APPROVED

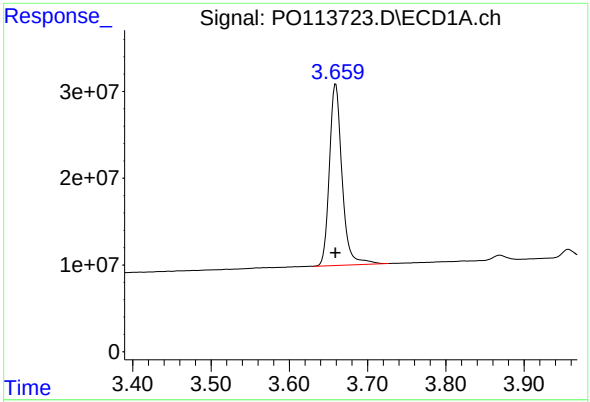
Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:15:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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







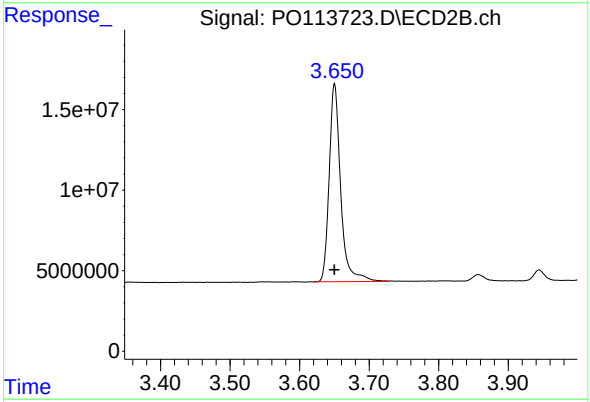
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 234791761
Conc: 26.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

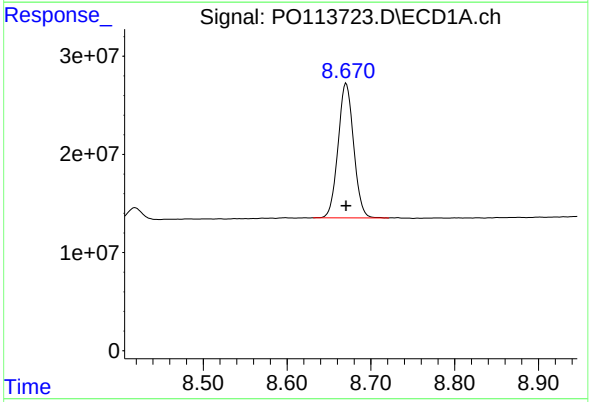
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



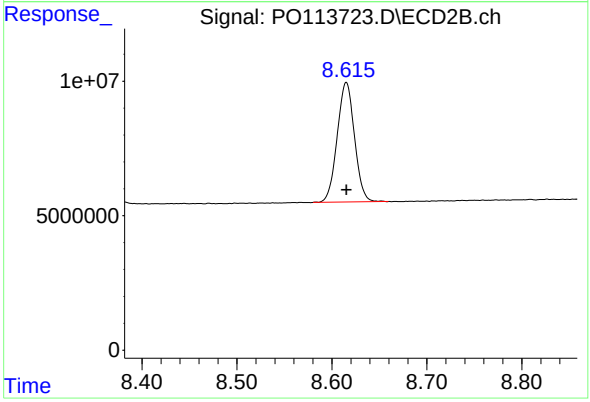
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 141238277
Conc: 26.88 ng/ml



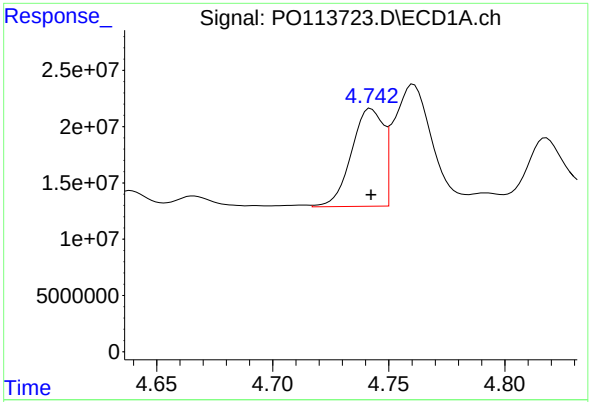
#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 176696995
Conc: 26.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 56266448
Conc: 27.25 ng/ml



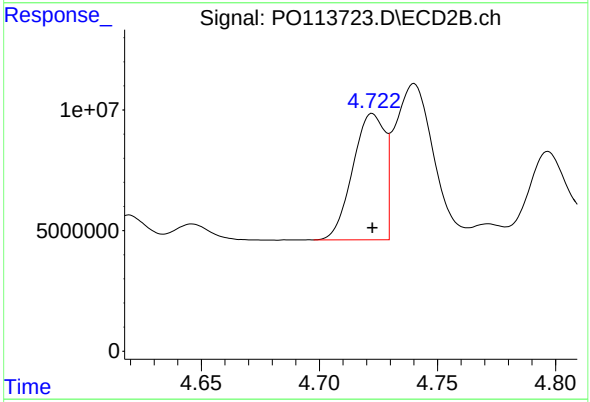
#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 83067158
Conc: 278.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

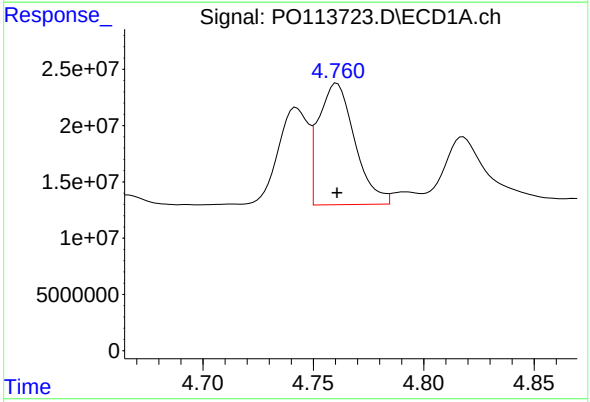
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



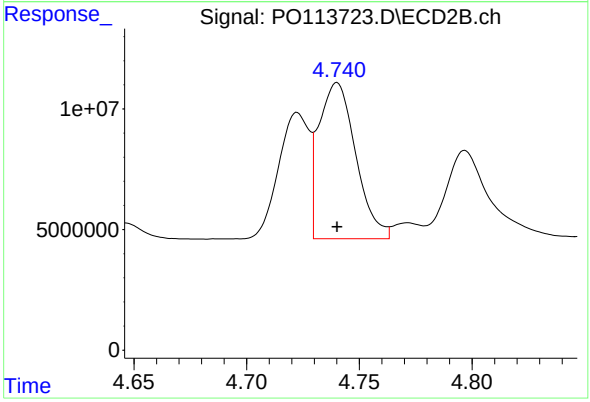
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 49485896
Conc: 283.22 ng/ml



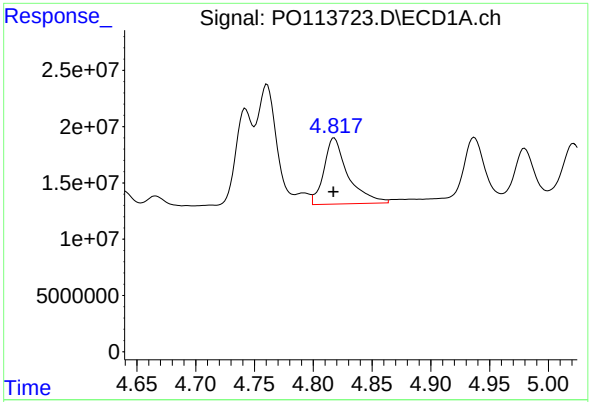
#4 AR-1016-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 123215794
Conc: 276.59 ng/ml



#4 AR-1016-2

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 73863126
Conc: 277.83 ng/ml



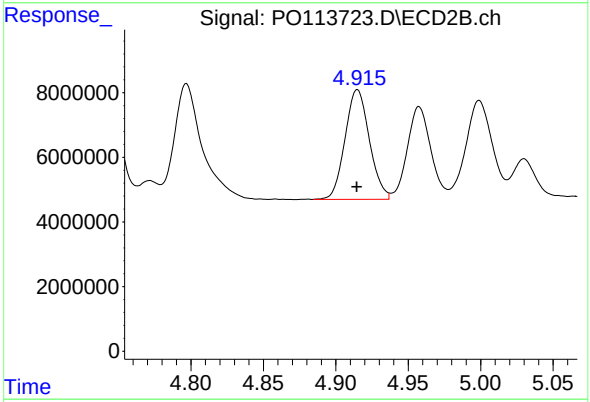
#5 AR-1016-3

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 83791663
Conc: 291.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

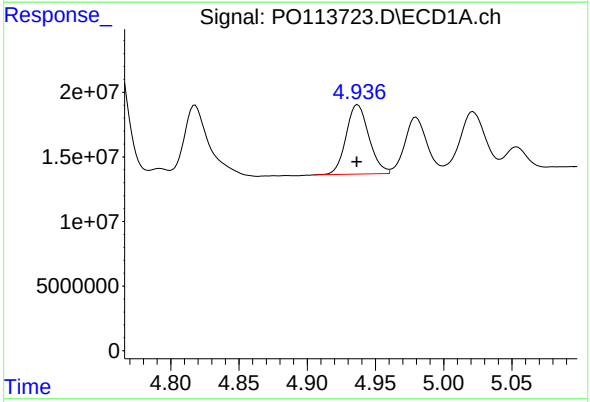
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



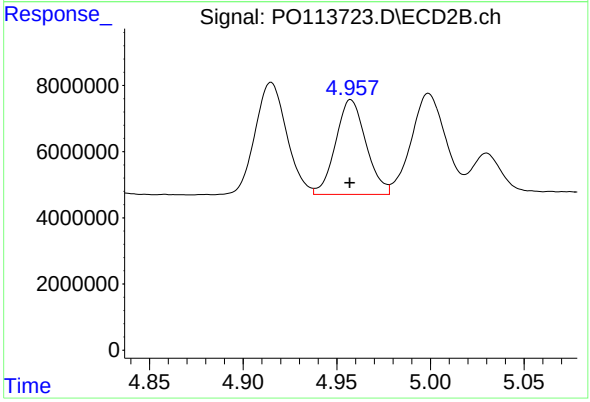
#5 AR-1016-3

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 39670595
Conc: 276.83 ng/ml m



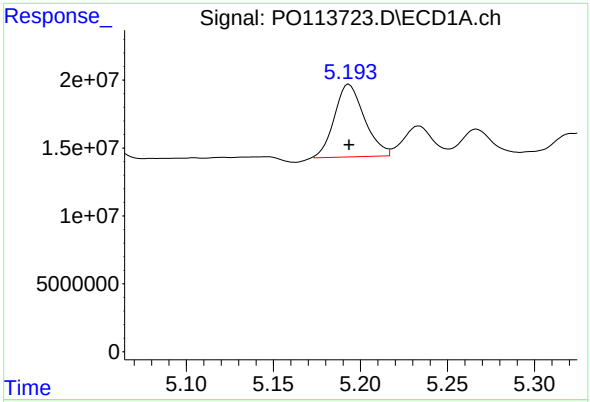
#6 AR-1016-4

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 62801990
Conc: 269.84 ng/ml m



#6 AR-1016-4

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 32386865
Conc: 283.64 ng/ml m



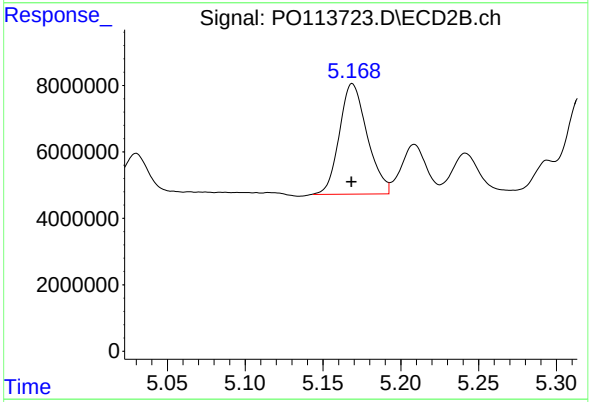
#7 AR-1016-5

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 64527220
Conc: 262.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

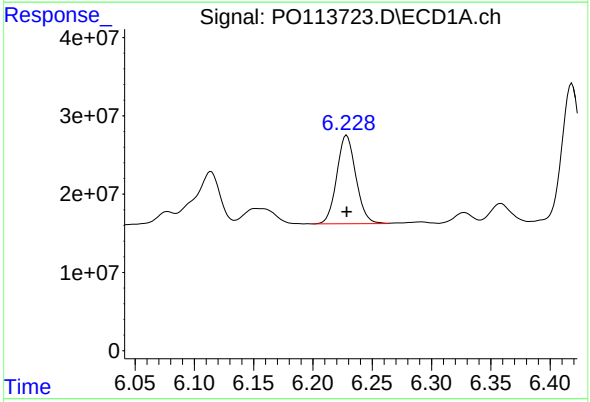
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



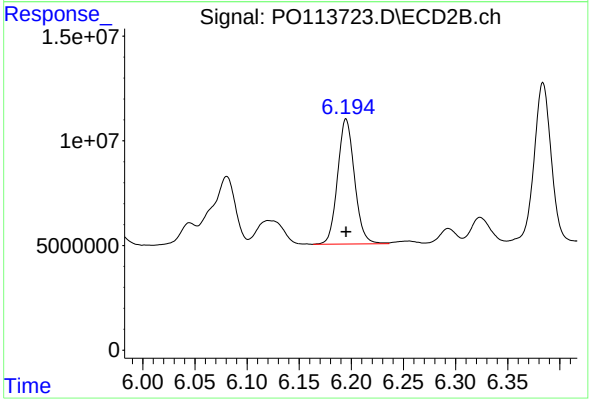
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 41323076
Conc: 285.63 ng/ml m



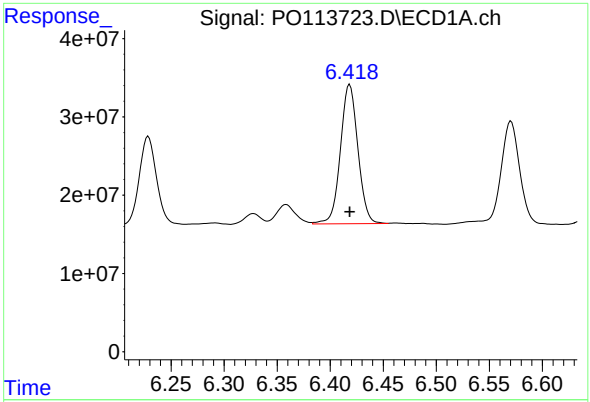
#31 AR-1260-1

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 126947041
Conc: 266.57 ng/ml



#31 AR-1260-1

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 67517304
Conc: 282.41 ng/ml



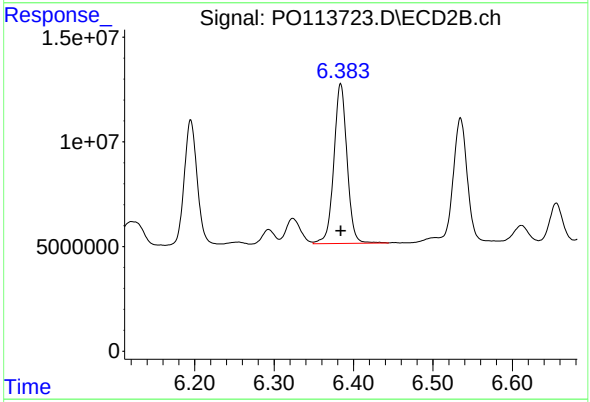
#32 AR-1260-2

R.T.: 6.418 min
Delta R.T.: 0.000 min
Response: 203351822
Conc: 272.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

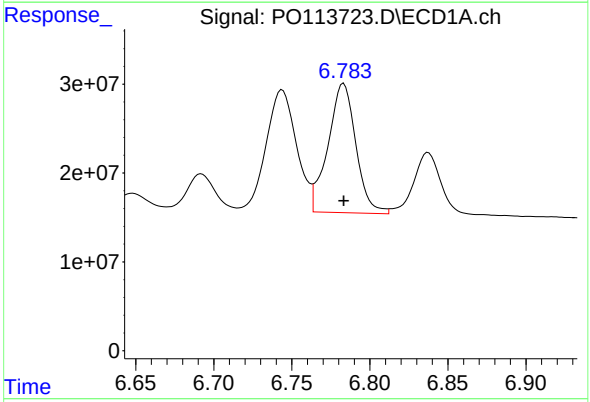
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



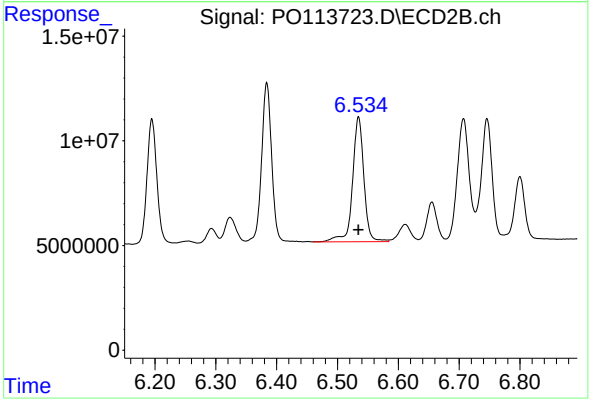
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 88290231
Conc: 281.87 ng/ml



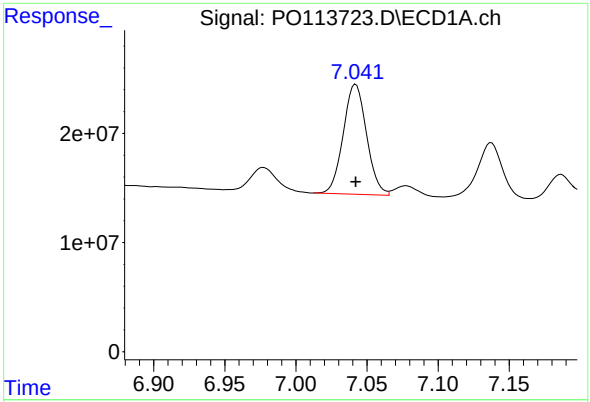
#33 AR-1260-3

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 180885209
Conc: 284.72 ng/ml



#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 77229605
Conc: 289.27 ng/ml



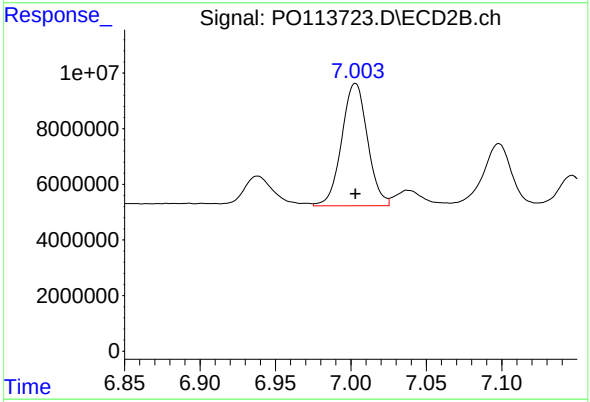
#34 AR-1260-4

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 115075308
Conc: 275.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

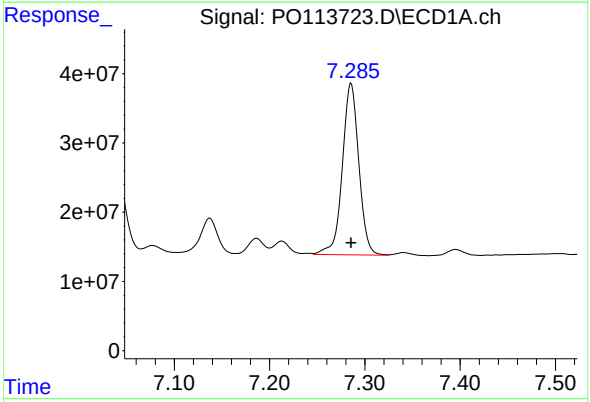
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



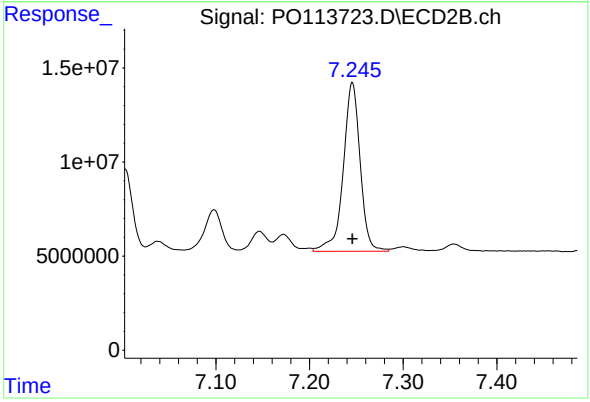
#34 AR-1260-4

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 52427799
Conc: 286.35 ng/ml



#35 AR-1260-5

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 298382827
Conc: 263.74 ng/ml



#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 112512930
Conc: 279.69 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113724.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 10:48
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:19:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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...	3.660	3.650	44978188	28453222	5.100	5.327
2)	SA Decachlor...	8.670	8.615	35936460	10897672	5.371	5.220
	Target Compounds						
3)	L1 AR-1016-1	4.744	4.722	16286949	10615009	53.661	58.247
4)	L1 AR-1016-2	4.762	4.740	24671155	16039442	54.215	57.936
5)	L1 AR-1016-3	4.819	4.914	16959086	8685099	56.680	58.442m
6)	L1 AR-1016-4	4.937	4.957	13300047	7240813	55.637m	60.429m
7)	L1 AR-1016-5	5.193	5.169	12550255	8566818	52.077m	56.328m
31)	L7 AR-1260-1	6.228	6.196	27305815	15008040	55.703	59.724
32)	L7 AR-1260-2	6.419	6.384	42049271	20006498	54.906	60.514
33)	L7 AR-1260-3	6.783	6.534	41141892	16693888	61.149	59.545
34)	L7 AR-1260-4	7.041	7.003	24542000	11185219	56.714	58.380m
35)	L7 AR-1260-5	7.286	7.245	56933192	25965493	50.259	62.242

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113724.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 10:48
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

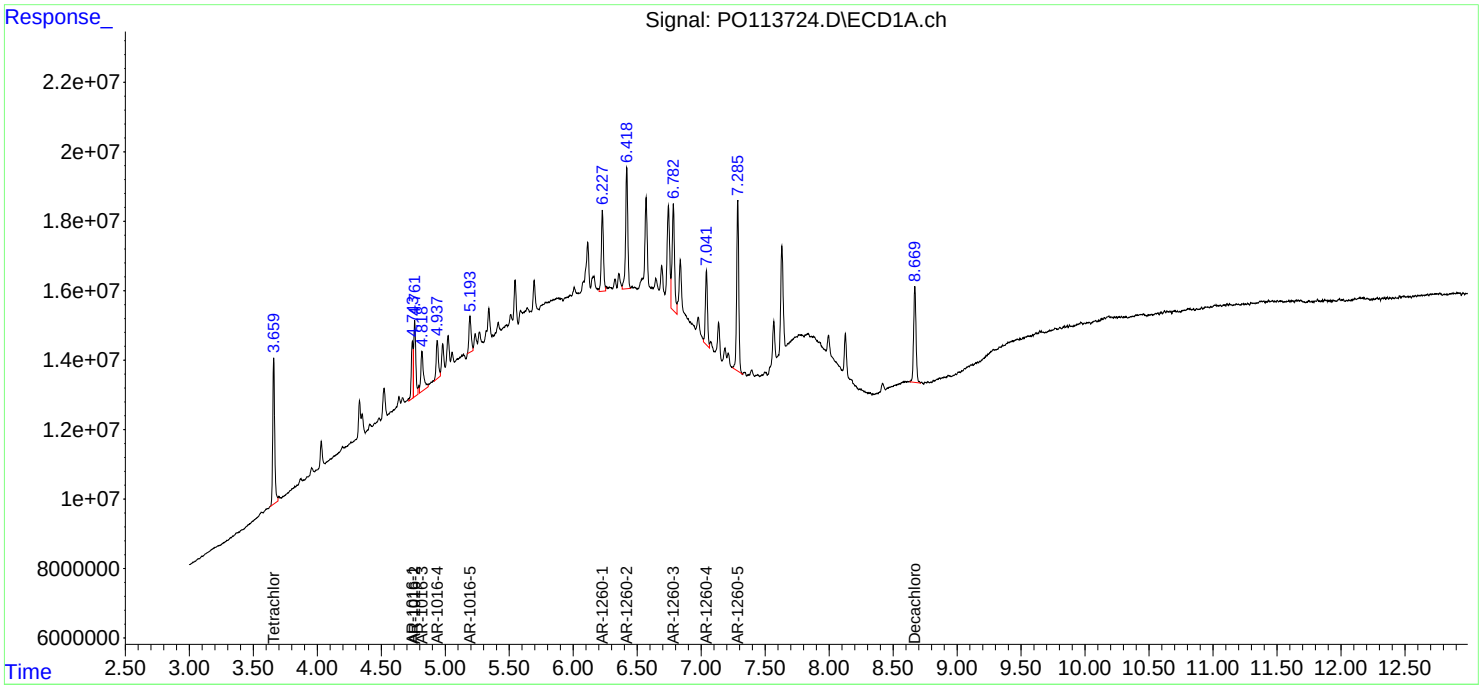
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

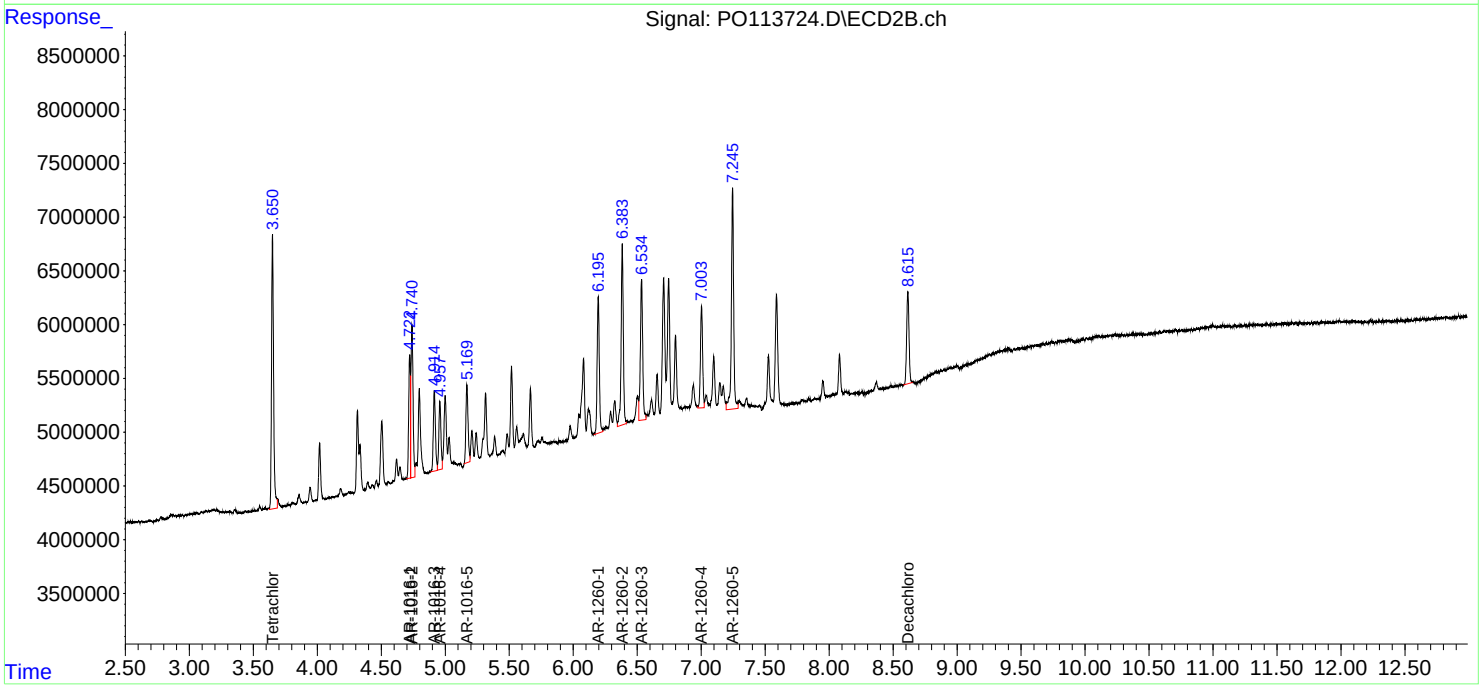
Manual Integrations APPROVED

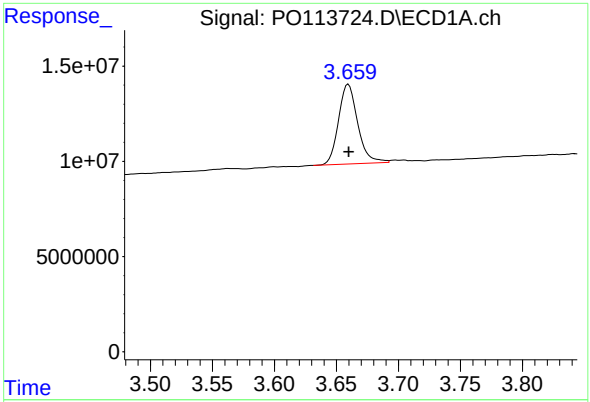
Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:19:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:05:06 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







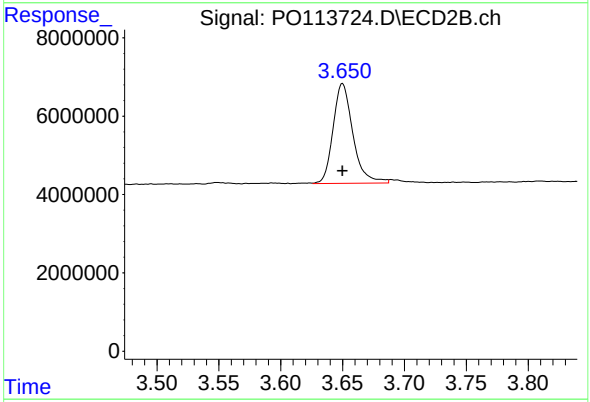
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 44978188
Conc: 5.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

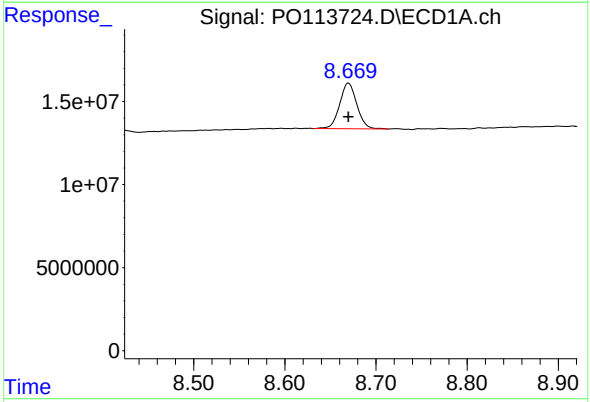
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



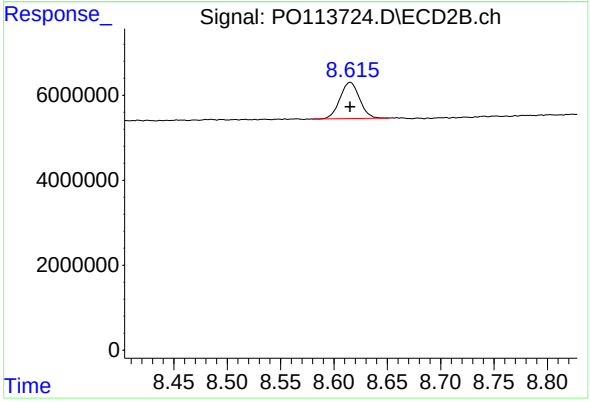
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 28453222
Conc: 5.33 ng/ml



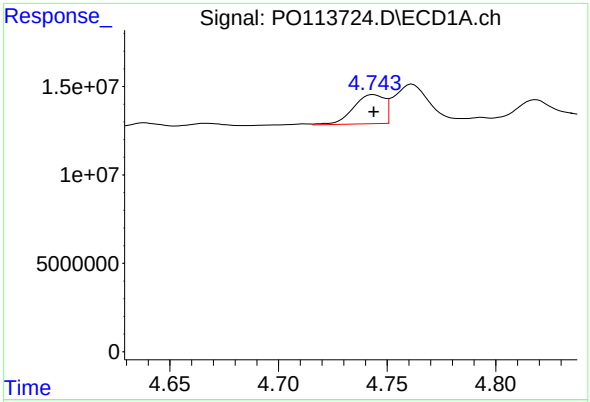
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 35936460
Conc: 5.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 10897672
Conc: 5.22 ng/ml



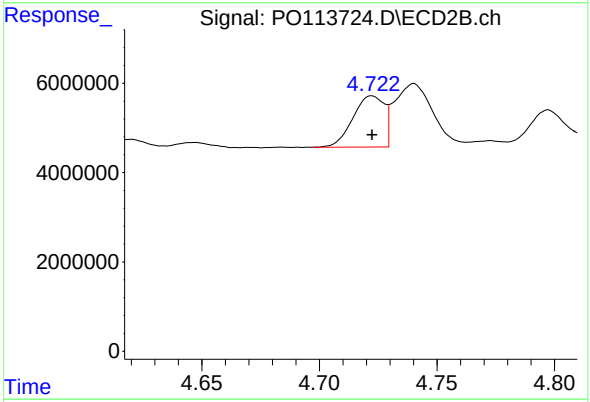
#3 AR-1016-1

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 16286949
Conc: 53.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

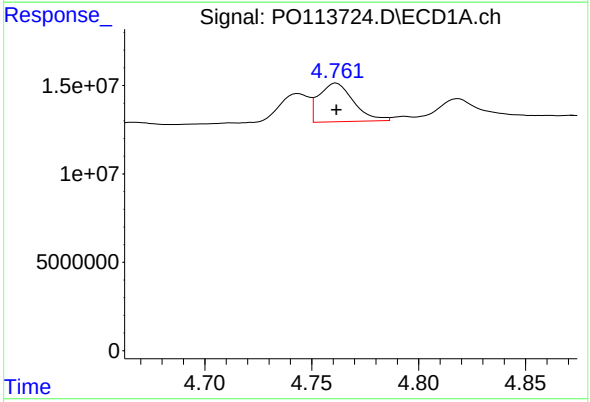
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



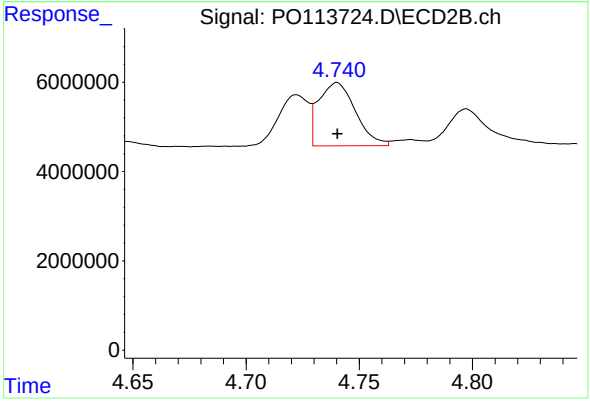
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 10615009
Conc: 58.25 ng/ml



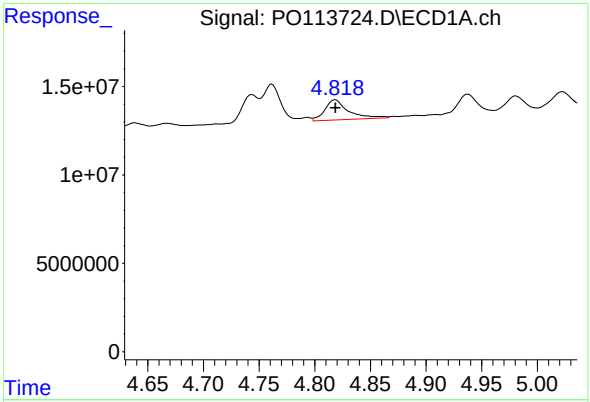
#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 24671155
Conc: 54.21 ng/ml



#4 AR-1016-2

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 16039442
Conc: 57.94 ng/ml



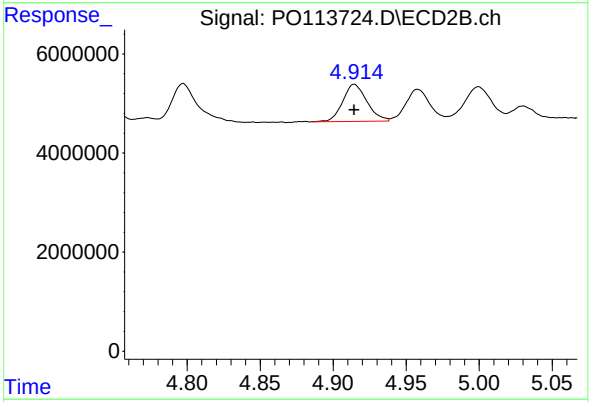
#5 AR-1016-3

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 16959086
Conc: 56.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

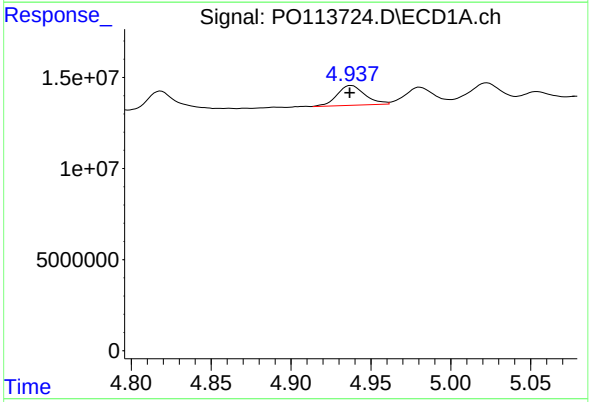
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



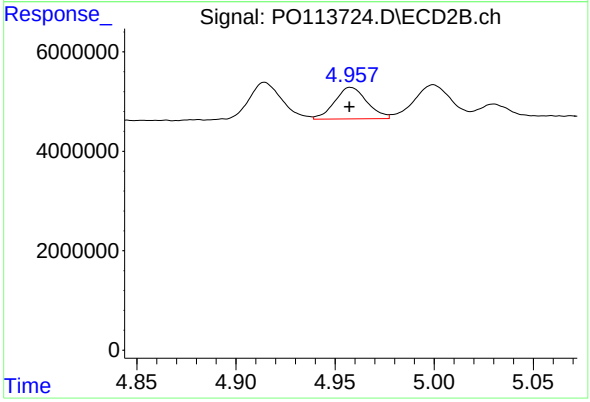
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 8685099
Conc: 58.44 ng/ml m



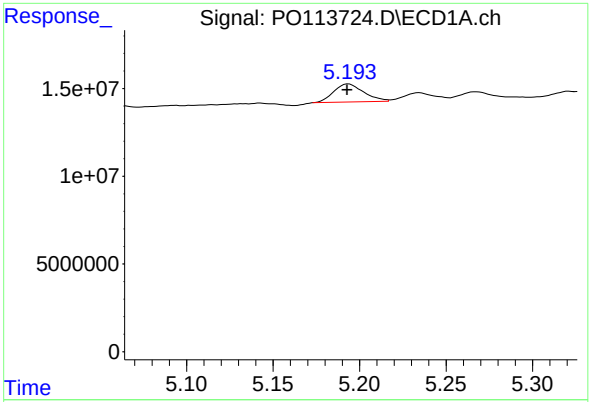
#6 AR-1016-4

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 13300047
Conc: 55.64 ng/ml m



#6 AR-1016-4

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 7240813
Conc: 60.43 ng/ml m



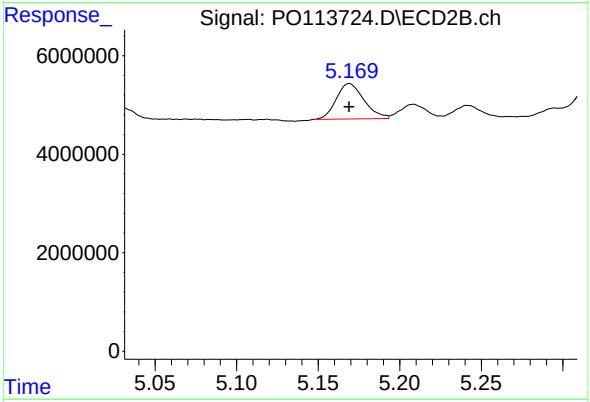
#7 AR-1016-5

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 12550255
Conc: 52.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

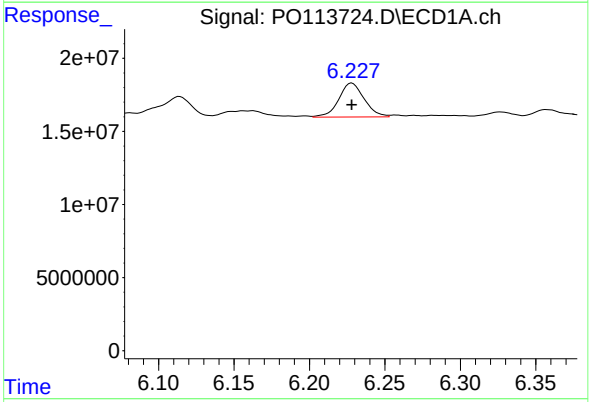
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



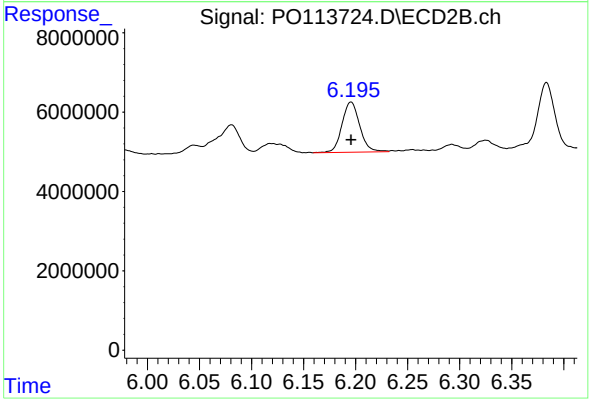
#7 AR-1016-5

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 8566818
Conc: 56.33 ng/ml m



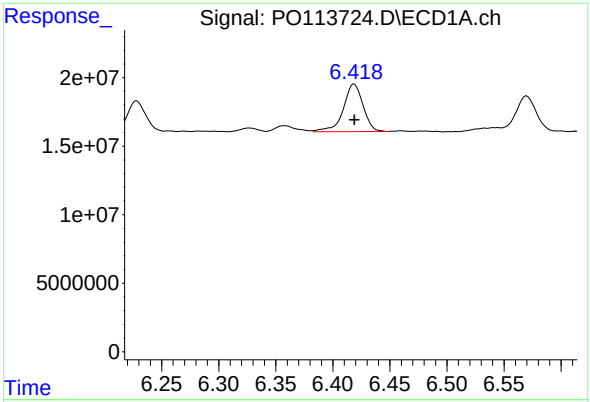
#31 AR-1260-1

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 27305815
Conc: 55.70 ng/ml



#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 15008040
Conc: 59.72 ng/ml



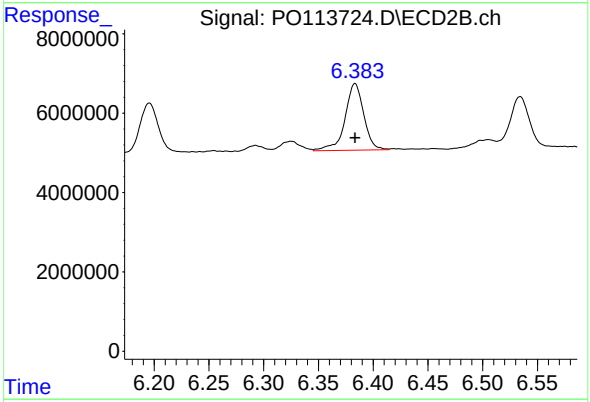
#32 AR-1260-2

R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 42049271
Conc: 54.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

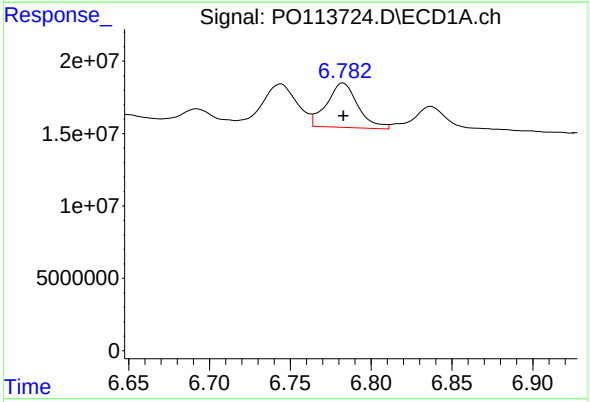
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



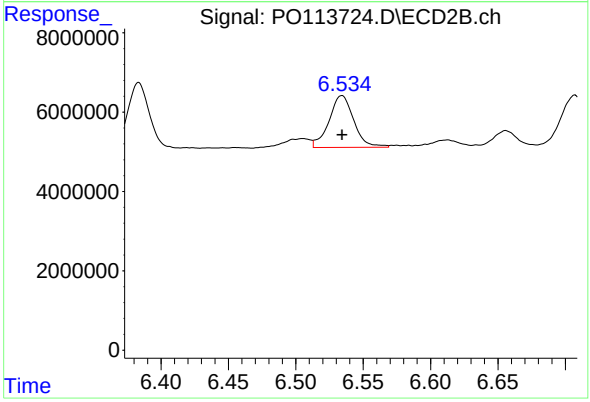
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 20006498
Conc: 60.51 ng/ml



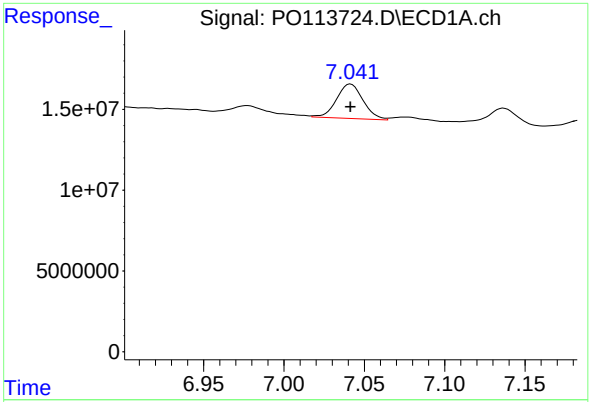
#33 AR-1260-3

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 41141892
Conc: 61.15 ng/ml



#33 AR-1260-3

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 16693888
Conc: 59.55 ng/ml



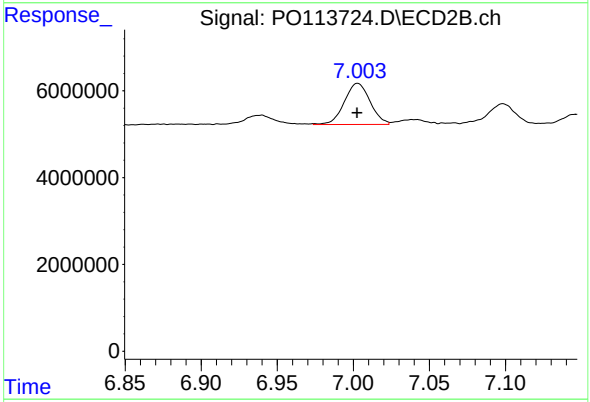
#34 AR-1260-4

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 24542000
Conc: 56.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

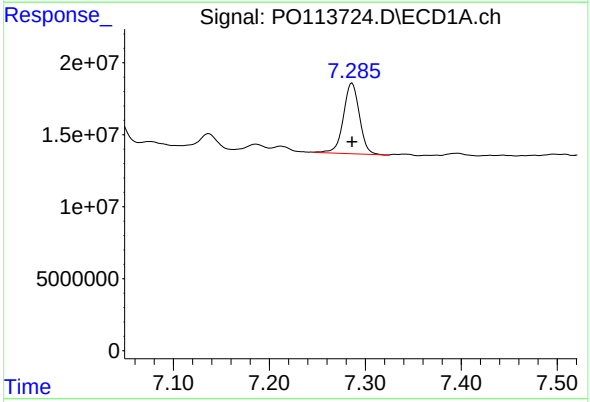
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



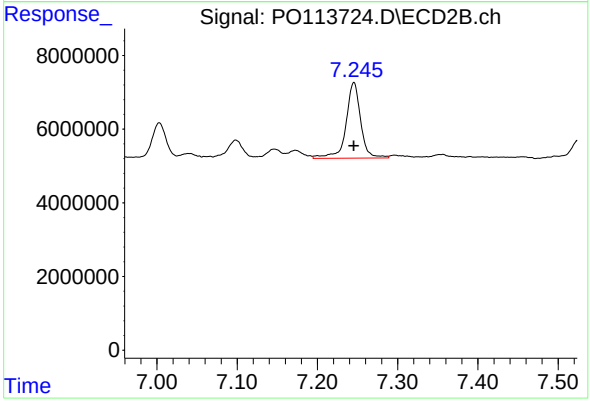
#34 AR-1260-4

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 11185219
Conc: 58.38 ng/ml m



#35 AR-1260-5

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 56933192
Conc: 50.26 ng/ml



#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: 0.000 min
Response: 25965493
Conc: 62.24 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113725.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:06
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: Sep 15 11:46:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:45:58 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...	3.659	3.651	435.5E6	262.7E6	50.000	50.000
2)	SA Decachlor...	8.669	8.614	324.6E6	101.5E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.870	3.858	48427821	33839498	500.000	500.000
9)	L2 AR-1221-2	3.956	3.944	35948096	25481100	500.000	500.000
10)	L2 AR-1221-3	4.031	4.018	118.4E6	78298360	500.000	500.000

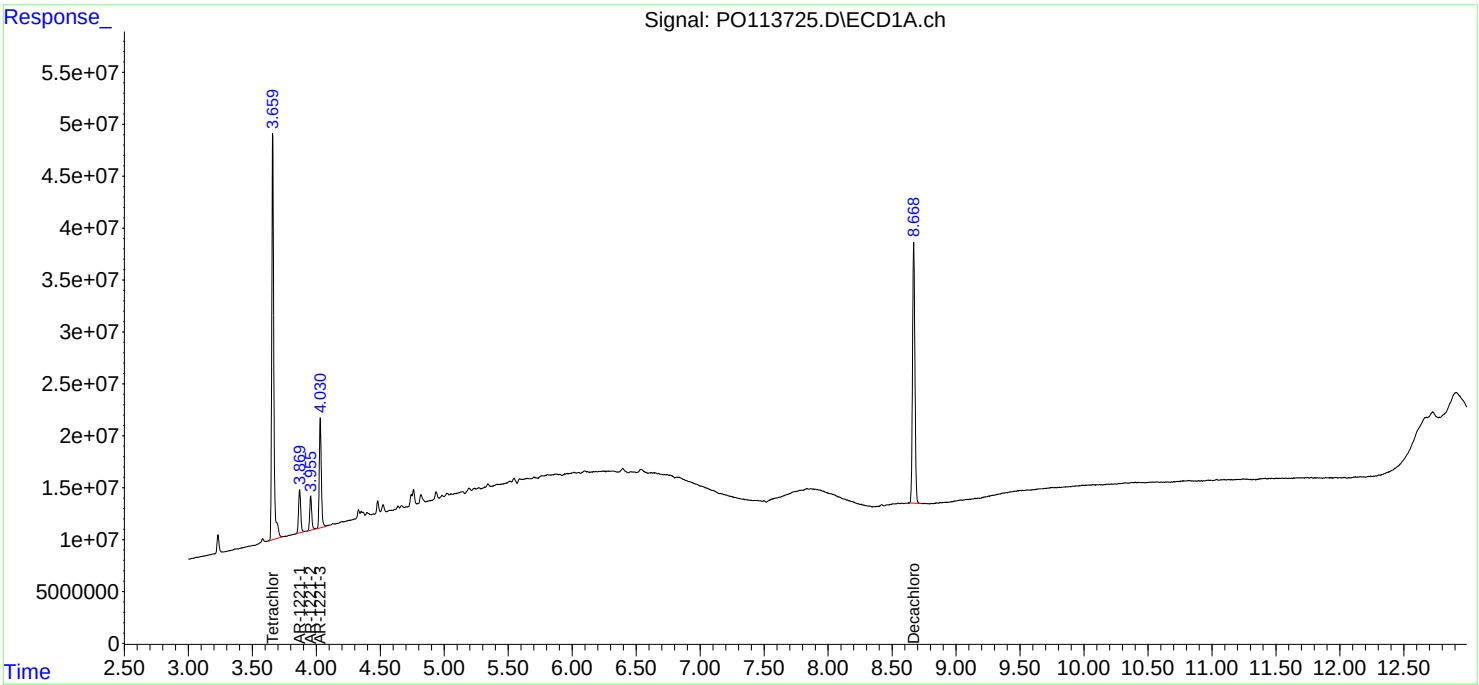
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

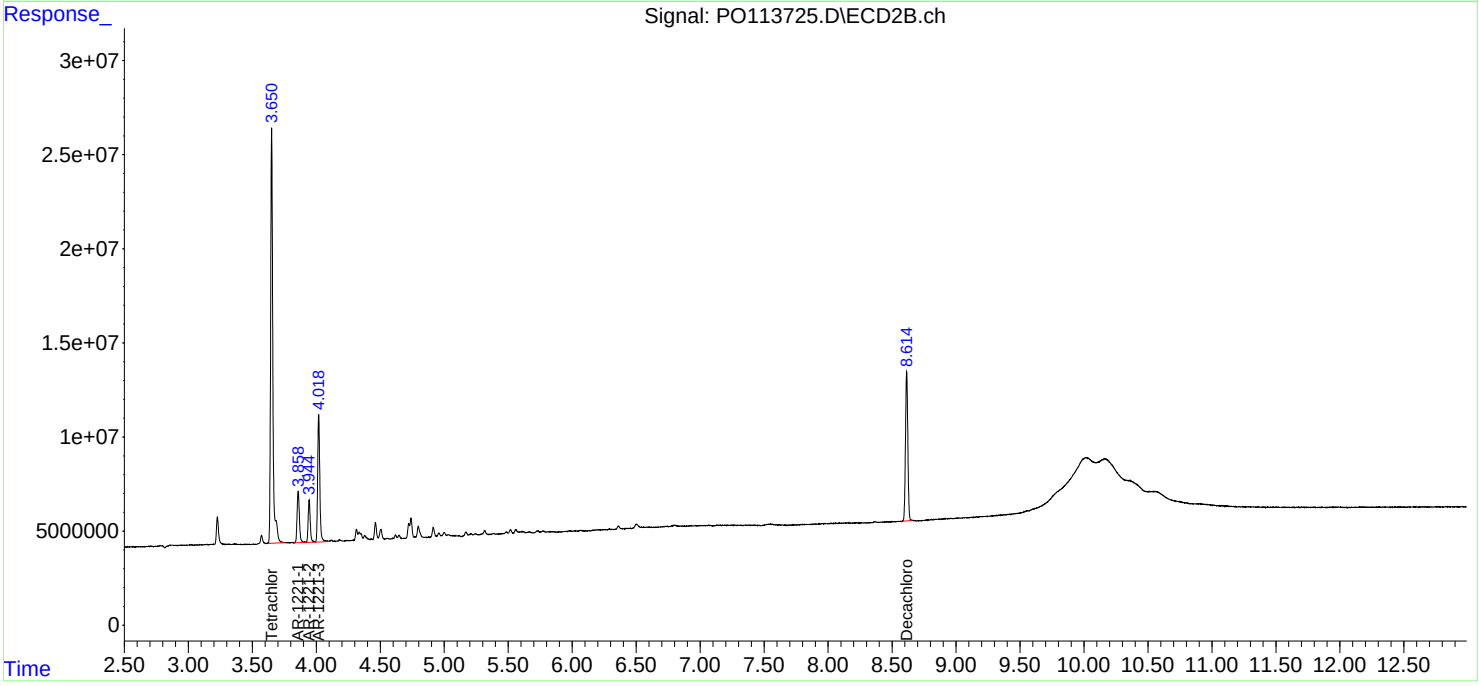
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113725.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:06
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

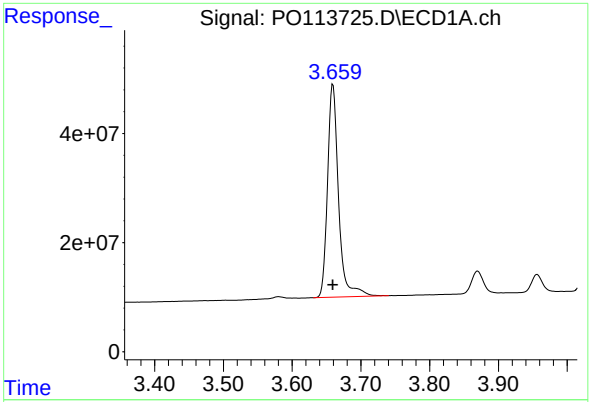
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:46:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:45:58 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



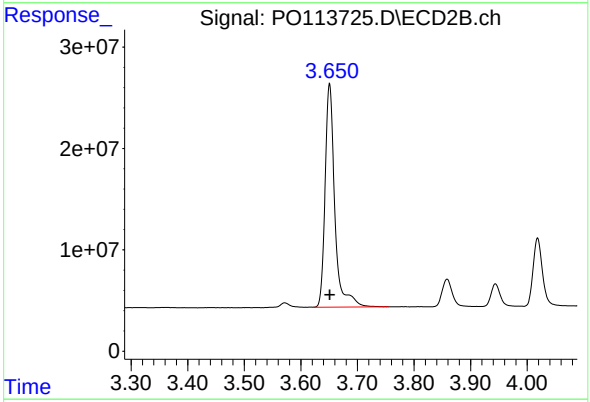




#1 Tetrachloro-m-xylene

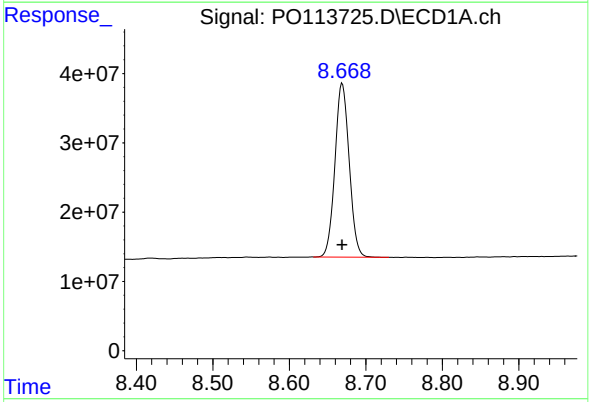
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 435531106
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



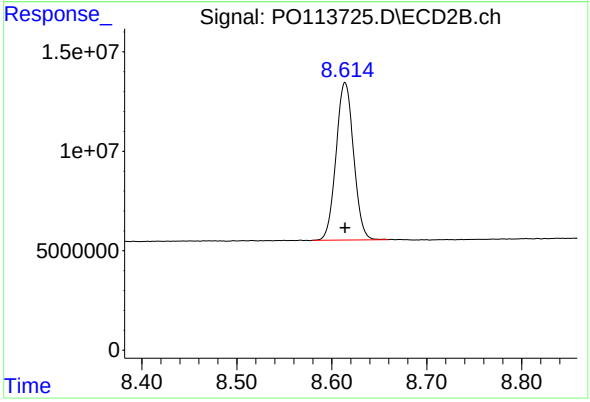
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 262659590
Conc: 50.00 ng/ml



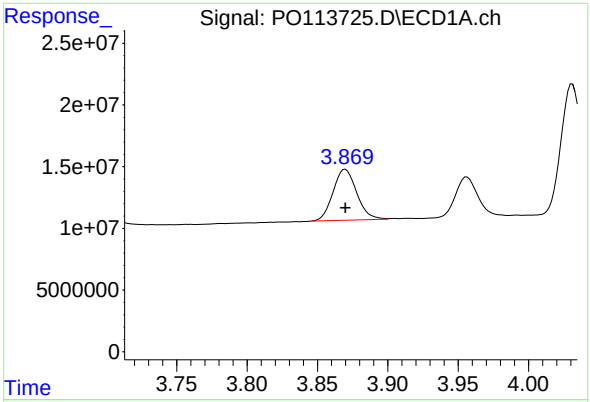
#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 324558042
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

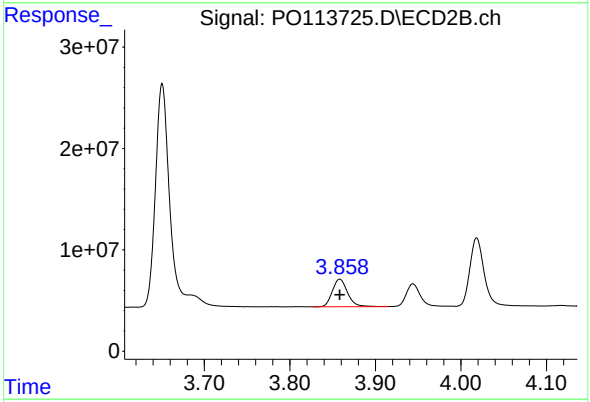
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 101530318
Conc: 50.00 ng/ml



#8 AR-1221-1

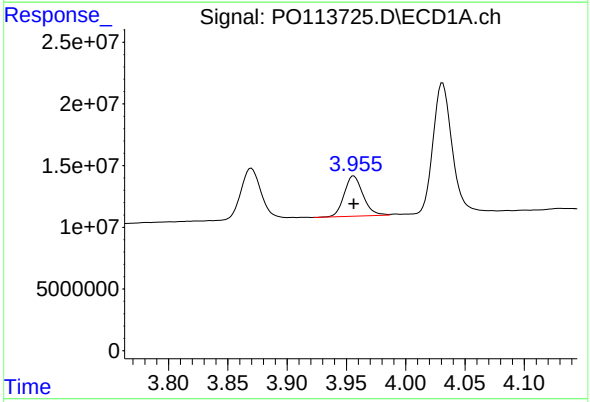
R.T.: 3.870 min
Delta R.T.: 0.000 min
Response: 48427821
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



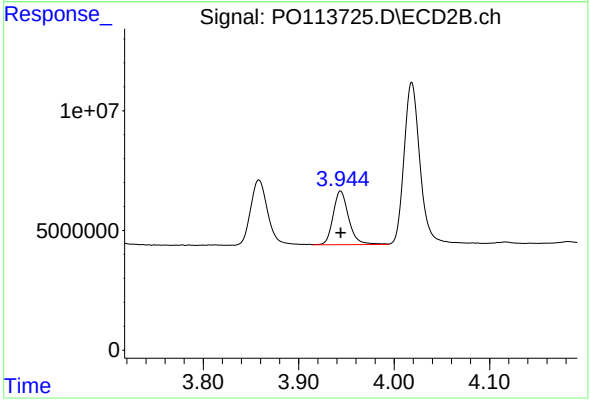
#8 AR-1221-1

R.T.: 3.858 min
Delta R.T.: 0.000 min
Response: 33839498
Conc: 500.00 ng/ml



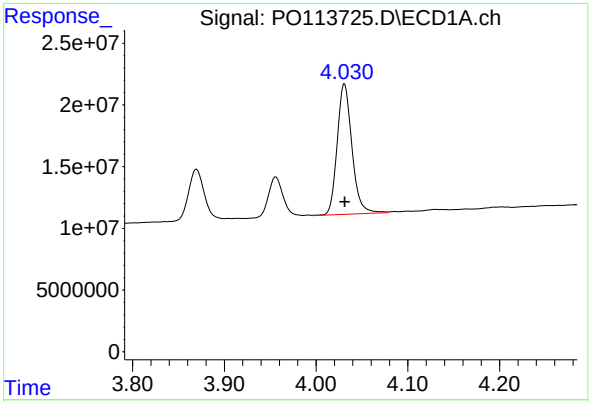
#9 AR-1221-2

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 35948096
Conc: 500.00 ng/ml



#9 AR-1221-2

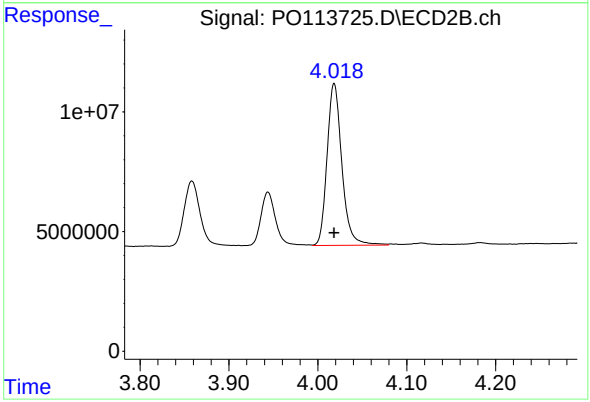
R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 25481100
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 118429116
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 78298360
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:25
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: Sep 15 11:52:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:52:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.650	429.5E6	257.8E6	50.000	50.000
2)	SA Decachlor...	8.671	8.616	334.7E6	103.1E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.031	4.018	87537440	59200862	500.000	500.000
12)	L3 AR-1232-2	4.521	4.740	47976450	61415553	500.000	500.000
13)	L3 AR-1232-3	4.760	4.914	98512468	33272859	500.000	500.000
14)	L3 AR-1232-4	4.937	4.999	49367482	29320487	500.000	500.000
15)	L3 AR-1232-5	4.980	5.169	32629799	30767257	500.000	500.000

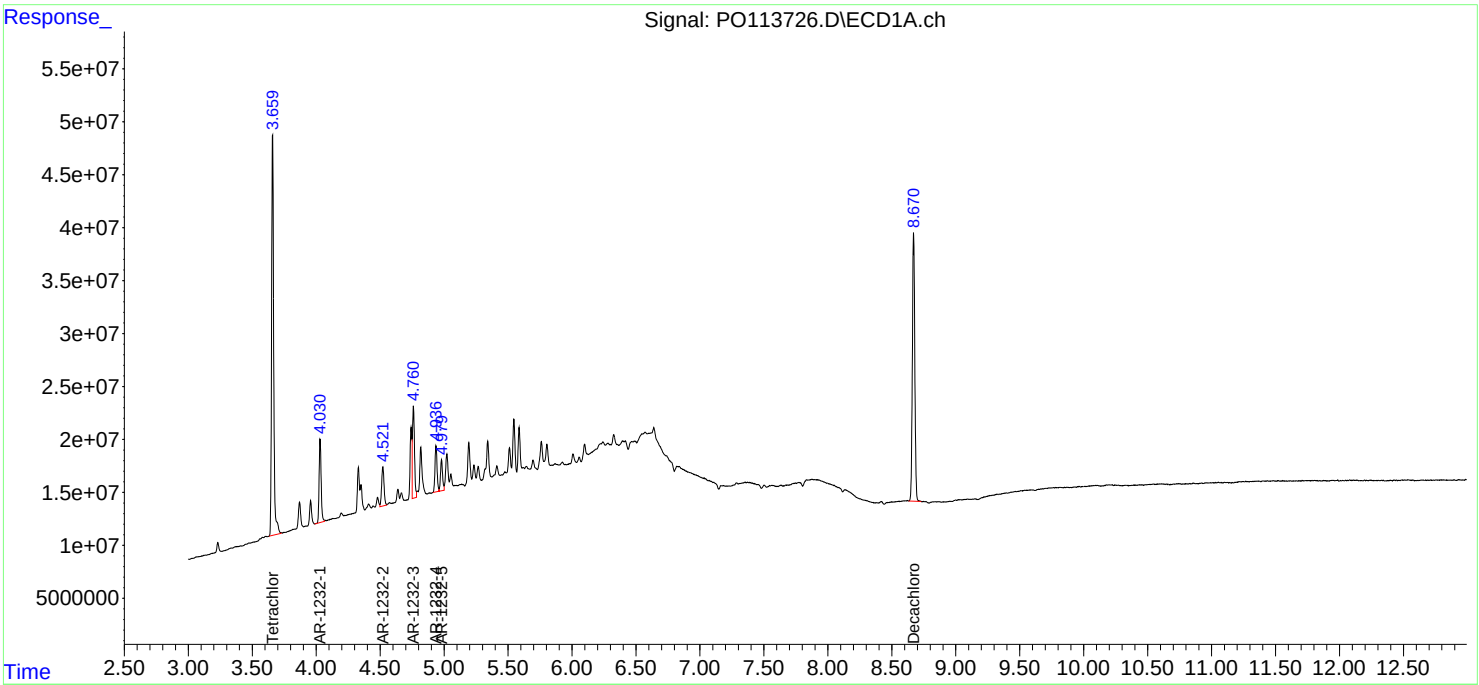
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

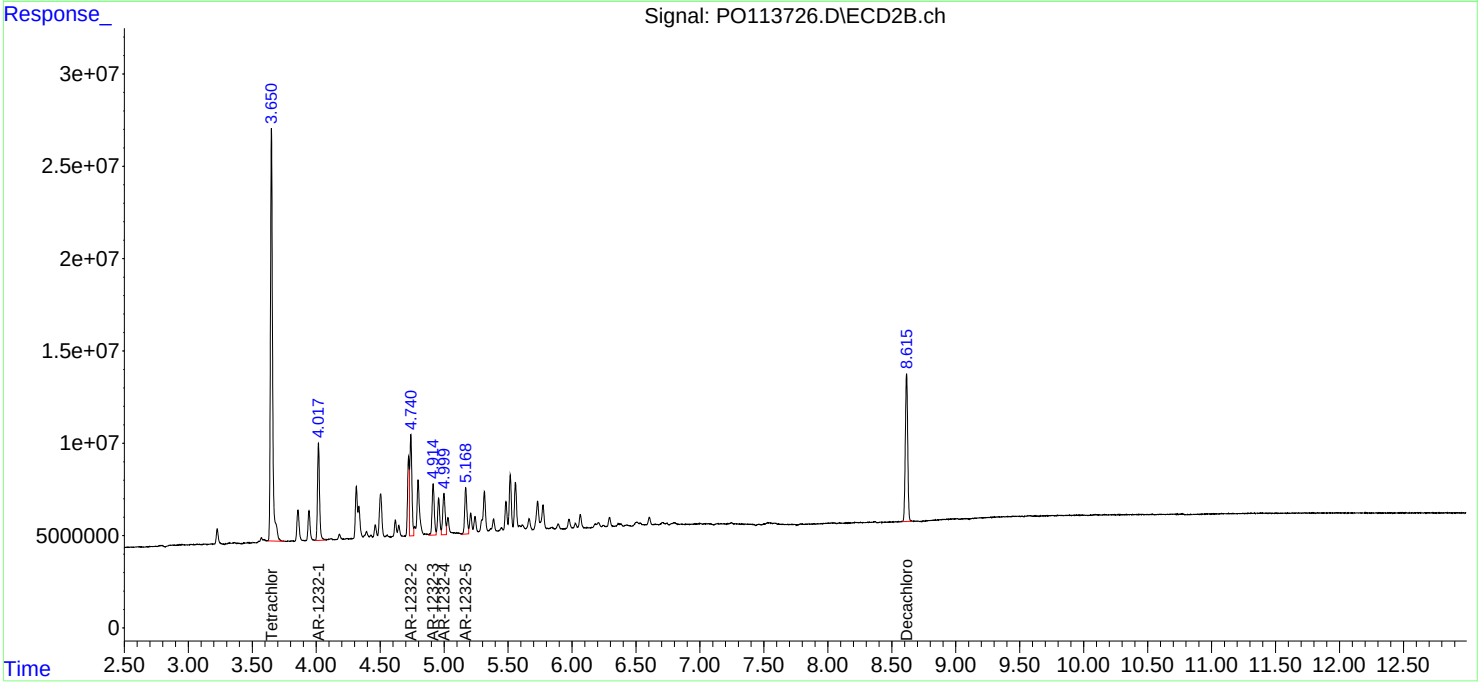
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:25
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

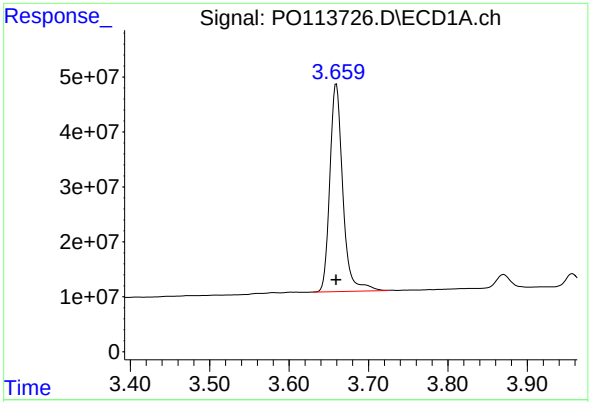
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 11:52:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 11:52:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



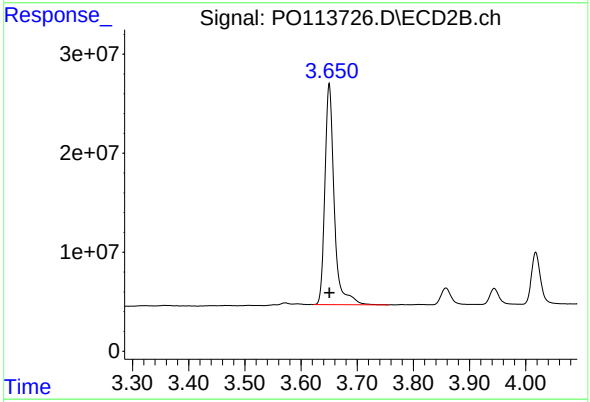




#1 Tetrachloro-m-xylene

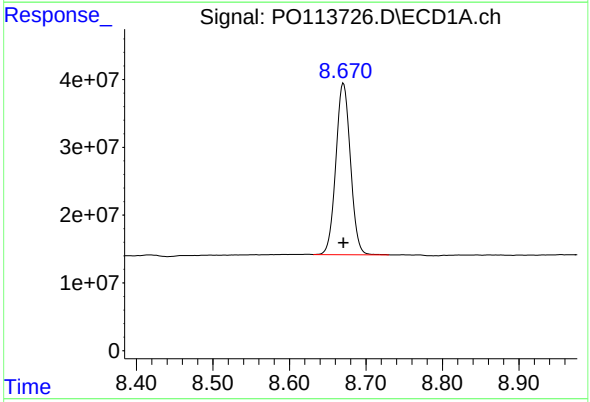
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 429543266
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



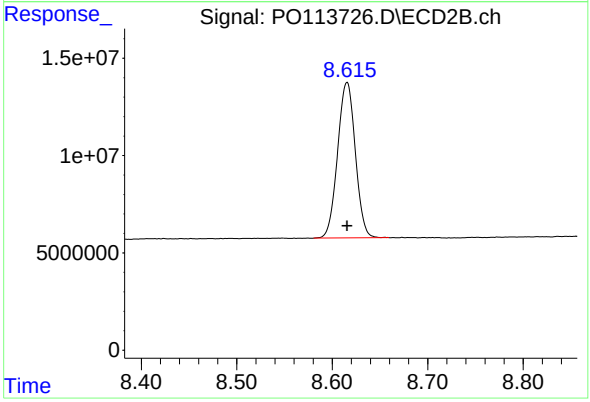
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 257764851
Conc: 50.00 ng/ml



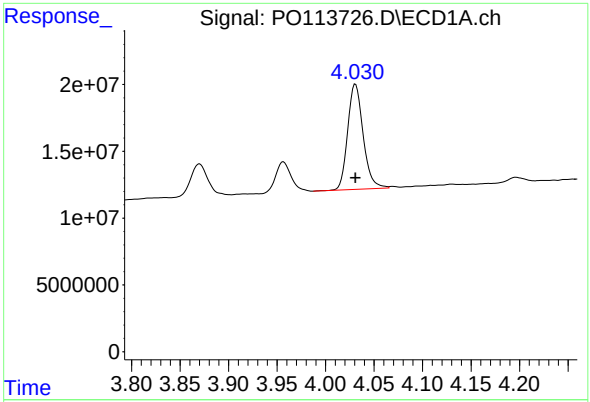
#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 334655547
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

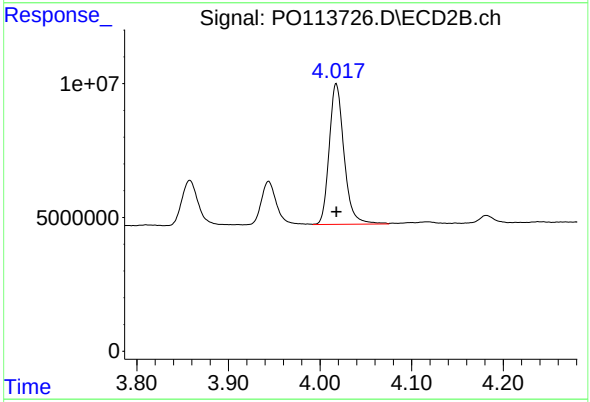
R.T.: 8.616 min
Delta R.T.: 0.000 min
Response: 103103784
Conc: 50.00 ng/ml



#11 AR-1232-1

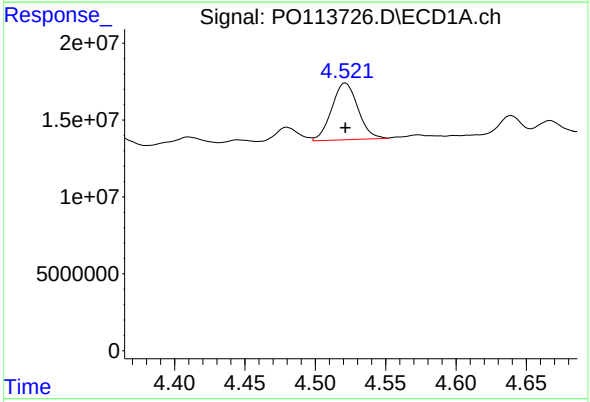
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 87537440
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



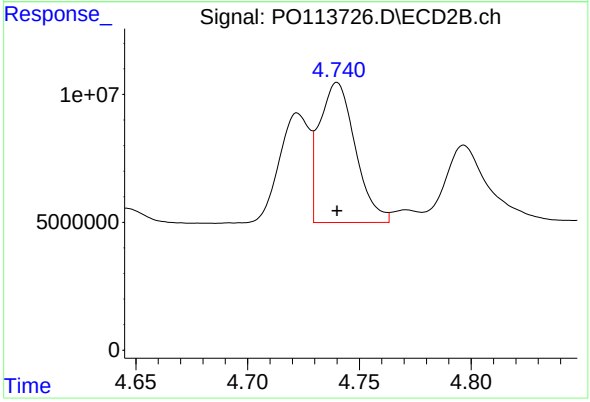
#11 AR-1232-1

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 59200862
Conc: 500.00 ng/ml



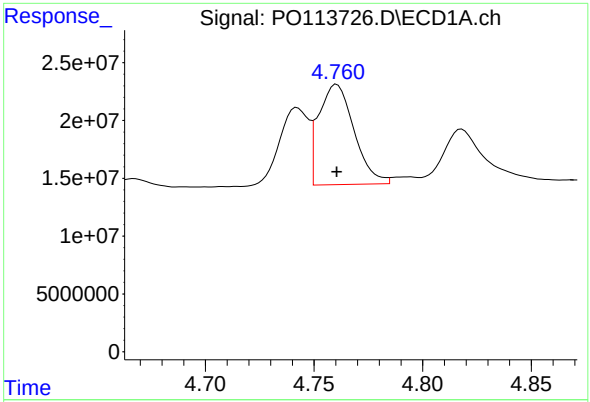
#12 AR-1232-2

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 47976450
Conc: 500.00 ng/ml



#12 AR-1232-2

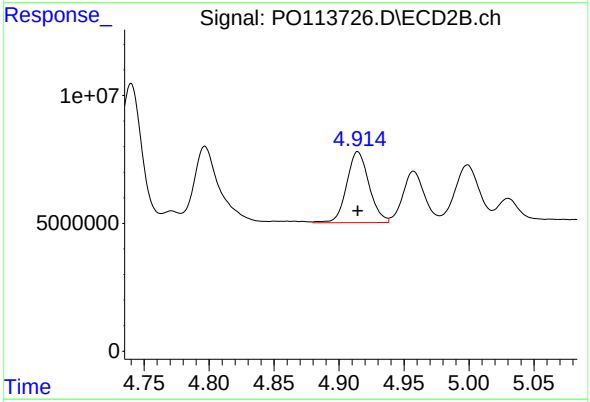
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 61415553
Conc: 500.00 ng/ml



#13 AR-1232-3

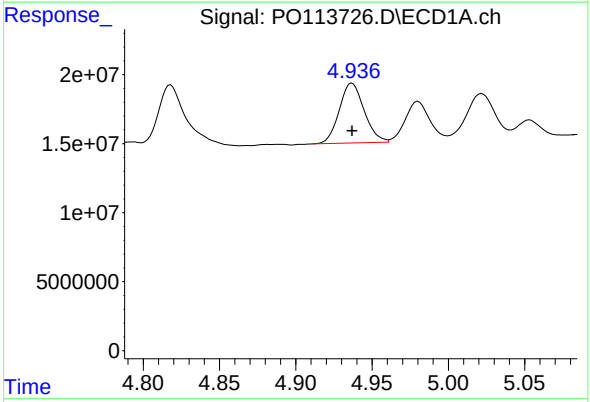
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 98512468
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



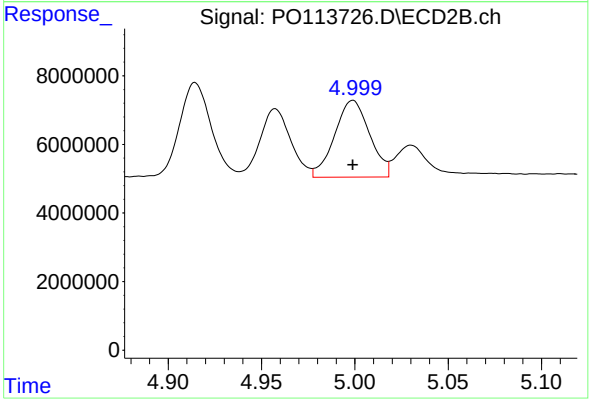
#13 AR-1232-3

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 33272859
Conc: 500.00 ng/ml



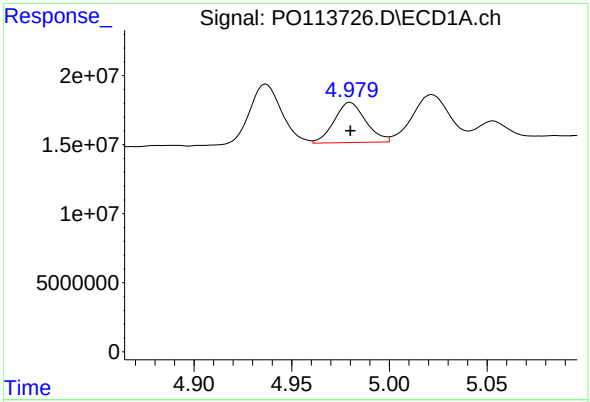
#14 AR-1232-4

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 49367482
Conc: 500.00 ng/ml



#14 AR-1232-4

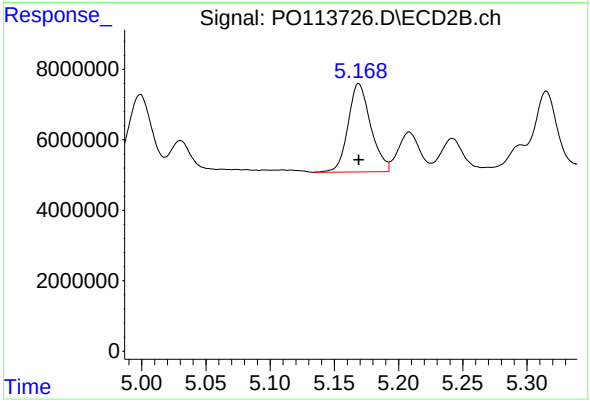
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 29320487
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 32629799
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 30767257
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113727.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:43
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: Sep 15 12:49:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:48:41 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...	3.659	3.651	856.9E6	508.2E6	103.413	102.682
2)	SA Decachlor...	8.671	8.615	662.5E6	201.3E6	98.781	98.964
	Target Compounds						
16)	L4 AR-1242-1	4.743	4.723	238.6E6	140.1E6	1022.174	1007.884
17)	L4 AR-1242-2	4.761	4.740	362.6E6	212.5E6	1028.745	1006.582
18)	L4 AR-1242-3	4.818	4.915	227.9E6	114.4E6	1023.990	992.567
19)	L4 AR-1242-4	4.937	4.999	185.7E6	109.0E6	1025.254	988.497
20)	L4 AR-1242-5	5.587	5.518	203.8E6	137.2E6	1022.117	984.036

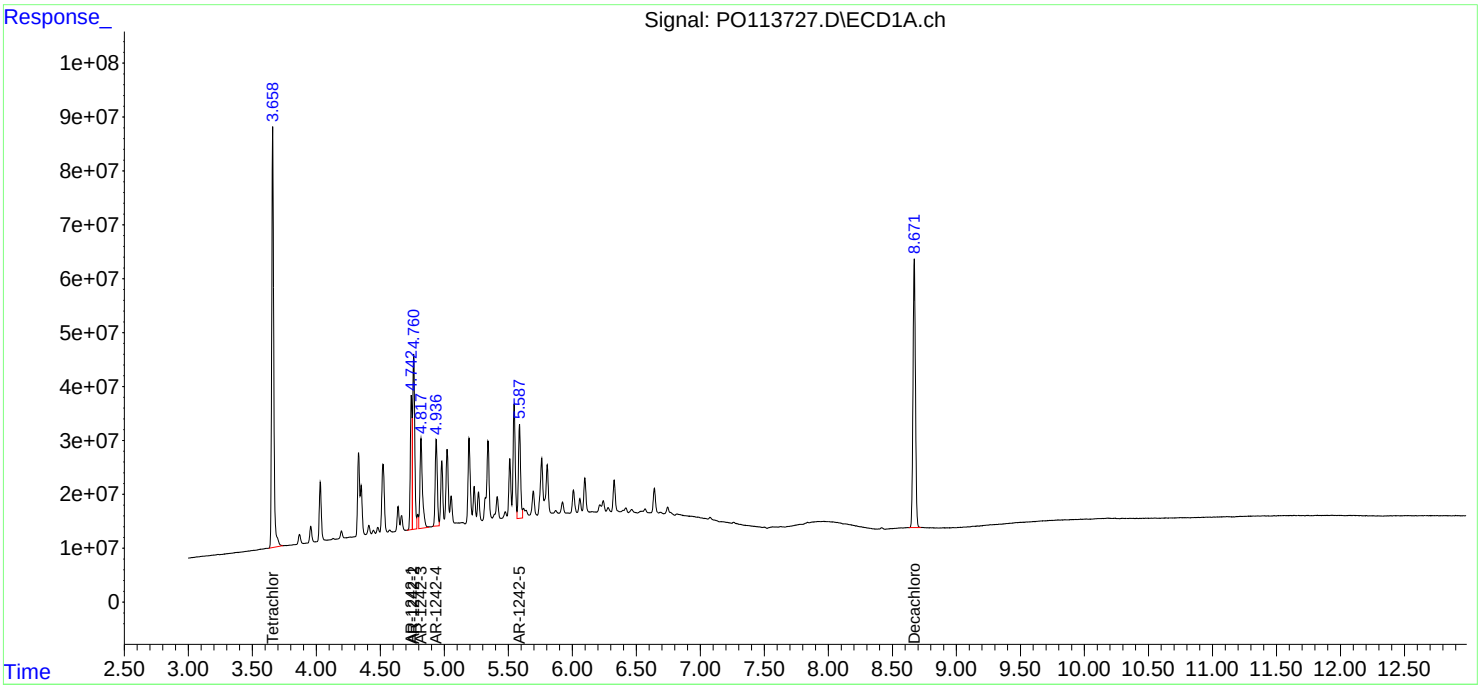
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

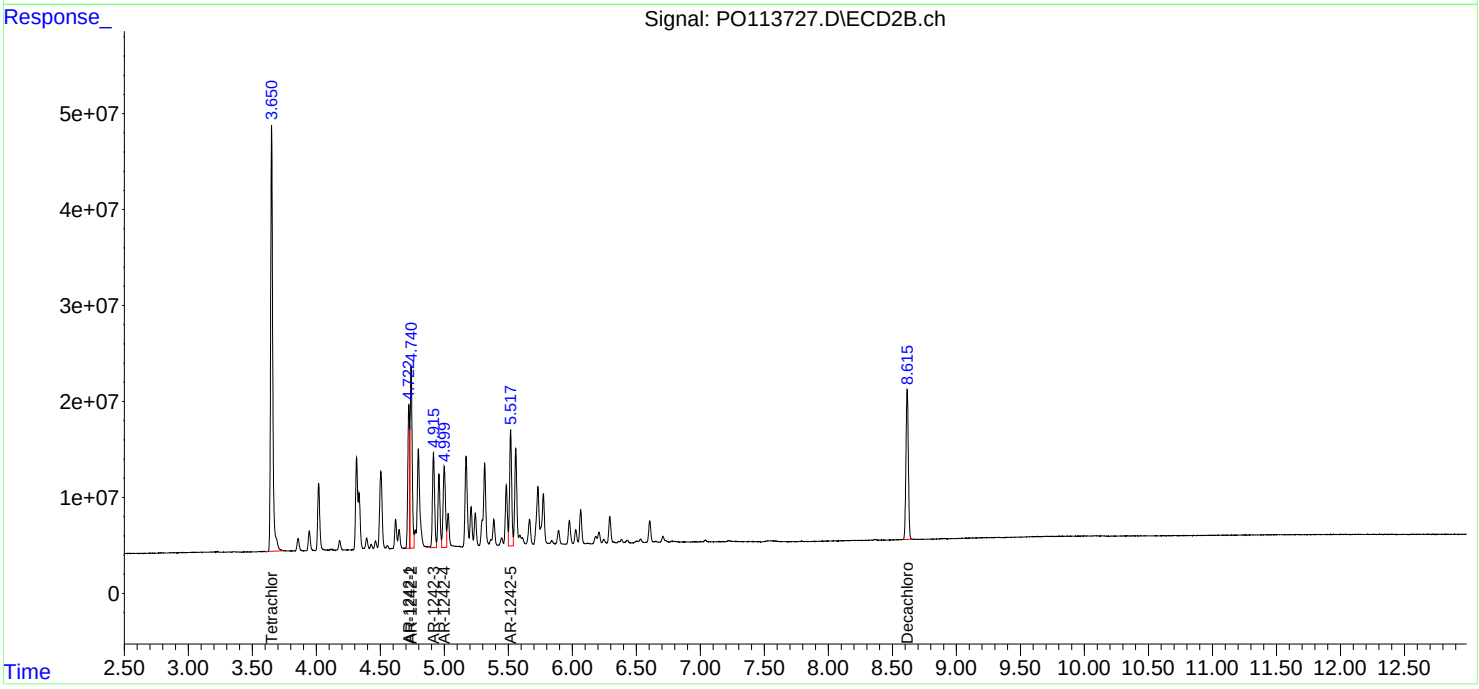
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113727.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 11:43
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

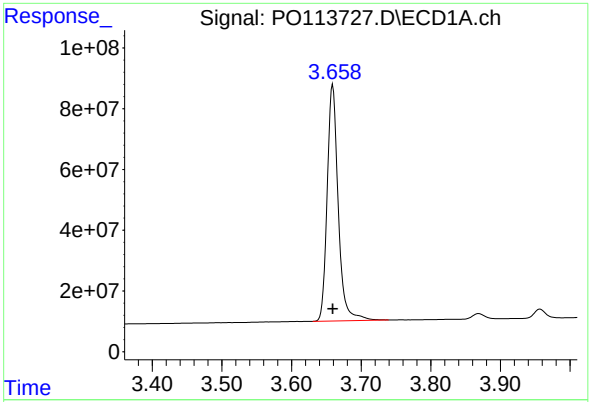
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 12:49:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:48:41 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



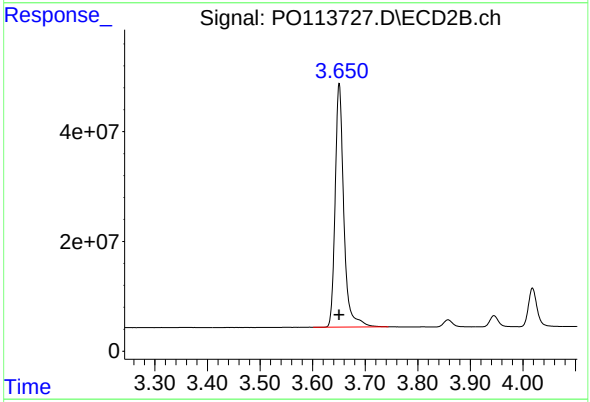




#1 Tetrachloro-m-xylene

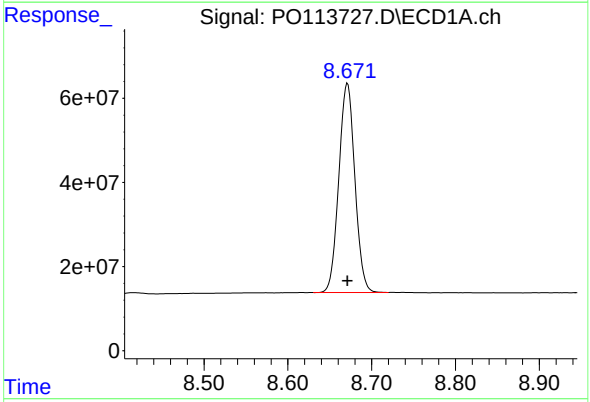
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 856875378
Conc: 103.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



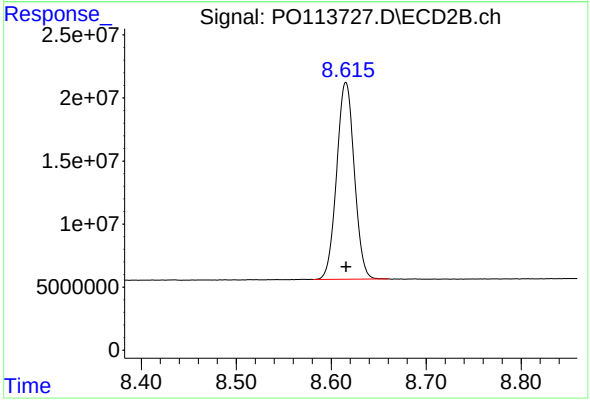
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 508196372
Conc: 102.68 ng/ml



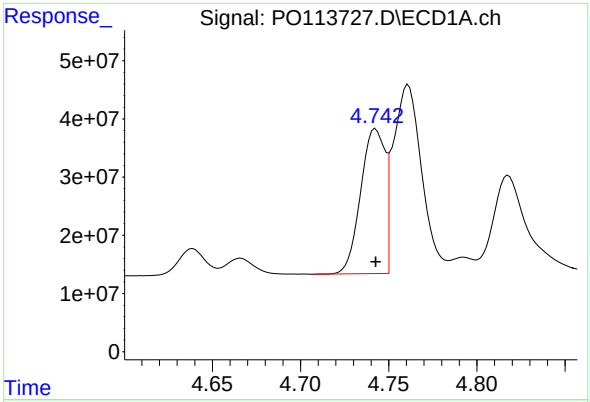
#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 662506344
Conc: 98.78 ng/ml



#2 Decachlorobiphenyl

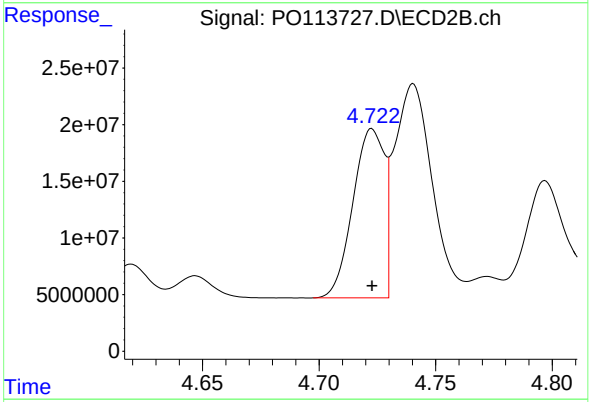
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 201323640
Conc: 98.96 ng/ml



#16 AR-1242-1

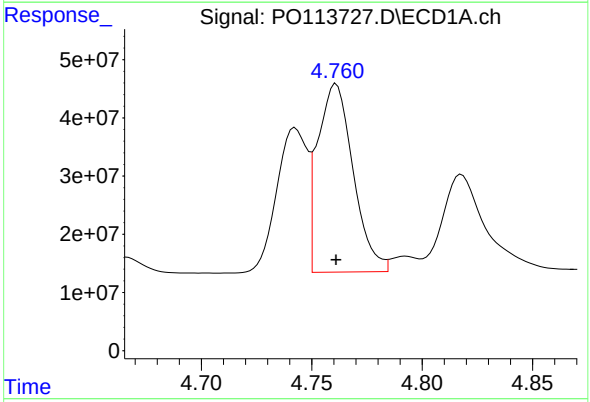
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 238599676
Conc: 1022.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



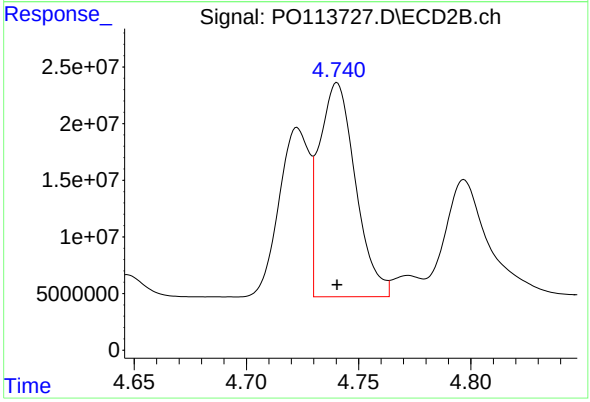
#16 AR-1242-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 140070279
Conc: 1007.88 ng/ml



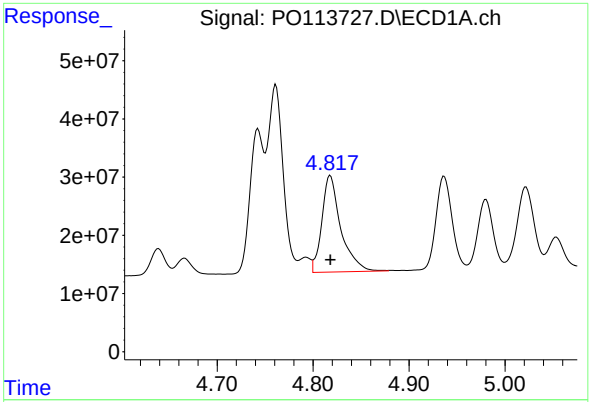
#17 AR-1242-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 362617467
Conc: 1028.74 ng/ml



#17 AR-1242-2

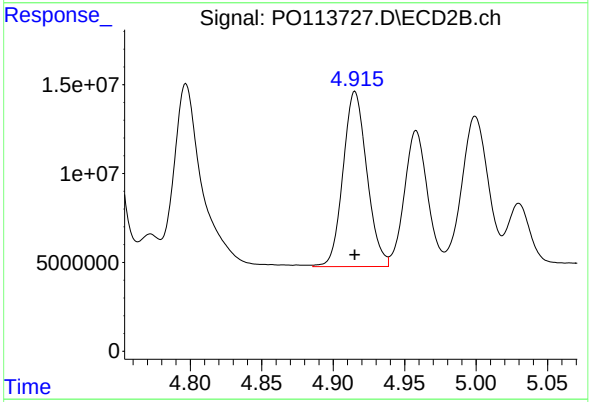
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 212507654
Conc: 1006.58 ng/ml



#18 AR-1242-3

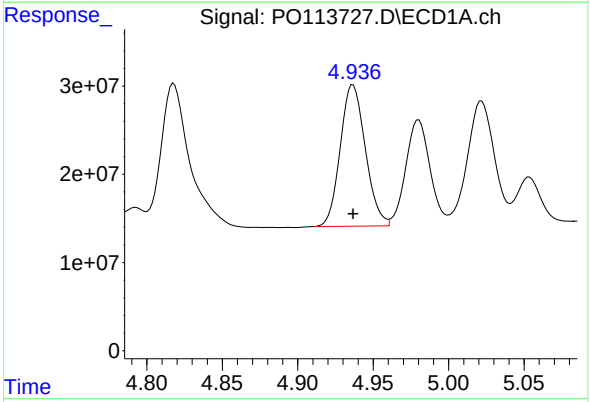
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 227891791
Conc: 1023.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



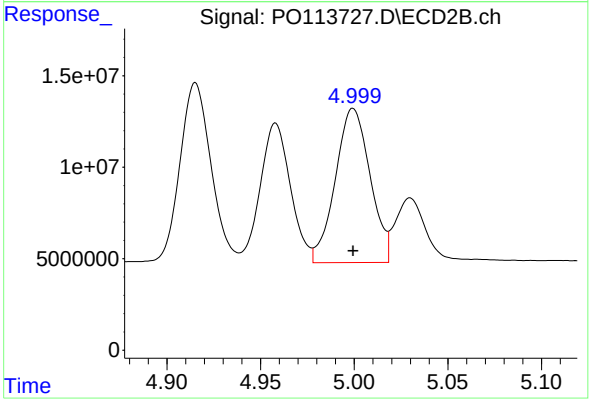
#18 AR-1242-3

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 114358137
Conc: 992.57 ng/ml



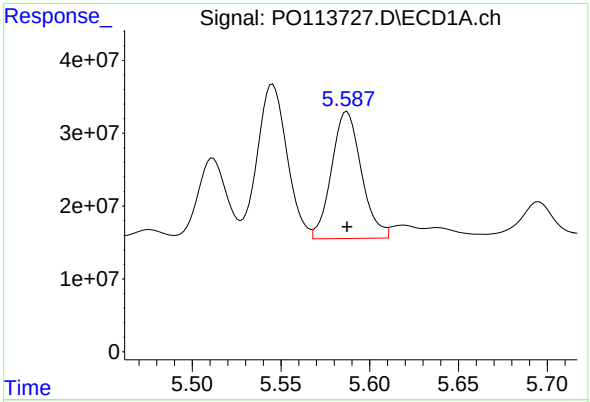
#19 AR-1242-4

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 185677557
Conc: 1025.25 ng/ml



#19 AR-1242-4

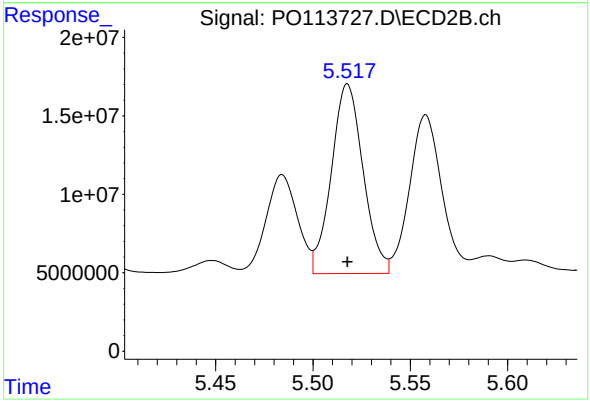
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 108951291
Conc: 988.50 ng/ml



#20 AR-1242-5

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 203750446
Conc: 1022.12 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 137204941
Conc: 984.04 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 12:02
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: Sep 15 12:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:52:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.651	637.8E6	380.3E6	76.303	76.216
2)	SA Decachlor...	8.671	8.615	500.6E6	152.8E6	74.760	75.061
	Target Compounds						
16)	L4 AR-1242-1	4.742	4.722	180.5E6	106.0E6	765.468	758.656
17)	L4 AR-1242-2	4.761	4.740	270.5E6	162.2E6	761.594	762.181
18)	L4 AR-1242-3	4.818	4.915	171.0E6	87325225	762.136	755.272
19)	L4 AR-1242-4	4.936	5.000	139.6E6	82992496	763.702	751.982
20)	L4 AR-1242-5	5.586	5.518	154.3E6	105.2E6	765.978	752.843

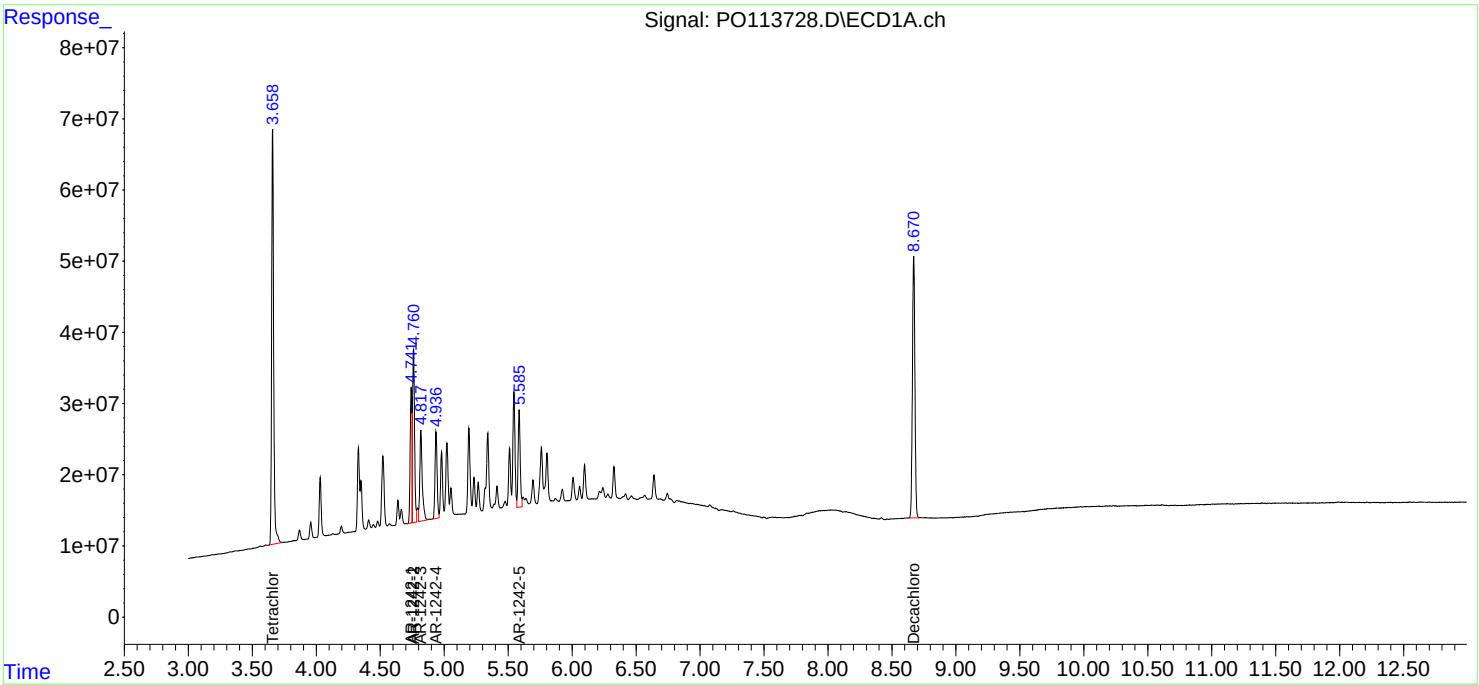
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

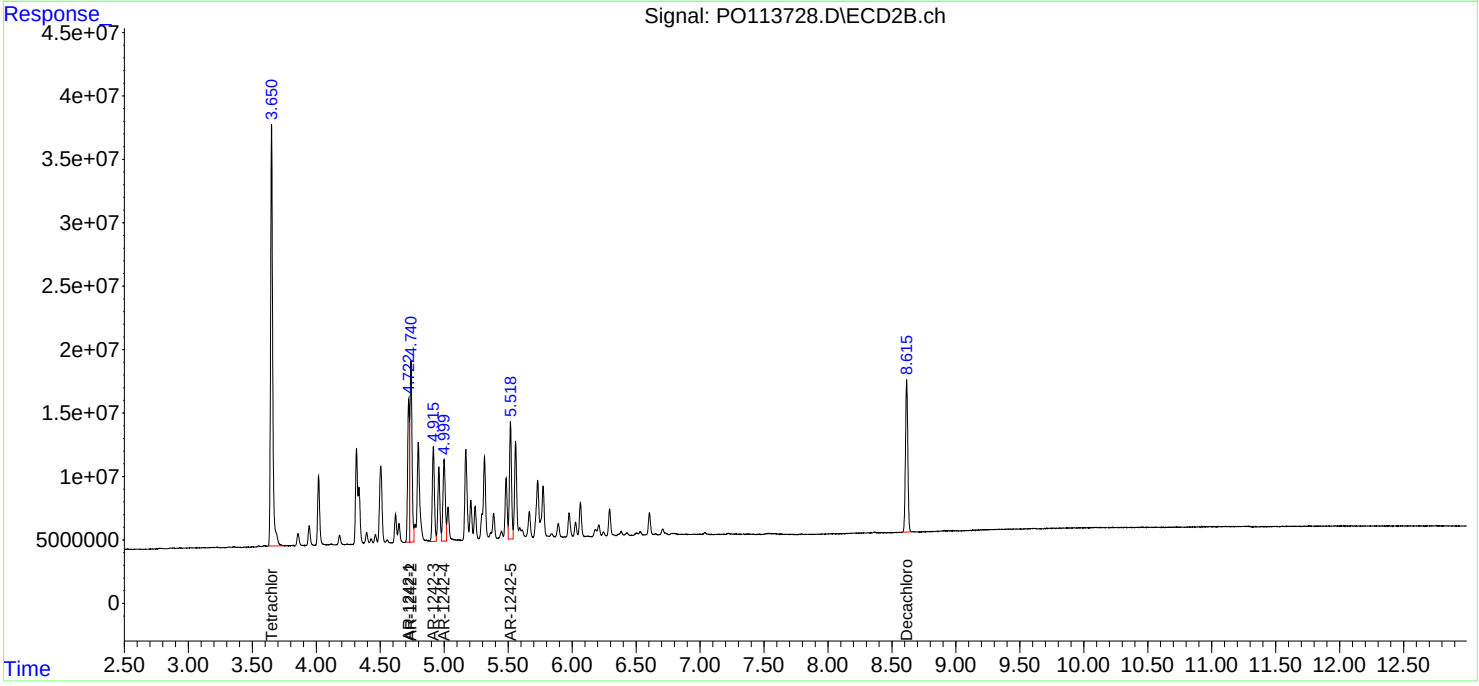
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 12:02
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

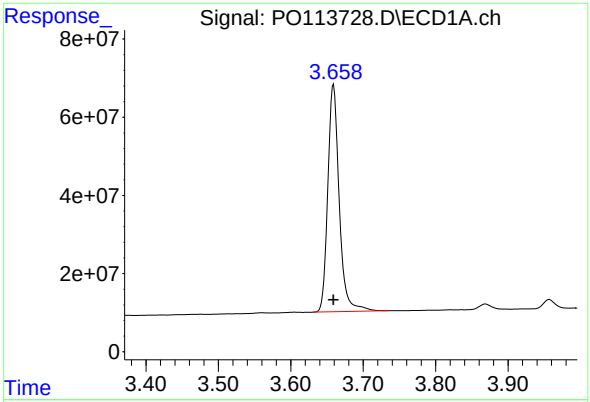
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 12:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:52:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



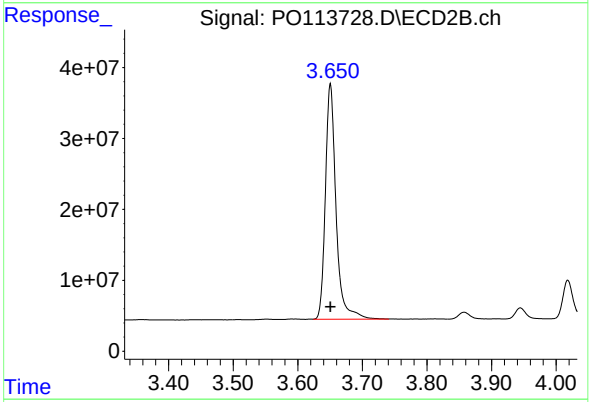




#1 Tetrachloro-m-xylene

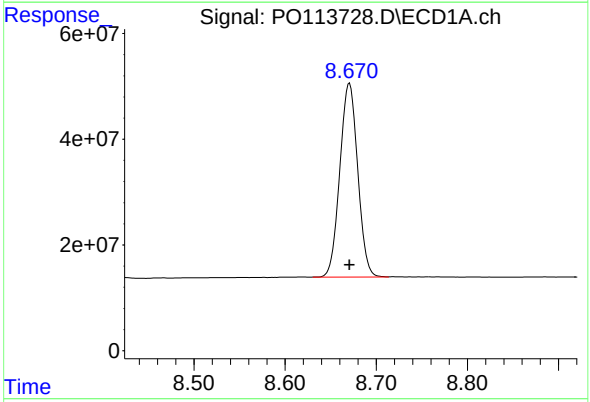
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 637786263
Conc: 76.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



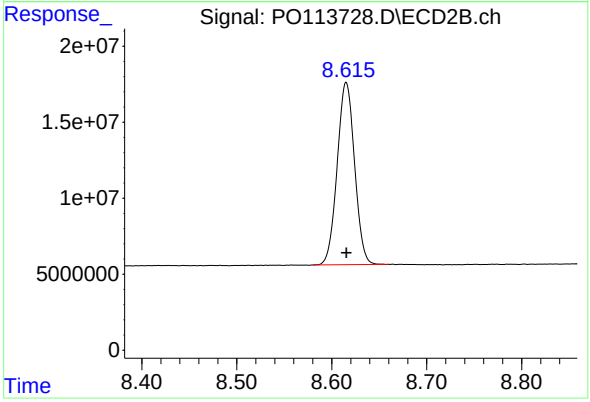
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 380292529
Conc: 76.22 ng/ml



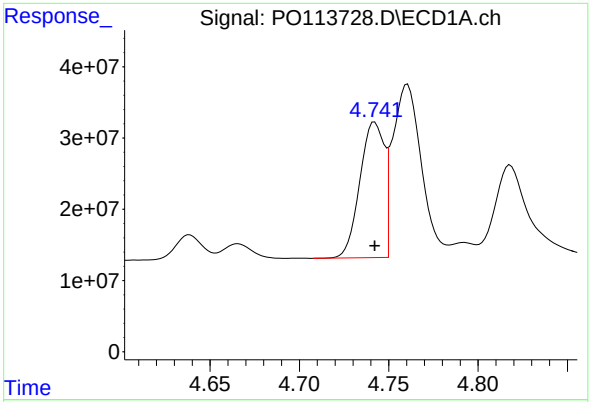
#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 500600346
Conc: 74.76 ng/ml



#2 Decachlorobiphenyl

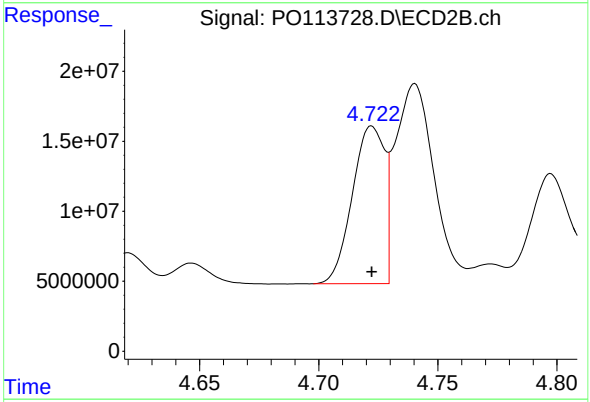
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 152761388
Conc: 75.06 ng/ml



#16 AR-1242-1

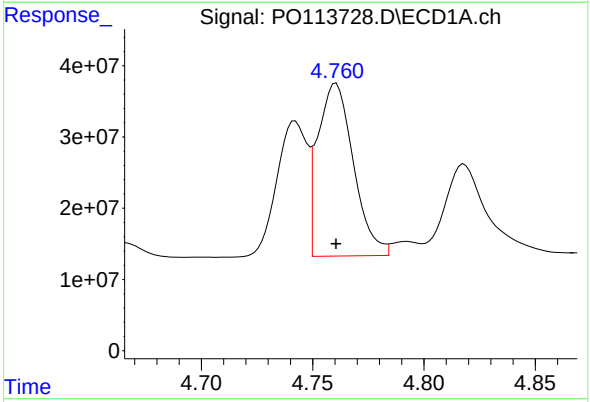
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 180540262
Conc: 765.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



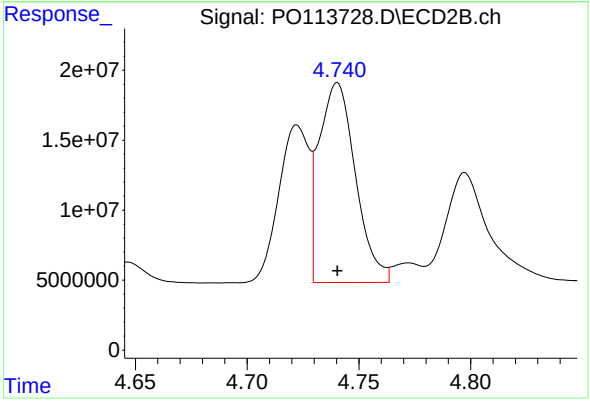
#16 AR-1242-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 106045908
Conc: 758.66 ng/ml



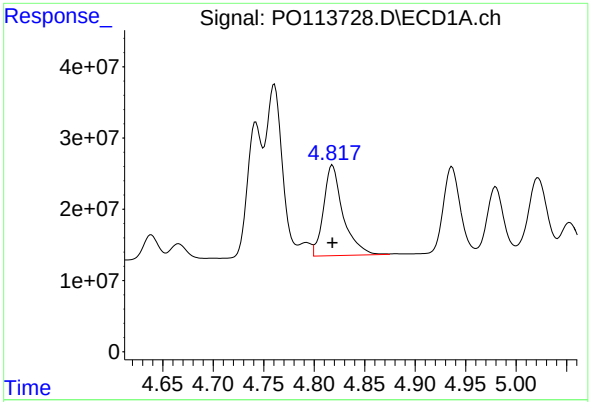
#17 AR-1242-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 270542028
Conc: 761.59 ng/ml



#17 AR-1242-2

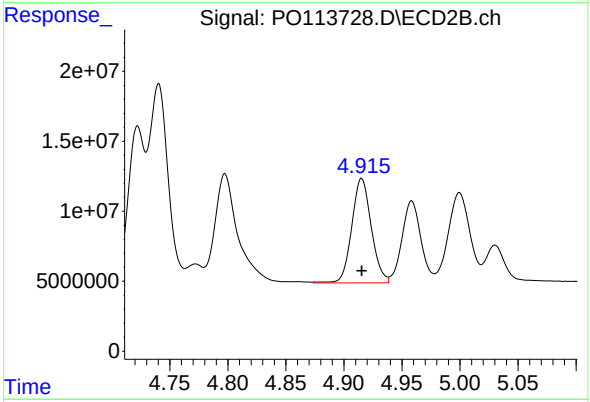
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 162227634
Conc: 762.18 ng/ml



#18 AR-1242-3

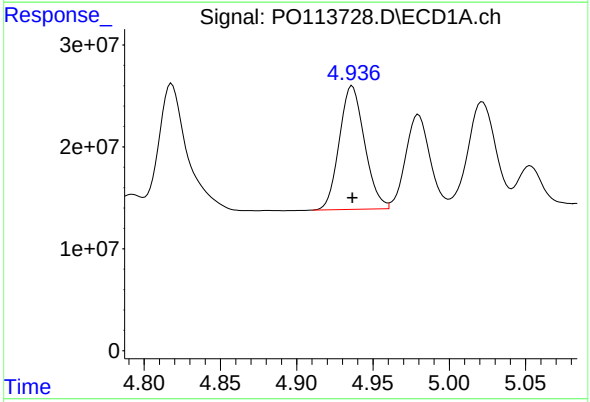
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 170999101
Conc: 762.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



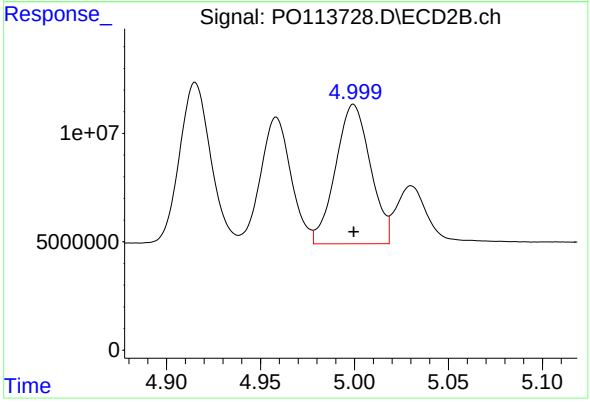
#18 AR-1242-3

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 87325225
Conc: 755.27 ng/ml



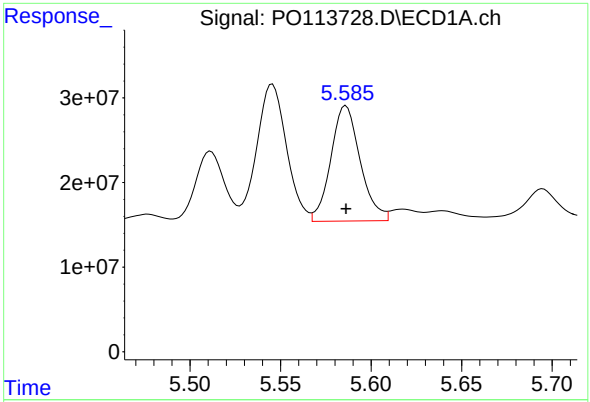
#19 AR-1242-4

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 139584335
Conc: 763.70 ng/ml



#19 AR-1242-4

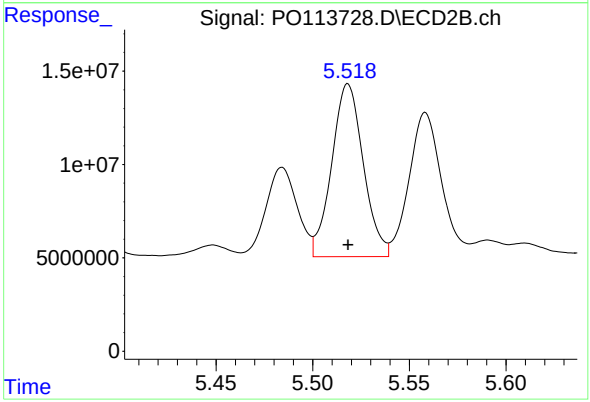
R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 82992496
Conc: 751.98 ng/ml



#20 AR-1242-5

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 154335190
Conc: 765.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 105168837
Conc: 752.84 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113729.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 12:20
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: Sep 15 12:44:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:44:08 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...	3.659	3.650	400.2E6	240.8E6	50.000	50.000
2)	SA Decachlor...	8.671	8.615	339.4E6	102.8E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.743	4.723	114.1E6	68939510	500.000	500.000
17)	L4 AR-1242-2	4.761	4.740	171.2E6	104.9E6	500.000	500.000
18)	L4 AR-1242-3	4.818	4.915	108.6E6	58035506	500.000	500.000
19)	L4 AR-1242-4	4.937	5.000	88265119	55743459	500.000	500.000
20)	L4 AR-1242-5	5.587	5.518	97466339	70828355	500.000	500.000

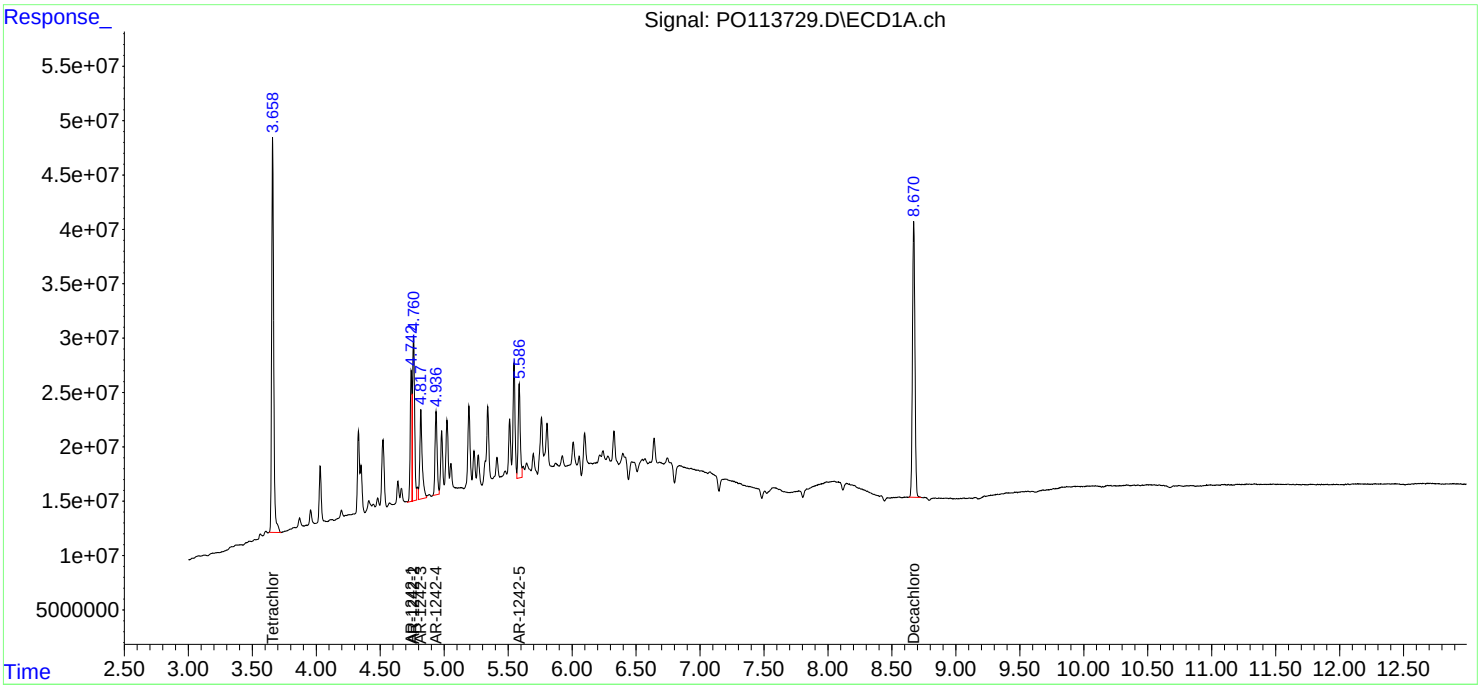
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

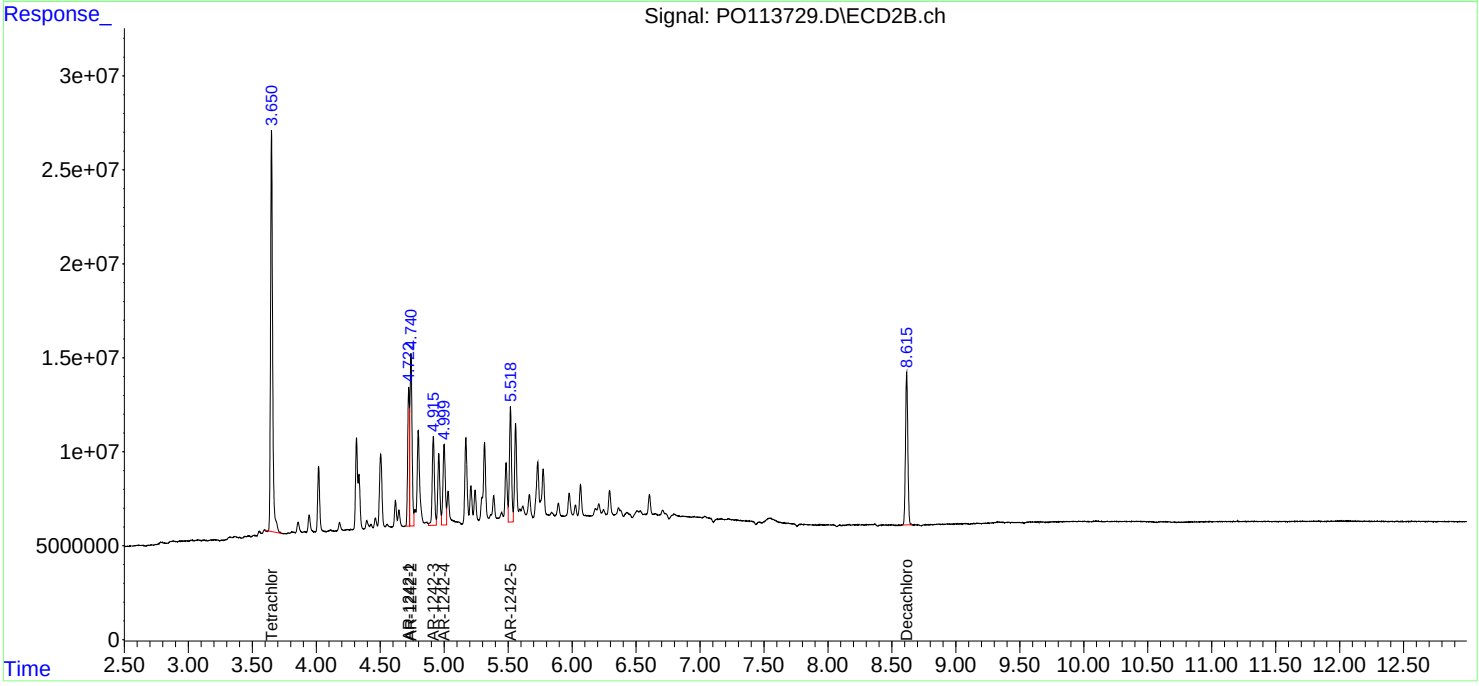
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113729.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 12:20
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

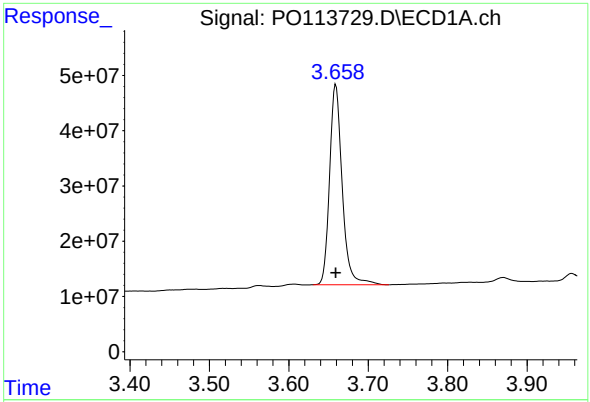
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 12:44:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:44:08 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



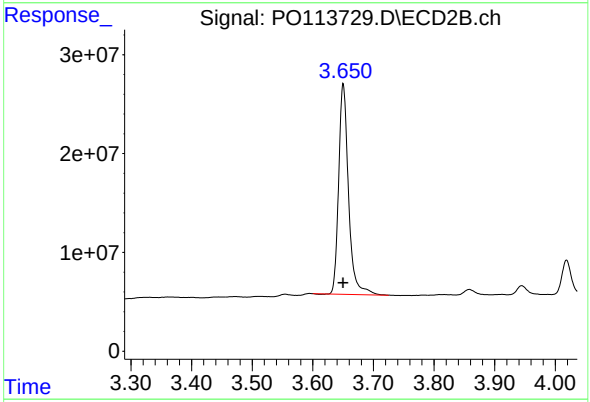




#1 Tetrachloro-m-xylene

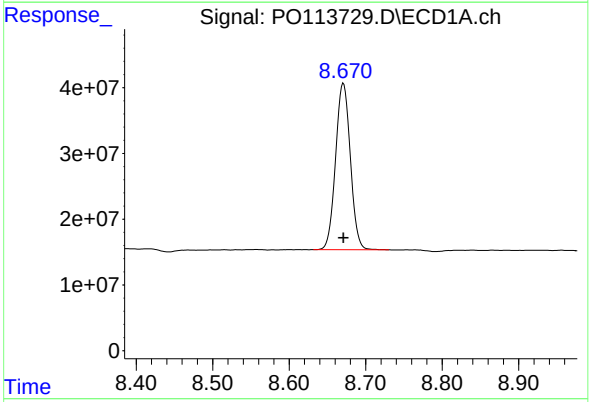
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 400157817
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



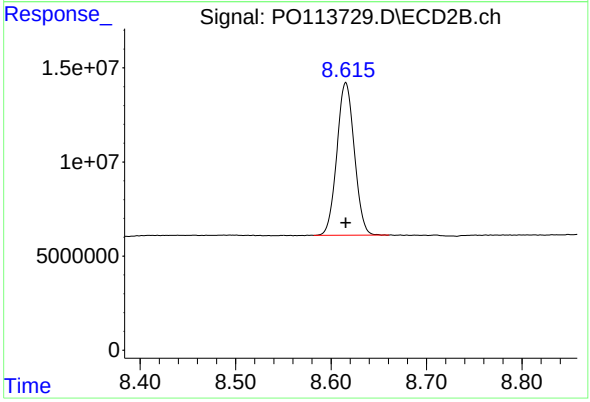
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 240822244
Conc: 50.00 ng/ml



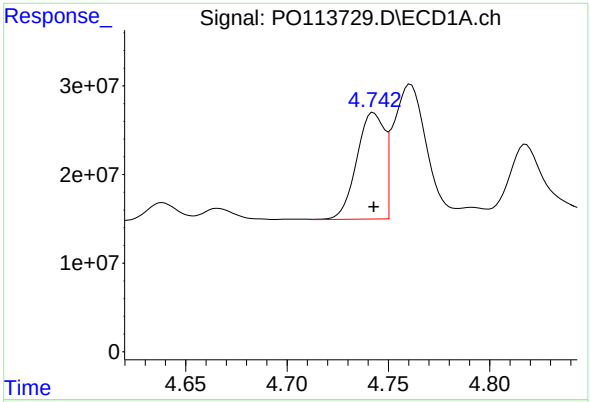
#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 339430123
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

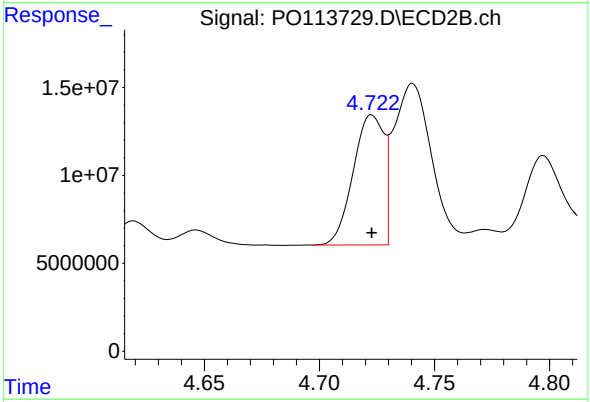
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 102769974
Conc: 50.00 ng/ml



#16 AR-1242-1

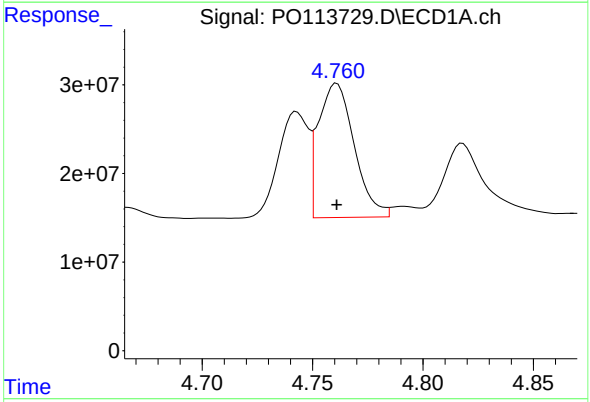
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 114123879
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



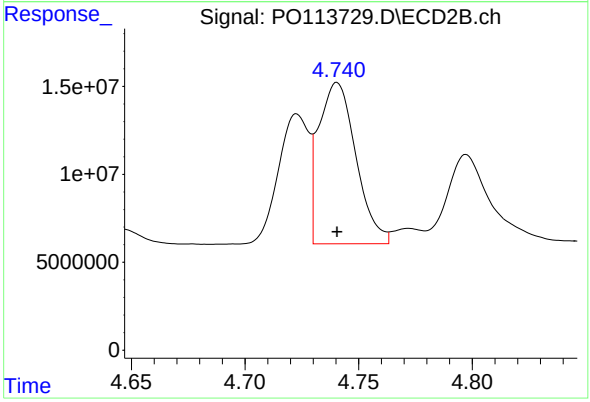
#16 AR-1242-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 68939510
Conc: 500.00 ng/ml



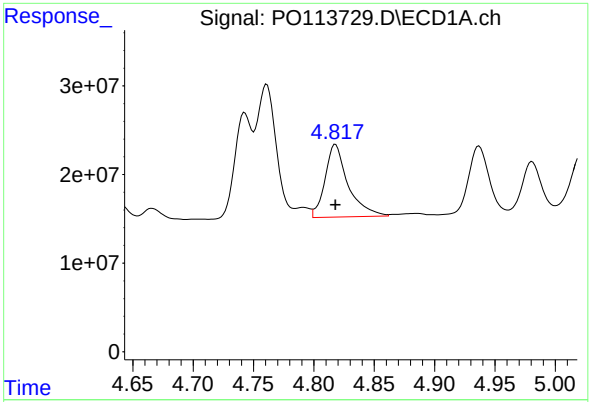
#17 AR-1242-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 171176675
Conc: 500.00 ng/ml



#17 AR-1242-2

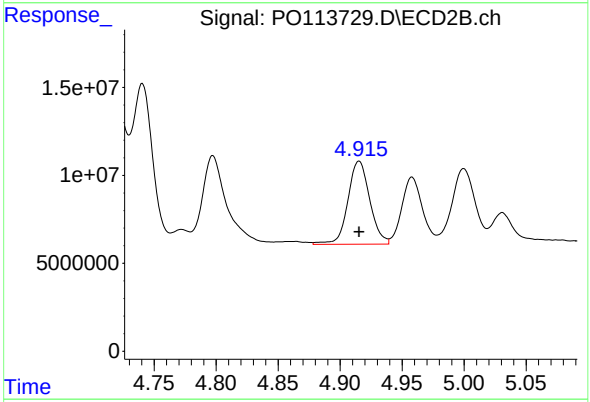
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 104864198
Conc: 500.00 ng/ml



#18 AR-1242-3

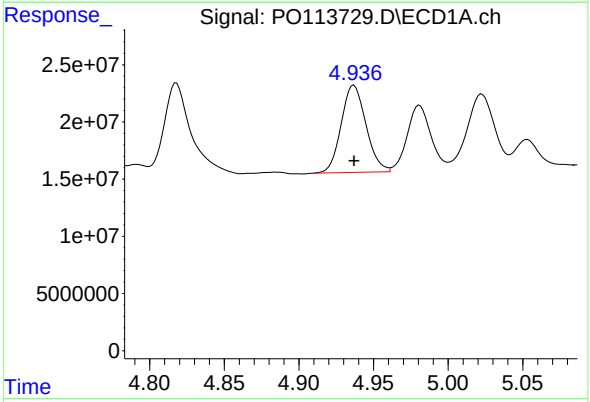
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 108606824
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



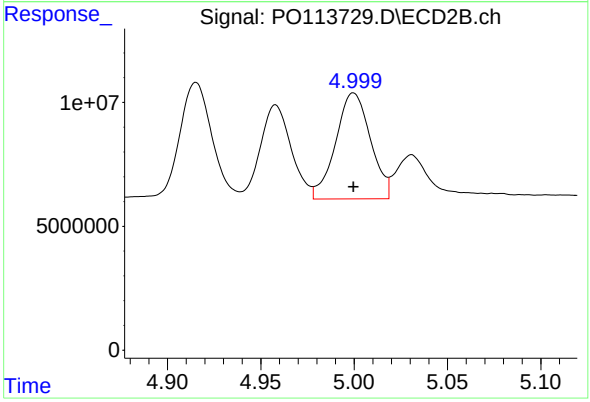
#18 AR-1242-3

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 58035506
Conc: 500.00 ng/ml



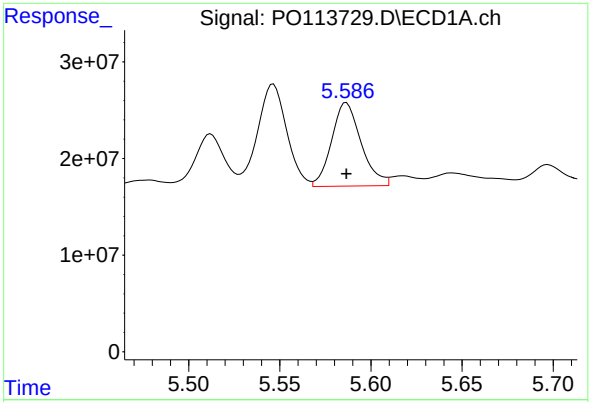
#19 AR-1242-4

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 88265119
Conc: 500.00 ng/ml



#19 AR-1242-4

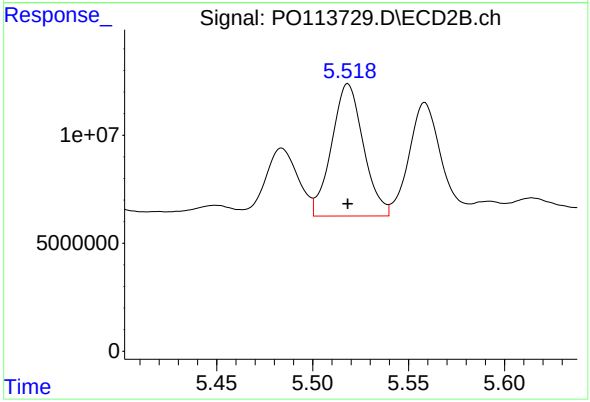
R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 55743459
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 97466339
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 70828355
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113730.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 12:38
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: Sep 15 12:58:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:58:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.650	227.2E6	137.2E6	26.605	26.824
2)	SA Decachlor...	8.670	8.615	179.3E6	54699761	26.313	26.382
	Target Compounds						
16)	L4 AR-1242-1	4.743	4.722	64289772	40282392	266.562	277.583
17)	L4 AR-1242-2	4.761	4.740	98374124	60995385	269.668	276.460
18)	L4 AR-1242-3	4.818	4.915	61891602	33632533	268.898	279.460
19)	L4 AR-1242-4	4.937	4.999	50545262	32527588	269.395	282.109
20)	L4 AR-1242-5	5.587	5.518	58614341	41036519	279.475	281.442

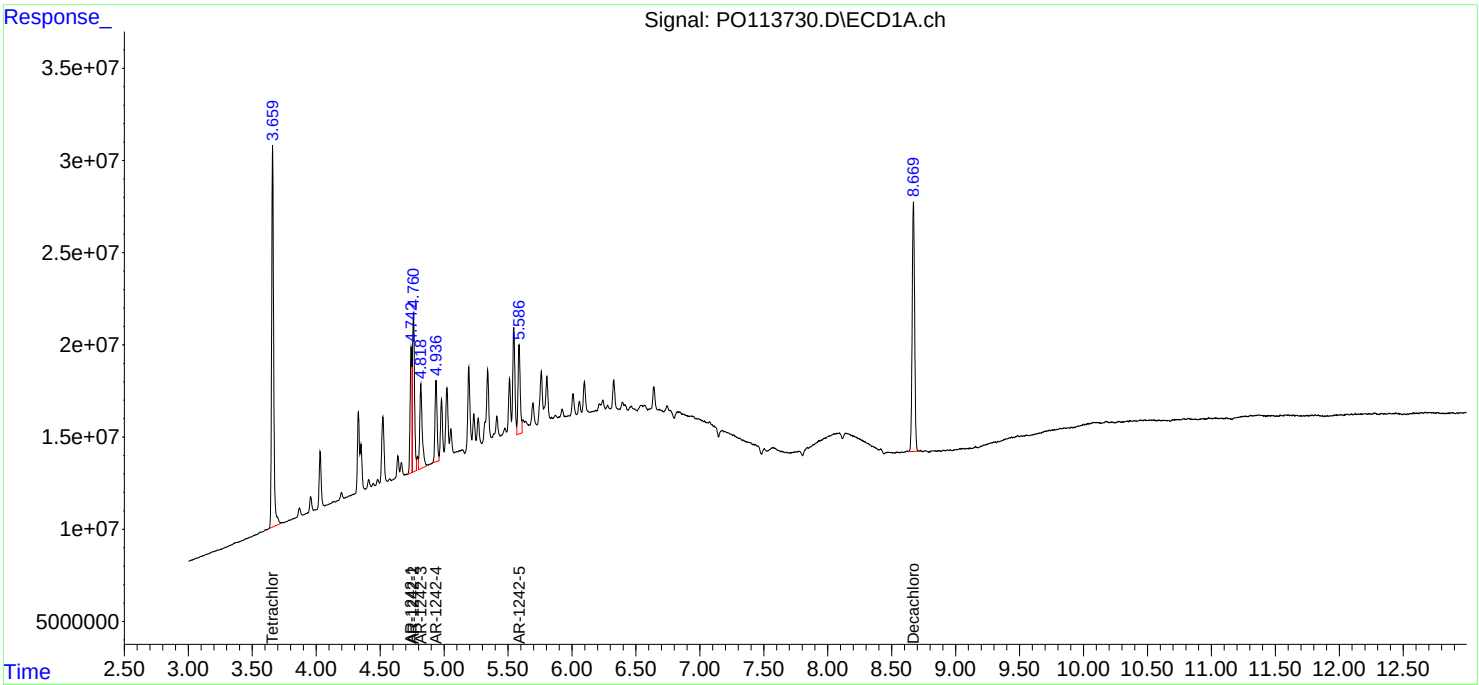
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

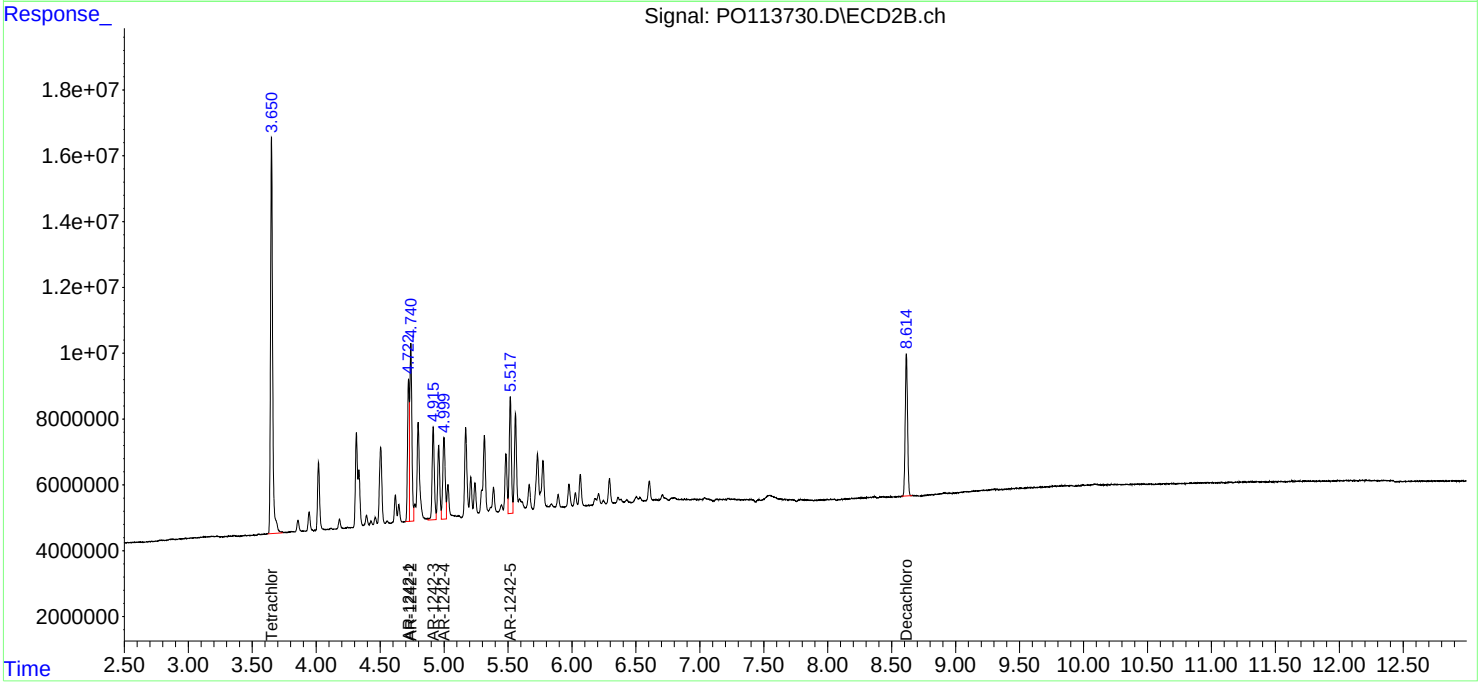
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113730.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 12:38
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

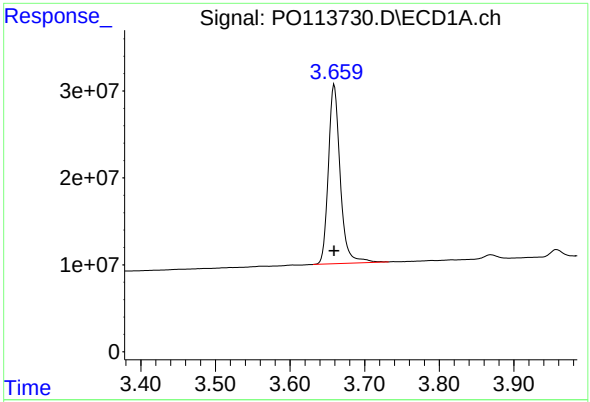
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 12:58:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 12:58:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



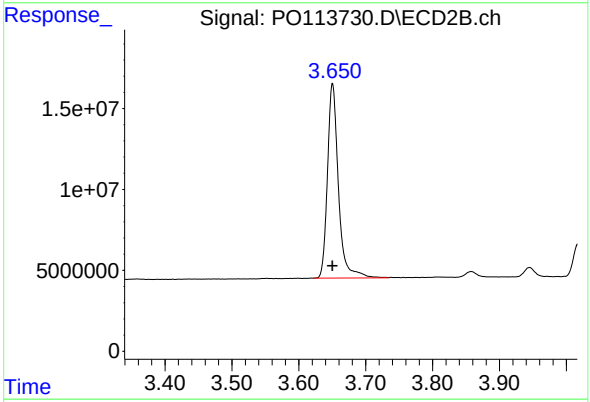




#1 Tetrachloro-m-xylene

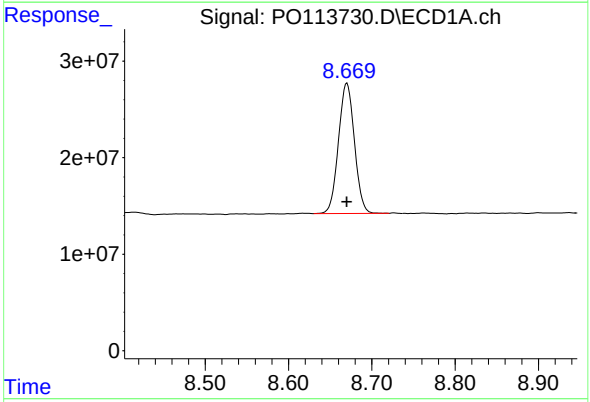
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 227243775
Conc: 26.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



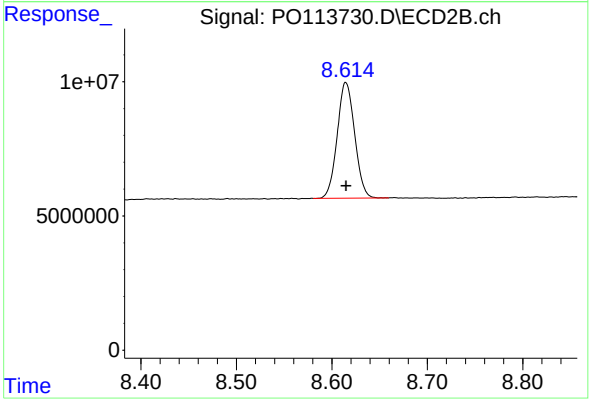
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 137177500
Conc: 26.82 ng/ml



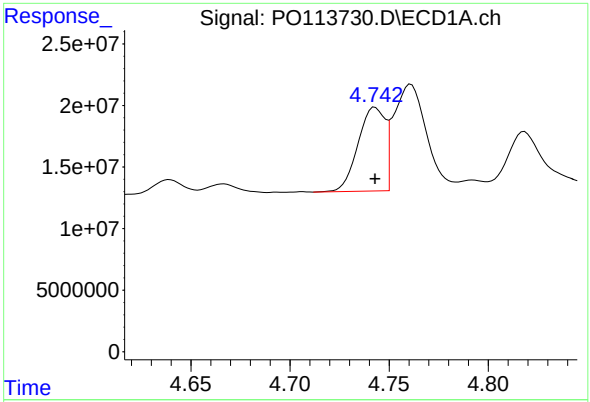
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 179337298
Conc: 26.31 ng/ml



#2 Decachlorobiphenyl

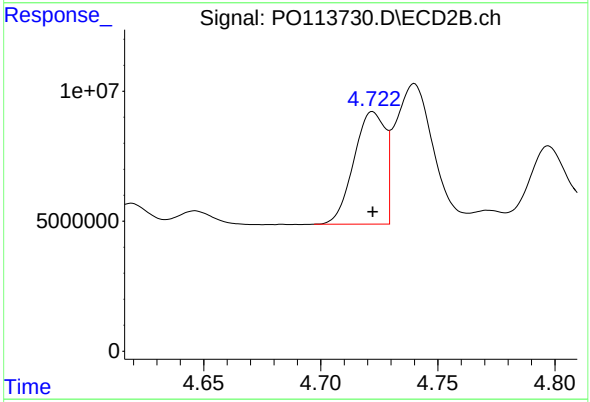
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 54699761
Conc: 26.38 ng/ml



#16 AR-1242-1

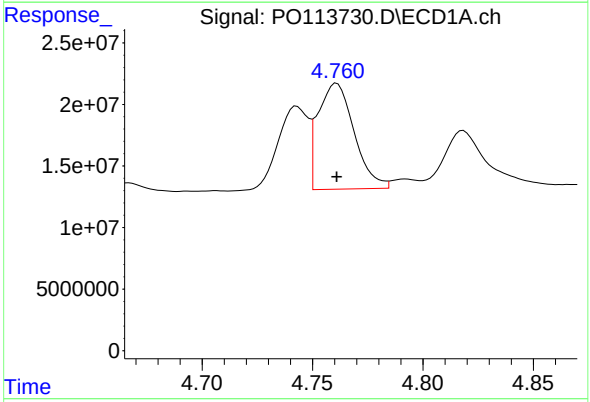
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 64289772
Conc: 266.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



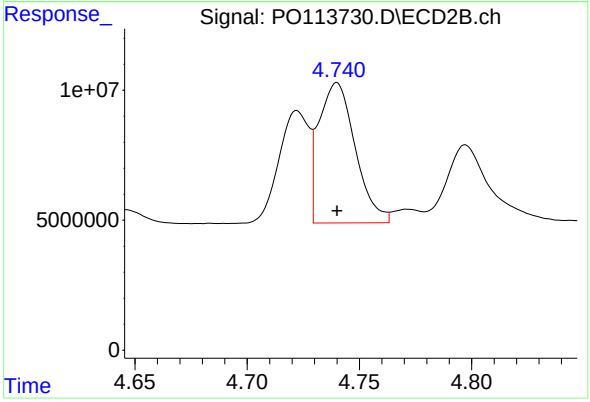
#16 AR-1242-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 40282392
Conc: 277.58 ng/ml



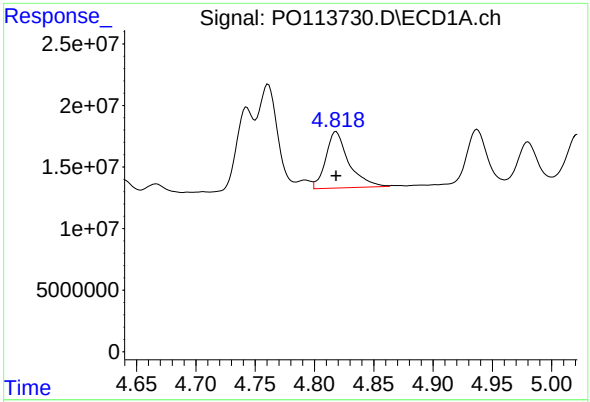
#17 AR-1242-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 98374124
Conc: 269.67 ng/ml



#17 AR-1242-2

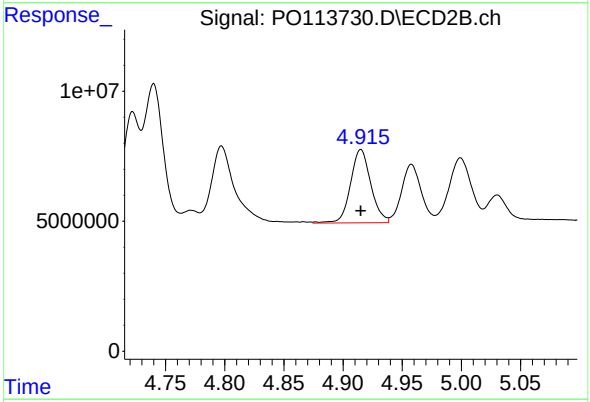
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 60995385
Conc: 276.46 ng/ml



#18 AR-1242-3

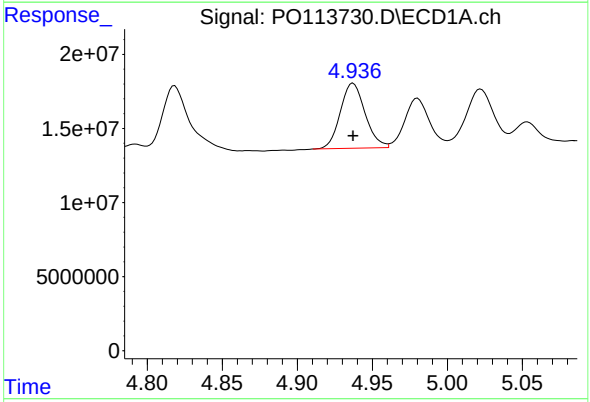
R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 61891602
Conc: 268.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



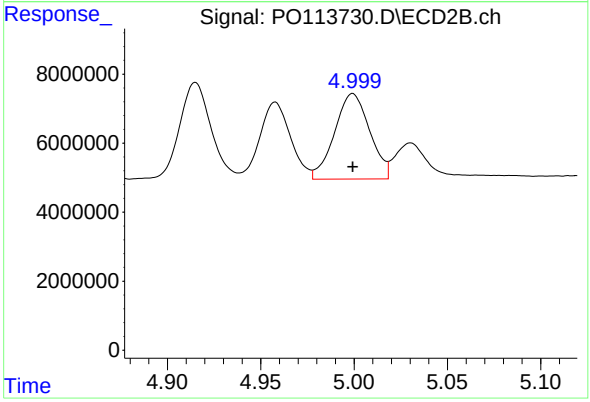
#18 AR-1242-3

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 33632533
Conc: 279.46 ng/ml



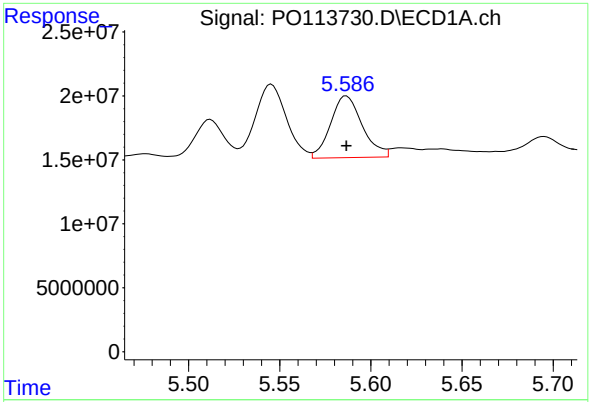
#19 AR-1242-4

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 50545262
Conc: 269.39 ng/ml



#19 AR-1242-4

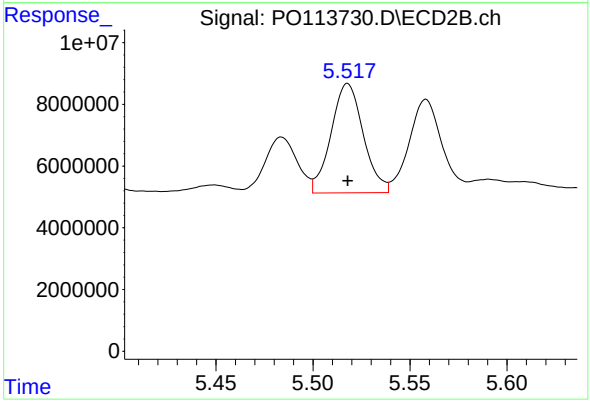
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 32527588
Conc: 282.11 ng/ml



#20 AR-1242-5

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 58614341
Conc: 279.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 41036519
Conc: 281.44 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113731.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 13:34
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 13:53:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 13:52:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.658	3.650	26418636	15800639	3.352m	3.352m
2)	SA Decachlor...	8.671	8.616	21938075	6851127	3.466	3.545
	Target Compounds						
16)	L4 AR-1242-1	4.741	4.723	7313533	5086915	32.420m	37.283
17)	L4 AR-1242-2	4.760	4.741	11071458	7687318	32.781m	37.091
18)	L4 AR-1242-3	4.818	4.914	7714426	4933227	35.882	41.724m
19)	L4 AR-1242-4	4.938	4.997	6204472	5689058	35.471	48.409m#
20)	L4 AR-1242-5	5.588	5.517	10397803	6300322	50.944	45.312m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113731.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 13:34
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

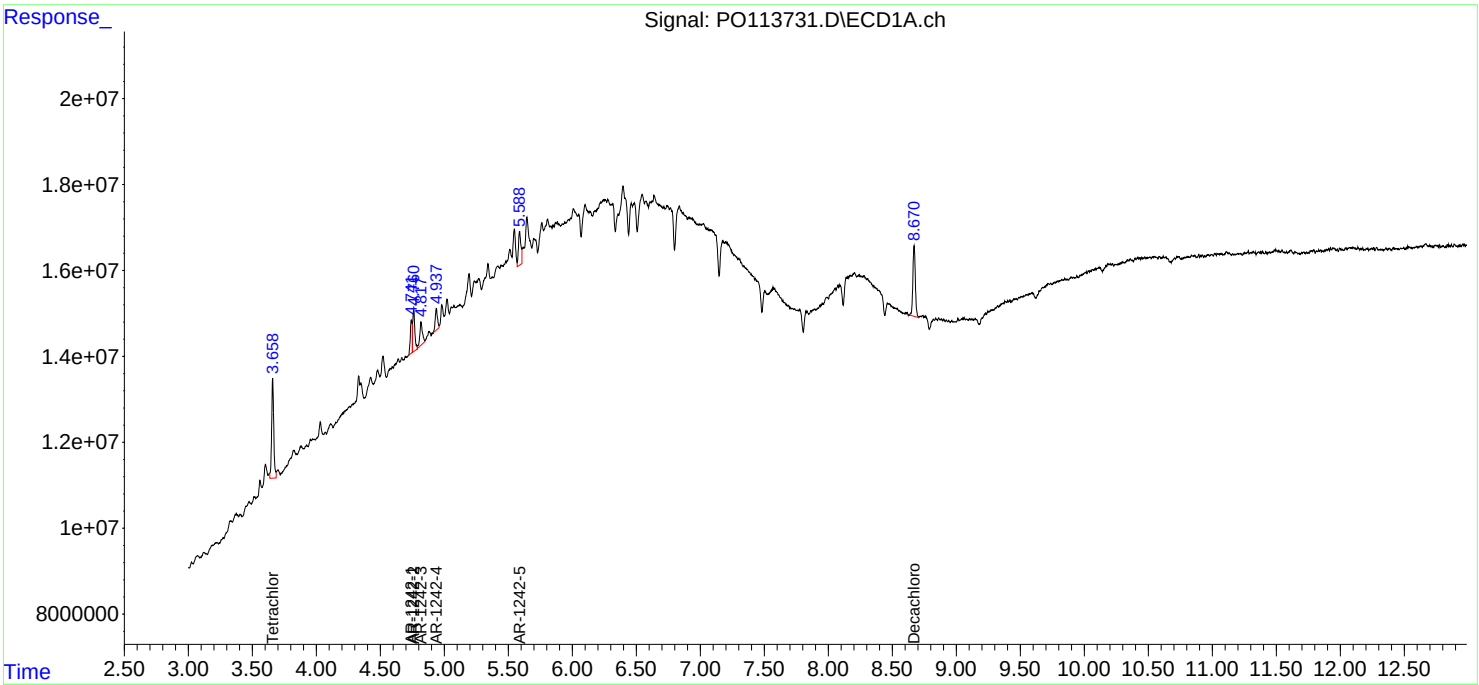
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

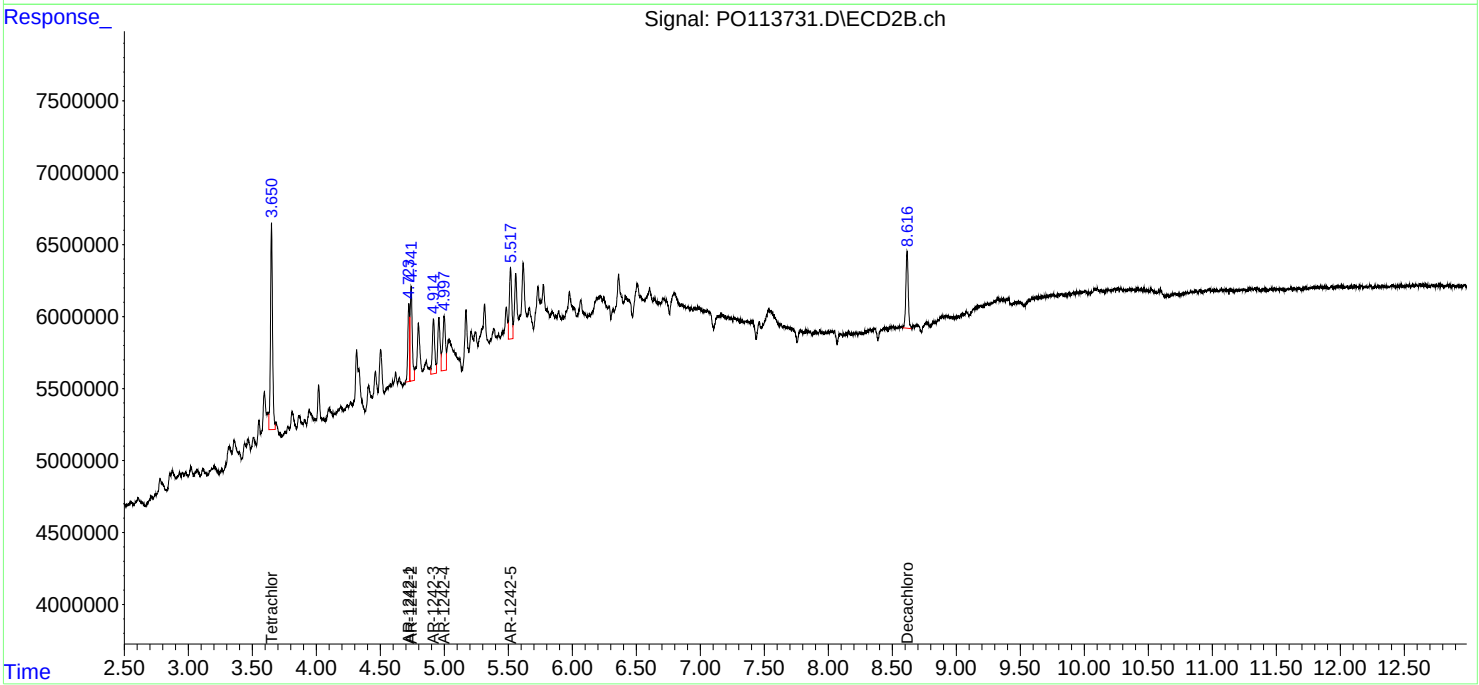
Manual Integrations APPROVED

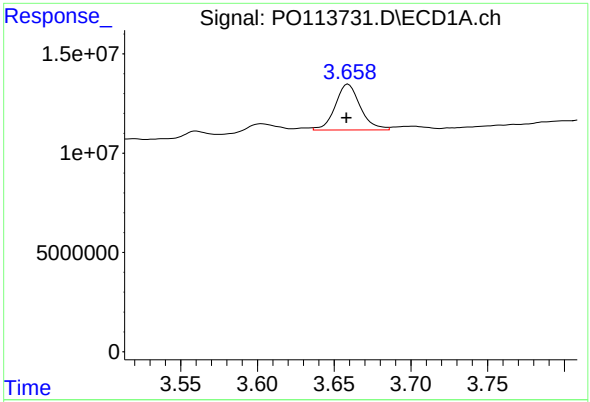
Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 13:53:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 13:52:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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







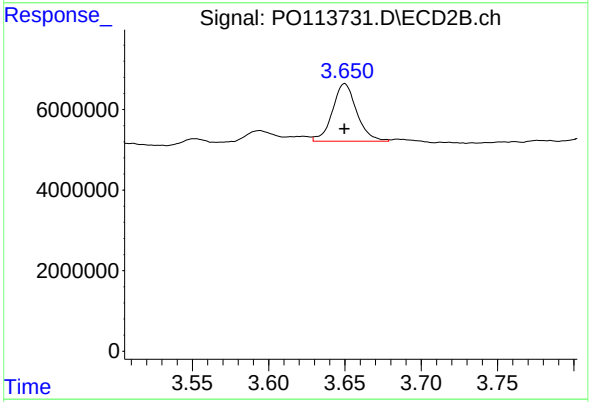
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: 0.000 min
Response: 26418636
Conc: 3.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

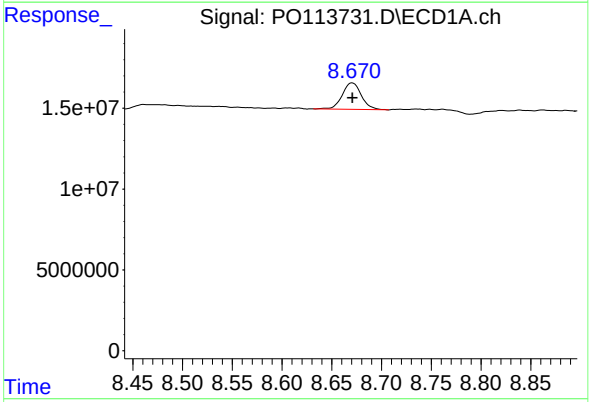
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



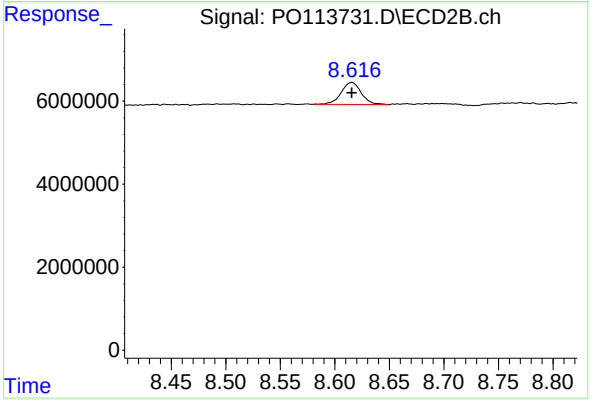
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 15800639
Conc: 3.35 ng/ml m



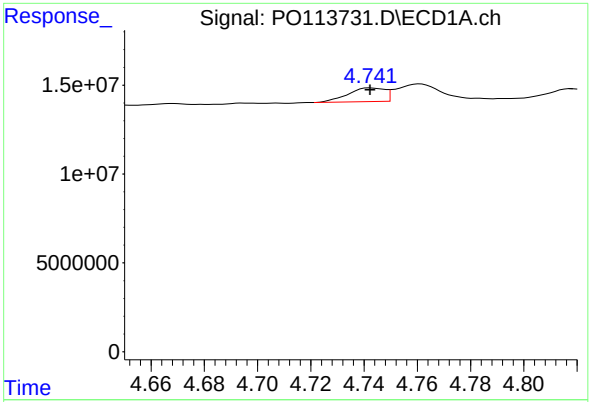
#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 21938075
Conc: 3.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.616 min
Delta R.T.: 0.000 min
Response: 6851127
Conc: 3.54 ng/ml



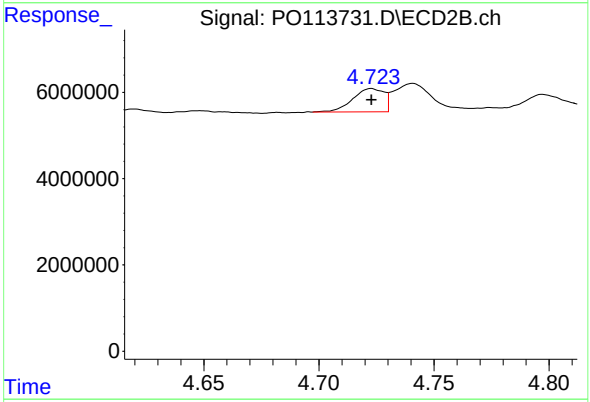
#16 AR-1242-1

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 7313533
Conc: 32.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

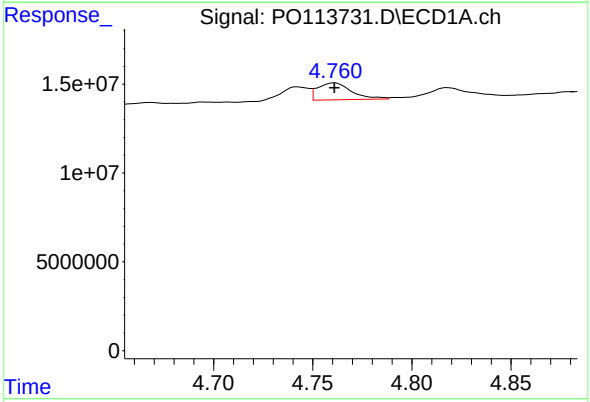
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



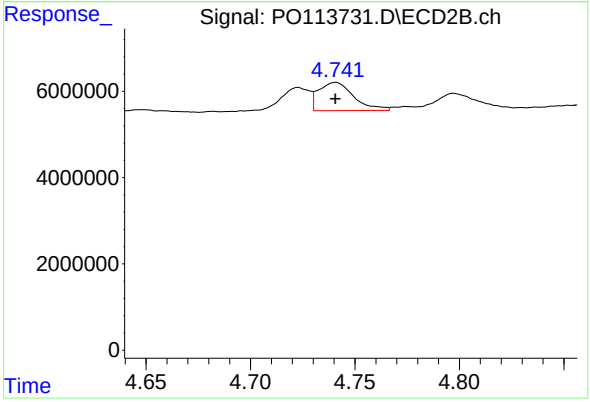
#16 AR-1242-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 5086915
Conc: 37.28 ng/ml



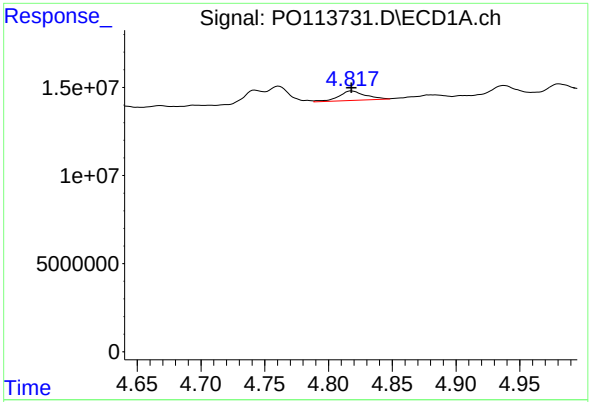
#17 AR-1242-2

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 11071458
Conc: 32.78 ng/ml m



#17 AR-1242-2

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 7687318
Conc: 37.09 ng/ml



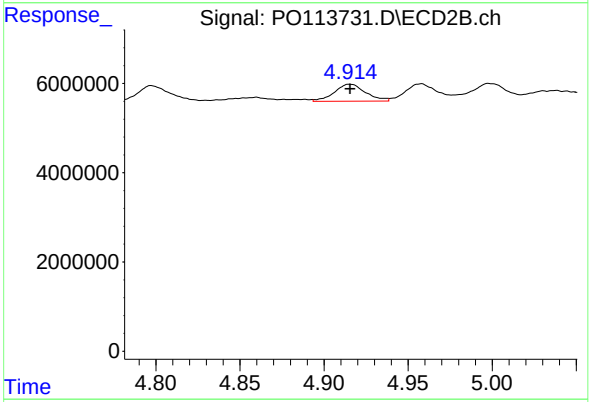
#18 AR-1242-3

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 7714426
Conc: 35.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

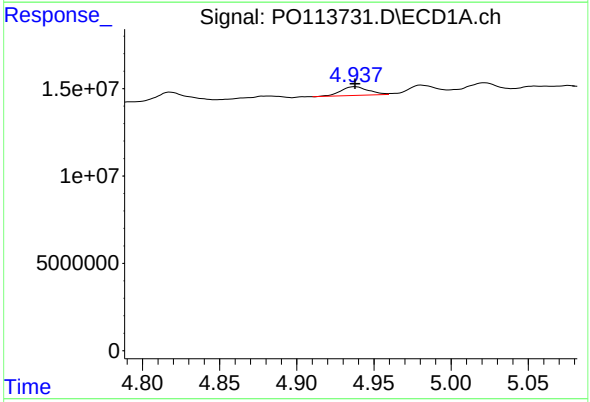
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



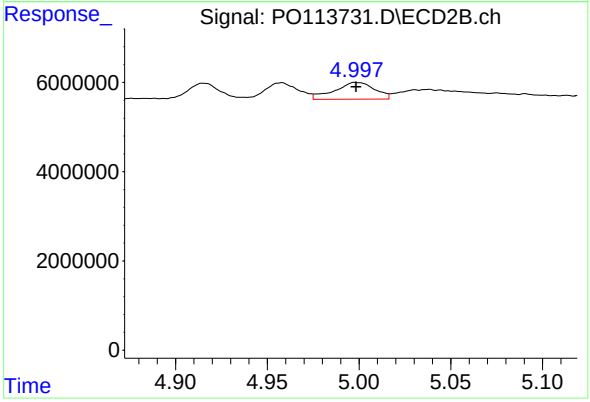
#18 AR-1242-3

R.T.: 4.914 min
Delta R.T.: -0.001 min
Response: 4933227
Conc: 41.72 ng/ml m



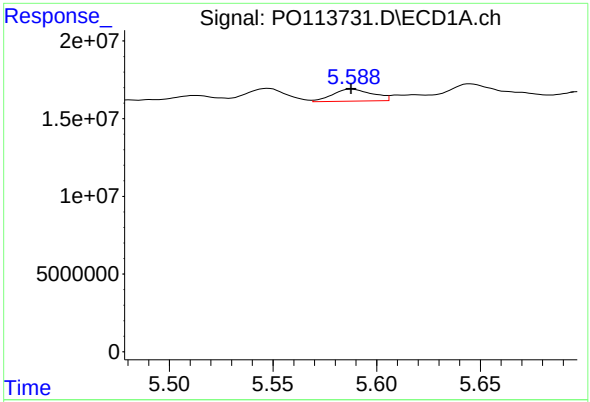
#19 AR-1242-4

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 6204472
Conc: 35.47 ng/ml



#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.001 min
Response: 5689058
Conc: 48.41 ng/ml m



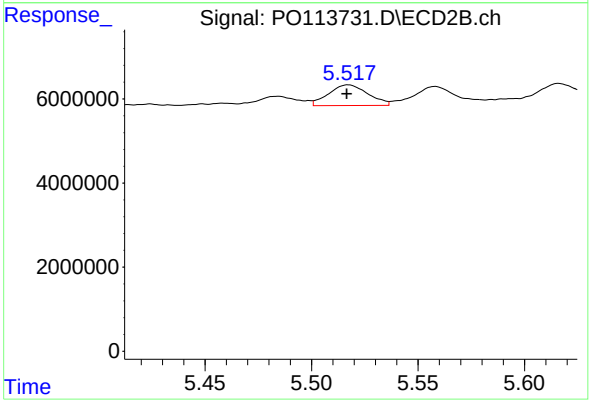
#20 AR-1242-5

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 10397803
Conc: 50.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



#20 AR-1242-5

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 6300322
Conc: 45.31 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 13:54
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: Sep 15 15:00:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 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...	3.661	3.651	828.2E6	491.8E6	99.140	98.907
2)	SA Decachlor...	8.673	8.616	690.7E6	203.2E6	98.049	97.877
	Target Compounds						
21)	L5 AR-1248-1	4.745	4.722	176.0E6	104.7E6	974.524	963.707
22)	L5 AR-1248-2	4.982	4.958	241.2E6	146.4E6	981.274	960.088
23)	L5 AR-1248-3	5.196	4.999	312.0E6	155.1E6	978.325	961.488
24)	L5 AR-1248-4	5.548	5.170	478.8E6	182.0E6	979.615	965.593
25)	L5 AR-1248-5	5.589	5.559	326.3E6	185.6E6	978.067	964.077

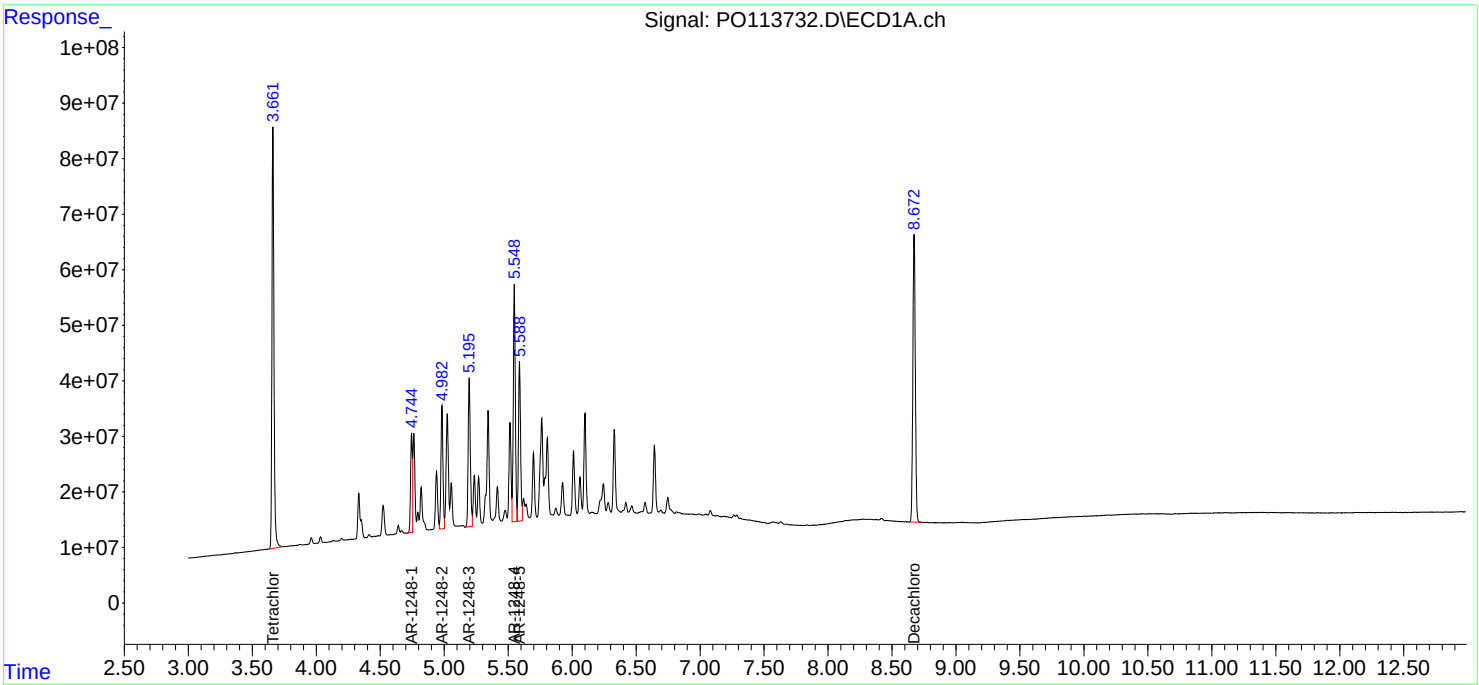
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

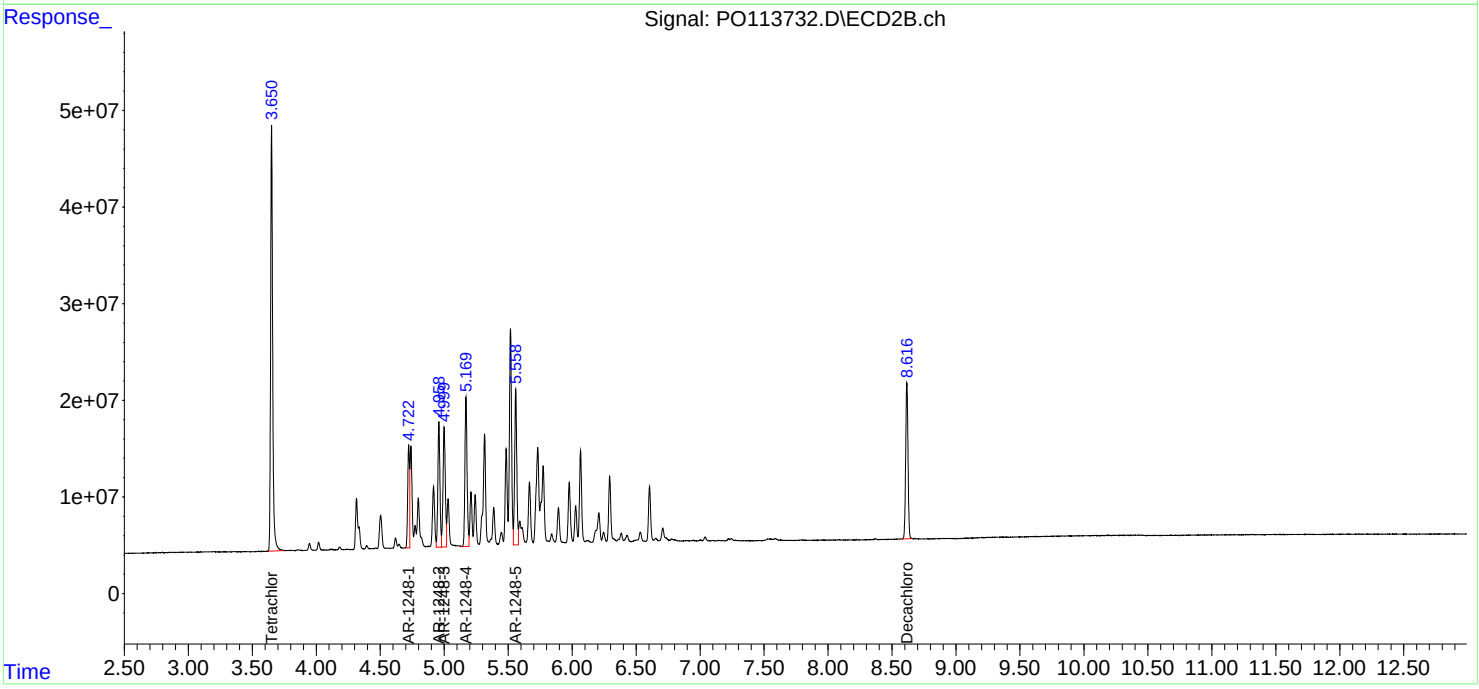
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 13:54
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

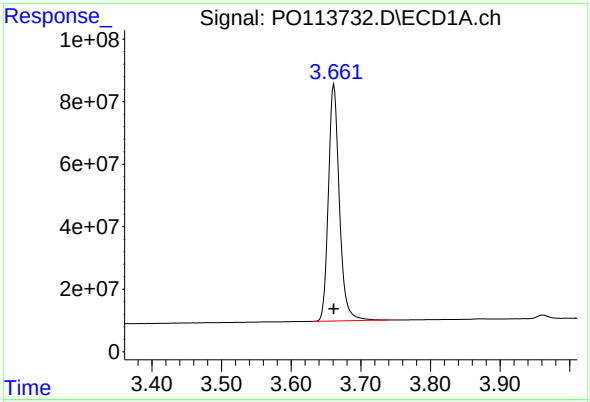
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 15:00:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 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



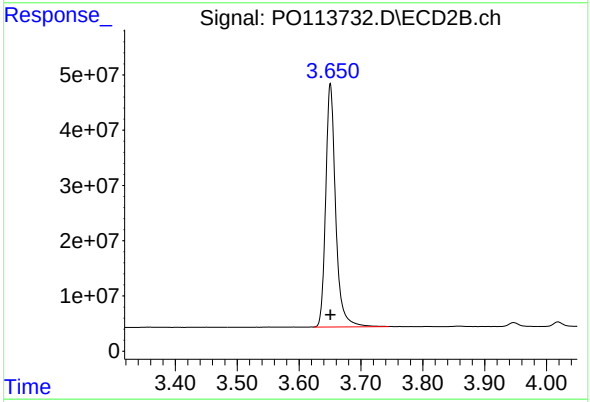




#1 Tetrachloro-m-xylene

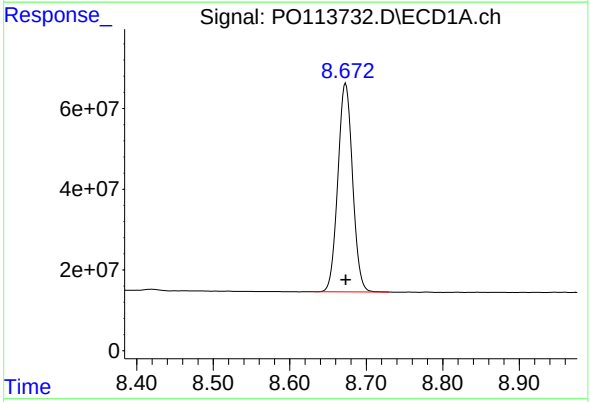
R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 828161926
Conc: 99.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



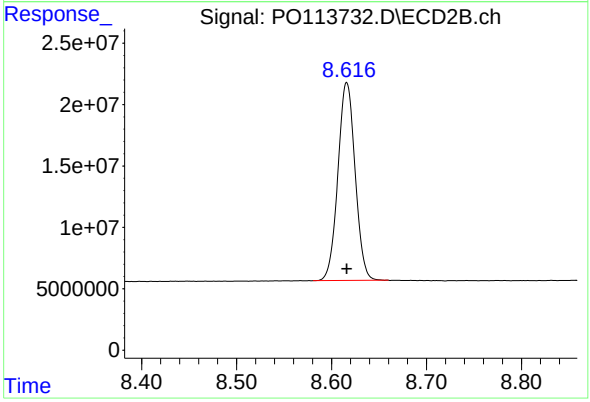
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 491752302
Conc: 98.91 ng/ml



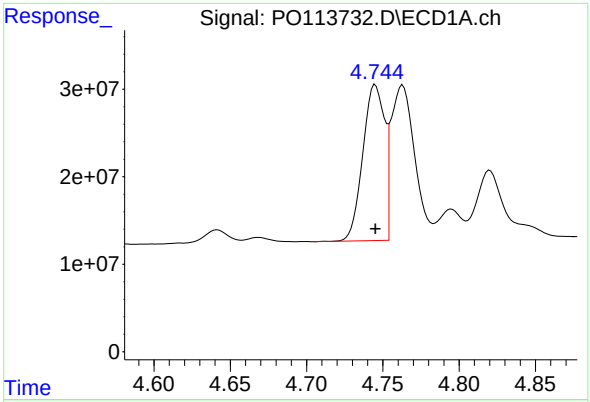
#2 Decachlorobiphenyl

R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 690692376
Conc: 98.05 ng/ml



#2 Decachlorobiphenyl

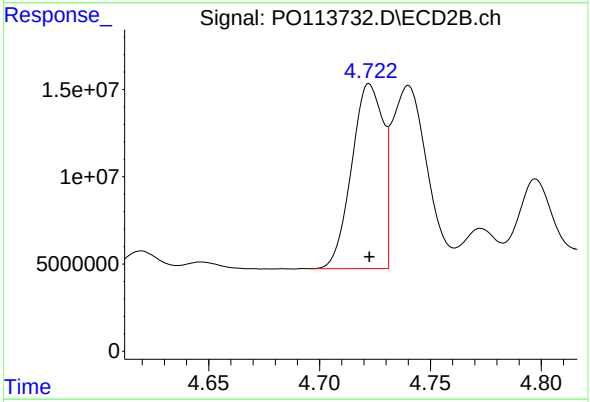
R.T.: 8.616 min
Delta R.T.: 0.000 min
Response: 203170449
Conc: 97.88 ng/ml



#21 AR-1248-1

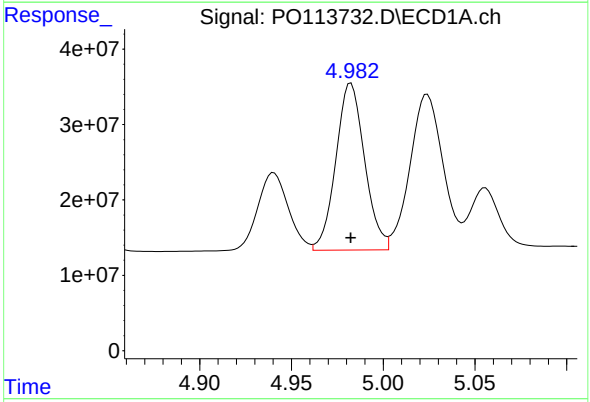
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 175951880
Conc: 974.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



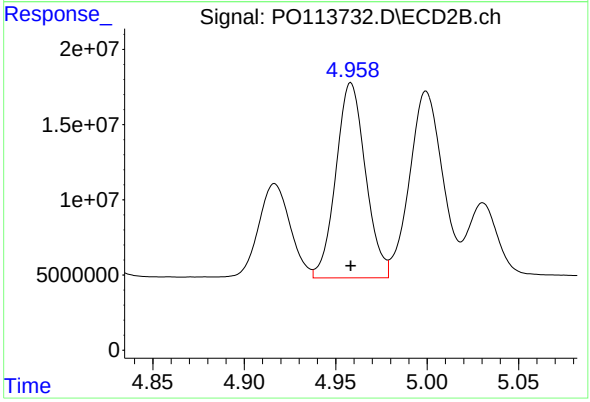
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 104656676
Conc: 963.71 ng/ml



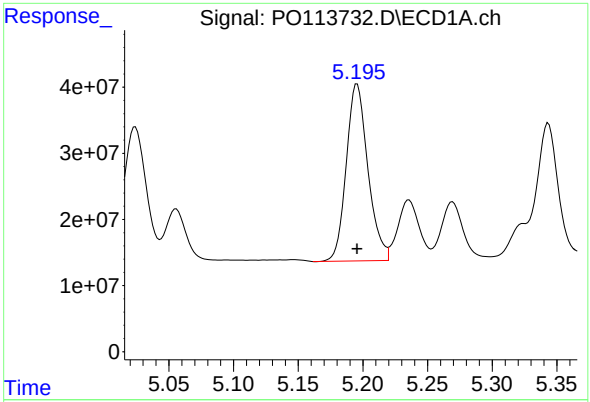
#22 AR-1248-2

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 241204409
Conc: 981.27 ng/ml



#22 AR-1248-2

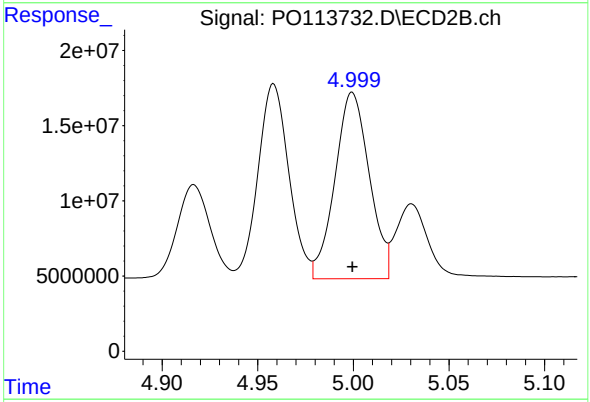
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 146373463
Conc: 960.09 ng/ml



#23 AR-1248-3

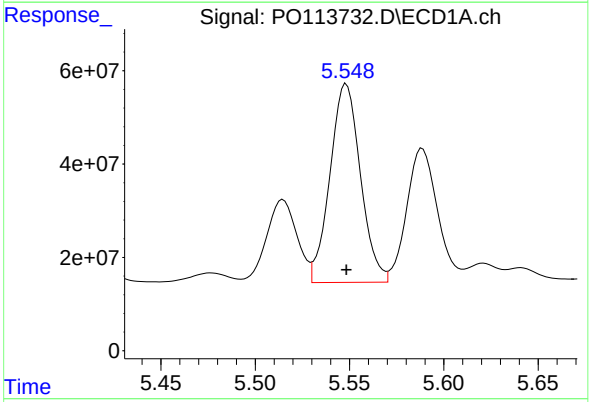
R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 311971277
Conc: 978.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



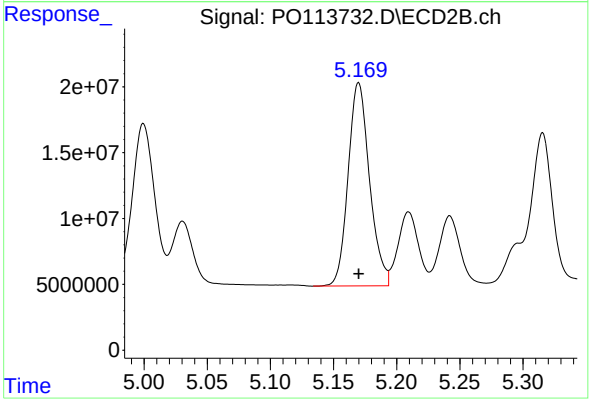
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 155110693
Conc: 961.49 ng/ml



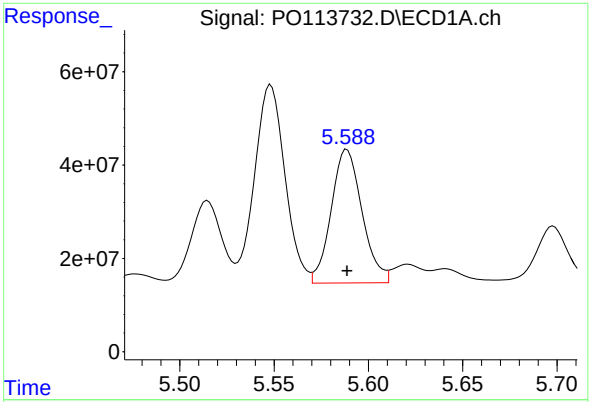
#24 AR-1248-4

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 478786582
Conc: 979.62 ng/ml



#24 AR-1248-4

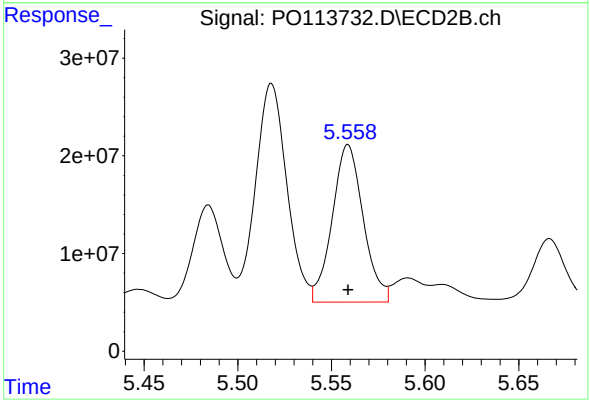
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 182007971
Conc: 965.59 ng/ml



#25 AR-1248-5

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 326343326
Conc: 978.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 185591629
Conc: 964.08 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 14:13
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: Sep 15 15:02:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 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...	3.659	3.650	634.9E6	375.4E6	75.668	75.333
2)	SA Decachlor...	8.670	8.615	524.4E6	155.6E6	74.627	74.969
	Target Compounds						
21)	L5 AR-1248-1	4.743	4.722	135.7E6	81830538	751.102	752.341
22)	L5 AR-1248-2	4.980	4.958	186.3E6	114.2E6	755.166	749.329
23)	L5 AR-1248-3	5.193	4.999	239.8E6	120.5E6	751.242	747.815
24)	L5 AR-1248-4	5.546	5.169	368.9E6	141.0E6	753.153	748.773
25)	L5 AR-1248-5	5.586	5.558	253.3E6	143.1E6	756.086	745.429

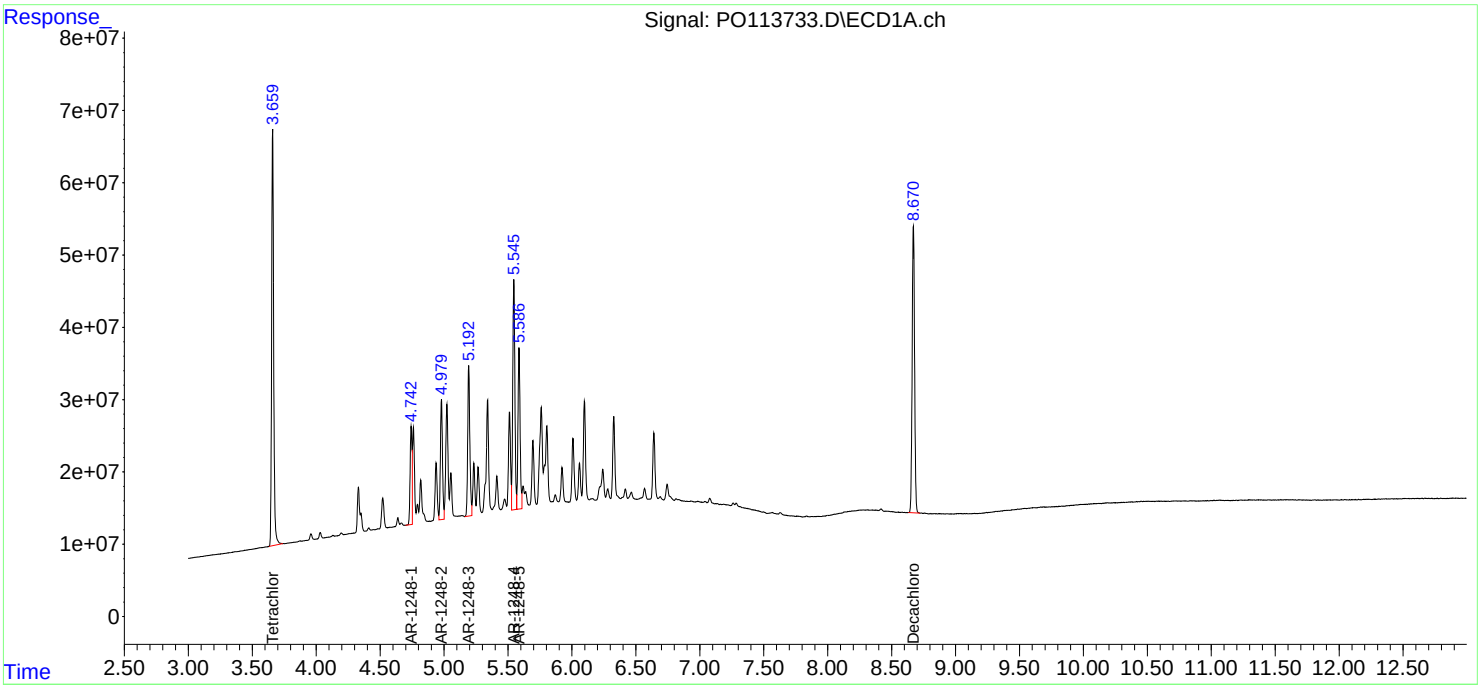
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

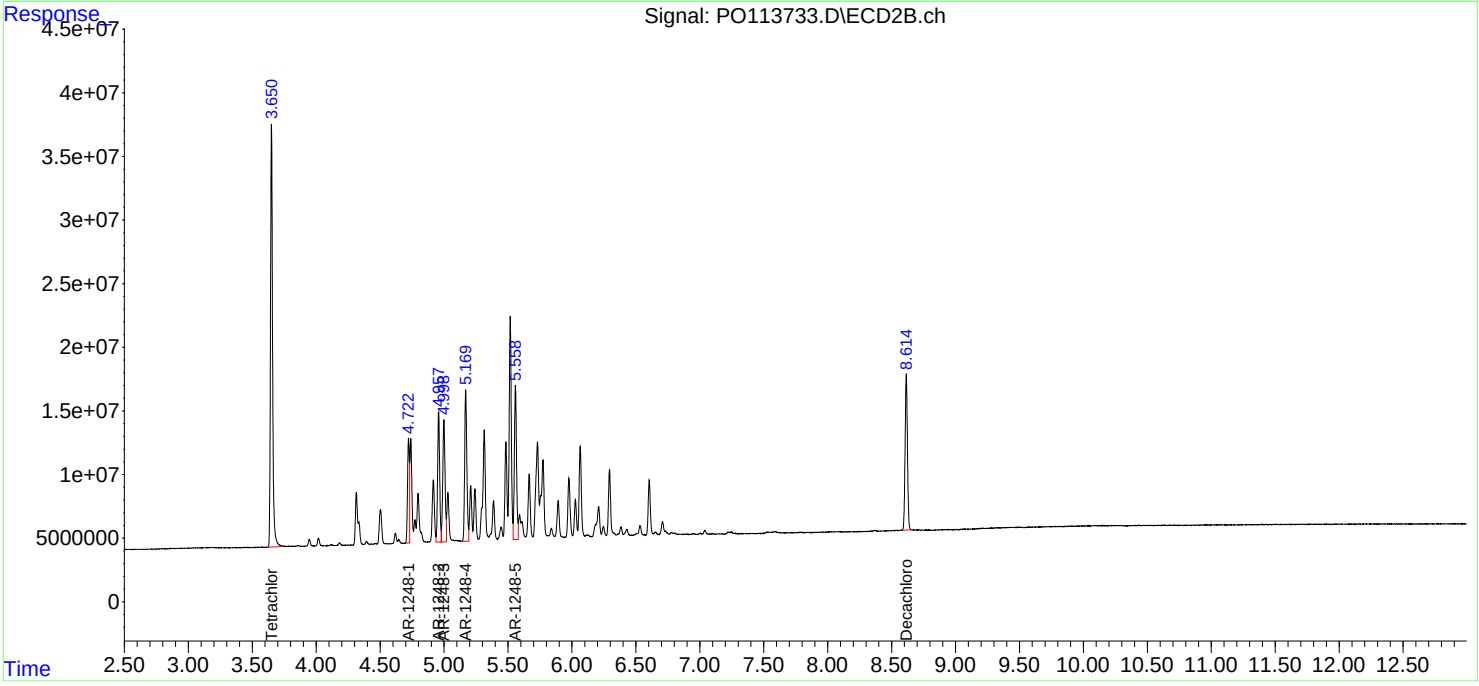
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 14:13
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

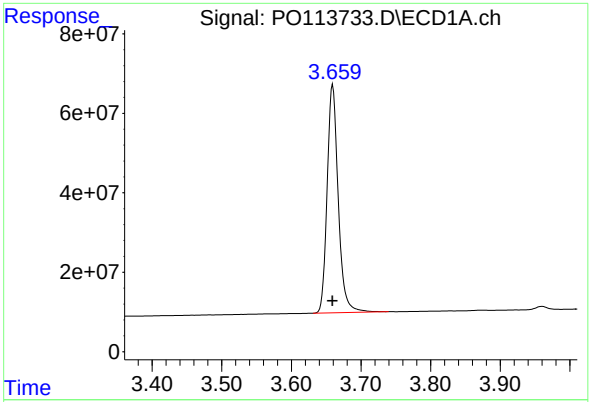
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 15:02:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 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



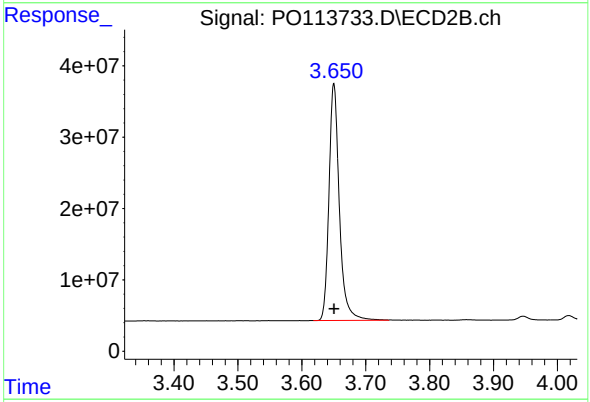




#1 Tetrachloro-m-xylene

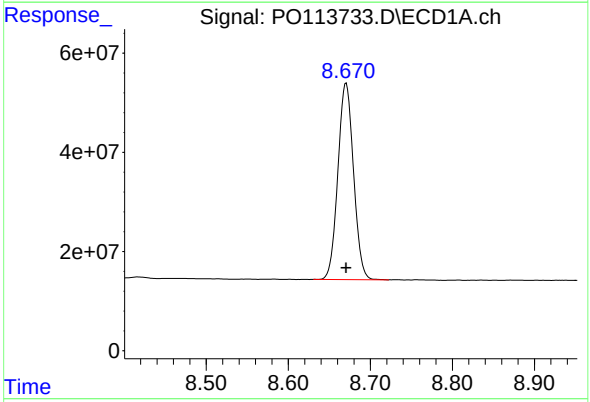
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 634921538
Conc: 75.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



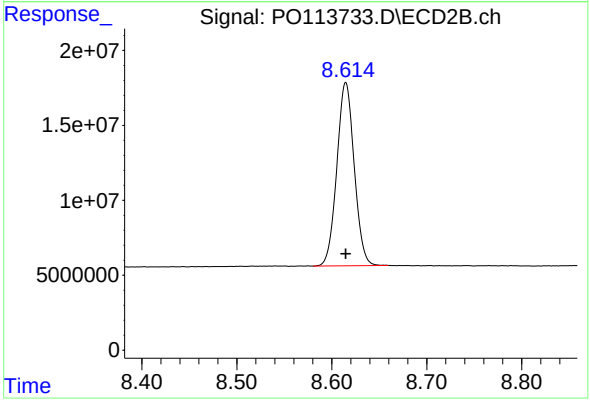
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 375375459
Conc: 75.33 ng/ml



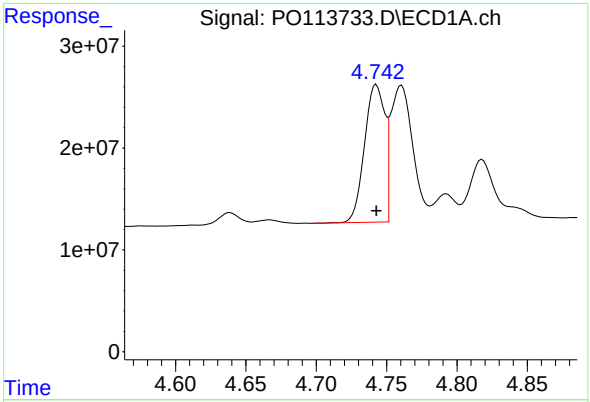
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 524396543
Conc: 74.63 ng/ml



#2 Decachlorobiphenyl

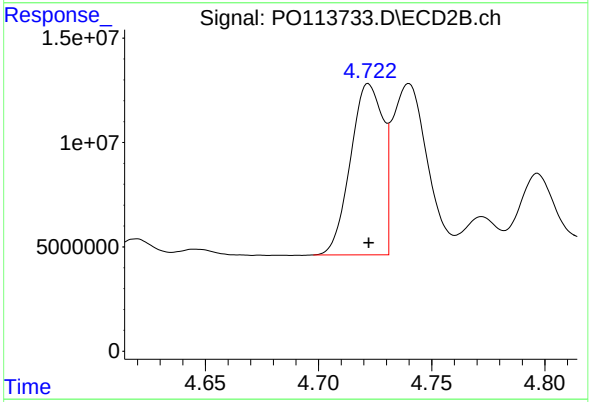
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 155585157
Conc: 74.97 ng/ml



#21 AR-1248-1

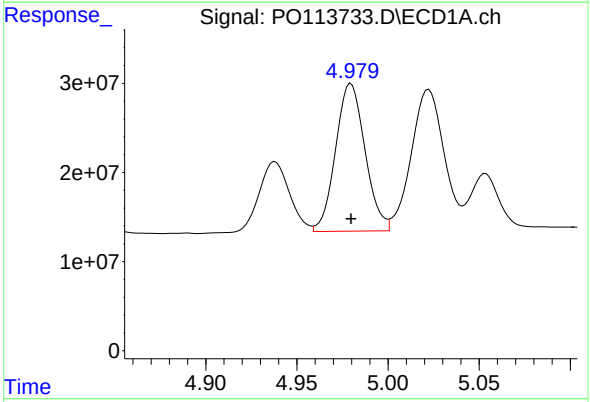
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 135712328
Conc: 751.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



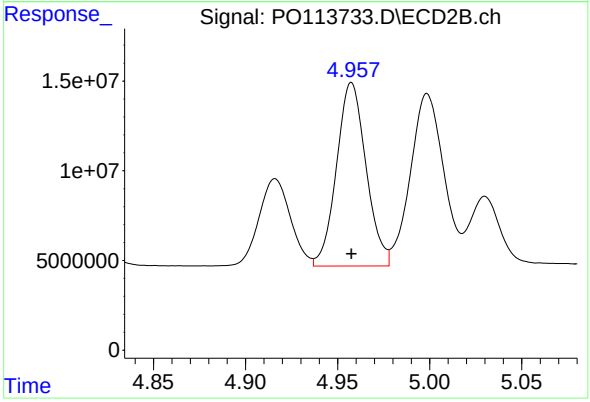
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 81830538
Conc: 752.34 ng/ml



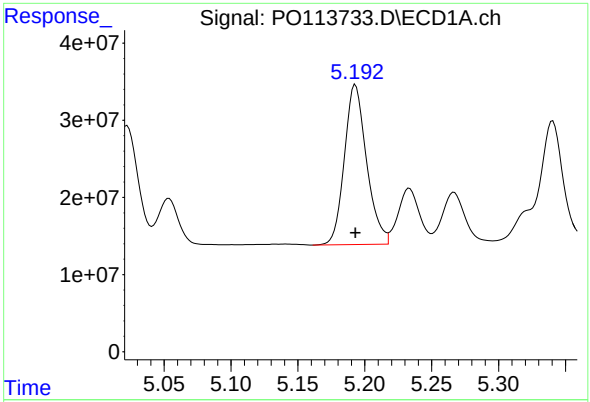
#22 AR-1248-2

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 186266749
Conc: 755.17 ng/ml



#22 AR-1248-2

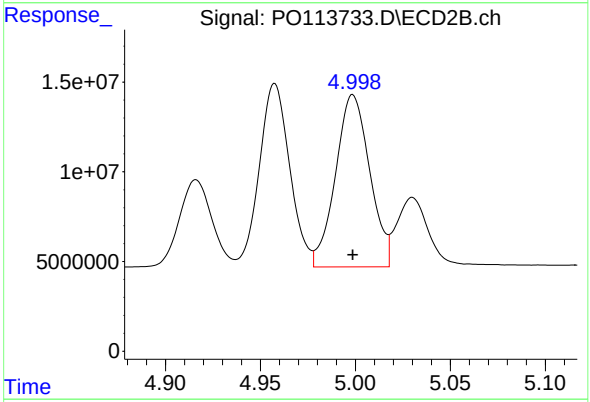
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 114190531
Conc: 749.33 ng/ml



#23 AR-1248-3

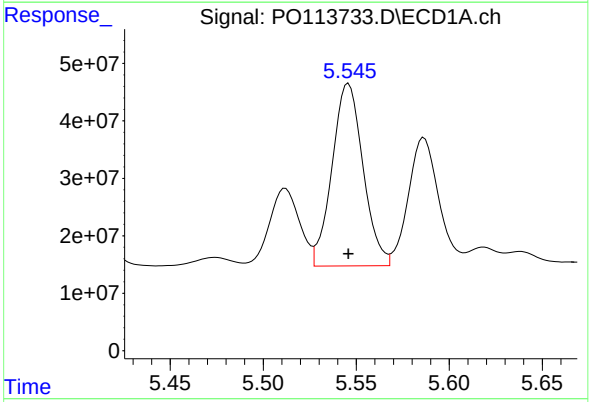
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 239756980
Conc: 751.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



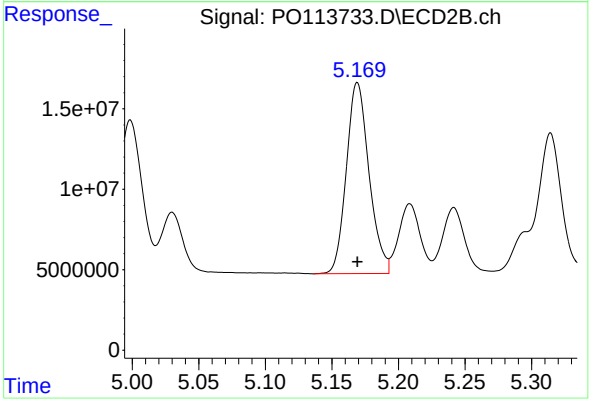
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 120464688
Conc: 747.81 ng/ml



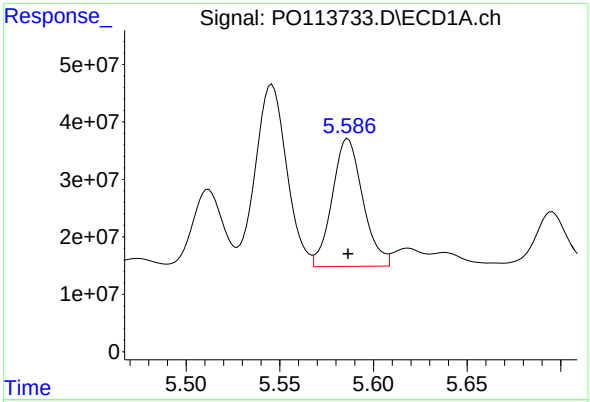
#24 AR-1248-4

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 368878894
Conc: 753.15 ng/ml



#24 AR-1248-4

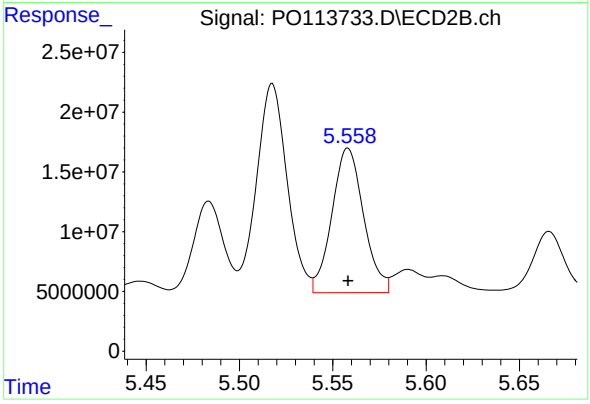
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 141023400
Conc: 748.77 ng/ml



#25 AR-1248-5

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 253304499
Conc: 756.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 143064489
Conc: 745.43 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113734.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 14:31
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: Sep 15 14:57:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 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...	3.659	3.649	421.3E6	251.3E6	50.000	50.000
2)	SA Decachlor...	8.670	8.614	359.1E6	106.0E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.742	4.721	92575652	56269703	500.000	500.000
22)	L5 AR-1248-2	4.979	4.957	125.2E6	79271682	500.000	500.000
23)	L5 AR-1248-3	5.193	4.998	162.9E6	83768269	500.000	500.000
24)	L5 AR-1248-4	5.545	5.168	249.4E6	97489532	500.000	500.000
25)	L5 AR-1248-5	5.586	5.557	170.5E6	99711270	500.000	500.000

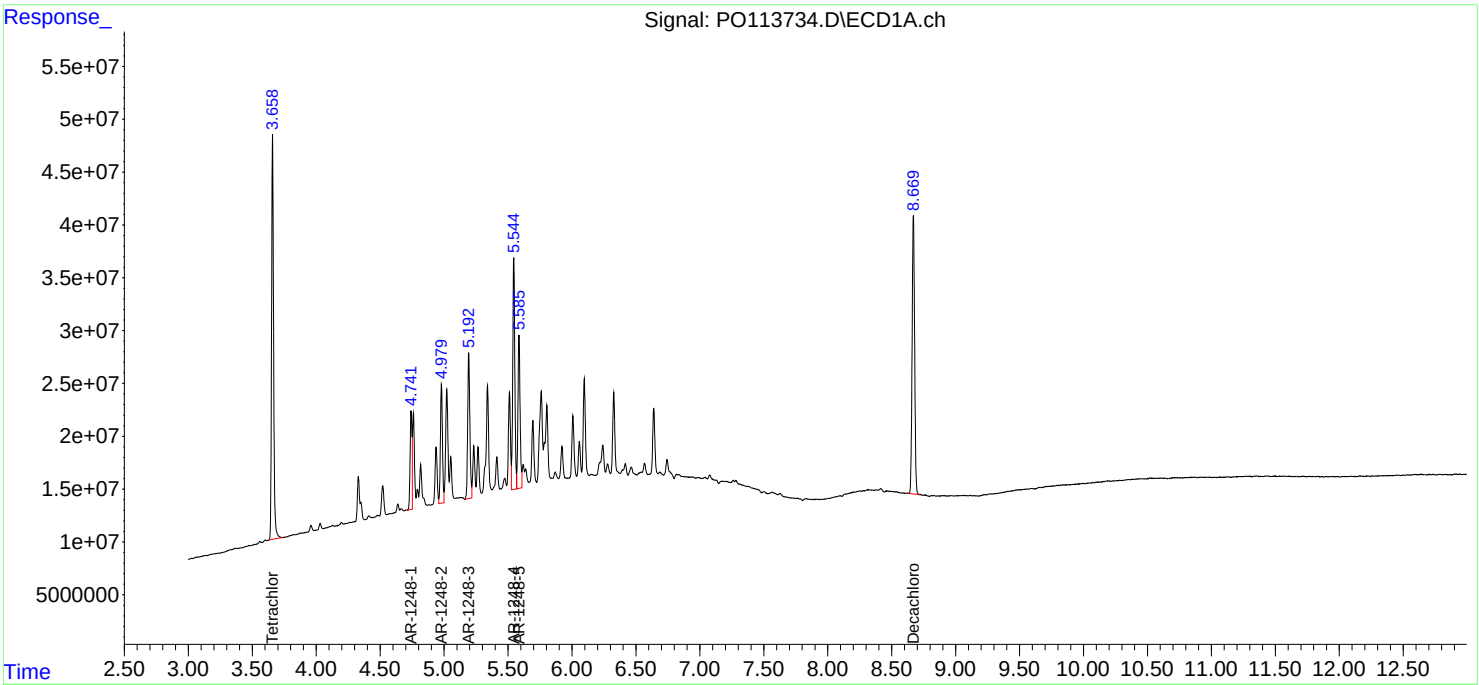
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

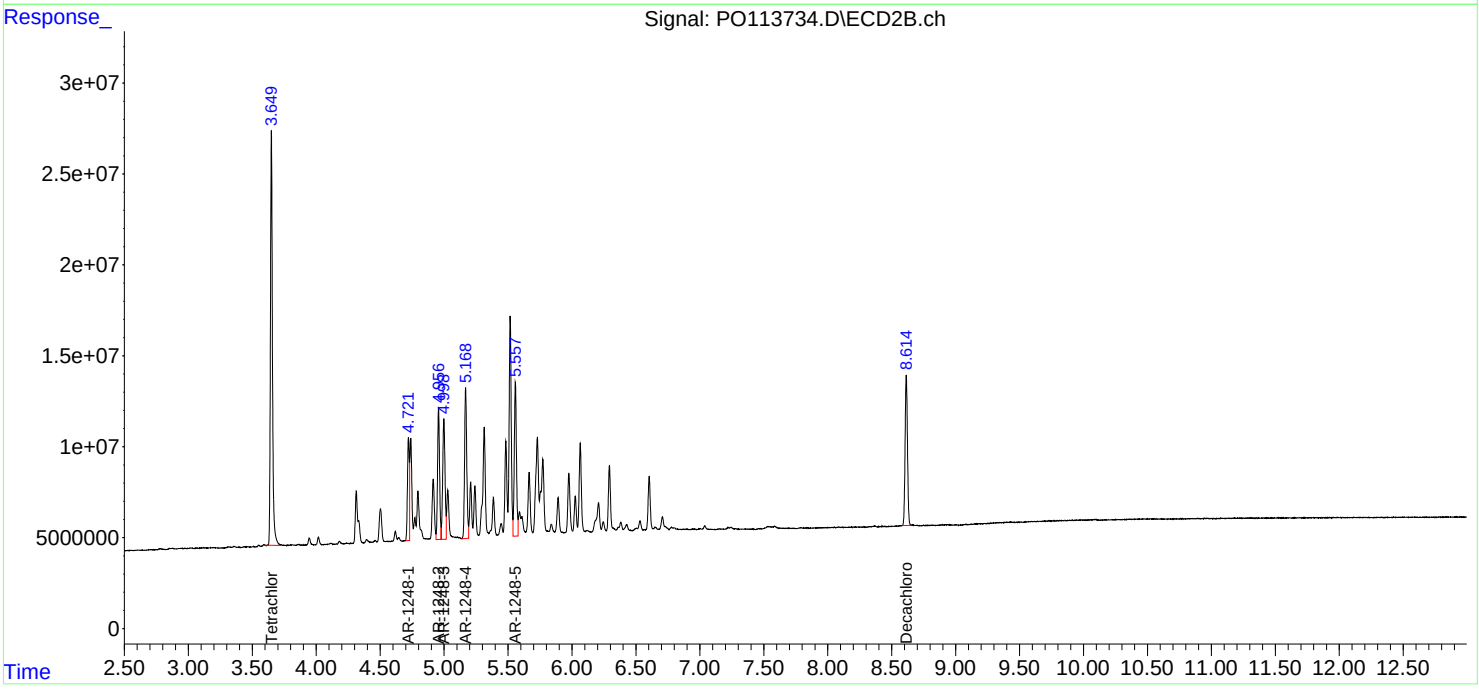
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113734.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 14:31
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

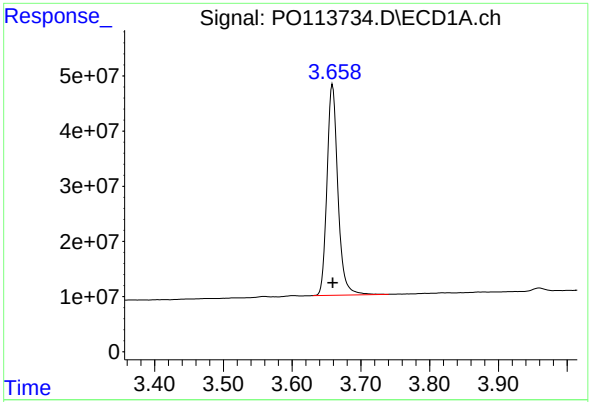
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 14:57:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 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



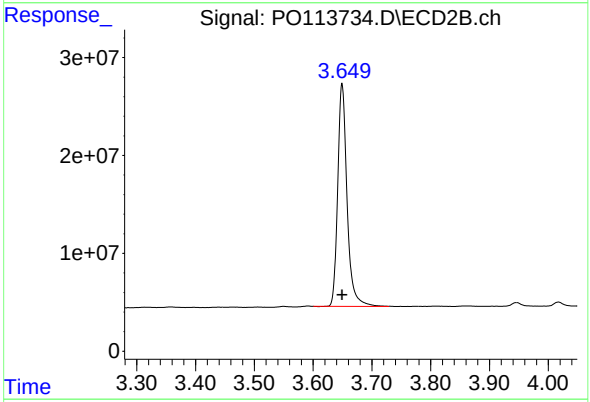




#1 Tetrachloro-m-xylene

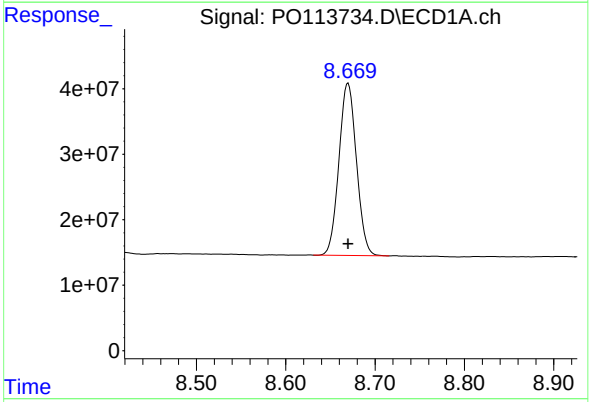
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 421269130
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



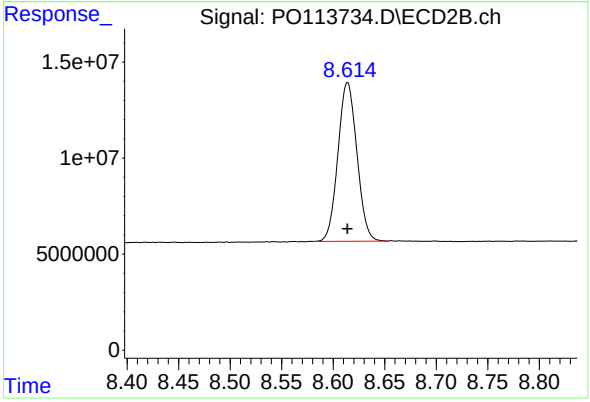
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 251308938
Conc: 50.00 ng/ml



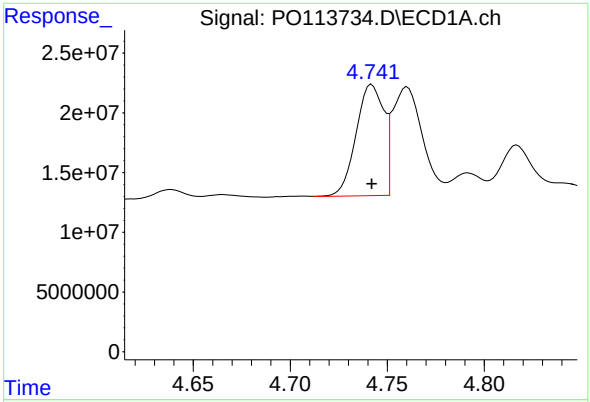
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 359086626
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

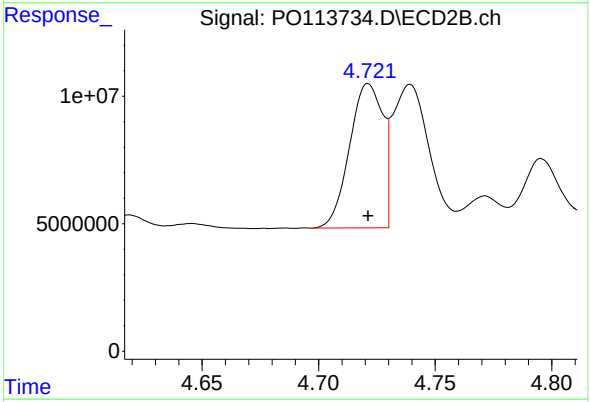
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 105991781
Conc: 50.00 ng/ml



#21 AR-1248-1

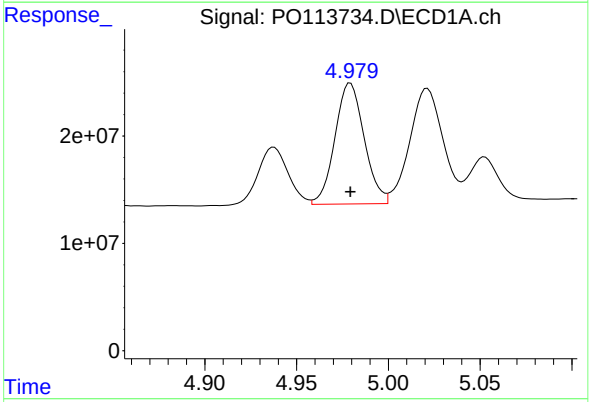
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 92575652
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



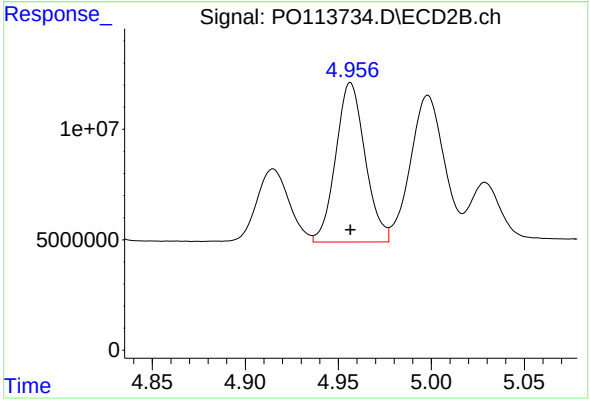
#21 AR-1248-1

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 56269703
Conc: 500.00 ng/ml



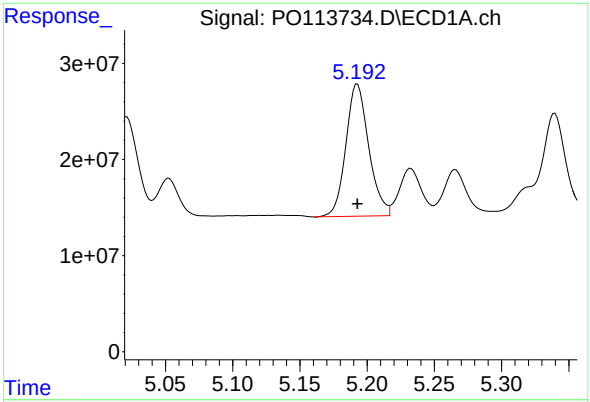
#22 AR-1248-2

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 125205214
Conc: 500.00 ng/ml



#22 AR-1248-2

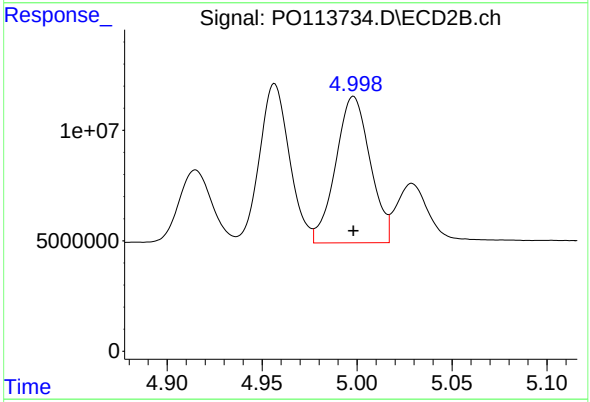
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 79271682
Conc: 500.00 ng/ml



#23 AR-1248-3

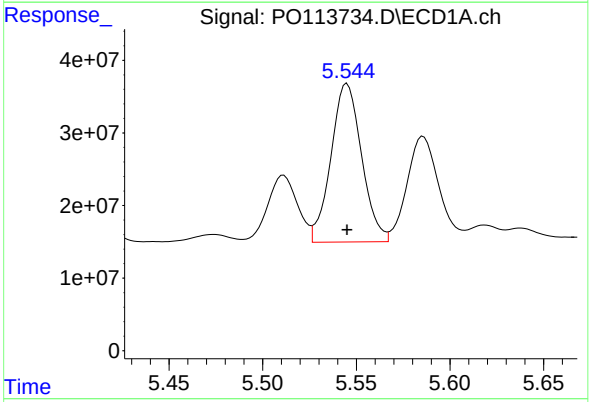
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 162897502
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



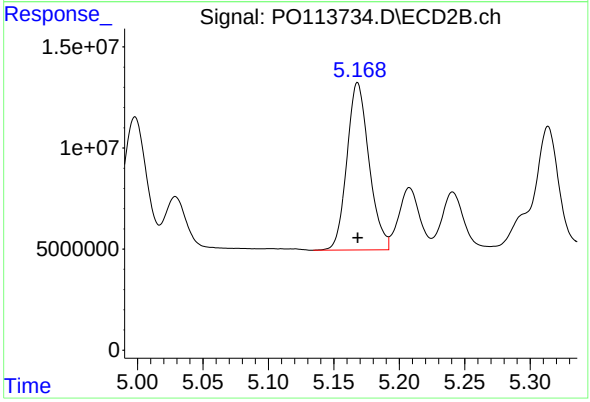
#23 AR-1248-3

R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 83768269
Conc: 500.00 ng/ml



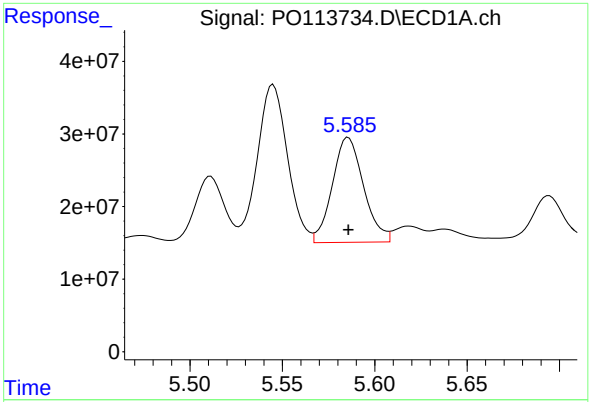
#24 AR-1248-4

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 249356305
Conc: 500.00 ng/ml



#24 AR-1248-4

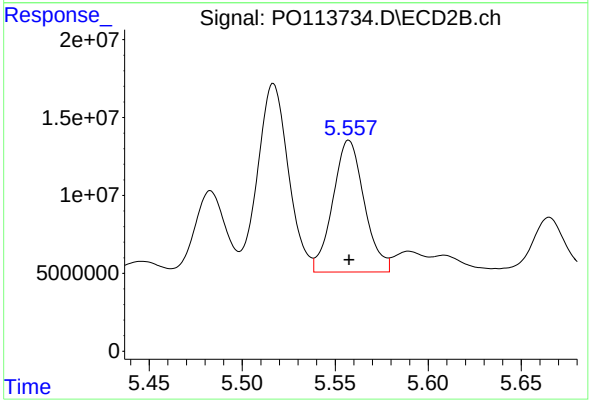
R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 97489532
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 170489787
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 99711270
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113735.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 14:49
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 15:05:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 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...	3.659	3.650	218.3E6	136.0E6	25.864m	26.676
2)	SA Decachlor...	8.671	8.615	190.3E6	56024890	26.532	26.467
	Target Compounds						
21)	L5 AR-1248-1	4.743	4.722	46836022	30431626	256.848	271.693
22)	L5 AR-1248-2	4.980	4.958	66055658	43924160	263.119	277.620
23)	L5 AR-1248-3	5.194	4.999	87559252	46565053	267.831	278.197
24)	L5 AR-1248-4	5.546	5.169	134.2E6	53811343	267.565	275.862
25)	L5 AR-1248-5	5.587	5.559	91796490	55645015	267.580	278.801

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113735.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 14:49
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

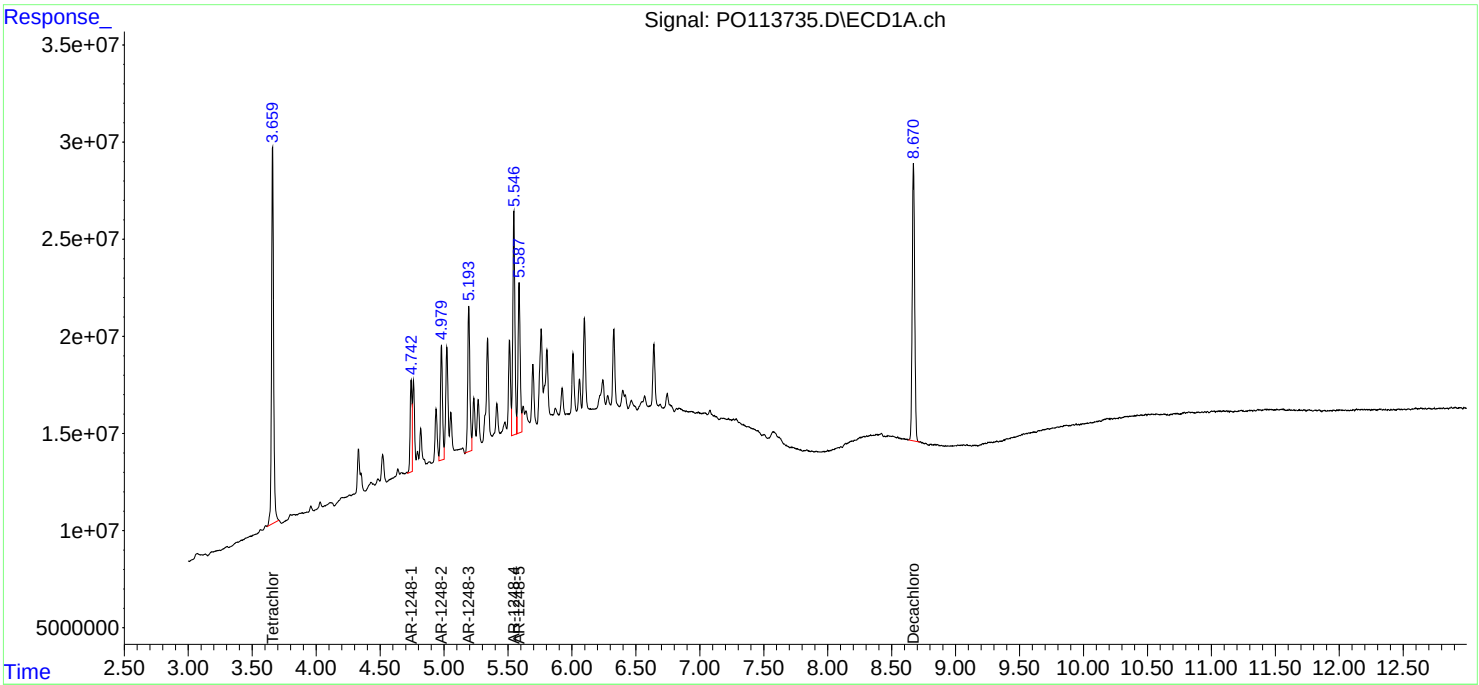
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

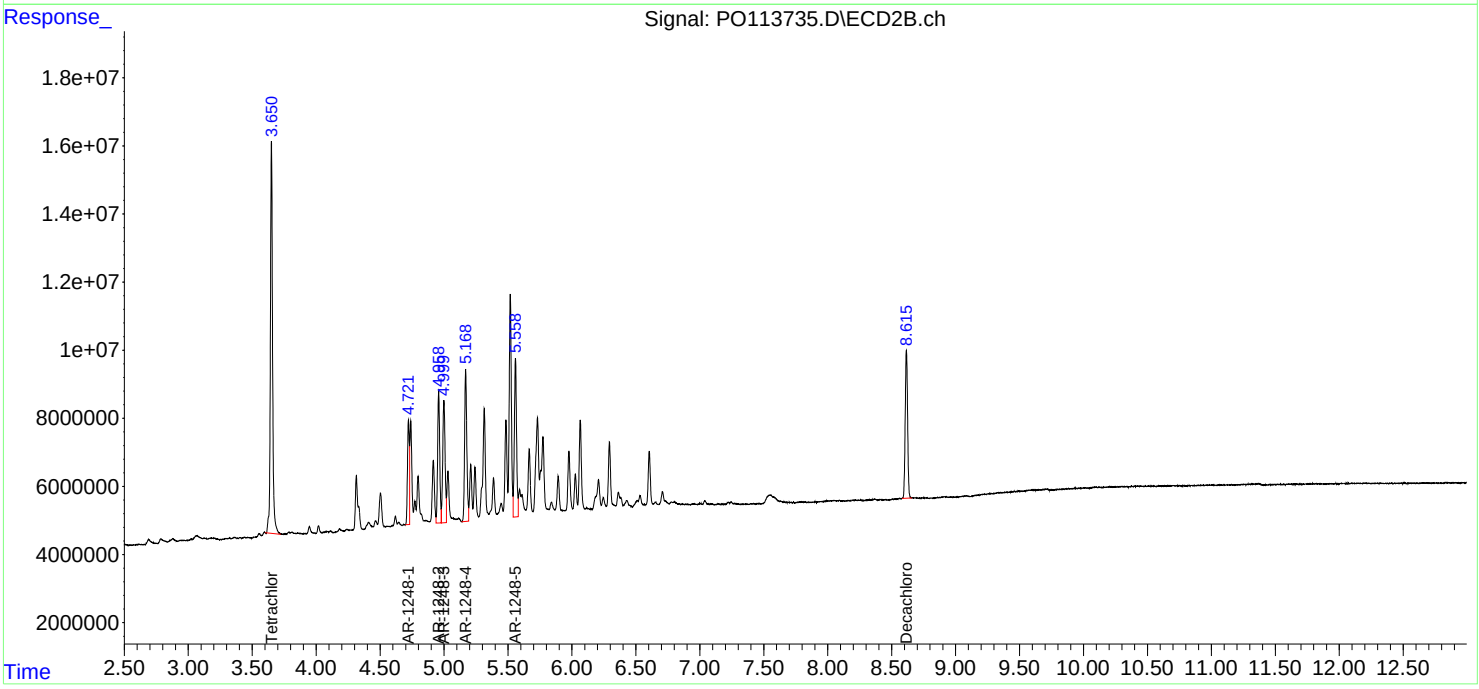
Manual Integrations APPROVED

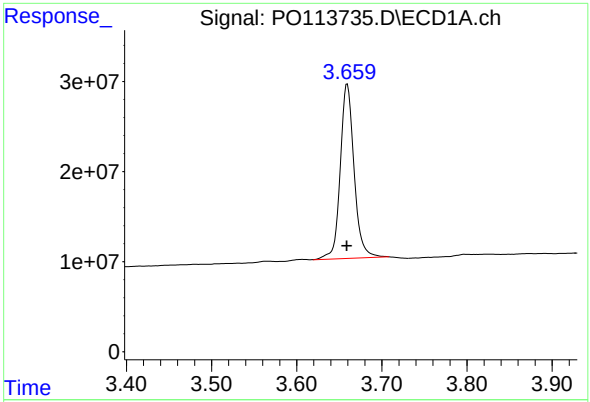
Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 15:05:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 14:57:41 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







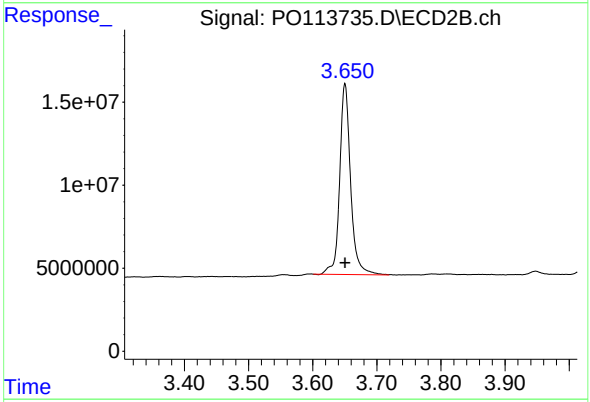
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 218335760
Conc: 25.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

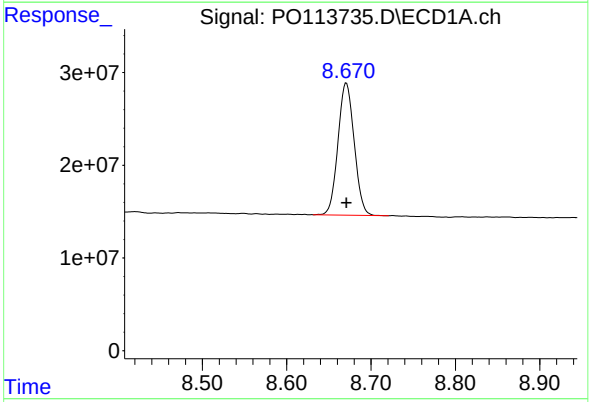
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



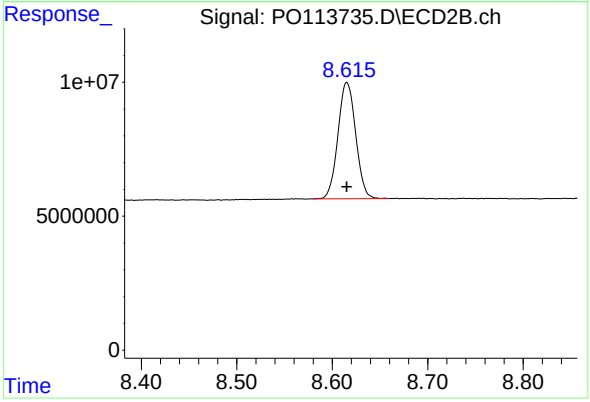
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 135962757
Conc: 26.68 ng/ml



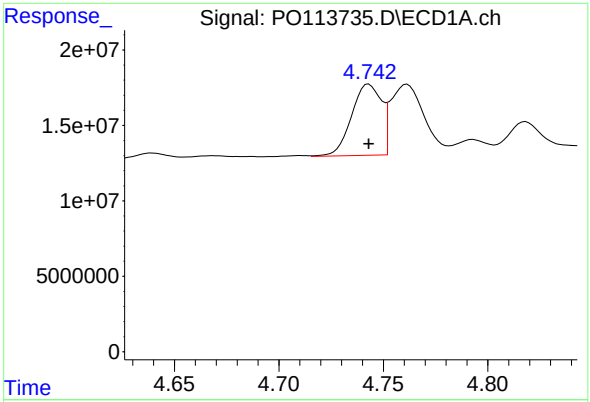
#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 190320503
Conc: 26.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 56024890
Conc: 26.47 ng/ml



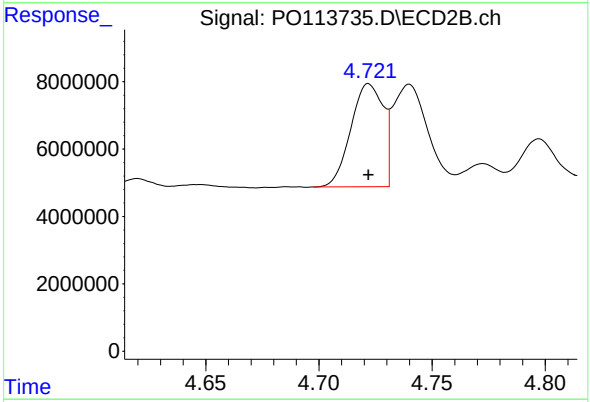
#21 AR-1248-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 46836022
Conc: 256.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

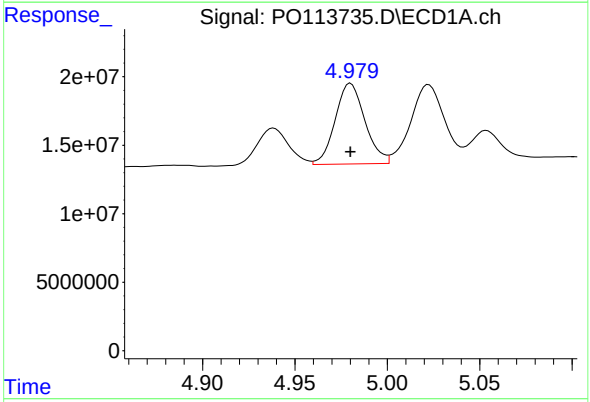
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



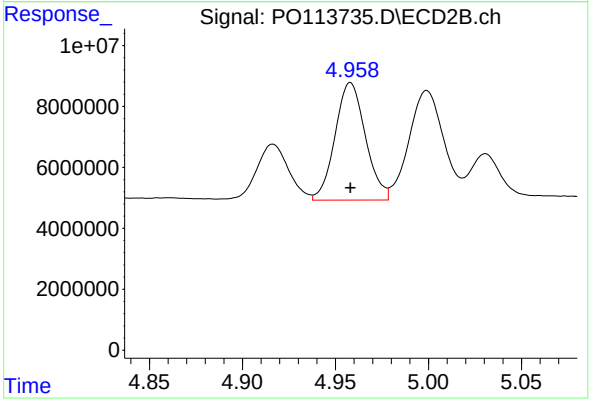
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 30431626
Conc: 271.69 ng/ml



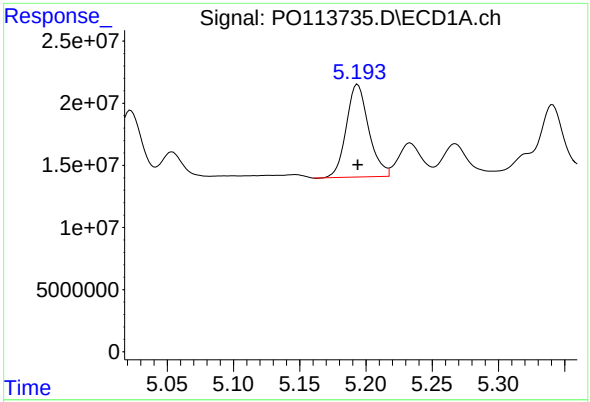
#22 AR-1248-2

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 66055658
Conc: 263.12 ng/ml



#22 AR-1248-2

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 43924160
Conc: 277.62 ng/ml



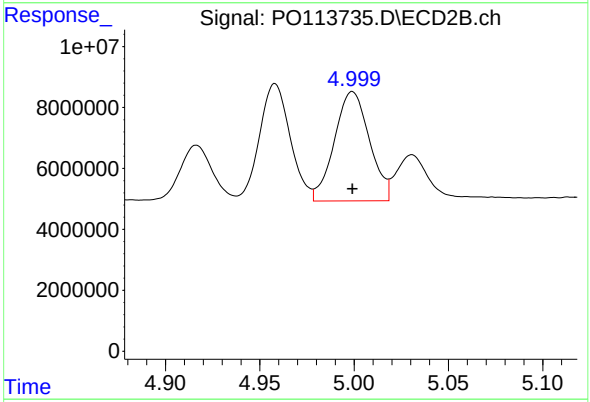
#23 AR-1248-3

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 87559252
Conc: 267.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

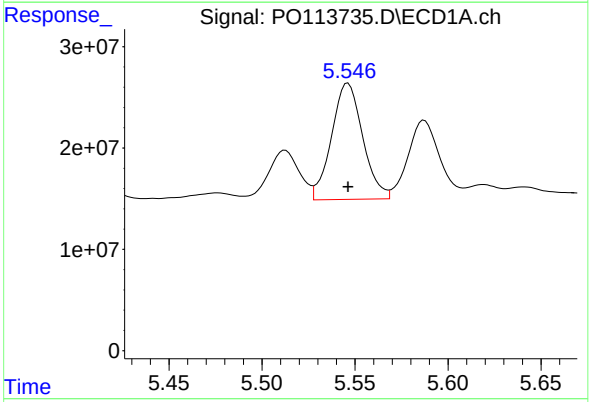
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



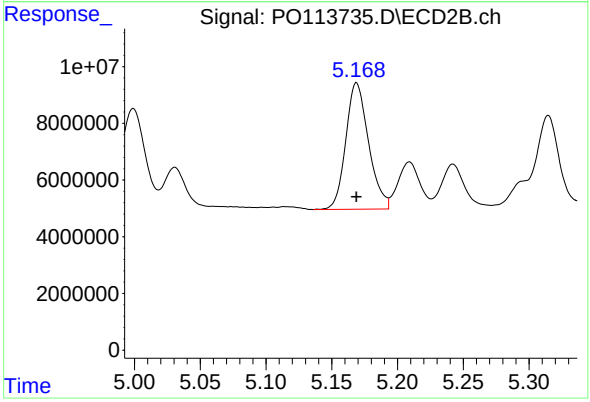
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 46565053
Conc: 278.20 ng/ml



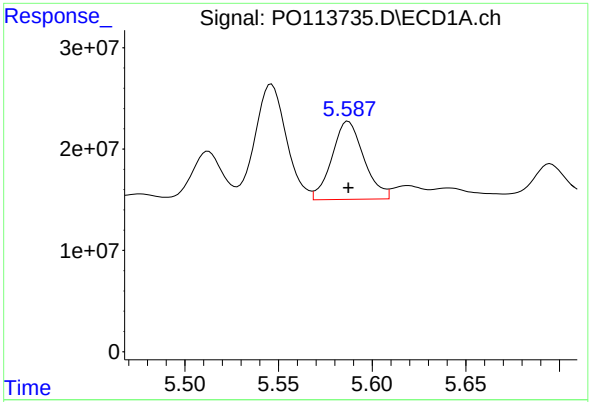
#24 AR-1248-4

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 134190749
Conc: 267.57 ng/ml



#24 AR-1248-4

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 53811343
Conc: 275.86 ng/ml



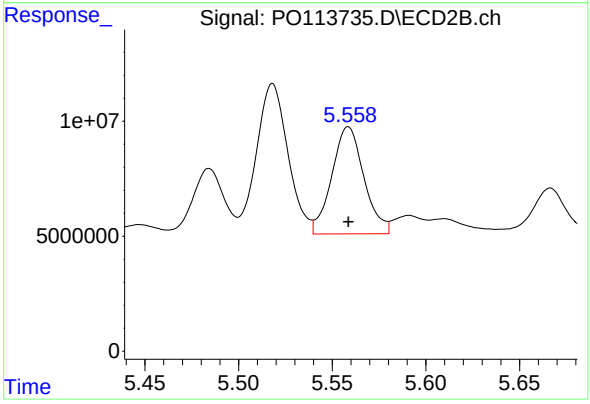
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 91796490
Conc: 267.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



#25 AR-1248-5

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 55645015
Conc: 278.80 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113736.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 15:26
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 15:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 15:45:14 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...	3.660	3.650	32089373	20534701	3.979	4.192
2)	SA Decachlor...	8.671	8.615	28408639	8300377	4.132	4.098
	Target Compounds						
21)	L5 AR-1248-1	4.744	4.722	8597711	4929969	47.693	45.094
22)	L5 AR-1248-2	4.981	4.957	10595062	7750399	43.562	49.185
23)	L5 AR-1248-3	5.193	4.999	15737208	8252286	48.499	49.440
24)	L5 AR-1248-4	5.546	5.169	24775522	9558331	49.519	49.197
25)	L5 AR-1248-5	5.588	5.558	15935750	10777751	47.120	53.150

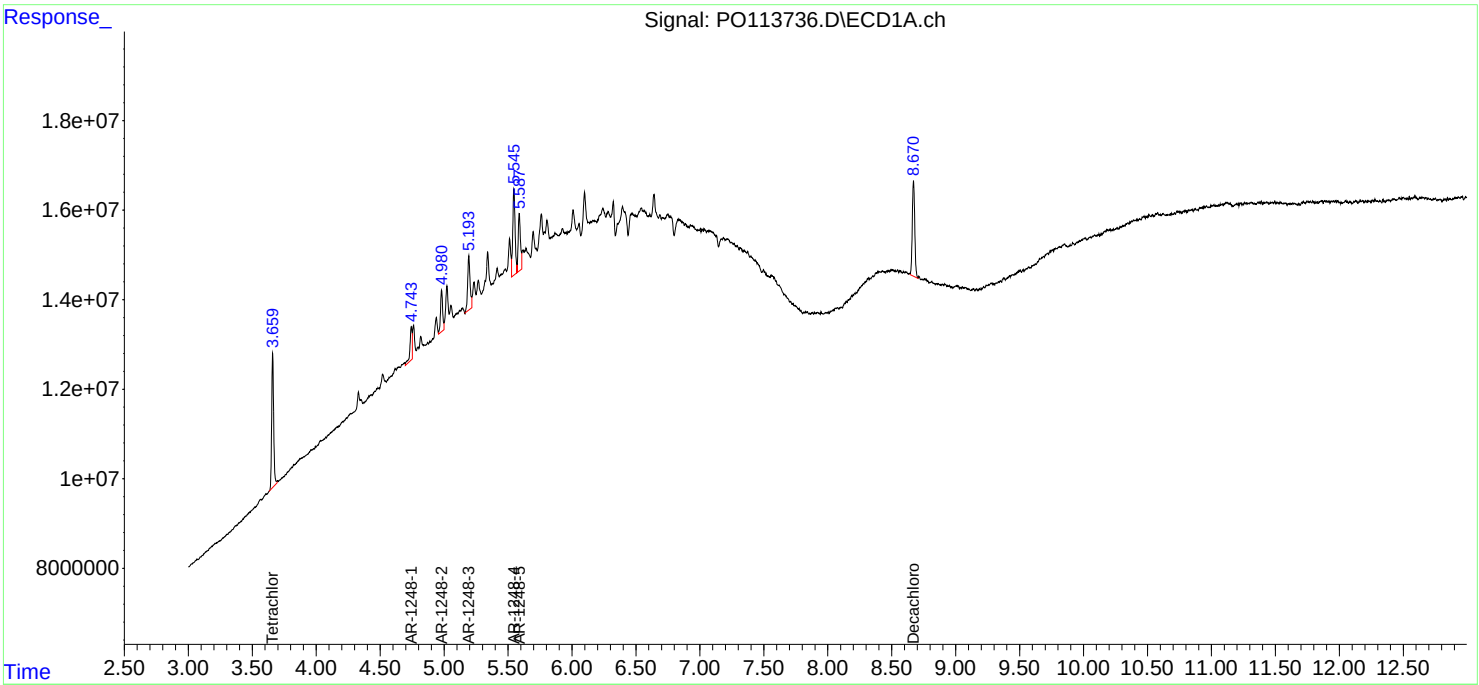
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

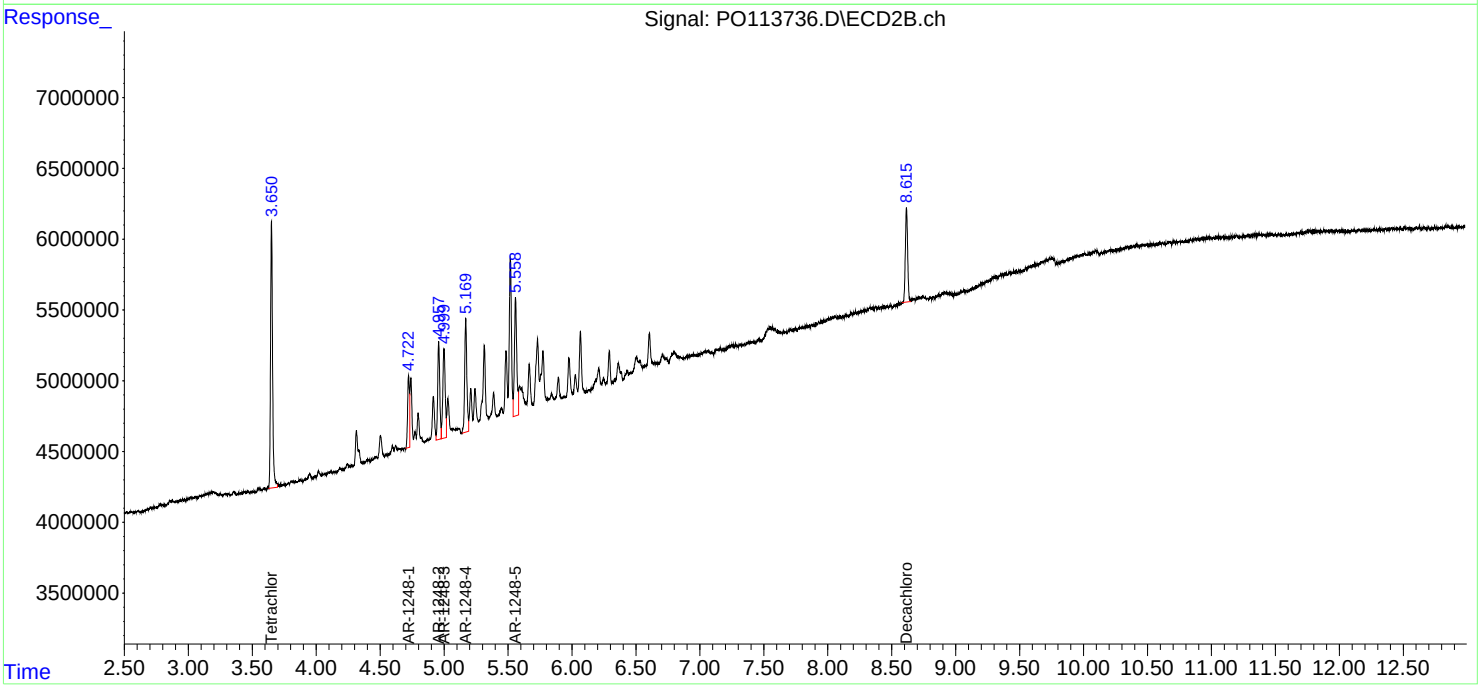
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113736.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 15:26
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

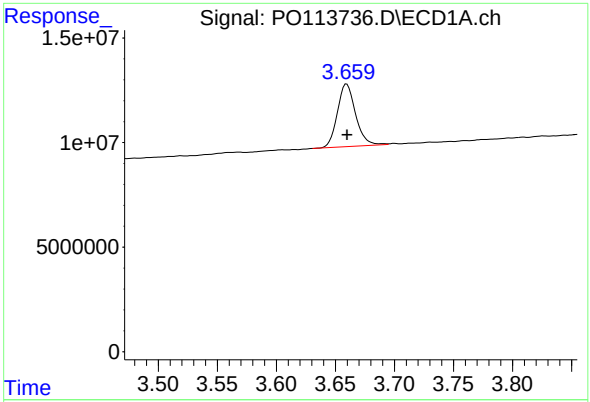
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 15:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 15:45:14 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



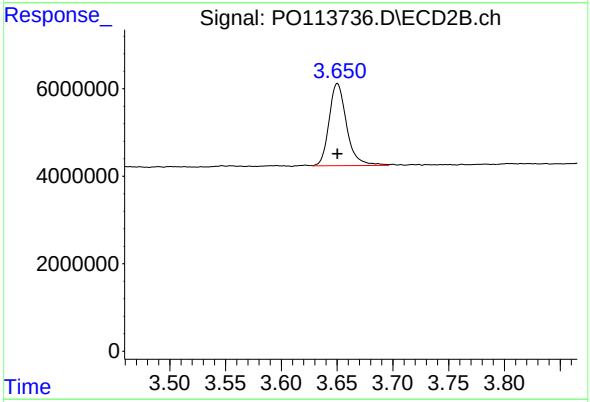




#1 Tetrachloro-m-xylene

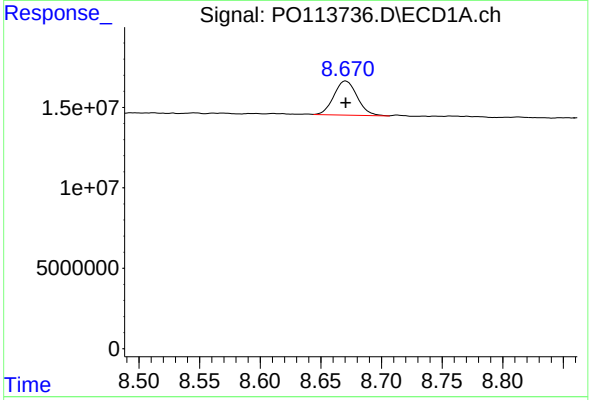
R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 32089373
Conc: 3.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



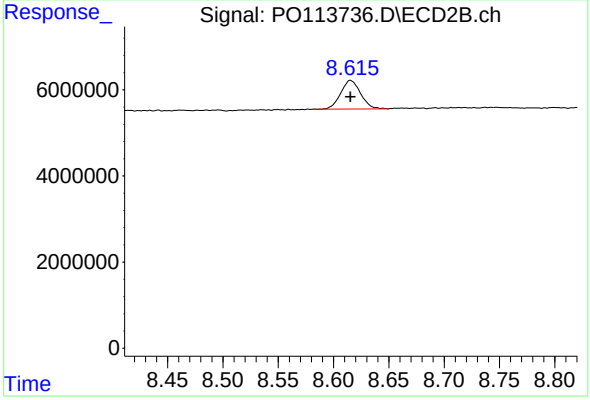
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 20534701
Conc: 4.19 ng/ml



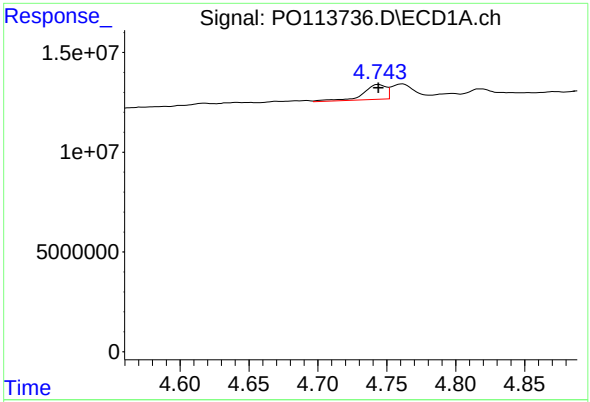
#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 28408639
Conc: 4.13 ng/ml



#2 Decachlorobiphenyl

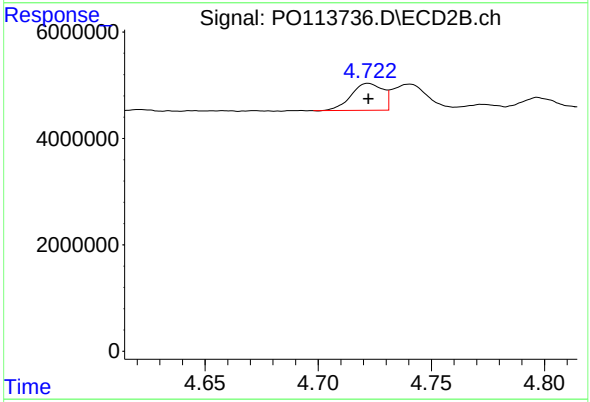
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 8300377
Conc: 4.10 ng/ml



#21 AR-1248-1

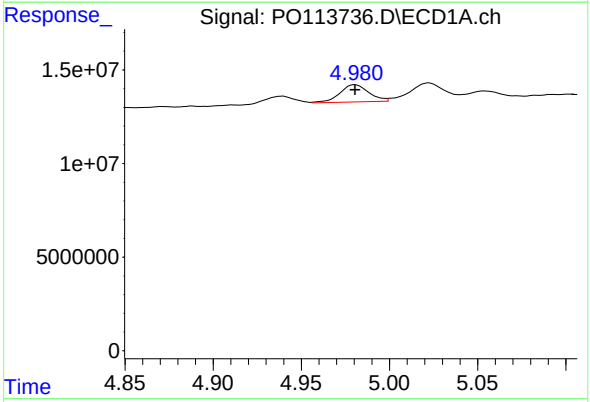
R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 8597711
Conc: 47.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



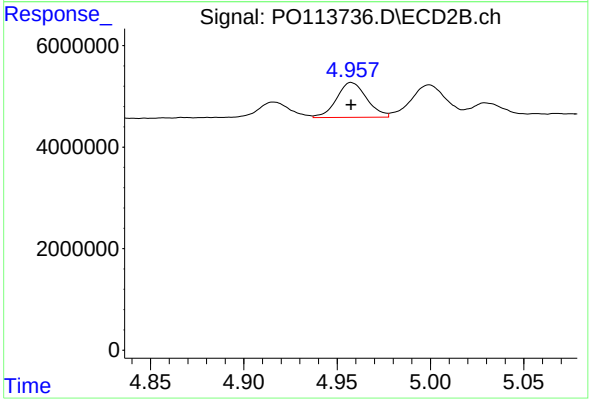
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 4929969
Conc: 45.09 ng/ml



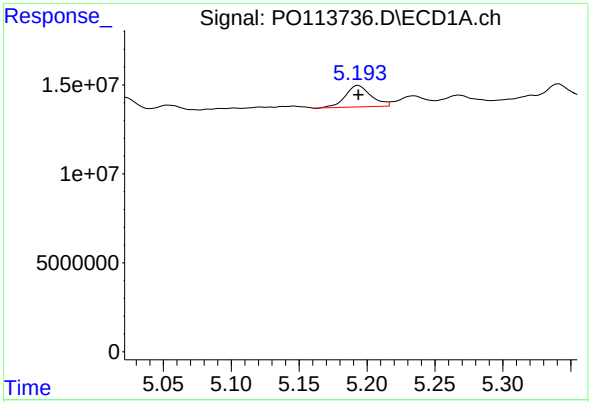
#22 AR-1248-2

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 10595062
Conc: 43.56 ng/ml



#22 AR-1248-2

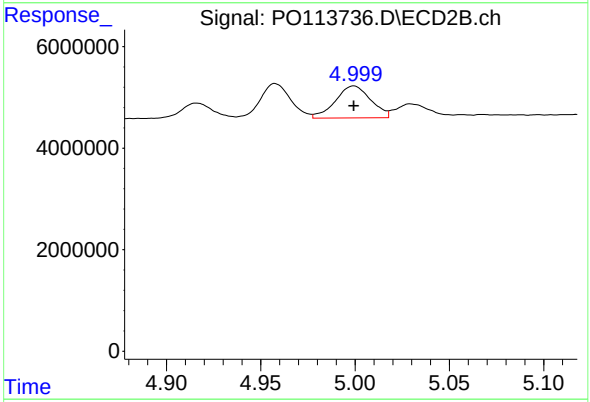
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 7750399
Conc: 49.19 ng/ml



#23 AR-1248-3

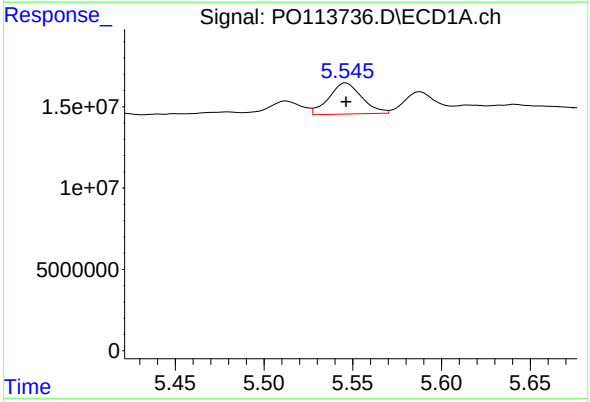
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 15737208
Conc: 48.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



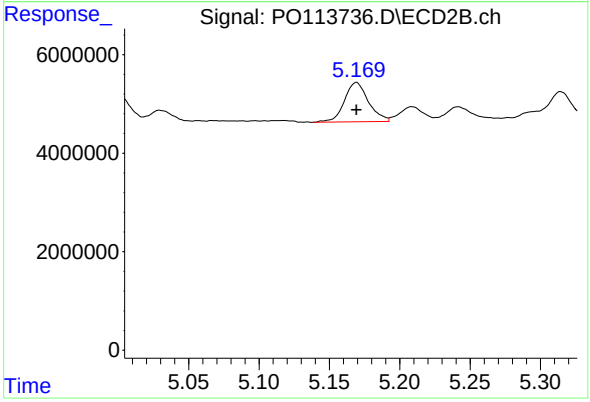
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 8252286
Conc: 49.44 ng/ml



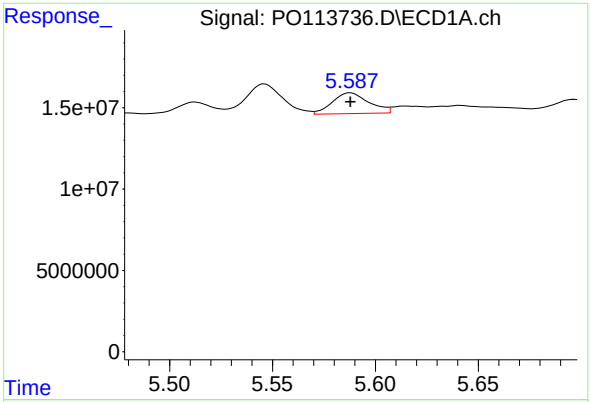
#24 AR-1248-4

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 24775522
Conc: 49.52 ng/ml



#24 AR-1248-4

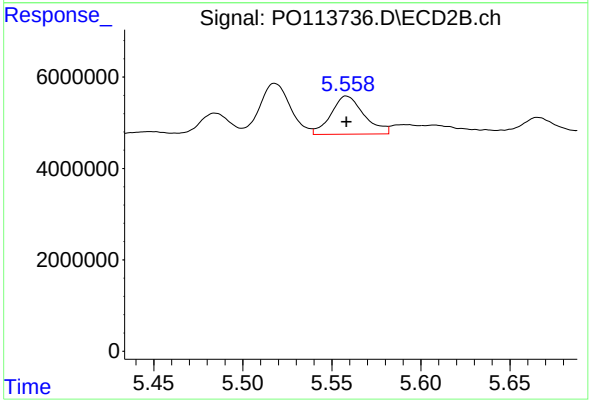
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 9558331
Conc: 49.20 ng/ml



#25 AR-1248-5

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 15935750
Conc: 47.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 10777751
Conc: 53.15 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113737.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 15:45
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: Sep 15 16:39:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:36:21 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...	3.660	3.651	832.6E6	490.7E6	98.269	98.049
2)	SA Decachlor...	8.670	8.616	720.4E6	202.3E6	97.290	96.875
	Target Compounds						
26)	L6 AR-1254-1	5.546	5.519	525.3E6	279.6E6	964.321	957.531
27)	L6 AR-1254-2	5.695	5.667	478.2E6	241.2E6	958.454	953.589
28)	L6 AR-1254-3	6.098	6.066	746.6E6	370.6E6	965.121	968.115
29)	L6 AR-1254-4	6.328	6.294	555.0E6	235.6E6	971.115	964.300
30)	L6 AR-1254-5	6.745	6.709	718.1E6	290.2E6	971.401	964.075

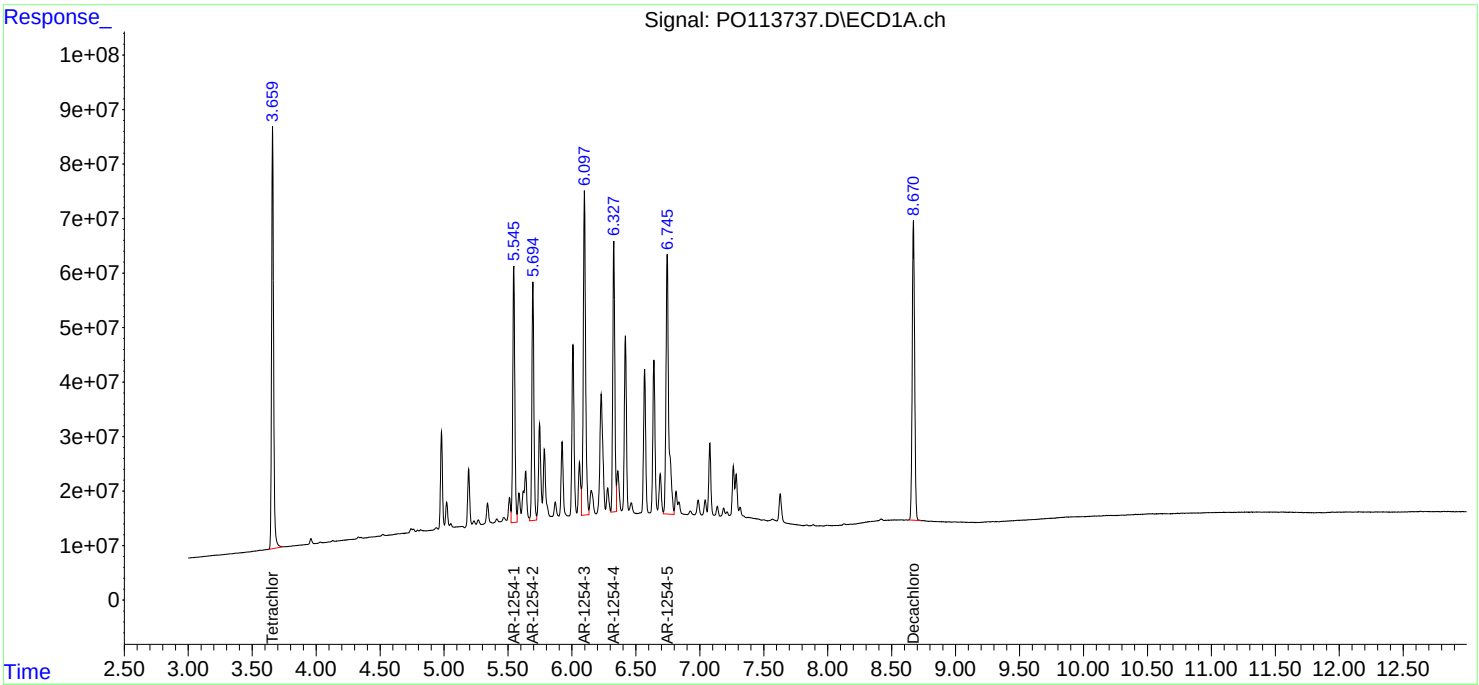
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

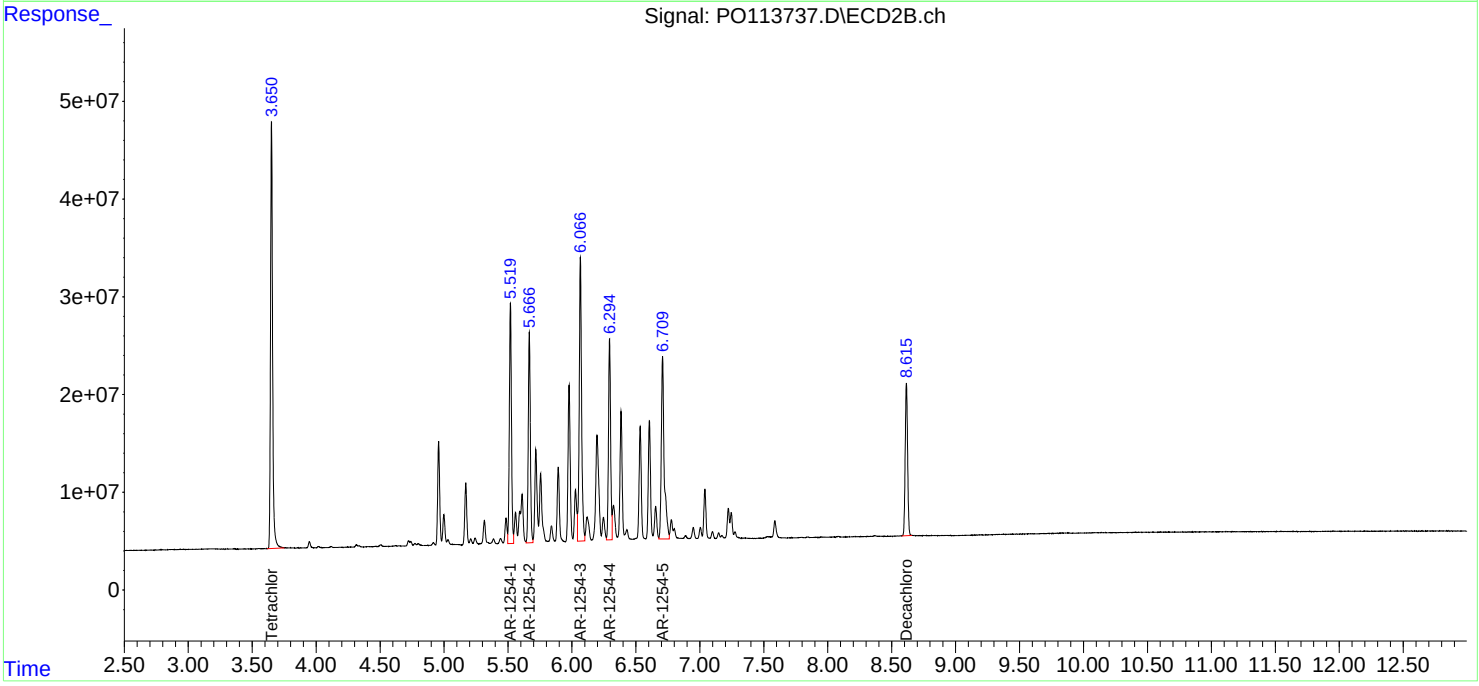
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113737.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 15:45
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

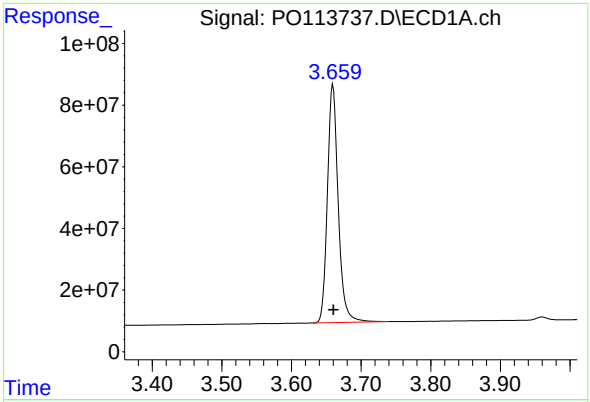
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 16:39:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:36:21 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



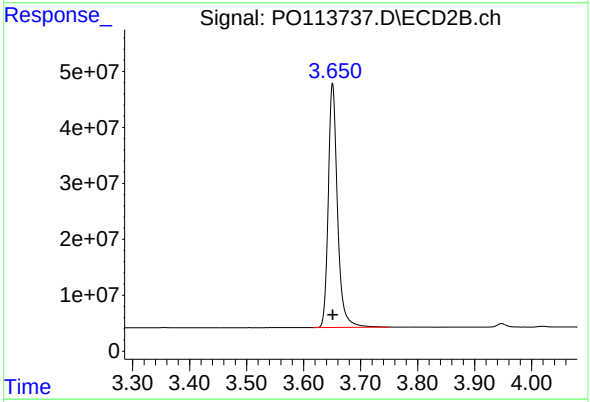




#1 Tetrachloro-m-xylene

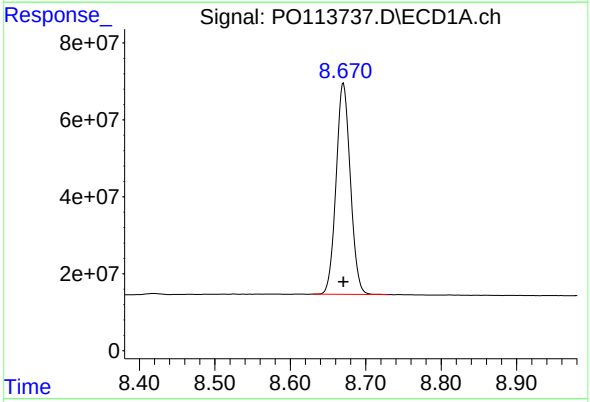
R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 832640767
Conc: 98.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



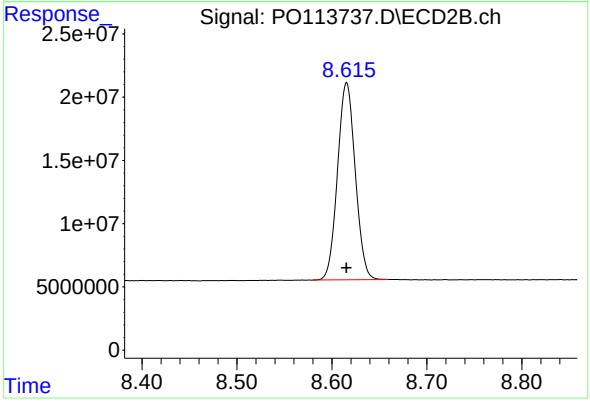
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 490659616
Conc: 98.05 ng/ml



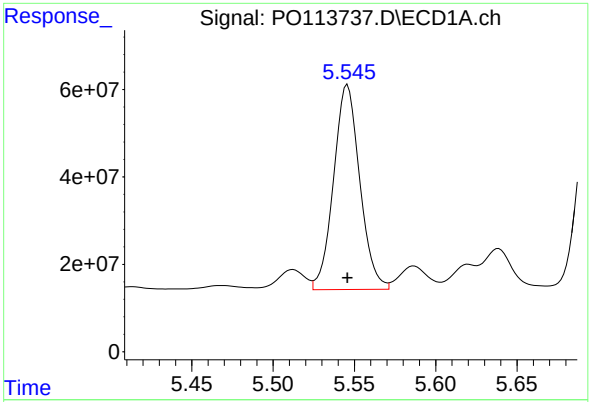
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 720384980
Conc: 97.29 ng/ml



#2 Decachlorobiphenyl

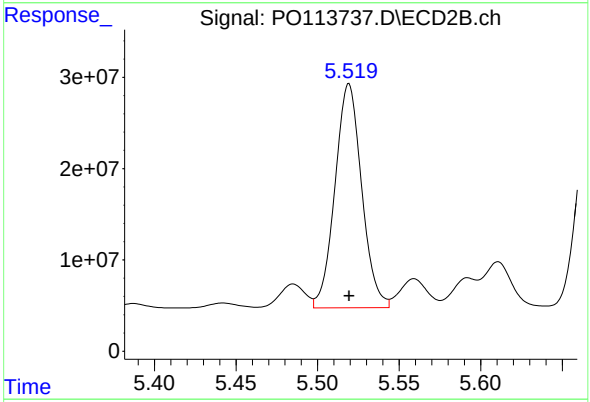
R.T.: 8.616 min
Delta R.T.: 0.000 min
Response: 202349499
Conc: 96.88 ng/ml



#26 AR-1254-1

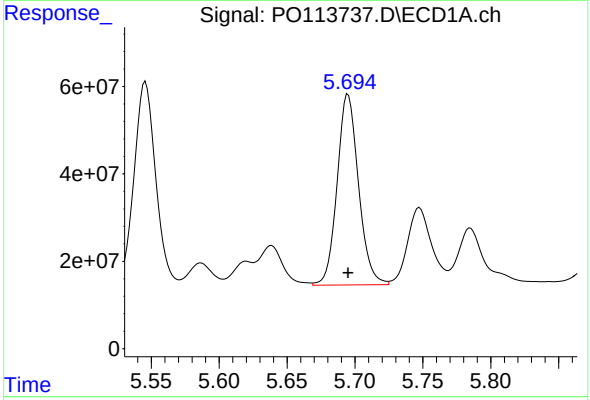
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 525265407
Conc: 964.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



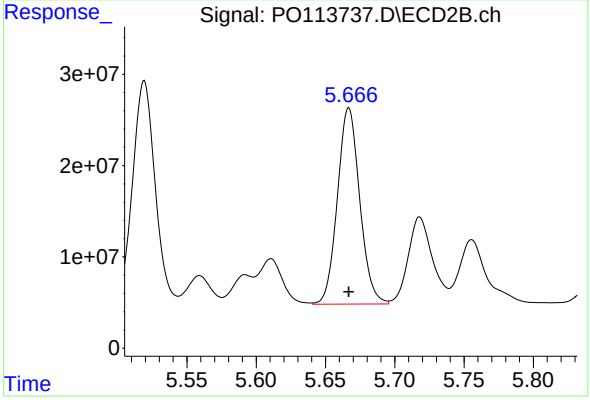
#26 AR-1254-1

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 279563251
Conc: 957.53 ng/ml



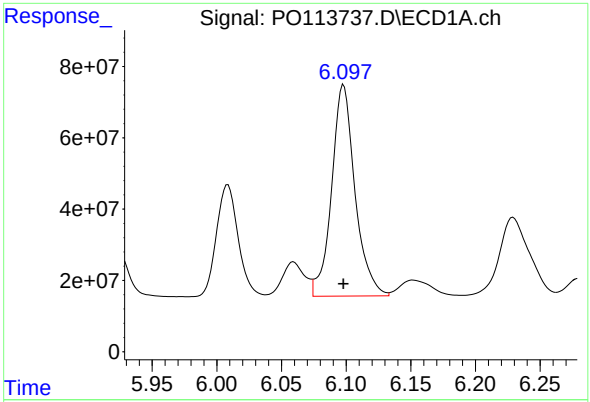
#27 AR-1254-2

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 478176368
Conc: 958.45 ng/ml



#27 AR-1254-2

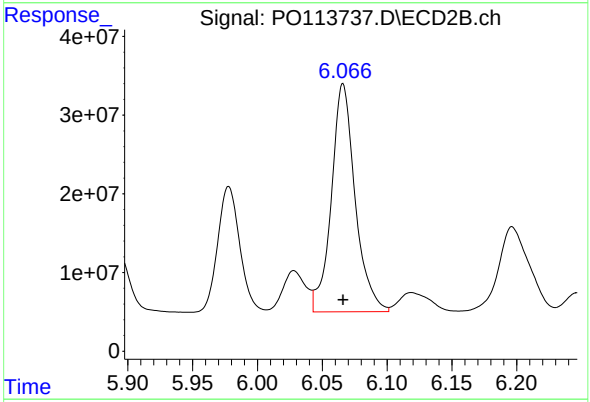
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 241241488
Conc: 953.59 ng/ml



#28 AR-1254-3

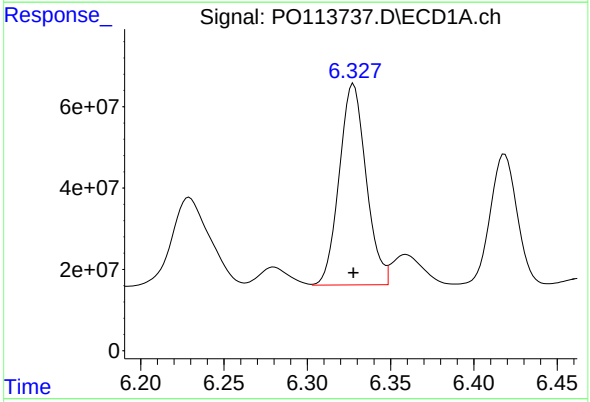
R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 746637997
Conc: 965.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



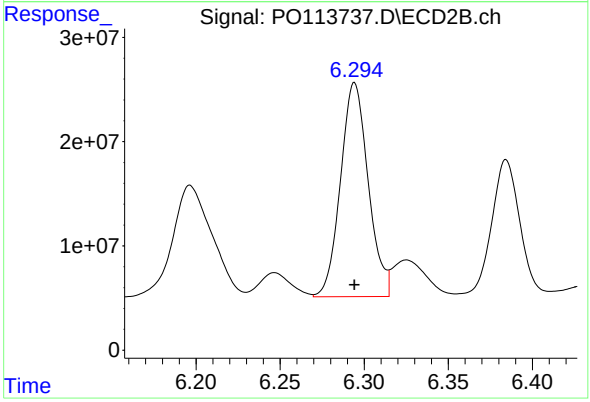
#28 AR-1254-3

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 370644030
Conc: 968.11 ng/ml



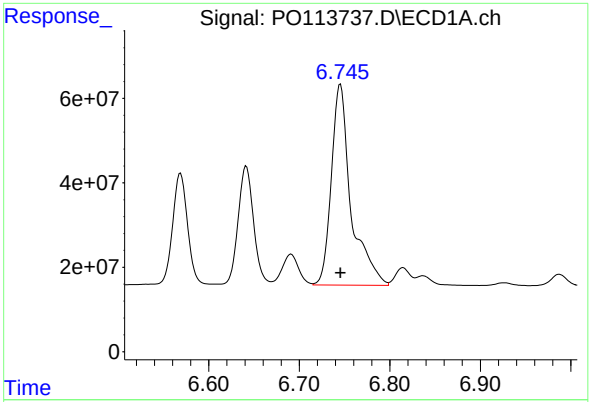
#29 AR-1254-4

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 554979056
Conc: 971.11 ng/ml



#29 AR-1254-4

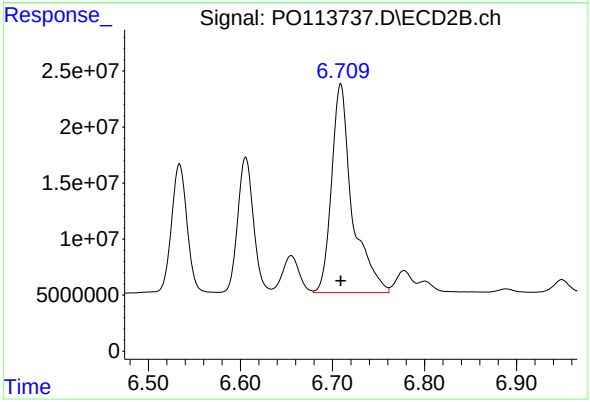
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 235623256
Conc: 964.30 ng/ml



#30 AR-1254-5

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 718134746
Conc: 971.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 290238808
Conc: 964.08 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113738.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 16:02
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: Sep 15 16:42:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:36:21 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...	3.658	3.651	636.3E6	374.3E6	75.068	74.866
2)	SA Decachlor...	8.668	8.613	552.3E6	155.6E6	74.727	74.646
	Target Compounds						
26)	L6 AR-1254-1	5.544	5.518	402.1E6	217.0E6	742.146	745.382
27)	L6 AR-1254-2	5.693	5.666	366.4E6	188.0E6	739.478	745.446
28)	L6 AR-1254-3	6.096	6.065	570.3E6	285.2E6	741.389	746.594
29)	L6 AR-1254-4	6.326	6.293	424.0E6	181.9E6	744.553	746.305
30)	L6 AR-1254-5	6.743	6.708	550.0E6	223.6E6	745.976	745.051

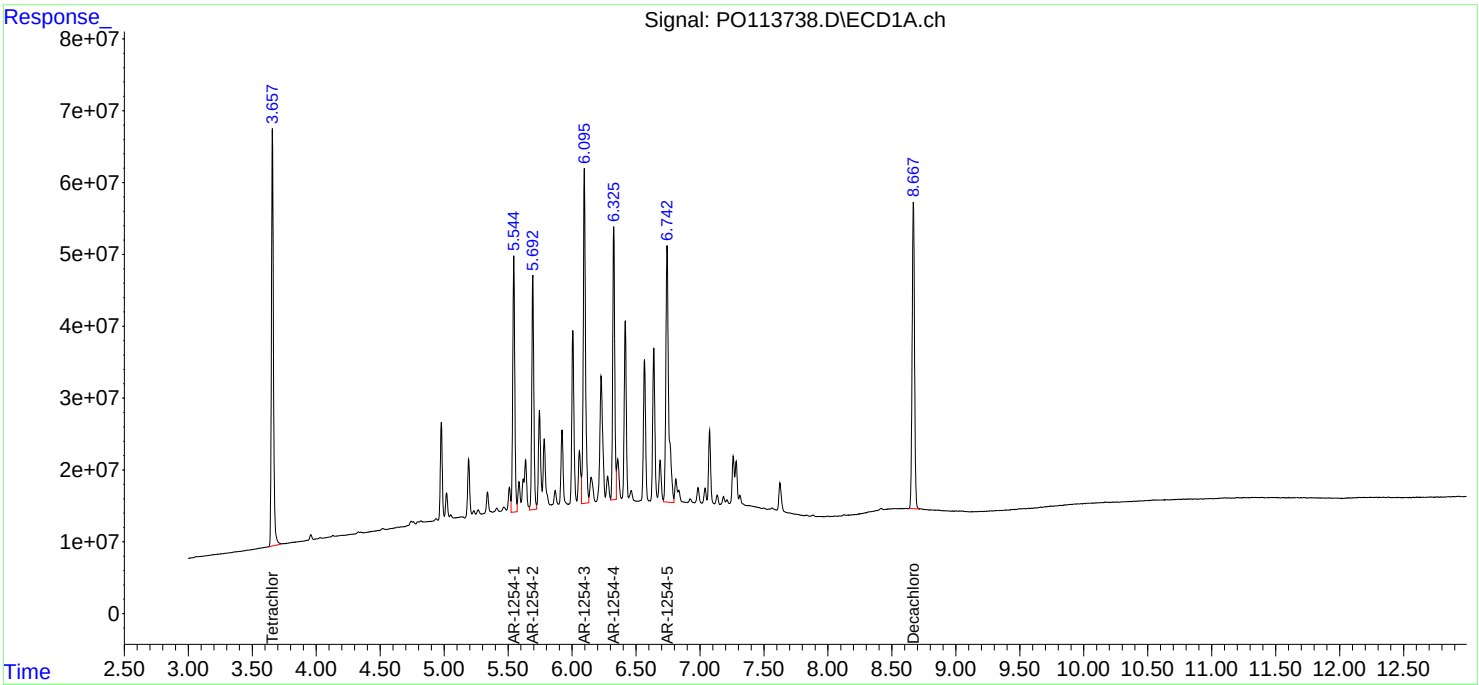
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

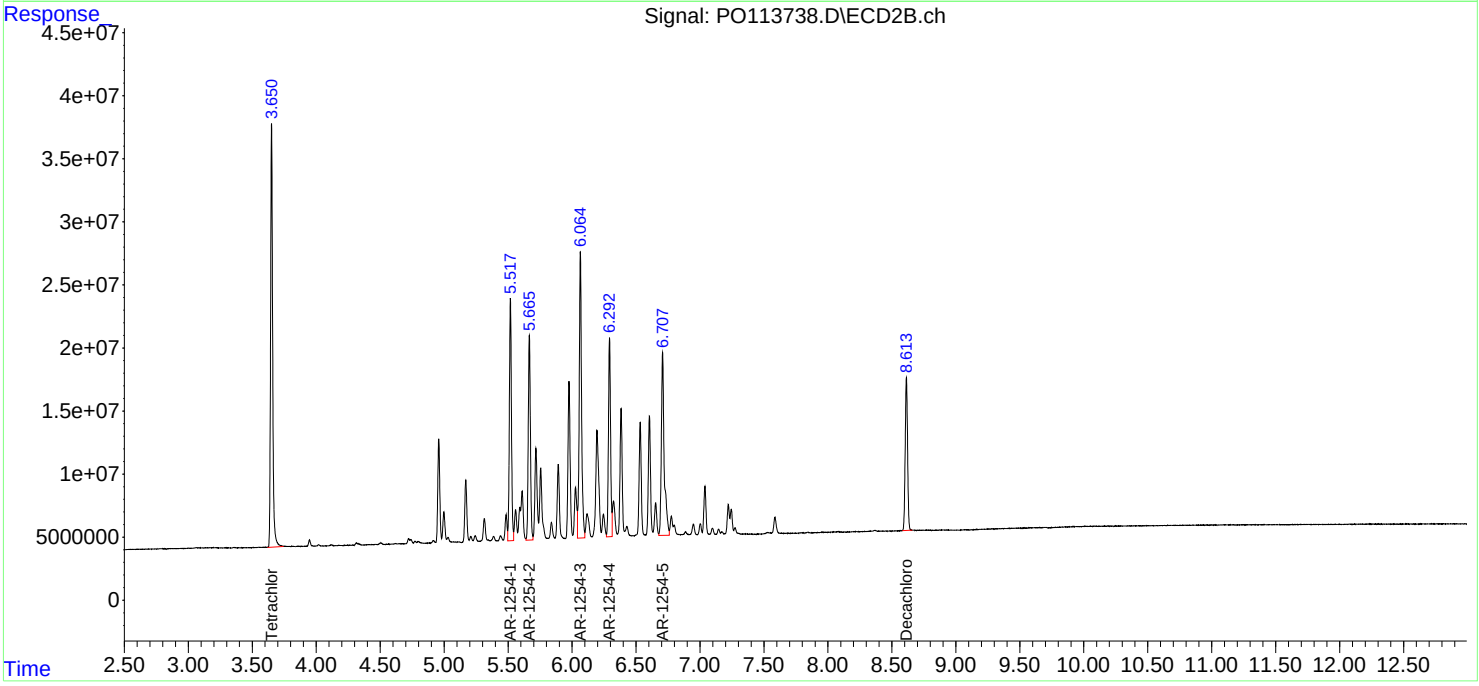
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113738.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 16:02
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

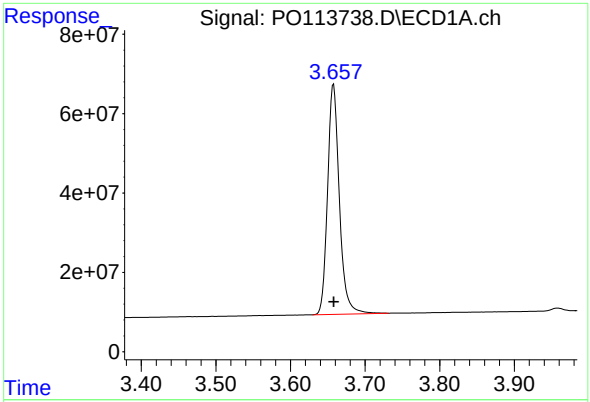
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 16:42:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:36:21 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



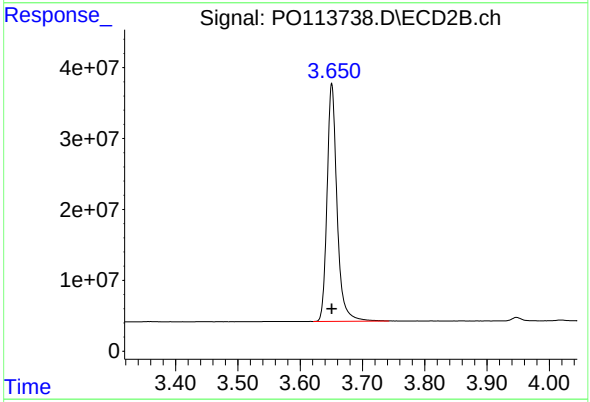




#1 Tetrachloro-m-xylene

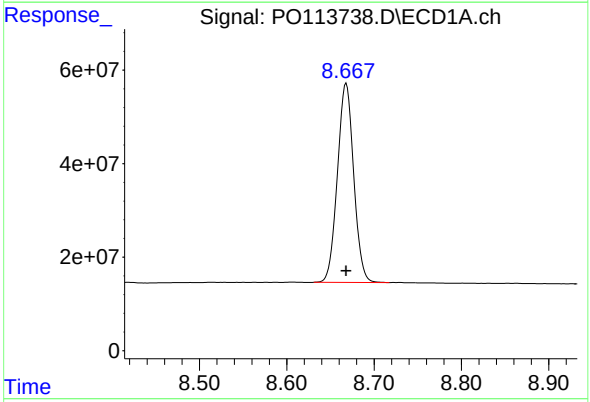
R.T.: 3.658 min
Delta R.T.: 0.000 min
Response: 636346705
Conc: 75.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



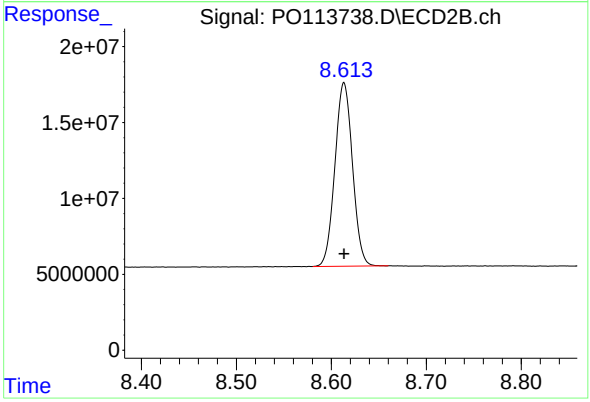
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 374310103
Conc: 74.87 ng/ml



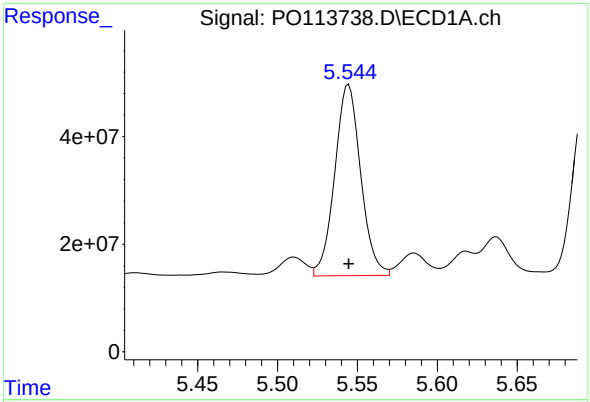
#2 Decachlorobiphenyl

R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 552307352
Conc: 74.73 ng/ml



#2 Decachlorobiphenyl

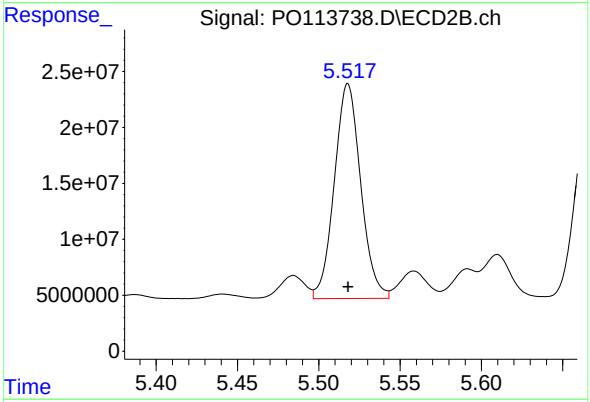
R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 155551598
Conc: 74.65 ng/ml



#26 AR-1254-1

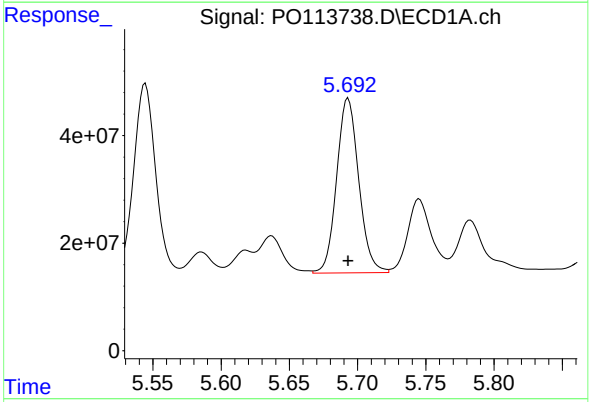
R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 402141417
Conc: 742.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



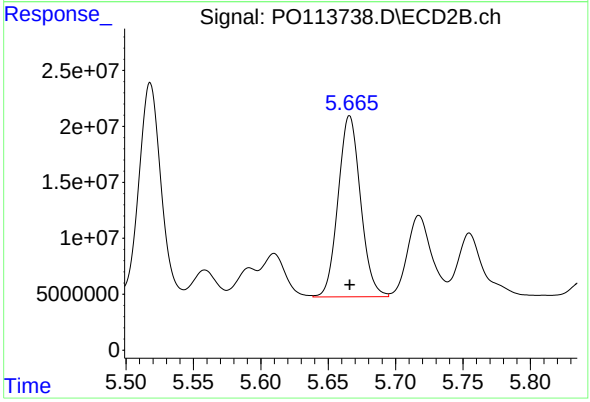
#26 AR-1254-1

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 216955614
Conc: 745.38 ng/ml



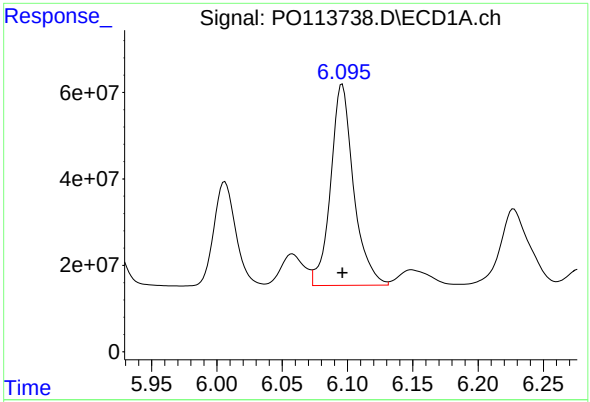
#27 AR-1254-2

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 366358927
Conc: 739.48 ng/ml



#27 AR-1254-2

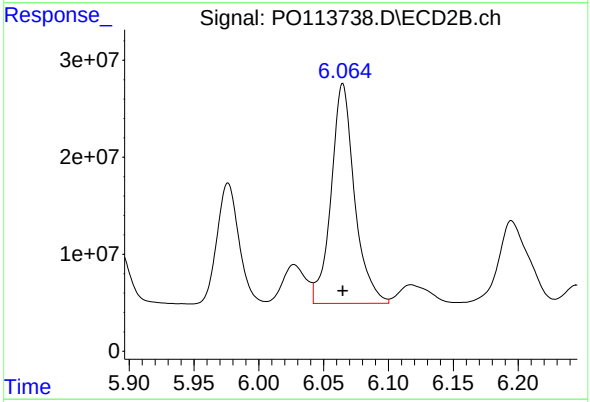
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 188014070
Conc: 745.45 ng/ml



#28 AR-1254-3

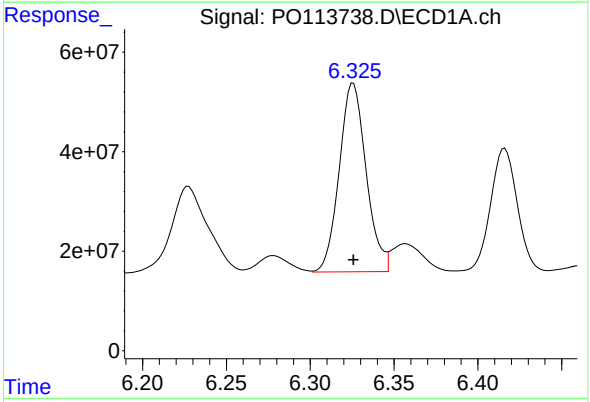
R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 570279742
Conc: 741.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



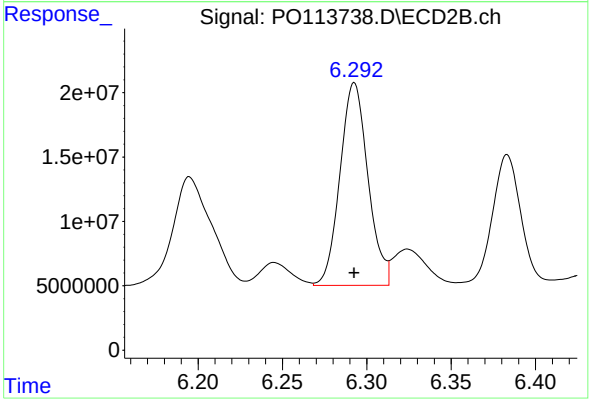
#28 AR-1254-3

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 285187013
Conc: 746.59 ng/ml



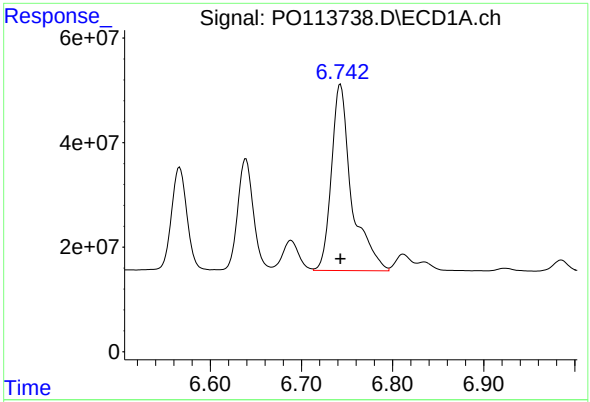
#29 AR-1254-4

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 423962358
Conc: 744.55 ng/ml



#29 AR-1254-4

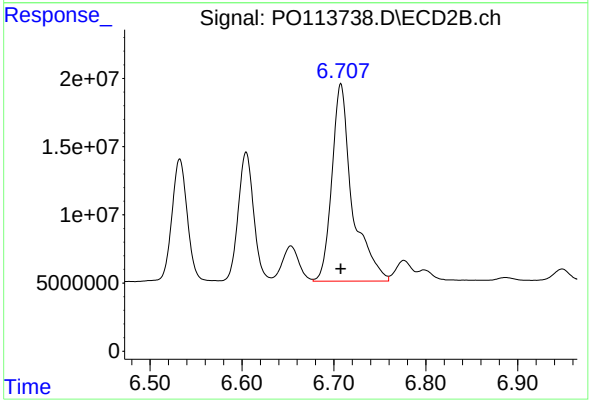
R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 181908839
Conc: 746.31 ng/ml



#30 AR-1254-5

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 550007252
Conc: 745.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 223563129
Conc: 745.05 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 16:20
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: Sep 15 16:36:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:36:21 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...	3.659	3.651	431.0E6	255.1E6	50.000	50.000
2)	SA Decachlor...	8.671	8.615	380.3E6	107.7E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.546	5.519	282.1E6	152.2E6	500.000	500.000
27)	L6 AR-1254-2	5.695	5.667	259.8E6	132.4E6	500.000	500.000
28)	L6 AR-1254-3	6.098	6.066	400.3E6	197.5E6	500.000	500.000
29)	L6 AR-1254-4	6.327	6.294	294.0E6	126.5E6	500.000	500.000
30)	L6 AR-1254-5	6.745	6.708	380.2E6	155.9E6	500.000	500.000

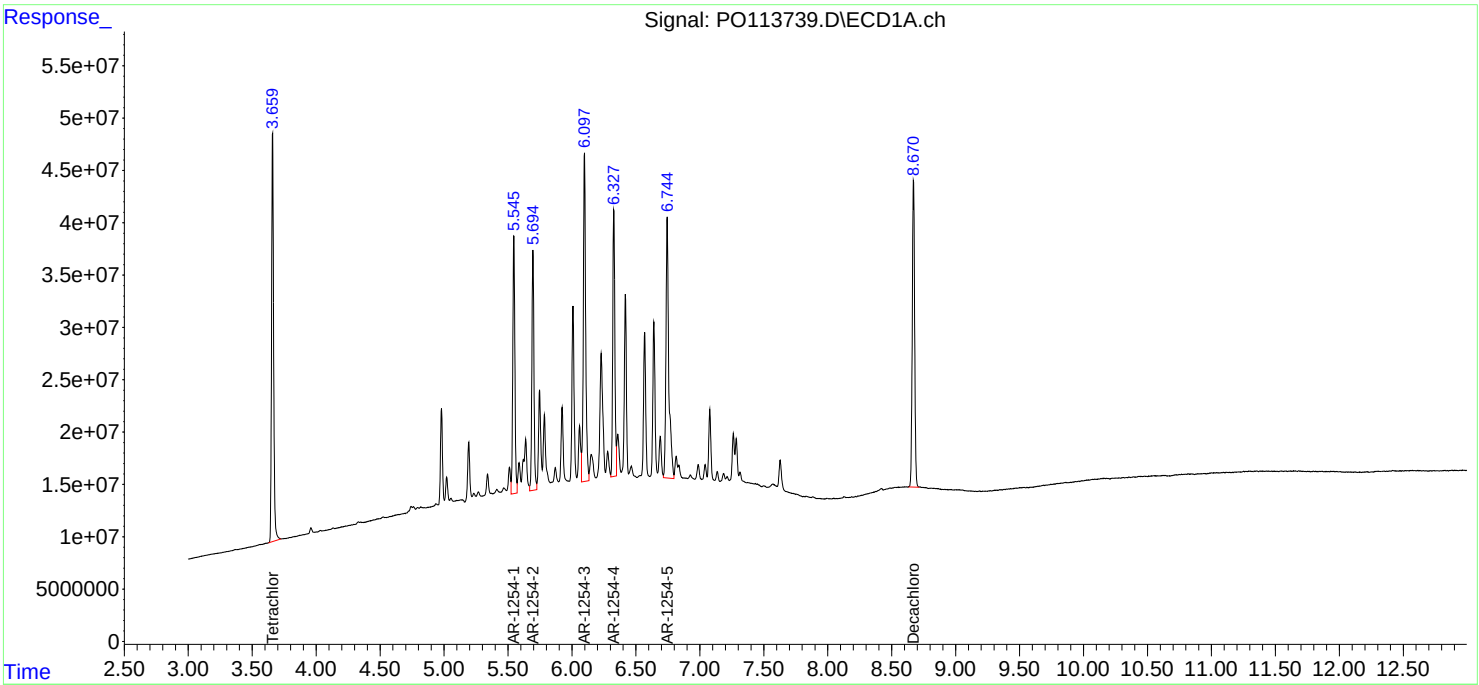
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

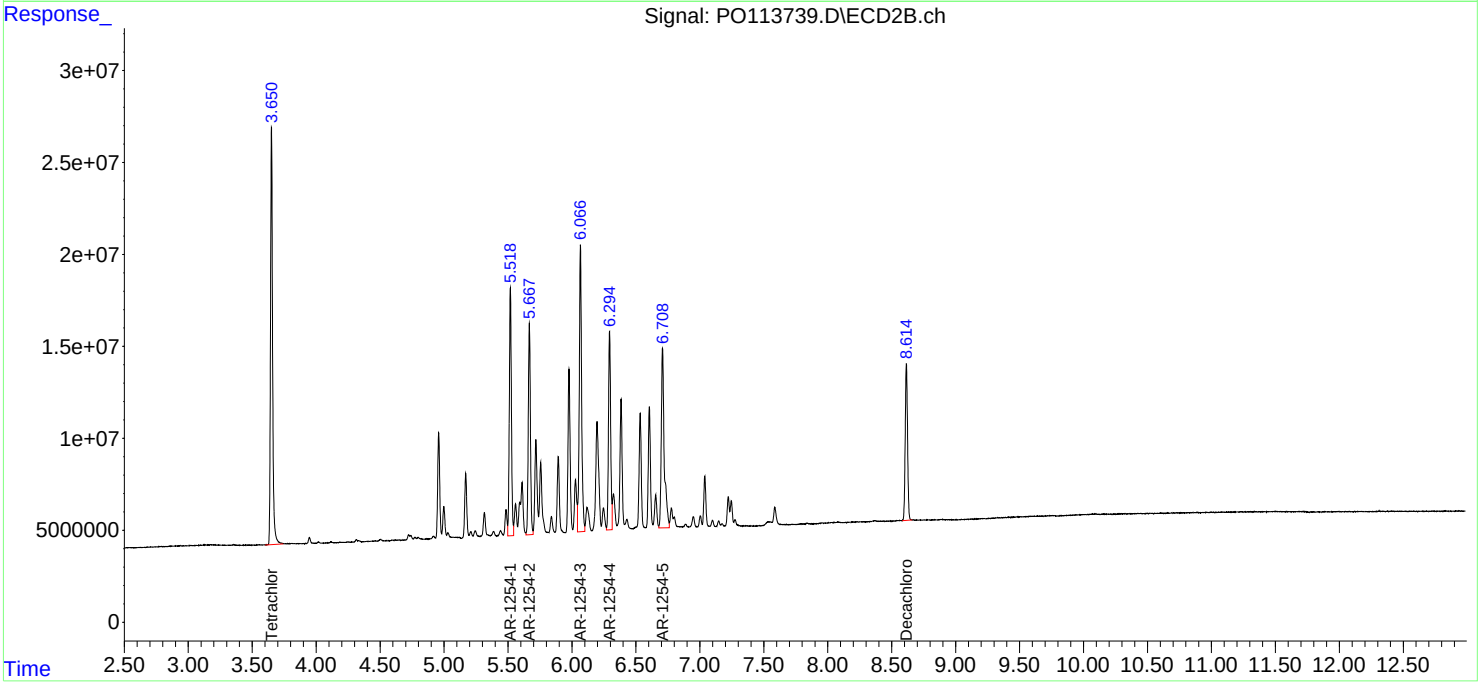
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 16:20
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

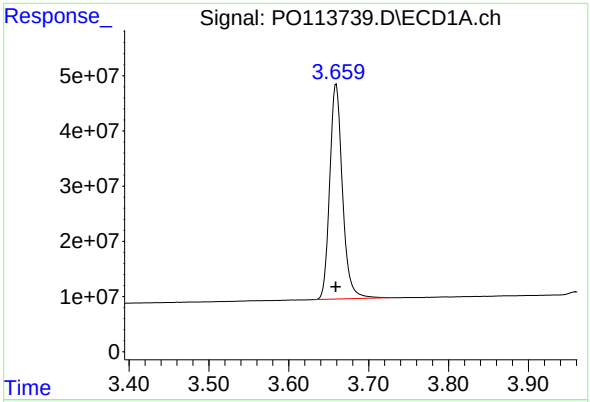
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 16:36:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:36:21 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



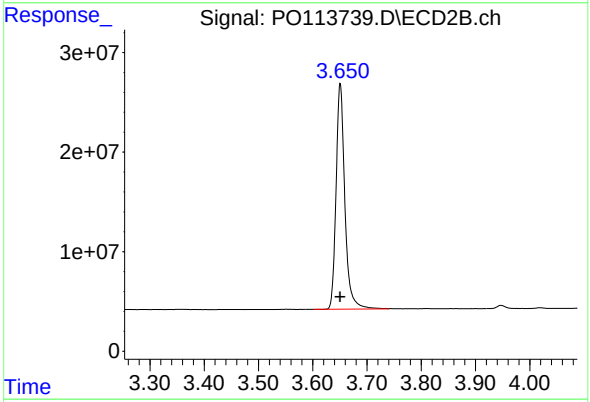




#1 Tetrachloro-m-xylene

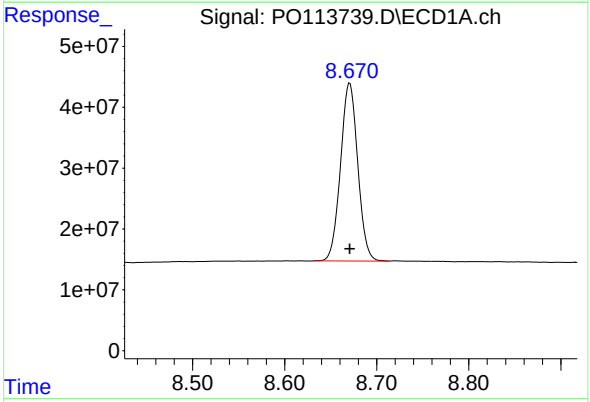
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 430983162
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



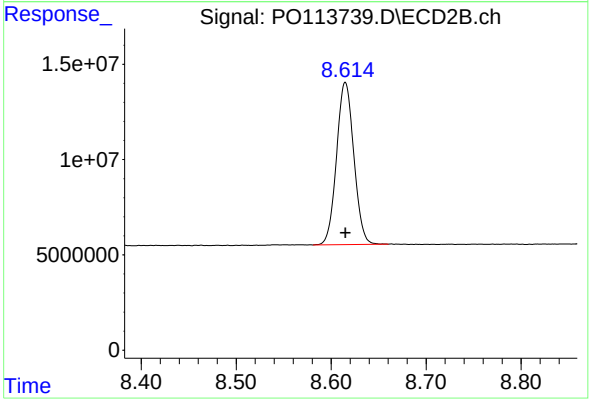
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 255094456
Conc: 50.00 ng/ml



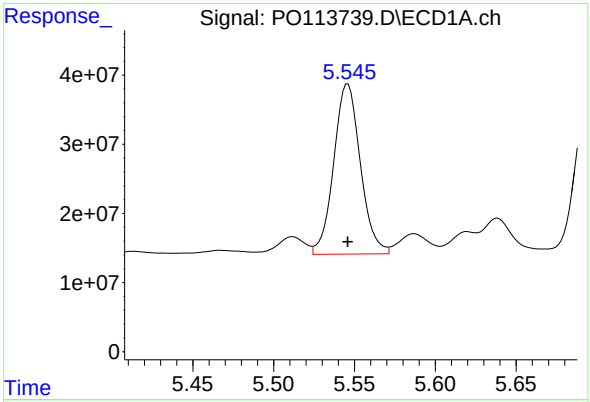
#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 380258367
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

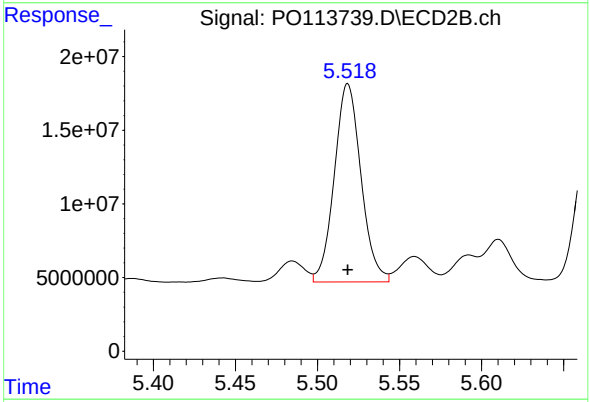
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 107701766
Conc: 50.00 ng/ml



#26 AR-1254-1

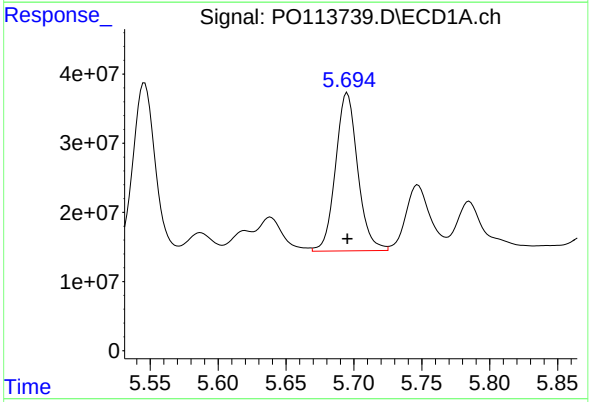
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 282067004
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



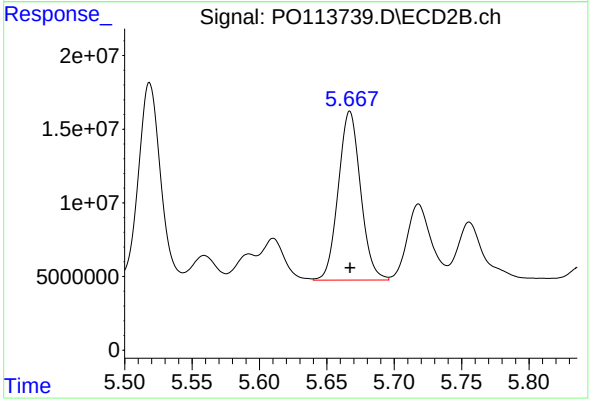
#26 AR-1254-1

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 152181009
Conc: 500.00 ng/ml



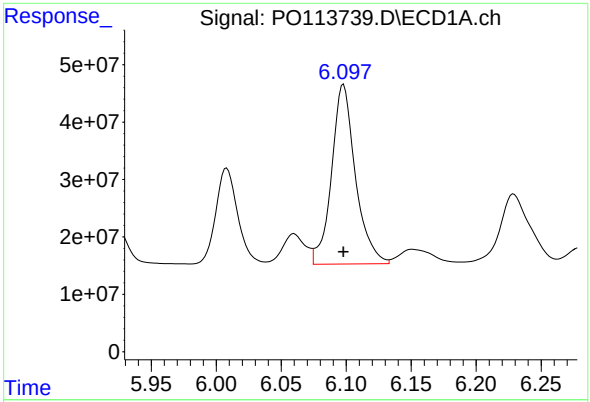
#27 AR-1254-2

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 259815819
Conc: 500.00 ng/ml



#27 AR-1254-2

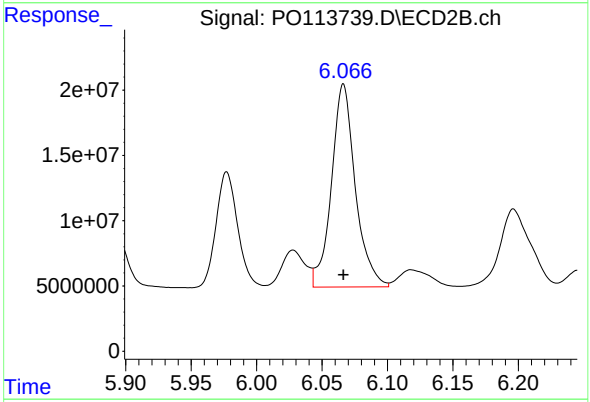
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 132361800
Conc: 500.00 ng/ml



#28 AR-1254-3

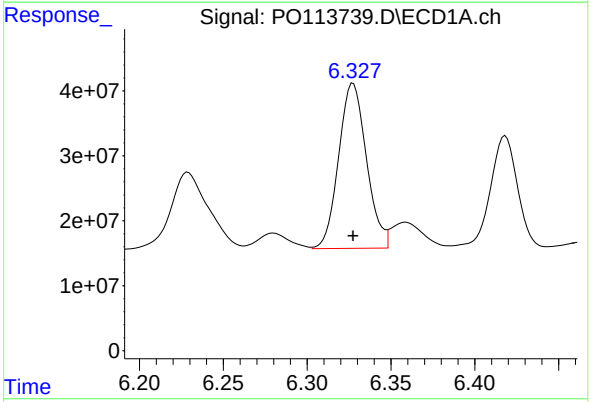
R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 400301834
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



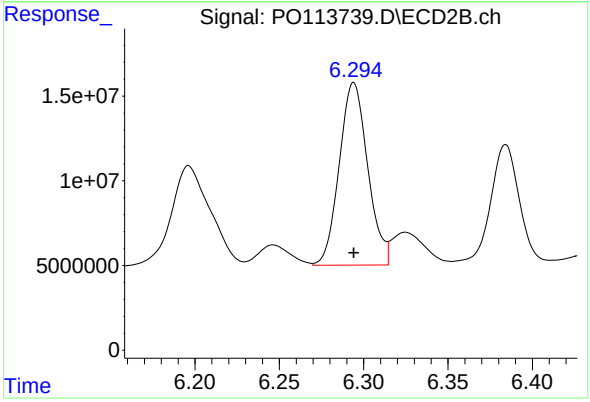
#28 AR-1254-3

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 197529411
Conc: 500.00 ng/ml



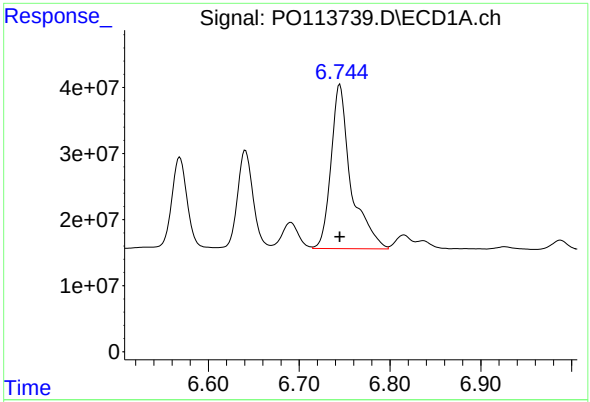
#29 AR-1254-4

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 293997033
Conc: 500.00 ng/ml



#29 AR-1254-4

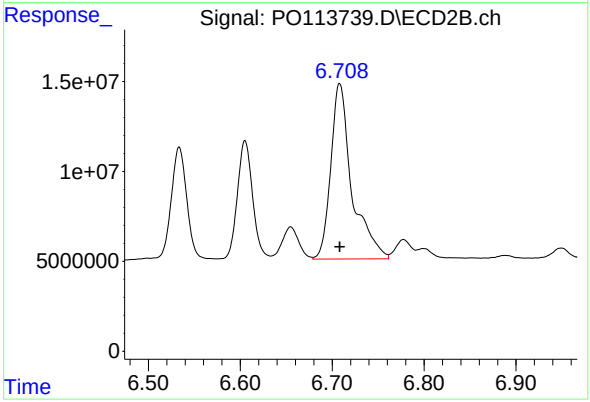
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 126534741
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 380209642
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 155934633
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 16:38
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: Sep 15 16:53:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:52:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.658	3.650	227.0E6	135.8E6	26.310	26.589
2)	SA Decachlor...	8.667	8.614	201.4E6	57331341	26.654	26.838
	Target Compounds						
26)	L6 AR-1254-1	5.545	5.518	155.3E6	84783533	276.504	279.737
27)	L6 AR-1254-2	5.693	5.667	145.8E6	73758590	281.747	280.535
28)	L6 AR-1254-3	6.096	6.066	222.6E6	108.3E6	278.402	274.343
29)	L6 AR-1254-4	6.326	6.294	161.6E6	69525562	274.556	275.529
30)	L6 AR-1254-5	6.743	6.708	198.8E6	85059150	264.465	274.289

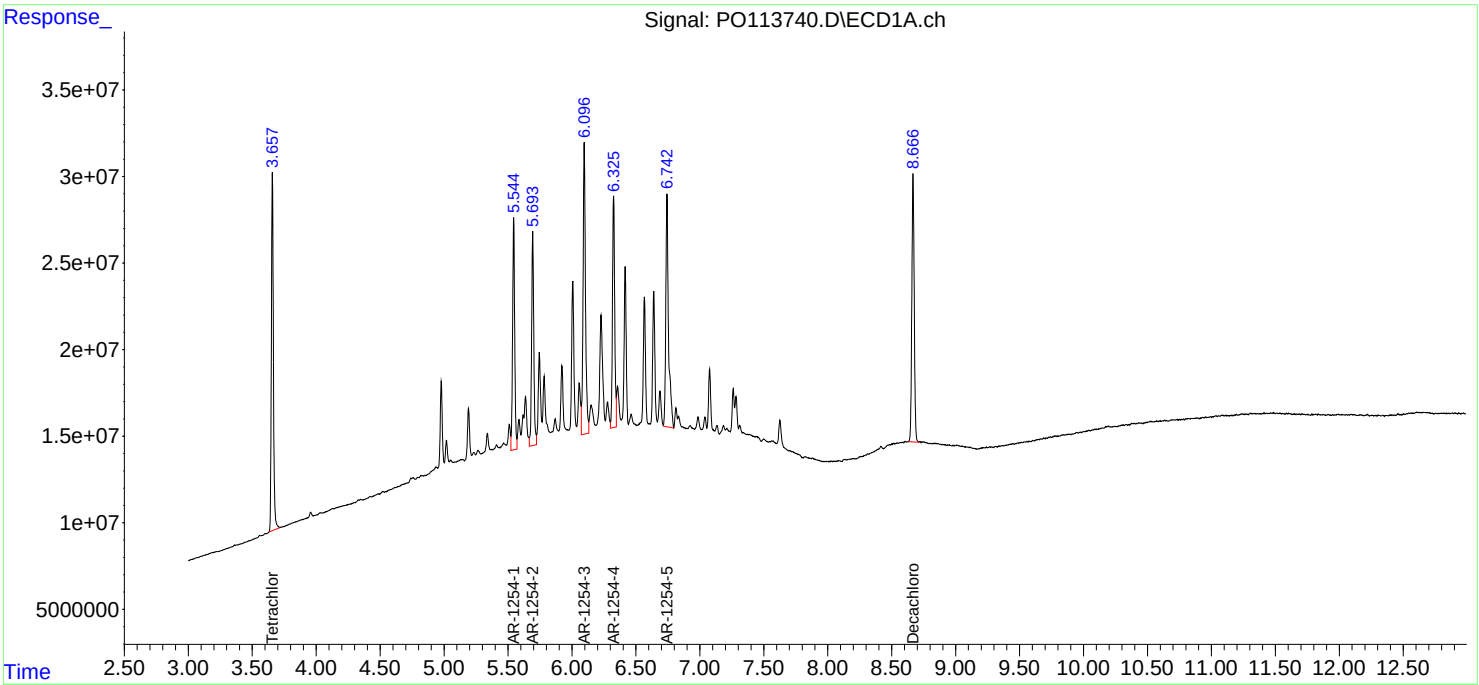
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

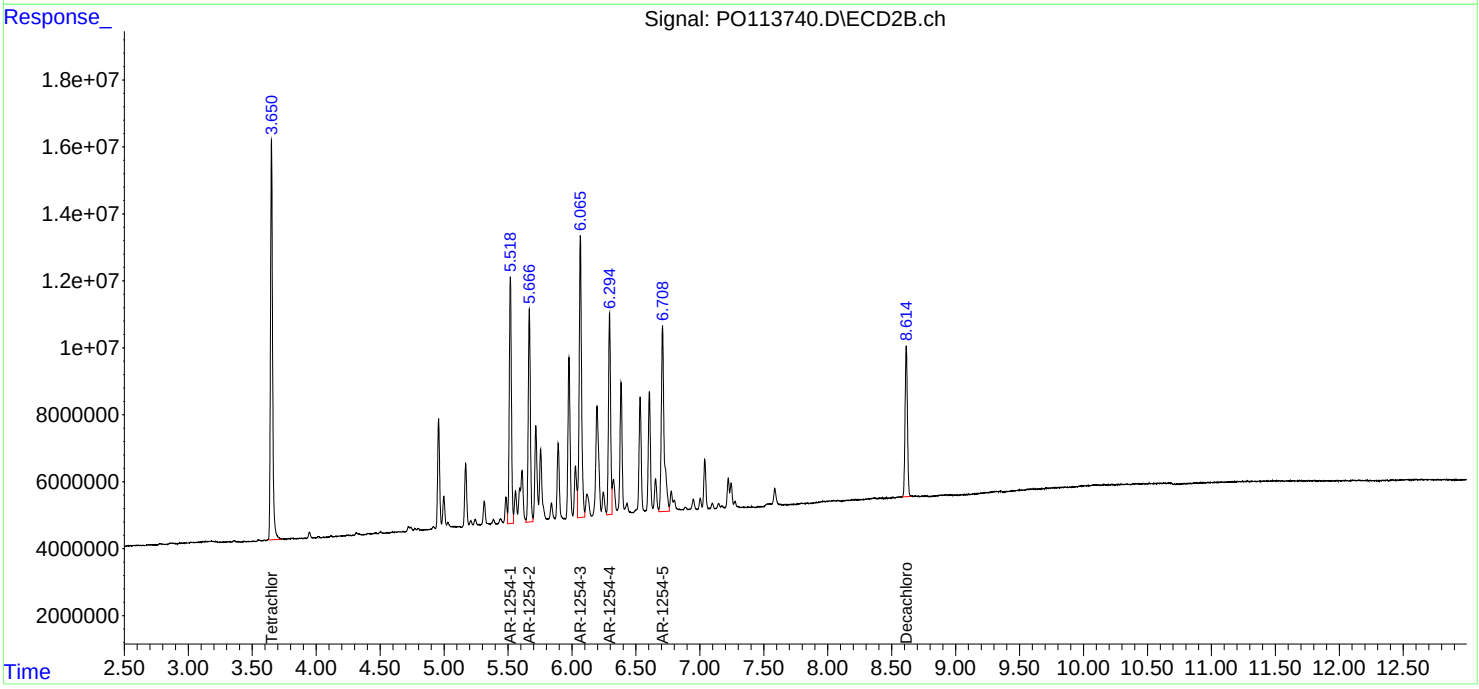
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 16:38
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

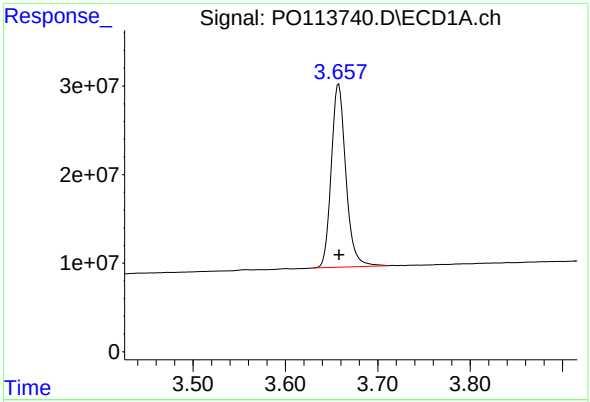
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 16:53:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 16:52:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



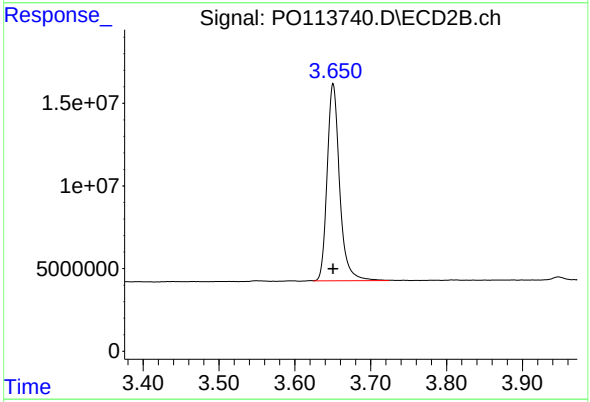




#1 Tetrachloro-m-xylene

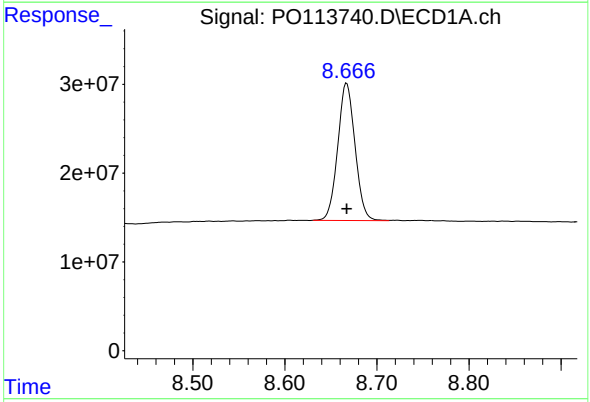
R.T.: 3.658 min
Delta R.T.: 0.000 min
Response: 226994573
Conc: 26.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



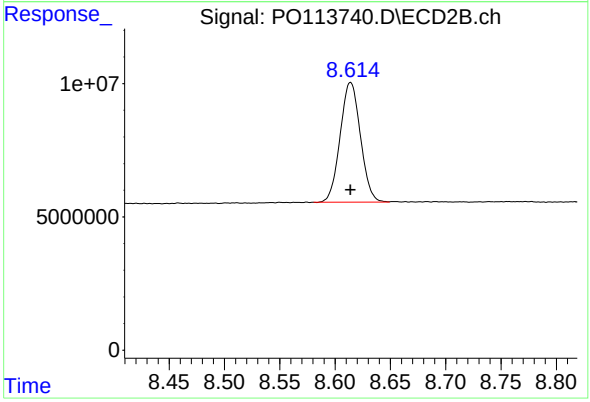
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 135813866
Conc: 26.59 ng/ml



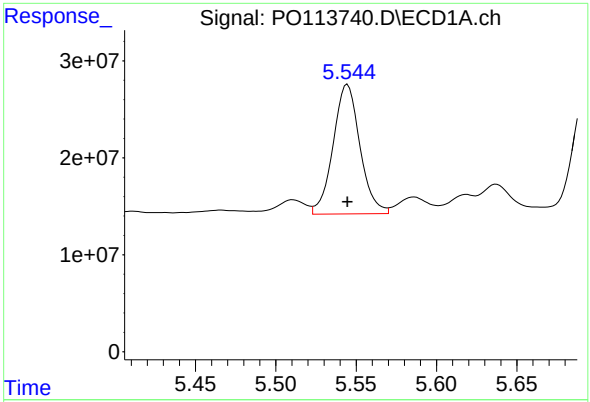
#2 Decachlorobiphenyl

R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 201443150
Conc: 26.65 ng/ml



#2 Decachlorobiphenyl

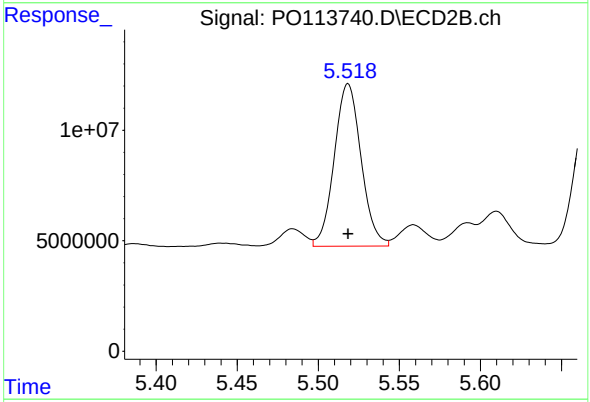
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 57331341
Conc: 26.84 ng/ml



#26 AR-1254-1

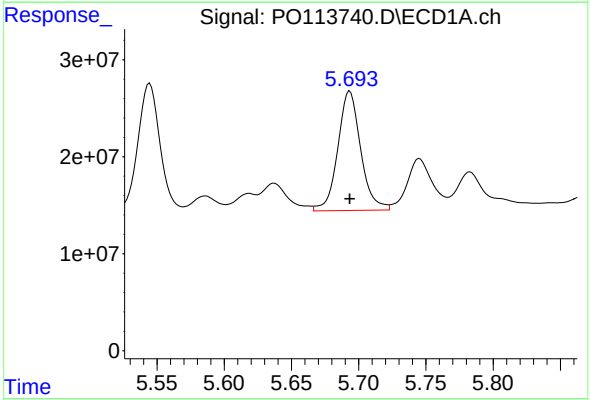
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 155316217
Conc: 276.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



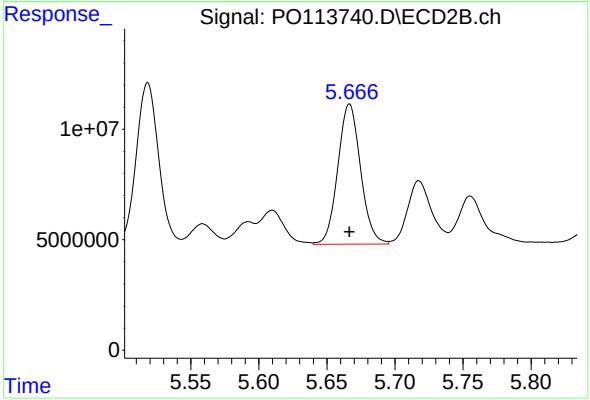
#26 AR-1254-1

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 84783533
Conc: 279.74 ng/ml



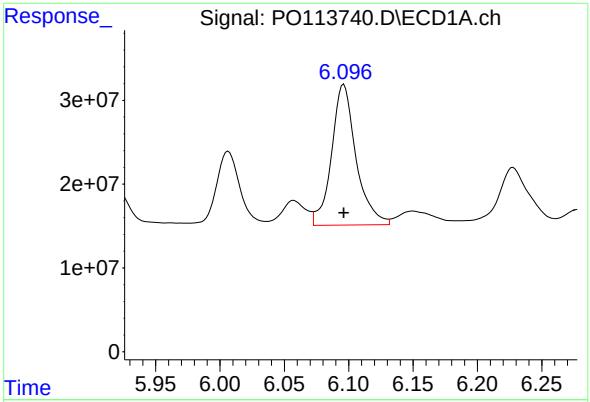
#27 AR-1254-2

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 145755428
Conc: 281.75 ng/ml



#27 AR-1254-2

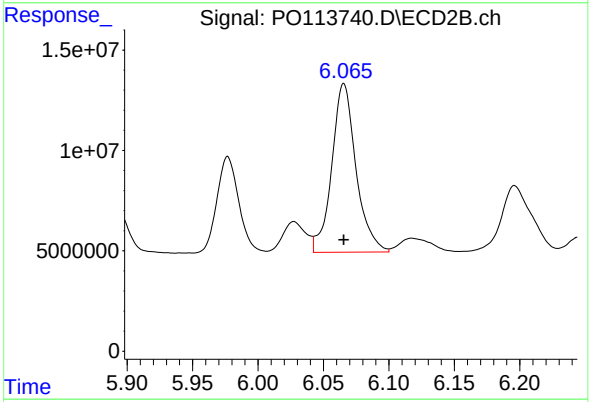
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 73758590
Conc: 280.53 ng/ml



#28 AR-1254-3

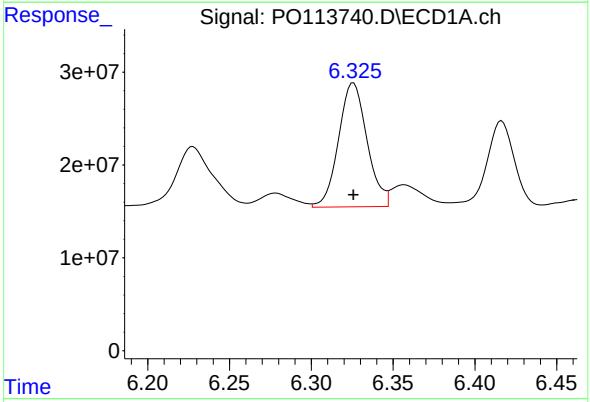
R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 222577125
Conc: 278.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



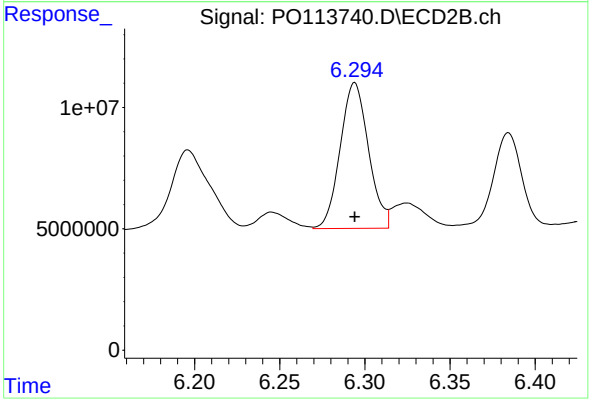
#28 AR-1254-3

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 108309986
Conc: 274.34 ng/ml



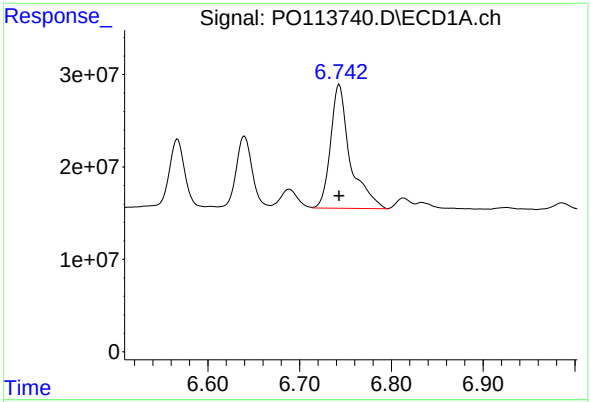
#29 AR-1254-4

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 161629466
Conc: 274.56 ng/ml



#29 AR-1254-4

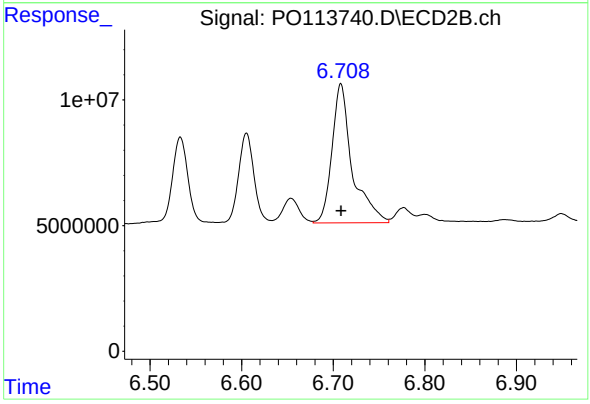
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 69525562
Conc: 275.53 ng/ml



#30 AR-1254-5

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 198824032
Conc: 264.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 85059150
Conc: 274.29 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 17:14
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 19:39:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 19:39:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.660	3.651	32604883	21214123	3.973	4.299
2)	SA Decachlor...	8.671	8.615	30383689	8729895	4.184	4.242
	Target Compounds						
26)	L6 AR-1254-1	5.546	5.518	23962057	14982815	43.722m	49.547
27)	L6 AR-1254-2	5.696	5.666	23644186	13435529	47.101m	50.877
28)	L6 AR-1254-3	6.098	6.066	35630196	17869805	45.808m	46.137
29)	L6 AR-1254-4	6.326	6.293	18974714	8881039	34.957m	37.411
30)	L6 AR-1254-5	6.746	6.709	35724526	14721584	47.995	47.957

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 17:14
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 49 Sample Multiplier: 1

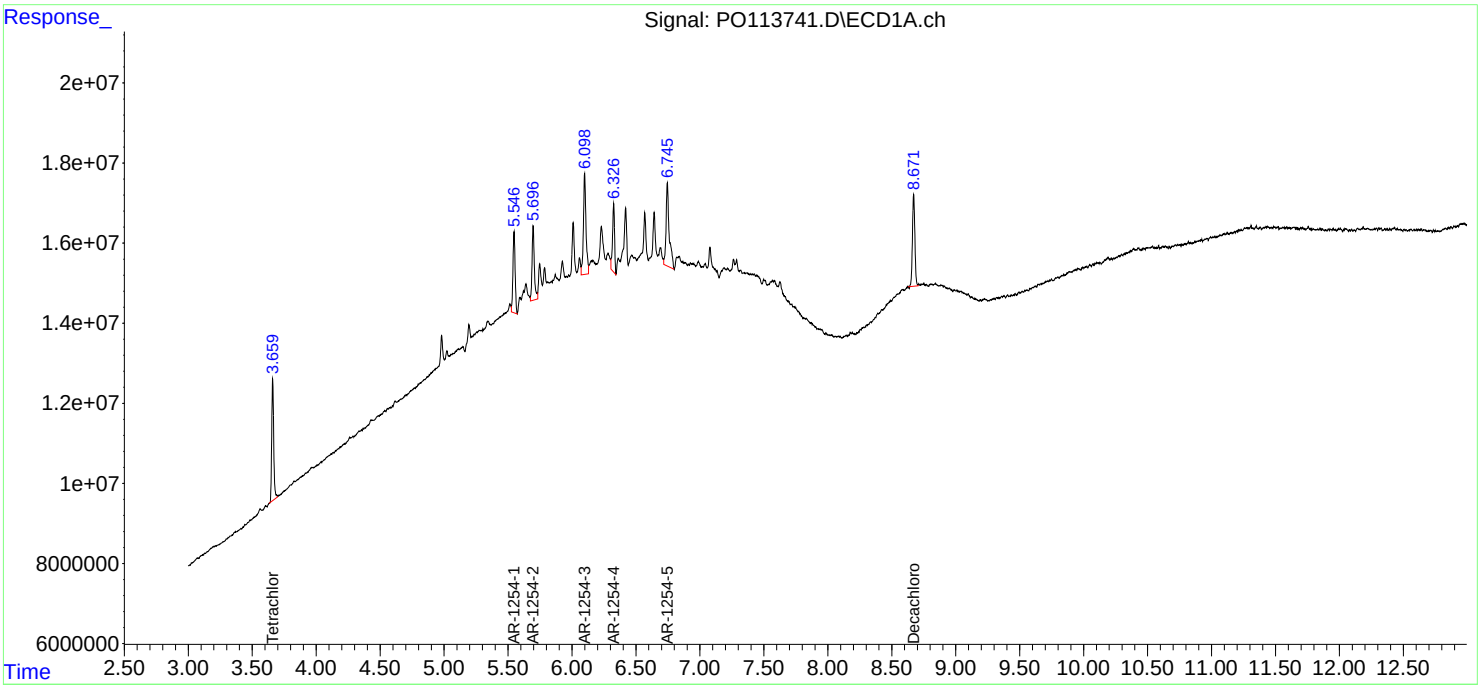
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

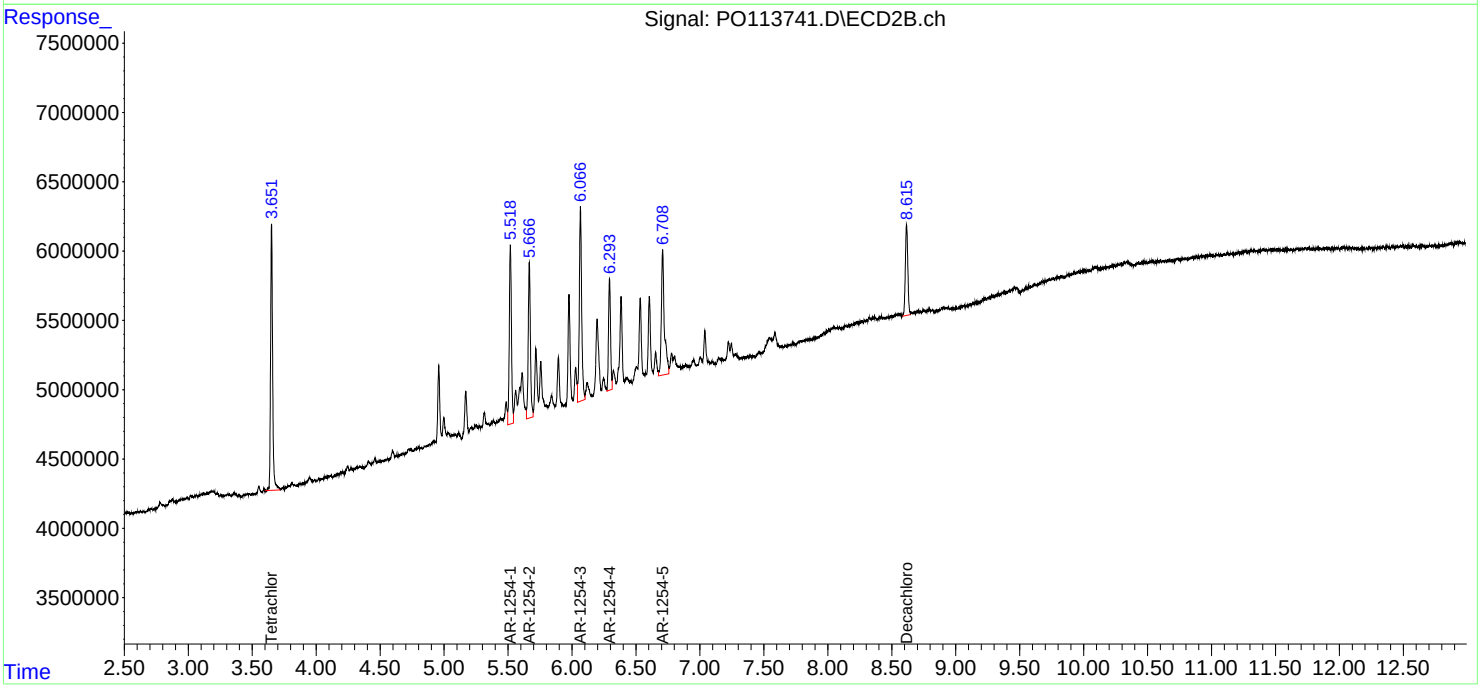
Manual Integrations APPROVED

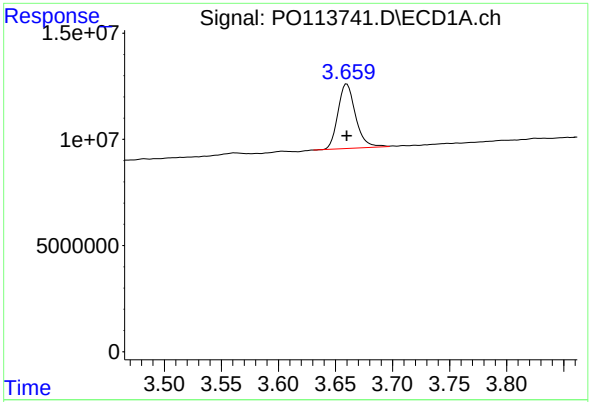
Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 19:39:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Sep 15 19:39:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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







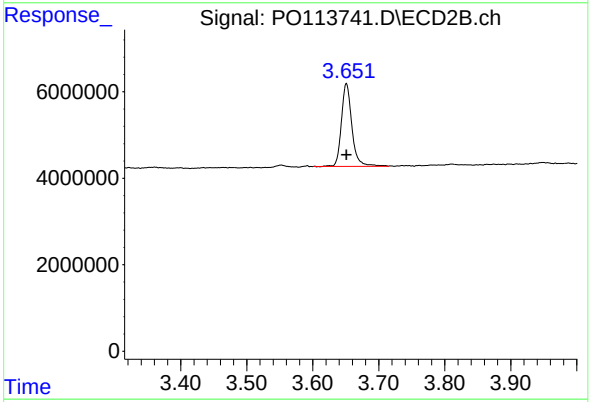
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 32604883
Conc: 3.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

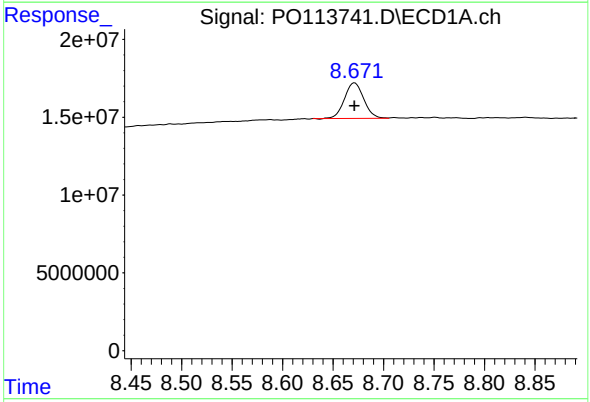
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



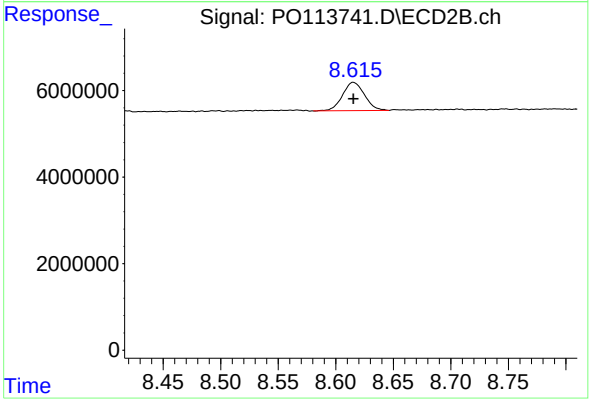
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 21214123
Conc: 4.30 ng/ml



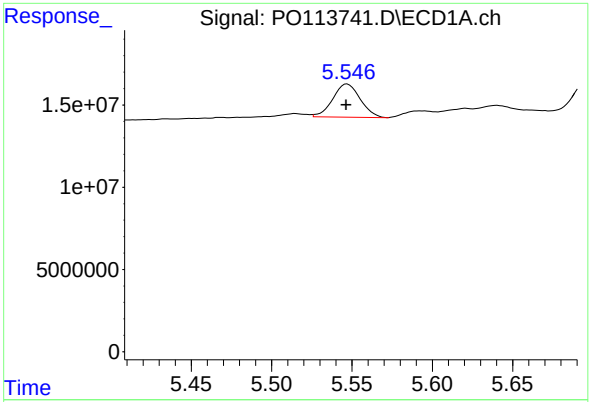
#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 30383689
Conc: 4.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 8729895
Conc: 4.24 ng/ml



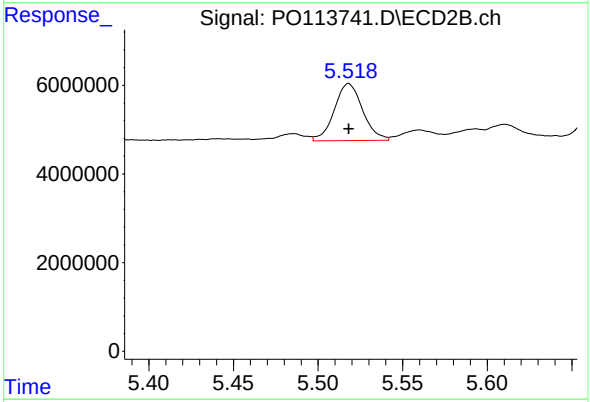
#26 AR-1254-1

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 23962057
Conc: 43.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

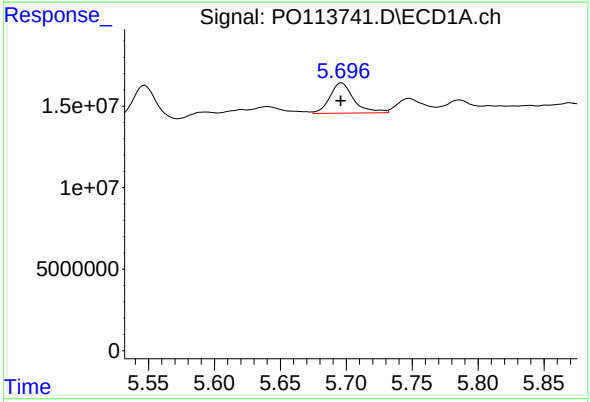
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



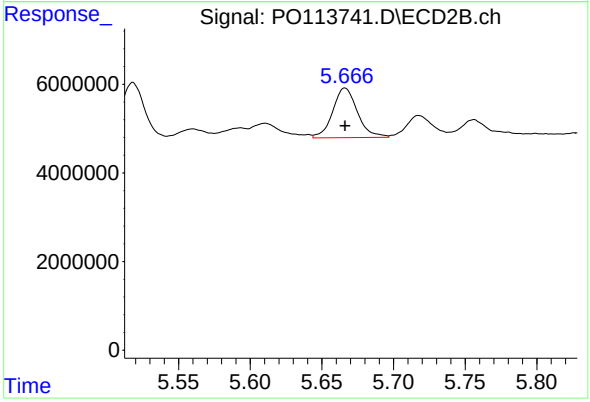
#26 AR-1254-1

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 14982815
Conc: 49.55 ng/ml



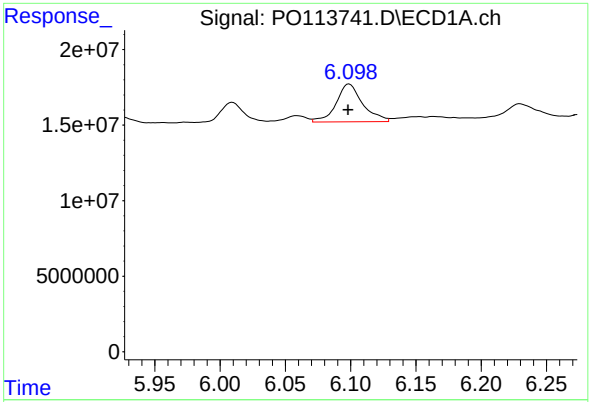
#27 AR-1254-2

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 23644186
Conc: 47.10 ng/ml m



#27 AR-1254-2

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 13435529
Conc: 50.88 ng/ml



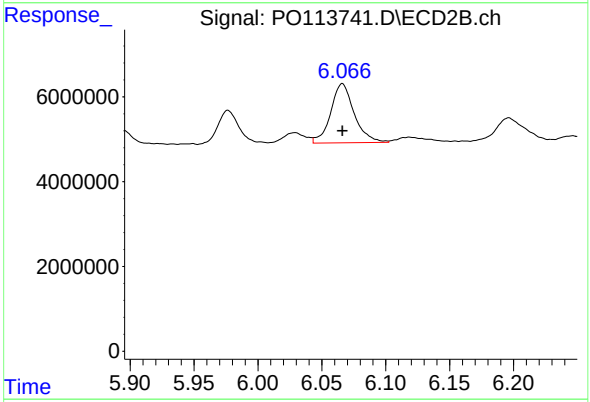
#28 AR-1254-3

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 35630196
Conc: 45.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

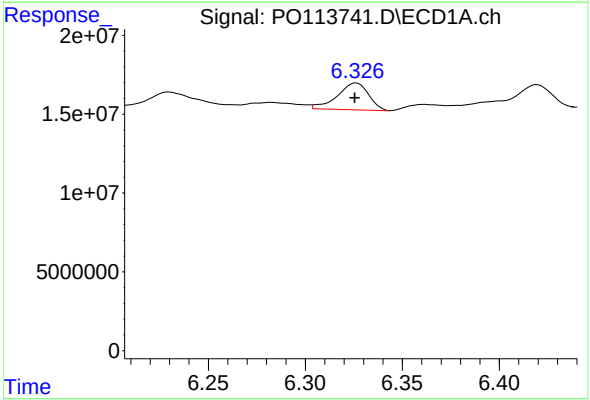
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



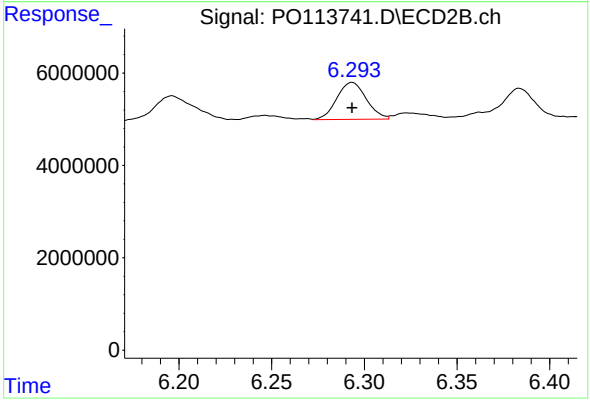
#28 AR-1254-3

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 17869805
Conc: 46.14 ng/ml



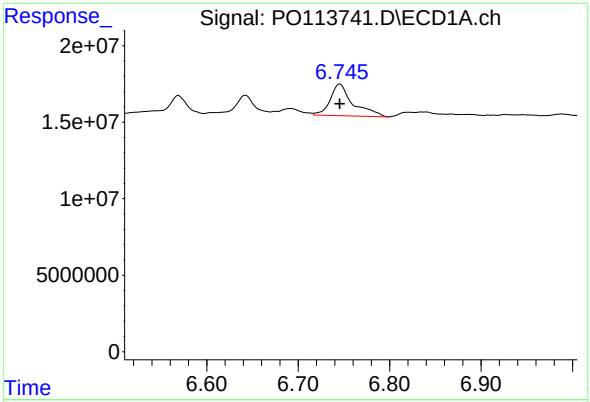
#29 AR-1254-4

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 18974714
Conc: 34.96 ng/ml m



#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 8881039
Conc: 37.41 ng/ml



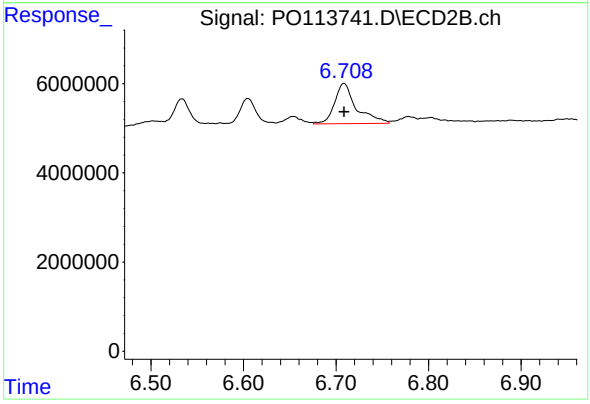
#30 AR-1254-5

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 35724526
Conc: 48.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



#30 AR-1254-5

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 14721584
Conc: 47.96 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113742.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 17:33
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: Sep 16 01:50:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 01:47:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.650	426.8E6	253.6E6	50.000	50.000
2)	SA Decachlor...	8.669	8.615	383.5E6	108.0E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.783	6.747	496.2E6	183.1E6	500.000	500.000
37)	L8 AR-1262-2	7.286	7.246	792.1E6	228.3E6	500.000	500.000
38)	L8 AR-1262-3	7.567	7.526	279.6E6	87099423	500.000	500.000
39)	L8 AR-1262-4	7.632	7.591	500.1E6	139.0E6	500.000	500.000
40)	L8 AR-1262-5	8.127	8.082	199.6E6	56842713	500.000	500.000

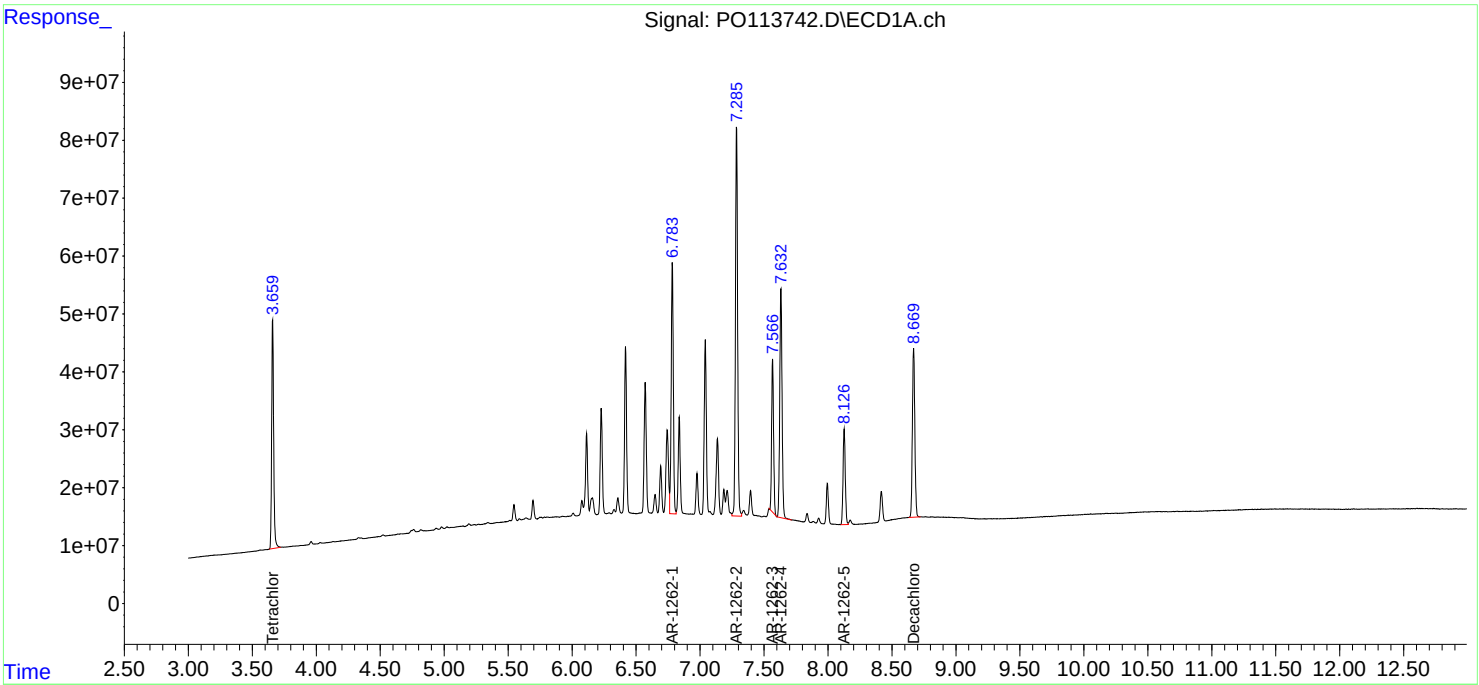
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

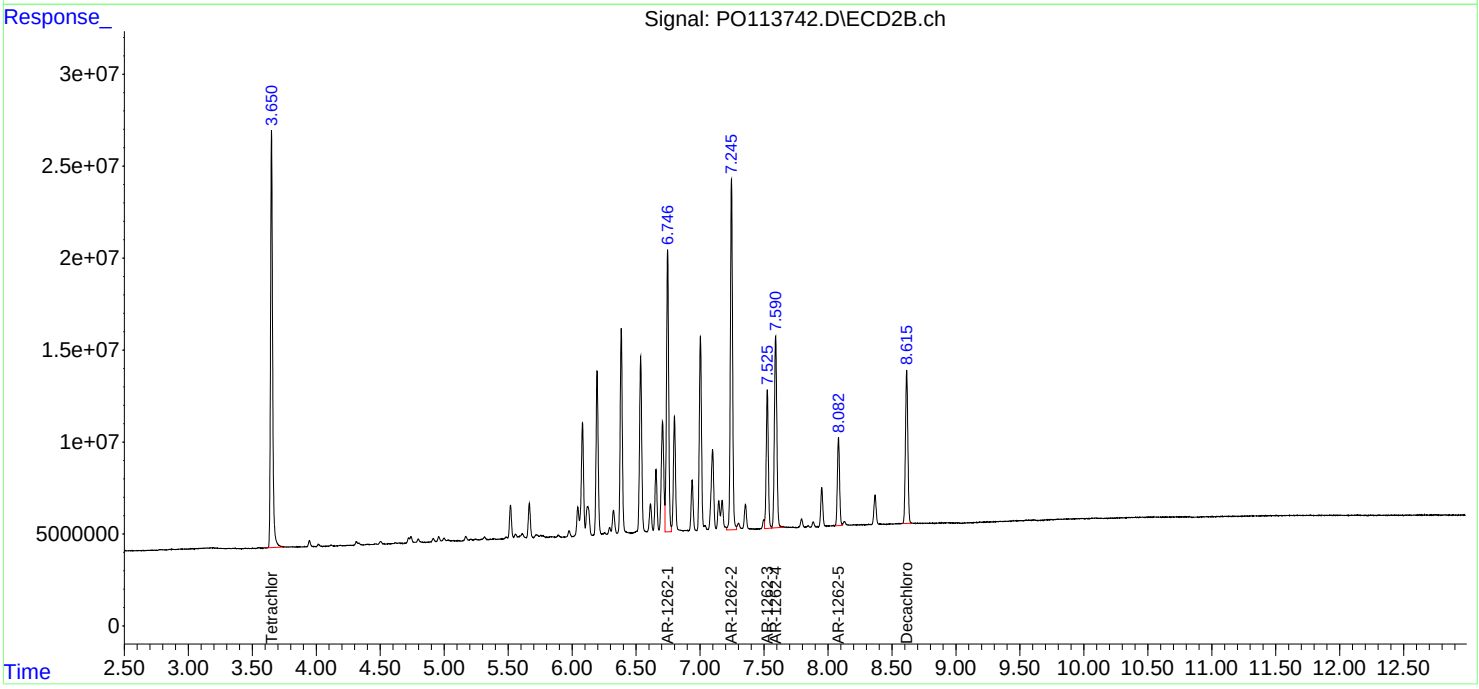
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113742.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 17:33
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

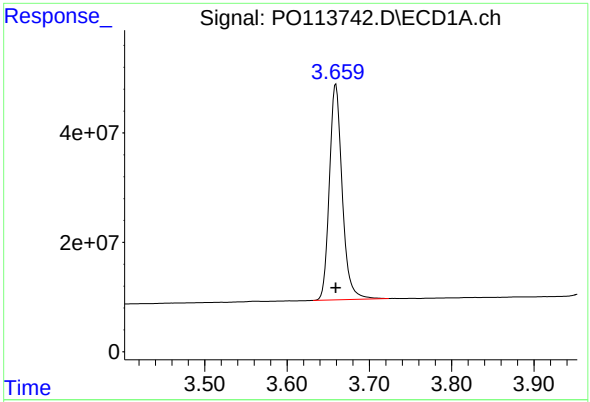
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 01:50:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 01:47:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



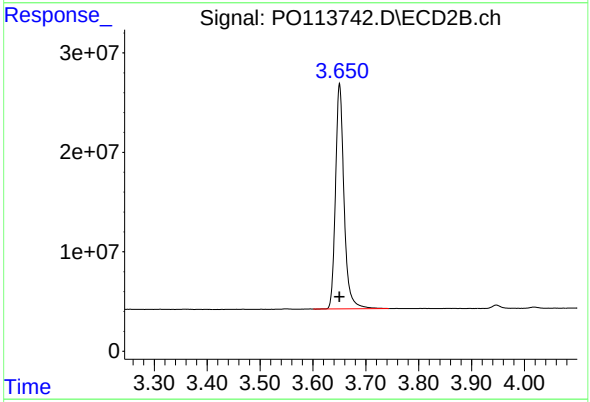




#1 Tetrachloro-m-xylene

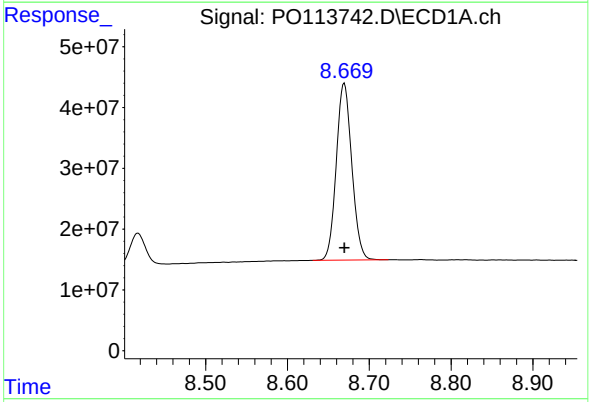
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 426815216
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



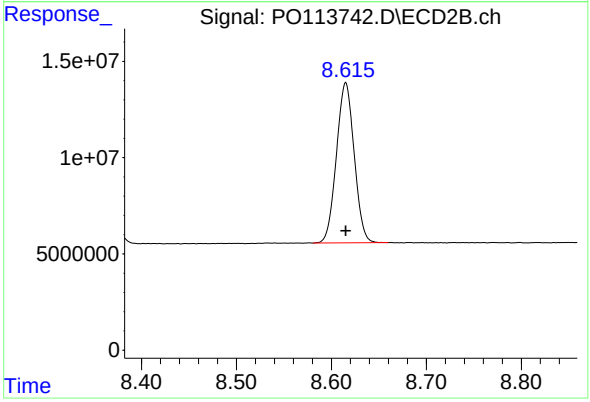
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 253633298
Conc: 50.00 ng/ml



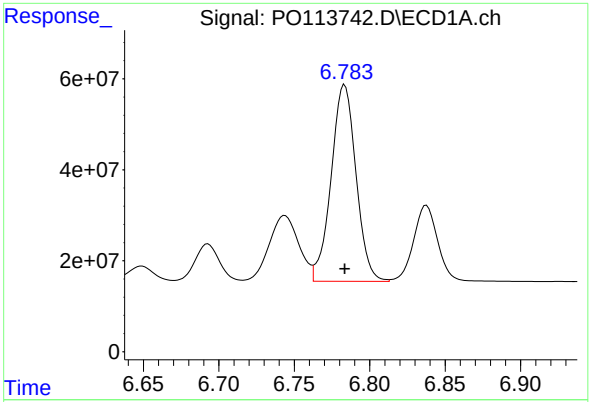
#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 383513680
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

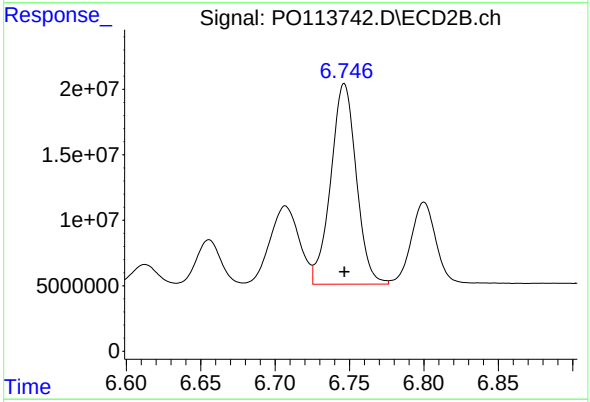
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 107975671
Conc: 50.00 ng/ml



#36 AR-1262-1

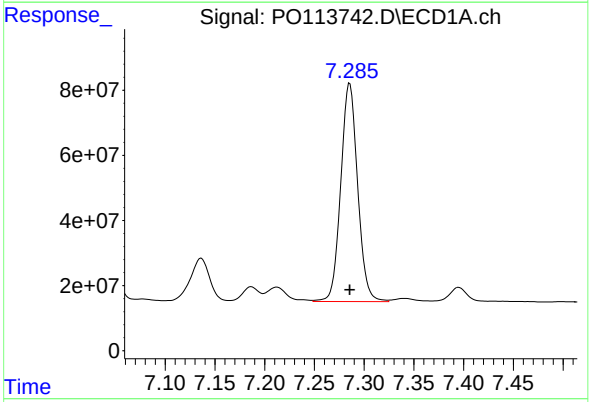
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 496208291
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



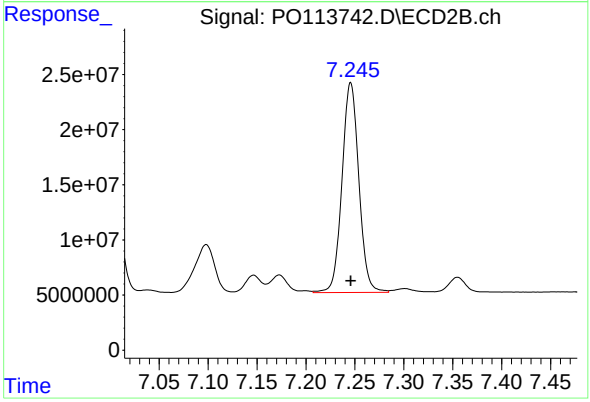
#36 AR-1262-1

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 183076173
Conc: 500.00 ng/ml



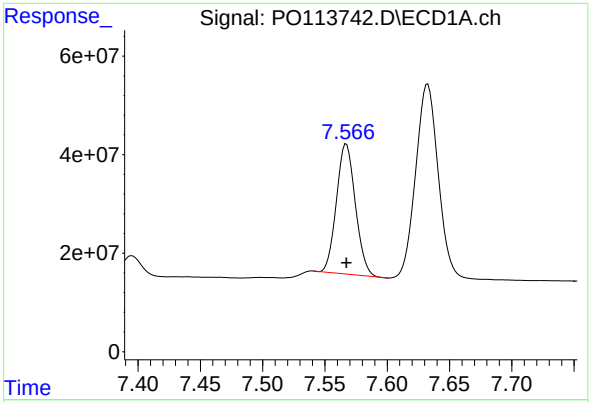
#37 AR-1262-2

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 792106060
Conc: 500.00 ng/ml



#37 AR-1262-2

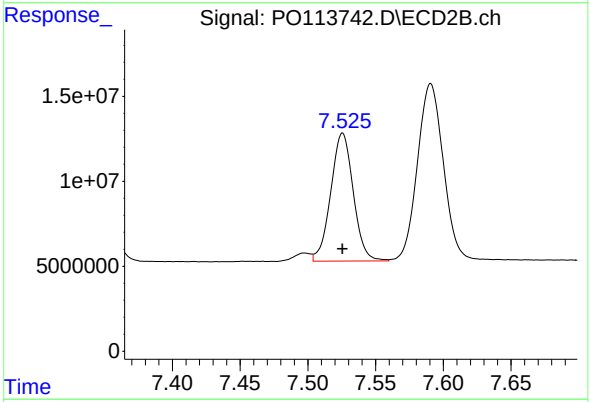
R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 228306246
Conc: 500.00 ng/ml



#38 AR-1262-3

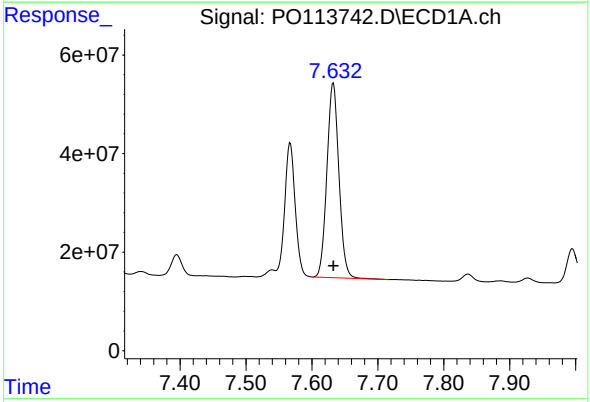
R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 279586989
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



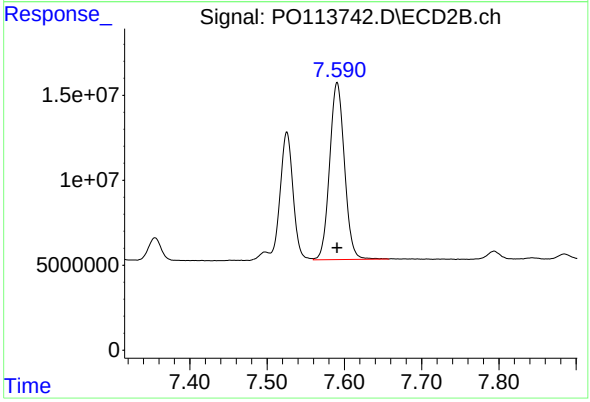
#38 AR-1262-3

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 87099423
Conc: 500.00 ng/ml



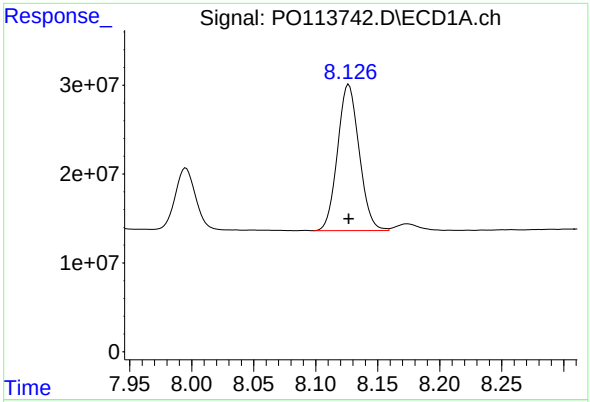
#39 AR-1262-4

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 500103383
Conc: 500.00 ng/ml



#39 AR-1262-4

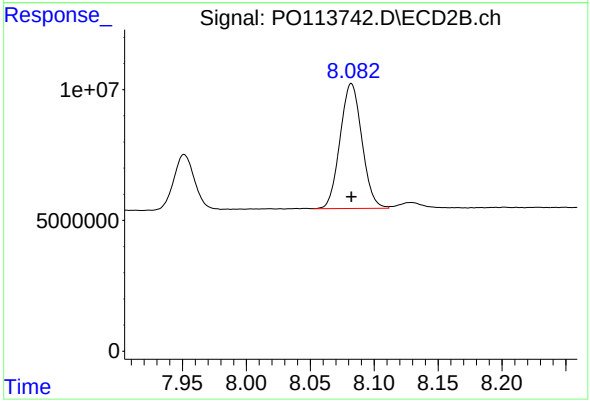
R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 139012348
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 199560801
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 56842713
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 17:51
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: Sep 16 02:03:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.660	3.651	865.0E6	509.2E6	99.055	98.843
2)	SA Decachlor...	8.670	8.616	1381.3E6	381.2E6	99.482	97.437
	Target Compounds						
41)	L9 AR-1268-1	7.568	7.528	1758.9E6	463.8E6	984.979	956.606
42)	L9 AR-1268-2	7.634	7.593	1483.0E6	382.6E6	983.516	955.801
43)	L9 AR-1268-3	7.837	7.796	1211.4E6	309.5E6	976.404	960.140
44)	L9 AR-1268-4	8.127	8.084	446.3E6	126.2E6	970.520	979.192
45)	L9 AR-1268-5	8.419	8.369	3223.0E6	880.6E6	1011.065	983.971

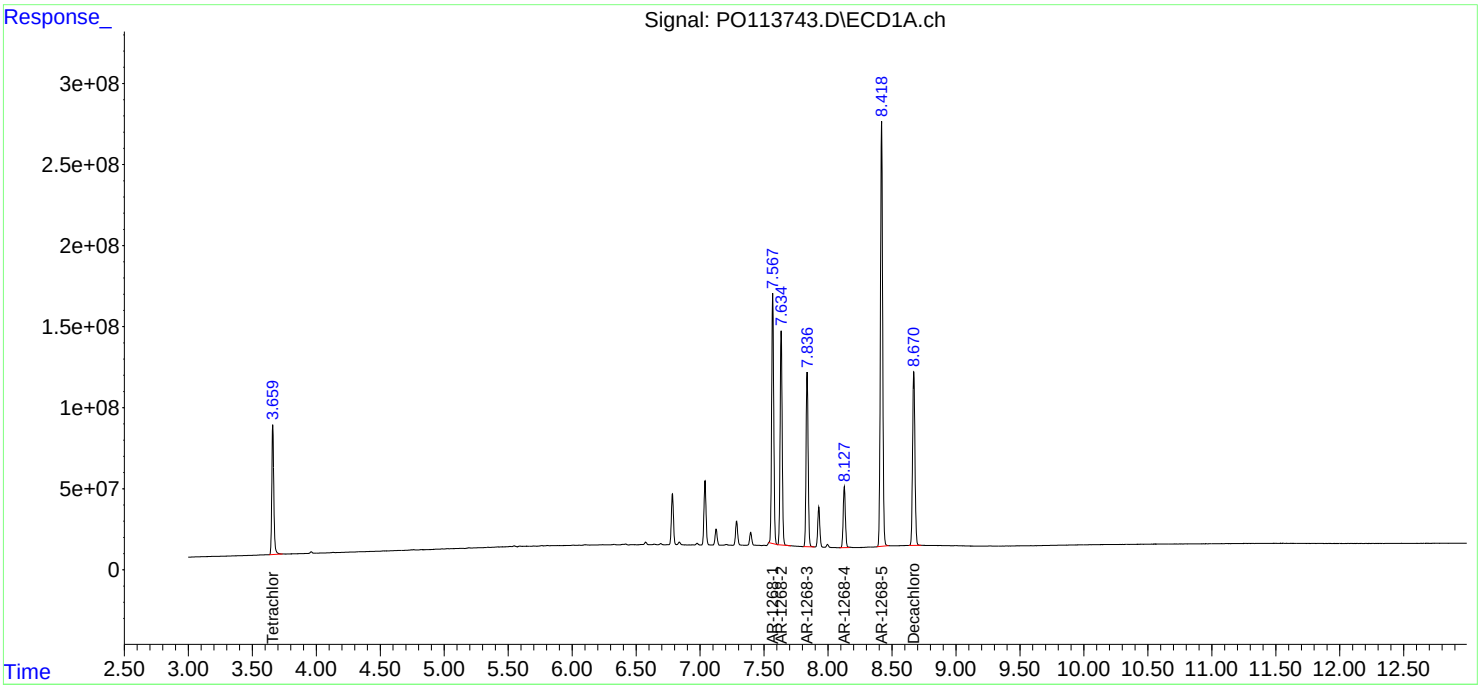
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

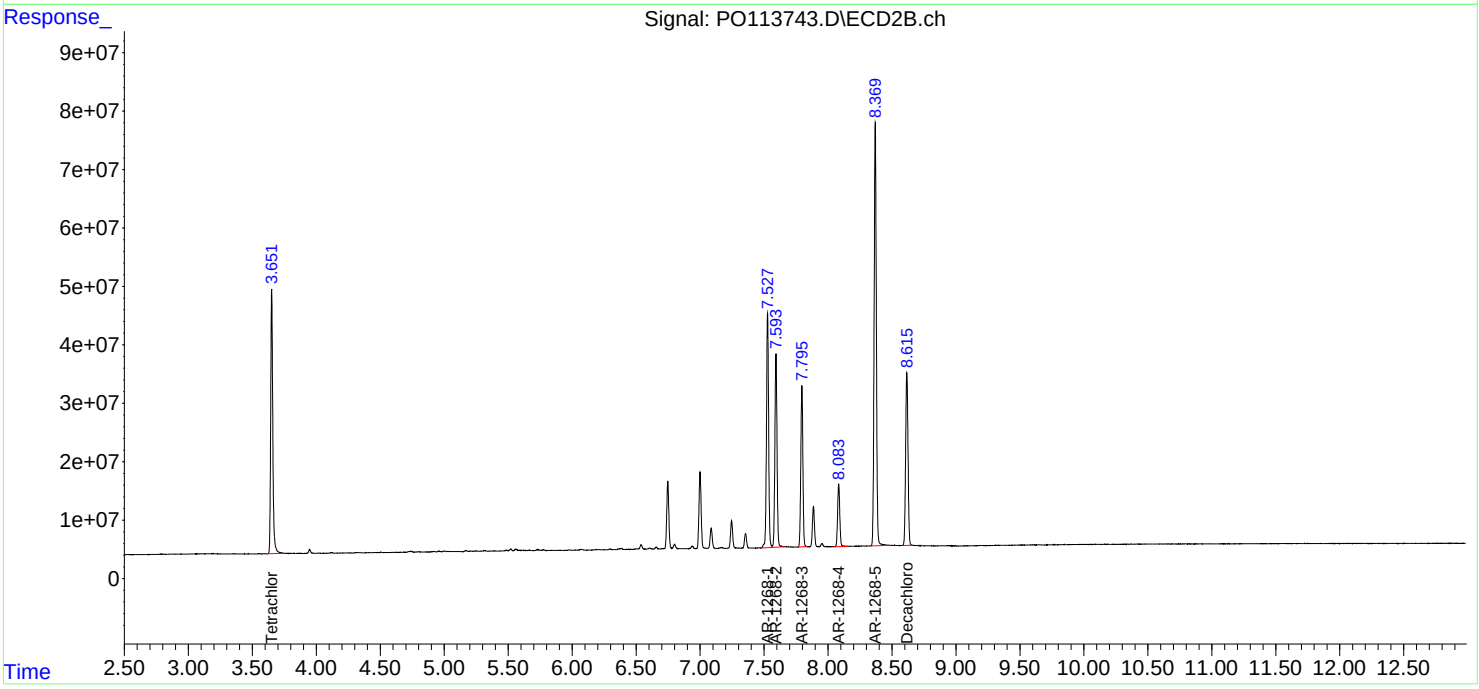
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113743.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 17:51
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

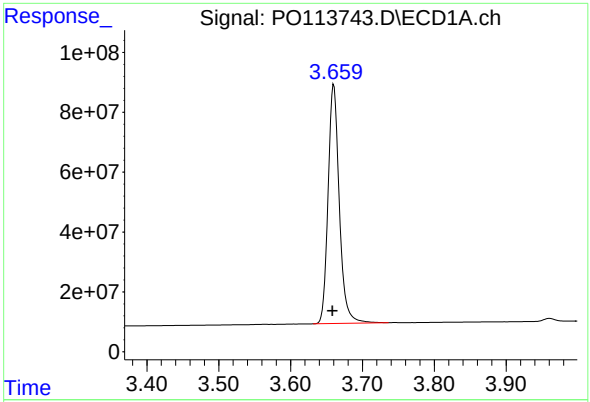
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:03:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



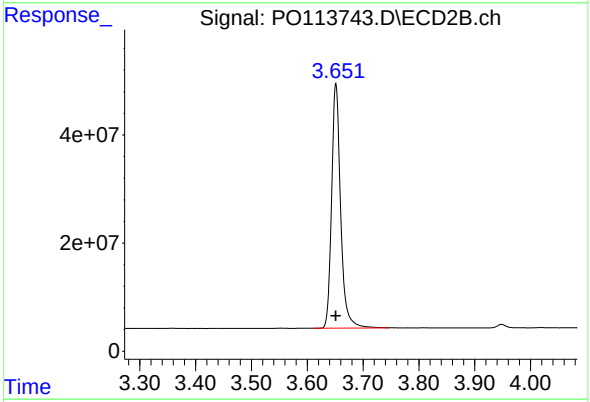




#1 Tetrachloro-m-xylene

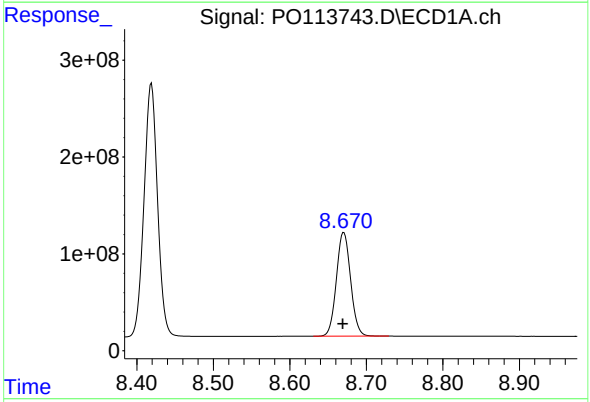
R.T.: 3.660 min
Delta R.T.: 0.002 min
Response: 865048957
Conc: 99.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



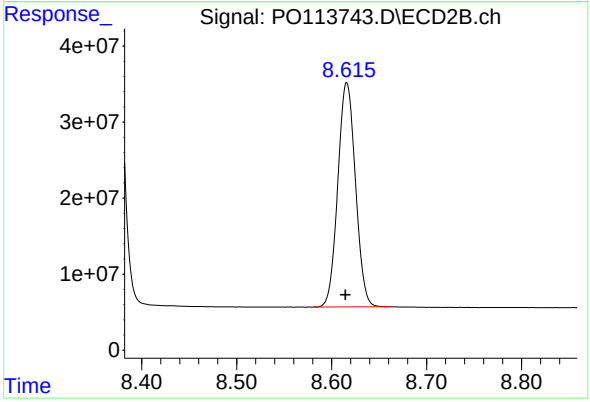
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 509207317
Conc: 98.84 ng/ml



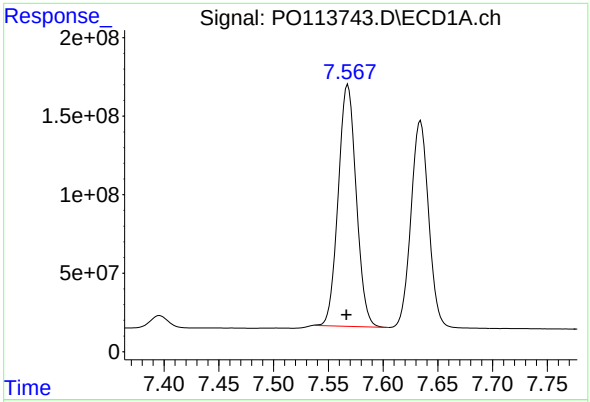
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 1381342176
Conc: 99.48 ng/ml



#2 Decachlorobiphenyl

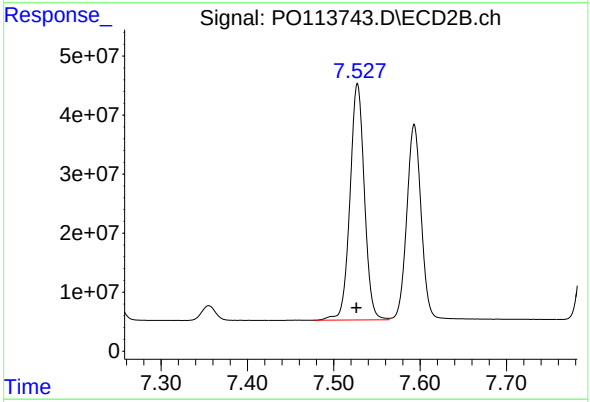
R.T.: 8.616 min
Delta R.T.: 0.002 min
Response: 381223071
Conc: 97.44 ng/ml



#41 AR-1268-1

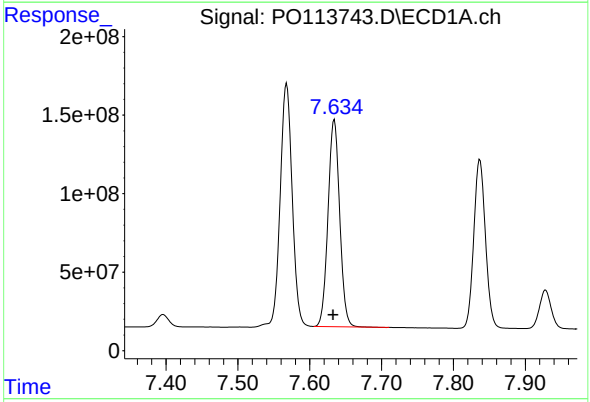
R.T.: 7.568 min
Delta R.T.: 0.001 min
Response: 1758947774
Conc: 984.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



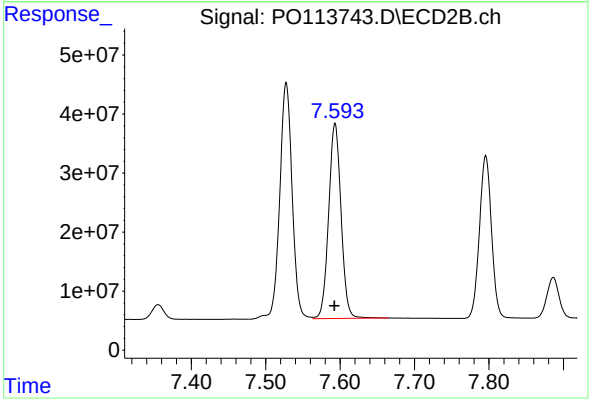
#41 AR-1268-1

R.T.: 7.528 min
Delta R.T.: 0.001 min
Response: 463812746
Conc: 956.61 ng/ml



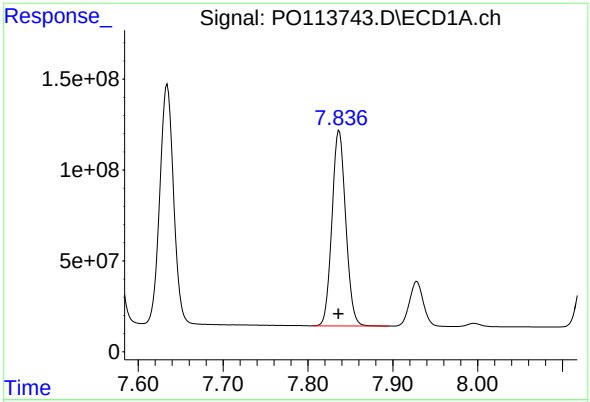
#42 AR-1268-2

R.T.: 7.634 min
Delta R.T.: 0.002 min
Response: 1483041115
Conc: 983.52 ng/ml



#42 AR-1268-2

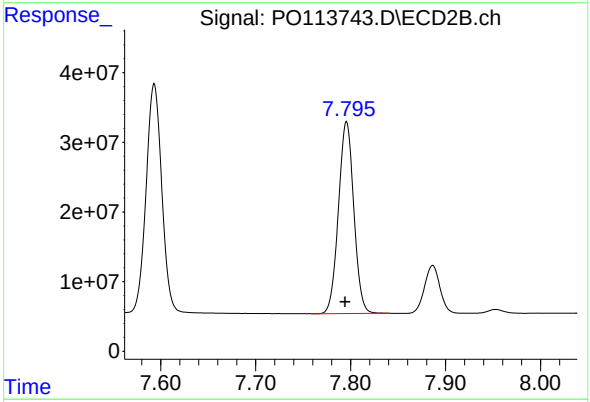
R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 382551151
Conc: 955.80 ng/ml



#43 AR-1268-3

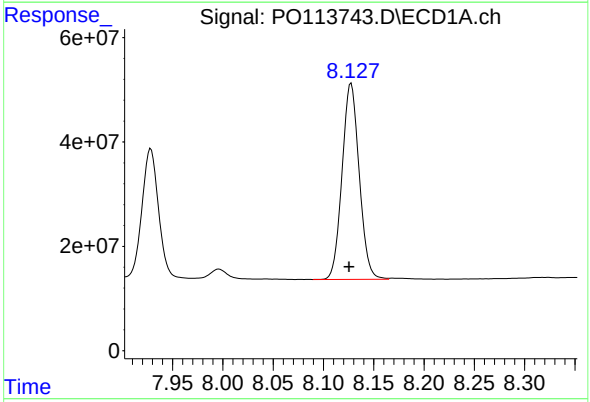
R.T.: 7.837 min
Delta R.T.: 0.001 min
Response: 1211444046
Conc: 976.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



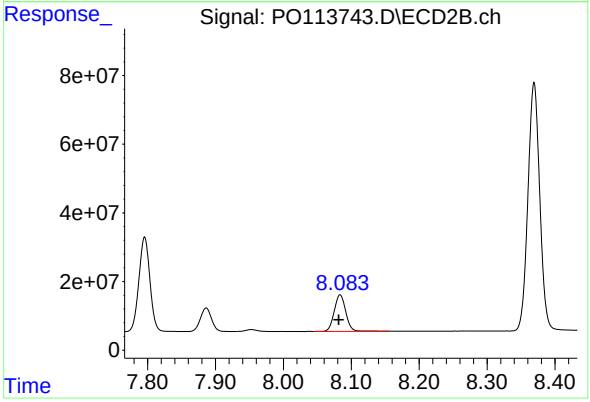
#43 AR-1268-3

R.T.: 7.796 min
Delta R.T.: 0.002 min
Response: 309516041
Conc: 960.14 ng/ml



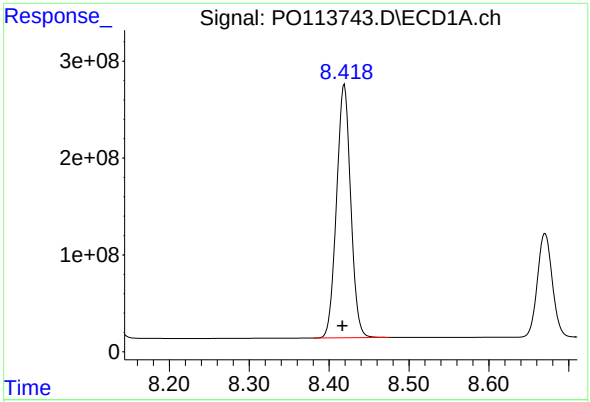
#44 AR-1268-4

R.T.: 8.127 min
Delta R.T.: 0.002 min
Response: 446305248
Conc: 970.52 ng/ml



#44 AR-1268-4

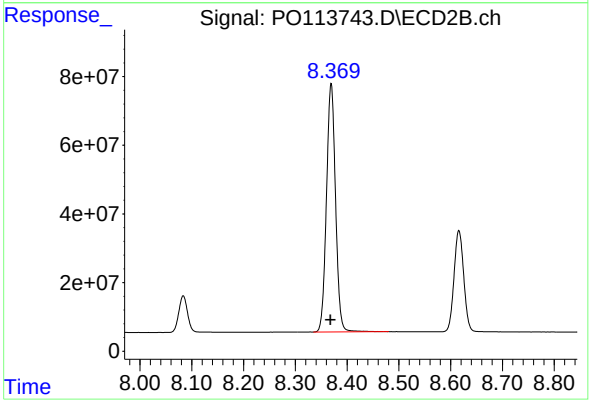
R.T.: 8.084 min
Delta R.T.: 0.002 min
Response: 126169269
Conc: 979.19 ng/ml



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: 0.002 min
Response: 3222969842
Conc: 1011.06 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.369 min
Delta R.T.: 0.002 min
Response: 880606144
Conc: 983.97 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 18:10
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: Sep 16 02:03:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.660	3.651	631.3E6	372.8E6	72.285	72.363
2)	SA Decachlor...	8.669	8.614	1006.0E6	280.2E6	72.451	71.610
	Target Compounds						
41)	L9 AR-1268-1	7.566	7.525	1282.4E6	345.8E6	718.100	713.212
42)	L9 AR-1268-2	7.633	7.591	1087.7E6	286.0E6	721.344	714.685
43)	L9 AR-1268-3	7.836	7.794	893.2E6	230.7E6	719.893	715.611
44)	L9 AR-1268-4	8.126	8.082	329.5E6	91925617	716.601	713.429
45)	L9 AR-1268-5	8.417	8.368	2320.8E6	642.3E6	728.041	717.663

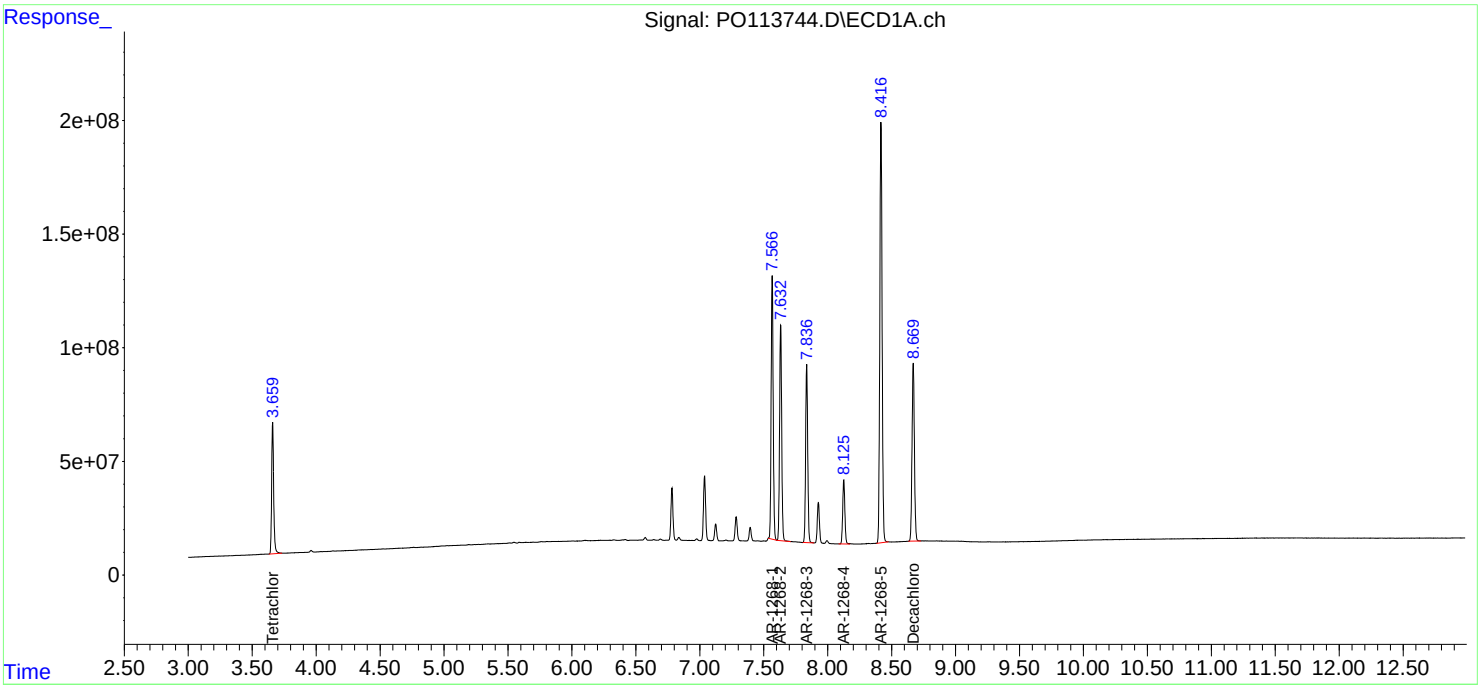
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

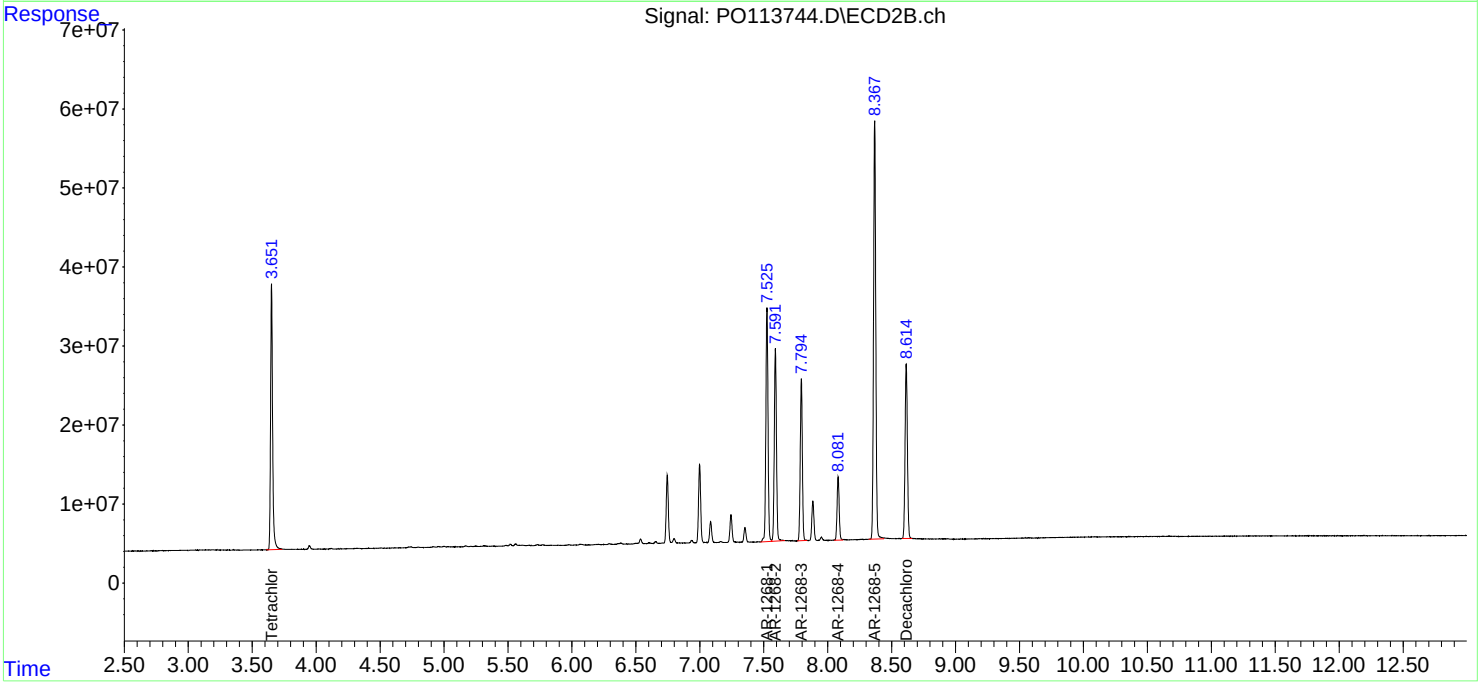
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 18:10
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

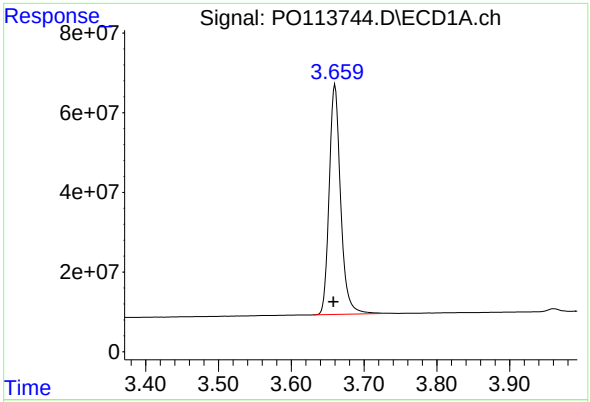
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:03:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



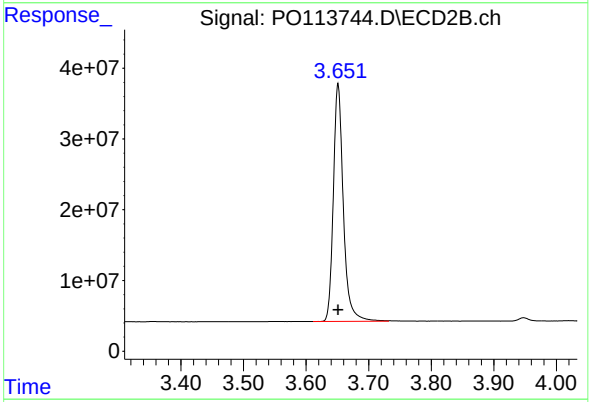




#1 Tetrachloro-m-xylene

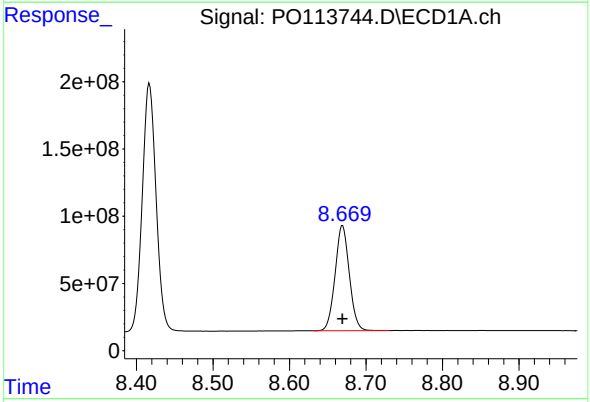
R.T.: 3.660 min
Delta R.T.: 0.002 min
Response: 631264833
Conc: 72.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



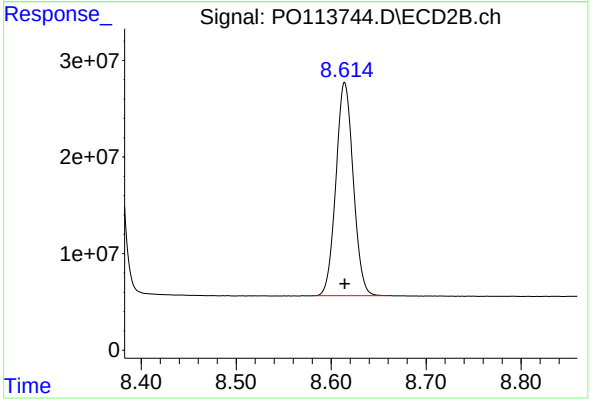
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 372791079
Conc: 72.36 ng/ml



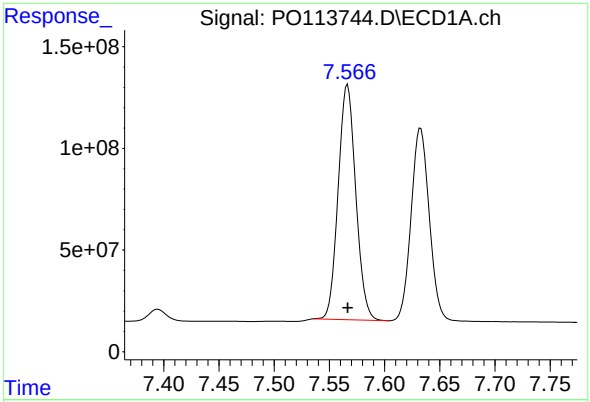
#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 1006009199
Conc: 72.45 ng/ml



#2 Decachlorobiphenyl

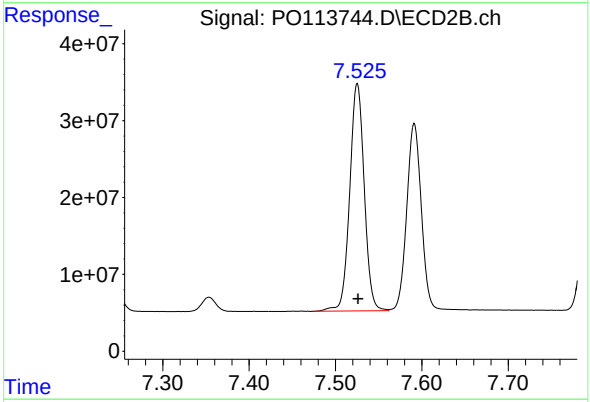
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 280174574
Conc: 71.61 ng/ml



#41 AR-1268-1

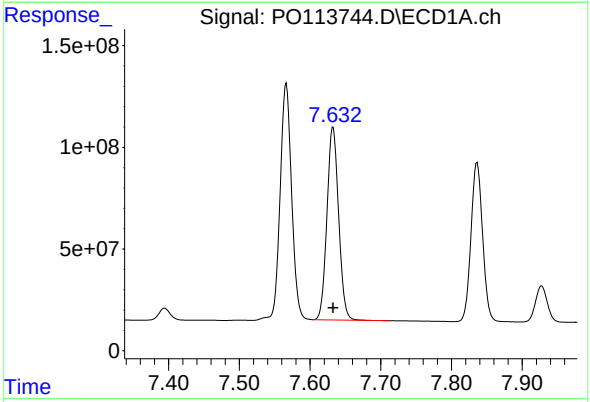
R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 1282362695
Conc: 718.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



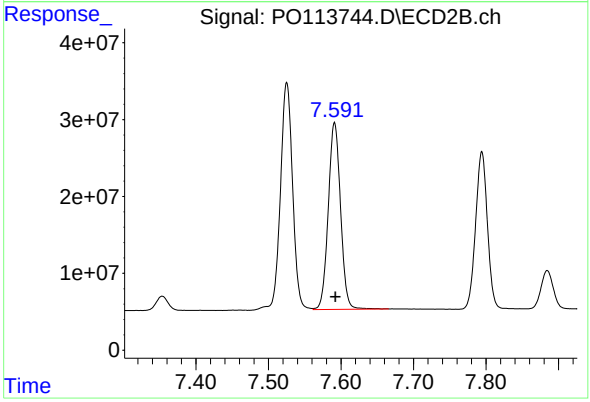
#41 AR-1268-1

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 345802361
Conc: 713.21 ng/ml



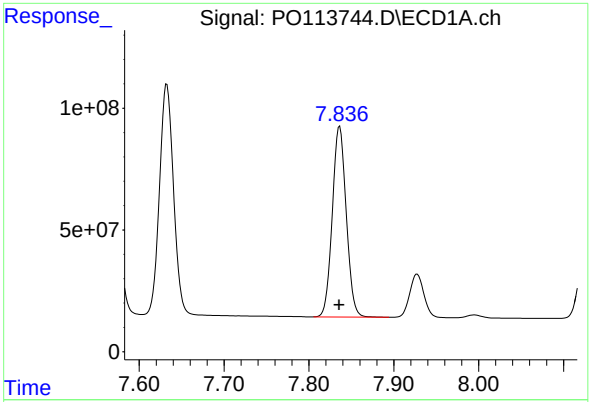
#42 AR-1268-2

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 1087712597
Conc: 721.34 ng/ml



#42 AR-1268-2

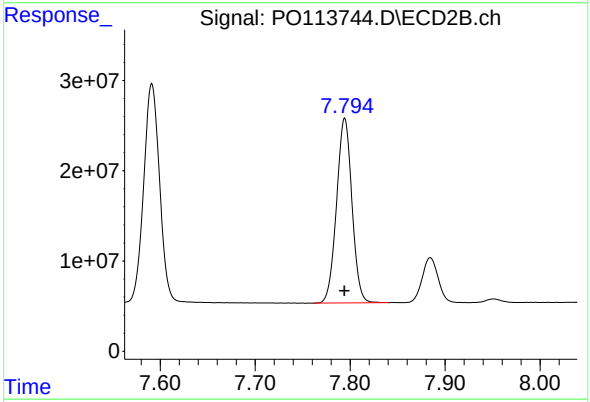
R.T.: 7.591 min
Delta R.T.: -0.001 min
Response: 286046619
Conc: 714.69 ng/ml



#43 AR-1268-3

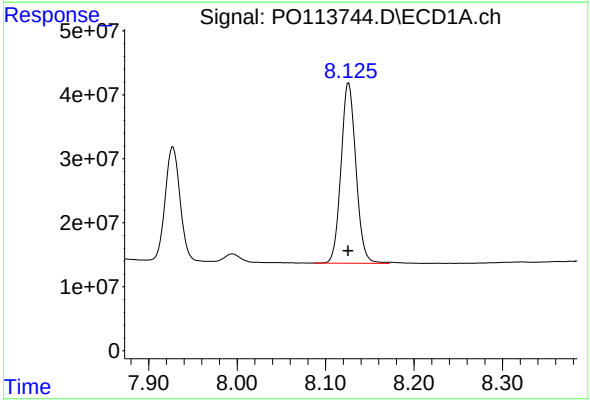
R.T.: 7.836 min
Delta R.T.: 0.000 min
Response: 893185920
Conc: 719.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



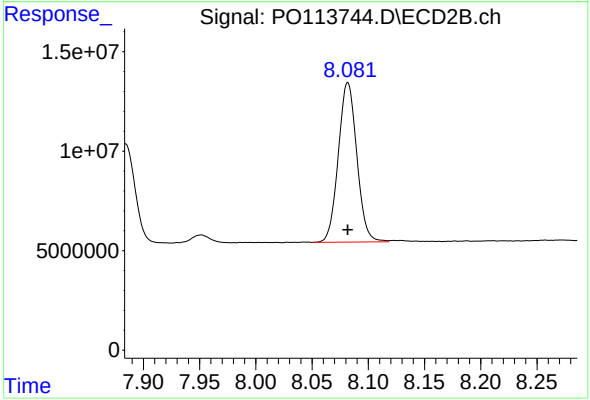
#43 AR-1268-3

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 230688365
Conc: 715.61 ng/ml



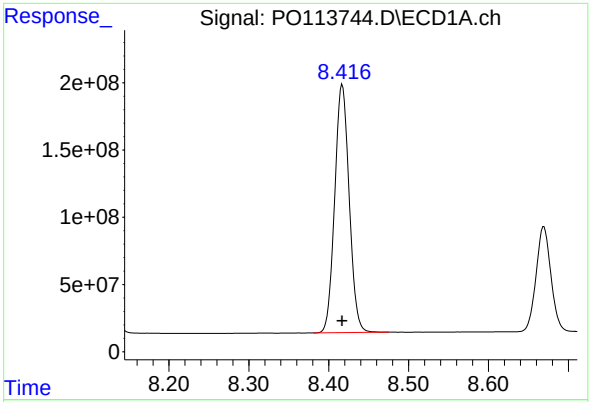
#44 AR-1268-4

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 329537818
Conc: 716.60 ng/ml



#44 AR-1268-4

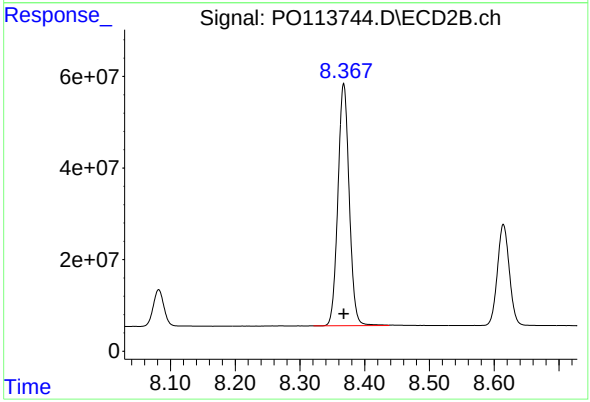
R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 91925617
Conc: 713.43 ng/ml



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 2320775612
Conc: 728.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 642273355
Conc: 717.66 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 18:27
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: Sep 16 02:03:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.658	3.651	436.7E6	257.6E6	50.000	50.000
2)	SA Decachlor...	8.669	8.614	694.3E6	195.6E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.567	7.526	892.9E6	242.4E6	500.000	500.000
42)	L9 AR-1268-2	7.632	7.592	753.9E6	200.1E6	500.000	500.000
43)	L9 AR-1268-3	7.836	7.794	620.4E6	161.2E6	500.000	500.000
44)	L9 AR-1268-4	8.125	8.082	229.9E6	64425183	500.000	500.000
45)	L9 AR-1268-5	8.417	8.368	1593.8E6	447.5E6	500.000	500.000

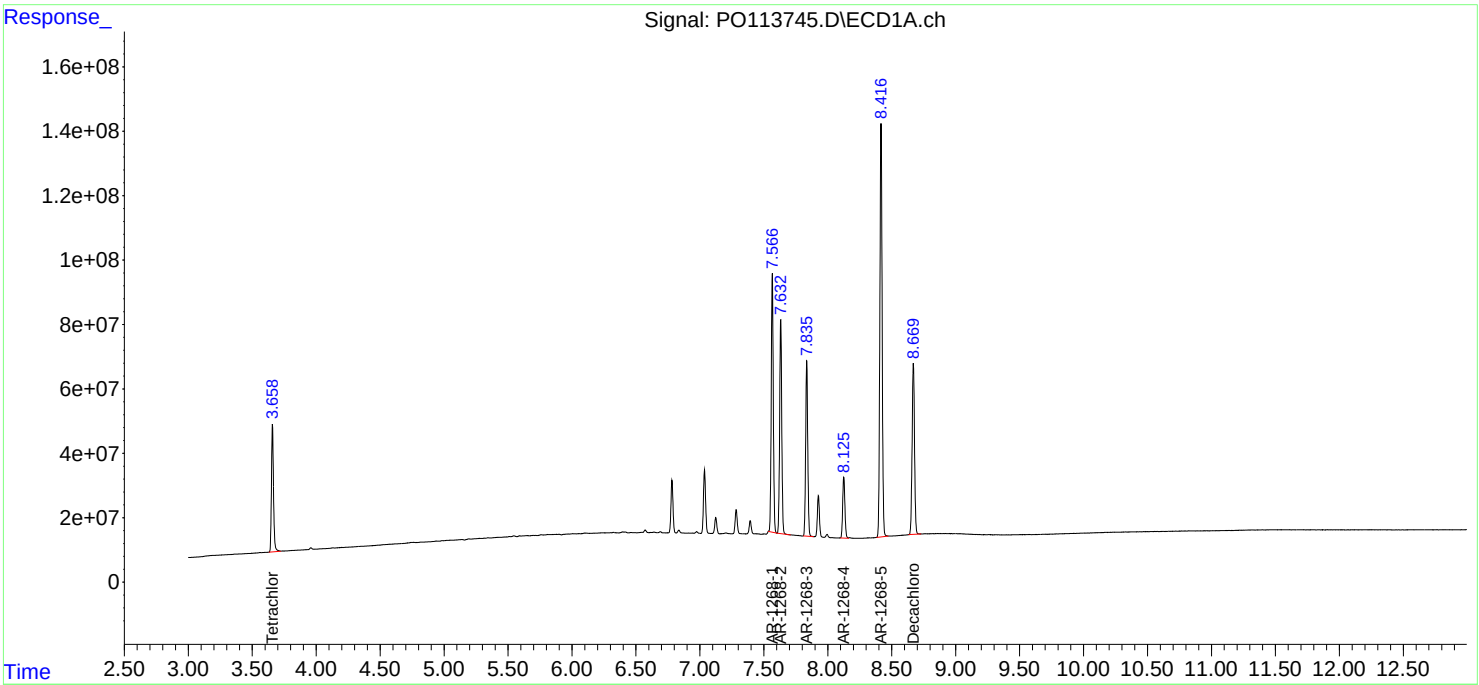
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

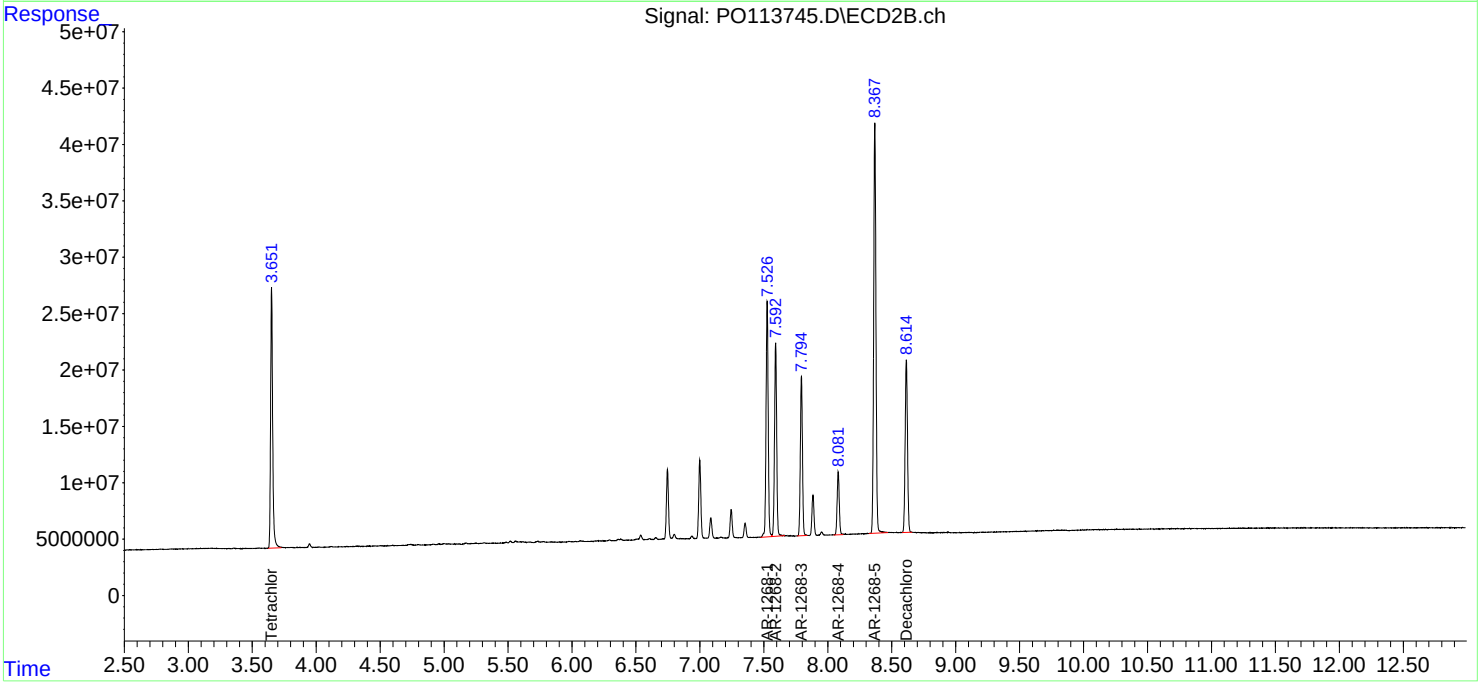
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 18:27
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

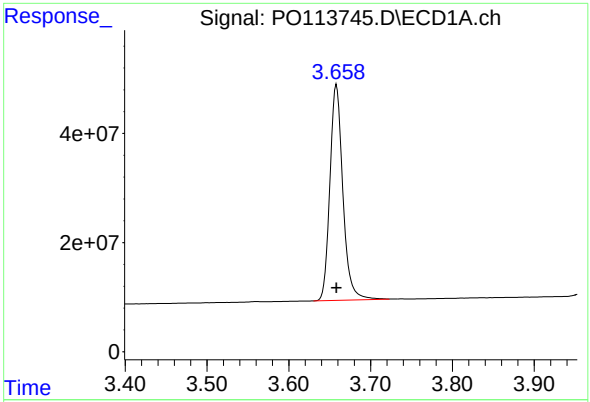
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:03:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



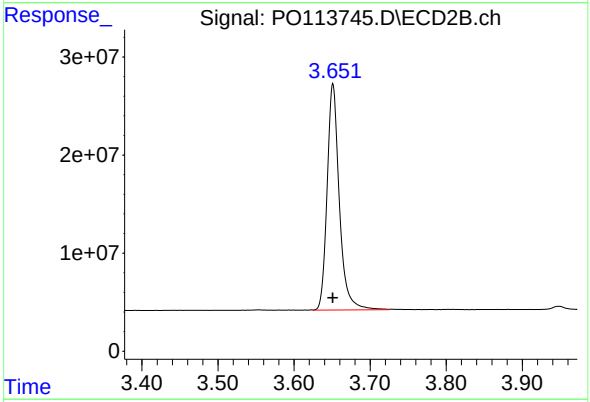




#1 Tetrachloro-m-xylene

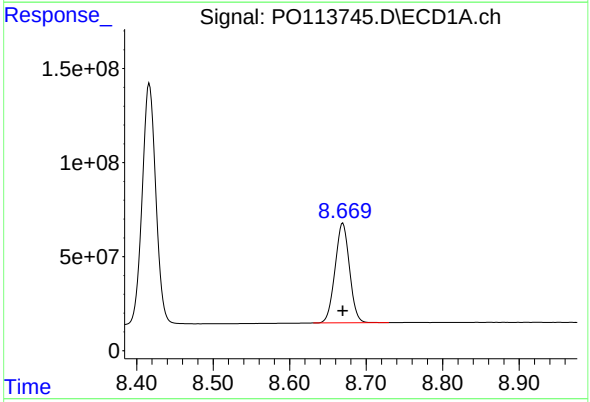
R.T.: 3.658 min
Delta R.T.: 0.000 min
Response: 436652842
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



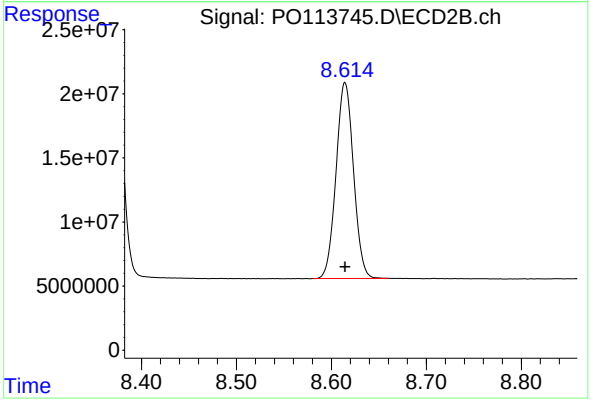
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 257584804
Conc: 50.00 ng/ml



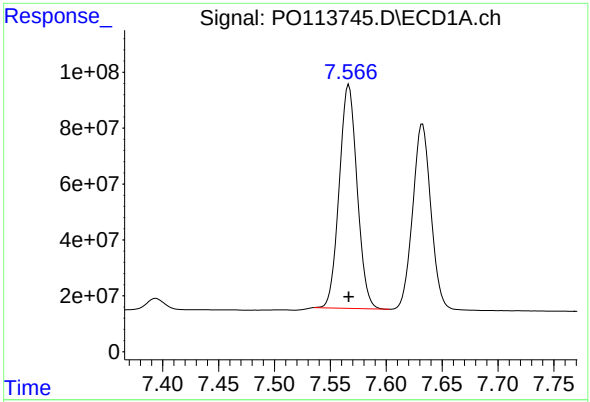
#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 694267230
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

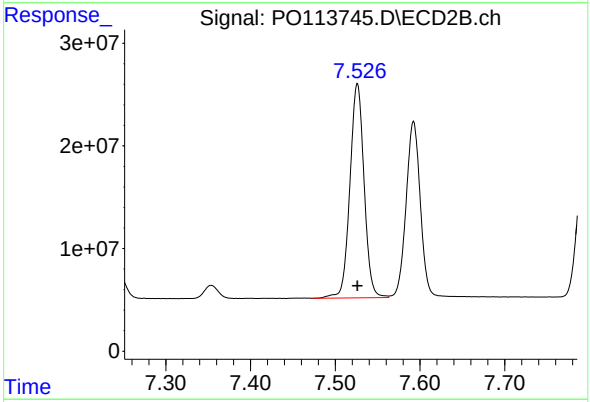
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 195625629
Conc: 50.00 ng/ml



#41 AR-1268-1

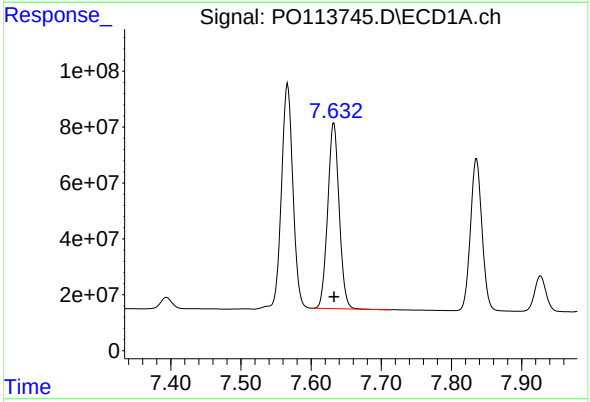
R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 892886181
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



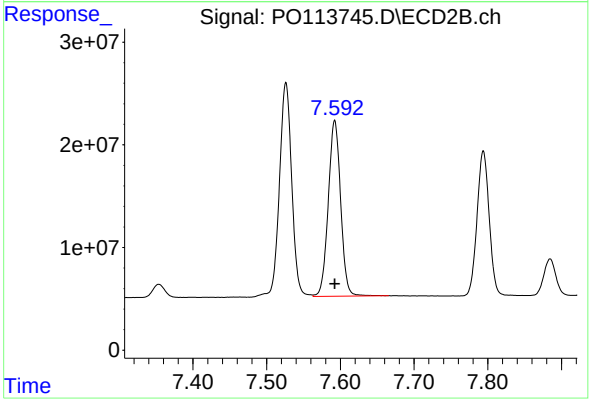
#41 AR-1268-1

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 242426218
Conc: 500.00 ng/ml



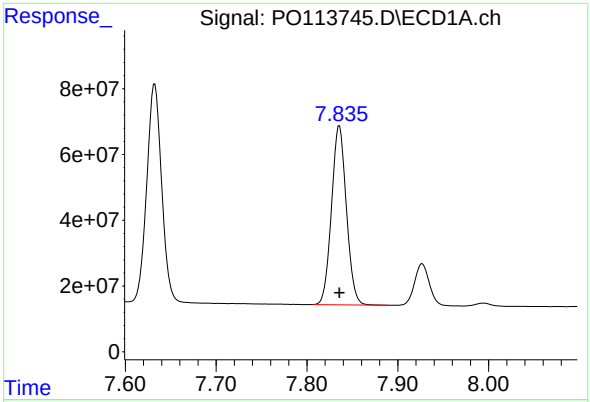
#42 AR-1268-2

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 753948998
Conc: 500.00 ng/ml



#42 AR-1268-2

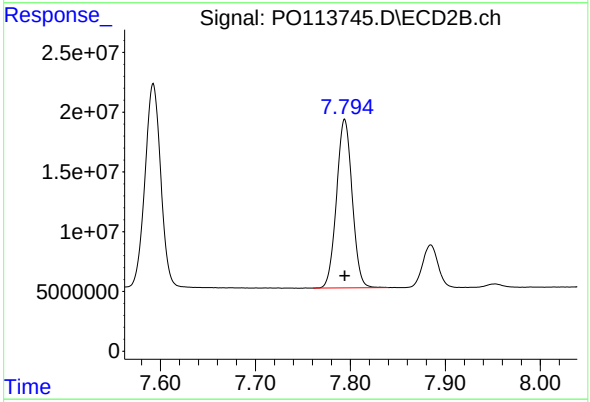
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 200120744
Conc: 500.00 ng/ml



#43 AR-1268-3

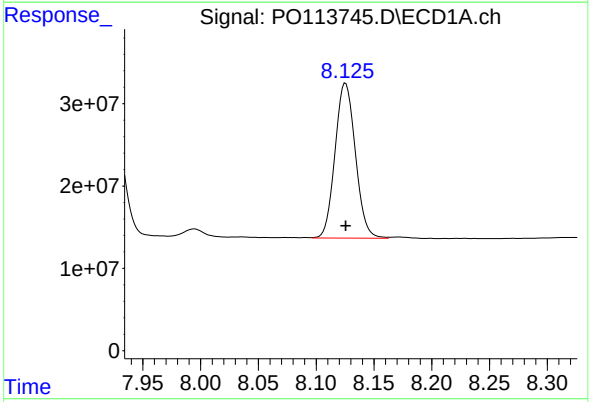
R.T.: 7.836 min
Delta R.T.: 0.000 min
Response: 620359825
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



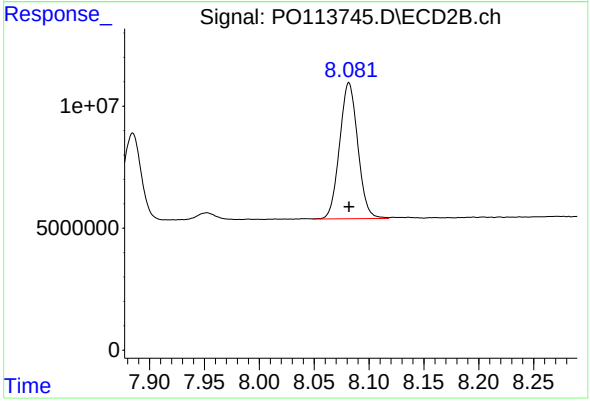
#43 AR-1268-3

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 161182734
Conc: 500.00 ng/ml



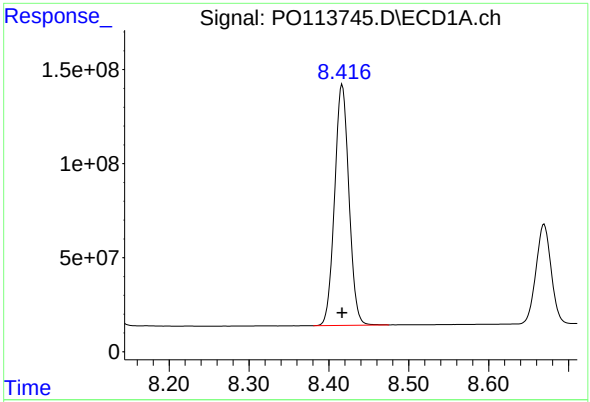
#44 AR-1268-4

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 229931073
Conc: 500.00 ng/ml



#44 AR-1268-4

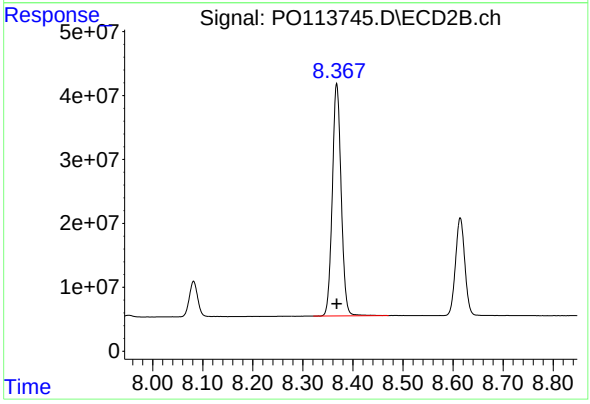
R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 64425183
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 1593849278
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 447475592
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113746.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 18:45
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:04:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.651	237.7E6	142.4E6	27.220	27.635
2)	SA Decachlor...	8.670	8.615	376.2E6	108.7E6	27.093	27.779
	Target Compounds						
41)	L9 AR-1268-1	7.567	7.526	486.3E6	138.1E6	272.310	284.836
42)	L9 AR-1268-2	7.633	7.592	409.7E6	112.7E6	271.717	281.690
43)	L9 AR-1268-3	7.837	7.794	338.7E6	90329232	272.965	280.208
44)	L9 AR-1268-4	8.126	8.082	124.8E6	35449635	271.479	275.123
45)	L9 AR-1268-5	8.418	8.368	854.3E6	245.3E6	267.989	274.088

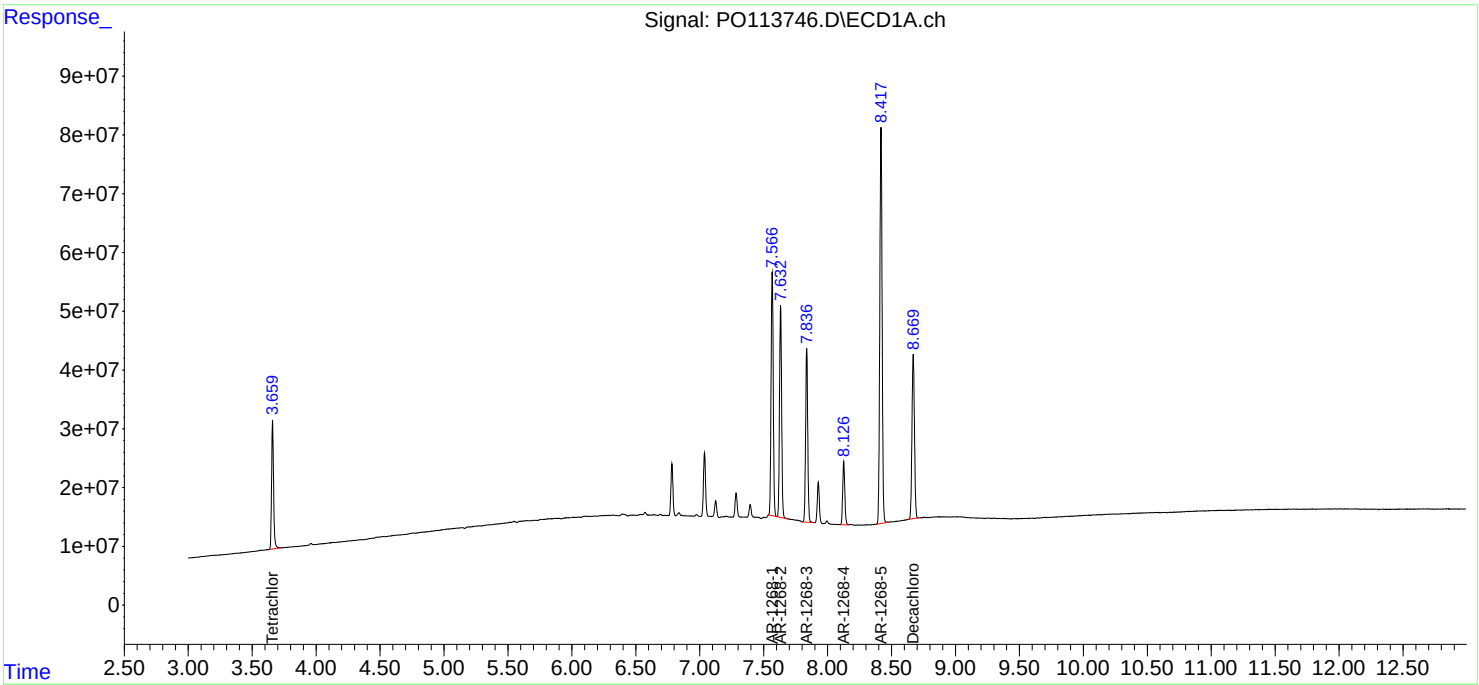
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

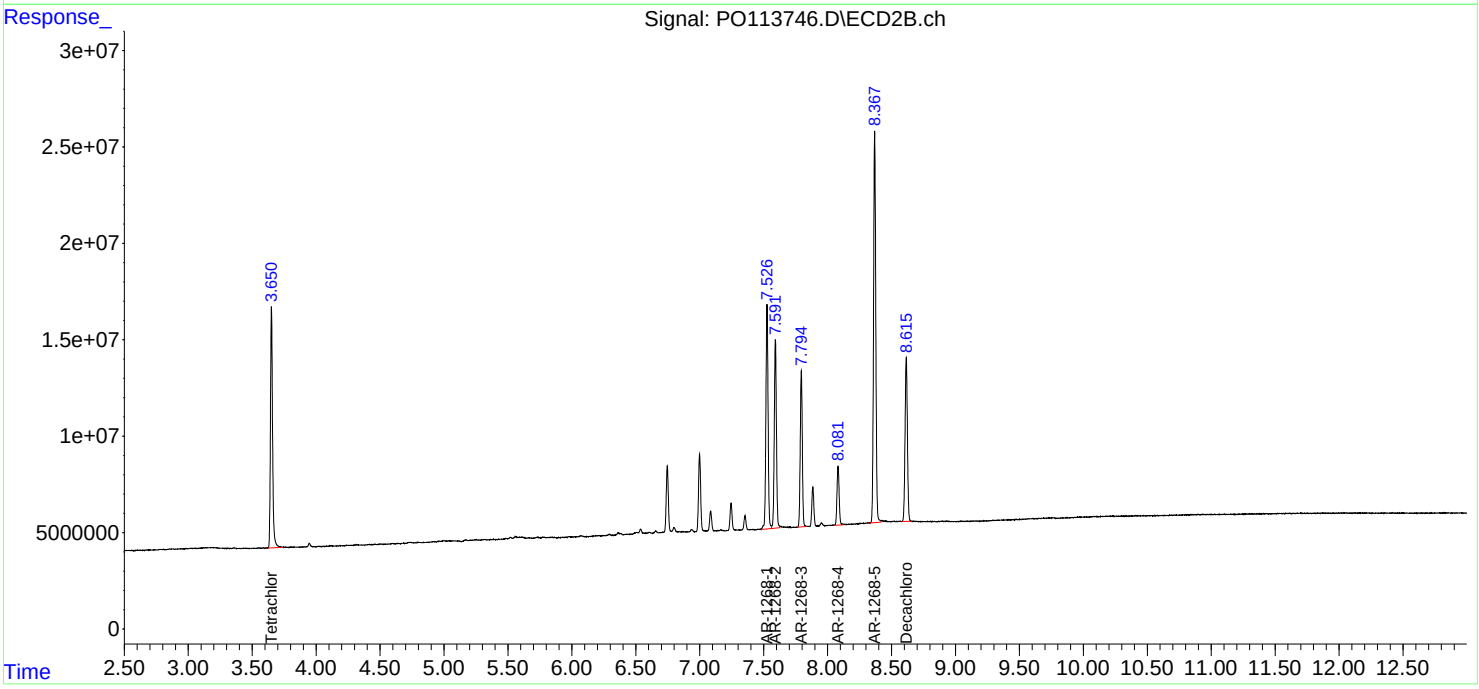
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113746.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 18:45
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

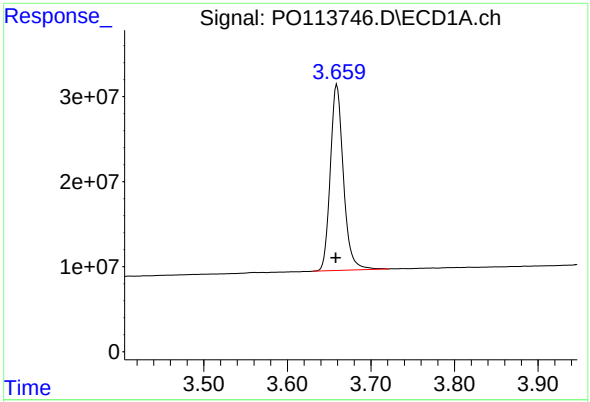
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:04:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



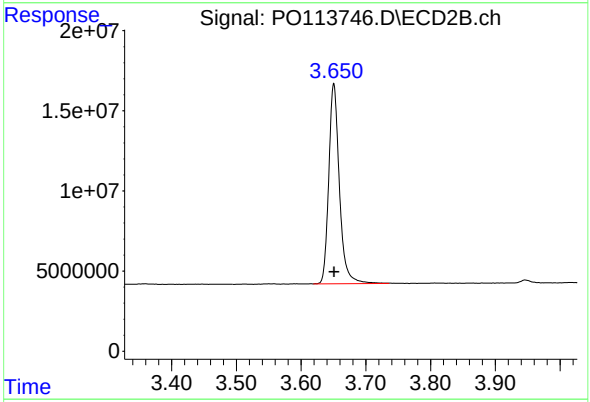




#1 Tetrachloro-m-xylene

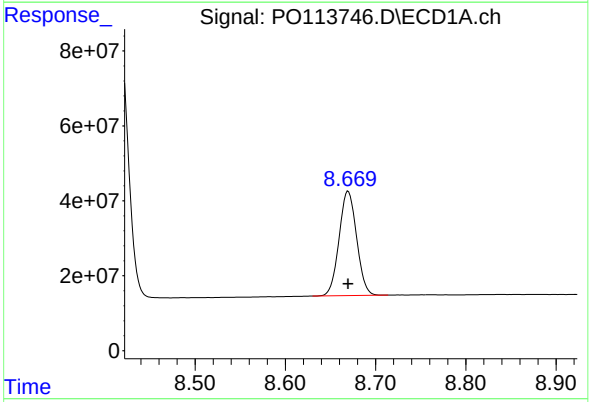
R.T.: 3.659 min
Delta R.T.: 0.001 min
Response: 237716755
Conc: 27.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



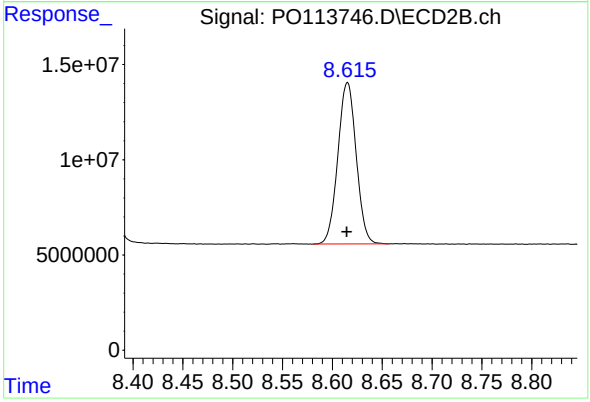
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 142368002
Conc: 27.64 ng/ml



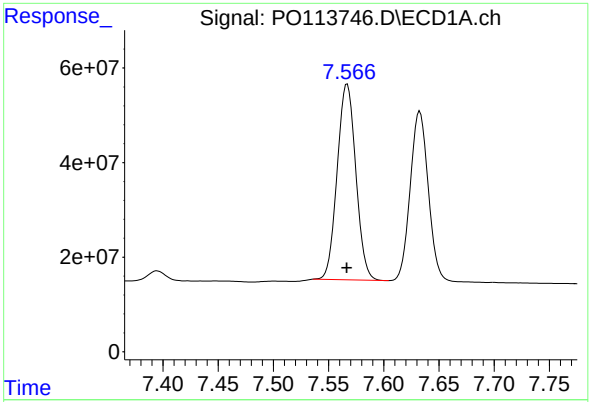
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 376198098
Conc: 27.09 ng/ml



#2 Decachlorobiphenyl

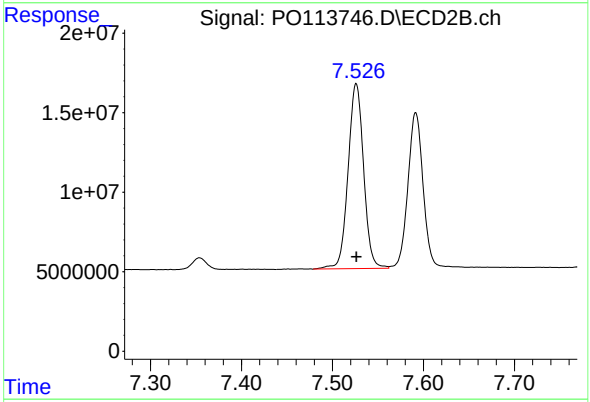
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 108686296
Conc: 27.78 ng/ml



#41 AR-1268-1

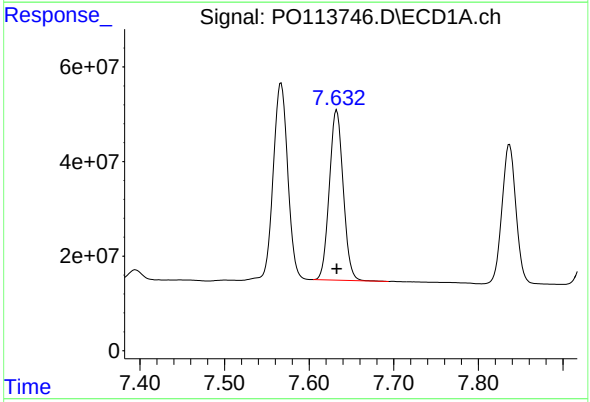
R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 486283752
Conc: 272.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



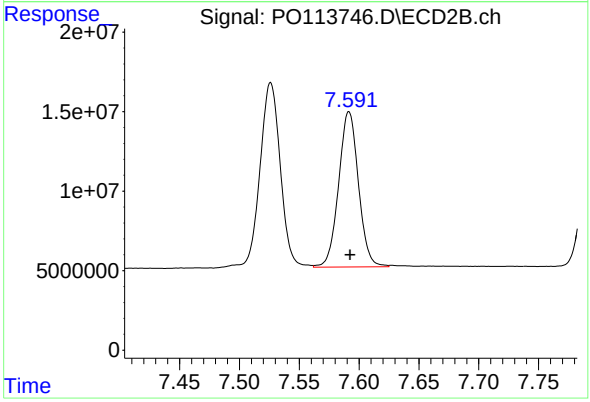
#41 AR-1268-1

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 138103318
Conc: 284.84 ng/ml



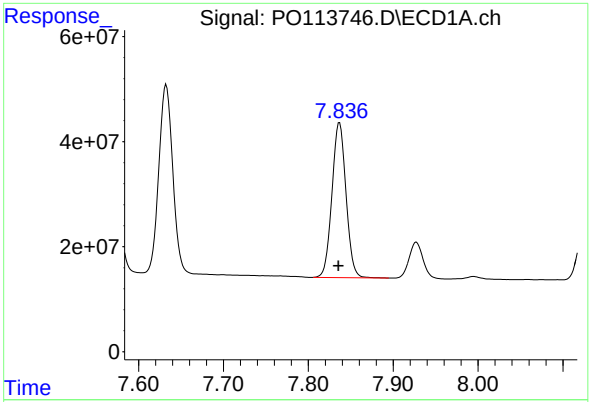
#42 AR-1268-2

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 409721178
Conc: 271.72 ng/ml



#42 AR-1268-2

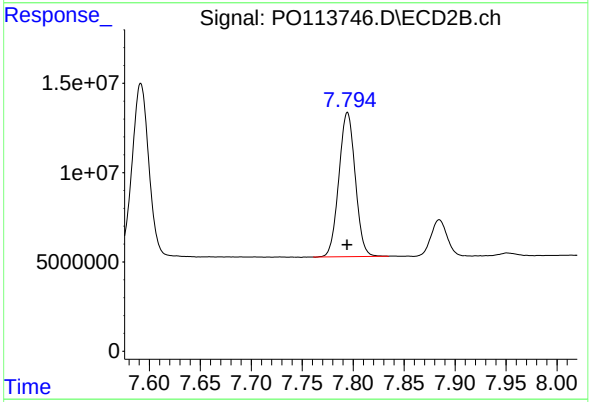
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 112743866
Conc: 281.69 ng/ml



#43 AR-1268-3

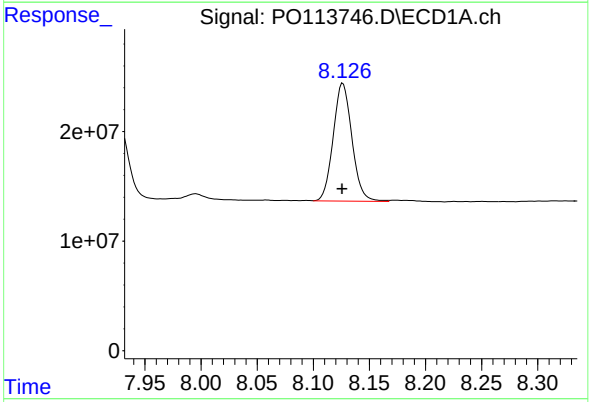
R.T.: 7.837 min
Delta R.T.: 0.001 min
Response: 338672767
Conc: 272.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



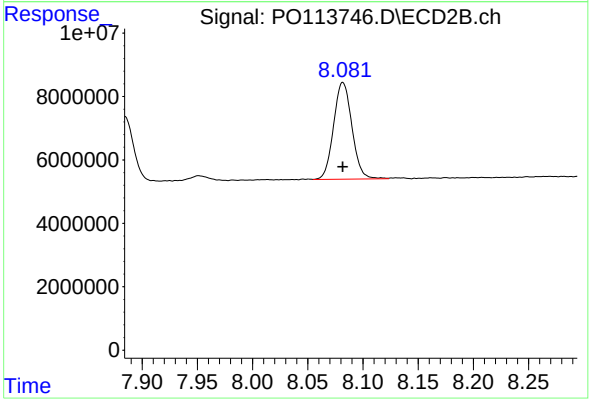
#43 AR-1268-3

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 90329232
Conc: 280.21 ng/ml



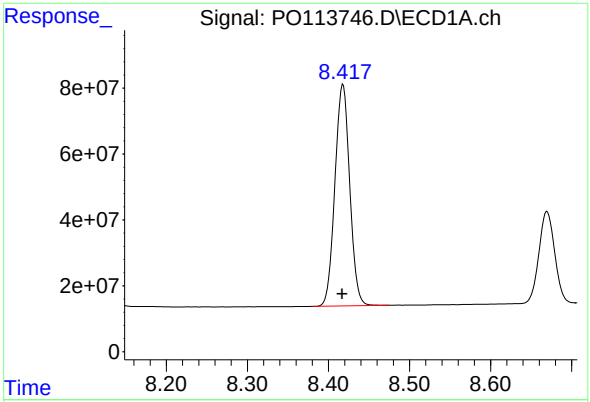
#44 AR-1268-4

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 124843114
Conc: 271.48 ng/ml



#44 AR-1268-4

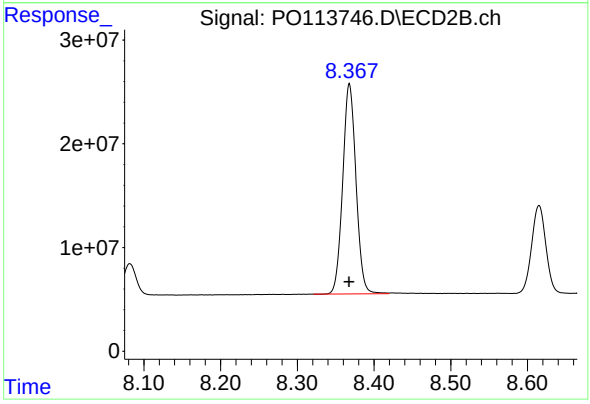
R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 35449635
Conc: 275.12 ng/ml



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: 0.001 min
Response: 854268549
Conc: 267.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 245295500
Conc: 274.09 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 19:21
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:19:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.650	33720326	21028789	3.567m	3.698m
2)	SA Decachlor...	8.669	8.614	59999796	17591430	3.987	4.109
	Target Compounds						
41)	L9 AR-1268-1	7.567	7.525	82715552	23926524	42.364	43.669m
42)	L9 AR-1268-2	7.633	7.591	68138068	18835061	41.307	41.950m
43)	L9 AR-1268-3	7.835	7.794	55807392	16548138	41.472m	46.525m
44)	L9 AR-1268-4	8.127	8.082	21450005	5726150	43.328	40.814
45)	L9 AR-1268-5	8.418	8.368	134.1E6	39149700	38.910	39.977

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 19:21
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 50 Sample Multiplier: 1

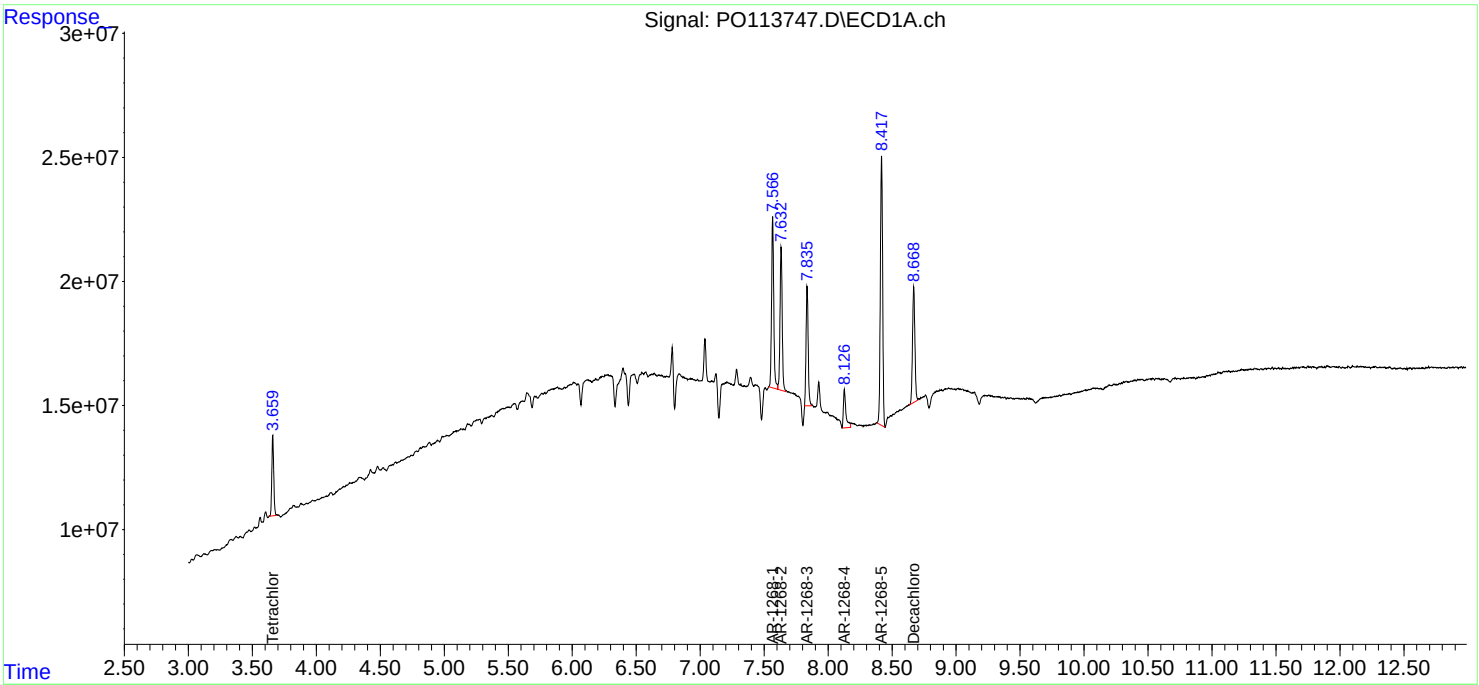
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

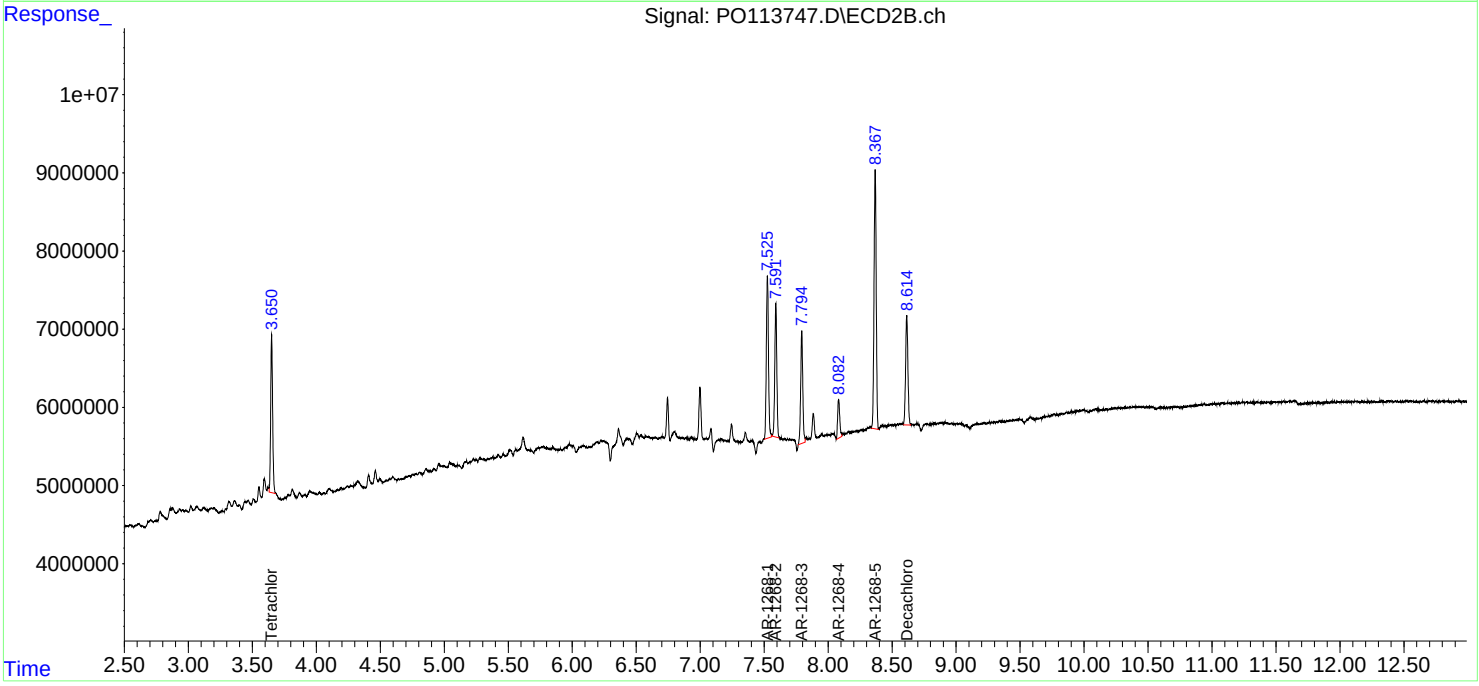
Manual Integrations APPROVED

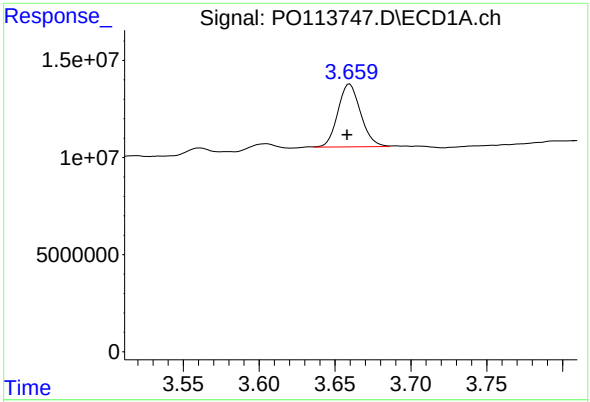
Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:19:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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







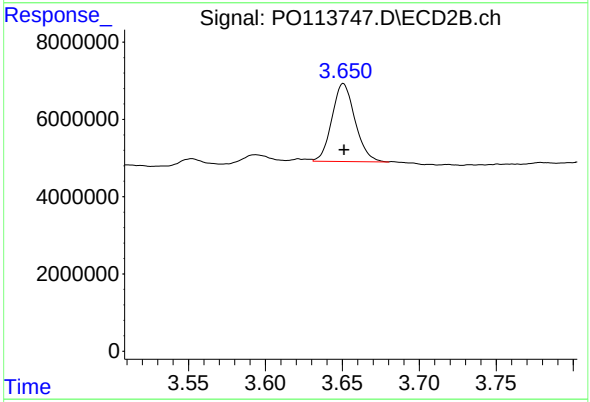
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 33720326
Conc: 3.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

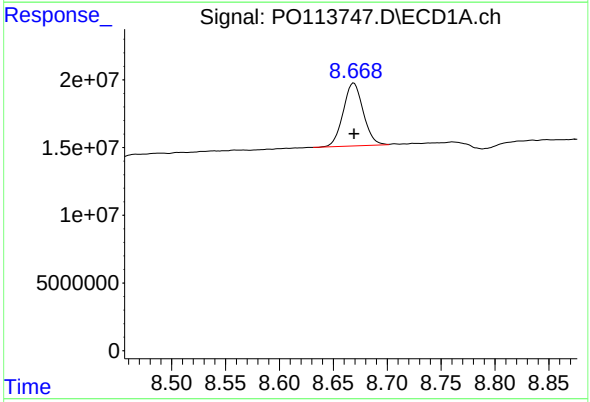
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



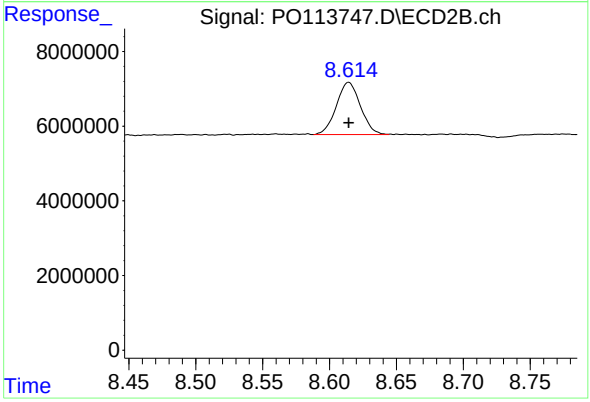
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 21028789
Conc: 3.70 ng/ml m



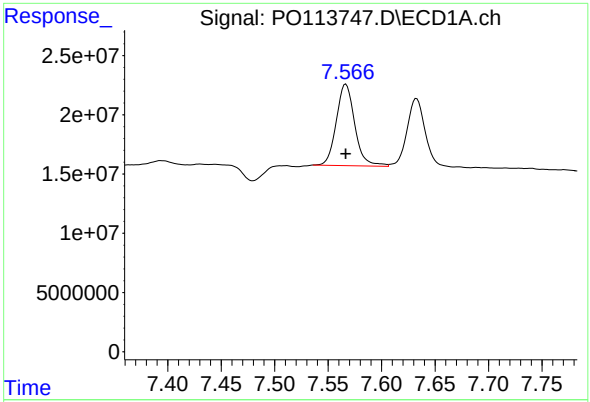
#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 59999796
Conc: 3.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 17591430
Conc: 4.11 ng/ml



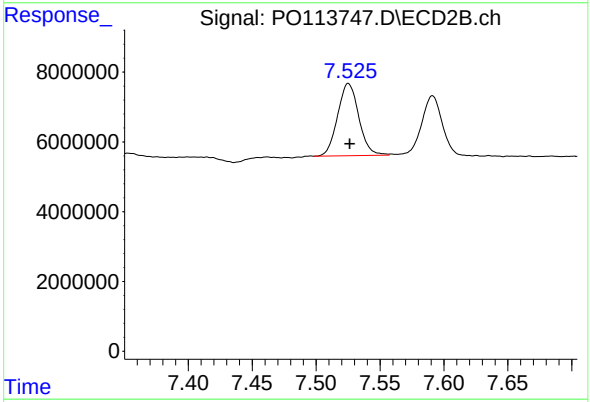
#41 AR-1268-1

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 82715552
Conc: 42.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

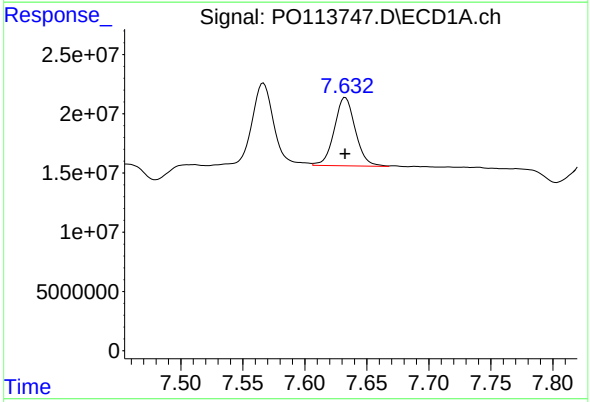
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



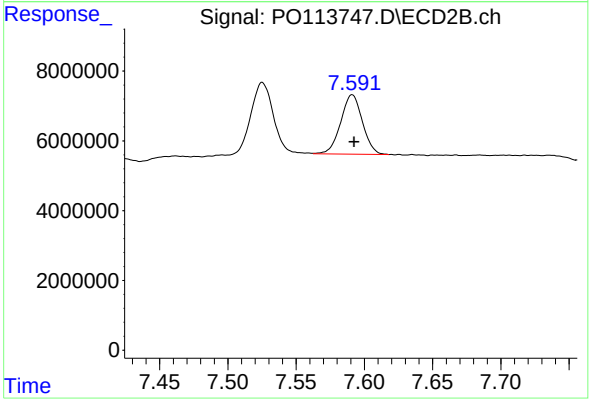
#41 AR-1268-1

R.T.: 7.525 min
Delta R.T.: -0.001 min
Response: 23926524
Conc: 43.67 ng/ml m



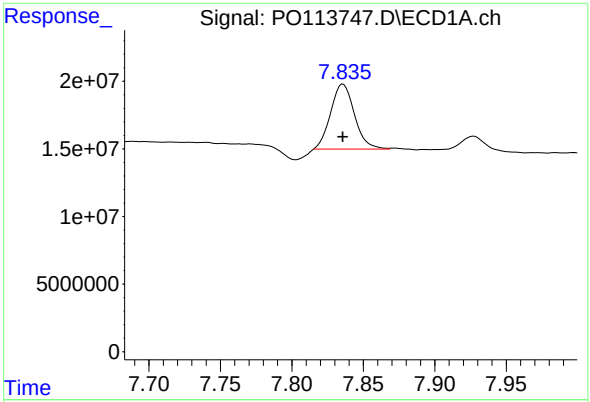
#42 AR-1268-2

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 68138068
Conc: 41.31 ng/ml



#42 AR-1268-2

R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 18835061
Conc: 41.95 ng/ml m



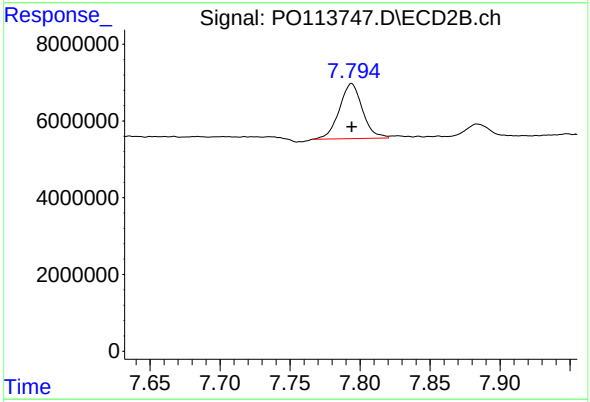
#43 AR-1268-3

R.T.: 7.835 min
Delta R.T.: 0.000 min
Response: 55807392
Conc: 41.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

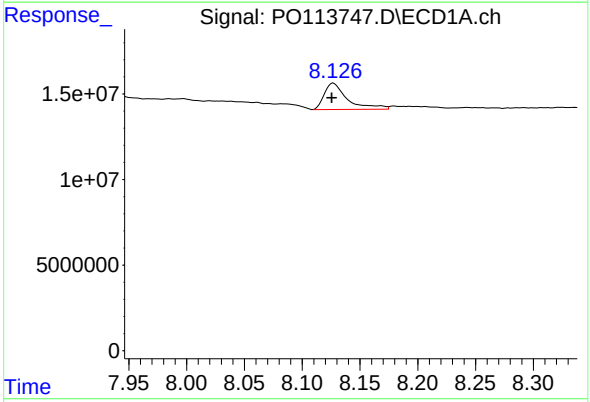
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



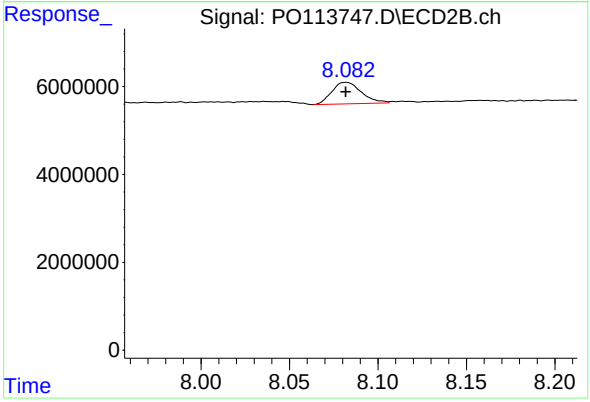
#43 AR-1268-3

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 16548138
Conc: 46.52 ng/ml m



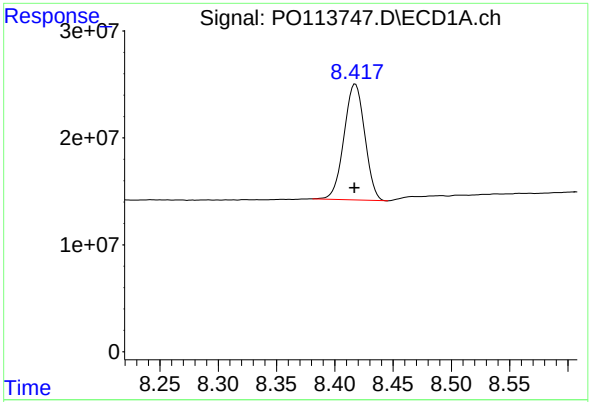
#44 AR-1268-4

R.T.: 8.127 min
Delta R.T.: 0.002 min
Response: 21450005
Conc: 43.33 ng/ml



#44 AR-1268-4

R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 5726150
Conc: 40.81 ng/ml



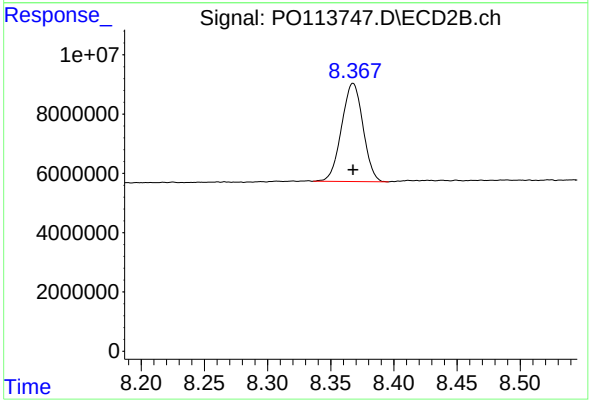
#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 134145911
Conc: 38.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



#45 AR-1268-5

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 39149700
Conc: 39.98 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 19:40
Operator : YP/AJ
Sample : PO091525ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO091525

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.660	3.651	421.1E6	252.3E6	47.750	47.245
2)	SA Decachlor...	8.670	8.615	368.7E6	107.8E6	55.107	51.617
	Target Compounds						
3)	L1 AR-1016-1	4.743	4.723	139.9E6	84089553	460.962	461.418
4)	L1 AR-1016-2	4.761	4.740	212.9E6	126.5E6	467.739	456.868
5)	L1 AR-1016-3	4.818	4.916	135.0E6	68594551	451.043	459.307
6)	L1 AR-1016-4	4.938	4.958	109.1E6	55712186	453.898	461.540
7)	L1 AR-1016-5	5.194	5.169	122.7E6	71059159	511.019	473.519
31)	L7 AR-1260-1	6.229	6.196	241.9E6	115.4E6	493.521	459.332
32)	L7 AR-1260-2	6.419	6.384	365.4E6	150.9E6	477.120	456.489
33)	L7 AR-1260-3	6.783	6.535	329.0E6	123.7E6	488.937	441.186
34)	L7 AR-1260-4	7.042	7.003	241.8E6	88225295	558.825	461.402
35)	L7 AR-1260-5	7.285	7.246	634.2E6	195.2E6	559.829m	458.660

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

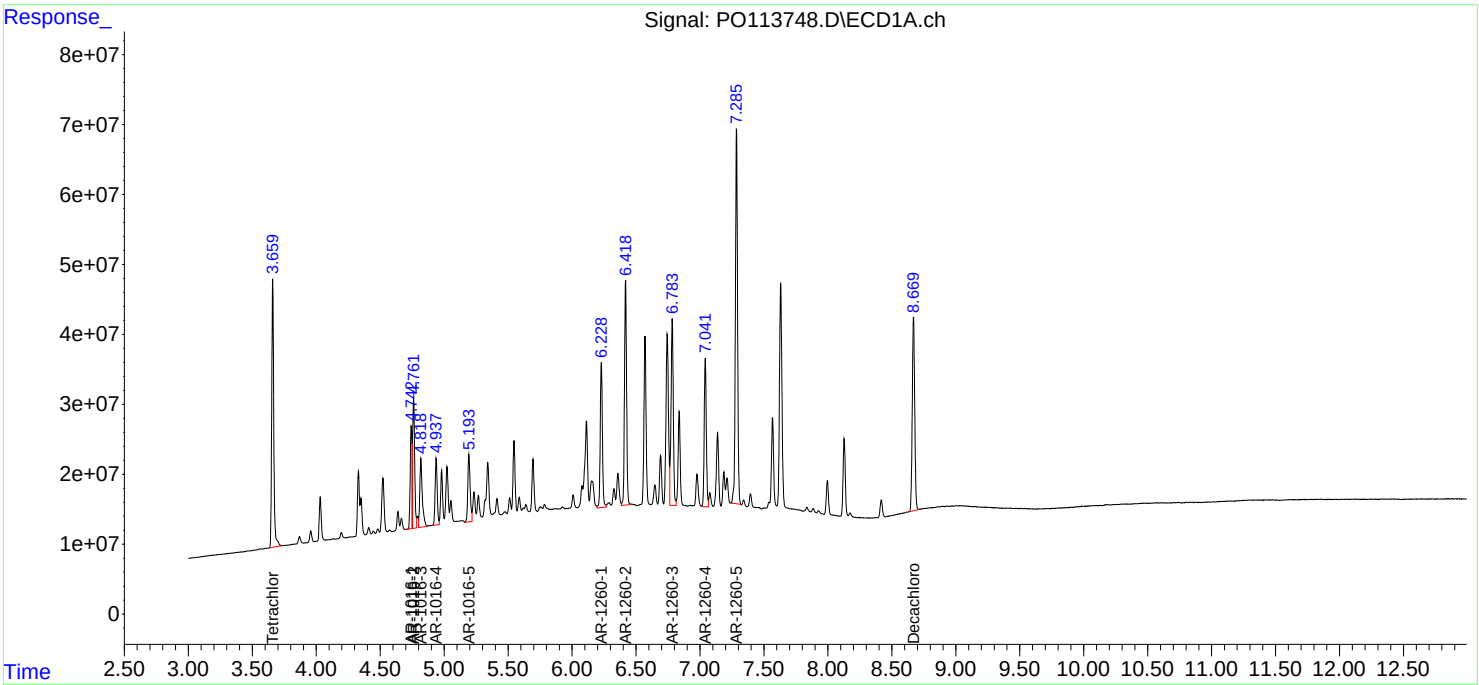
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 19:40
Operator : YP/AJ
Sample : PO091525ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

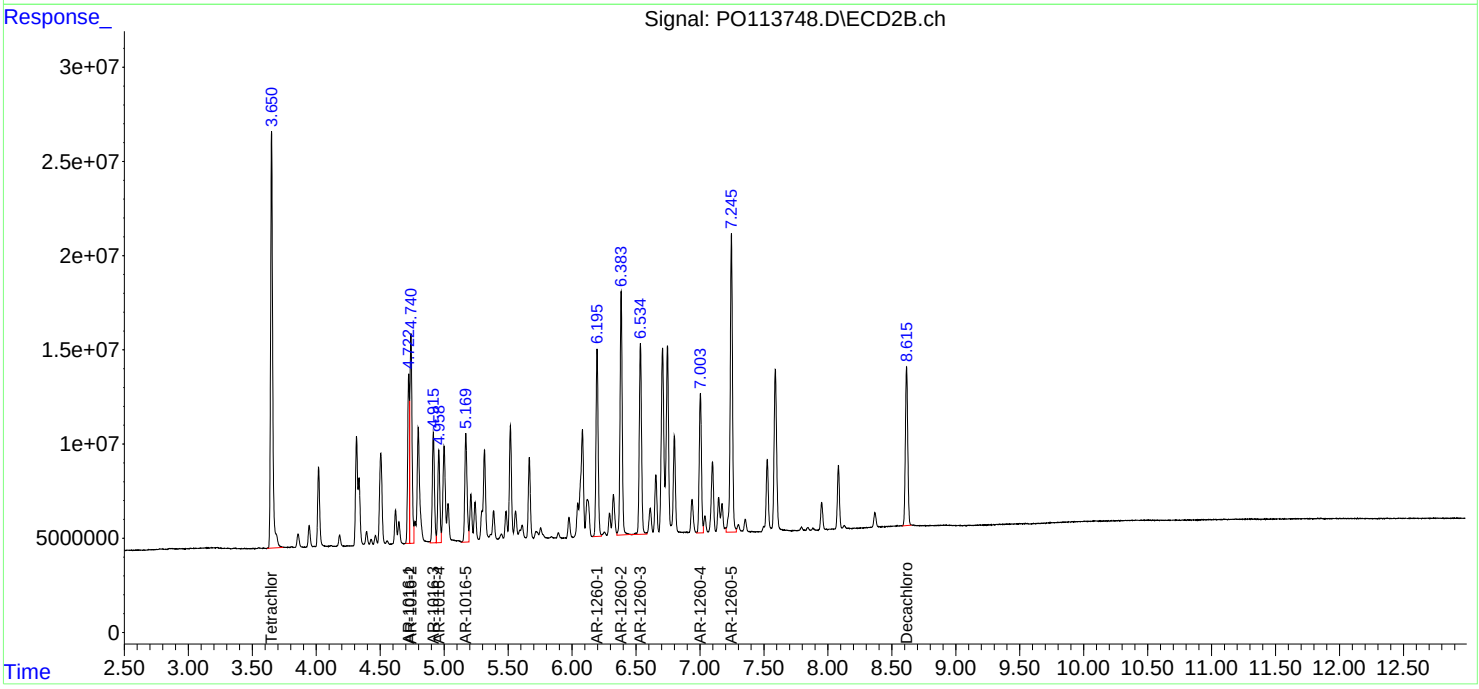
Instrument :
ECD_O
ClientSampleId :
ICVPO091525

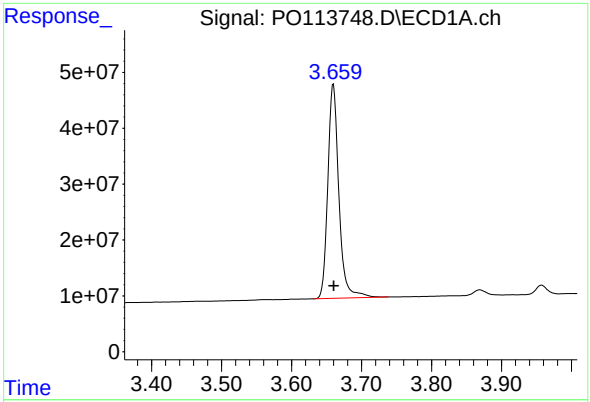
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







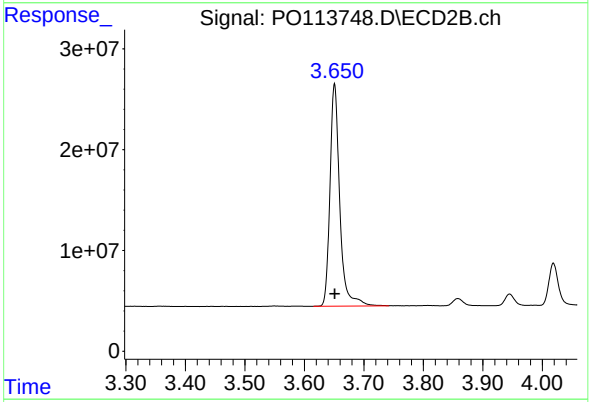
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 421137570
Conc: 47.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525

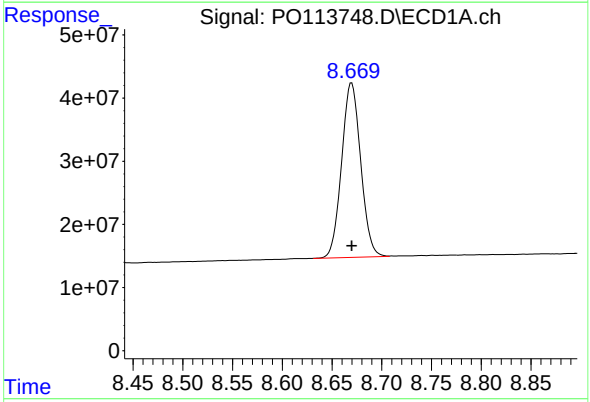
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



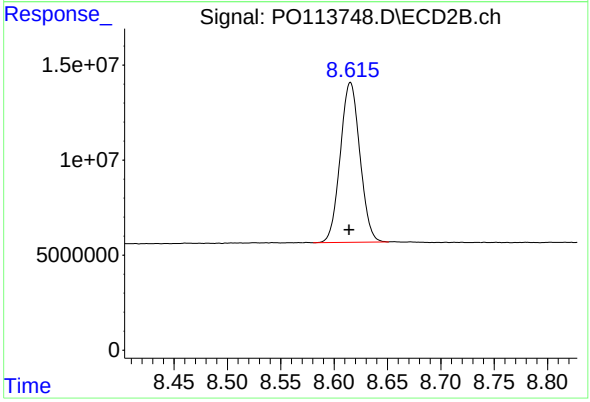
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 252336502
Conc: 47.25 ng/ml



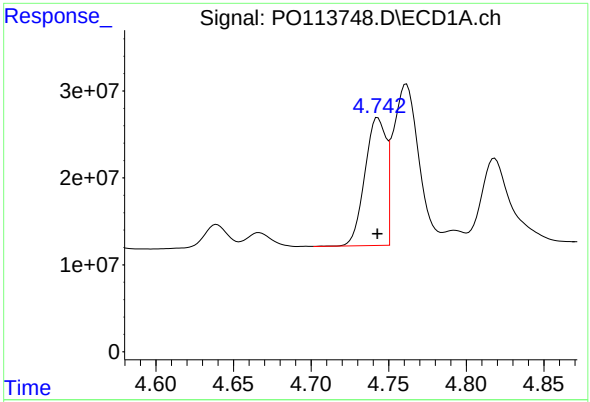
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 368683828
Conc: 55.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.615 min
Delta R.T.: 0.001 min
Response: 107764072
Conc: 51.62 ng/ml



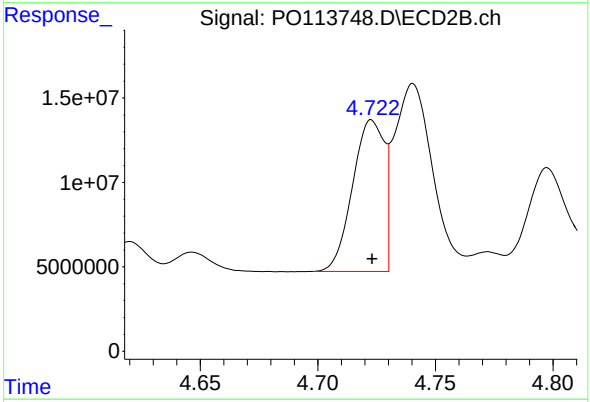
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 139908194
Conc: 460.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525

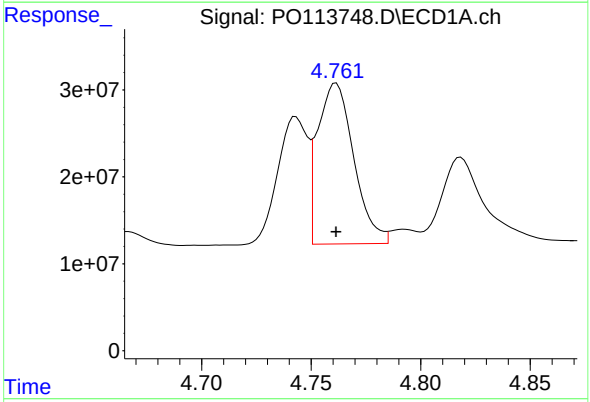
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



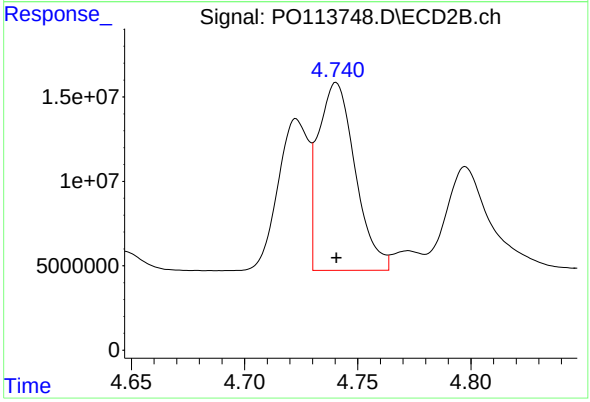
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 84089553
Conc: 461.42 ng/ml



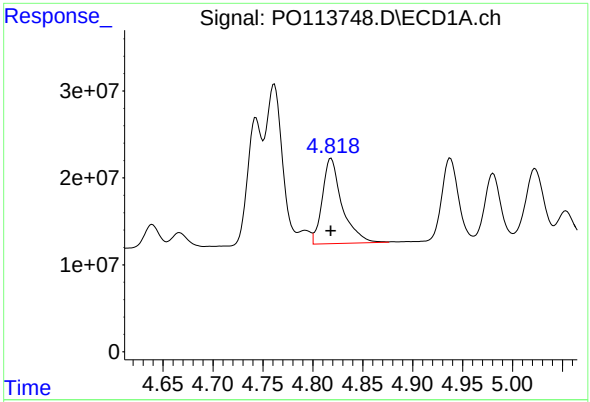
#4 AR-1016-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 212851378
Conc: 467.74 ng/ml



#4 AR-1016-2

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 126481745
Conc: 456.87 ng/ml



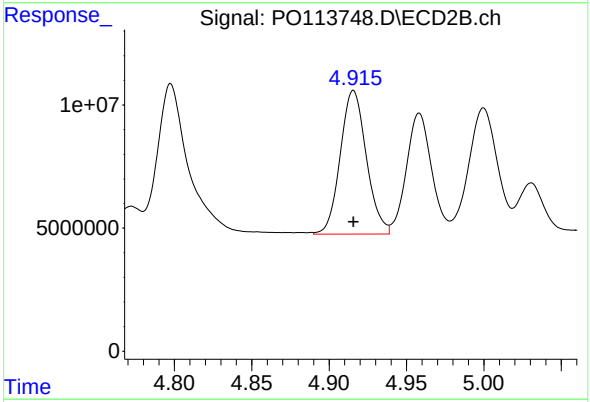
#5 AR-1016-3

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 134956580
Conc: 451.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525

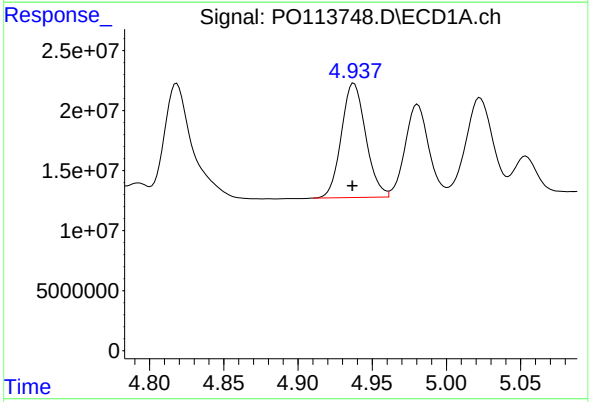
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



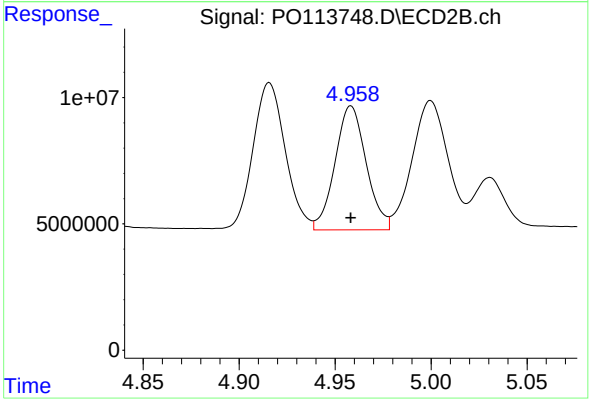
#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 68594551
Conc: 459.31 ng/ml



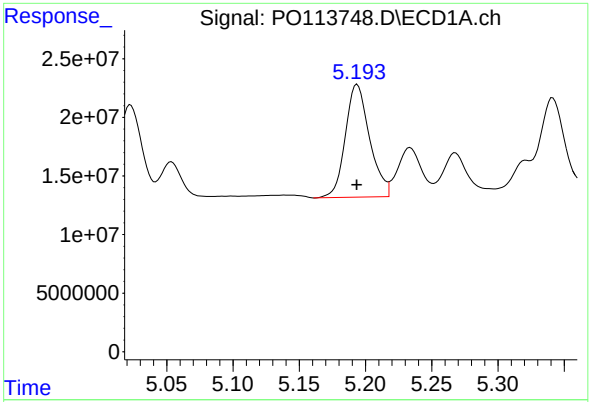
#6 AR-1016-4

R.T.: 4.938 min
Delta R.T.: 0.001 min
Response: 109107401
Conc: 453.90 ng/ml



#6 AR-1016-4

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 55712186
Conc: 461.54 ng/ml



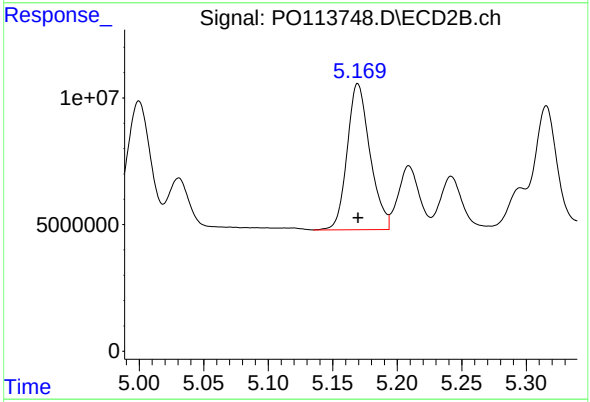
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 122696122
Conc: 511.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525

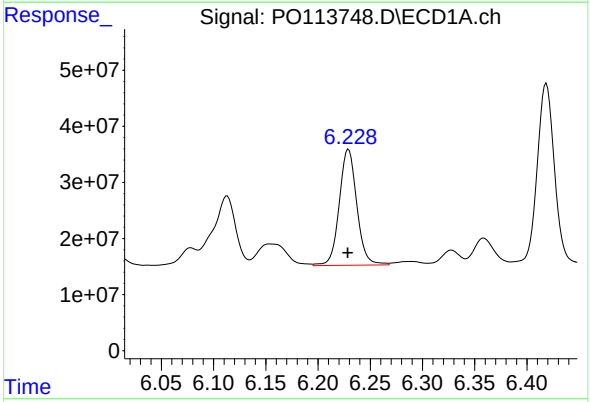
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



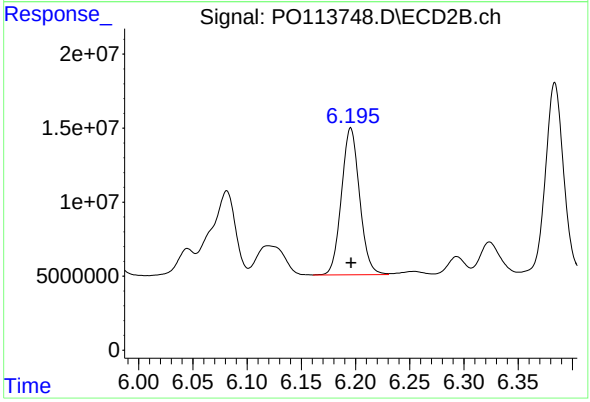
#7 AR-1016-5

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 71059159
Conc: 473.52 ng/ml



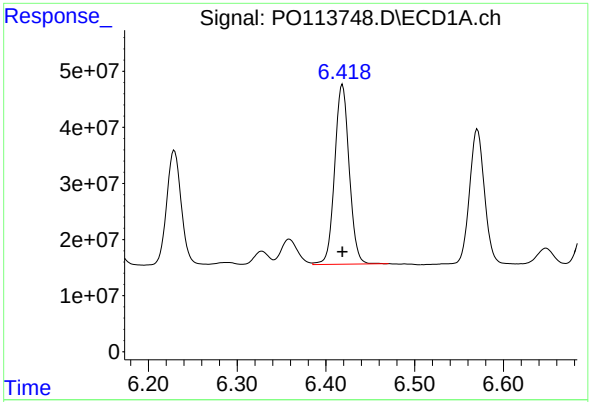
#31 AR-1260-1

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 241924660
Conc: 493.52 ng/ml



#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 115425223
Conc: 459.33 ng/ml



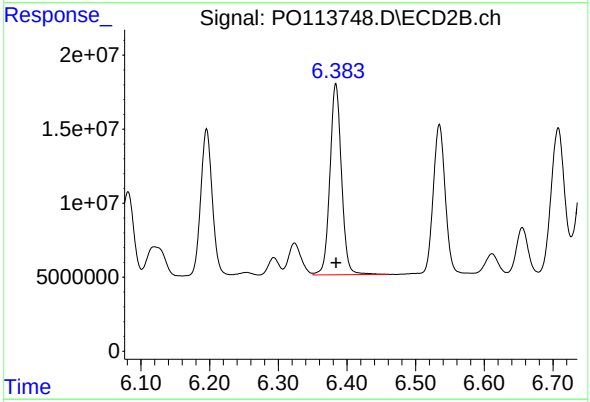
#32 AR-1260-2

R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 365397310
Conc: 477.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525

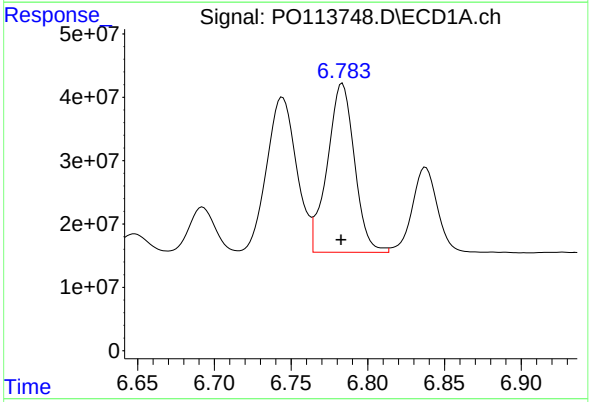
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



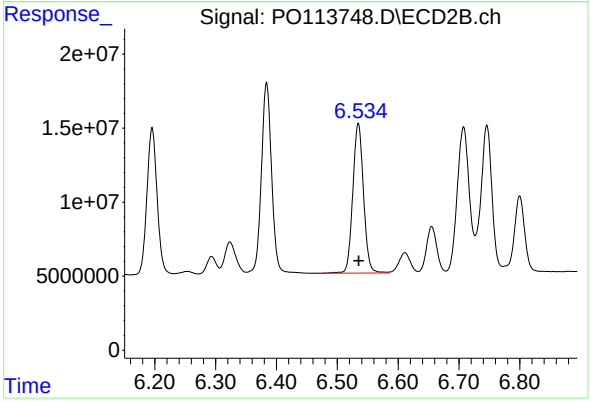
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 150918886
Conc: 456.49 ng/ml



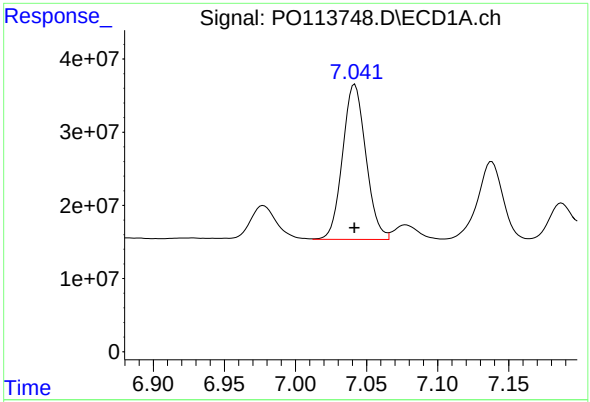
#33 AR-1260-3

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 328962493
Conc: 488.94 ng/ml



#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 123689701
Conc: 441.19 ng/ml



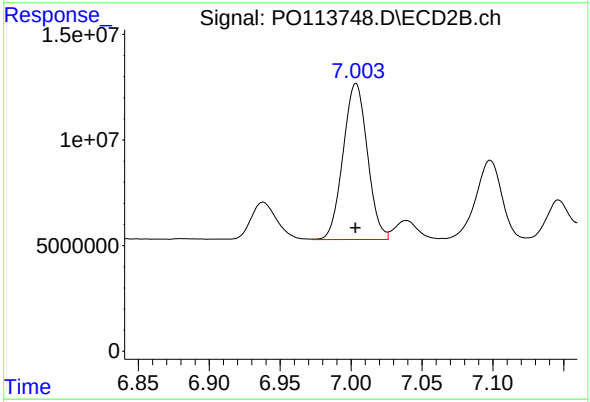
#34 AR-1260-4

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 241823481
Conc: 558.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525

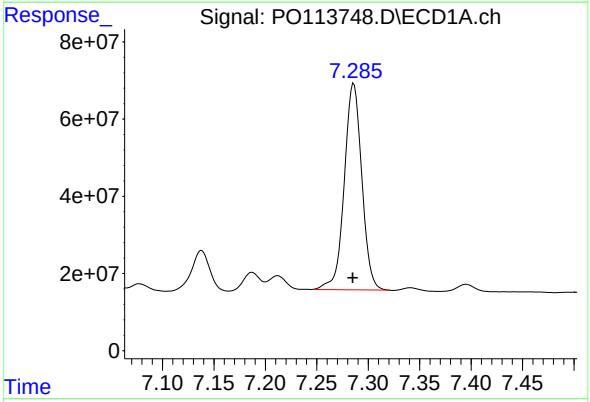
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



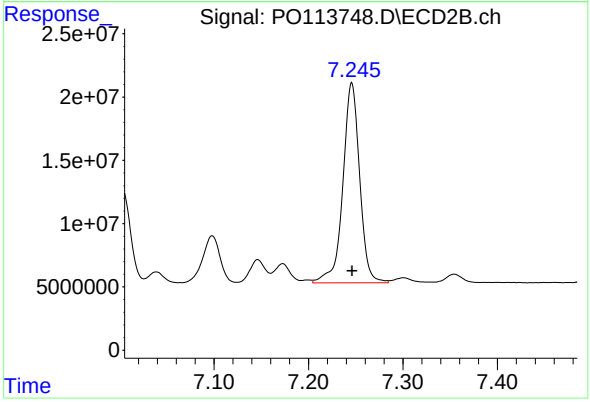
#34 AR-1260-4

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 88225295
Conc: 461.40 ng/ml



#35 AR-1260-5

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 634178008
Conc: 559.83 ng/ml m



#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 195241928
Conc: 458.66 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 20:16
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.657	3.650	441.4E6	263.1E6	50.044	49.252
2)	SA Decachlor...	8.668	8.614	381.6E6	113.9E6	57.032	54.539
	Target Compounds						
16)	L4 AR-1242-1	4.740	4.722	123.8E6	74583010	557.090	546.627
17)	L4 AR-1242-2	4.758	4.740	191.7E6	114.6E6	570.198	552.993
18)	L4 AR-1242-3	4.816	4.915	121.2E6	61579269	563.714	530.803
19)	L4 AR-1242-4	4.935	4.999	96419332	59974944	551.225	521.534
20)	L4 AR-1242-5	5.585	5.517	115.6E6	74740078	552.190	526.903

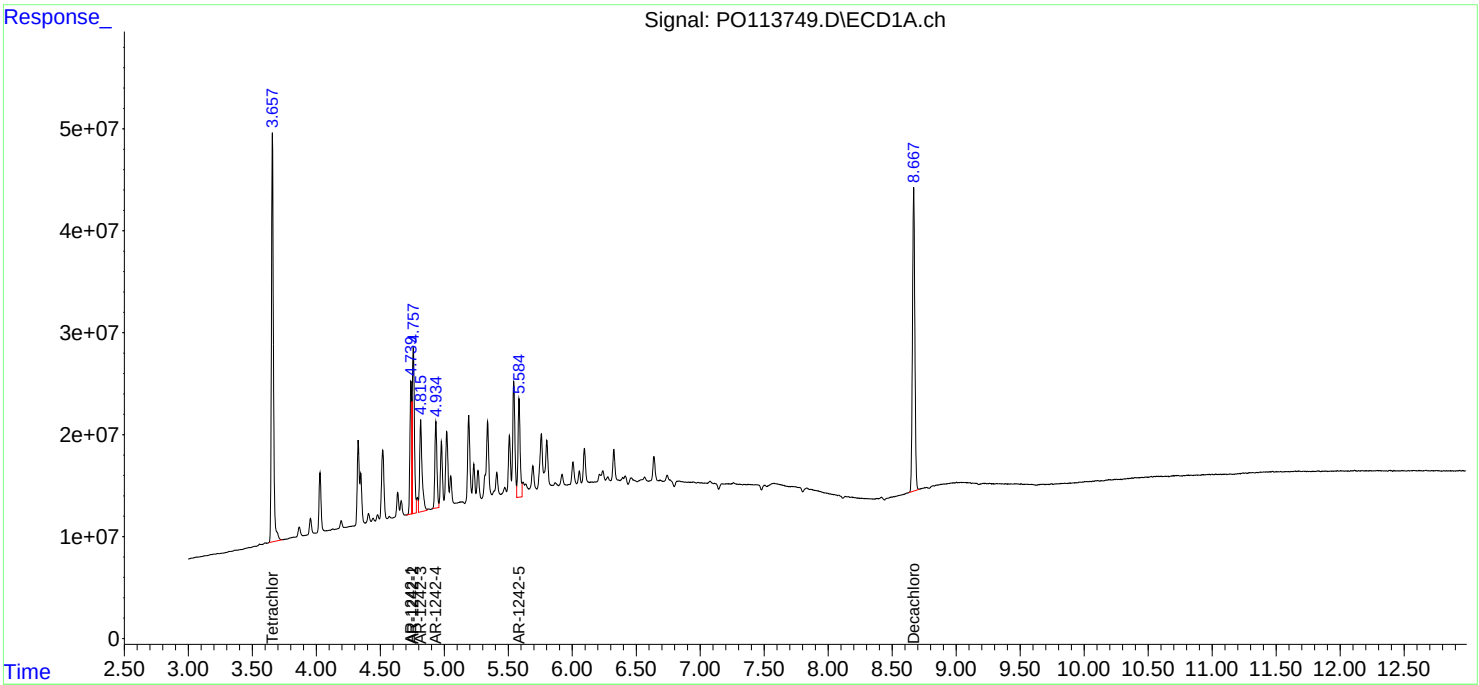
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

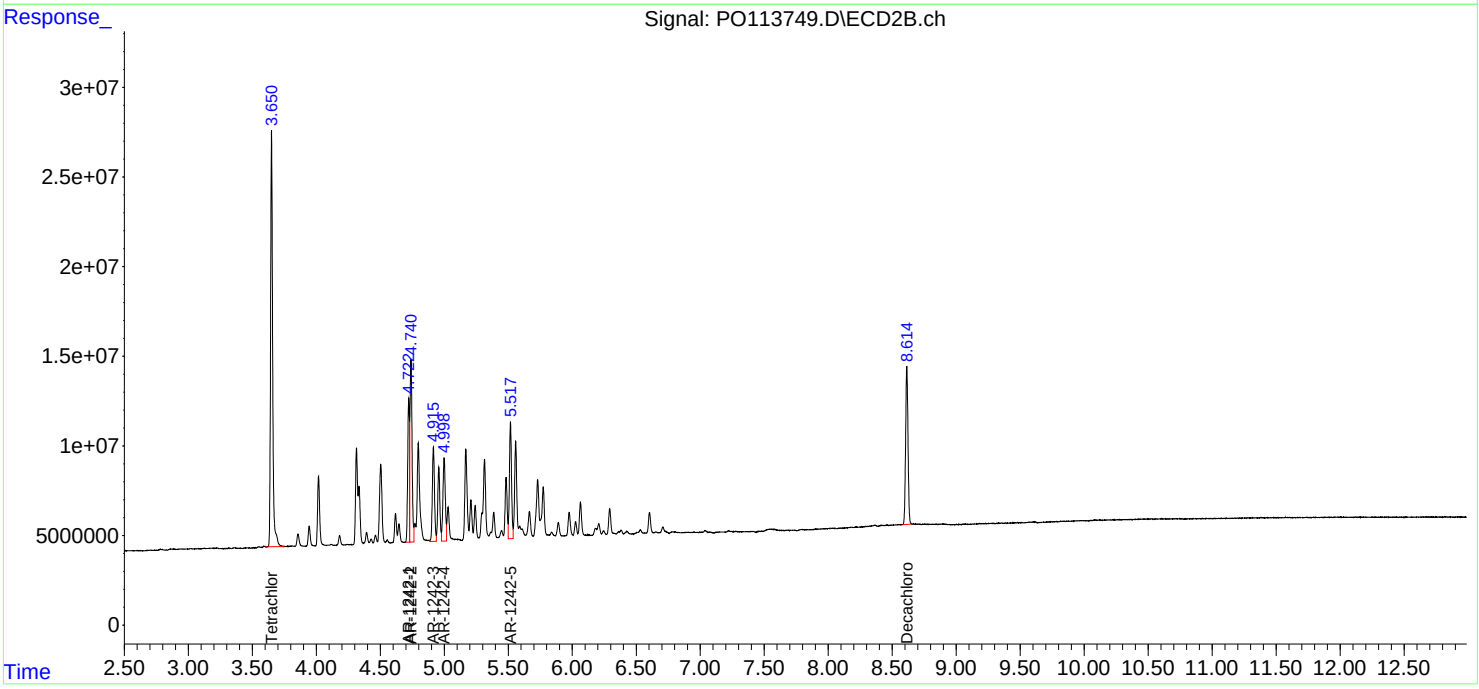
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 20:16
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

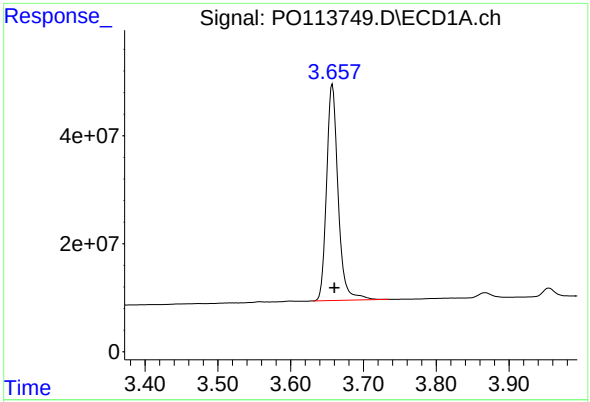
Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



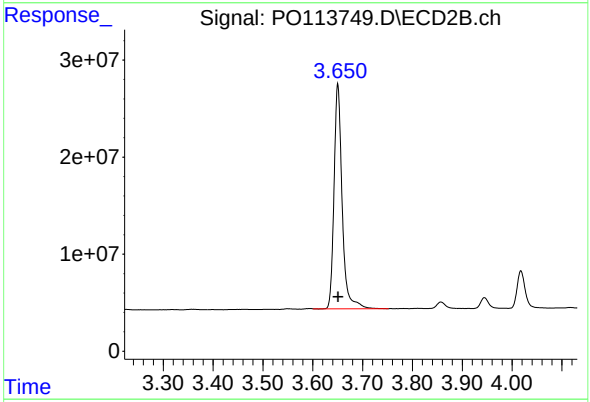




#1 Tetrachloro-m-xylene

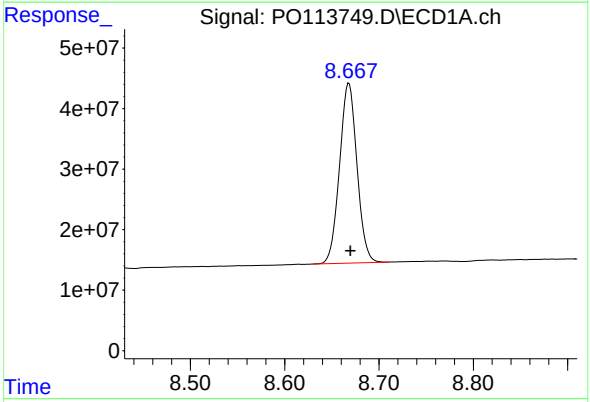
R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 441375235
Conc: 50.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1242



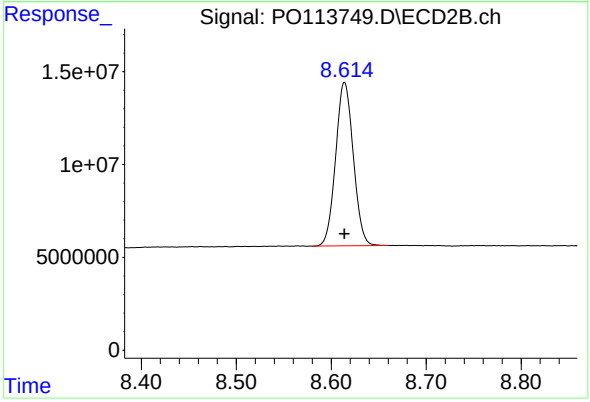
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 263053590
Conc: 49.25 ng/ml



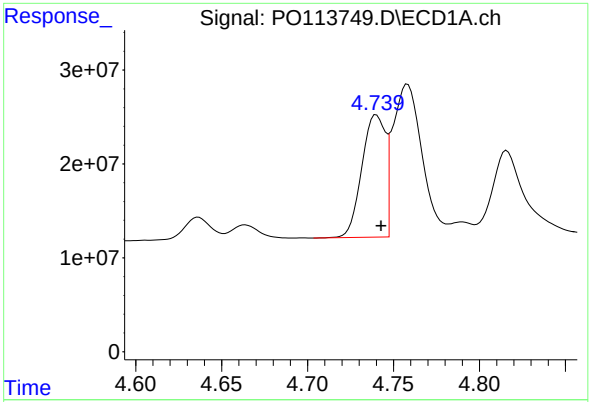
#2 Decachlorobiphenyl

R.T.: 8.668 min
Delta R.T.: -0.002 min
Response: 381559860
Conc: 57.03 ng/ml



#2 Decachlorobiphenyl

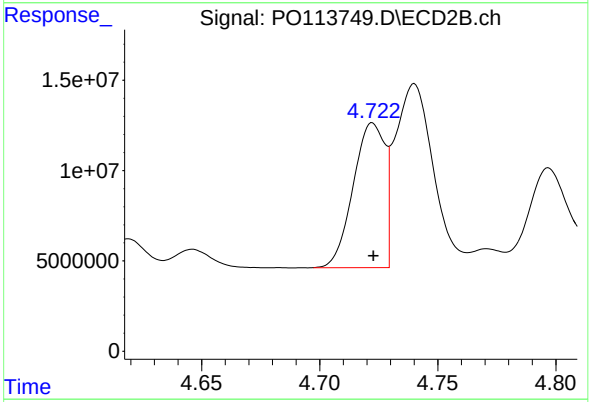
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 113864636
Conc: 54.54 ng/ml



#16 AR-1242-1

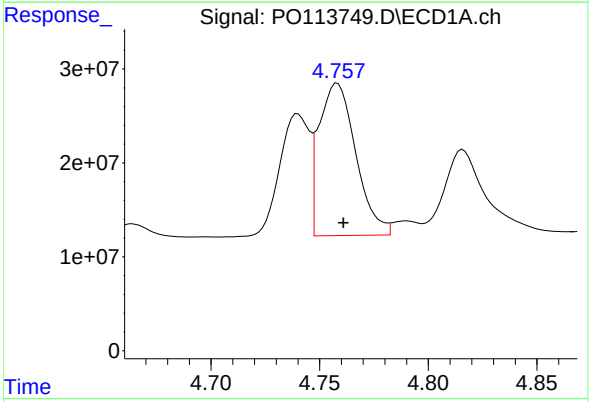
R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 123785038
Conc: 557.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1242



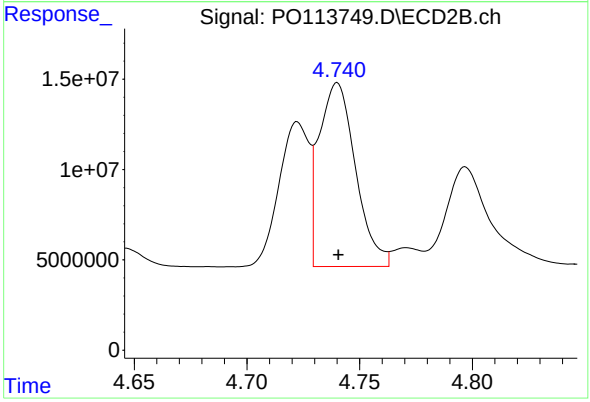
#16 AR-1242-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 74583010
Conc: 546.63 ng/ml



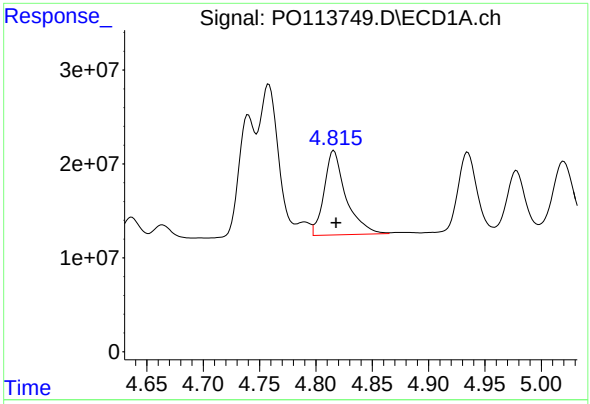
#17 AR-1242-2

R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 191657037
Conc: 570.20 ng/ml



#17 AR-1242-2

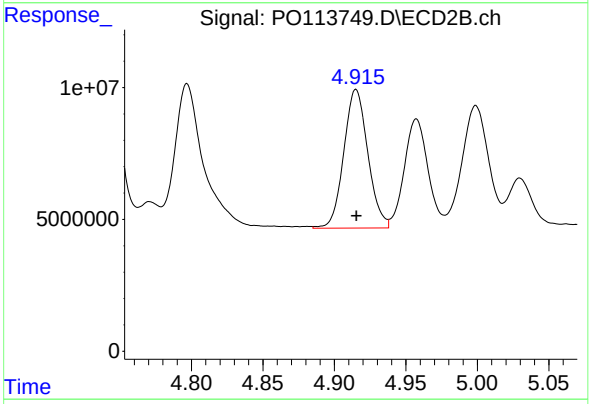
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 114609824
Conc: 552.99 ng/ml



#18 AR-1242-3

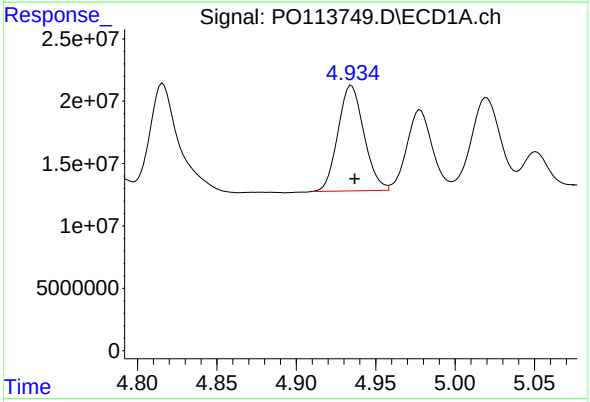
R.T.: 4.816 min
Delta R.T.: -0.002 min
Response: 121193923
Conc: 563.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1242



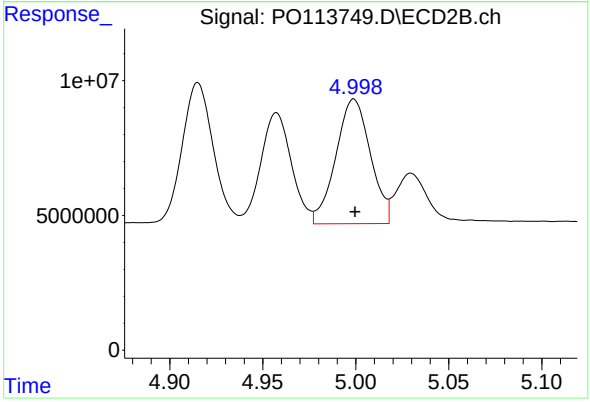
#18 AR-1242-3

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 61579269
Conc: 530.80 ng/ml



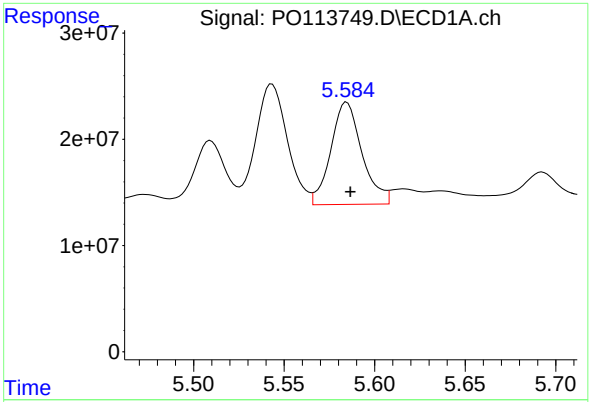
#19 AR-1242-4

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 96419332
Conc: 551.23 ng/ml



#19 AR-1242-4

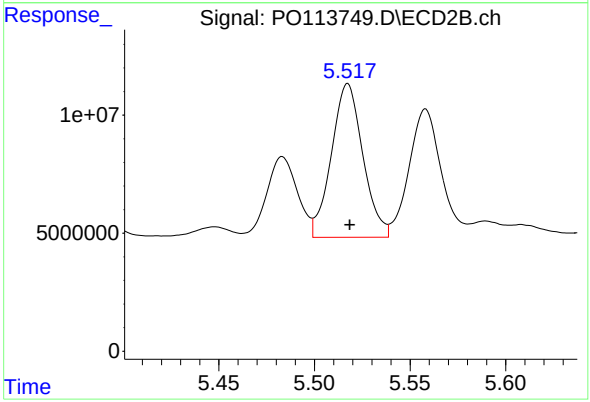
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 59974944
Conc: 521.53 ng/ml



#20 AR-1242-5

R.T.: 5.585 min
Delta R.T.: -0.002 min
Response: 115614997
Conc: 552.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1242



#20 AR-1242-5

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 74740078
Conc: 526.90 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 21:11
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.650	438.0E6	259.4E6	49.663	48.576
2)	SA Decachlor...	8.670	8.614	383.1E6	115.5E6	57.257	55.337
	Target Compounds						
21)	L5 AR-1248-1	4.742	4.722	94445285	58206014	523.909	532.408
22)	L5 AR-1248-2	4.980	4.958	129.9E6	82371105	534.029	522.742
23)	L5 AR-1248-3	5.193	4.999	171.2E6	86721195	527.568	519.554
24)	L5 AR-1248-4	5.545	5.169	270.3E6	100.9E6	540.341	519.466
25)	L5 AR-1248-5	5.587	5.558	189.4E6	102.3E6	560.046	504.416

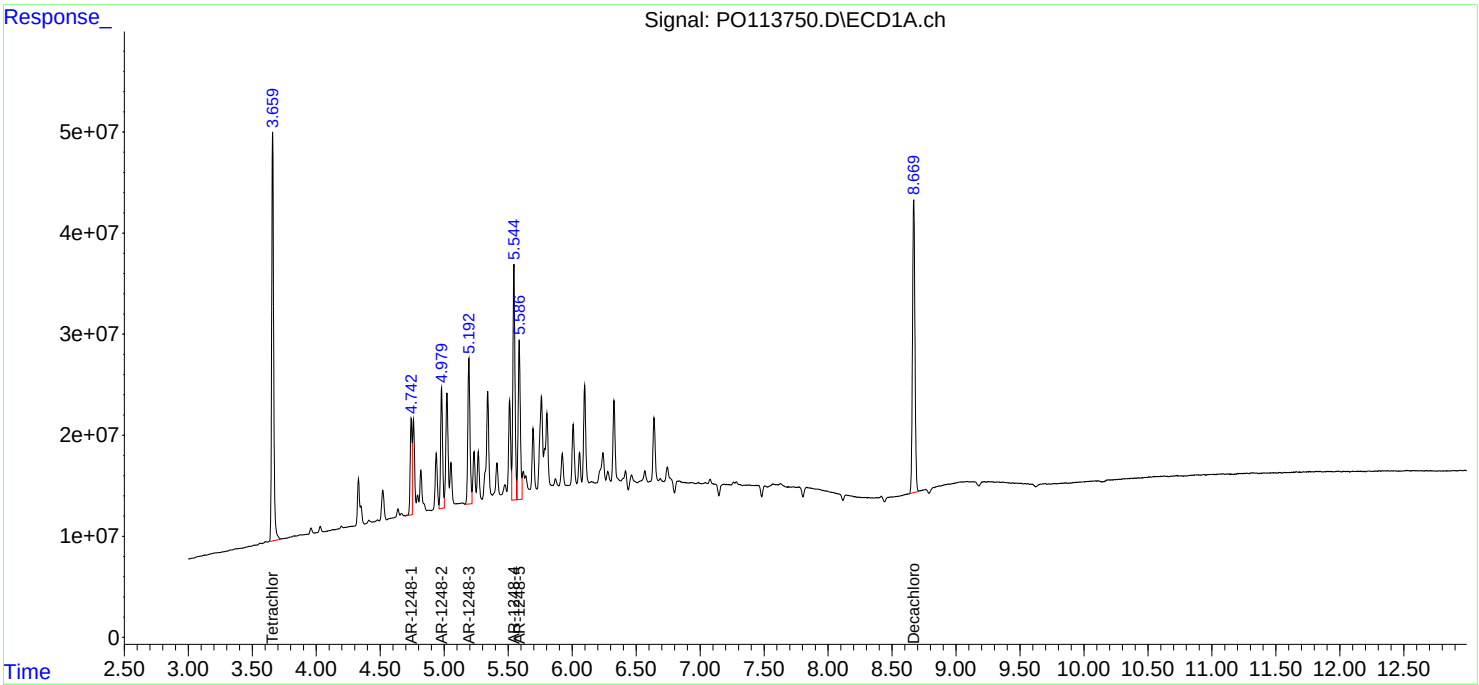
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

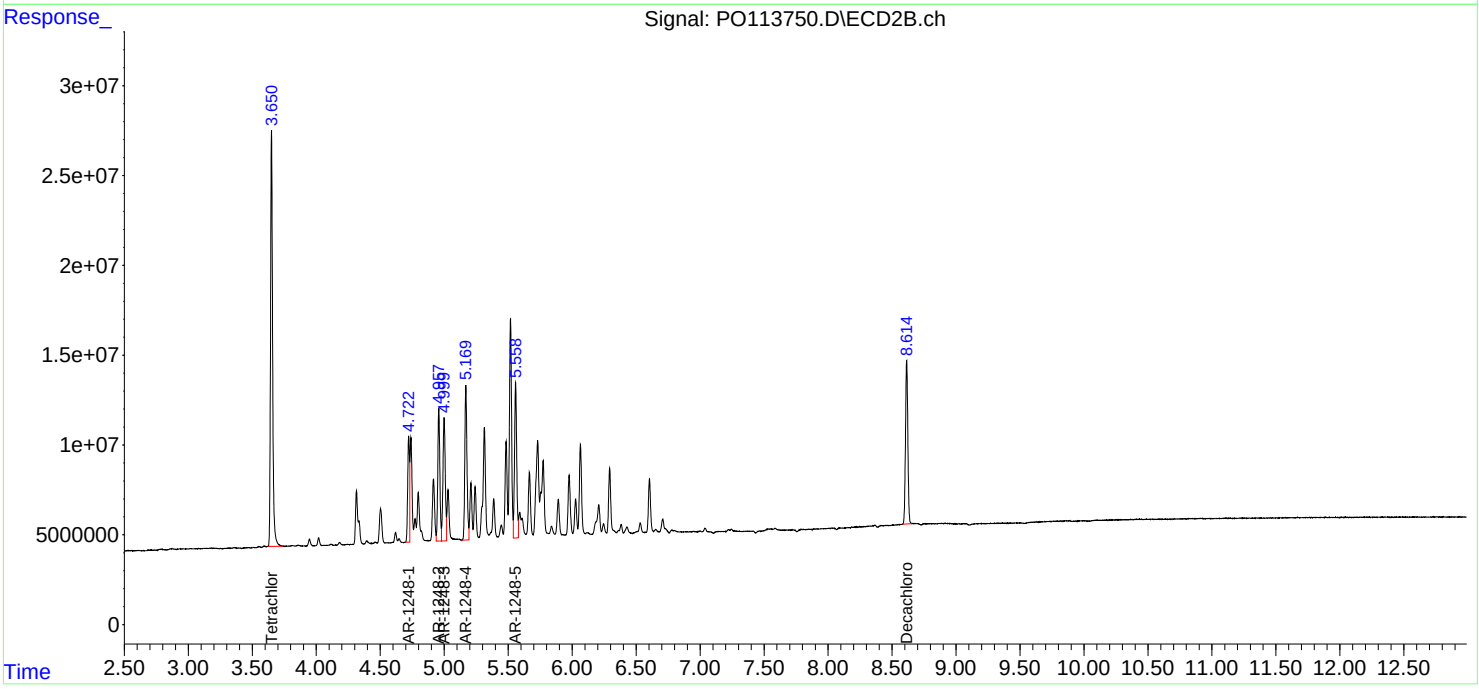
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 21:11
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

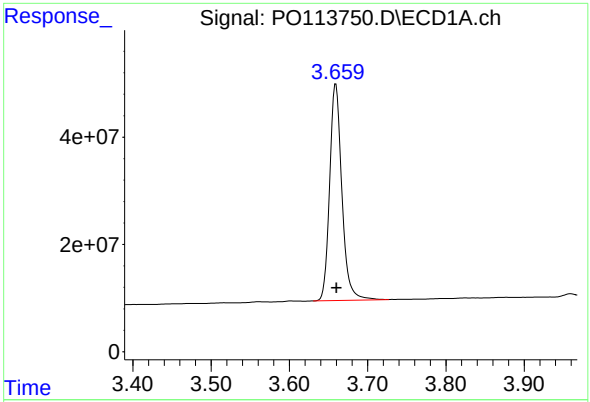
Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



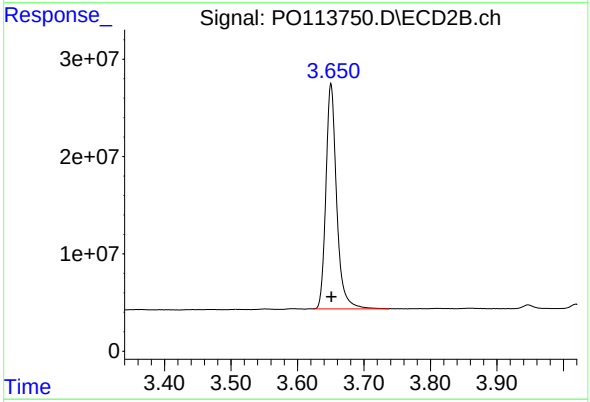




#1 Tetrachloro-m-xylene

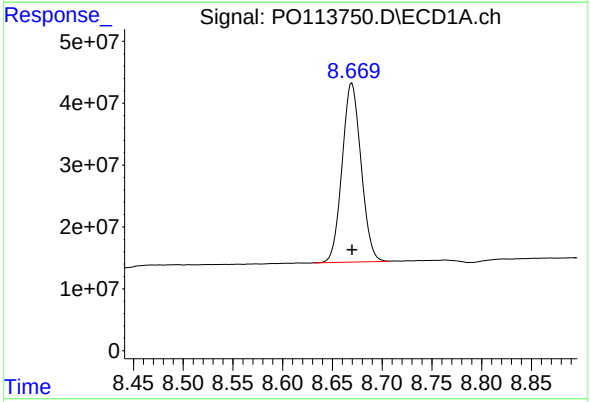
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 438015796
Conc: 49.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1248



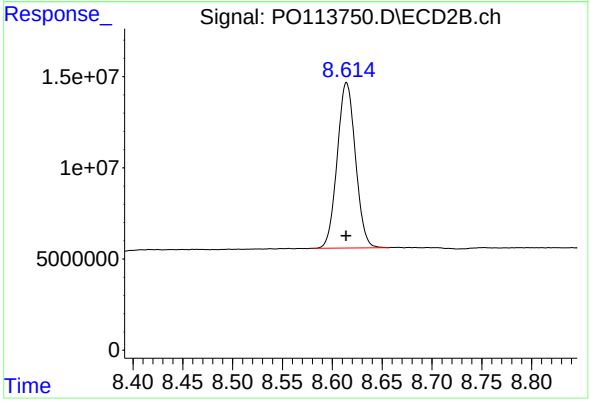
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 259446650
Conc: 48.58 ng/ml



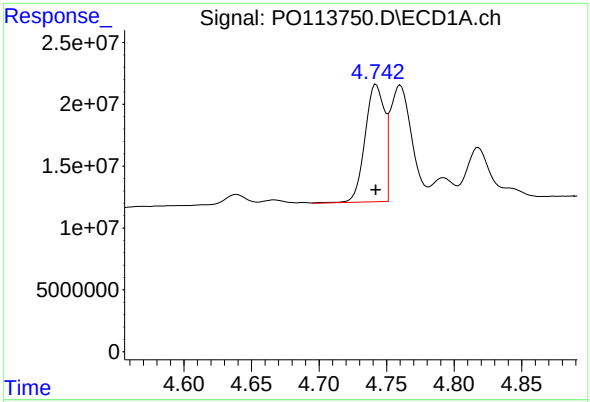
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 383063306
Conc: 57.26 ng/ml



#2 Decachlorobiphenyl

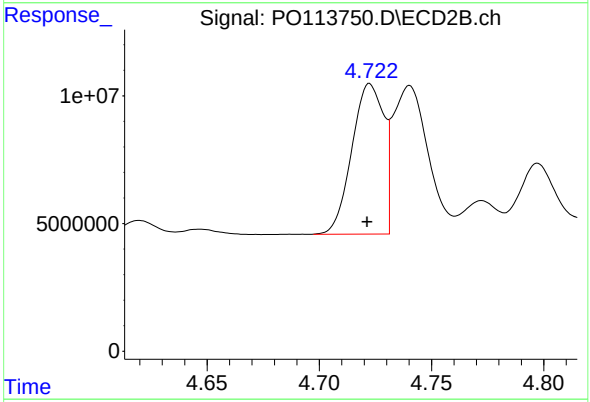
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 115528886
Conc: 55.34 ng/ml



#21 AR-1248-1

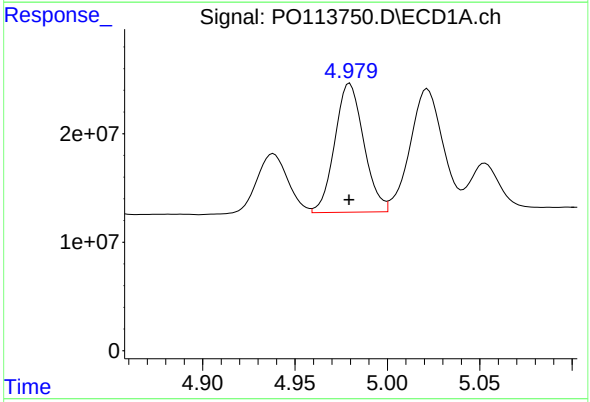
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 94445285
Conc: 523.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1248



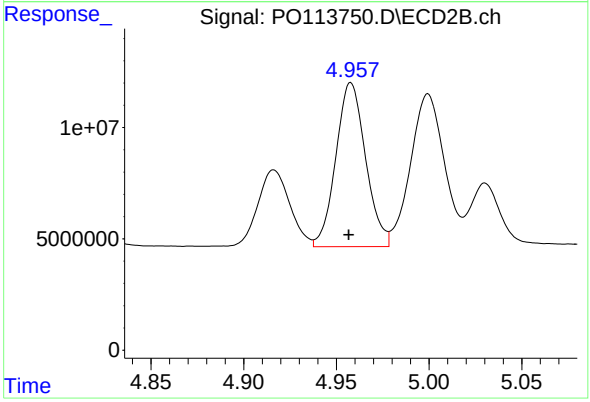
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.001 min
Response: 58206014
Conc: 532.41 ng/ml



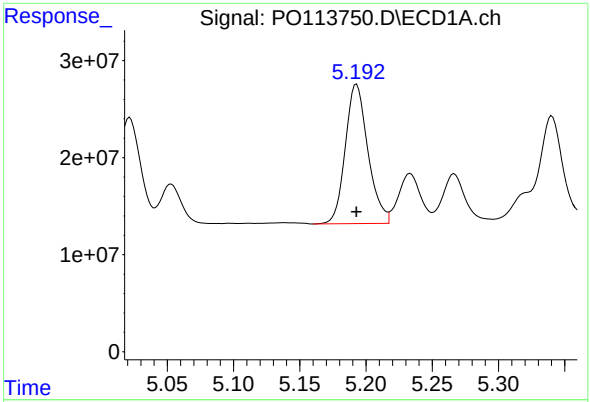
#22 AR-1248-2

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 129885856
Conc: 534.03 ng/ml



#22 AR-1248-2

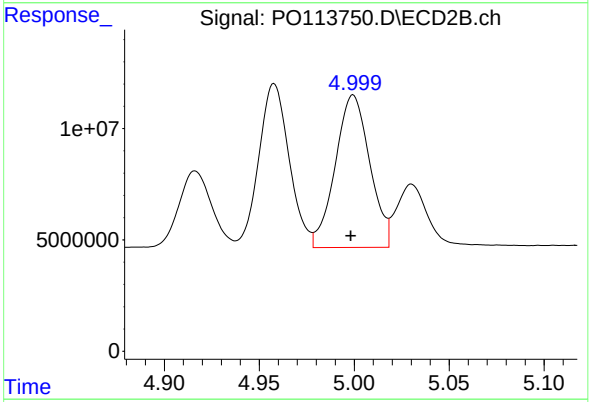
R.T.: 4.958 min
Delta R.T.: 0.001 min
Response: 82371105
Conc: 522.74 ng/ml



#23 AR-1248-3

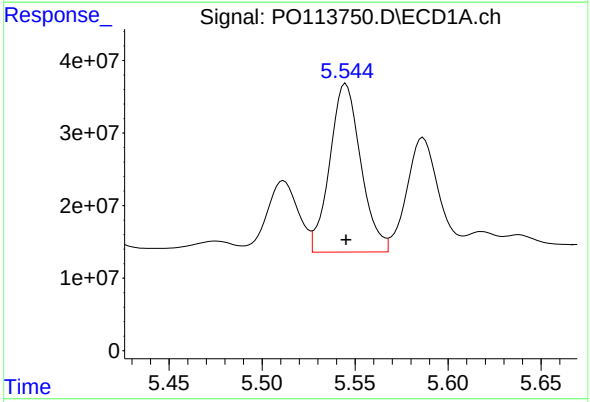
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 171187776
Conc: 527.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1248



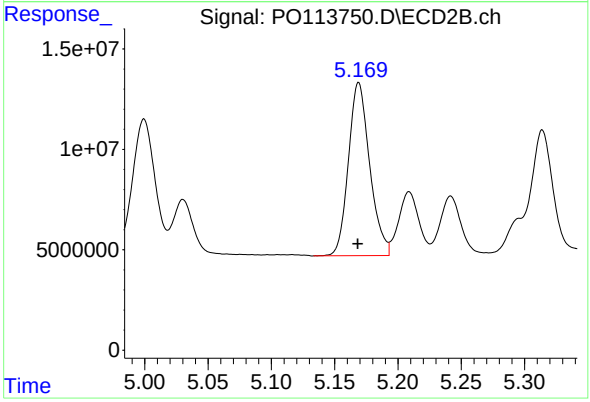
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: 0.001 min
Response: 86721195
Conc: 519.55 ng/ml



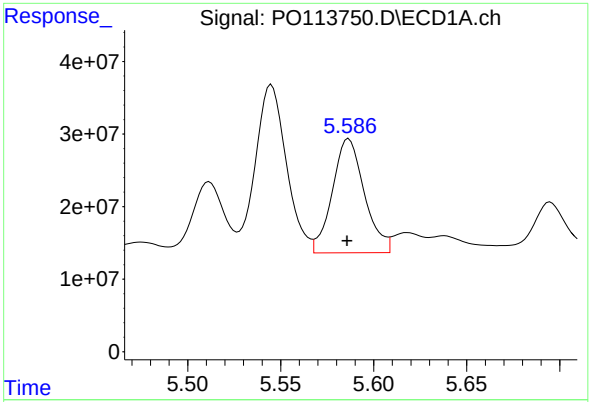
#24 AR-1248-4

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 270344507
Conc: 540.34 ng/ml



#24 AR-1248-4

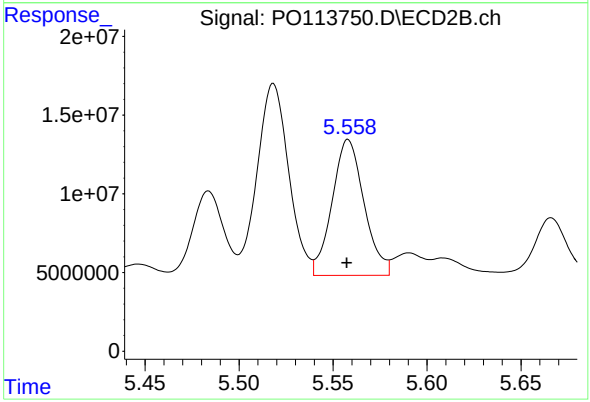
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 100924932
Conc: 519.47 ng/ml



#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 189403589
Conc: 560.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1248



#25 AR-1248-5

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 102285629
Conc: 504.42 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113751.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 22:05
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:31:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.660	3.651	440.3E6	259.3E6	49.924	48.556
2)	SA Decachlor...	8.670	8.614	371.3E6	112.9E6	55.506	54.082
	Target Compounds						
26)	L6 AR-1254-1	5.546	5.518	282.3E6	154.3E6	517.827	510.406
27)	L6 AR-1254-2	5.695	5.666	257.8E6	134.1E6	507.105	507.836
28)	L6 AR-1254-3	6.098	6.065	403.2E6	201.1E6	515.520	519.138
29)	L6 AR-1254-4	6.327	6.293	292.8E6	127.5E6	535.416	537.239
30)	L6 AR-1254-5	6.745	6.708	386.2E6	158.2E6	518.905	515.275

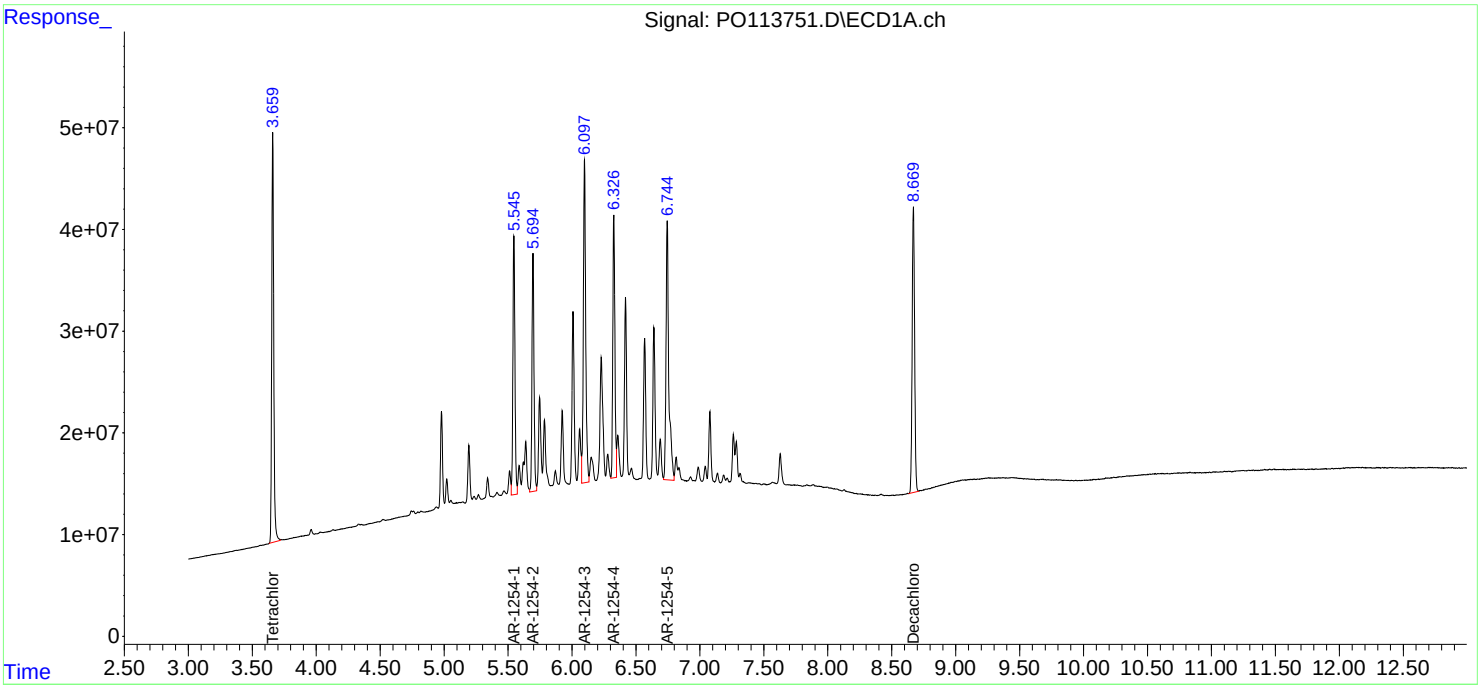
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

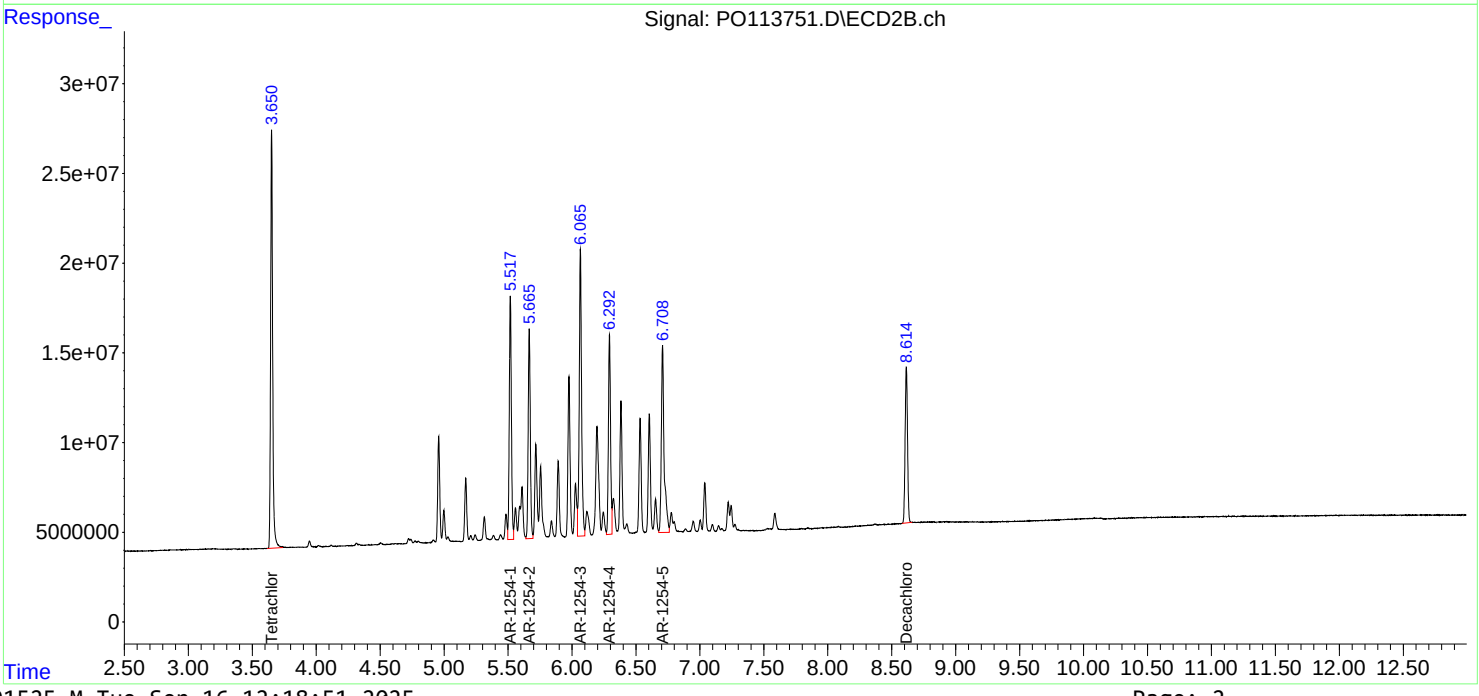
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113751.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 22:05
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

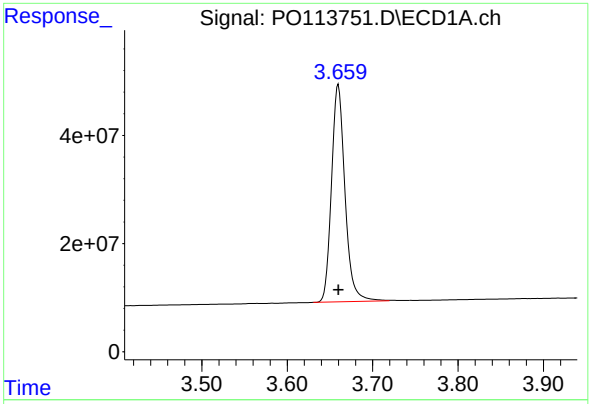
Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:31:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



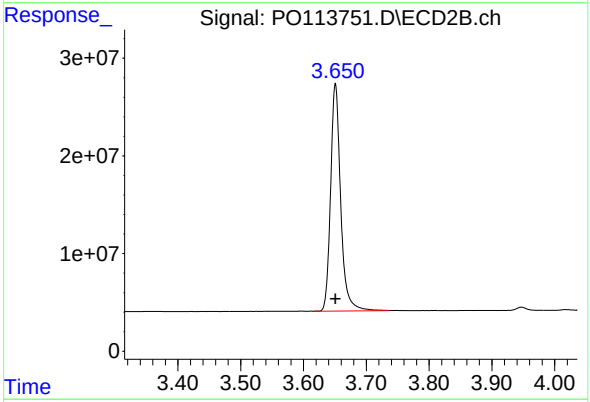




#1 Tetrachloro-m-xylene

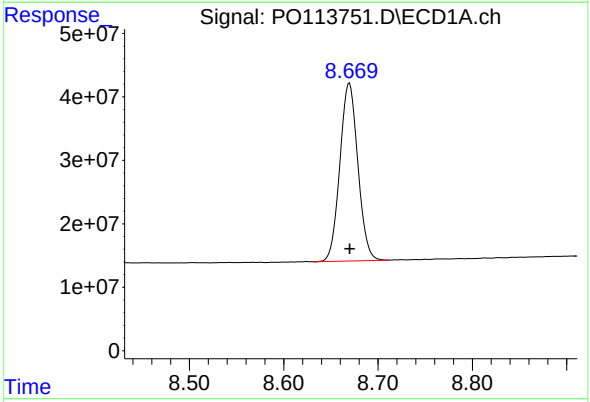
R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 440314758
Conc: 49.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1254



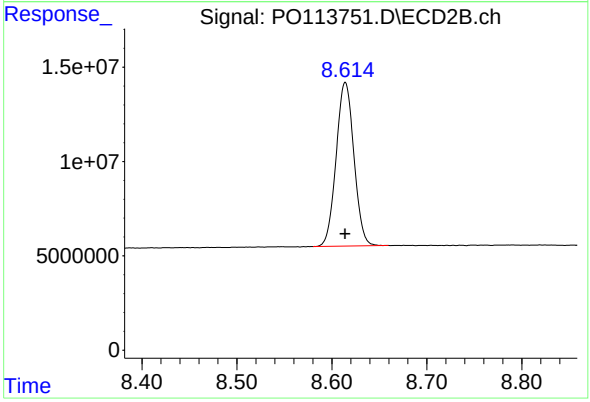
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 259340875
Conc: 48.56 ng/ml



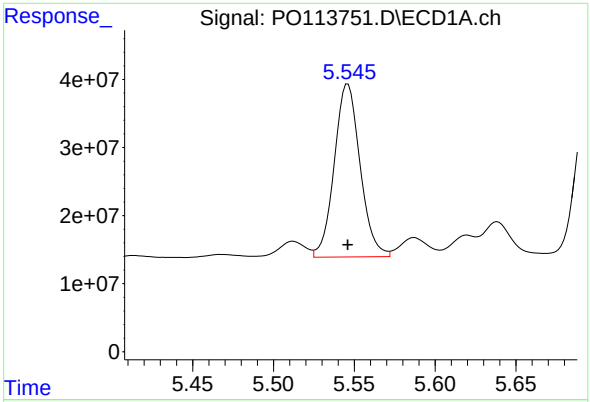
#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 371348633
Conc: 55.51 ng/ml



#2 Decachlorobiphenyl

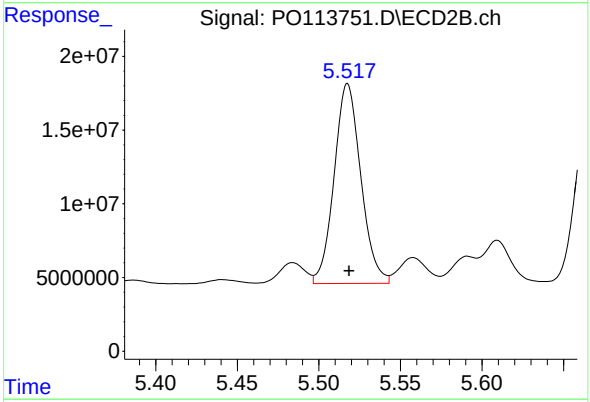
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 112910704
Conc: 54.08 ng/ml



#26 AR-1254-1

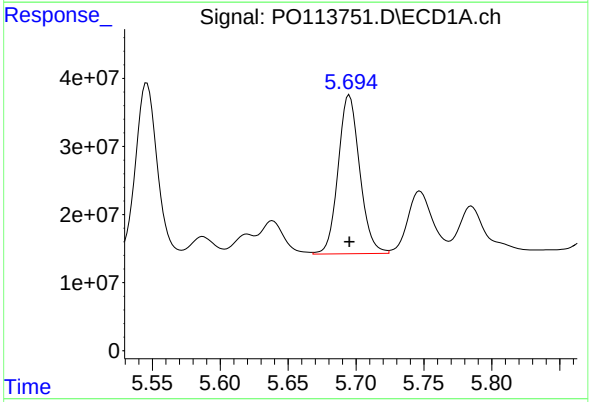
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 282329152
Conc: 517.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1254



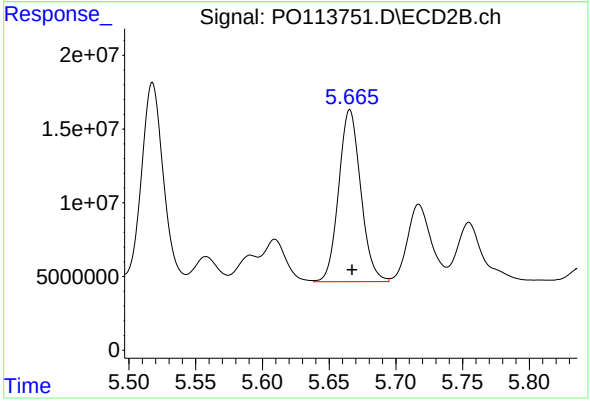
#26 AR-1254-1

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 154345748
Conc: 510.41 ng/ml



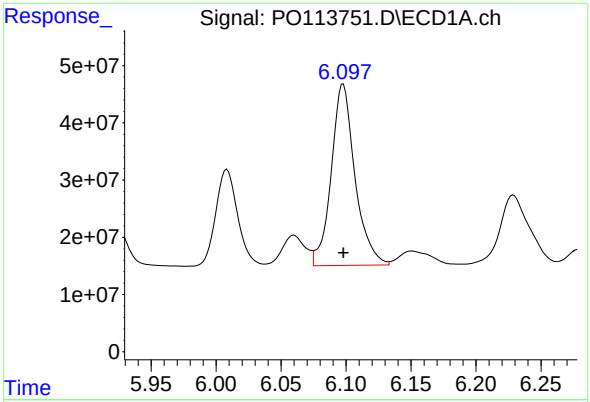
#27 AR-1254-2

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 257831804
Conc: 507.11 ng/ml



#27 AR-1254-2

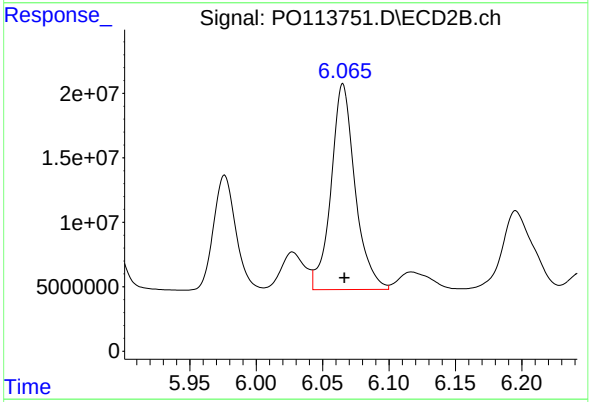
R.T.: 5.666 min
Delta R.T.: -0.002 min
Response: 134108854
Conc: 507.84 ng/ml



#28 AR-1254-3

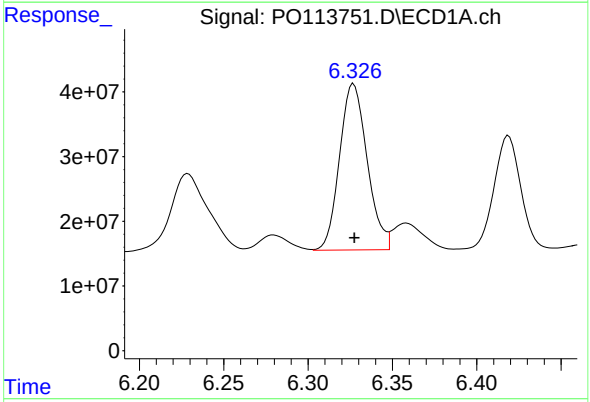
R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 403191083
Conc: 515.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1254



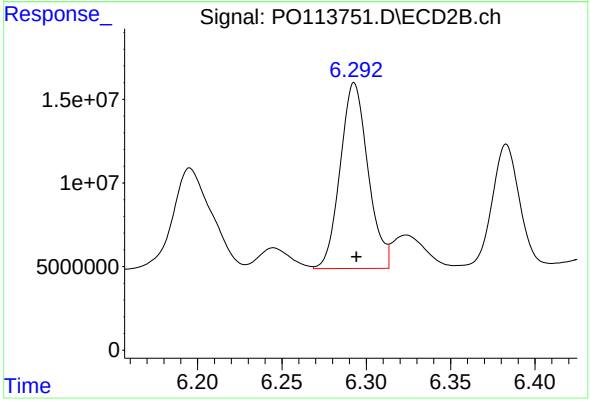
#28 AR-1254-3

R.T.: 6.065 min
Delta R.T.: -0.001 min
Response: 201071434
Conc: 519.14 ng/ml



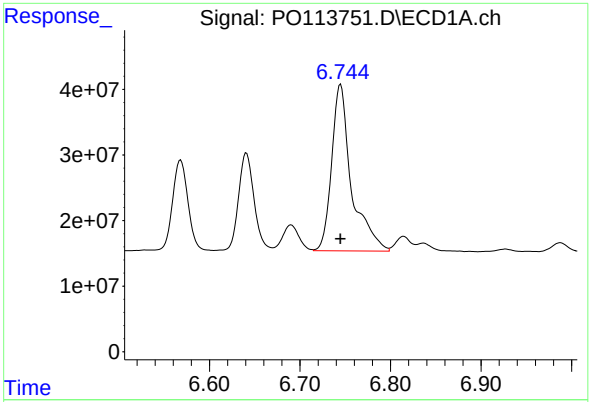
#29 AR-1254-4

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 292794312
Conc: 535.42 ng/ml



#29 AR-1254-4

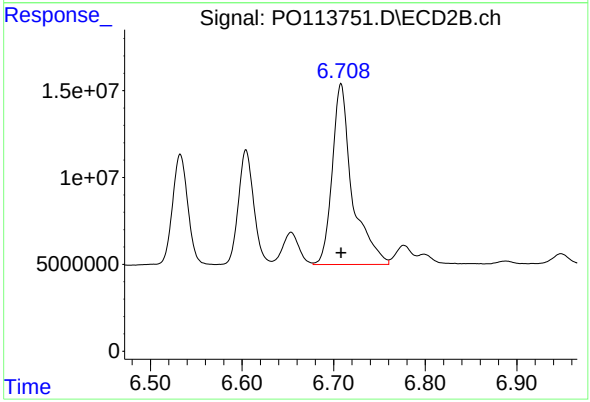
R.T.: 6.293 min
Delta R.T.: -0.001 min
Response: 127536344
Conc: 537.24 ng/ml



#30 AR-1254-5

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 386239732
Conc: 518.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1254



#30 AR-1254-5

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 158175062
Conc: 515.28 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113752.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 23:00
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:27:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.650	448.2E6	264.5E6	53.295	52.666
2)	SA Decachlor...	8.669	8.614	672.1E6	202.9E6	49.301	52.494
	Target Compounds						
41)	L9 AR-1268-1	7.567	7.526	923.5E6	251.0E6	521.490	514.235
42)	L9 AR-1268-2	7.633	7.592	782.4E6	205.3E6	525.625	515.394
43)	L9 AR-1268-3	7.837	7.794	679.1E6	165.2E6	555.335	506.291
44)	L9 AR-1268-4	8.126	8.082	256.4E6	65042500	563.782	513.027
45)	L9 AR-1268-5	8.417	8.367	1640.6E6	456.1E6	525.651	518.739

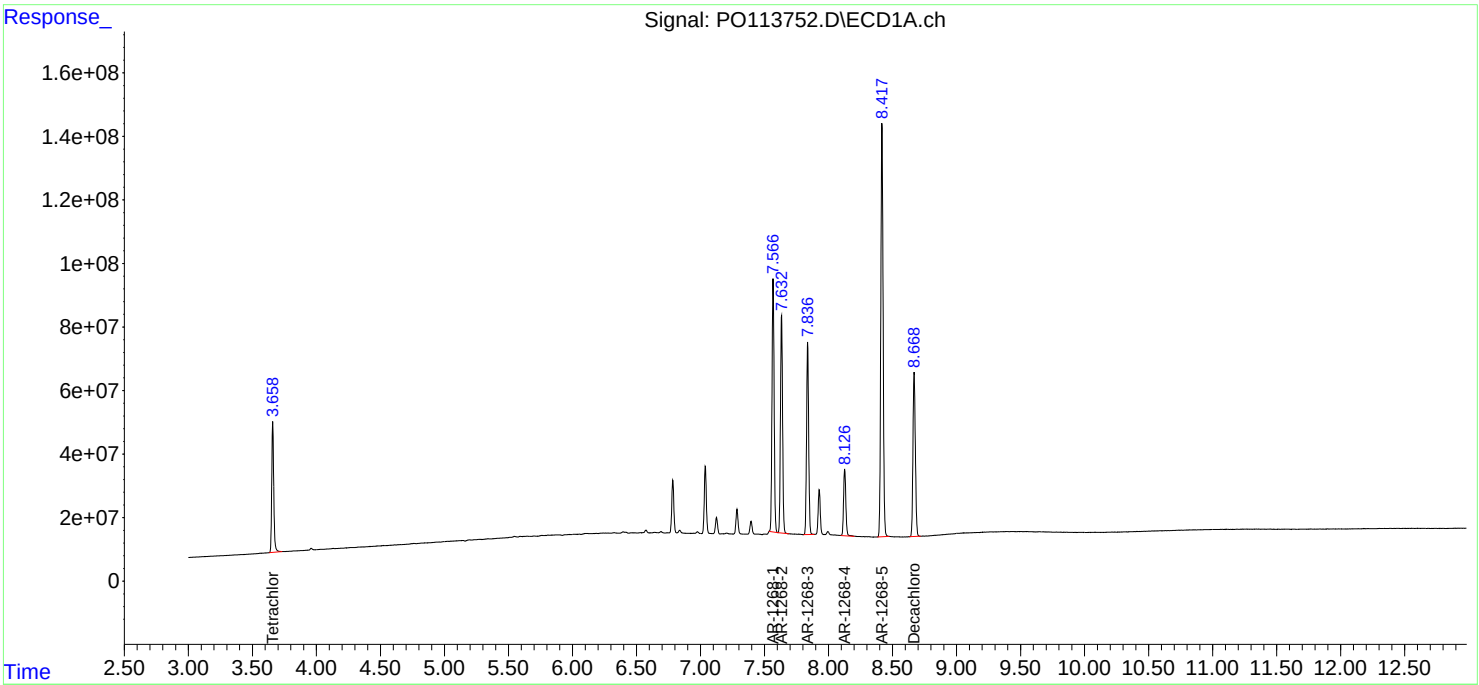
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

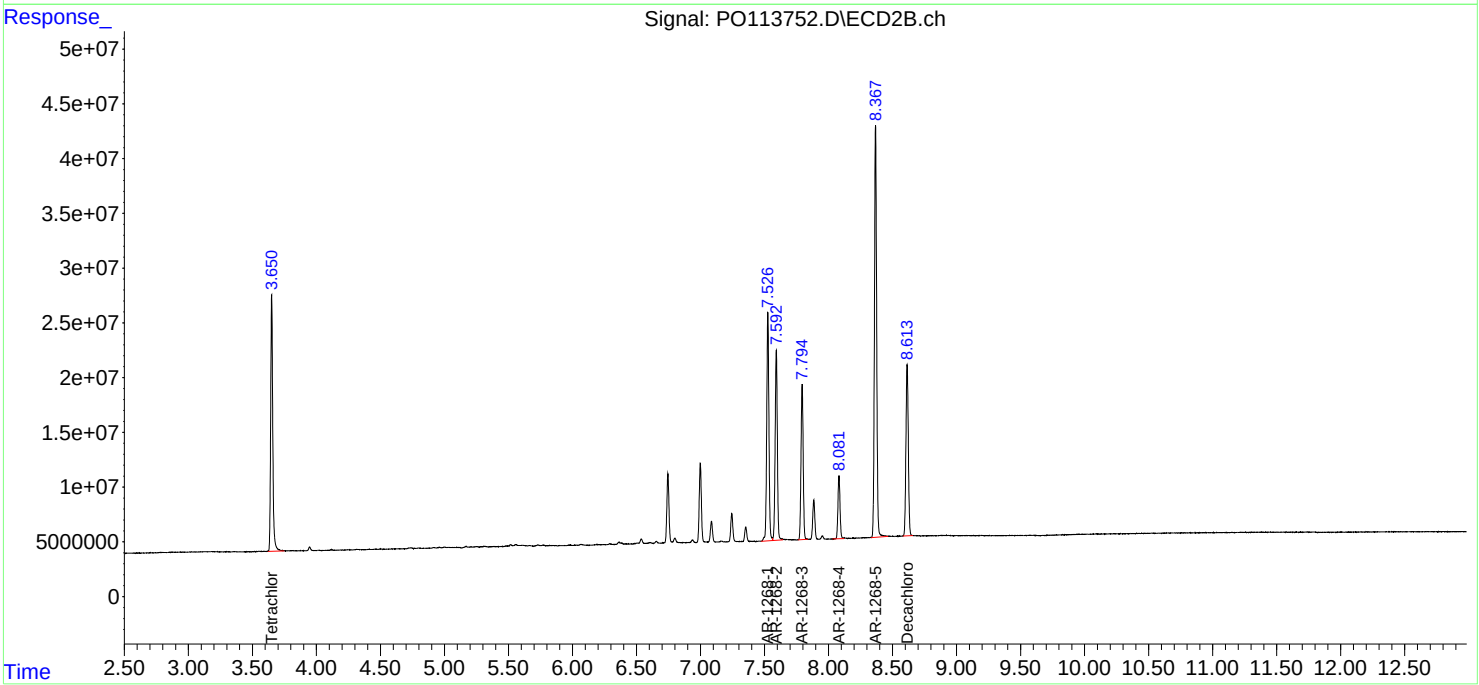
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113752.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 23:00
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

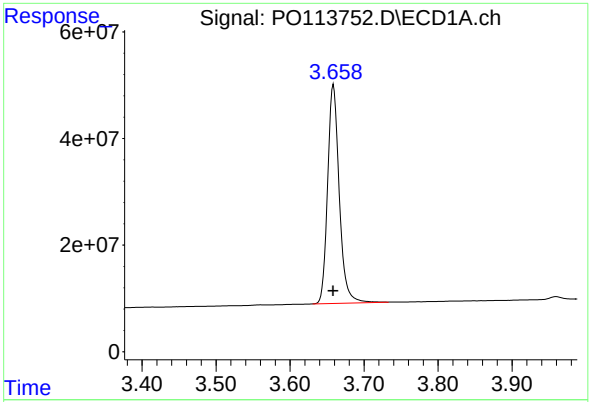
Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:27:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:01:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



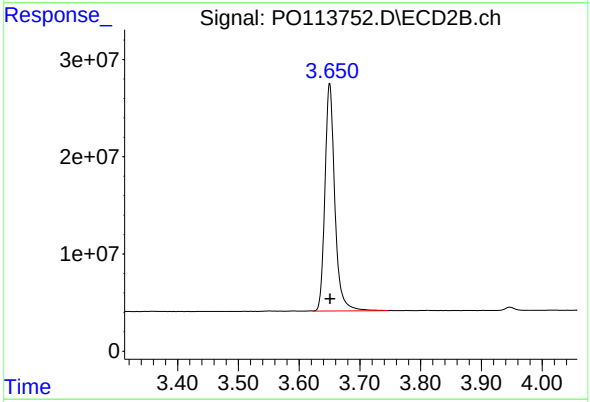




#1 Tetrachloro-m-xylene

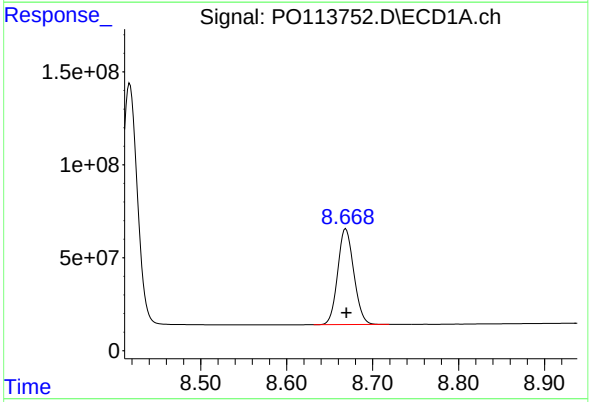
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 448243285
Conc: 53.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1268



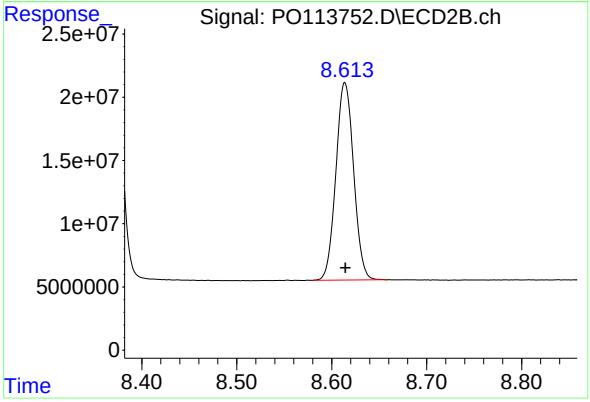
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 264540800
Conc: 52.67 ng/ml



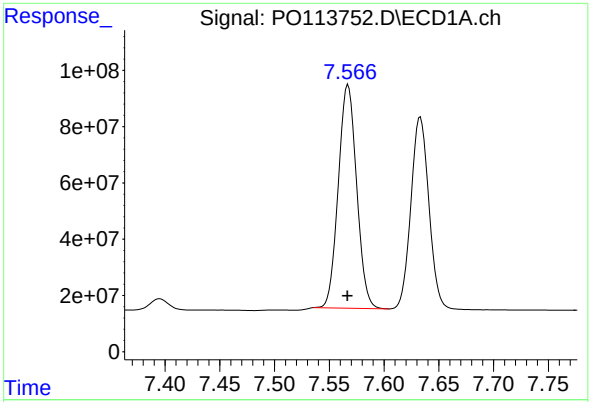
#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 672073904
Conc: 49.30 ng/ml



#2 Decachlorobiphenyl

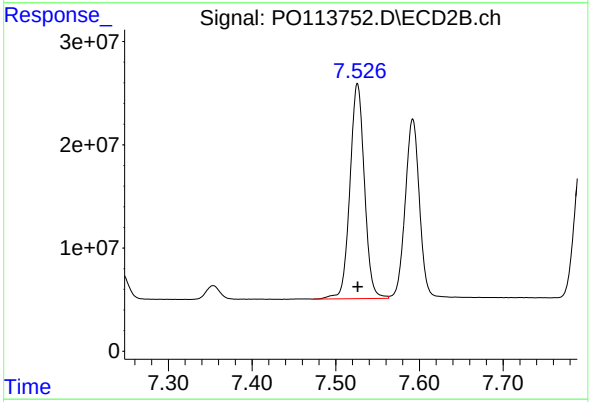
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 202900356
Conc: 52.49 ng/ml



#41 AR-1268-1

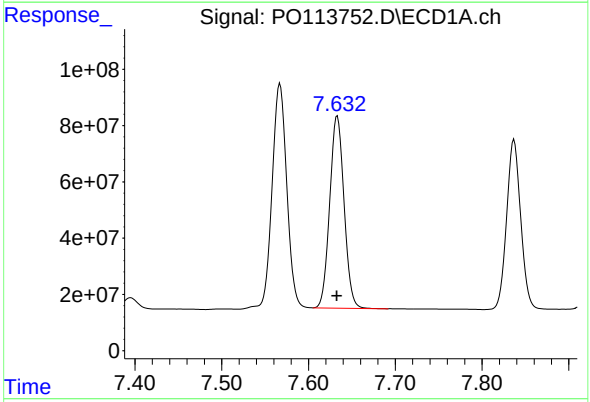
R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 923453549
Conc: 521.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1268



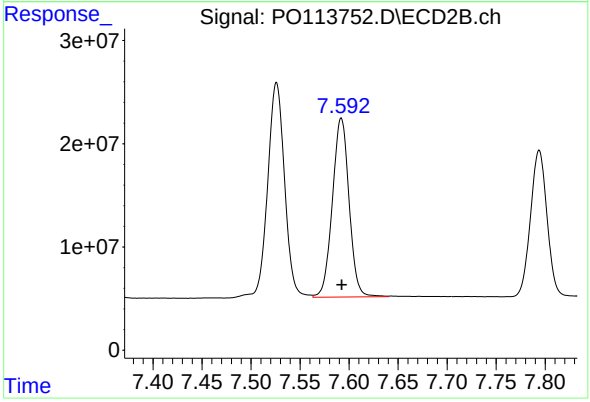
#41 AR-1268-1

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 251016504
Conc: 514.24 ng/ml



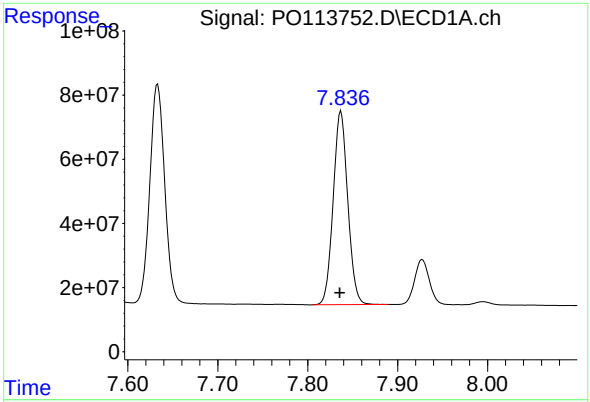
#42 AR-1268-2

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 782431616
Conc: 525.63 ng/ml



#42 AR-1268-2

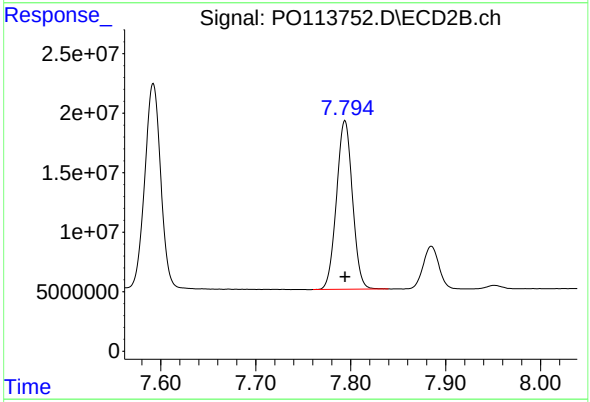
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 205319137
Conc: 515.39 ng/ml



#43 AR-1268-3

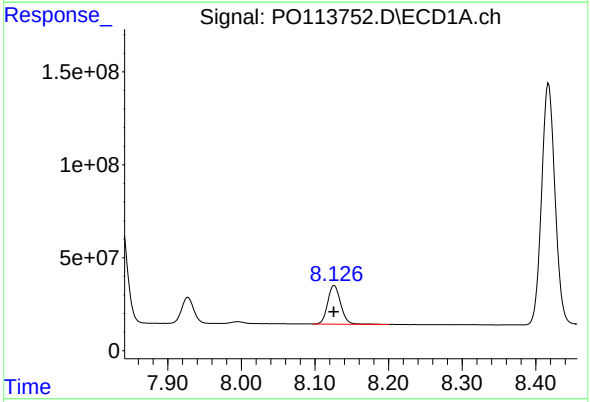
R.T.: 7.837 min
Delta R.T.: 0.001 min
Response: 679054771
Conc: 555.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1268



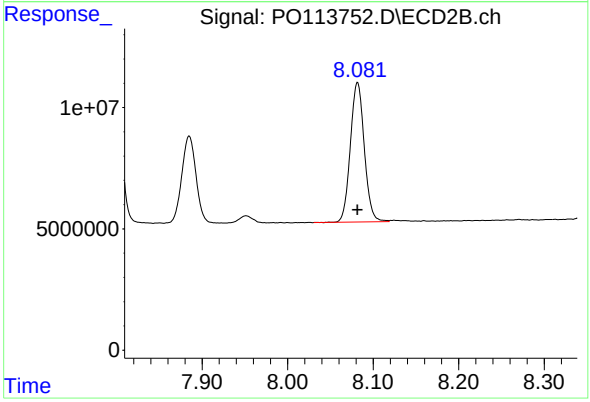
#43 AR-1268-3

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 165227494
Conc: 506.29 ng/ml



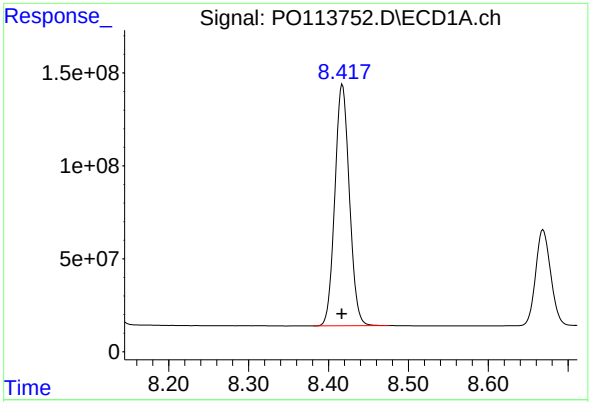
#44 AR-1268-4

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 256399490
Conc: 563.78 ng/ml



#44 AR-1268-4

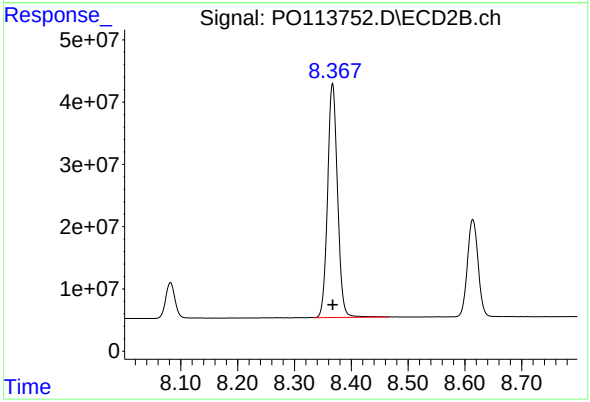
R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 65042500
Conc: 513.03 ng/ml



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 1640560561
Conc: 525.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO091525AR1268



#45 AR-1268-5

R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 456085296
Conc: 518.74 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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_P **Calibration Date(s):** 09/23/2025 09/23/2025

Calibration Times: 08:45 17:14

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

LAB FILE ID: RT 1000 = PP075247.D RT 750 = PP075248.D

RT 500 = PP075249.D RT 250 = PP075250.D RT 050 = PP075251.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.81	5.81	5.81	5.81	5.82	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.83	5.83	5.83	5.83	5.84	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.89	5.90	5.89	5.89	5.90	5.89	5.79	5.99
Aroclor-1016-4	(4)	5.99	5.99	5.99	5.99	6.00	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.28	6.29	6.28	6.28	6.29	6.28	6.18	6.38
Aroclor-1260-1	(1)	7.40	7.40	7.40	7.40	7.41	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.65	7.66	7.65	7.65	7.66	7.65	7.55	7.75
Aroclor-1260-3	(3)	8.01	8.01	8.01	8.01	8.02	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.25	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.56	8.57	8.56	8.56	8.57	8.57	8.47	8.67
Decachlorobiphenyl		10.43	10.44	10.43	10.43	10.45	10.44	10.34	10.54
Tetrachloro-m-xylene		4.65	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.90	5.89	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1242-4	(4)	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1248-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1248-2	(2)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1248-3	(3)	6.28	6.28	6.29	6.28	6.28	6.28	6.18	6.38
Aroclor-1248-4	(4)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1248-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.43	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.88	6.88	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.24	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.94	7.93	7.94	7.94	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.43	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1268-1	(1)	8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Aroclor-1268-2	(2)	8.99	8.99	8.99	8.98	8.98	8.99	8.89	9.09
Aroclor-1268-3	(3)	9.23	9.23	9.23	9.23	9.22	9.23	9.13	9.33
Aroclor-1268-4	(4)	9.66	9.66	9.66	9.65	9.65	9.65	9.55	9.75
Aroclor-1268-5	(5)	10.09	10.09	10.09	10.09	10.08	10.09	9.99	10.19

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_P **Calibration Date(s):** 09/23/2025 09/23/2025

Calibration Times: 08:45 17:14

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

LAB FILE ID: RT 1000 = PP075247.D RT 750 = PP075248.D

RT 500 = PP075249.D RT 250 = PP075250.D RT 050 = PP075251.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.90	4.89	4.89	4.89	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-3	(3)	5.07	5.07	5.07	5.07	5.07	5.07	4.97	5.17
Aroclor-1016-4	(4)	5.11	5.11	5.11	5.11	5.12	5.11	5.01	5.21
Aroclor-1016-5	(5)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1260-1	(1)	6.36	6.36	6.36	6.35	6.36	6.36	6.26	6.46
Aroclor-1260-2	(2)	6.54	6.54	6.54	6.54	6.55	6.54	6.44	6.64
Aroclor-1260-3	(3)	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
Aroclor-1260-4	(4)	7.17	7.17	7.17	7.16	7.17	7.17	7.07	7.27
Aroclor-1260-5	(5)	7.41	7.40	7.40	7.40	7.41	7.41	7.31	7.51
Decachlorobiphenyl		8.81	8.80	8.80	8.80	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.89	4.89	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.95	4.96	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-3	(3)	5.07	5.07	5.07	5.07	5.08	5.07	4.97	5.17
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.15	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Decachlorobiphenyl		8.81	8.81	8.81	8.81	8.80	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1248-1	(1)	4.89	4.90	4.89	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.11	5.12	5.11	5.12	5.11	5.11	5.01	5.21
Aroclor-1248-3	(3)	5.15	5.16	5.15	5.16	5.15	5.16	5.06	5.26
Aroclor-1248-4	(4)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1248-5	(5)	5.72	5.72	5.71	5.72	5.73	5.72	5.62	5.82
Decachlorobiphenyl		8.80	8.81	8.80	8.81	8.80	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1254-3	(3)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1254-4	(4)	6.45	6.45	6.46	6.45	6.45	6.45	6.35	6.55
Aroclor-1254-5	(5)	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Decachlorobiphenyl		8.81	8.81	8.81	8.81	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1	(1)	7.69	7.69	7.69	7.69	7.69	7.69	7.59	7.79
Aroclor-1268-2	(2)	7.75	7.75	7.75	7.75	7.75	7.75	7.65	7.85
Aroclor-1268-3	(3)	7.96	7.96	7.96	7.96	7.96	7.96	7.86	8.06
Aroclor-1268-4	(4)	8.25	8.25	8.25	8.25	8.25	8.25	8.15	8.35
Aroclor-1268-5	(5)	8.55	8.55	8.55	8.54	8.54	8.54	8.44	8.64

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.81	8.81	8.81	8.80	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_P **Calibration Date(s):** 09/23/2025 09/23/2025

Calibration Times: 08:45 17:14

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

LAB FILE ID: CF 1000 = PP075247.D CF 750 = PP075248.D

CF 500 = PP075249.D CF 250 = PP075250.D CF 050 = PP075251.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	42347817	45007967	46870170	50153844	56144100	48104780	11
Aroclor-1016-2	(2)	64402738	67720917	69660408	74265036	82593880	71728596	10
Aroclor-1016-3	(3)	39431965	41872236	43807668	47351972	60190040	46530776	18
Aroclor-1016-4	(4)	32893250	34833364	35556514	38336304	36563880	35636662	6
Aroclor-1016-5	(5)	31586228	33455985	34268374	37039376	32256580	33721309	6
Aroclor-1260-1	(1)	52823399	56388379	60551008	64105520	66729180	60119497	9
Aroclor-1260-2	(2)	63303692	67485644	69648556	75704048	87848060	72798000	13
Aroclor-1260-3	(3)	48177125	50964003	52841238	56234364	62508960	54145138	10
Aroclor-1260-4	(4)	52102929	55158468	56921418	59245152	59257840	56537161	5
Aroclor-1260-5	(5)	102126116	107524053	110369268	115809508	113212520	109808293	5
Decachlorobiphenyl		920246130	962712813	986576680	1032362440	1085842800	997548173	6
Tetrachloro-m-xylene		1241637260	1308534467	1312330580	1382545720	1297359400	1308481485	4
Aroclor-1242-1	(1)	36886529	39218005	41223848	44446876	46523260	41659704	9
Aroclor-1242-2	(2)	55040068	57977600	60249464	64089044	60830740	59637383	6
Aroclor-1242-3	(3)	34279044	36622237	38652038	41896284	50681480	40426217	16
Aroclor-1242-4	(4)	28461551	29972721	31322910	33558448	33854640	31434054	7
Aroclor-1242-5	(5)	31568865	33442463	35656256	39523980	35586800	35155673	8
Decachlorobiphenyl		926627030	968517160	1003394580	1047152200	937997000	976737594	5
Tetrachloro-m-xylene		1236238500	1295575613	1320312660	1382228640	1251655600	1297202203	4
Aroclor-1248-1	(1)	29172565	31397577	32249970	33755340	31223340	31559758	5
Aroclor-1248-2	(2)	39359802	41783284	43459792	45079104	47158200	43368036	7
Aroclor-1248-3	(3)	44196144	46704360	48478236	50173996	49240700	47758687	5
Aroclor-1248-4	(4)	53562132	56623921	59266248	61341900	64765060	59111852	7
Aroclor-1248-5	(5)	51867384	54812452	57671502	61547912	69597980	59099446	12
Decachlorobiphenyl		936214370	980173387	1009425800	1018487400	982414600	985343111	3
Tetrachloro-m-xylene		1235222620	1285172653	1318552840	1328682760	1313272800	1296180735	3
Aroclor-1254-1	(1)	61475917	62734304	65986682	62998532	67924500	64223987	4
Aroclor-1254-2	(2)	77552440	82328021	86739650	88146820	94902000	85933786	8
Aroclor-1254-3	(3)	82845377	87949261	92224268	94074964	105017660	92422306	9
Aroclor-1254-4	(4)	64880438	68693089	72666206	72469616	78036900	71349250	7
Aroclor-1254-5	(5)	77310574	81941501	85874638	85948608	77961320	81807328	5
Decachlorobiphenyl		940196120	995283773	1040085460	1002732880	956220600	986903767	4
Tetrachloro-m-xylene		1243265480	1304021133	1335815700	1326930840	1339353000	1309877231	3
Aroclor-1268-1	(1)	152883178	159692704	169160672	171922300	156133040	161958379	5

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	141133811	146979519	155825750	156513748	141348060	148360178	5
Aroclor-1268-3	(3)	118887581	123478560	131058116	130049472	116969640	124088674	5
Aroclor-1268-4	(4)	55874289	58464284	61978114	60989252	60829860	59627160	4
Aroclor-1268-5	(5)	373677572	388367939	407123198	405183456	366620440	388194521	5
Decachlorobiphenyl		1657406580	1735675800	1838831580	1851125440	1610932200	1738794320	6
Tetrachloro-m-xylene		1279137450	1334222493	1390576680	1375184440	1232599000	1322344013	5

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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_P **Calibration Date(s):** 09/23/2025 09/23/2025

Calibration Times: 08:45 17:14

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

LAB FILE ID: **CF 1000 =** PP075247.D **CF 750 =** PP075248.D

CF 500 = PP075249.D **CF 250 =** PP075250.D **CF 050 =** PP075251.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	550669557	575041595	570968608	557638892	550748680	561013466	2
Aroclor-1016-2	(2)	253692272	266987116	261503738	252594292	250233300	257002144	3
Aroclor-1016-3	(3)	139883237	146298759	147016140	140568364	202575320	155268364	17
Aroclor-1016-4	(4)	139175266	149989423	152767546	146969012	145938660	146967981	3
Aroclor-1016-5	(5)	157135257	166127832	167159970	171673236	154814600	163382179	4
Aroclor-1260-1	(1)	389924896	398807288	400126940	426602072	414215600	405935359	4
Aroclor-1260-2	(2)	565343775	583502056	582903442	580470456	566929720	575829890	2
Aroclor-1260-3	(3)	422351862	433041807	427033404	426203564	431794540	428085035	1
Aroclor-1260-4	(4)	428778820	432299260	434882920	423190072	436968900	431223994	1
Aroclor-1260-5	(5)	1056009939	1104491933	1106785704	1094138908	898515660	1051988429	8
Decachlorobiphenyl		6122260390	6260409867	6205942400	6354732320	5219165200	6032502035	8
Tetrachloro-m-xylene		6636388100	6400989987	6258078260	6278037480	4930931000	6100884965	11
Aroclor-1242-1	(1)	472236904	485846165	486239260	487321948	403955360	467119927	8
Aroclor-1242-2	(2)	217510086	216447451	216513930	219383960	174933800	208957845	9
Aroclor-1242-3	(3)	123250580	122980740	121647250	125144732	116794760	121963612	3
Aroclor-1242-4	(4)	159270704	162580923	163635768	175639772	134330060	159091445	10
Aroclor-1242-5	(5)	192075351	196719551	194226854	201700156	188695940	194683570	3
Decachlorobiphenyl		6210283890	6223405693	6336701840	6098511680	5039253200	5981631261	9
Tetrachloro-m-xylene		6371057840	6261042827	6076223420	6032393800	4834060000	5914955577	10
Aroclor-1248-1	(1)	313001525	314287516	316712298	313219832	245110400	300466314	10
Aroclor-1248-2	(2)	194621063	204942157	200519274	206042640	206270120	202479051	2
Aroclor-1248-3	(3)	238833016	244338553	263622092	258775616	243161480	249746151	4
Aroclor-1248-4	(4)	233390044	236006324	231247510	230022068	233051700	232743529	1
Aroclor-1248-5	(5)	417516536	433645501	453462226	437040196	301192600	408571412	15
Decachlorobiphenyl		6280619880	6334319187	6392002300	6030990520	5377561400	6083098657	7
Tetrachloro-m-xylene		6342135760	6351132560	6173502940	5553544360	4399164000	5763895924	14
Aroclor-1254-1	(1)	503004292	535011767	531987056	521951800	402057780	498802539	11
Aroclor-1254-2	(2)	378219544	403583375	399300676	392234176	422583680	399184290	4
Aroclor-1254-3	(3)	715208754	722755991	718569236	662347256	504737840	664723815	14
Aroclor-1254-4	(4)	505627774	538597859	544931308	492275784	386803020	493647149	13
Aroclor-1254-5	(5)	551845651	631515513	645579268	578311224	446211920	570692715	14
Decachlorobiphenyl		6237706050	6279124973	6507474640	6157241280	5410407600	6118390909	7
Tetrachloro-m-xylene		6240840860	6469002347	6413333980	5502278160	4576318000	5840354669	14
Aroclor-1268-1	(1)	1460168699	1513699808	1559348234	1460709316	1219243940	1442633999	9

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1471677824	1500245056	1520481630	1382554016	1099105140	1394812733	12
Aroclor-1268-3	(3)	1142468076	1153335345	1195510260	1093929288	869367940	1090922182	12
Aroclor-1268-4	(4)	470517486	472924412	482908940	460922856	362513880	449957515	11
Aroclor-1268-5	(5)	3043336629	3184766664	3278330982	3285110680	2399968480	3038302687	12
Decachlorobiphenyl		12094690940	12187875973	12233092380	12124440600	9791304400	11686280859	9
Tetrachloro-m-xylene		6567329620	6628773733	6640722000	6057317560	4103278800	5999484343	18

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_P **Date(s) Analyzed:** 09/23/2025 09/23/2025

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	4.86	4.76	4.96	18490700
		2	4.95	4.85	5.05	13697900
		3	5.02	4.92	5.12	41397800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	32115600
		2	5.54	5.44	5.64	16774900
		3	5.83	5.73	5.93	33440800
		4	5.99	5.89	6.09	17299100
		5	6.08	5.98	6.18	12004400
Aroclor-1262	500	1	8.24	8.14	8.34	75955200
		2	8.57	8.47	8.67	135361000
		3	8.90	8.80	9.00	93451000
		4	8.98	8.88	9.08	72237200
		5	9.66	9.56	9.76	52135400

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Instrument ID: ECD_P **Date(s) Analyzed:** 09/23/2025 09/23/2025

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	4.01	3.91	4.11	76477600
		2	4.09	3.99	4.19	52263200
		3	4.17	4.07	4.27	190406000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.17	4.07	4.27	146566000
		2	4.89	4.79	4.99	252198000
		3	5.07	4.97	5.17	63015000
		4	5.15	5.05	5.25	103164000
		5	5.33	5.23	5.43	64046600
Aroclor-1262	500	1	6.91	6.81	7.01	791116000
		2	7.17	7.07	7.27	552368000
		3	7.69	7.59	7.79	499974000
		4	7.75	7.65	7.85	908084000
		5	8.25	8.15	8.35	429906000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 08:45
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:10:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.654	3.798	124.2E6	663.6E6	97.232	102.934
2)	SA Decachlor...	10.434	8.805	92024613	612.2E6	96.521	99.321
	Target Compounds						
3)	L1 AR-1016-1	5.806	4.895	42347817	550.7E6	949.311	981.902
4)	L1 AR-1016-2	5.828	4.954	64402738	253.7E6	960.782	984.838
5)	L1 AR-1016-3	5.890	5.073	39431965	139.9E6	947.432	975.138
6)	L1 AR-1016-4	5.988	5.114	32893250	139.2E6	961.092	953.442
7)	L1 AR-1016-5	6.280	5.328	31586228	157.1E6	959.272	969.088
31)	L7 AR-1260-1	7.397	6.356	52823399	389.9E6	931.840	987.087
32)	L7 AR-1260-2	7.650	6.543	63303692	565.3E6	952.277	984.707
33)	L7 AR-1260-3	8.009	6.696	48177125	422.4E6	953.829	994.488
34)	L7 AR-1260-4	8.236	7.166	52102929	428.8E6	955.804	992.932
35)	L7 AR-1260-5	8.562	7.406	102.1E6	1056.0E6	961.208	976.523

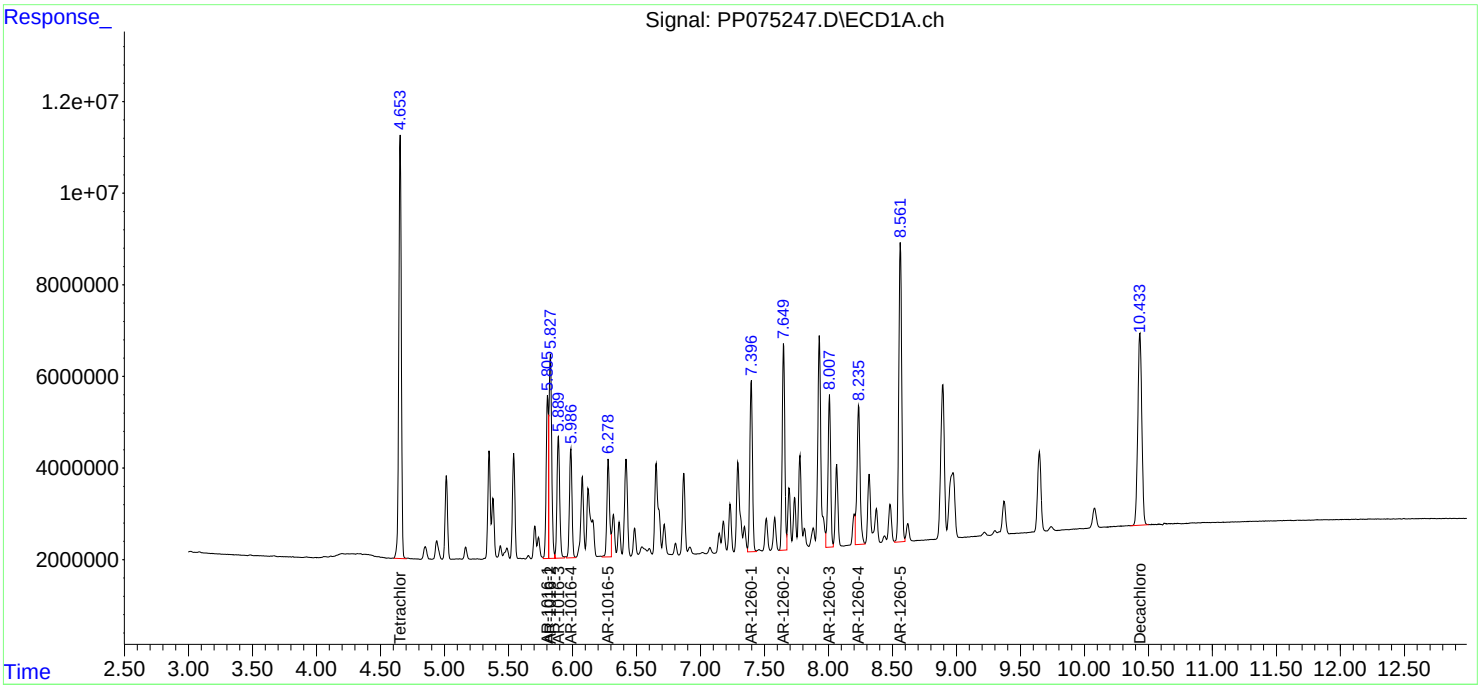
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

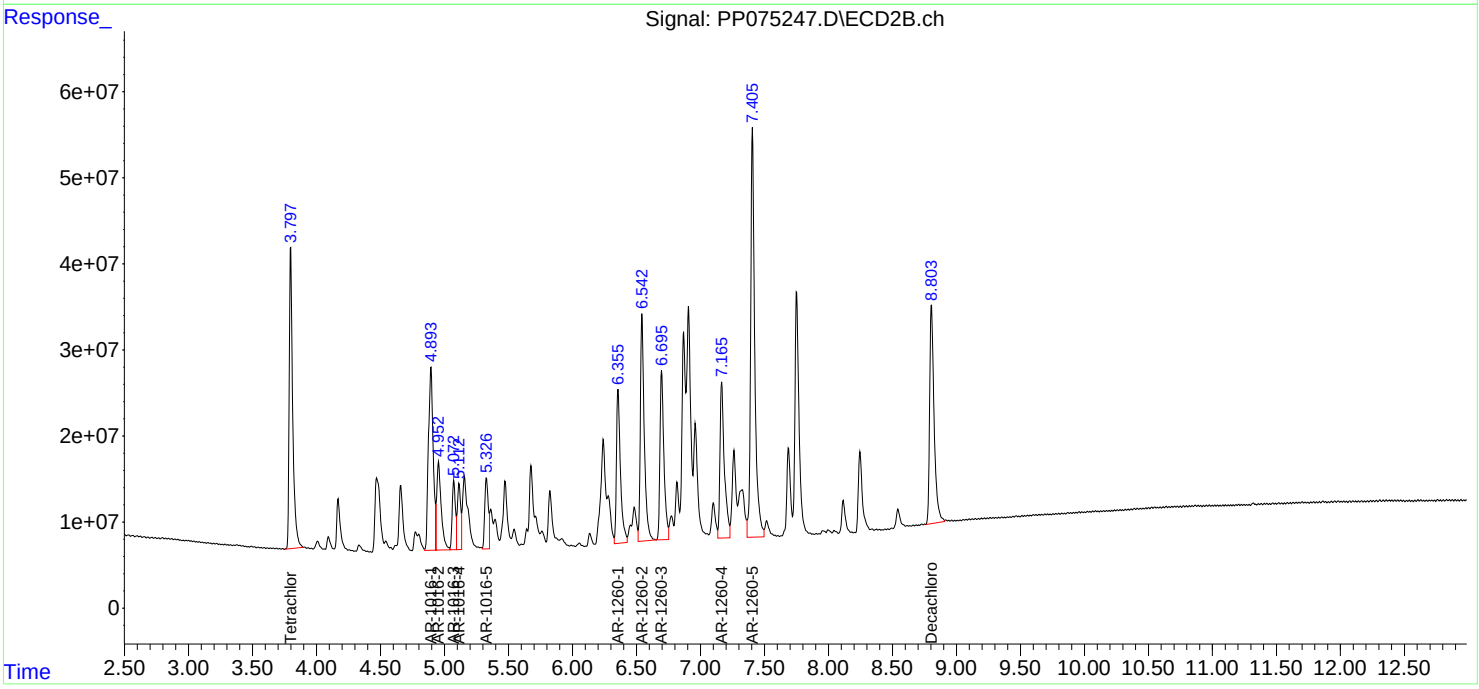
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 08:45
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

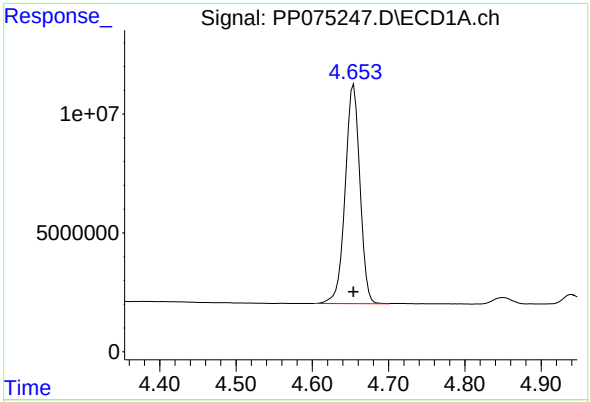
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:10:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



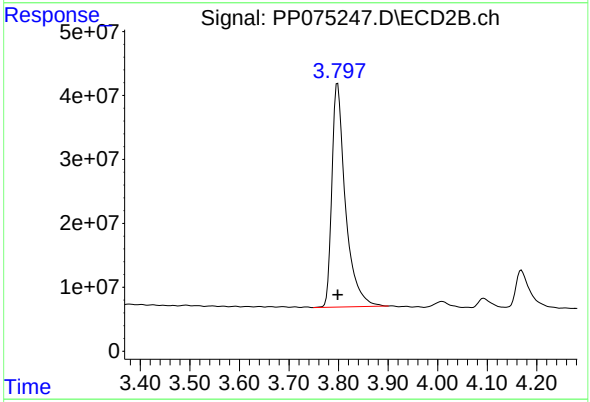




#1 Tetrachloro-m-xylene

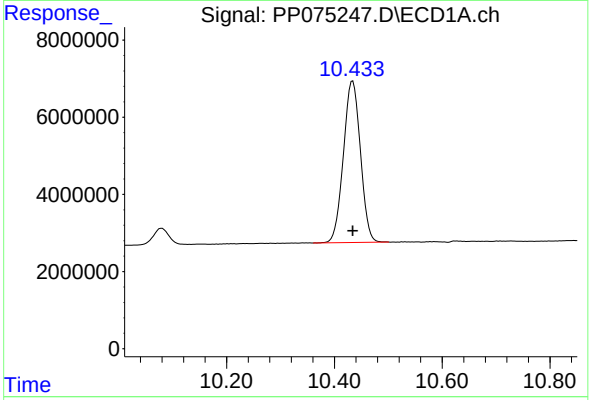
R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 124163726
Conc: 97.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



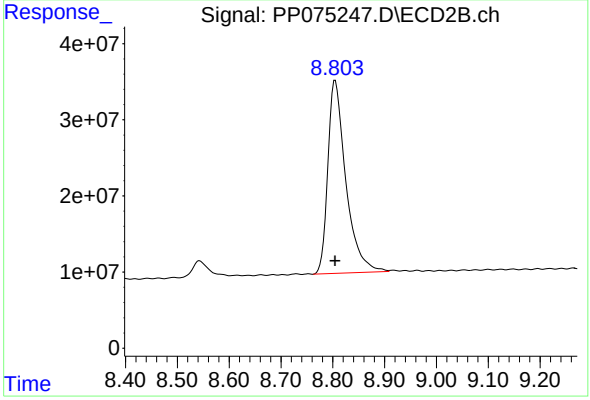
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 663638810
Conc: 102.93 ng/ml



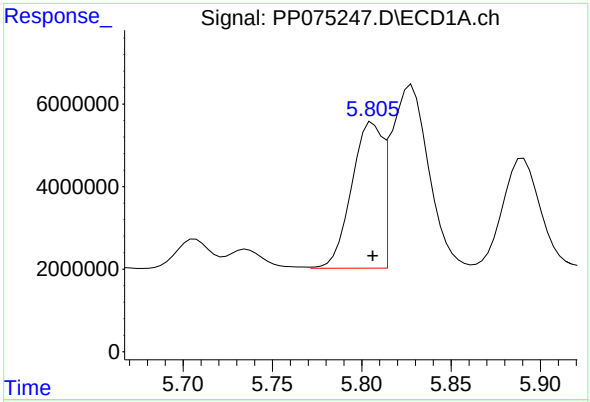
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 92024613
Conc: 96.52 ng/ml



#2 Decachlorobiphenyl

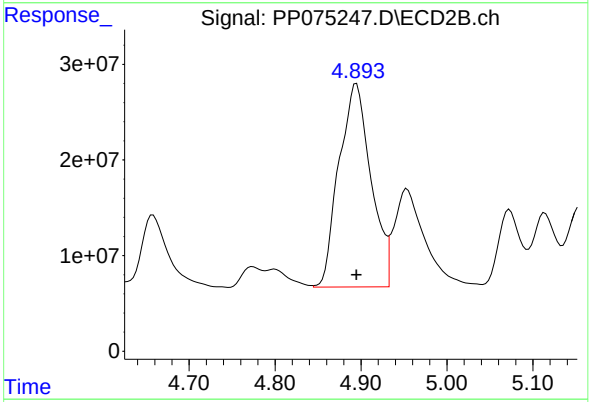
R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 612226039
Conc: 99.32 ng/ml



#3 AR-1016-1

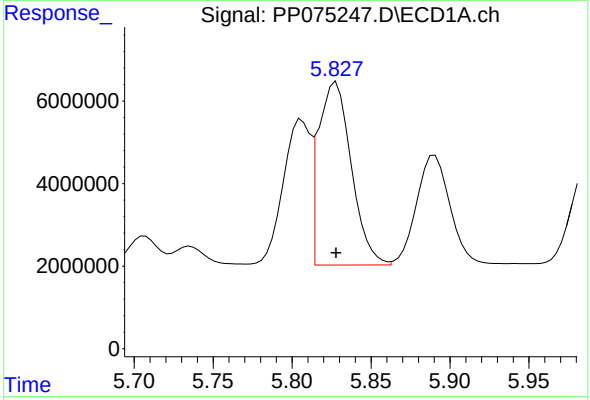
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 42347817
Conc: 949.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



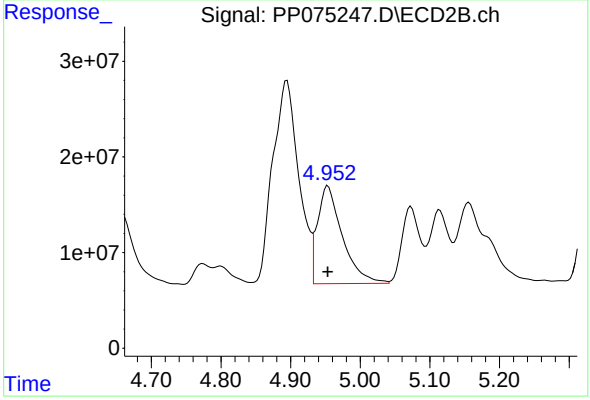
#3 AR-1016-1

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 550669557
Conc: 981.90 ng/ml



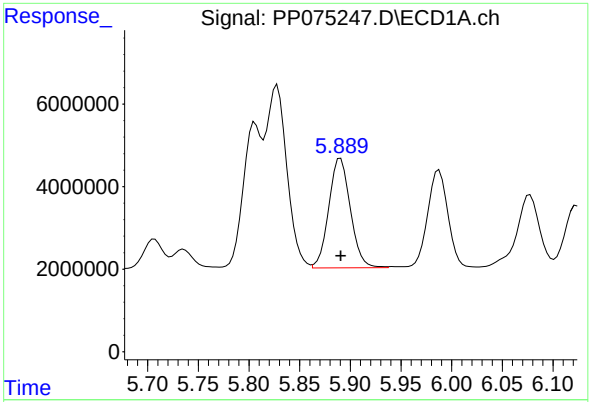
#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 64402738
Conc: 960.78 ng/ml



#4 AR-1016-2

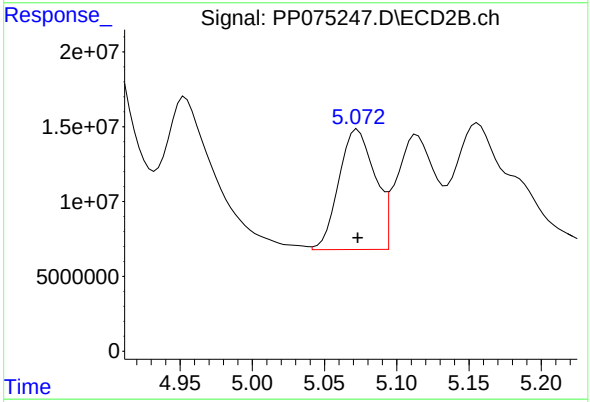
R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 253692272
Conc: 984.84 ng/ml



#5 AR-1016-3

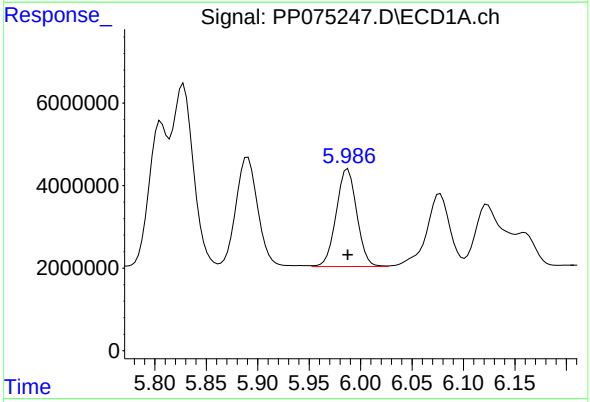
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 39431965
Conc: 947.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



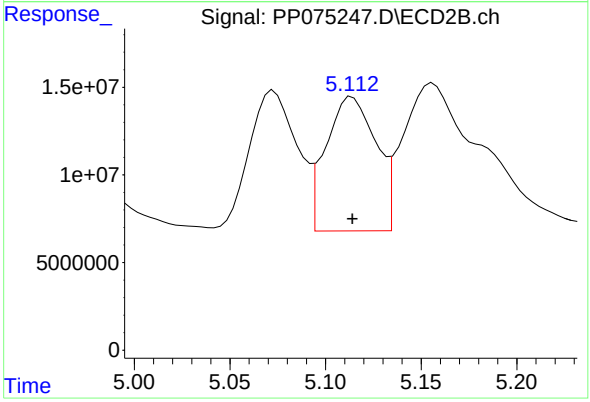
#5 AR-1016-3

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 139883237
Conc: 975.14 ng/ml



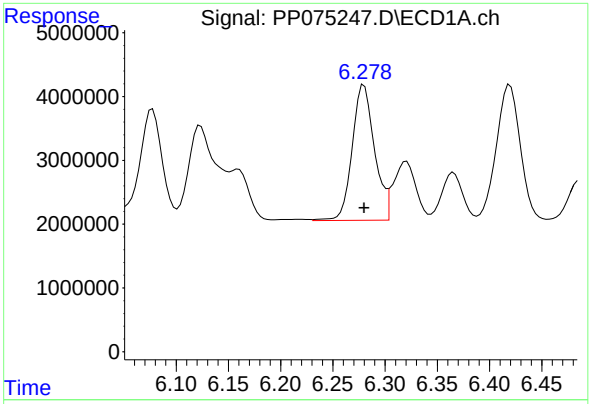
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 32893250
Conc: 961.09 ng/ml



#6 AR-1016-4

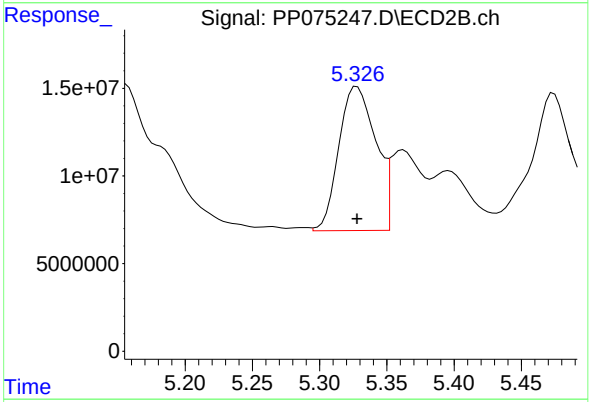
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 139175266
Conc: 953.44 ng/ml



#7 AR-1016-5

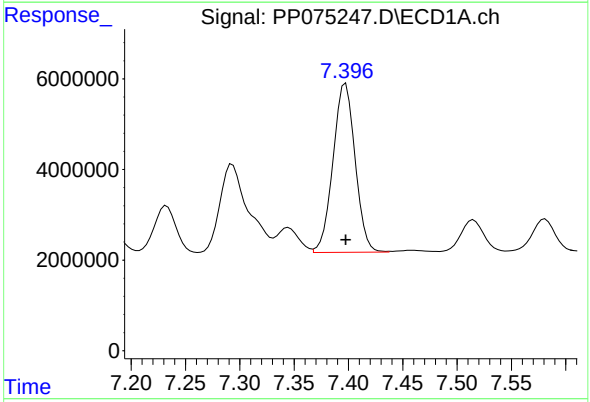
R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 31586228
Conc: 959.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



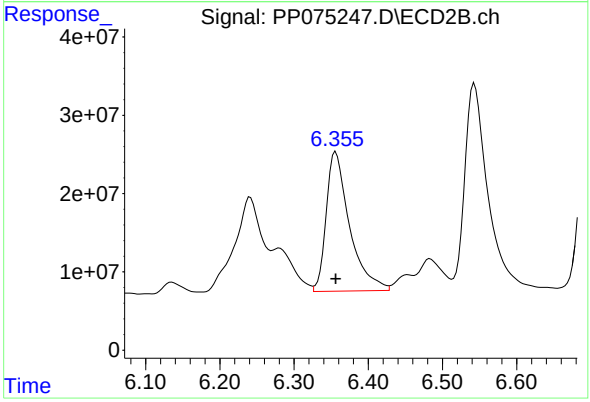
#7 AR-1016-5

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 157135257
Conc: 969.09 ng/ml



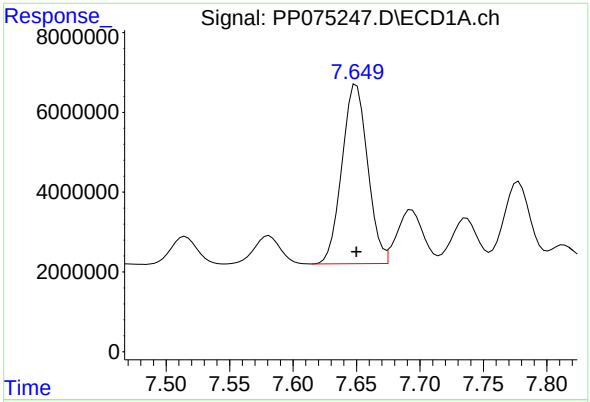
#31 AR-1260-1

R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 52823399
Conc: 931.84 ng/ml



#31 AR-1260-1

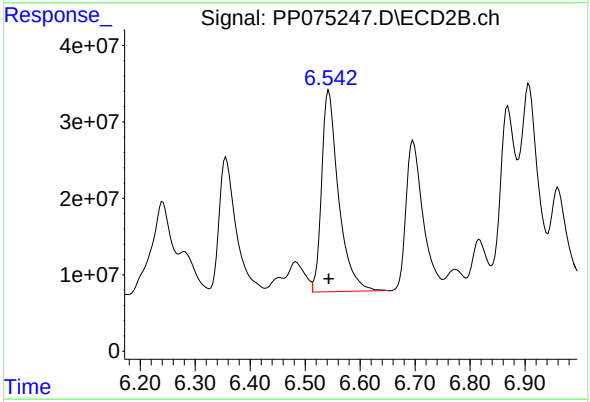
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 389924896
Conc: 987.09 ng/ml



#32 AR-1260-2

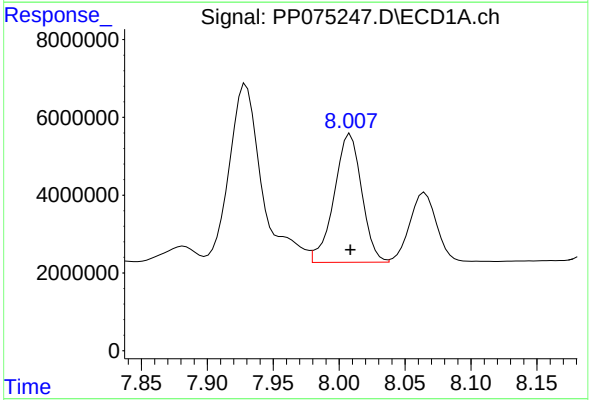
R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 63303692
Conc: 952.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



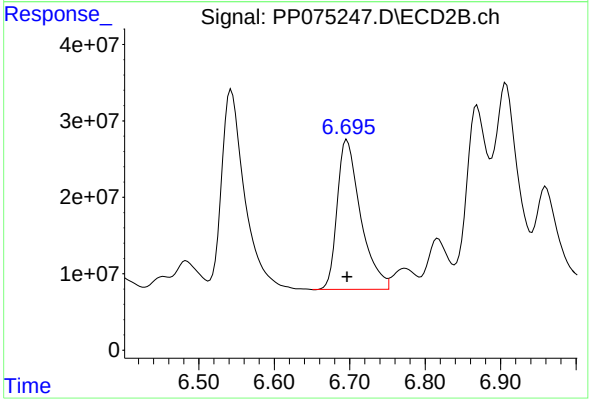
#32 AR-1260-2

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 565343775
Conc: 984.71 ng/ml



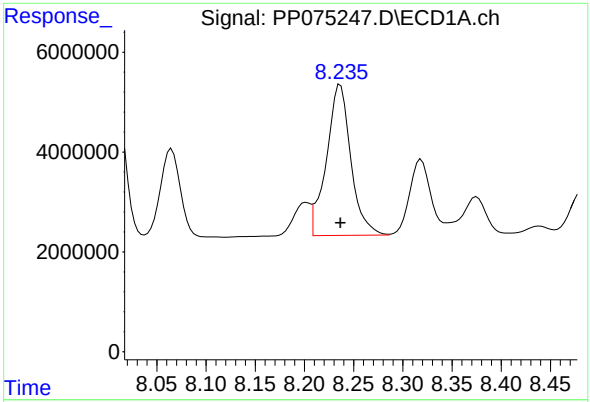
#33 AR-1260-3

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 48177125
Conc: 953.83 ng/ml



#33 AR-1260-3

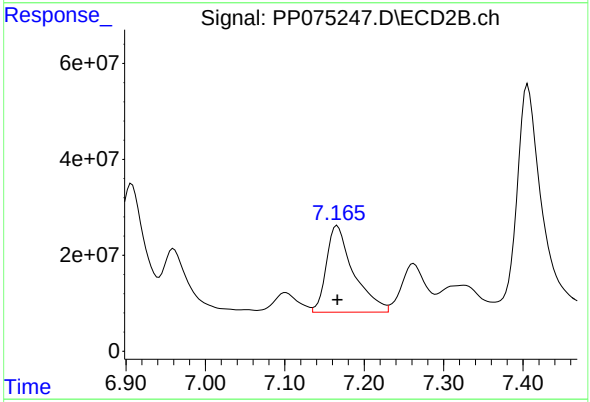
R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 422351862
Conc: 994.49 ng/ml



#34 AR-1260-4

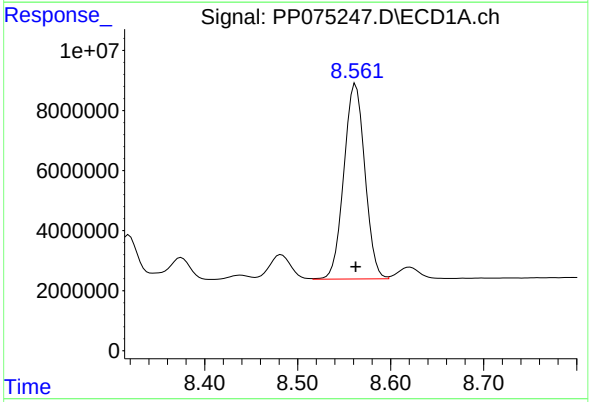
R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 52102929
Conc: 955.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



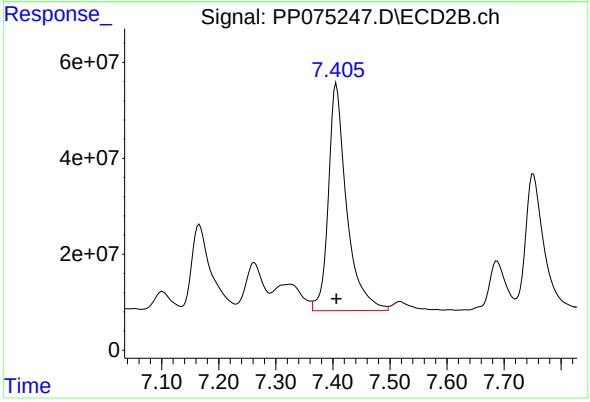
#34 AR-1260-4

R.T.: 7.166 min
Delta R.T.: 0.000 min
Response: 428778820
Conc: 992.93 ng/ml



#35 AR-1260-5

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 102126116
Conc: 961.21 ng/ml



#35 AR-1260-5

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 1056009939
Conc: 976.52 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:01
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:21:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.796	98140085	480.1E6	76.225	74.641
2)	SA Decachlor...	10.438	8.803	72203461	469.5E6	75.486	75.777
	Target Compounds						
3)	L1 AR-1016-1	5.811	4.894	33755975	431.3E6	754.459	762.574
4)	L1 AR-1016-2	5.832	4.952	50790688	200.2E6	755.124	768.006
5)	L1 AR-1016-3	5.895	5.072	31404177	109.7E6	753.026	759.865
6)	L1 AR-1016-4	5.992	5.111	26125023	112.5E6	758.837	763.638
7)	L1 AR-1016-5	6.285	5.326	25091989	124.6E6	757.985	762.174
31)	L7 AR-1260-1	7.402	6.355	42291284	299.1E6	747.360	754.771
32)	L7 AR-1260-2	7.655	6.541	50614233	437.6E6	757.555	758.123
33)	L7 AR-1260-3	8.013	6.695	38223002	324.8E6	754.489	759.766
34)	L7 AR-1260-4	8.241	7.165	41368851	324.2E6	755.905	750.542
35)	L7 AR-1260-5	8.567	7.404	80643040	828.4E6	755.983	760.602

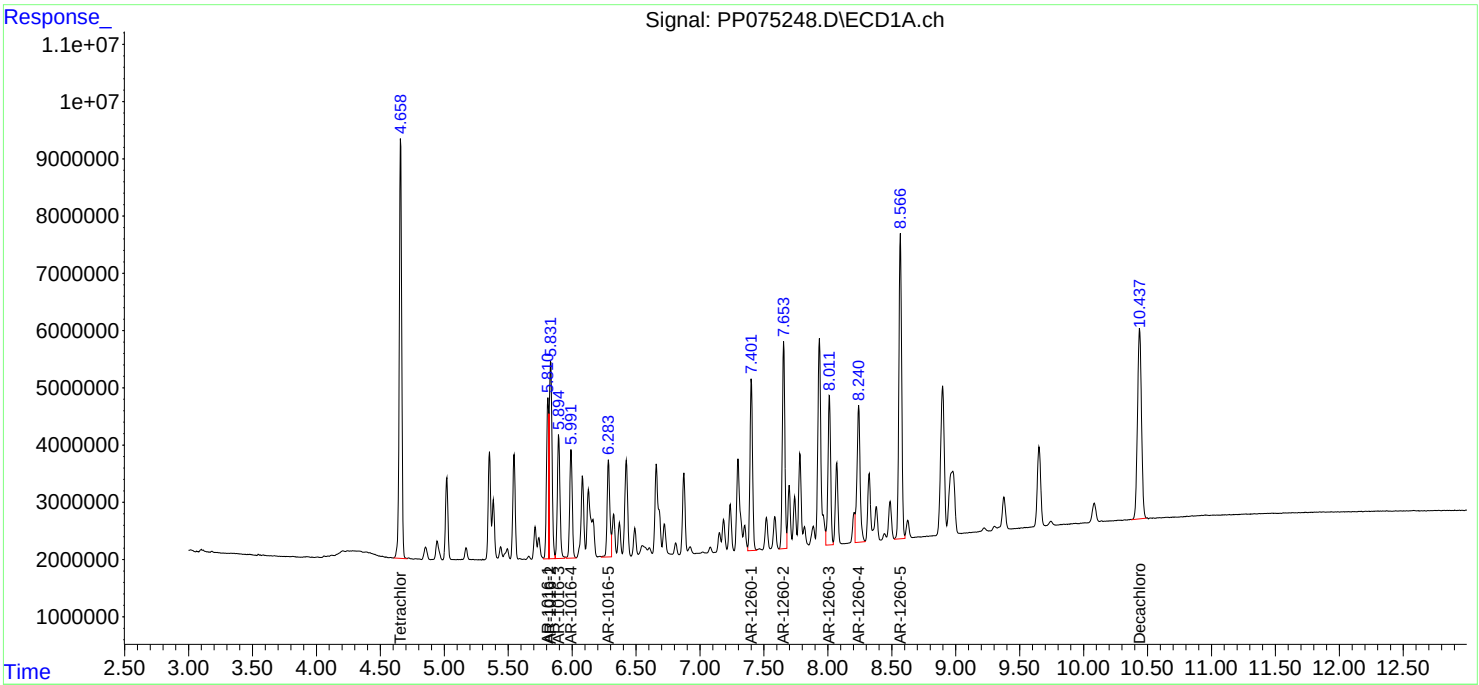
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

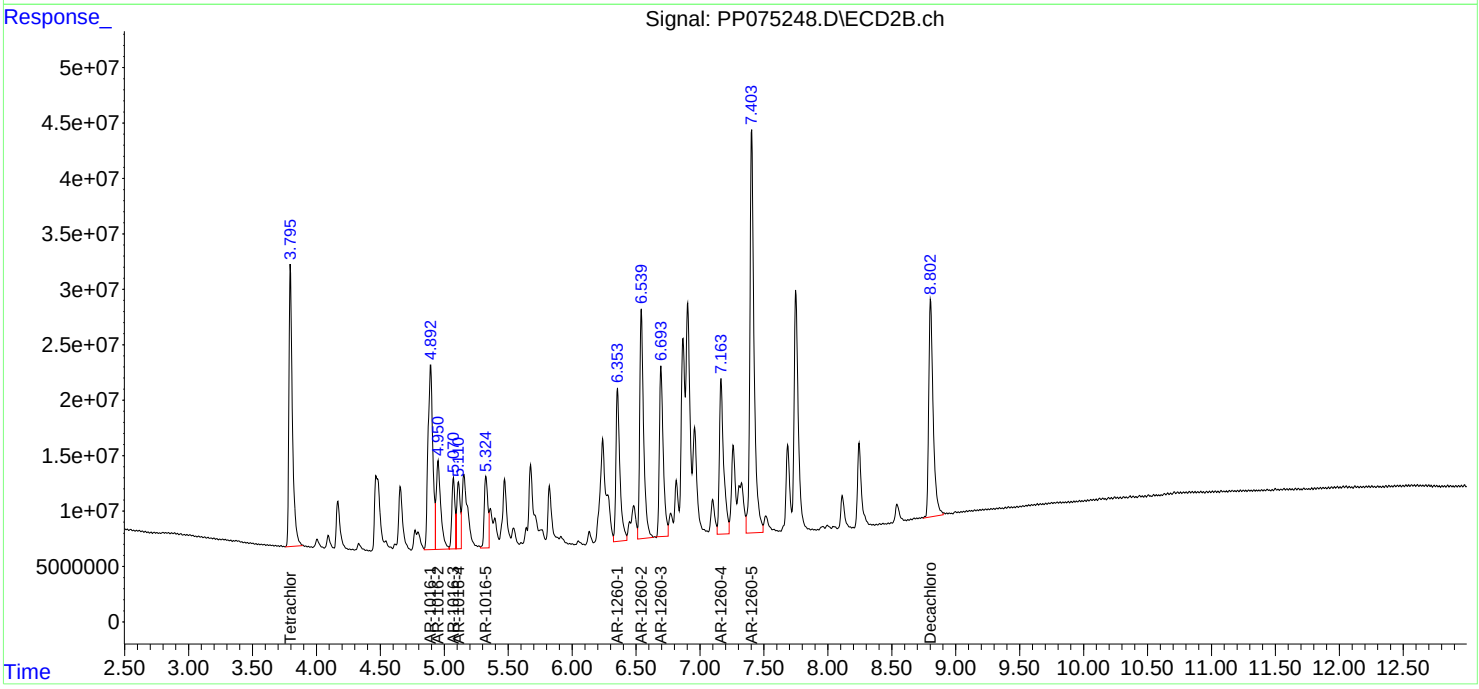
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:01
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

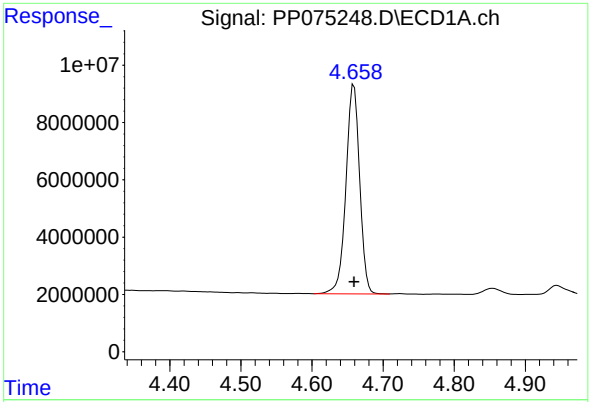
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:21:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



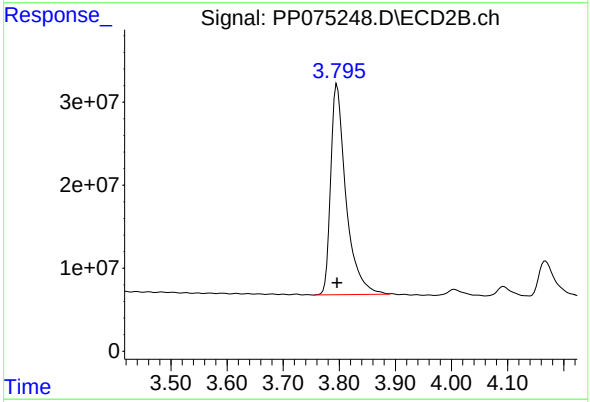




#1 Tetrachloro-m-xylene

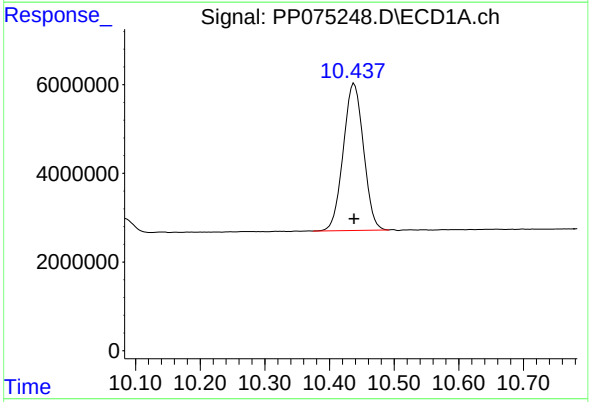
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 98140085
Conc: 76.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



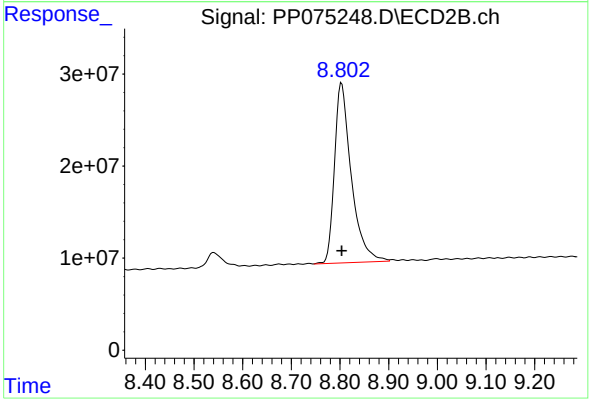
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 480074249
Conc: 74.64 ng/ml



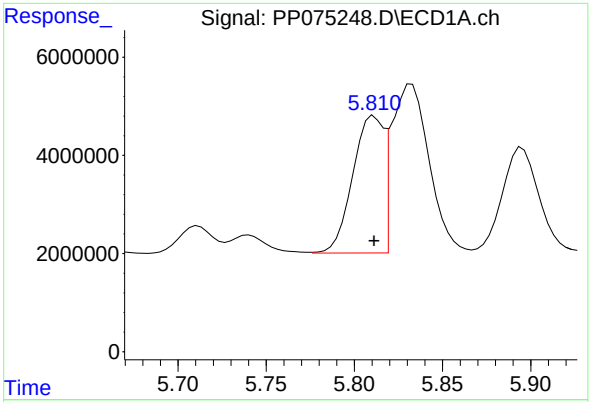
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 72203461
Conc: 75.49 ng/ml



#2 Decachlorobiphenyl

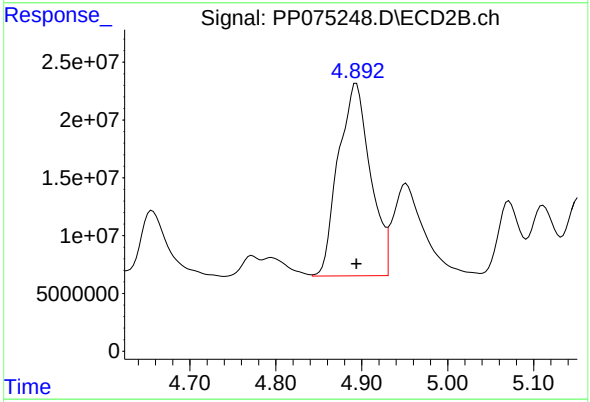
R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 469530740
Conc: 75.78 ng/ml



#3 AR-1016-1

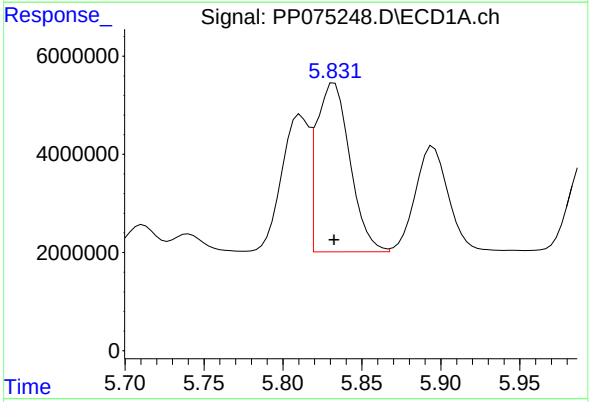
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 33755975
Conc: 754.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



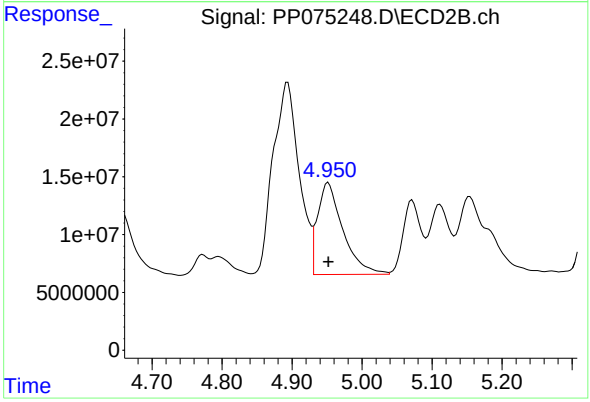
#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 431281196
Conc: 762.57 ng/ml



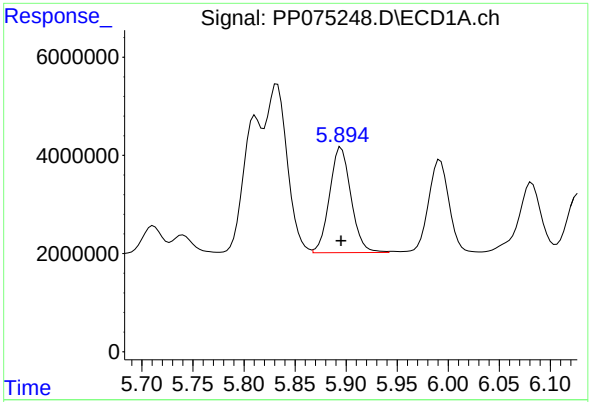
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 50790688
Conc: 755.12 ng/ml



#4 AR-1016-2

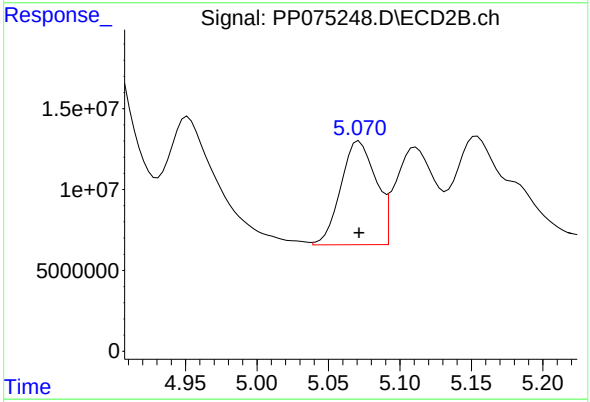
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 200240337
Conc: 768.01 ng/ml



#5 AR-1016-3

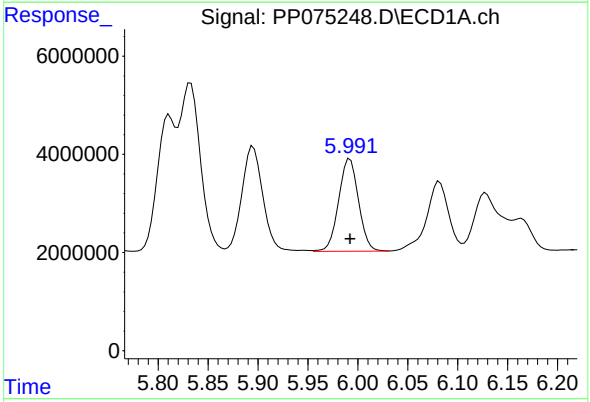
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 31404177
Conc: 753.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



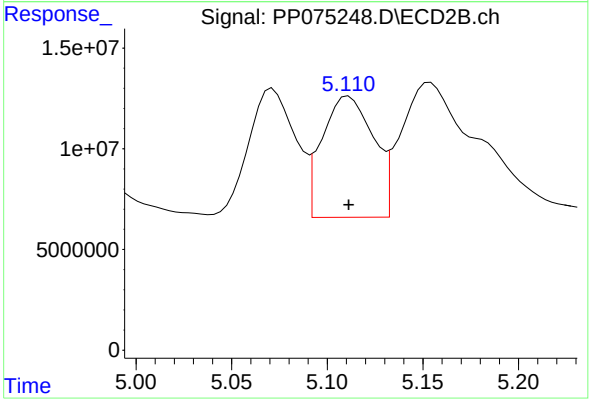
#5 AR-1016-3

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 109724069
Conc: 759.87 ng/ml



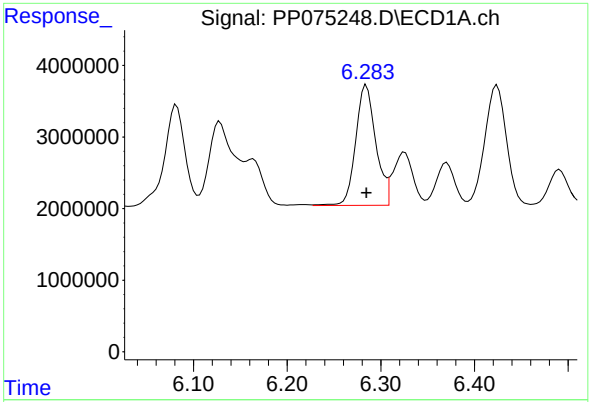
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 26125023
Conc: 758.84 ng/ml



#6 AR-1016-4

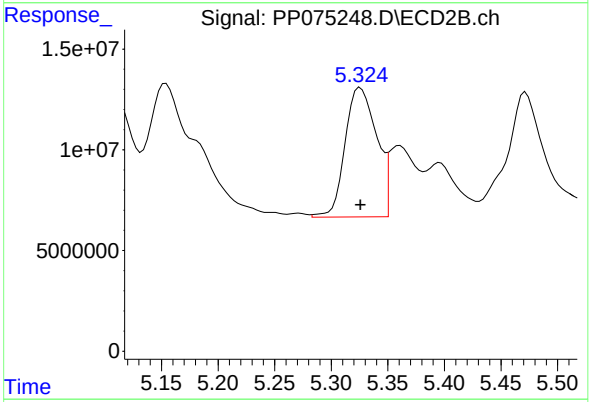
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 112492067
Conc: 763.64 ng/ml



#7 AR-1016-5

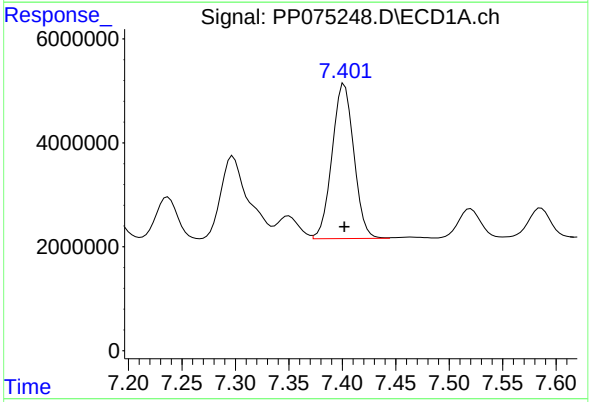
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 25091989
Conc: 757.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



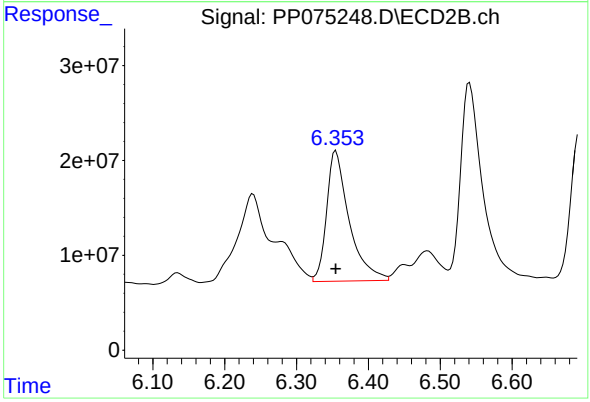
#7 AR-1016-5

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 124595874
Conc: 762.17 ng/ml



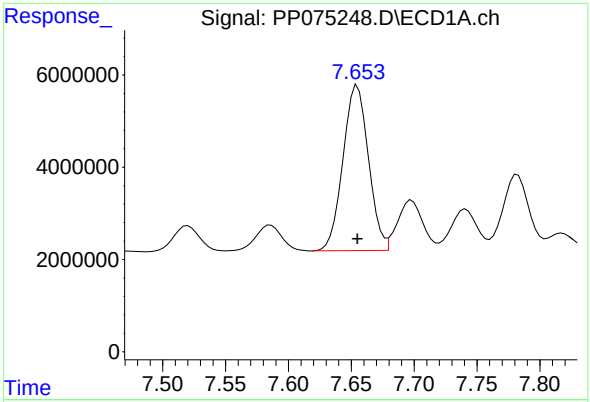
#31 AR-1260-1

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 42291284
Conc: 747.36 ng/ml



#31 AR-1260-1

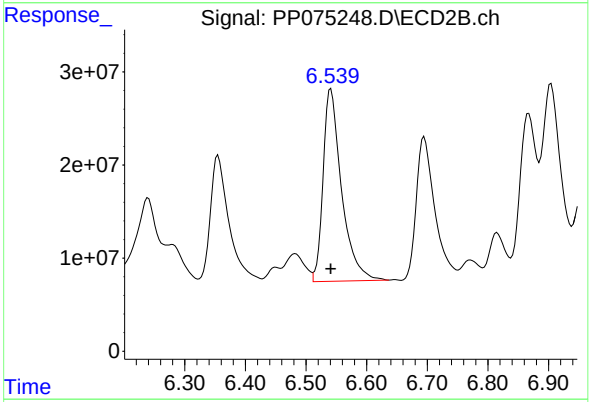
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 299105466
Conc: 754.77 ng/ml



#32 AR-1260-2

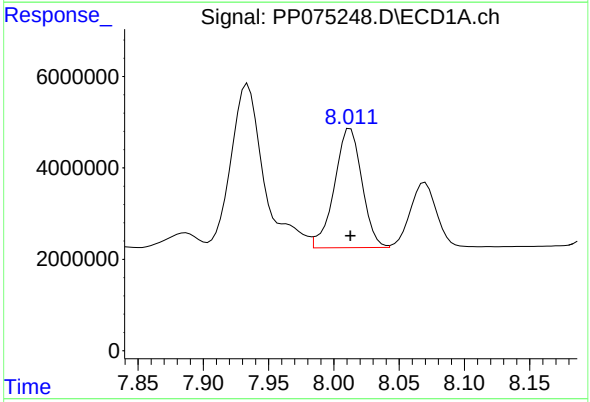
R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 50614233
Conc: 757.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



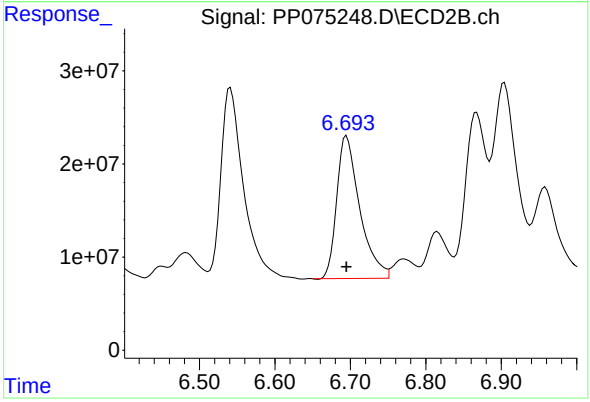
#32 AR-1260-2

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 437626542
Conc: 758.12 ng/ml



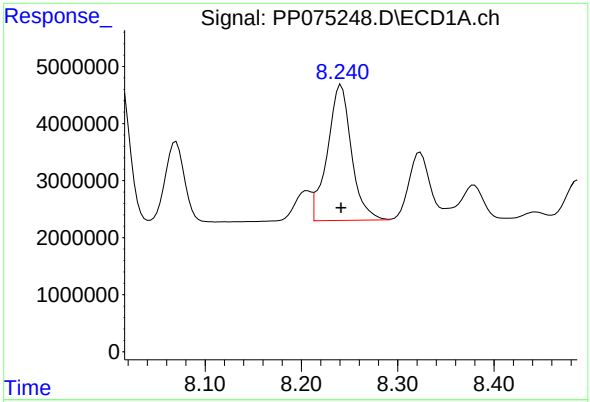
#33 AR-1260-3

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 38223002
Conc: 754.49 ng/ml



#33 AR-1260-3

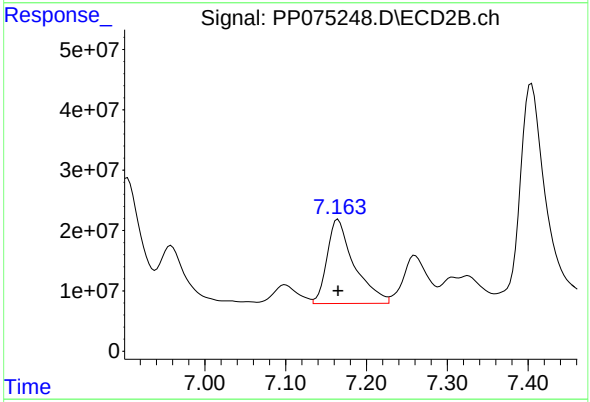
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 324781355
Conc: 759.77 ng/ml



#34 AR-1260-4

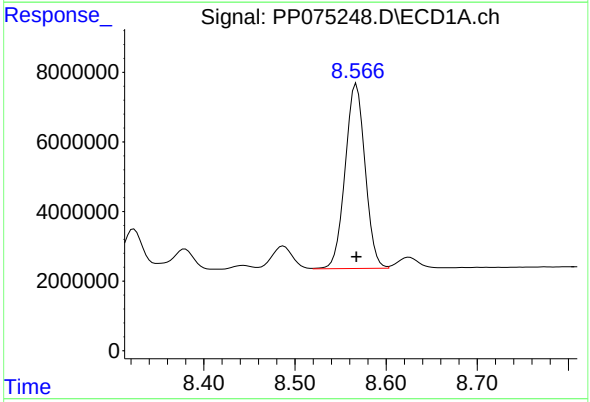
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 41368851
Conc: 755.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



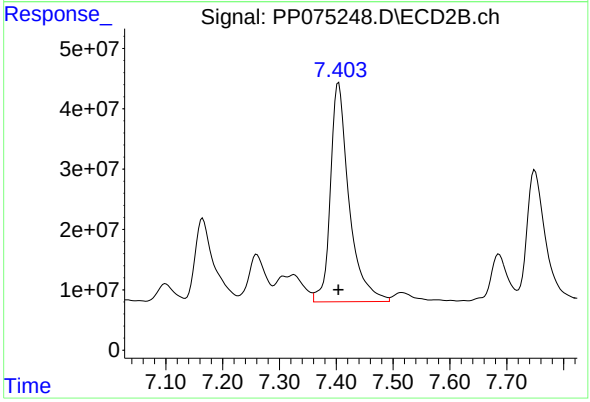
#34 AR-1260-4

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 324224445
Conc: 750.54 ng/ml



#35 AR-1260-5

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 80643040
Conc: 755.98 ng/ml



#35 AR-1260-5

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 828368950
Conc: 760.60 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:18
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:07:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.796	65616529	312.9E6	50.000	50.000
2)	SA Decachlor...	10.434	8.803	49328834	310.3E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.808	4.893	23435085	285.5E6	500.000	500.000
4)	L1 AR-1016-2	5.829	4.951	34830204	130.8E6	500.000	500.000
5)	L1 AR-1016-3	5.892	5.071	21903834	73508070	500.000	500.000
6)	L1 AR-1016-4	5.989	5.111	17778257	76383773	500.000	500.000
7)	L1 AR-1016-5	6.281	5.325	17134187	83579985	500.000	500.000
31)	L7 AR-1260-1	7.399	6.355	30275504	200.1E6	500.000	500.000
32)	L7 AR-1260-2	7.651	6.541	34824278	291.5E6	500.000	500.000
33)	L7 AR-1260-3	8.009	6.695	26420619	213.5E6	500.000	500.000
34)	L7 AR-1260-4	8.237	7.165	28460709	217.4E6	500.000	500.000
35)	L7 AR-1260-5	8.564	7.404	55184634	553.4E6	500.000	500.000

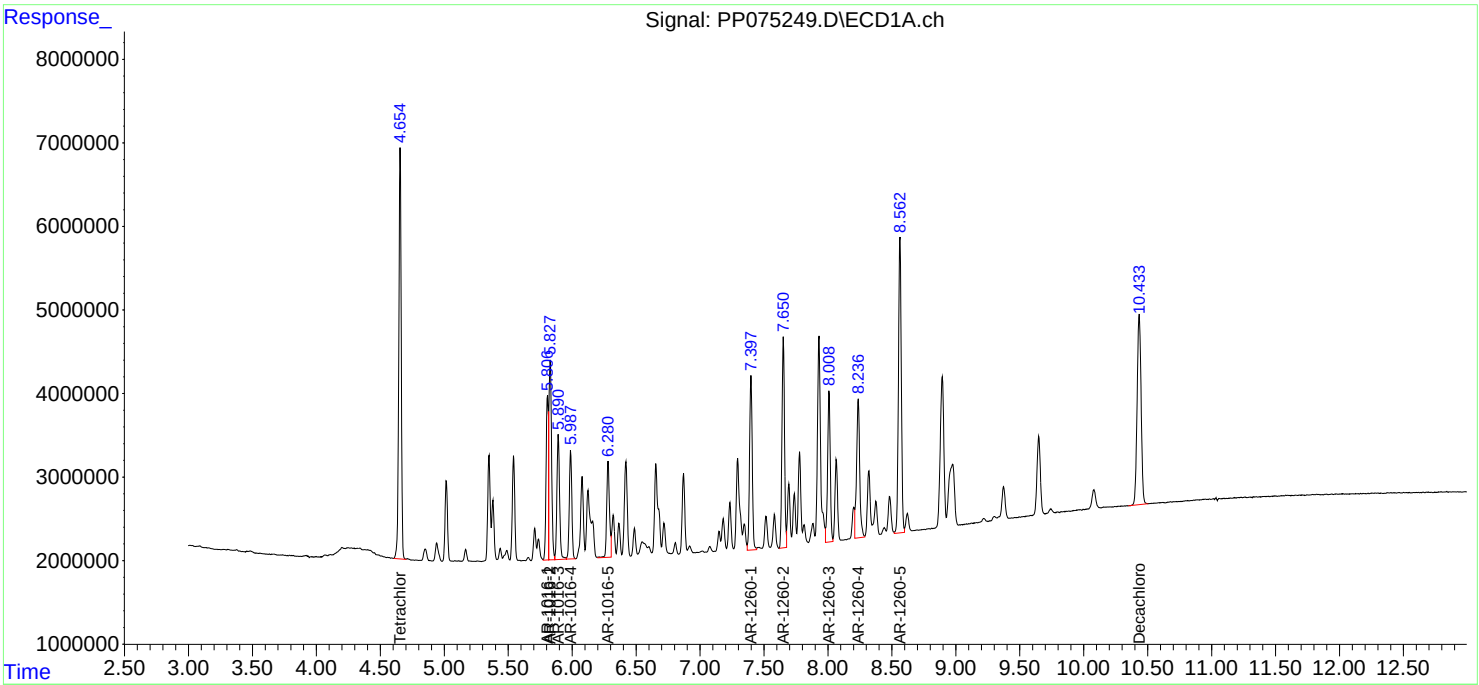
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

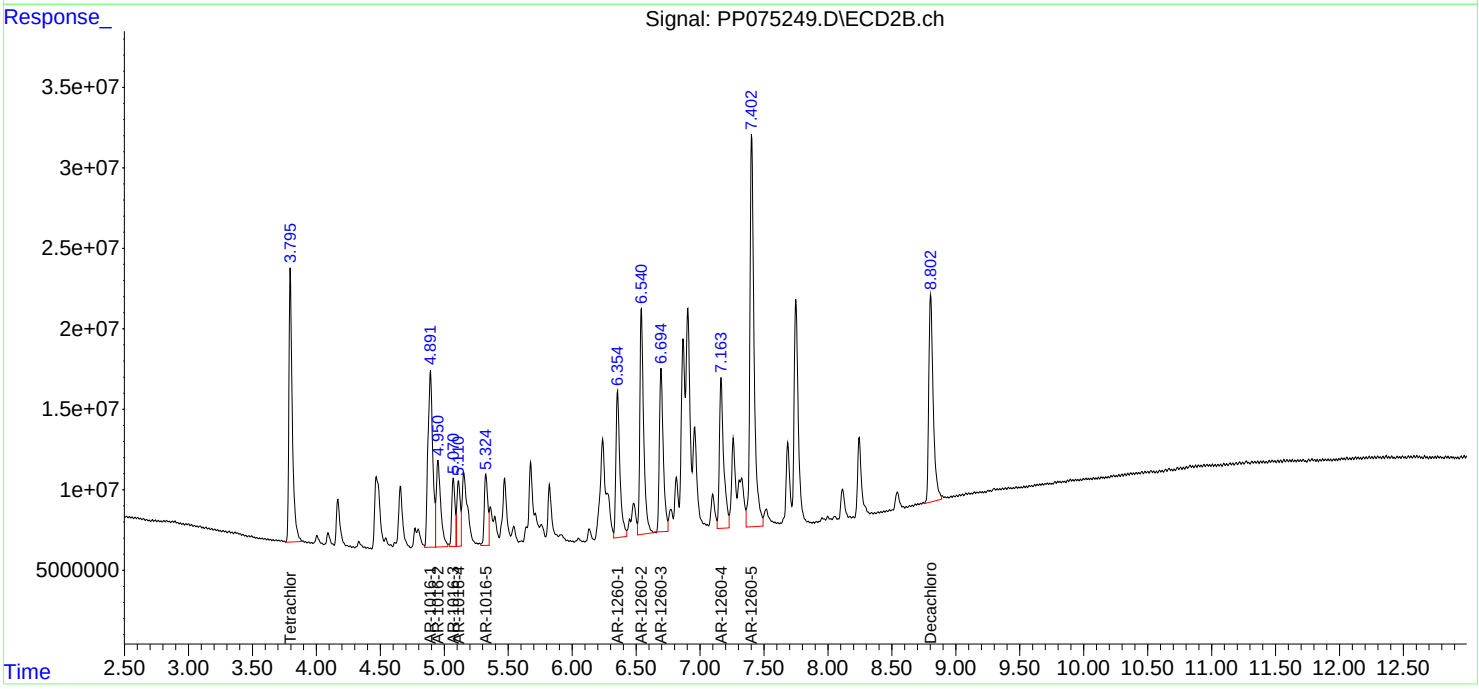
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:18
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

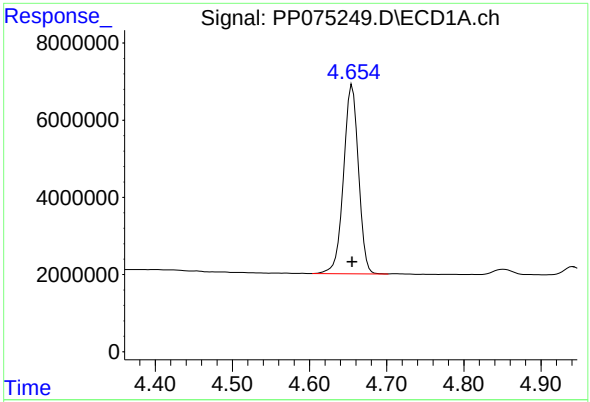
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:07:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



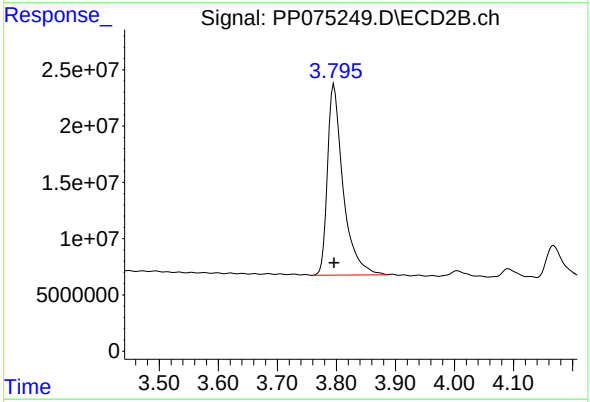




#1 Tetrachloro-m-xylene

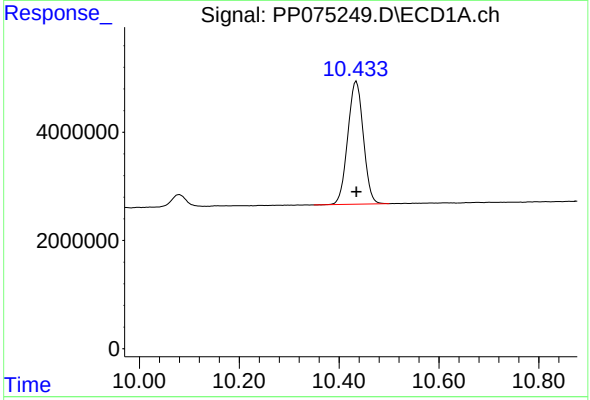
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 65616529
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



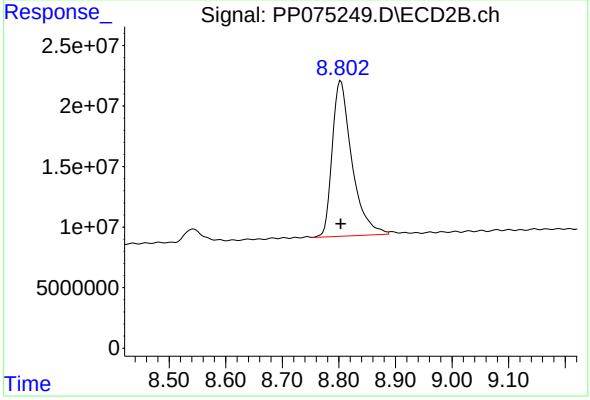
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 312903913
Conc: 50.00 ng/ml



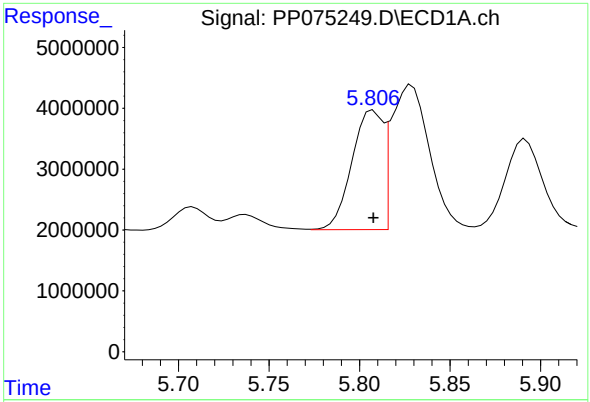
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49328834
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

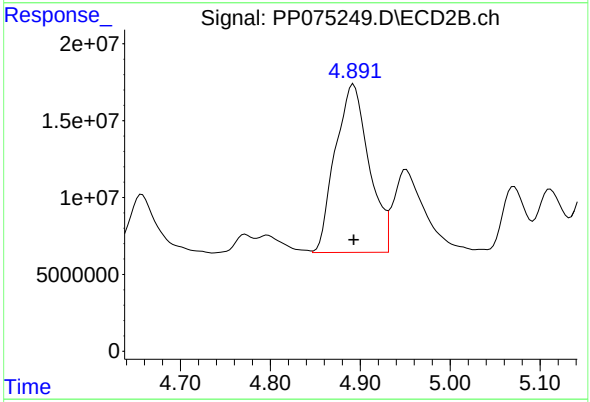
R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 310297120
Conc: 50.00 ng/ml



#3 AR-1016-1

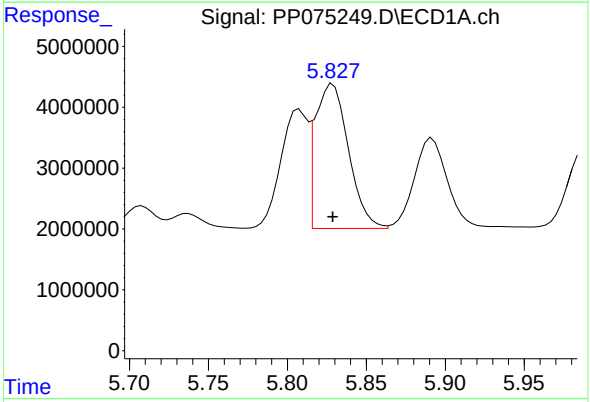
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 23435085
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



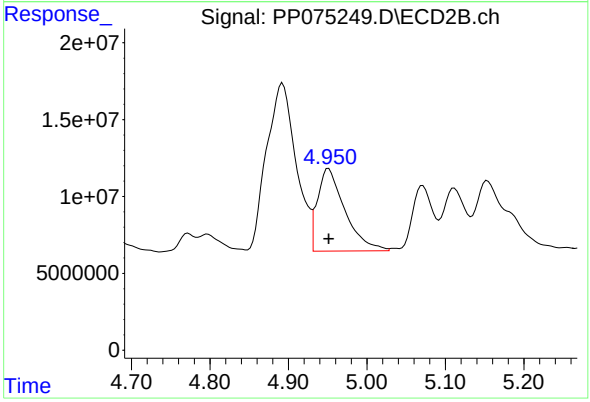
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 285484304
Conc: 500.00 ng/ml



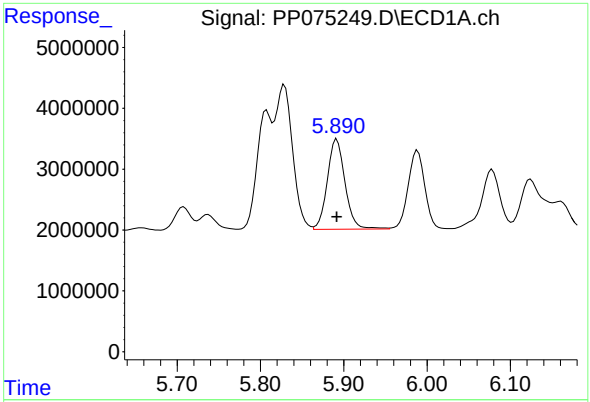
#4 AR-1016-2

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 34830204
Conc: 500.00 ng/ml



#4 AR-1016-2

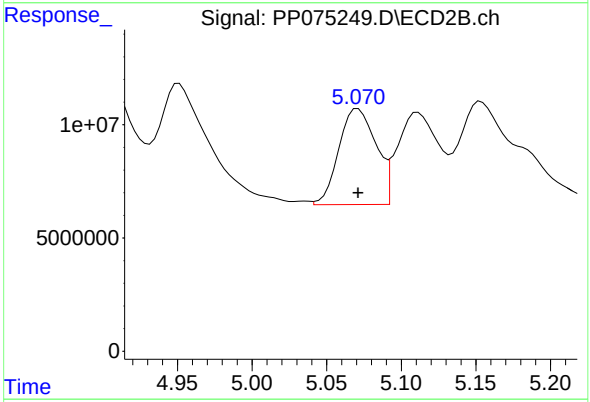
R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 130751869
Conc: 500.00 ng/ml



#5 AR-1016-3

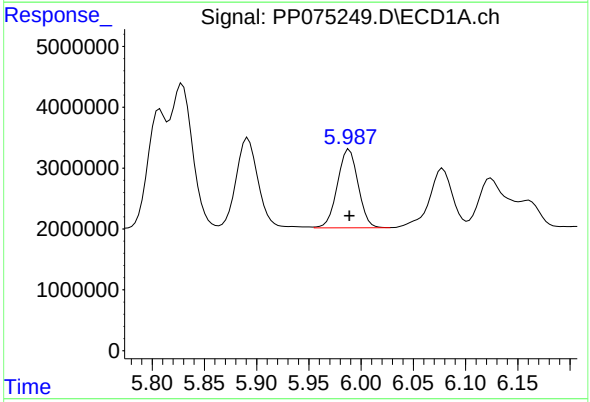
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 21903834
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



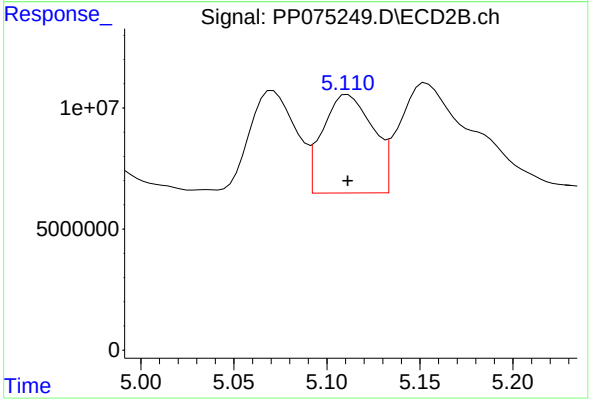
#5 AR-1016-3

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 73508070
Conc: 500.00 ng/ml



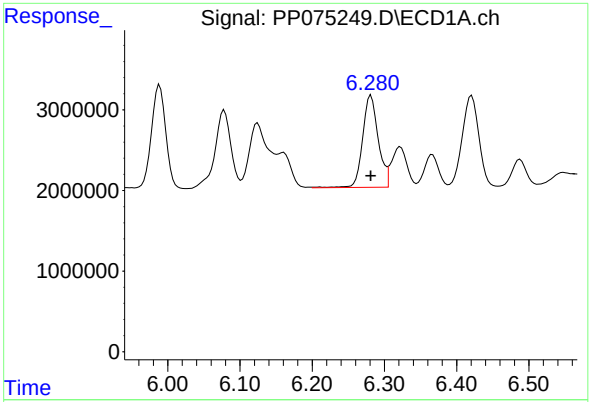
#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 17778257
Conc: 500.00 ng/ml



#6 AR-1016-4

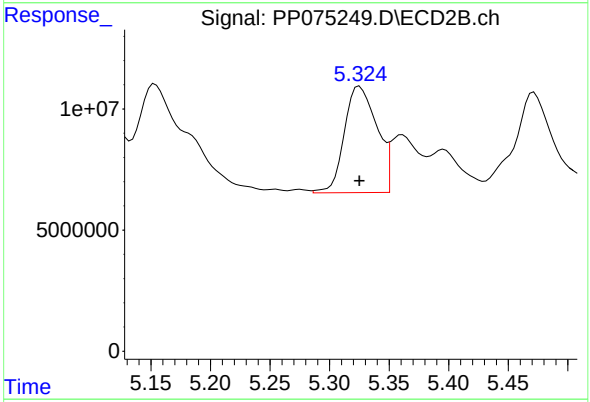
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 76383773
Conc: 500.00 ng/ml



#7 AR-1016-5

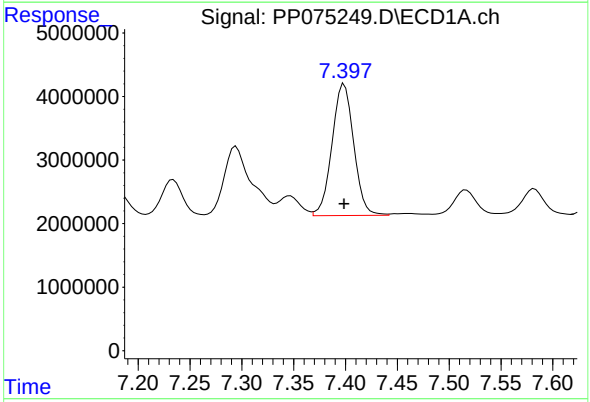
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 17134187
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



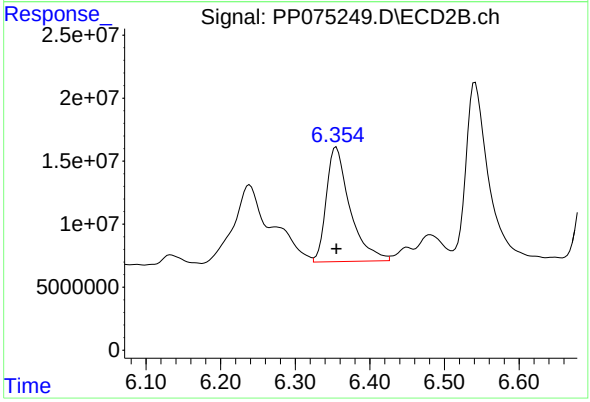
#7 AR-1016-5

R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 83579985
Conc: 500.00 ng/ml



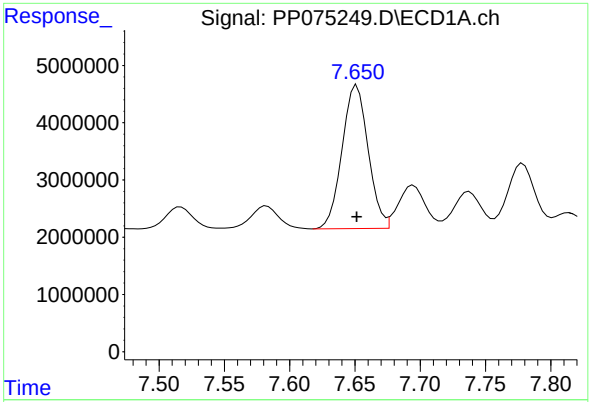
#31 AR-1260-1

R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 30275504
Conc: 500.00 ng/ml



#31 AR-1260-1

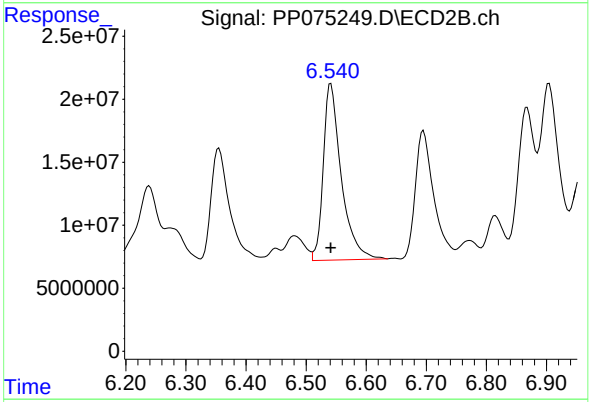
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 200063470
Conc: 500.00 ng/ml



#32 AR-1260-2

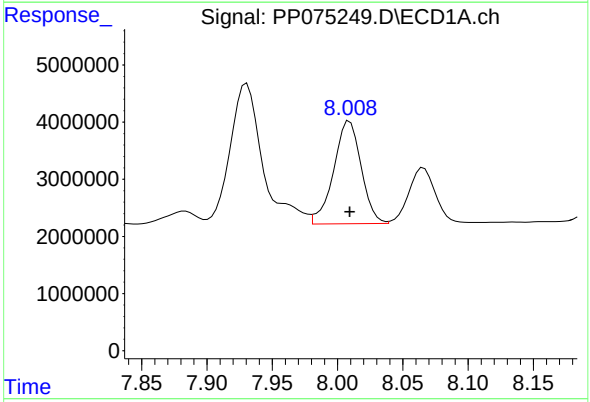
R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 34824278
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



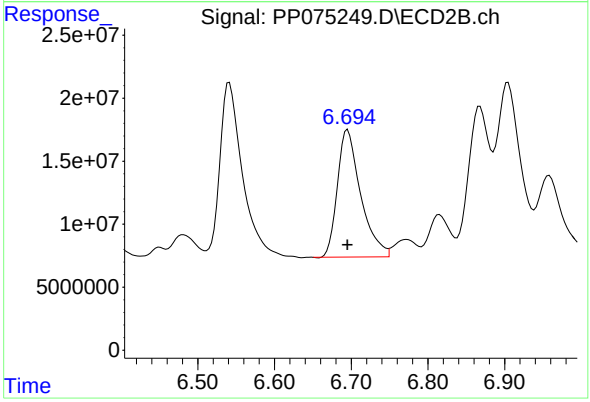
#32 AR-1260-2

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 291451721
Conc: 500.00 ng/ml



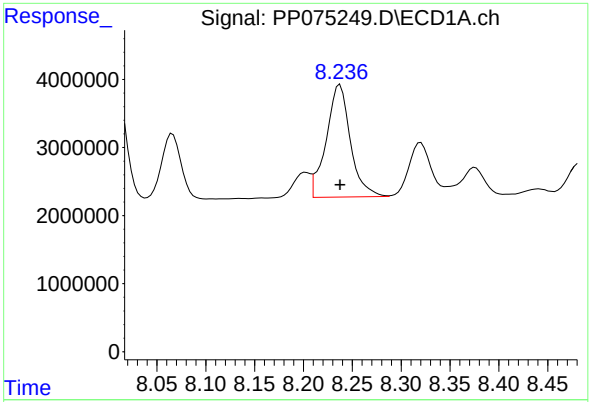
#33 AR-1260-3

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 26420619
Conc: 500.00 ng/ml



#33 AR-1260-3

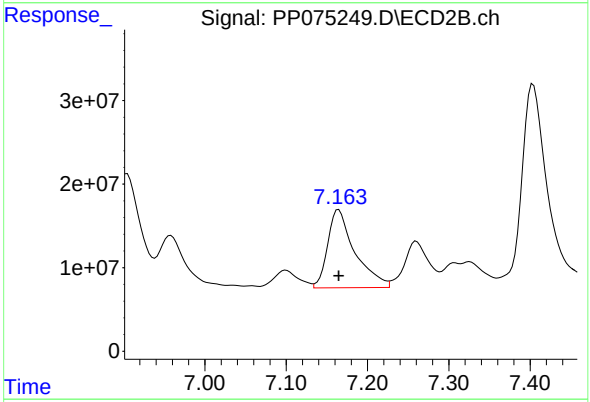
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 213516702
Conc: 500.00 ng/ml



#34 AR-1260-4

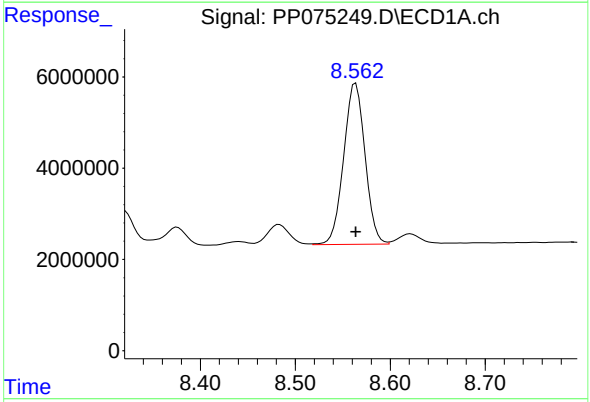
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 28460709
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



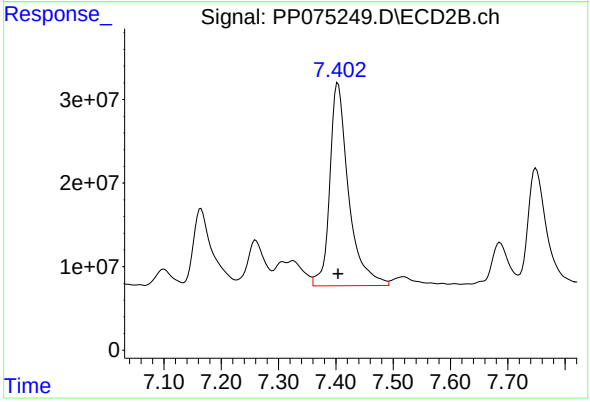
#34 AR-1260-4

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 217441460
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 55184634
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 553392852
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:34
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:25:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.796	34563643	157.0E6	26.359	24.549
2)	SA Decachlor...	10.434	8.803	25809061	158.9E6	26.458	25.477
	Target Compounds						
3)	L1 AR-1016-1	5.807	4.894	12538461	139.4E6	272.014	247.365
4)	L1 AR-1016-2	5.828	4.952	18566259	63148573	269.028	244.105
5)	L1 AR-1016-3	5.891	5.072	11837993	35142091	274.562	244.992
6)	L1 AR-1016-4	5.988	5.113	9584076	36742253	270.699	249.565
7)	L1 AR-1016-5	6.280	5.326	9259844	42918309	271.649	259.287
31)	L7 AR-1260-1	7.398	6.354	16026380	106.7E6	274.109	264.074
32)	L7 AR-1260-2	7.651	6.542	18926012	145.1E6	274.149	251.045
33)	L7 AR-1260-3	8.009	6.695	14058591	106.6E6	270.076	249.442
34)	L7 AR-1260-4	8.236	7.164	14811288	105.8E6	254.816m	246.162
35)	L7 AR-1260-5	8.563	7.404	28952377	273.5E6	265.722	250.867

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:34
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

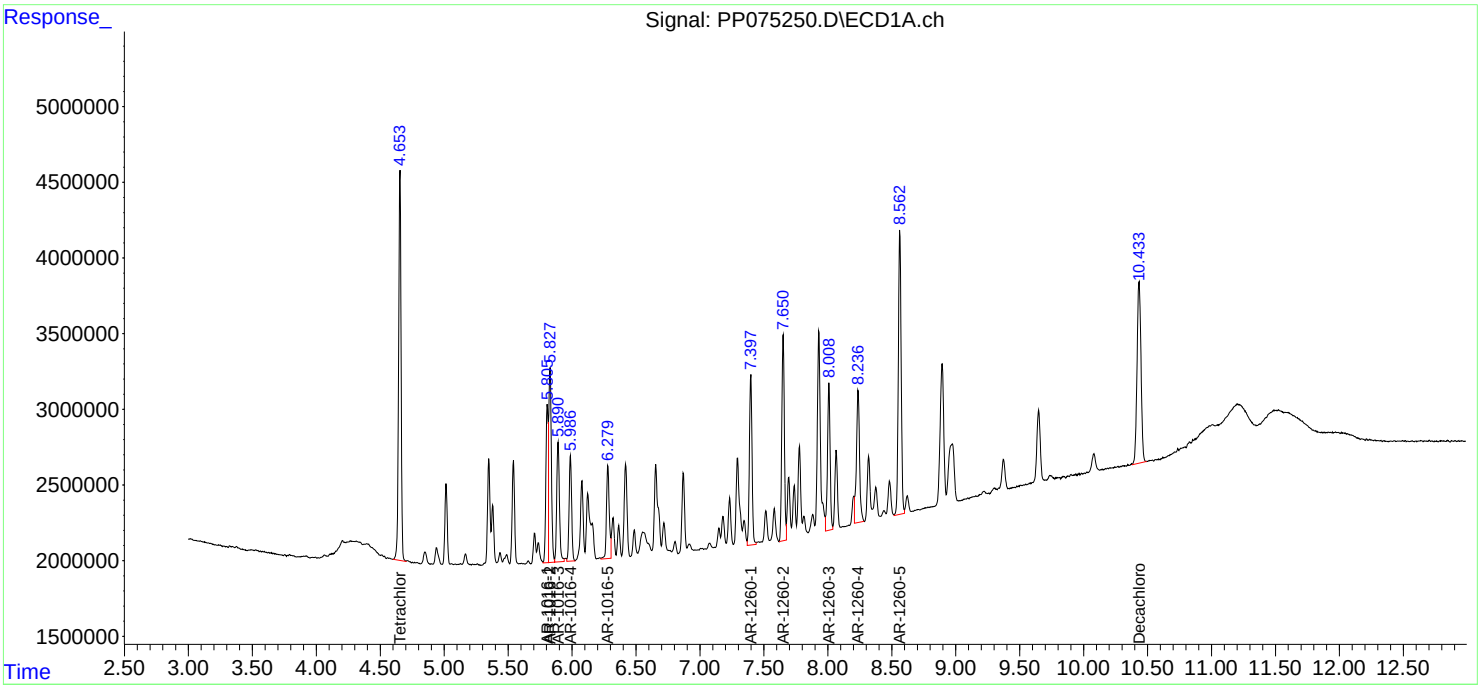
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

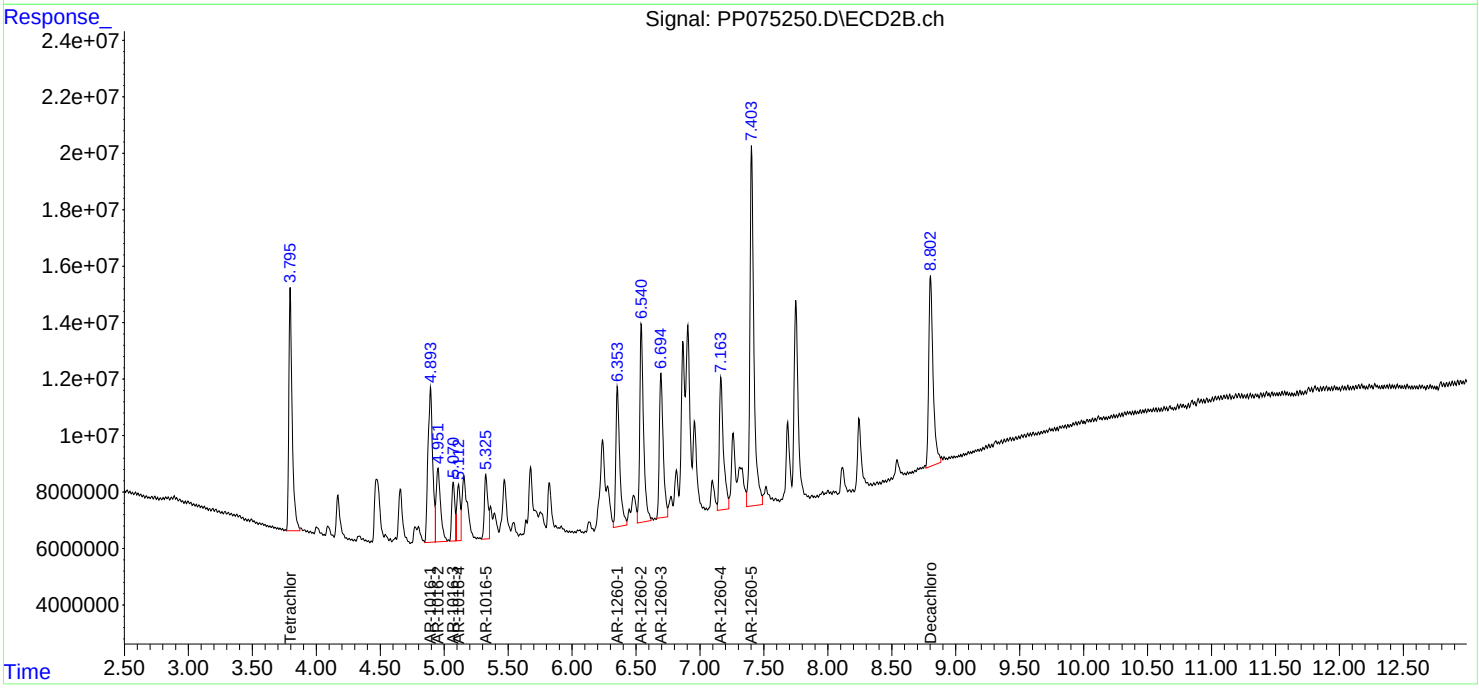
Manual Integrations APPROVED

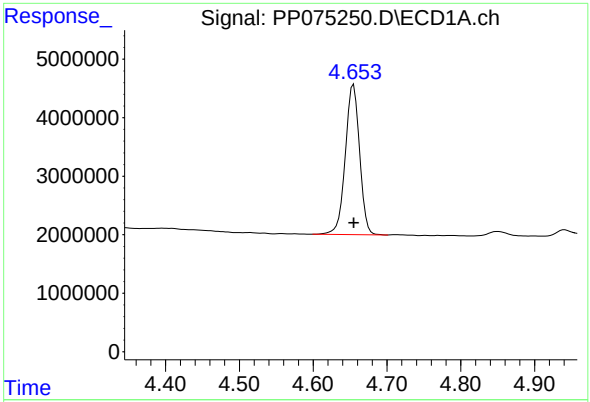
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:25:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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







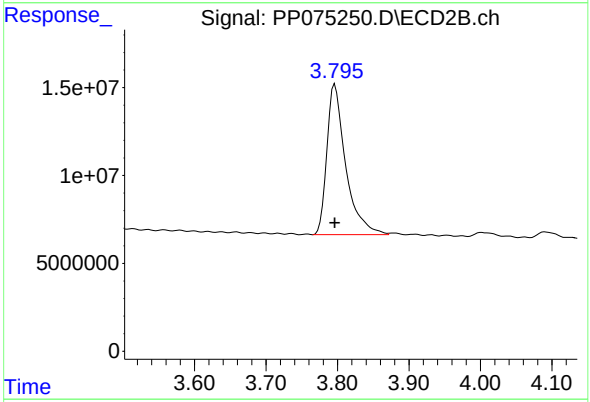
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 34563643
Conc: 26.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

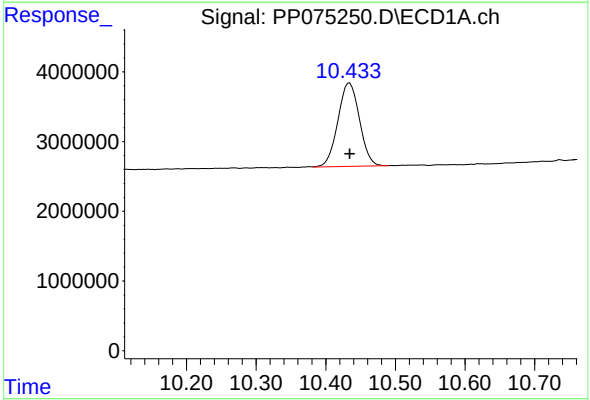
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



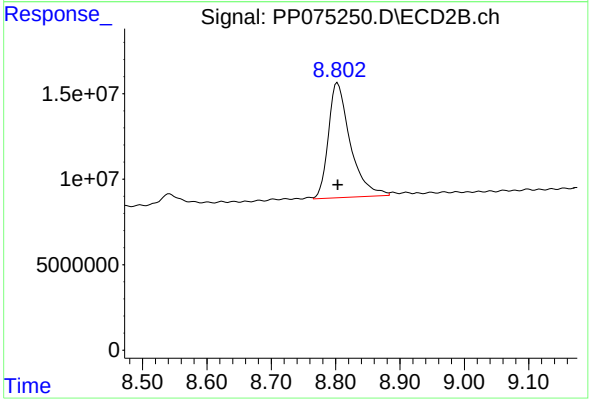
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 156950937
Conc: 24.55 ng/ml



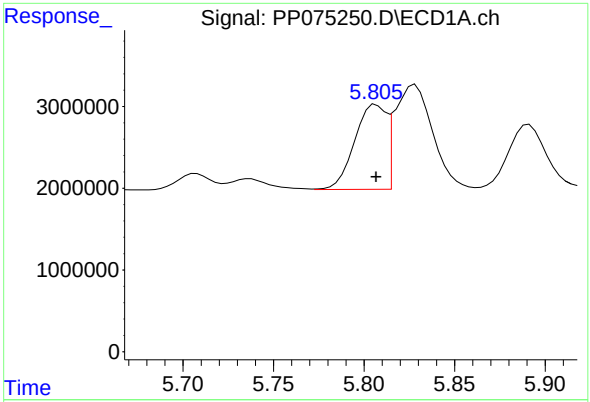
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 25809061
Conc: 26.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 158868308
Conc: 25.48 ng/ml



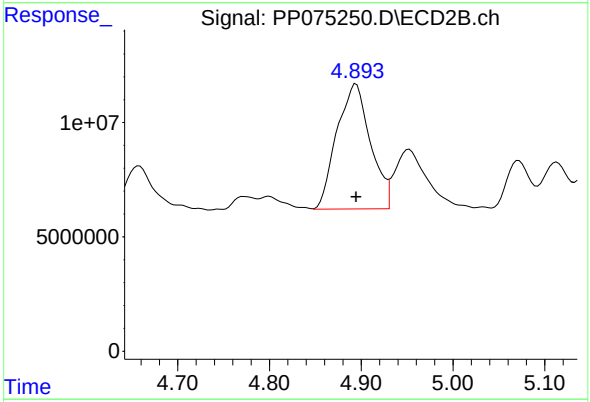
#3 AR-1016-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 12538461
Conc: 272.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

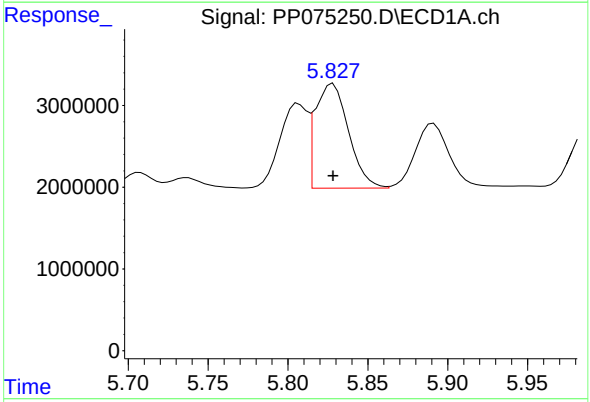
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



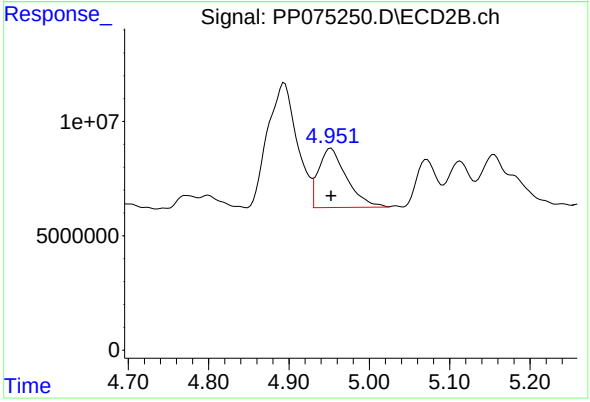
#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 139409723
Conc: 247.36 ng/ml



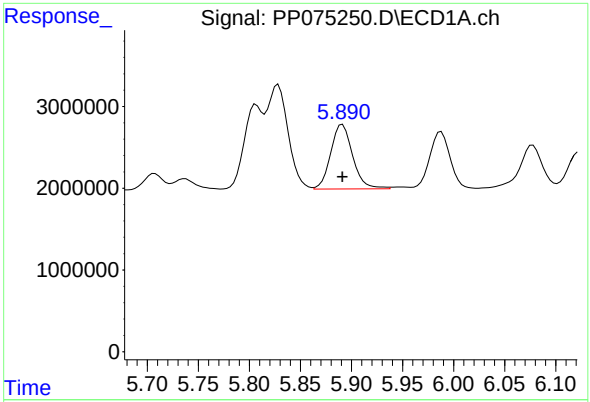
#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 18566259
Conc: 269.03 ng/ml



#4 AR-1016-2

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 63148573
Conc: 244.10 ng/ml



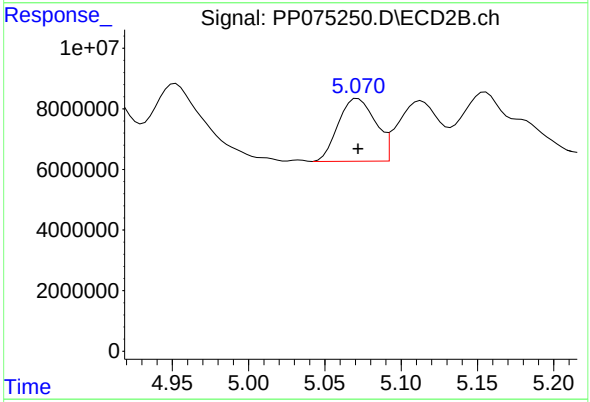
#5 AR-1016-3

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 11837993
Conc: 274.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

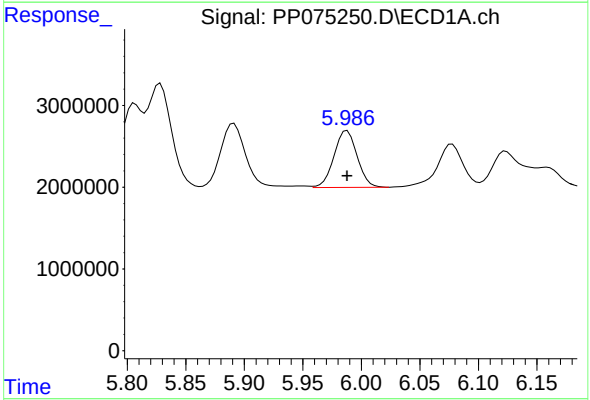
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



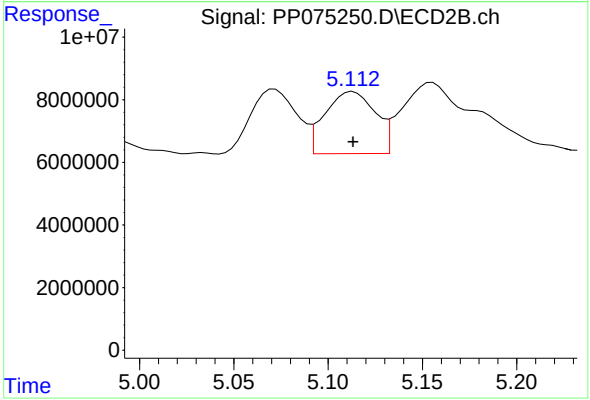
#5 AR-1016-3

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 35142091
Conc: 244.99 ng/ml



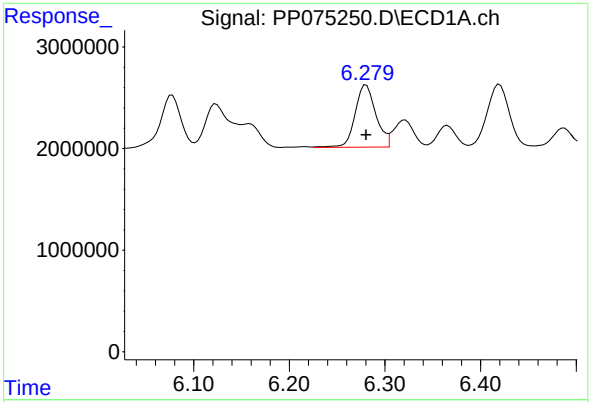
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 9584076
Conc: 270.70 ng/ml



#6 AR-1016-4

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 36742253
Conc: 249.56 ng/ml



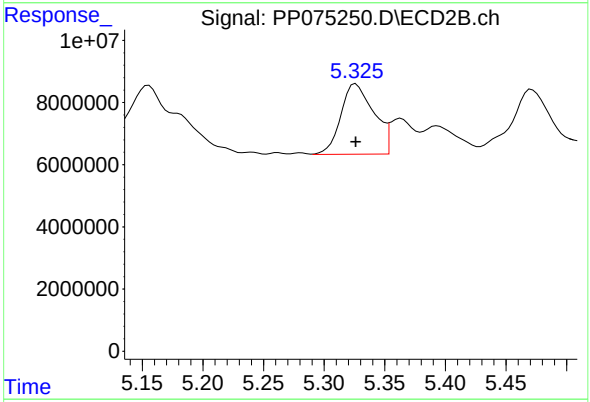
#7 AR-1016-5

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 9259844
Conc: 271.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

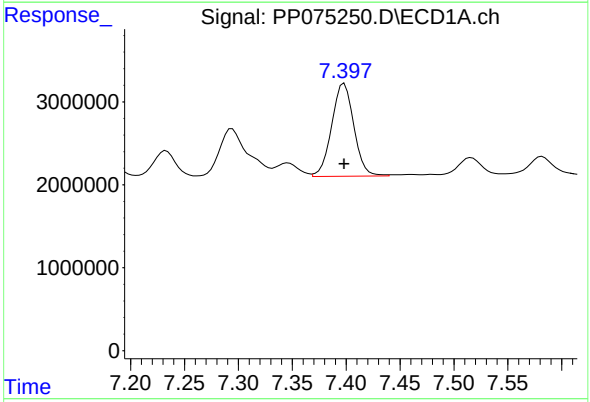
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



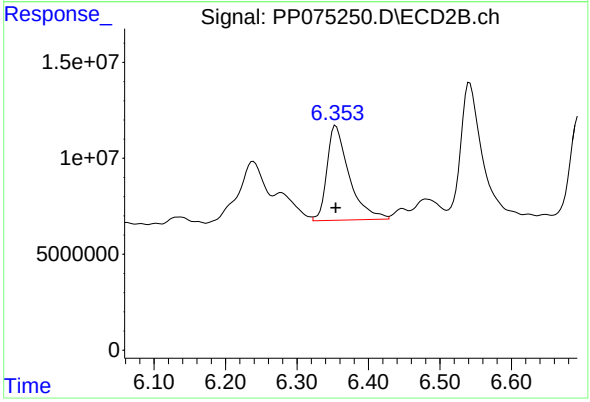
#7 AR-1016-5

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 42918309
Conc: 259.29 ng/ml



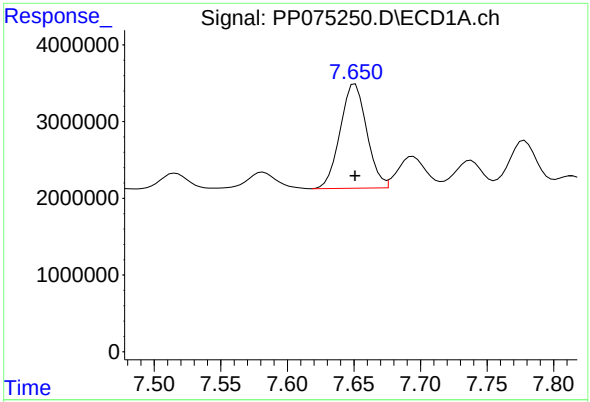
#31 AR-1260-1

R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 16026380
Conc: 274.11 ng/ml



#31 AR-1260-1

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 106650518
Conc: 264.07 ng/ml



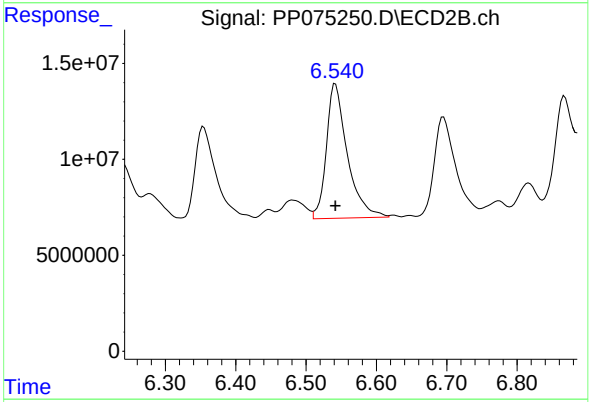
#32 AR-1260-2

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 18926012
Conc: 274.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

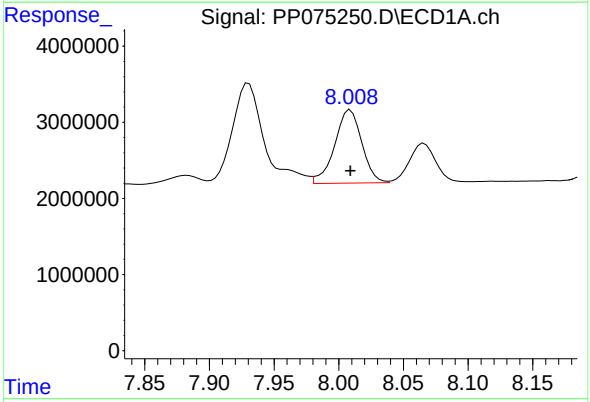
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



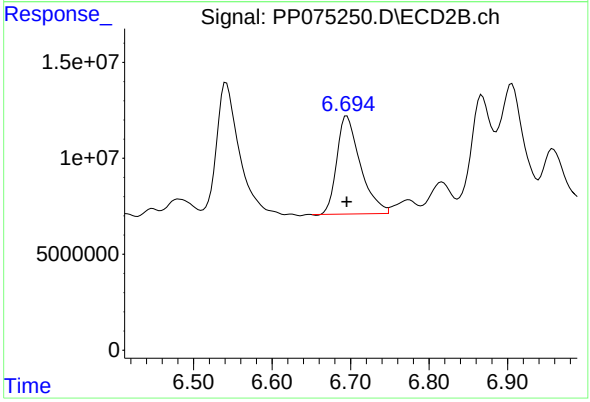
#32 AR-1260-2

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 145117614
Conc: 251.04 ng/ml



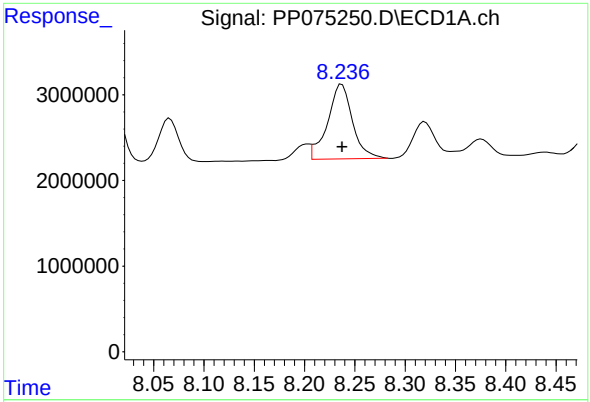
#33 AR-1260-3

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 14058591
Conc: 270.08 ng/ml



#33 AR-1260-3

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 106550891
Conc: 249.44 ng/ml



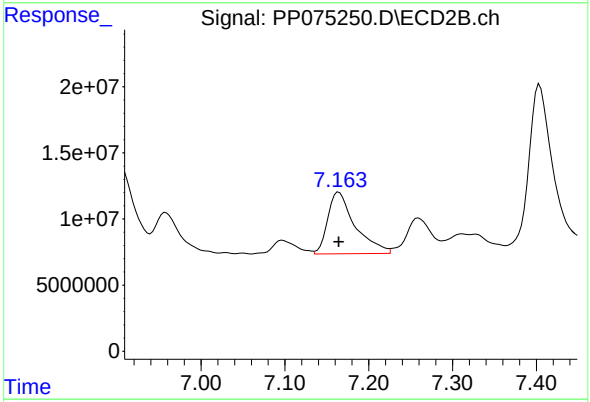
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: -0.001 min
Response: 14811288
Conc: 254.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

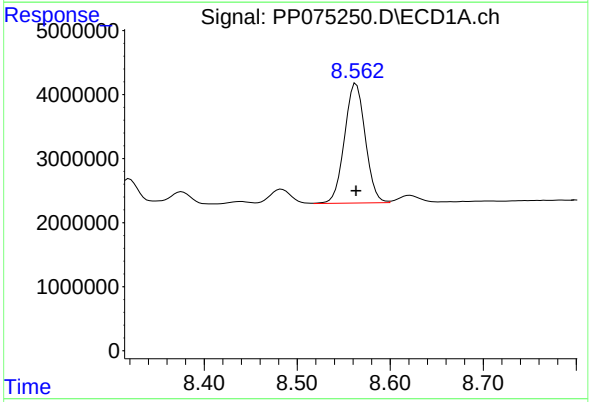
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



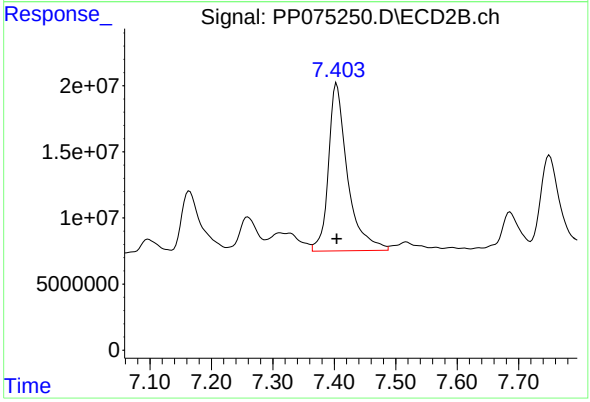
#34 AR-1260-4

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 105797518
Conc: 246.16 ng/ml



#35 AR-1260-5

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 28952377
Conc: 265.72 ng/ml



#35 AR-1260-5

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 273534727
Conc: 250.87 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 10:11
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:30:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.662	3.796	6486797	24654655	4.958	4.041
2)	SA Decachlor...	10.447	8.810	5429214	26095826	5.432m	4.326
	Target Compounds						
3)	L1 AR-1016-1	5.815	4.897	2807205	27537434	58.356	49.085
4)	L1 AR-1016-2	5.837	4.954	4129694	12511665	57.574	48.683
5)	L1 AR-1016-3	5.898	5.071	3009502	10128766	65.402m	65.234
6)	L1 AR-1016-4	5.997	5.115	1828194	7296933	51.301	49.650
7)	L1 AR-1016-5	6.288	5.331	1612829	7740730	48.062m	47.378
31)	L7 AR-1260-1	7.406	6.357	3336459	20710780	56.486m	51.020
32)	L7 AR-1260-2	7.660	6.545	4392403	28346486	62.449	49.227
33)	L7 AR-1260-3	8.018	6.695	3125448	21589727	57.724	50.432m
34)	L7 AR-1260-4	8.246	7.168	2962892	21848445	51.832m	52.185
35)	L7 AR-1260-5	8.573	7.405	5660626	44925783	51.550	43.361m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 10:11
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

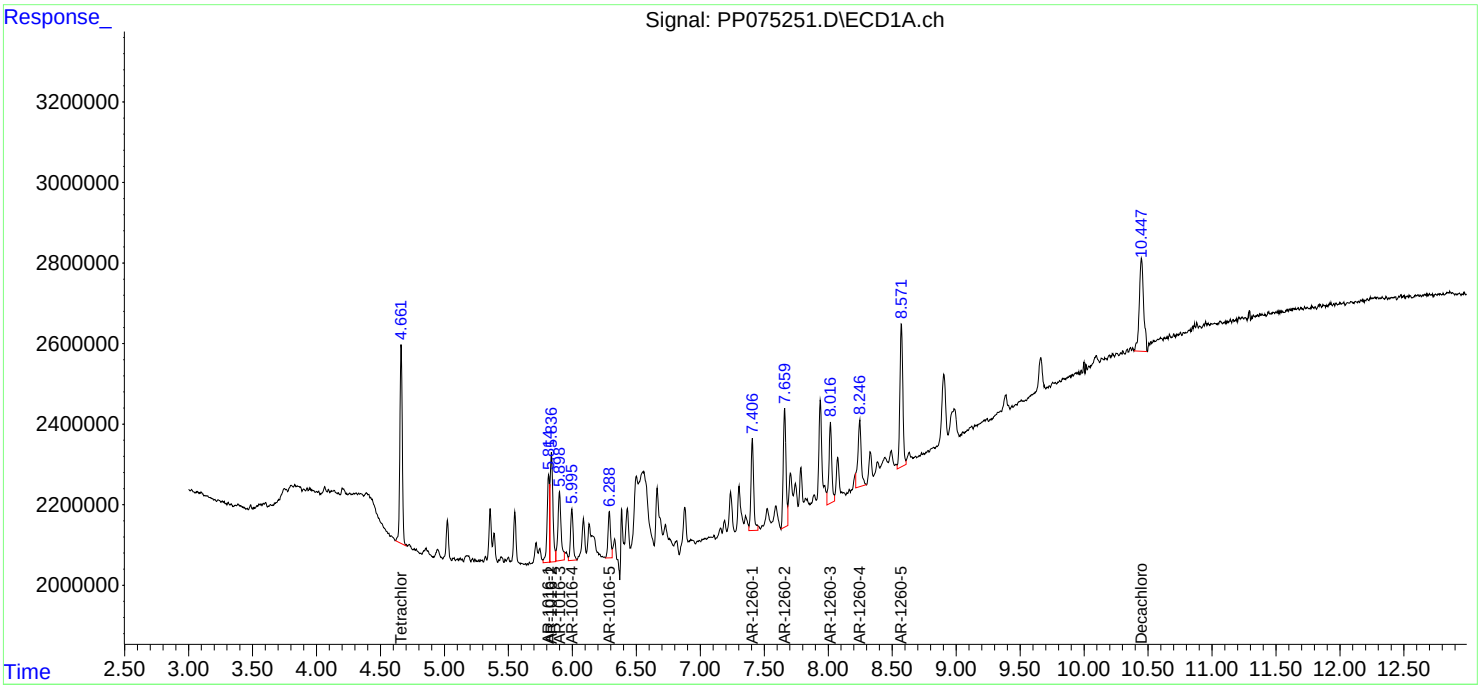
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

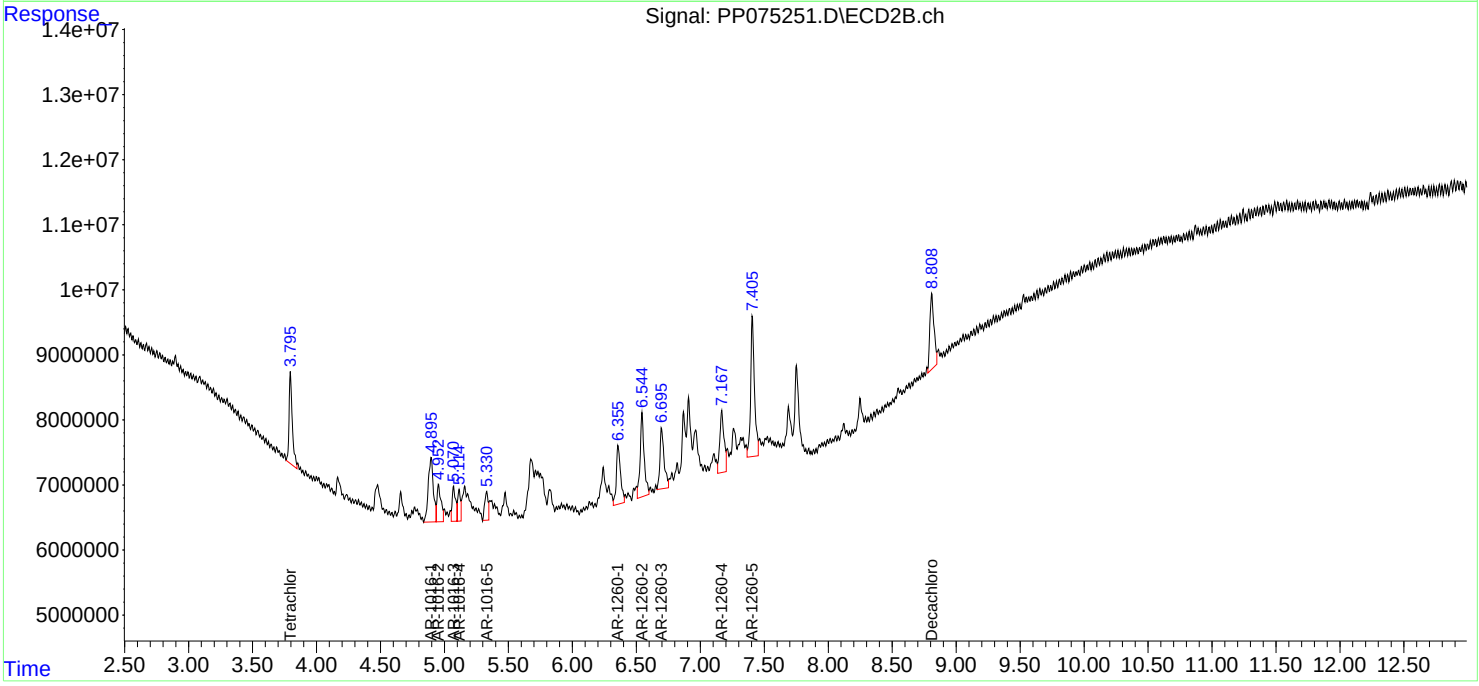
Manual Integrations APPROVED

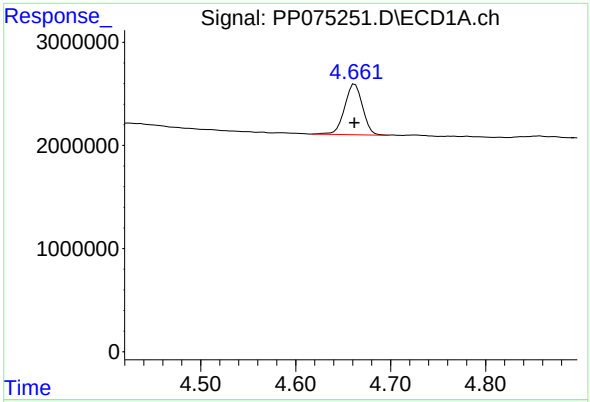
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:30:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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







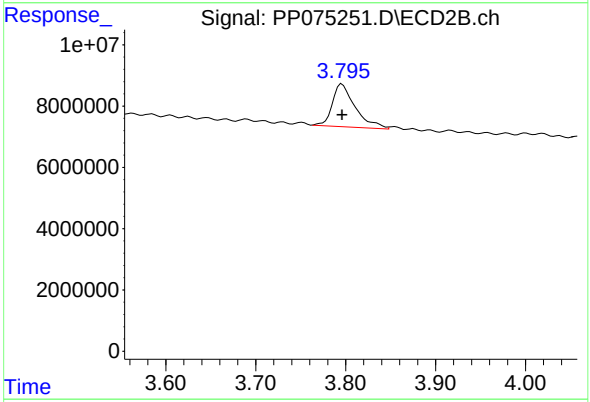
#1 Tetrachloro-m-xylene

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 6486797
Conc: 4.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

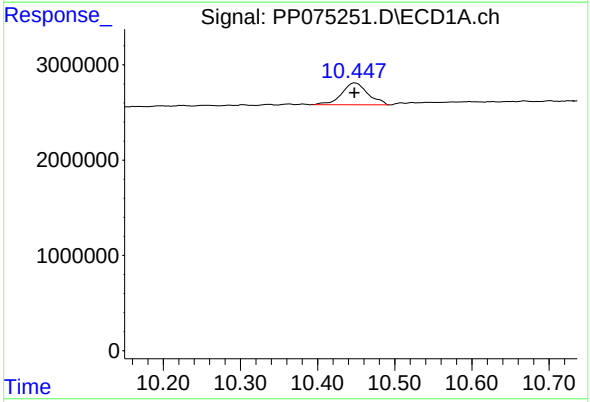
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



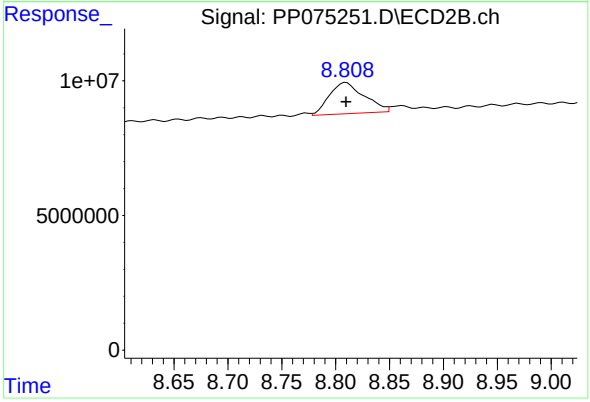
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 24654655
Conc: 4.04 ng/ml



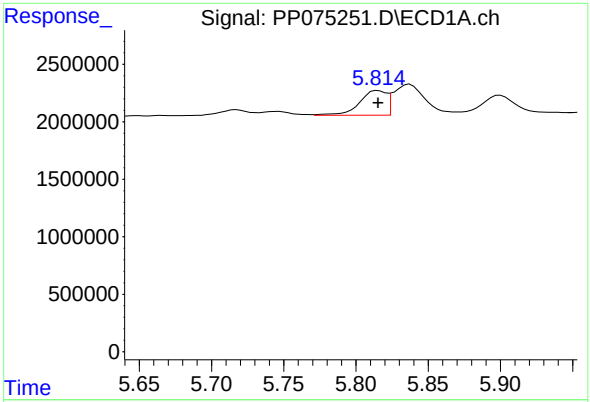
#2 Decachlorobiphenyl

R.T.: 10.447 min
Delta R.T.: 0.000 min
Response: 5429214
Conc: 5.43 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 26095826
Conc: 4.33 ng/ml



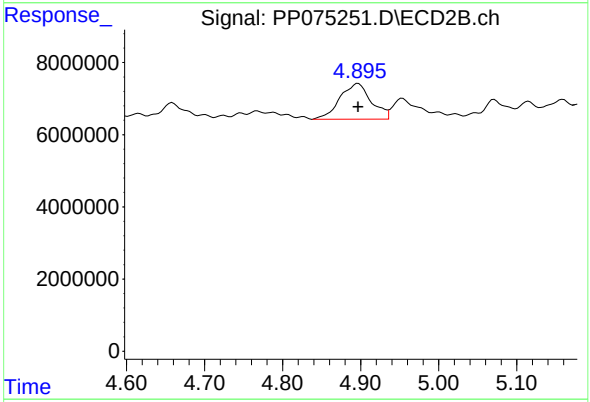
#3 AR-1016-1

R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 2807205
Conc: 58.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

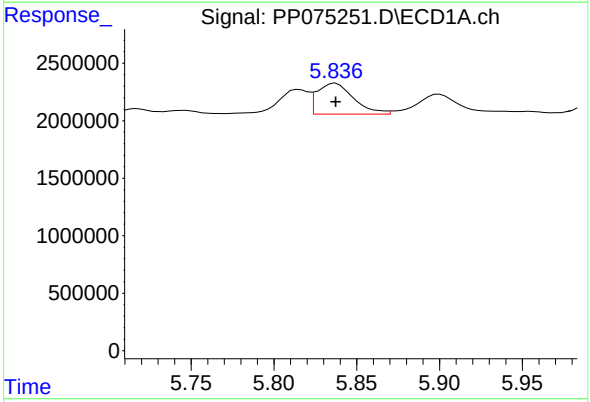
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



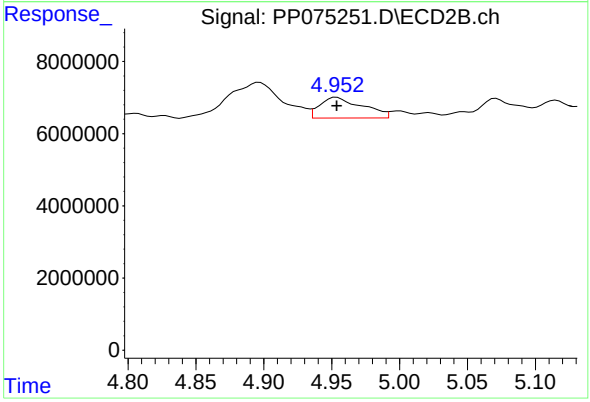
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 27537434
Conc: 49.09 ng/ml



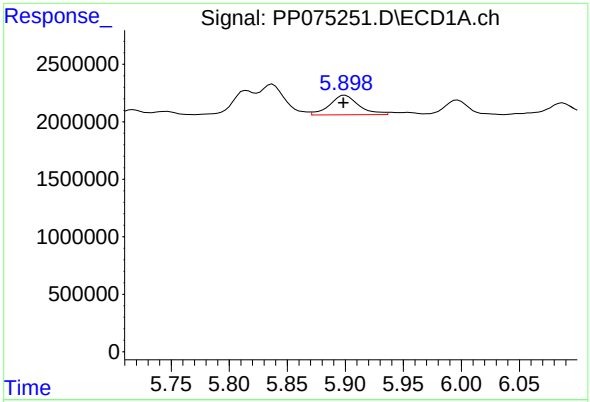
#4 AR-1016-2

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 4129694
Conc: 57.57 ng/ml



#4 AR-1016-2

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 12511665
Conc: 48.68 ng/ml



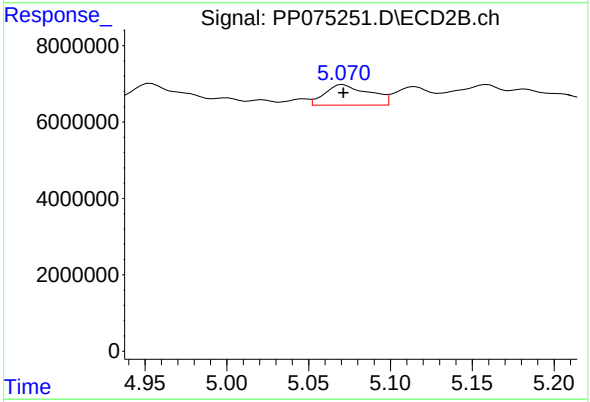
#5 AR-1016-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 3009502
Conc: 65.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

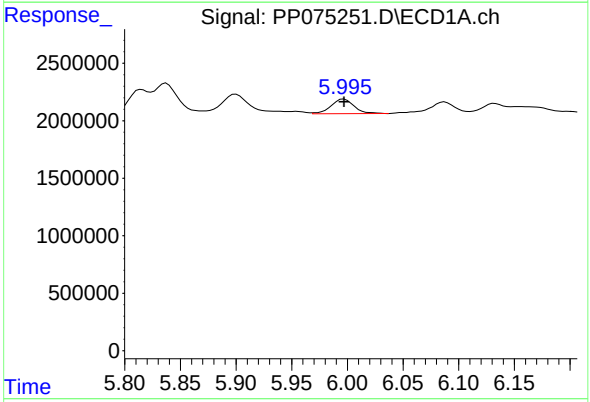
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



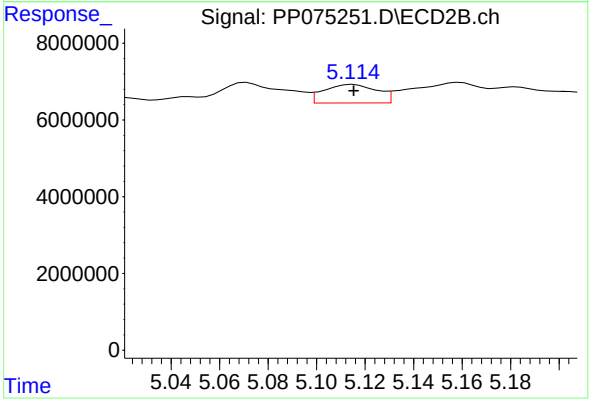
#5 AR-1016-3

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 10128766
Conc: 65.23 ng/ml



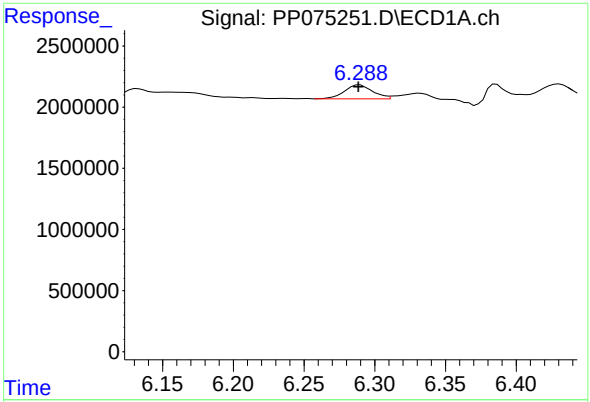
#6 AR-1016-4

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 1828194
Conc: 51.30 ng/ml



#6 AR-1016-4

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 7296933
Conc: 49.65 ng/ml



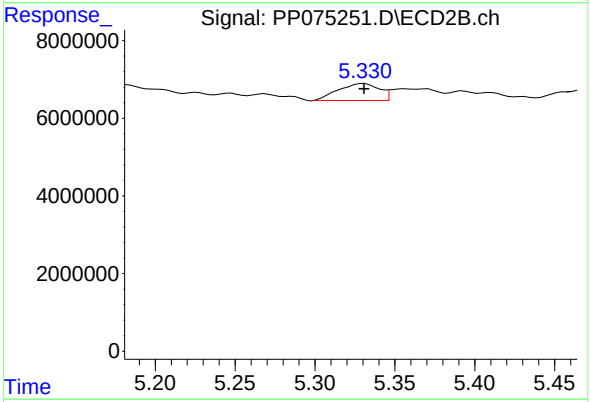
#7 AR-1016-5

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 1612829
Conc: 48.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

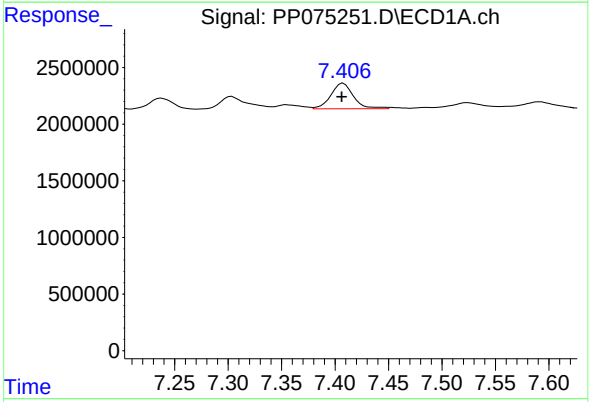
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



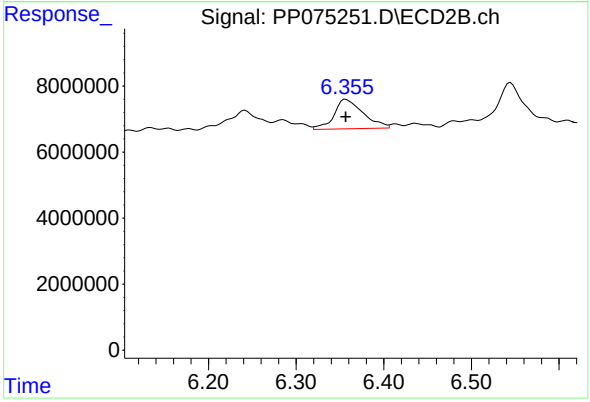
#7 AR-1016-5

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 7740730
Conc: 47.38 ng/ml



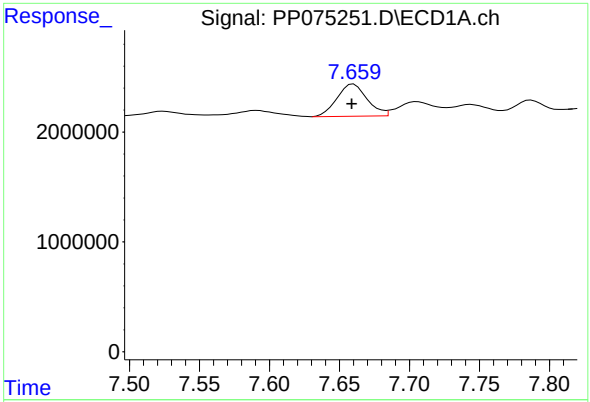
#31 AR-1260-1

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 3336459
Conc: 56.49 ng/ml m



#31 AR-1260-1

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 20710780
Conc: 51.02 ng/ml



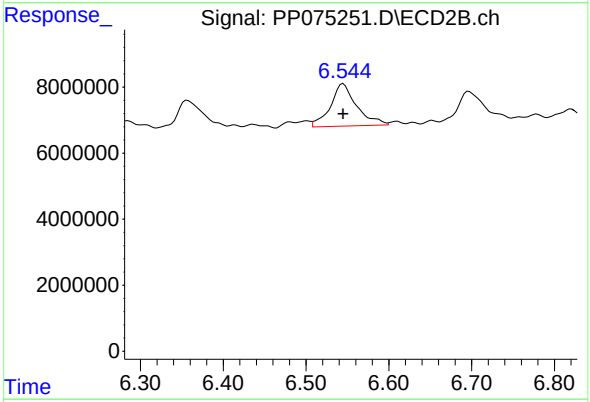
#32 AR-1260-2

R.T.: 7.660 min
Delta R.T.: 0.001 min
Response: 4392403
Conc: 62.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

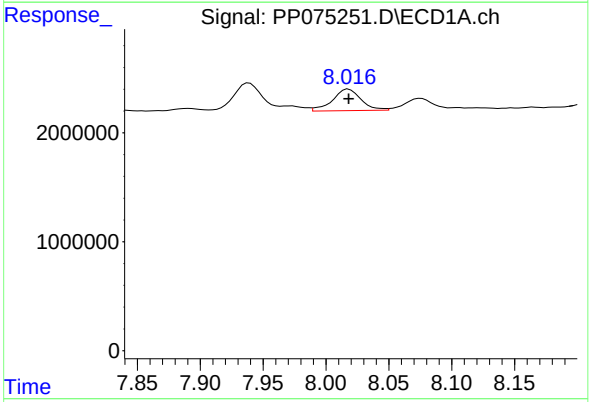
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



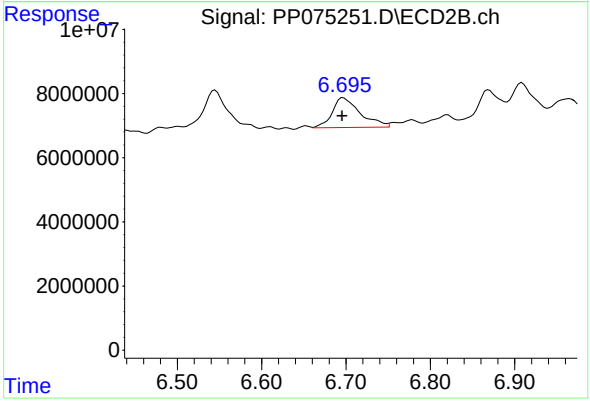
#32 AR-1260-2

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 28346486
Conc: 49.23 ng/ml



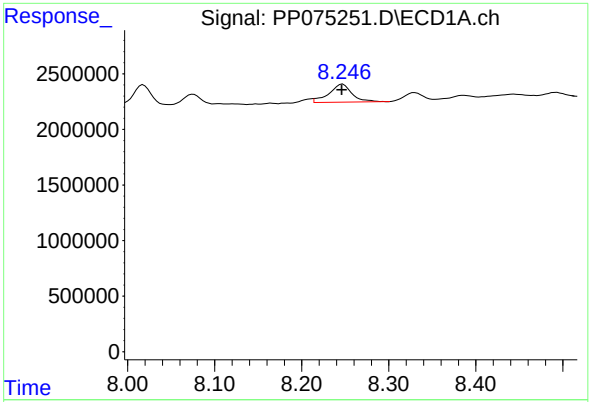
#33 AR-1260-3

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 3125448
Conc: 57.72 ng/ml



#33 AR-1260-3

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 21589727
Conc: 50.43 ng/ml m



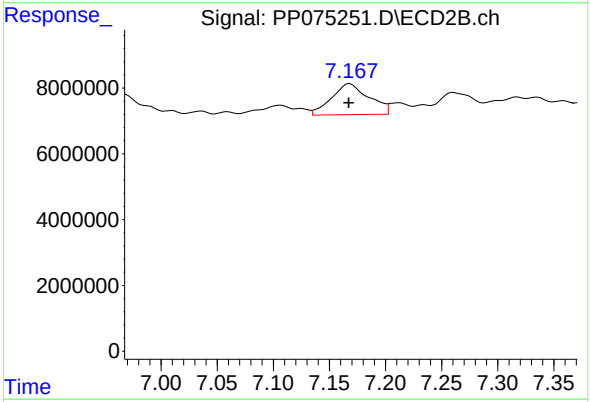
#34 AR-1260-4

R.T.: 8.246 min
Delta R.T.: 0.000 min
Response: 2962892
Conc: 51.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

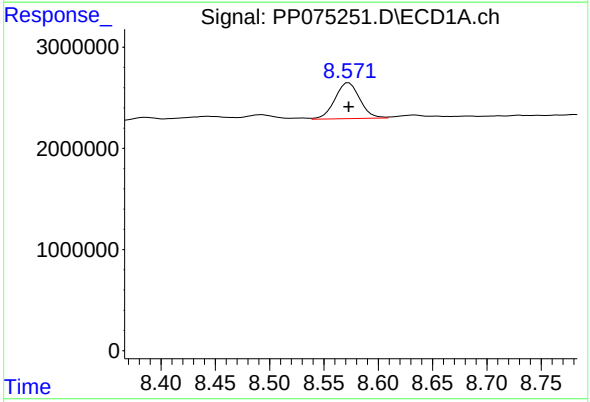
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



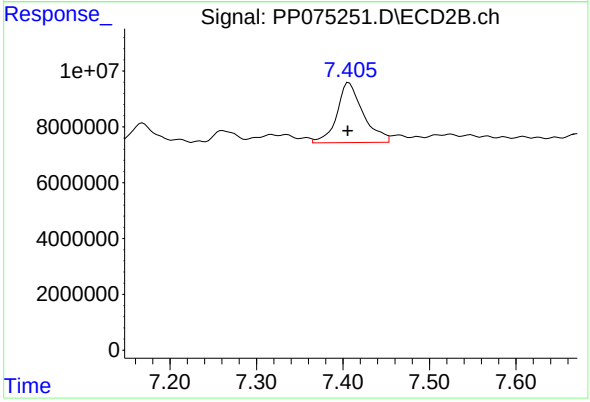
#34 AR-1260-4

R.T.: 7.168 min
Delta R.T.: 0.001 min
Response: 21848445
Conc: 52.18 ng/ml



#35 AR-1260-5

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 5660626
Conc: 51.55 ng/ml



#35 AR-1260-5

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 44925783
Conc: 43.36 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 10:27
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:52:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.797	66333410	311.2E6	50.000	50.000
2)	SA Decachlor...	10.443	8.805	49168629	311.8E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.860	4.008	9245327	38238805	500.000	500.000
9)	L2 AR-1221-2	4.946	4.093	6848929	26131566	500.000	500.000
10)	L2 AR-1221-3	5.021	4.168	20698858	95202751	500.000	500.000

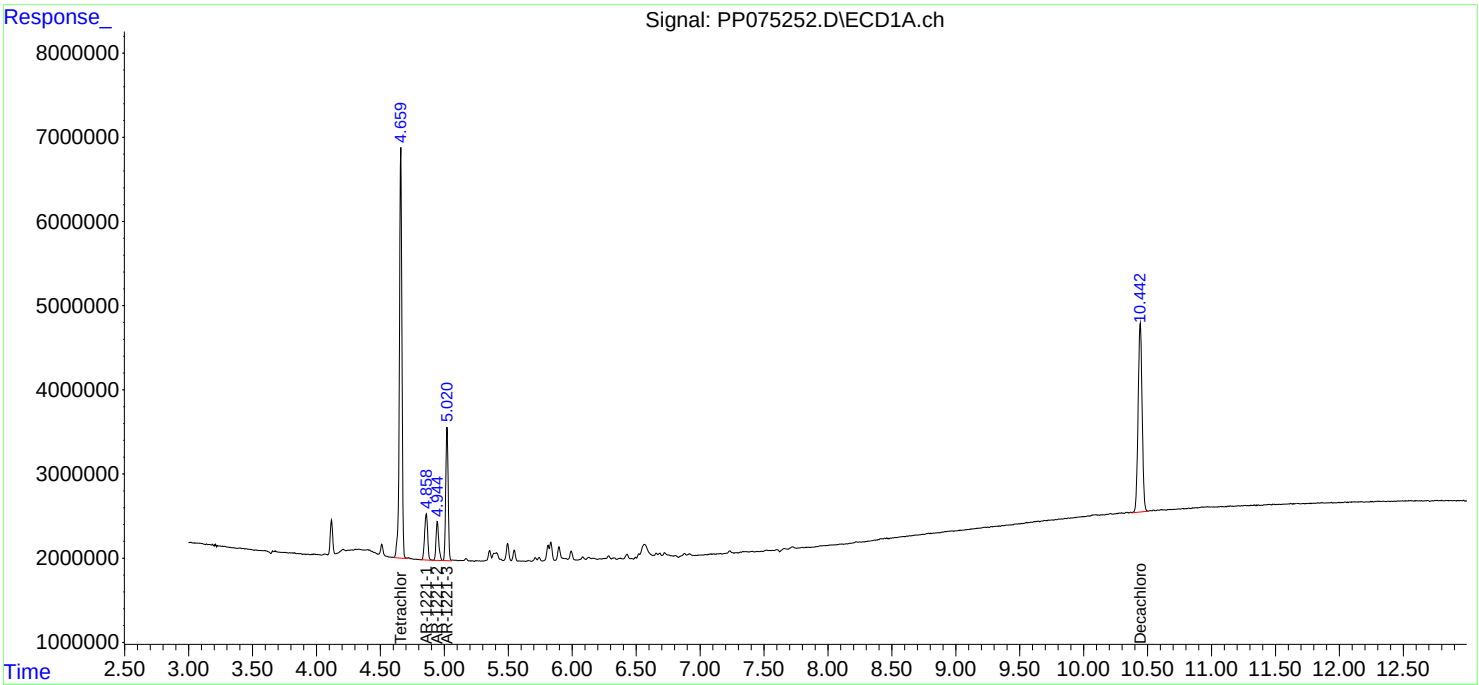
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

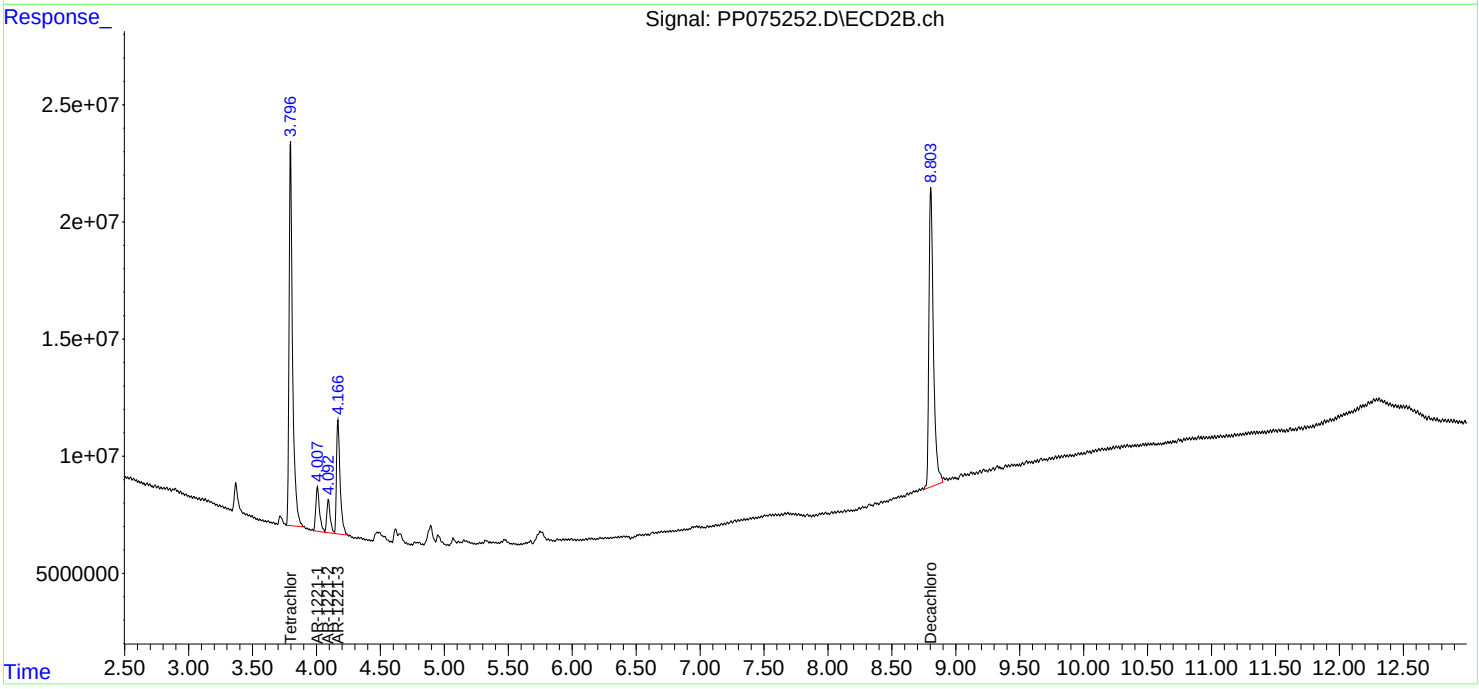
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 10:27
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

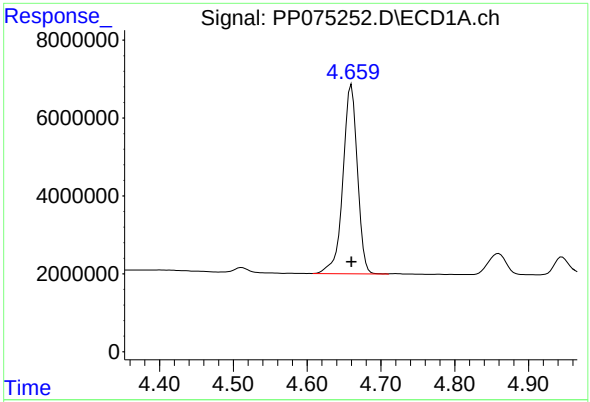
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:52:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



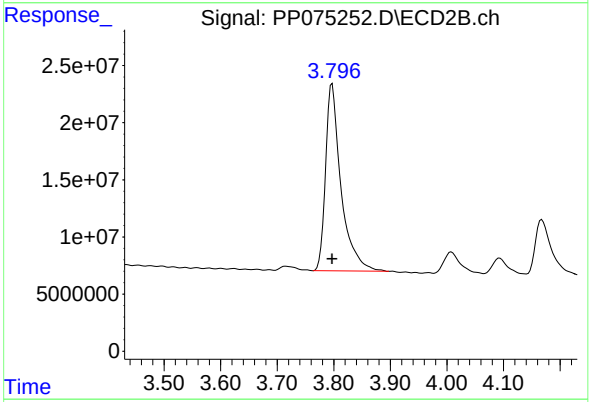




#1 Tetrachloro-m-xylene

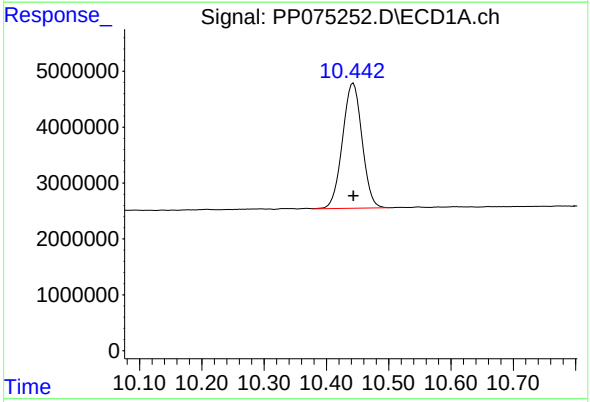
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 66333410
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



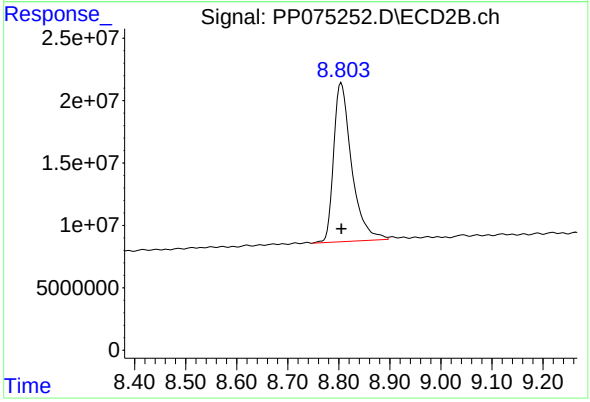
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 311163134
Conc: 50.00 ng/ml



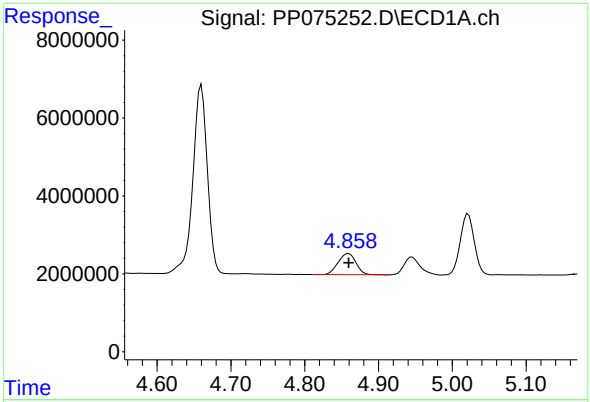
#2 Decachlorobiphenyl

R.T.: 10.443 min
Delta R.T.: 0.000 min
Response: 49168629
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

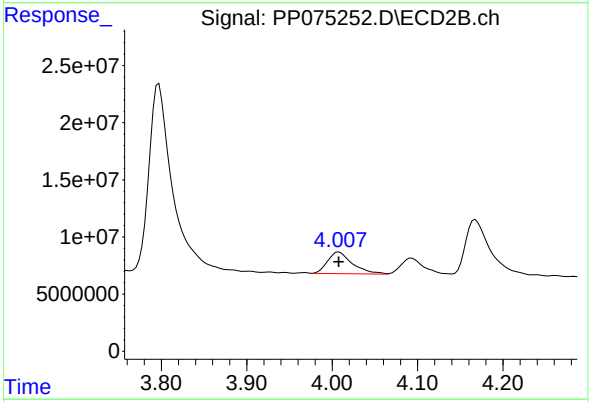
R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 311812597
Conc: 50.00 ng/ml



#8 AR-1221-1

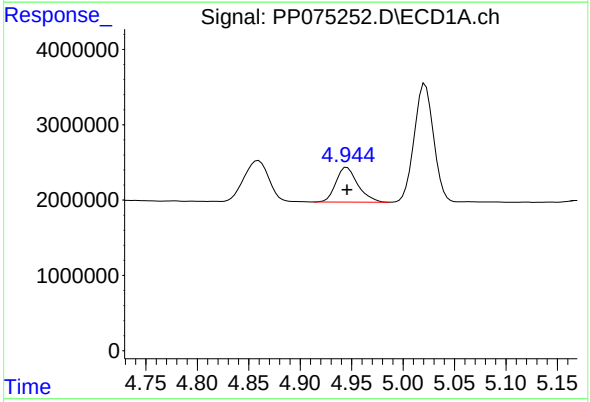
R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 9245327
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



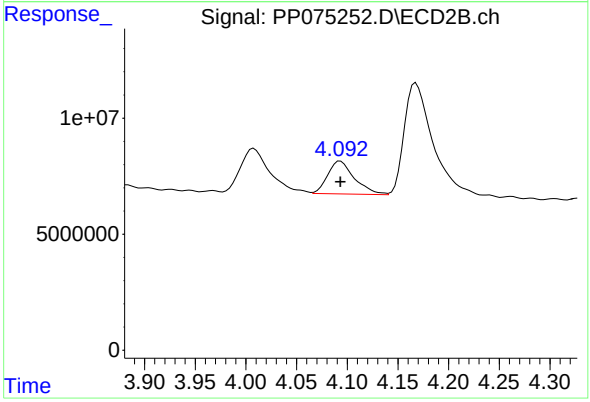
#8 AR-1221-1

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 38238805
Conc: 500.00 ng/ml



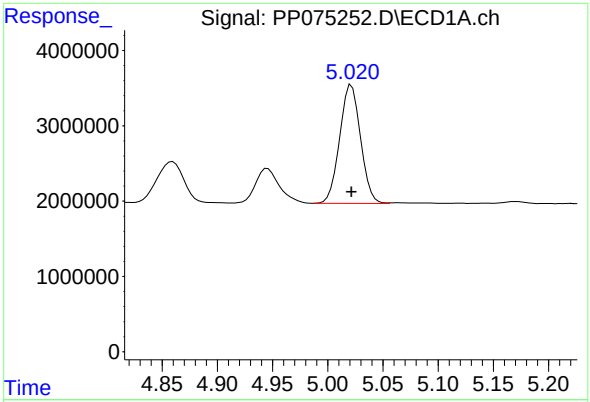
#9 AR-1221-2

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 6848929
Conc: 500.00 ng/ml



#9 AR-1221-2

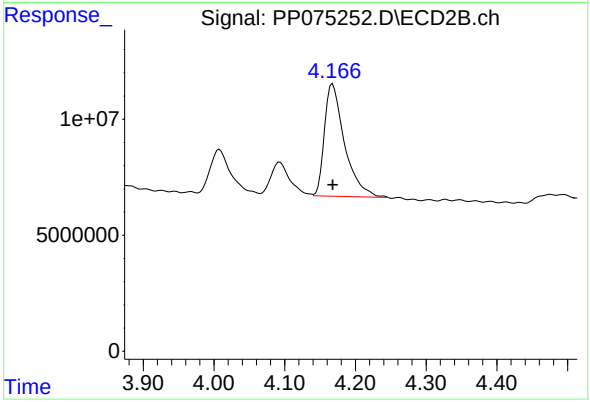
R.T.: 4.093 min
Delta R.T.: 0.000 min
Response: 26131566
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 20698858
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.168 min
Delta R.T.: 0.000 min
Response: 95202751
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 10:43
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:16:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:16:43 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...	4.657	3.797	66756778	323.1E6	50.000	50.000
2)	SA Decachlor...	10.440	8.805	50078510	307.1E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	5.018	4.168	16057787	73283142	500.000	500.000
12)	L3 AR-1232-2	5.544	4.894	8387436	126.1E6	500.000	500.000
13)	L3 AR-1232-3	5.831	5.071	16720373	31507455	500.000	500.000
14)	L3 AR-1232-4	5.990	5.154	8649563	51581797	500.000	500.000
15)	L3 AR-1232-5	6.080	5.326	6002207	32023272	500.000	500.000

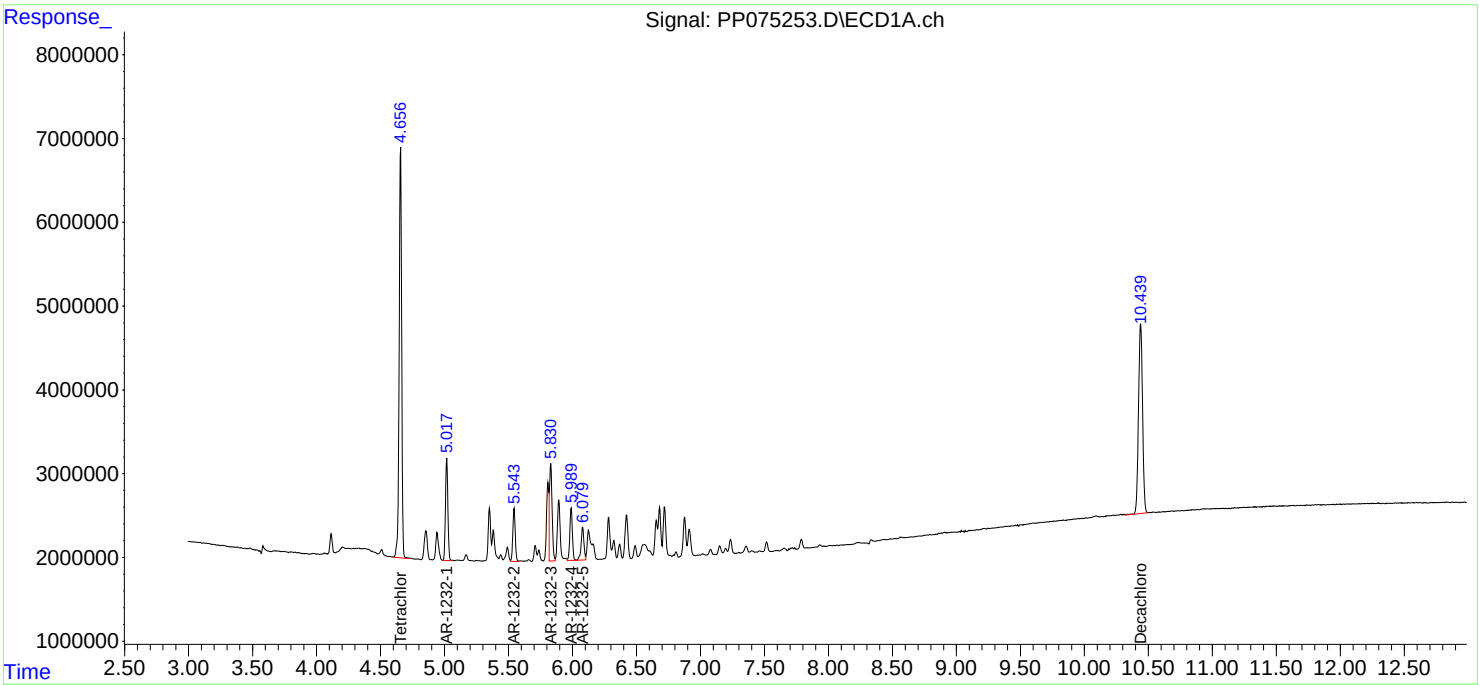
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

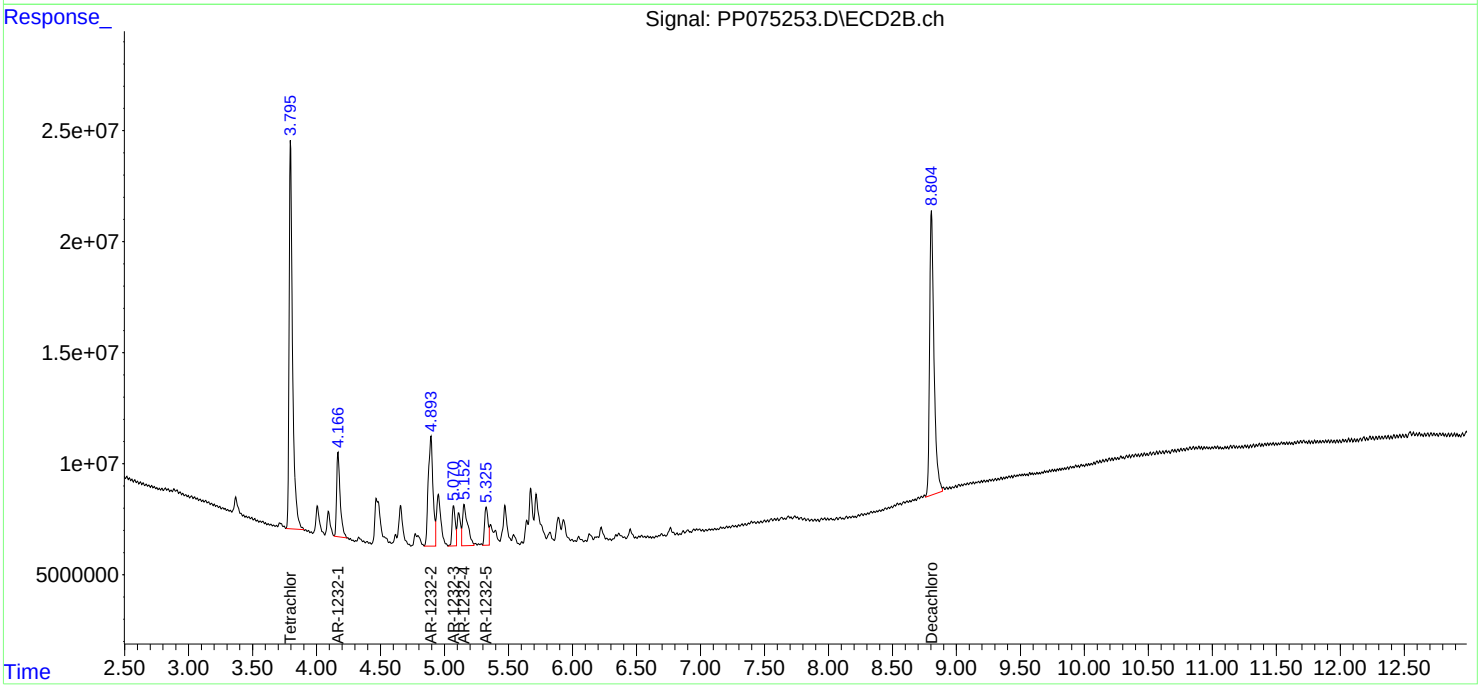
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 10:43
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

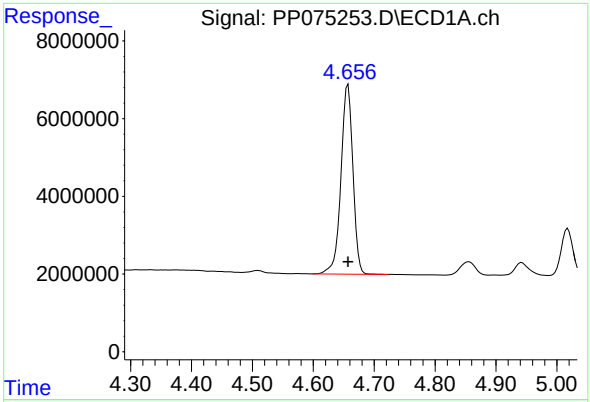
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:16:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:16:43 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



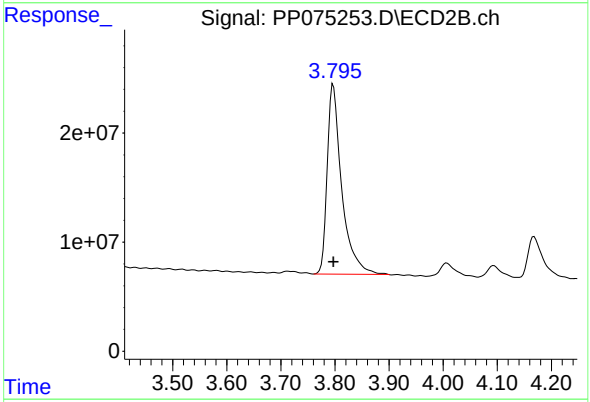




#1 Tetrachloro-m-xylene

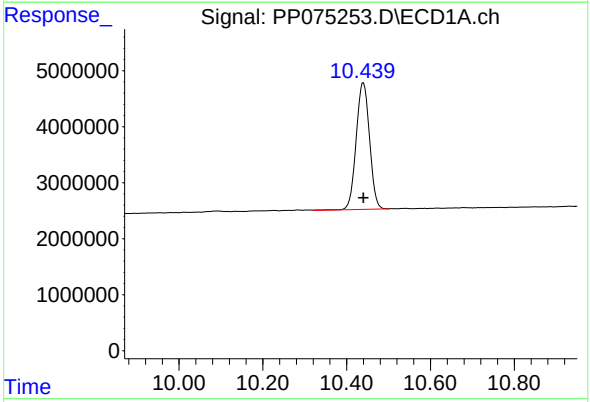
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 66756778
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



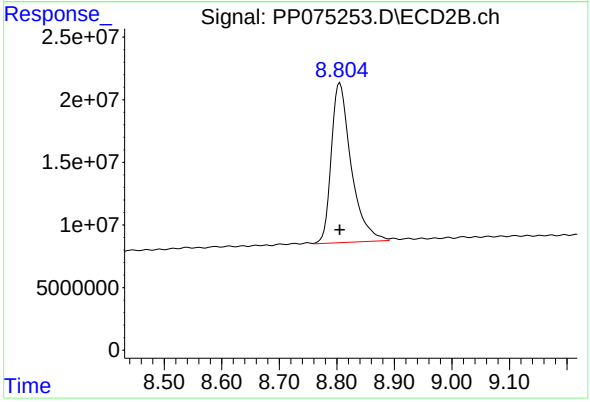
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 323108376
Conc: 50.00 ng/ml



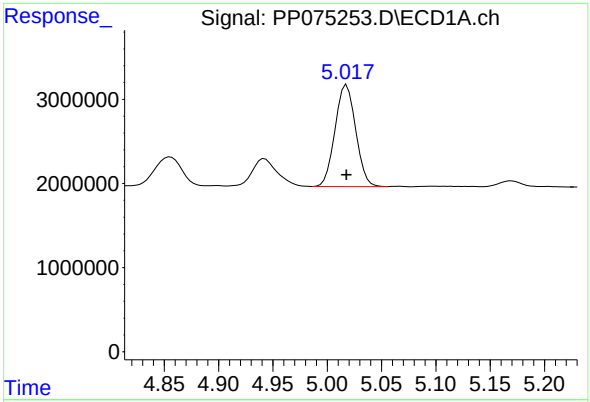
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.000 min
Response: 50078510
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

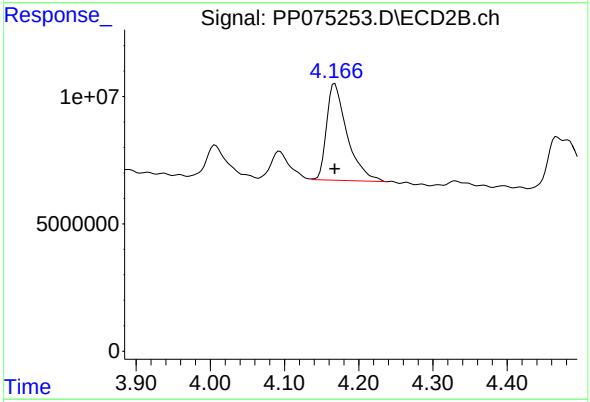
R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 307122792
Conc: 50.00 ng/ml



#11 AR-1232-1

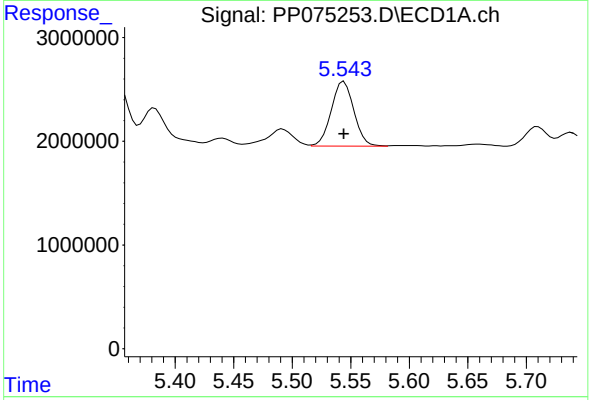
R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 16057787
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



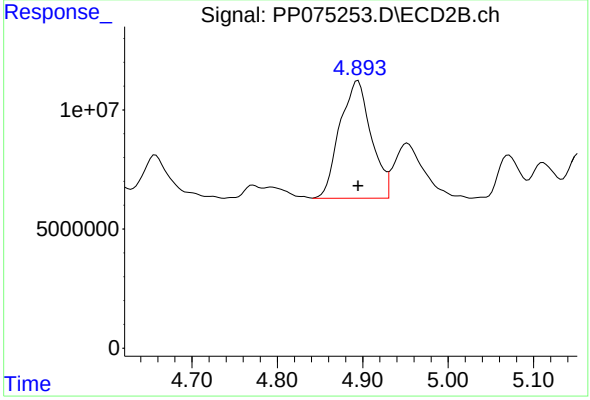
#11 AR-1232-1

R.T.: 4.168 min
Delta R.T.: 0.000 min
Response: 73283142
Conc: 500.00 ng/ml



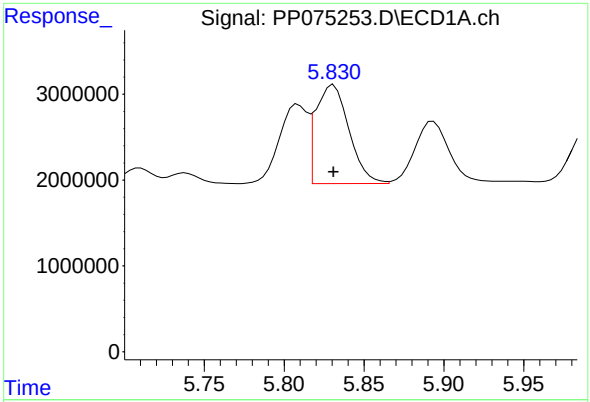
#12 AR-1232-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 8387436
Conc: 500.00 ng/ml



#12 AR-1232-2

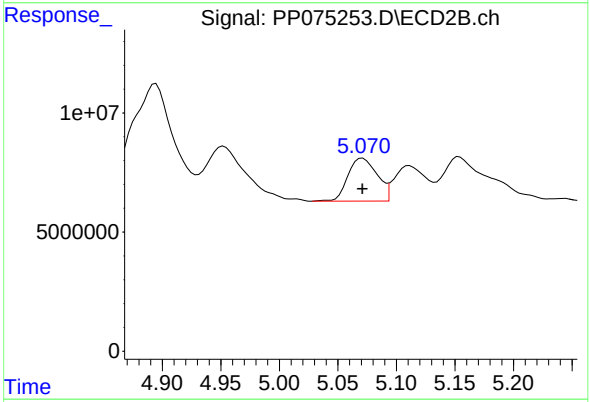
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 126098814
Conc: 500.00 ng/ml



#13 AR-1232-3

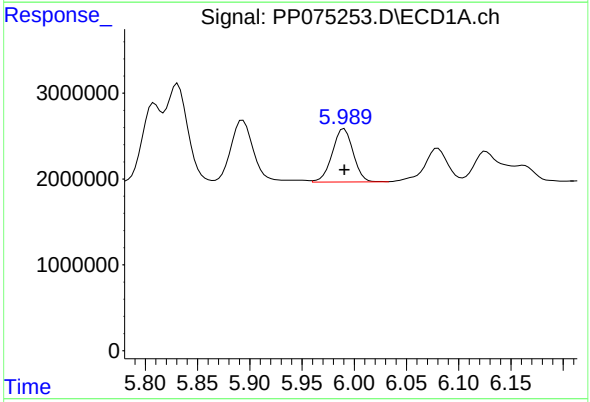
R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 16720373
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



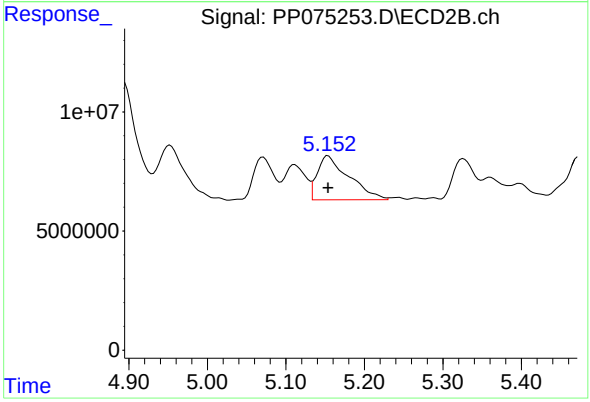
#13 AR-1232-3

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 31507455
Conc: 500.00 ng/ml



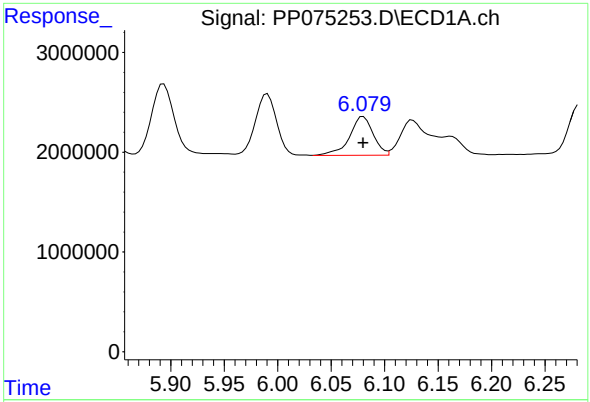
#14 AR-1232-4

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 8649563
Conc: 500.00 ng/ml



#14 AR-1232-4

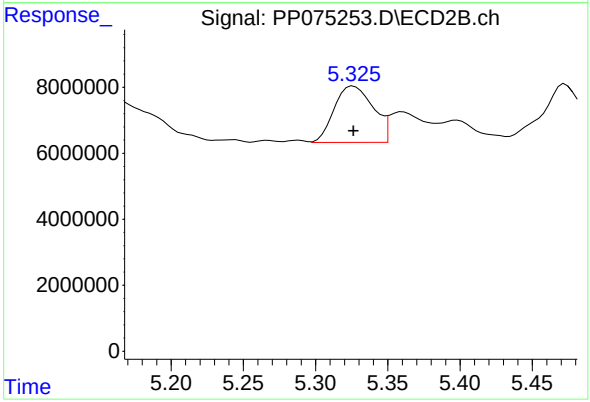
R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 51581797
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 6002207
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 32023272
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:00
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:48:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:43:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.799	123.6E6	637.1E6	96.711	102.369
2)	SA Decachlor...	10.443	8.807	92662703	621.0E6	96.022	98.992
	Target Compounds						
16)	L4 AR-1242-1	5.812	4.896	36886529	472.2E6	944.472	985.391
17)	L4 AR-1242-2	5.834	4.954	55040068	217.5E6	954.815	1002.295
18)	L4 AR-1242-3	5.896	5.073	34279044	123.3E6	940.039	1006.547
19)	L4 AR-1242-4	5.993	5.155	28461551	159.3E6	952.139	958.832m
20)	L4 AR-1242-5	6.723	5.677	31568865	192.1E6	939.198	994.431

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:00
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

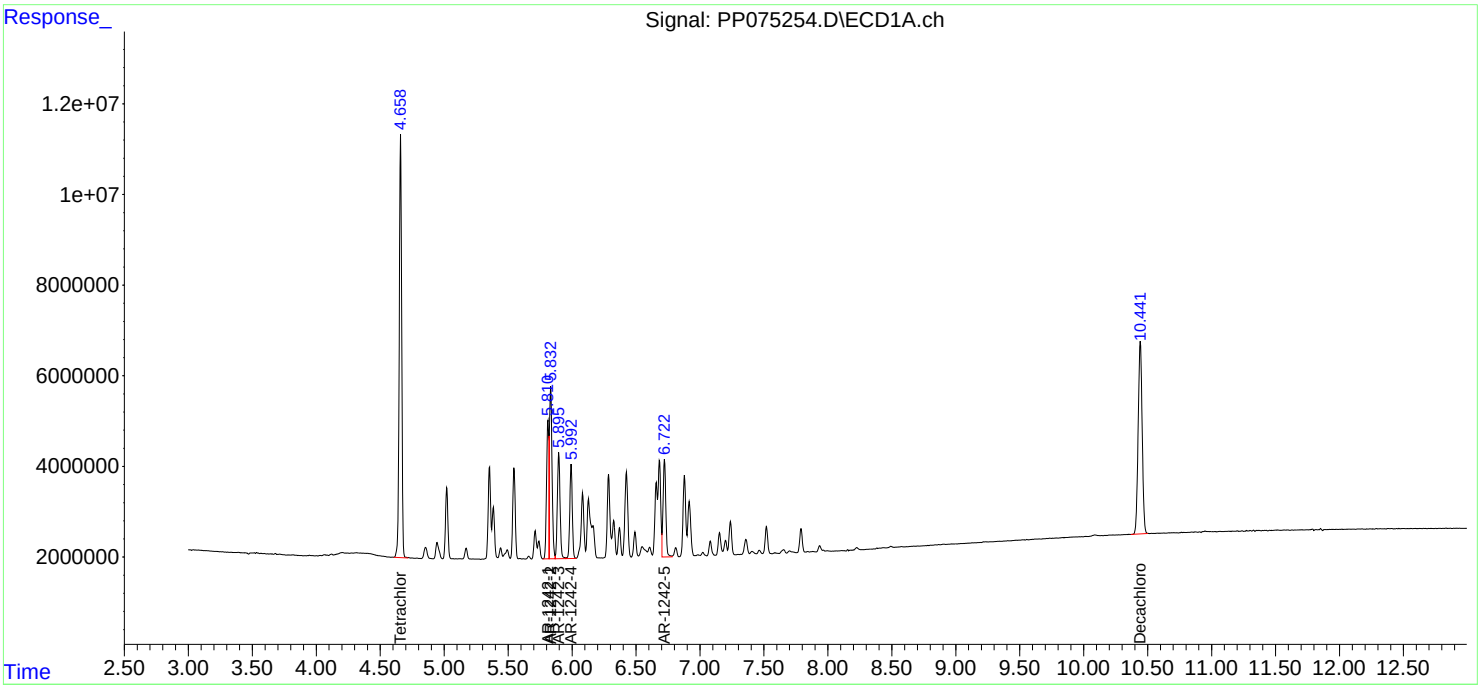
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

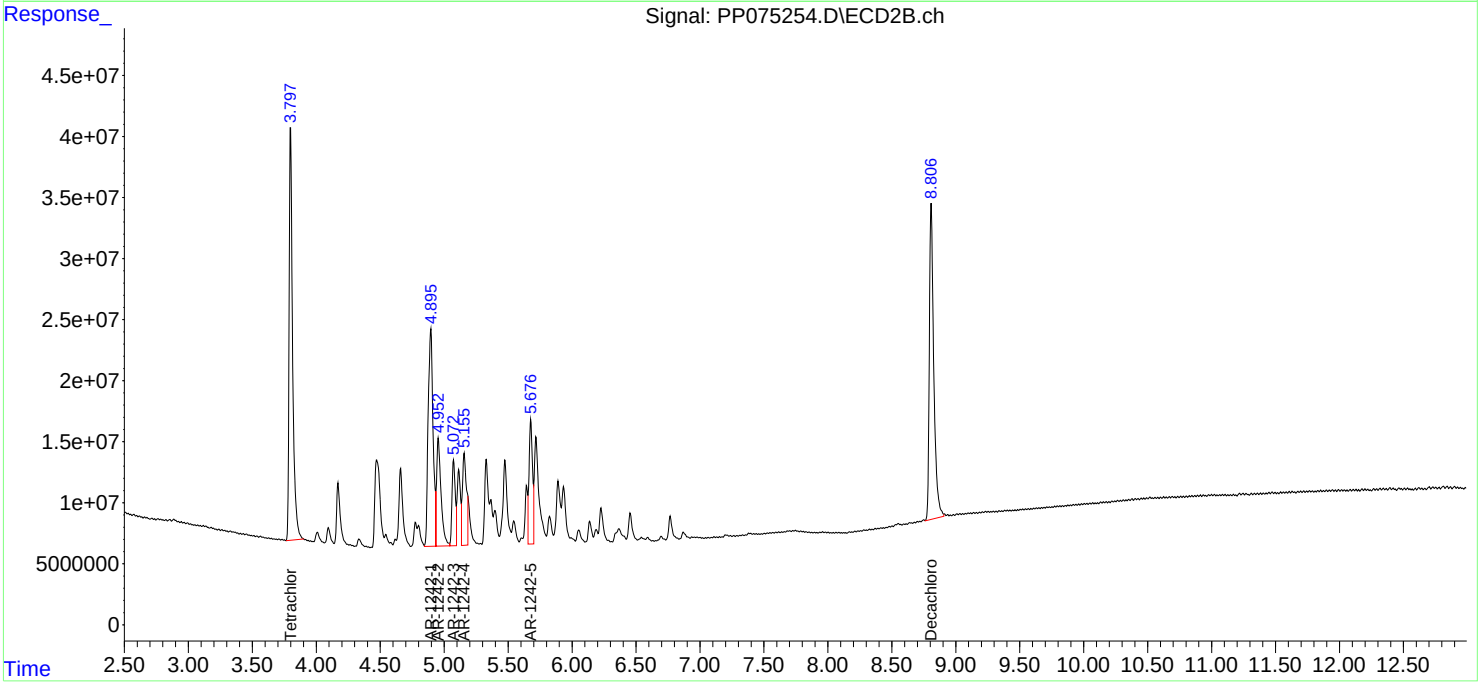
Manual Integrations APPROVED

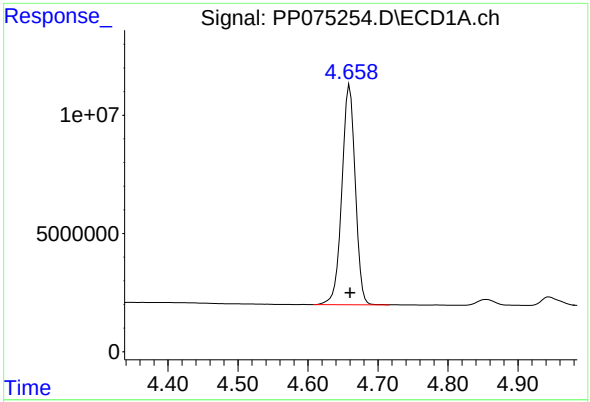
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:48:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:43:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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







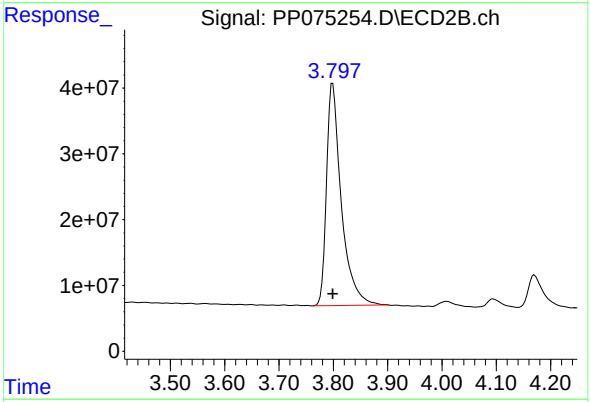
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 123623850
Conc: 96.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

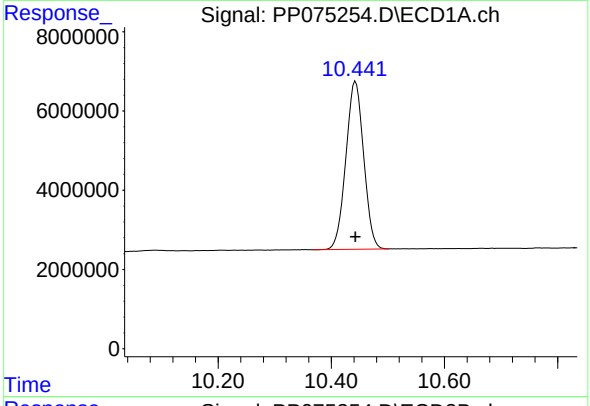
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



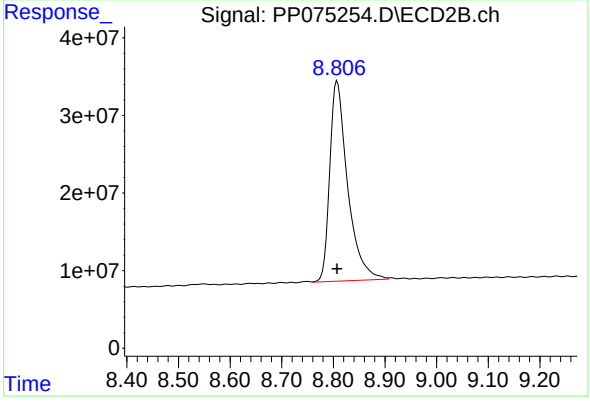
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 637105784
Conc: 102.37 ng/ml



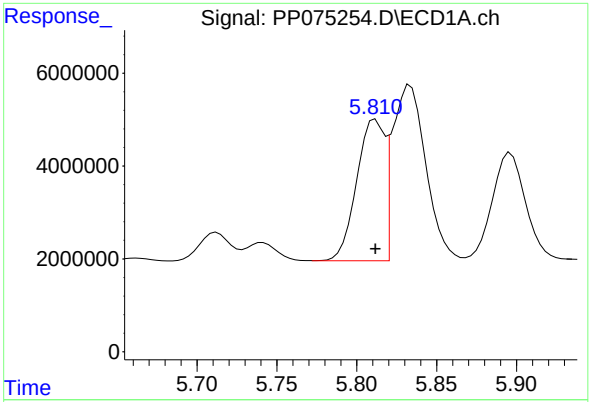
#2 Decachlorobiphenyl

R.T.: 10.443 min
Delta R.T.: 0.000 min
Response: 92662703
Conc: 96.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.807 min
Delta R.T.: 0.000 min
Response: 621028389
Conc: 98.99 ng/ml



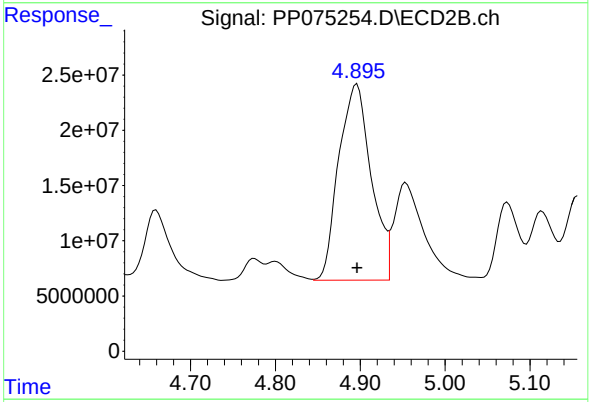
#16 AR-1242-1

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 36886529
Conc: 944.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

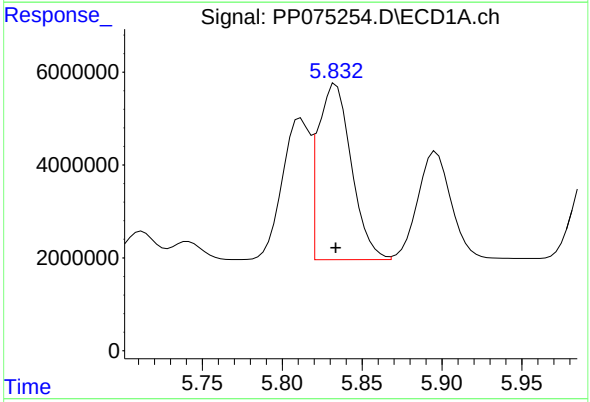
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



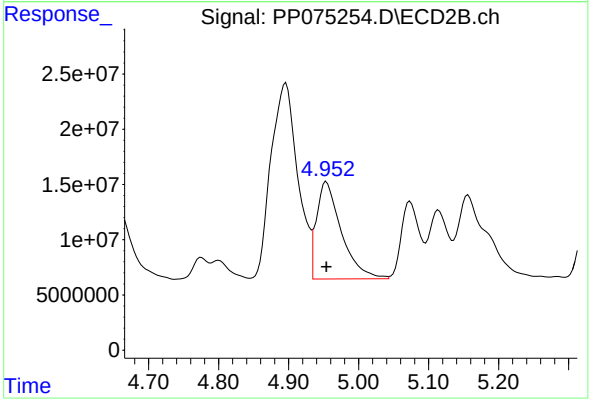
#16 AR-1242-1

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 472236904
Conc: 985.39 ng/ml



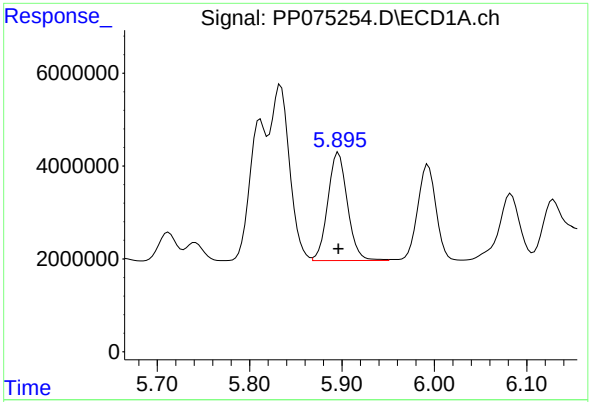
#17 AR-1242-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 55040068
Conc: 954.81 ng/ml



#17 AR-1242-2

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 217510086
Conc: 1002.30 ng/ml



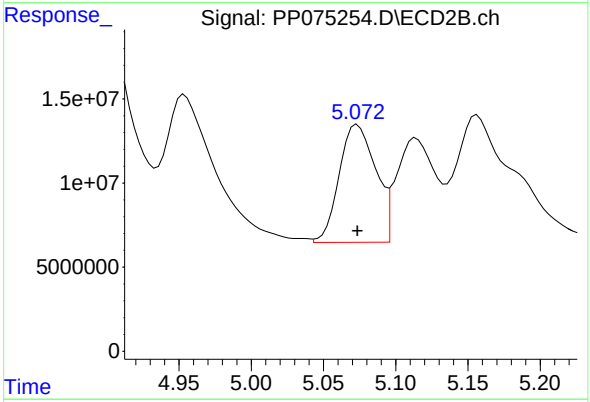
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 34279044
Conc: 940.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

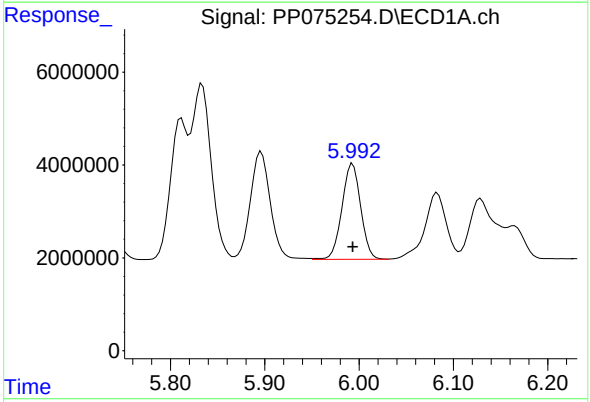
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



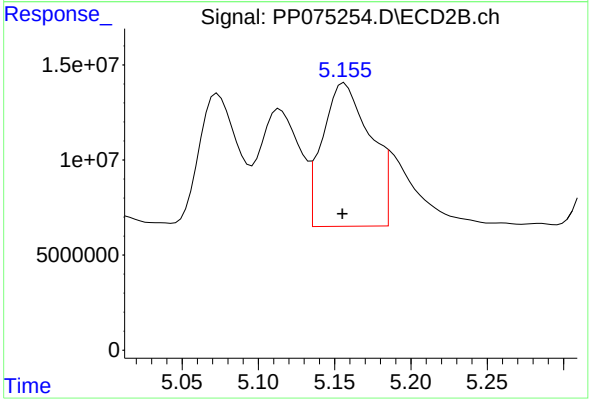
#18 AR-1242-3

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 123250580
Conc: 1006.55 ng/ml



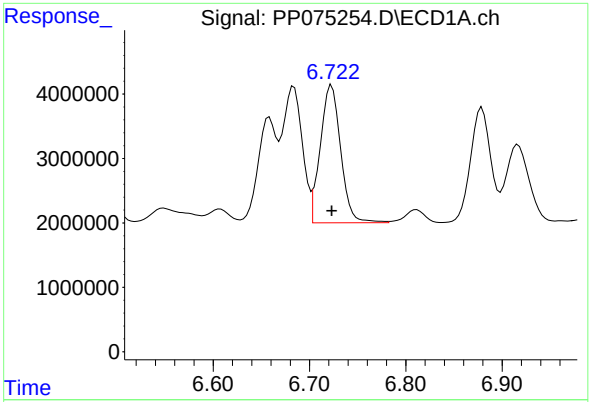
#19 AR-1242-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 28461551
Conc: 952.14 ng/ml



#19 AR-1242-4

R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 159270704
Conc: 958.83 ng/ml m



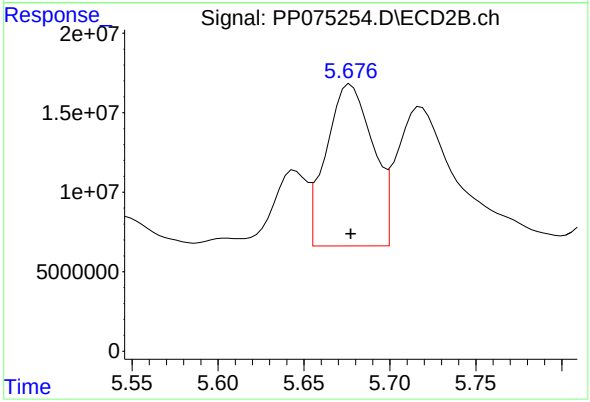
#20 AR-1242-5

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 31568865
Conc: 939.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 192075351
Conc: 994.43 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:16
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:51:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:43:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.800	97168171	469.6E6	75.674	75.300
2)	SA Decachlor...	10.439	8.807	72638787	466.8E6	75.181	74.600
	Target Compounds						
16)	L4 AR-1242-1	5.808	4.897	29413504	364.4E6	752.082	756.863
17)	L4 AR-1242-2	5.830	4.955	43483200	162.3E6	752.881	748.698
18)	L4 AR-1242-3	5.892	5.073	27466678	92235555	752.145	752.168
19)	L4 AR-1242-4	5.989	5.156	22479541	121.9E6	751.345	763.610m
20)	L4 AR-1242-5	6.719	5.678	25081847	147.5E6	747.465	759.181

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:16
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

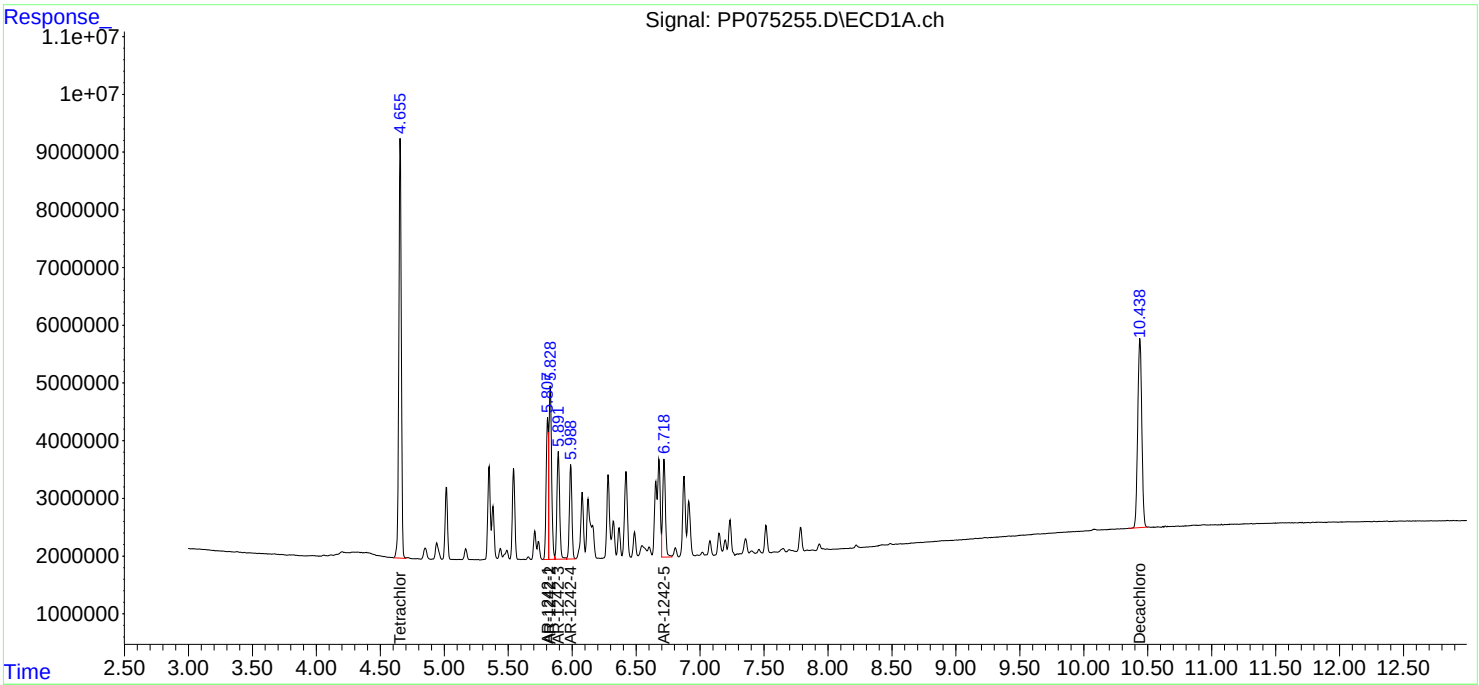
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

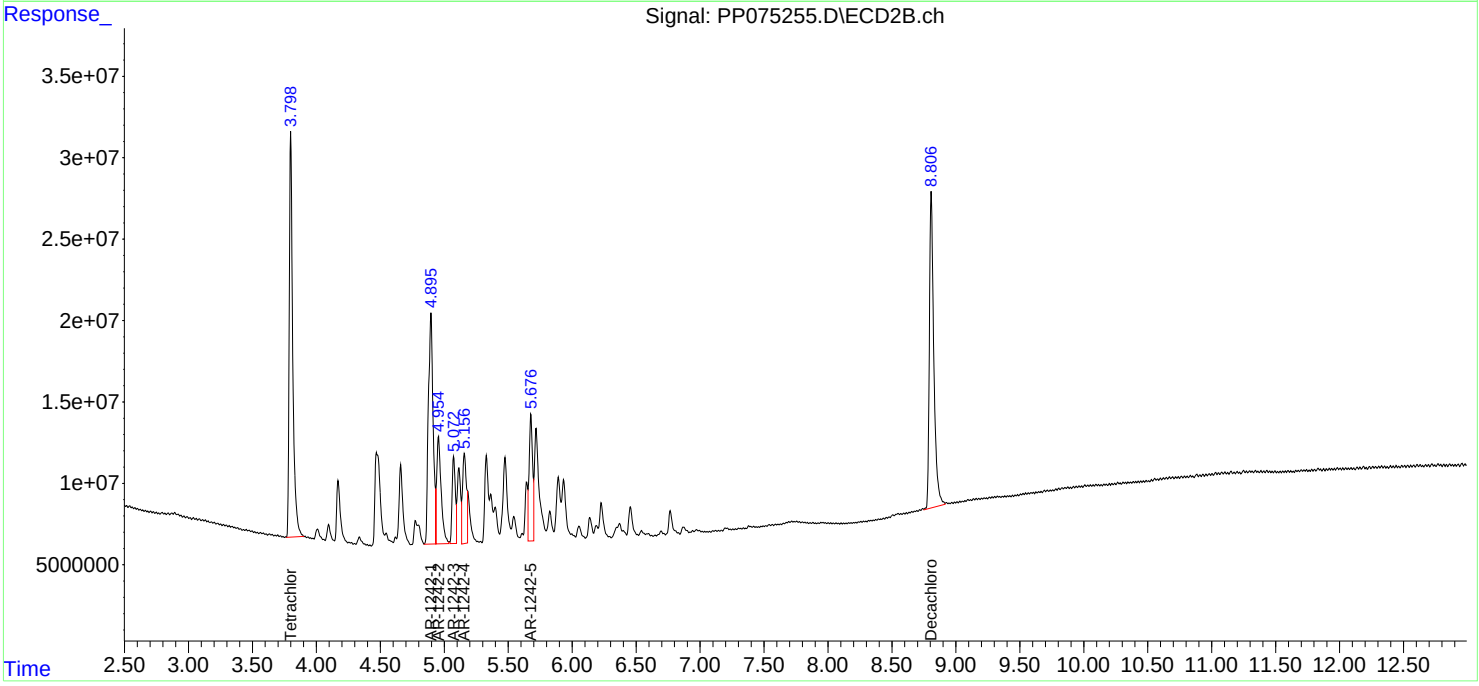
Manual Integrations APPROVED

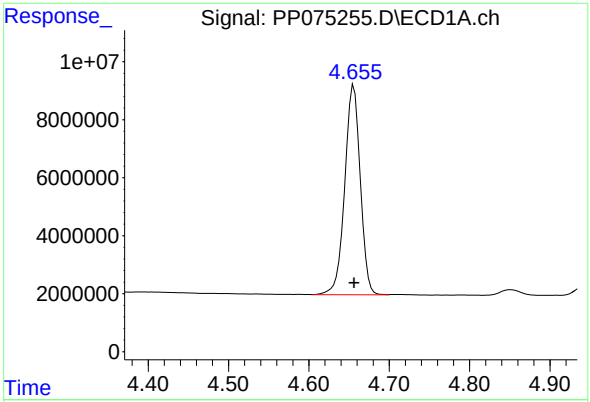
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:51:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:43:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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







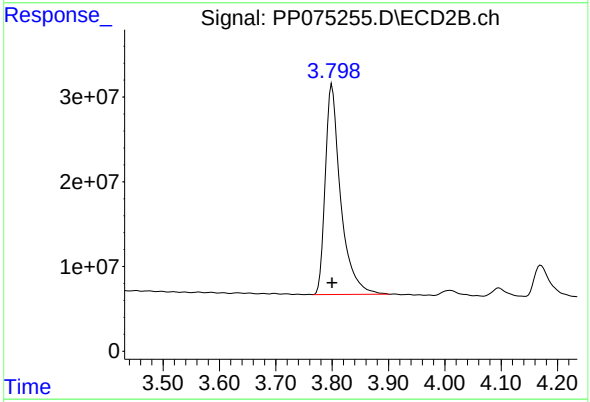
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 97168171
Conc: 75.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

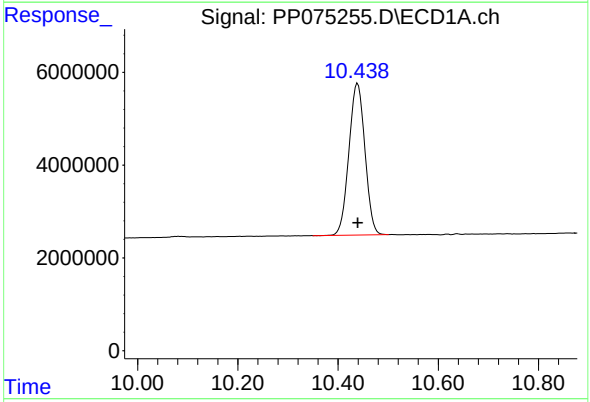
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



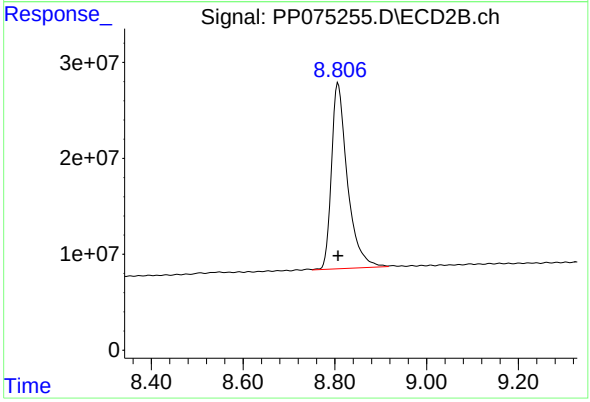
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 469578212
Conc: 75.30 ng/ml



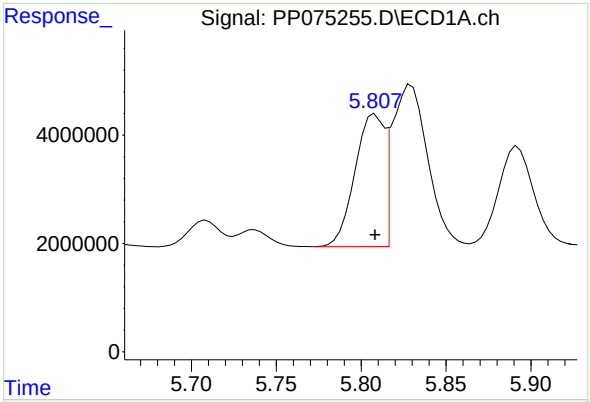
#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.000 min
Response: 72638787
Conc: 75.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.807 min
Delta R.T.: 0.000 min
Response: 466755427
Conc: 74.60 ng/ml



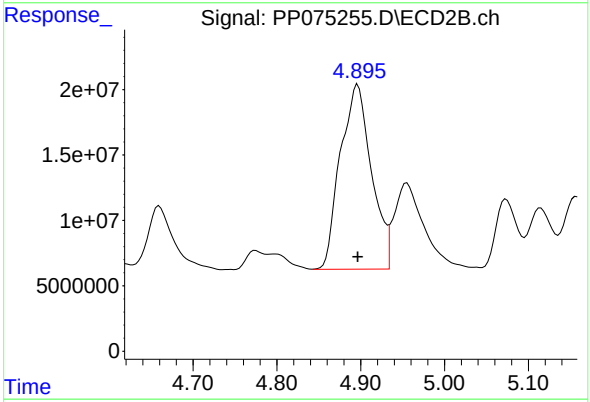
#16 AR-1242-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 29413504
Conc: 752.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

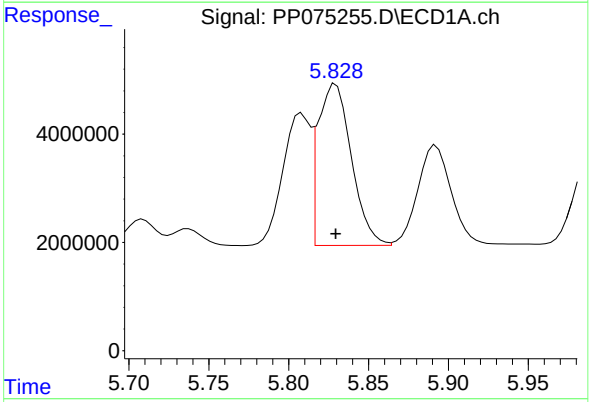
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



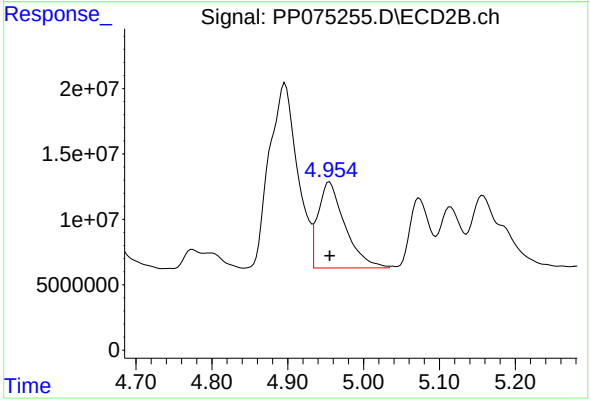
#16 AR-1242-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 364384624
Conc: 756.86 ng/ml



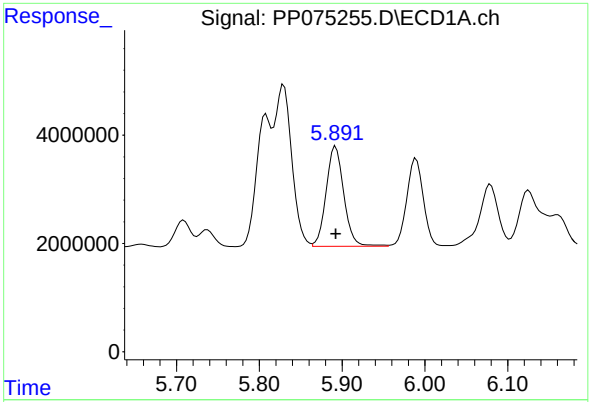
#17 AR-1242-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 43483200
Conc: 752.88 ng/ml



#17 AR-1242-2

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 162335588
Conc: 748.70 ng/ml



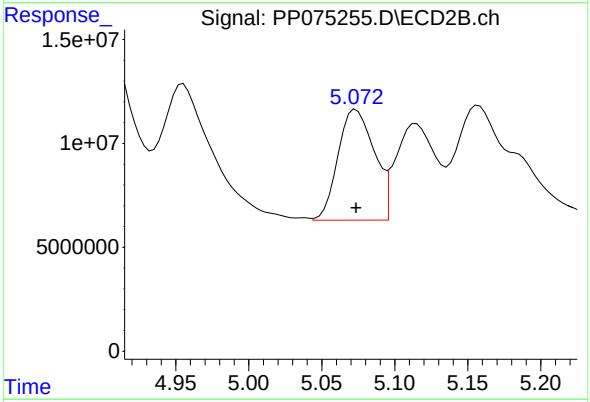
#18 AR-1242-3

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 27466678
Conc: 752.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

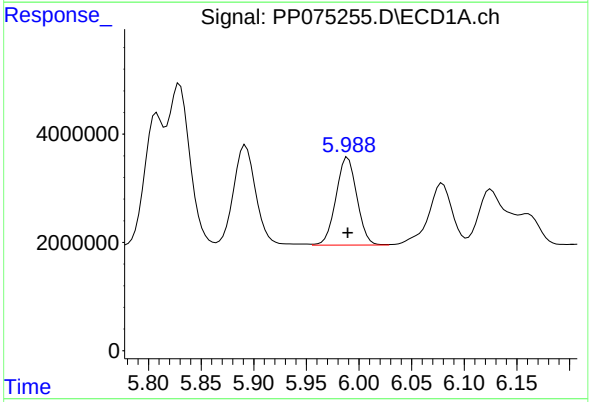
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



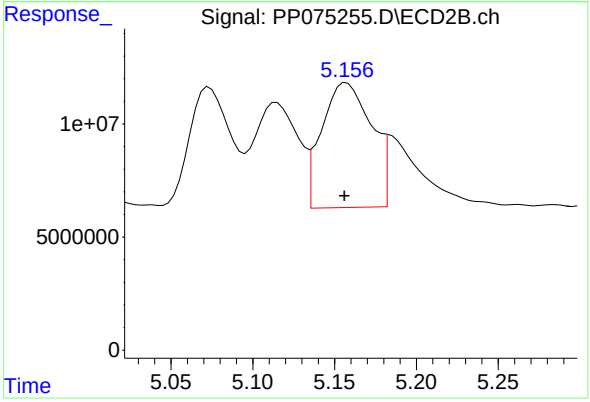
#18 AR-1242-3

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 92235555
Conc: 752.17 ng/ml



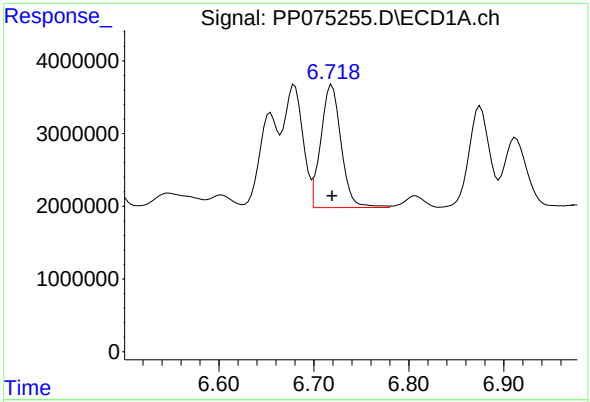
#19 AR-1242-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 22479541
Conc: 751.35 ng/ml



#19 AR-1242-4

R.T.: 5.156 min
Delta R.T.: 0.000 min
Response: 121935692
Conc: 763.61 ng/ml m



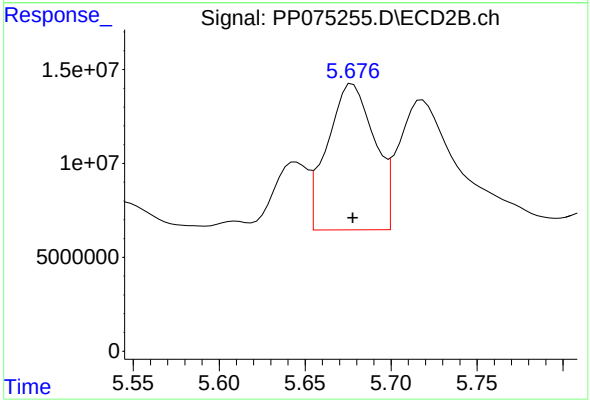
#20 AR-1242-5

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 25081847
Conc: 747.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 147539663
Conc: 759.18 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:32
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:43:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.799	66015633	303.8E6	50.000	50.000
2)	SA Decachlor...	10.443	8.808	50169729	316.8E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.811	4.895	20611924	243.1E6	500.000	500.000
17)	L4 AR-1242-2	5.832	4.954	30124732	108.3E6	500.000	500.000
18)	L4 AR-1242-3	5.895	5.073	19326019	60823625	500.000	500.000
19)	L4 AR-1242-4	5.992	5.155	15661455	81817884	500.000	481.178m
20)	L4 AR-1242-5	6.722	5.676	17828128	97113427	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:32
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

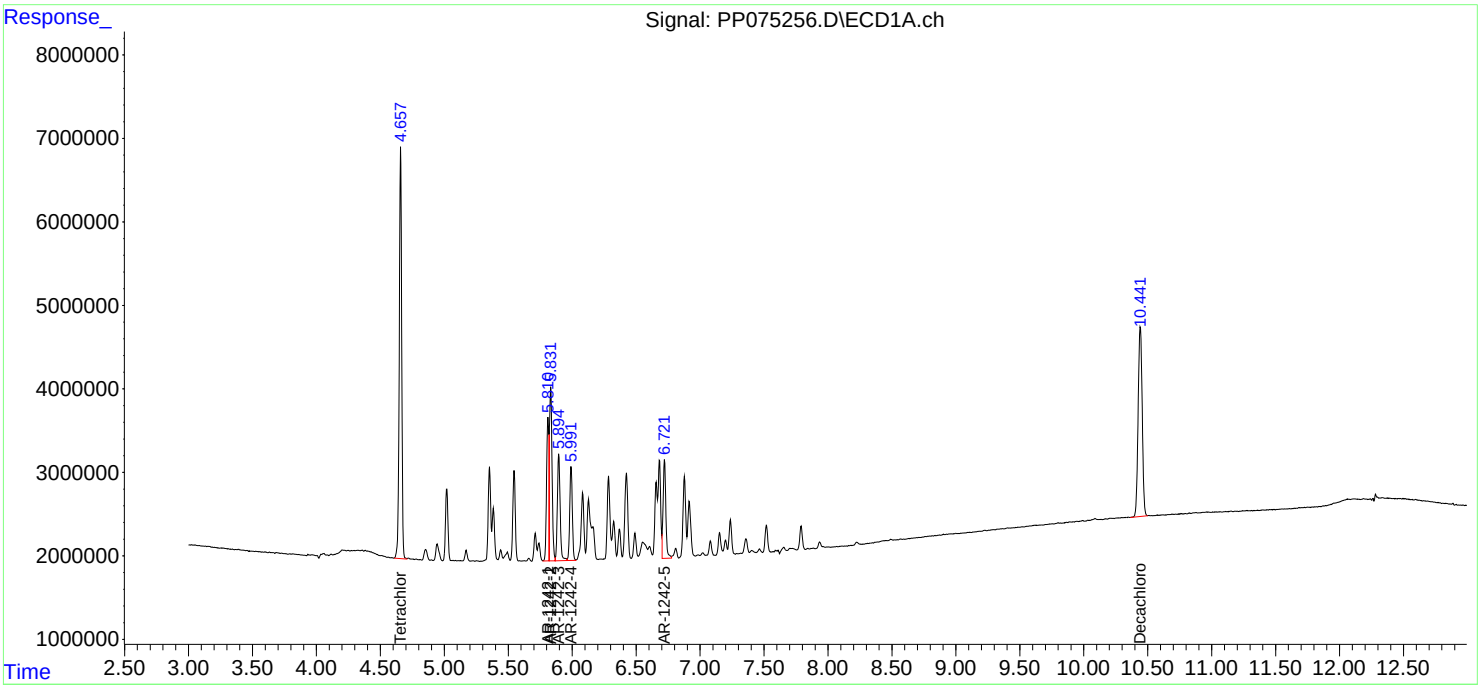
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

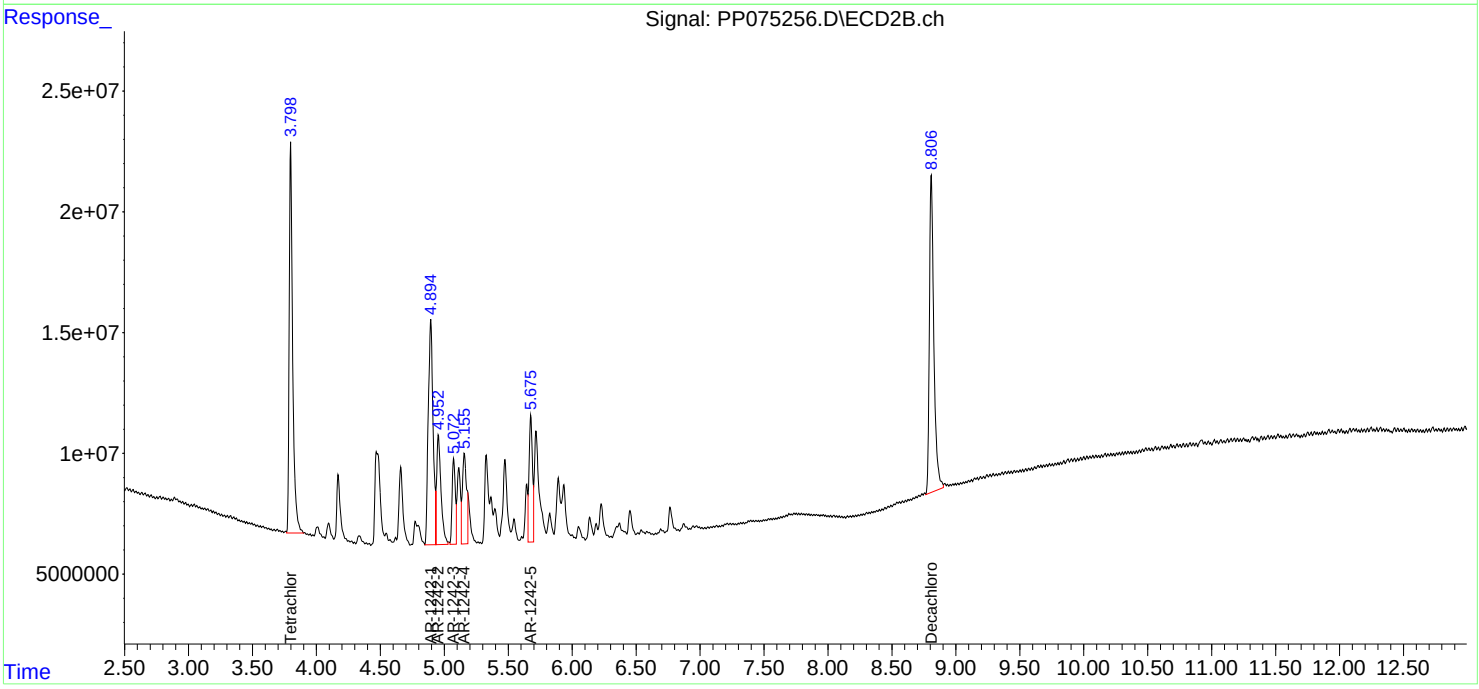
Manual Integrations APPROVED

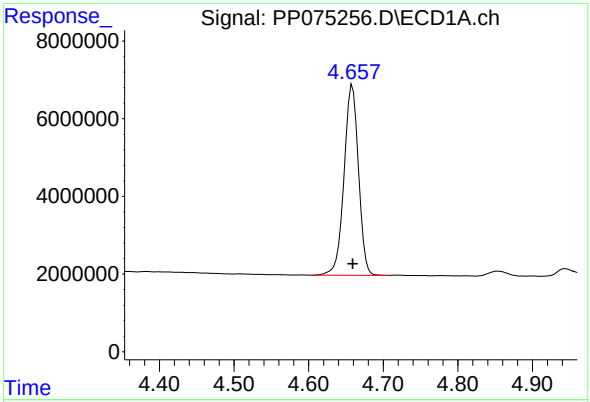
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:43:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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







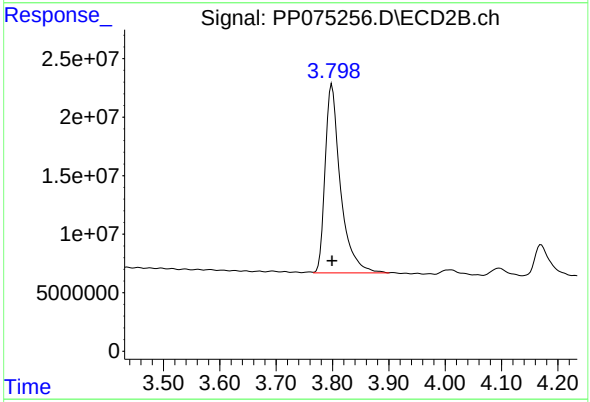
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 66015633
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

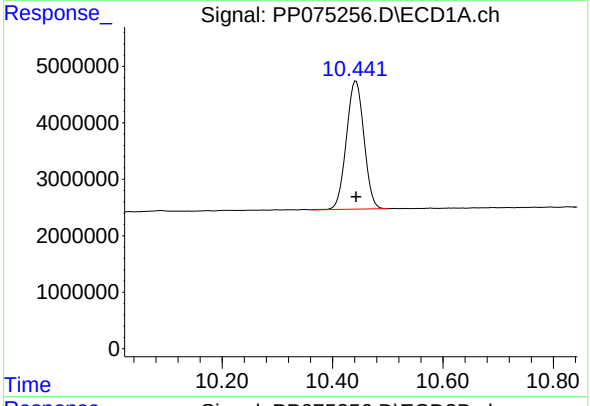
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



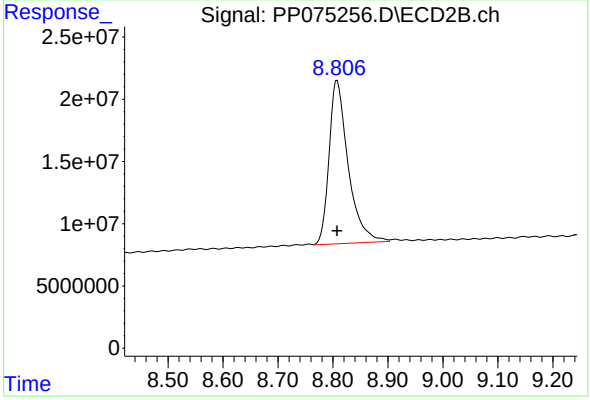
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 303811171
Conc: 50.00 ng/ml



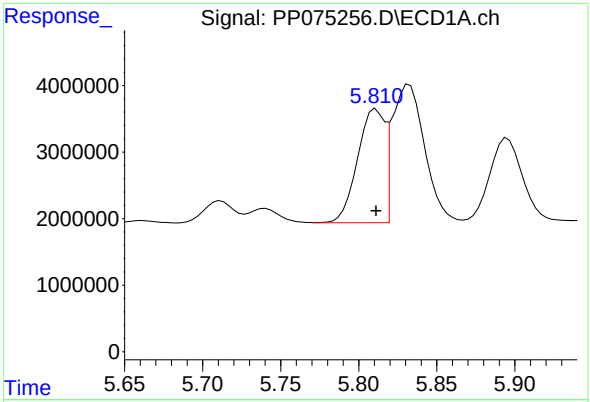
#2 Decachlorobiphenyl

R.T.: 10.443 min
Delta R.T.: 0.000 min
Response: 50169729
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.808 min
Delta R.T.: 0.000 min
Response: 316835092
Conc: 50.00 ng/ml



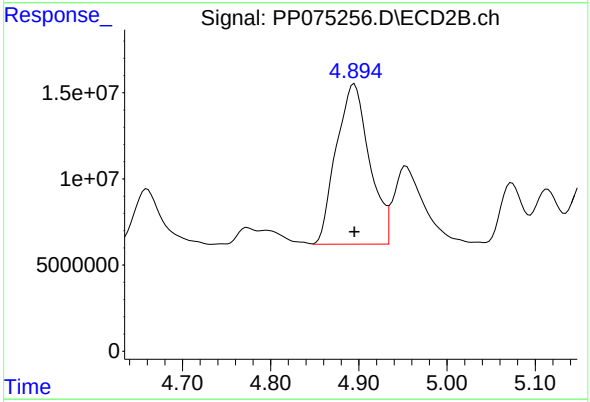
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 20611924
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

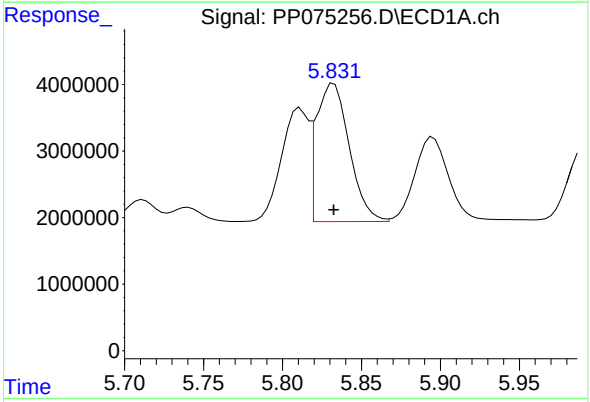
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



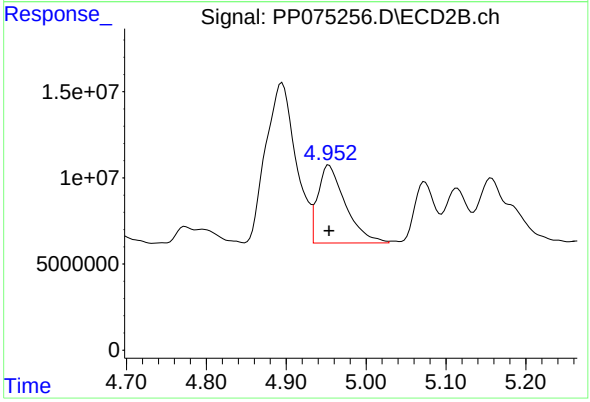
#16 AR-1242-1

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 243119630
Conc: 500.00 ng/ml



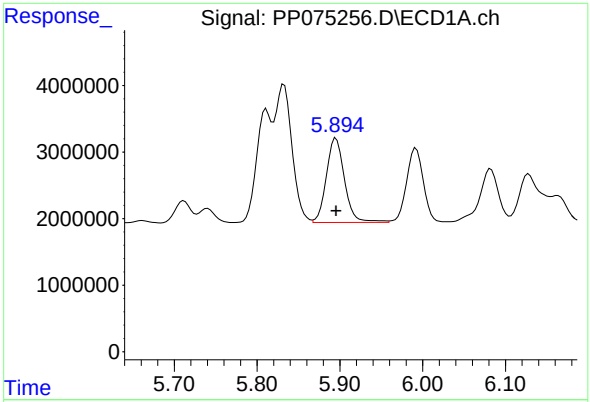
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 30124732
Conc: 500.00 ng/ml



#17 AR-1242-2

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 108256965
Conc: 500.00 ng/ml



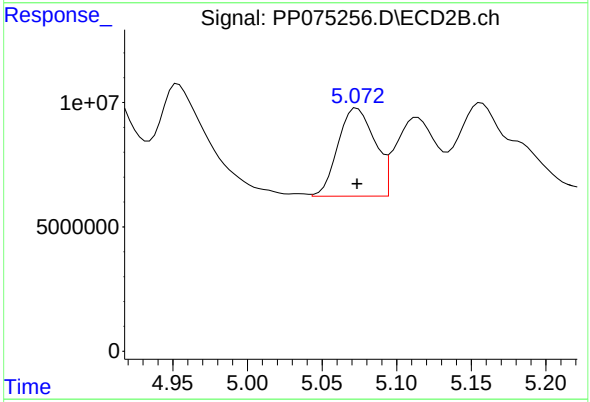
#18 AR-1242-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 19326019
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

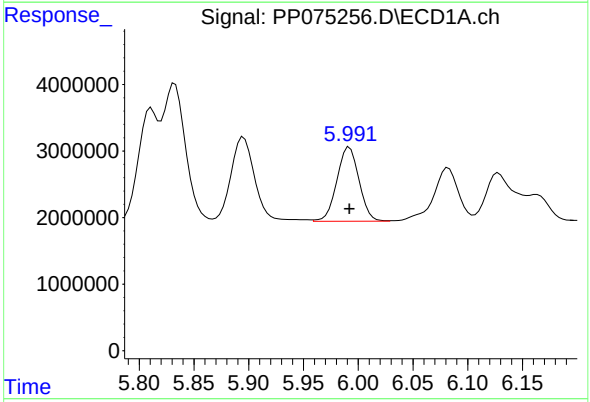
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



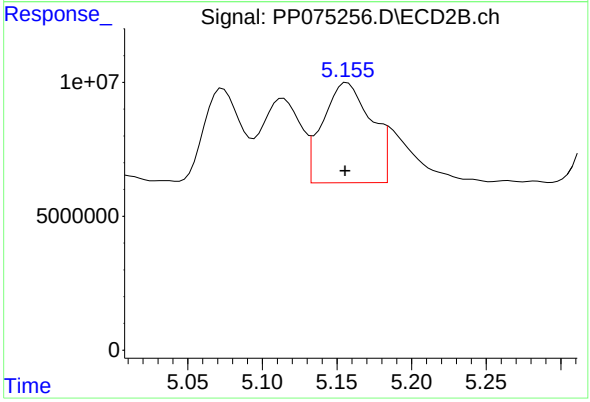
#18 AR-1242-3

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 60823625
Conc: 500.00 ng/ml



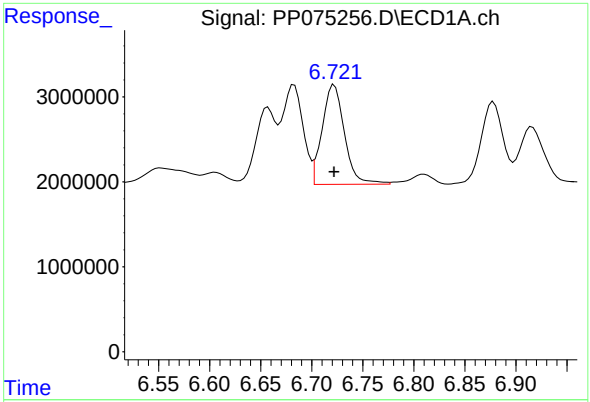
#19 AR-1242-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 15661455
Conc: 500.00 ng/ml



#19 AR-1242-4

R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 81817884
Conc: 481.18 ng/ml m



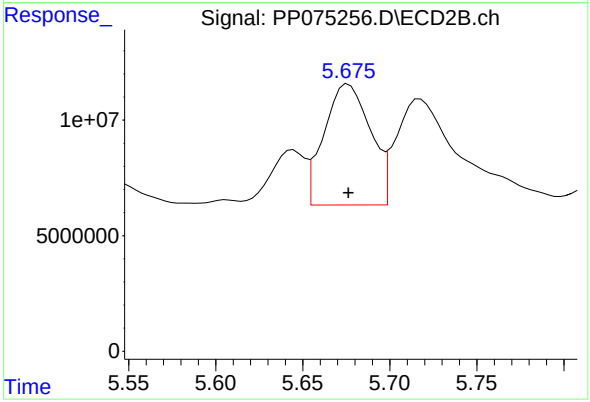
#20 AR-1242-5

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 17828128
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 97113427
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075257.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:48
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:55:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:54:24 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...	4.661	3.797	34555716	150.8E6	26.407	24.382
2)	SA Decachlor...	10.444	8.805	26178805	152.5E6	26.539	24.523
	Target Compounds						
16)	L4 AR-1242-1	5.813	4.894	11111719	121.8E6	274.745	252.283
17)	L4 AR-1242-2	5.834	4.952	16022261	54845990	270.012	252.207
18)	L4 AR-1242-3	5.897	5.072	10474071	31286183	276.635	253.831
19)	L4 AR-1242-4	5.994	5.153	8389612	43909943	272.135	267.938m
20)	L4 AR-1242-5	6.724	5.675	9880995	50425039	281.928	257.034

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075257.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:48
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

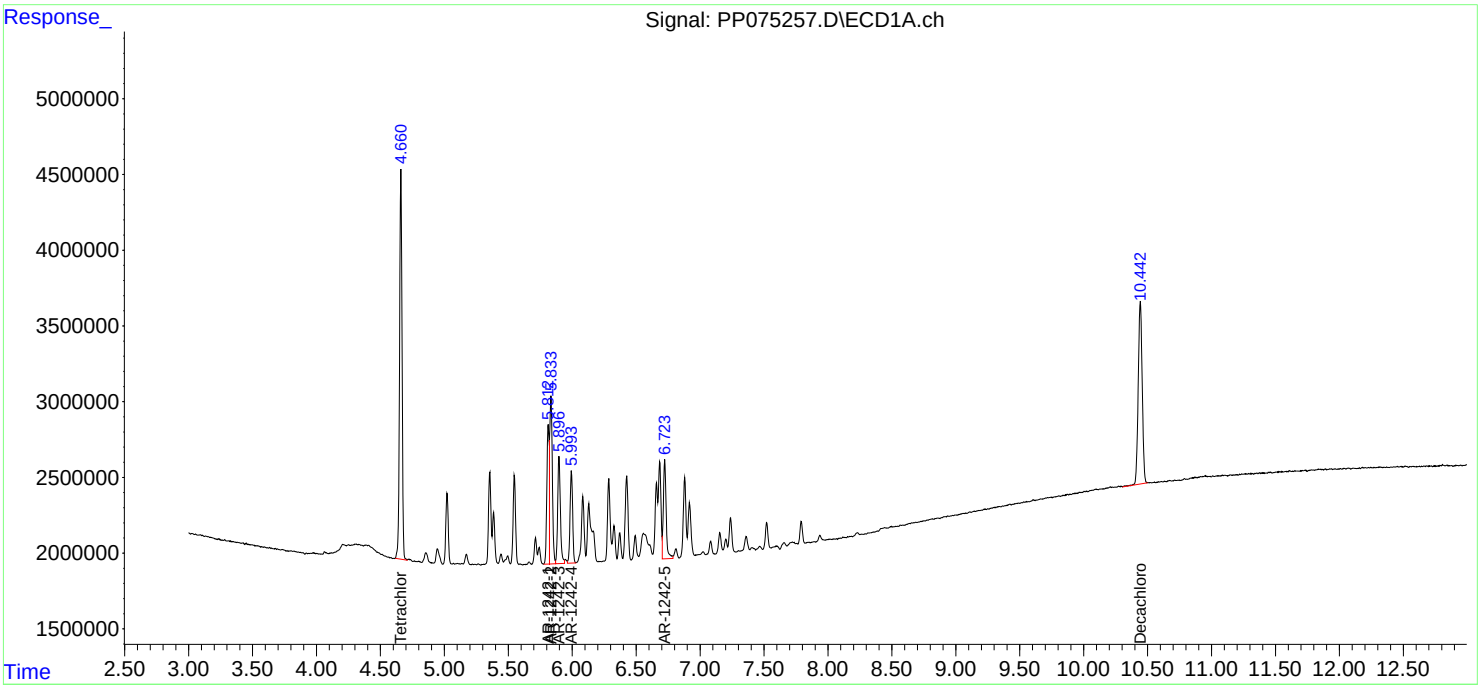
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

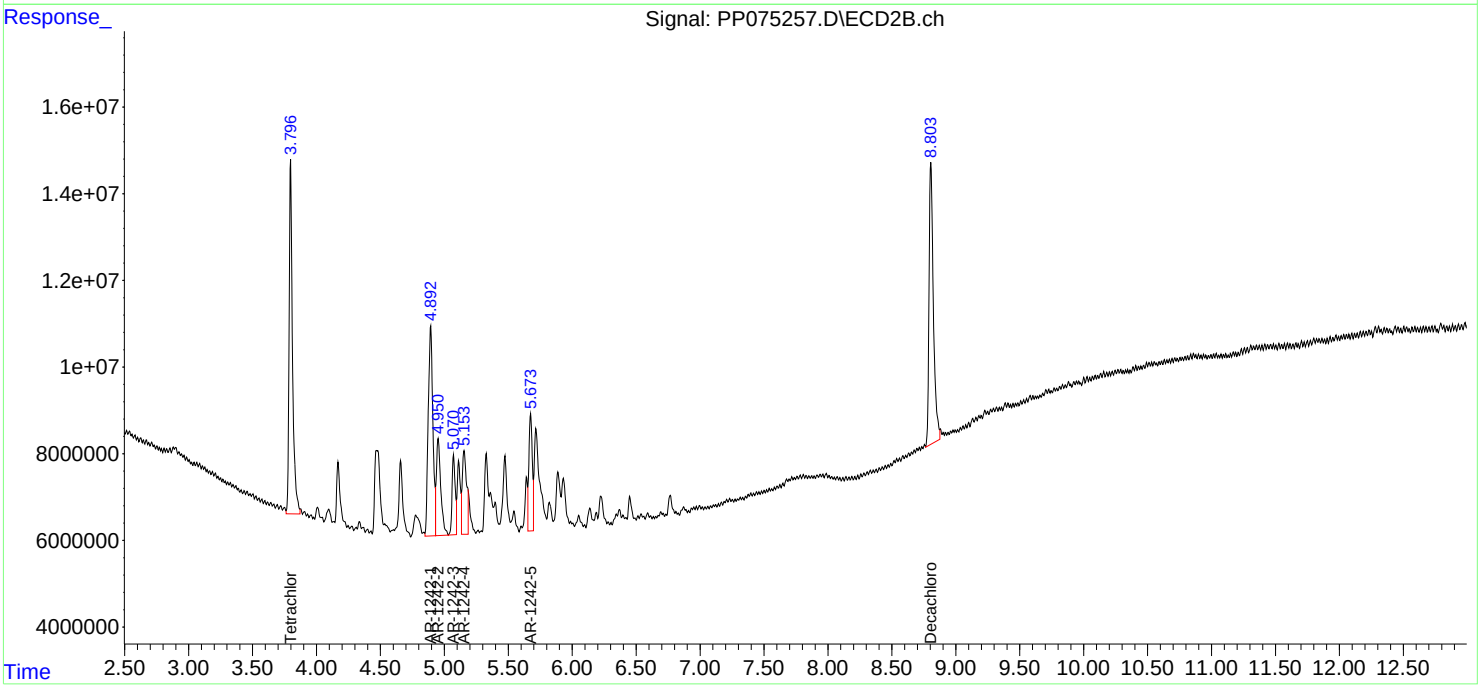
Manual Integrations APPROVED

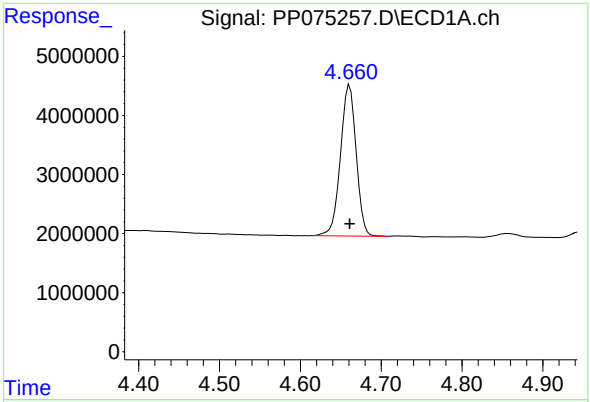
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:55:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:54:24 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







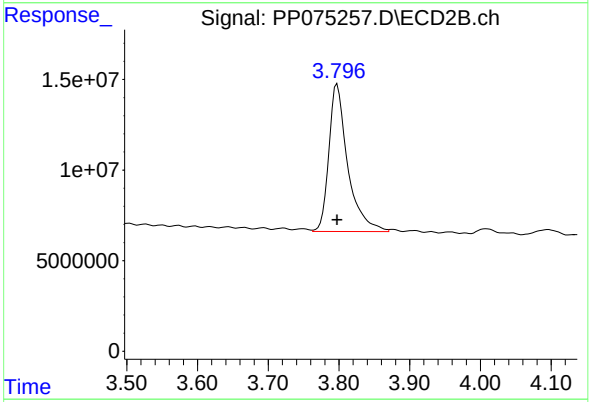
#1 Tetrachloro-m-xylene

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 34555716
Conc: 26.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

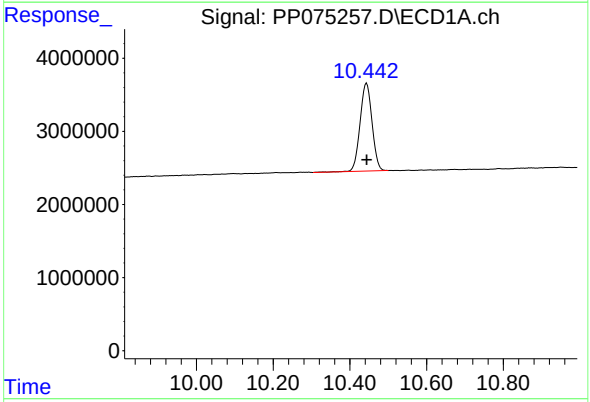
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



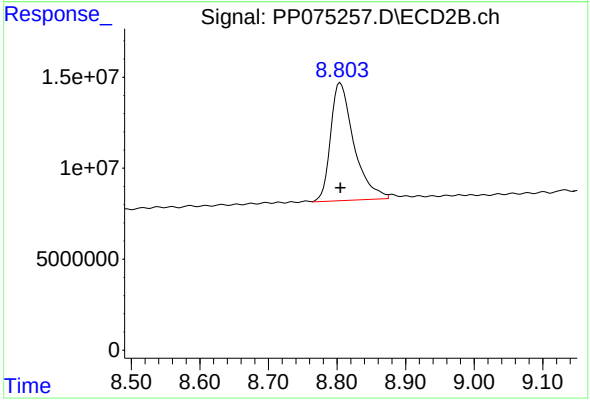
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 150809845
Conc: 24.38 ng/ml



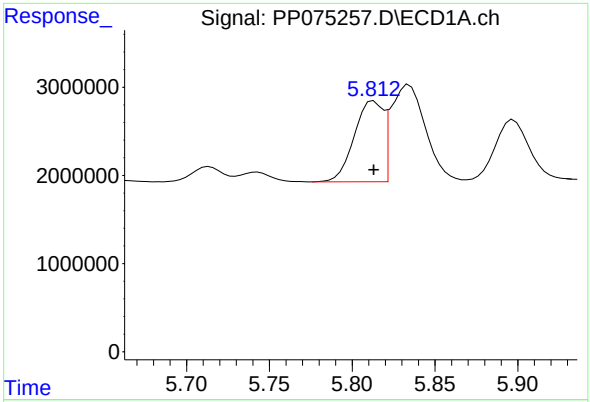
#2 Decachlorobiphenyl

R.T.: 10.444 min
Delta R.T.: 0.000 min
Response: 26178805
Conc: 26.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 152462792
Conc: 24.52 ng/ml



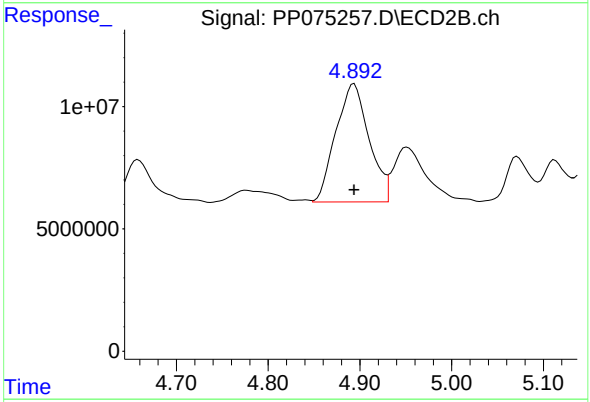
#16 AR-1242-1

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 11111719
Conc: 274.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

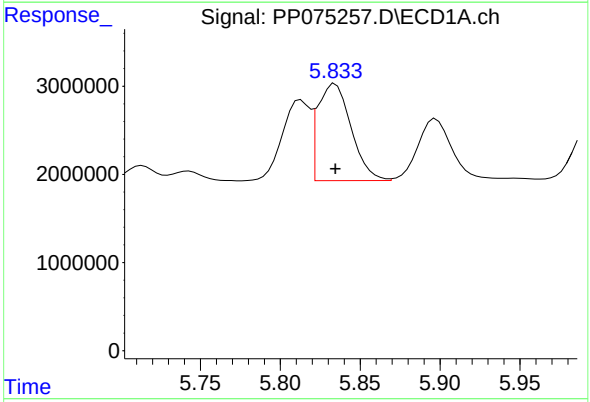
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



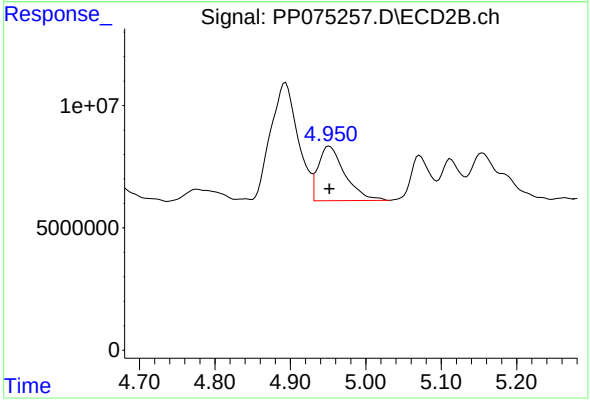
#16 AR-1242-1

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 121830487
Conc: 252.28 ng/ml



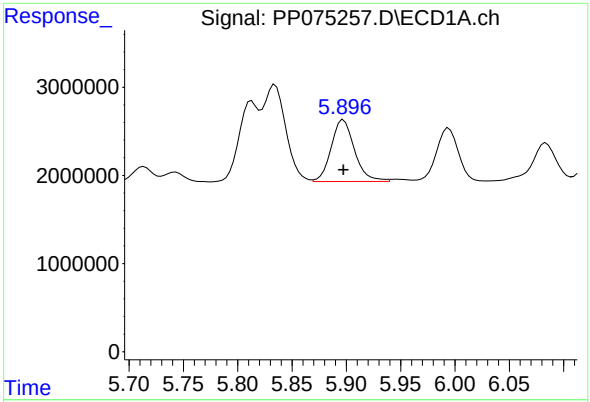
#17 AR-1242-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 16022261
Conc: 270.01 ng/ml



#17 AR-1242-2

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 54845990
Conc: 252.21 ng/ml



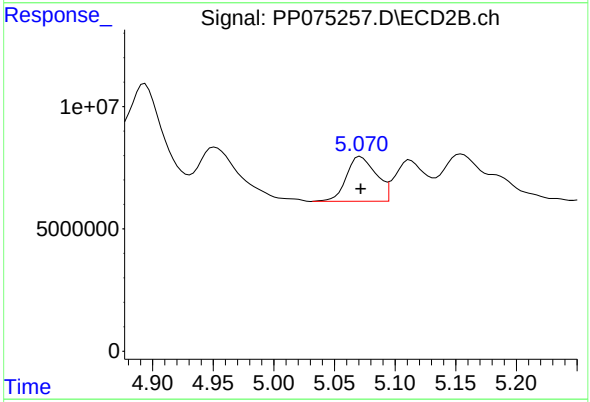
#18 AR-1242-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 10474071
Conc: 276.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

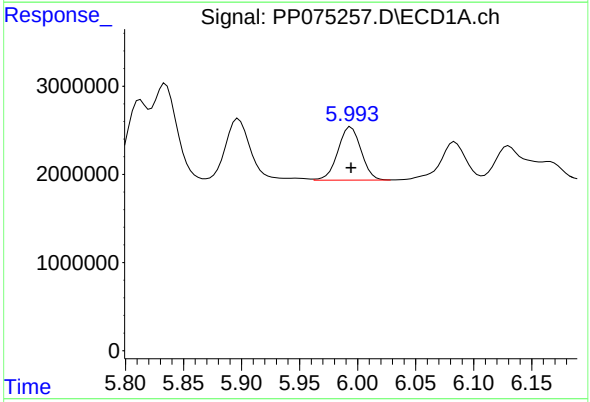
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



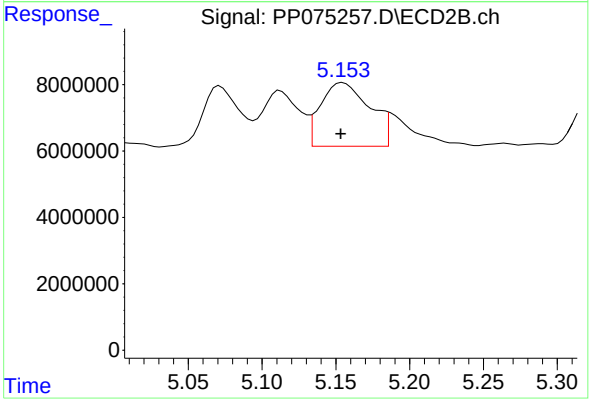
#18 AR-1242-3

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 31286183
Conc: 253.83 ng/ml



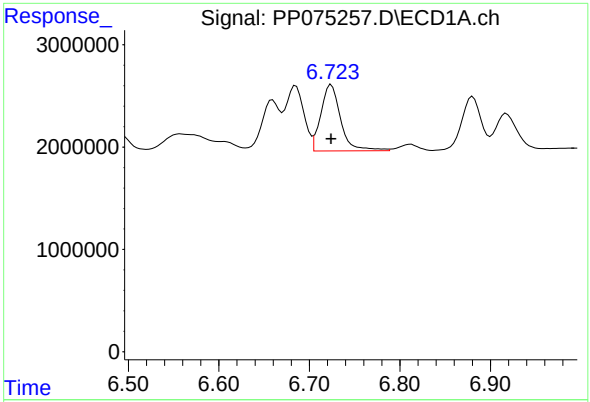
#19 AR-1242-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 8389612
Conc: 272.13 ng/ml



#19 AR-1242-4

R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 43909943
Conc: 267.94 ng/ml m



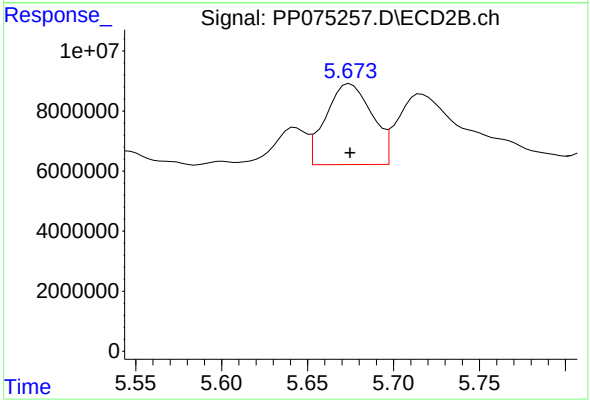
#20 AR-1242-5

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 9880995
Conc: 281.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 50425039
Conc: 257.03 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 12:05
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:00:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:59:11 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...	4.657	3.796	6258278	24170300	4.827m	4.086
2)	SA Decachlor...	10.437	8.803	4689985	25196266	4.802	4.212
	Target Compounds						
16)	L4 AR-1242-1	5.810	4.893	2326163	20197768	55.837	43.239
17)	L4 AR-1242-2	5.831	4.952	3041537	8746690	51.001	41.859
18)	L4 AR-1242-3	5.895	5.076	2534074	5839738	62.684	47.881
19)	L4 AR-1242-4	5.991	5.155	1692732	6716503	53.850	42.218
20)	L4 AR-1242-5	6.719	5.676	1779340	9434797	50.613m	48.462

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 12:05
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

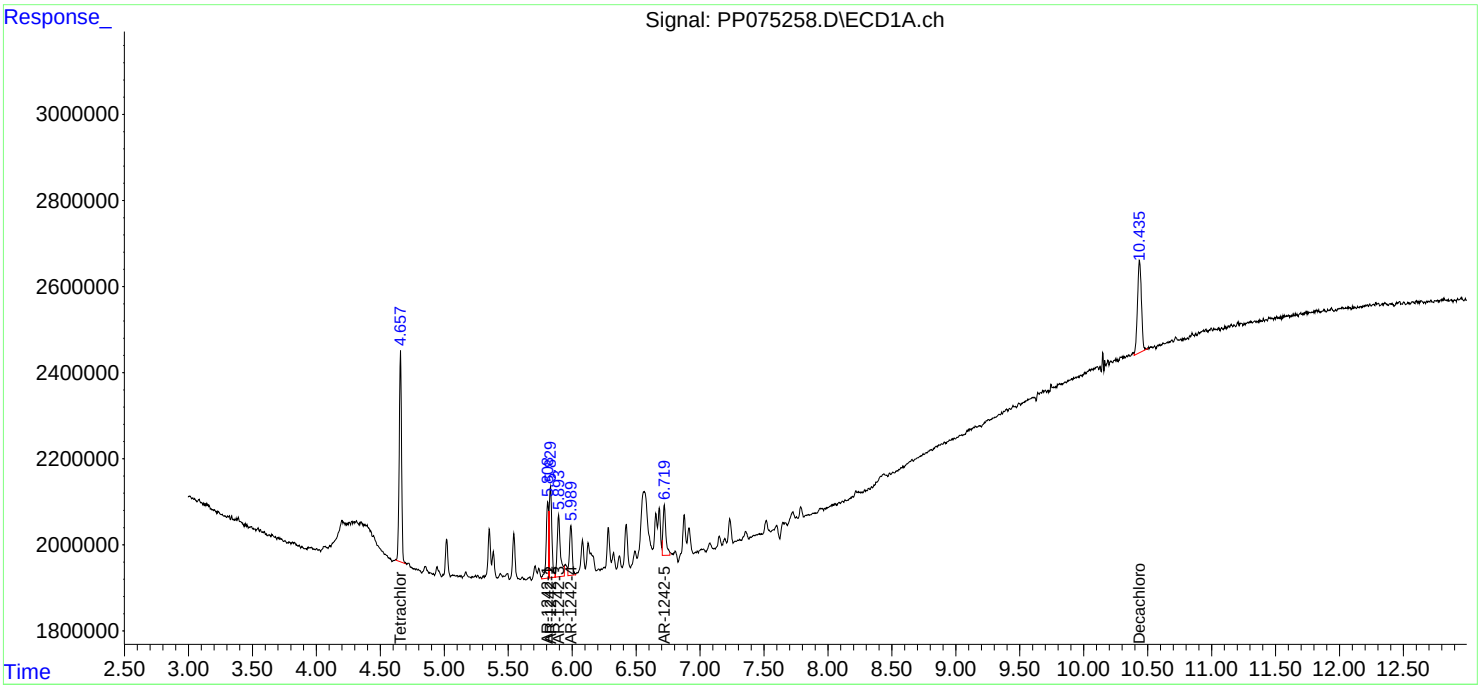
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

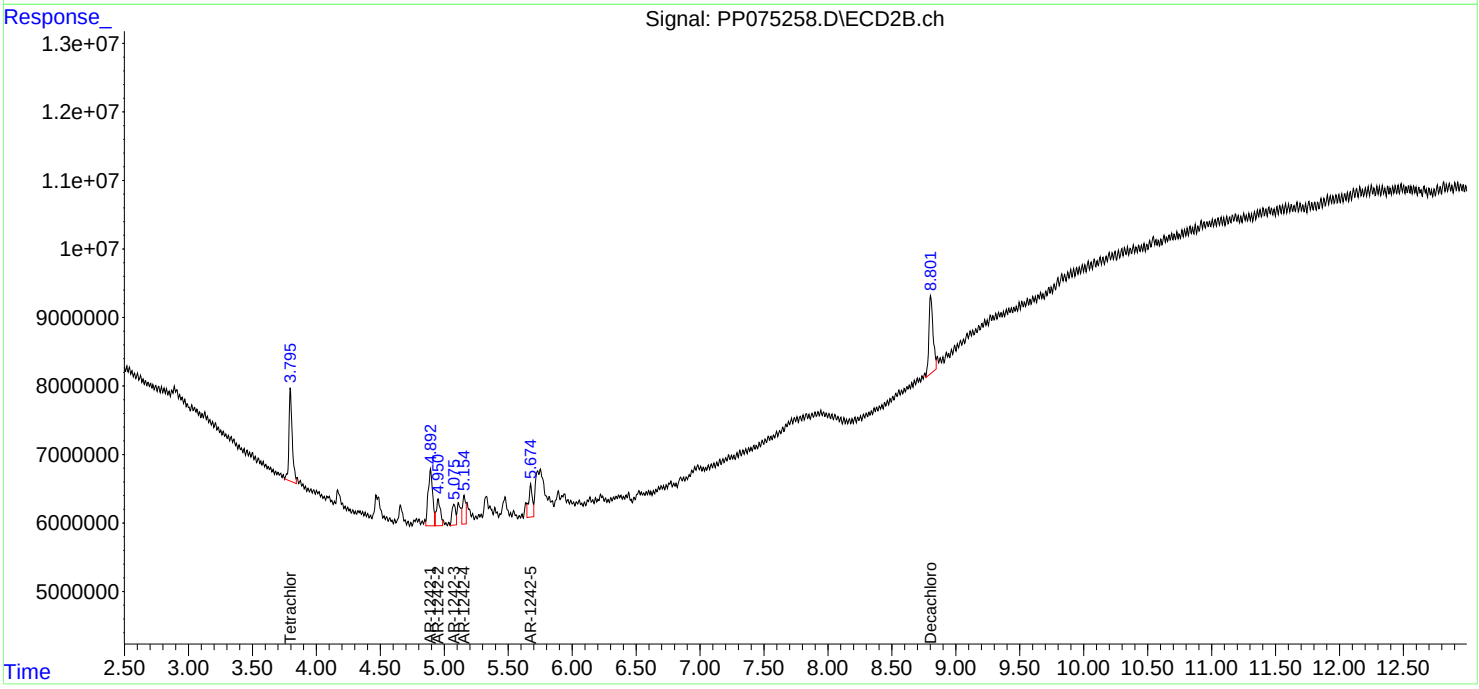
Manual Integrations APPROVED

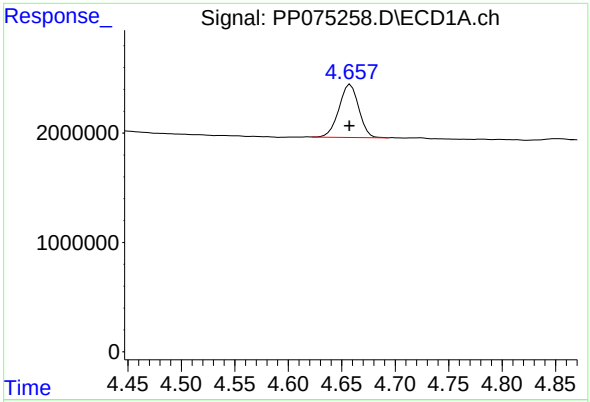
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:00:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:59:11 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







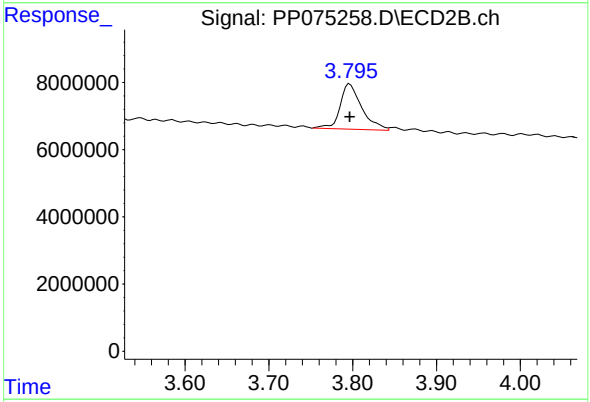
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 6258278
Conc: 4.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

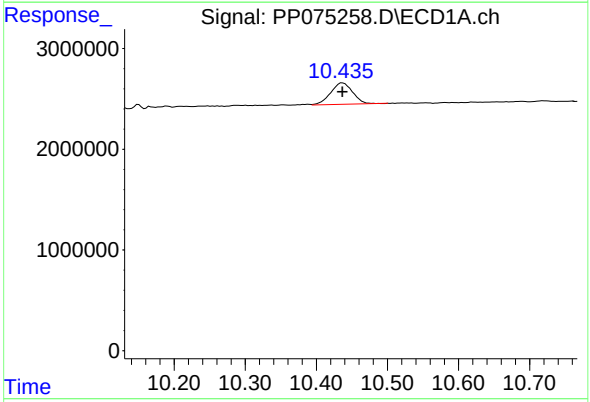
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



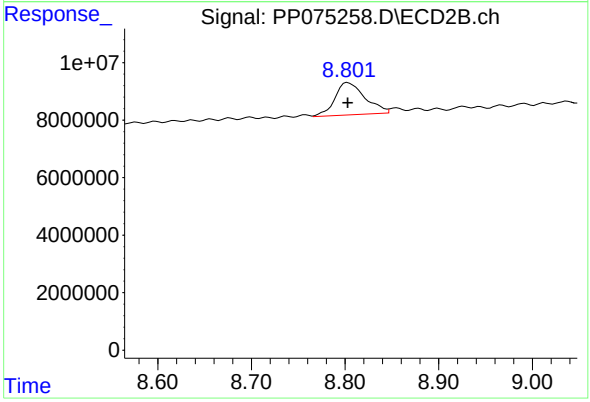
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 24170300
Conc: 4.09 ng/ml



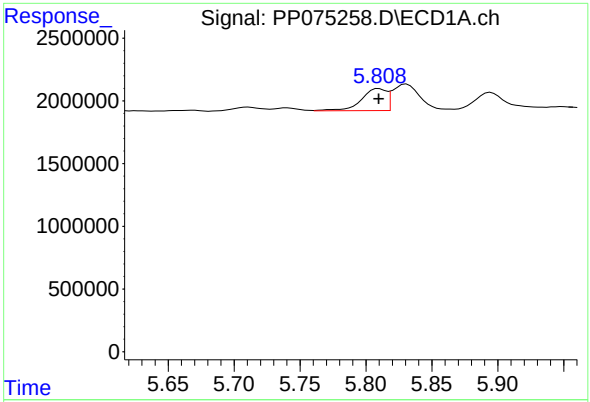
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 4689985
Conc: 4.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 25196266
Conc: 4.21 ng/ml



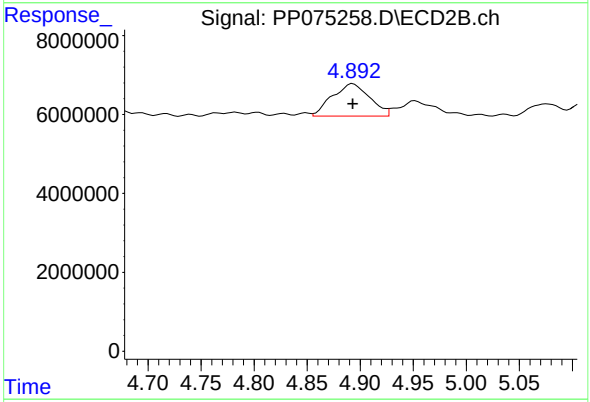
#16 AR-1242-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 2326163
Conc: 55.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

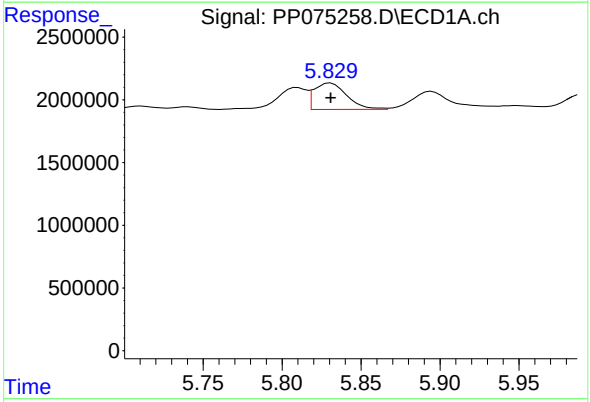
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



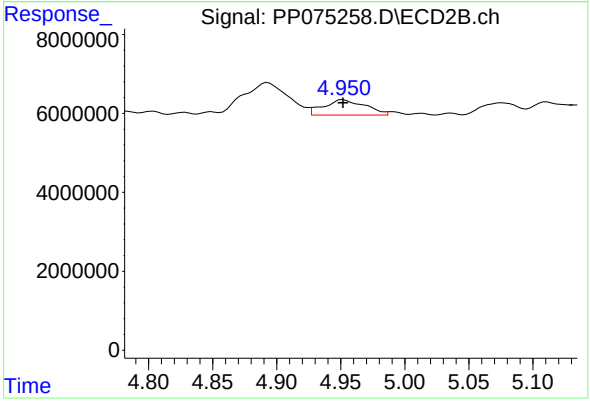
#16 AR-1242-1

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 20197768
Conc: 43.24 ng/ml



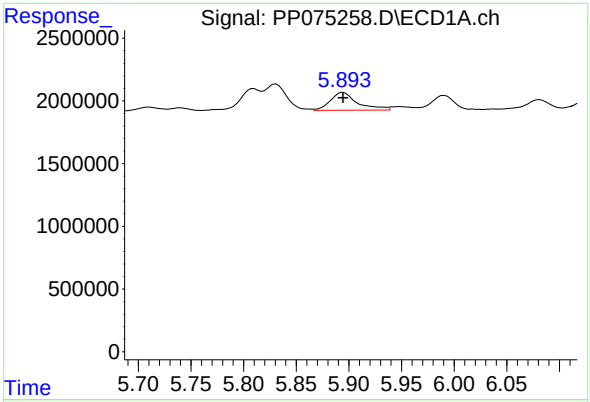
#17 AR-1242-2

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 3041537
Conc: 51.00 ng/ml



#17 AR-1242-2

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 8746690
Conc: 41.86 ng/ml



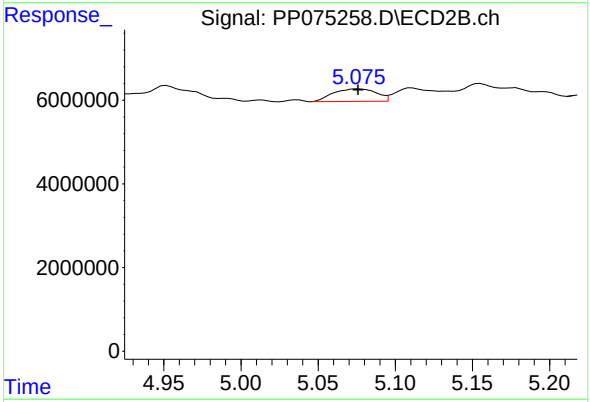
#18 AR-1242-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 2534074
Conc: 62.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

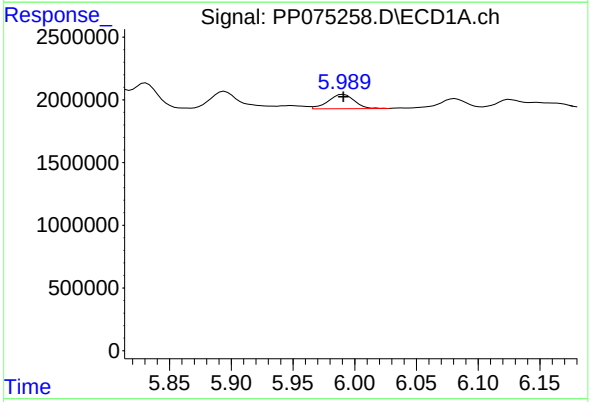
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



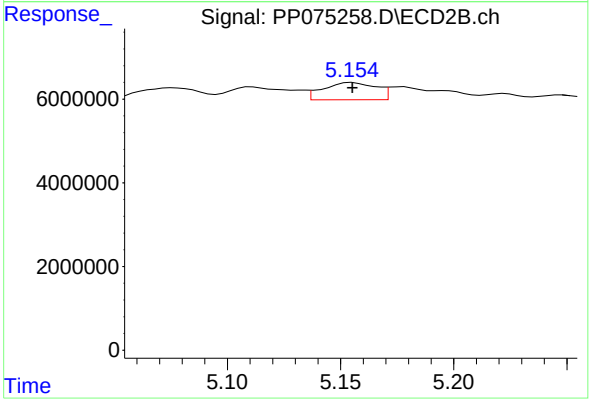
#18 AR-1242-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 5839738
Conc: 47.88 ng/ml



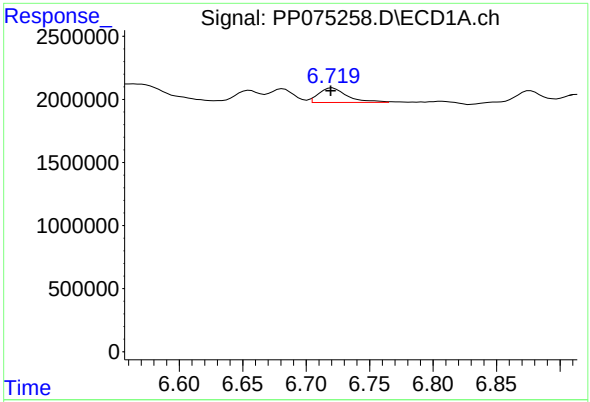
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 1692732
Conc: 53.85 ng/ml



#19 AR-1242-4

R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 6716503
Conc: 42.22 ng/ml



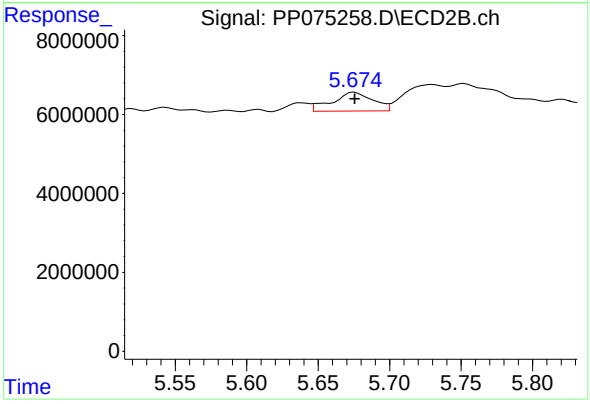
#20 AR-1242-5

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 1779340
Conc: 50.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 9434797
Conc: 48.46 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 12:37
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:08:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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...	4.656	3.797	123.5E6	634.2E6	96.737	101.347
2)	SA Decachlor...	10.430	8.803	93621437	628.1E6	96.237	99.121
	Target Compounds						
21)	L5 AR-1248-1	5.807	4.893	29172565	313.0E6	949.898	994.107
22)	L5 AR-1248-2	6.078	5.113	39359802	194.6E6	950.495	985.073
23)	L5 AR-1248-3	6.281	5.153	44196144	238.8E6	953.794	934.027m
24)	L5 AR-1248-4	6.678	5.326	53562132	233.4E6	949.444	1004.611
25)	L5 AR-1248-5	6.718	5.716	51867384	417.5E6	947.013	958.730

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 12:37
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

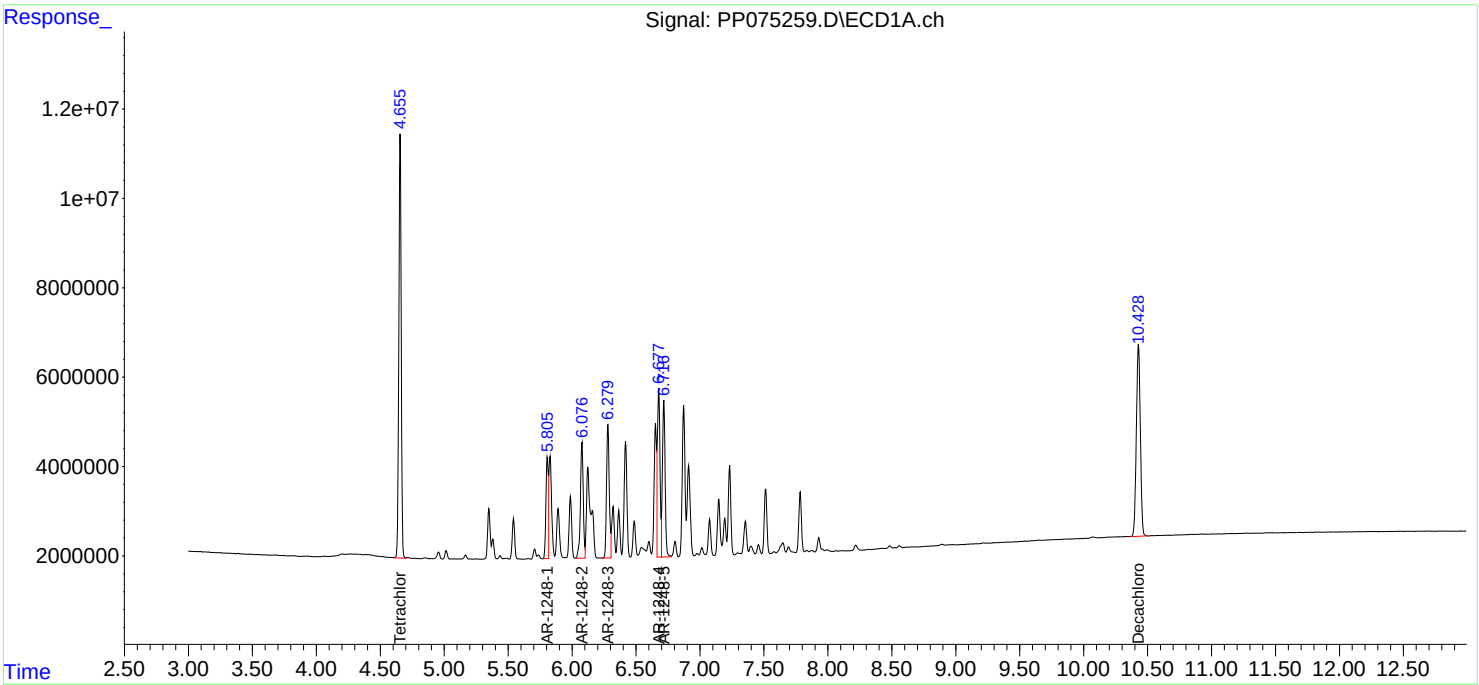
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

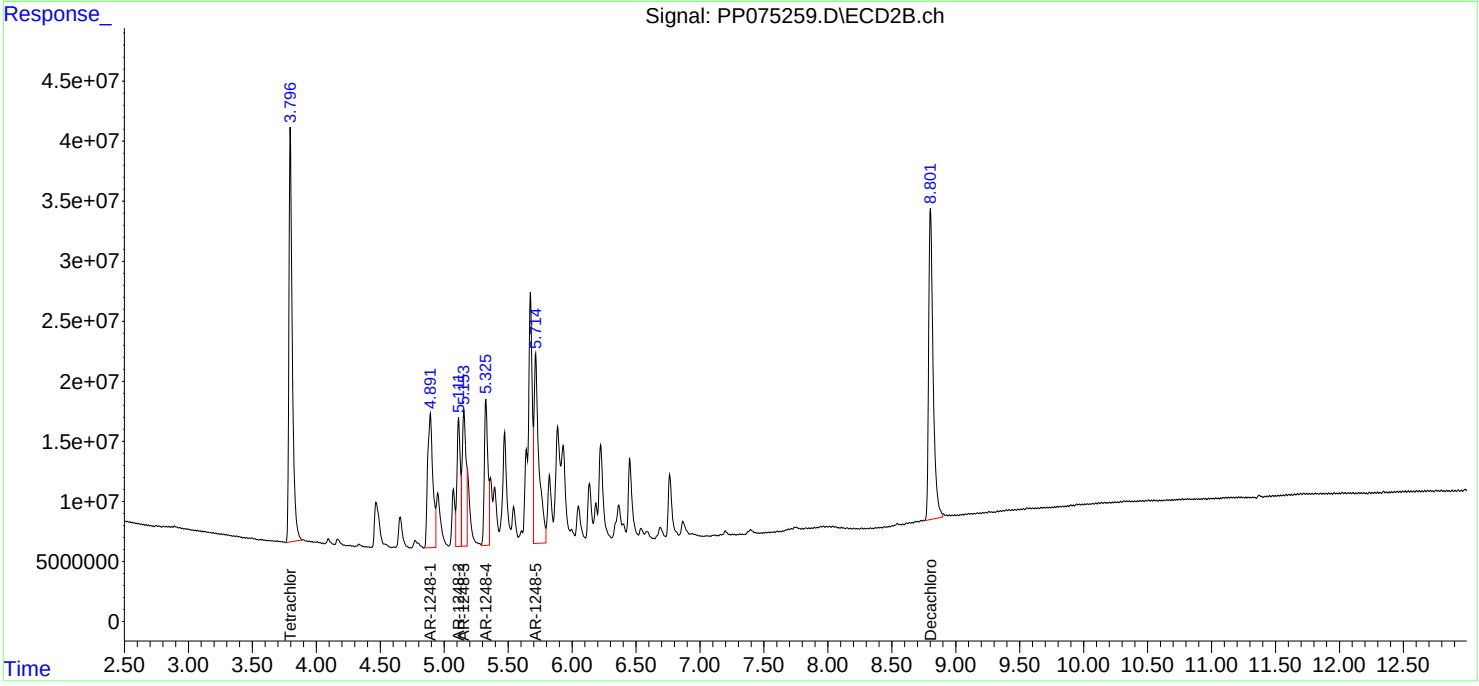
Manual Integrations APPROVED

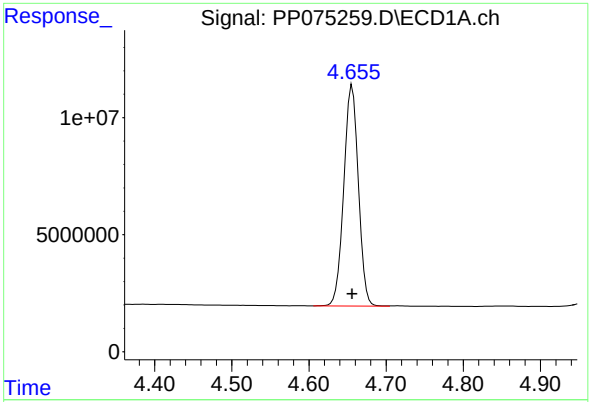
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:08:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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







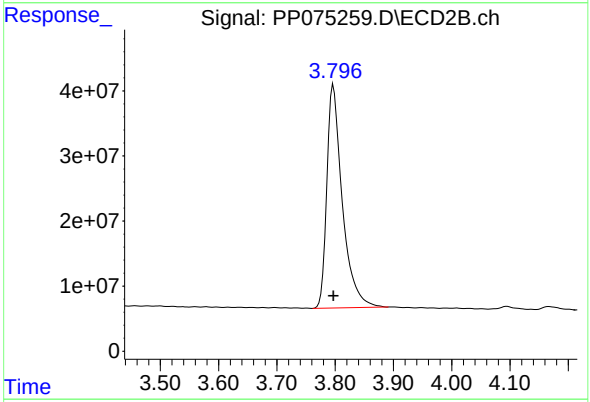
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 123522262
Conc: 96.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

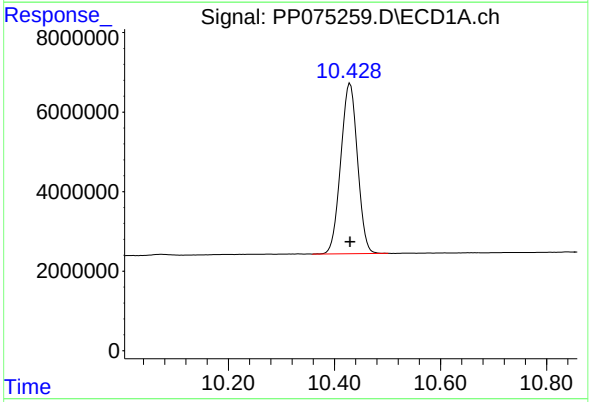
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



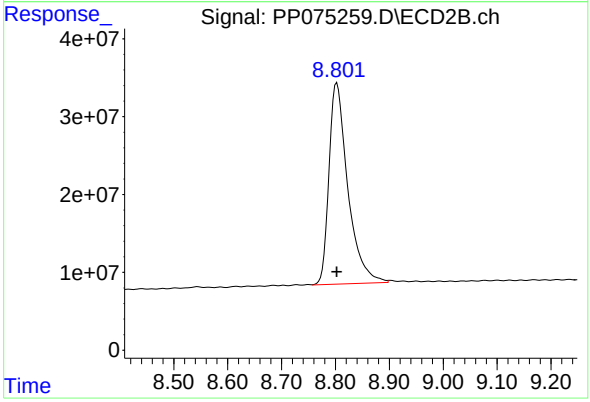
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 634213576
Conc: 101.35 ng/ml



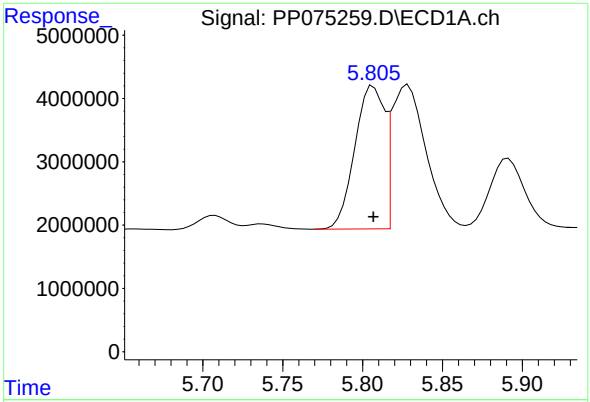
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 93621437
Conc: 96.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 628061988
Conc: 99.12 ng/ml



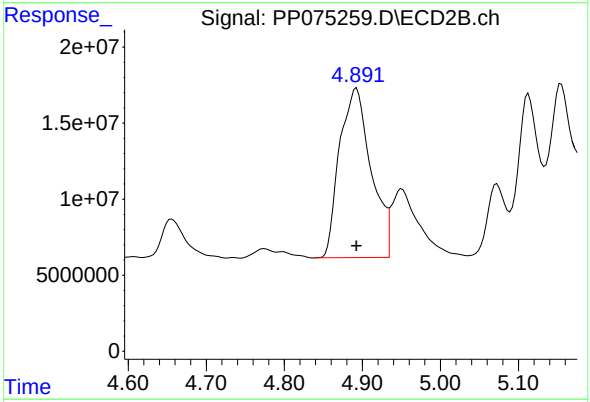
#21 AR-1248-1

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 29172565
Conc: 949.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

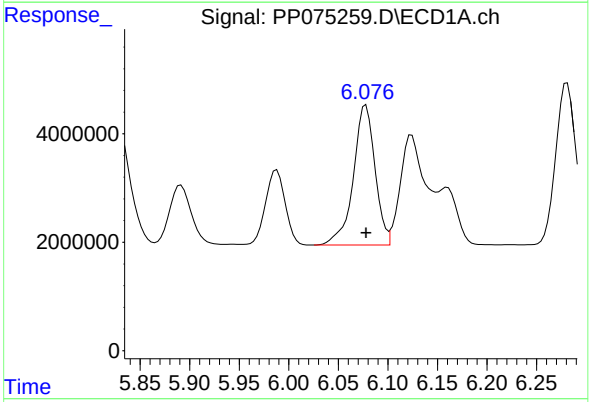
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



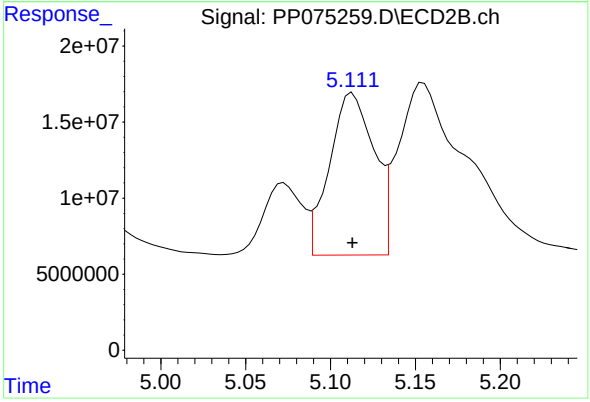
#21 AR-1248-1

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 313001525
Conc: 994.11 ng/ml



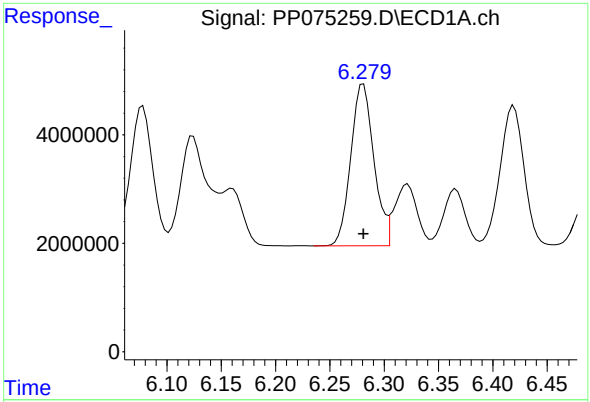
#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 39359802
Conc: 950.49 ng/ml



#22 AR-1248-2

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 194621063
Conc: 985.07 ng/ml



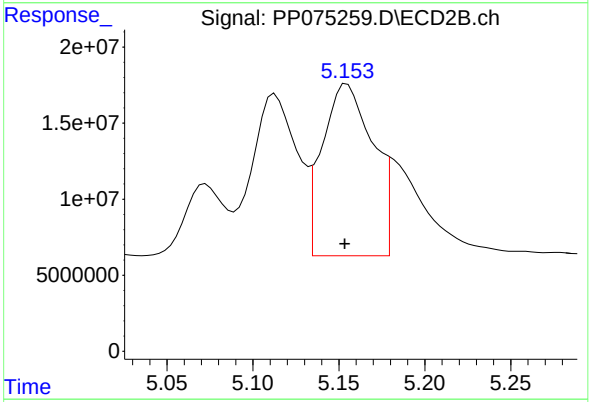
#23 AR-1248-3

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 44196144
Conc: 953.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

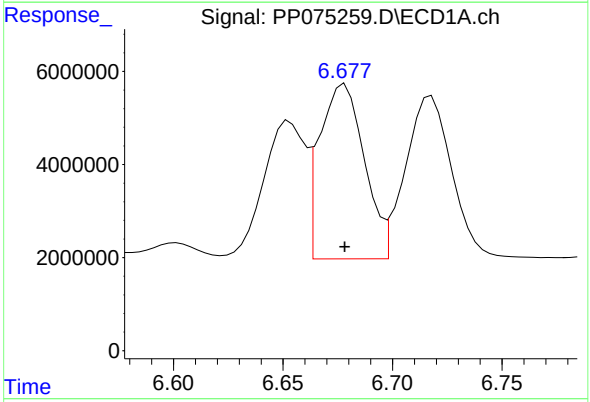
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



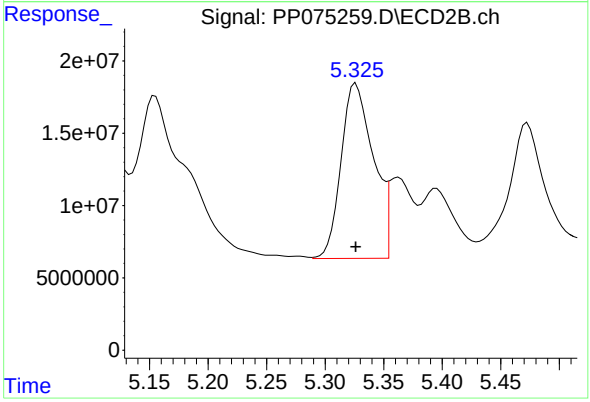
#23 AR-1248-3

R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 238833016
Conc: 934.03 ng/ml m



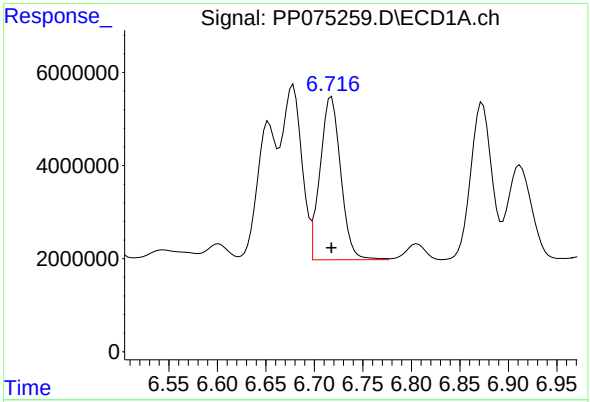
#24 AR-1248-4

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 53562132
Conc: 949.44 ng/ml



#24 AR-1248-4

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 233390044
Conc: 1004.61 ng/ml



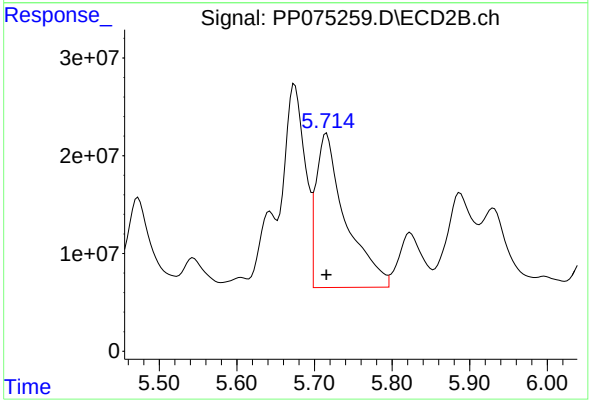
#25 AR-1248-5

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 51867384
Conc: 947.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#25 AR-1248-5

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 417516536
Conc: 958.73 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 12:53
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:11:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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...	4.658	3.801	96387949	476.3E6	75.324	75.742
2)	SA Decachlor...	10.437	8.808	73513004	475.1E6	75.377	74.984
	Target Compounds						
21)	L5 AR-1248-1	5.810	4.897	23548183	235.7E6	761.091	749.095
22)	L5 AR-1248-2	6.081	5.117	31337463	153.7E6	754.496	768.427
23)	L5 AR-1248-3	6.284	5.157	35028270	183.3E6	753.951	722.769m
24)	L5 AR-1248-4	6.681	5.331	42467941	177.0E6	751.857	757.895
25)	L5 AR-1248-5	6.721	5.719	41109339	325.2E6	750.393	747.880

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 12:53
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

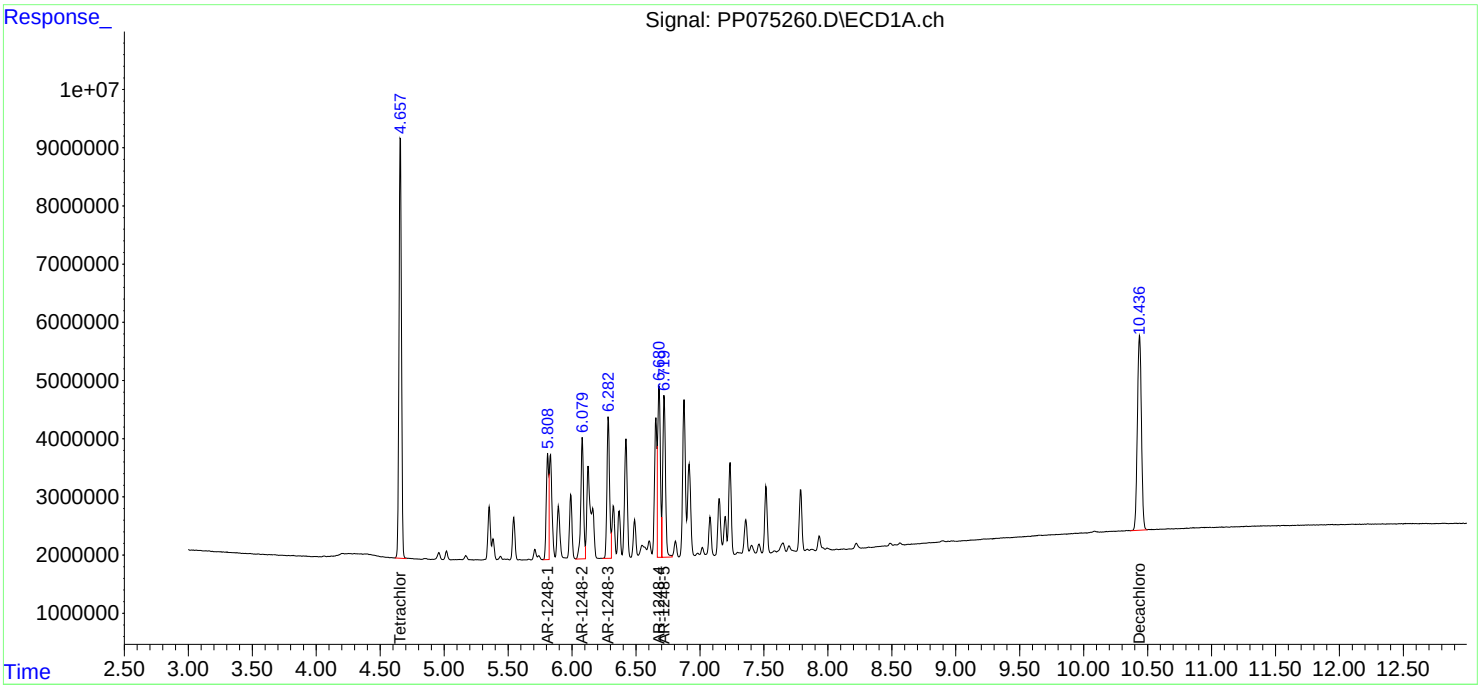
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

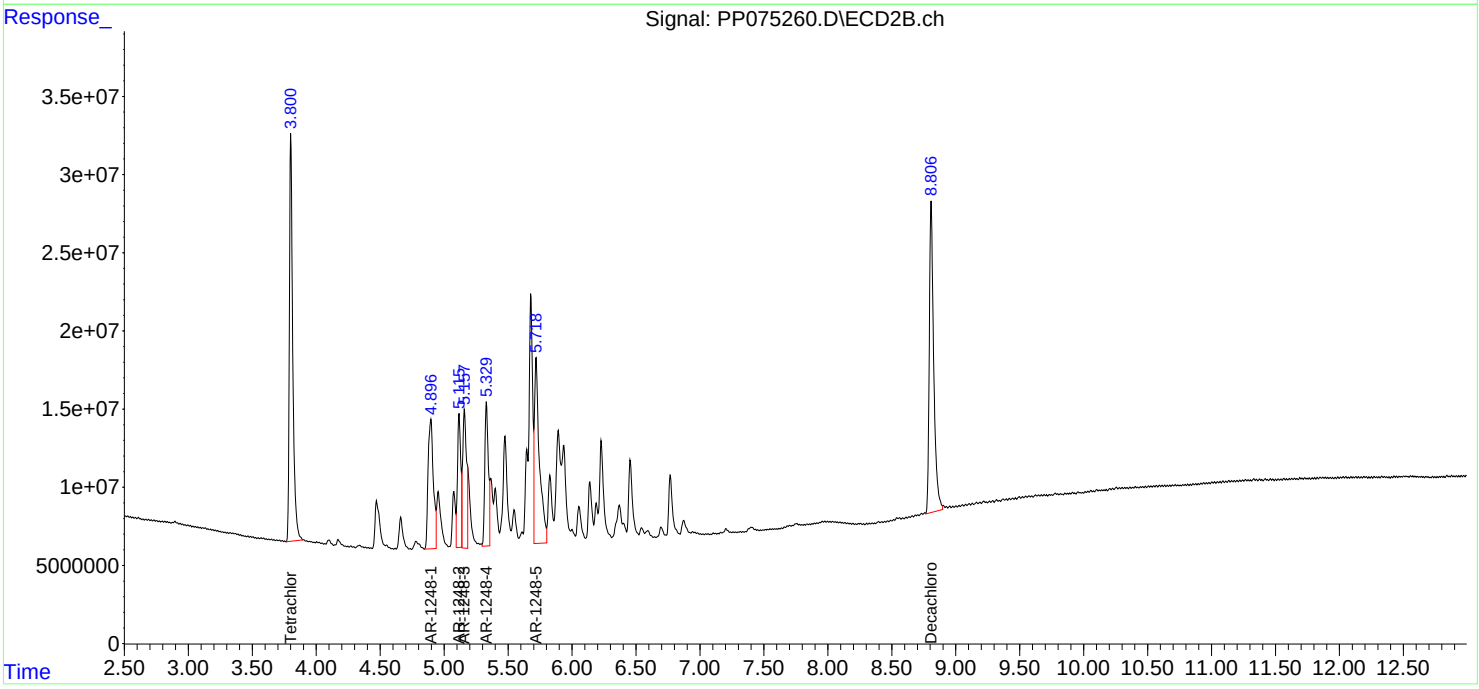
Manual Integrations APPROVED

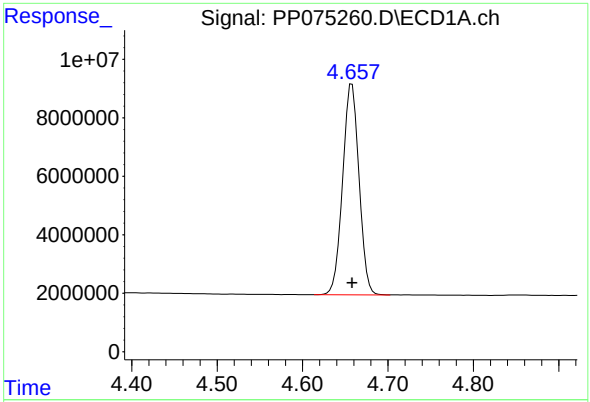
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:11:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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







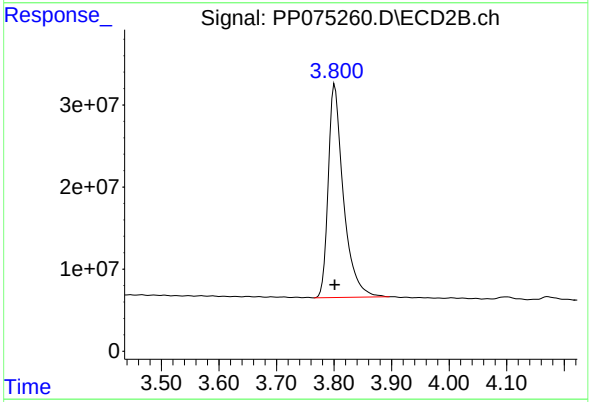
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 96387949
Conc: 75.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

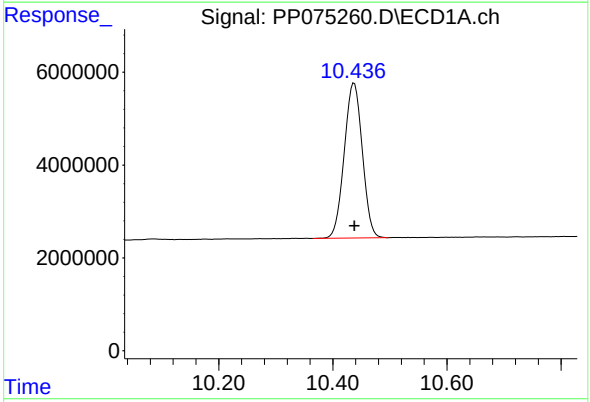
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



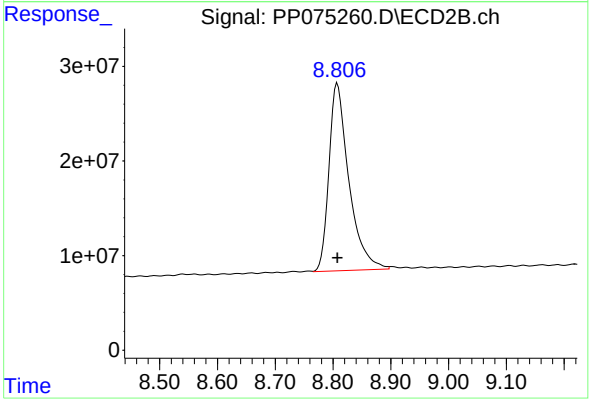
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 476334942
Conc: 75.74 ng/ml



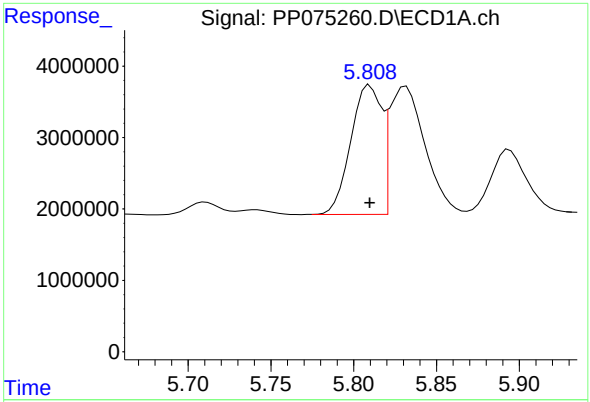
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 73513004
Conc: 75.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.808 min
Delta R.T.: 0.000 min
Response: 475073939
Conc: 74.98 ng/ml



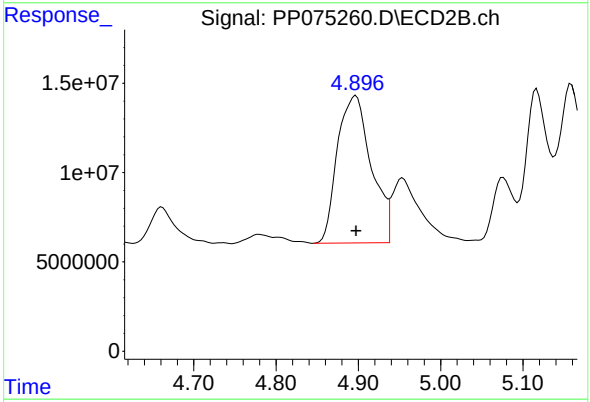
#21 AR-1248-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 23548183
Conc: 761.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

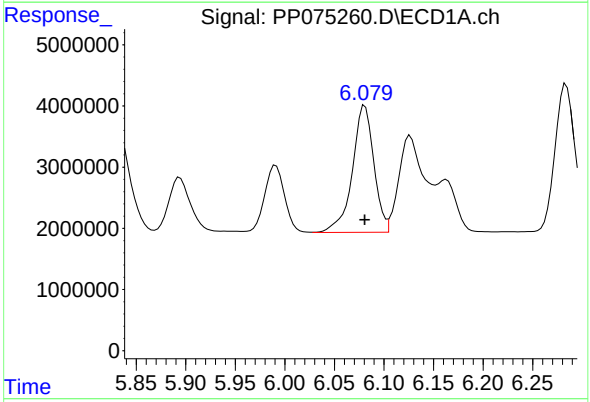
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



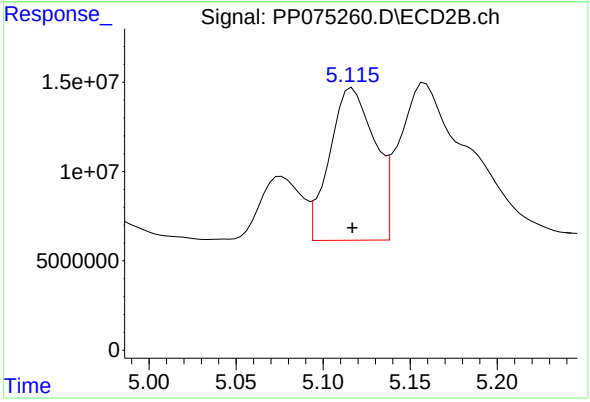
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 235715637
Conc: 749.10 ng/ml



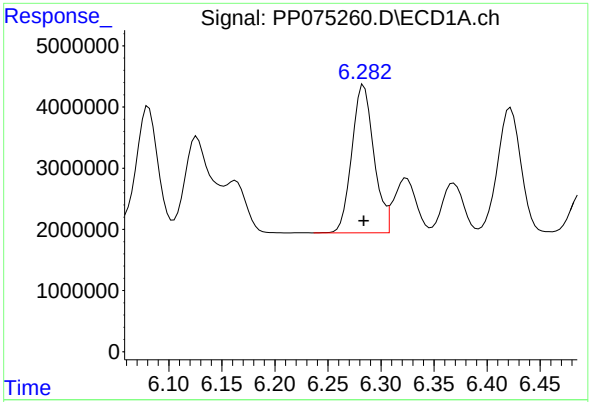
#22 AR-1248-2

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 31337463
Conc: 754.50 ng/ml



#22 AR-1248-2

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 153706618
Conc: 768.43 ng/ml



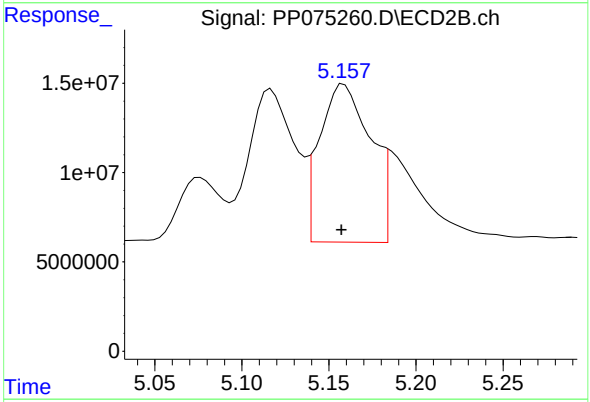
#23 AR-1248-3

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 35028270
Conc: 753.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

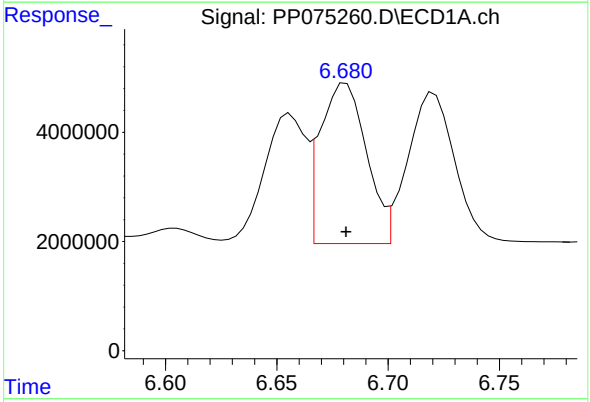
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



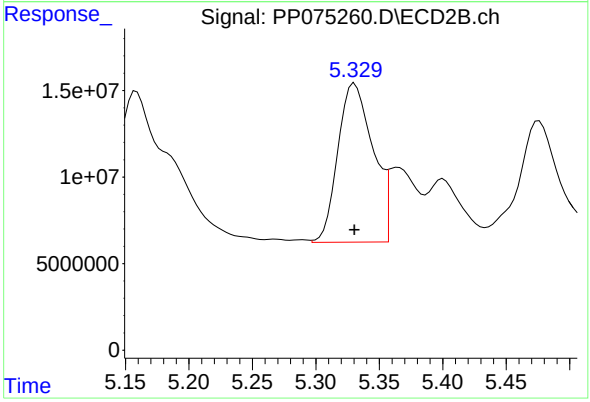
#23 AR-1248-3

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 183253915
Conc: 722.77 ng/ml m



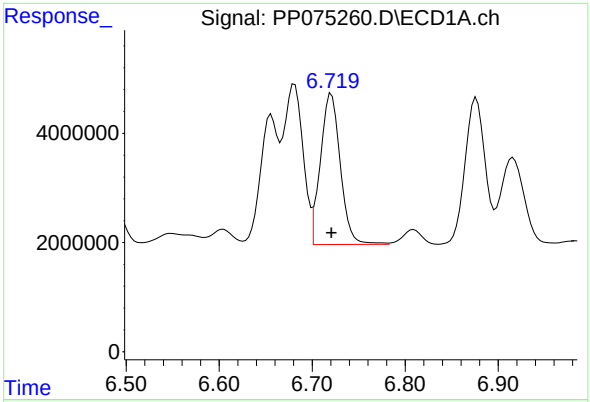
#24 AR-1248-4

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 42467941
Conc: 751.86 ng/ml



#24 AR-1248-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 177004743
Conc: 757.89 ng/ml



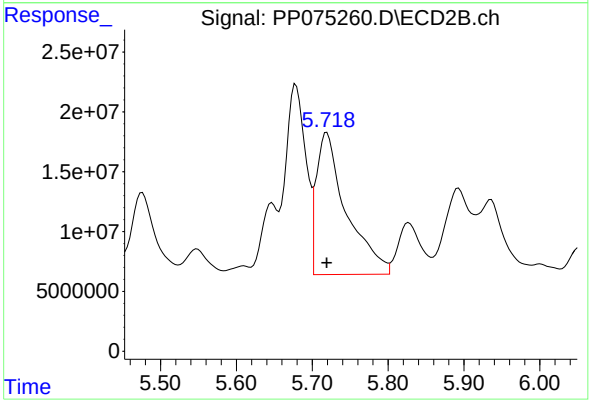
#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 41109339
Conc: 750.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#25 AR-1248-5

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 325234126
Conc: 747.88 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 13:10
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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...	4.660	3.796	65927642	308.7E6	50.000	50.000
2)	SA Decachlor...	10.439	8.803	50471290	319.6E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.811	4.892	16124985	158.4E6	500.000	500.000
22)	L5 AR-1248-2	6.083	5.112	21729896	100.3E6	500.000	500.000
23)	L5 AR-1248-3	6.285	5.152	24239118	131.8E6	500.000	515.550m
24)	L5 AR-1248-4	6.683	5.325	29633124	115.6E6	500.000	500.000
25)	L5 AR-1248-5	6.723	5.714	28835751	226.7E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 13:10
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

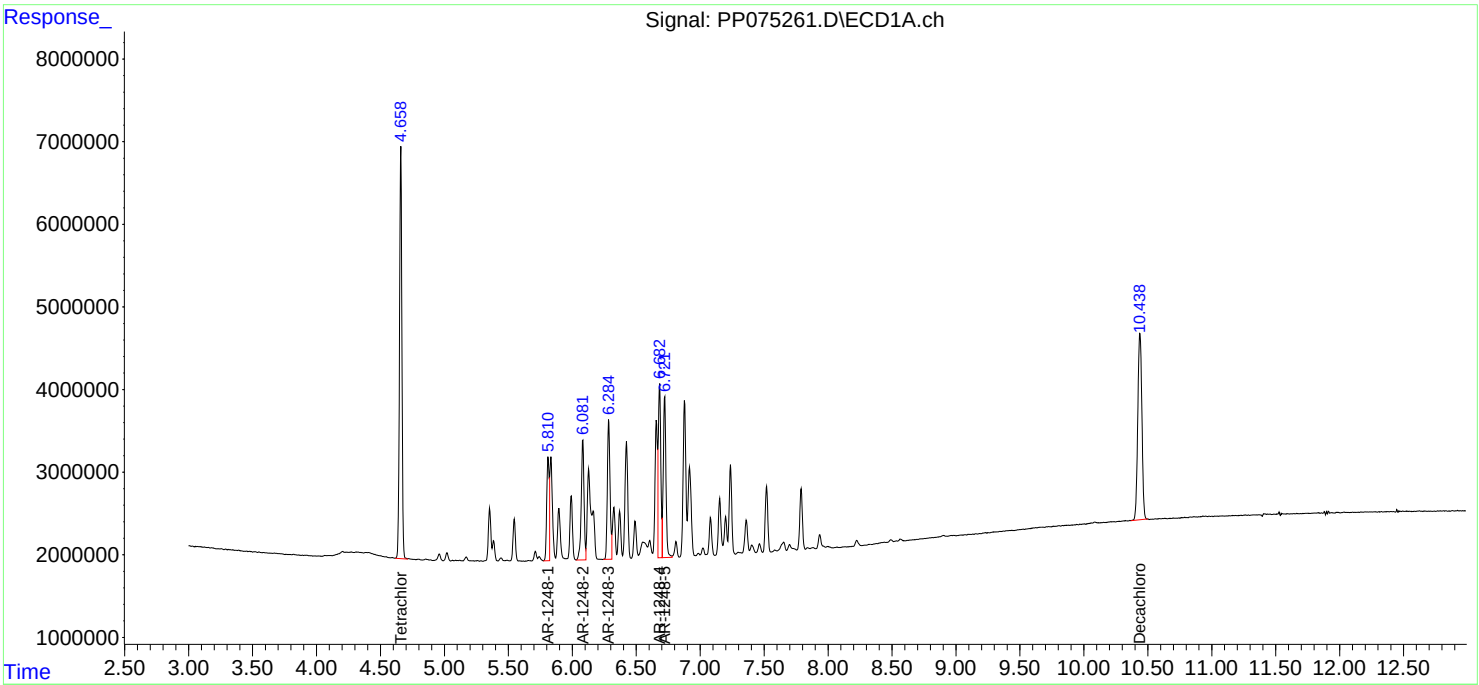
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

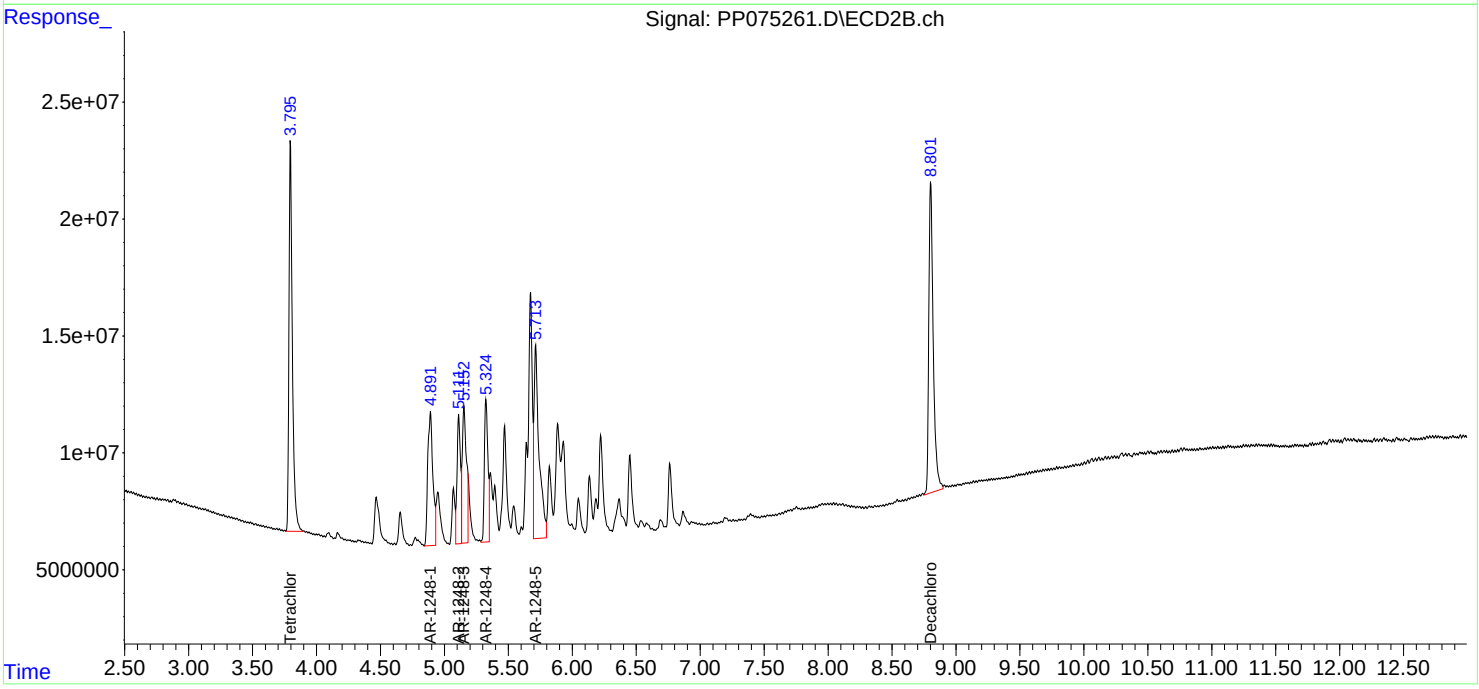
Manual Integrations APPROVED

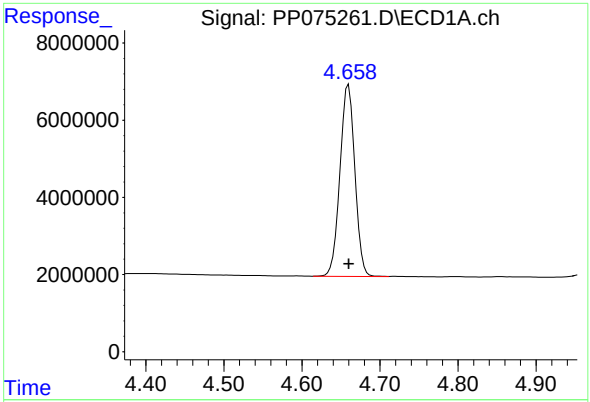
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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







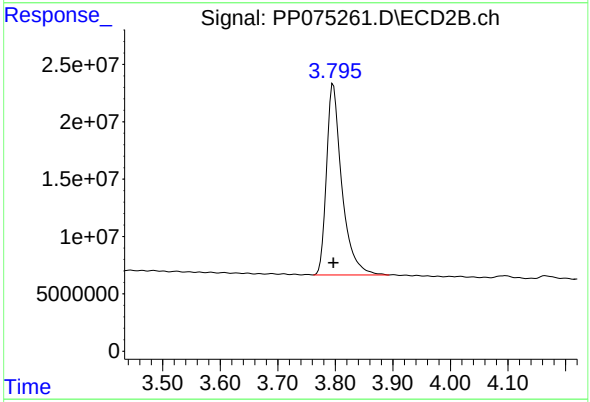
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 65927642
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

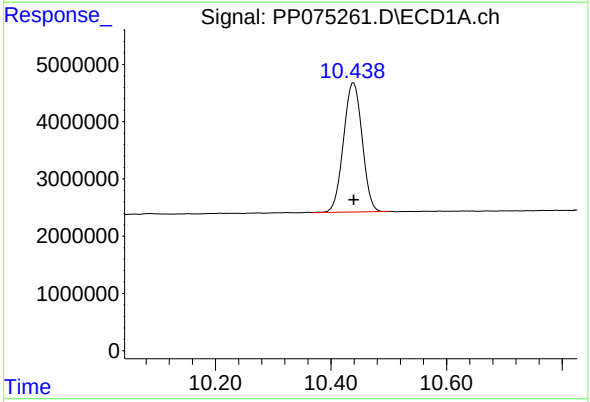
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



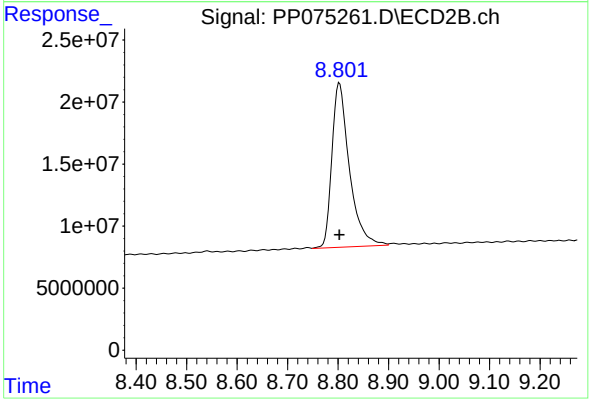
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 308675147
Conc: 50.00 ng/ml



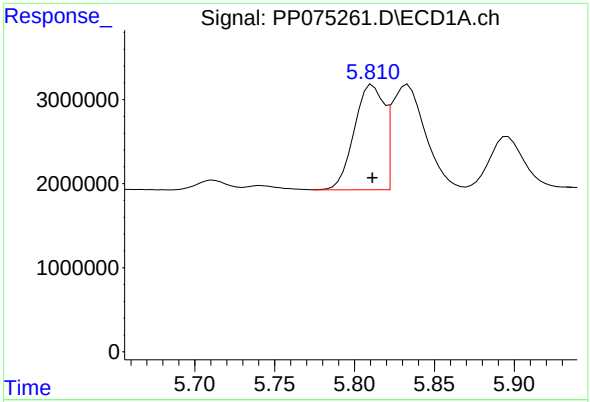
#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.000 min
Response: 50471290
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 319600115
Conc: 50.00 ng/ml



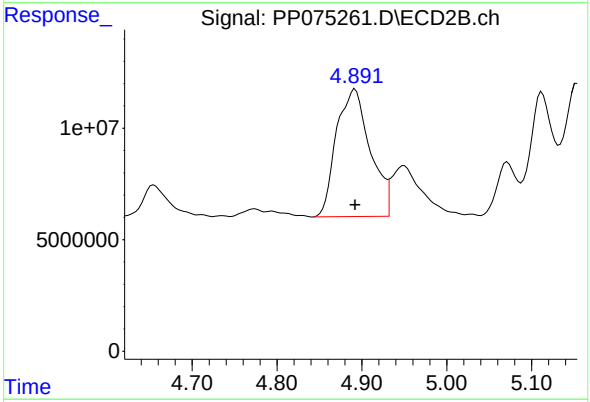
#21 AR-1248-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 16124985
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

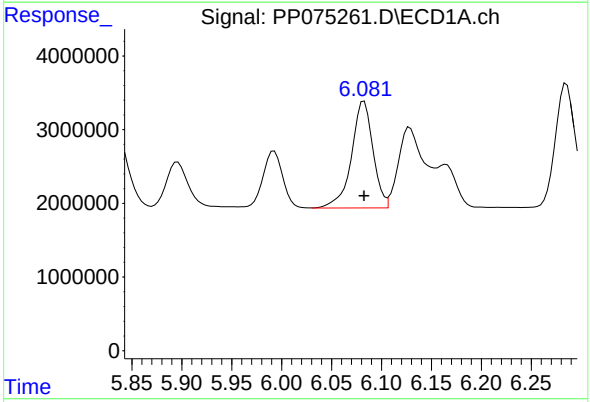
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



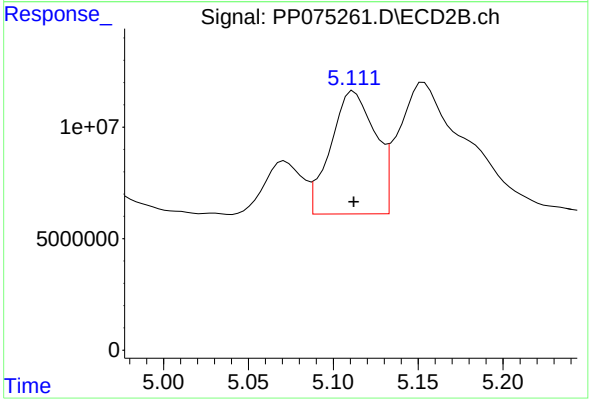
#21 AR-1248-1

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 158356149
Conc: 500.00 ng/ml



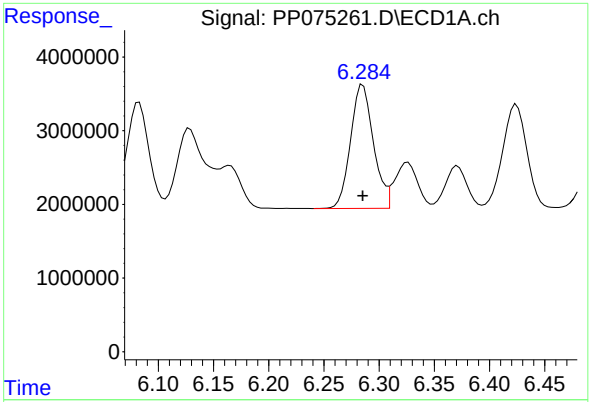
#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 21729896
Conc: 500.00 ng/ml



#22 AR-1248-2

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 100259637
Conc: 500.00 ng/ml



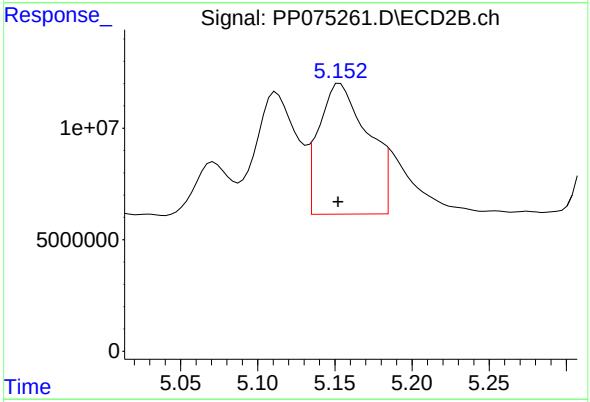
#23 AR-1248-3

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 24239118
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

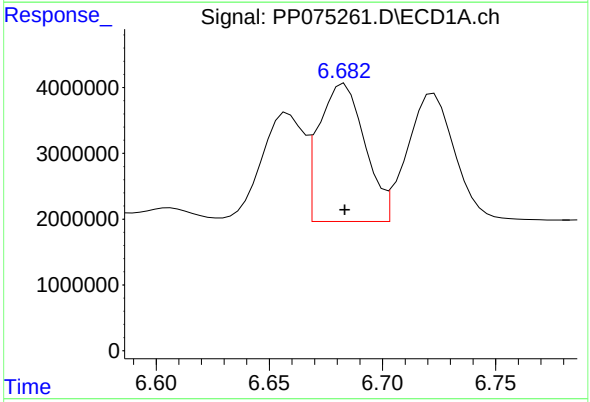
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



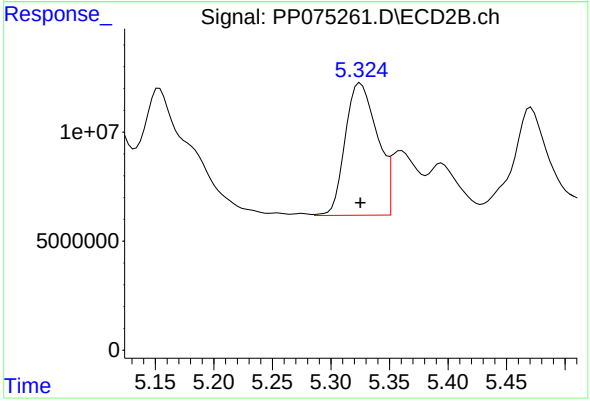
#23 AR-1248-3

R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 131811046
Conc: 515.55 ng/ml m



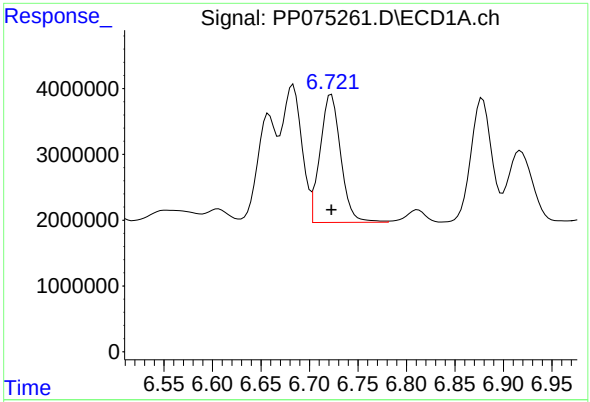
#24 AR-1248-4

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 29633124
Conc: 500.00 ng/ml



#24 AR-1248-4

R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 115623755
Conc: 500.00 ng/ml



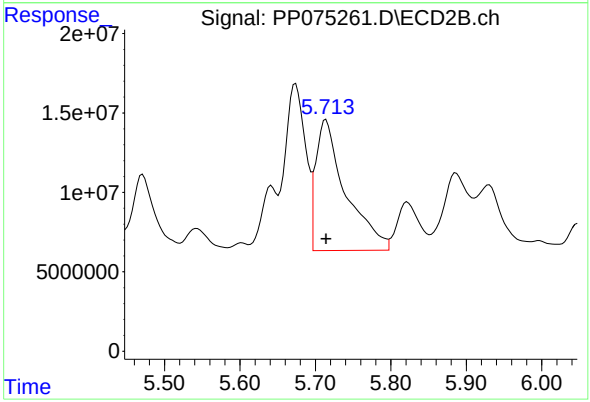
#25 AR-1248-5

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 28835751
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#25 AR-1248-5

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 226731113
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075262.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 13:26
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:14:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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...	4.657	3.801	33217069	138.8E6	25.712	22.741
2)	SA Decachlor...	10.437	8.806	25462185	150.8E6	25.822	24.087
	Target Compounds						
21)	L5 AR-1248-1	5.809	4.895	8438835	78304958	266.682	249.137
22)	L5 AR-1248-2	6.080	5.116	11269776	51510660	265.668	255.596
23)	L5 AR-1248-3	6.282	5.157	12543499	64693904	264.697	262.977m
24)	L5 AR-1248-4	6.681	5.329	15335475	57505517	265.786	247.159
25)	L5 AR-1248-5	6.720	5.719	15386978	109.3E6	272.457	250.932

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075262.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 13:26
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

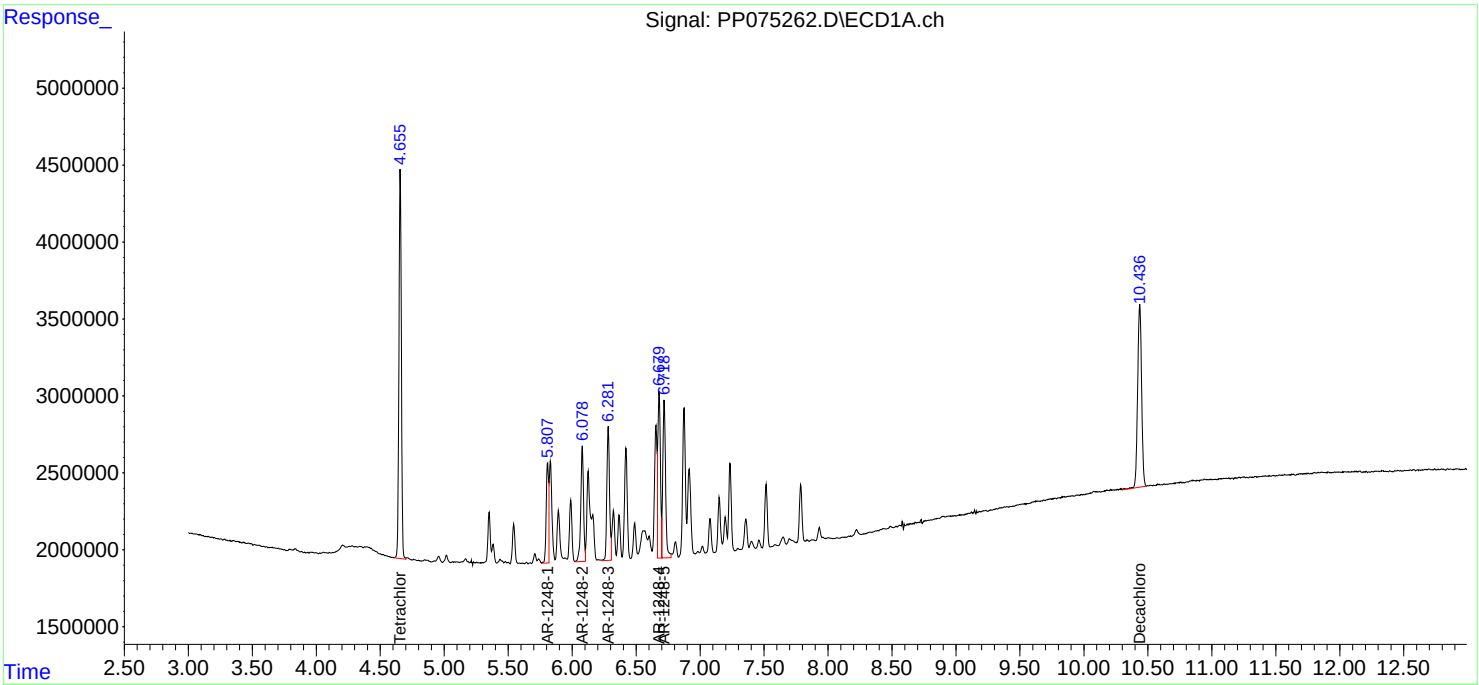
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

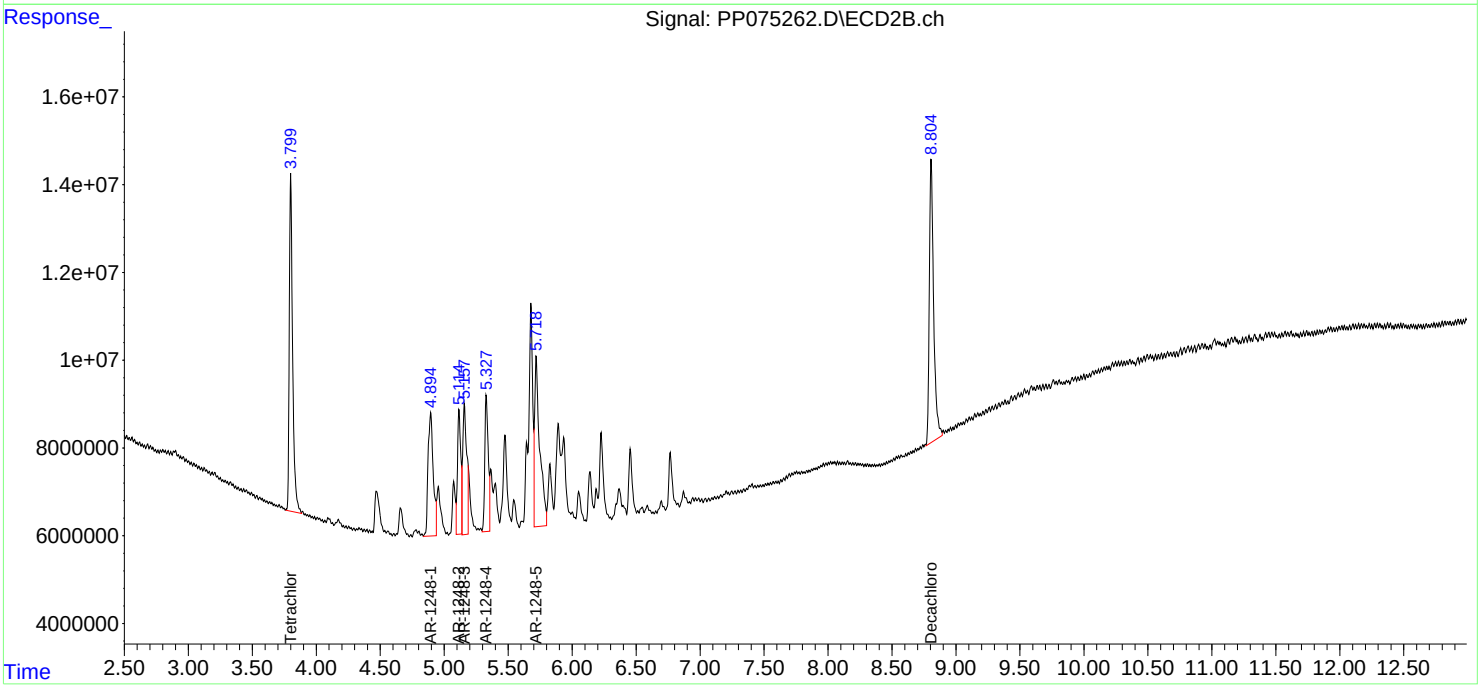
Manual Integrations APPROVED

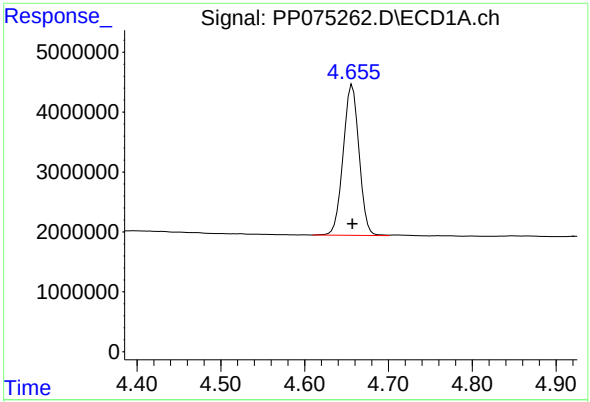
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:14:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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







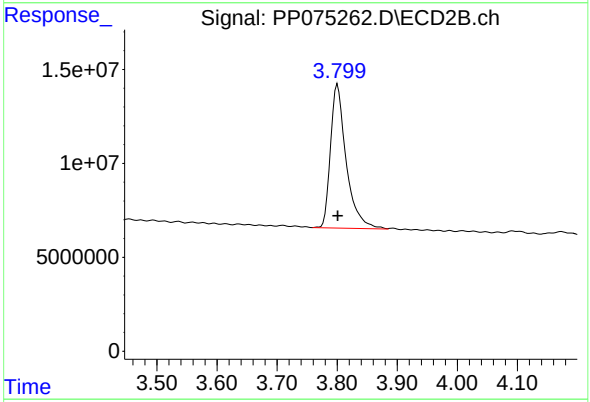
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 33217069
Conc: 25.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

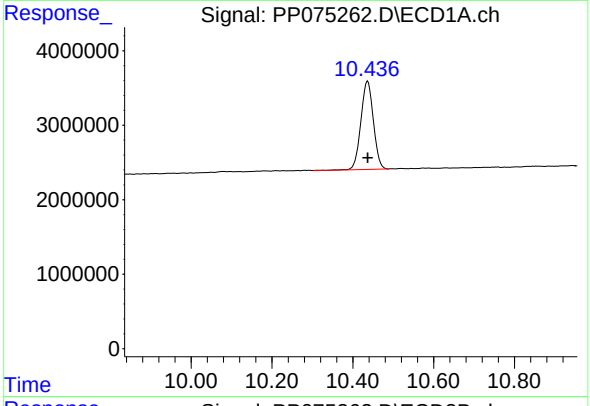
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



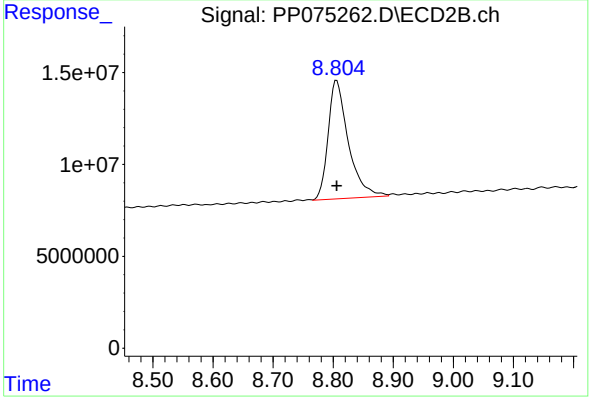
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 138838609
Conc: 22.74 ng/ml



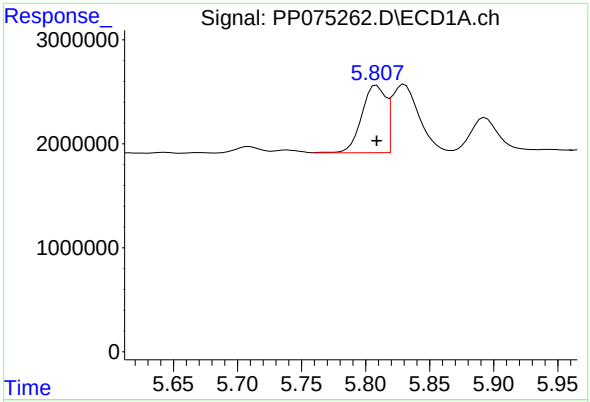
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 25462185
Conc: 25.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 150774763
Conc: 24.09 ng/ml



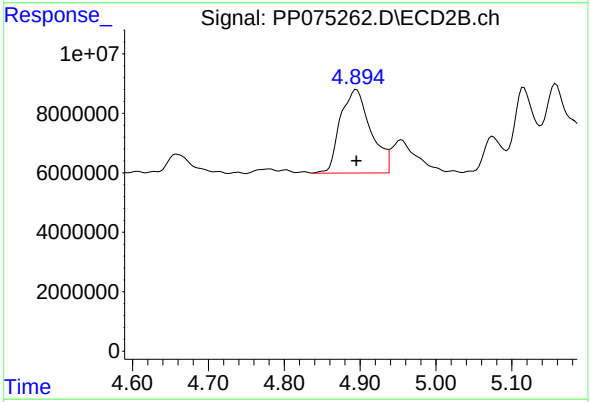
#21 AR-1248-1

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 8438835
Conc: 266.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

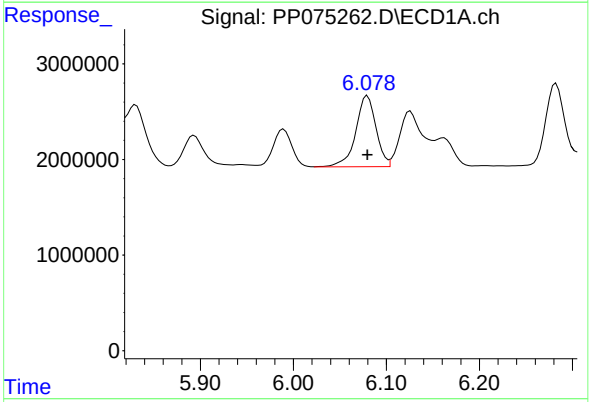
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



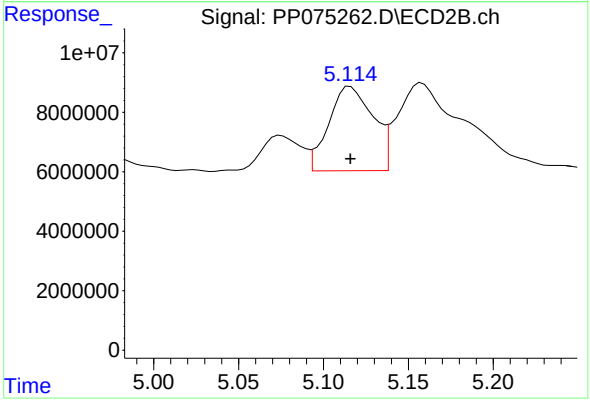
#21 AR-1248-1

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 78304958
Conc: 249.14 ng/ml



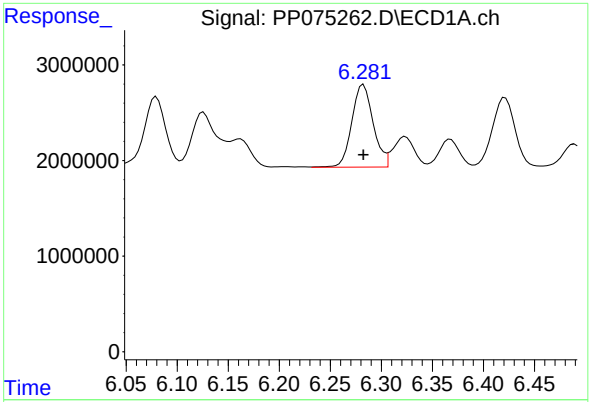
#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 11269776
Conc: 265.67 ng/ml



#22 AR-1248-2

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 51510660
Conc: 255.60 ng/ml



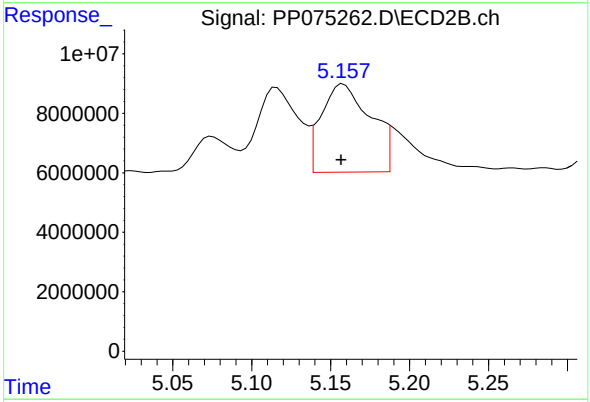
#23 AR-1248-3

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 12543499
Conc: 264.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

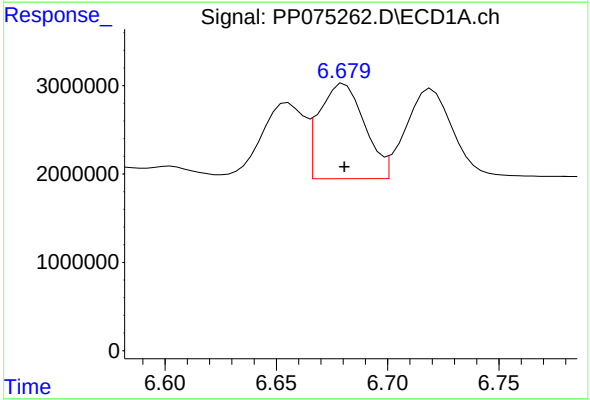
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



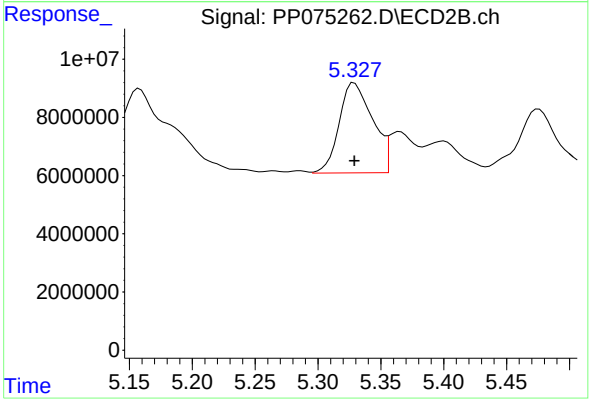
#23 AR-1248-3

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 64693904
Conc: 262.98 ng/ml m



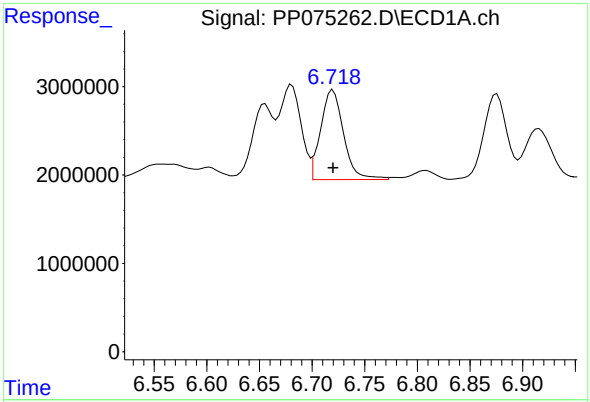
#24 AR-1248-4

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 15335475
Conc: 265.79 ng/ml



#24 AR-1248-4

R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 57505517
Conc: 247.16 ng/ml



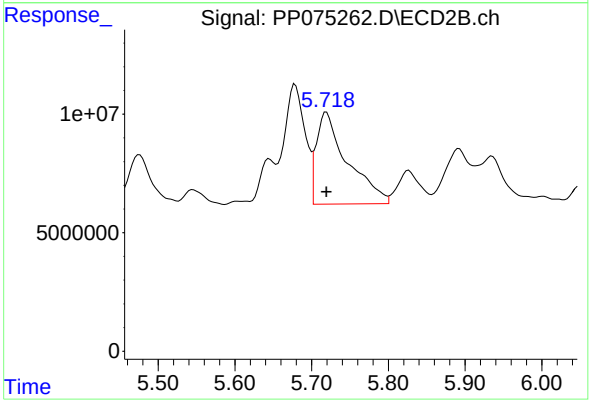
#25 AR-1248-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 15386978
Conc: 272.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#25 AR-1248-5

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 109260049
Conc: 250.93 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 13:42
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:19:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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...	4.655	3.797	6566364	21995820	5.074m	3.816
2)	SA Decachlor...	10.437	8.804	4912073	26887807	4.985	4.420
	Target Compounds						
21)	L5 AR-1248-1	5.809	4.897	1561167	12255520	49.467	40.788
22)	L5 AR-1248-2	6.080	5.114	2357910	10313506	54.370	50.936
23)	L5 AR-1248-3	6.282	5.154	2462035	12158074	51.552	45.736m
24)	L5 AR-1248-4	6.681	5.326	3238253	11652585	54.782	50.066
25)	L5 AR-1248-5	6.719	5.728	3479899	15059630	59.114m	36.859 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 13:42
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

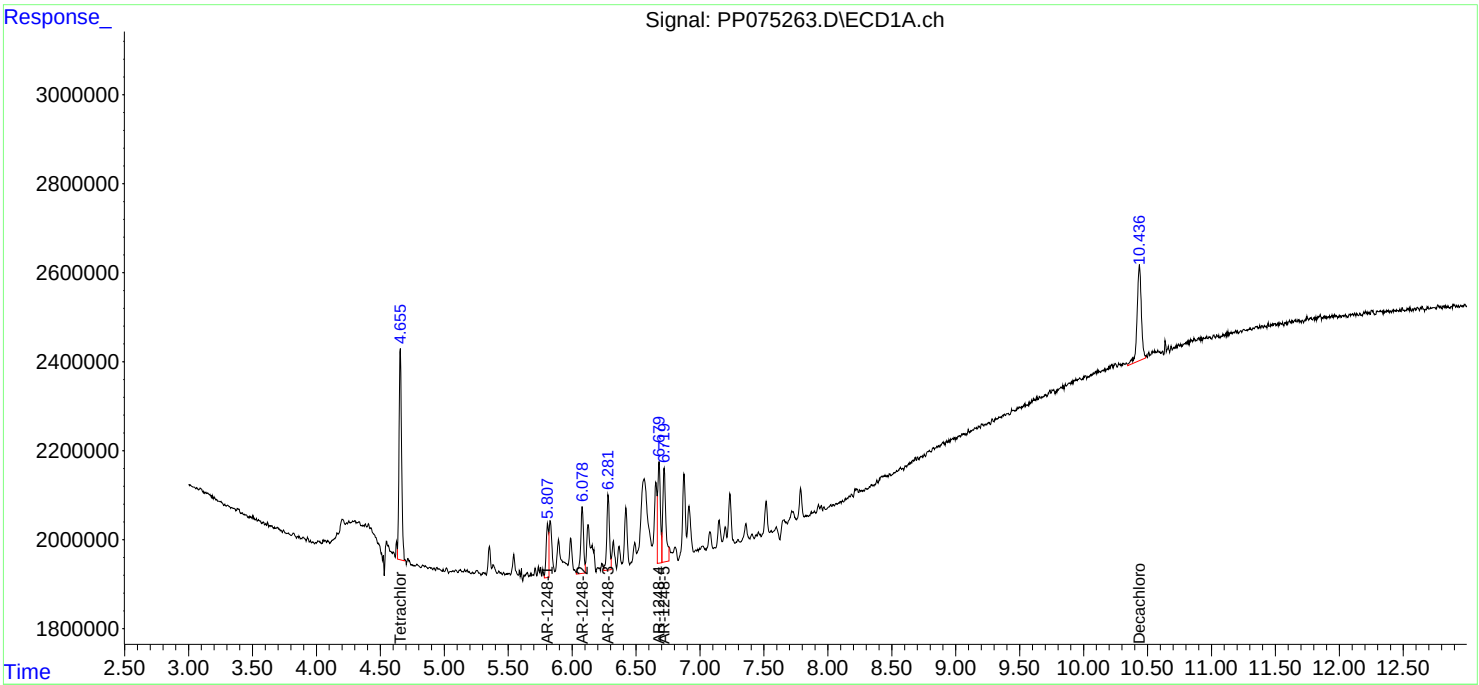
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

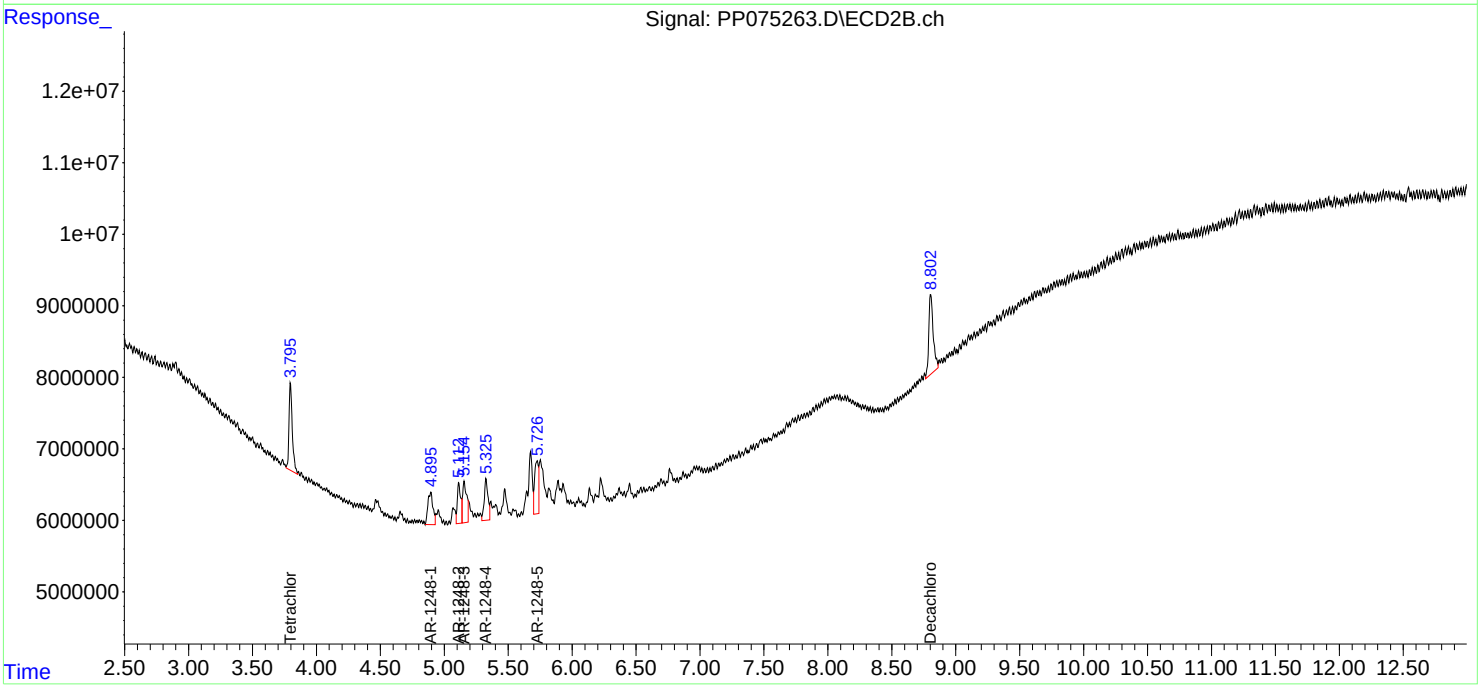
Manual Integrations APPROVED

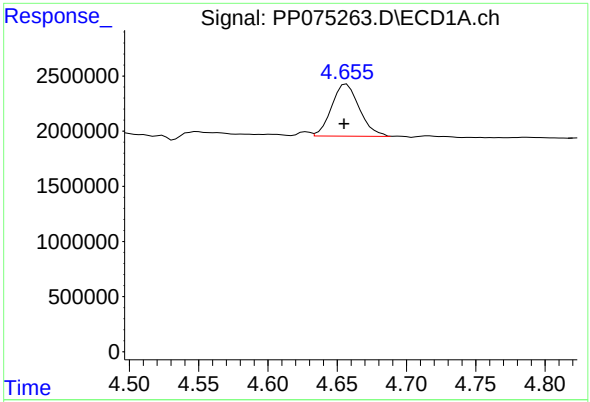
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:19:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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







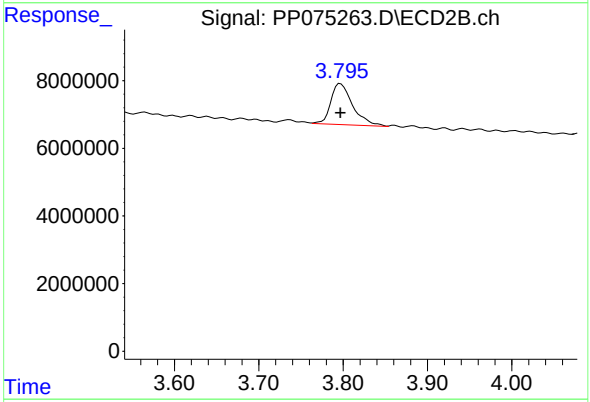
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 6566364
Conc: 5.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

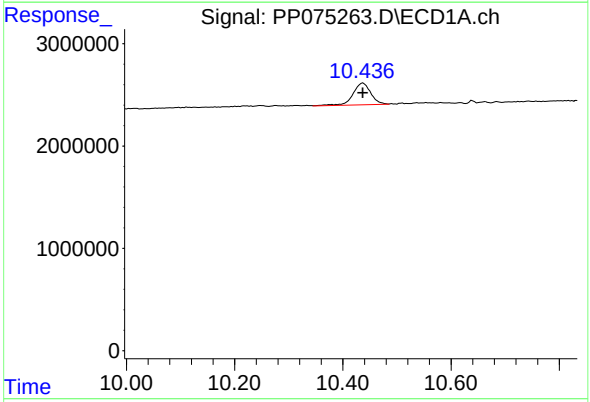
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



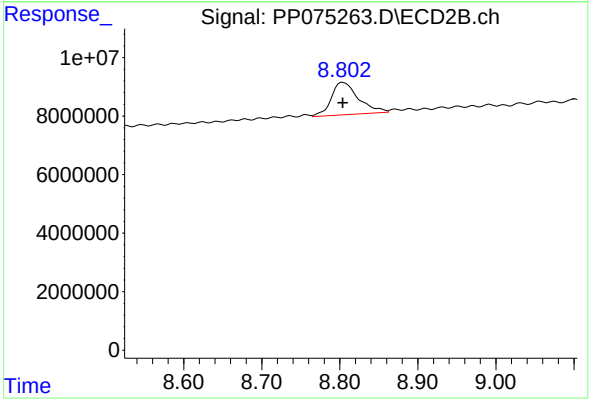
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 21995820
Conc: 3.82 ng/ml



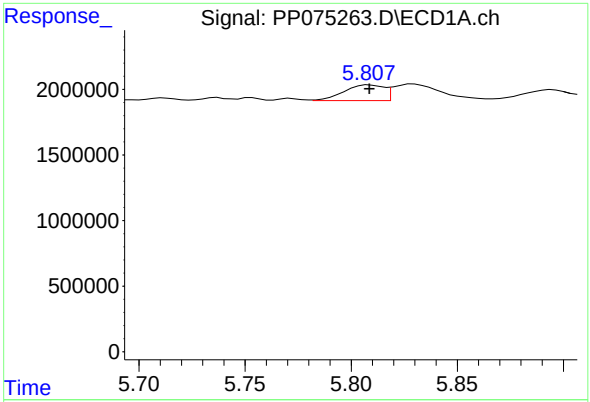
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 4912073
Conc: 4.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 26887807
Conc: 4.42 ng/ml



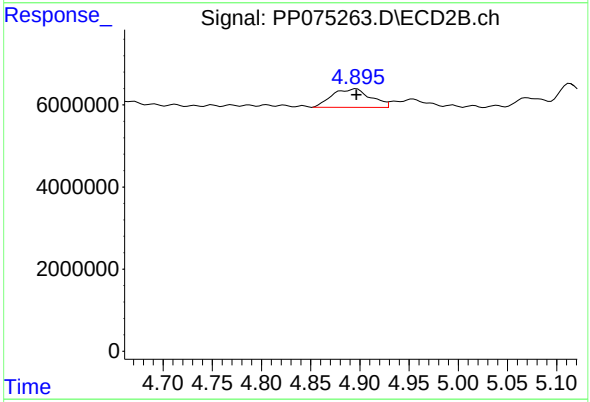
#21 AR-1248-1

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 1561167
Conc: 49.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

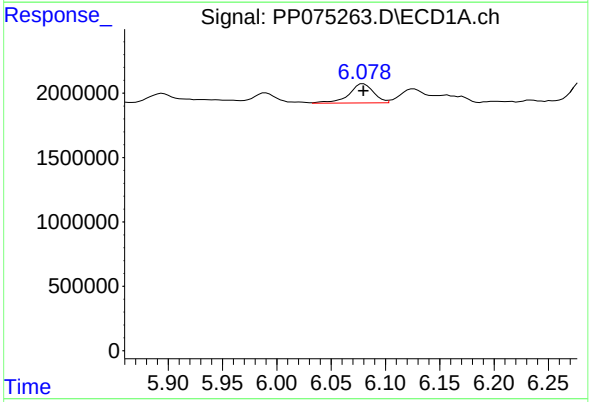
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



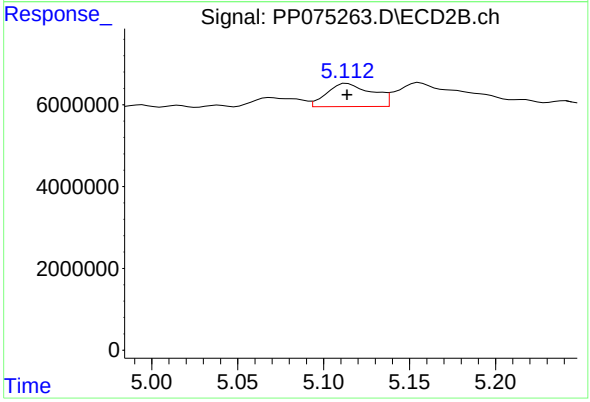
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 12255520
Conc: 40.79 ng/ml



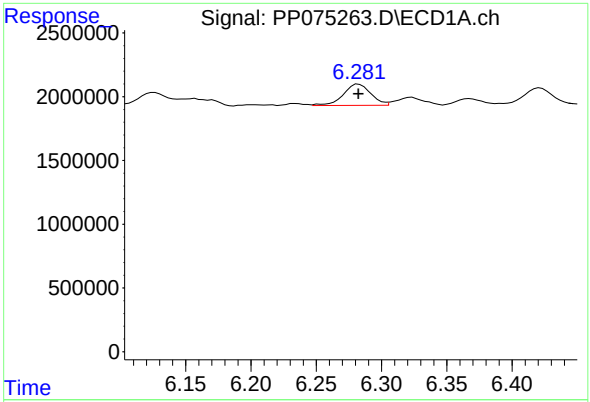
#22 AR-1248-2

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 2357910
Conc: 54.37 ng/ml



#22 AR-1248-2

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 10313506
Conc: 50.94 ng/ml



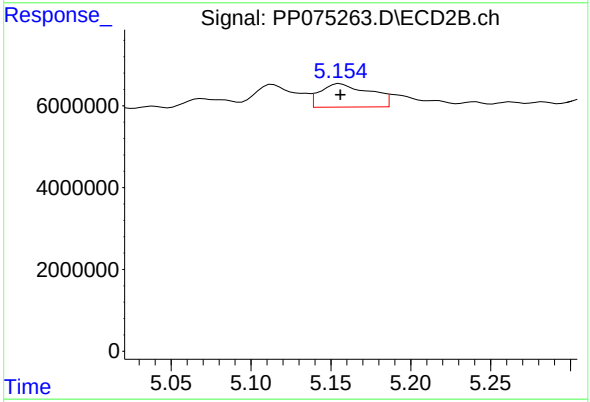
#23 AR-1248-3

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 2462035
Conc: 51.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

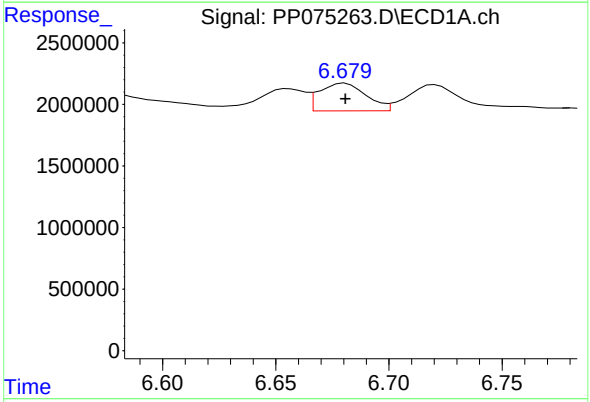
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



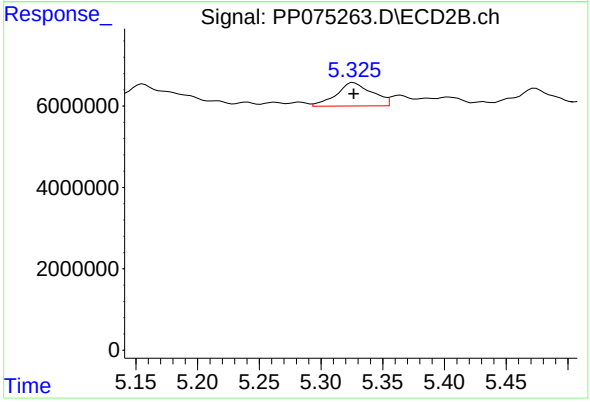
#23 AR-1248-3

R.T.: 5.154 min
Delta R.T.: -0.001 min
Response: 12158074
Conc: 45.74 ng/ml m



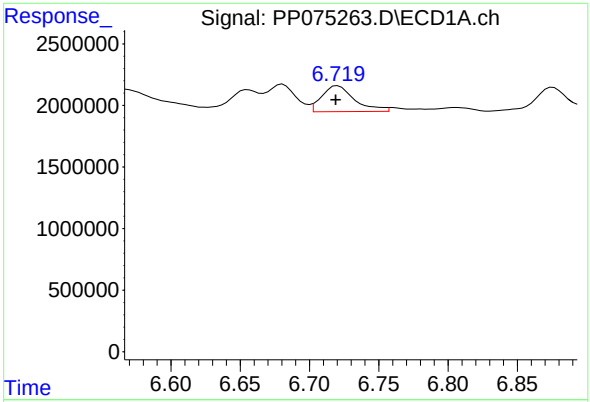
#24 AR-1248-4

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 3238253
Conc: 54.78 ng/ml



#24 AR-1248-4

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 11652585
Conc: 50.07 ng/ml



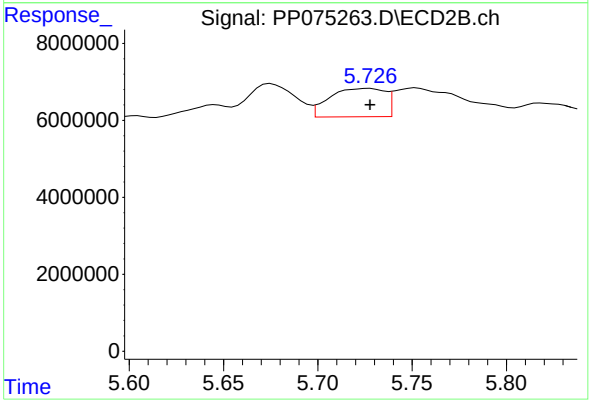
#25 AR-1248-5

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 3479899
Conc: 59.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#25 AR-1248-5

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 15059630
Conc: 36.86 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 14:15
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:27:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:25:14 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...	4.660	3.799	124.3E6	624.1E6	96.412	98.637
2)	SA Decachlor...	10.440	8.805	94019612	623.8E6	94.956	97.883
	Target Compounds						
26)	L6 AR-1254-1	6.659	5.678	61475917	503.0E6	968.019m	971.997
27)	L6 AR-1254-2	6.876	5.825	77552440	378.2E6	944.080	972.887
28)	L6 AR-1254-3	7.238	6.227	82845377	715.2E6	946.428	997.656
29)	L6 AR-1254-4	7.520	6.453	64880438	505.6E6	943.395	962.588
30)	L6 AR-1254-5	7.936	6.870	77310574	551.8E6	947.519	921.721

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 14:15
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

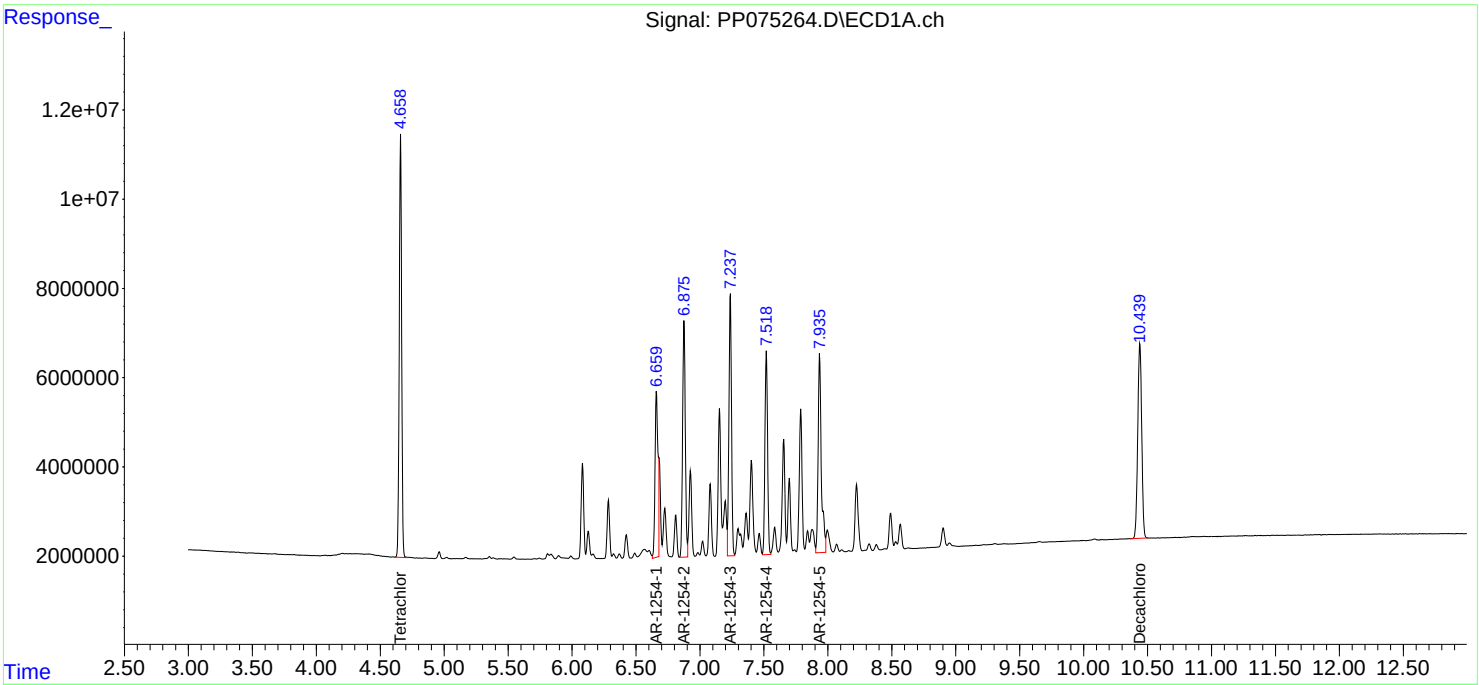
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

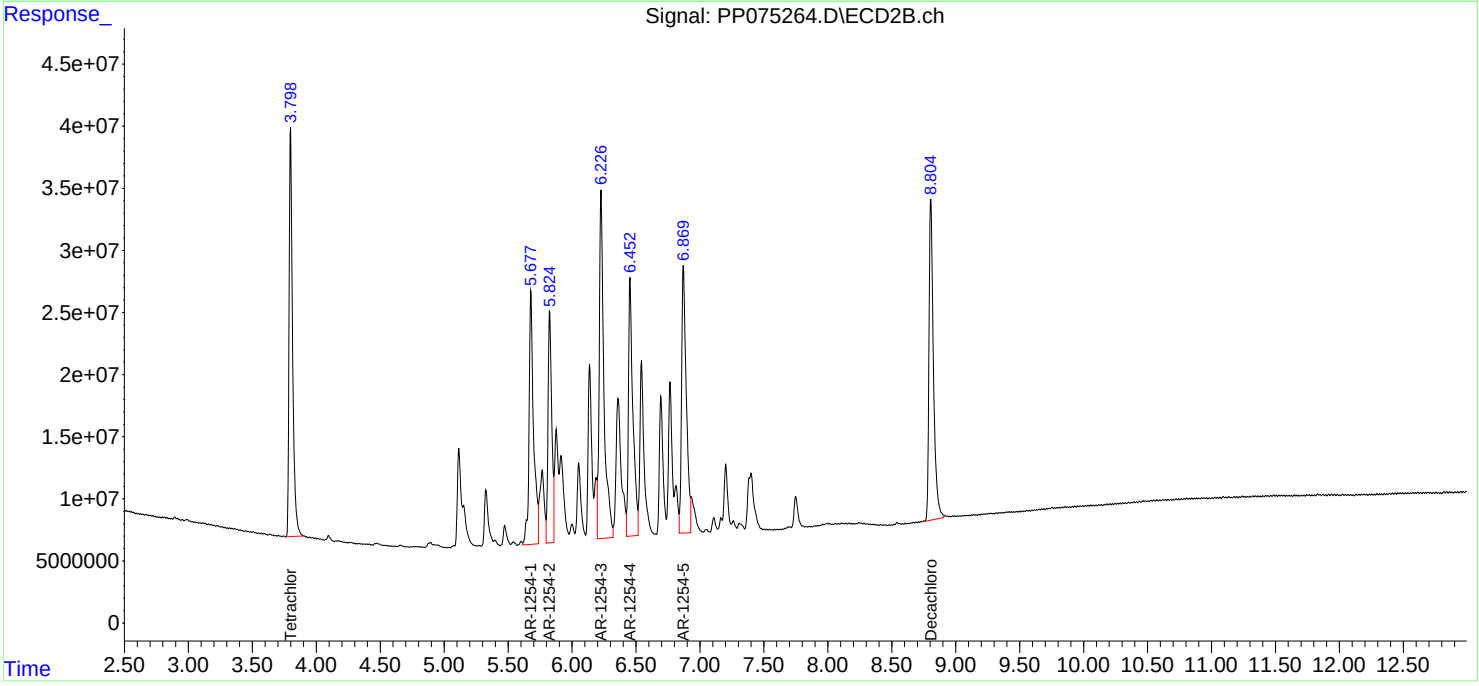
Manual Integrations APPROVED

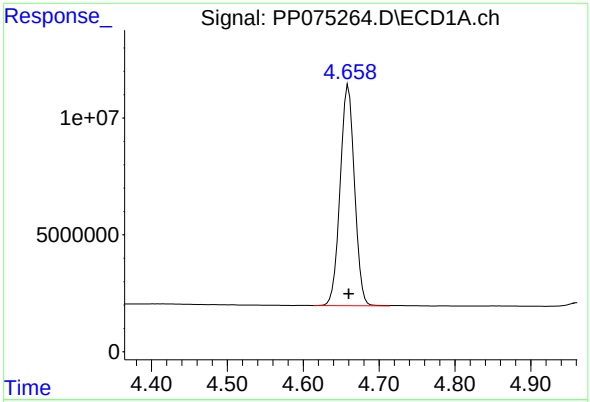
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:27:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:25:14 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







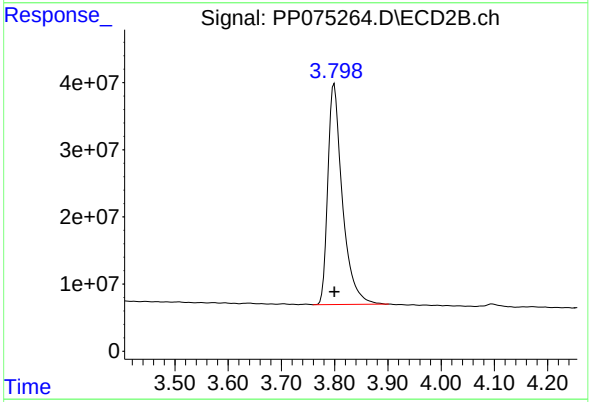
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 124326548
Conc: 96.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

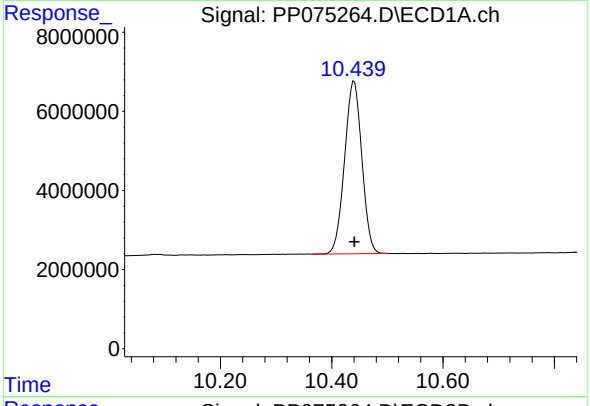
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



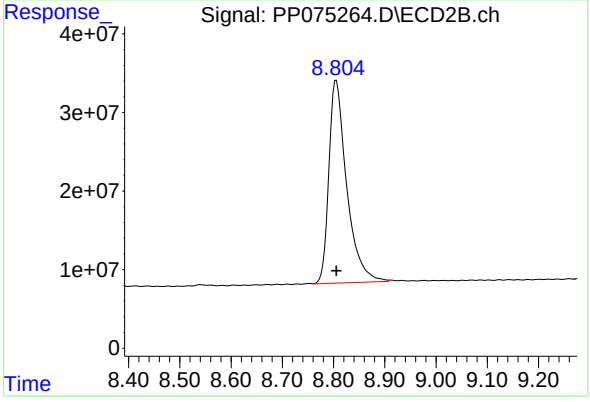
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 624084086
Conc: 98.64 ng/ml



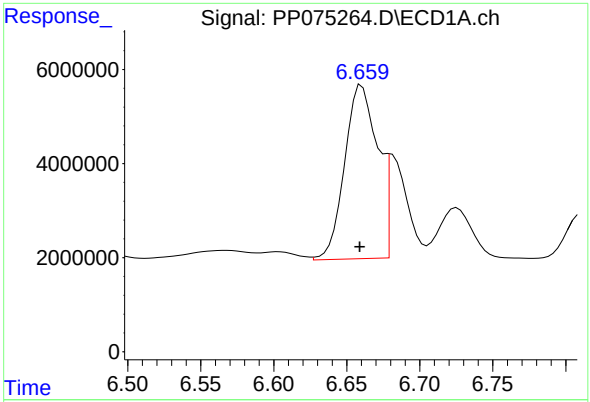
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.000 min
Response: 94019612
Conc: 94.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 623770605
Conc: 97.88 ng/ml



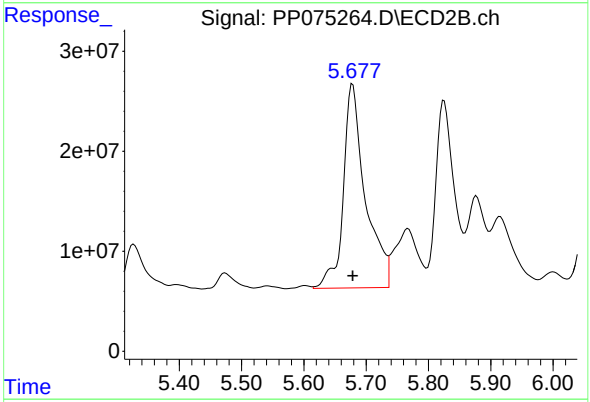
#26 AR-1254-1

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 61475917
Conc: 968.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

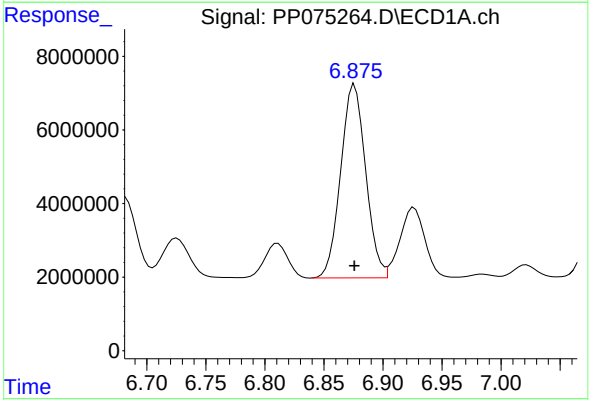
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



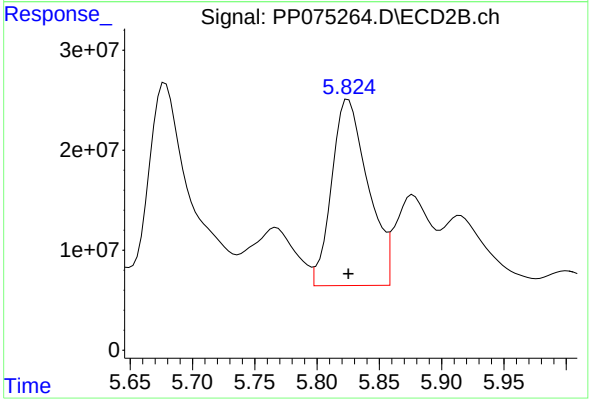
#26 AR-1254-1

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 503004292
Conc: 972.00 ng/ml



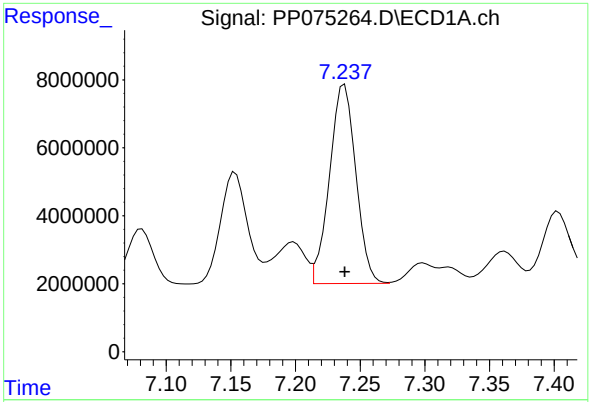
#27 AR-1254-2

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 77552440
Conc: 944.08 ng/ml



#27 AR-1254-2

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 378219544
Conc: 972.89 ng/ml



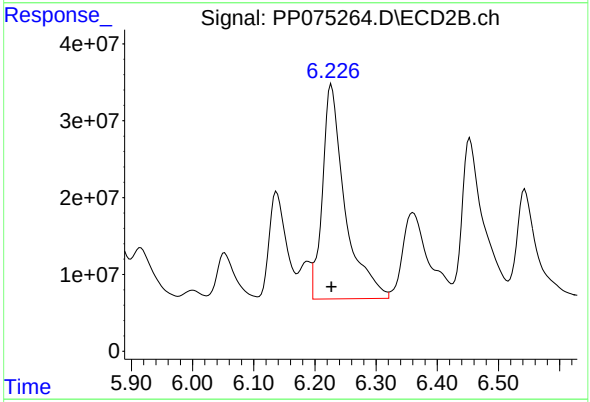
#28 AR-1254-3

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 82845377
Conc: 946.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

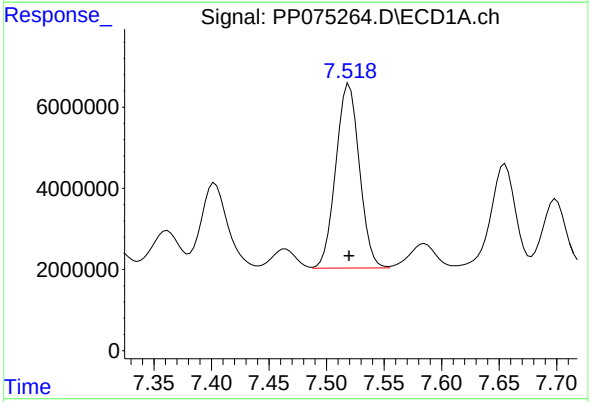
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



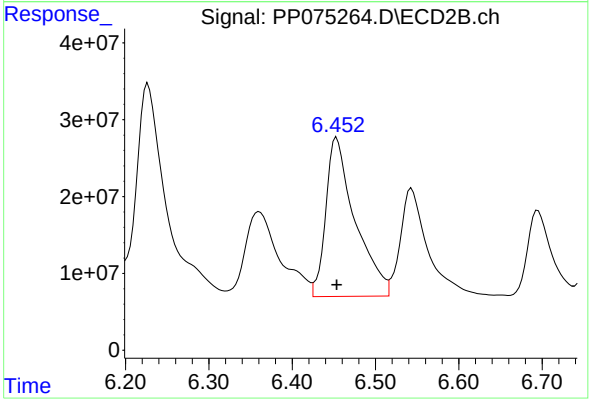
#28 AR-1254-3

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 715208754
Conc: 997.66 ng/ml



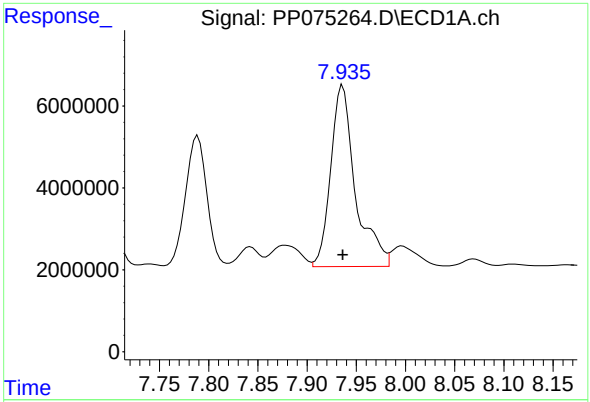
#29 AR-1254-4

R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 64880438
Conc: 943.40 ng/ml



#29 AR-1254-4

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 505627774
Conc: 962.59 ng/ml



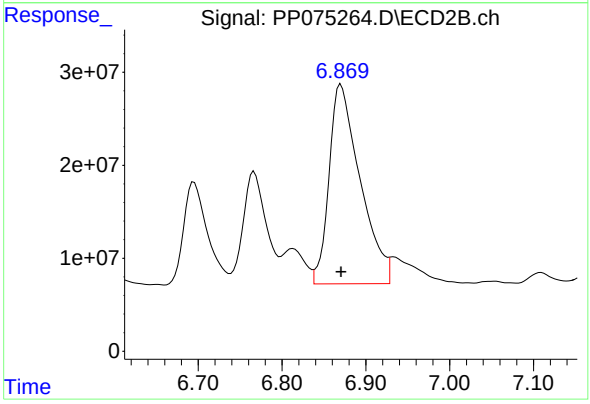
#30 AR-1254-5

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 77310574
Conc: 947.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#30 AR-1254-5

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 551845651
Conc: 921.72 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 14:31
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:30:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:25:14 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...	4.656	3.799	97801585	485.2E6	75.559	76.113
2)	SA Decachlor...	10.437	8.806	74646283	470.9E6	75.259	74.263
	Target Compounds						
26)	L6 AR-1254-1	6.656	5.678	47050728	401.3E6	729.090m	766.735
27)	L6 AR-1254-2	6.873	5.825	61746016	302.7E6	751.107	768.826
28)	L6 AR-1254-3	7.235	6.227	65961946	542.1E6	752.364	754.081
29)	L6 AR-1254-4	7.517	6.454	51519817	403.9E6	749.416	762.571
30)	L6 AR-1254-5	7.933	6.871	61456126	473.6E6	752.135	776.903

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 14:31
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

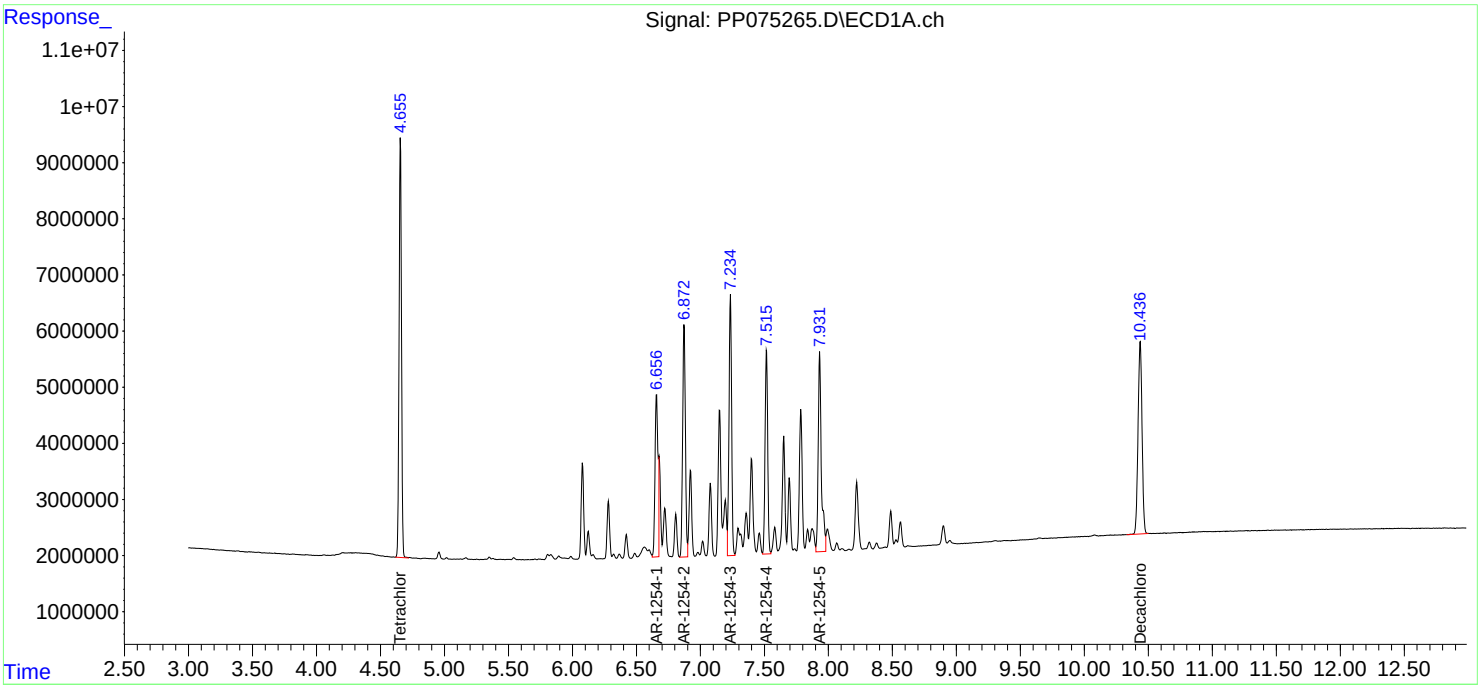
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

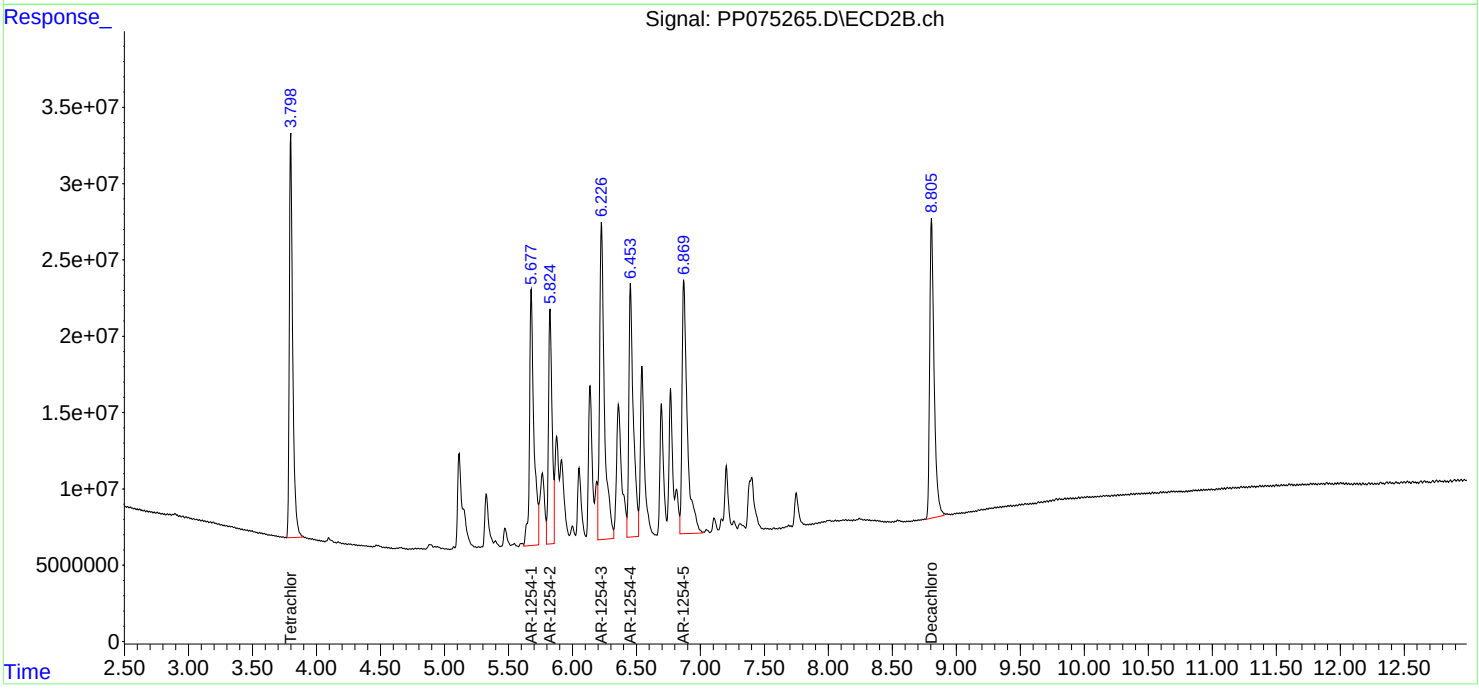
Manual Integrations APPROVED

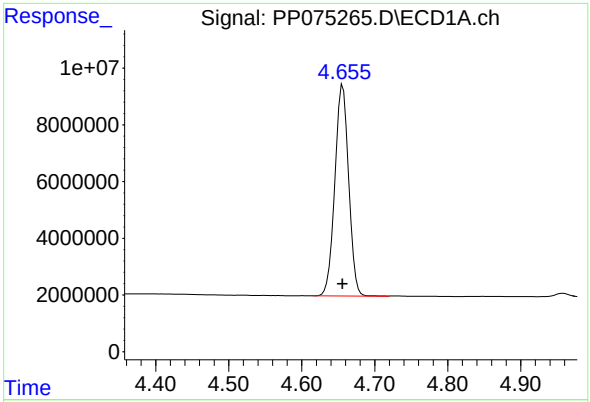
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:30:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:25:14 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







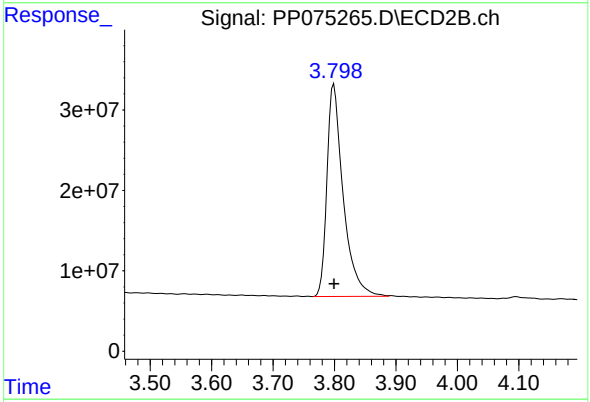
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 97801585
Conc: 75.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

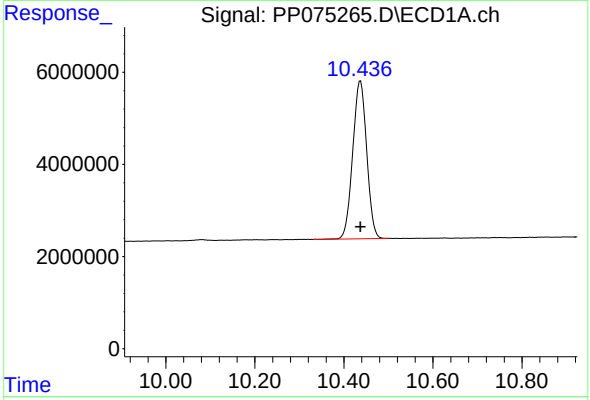
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



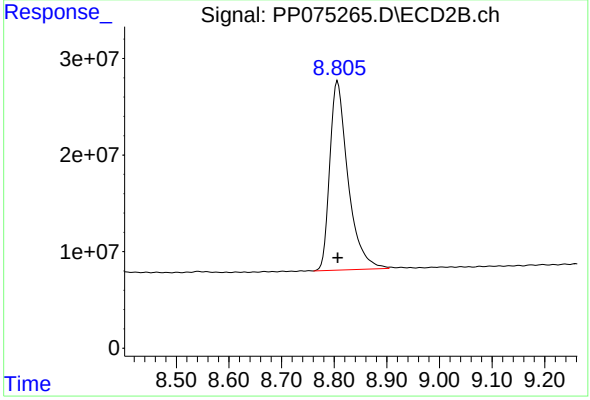
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 485175176
Conc: 76.11 ng/ml



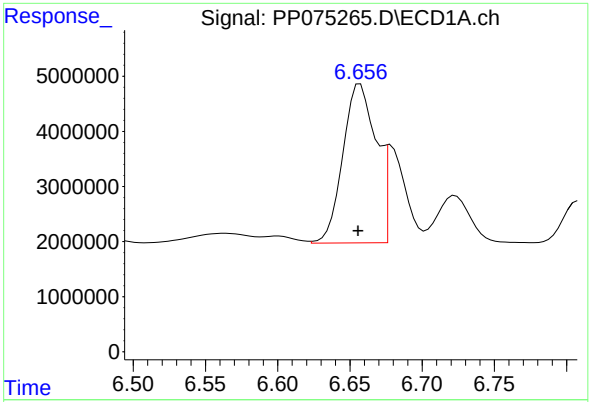
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 74646283
Conc: 75.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 470934373
Conc: 74.26 ng/ml



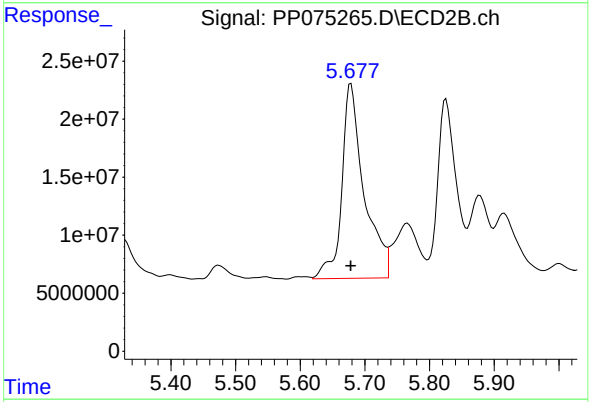
#26 AR-1254-1

R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 47050728
Conc: 729.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

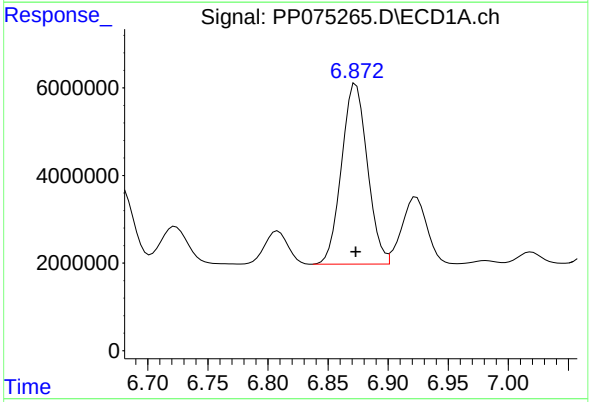
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



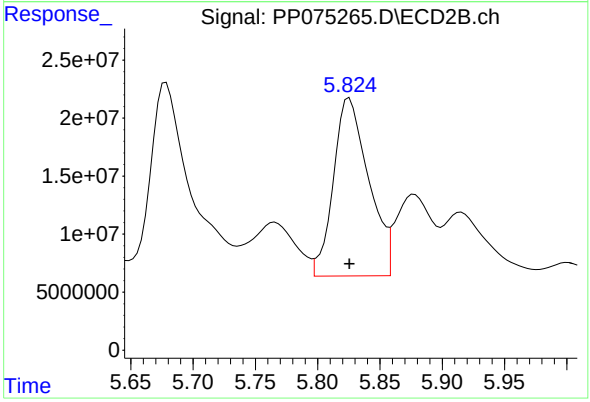
#26 AR-1254-1

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 401258825
Conc: 766.74 ng/ml



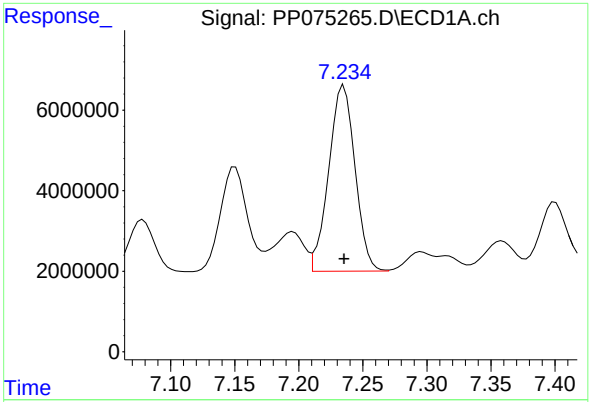
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 61746016
Conc: 751.11 ng/ml



#27 AR-1254-2

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 302687531
Conc: 768.83 ng/ml



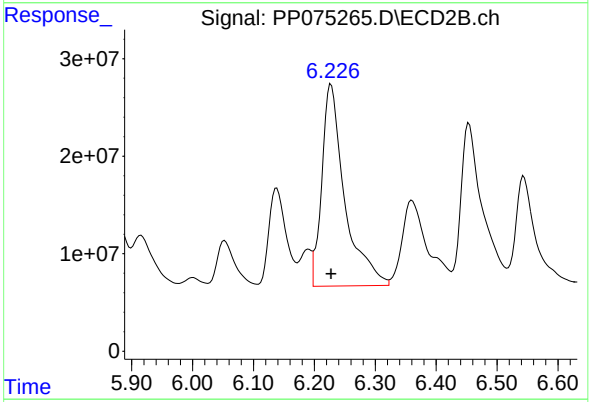
#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 65961946
Conc: 752.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

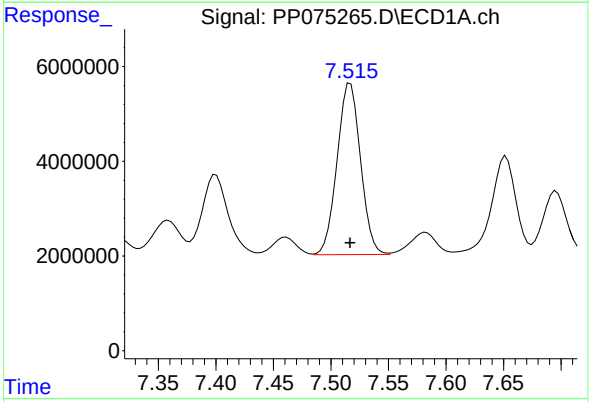
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



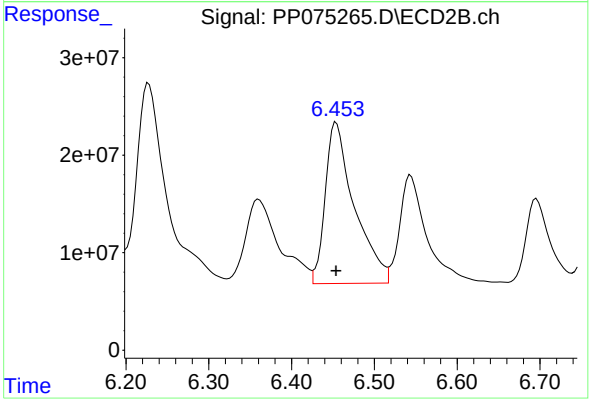
#28 AR-1254-3

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 542066993
Conc: 754.08 ng/ml



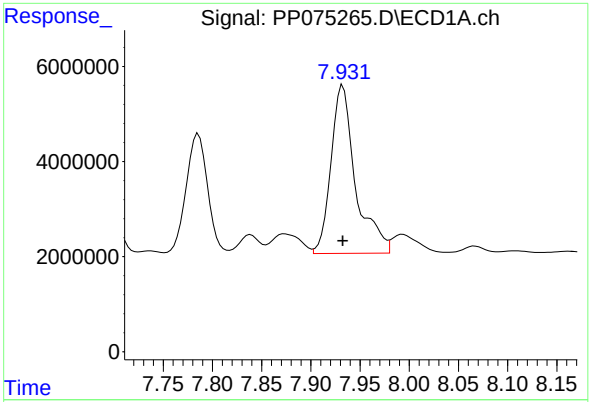
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 51519817
Conc: 749.42 ng/ml



#29 AR-1254-4

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 403948394
Conc: 762.57 ng/ml



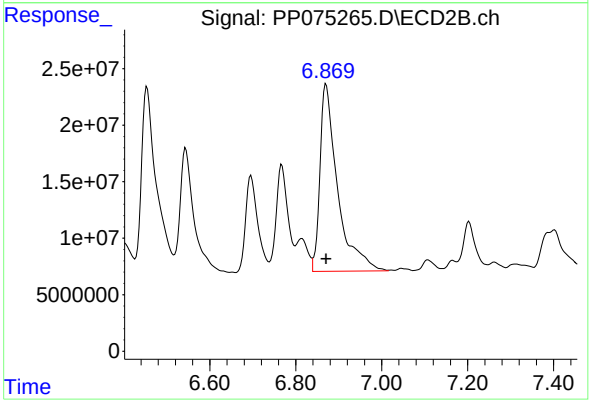
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 61456126
Conc: 752.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#30 AR-1254-5

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 473636635
Conc: 776.90 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 14:47
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:14:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:13:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.799	66790785	320.7E6	50.000	50.000
2)	SA Decachlor...	10.441	8.806	52004273	325.4E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.659	5.679	32993341	266.0E6	519.163m	500.000
27)	L6 AR-1254-2	6.876	5.826	43369825	199.7E6	500.000	500.000
28)	L6 AR-1254-3	7.238	6.228	46112134	359.3E6	500.000	500.000
29)	L6 AR-1254-4	7.520	6.455	36333103	272.5E6	500.000	500.000
30)	L6 AR-1254-5	7.936	6.871	42937319	322.8E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 14:47
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

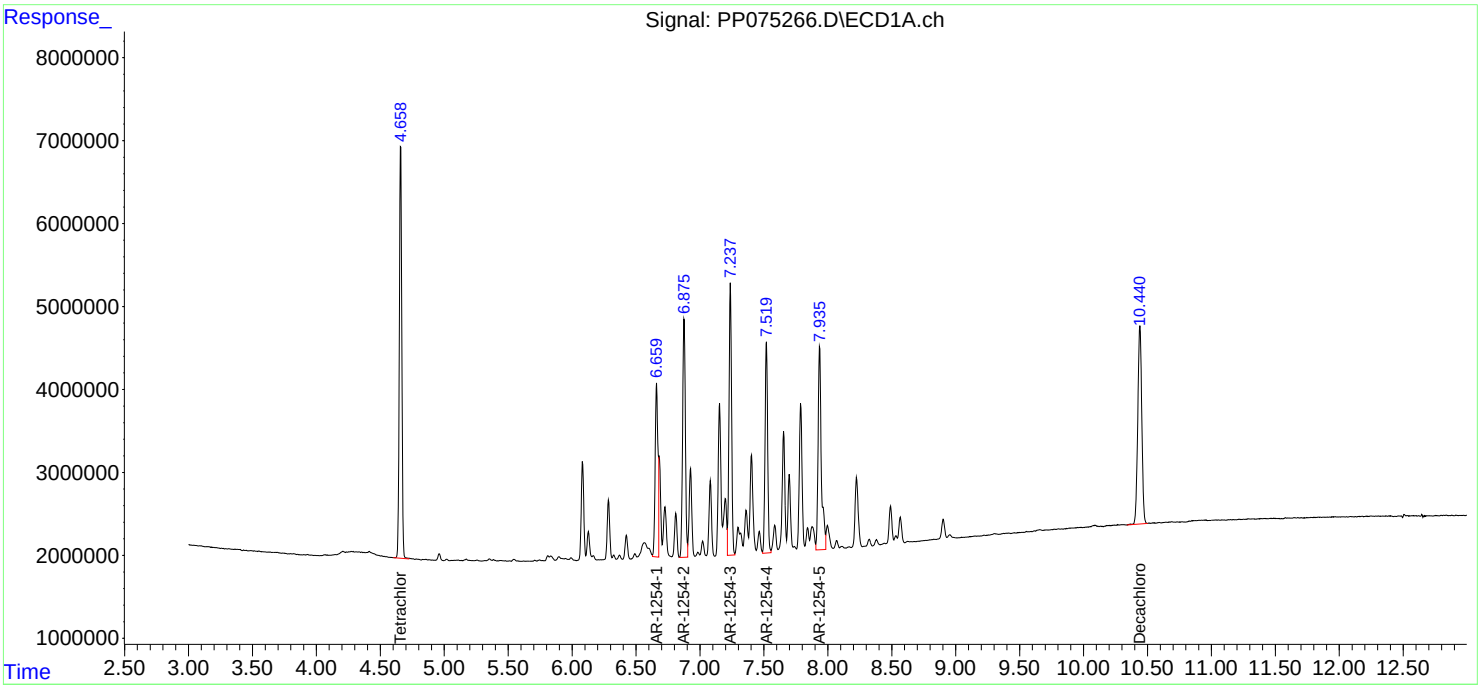
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

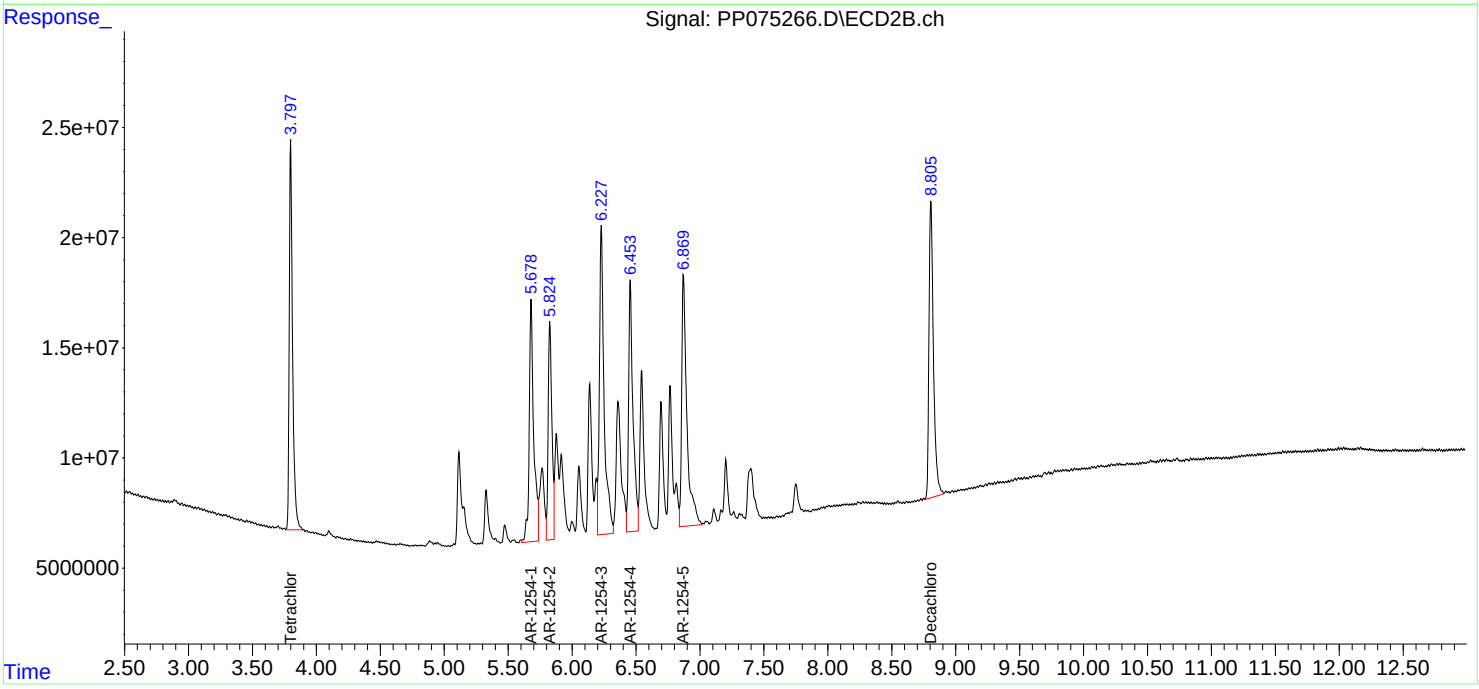
Manual Integrations APPROVED

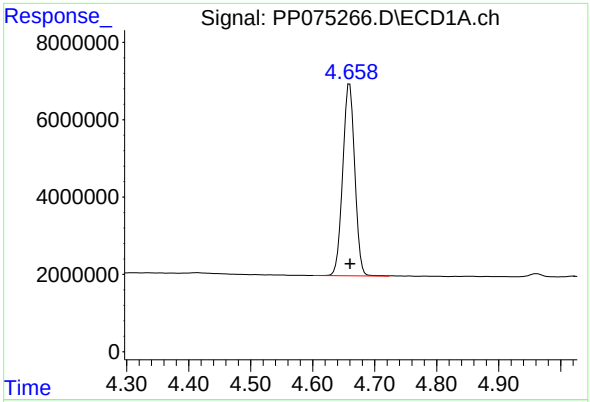
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:14:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:13:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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







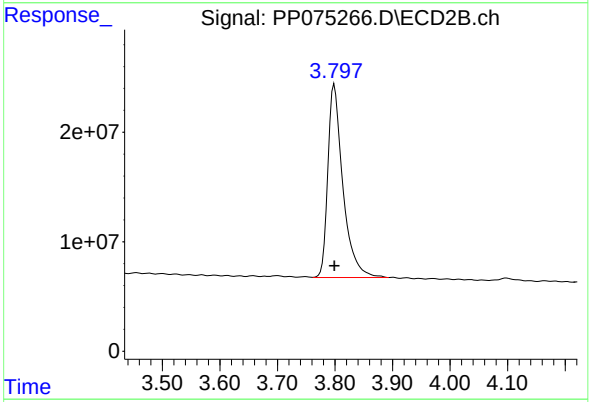
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 66790785
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

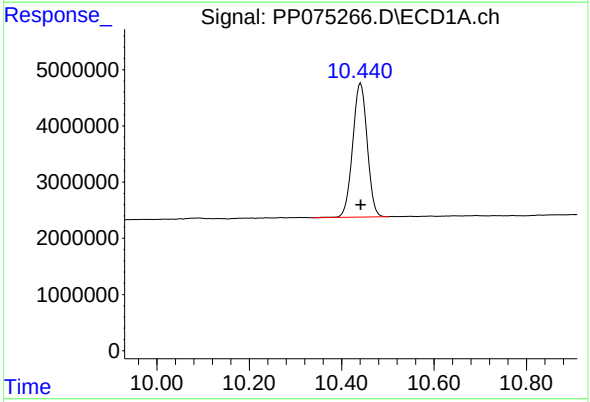
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



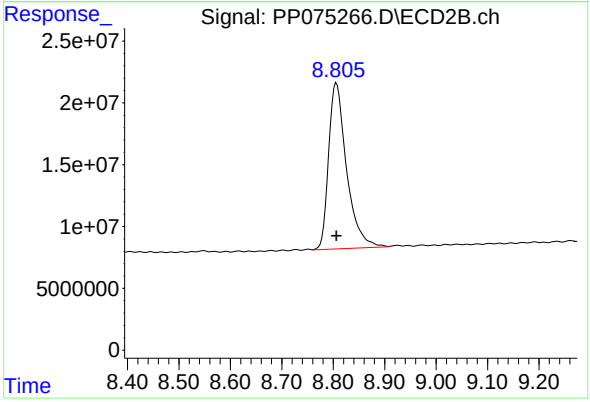
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 320666699
Conc: 50.00 ng/ml



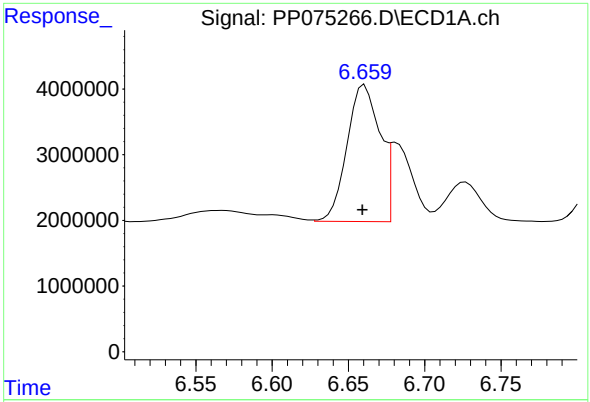
#2 Decachlorobiphenyl

R.T.: 10.441 min
Delta R.T.: 0.000 min
Response: 52004273
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 325373732
Conc: 50.00 ng/ml



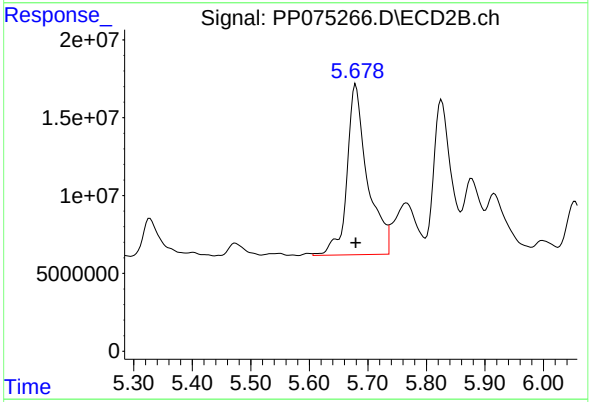
#26 AR-1254-1

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 32993341
Conc: 519.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

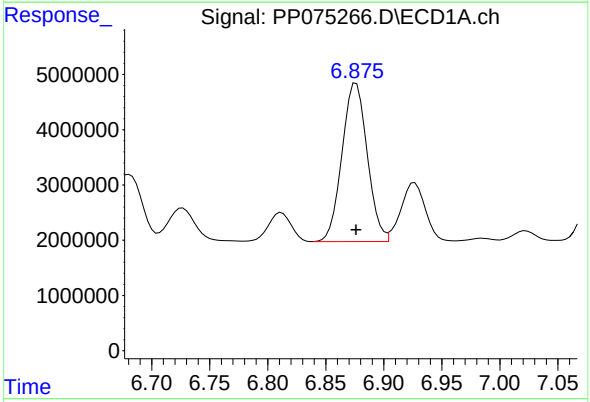
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



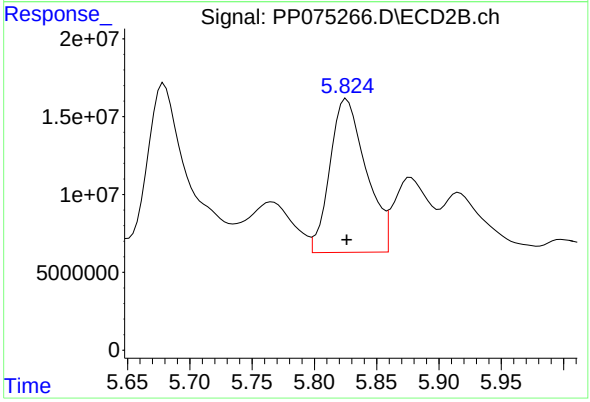
#26 AR-1254-1

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 265993528
Conc: 500.00 ng/ml



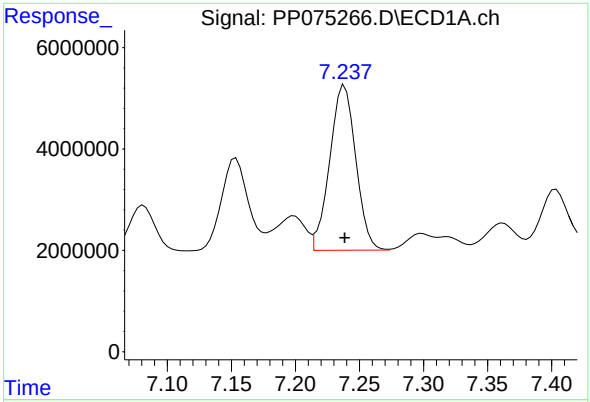
#27 AR-1254-2

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 43369825
Conc: 500.00 ng/ml



#27 AR-1254-2

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 199650338
Conc: 500.00 ng/ml



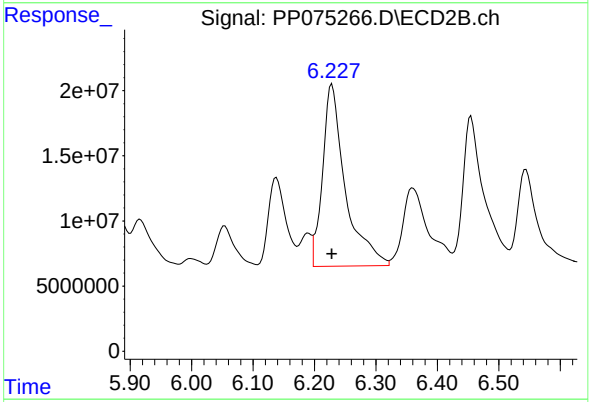
#28 AR-1254-3

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 46112134
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

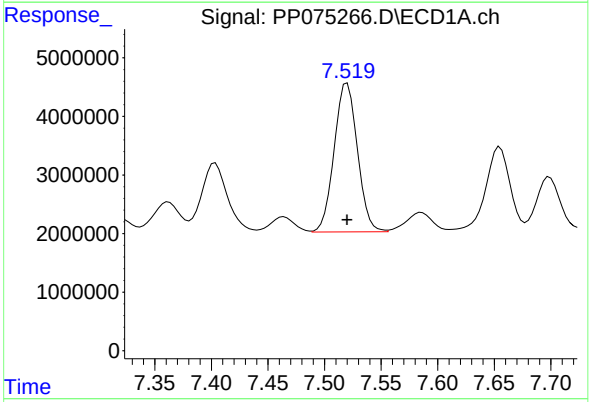
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



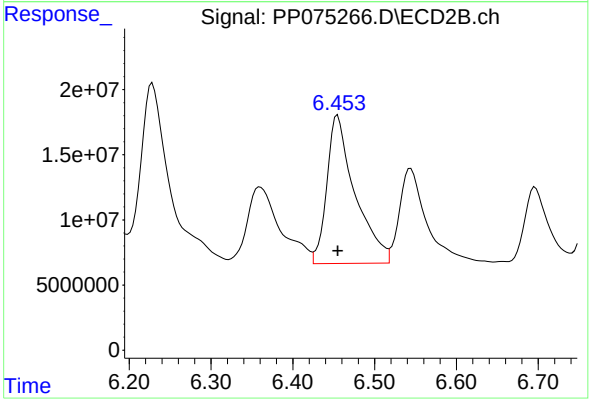
#28 AR-1254-3

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 359284618
Conc: 500.00 ng/ml



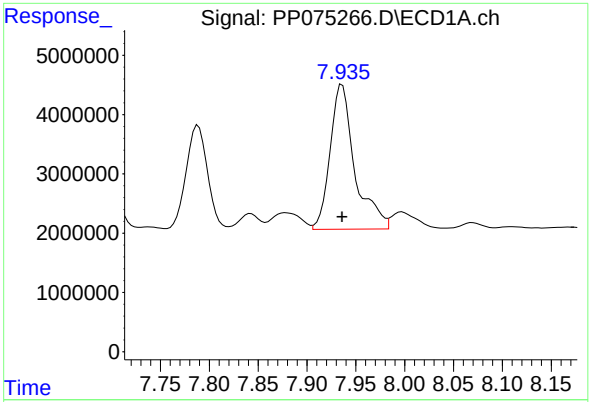
#29 AR-1254-4

R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 36333103
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 272465654
Conc: 500.00 ng/ml



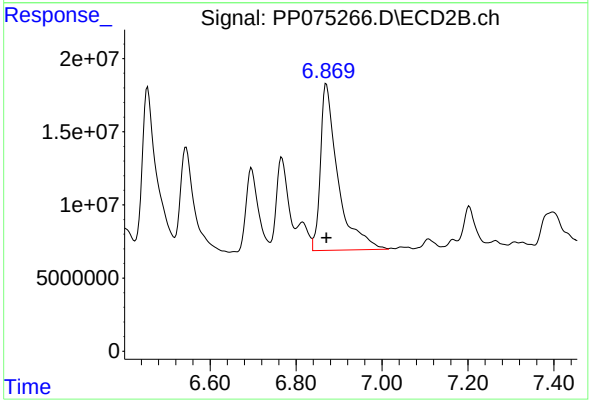
#30 AR-1254-5

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 42937319
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#30 AR-1254-5

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 322789634
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 15:04
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:34:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:25:14 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...	4.659	3.798	33173271	137.6E6	25.469	22.344
2)	SA Decachlor...	10.440	8.806	25068322	153.9E6	25.205	24.451
	Target Compounds						
26)	L6 AR-1254-1	6.658	5.678	15749633	130.5E6	242.688m	249.504
27)	L6 AR-1254-2	6.875	5.825	22036705	98058544	263.308	249.301
28)	L6 AR-1254-3	7.238	6.227	23518741	165.6E6	263.446	234.968
29)	L6 AR-1254-4	7.519	6.453	18117404	123.1E6	260.019	236.508
30)	L6 AR-1254-5	7.935	6.870	21487152	144.6E6	259.604	240.237

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 15:04
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

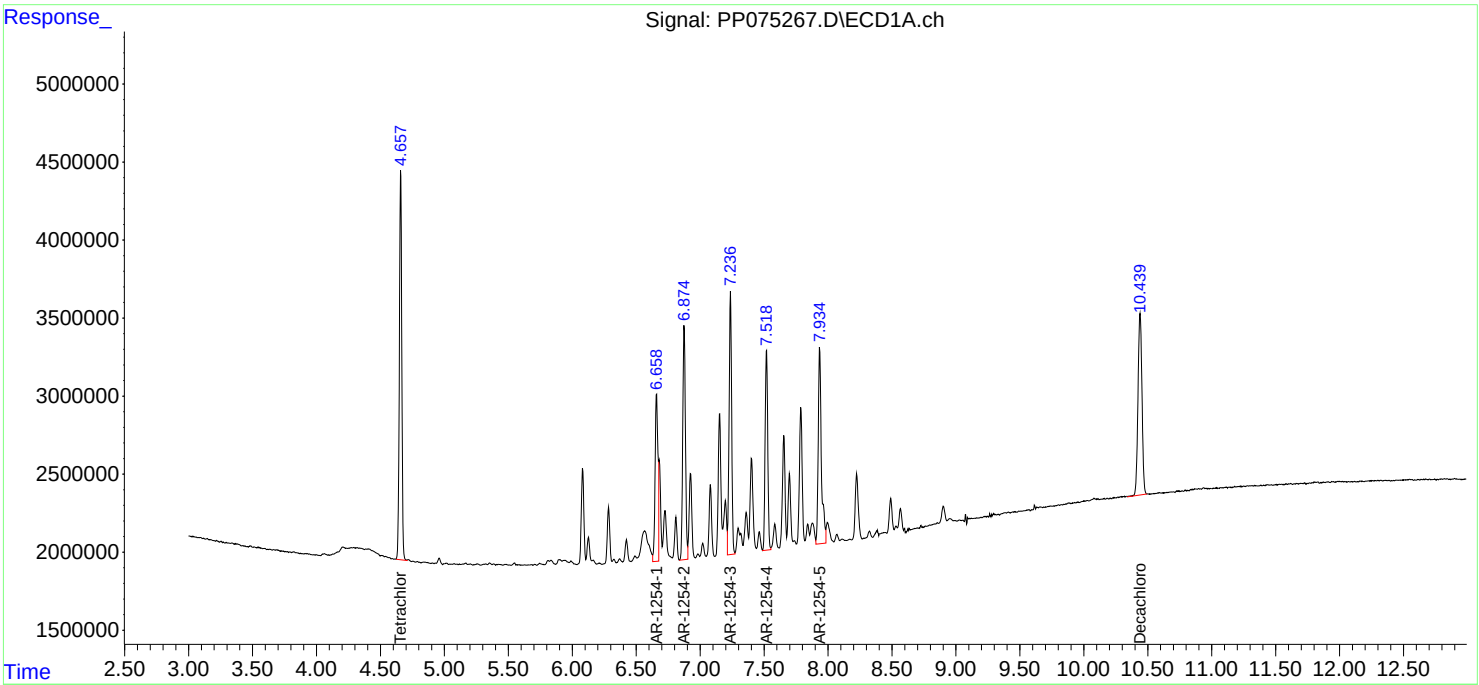
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

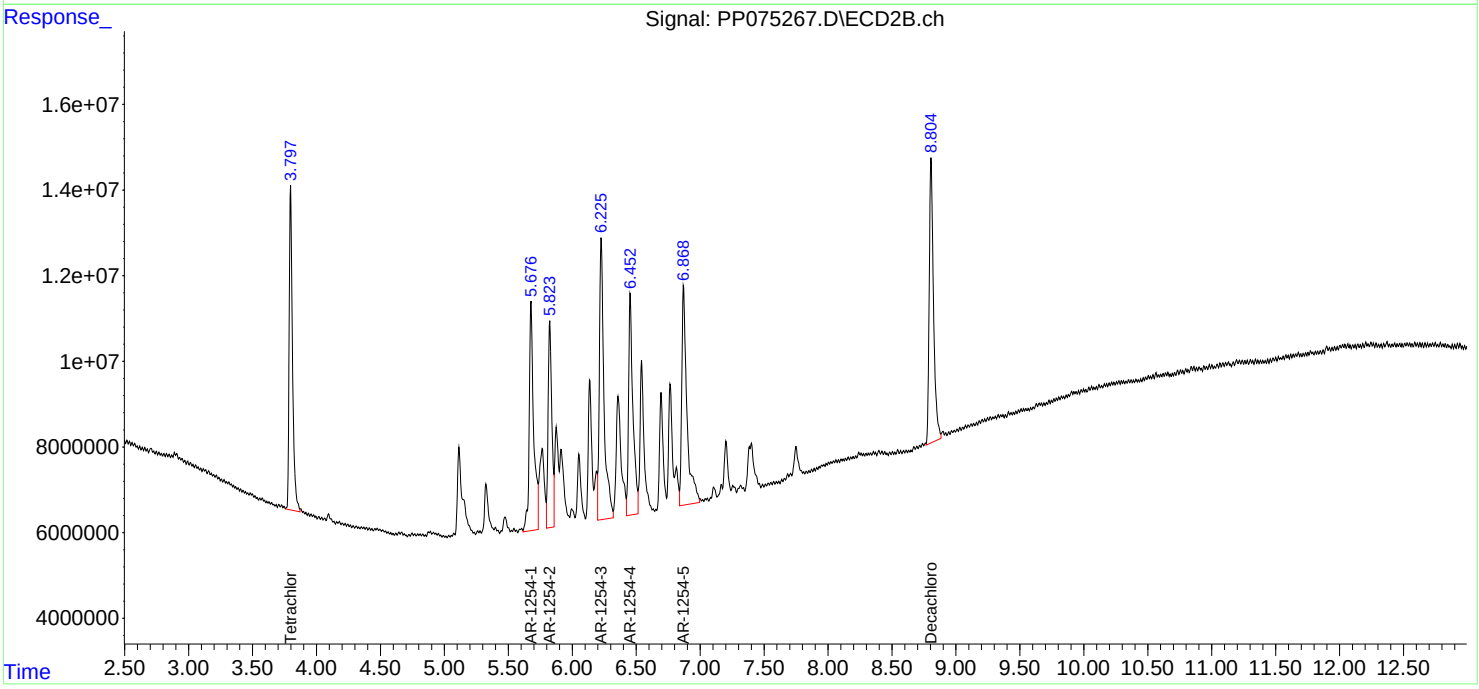
Manual Integrations APPROVED

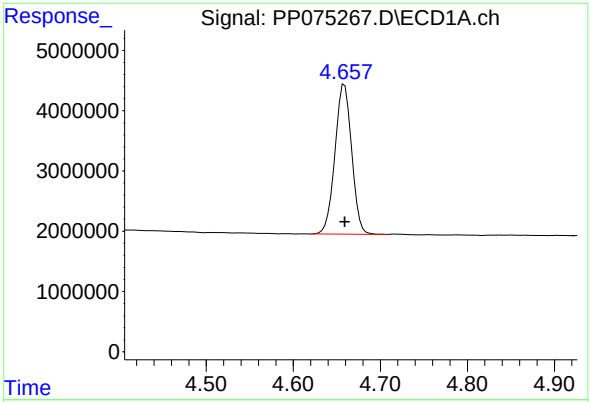
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:34:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:25:14 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







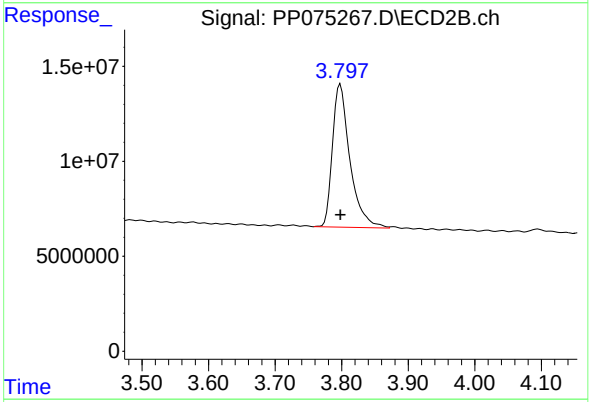
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 33173271
Conc: 25.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

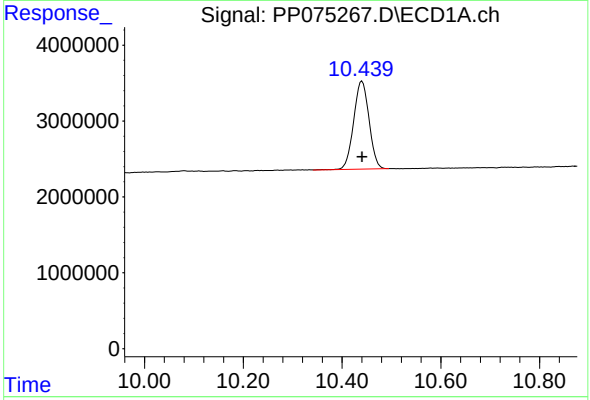
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



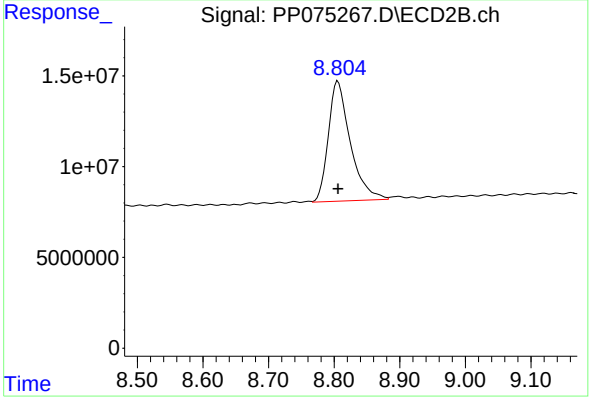
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 137556954
Conc: 22.34 ng/ml



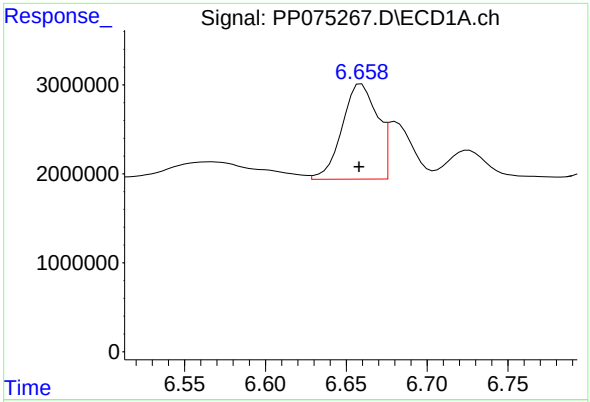
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.000 min
Response: 25068322
Conc: 25.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 153931032
Conc: 24.45 ng/ml



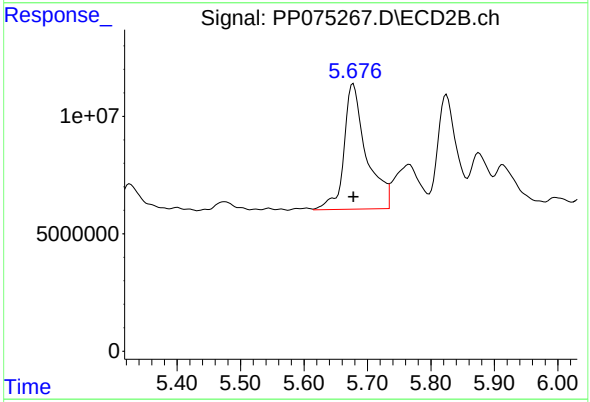
#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 15749633
Conc: 242.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

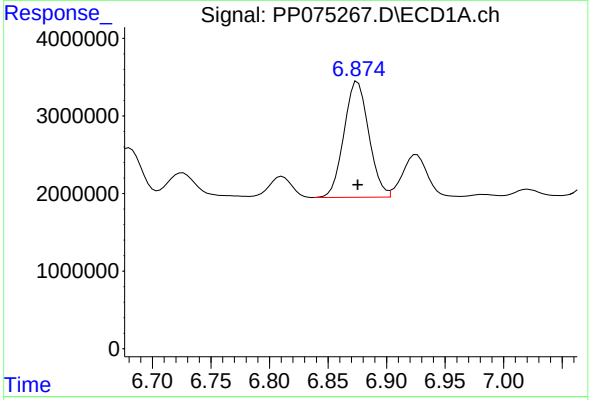
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



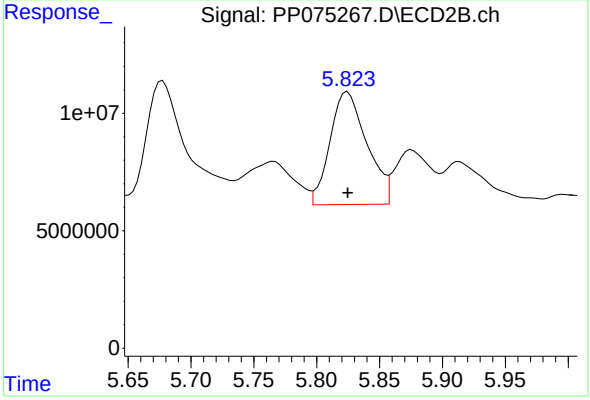
#26 AR-1254-1

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 130487950
Conc: 249.50 ng/ml



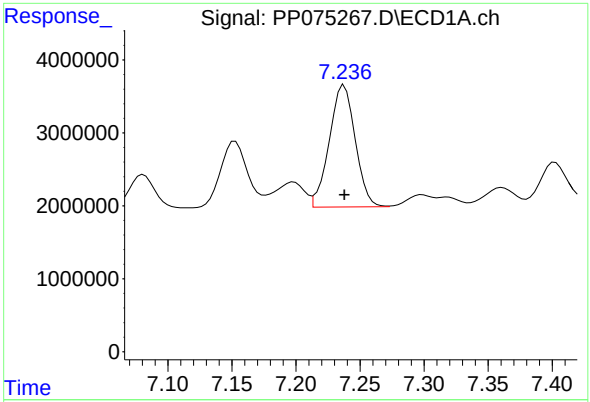
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 22036705
Conc: 263.31 ng/ml



#27 AR-1254-2

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 98058544
Conc: 249.30 ng/ml



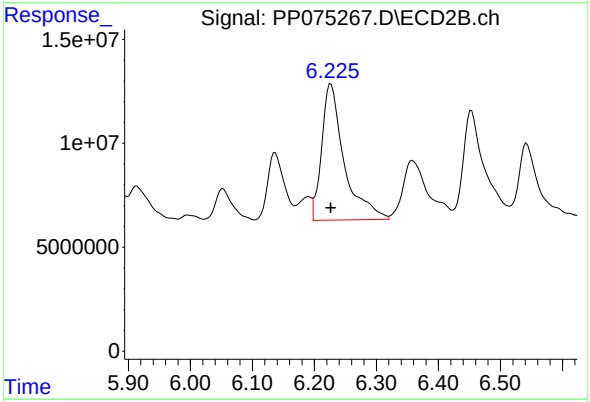
#28 AR-1254-3

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 23518741
Conc: 263.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

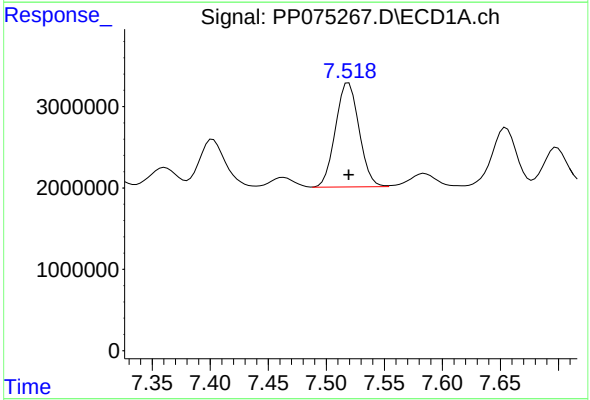
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



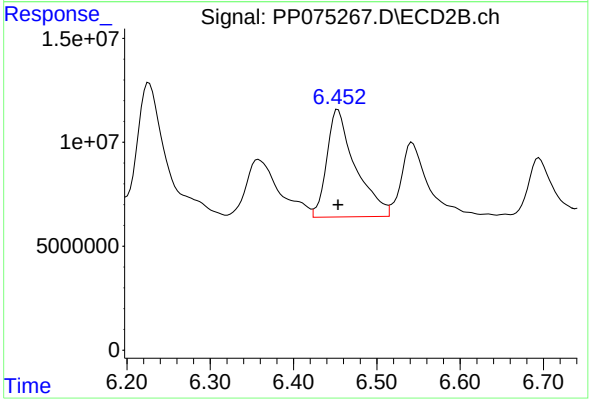
#28 AR-1254-3

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 165586814
Conc: 234.97 ng/ml



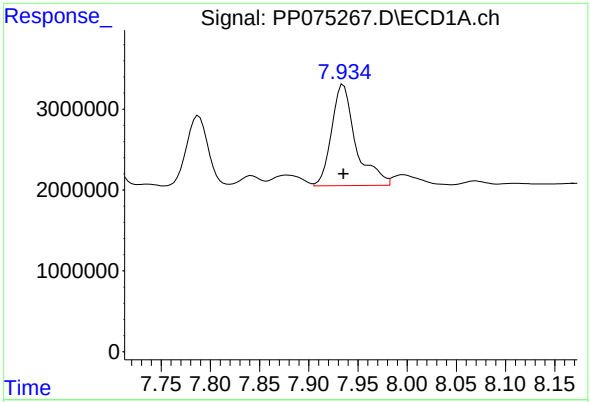
#29 AR-1254-4

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 18117404
Conc: 260.02 ng/ml



#29 AR-1254-4

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 123068946
Conc: 236.51 ng/ml



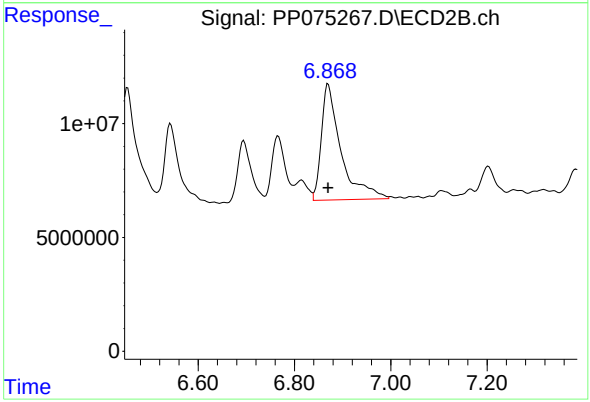
#30 AR-1254-5

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 21487152
Conc: 259.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#30 AR-1254-5

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 144577806
Conc: 240.24 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 15:20
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:51:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:51:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.799	6696765	22881590	5.113	3.918
2)	SA Decachlor...	10.433	8.807	4781103	27052038	4.845	4.421
	Target Compounds						
26)	L6 AR-1254-1	6.655	5.680	3396225	20102889	52.688m	40.302
27)	L6 AR-1254-2	6.872	5.827	4745100	21129184	55.218	52.931
28)	L6 AR-1254-3	7.234	6.228	5250883	25236892	56.814	37.966 #
29)	L6 AR-1254-4	7.516	6.453	3901845	19340151	54.687	39.178 #
30)	L6 AR-1254-5	7.932	6.871	3898066	22310596	47.649	39.094

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 15:20
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

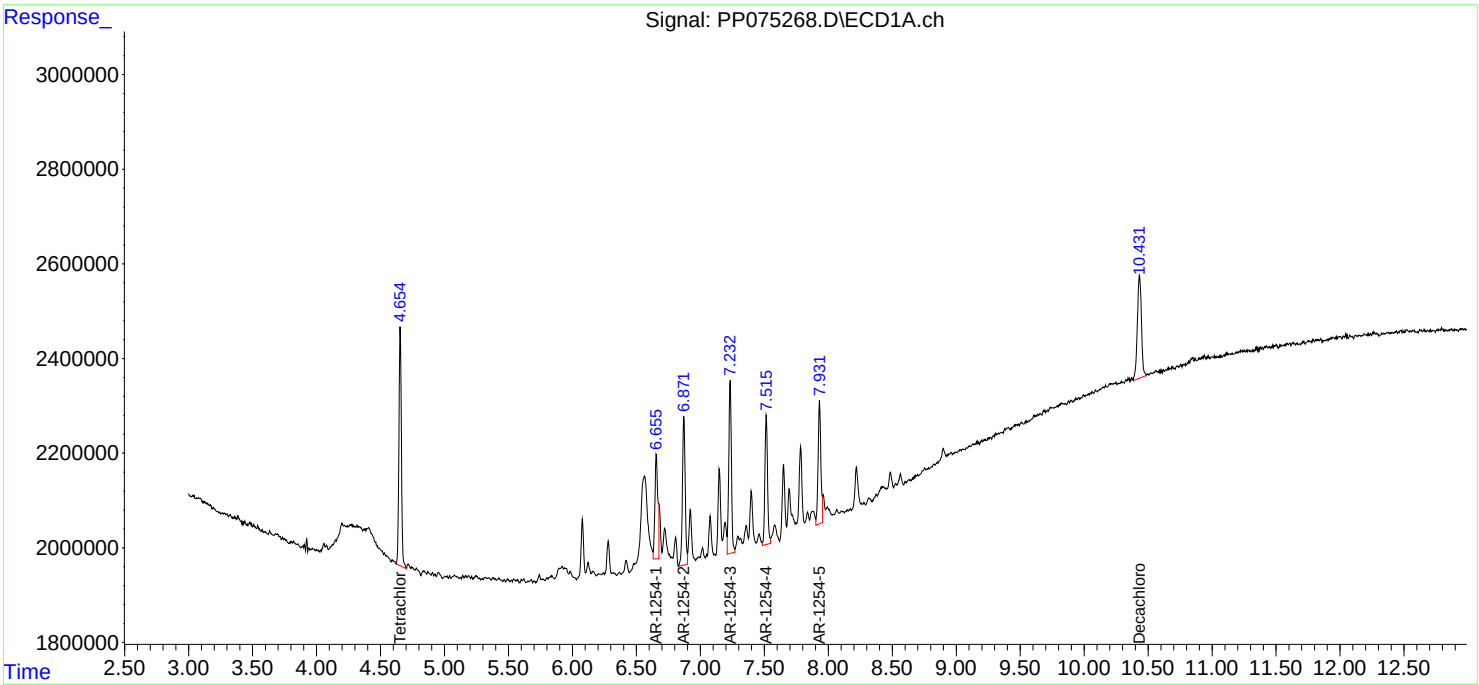
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

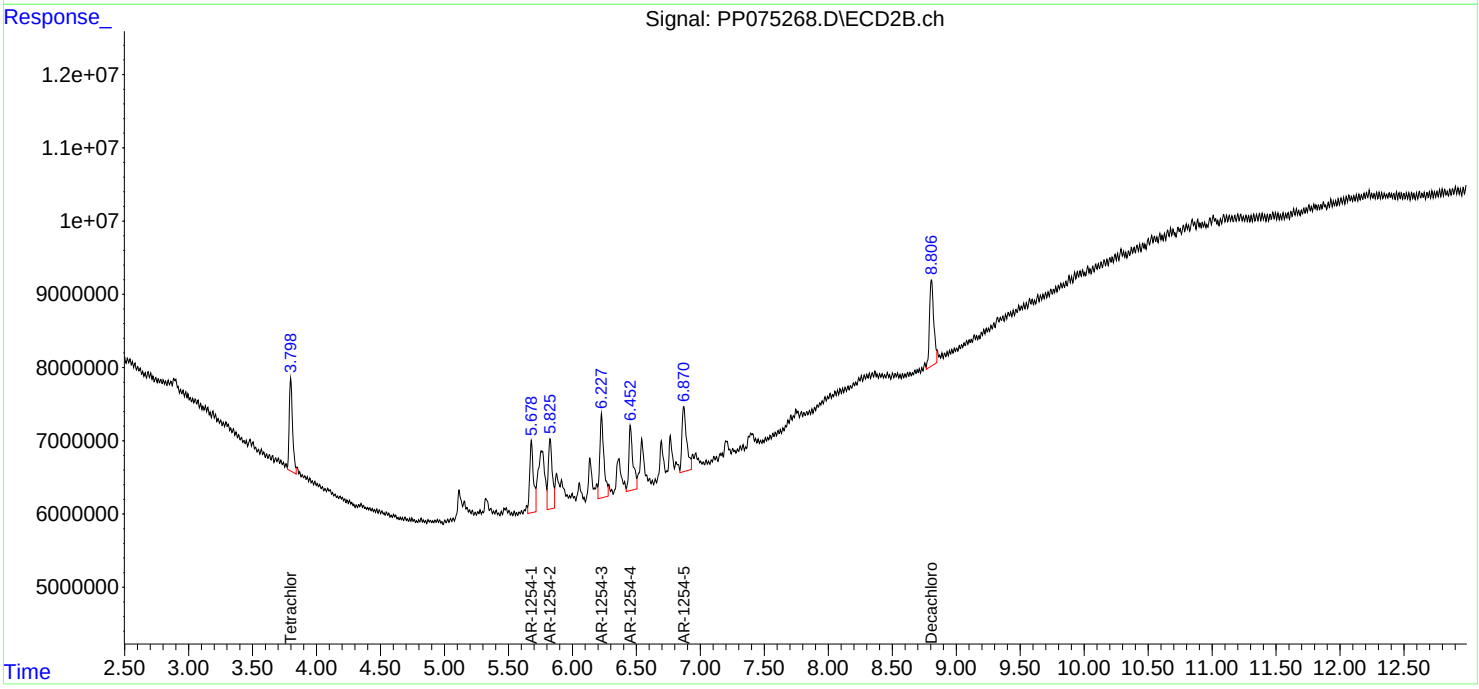
Manual Integrations APPROVED

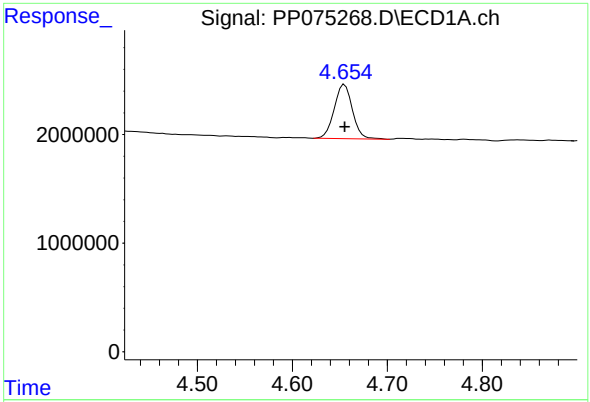
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:51:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:51:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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







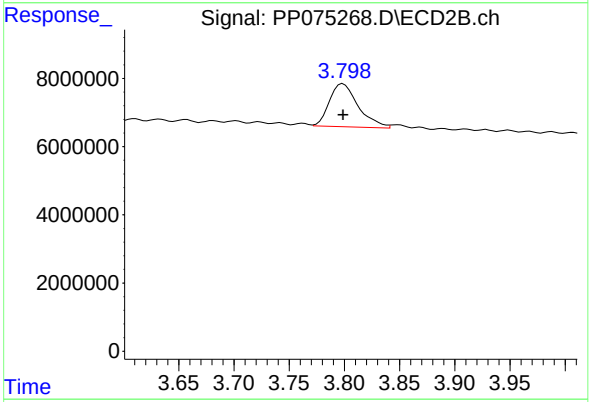
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 6696765
Conc: 5.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

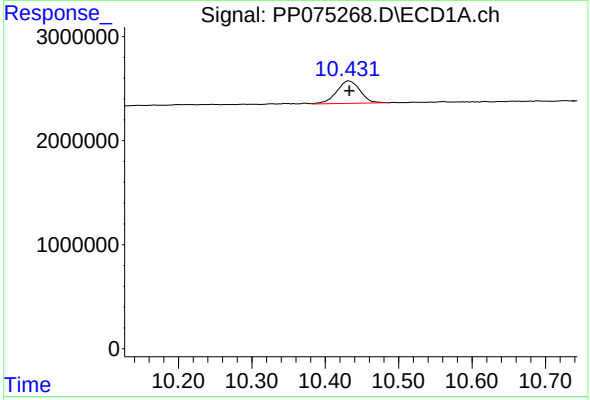
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



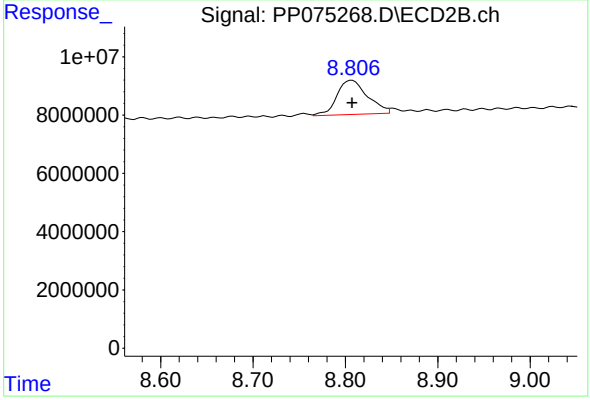
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 22881590
Conc: 3.92 ng/ml



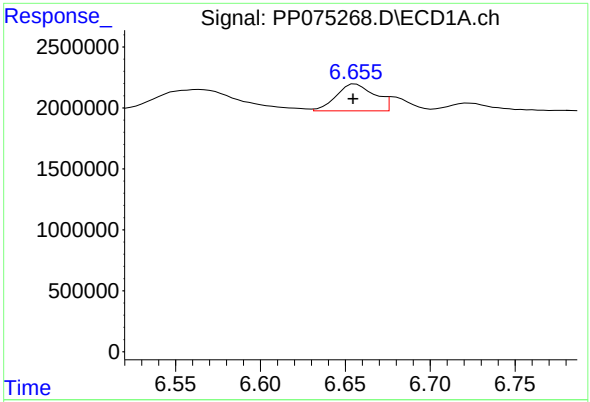
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 4781103
Conc: 4.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.807 min
Delta R.T.: 0.000 min
Response: 27052038
Conc: 4.42 ng/ml



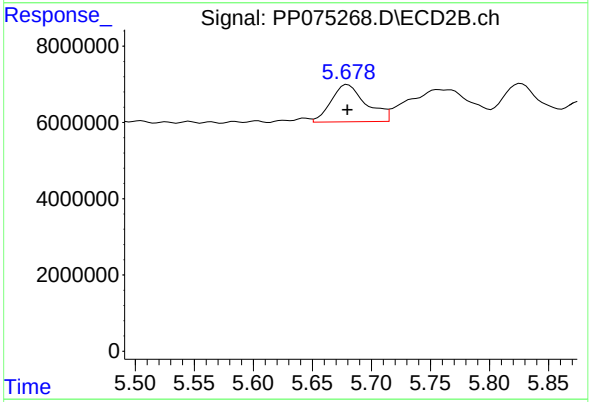
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 3396225
Conc: 52.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

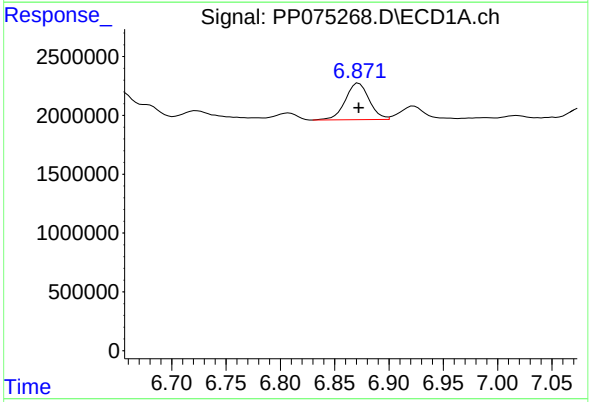
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



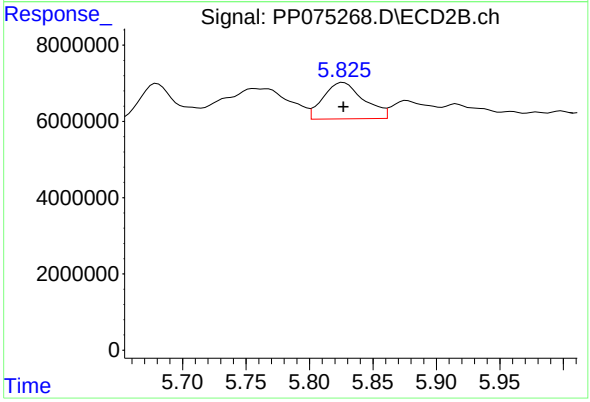
#26 AR-1254-1

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 20102889
Conc: 40.30 ng/ml



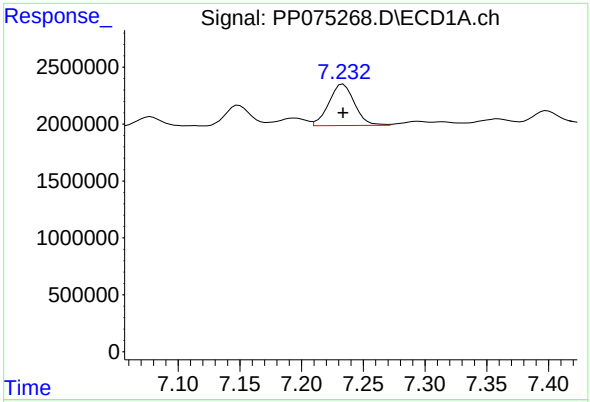
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4745100
Conc: 55.22 ng/ml



#27 AR-1254-2

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 21129184
Conc: 52.93 ng/ml



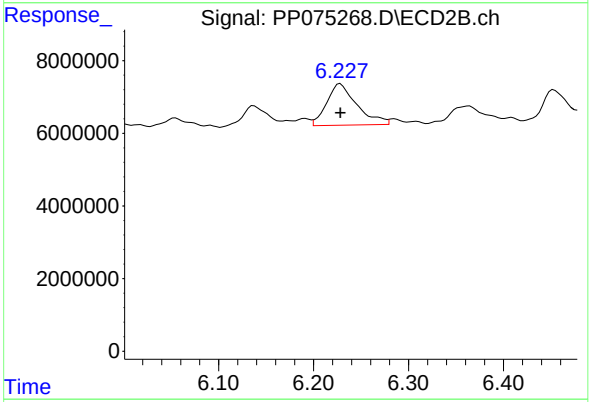
#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 5250883
Conc: 56.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

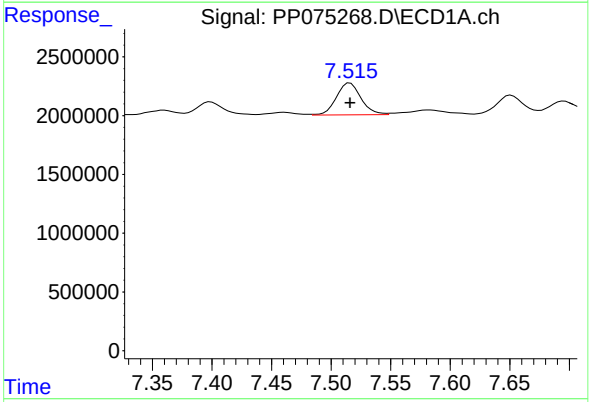
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



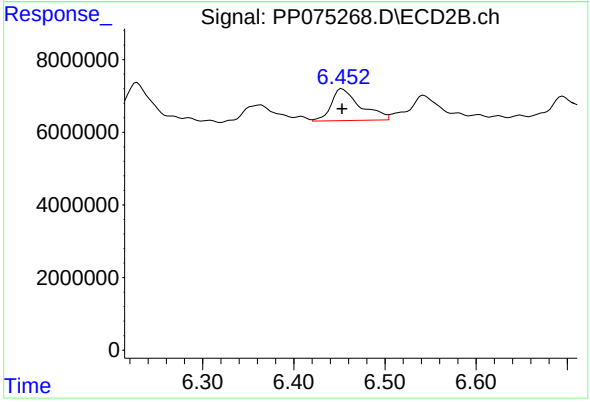
#28 AR-1254-3

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 25236892
Conc: 37.97 ng/ml



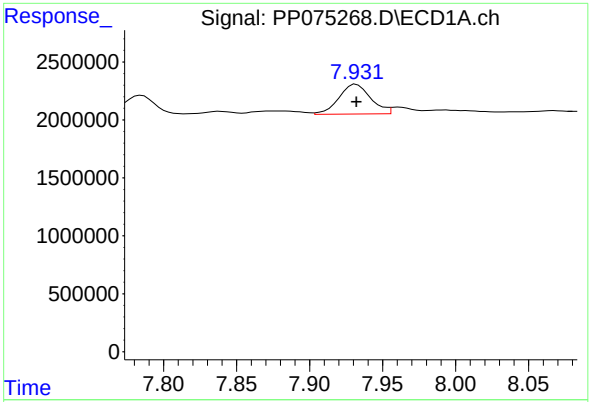
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 3901845
Conc: 54.69 ng/ml



#29 AR-1254-4

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 19340151
Conc: 39.18 ng/ml



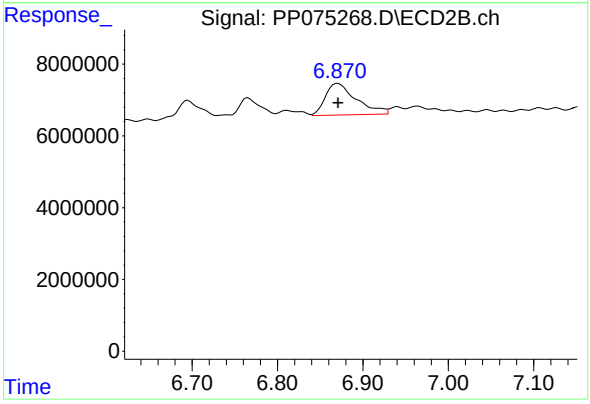
#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 3898066
Conc: 47.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#30 AR-1254-5

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 22310596
Conc: 39.09 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 15:52
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:11:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.800	64525262	296.7E6	50.000	50.000
2)	SA Decachlor...	10.443	8.807	49716283	321.5E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.243	6.909	37977598	395.6E6	500.000	500.000
37)	L8 AR-1262-2	8.569	7.168	67680488	276.2E6	500.000	500.000
38)	L8 AR-1262-3	8.895	7.690	46725485	250.0E6	500.000	500.000
39)	L8 AR-1262-4	8.984	7.753	36118617	454.0E6	500.000	500.000
40)	L8 AR-1262-5	9.656	8.247	26067736	215.0E6	500.000	500.000

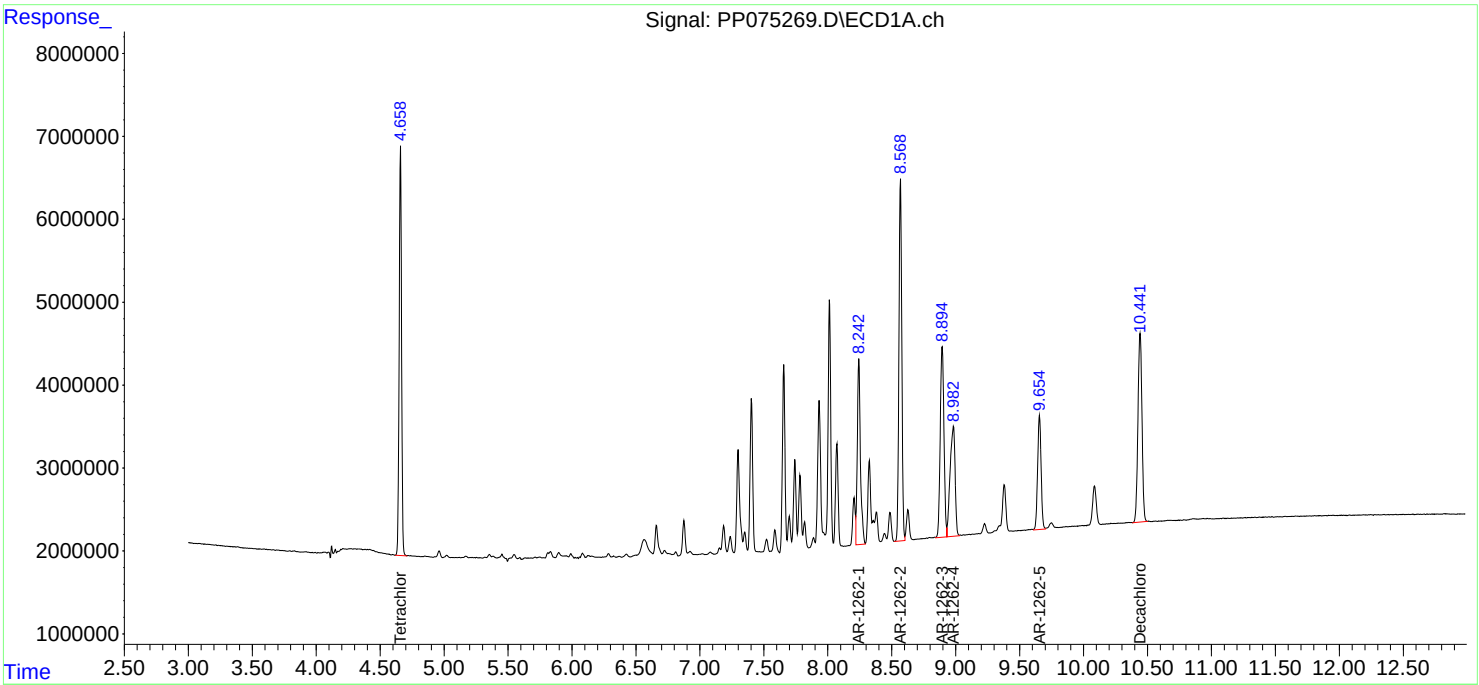
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

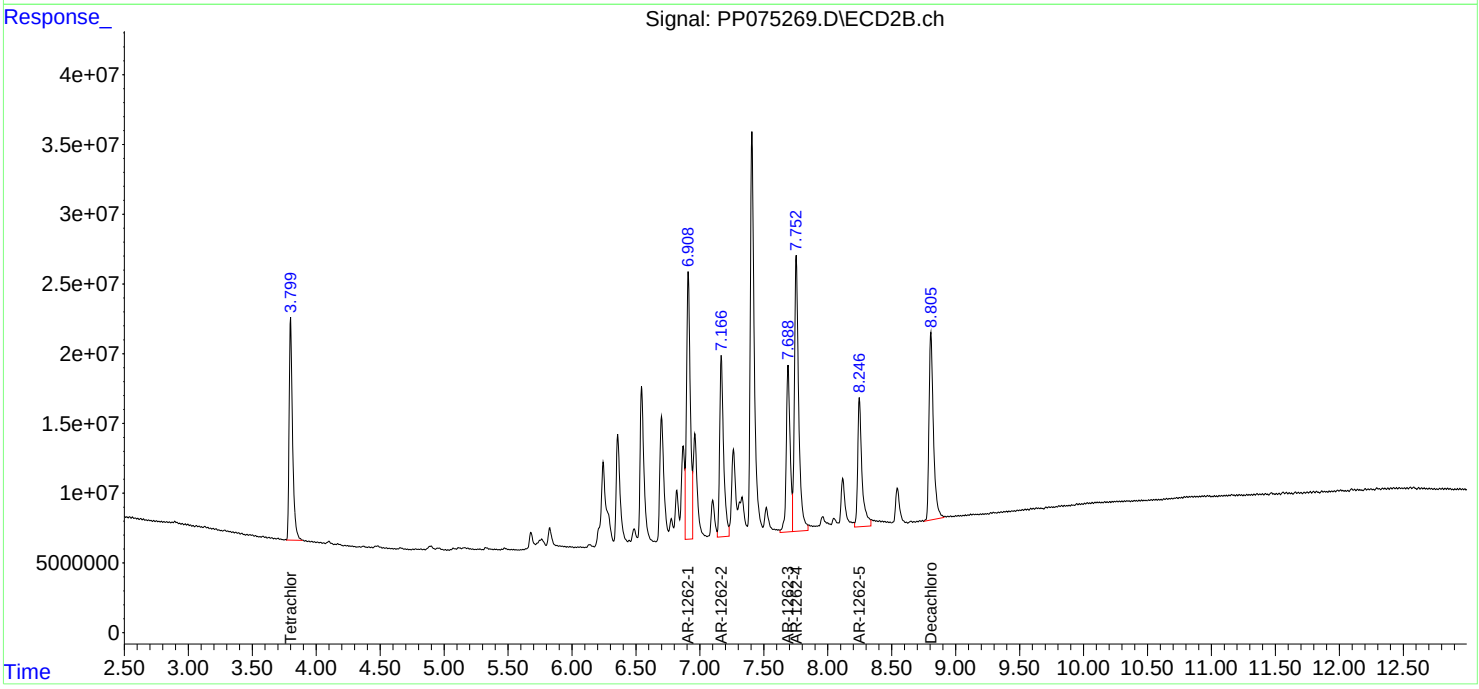
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 15:52
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

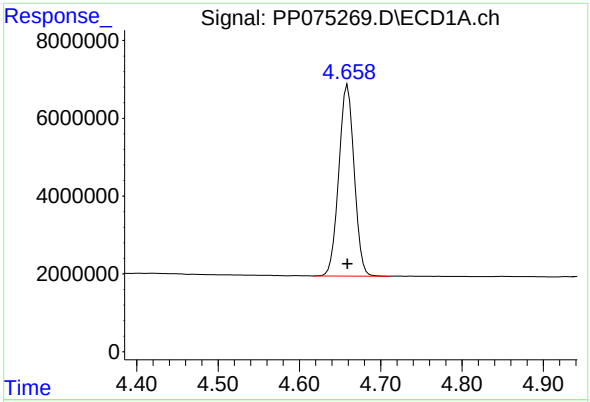
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:11:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



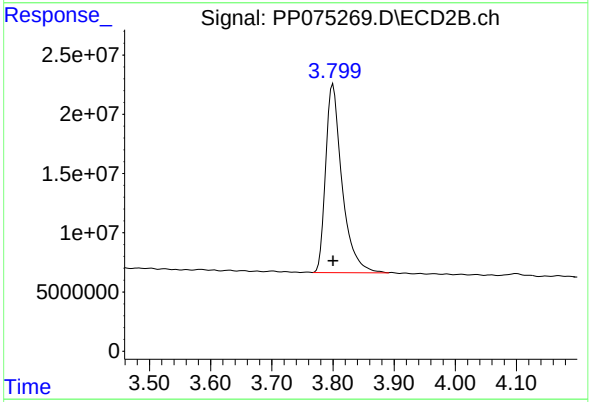




#1 Tetrachloro-m-xylene

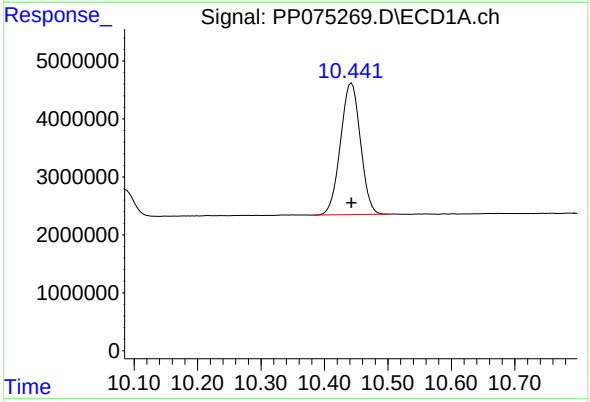
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 64525262
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



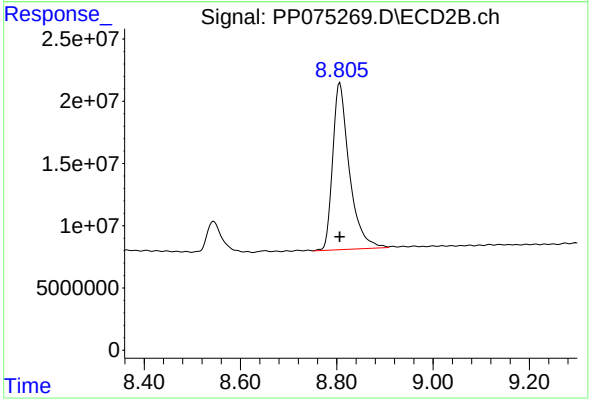
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 296718295
Conc: 50.00 ng/ml



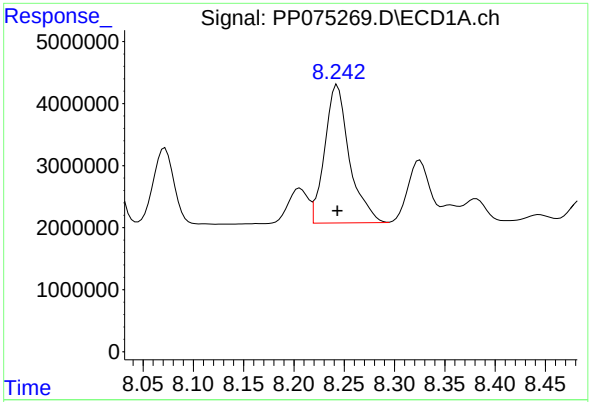
#2 Decachlorobiphenyl

R.T.: 10.443 min
Delta R.T.: 0.000 min
Response: 49716283
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

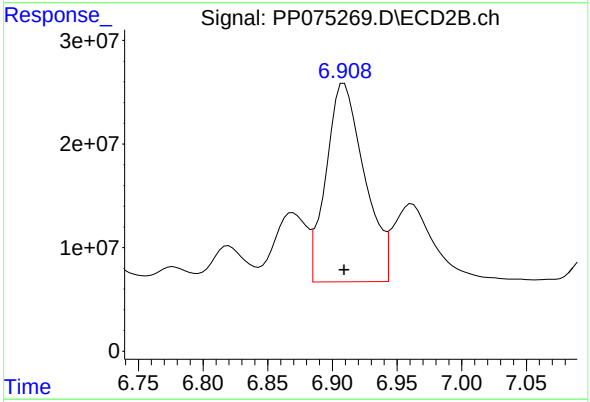
R.T.: 8.807 min
Delta R.T.: 0.000 min
Response: 321471739
Conc: 50.00 ng/ml



#36 AR-1262-1

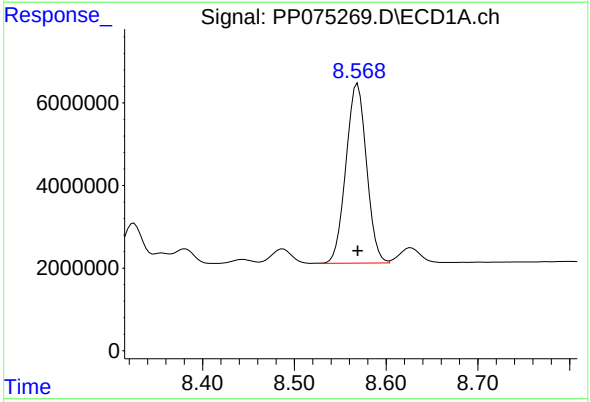
R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 37977598
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



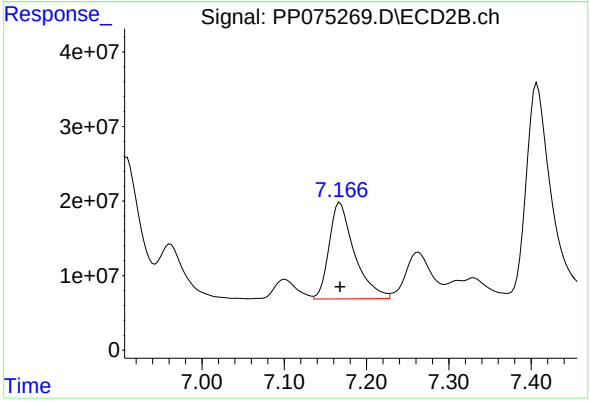
#36 AR-1262-1

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 395558471
Conc: 500.00 ng/ml



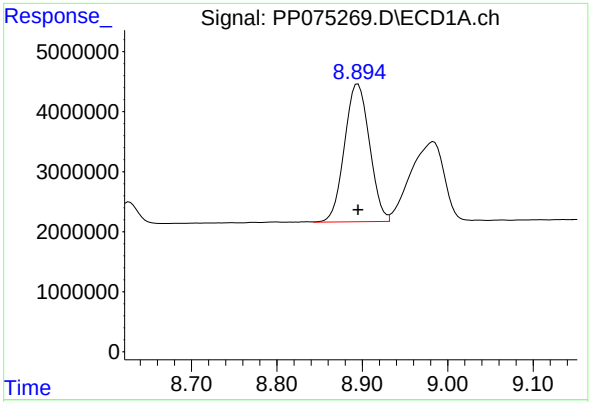
#37 AR-1262-2

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 67680488
Conc: 500.00 ng/ml



#37 AR-1262-2

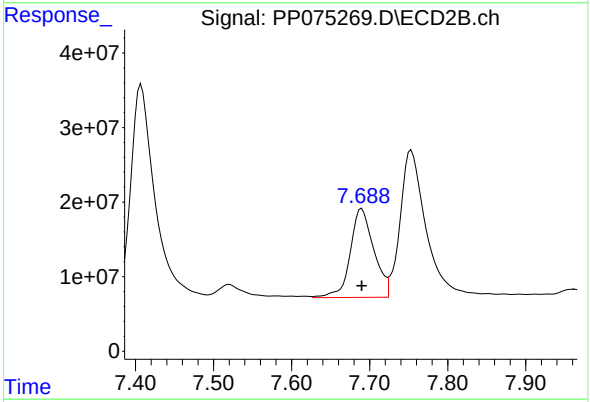
R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 276184209
Conc: 500.00 ng/ml



#38 AR-1262-3

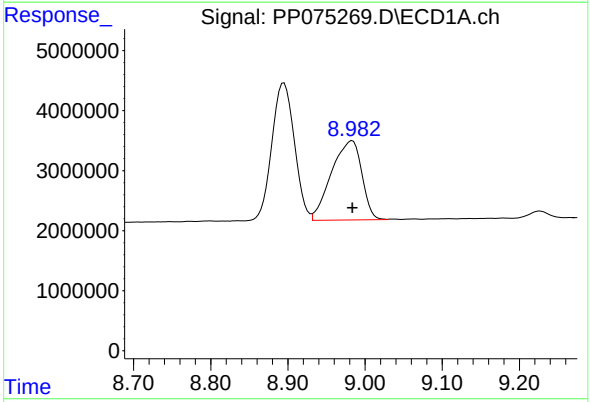
R.T.: 8.895 min
Delta R.T.: 0.000 min
Response: 46725485
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



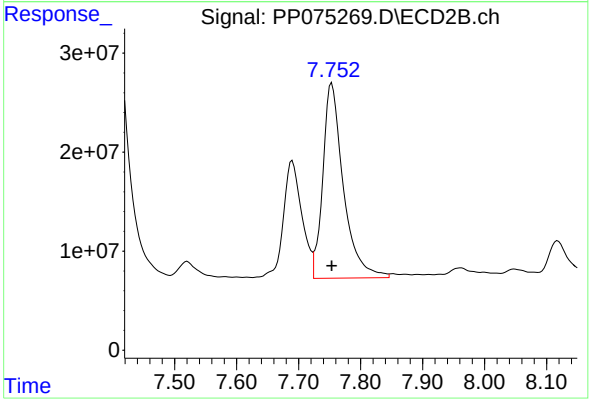
#38 AR-1262-3

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 249986782
Conc: 500.00 ng/ml



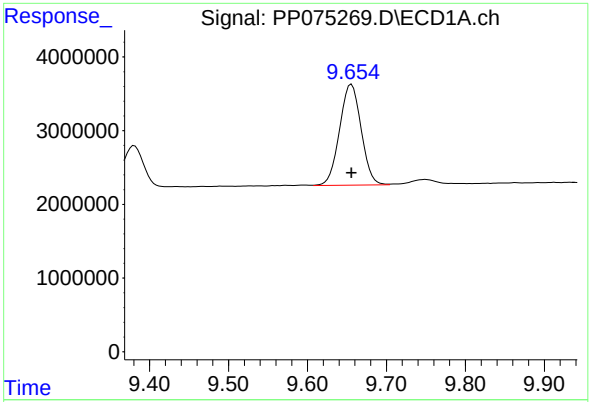
#39 AR-1262-4

R.T.: 8.984 min
Delta R.T.: 0.000 min
Response: 36118617
Conc: 500.00 ng/ml



#39 AR-1262-4

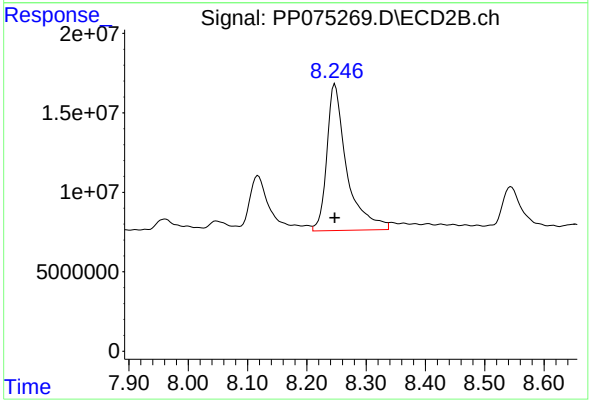
R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 454041768
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.656 min
Delta R.T.: 0.000 min
Response: 26067736
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 214953059
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:09
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:03:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:59:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.799	127.9E6	656.7E6	95.826	99.444
2)	SA Decachlor...	10.442	8.807	165.7E6	1209.5E6	94.811	99.431
	Target Compounds						
41)	L9 AR-1268-1	8.890	7.690	152.9E6	1460.2E6	949.456	967.154
42)	L9 AR-1268-2	8.986	7.754	141.1E6	1471.7E6	950.525	983.689
43)	L9 AR-1268-3	9.226	7.961	118.9E6	1142.5E6	951.307	977.313
44)	L9 AR-1268-4	9.655	8.247	55874289	470.5E6	948.208	987.003
45)	L9 AR-1268-5	10.086	8.545	373.7E6	3043.3E6	957.165	962.827

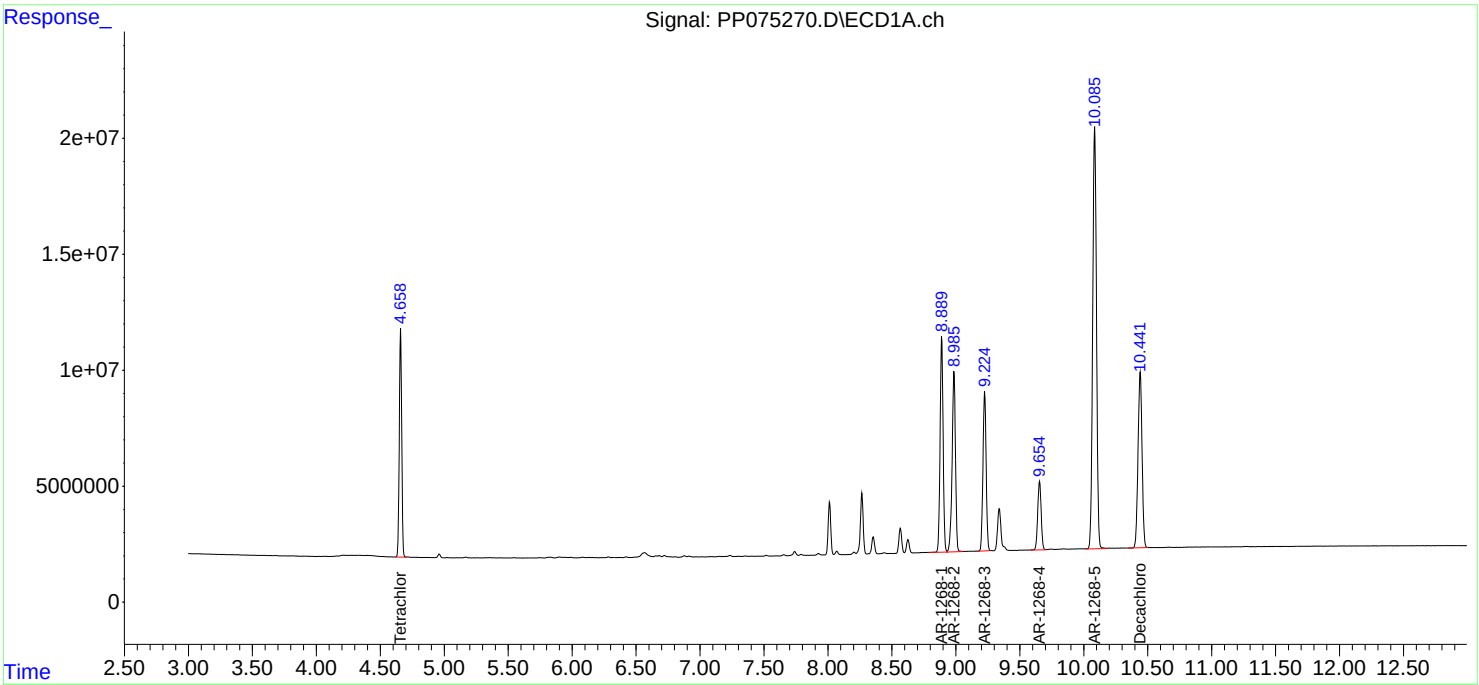
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

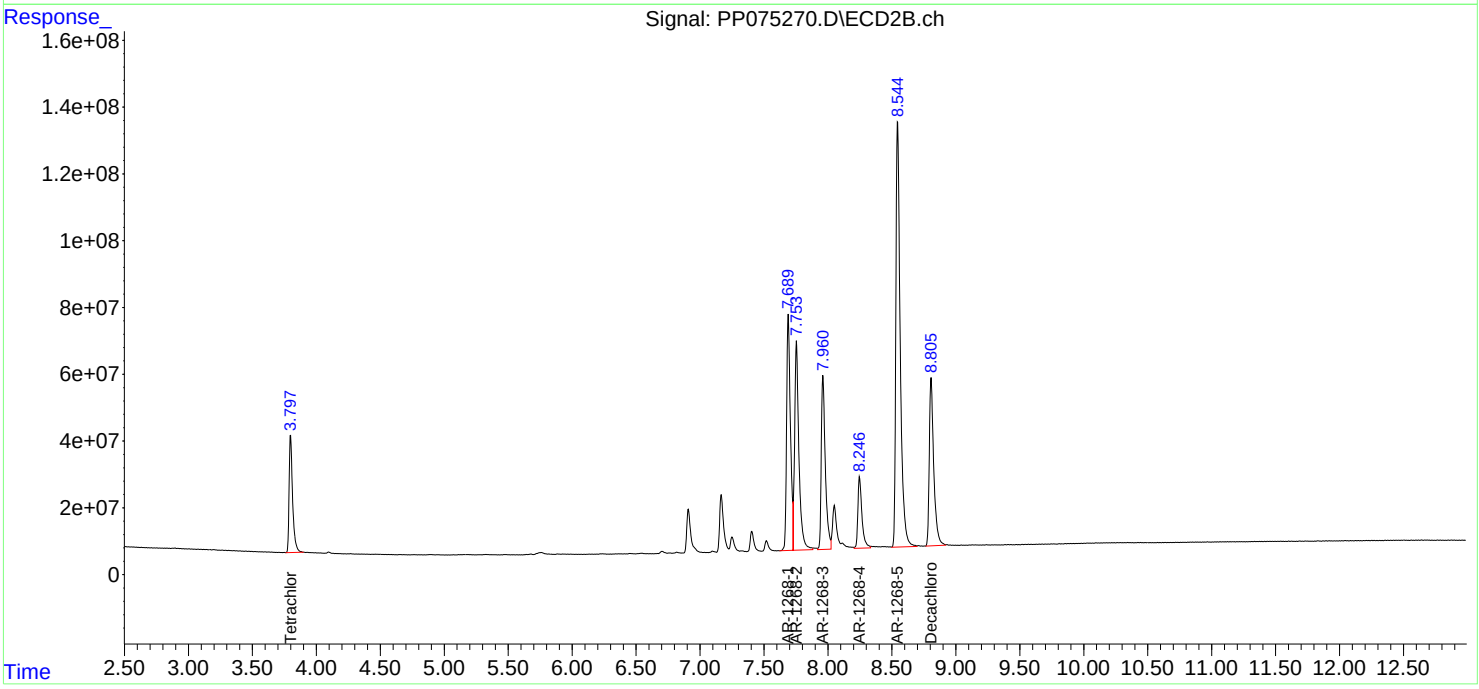
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:09
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

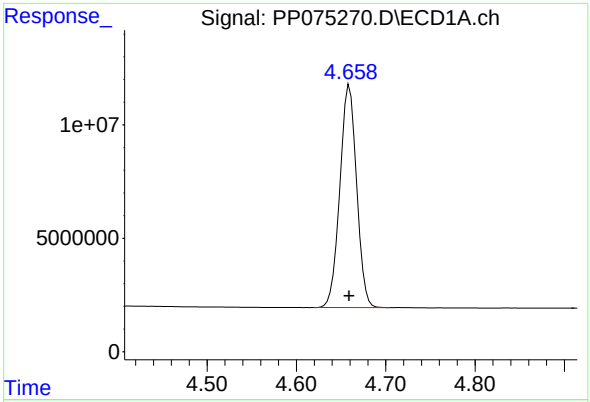
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:03:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:59:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



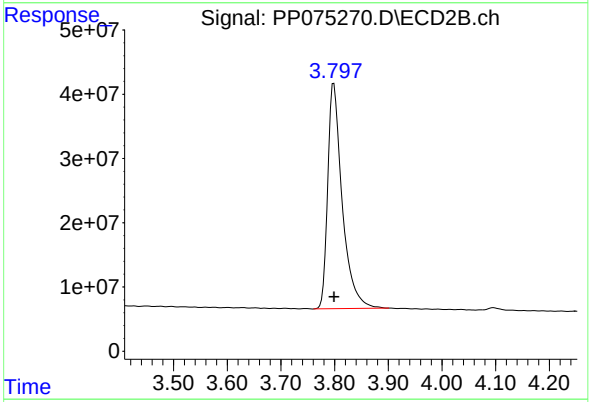




#1 Tetrachloro-m-xylene

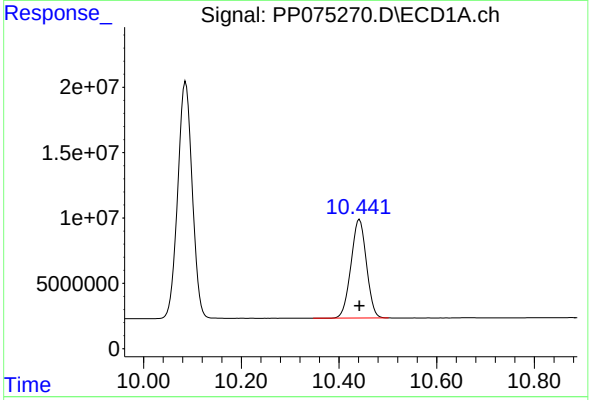
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 127913745
Conc: 95.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



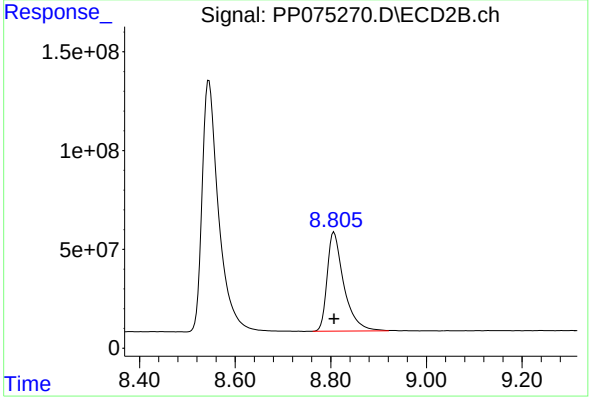
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 656732962
Conc: 99.44 ng/ml



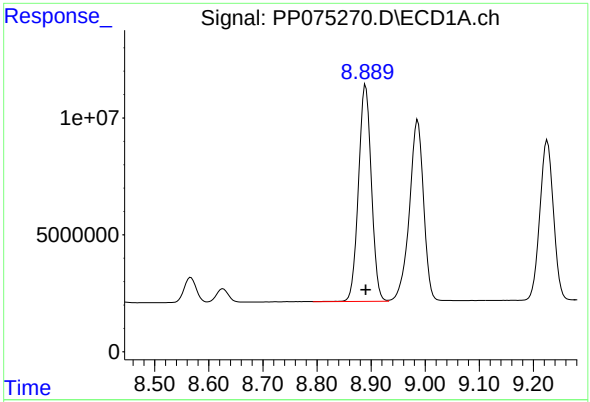
#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.000 min
Response: 165740658
Conc: 94.81 ng/ml



#2 Decachlorobiphenyl

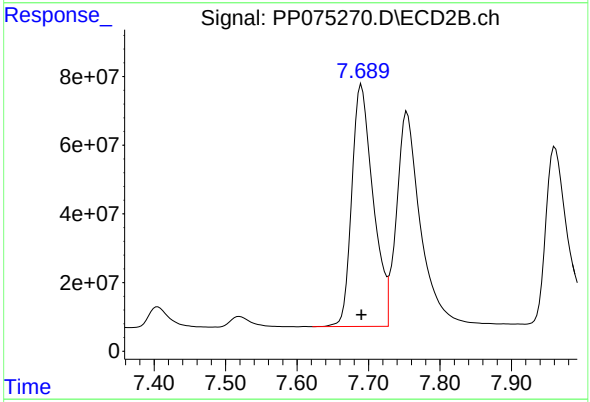
R.T.: 8.807 min
Delta R.T.: 0.000 min
Response: 1209469094
Conc: 99.43 ng/ml



#41 AR-1268-1

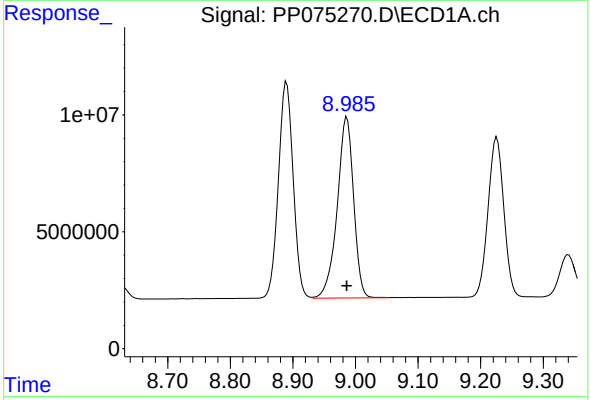
R.T.: 8.890 min
Delta R.T.: 0.000 min
Response: 152883178
Conc: 949.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



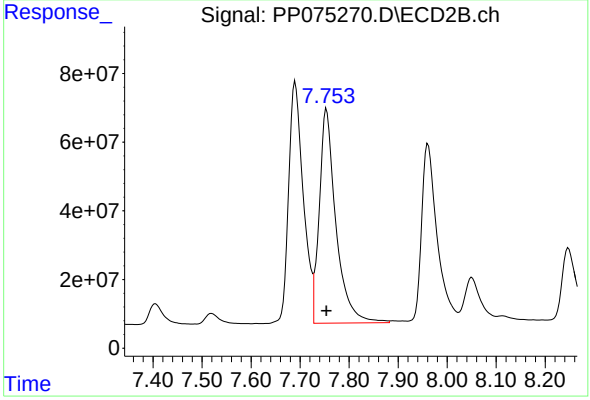
#41 AR-1268-1

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 1460168699
Conc: 967.15 ng/ml



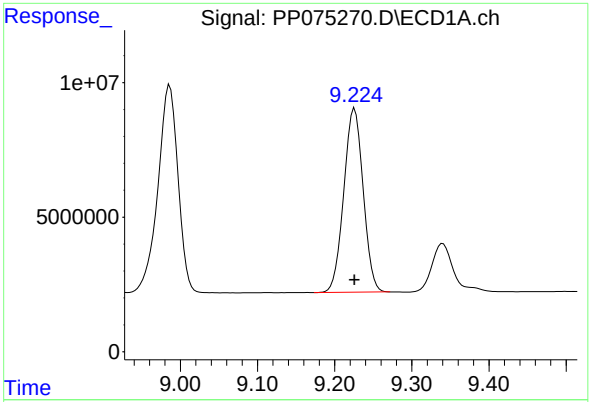
#42 AR-1268-2

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 141133811
Conc: 950.53 ng/ml



#42 AR-1268-2

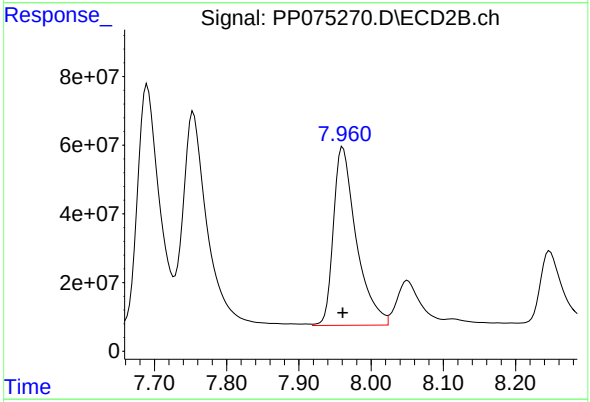
R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 1471677824
Conc: 983.69 ng/ml



#43 AR-1268-3

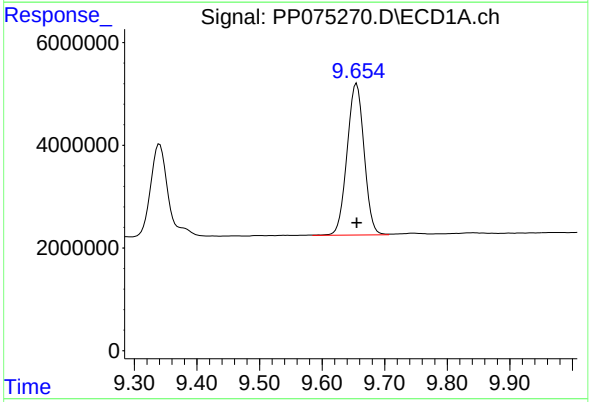
R.T.: 9.226 min
Delta R.T.: 0.000 min
Response: 118887581
Conc: 951.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



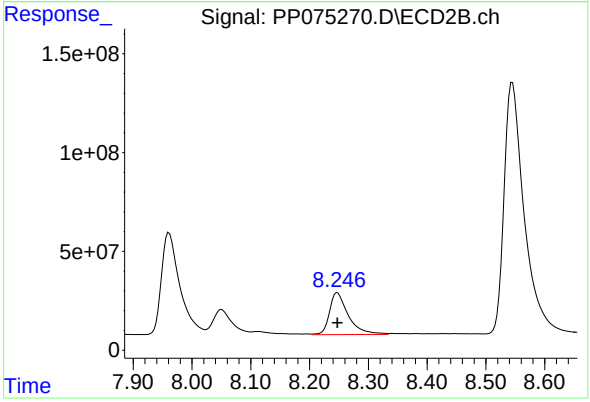
#43 AR-1268-3

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 1142468076
Conc: 977.31 ng/ml



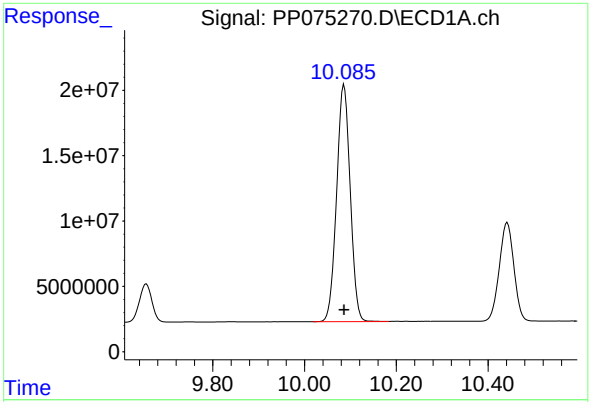
#44 AR-1268-4

R.T.: 9.655 min
Delta R.T.: 0.000 min
Response: 55874289
Conc: 948.21 ng/ml



#44 AR-1268-4

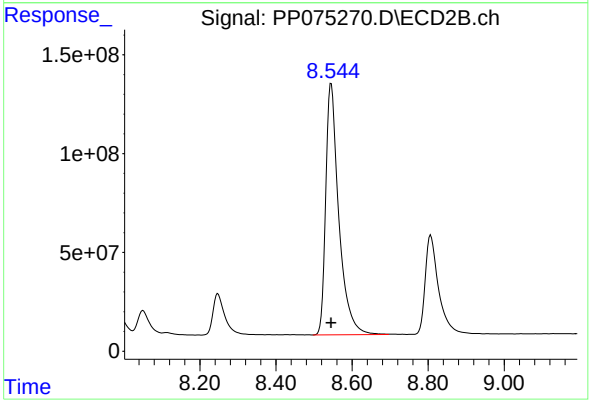
R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 470517486
Conc: 987.00 ng/ml



#45 AR-1268-5

R.T.: 10.086 min
Delta R.T.: 0.000 min
Response: 373677572
Conc: 957.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.545 min
Delta R.T.: 0.000 min
Response: 3043336629
Conc: 962.83 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:25
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:05:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:59:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.799	100.1E6	497.2E6	74.976	75.187
2)	SA Decachlor...	10.442	8.807	130.2E6	914.1E6	74.643	75.099
	Target Compounds						
41)	L9 AR-1268-1	8.892	7.690	119.8E6	1135.3E6	745.861	751.304
42)	L9 AR-1268-2	8.988	7.754	110.2E6	1125.2E6	744.931	751.391
43)	L9 AR-1268-3	9.228	7.962	92608920	865.0E6	743.998	743.275
44)	L9 AR-1268-4	9.656	8.248	43848213	354.7E6	746.070	746.016
45)	L9 AR-1268-5	10.088	8.546	291.3E6	2388.6E6	747.392	753.776

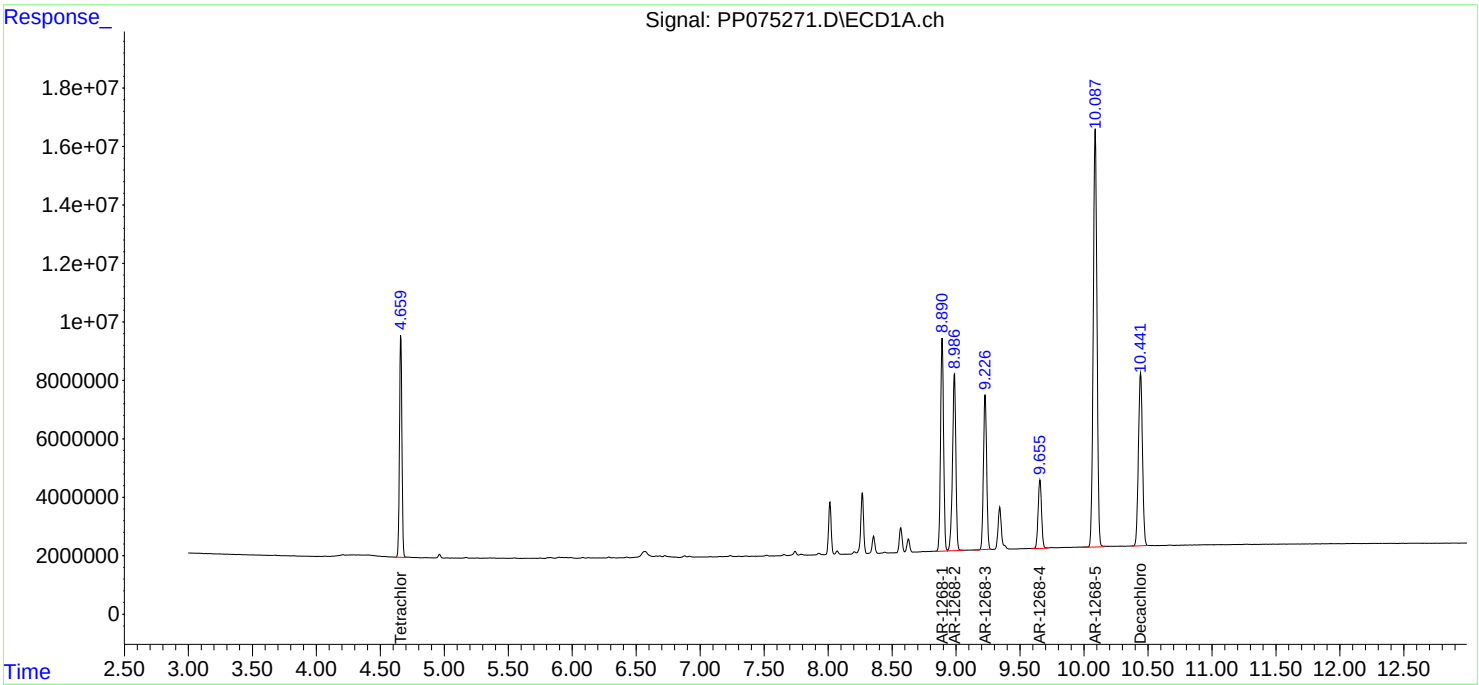
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

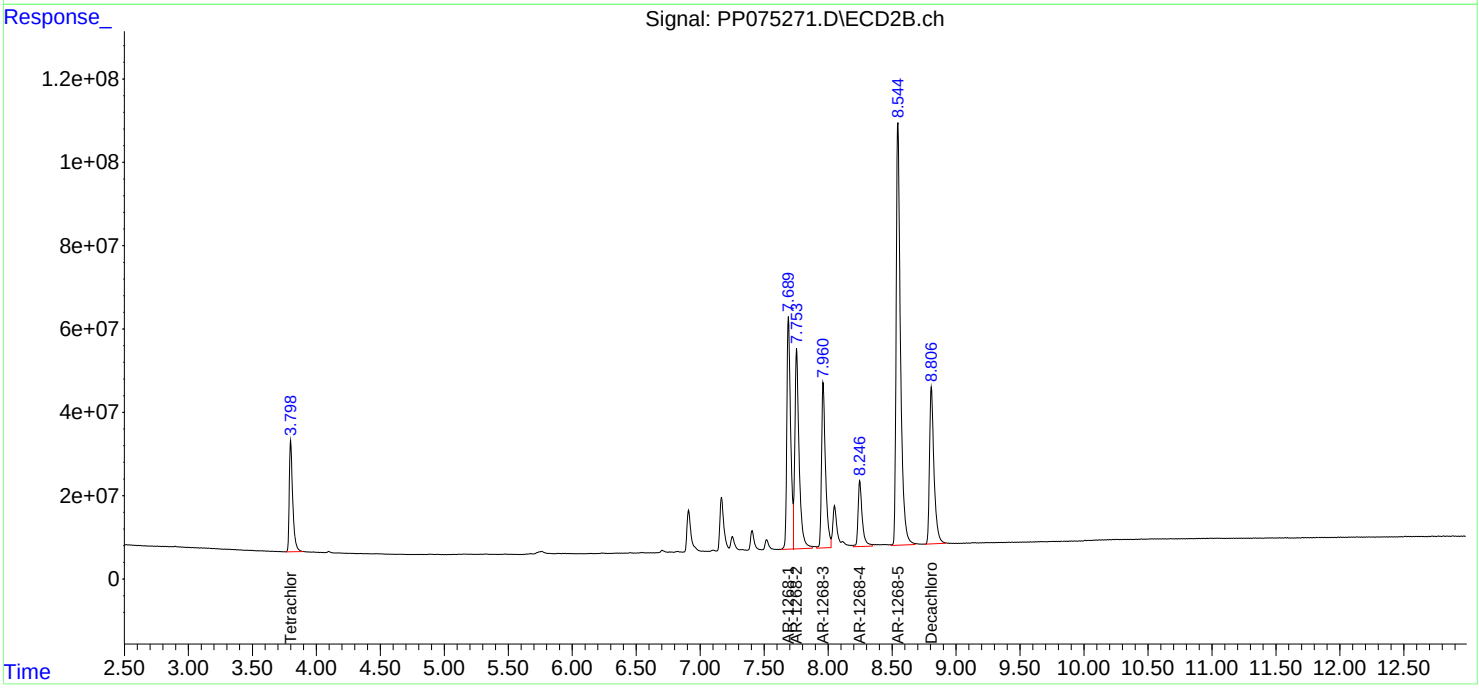
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:25
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

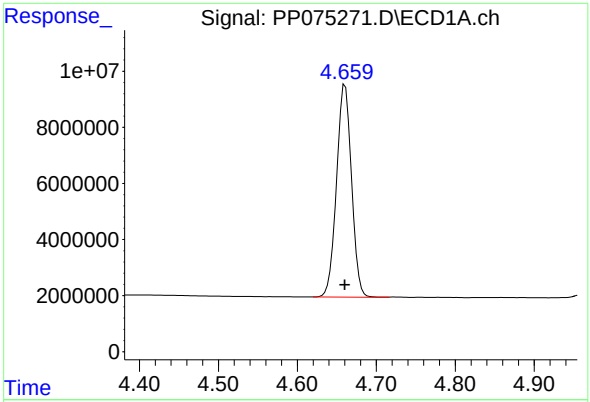
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:05:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:59:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



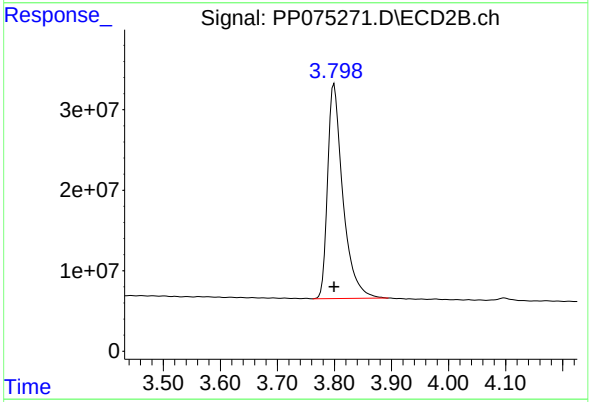




#1 Tetrachloro-m-xylene

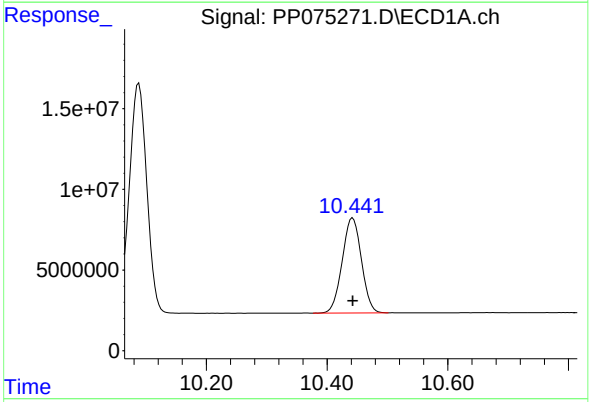
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 100066687
Conc: 74.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



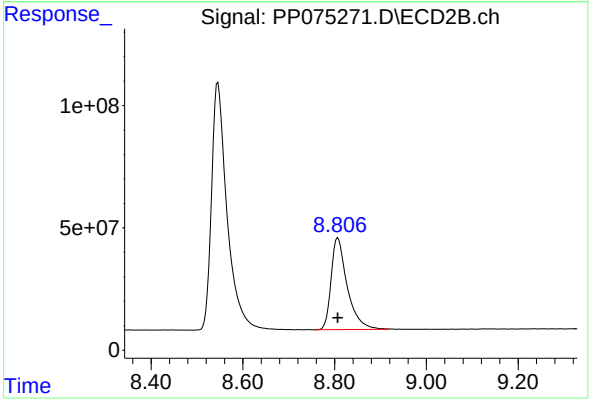
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 497158030
Conc: 75.19 ng/ml



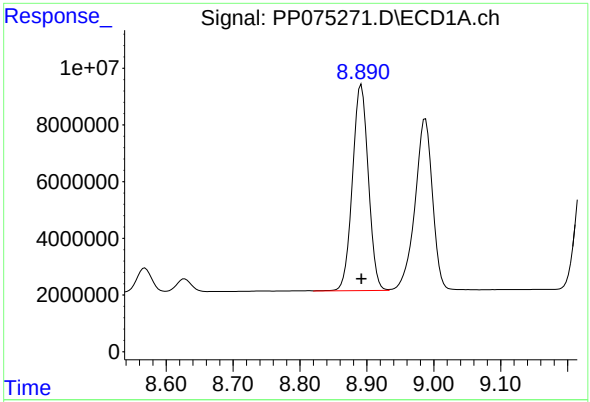
#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.000 min
Response: 130175685
Conc: 74.64 ng/ml



#2 Decachlorobiphenyl

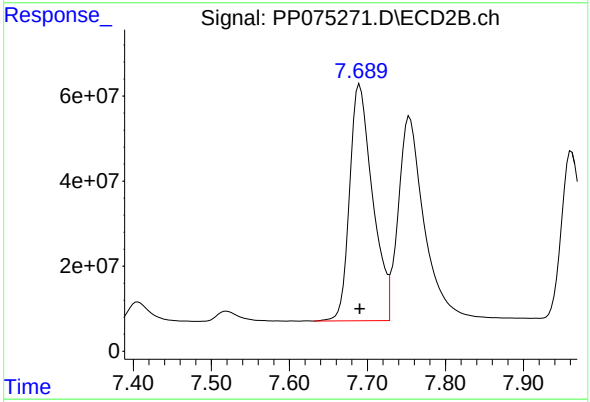
R.T.: 8.807 min
Delta R.T.: 0.000 min
Response: 914090698
Conc: 75.10 ng/ml



#41 AR-1268-1

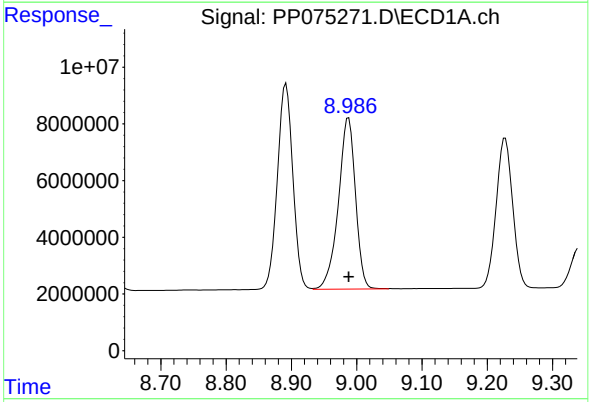
R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 119769528
Conc: 745.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



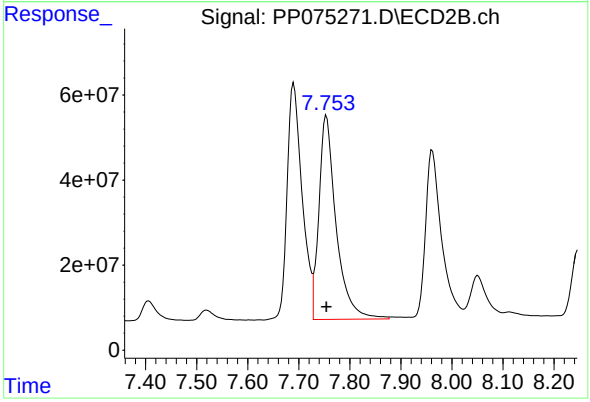
#41 AR-1268-1

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 1135274856
Conc: 751.30 ng/ml



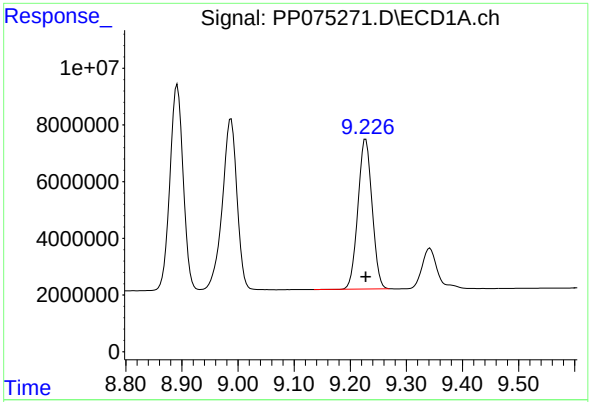
#42 AR-1268-2

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 110234639
Conc: 744.93 ng/ml



#42 AR-1268-2

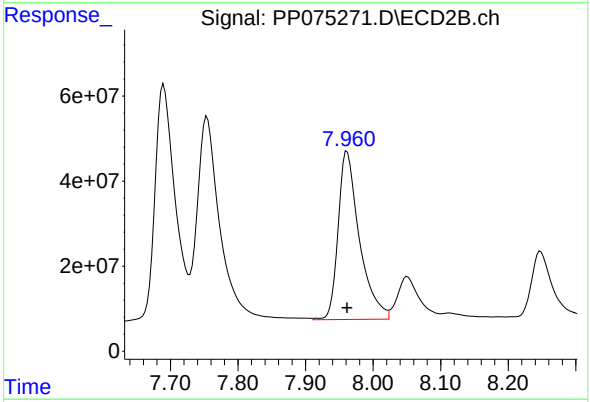
R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 1125183792
Conc: 751.39 ng/ml



#43 AR-1268-3

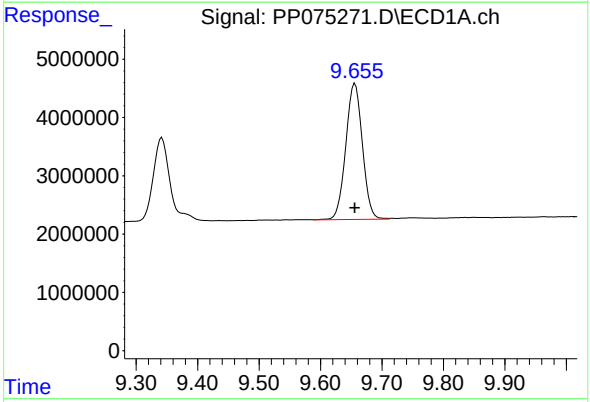
R.T.: 9.228 min
Delta R.T.: 0.000 min
Response: 92608920
Conc: 744.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



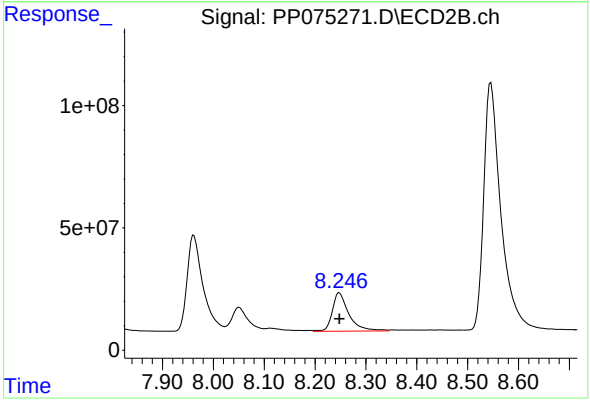
#43 AR-1268-3

R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 865001509
Conc: 743.27 ng/ml



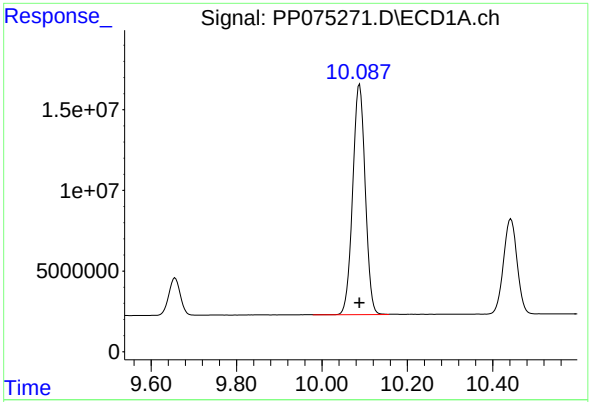
#44 AR-1268-4

R.T.: 9.656 min
Delta R.T.: 0.000 min
Response: 43848213
Conc: 746.07 ng/ml



#44 AR-1268-4

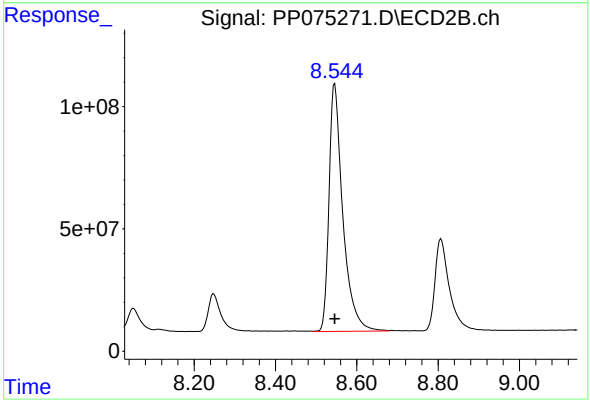
R.T.: 8.248 min
Delta R.T.: 0.000 min
Response: 354693309
Conc: 746.02 ng/ml



#45 AR-1268-5

R.T.: 10.088 min
Delta R.T.: 0.000 min
Response: 291275954
Conc: 747.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 2388574998
Conc: 753.78 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:41
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:00:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:59:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.799	69528834	332.0E6	50.000	50.000
2)	SA Decachlor...	10.443	8.806	91941579	611.7E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.891	7.689	84580336	779.7E6	500.000	500.000
42)	L9 AR-1268-2	8.987	7.753	77912875	760.2E6	500.000	500.000
43)	L9 AR-1268-3	9.228	7.960	65529058	597.8E6	500.000	500.000
44)	L9 AR-1268-4	9.655	8.246	30989057	241.5E6	500.000	500.000
45)	L9 AR-1268-5	10.087	8.545	203.6E6	1639.2E6	500.000	500.000

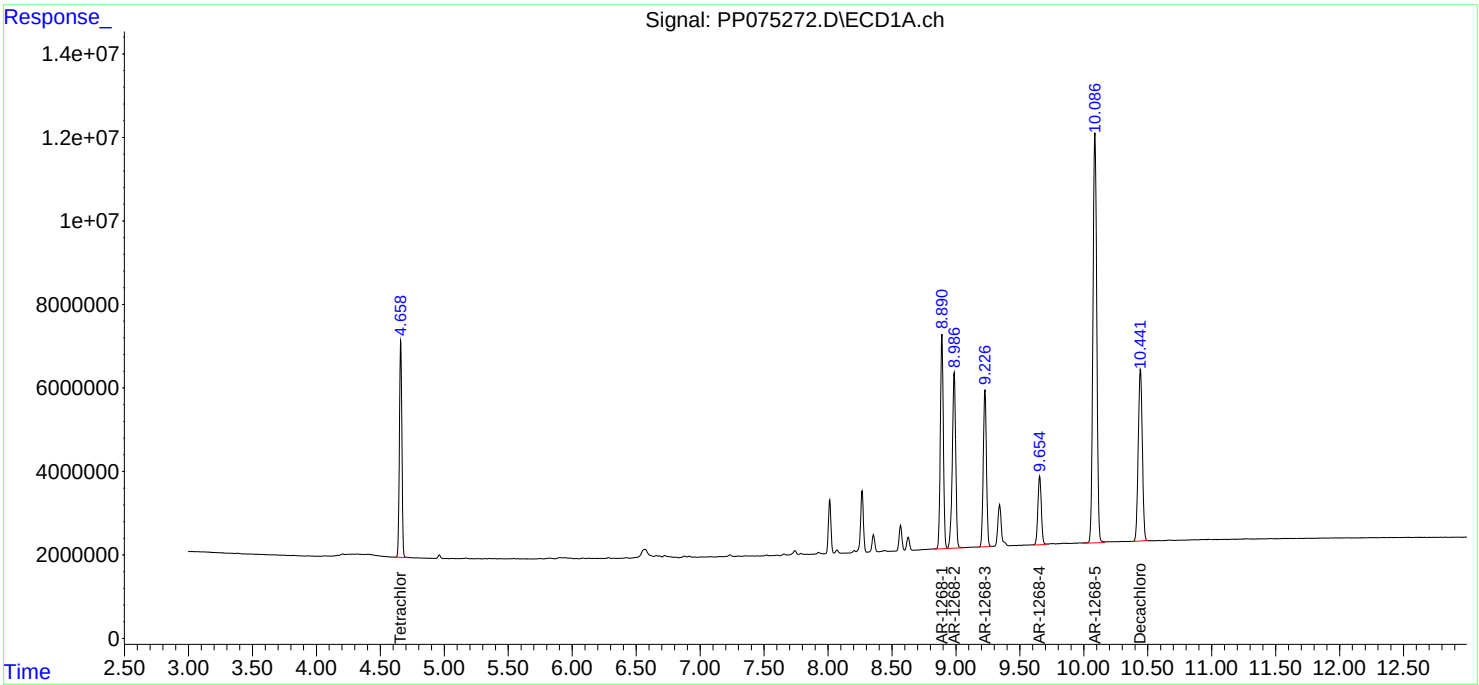
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

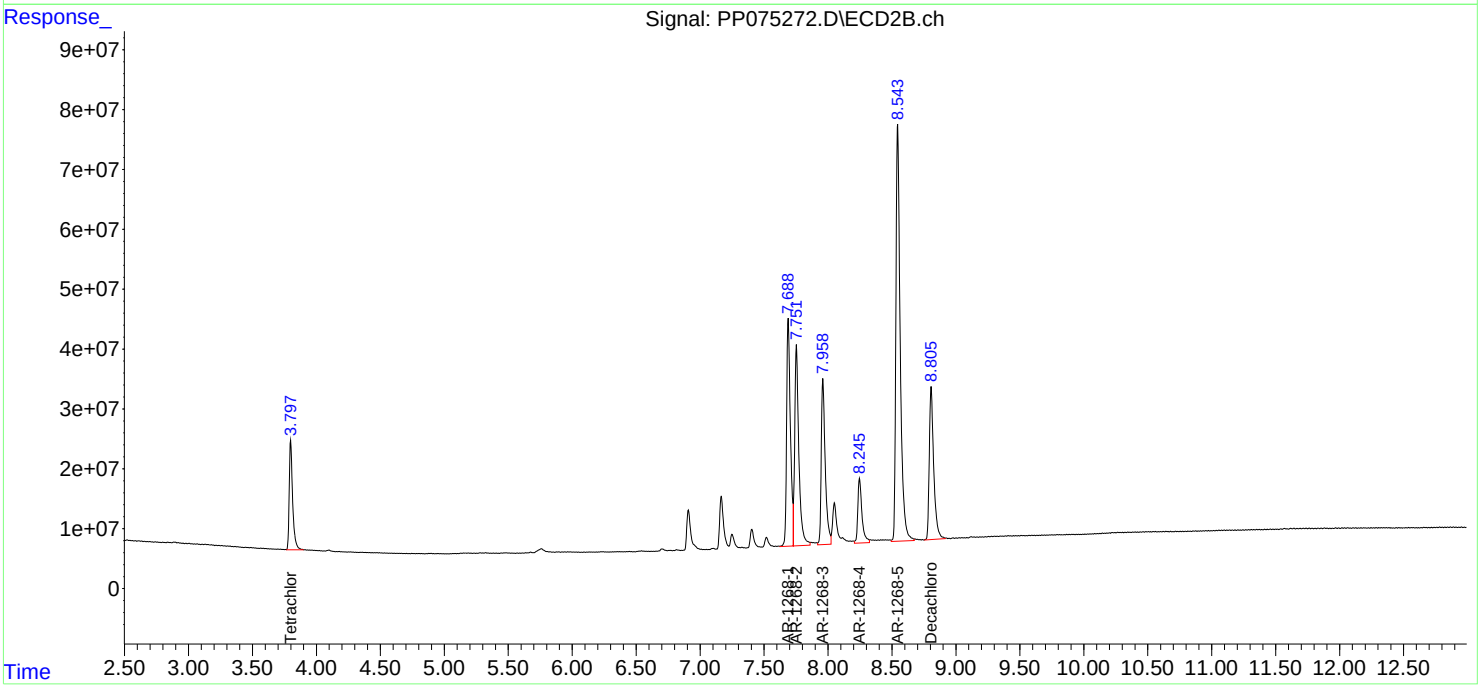
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:41
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

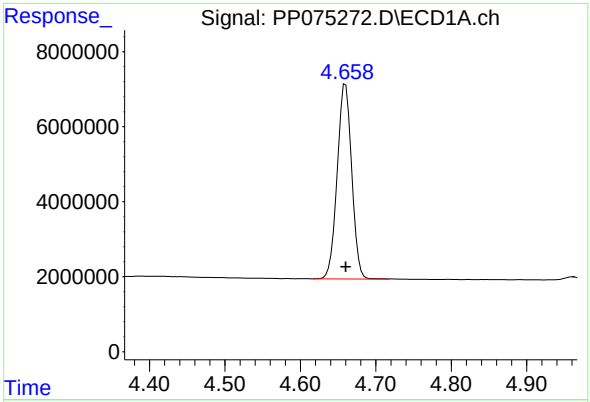
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:00:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:59:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



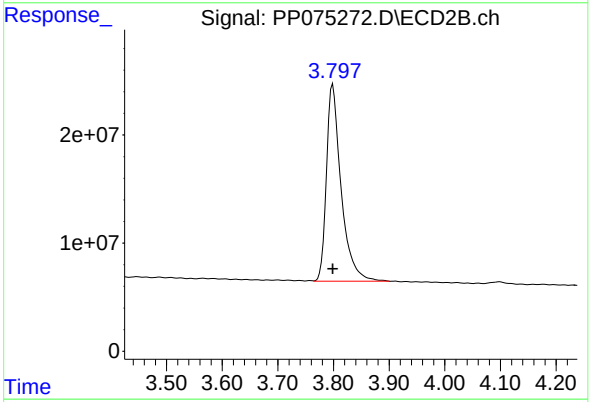




#1 Tetrachloro-m-xylene

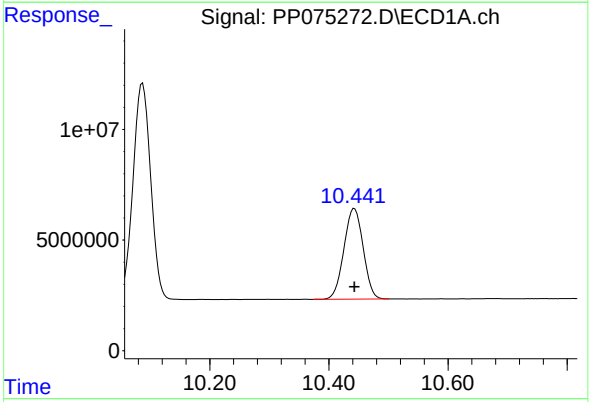
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 69528834
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



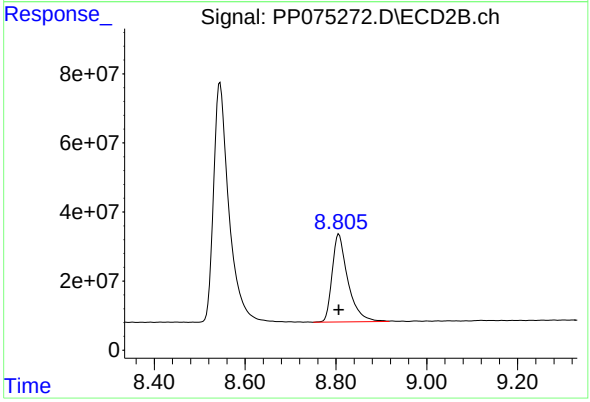
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 332036100
Conc: 50.00 ng/ml



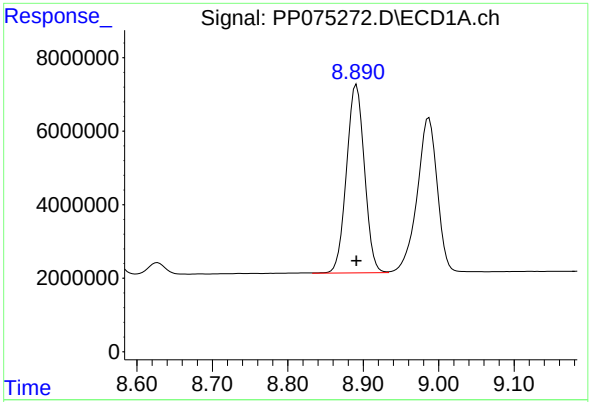
#2 Decachlorobiphenyl

R.T.: 10.443 min
Delta R.T.: 0.000 min
Response: 91941579
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

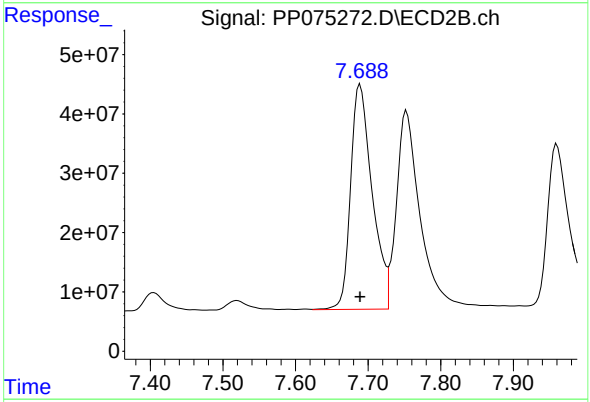
R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 611654619
Conc: 50.00 ng/ml



#41 AR-1268-1

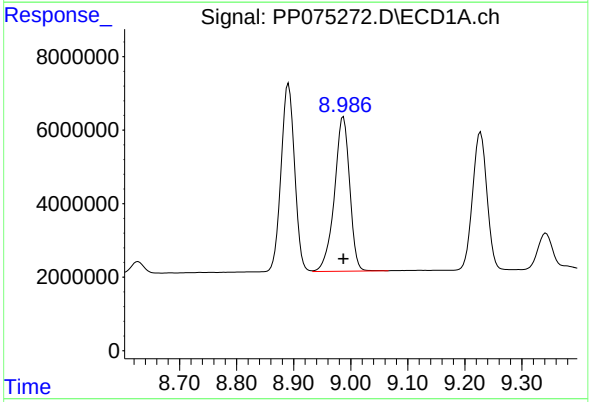
R.T.: 8.891 min
Delta R.T.: 0.000 min
Response: 84580336
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



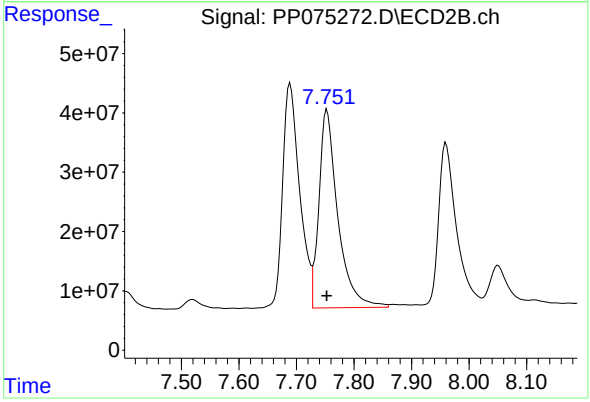
#41 AR-1268-1

R.T.: 7.689 min
Delta R.T.: 0.000 min
Response: 779674117
Conc: 500.00 ng/ml



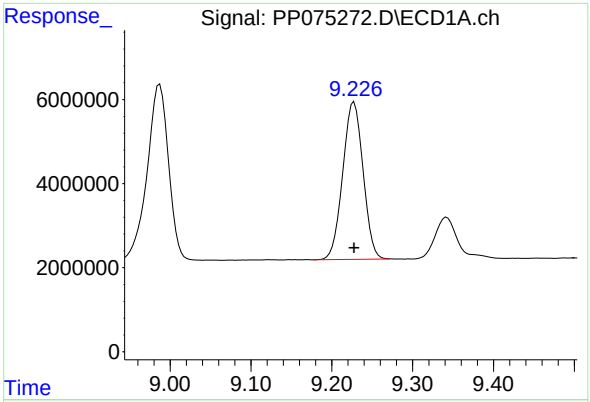
#42 AR-1268-2

R.T.: 8.987 min
Delta R.T.: 0.000 min
Response: 77912875
Conc: 500.00 ng/ml



#42 AR-1268-2

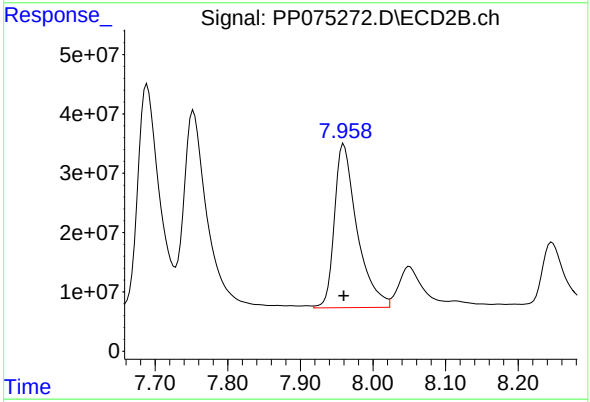
R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 760240815
Conc: 500.00 ng/ml



#43 AR-1268-3

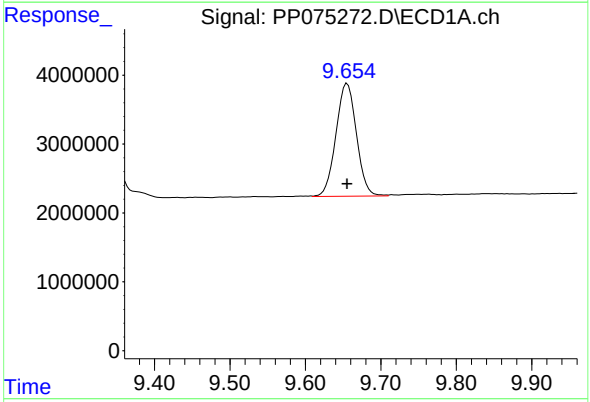
R.T.: 9.228 min
Delta R.T.: 0.000 min
Response: 65529058
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



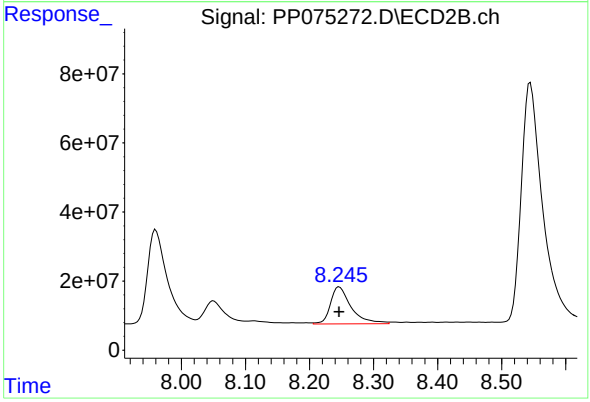
#43 AR-1268-3

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 597755130
Conc: 500.00 ng/ml



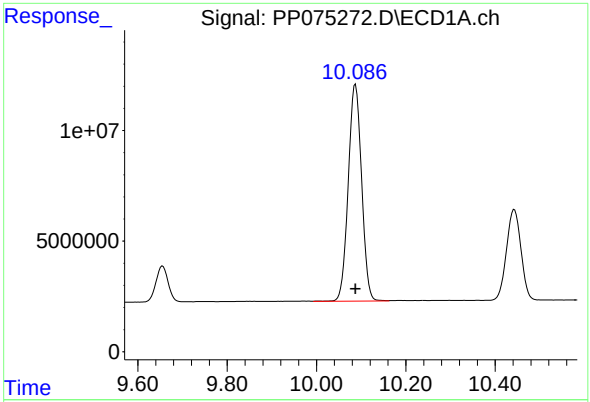
#44 AR-1268-4

R.T.: 9.655 min
Delta R.T.: 0.000 min
Response: 30989057
Conc: 500.00 ng/ml



#44 AR-1268-4

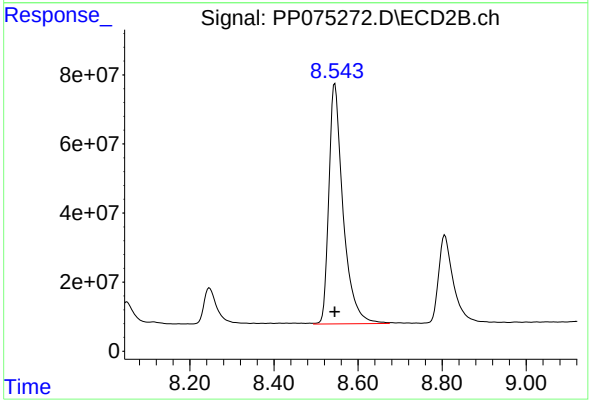
R.T.: 8.246 min
Delta R.T.: 0.000 min
Response: 241454470
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 10.087 min
Delta R.T.: 0.000 min
Response: 203561599
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.545 min
Delta R.T.: 0.000 min
Response: 1639165491
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:58
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:12:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:12:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.658	3.796	34379611	151.4E6	25.565	23.393
2)	SA Decachlor...	10.439	8.804	46278136	303.1E6	26.135	24.927
	Target Compounds						
41)	L9 AR-1268-1	8.889	7.687	42980575	365.2E6	263.015	243.698
42)	L9 AR-1268-2	8.984	7.751	39128437	345.6E6	260.660	235.330
43)	L9 AR-1268-3	9.225	7.958	32512368	273.5E6	258.304	238.576
44)	L9 AR-1268-4	9.653	8.245	15247313	115.2E6	257.007	244.227
45)	L9 AR-1268-5	10.085	8.542	101.3E6	821.3E6	257.365	256.819

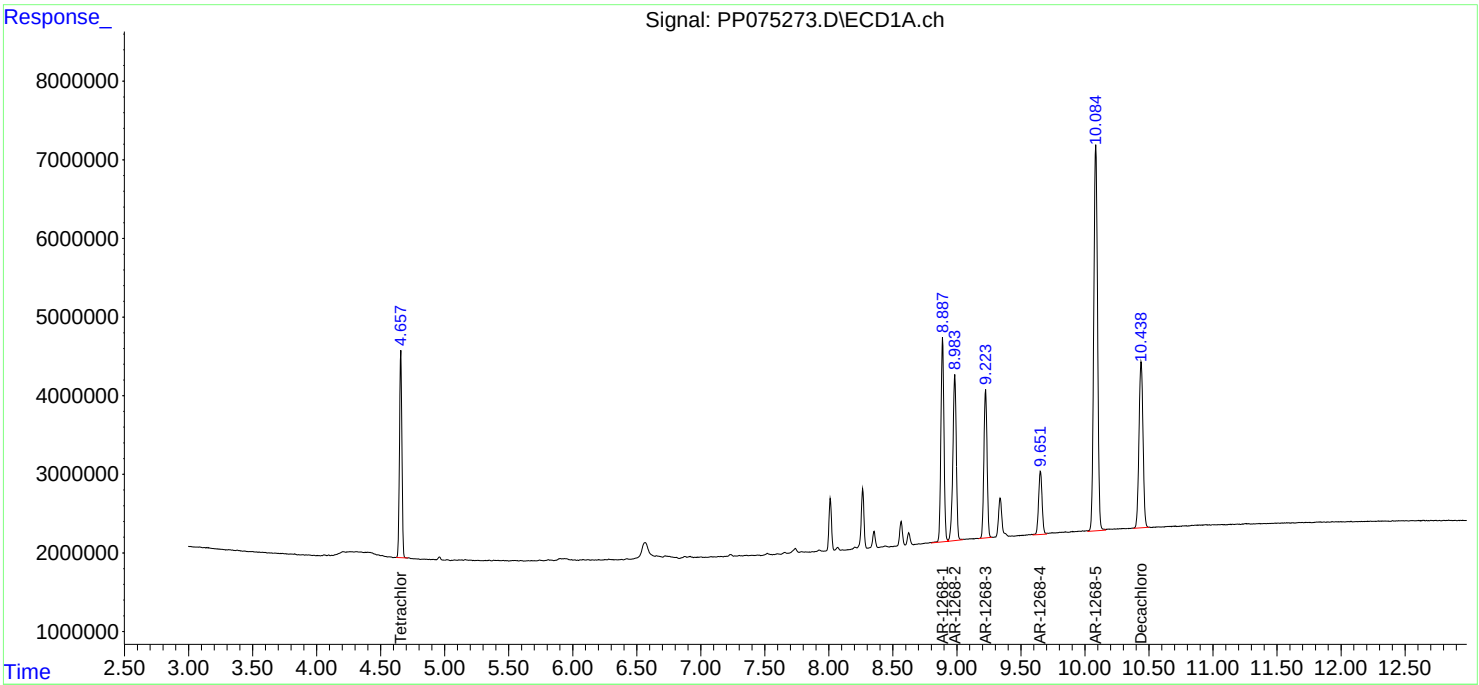
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

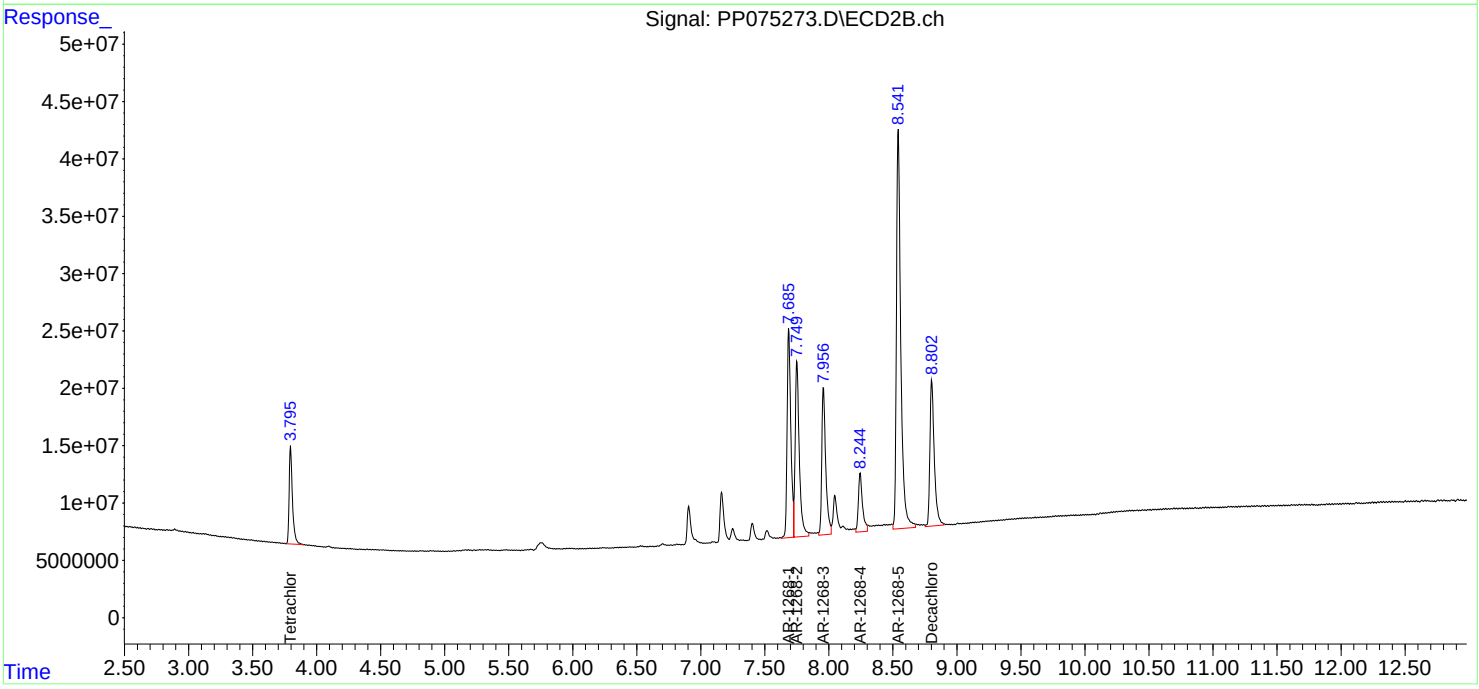
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:58
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

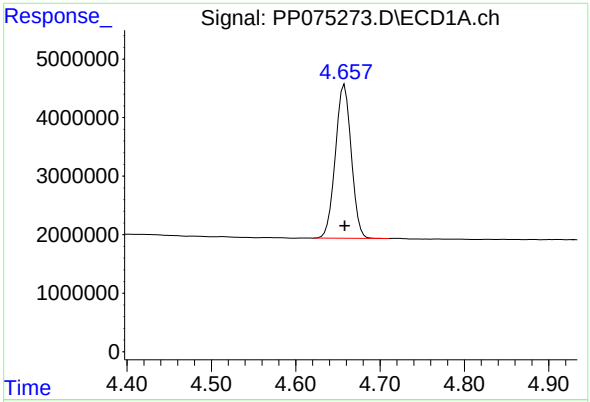
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:12:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:12:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



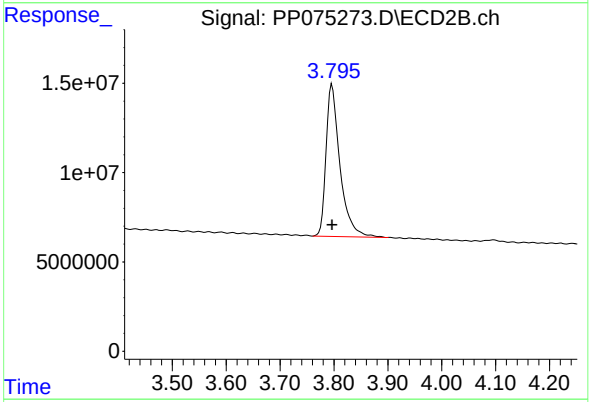




#1 Tetrachloro-m-xylene

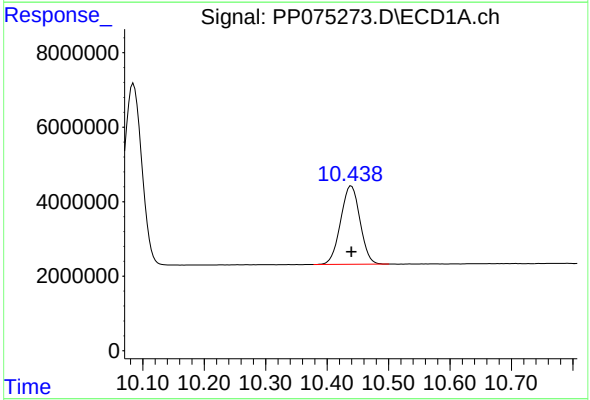
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 34379611
Conc: 25.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



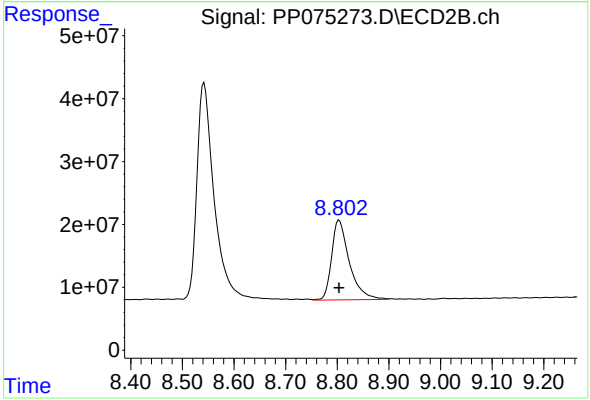
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 151432939
Conc: 23.39 ng/ml



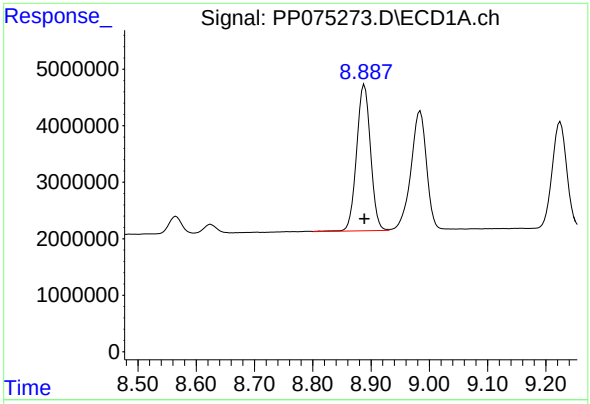
#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.000 min
Response: 46278136
Conc: 26.13 ng/ml



#2 Decachlorobiphenyl

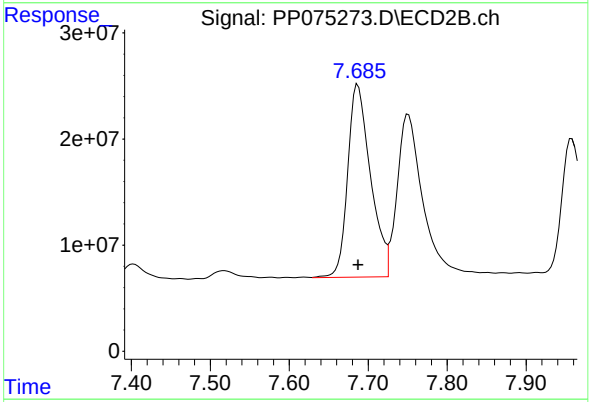
R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 303111015
Conc: 24.93 ng/ml



#41 AR-1268-1

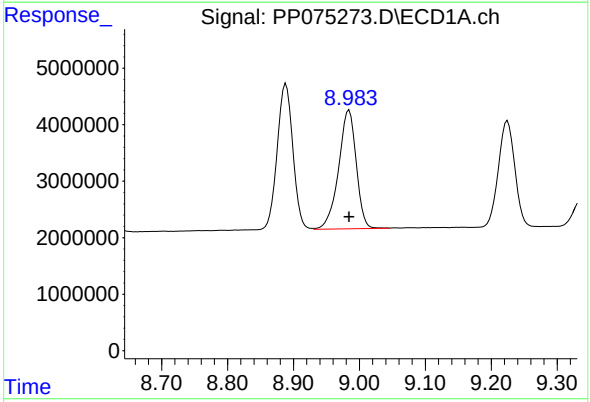
R.T.: 8.889 min
Delta R.T.: 0.000 min
Response: 42980575
Conc: 263.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



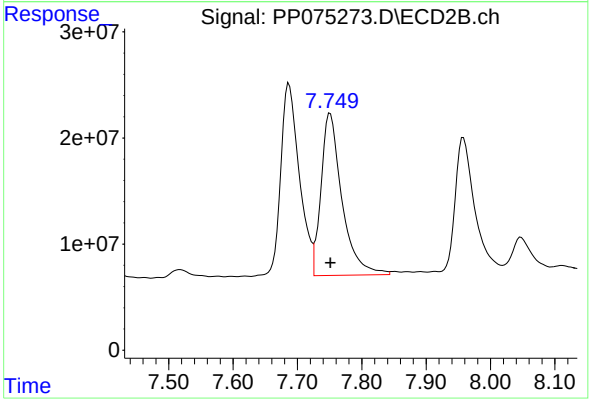
#41 AR-1268-1

R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 365177329
Conc: 243.70 ng/ml



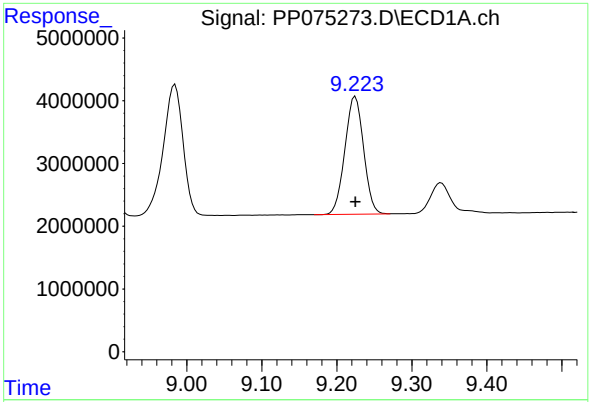
#42 AR-1268-2

R.T.: 8.984 min
Delta R.T.: 0.000 min
Response: 39128437
Conc: 260.66 ng/ml



#42 AR-1268-2

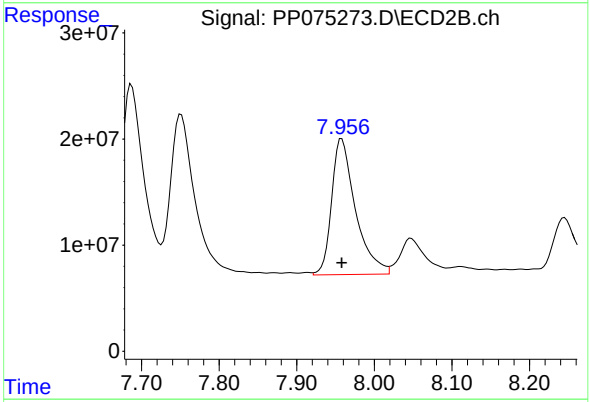
R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 345638504
Conc: 235.33 ng/ml



#43 AR-1268-3

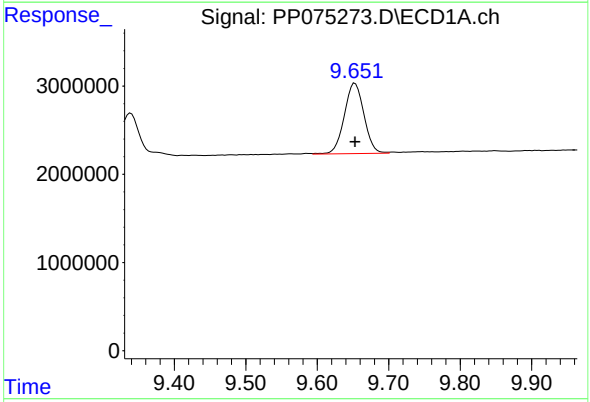
R.T.: 9.225 min
Delta R.T.: 0.000 min
Response: 32512368
Conc: 258.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



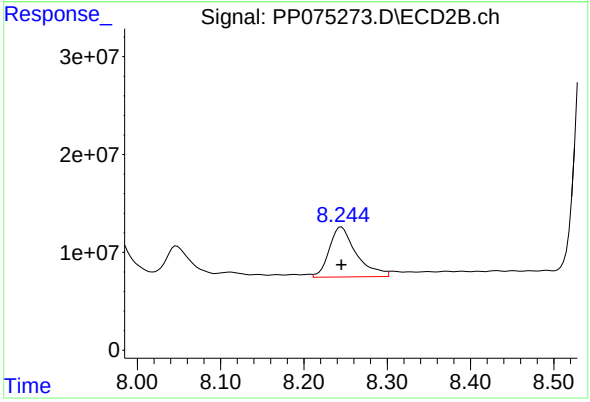
#43 AR-1268-3

R.T.: 7.958 min
Delta R.T.: 0.000 min
Response: 273482322
Conc: 238.58 ng/ml



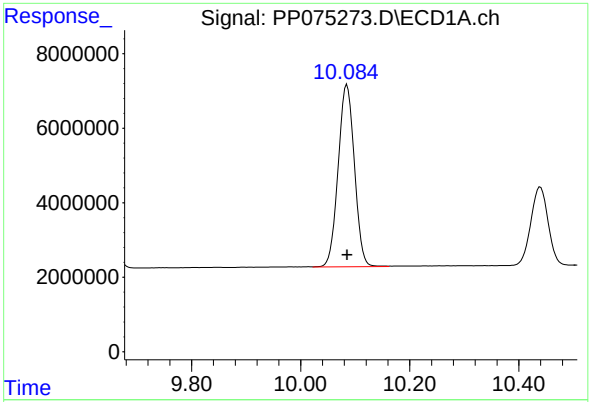
#44 AR-1268-4

R.T.: 9.653 min
Delta R.T.: 0.000 min
Response: 15247313
Conc: 257.01 ng/ml



#44 AR-1268-4

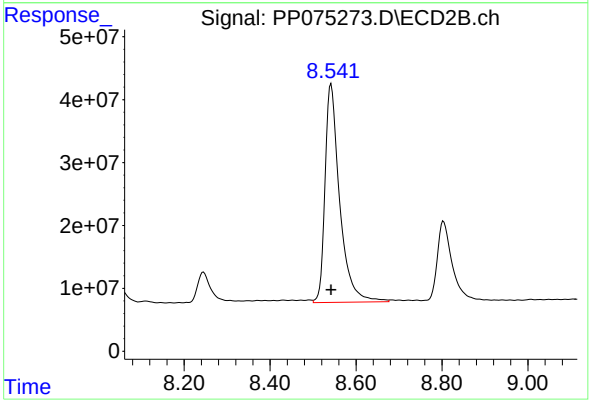
R.T.: 8.245 min
Delta R.T.: 0.000 min
Response: 115230714
Conc: 244.23 ng/ml



#45 AR-1268-5

R.T.: 10.085 min
Delta R.T.: 0.000 min
Response: 101295864
Conc: 257.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 821277670
Conc: 256.82 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 17:14
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:35:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:35:25 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...	4.656	3.796	6162995	20516394	4.661	3.375m#
2)	SA Decachlor...	10.438	8.806	8054661	48956522	4.632	4.189
	Target Compounds						
41)	L9 AR-1268-1	8.887	7.689	7806652	60962197	48.257m	42.258
42)	L9 AR-1268-2	8.984	7.753	7067403	54955257	47.637	39.400
43)	L9 AR-1268-3	9.224	7.960	5848482	43468397	47.131	39.653m
44)	L9 AR-1268-4	9.653	8.247	3041493	18125694	51.009	40.754m
45)	L9 AR-1268-5	10.084	8.544	18331022	120.0E6	47.221	39.458m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 17:14
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

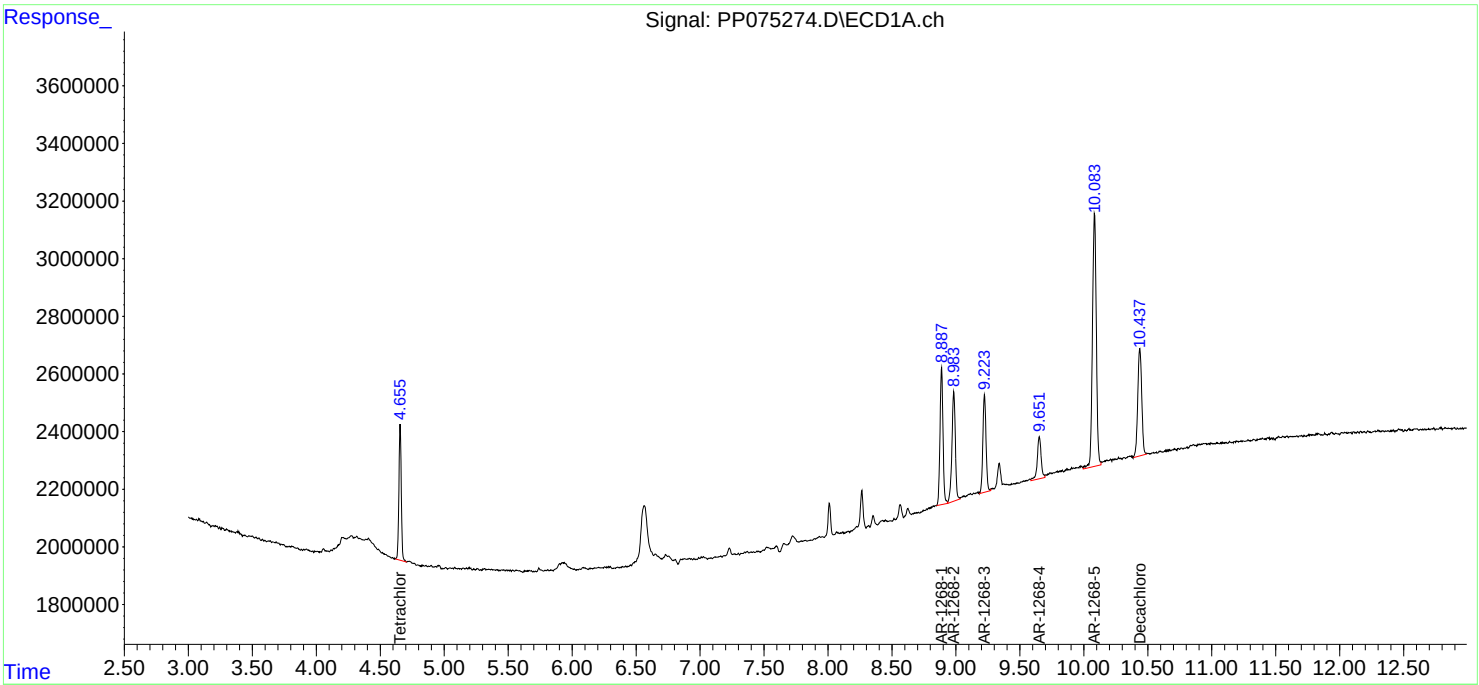
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

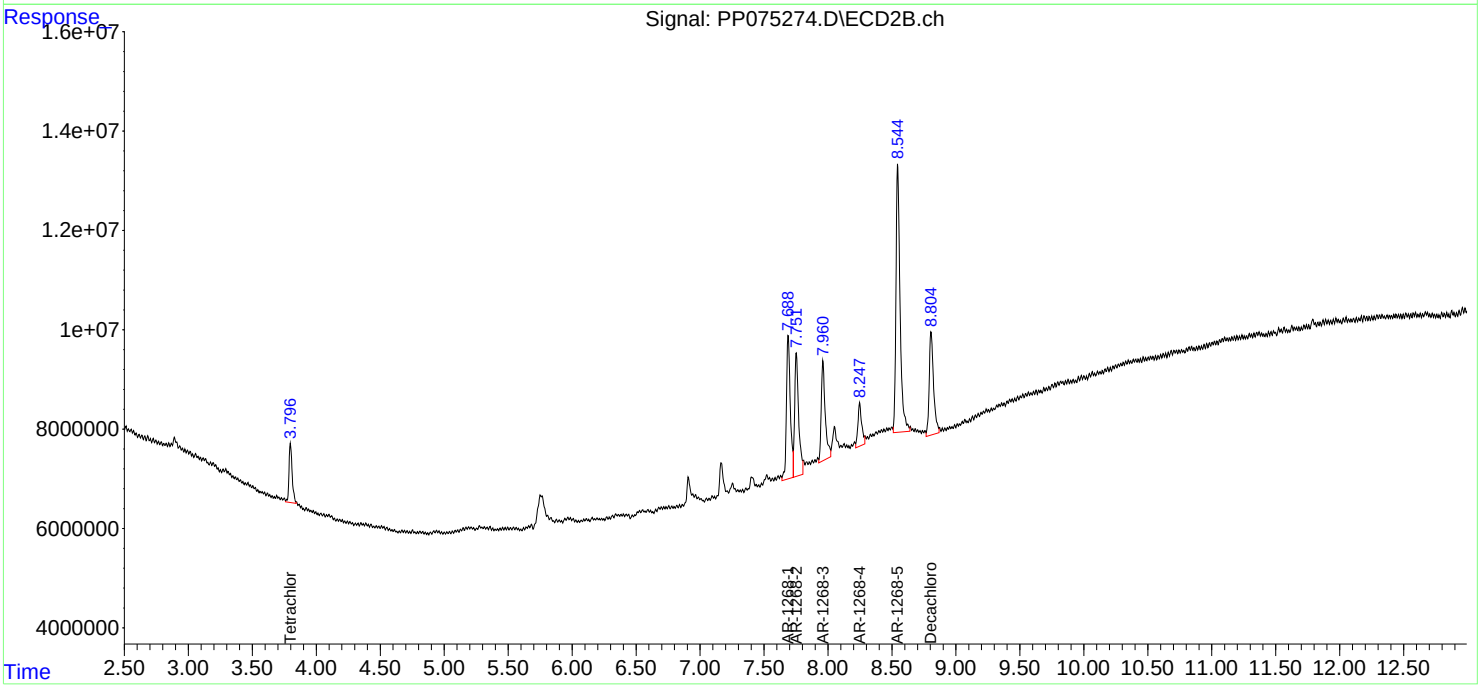
Manual Integrations APPROVED

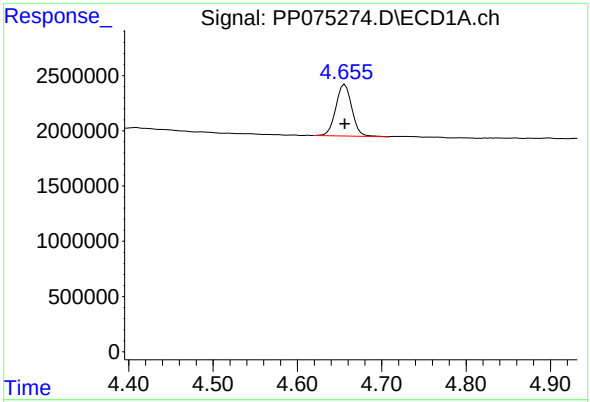
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:35:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:35:25 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







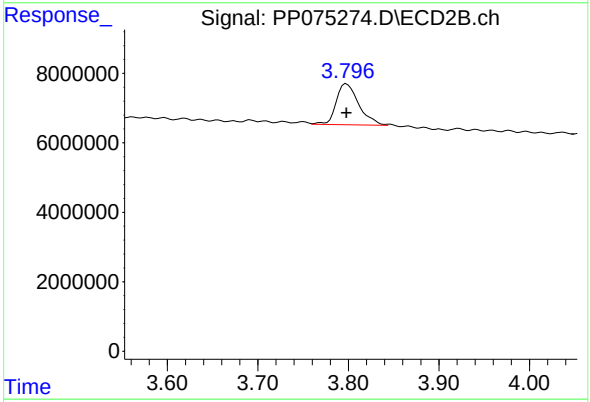
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 6162995
Conc: 4.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

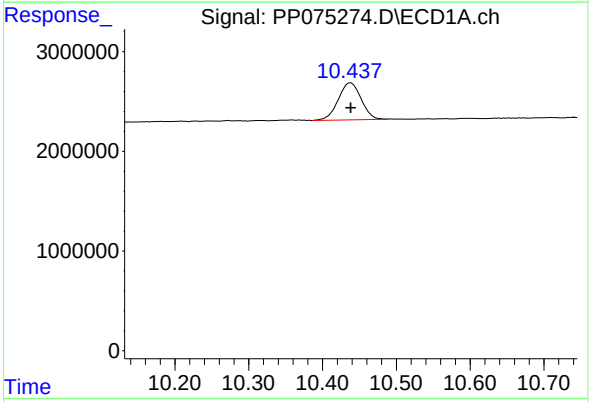
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



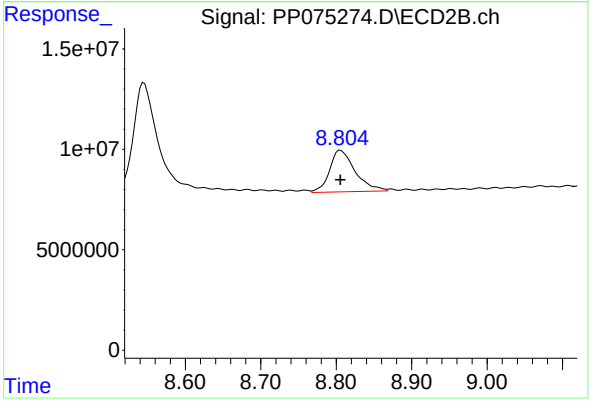
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 20516394
Conc: 3.38 ng/ml m



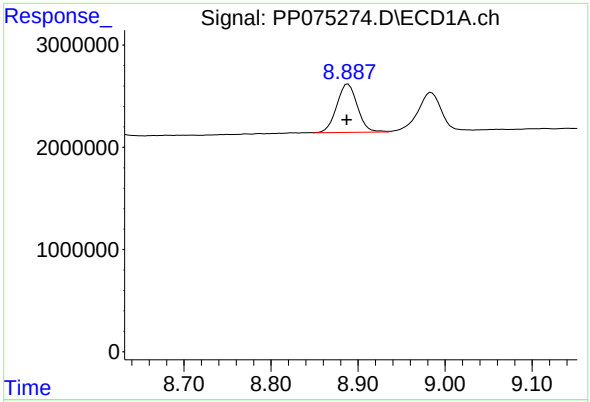
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 8054661
Conc: 4.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 48956522
Conc: 4.19 ng/ml



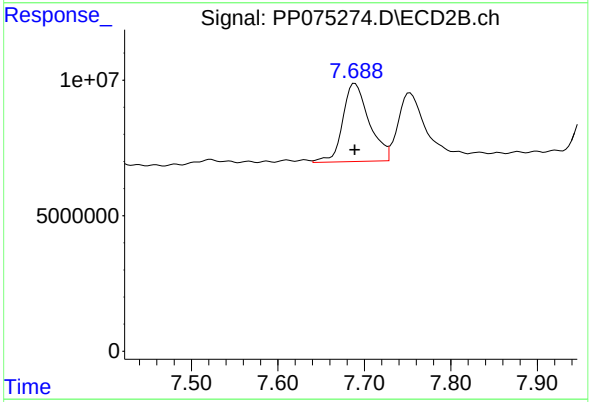
#41 AR-1268-1

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 7806652
Conc: 48.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

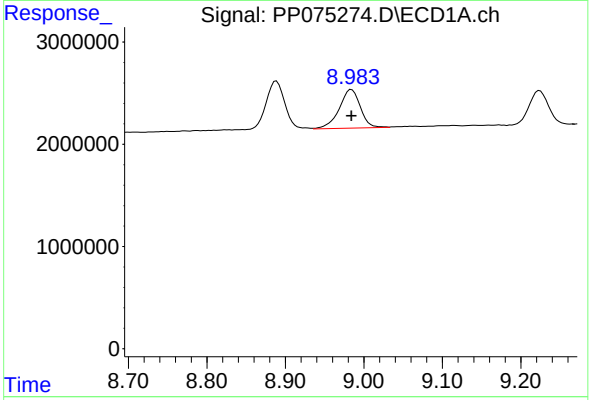
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



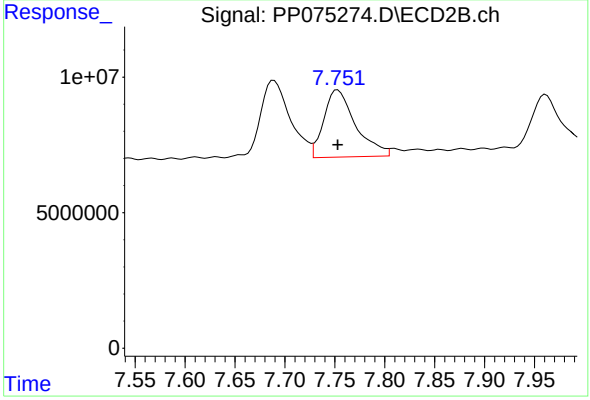
#41 AR-1268-1

R.T.: 7.689 min
Delta R.T.: 0.000 min
Response: 60962197
Conc: 42.26 ng/ml



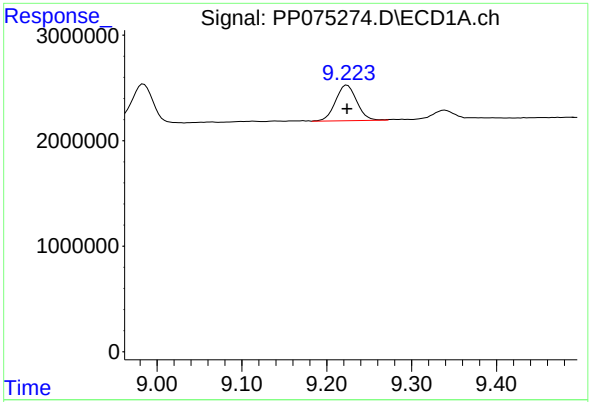
#42 AR-1268-2

R.T.: 8.984 min
Delta R.T.: 0.000 min
Response: 7067403
Conc: 47.64 ng/ml



#42 AR-1268-2

R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 54955257
Conc: 39.40 ng/ml



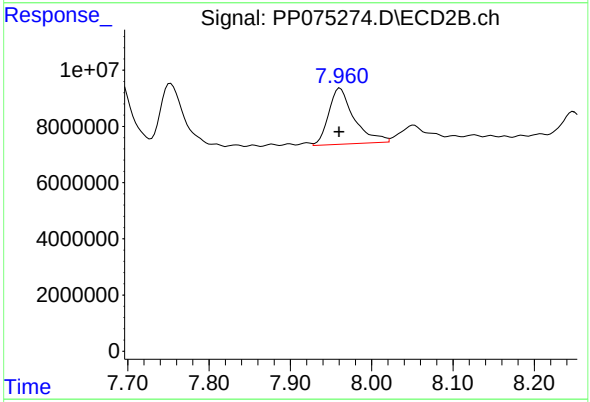
#43 AR-1268-3

R.T.: 9.224 min
Delta R.T.: 0.000 min
Response: 5848482
Conc: 47.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

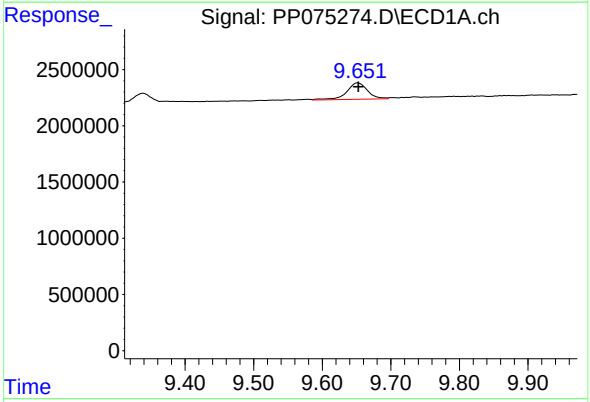
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



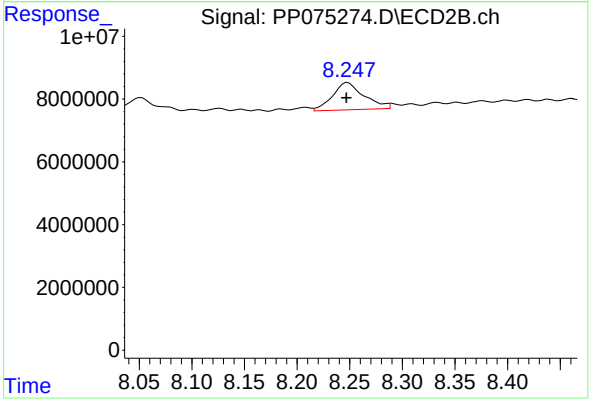
#43 AR-1268-3

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 43468397
Conc: 39.65 ng/ml m



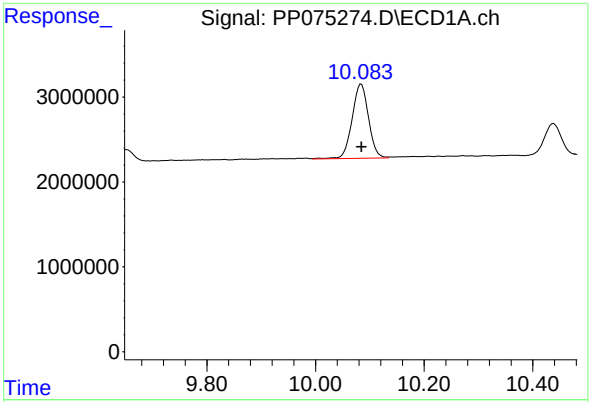
#44 AR-1268-4

R.T.: 9.653 min
Delta R.T.: 0.000 min
Response: 3041493
Conc: 51.01 ng/ml



#44 AR-1268-4

R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 18125694
Conc: 40.75 ng/ml m



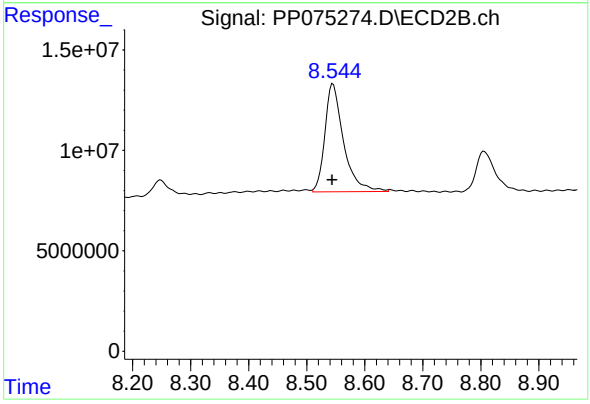
#45 AR-1268-5

R.T.: 10.084 min
Delta R.T.: 0.000 min
Response: 18331022
Conc: 47.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#45 AR-1268-5

R.T.: 8.544 min
Delta R.T.: 0.000 min
Response: 119998424
Conc: 39.46 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 17:46
Operator : YP\AJ
Sample : PP092325ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP092325

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 18:28:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.663	3.799	70190259	330.4E6	53.643	54.154
2)	SA Decachlor...	10.445	8.804	53037838	358.3E6	53.168	59.392m
	Target Compounds						
3)	L1 AR-1016-1	5.815	4.896	25480532	304.2E6	529.688	542.185
4)	L1 AR-1016-2	5.836	4.953	36891066	135.1E6	514.315	525.487
5)	L1 AR-1016-3	5.899	5.073	23781479	76410296	511.091	492.118
6)	L1 AR-1016-4	5.996	5.114	19445011	76331861	545.646	519.377
7)	L1 AR-1016-5	6.289	5.328	18500980	85017958	548.644	520.362
31)	L7 AR-1260-1	7.406	6.357	33314276	213.7E6	554.134	526.554
32)	L7 AR-1260-2	7.659	6.543	39216271	298.7E6	538.700	518.643
33)	L7 AR-1260-3	8.017	6.697	31022586	223.0E6	572.952	520.892
34)	L7 AR-1260-4	8.245	7.166	33773955	216.2E6	597.376	501.440
35)	L7 AR-1260-5	8.571	7.405	61446307	573.0E6	559.578	544.665

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 17:46
Operator : YP\AJ
Sample : PP092325ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

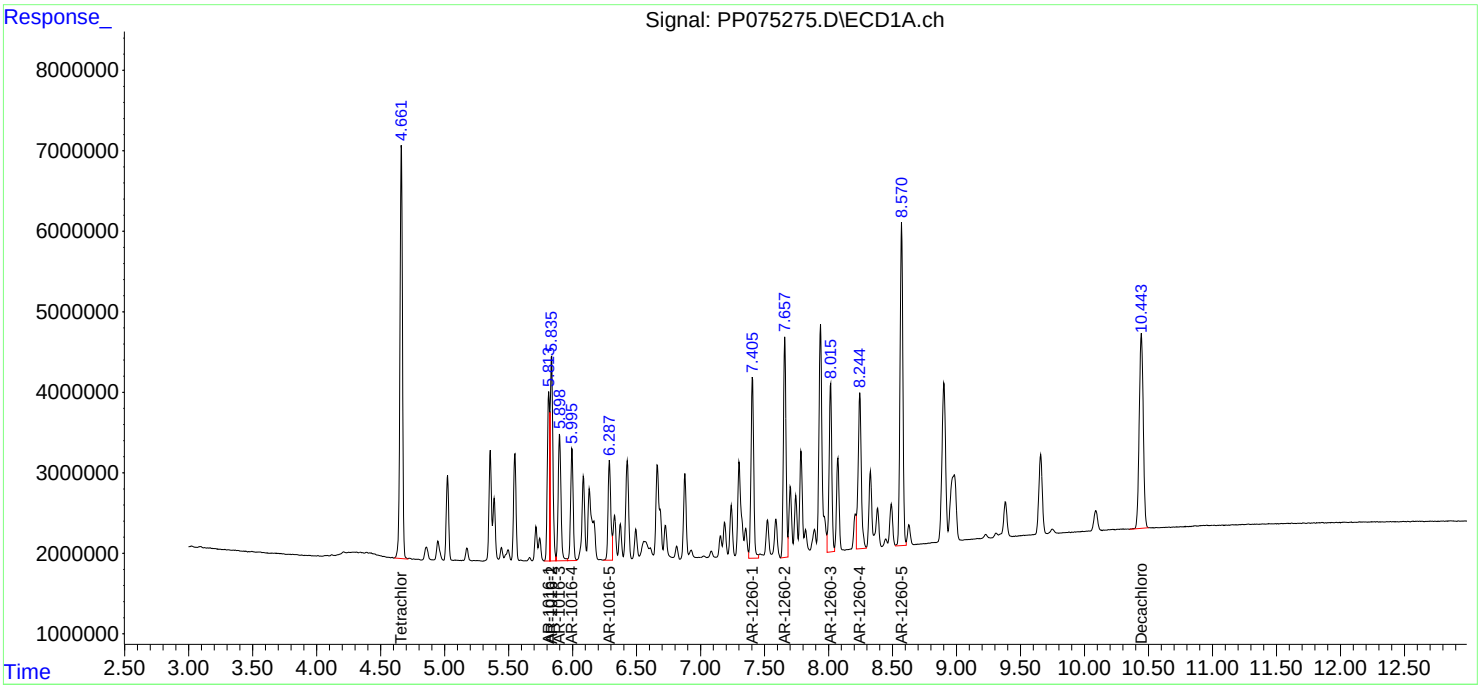
Instrument :
ECD_P
ClientSampleId :
ICVPP092325

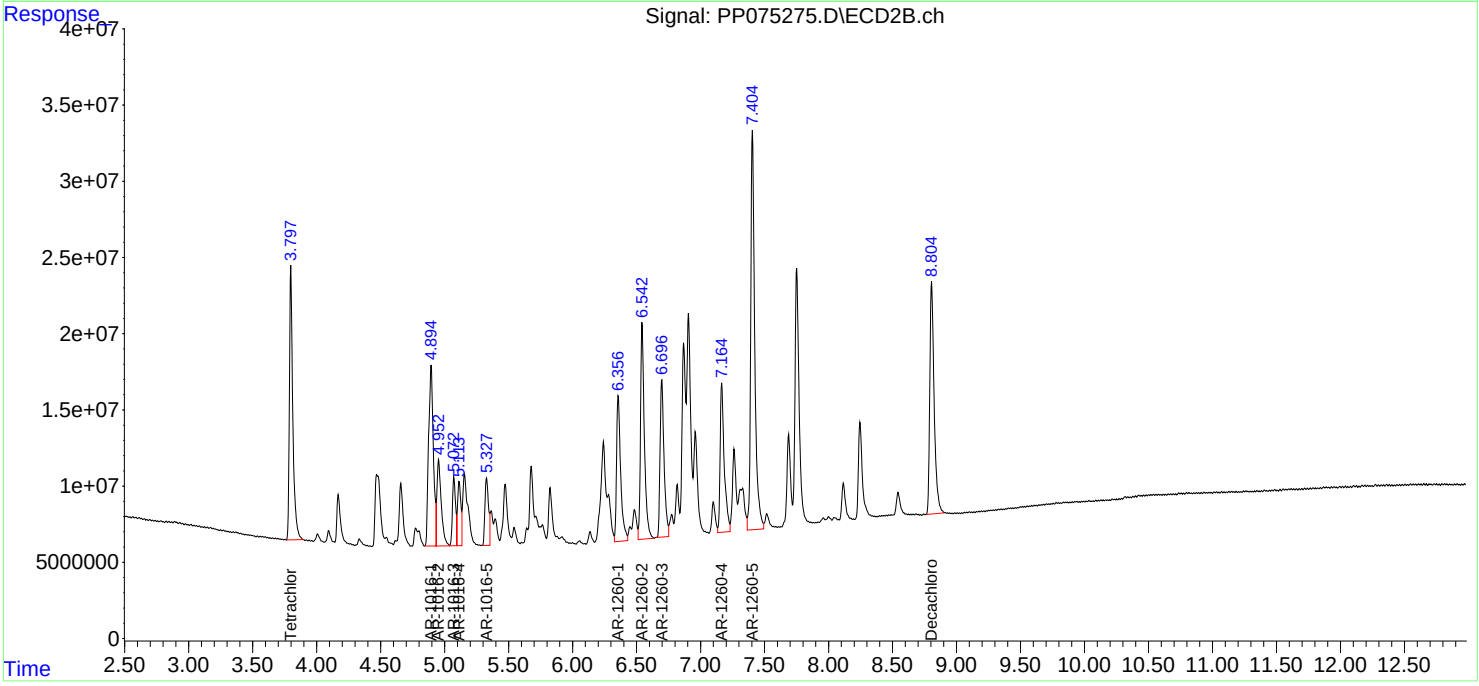
Manual Integrations APPROVED

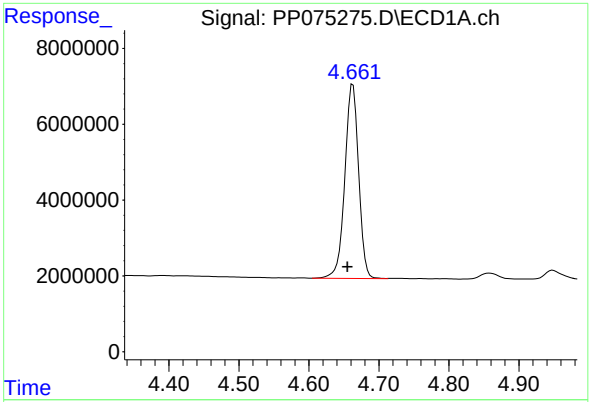
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 18:28:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







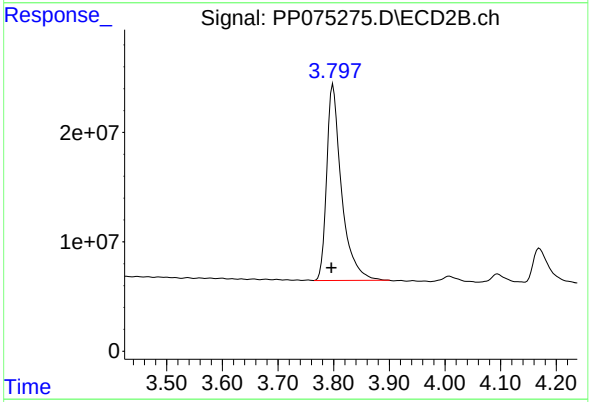
#1 Tetrachloro-m-xylene

R.T.: 4.663 min
Delta R.T.: 0.008 min
Response: 70190259
Conc: 53.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325

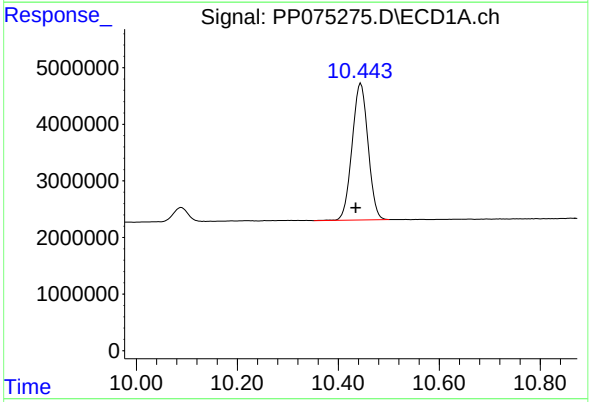
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



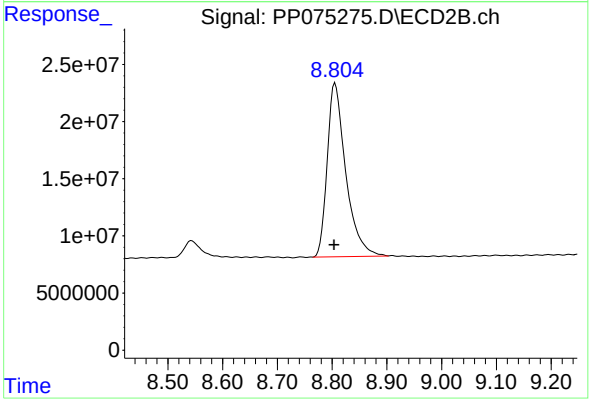
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.003 min
Response: 330389764
Conc: 54.15 ng/ml



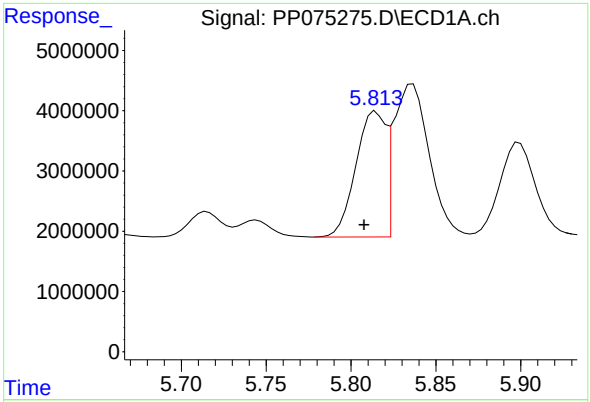
#2 Decachlorobiphenyl

R.T.: 10.445 min
Delta R.T.: 0.010 min
Response: 53037838
Conc: 53.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 358284034
Conc: 59.39 ng/ml m



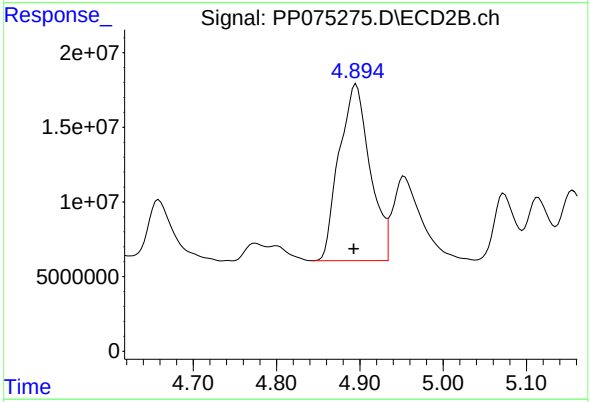
#3 AR-1016-1

R.T.: 5.815 min
Delta R.T.: 0.007 min
Response: 25480532
Conc: 529.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325

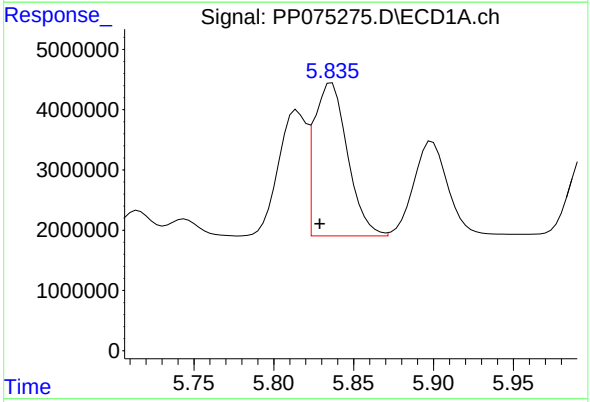
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



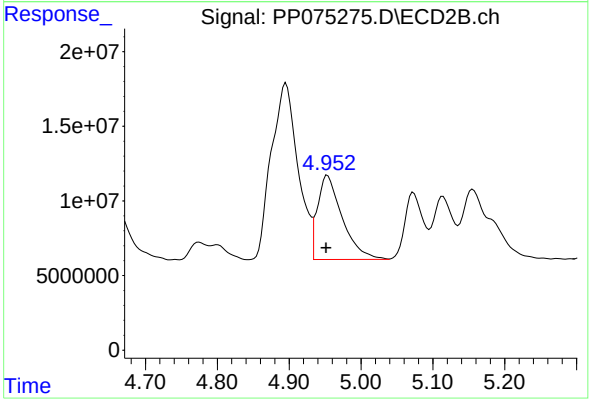
#3 AR-1016-1

R.T.: 4.896 min
Delta R.T.: 0.003 min
Response: 304173227
Conc: 542.19 ng/ml



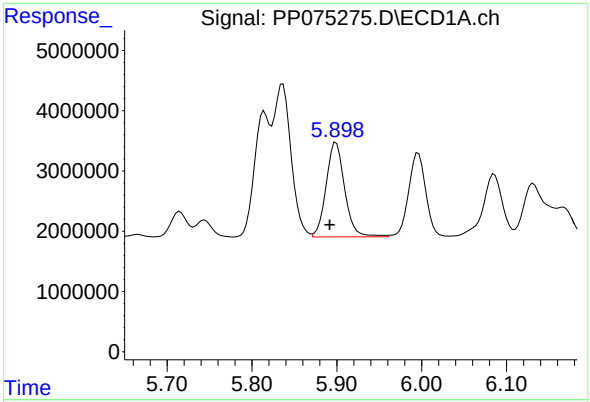
#4 AR-1016-2

R.T.: 5.836 min
Delta R.T.: 0.008 min
Response: 36891066
Conc: 514.31 ng/ml



#4 AR-1016-2

R.T.: 4.953 min
Delta R.T.: 0.002 min
Response: 135051180
Conc: 525.49 ng/ml



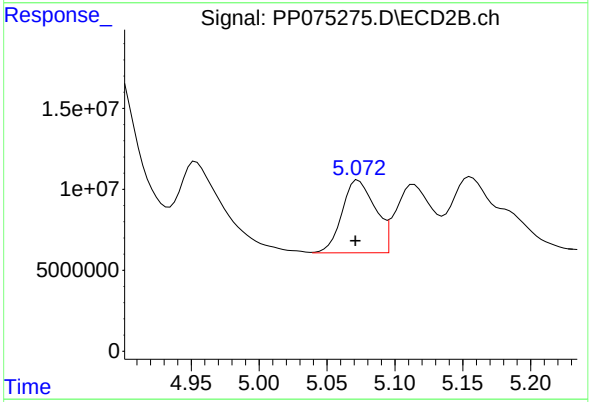
#5 AR-1016-3

R.T.: 5.899 min
Delta R.T.: 0.007 min
Response: 23781479
Conc: 511.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325

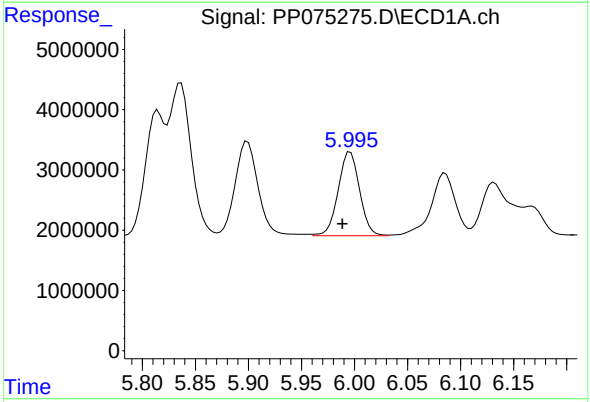
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



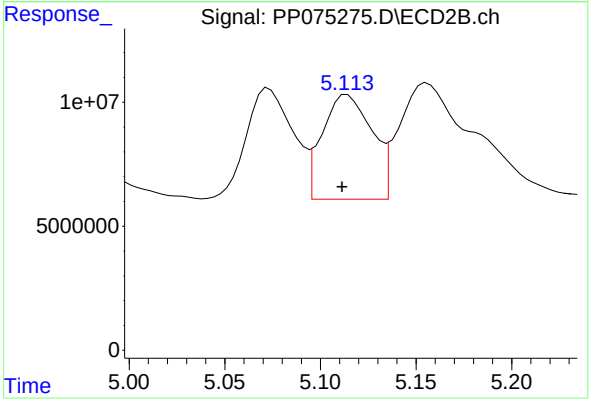
#5 AR-1016-3

R.T.: 5.073 min
Delta R.T.: 0.002 min
Response: 76410296
Conc: 492.12 ng/ml



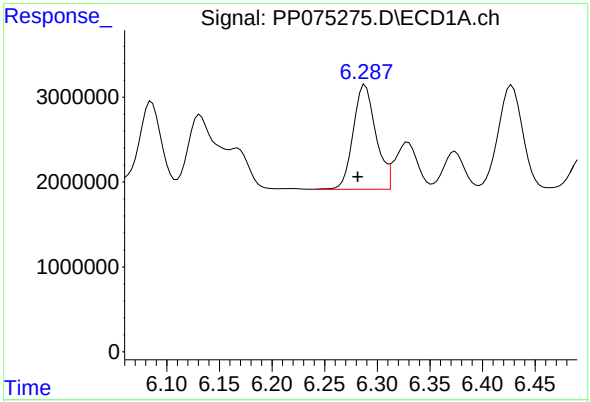
#6 AR-1016-4

R.T.: 5.996 min
Delta R.T.: 0.007 min
Response: 19445011
Conc: 545.65 ng/ml



#6 AR-1016-4

R.T.: 5.114 min
Delta R.T.: 0.003 min
Response: 76331861
Conc: 519.38 ng/ml



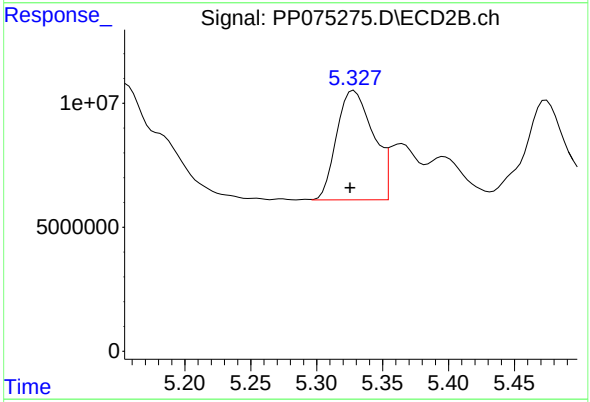
#7 AR-1016-5

R.T.: 6.289 min
Delta R.T.: 0.007 min
Response: 18500980
Conc: 548.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325

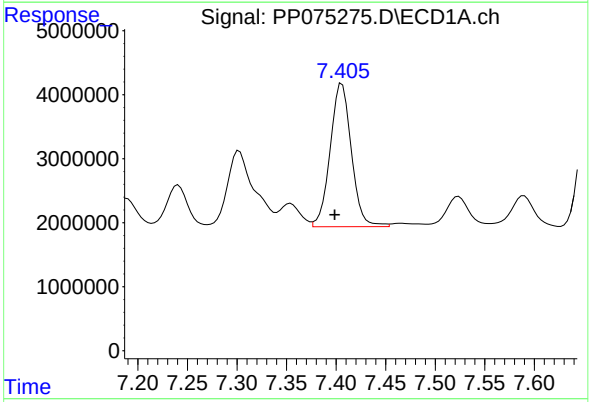
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



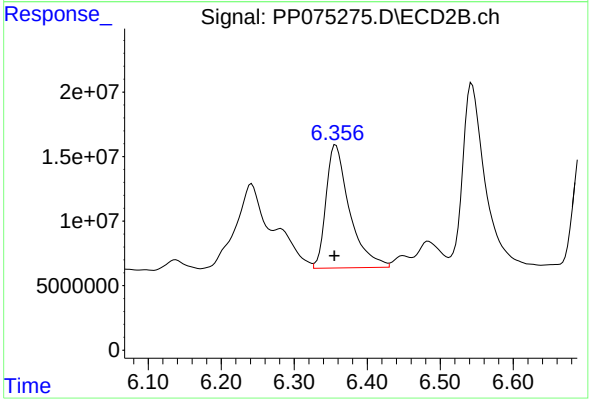
#7 AR-1016-5

R.T.: 5.328 min
Delta R.T.: 0.003 min
Response: 85017958
Conc: 520.36 ng/ml



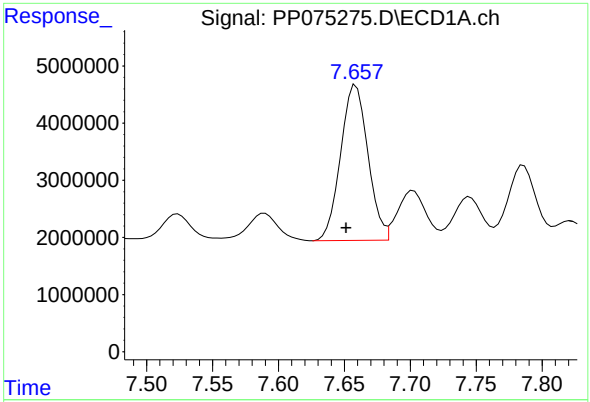
#31 AR-1260-1

R.T.: 7.406 min
Delta R.T.: 0.007 min
Response: 33314276
Conc: 554.13 ng/ml



#31 AR-1260-1

R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 213746874
Conc: 526.55 ng/ml



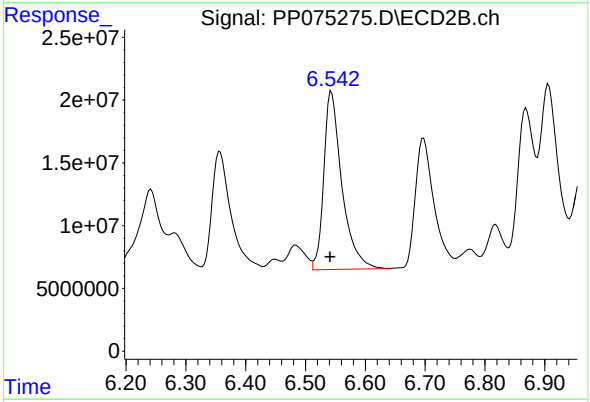
#32 AR-1260-2

R.T.: 7.659 min
Delta R.T.: 0.007 min
Response: 39216271
Conc: 538.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325

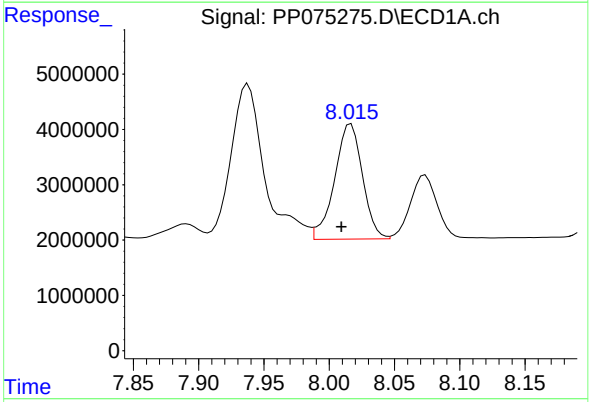
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



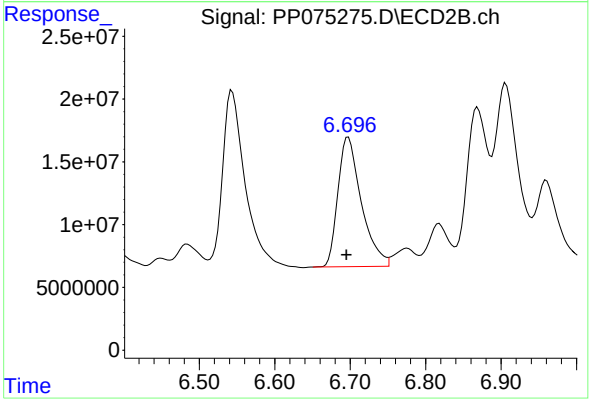
#32 AR-1260-2

R.T.: 6.543 min
Delta R.T.: 0.002 min
Response: 298650131
Conc: 518.64 ng/ml



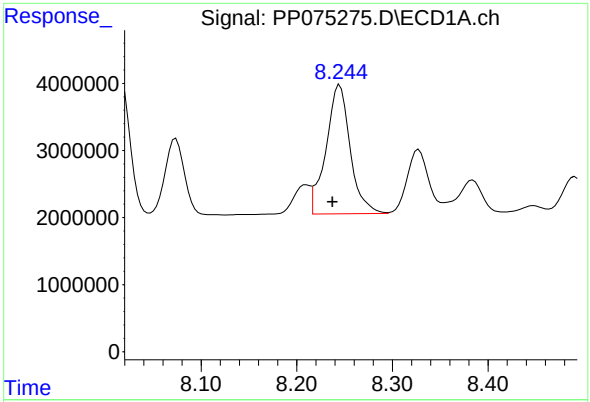
#33 AR-1260-3

R.T.: 8.017 min
Delta R.T.: 0.007 min
Response: 31022586
Conc: 572.95 ng/ml



#33 AR-1260-3

R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 222985953
Conc: 520.89 ng/ml



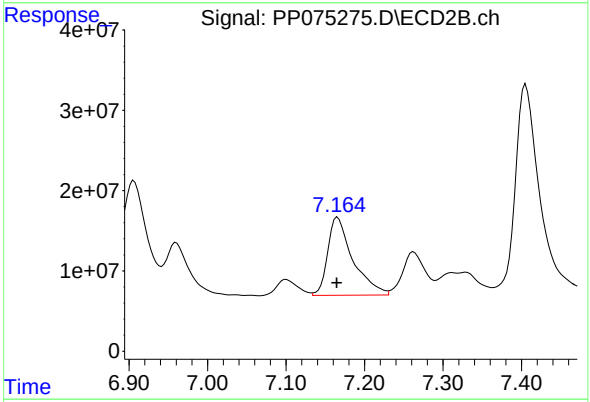
#34 AR-1260-4

R.T.: 8.245 min
Delta R.T.: 0.008 min
Response: 33773955
Conc: 597.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325

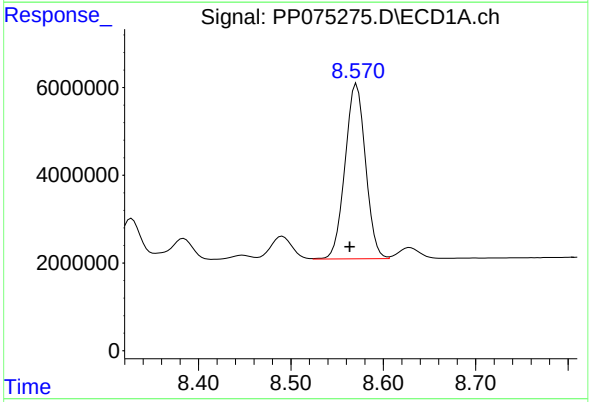
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



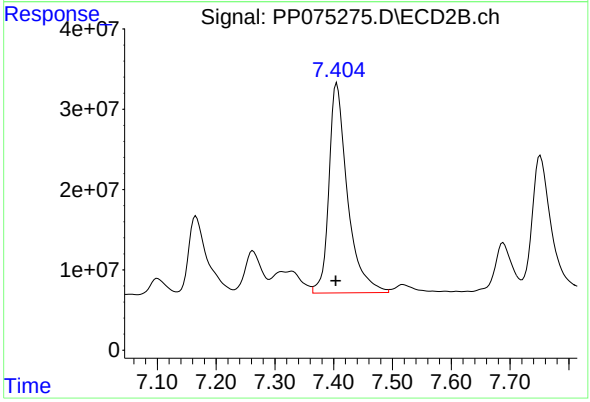
#34 AR-1260-4

R.T.: 7.166 min
Delta R.T.: 0.000 min
Response: 216232762
Conc: 501.44 ng/ml



#35 AR-1260-5

R.T.: 8.571 min
Delta R.T.: 0.008 min
Response: 61446307
Conc: 559.58 ng/ml



#35 AR-1260-5

R.T.: 7.405 min
Delta R.T.: 0.002 min
Response: 572980909
Conc: 544.66 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 18:35
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:35:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.799	69296262	322.8E6	52.959	52.905
2)	SA Decachlor...	10.440	8.803	52620761	359.1E6	52.750	59.525m
	Target Compounds						
16)	L4 AR-1242-1	5.812	4.896	21512826	253.0E6	516.394	541.693
17)	L4 AR-1242-2	5.834	4.954	31427273	115.0E6	526.973	550.426
18)	L4 AR-1242-3	5.897	5.074	20323849	64997022	502.739	532.921
19)	L4 AR-1242-4	5.993	5.155	16403438	83515061	521.837	524.950m
20)	L4 AR-1242-5	6.723	5.676	18943732	103.0E6	538.853	528.983

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 18:35
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

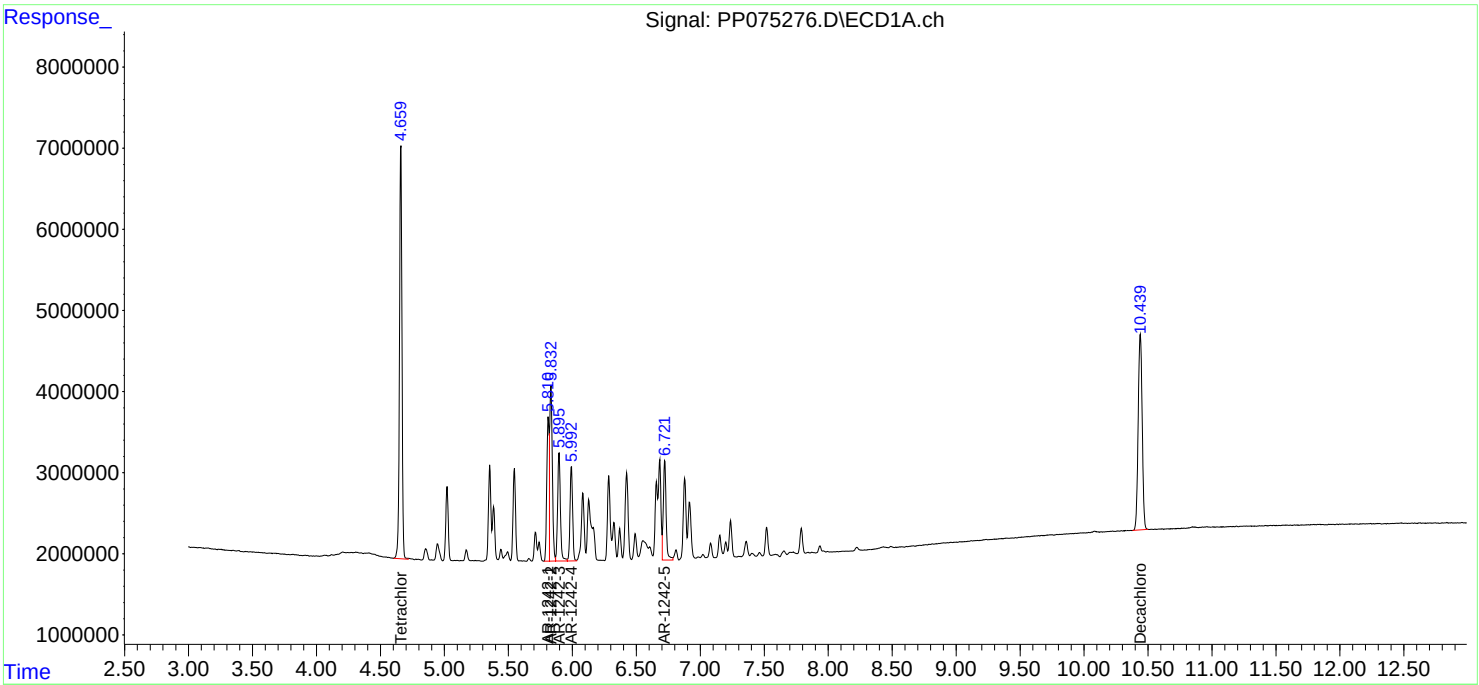
Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1242

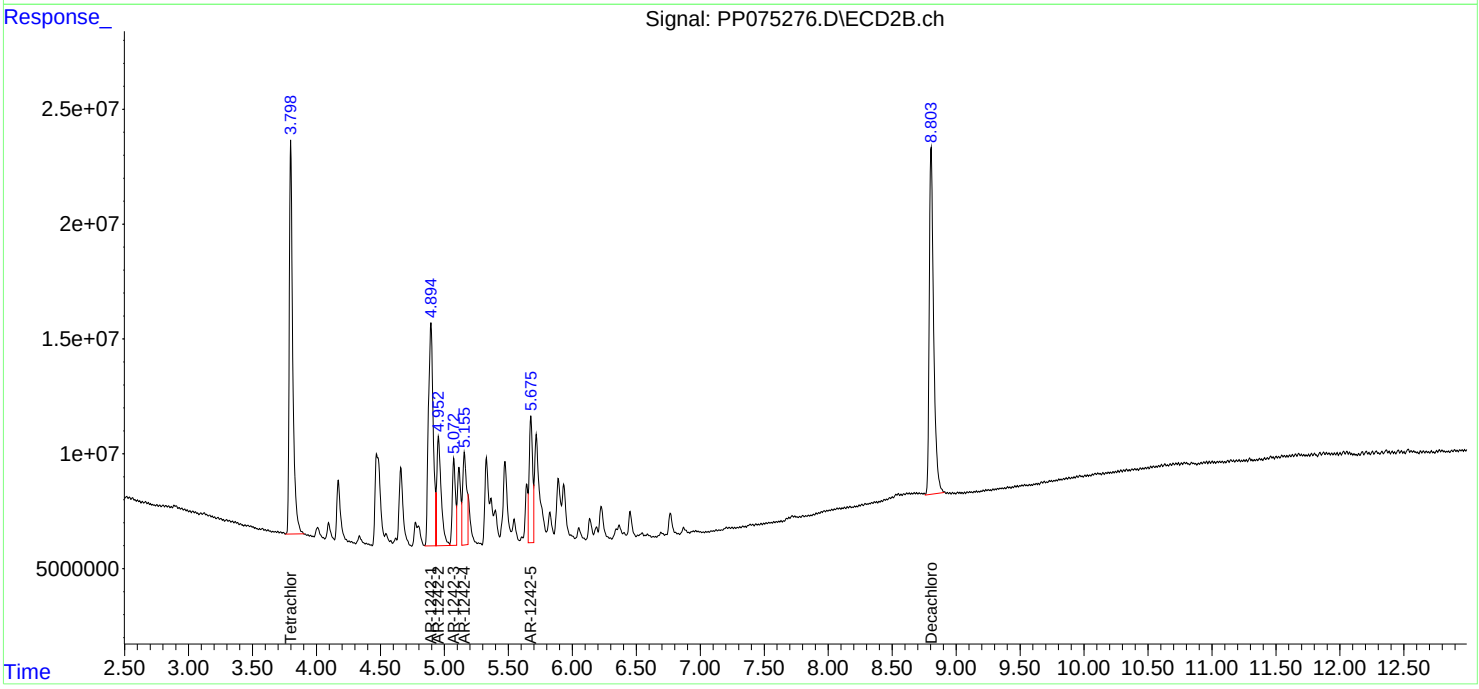
Manual Integrations APPROVED

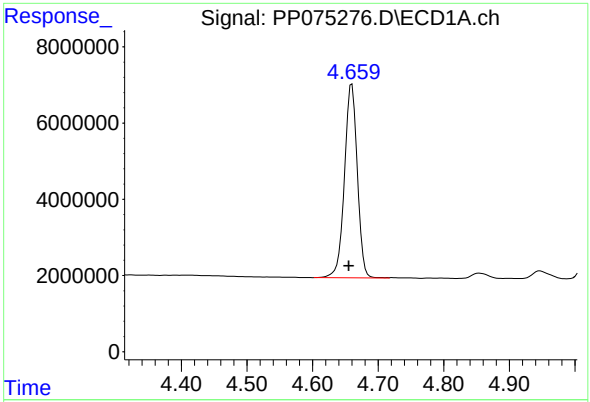
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:35:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







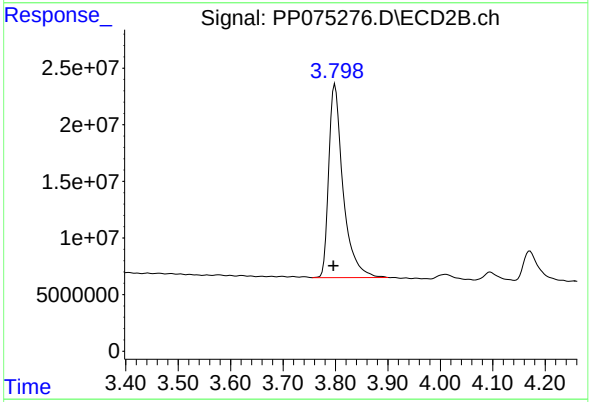
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.005 min
Response: 69296262
Conc: 52.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1242

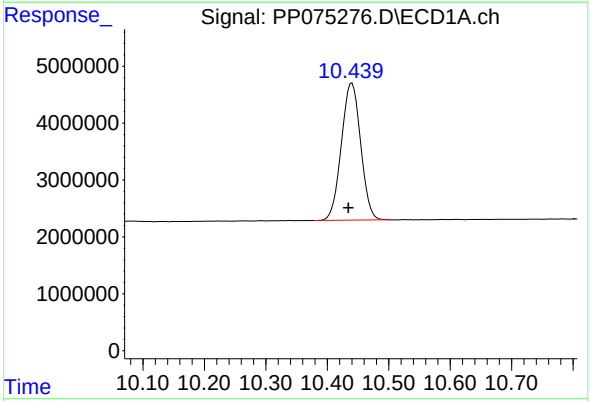
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



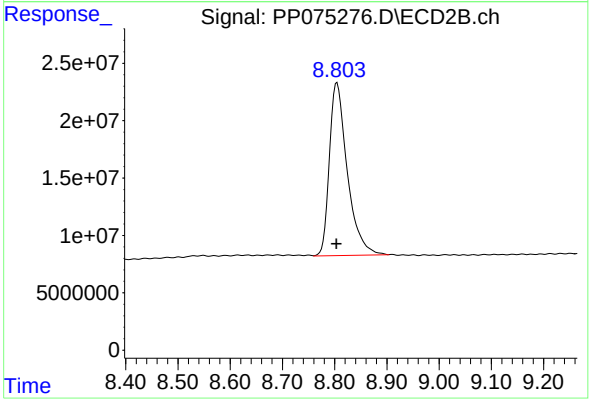
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.003 min
Response: 322766613
Conc: 52.90 ng/ml



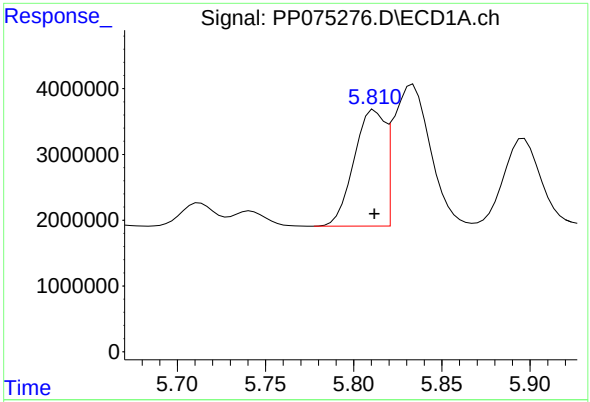
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.006 min
Response: 52620761
Conc: 52.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 359083335
Conc: 59.52 ng/ml m



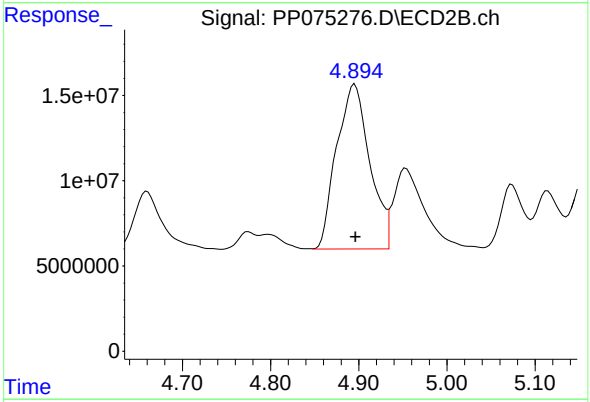
#16 AR-1242-1

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 21512826
Conc: 516.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1242

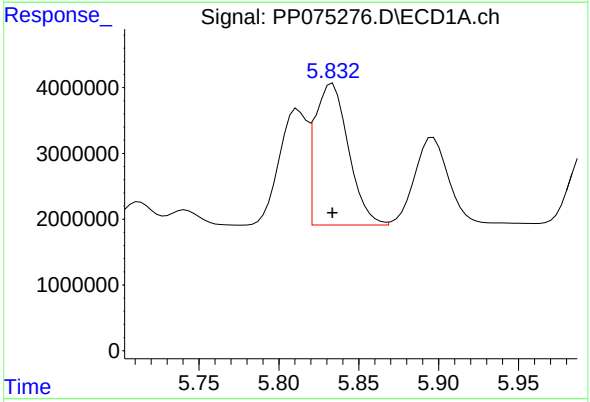
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



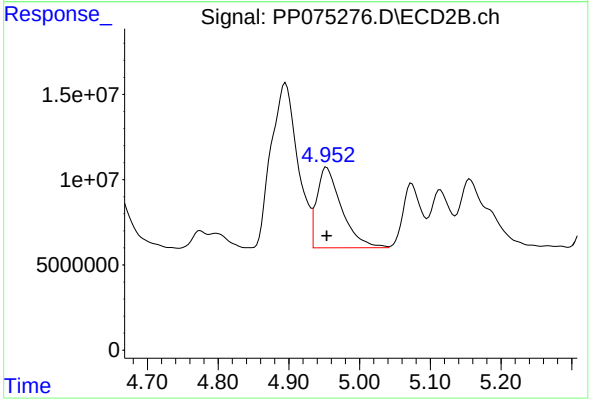
#16 AR-1242-1

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 253035792
Conc: 541.69 ng/ml



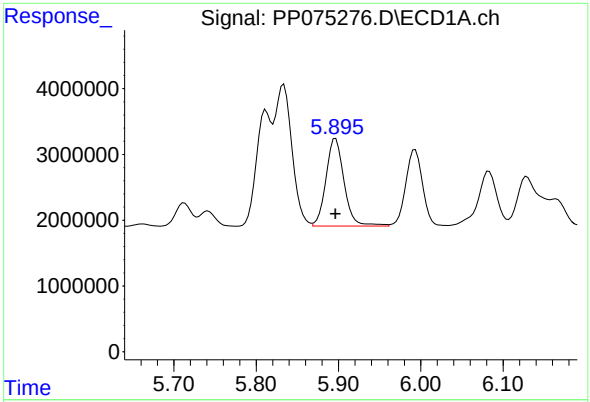
#17 AR-1242-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 31427273
Conc: 526.97 ng/ml



#17 AR-1242-2

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 115015732
Conc: 550.43 ng/ml



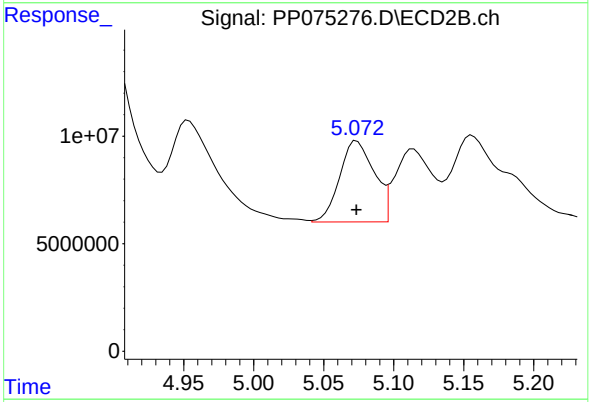
#18 AR-1242-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 20323849
Conc: 502.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1242

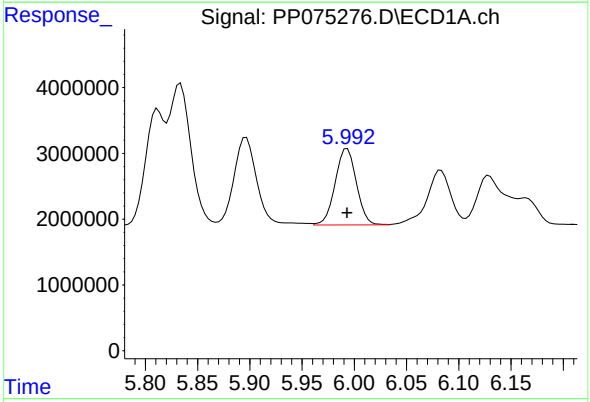
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



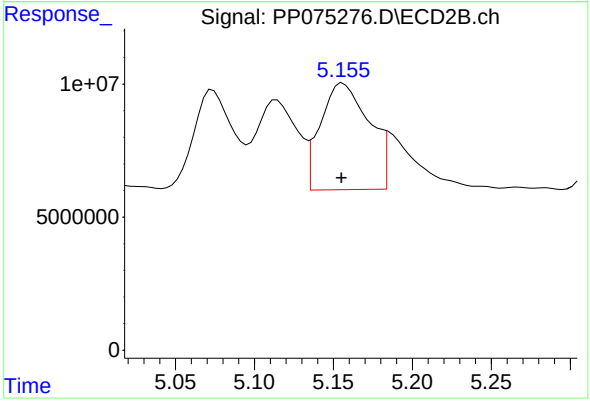
#18 AR-1242-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 64997022
Conc: 532.92 ng/ml



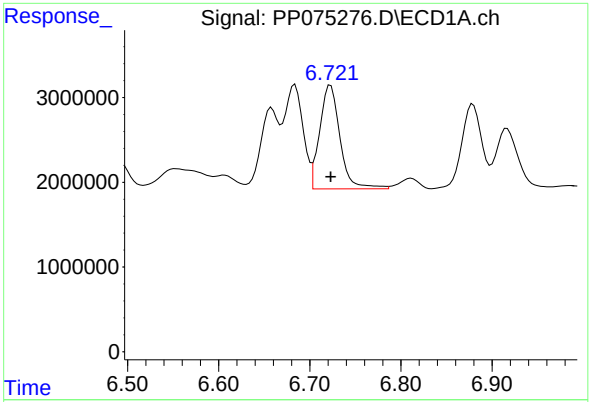
#19 AR-1242-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 16403438
Conc: 521.84 ng/ml



#19 AR-1242-4

R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 83515061
Conc: 524.95 ng/ml m



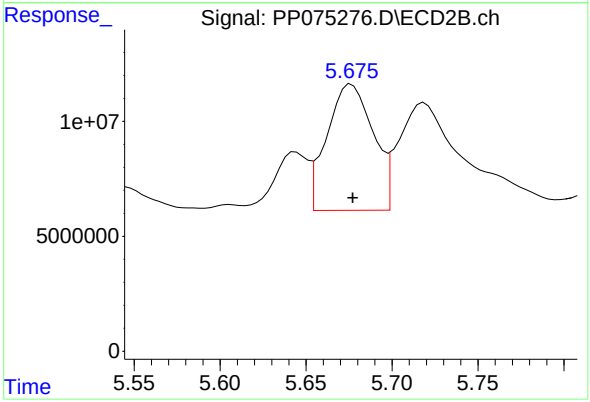
#20 AR-1242-5

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 18943732
Conc: 538.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 102984369
Conc: 528.98 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 19:08
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:30:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.798	67690061	321.9E6	51.732	52.757
2)	SA Decachlor...	10.441	8.804	52715950	361.4E6	52.846	59.916m
	Target Compounds						
21)	L5 AR-1248-1	5.811	4.894	16390127	167.0E6	519.336	555.702
22)	L5 AR-1248-2	6.082	5.114	22503142	105.0E6	518.888	518.581
23)	L5 AR-1248-3	6.285	5.154	25155093	135.3E6	526.712	541.550m
24)	L5 AR-1248-4	6.683	5.327	30695144	119.4E6	519.272	513.196
25)	L5 AR-1248-5	6.723	5.718	29807919	227.8E6	504.369	557.543

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 19:08
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 17 Sample Multiplier: 1

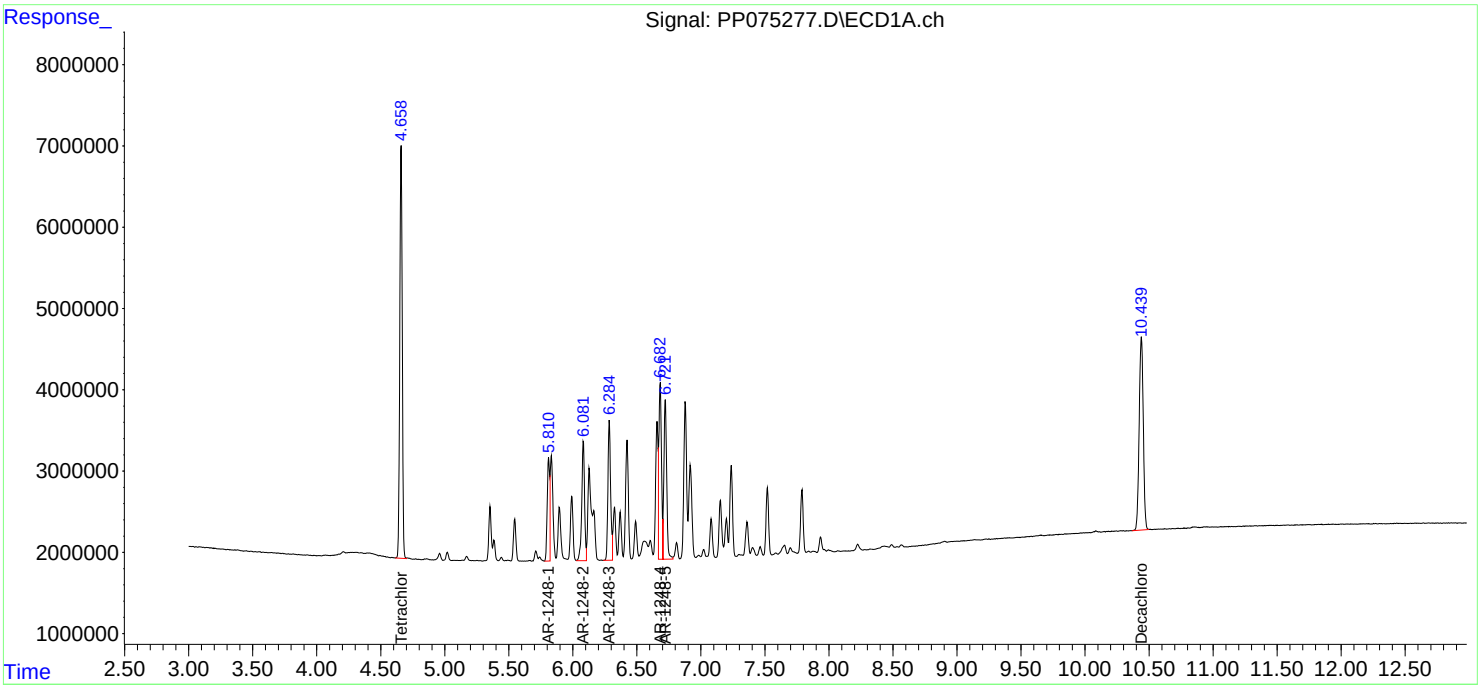
Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1248

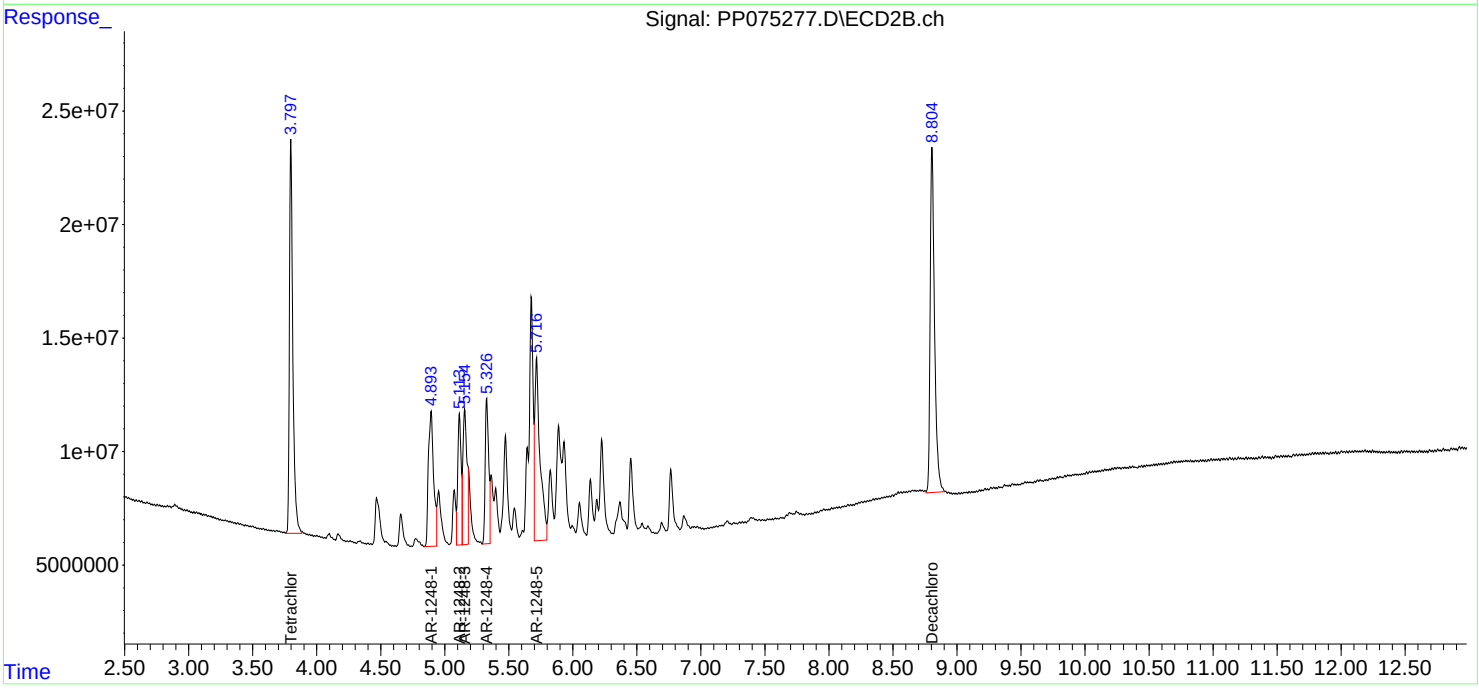
Manual Integrations APPROVED

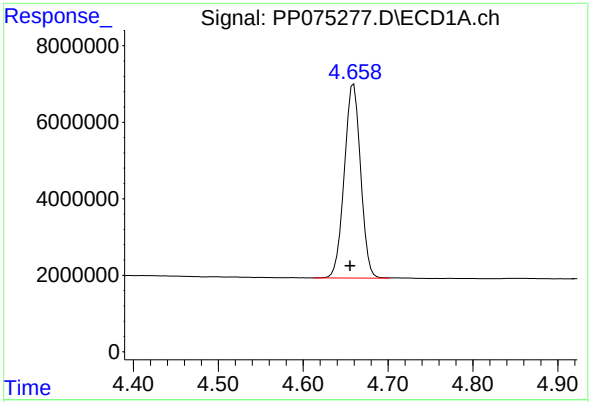
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:30:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







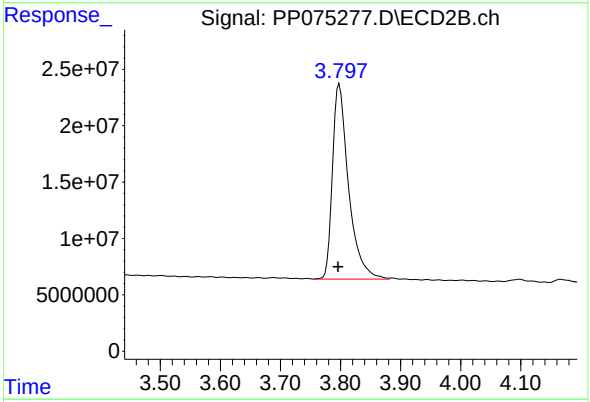
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.005 min
Response: 67690061
Conc: 51.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1248

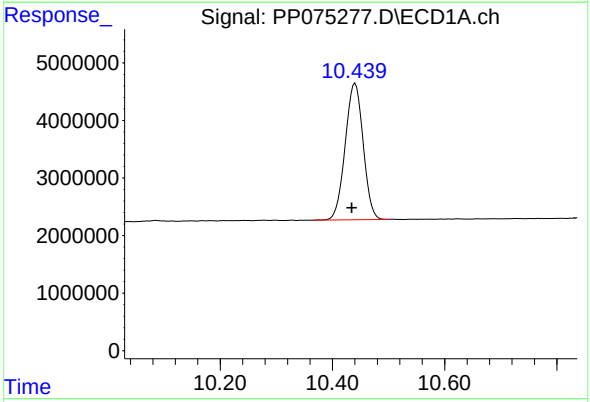
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



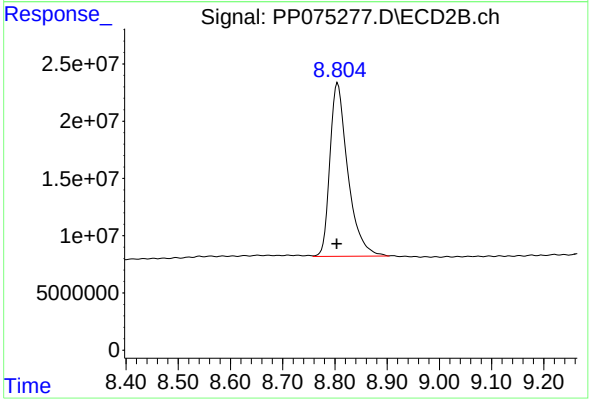
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.002 min
Response: 321866586
Conc: 52.76 ng/ml



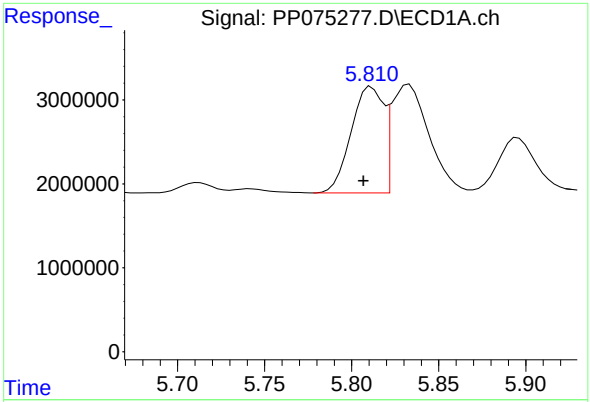
#2 Decachlorobiphenyl

R.T.: 10.441 min
Delta R.T.: 0.006 min
Response: 52715950
Conc: 52.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 361445303
Conc: 59.92 ng/ml m



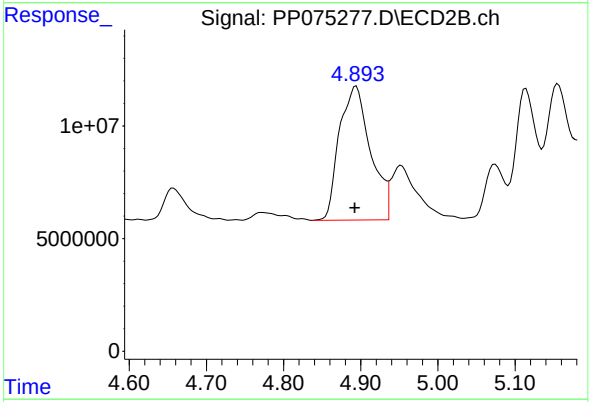
#21 AR-1248-1

R.T.: 5.811 min
Delta R.T.: 0.005 min
Response: 16390127
Conc: 519.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1248

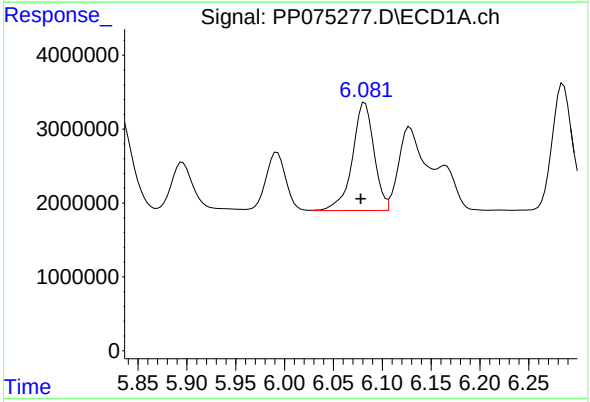
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



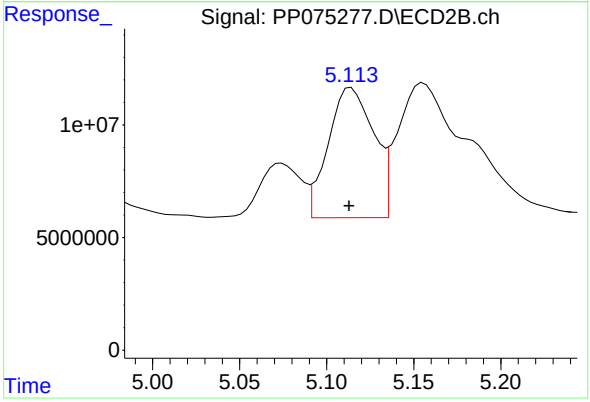
#21 AR-1248-1

R.T.: 4.894 min
Delta R.T.: 0.002 min
Response: 166969869
Conc: 555.70 ng/ml



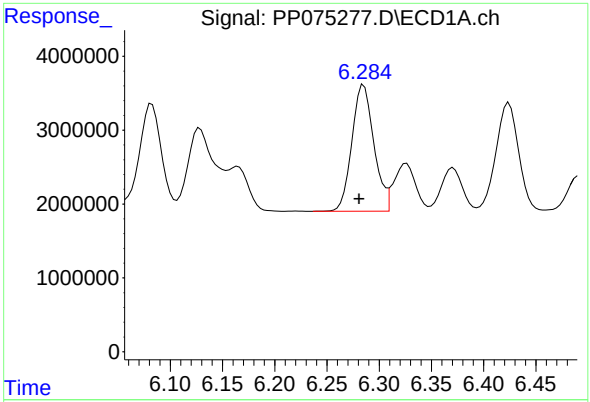
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.004 min
Response: 22503142
Conc: 518.89 ng/ml



#22 AR-1248-2

R.T.: 5.114 min
Delta R.T.: 0.001 min
Response: 105001722
Conc: 518.58 ng/ml



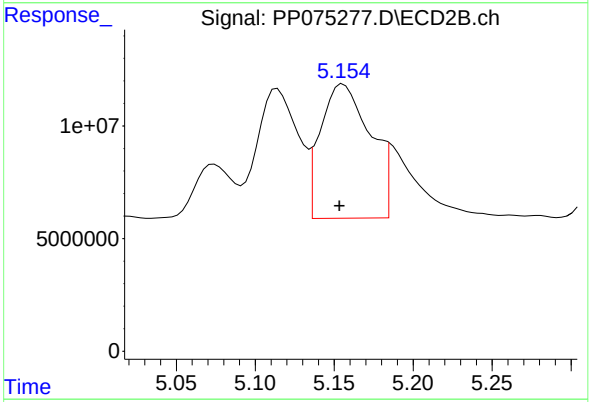
#23 AR-1248-3

R.T.: 6.285 min
Delta R.T.: 0.004 min
Response: 25155093
Conc: 526.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1248

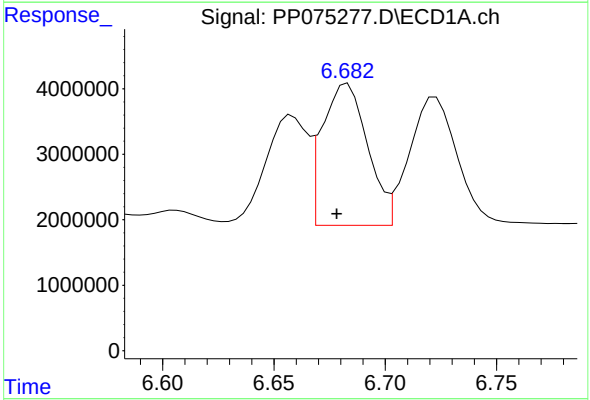
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



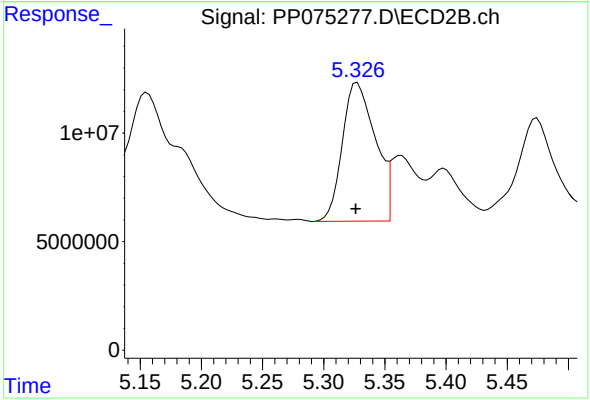
#23 AR-1248-3

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 135250085
Conc: 541.55 ng/ml m



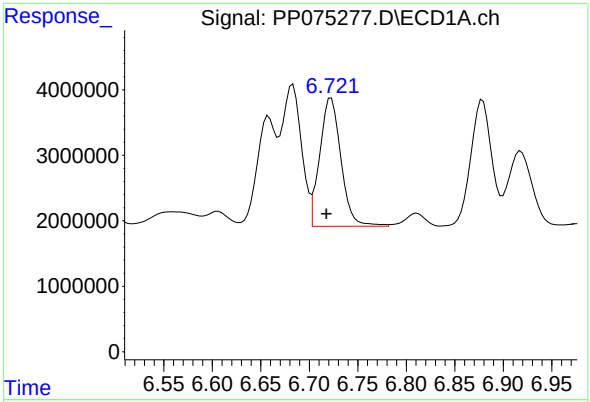
#24 AR-1248-4

R.T.: 6.683 min
Delta R.T.: 0.005 min
Response: 30695144
Conc: 519.27 ng/ml



#24 AR-1248-4

R.T.: 5.327 min
Delta R.T.: 0.001 min
Response: 119442983
Conc: 513.20 ng/ml



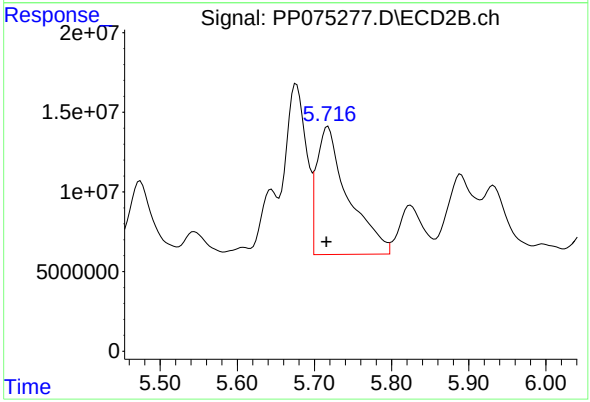
#25 AR-1248-5

R.T.: 6.723 min
Delta R.T.: 0.005 min
Response: 29807919
Conc: 504.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#25 AR-1248-5

R.T.: 5.718 min
Delta R.T.: 0.002 min
Response: 227795946
Conc: 557.54 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 19:40
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 05:12:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 05:07:55 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...	4.660	3.799	68095844	321.3E6	52.042	52.664
2)	SA Decachlor...	10.441	8.804	51811352	358.5E6	51.939	59.429m
	Target Compounds						
26)	L6 AR-1254-1	6.659	5.678	28467743	276.6E6	443.257m	554.578 #
27)	L6 AR-1254-2	6.876	5.826	43938129	209.1E6	511.302	523.737
28)	L6 AR-1254-3	7.238	6.227	46807513	363.2E6	506.453	546.317
29)	L6 AR-1254-4	7.520	6.454	36595686	272.7E6	512.909	552.441
30)	L6 AR-1254-5	7.936	6.870	43699326	290.3E6	534.174	508.619

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 19:40
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

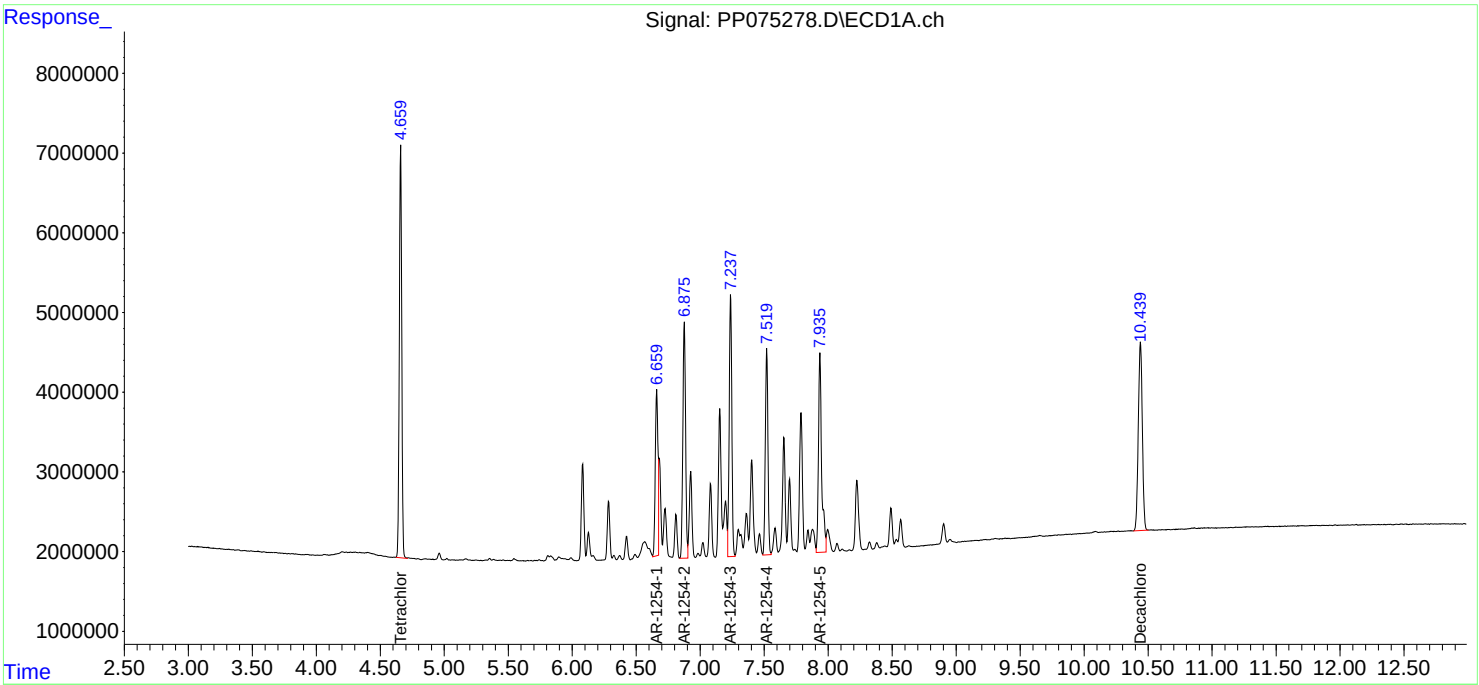
Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1254

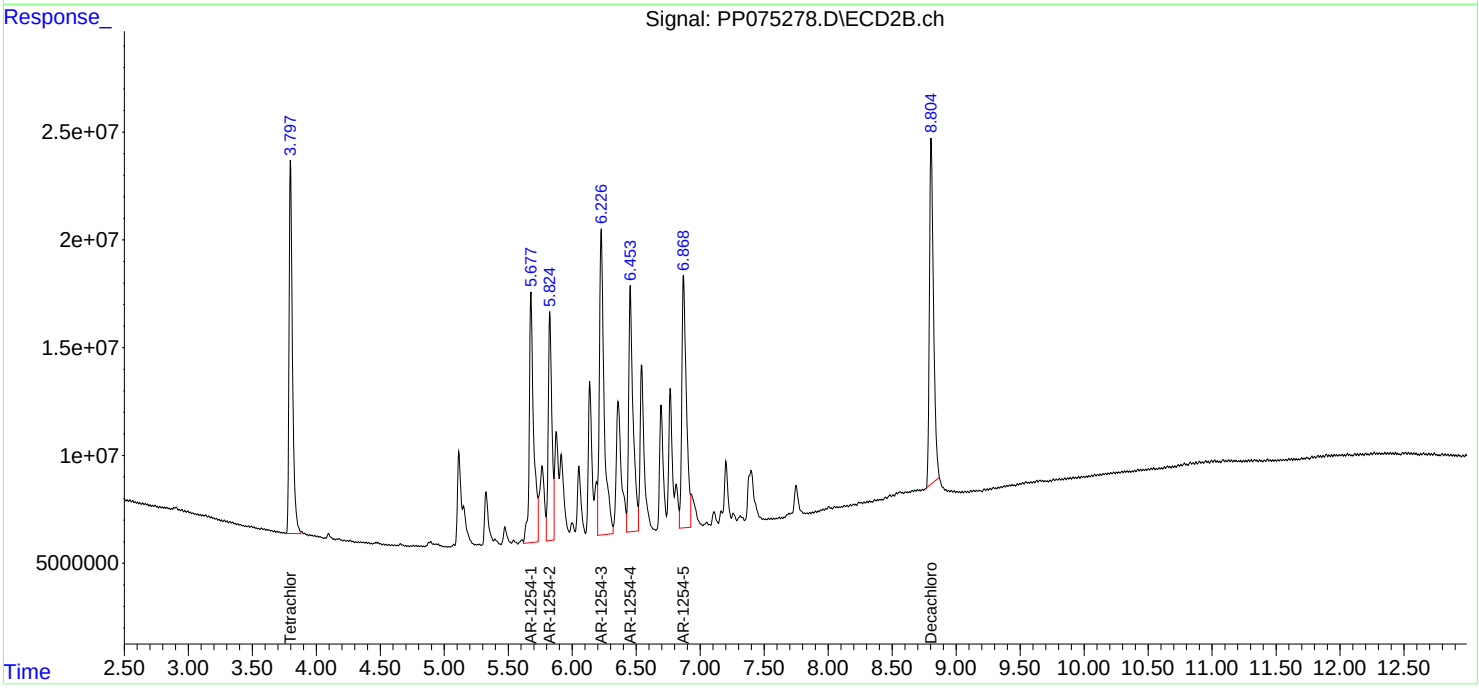
Manual Integrations APPROVED

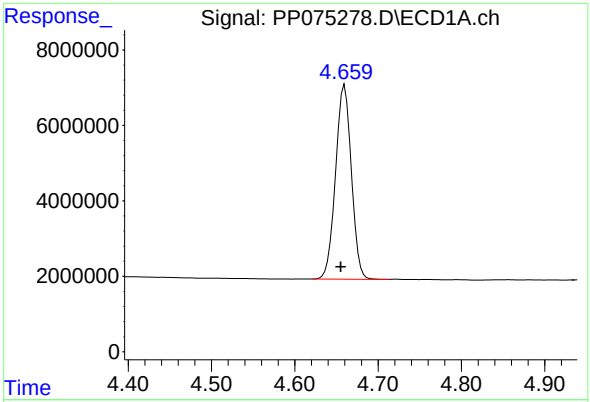
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 05:12:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 05:07:55 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







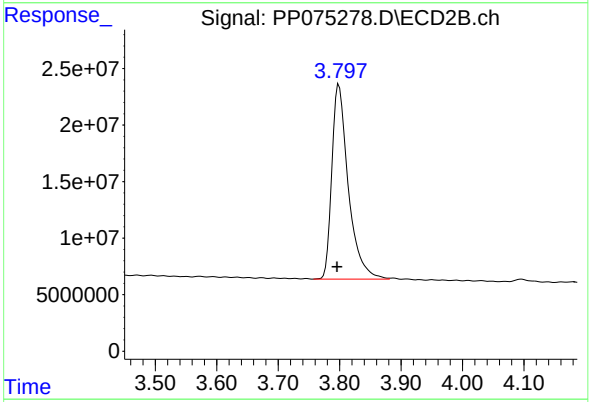
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.005 min
Response: 68095844
Conc: 52.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1254

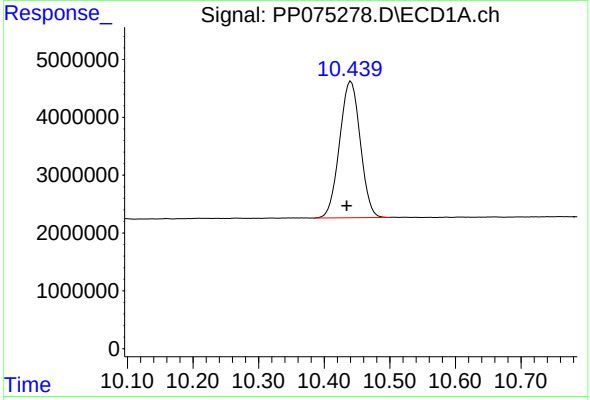
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



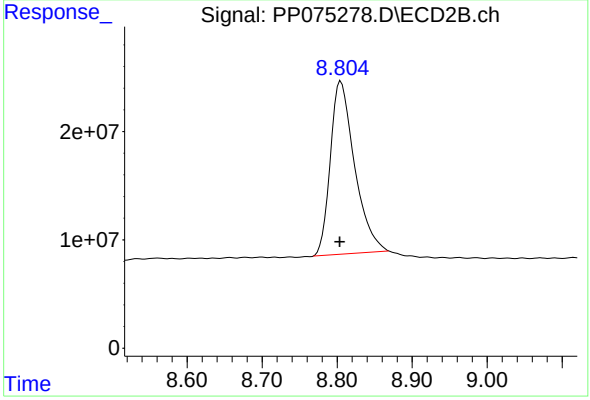
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.003 min
Response: 321296251
Conc: 52.66 ng/ml



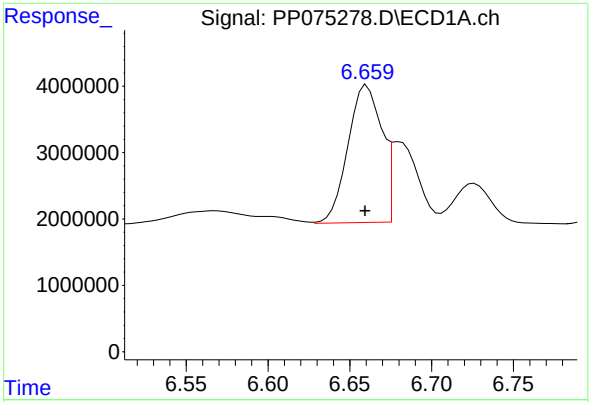
#2 Decachlorobiphenyl

R.T.: 10.441 min
Delta R.T.: 0.006 min
Response: 51811352
Conc: 51.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 358504884
Conc: 59.43 ng/ml m



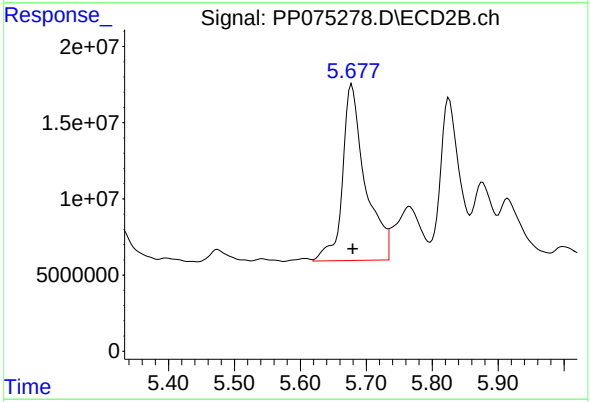
#26 AR-1254-1

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 28467743
Conc: 443.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1254

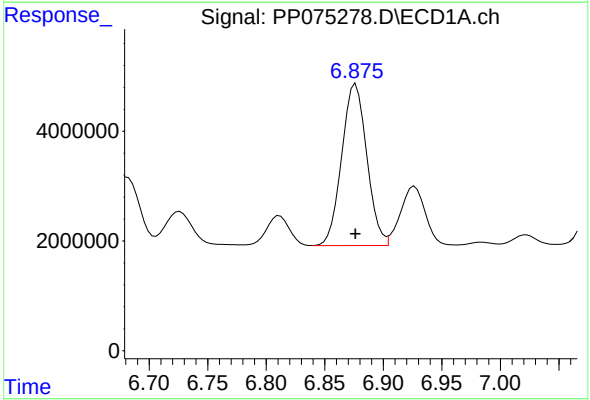
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



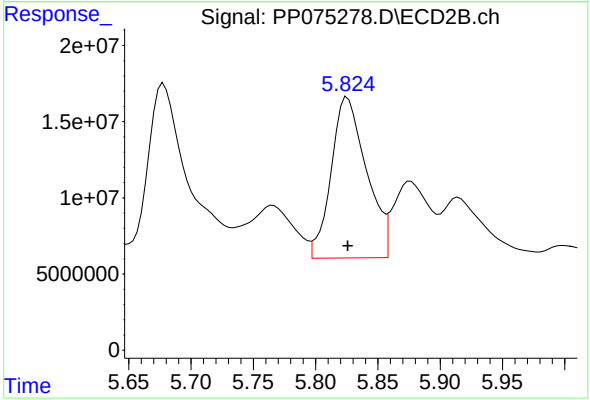
#26 AR-1254-1

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 276624835
Conc: 554.58 ng/ml



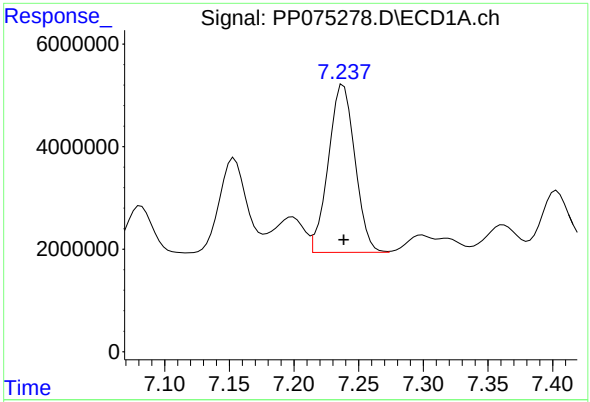
#27 AR-1254-2

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 43938129
Conc: 511.30 ng/ml



#27 AR-1254-2

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 209067406
Conc: 523.74 ng/ml



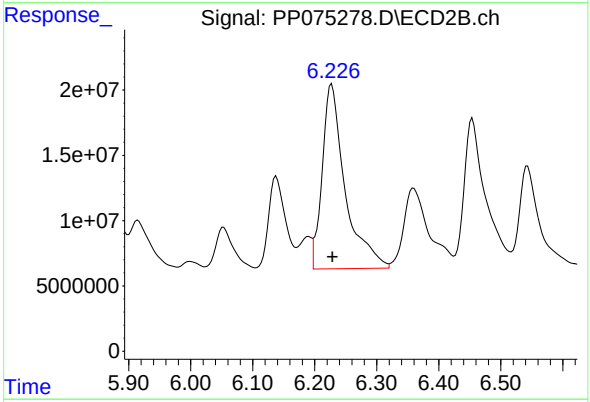
#28 AR-1254-3

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 46807513
Conc: 506.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1254

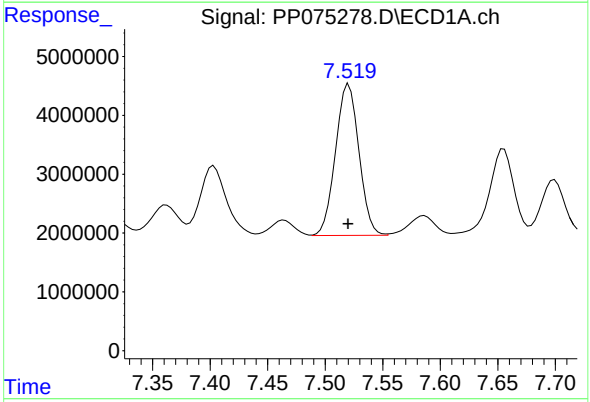
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



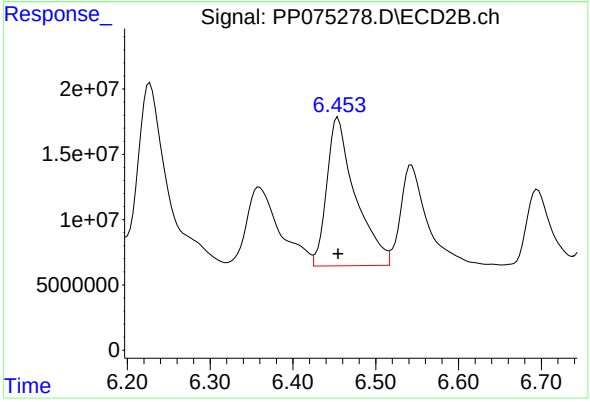
#28 AR-1254-3

R.T.: 6.227 min
Delta R.T.: -0.001 min
Response: 363150092
Conc: 546.32 ng/ml



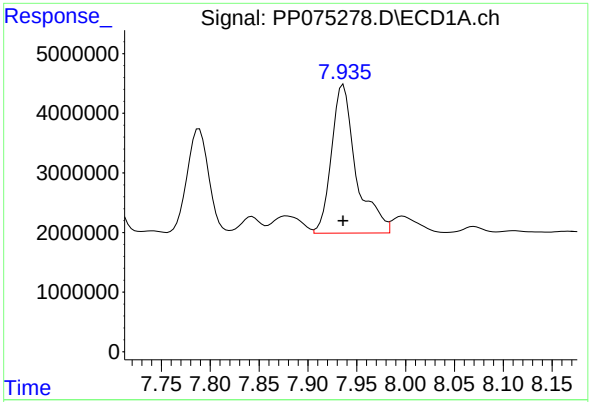
#29 AR-1254-4

R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 36595686
Conc: 512.91 ng/ml



#29 AR-1254-4

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 272711111
Conc: 552.44 ng/ml



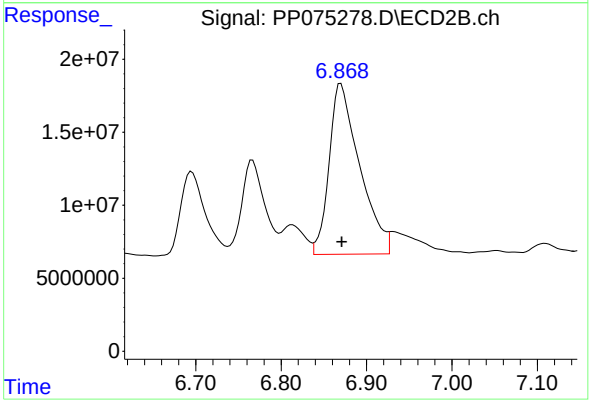
#30 AR-1254-5

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 43699326
Conc: 534.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1254

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#30 AR-1254-5

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 290265404
Conc: 508.62 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 19:57
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 04:47:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.799	71353406	332.9E6	53.960	55.485
2)	SA Decachlor...	10.440	8.804	92871605	696.3E6	53.411	59.581m
	Target Compounds						
41)	L9 AR-1268-1	8.890	7.689	89479292	799.5E6	552.483	554.201
42)	L9 AR-1268-2	8.985	7.753	81657272	782.2E6	550.399	560.767
43)	L9 AR-1268-3	9.226	7.960	67147736	596.0E6	541.127	546.351
44)	L9 AR-1268-4	9.653	8.246	31706205	236.0E6	531.741	524.416
45)	L9 AR-1268-5	10.085	8.544	206.8E6	1813.0E6	532.693	596.714

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 19:57
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

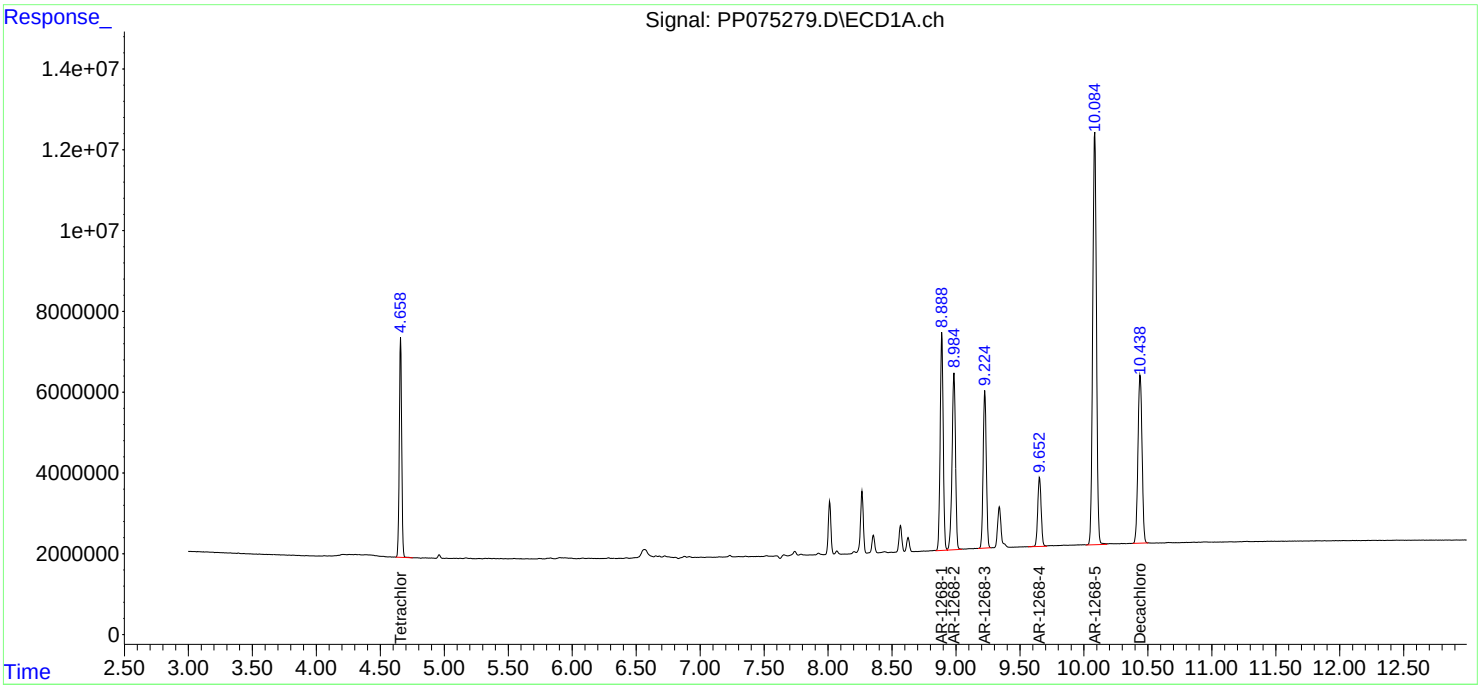
Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1268

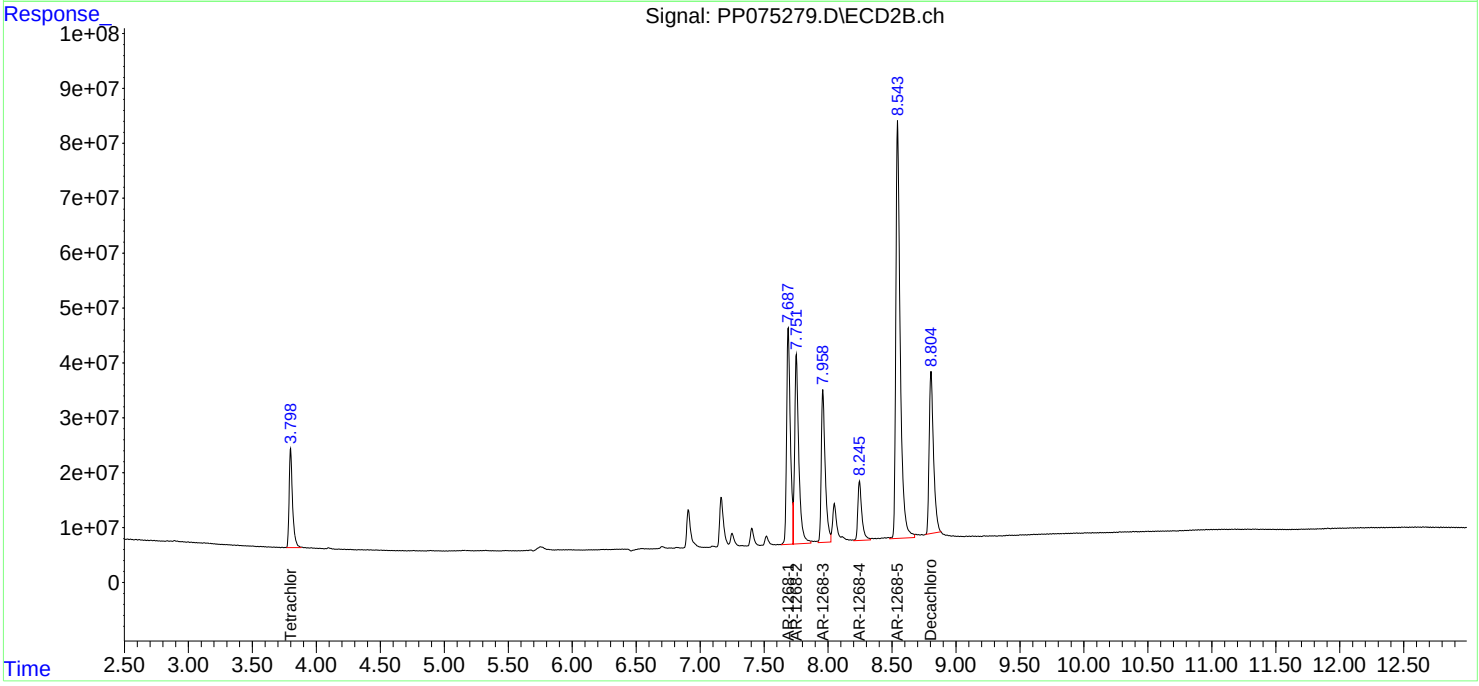
Manual Integrations APPROVED

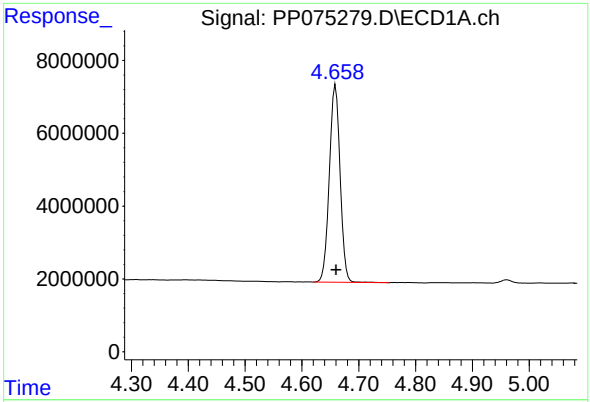
Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 04:47:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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







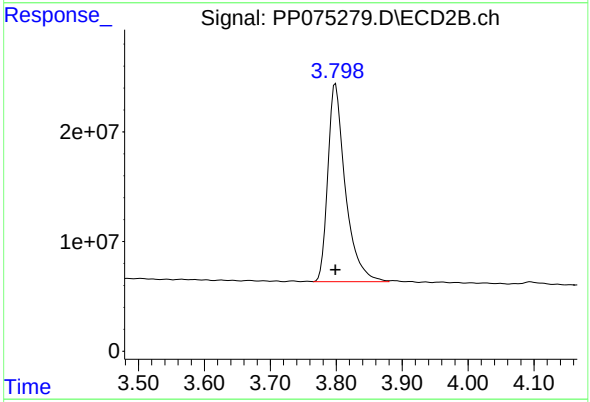
#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 71353406
Conc: 53.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1268

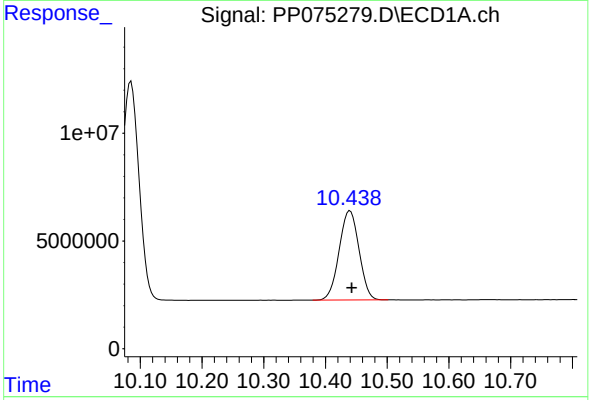
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



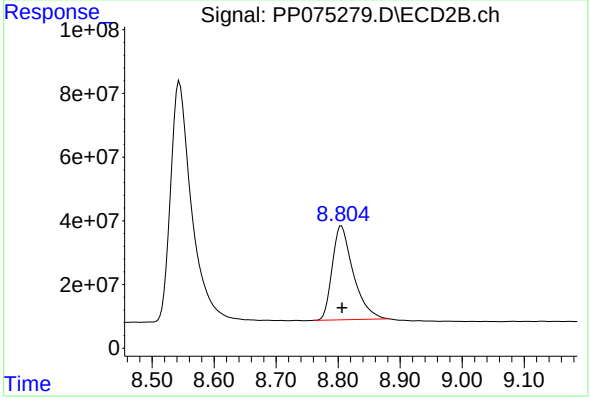
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 332881910
Conc: 55.49 ng/ml



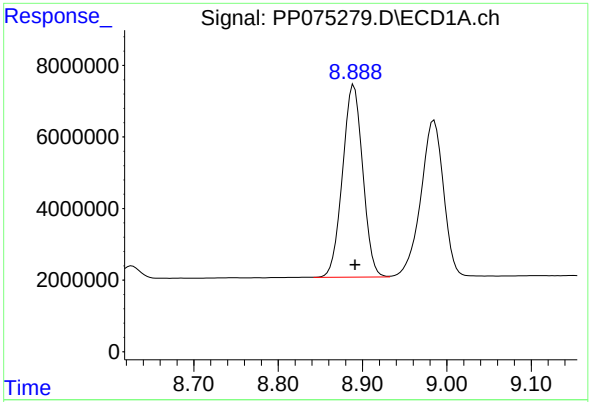
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: -0.003 min
Response: 92871605
Conc: 53.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.804 min
Delta R.T.: -0.003 min
Response: 696275481
Conc: 59.58 ng/ml m



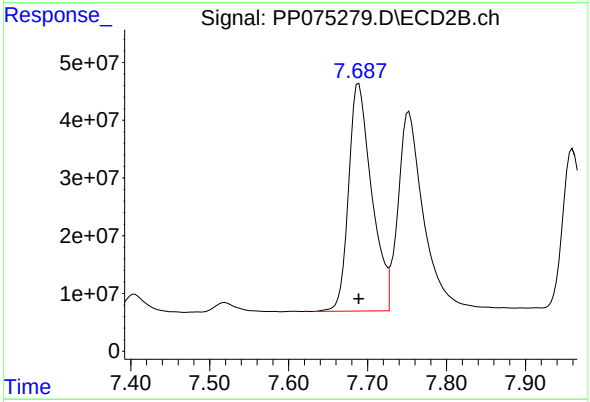
#41 AR-1268-1

R.T.: 8.890 min
Delta R.T.: -0.001 min
Response: 89479292
Conc: 552.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1268

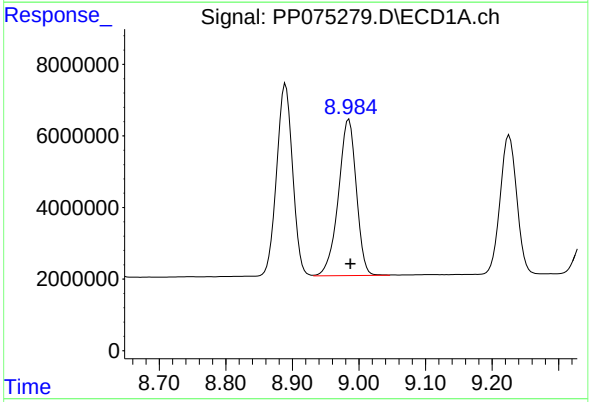
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



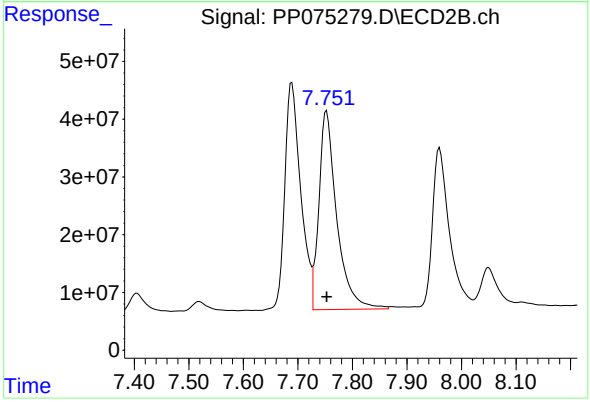
#41 AR-1268-1

R.T.: 7.689 min
Delta R.T.: 0.000 min
Response: 799509513
Conc: 554.20 ng/ml



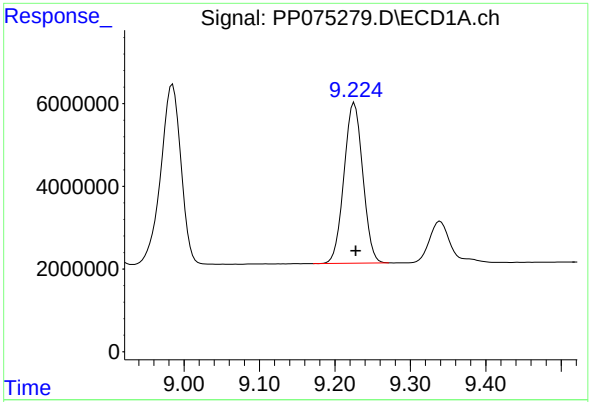
#42 AR-1268-2

R.T.: 8.985 min
Delta R.T.: -0.002 min
Response: 81657272
Conc: 550.40 ng/ml



#42 AR-1268-2

R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 782164395
Conc: 560.77 ng/ml



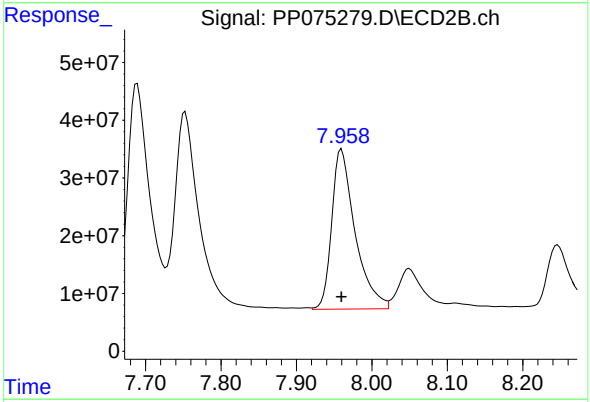
#43 AR-1268-3

R.T.: 9.226 min
Delta R.T.: -0.002 min
Response: 67147736
Conc: 541.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1268

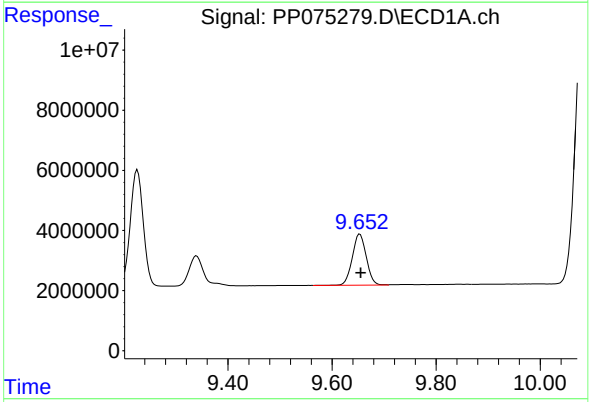
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



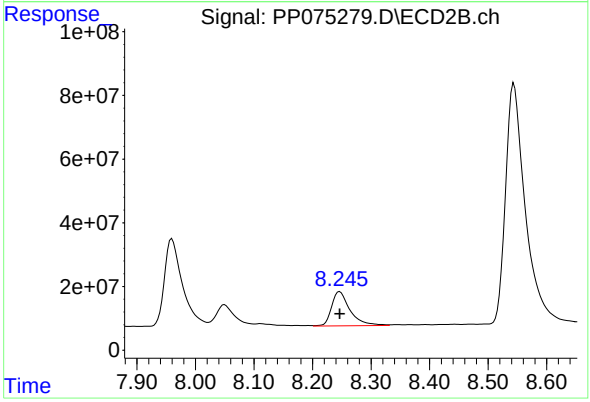
#43 AR-1268-3

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 596026528
Conc: 546.35 ng/ml



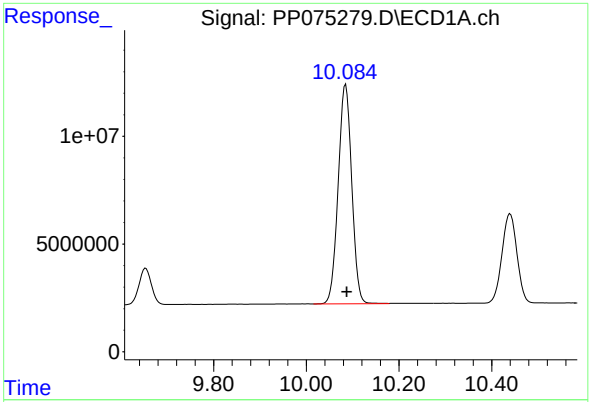
#44 AR-1268-4

R.T.: 9.653 min
Delta R.T.: -0.002 min
Response: 31706205
Conc: 531.74 ng/ml



#44 AR-1268-4

R.T.: 8.246 min
Delta R.T.: 0.000 min
Response: 235964707
Conc: 524.42 ng/ml



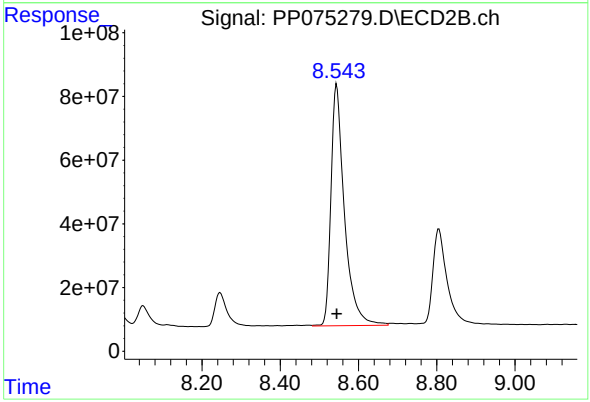
#45 AR-1268-5

R.T.: 10.085 min
Delta R.T.: -0.002 min
Response: 206788671
Conc: 532.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#45 AR-1268-5

R.T.: 8.544 min
Delta R.T.: 0.000 min
Response: 1812996598
Conc: 596.71 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/25/2025 **Initial Calibration Date(s):** 09/15/2025 09/15/2025

Continuing Calib Time: 15:17 **Initial Calibration Time(s):** 09:34 19:21

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)	4.74	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)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.00
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/25/2025 **Initial Calibration Date(s):** 09/15/2025 09/15/2025

Continuing Calib Time: 15:17 **Initial Calibration Time(s):** 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114029.D **Time Analyzed:** 15:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.740	4.643	4.843	499.890	500.000	0.0
Aroclor-1016-2	4.759	4.661	4.861	510.650	500.000	2.1
Aroclor-1016-3	4.816	4.718	4.918	487.530	500.000	-2.5
Aroclor-1016-4	4.935	4.837	5.037	482.840	500.000	-3.4
Aroclor-1016-5	5.192	5.093	5.293	548.620	500.000	9.7
Aroclor-1260-1	6.226	6.129	6.329	479.650	500.000	-4.1
Aroclor-1260-2	6.416	6.319	6.519	438.800	500.000	-12.2
Aroclor-1260-3	6.781	6.683	6.883	425.960	500.000	-14.8
Aroclor-1260-4	7.040	6.941	7.141	459.650	500.000	-8.1
Aroclor-1260-5	7.283	7.185	7.385	474.860	500.000	-5.0
Decachlorobiphenyl	8.666	8.570	8.770	43.160	50.000	-13.7
Tetrachloro-m-xylene	3.659	3.560	3.760	54.530	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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114029.D **Time Analyzed:** 15:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.721	4.623	4.823	497.510	500.000	-0.5
Aroclor-1016-2	4.739	4.641	4.841	495.760	500.000	-0.8
Aroclor-1016-3	4.913	4.816	5.016	490.970	500.000	-1.8
Aroclor-1016-4	4.956	4.858	5.058	493.200	500.000	-1.4
Aroclor-1016-5	5.167	5.070	5.270	509.920	500.000	2.0
Aroclor-1260-1	6.193	6.096	6.296	440.480	500.000	-11.9
Aroclor-1260-2	6.382	6.284	6.484	422.710	500.000	-15.5
Aroclor-1260-3	6.532	6.435	6.635	406.260	500.000	-18.7
Aroclor-1260-4	7.001	6.903	7.103	410.090	500.000	-18.0
Aroclor-1260-5	7.244	7.146	7.346	411.330	500.000	-17.7
Decachlorobiphenyl	8.612	8.514	8.714	46.290	50.000	-7.4
Tetrachloro-m-xylene	3.651	3.551	3.751	53.260	50.000	6.5

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092525\
Data File : PO114029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 15:17
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: Sep 26 02:35:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.651	480.9E6	284.5E6	54.526	53.259
2)	SA Decachlor...	8.666	8.612	288.8E6	96646740	43.160	46.292
	Target Compounds						
3)	L1 AR-1016-1	4.740	4.721	151.7E6	90667403	499.887	497.512
4)	L1 AR-1016-2	4.759	4.739	232.4E6	137.2E6	510.646	495.758
5)	L1 AR-1016-3	4.816	4.913	145.9E6	73323970	487.533	490.975
6)	L1 AR-1016-4	4.935	4.956	116.1E6	59533741	482.838	493.199
7)	L1 AR-1016-5	5.192	5.167	131.7E6	76521358	548.618	509.918
31)	L7 AR-1260-1	6.226	6.193	235.1E6	110.7E6	479.654	440.484
32)	L7 AR-1260-2	6.416	6.382	336.1E6	139.8E6	438.803	422.713
33)	L7 AR-1260-3	6.781	6.532	286.6E6	113.9E6	425.959	406.261
34)	L7 AR-1260-4	7.040	7.001	198.9E6	78414455	459.648	410.093
35)	L7 AR-1260-5	7.283	7.244	537.9E6	175.1E6	474.857	411.331

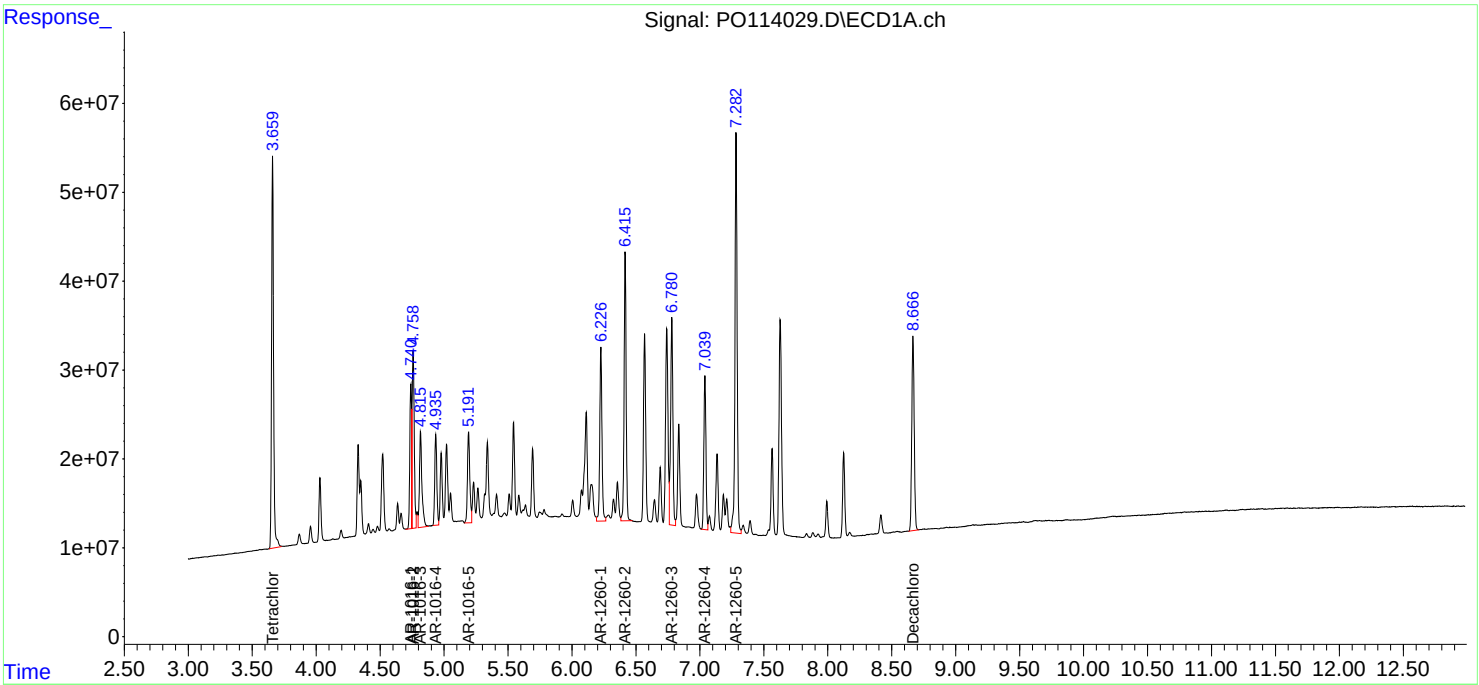
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

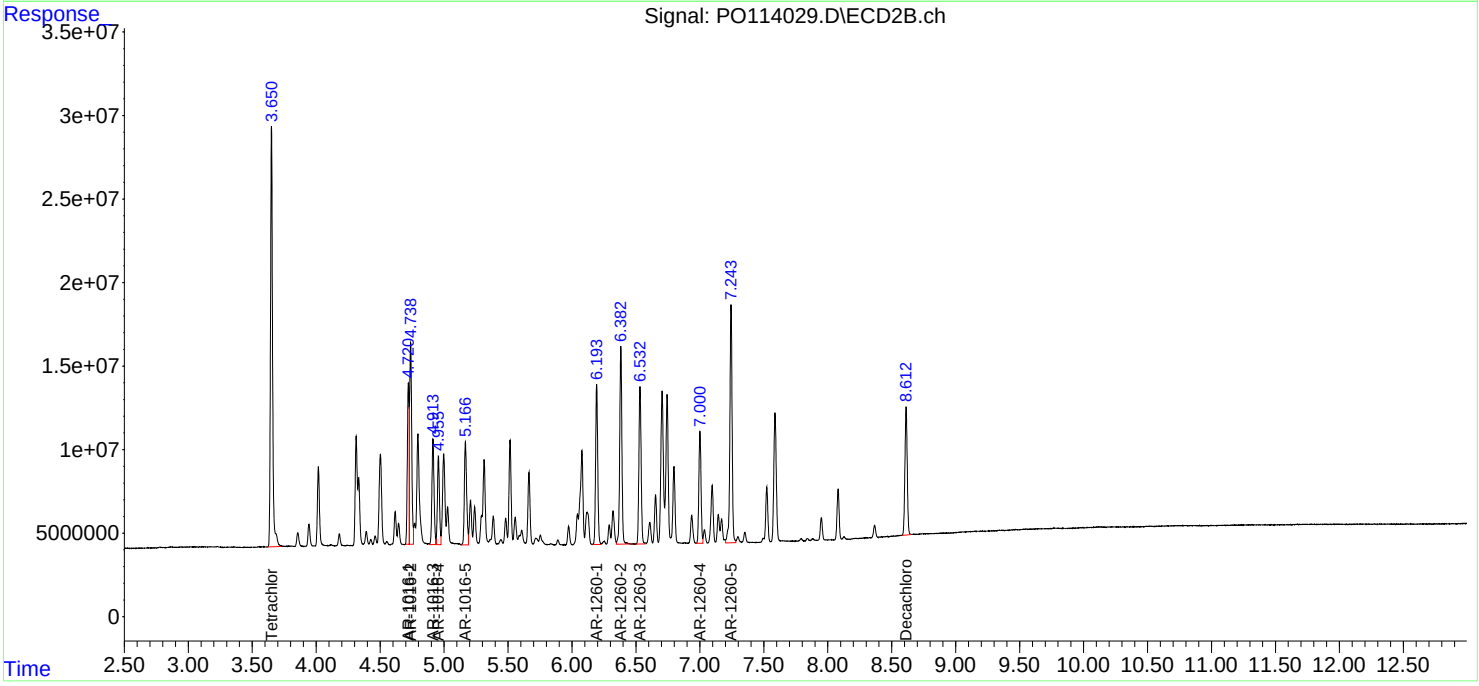
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092525\
Data File : PO114029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 15:17
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

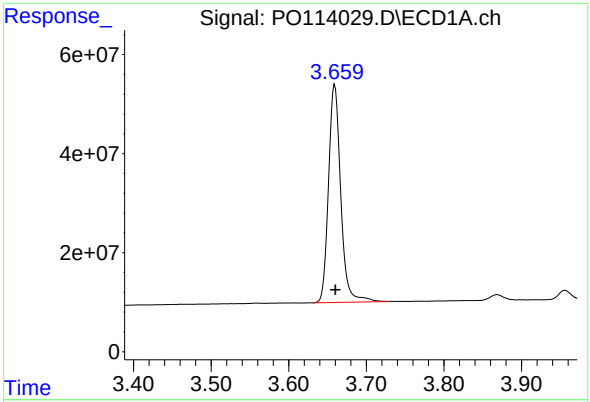
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 02:35:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



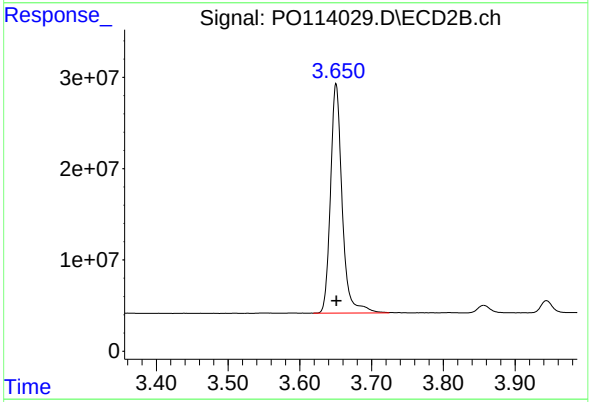




#1 Tetrachloro-m-xylene

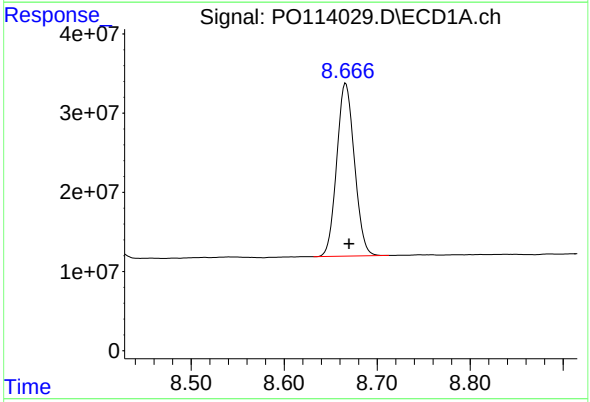
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 480900813
Conc: 54.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



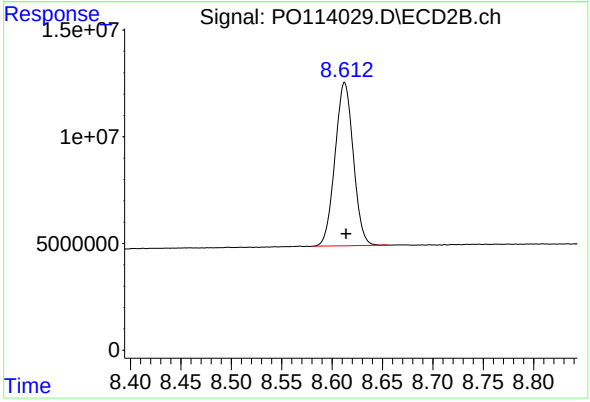
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 284457230
Conc: 53.26 ng/ml



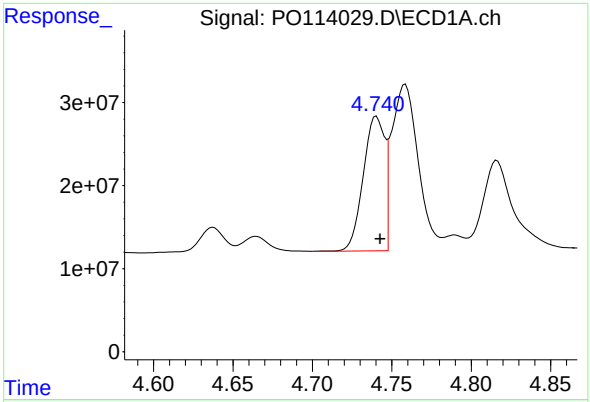
#2 Decachlorobiphenyl

R.T.: 8.666 min
Delta R.T.: -0.004 min
Response: 288753613
Conc: 43.16 ng/ml



#2 Decachlorobiphenyl

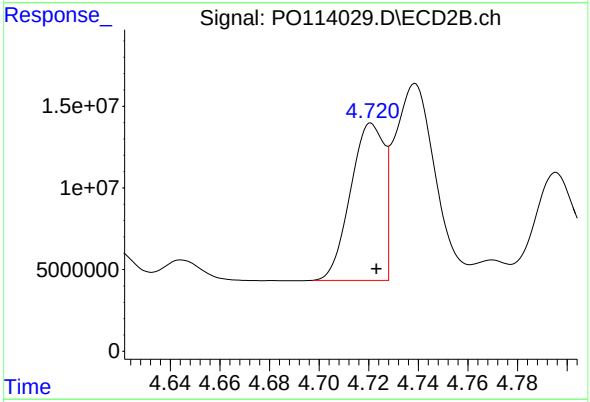
R.T.: 8.612 min
Delta R.T.: -0.001 min
Response: 96646740
Conc: 46.29 ng/ml



#3 AR-1016-1

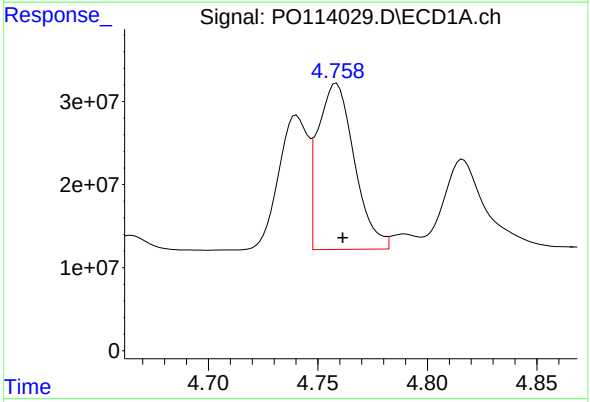
R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 151722458
Conc: 499.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



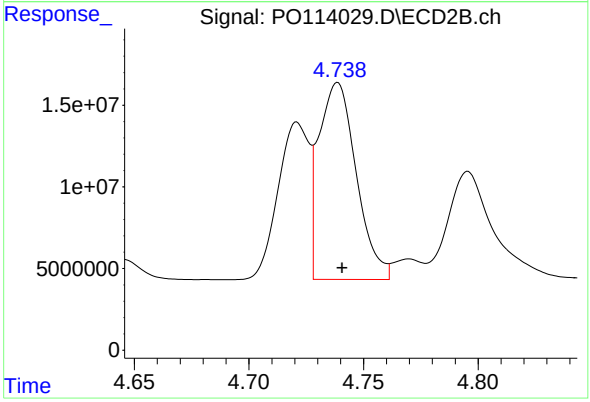
#3 AR-1016-1

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 90667403
Conc: 497.51 ng/ml



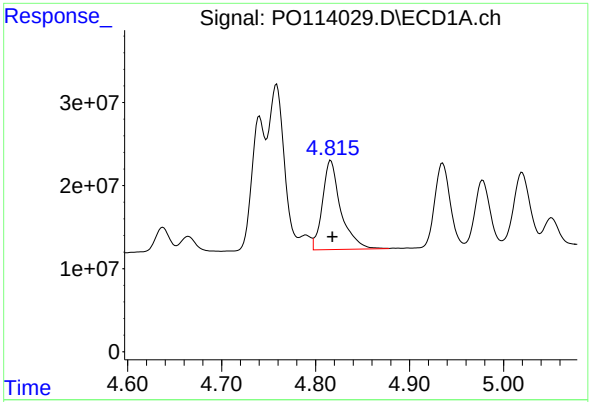
#4 AR-1016-2

R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 232376634
Conc: 510.65 ng/ml



#4 AR-1016-2

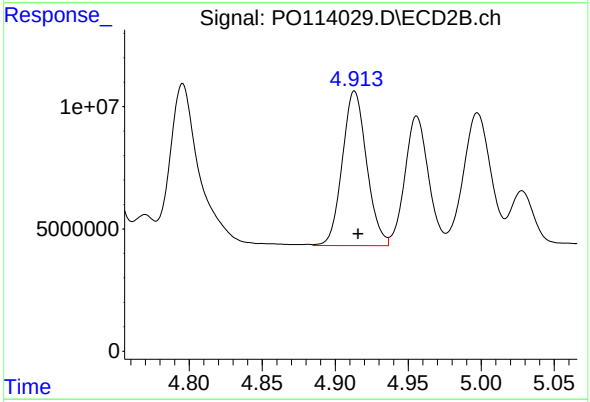
R.T.: 4.739 min
Delta R.T.: -0.002 min
Response: 137248178
Conc: 495.76 ng/ml



#5 AR-1016-3

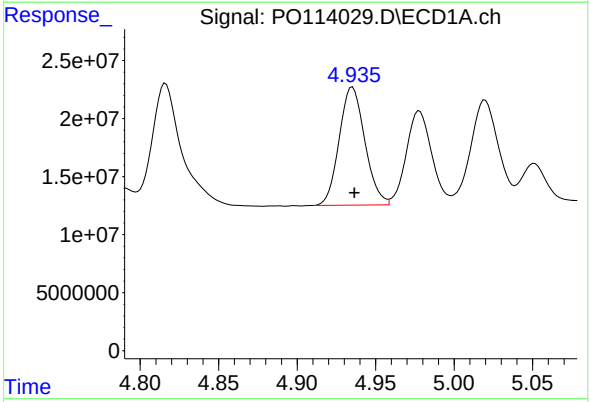
R.T.: 4.816 min
Delta R.T.: -0.002 min
Response: 145874570
Conc: 487.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



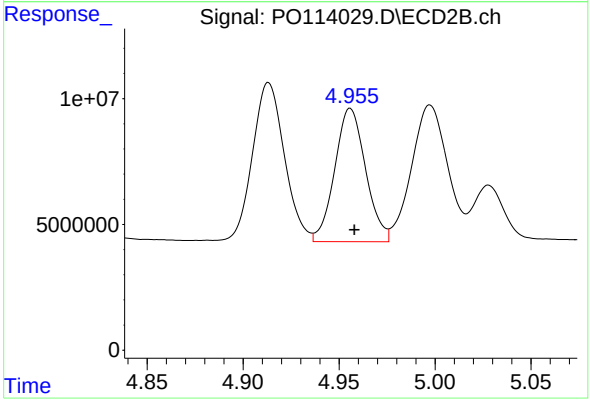
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 73323970
Conc: 490.97 ng/ml



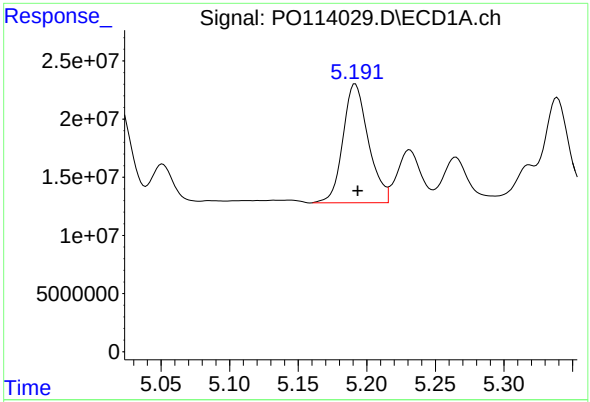
#6 AR-1016-4

R.T.: 4.935 min
Delta R.T.: -0.001 min
Response: 116063858
Conc: 482.84 ng/ml



#6 AR-1016-4

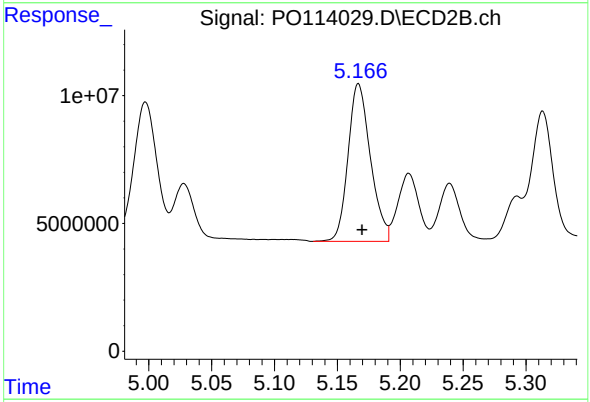
R.T.: 4.956 min
Delta R.T.: -0.002 min
Response: 59533741
Conc: 493.20 ng/ml



#7 AR-1016-5

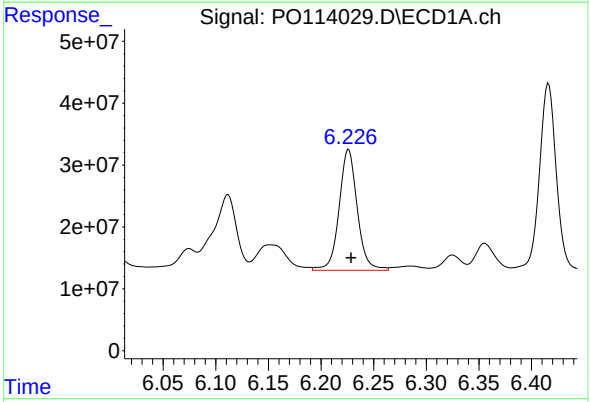
R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 131723565
Conc: 548.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



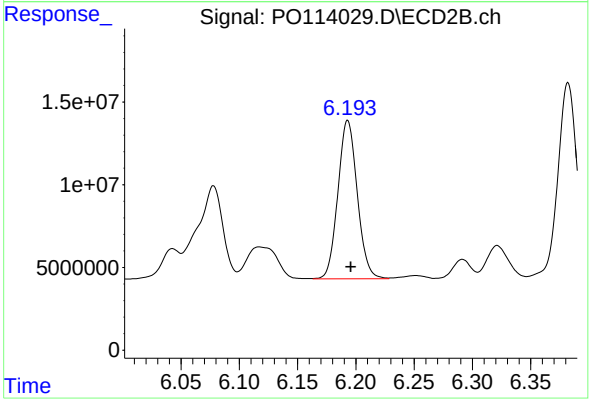
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.003 min
Response: 76521358
Conc: 509.92 ng/ml



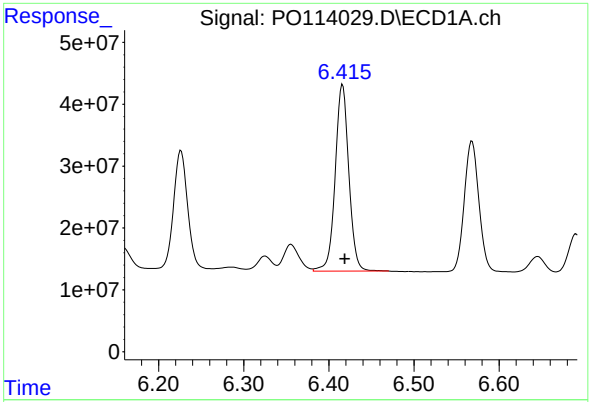
#31 AR-1260-1

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 235127282
Conc: 479.65 ng/ml



#31 AR-1260-1

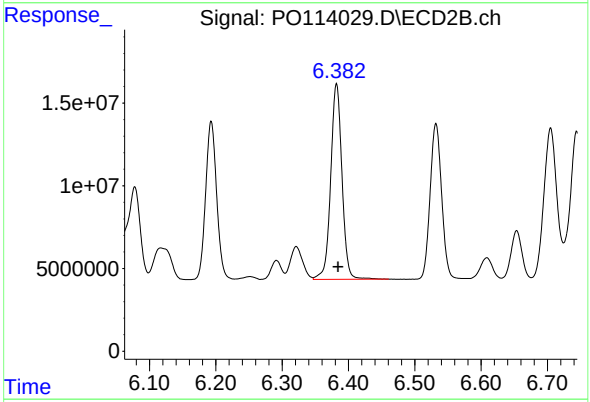
R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 110688912
Conc: 440.48 ng/ml



#32 AR-1260-2

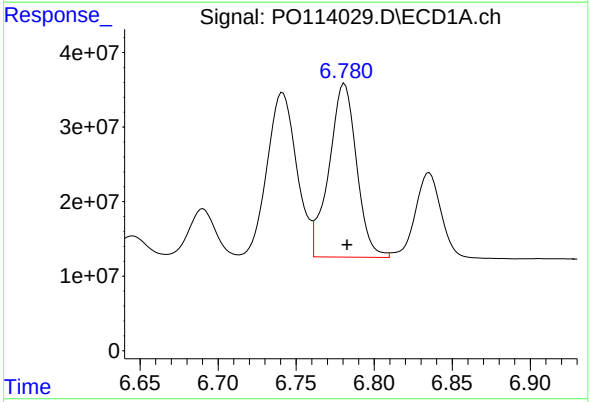
R.T.: 6.416 min
Delta R.T.: -0.002 min
Response: 336052957
Conc: 438.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



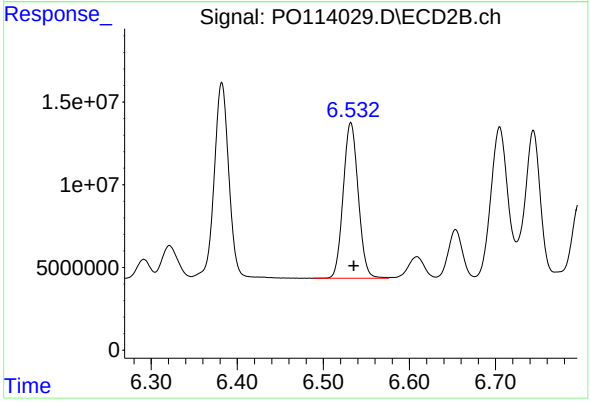
#32 AR-1260-2

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 139752385
Conc: 422.71 ng/ml



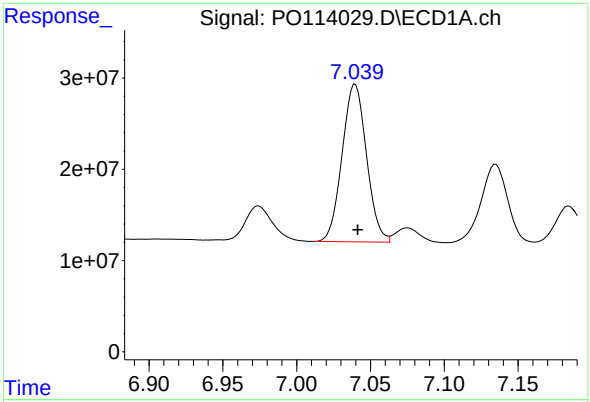
#33 AR-1260-3

R.T.: 6.781 min
Delta R.T.: -0.002 min
Response: 286590011
Conc: 425.96 ng/ml



#33 AR-1260-3

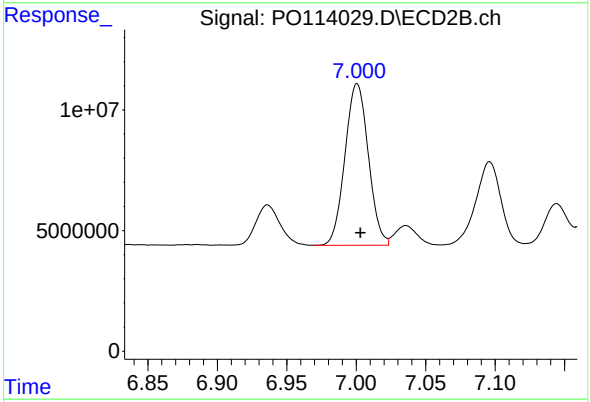
R.T.: 6.532 min
Delta R.T.: -0.003 min
Response: 113898152
Conc: 406.26 ng/ml



#34 AR-1260-4

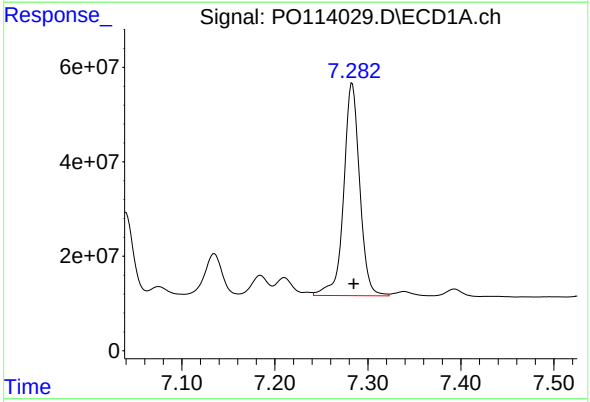
R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 198906123
Conc: 459.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



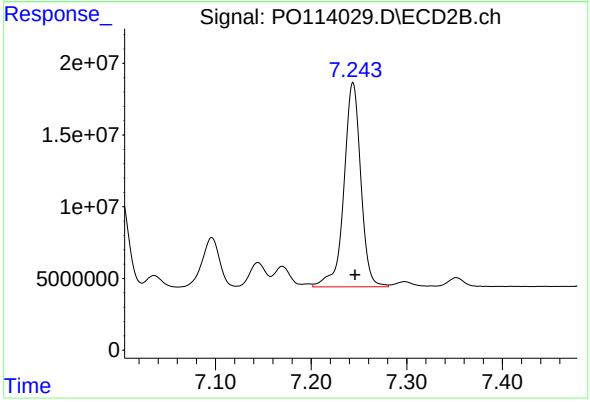
#34 AR-1260-4

R.T.: 7.001 min
Delta R.T.: -0.002 min
Response: 78414455
Conc: 410.09 ng/ml



#35 AR-1260-5

R.T.: 7.283 min
Delta R.T.: -0.002 min
Response: 537920903
Conc: 474.86 ng/ml



#35 AR-1260-5

R.T.: 7.244 min
Delta R.T.: -0.002 min
Response: 175095044
Conc: 411.33 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/25/2025 **Initial Calibration Date(s):** 09/15/2025 09/15/2025

Continuing Calib Time: 20:06 **Initial Calibration Time(s):** 09:34 19:21

GC Column: ZB-MR1 **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)	4.82	4.82	4.72	4.92	0.00
Aroclor-1016-4	(4)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.00
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.67	8.67	8.57	8.77	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/25/2025 **Initial Calibration Date(s):** 09/15/2025 09/15/2025

Continuing Calib Time: 20:06 **Initial Calibration Time(s):** 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114043.D **Time Analyzed:** 20:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.740	4.643	4.843	526.480	500.000	5.3
Aroclor-1016-2	4.758	4.661	4.861	528.990	500.000	5.8
Aroclor-1016-3	4.816	4.718	4.918	512.580	500.000	2.5
Aroclor-1016-4	4.935	4.837	5.037	514.840	500.000	3.0
Aroclor-1016-5	5.192	5.093	5.293	573.940	500.000	14.8
Aroclor-1260-1	6.227	6.129	6.329	551.050	500.000	10.2
Aroclor-1260-2	6.417	6.319	6.519	523.960	500.000	4.8
Aroclor-1260-3	6.781	6.683	6.883	522.580	500.000	4.5
Aroclor-1260-4	7.040	6.941	7.141	570.000	500.000	14.0
Aroclor-1260-5	7.284	7.185	7.385	578.240	500.000	15.6
Decachlorobiphenyl	8.669	8.570	8.770	52.050	50.000	4.1
Tetrachloro-m-xylene	3.658	3.560	3.760	55.090	50.000	10.2

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114043.D **Time Analyzed:** 20:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.720	4.623	4.823	508.250	500.000	1.7
Aroclor-1016-2	4.738	4.641	4.841	511.250	500.000	2.3
Aroclor-1016-3	4.913	4.816	5.016	516.910	500.000	3.4
Aroclor-1016-4	4.955	4.858	5.058	512.890	500.000	2.6
Aroclor-1016-5	5.167	5.070	5.270	528.350	500.000	5.7
Aroclor-1260-1	6.193	6.096	6.296	491.140	500.000	-1.8
Aroclor-1260-2	6.381	6.284	6.484	473.990	500.000	-5.2
Aroclor-1260-3	6.532	6.435	6.635	460.910	500.000	-7.8
Aroclor-1260-4	7.001	6.903	7.103	475.260	500.000	-4.9
Aroclor-1260-5	7.244	7.146	7.346	469.730	500.000	-6.1
Decachlorobiphenyl	8.613	8.514	8.714	51.700	50.000	3.4
Tetrachloro-m-xylene	3.649	3.551	3.751	53.920	50.000	7.8

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092525\
Data File : PO114043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 20:06
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: Sep 26 02:39:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.658	3.649	485.9E6	288.0E6	55.095	53.922
2)	SA Decachlor...	8.669	8.613	348.3E6	107.9E6	52.054	51.700
	Target Compounds						
3)	L1 AR-1016-1	4.740	4.720	159.8E6	92624746	526.479	508.253
4)	L1 AR-1016-2	4.758	4.738	240.7E6	141.5E6	528.986	511.254
5)	L1 AR-1016-3	4.816	4.913	153.4E6	77197431	512.575	516.911
6)	L1 AR-1016-4	4.935	4.955	123.8E6	61910177	514.839	512.886
7)	L1 AR-1016-5	5.192	5.167	137.8E6	79287687	573.937	528.352
31)	L7 AR-1260-1	6.227	6.193	270.1E6	123.4E6	551.048	491.141
32)	L7 AR-1260-2	6.417	6.381	401.3E6	156.7E6	523.959	473.986
33)	L7 AR-1260-3	6.781	6.532	351.6E6	129.2E6	522.580	460.914
34)	L7 AR-1260-4	7.040	7.001	246.7E6	90874802	569.999	475.259
35)	L7 AR-1260-5	7.284	7.244	655.0E6	200.0E6	578.240	469.731

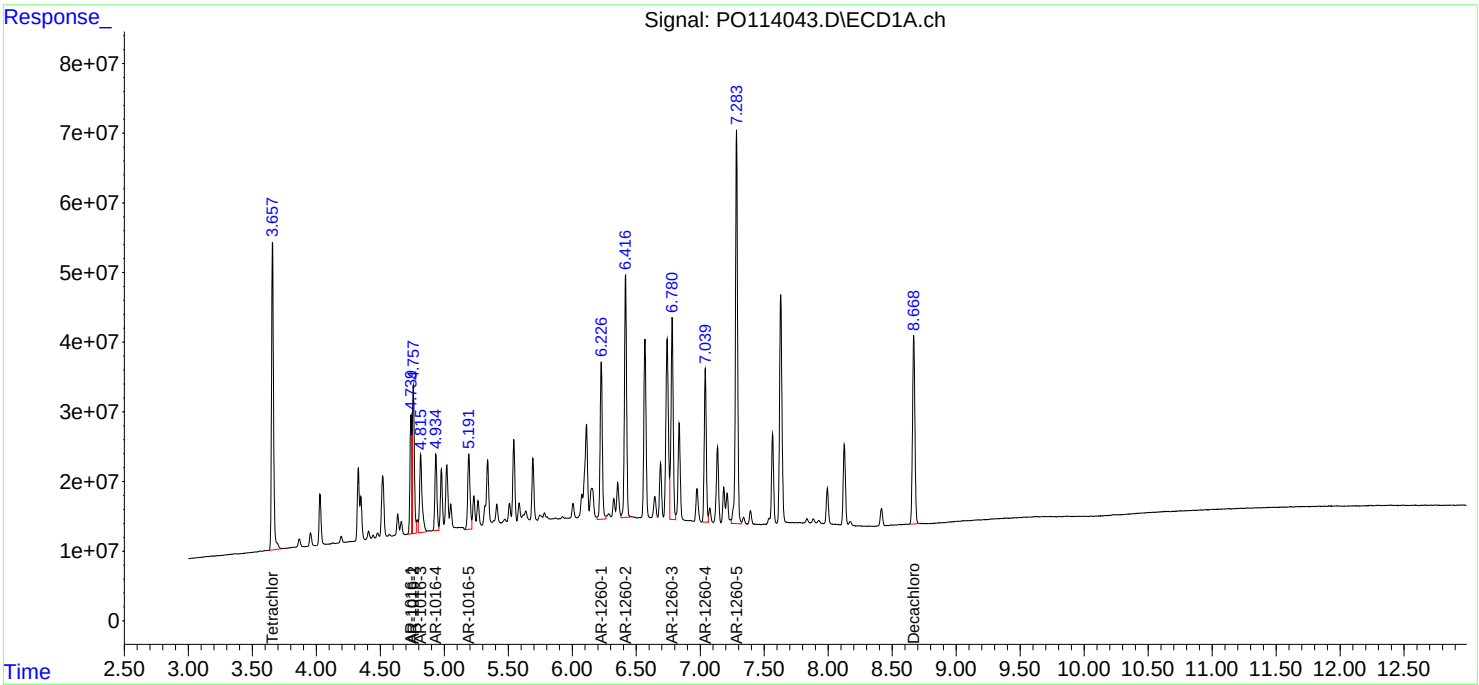
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

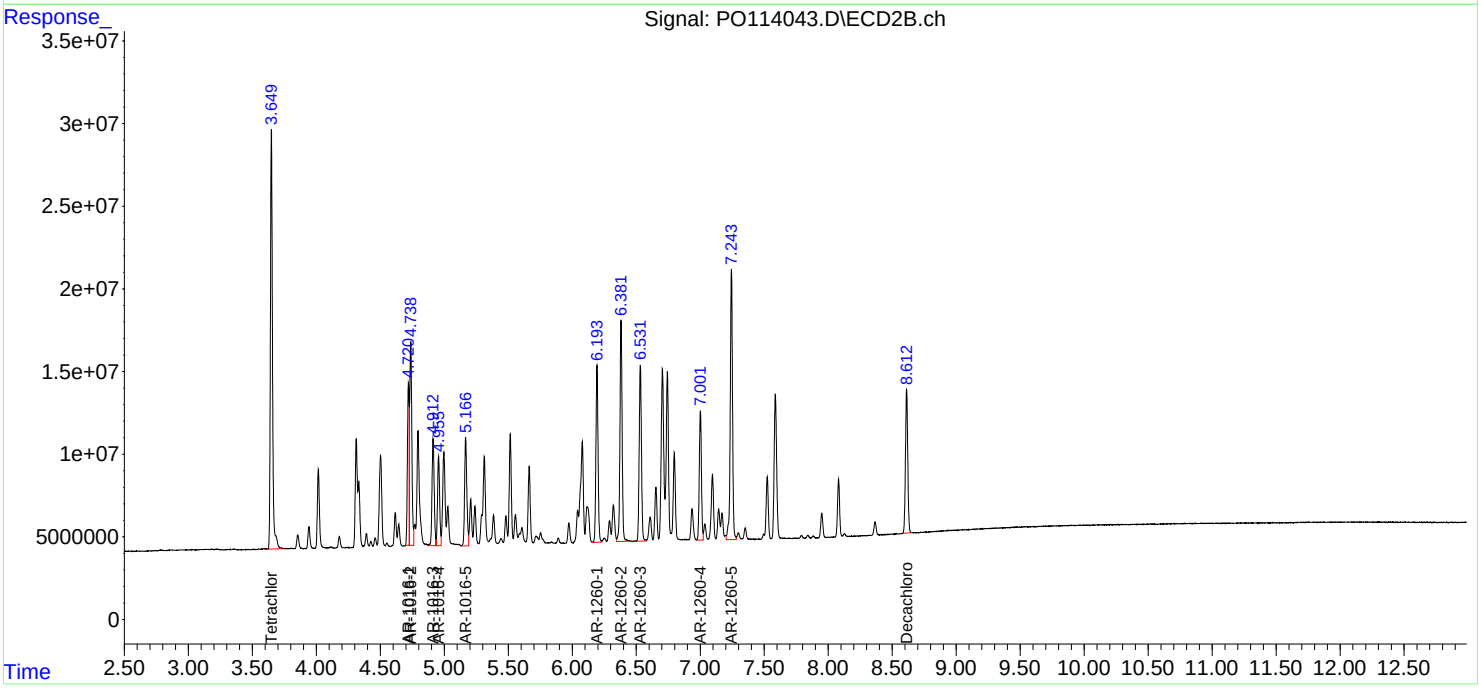
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092525\
Data File : PO114043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 20:06
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

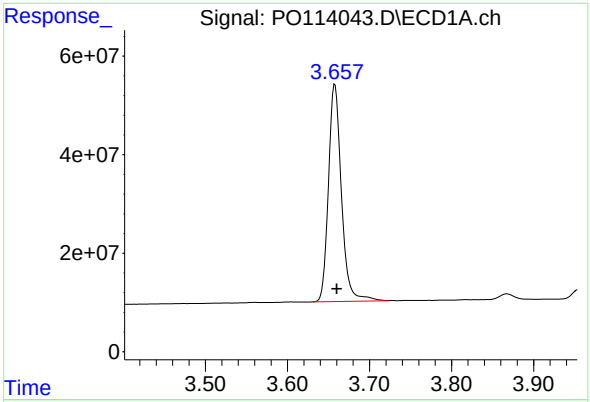
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 02:39:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



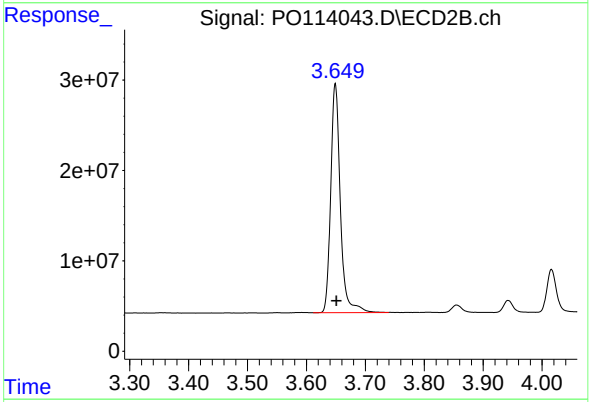




#1 Tetrachloro-m-xylene

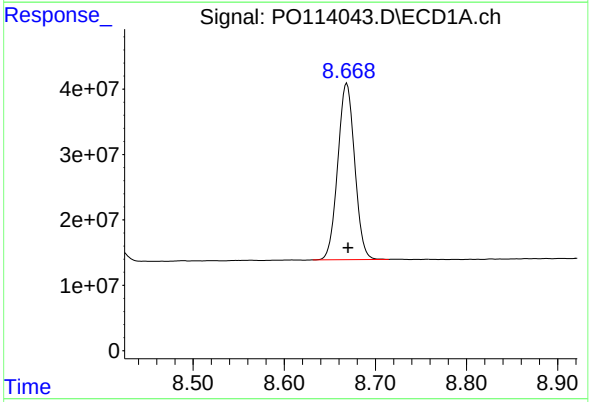
R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 485918335
Conc: 55.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



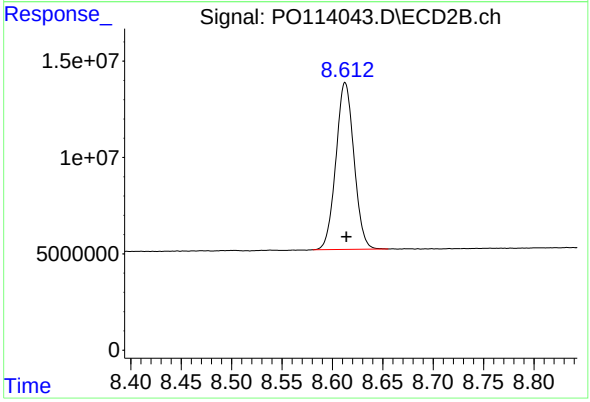
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: -0.002 min
Response: 288000190
Conc: 53.92 ng/ml



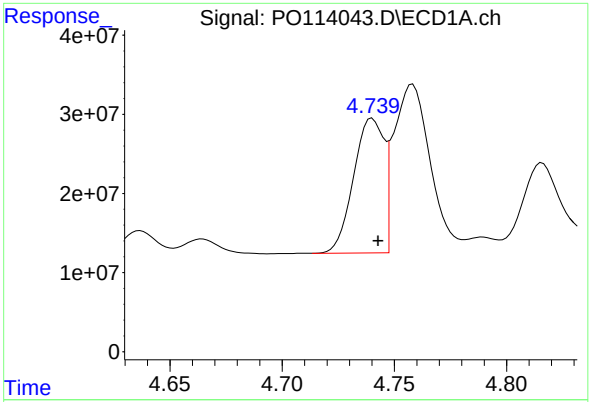
#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: -0.001 min
Response: 348255370
Conc: 52.05 ng/ml



#2 Decachlorobiphenyl

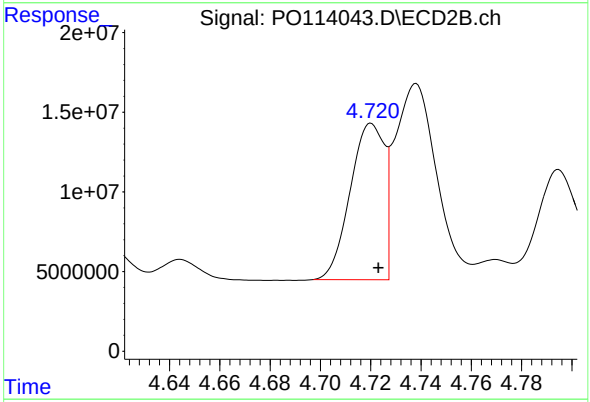
R.T.: 8.613 min
Delta R.T.: -0.001 min
Response: 107936868
Conc: 51.70 ng/ml



#3 AR-1016-1

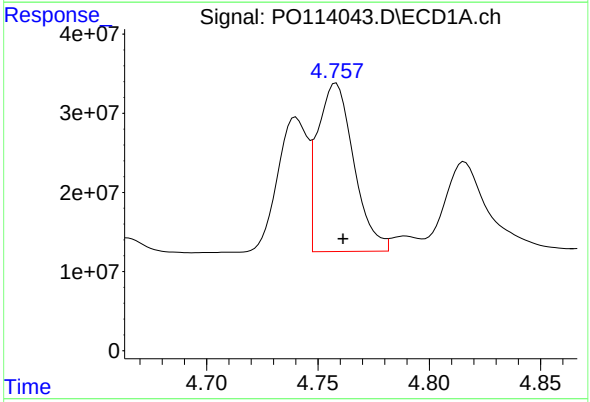
R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 159793627
Conc: 526.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



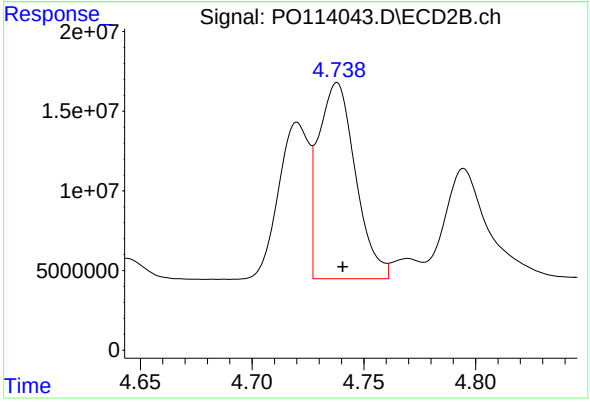
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.003 min
Response: 92624746
Conc: 508.25 ng/ml



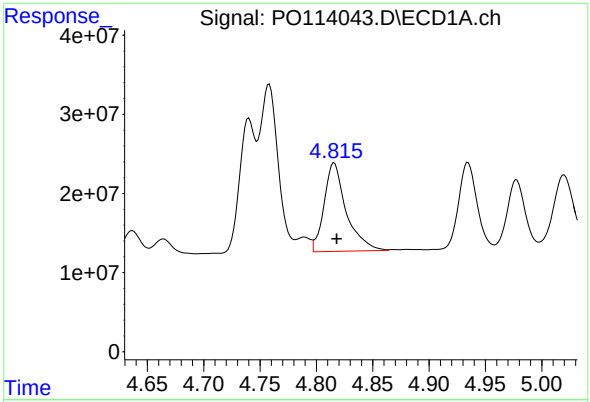
#4 AR-1016-2

R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 240722593
Conc: 528.99 ng/ml



#4 AR-1016-2

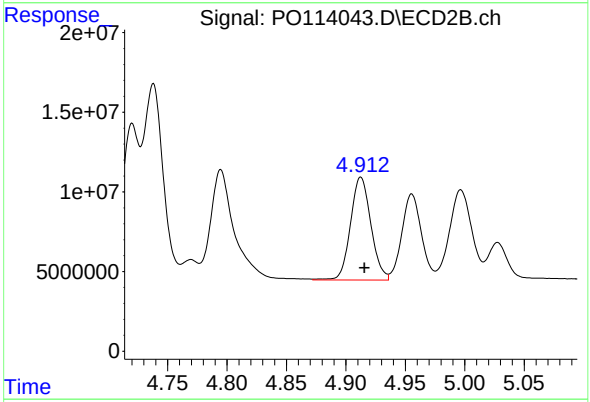
R.T.: 4.738 min
Delta R.T.: -0.003 min
Response: 141538254
Conc: 511.25 ng/ml



#5 AR-1016-3

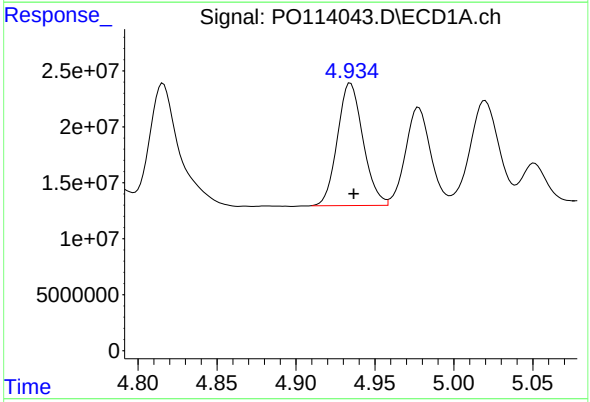
R.T.: 4.816 min
Delta R.T.: -0.002 min
Response: 153367480
Conc: 512.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



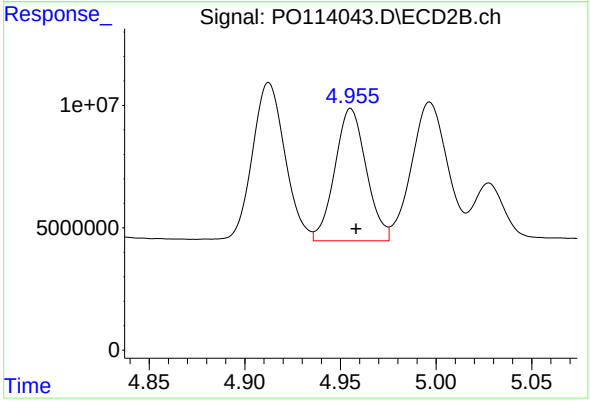
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 77197431
Conc: 516.91 ng/ml



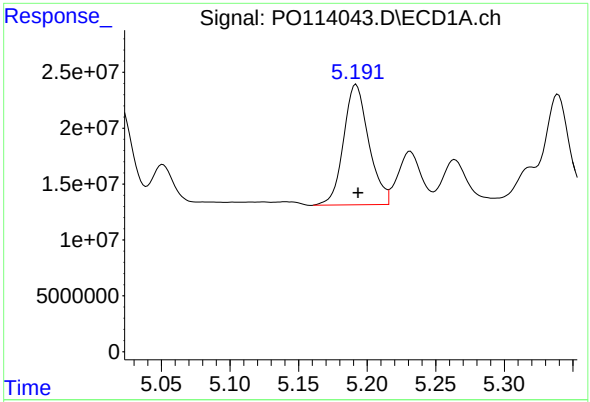
#6 AR-1016-4

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 123756123
Conc: 514.84 ng/ml



#6 AR-1016-4

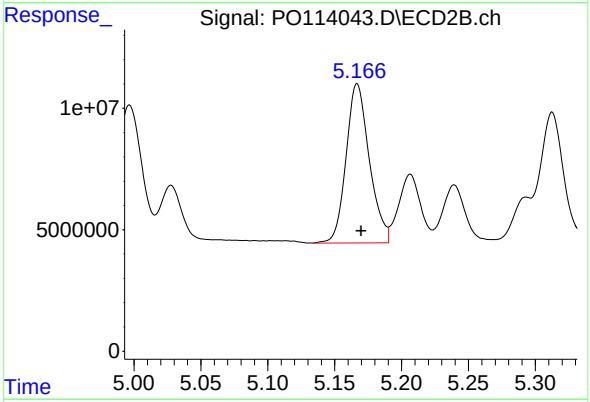
R.T.: 4.955 min
Delta R.T.: -0.003 min
Response: 61910177
Conc: 512.89 ng/ml



#7 AR-1016-5

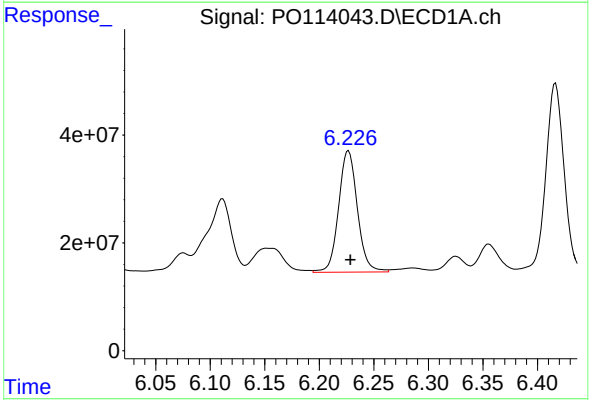
R.T.: 5.192 min
Delta R.T.: -0.001 min
Response: 137802785
Conc: 573.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



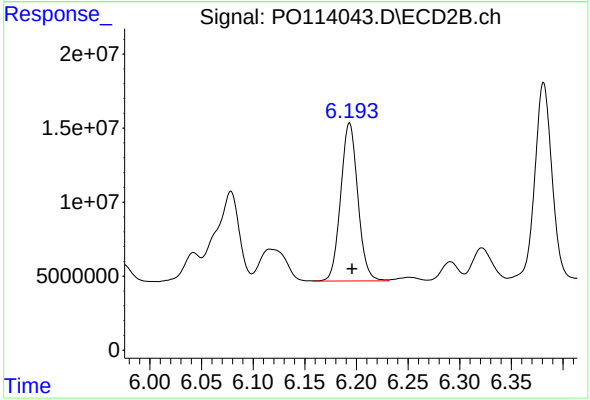
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.003 min
Response: 79287687
Conc: 528.35 ng/ml



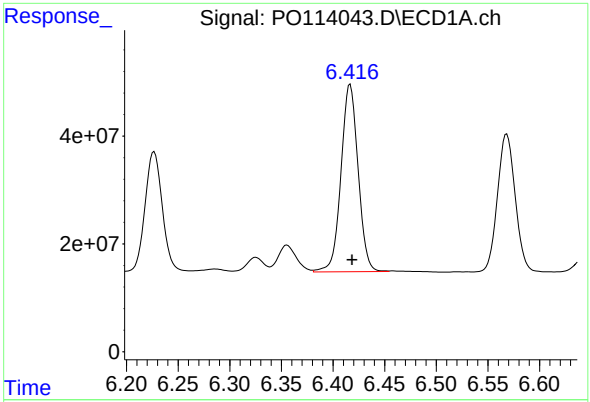
#31 AR-1260-1

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 270124750
Conc: 551.05 ng/ml



#31 AR-1260-1

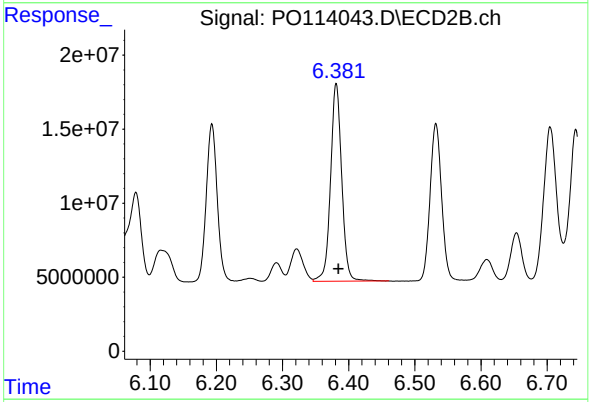
R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 123418541
Conc: 491.14 ng/ml



#32 AR-1260-2

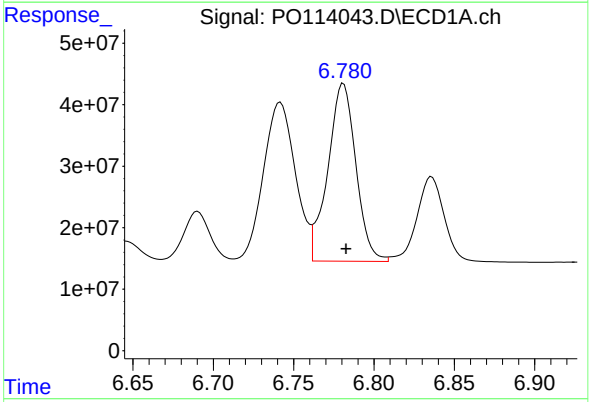
R.T.: 6.417 min
Delta R.T.: -0.002 min
Response: 401268917
Conc: 523.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



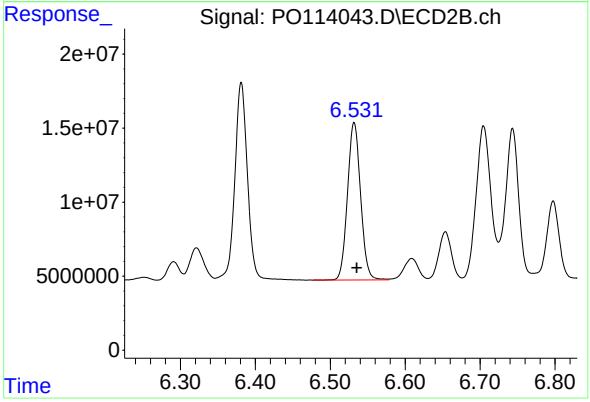
#32 AR-1260-2

R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 156703598
Conc: 473.99 ng/ml



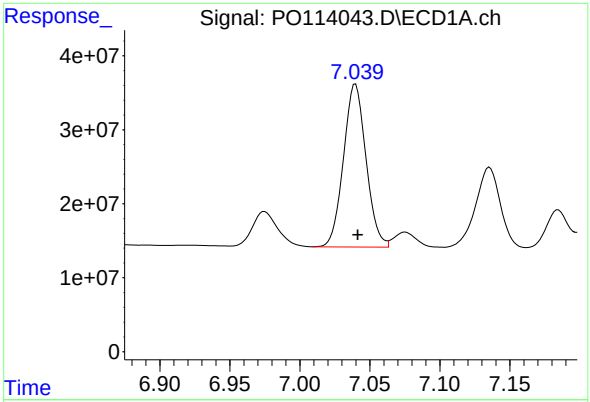
#33 AR-1260-3

R.T.: 6.781 min
Delta R.T.: -0.002 min
Response: 351597918
Conc: 522.58 ng/ml



#33 AR-1260-3

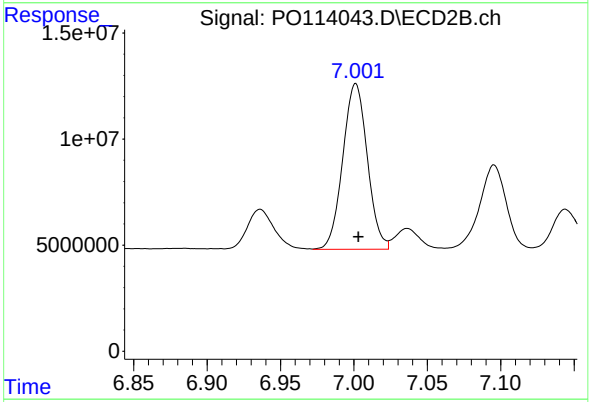
R.T.: 6.532 min
Delta R.T.: -0.003 min
Response: 129220654
Conc: 460.91 ng/ml



#34 AR-1260-4

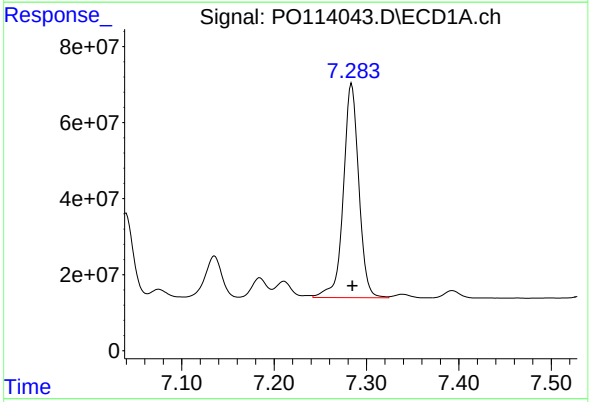
R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 246659053
Conc: 570.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



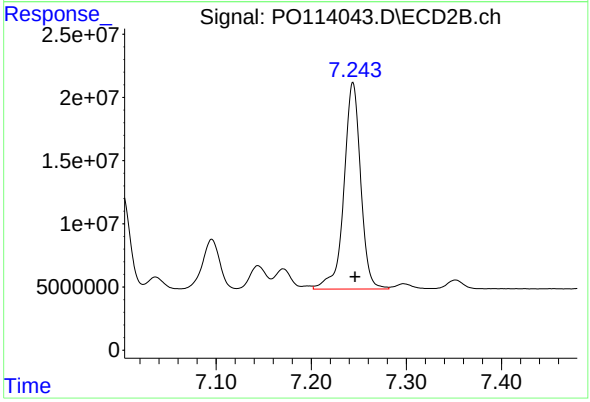
#34 AR-1260-4

R.T.: 7.001 min
Delta R.T.: -0.002 min
Response: 90874802
Conc: 475.26 ng/ml



#35 AR-1260-5

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 655034494
Conc: 578.24 ng/ml



#35 AR-1260-5

R.T.: 7.244 min
Delta R.T.: -0.002 min
Response: 199954600
Conc: 469.73 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/25/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025

Continuing Calib Time: 14:57 **Initial Calibration Time(s):** 08:45 17:14

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)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	5.89	5.79	5.99	-0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.29	6.28	6.18	6.38	-0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.66	7.65	7.55	7.75	-0.01
Aroclor-1260-3	(3)	8.02	8.01	7.91	8.11	-0.01
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	-0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/25/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025

Continuing Calib Time: 14:57 **Initial Calibration Time(s):** 08:45 17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.01
Aroclor-1260-4	(4)	7.16	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.80	8.80	8.70	8.90	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075326.D **Time Analyzed:** 14:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.813	5.708	5.908	506.760	500.000	1.4
Aroclor-1016-2	5.834	5.729	5.929	520.930	500.000	4.2
Aroclor-1016-3	5.897	5.792	5.992	501.030	500.000	0.2
Aroclor-1016-4	5.994	5.889	6.089	539.190	500.000	7.8
Aroclor-1016-5	6.287	6.181	6.381	537.320	500.000	7.5
Aroclor-1260-1	7.404	7.299	7.499	513.420	500.000	2.7
Aroclor-1260-2	7.657	7.551	7.751	508.080	500.000	1.6
Aroclor-1260-3	8.015	7.909	8.109	547.330	500.000	9.5
Aroclor-1260-4	8.243	8.137	8.337	587.530	500.000	17.5
Aroclor-1260-5	8.569	8.464	8.664	568.980	500.000	13.8
Decachlorobiphenyl	10.442	10.334	10.534	51.250	50.000	2.5
Tetrachloro-m-xylene	4.661	4.555	4.755	54.900	50.000	9.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075326.D **Time Analyzed:** 14:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.893	4.793	4.993	525.810	500.000	5.2
Aroclor-1016-2	4.950	4.851	5.051	534.450	500.000	6.9
Aroclor-1016-3	5.070	4.971	5.171	484.000	500.000	-3.2
Aroclor-1016-4	5.111	5.011	5.211	514.670	500.000	2.9
Aroclor-1016-5	5.324	5.225	5.425	505.590	500.000	1.1
Aroclor-1260-1	6.353	6.255	6.455	455.220	500.000	-9.0
Aroclor-1260-2	6.540	6.441	6.641	470.480	500.000	-5.9
Aroclor-1260-3	6.693	6.595	6.795	455.300	500.000	-8.9
Aroclor-1260-4	7.163	7.065	7.265	438.480	500.000	-12.3
Aroclor-1260-5	7.402	7.304	7.504	467.780	500.000	-6.4
Decachlorobiphenyl	8.802	8.703	8.903	58.350	50.000	16.7
Tetrachloro-m-xylene	3.796	3.696	3.896	54.620	50.000	9.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092525\
Data File : PP075326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 14:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 08:15:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.661	3.796	71830236	333.3E6	54.896	54.623
2)	SA Decachlor...	10.442	8.802	51127424	352.0E6	51.253	58.349
	Target Compounds						
3)	L1 AR-1016-1	5.813	4.893	24377732	295.0E6	506.763	525.813
4)	L1 AR-1016-2	5.834	4.950	37365864	137.4E6	520.934	534.446
5)	L1 AR-1016-3	5.897	5.070	23313375	75150382	501.031	484.003
6)	L1 AR-1016-4	5.994	5.111	19215066	75639617	539.194	514.667
7)	L1 AR-1016-5	6.287	5.324	18119017	82603752	537.317	505.586
31)	L7 AR-1260-1	7.404	6.353	30866500	184.8E6	513.419	455.220
32)	L7 AR-1260-2	7.657	6.540	36987164	270.9E6	508.079	470.481
33)	L7 AR-1260-3	8.015	6.693	29635524	194.9E6	547.335	455.299
34)	L7 AR-1260-4	8.243	7.163	33217166	189.1E6	587.528	438.482 #
35)	L7 AR-1260-5	8.569	7.402	62478995	492.1E6	568.982	467.776

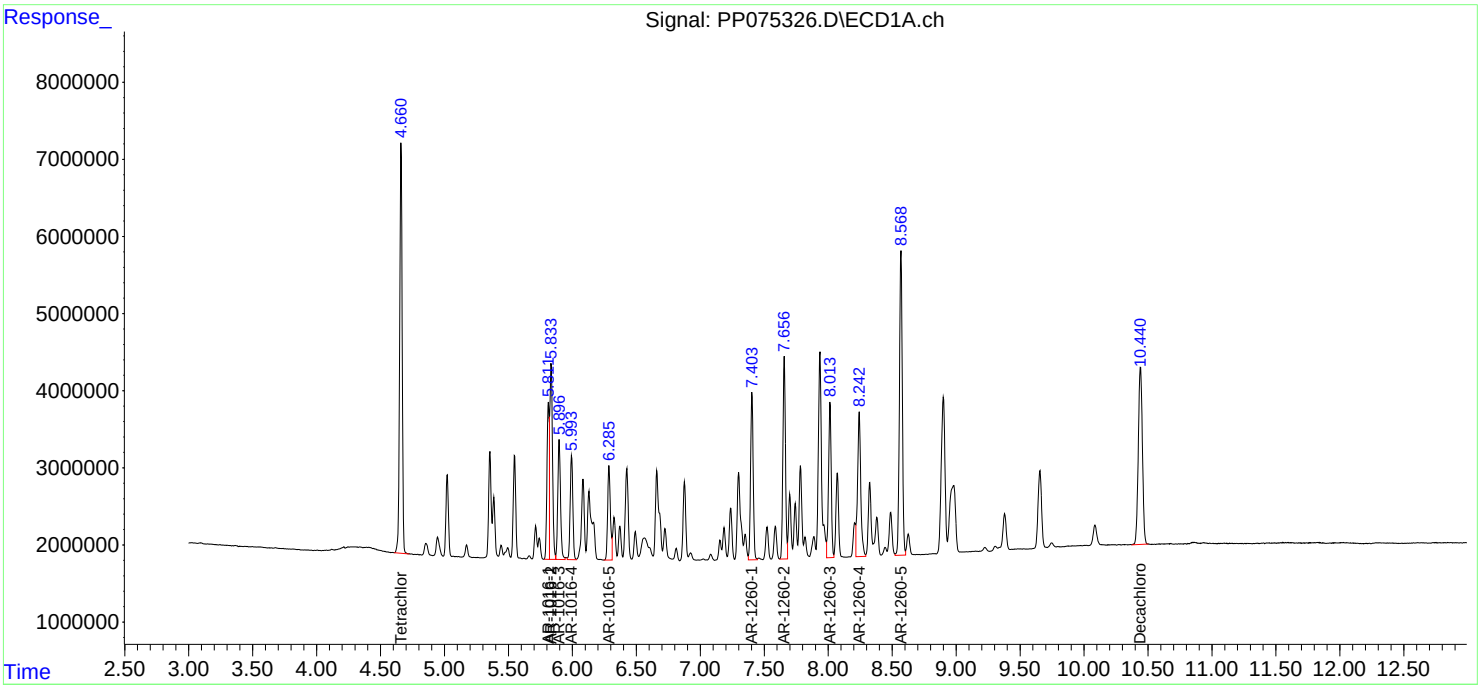
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

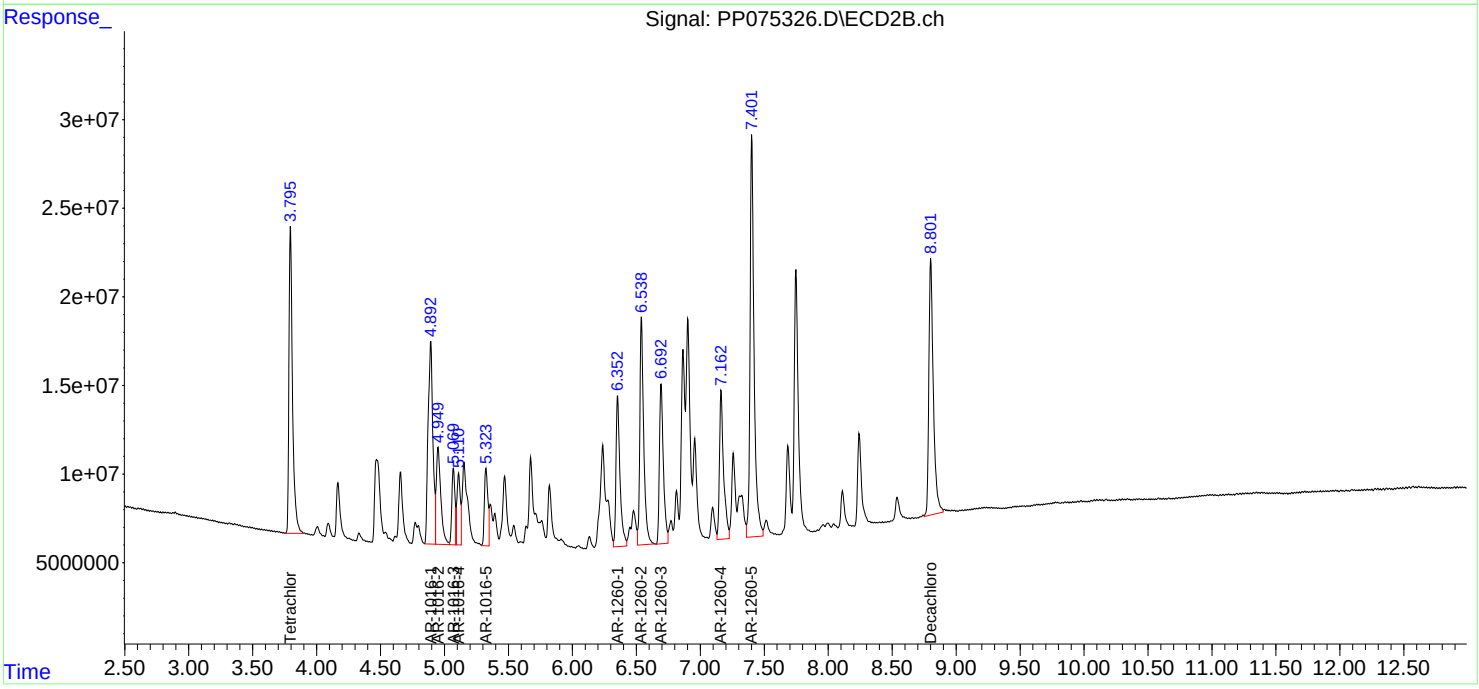
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092525\
Data File : PP075326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 14:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

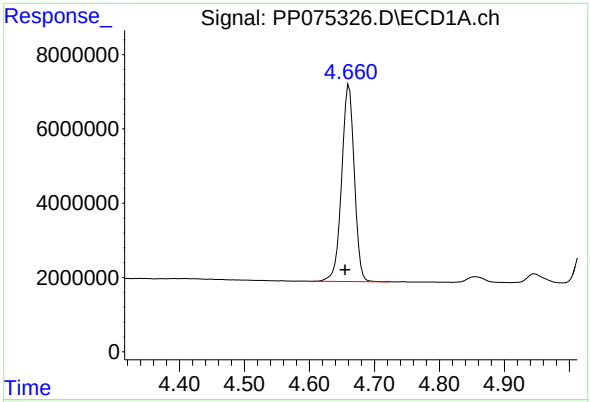
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 08:15:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



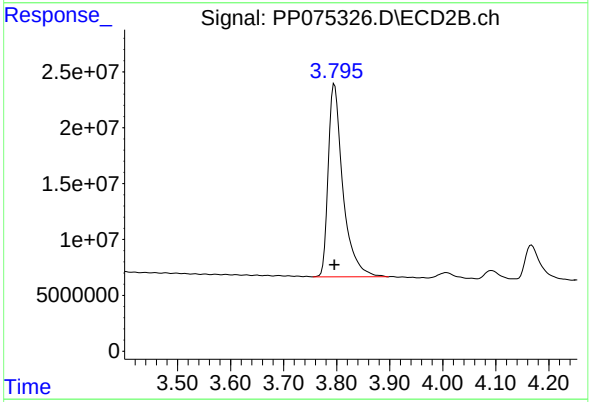




#1 Tetrachloro-m-xylene

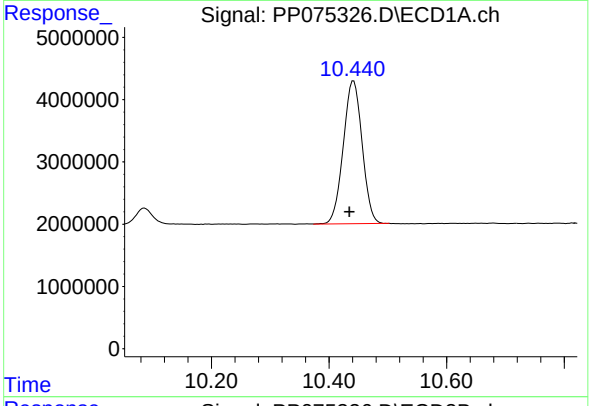
R.T.: 4.661 min
Delta R.T.: 0.006 min
Response: 71830236
Conc: 54.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



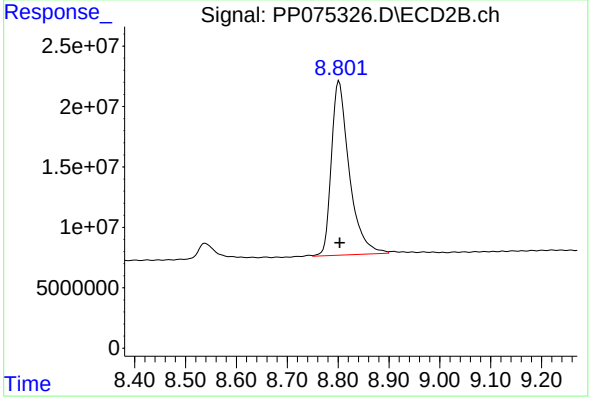
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 333250618
Conc: 54.62 ng/ml



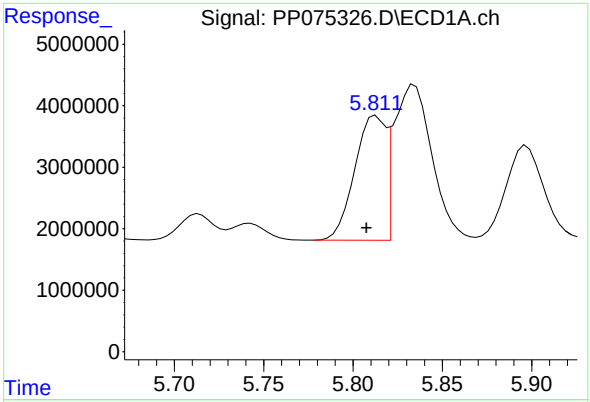
#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.007 min
Response: 51127424
Conc: 51.25 ng/ml



#2 Decachlorobiphenyl

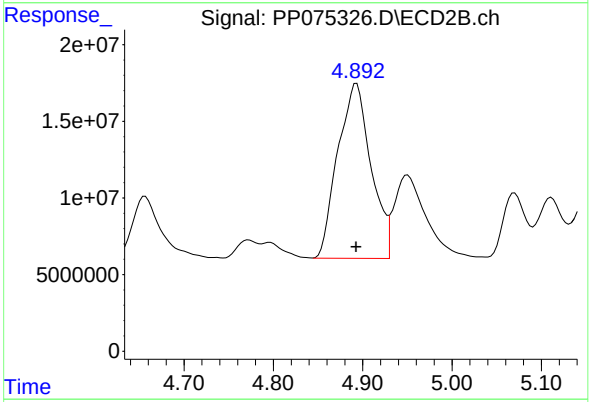
R.T.: 8.802 min
Delta R.T.: -0.002 min
Response: 351988152
Conc: 58.35 ng/ml



#3 AR-1016-1

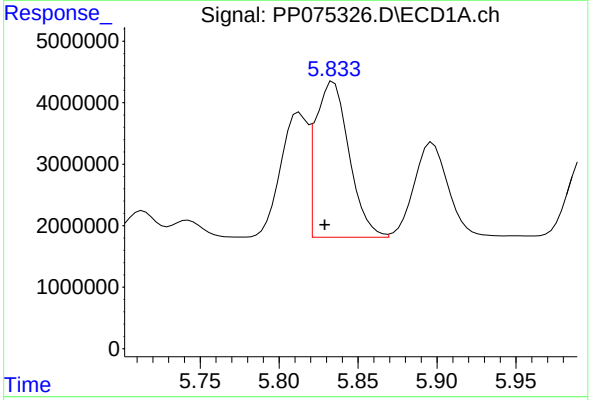
R.T.: 5.813 min
Delta R.T.: 0.005 min
Response: 24377732
Conc: 506.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



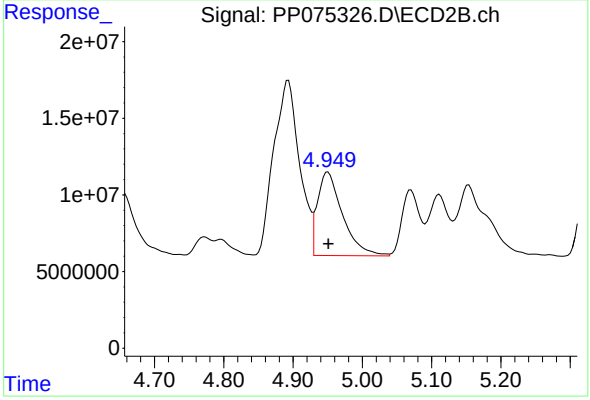
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 294987925
Conc: 525.81 ng/ml



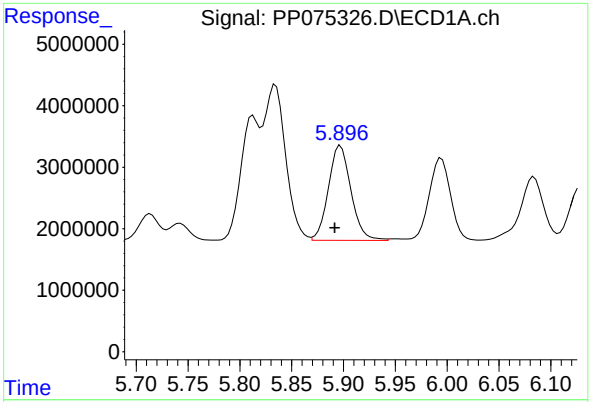
#4 AR-1016-2

R.T.: 5.834 min
Delta R.T.: 0.006 min
Response: 37365864
Conc: 520.93 ng/ml



#4 AR-1016-2

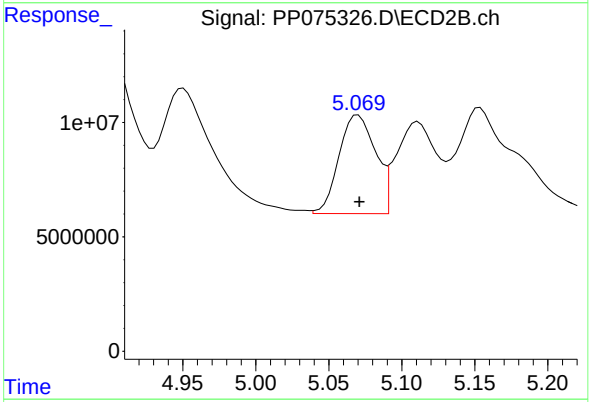
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 137353670
Conc: 534.45 ng/ml



#5 AR-1016-3

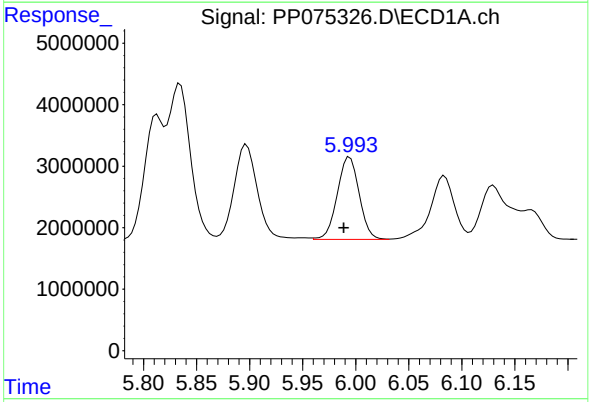
R.T.: 5.897 min
Delta R.T.: 0.005 min
Response: 23313375
Conc: 501.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



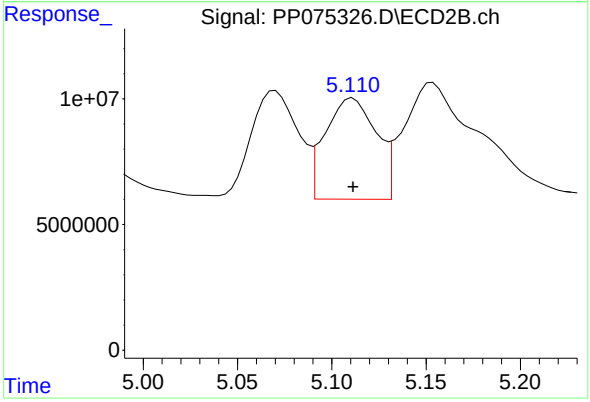
#5 AR-1016-3

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 75150382
Conc: 484.00 ng/ml



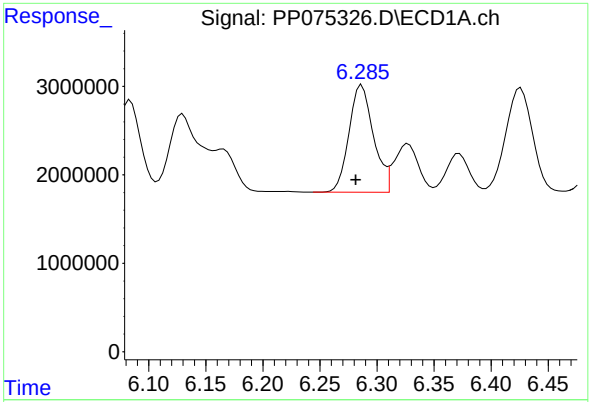
#6 AR-1016-4

R.T.: 5.994 min
Delta R.T.: 0.006 min
Response: 19215066
Conc: 539.19 ng/ml



#6 AR-1016-4

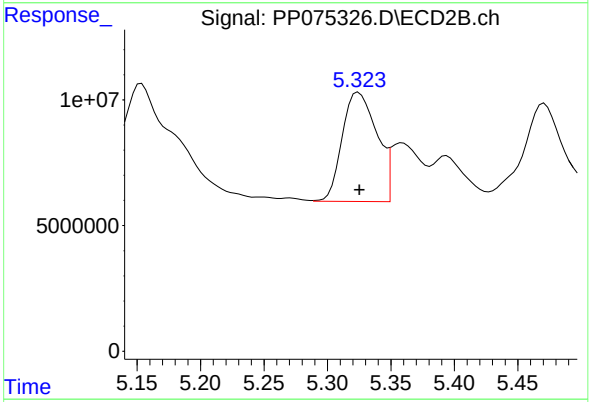
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 75639617
Conc: 514.67 ng/ml



#7 AR-1016-5

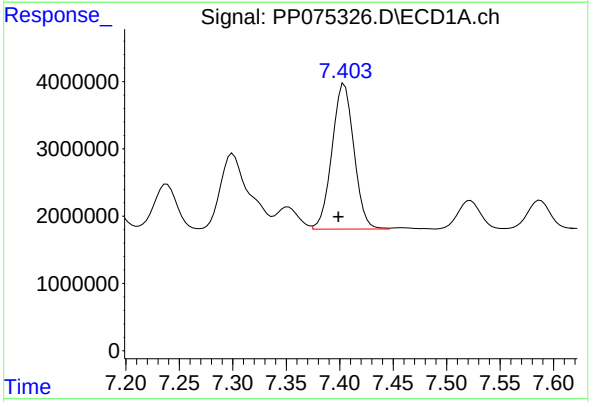
R.T.: 6.287 min
Delta R.T.: 0.005 min
Response: 18119017
Conc: 537.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



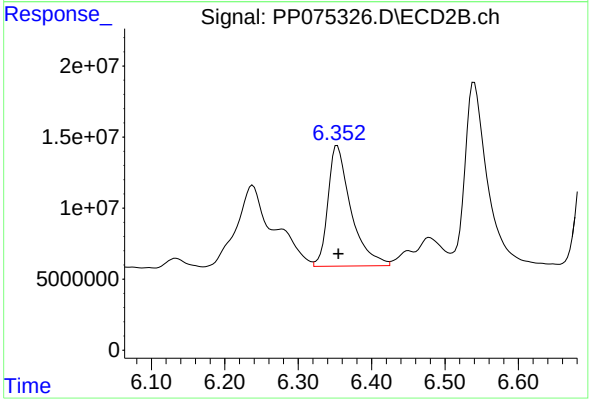
#7 AR-1016-5

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 82603752
Conc: 505.59 ng/ml



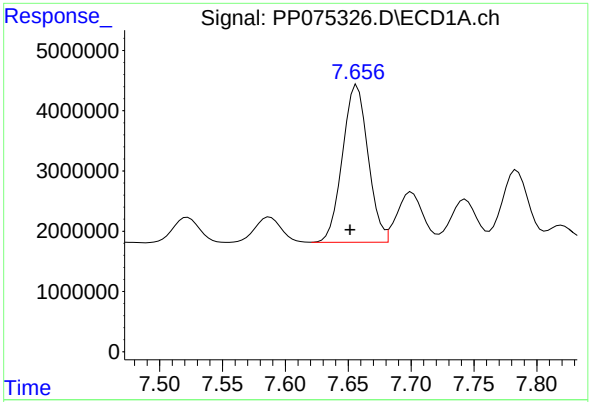
#31 AR-1260-1

R.T.: 7.404 min
Delta R.T.: 0.006 min
Response: 30866500
Conc: 513.42 ng/ml



#31 AR-1260-1

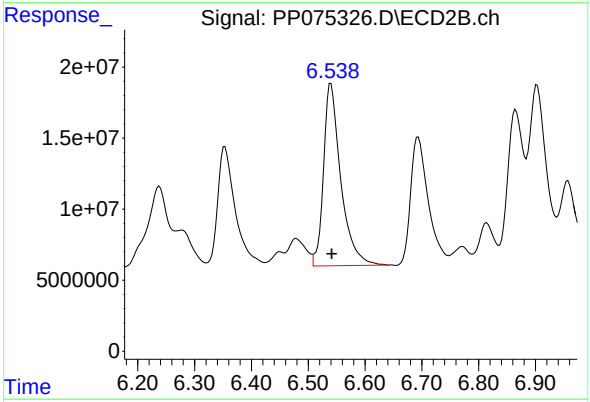
R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 184789795
Conc: 455.22 ng/ml



#32 AR-1260-2

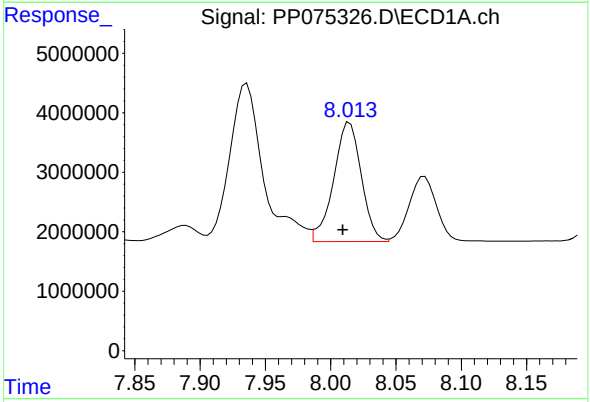
R.T.: 7.657 min
Delta R.T.: 0.006 min
Response: 36987164
Conc: 508.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



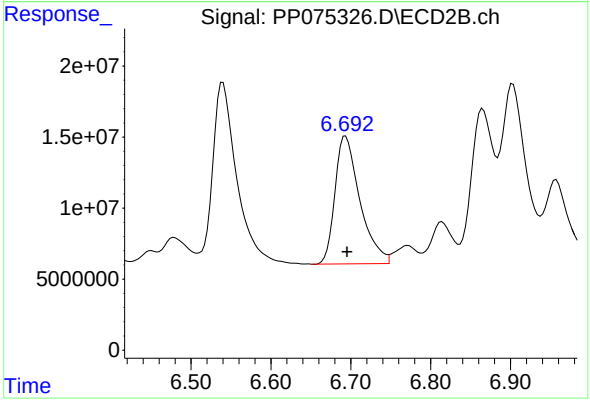
#32 AR-1260-2

R.T.: 6.540 min
Delta R.T.: -0.001 min
Response: 270917137
Conc: 470.48 ng/ml



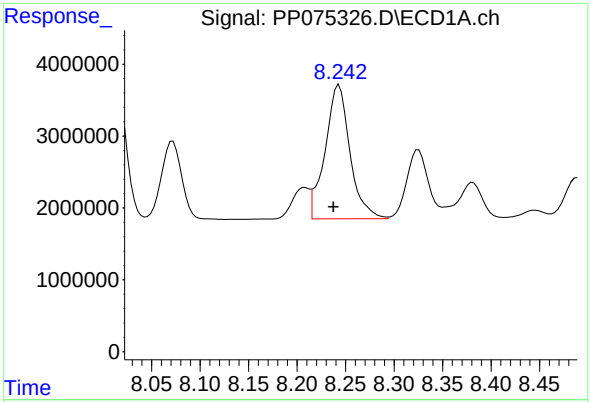
#33 AR-1260-3

R.T.: 8.015 min
Delta R.T.: 0.005 min
Response: 29635524
Conc: 547.33 ng/ml



#33 AR-1260-3

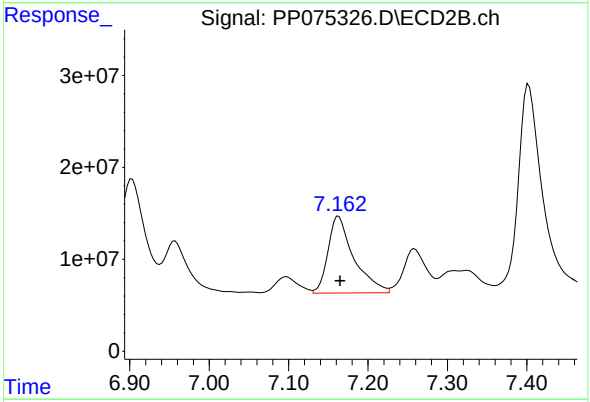
R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 194906830
Conc: 455.30 ng/ml



#34 AR-1260-4

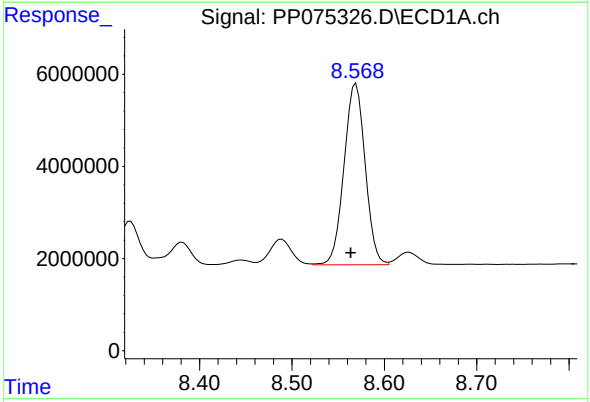
R.T.: 8.243 min
Delta R.T.: 0.006 min
Response: 33217166
Conc: 587.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



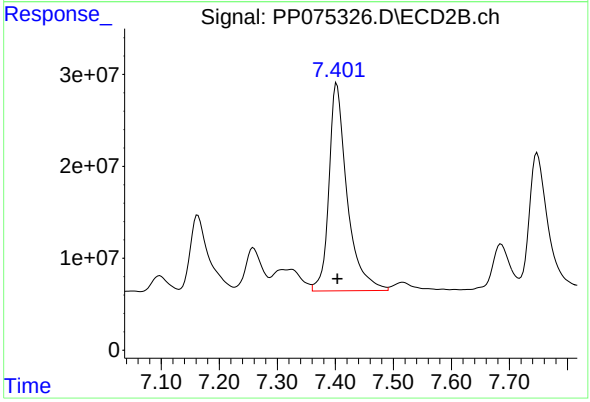
#34 AR-1260-4

R.T.: 7.163 min
Delta R.T.: -0.002 min
Response: 189083956
Conc: 438.48 ng/ml



#35 AR-1260-5

R.T.: 8.569 min
Delta R.T.: 0.006 min
Response: 62478995
Conc: 568.98 ng/ml



#35 AR-1260-5

R.T.: 7.402 min
Delta R.T.: -0.001 min
Response: 492094643
Conc: 467.78 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/25/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025

Continuing Calib Time: 20:13 **Initial Calibration Time(s):** 08:45 17:14

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)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	5.89	5.79	5.99	-0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.29	6.28	6.18	6.38	-0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.66	7.65	7.55	7.75	-0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	-0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/25/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025

Continuing Calib Time: 20:13 **Initial Calibration Time(s):** 08:45 17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.16	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.80	8.80	8.70	8.90	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075341.D **Time Analyzed:** 20:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.812	5.708	5.908	527.230	500.000	5.4
Aroclor-1016-2	5.834	5.729	5.929	521.840	500.000	4.4
Aroclor-1016-3	5.896	5.792	5.992	515.760	500.000	3.2
Aroclor-1016-4	5.993	5.889	6.089	549.760	500.000	10.0
Aroclor-1016-5	6.286	6.181	6.381	547.120	500.000	9.4
Aroclor-1260-1	7.404	7.299	7.499	522.730	500.000	4.5
Aroclor-1260-2	7.656	7.551	7.751	512.050	500.000	2.4
Aroclor-1260-3	8.014	7.909	8.109	558.190	500.000	11.6
Aroclor-1260-4	8.243	8.137	8.337	591.030	500.000	18.2
Aroclor-1260-5	8.569	8.464	8.664	580.640	500.000	16.1
Decachlorobiphenyl	10.443	10.334	10.534	52.690	50.000	5.4
Tetrachloro-m-xylene	4.659	4.555	4.755	54.990	50.000	10.0

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/25/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075341.D **Time Analyzed:** 20:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.894	4.793	4.993	544.560	500.000	8.9
Aroclor-1016-2	4.952	4.851	5.051	549.510	500.000	9.9
Aroclor-1016-3	5.071	4.971	5.171	506.710	500.000	1.3
Aroclor-1016-4	5.112	5.011	5.211	520.430	500.000	4.1
Aroclor-1016-5	5.327	5.225	5.425	532.260	500.000	6.5
Aroclor-1260-1	6.355	6.255	6.455	521.820	500.000	4.4
Aroclor-1260-2	6.542	6.441	6.641	524.370	500.000	4.9
Aroclor-1260-3	6.696	6.595	6.795	502.110	500.000	0.4
Aroclor-1260-4	7.164	7.065	7.265	496.480	500.000	-0.7
Aroclor-1260-5	7.404	7.304	7.504	526.380	500.000	5.3
Decachlorobiphenyl	8.804	8.703	8.903	62.490	50.000	25.0
Tetrachloro-m-xylene	3.796	3.696	3.896	56.810	50.000	13.6

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092525\
Data File : PP075341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 20:13
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 08:18:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.796	71955302	346.6E6	54.991	56.805
2)	SA Decachlor...	10.443	8.804	52560899	377.0E6	52.690	62.493
	Target Compounds						
3)	L1 AR-1016-1	5.812	4.894	25362392	305.5E6	527.232	544.565
4)	L1 AR-1016-2	5.834	4.952	37430747	141.2E6	521.839	549.514
5)	L1 AR-1016-3	5.896	5.071	23998931	78676474	515.765	506.713
6)	L1 AR-1016-4	5.993	5.112	19591733	76486879	549.763	520.432
7)	L1 AR-1016-5	6.286	5.327	18449585	86962526	547.120	532.264
31)	L7 AR-1260-1	7.404	6.355	31426271	211.8E6	522.730	521.816
32)	L7 AR-1260-2	7.656	6.542	37276236	301.9E6	512.050	524.366
33)	L7 AR-1260-3	8.014	6.696	30223433	214.9E6	558.193	502.105
34)	L7 AR-1260-4	8.243	7.164	33415206	214.1E6	591.031	496.484
35)	L7 AR-1260-5	8.569	7.404	63759281	553.7E6	580.642	526.380

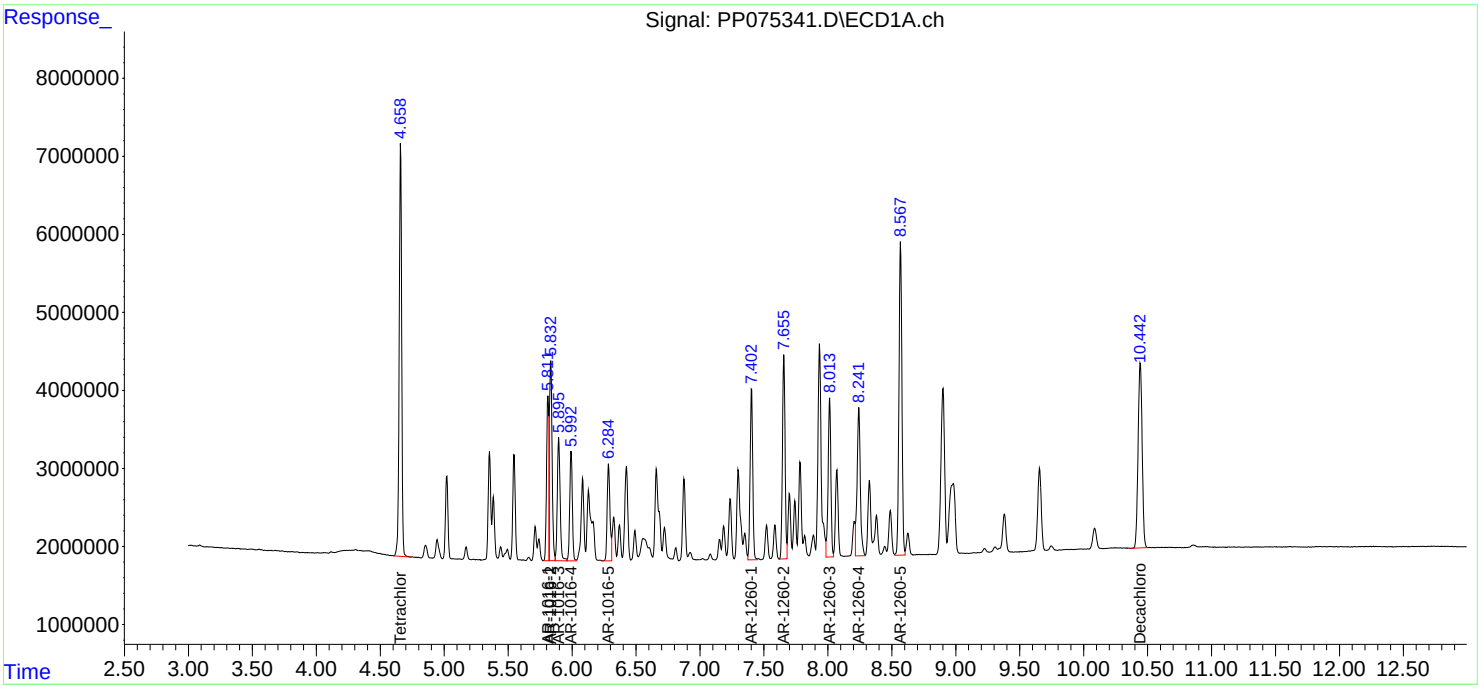
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

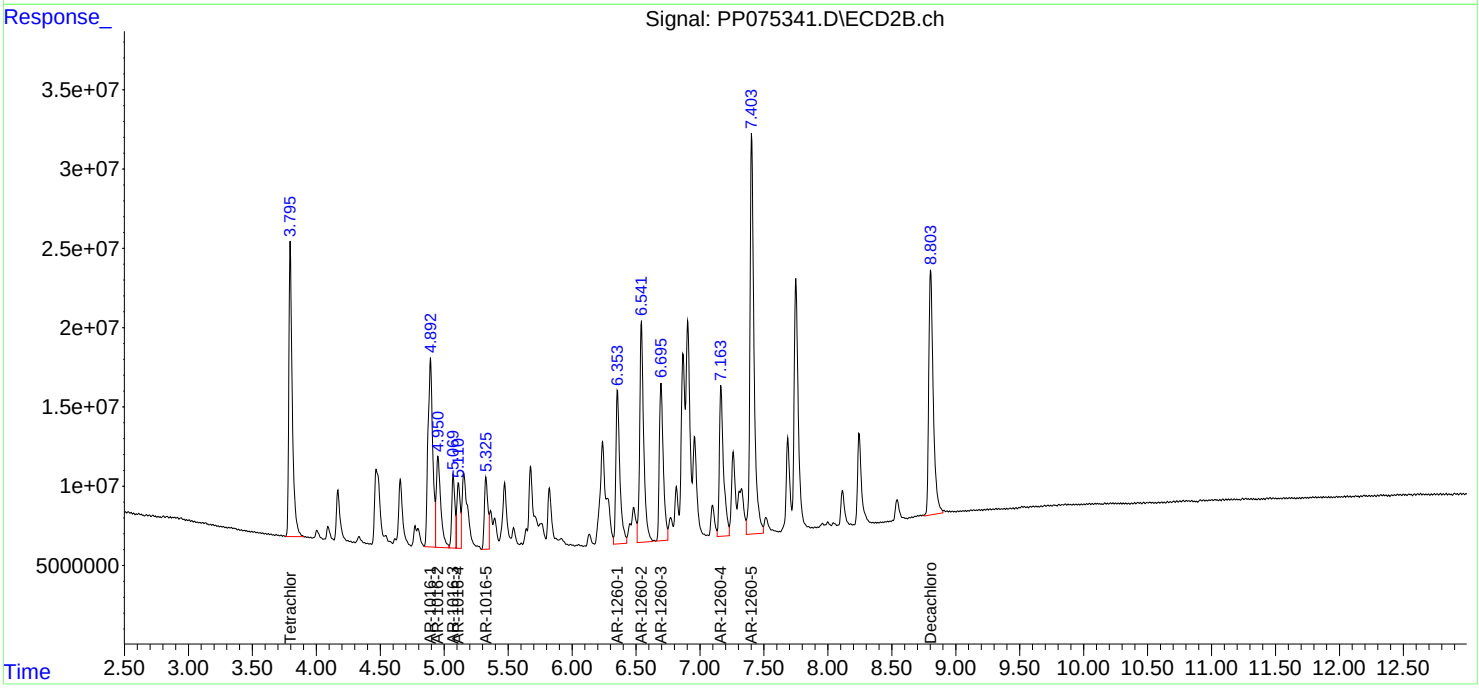
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092525\
Data File : PP075341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 20:13
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

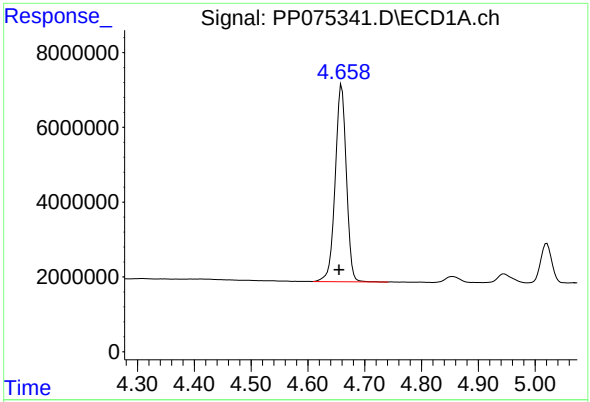
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 08:18:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



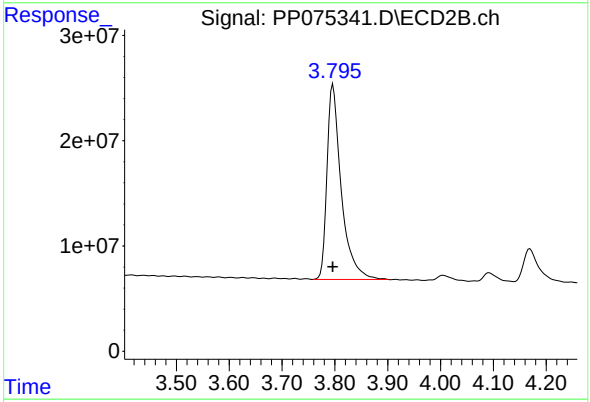




#1 Tetrachloro-m-xylene

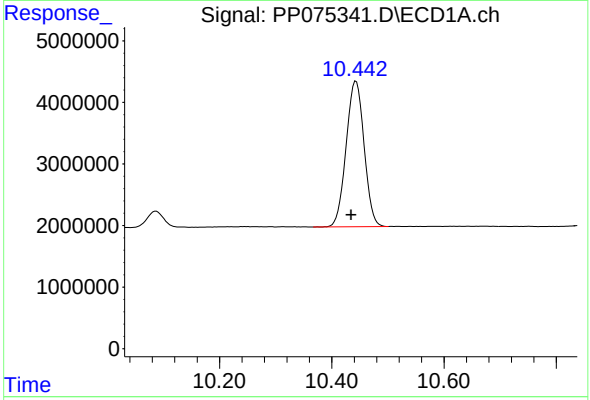
R.T.: 4.659 min
Delta R.T.: 0.004 min
Response: 71955302
Conc: 54.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



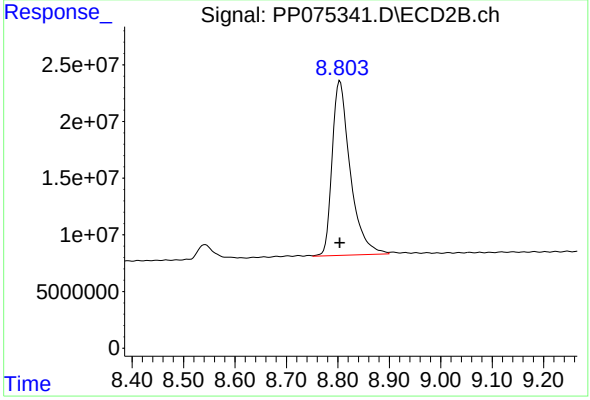
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 346563156
Conc: 56.81 ng/ml



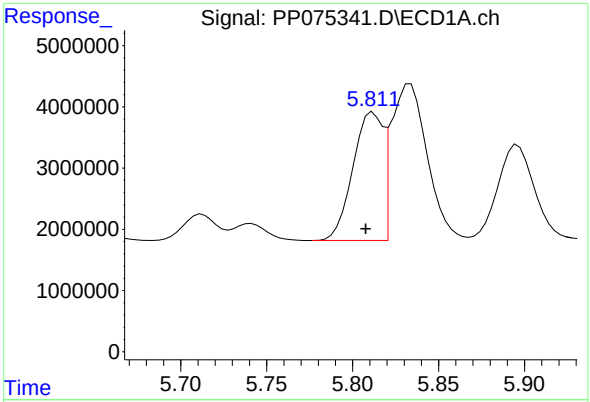
#2 Decachlorobiphenyl

R.T.: 10.443 min
Delta R.T.: 0.009 min
Response: 52560899
Conc: 52.69 ng/ml



#2 Decachlorobiphenyl

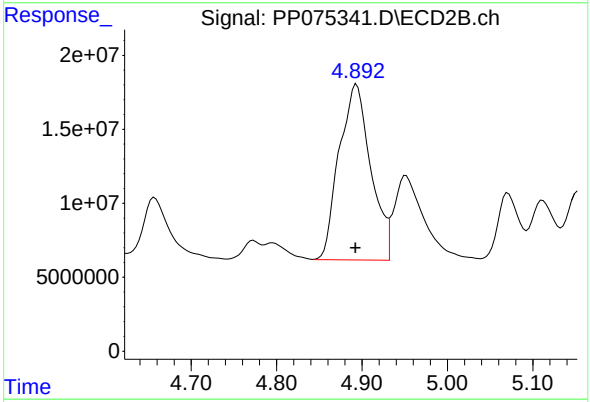
R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 376987094
Conc: 62.49 ng/ml



#3 AR-1016-1

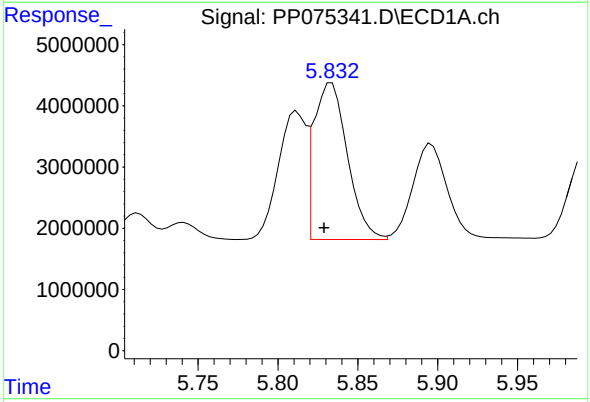
R.T.: 5.812 min
Delta R.T.: 0.004 min
Response: 25362392
Conc: 527.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



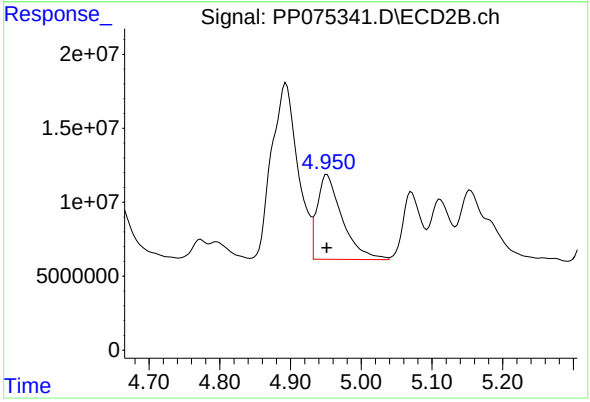
#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: 0.001 min
Response: 305508142
Conc: 544.56 ng/ml



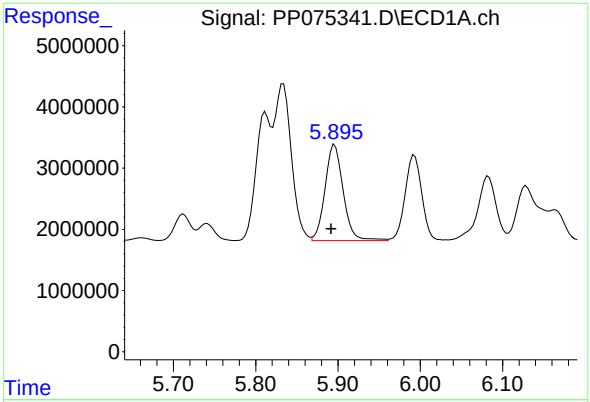
#4 AR-1016-2

R.T.: 5.834 min
Delta R.T.: 0.005 min
Response: 37430747
Conc: 521.84 ng/ml



#4 AR-1016-2

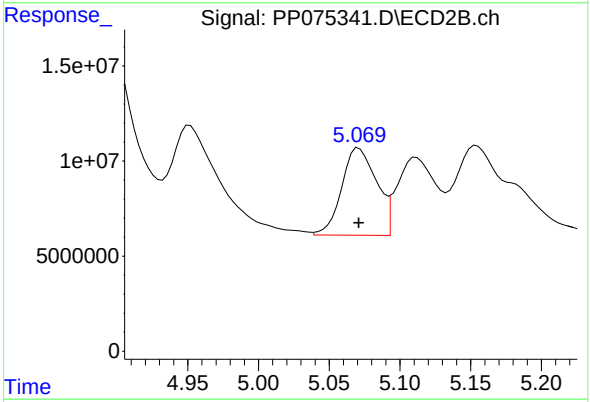
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 141226296
Conc: 549.51 ng/ml



#5 AR-1016-3

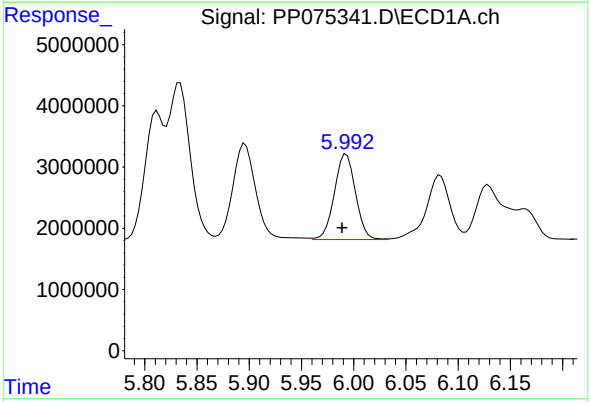
R.T.: 5.896 min
Delta R.T.: 0.004 min
Response: 23998931
Conc: 515.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



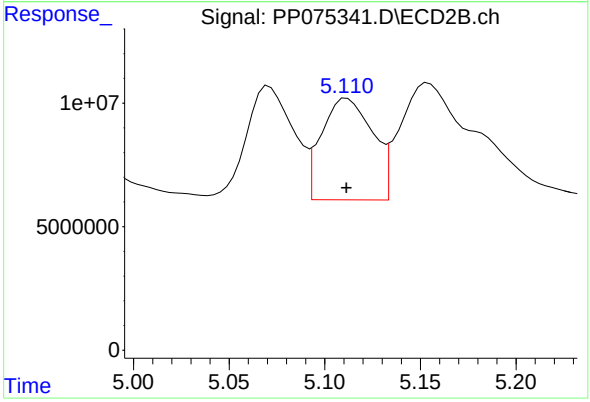
#5 AR-1016-3

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 78676474
Conc: 506.71 ng/ml



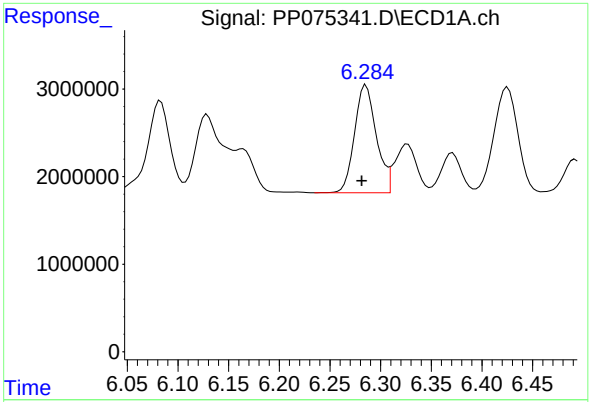
#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.004 min
Response: 19591733
Conc: 549.76 ng/ml



#6 AR-1016-4

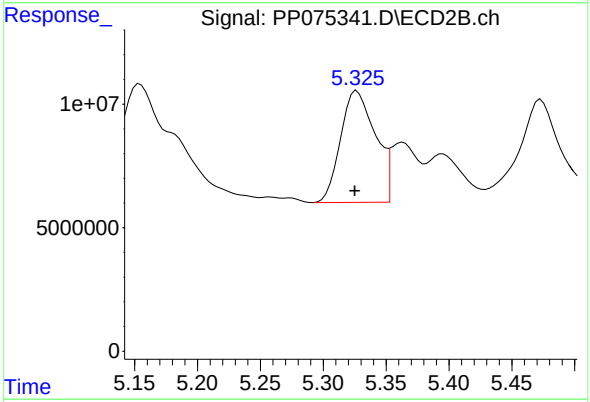
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 76486879
Conc: 520.43 ng/ml



#7 AR-1016-5

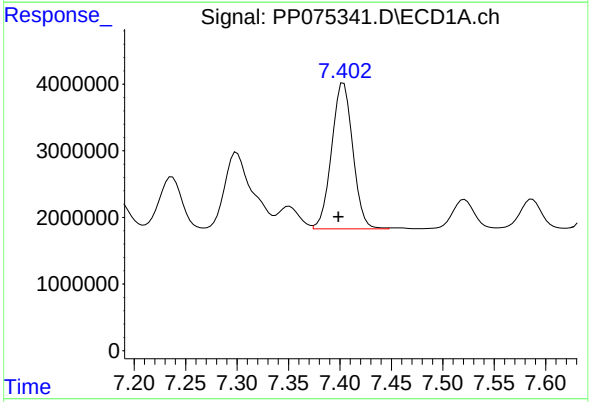
R.T.: 6.286 min
Delta R.T.: 0.004 min
Response: 18449585
Conc: 547.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



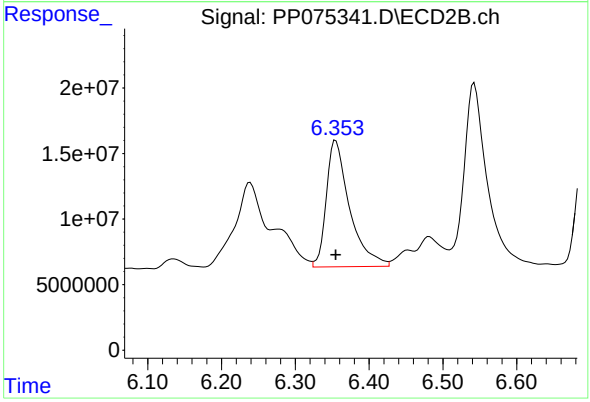
#7 AR-1016-5

R.T.: 5.327 min
Delta R.T.: 0.002 min
Response: 86962526
Conc: 532.26 ng/ml



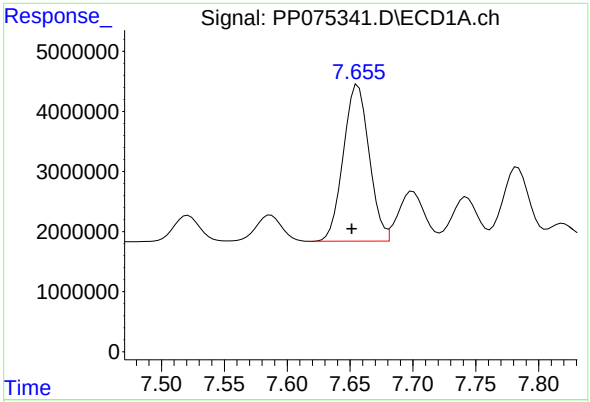
#31 AR-1260-1

R.T.: 7.404 min
Delta R.T.: 0.005 min
Response: 31426271
Conc: 522.73 ng/ml



#31 AR-1260-1

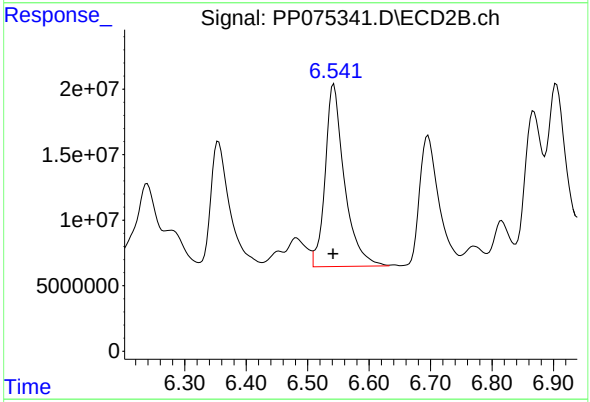
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 211823717
Conc: 521.82 ng/ml



#32 AR-1260-2

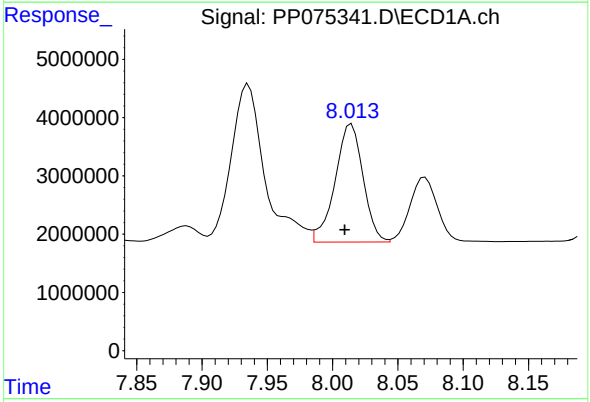
R.T.: 7.656 min
Delta R.T.: 0.005 min
Response: 37276236
Conc: 512.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



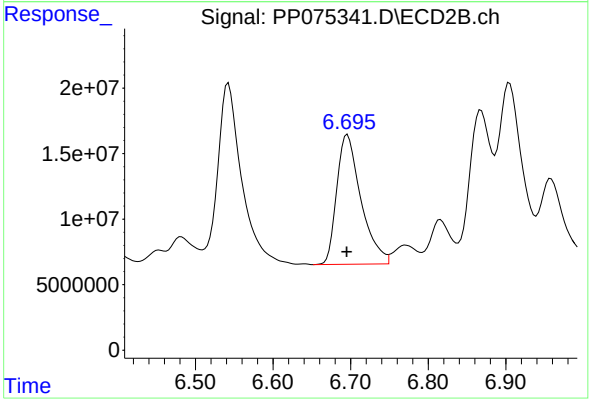
#32 AR-1260-2

R.T.: 6.542 min
Delta R.T.: 0.001 min
Response: 301945747
Conc: 524.37 ng/ml



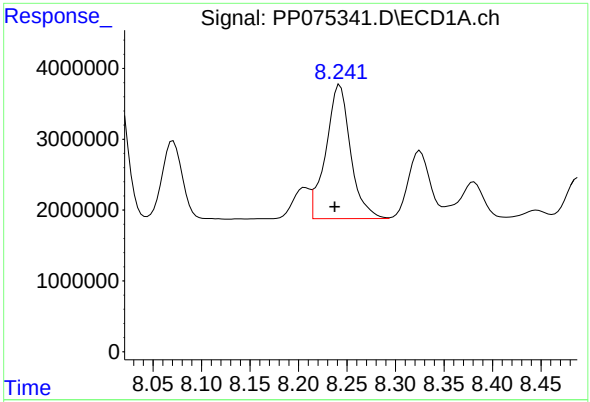
#33 AR-1260-3

R.T.: 8.014 min
Delta R.T.: 0.005 min
Response: 30223433
Conc: 558.19 ng/ml



#33 AR-1260-3

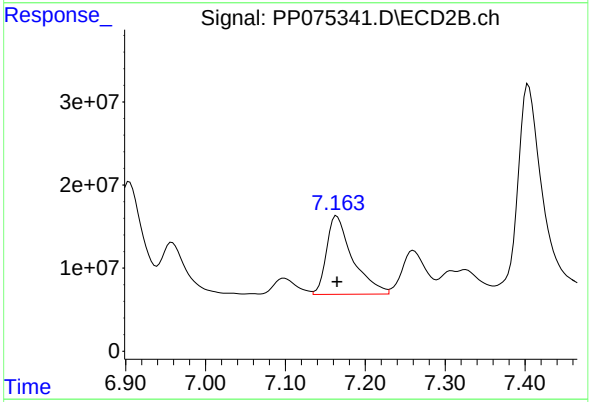
R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 214943817
Conc: 502.11 ng/ml



#34 AR-1260-4

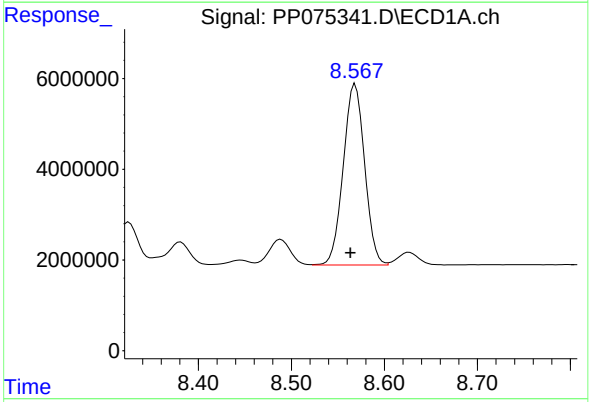
R.T.: 8.243 min
Delta R.T.: 0.005 min
Response: 33415206
Conc: 591.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



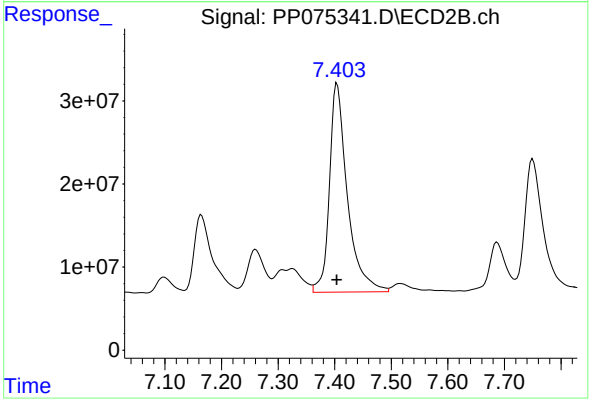
#34 AR-1260-4

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 214095962
Conc: 496.48 ng/ml



#35 AR-1260-5

R.T.: 8.569 min
Delta R.T.: 0.005 min
Response: 63759281
Conc: 580.64 ng/ml



#35 AR-1260-5

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 553745587
Conc: 526.38 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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/26/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025

Continuing Calib Time: 09:42 **Initial Calibration Time(s):** 08:45 17:14

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)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/26/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025

Continuing Calib Time: 09:42 **Initial Calibration Time(s):** 08:45 17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.80	8.80	8.70	8.90	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL05 **Date Analyzed:** 09/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075347.D **Time Analyzed:** 09:42

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.808	5.708	5.908	510.750	500.000	2.2
Aroclor-1016-2	5.829	5.729	5.929	518.630	500.000	3.7
Aroclor-1016-3	5.892	5.792	5.992	505.170	500.000	1.0
Aroclor-1016-4	5.989	5.889	6.089	540.290	500.000	8.1
Aroclor-1016-5	6.281	6.181	6.381	543.910	500.000	8.8
Aroclor-1260-1	7.399	7.299	7.499	518.520	500.000	3.7
Aroclor-1260-2	7.652	7.551	7.751	513.110	500.000	2.6
Aroclor-1260-3	8.010	7.909	8.109	550.690	500.000	10.1
Aroclor-1260-4	8.238	8.137	8.337	587.010	500.000	17.4
Aroclor-1260-5	8.565	8.464	8.664	571.960	500.000	14.4
Decachlorobiphenyl	10.438	10.334	10.534	52.570	50.000	5.1
Tetrachloro-m-xylene	4.655	4.555	4.755	53.580	50.000	7.2

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL05 **Date Analyzed:** 09/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075347.D **Time Analyzed:** 09:42

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.893	4.793	4.993	532.150	500.000	6.4
Aroclor-1016-2	4.952	4.851	5.051	532.240	500.000	6.4
Aroclor-1016-3	5.072	4.971	5.171	494.880	500.000	-1.0
Aroclor-1016-4	5.112	5.011	5.211	544.360	500.000	8.9
Aroclor-1016-5	5.325	5.225	5.425	539.770	500.000	8.0
Aroclor-1260-1	6.355	6.255	6.455	500.150	500.000	0.0
Aroclor-1260-2	6.542	6.441	6.641	514.090	500.000	2.8
Aroclor-1260-3	6.696	6.595	6.795	494.630	500.000	-1.1
Aroclor-1260-4	7.165	7.065	7.265	472.680	500.000	-5.5
Aroclor-1260-5	7.404	7.304	7.504	501.220	500.000	0.2
Decachlorobiphenyl	8.803	8.703	8.903	60.660	50.000	21.3
Tetrachloro-m-xylene	3.797	3.696	3.896	54.630	50.000	9.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092625\
Data File : PP075347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 09:42
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 02:01:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.655	3.797	70108122	333.3E6	53.580	54.632
2)	SA Decachlor...	10.438	8.803	52438482	365.9E6	52.567	60.659
	Target Compounds						
3)	L1 AR-1016-1	5.808	4.893	24569602	298.5E6	510.752	532.149
4)	L1 AR-1016-2	5.829	4.952	37200795	136.8E6	518.633	532.237
5)	L1 AR-1016-3	5.892	5.072	23505923	76839783	505.169	494.884
6)	L1 AR-1016-4	5.989	5.112	19254050	80002922	540.288	544.356
7)	L1 AR-1016-5	6.281	5.325	18341191	88188209	543.905	539.766
31)	L7 AR-1260-1	7.399	6.355	31173074	203.0E6	518.519	500.150
32)	L7 AR-1260-2	7.652	6.542	37353281	296.0E6	513.109	514.089
33)	L7 AR-1260-3	8.010	6.696	29817002	211.7E6	550.687	494.632
34)	L7 AR-1260-4	8.238	7.165	33187621	203.8E6	587.005	472.684
35)	L7 AR-1260-5	8.565	7.404	62805889	527.3E6	571.959	501.216

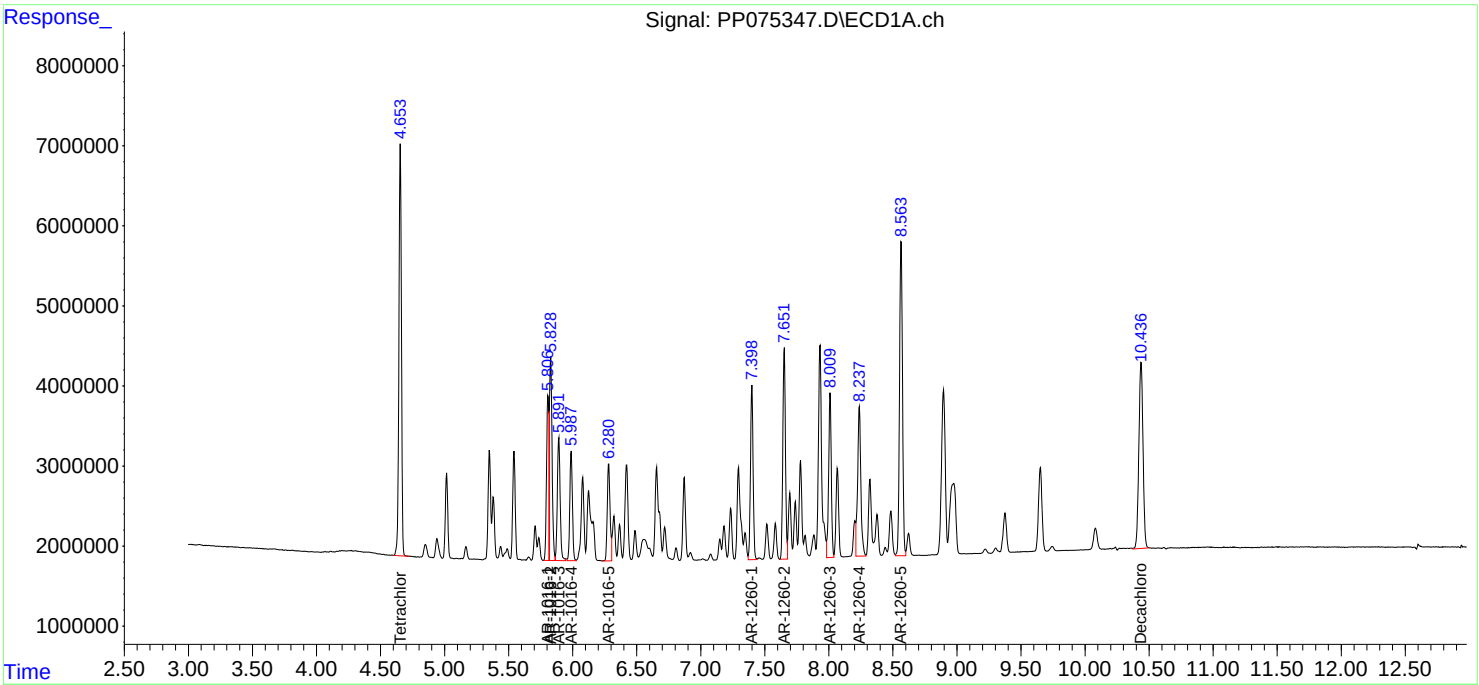
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

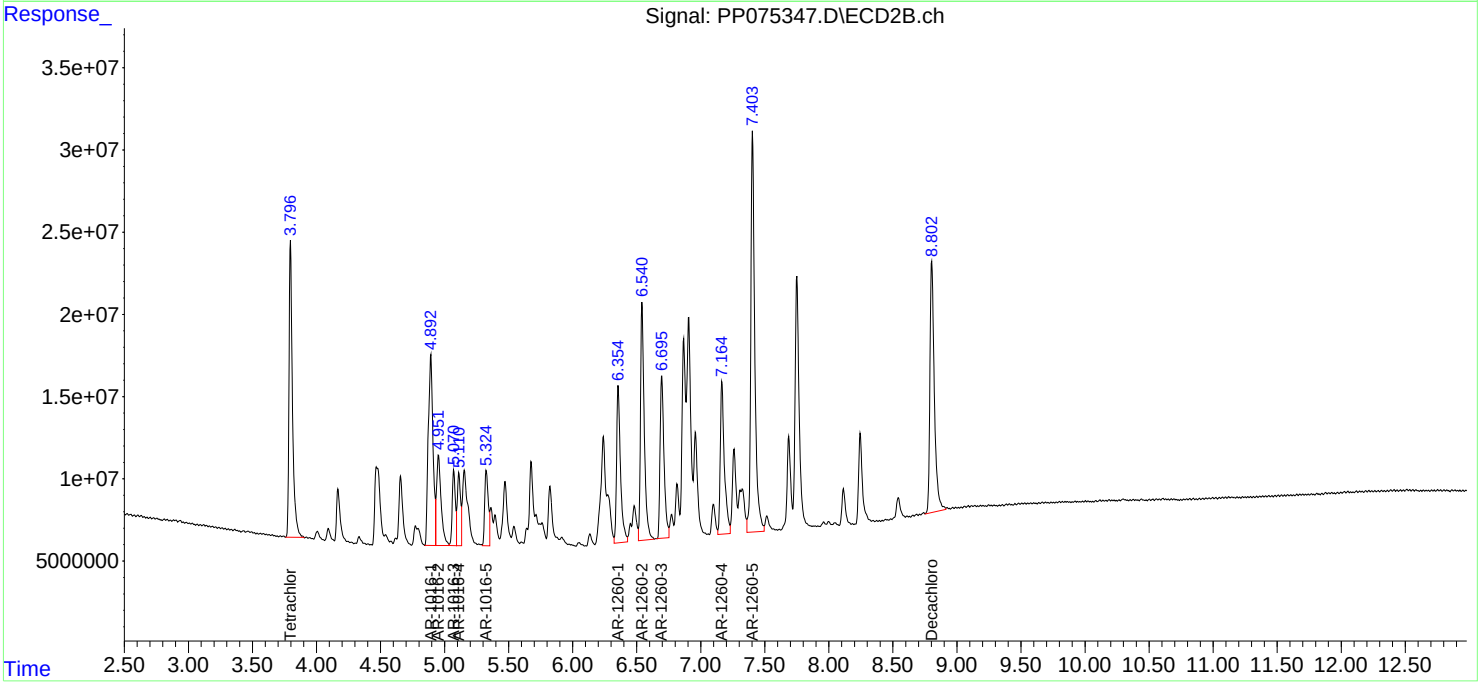
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092625\
Data File : PP075347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 09:42
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

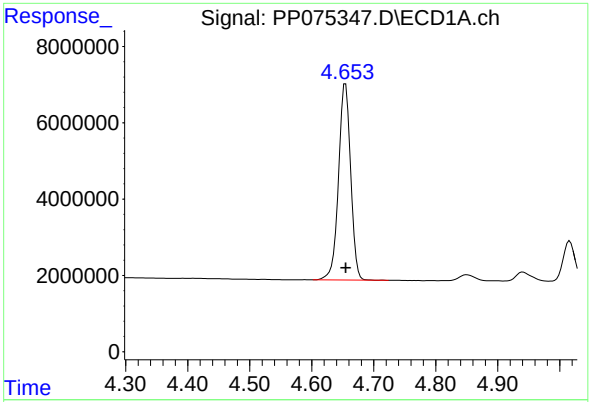
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 02:01:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



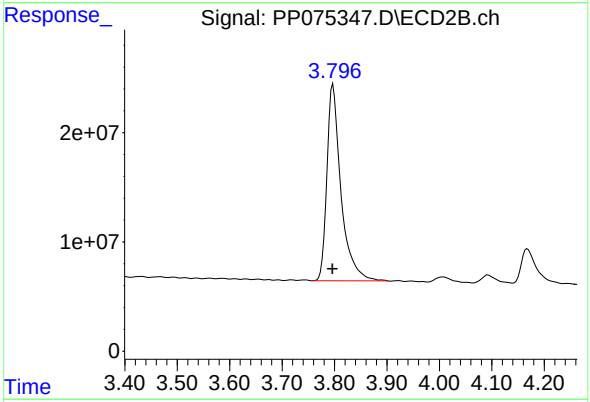




#1 Tetrachloro-m-xylene

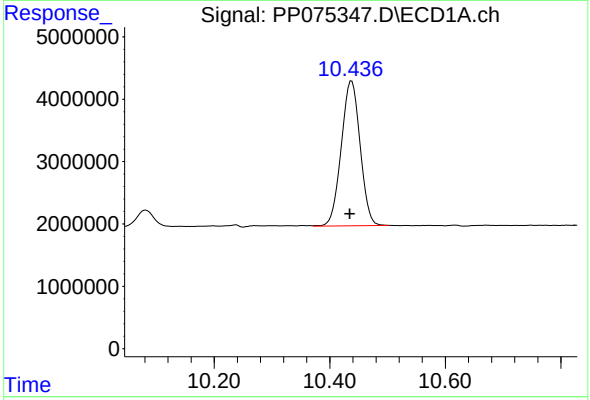
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 70108122
Conc: 53.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



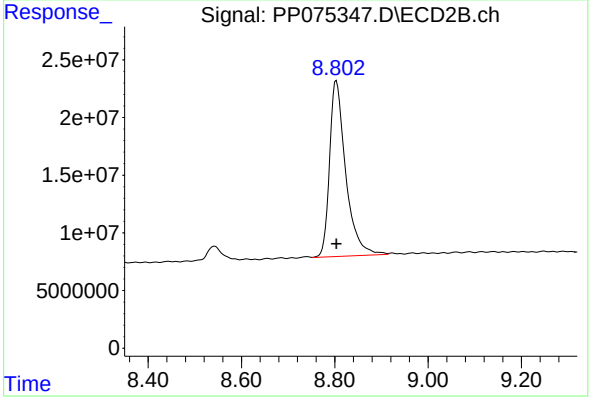
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.001 min
Response: 333300706
Conc: 54.63 ng/ml



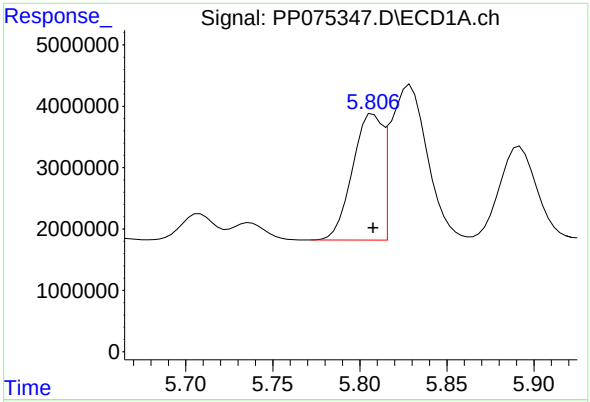
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.003 min
Response: 52438482
Conc: 52.57 ng/ml



#2 Decachlorobiphenyl

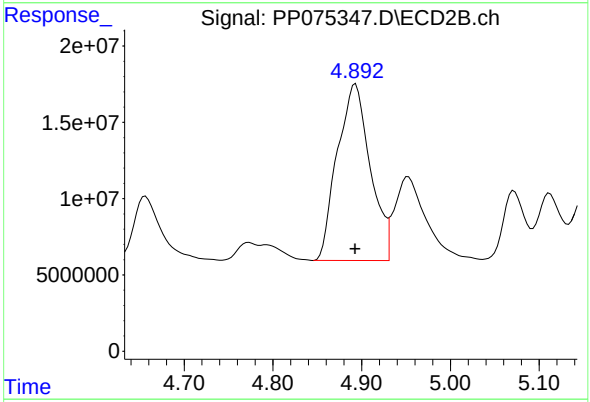
R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 365926057
Conc: 60.66 ng/ml



#3 AR-1016-1

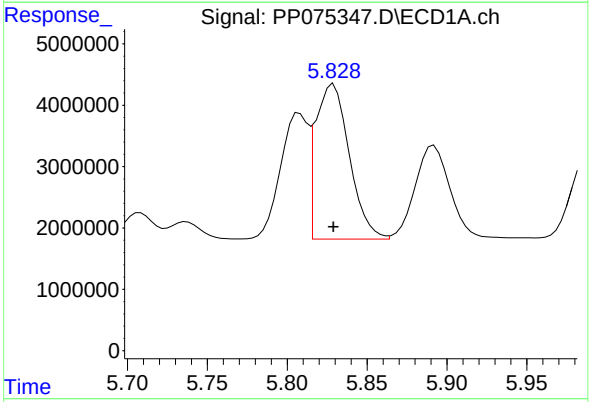
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 24569602
Conc: 510.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



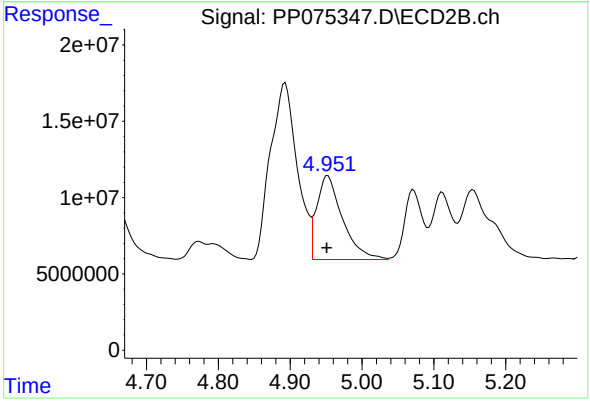
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 298542712
Conc: 532.15 ng/ml



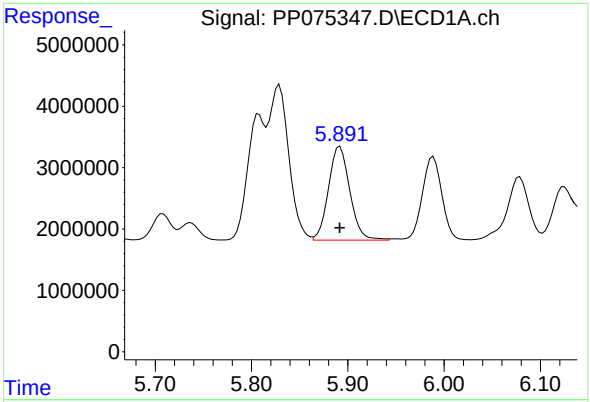
#4 AR-1016-2

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 37200795
Conc: 518.63 ng/ml



#4 AR-1016-2

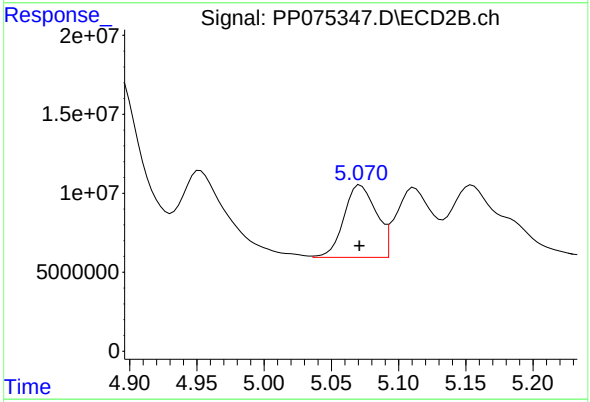
R.T.: 4.952 min
Delta R.T.: 0.001 min
Response: 136785973
Conc: 532.24 ng/ml



#5 AR-1016-3

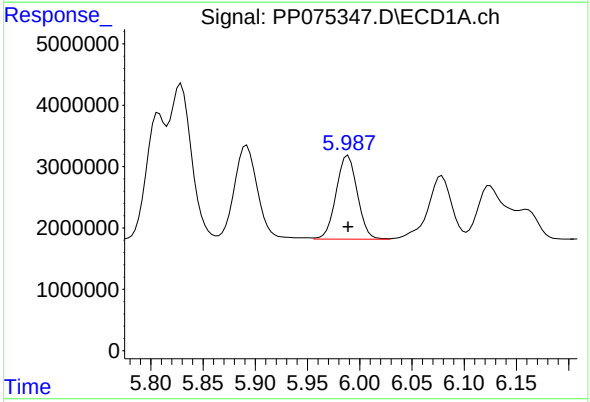
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 23505923
Conc: 505.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



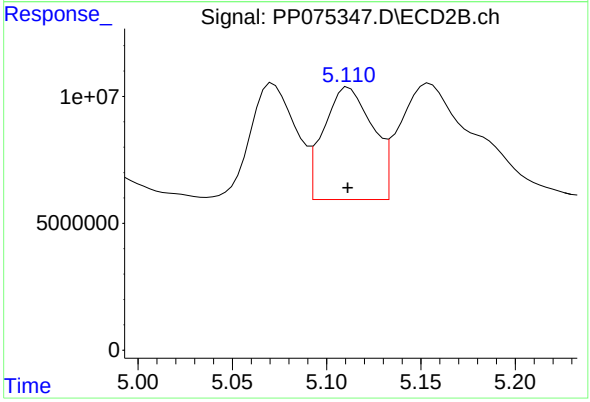
#5 AR-1016-3

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 76839783
Conc: 494.88 ng/ml



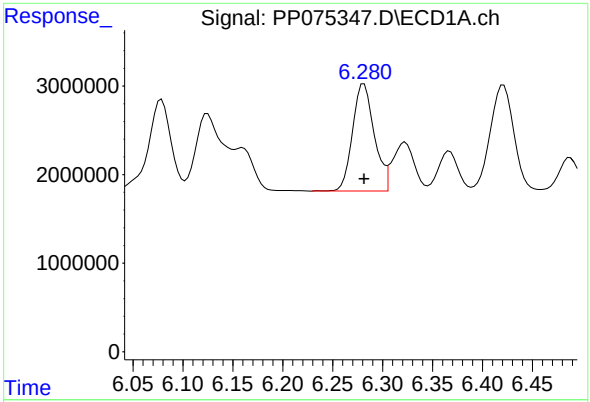
#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 19254050
Conc: 540.29 ng/ml



#6 AR-1016-4

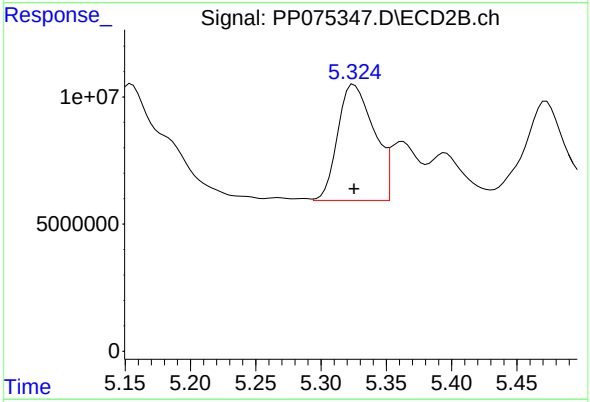
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 80002922
Conc: 544.36 ng/ml



#7 AR-1016-5

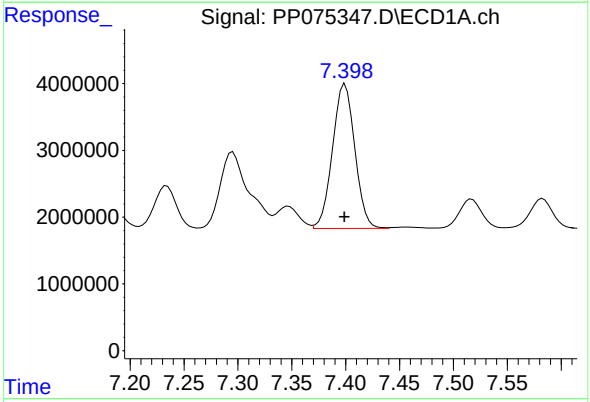
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 18341191
Conc: 543.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



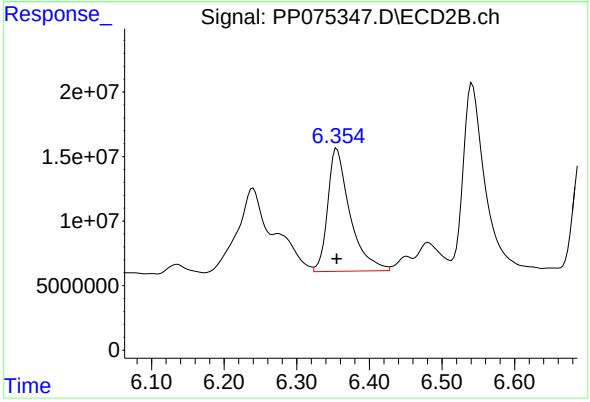
#7 AR-1016-5

R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 88188209
Conc: 539.77 ng/ml



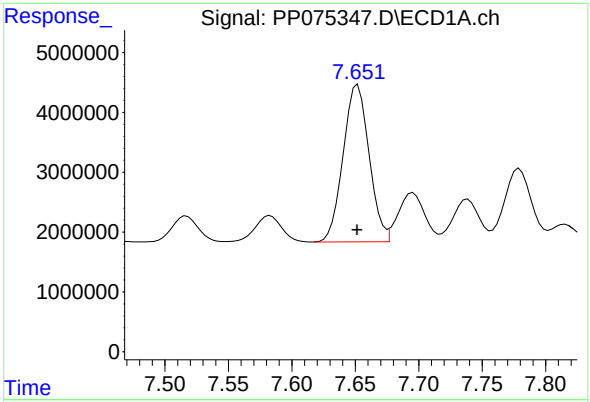
#31 AR-1260-1

R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 31173074
Conc: 518.52 ng/ml



#31 AR-1260-1

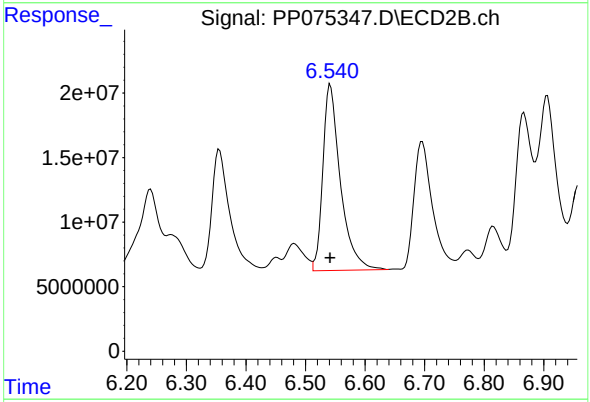
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 203028565
Conc: 500.15 ng/ml



#32 AR-1260-2

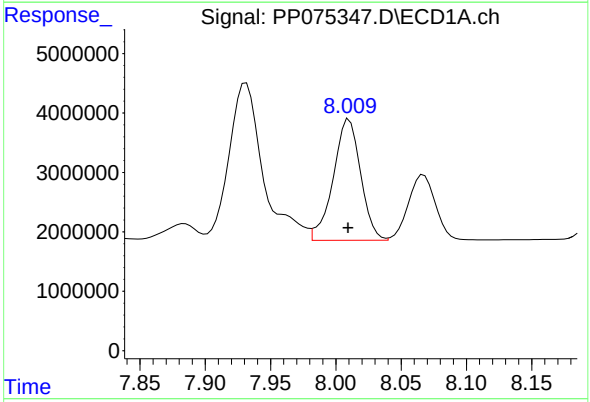
R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 37353281
Conc: 513.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



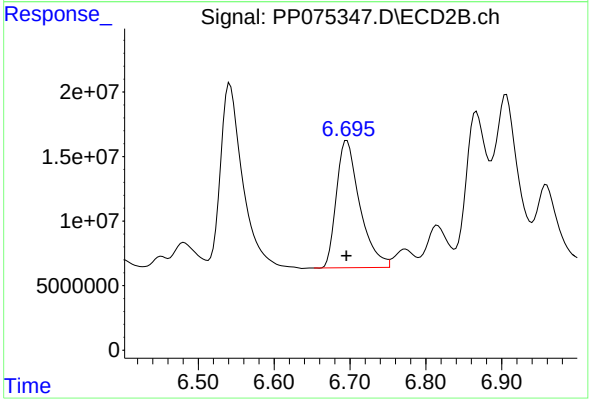
#32 AR-1260-2

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 296027656
Conc: 514.09 ng/ml



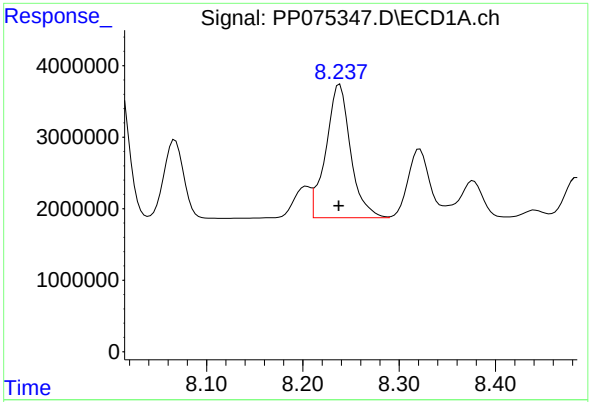
#33 AR-1260-3

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 29817002
Conc: 550.69 ng/ml



#33 AR-1260-3

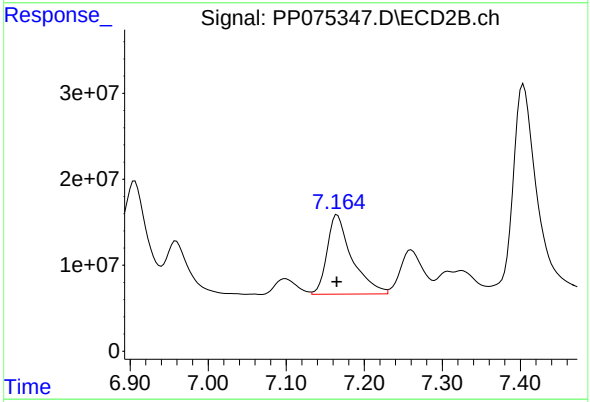
R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 211744764
Conc: 494.63 ng/ml



#34 AR-1260-4

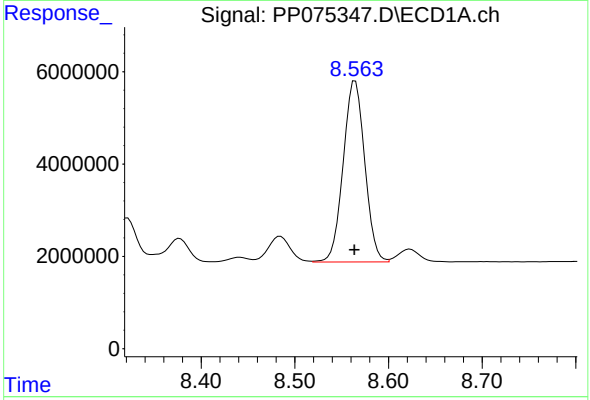
R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 33187621
Conc: 587.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



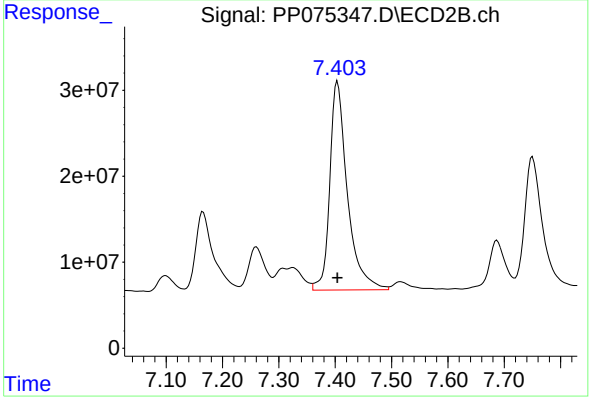
#34 AR-1260-4

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 203832825
Conc: 472.68 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 62805889
Conc: 571.96 ng/ml



#35 AR-1260-5

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 527273226
Conc: 501.22 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/26/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025

Continuing Calib Time: 11:24 **Initial Calibration Time(s):** 08:45 17:14

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)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	5.89	5.79	5.99	-0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.29	6.28	6.18	6.38	-0.01
Aroclor-1260-1	(1)	7.41	7.40	7.30	7.50	-0.01
Aroclor-1260-2	(2)	7.66	7.65	7.55	7.75	-0.01
Aroclor-1260-3	(3)	8.02	8.01	7.91	8.11	-0.01
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	-0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.45	10.43	10.33	10.53	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

Continuing Calib Date: 09/26/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025

Continuing Calib Time: 11:24 **Initial Calibration Time(s):** 08:45 17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.16	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.80	8.80	8.70	8.90	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL06 **Date Analyzed:** 09/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075352.D **Time Analyzed:** 11:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.813	5.708	5.908	512.700	500.000	2.5
Aroclor-1016-2	5.834	5.729	5.929	511.450	500.000	2.3
Aroclor-1016-3	5.897	5.792	5.992	505.880	500.000	1.2
Aroclor-1016-4	5.994	5.889	6.089	539.950	500.000	8.0
Aroclor-1016-5	6.287	6.181	6.381	536.140	500.000	7.2
Aroclor-1260-1	7.405	7.299	7.499	524.760	500.000	5.0
Aroclor-1260-2	7.658	7.551	7.751	496.220	500.000	-0.8
Aroclor-1260-3	8.016	7.909	8.109	551.580	500.000	10.3
Aroclor-1260-4	8.244	8.137	8.337	583.740	500.000	16.7
Aroclor-1260-5	8.570	8.464	8.664	568.790	500.000	13.8
Decachlorobiphenyl	10.445	10.334	10.534	51.500	50.000	3.0
Tetrachloro-m-xylene	4.660	4.555	4.755	53.190	50.000	6.4

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3178

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL06 **Date Analyzed:** 09/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075352.D **Time Analyzed:** 11:24

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.892	4.793	4.993	516.440	500.000	3.3
Aroclor-1016-2	4.951	4.851	5.051	517.110	500.000	3.4
Aroclor-1016-3	5.070	4.971	5.171	468.630	500.000	-6.3
Aroclor-1016-4	5.112	5.011	5.211	494.800	500.000	-1.0
Aroclor-1016-5	5.325	5.225	5.425	501.970	500.000	0.4
Aroclor-1260-1	6.354	6.255	6.455	496.790	500.000	-0.6
Aroclor-1260-2	6.540	6.441	6.641	492.500	500.000	-1.5
Aroclor-1260-3	6.695	6.595	6.795	483.140	500.000	-3.4
Aroclor-1260-4	7.164	7.065	7.265	451.220	500.000	-9.8
Aroclor-1260-5	7.404	7.304	7.504	484.470	500.000	-3.1
Decachlorobiphenyl	8.804	8.703	8.903	59.670	50.000	19.3
Tetrachloro-m-xylene	3.796	3.696	3.896	54.460	50.000	8.9

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092625\
Data File : PP075352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 11:24
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 02:02:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.796	69593693	332.3E6	53.187	54.463
2)	SA Decachlor...	10.445	8.804	51369265	360.0E6	51.496	59.675
	Target Compounds						
3)	L1 AR-1016-1	5.813	4.892	24663245	289.7E6	512.698	516.443
4)	L1 AR-1016-2	5.834	4.951	36685262	132.9E6	511.445	517.109
5)	L1 AR-1016-3	5.897	5.070	23539167	72764028	505.884	468.634
6)	L1 AR-1016-4	5.994	5.112	19241966	72720003	539.949	494.802
7)	L1 AR-1016-5	6.287	5.325	18079486	82012698	536.144	501.968
31)	L7 AR-1260-1	7.405	6.354	31548272	201.7E6	524.759	496.793
32)	L7 AR-1260-2	7.658	6.540	36123628	283.6E6	496.217	492.498
33)	L7 AR-1260-3	8.016	6.695	29865341	206.8E6	551.579	483.145
34)	L7 AR-1260-4	8.244	7.164	33003067	194.6E6	583.741	451.224
35)	L7 AR-1260-5	8.570	7.404	62458222	509.7E6	568.793	484.471

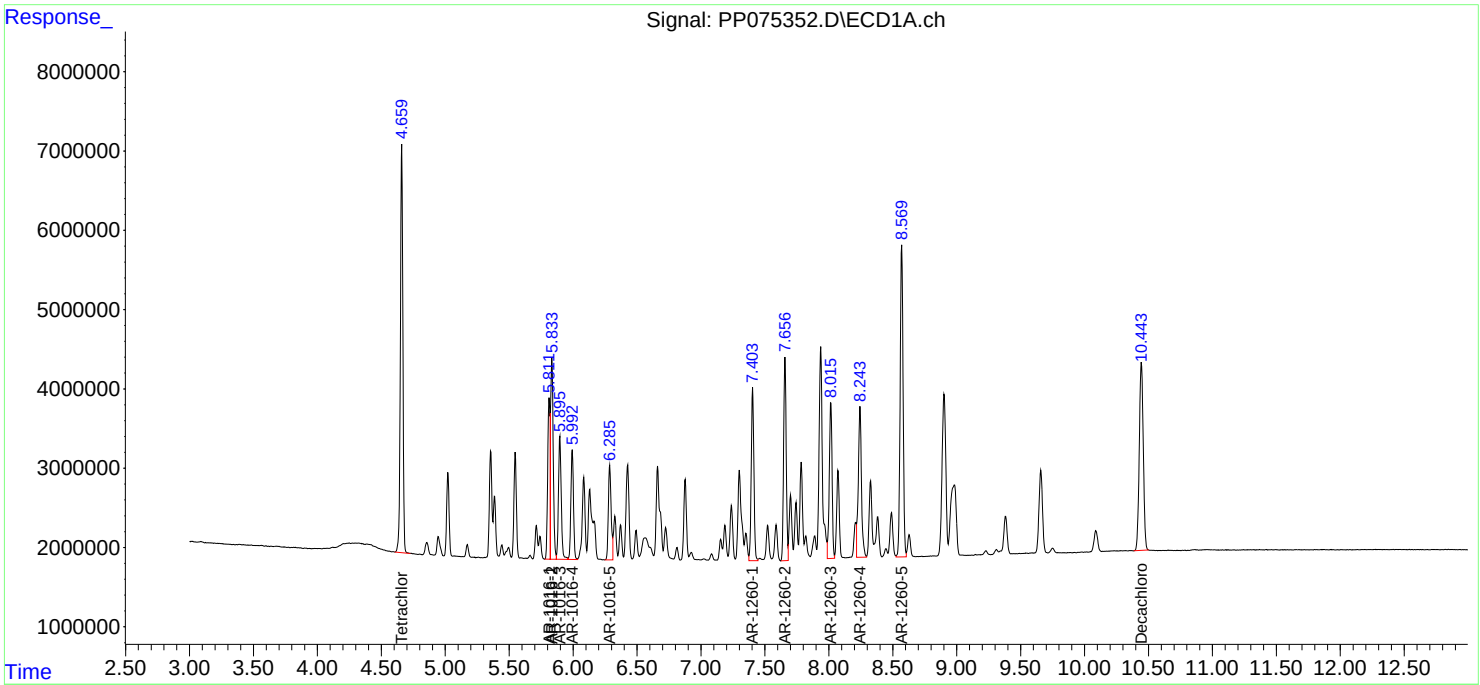
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

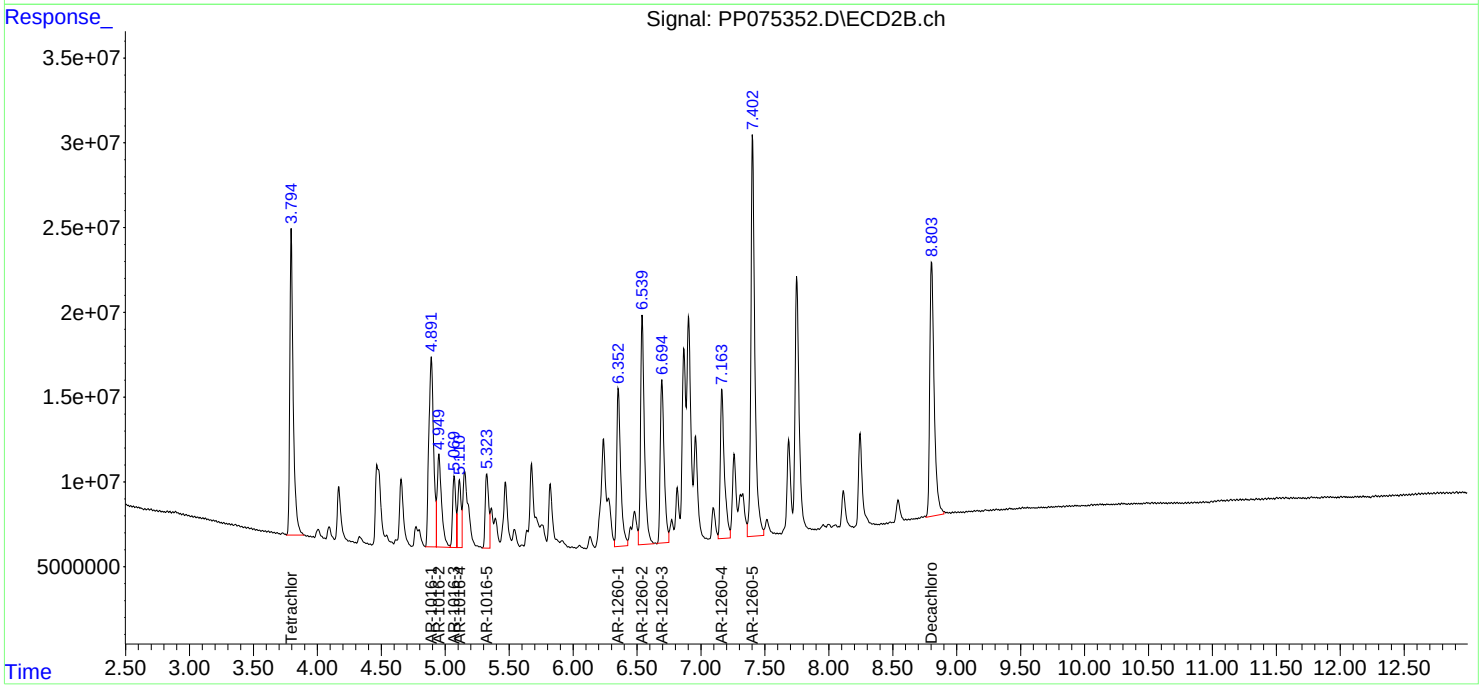
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092625\
Data File : PP075352.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 11:24
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

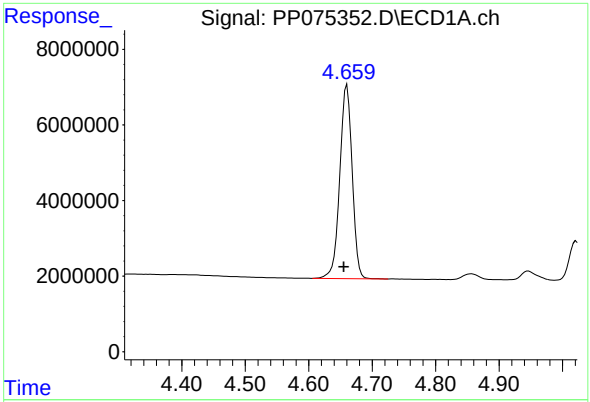
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 02:02:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



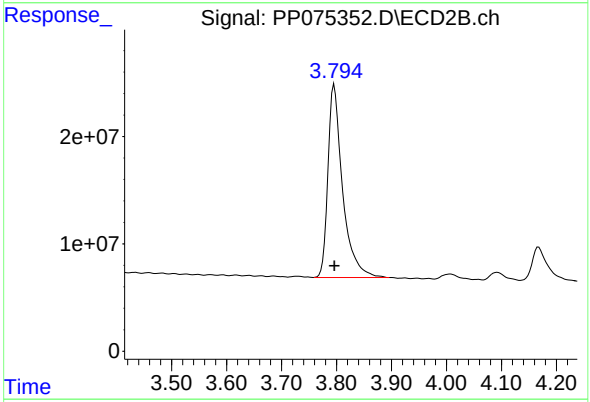




#1 Tetrachloro-m-xylene

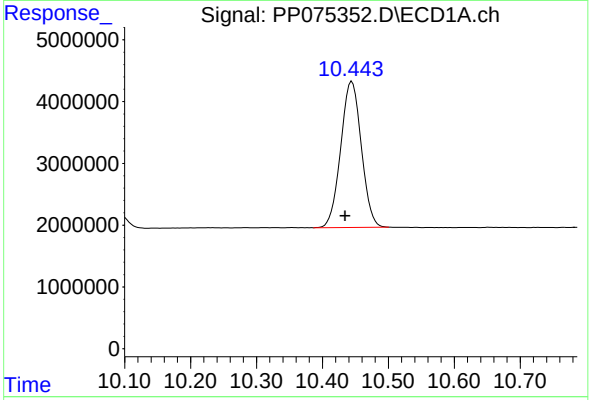
R.T.: 4.660 min
Delta R.T.: 0.005 min
Response: 69593693
Conc: 53.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



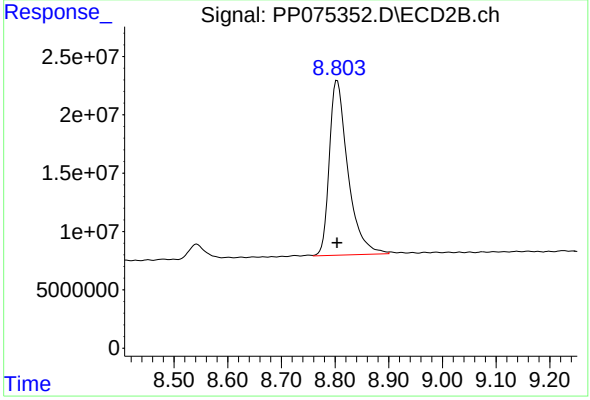
#1 Tetrachloro-m-xylene

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 332274158
Conc: 54.46 ng/ml



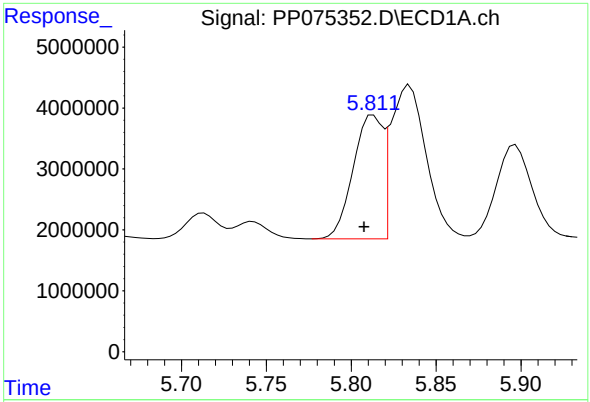
#2 Decachlorobiphenyl

R.T.: 10.445 min
Delta R.T.: 0.010 min
Response: 51369265
Conc: 51.50 ng/ml



#2 Decachlorobiphenyl

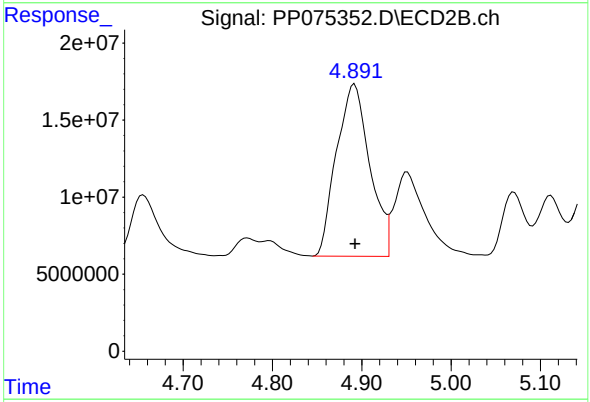
R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 359988980
Conc: 59.67 ng/ml



#3 AR-1016-1

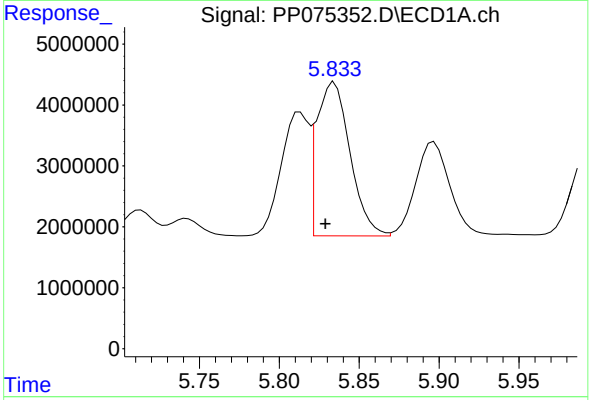
R.T.: 5.813 min
Delta R.T.: 0.005 min
Response: 24663245
Conc: 512.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



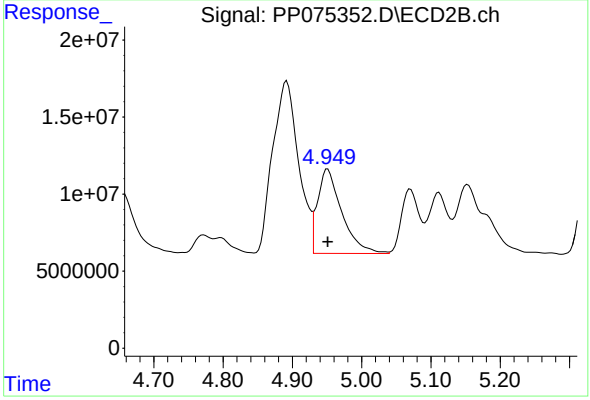
#3 AR-1016-1

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 289731610
Conc: 516.44 ng/ml



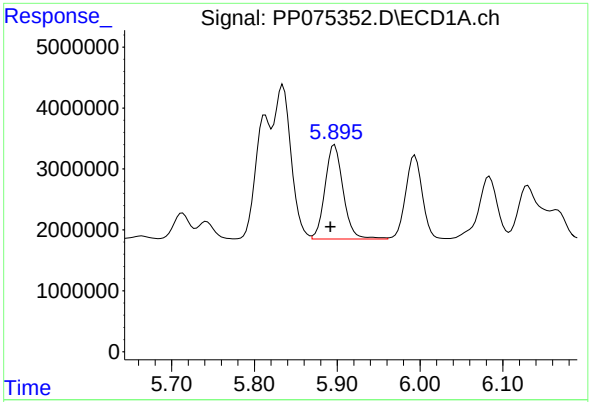
#4 AR-1016-2

R.T.: 5.834 min
Delta R.T.: 0.006 min
Response: 36685262
Conc: 511.45 ng/ml



#4 AR-1016-2

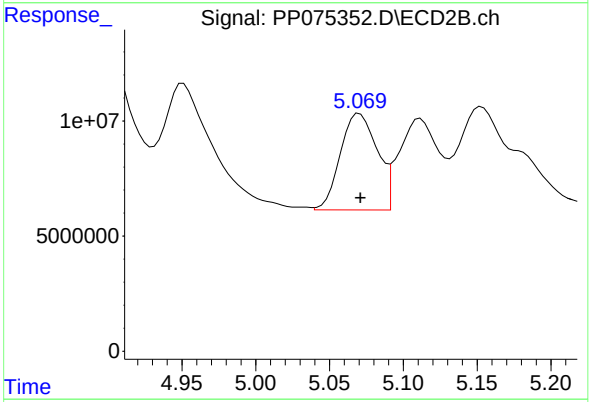
R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 132898176
Conc: 517.11 ng/ml



#5 AR-1016-3

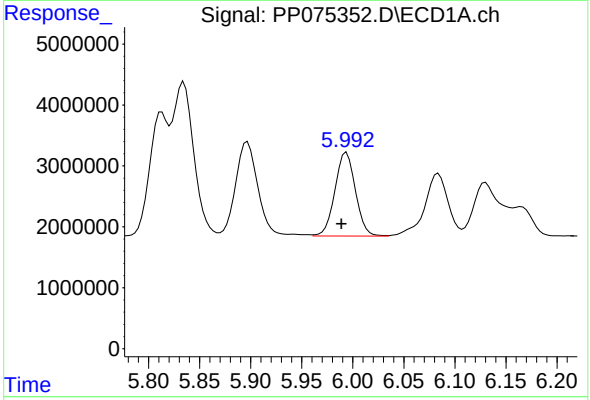
R.T.: 5.897 min
Delta R.T.: 0.005 min
Response: 23539167
Conc: 505.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



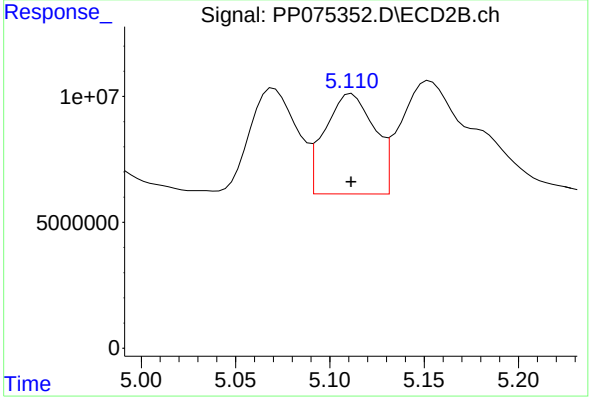
#5 AR-1016-3

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 72764028
Conc: 468.63 ng/ml



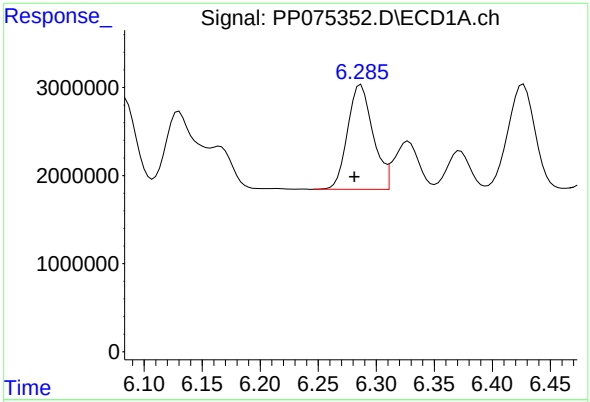
#6 AR-1016-4

R.T.: 5.994 min
Delta R.T.: 0.005 min
Response: 19241966
Conc: 539.95 ng/ml



#6 AR-1016-4

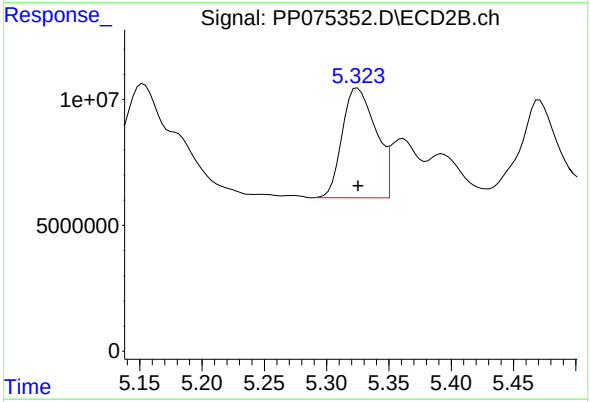
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 72720003
Conc: 494.80 ng/ml



#7 AR-1016-5

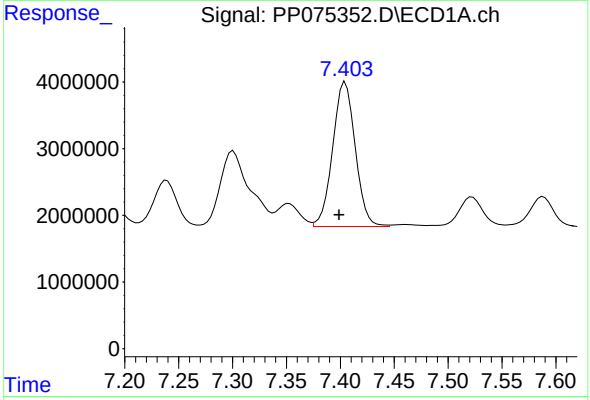
R.T.: 6.287 min
Delta R.T.: 0.005 min
Response: 18079486
Conc: 536.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



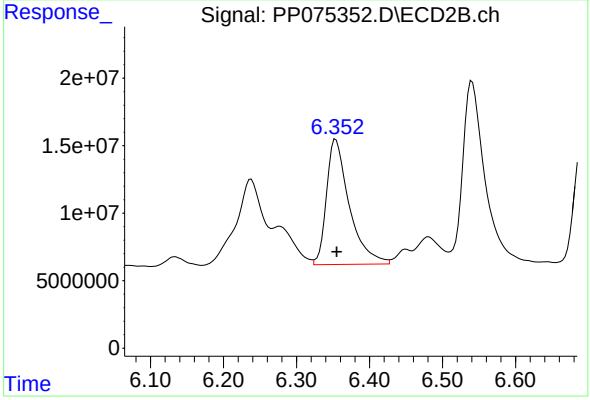
#7 AR-1016-5

R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 82012698
Conc: 501.97 ng/ml



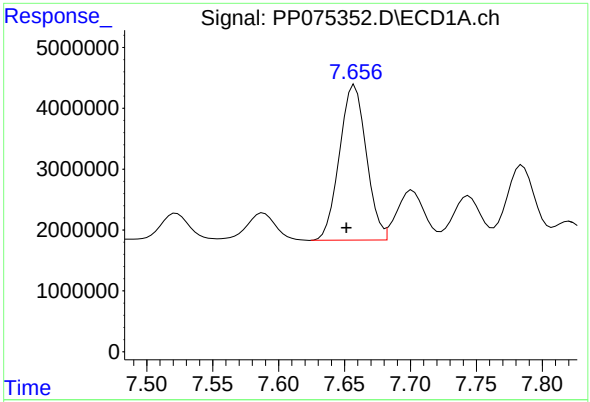
#31 AR-1260-1

R.T.: 7.405 min
Delta R.T.: 0.006 min
Response: 31548272
Conc: 524.76 ng/ml



#31 AR-1260-1

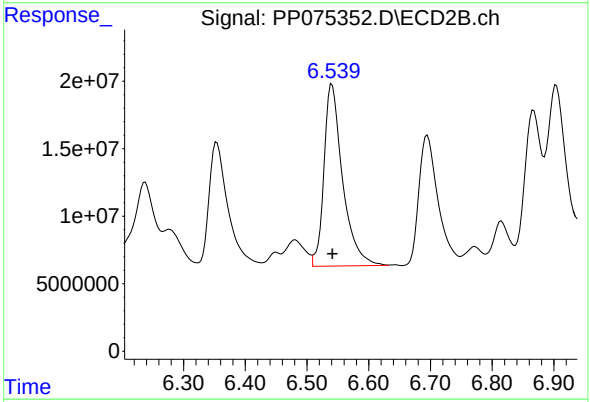
R.T.: 6.354 min
Delta R.T.: -0.001 min
Response: 201665998
Conc: 496.79 ng/ml



#32 AR-1260-2

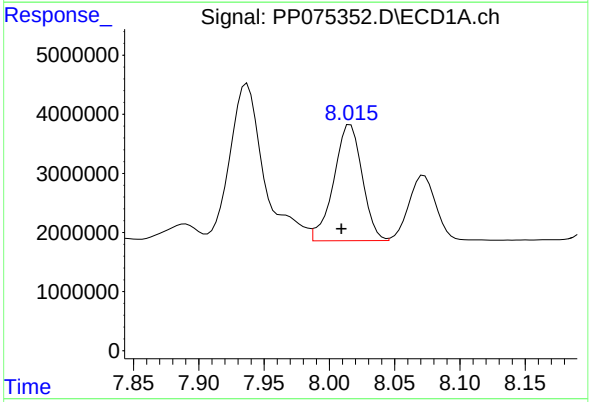
R.T.: 7.658 min
Delta R.T.: 0.006 min
Response: 36123628
Conc: 496.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



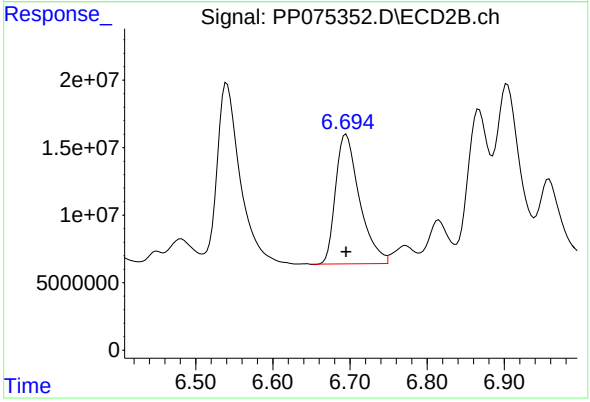
#32 AR-1260-2

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 283594799
Conc: 492.50 ng/ml



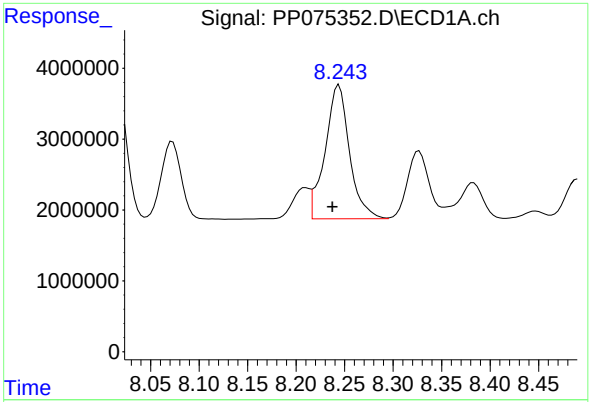
#33 AR-1260-3

R.T.: 8.016 min
Delta R.T.: 0.007 min
Response: 29865341
Conc: 551.58 ng/ml



#33 AR-1260-3

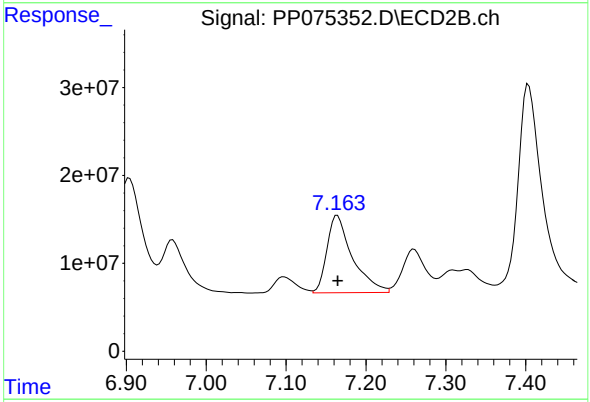
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 206827003
Conc: 483.14 ng/ml



#34 AR-1260-4

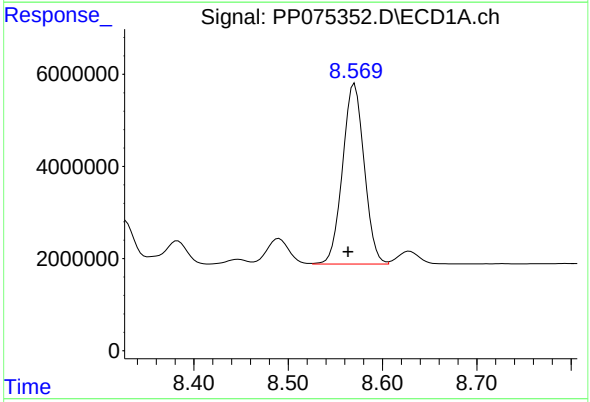
R.T.: 8.244 min
Delta R.T.: 0.007 min
Response: 33003067
Conc: 583.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



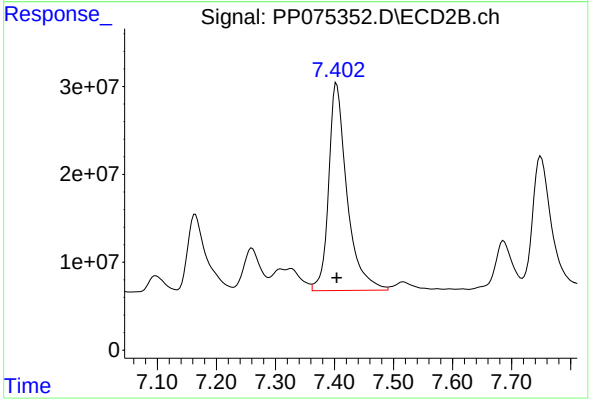
#34 AR-1260-4

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 194578546
Conc: 451.22 ng/ml



#35 AR-1260-5

R.T.: 8.570 min
Delta R.T.: 0.007 min
Response: 62458222
Conc: 568.79 ng/ml



#35 AR-1260-5

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 509658096
Conc: 484.47 ng/ml

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

Analytical Sequence

Client: Weston Solutions, Inc. **SDG No.:** Q3178

Project: RFP 916 **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/15/2025 09/15/2025

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	09/15/2025	09:16	PO113719.D	8.67	3.66
AR1660ICC1000	AR1660ICC1000	09/15/2025	09:34	PO113720.D	8.67	3.66
AR1660ICC750	AR1660ICC750	09/15/2025	09:53	PO113721.D	8.67	3.66
AR1660ICC500	AR1660ICC500	09/15/2025	10:11	PO113722.D	8.67	3.66
AR1660ICC250	AR1660ICC250	09/15/2025	10:30	PO113723.D	8.67	3.66
AR1660ICC050	AR1660ICC050	09/15/2025	10:48	PO113724.D	8.67	3.66
AR1221ICC500	AR1221ICC500	09/15/2025	11:06	PO113725.D	8.67	3.66
AR1232ICC500	AR1232ICC500	09/15/2025	11:25	PO113726.D	8.67	3.66
AR1242ICC1000	AR1242ICC1000	09/15/2025	11:43	PO113727.D	8.67	3.66
AR1242ICC750	AR1242ICC750	09/15/2025	12:02	PO113728.D	8.67	3.66
AR1242ICC500	AR1242ICC500	09/15/2025	12:20	PO113729.D	8.67	3.66
AR1242ICC250	AR1242ICC250	09/15/2025	12:38	PO113730.D	8.67	3.66
AR1242ICC050	AR1242ICC050	09/15/2025	13:34	PO113731.D	8.67	3.66
AR1248ICC1000	AR1248ICC1000	09/15/2025	13:54	PO113732.D	8.67	3.66
AR1248ICC750	AR1248ICC750	09/15/2025	14:13	PO113733.D	8.67	3.66
AR1248ICC500	AR1248ICC500	09/15/2025	14:31	PO113734.D	8.67	3.66
AR1248ICC250	AR1248ICC250	09/15/2025	14:49	PO113735.D	8.67	3.66
AR1248ICC050	AR1248ICC050	09/15/2025	15:26	PO113736.D	8.67	3.66
AR1254ICC1000	AR1254ICC1000	09/15/2025	15:45	PO113737.D	8.67	3.66
AR1254ICC750	AR1254ICC750	09/15/2025	16:02	PO113738.D	8.67	3.66
AR1254ICC500	AR1254ICC500	09/15/2025	16:20	PO113739.D	8.67	3.66
AR1254ICC250	AR1254ICC250	09/15/2025	16:38	PO113740.D	8.67	3.66
AR1254ICC050	AR1254ICC050	09/15/2025	17:14	PO113741.D	8.67	3.66
AR1262ICC500	AR1262ICC500	09/15/2025	17:33	PO113742.D	8.67	3.66
AR1268ICC1000	AR1268ICC1000	09/15/2025	17:51	PO113743.D	8.67	3.66
AR1268ICC750	AR1268ICC750	09/15/2025	18:10	PO113744.D	8.67	3.66
AR1268ICC500	AR1268ICC500	09/15/2025	18:27	PO113745.D	8.67	3.66
AR1268ICC250	AR1268ICC250	09/15/2025	18:45	PO113746.D	8.67	3.66
AR1268ICC050	AR1268ICC050	09/15/2025	19:21	PO113747.D	8.67	3.66
AR1660CCC500	AR1660CCC500	09/25/2025	15:17	PO114029.D	8.67	3.66
I.BLK	I.BLK	09/25/2025	16:27	PO114033.D	8.67	3.66
EME-TS14-01	Q3178-01	09/25/2025	17:37	PO114037.D	8.67	3.66
EME-TS14-01MS	Q3178-02MS	09/25/2025	17:54	PO114038.D	8.67	3.66
EME-TS14-01MSD	Q3178-03MSD	09/25/2025	18:11	PO114039.D	8.67	3.66
AR1660CCC500	AR1660CCC500	09/25/2025	20:06	PO114043.D	8.67	3.66
I.BLK	I.BLK	09/25/2025	21:52	PO114047.D	8.67	3.66
I.BLK	I.BLK	09/23/2025	08:29	PP075246.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	10.43	4.65
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	10.44	4.66
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	10.43	4.66
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	10.43	4.66
AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	10.45	4.66

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

Analytical Sequence

AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	10.44	4.66
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	10.44	4.66
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	10.44	4.66
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	10.44	4.66
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	10.44	4.66
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	10.43	4.66
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	10.44	4.66
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	10.44	4.66
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	10.44	4.66
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	10.44	4.66
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	10.44	4.66
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	10.44	4.66
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	10.44	4.66
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	10.43	4.66
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	10.44	4.66
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	10.44	4.66
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	10.44	4.66
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	10.44	4.66
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	10.44	4.66
AR1660CCC500	AR1660CCC500	09/25/2025	14:57	PP075326.D	10.44	4.66
I.BLK	I.BLK	09/25/2025	16:02	PP075330.D	10.44	4.66
PB169825BL	PB169825BL	09/25/2025	18:51	PP075339.D	10.44	4.66
AR1660CCC500	AR1660CCC500	09/25/2025	20:13	PP075341.D	10.44	4.66
I.BLK	I.BLK	09/25/2025	21:18	PP075345.D	10.44	4.66
AR1660CCC500	AR1660CCC500	09/26/2025	09:42	PP075347.D	10.44	4.66
I.BLK	I.BLK	09/26/2025	10:02	PP075348.D	10.45	4.66
PB169825BS	PB169825BS	09/26/2025	10:35	PP075349.D	10.44	4.66
AR1660CCC500	AR1660CCC500	09/26/2025	11:24	PP075352.D	10.45	4.66
I.BLK	I.BLK	09/26/2025	12:30	PP075356.D	10.44	4.66

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

Analytical Sequence

Client: Weston Solutions, Inc. **SDG No.:** Q3178

Project: RFP 916 **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/15/2025 09/15/2025

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	09/15/2025	09:16	PO113719.D	8.62	3.65
AR1660ICC1000	AR1660ICC1000	09/15/2025	09:34	PO113720.D	8.61	3.65
AR1660ICC750	AR1660ICC750	09/15/2025	09:53	PO113721.D	8.62	3.65
AR1660ICC500	AR1660ICC500	09/15/2025	10:11	PO113722.D	8.61	3.65
AR1660ICC250	AR1660ICC250	09/15/2025	10:30	PO113723.D	8.62	3.65
AR1660ICC050	AR1660ICC050	09/15/2025	10:48	PO113724.D	8.62	3.65
AR1221ICC500	AR1221ICC500	09/15/2025	11:06	PO113725.D	8.61	3.65
AR1232ICC500	AR1232ICC500	09/15/2025	11:25	PO113726.D	8.62	3.65
AR1242ICC1000	AR1242ICC1000	09/15/2025	11:43	PO113727.D	8.62	3.65
AR1242ICC750	AR1242ICC750	09/15/2025	12:02	PO113728.D	8.62	3.65
AR1242ICC500	AR1242ICC500	09/15/2025	12:20	PO113729.D	8.62	3.65
AR1242ICC250	AR1242ICC250	09/15/2025	12:38	PO113730.D	8.62	3.65
AR1242ICC050	AR1242ICC050	09/15/2025	13:34	PO113731.D	8.62	3.65
AR1248ICC1000	AR1248ICC1000	09/15/2025	13:54	PO113732.D	8.62	3.65
AR1248ICC750	AR1248ICC750	09/15/2025	14:13	PO113733.D	8.62	3.65
AR1248ICC500	AR1248ICC500	09/15/2025	14:31	PO113734.D	8.61	3.65
AR1248ICC250	AR1248ICC250	09/15/2025	14:49	PO113735.D	8.62	3.65
AR1248ICC050	AR1248ICC050	09/15/2025	15:26	PO113736.D	8.62	3.65
AR1254ICC1000	AR1254ICC1000	09/15/2025	15:45	PO113737.D	8.62	3.65
AR1254ICC750	AR1254ICC750	09/15/2025	16:02	PO113738.D	8.61	3.65
AR1254ICC500	AR1254ICC500	09/15/2025	16:20	PO113739.D	8.62	3.65
AR1254ICC250	AR1254ICC250	09/15/2025	16:38	PO113740.D	8.61	3.65
AR1254ICC050	AR1254ICC050	09/15/2025	17:14	PO113741.D	8.62	3.65
AR1262ICC500	AR1262ICC500	09/15/2025	17:33	PO113742.D	8.62	3.65
AR1268ICC1000	AR1268ICC1000	09/15/2025	17:51	PO113743.D	8.62	3.65
AR1268ICC750	AR1268ICC750	09/15/2025	18:10	PO113744.D	8.61	3.65
AR1268ICC500	AR1268ICC500	09/15/2025	18:27	PO113745.D	8.61	3.65
AR1268ICC250	AR1268ICC250	09/15/2025	18:45	PO113746.D	8.62	3.65
AR1268ICC050	AR1268ICC050	09/15/2025	19:21	PO113747.D	8.61	3.65
AR1660CCC500	AR1660CCC500	09/25/2025	15:17	PO114029.D	8.61	3.65
I.BLK	I.BLK	09/25/2025	16:27	PO114033.D	8.61	3.65
EME-TS14-01	Q3178-01	09/25/2025	17:37	PO114037.D	8.61	3.65
EME-TS14-01MS	Q3178-02MS	09/25/2025	17:54	PO114038.D	8.61	3.65
EME-TS14-01MSD	Q3178-03MSD	09/25/2025	18:11	PO114039.D	8.61	3.65
AR1660CCC500	AR1660CCC500	09/25/2025	20:06	PO114043.D	8.61	3.65
I.BLK	I.BLK	09/25/2025	21:52	PO114047.D	8.61	3.65
I.BLK	I.BLK	09/23/2025	08:29	PP075246.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	8.81	3.80
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	8.80	3.80
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	8.80	3.80
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	8.80	3.80
AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	8.81	3.80

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

Analytical Sequence

AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	8.81	3.80
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	8.81	3.80
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	8.81	3.80
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	8.81	3.80
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	8.81	3.80
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	8.81	3.80
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	8.80	3.80
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	8.80	3.80
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	8.81	3.80
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	8.80	3.80
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	8.81	3.80
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	8.80	3.80
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	8.81	3.80
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	8.81	3.80
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	8.81	3.80
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	8.81	3.80
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	8.81	3.80
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	8.81	3.80
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	8.81	3.80
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	8.81	3.80
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	8.81	3.80
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	8.80	3.80
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/25/2025	14:57	PP075326.D	8.80	3.80
I.BLK	I.BLK	09/25/2025	16:02	PP075330.D	8.81	3.80
PB169825BL	PB169825BL	09/25/2025	18:51	PP075339.D	8.80	3.80
AR1660CCC500	AR1660CCC500	09/25/2025	20:13	PP075341.D	8.80	3.80
I.BLK	I.BLK	09/25/2025	21:18	PP075345.D	8.80	3.80
AR1660CCC500	AR1660CCC500	09/26/2025	09:42	PP075347.D	8.80	3.80
I.BLK	I.BLK	09/26/2025	10:02	PP075348.D	8.80	3.79
PB169825BS	PB169825BS	09/26/2025	10:35	PP075349.D	8.81	3.79
AR1660CCC500	AR1660CCC500	09/26/2025	11:24	PP075352.D	8.80	3.80
I.BLK	I.BLK	09/26/2025	12:30	PP075356.D	8.81	3.80

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

EME-TS14-01MS

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3178

Lab Sample ID: Q3178-02MS Date(s) Analyzed: 09/25/2025 09/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO114038.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.74	4.69	4.79	268		
	2	4.758	4.708	4.808	270		
	3	4.815	4.765	4.865	264		
COLUMN 1	4	4.934	4.884	4.984	258		
	5	5.19	5.14	5.24	261	264	
	1	4.721	4.671	4.771	257		
	2	4.739	4.689	4.789	257		
	3	4.914	4.864	4.964	255		
	4	4.956	4.906	5.006	245		
COLUMN 2	5	5.168	5.118	5.218	251	253	4.26
Aroclor-1260	1	6.224	6.174	6.274	258		
	2	6.414	6.364	6.464	221		
	3	6.779	6.729	6.829	187		
COLUMN 1	4	7.038	6.988	7.088	229		
	5	7.282	7.232	7.332	228	225	
	1	6.194	6.144	6.244	231		
	2	6.382	6.332	6.432	202		
	3	6.532	6.482	6.582	212		
	4	7.001	6.951	7.051	184		
COLUMN 2	5	7.244	7.194	7.294	179	201	11.27

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

EME-TS14-01MSD

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3178

Lab Sample ID: Q3178-03MSD Date(s) Analyzed: 09/25/2025 09/25/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO114039.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.74	4.69	4.79	269		
	2	4.758	4.708	4.808	273		
	3	4.815	4.765	4.865	264		
COLUMN 1	4	4.934	4.884	4.984	260		
	5	5.19	5.14	5.24	263	266	
	1	4.721	4.671	4.771	257		
	2	4.738	4.688	4.788	259		
	3	4.913	4.863	4.963	256		
	4	4.956	4.906	5.006	245		
COLUMN 2	5	5.167	5.117	5.217	251	254	4.62
Aroclor-1260	1	6.225	6.175	6.275	265		
	2	6.415	6.365	6.465	225		
	3	6.78	6.73	6.83	187		
COLUMN 1	4	7.038	6.988	7.088	227		
	5	7.283	7.233	7.333	226	226	
	1	6.193	6.143	6.243	232		
	2	6.381	6.331	6.431	203		
	3	6.532	6.482	6.582	212		
	4	7.001	6.951	7.051	184		
COLUMN 2	5	7.243	7.193	7.293	179	202	11.21

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169825BS

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3178

Lab Sample ID: PB169825BS Date(s) Analyzed: 09/26/2025 09/26/2025

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

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

Data file PP075349.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.808	5.758	5.858	135		
	2	5.829	5.779	5.879	138		
	3	5.892	5.842	5.942	137		
COLUMN 1	4	5.989	5.939	6.039	145		
	5	6.282	6.232	6.332	136	138	
	1	4.892	4.842	4.942	138		
	2	4.95	4.9	5	161		
	3	5.07	5.02	5.12	155		
	4	5.112	5.062	5.162	117		
COLUMN 2	5	5.327	5.277	5.377	135	141	2.15
Aroclor-1260	1	7.401	7.351	7.451	164		
	2	7.653	7.603	7.703	146		
	3	8.012	7.962	8.062	133		
COLUMN 1	4	8.239	8.189	8.289	150		
	5	8.566	8.516	8.616	143	147	
	1	6.354	6.304	6.404	155		
	2	6.54	6.49	6.59	192		
	3	6.694	6.644	6.744	137		
	4	7.164	7.114	7.214	112		
COLUMN 2	5	7.404	7.354	7.454	113	142	3.46

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:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 916		Date Received:		
Client Sample ID:	PB169825BL		SDG No.:	Q3178	
Lab Sample ID:	PB169825BL		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075339.D	1	09/25/25 08:50	09/25/25 18:51	PB169825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.5		32 - 144	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.4		32 - 175	122%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092525\
Data File : PP075339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 18:51
Operator : YP\AJ
Sample : PB169825BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169825BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 08:18:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.661	3.798	29469650	120.8E6	22.522	19.800
2)	SA Decachlor...	10.443	8.804	22075641	147.0E6	22.130	24.362
	Target Compounds						

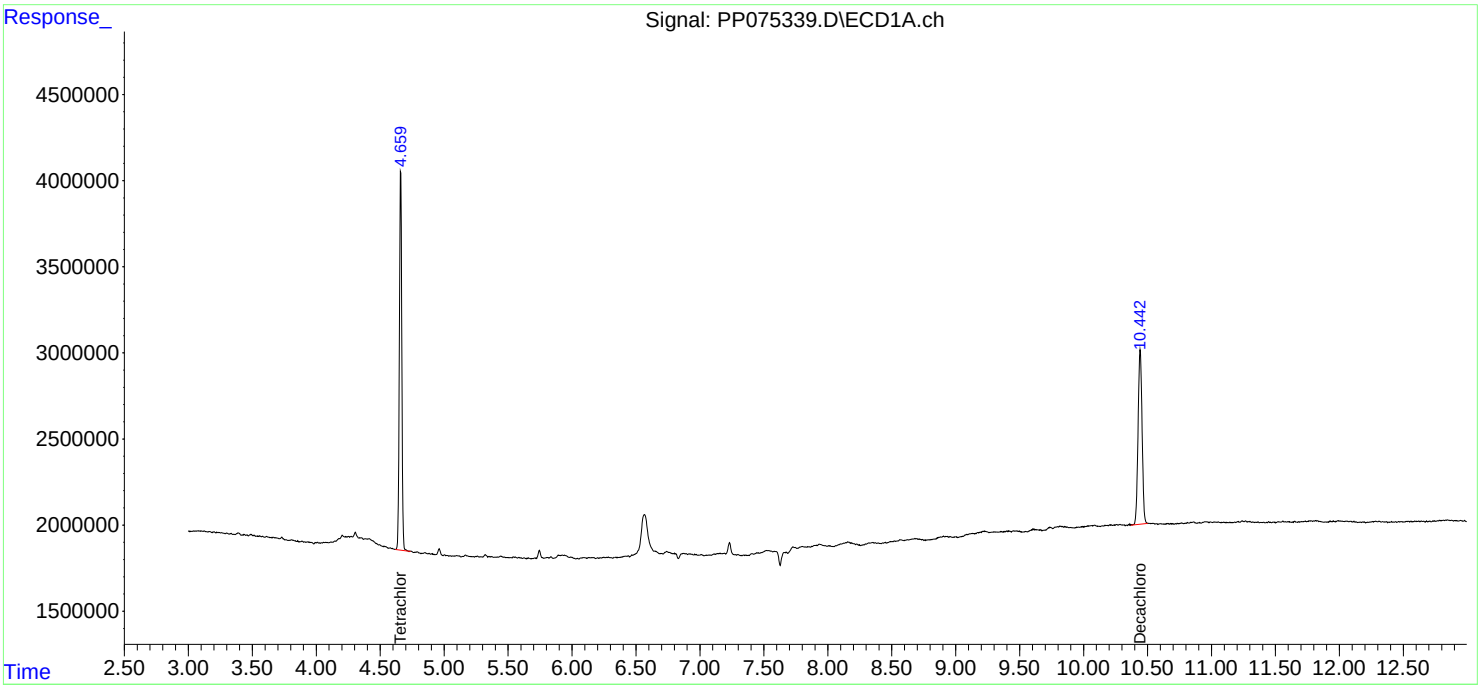
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

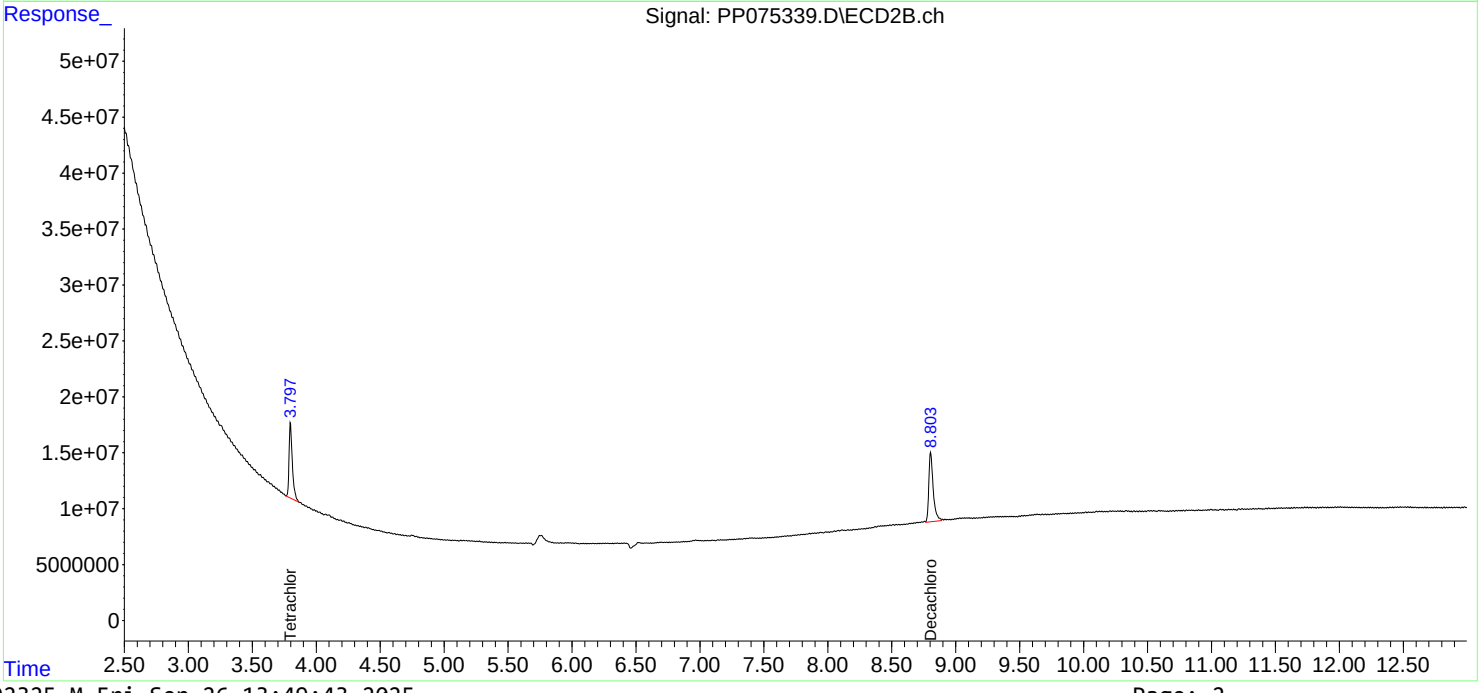
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092525\
Data File : PP075339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 18:51
Operator : YP\AJ
Sample : PB169825BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

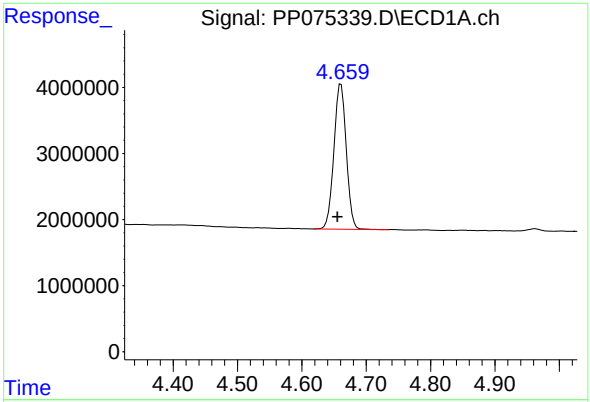
Instrument :
ECD_P
ClientSampleId :
PB169825BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 08:18:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



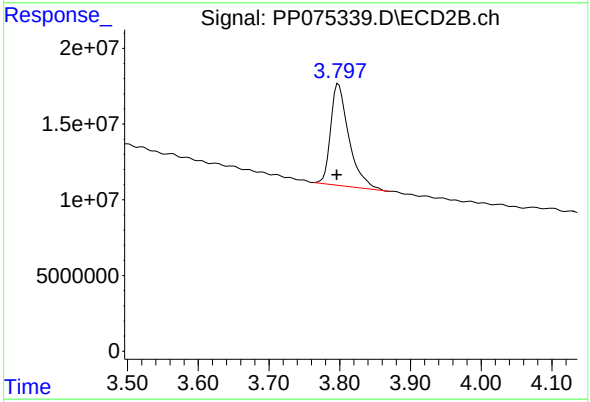




#1 Tetrachloro-m-xylene

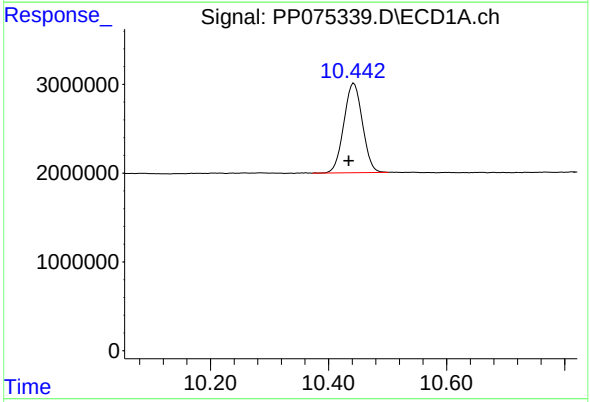
R.T.: 4.661 min
Delta R.T.: 0.006 min
Response: 29469650
Conc: 22.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169825BL



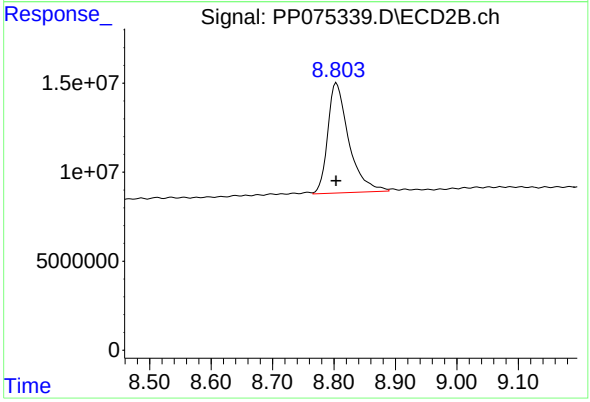
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.002 min
Response: 120794718
Conc: 19.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.443 min
Delta R.T.: 0.009 min
Response: 22075641
Conc: 22.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 146963838
Conc: 24.36 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/15/25
Project:	RFP 916	Date Received:	09/15/25
Client Sample ID:	PIBLK-PO113719.D	SDG No.:	Q3178
Lab Sample ID:	I.BLK-PO113719.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113719.D	1		09/15/25	po091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	86%	SPK: 20

Comments:

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\PO091525\
Data File : PO113719.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 09:16
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: Sep 16 03:17:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.650	149.9E6	90826369	16.992	17.005
2)	SA Decachlor...	8.670	8.615	115.6E6	37797688	17.280	18.105
	Target Compounds						

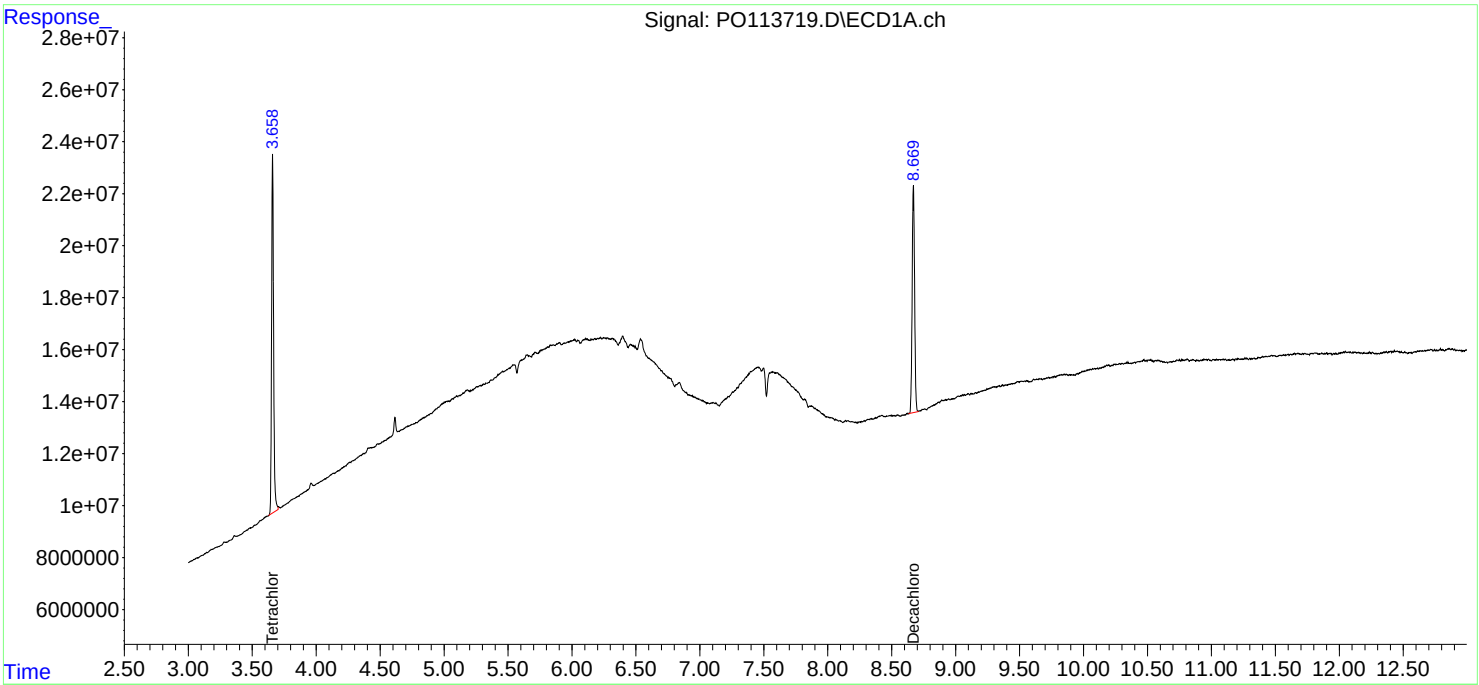
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

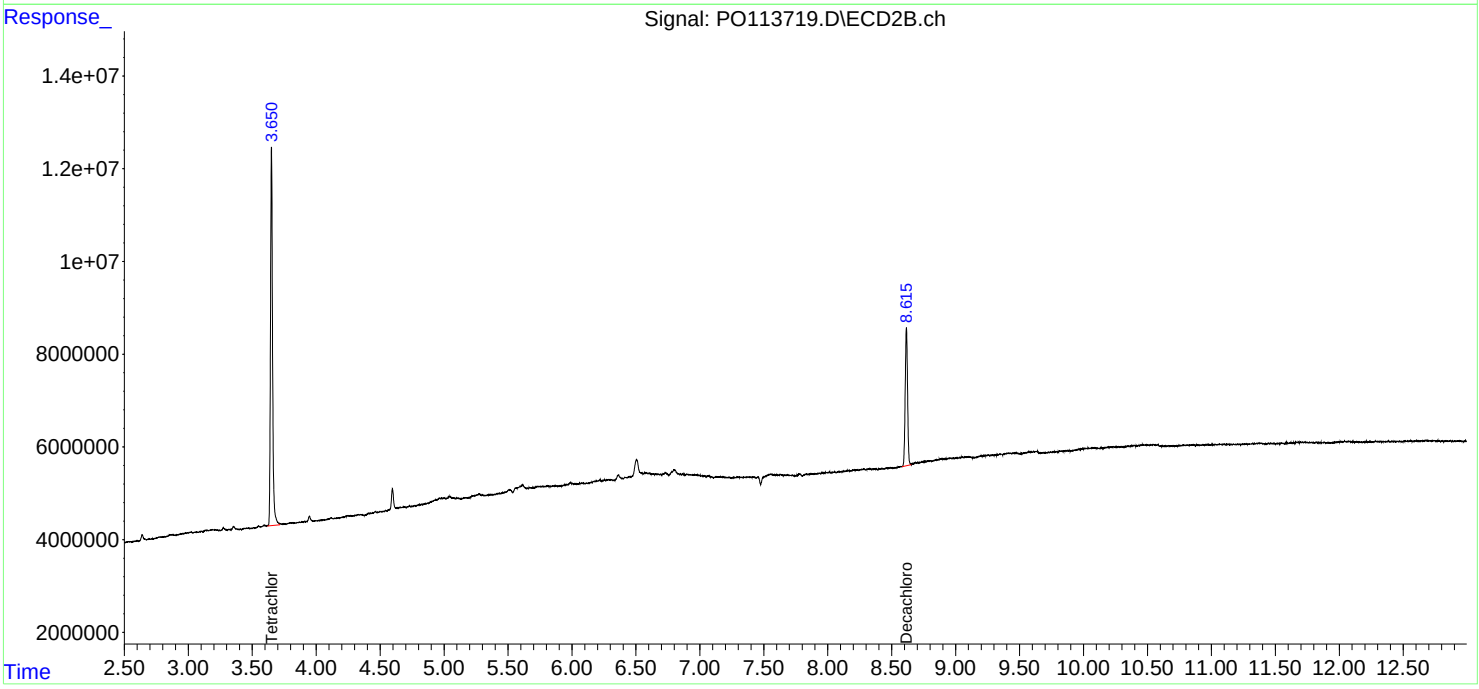
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091525\
Data File : PO113719.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2025 09:16
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

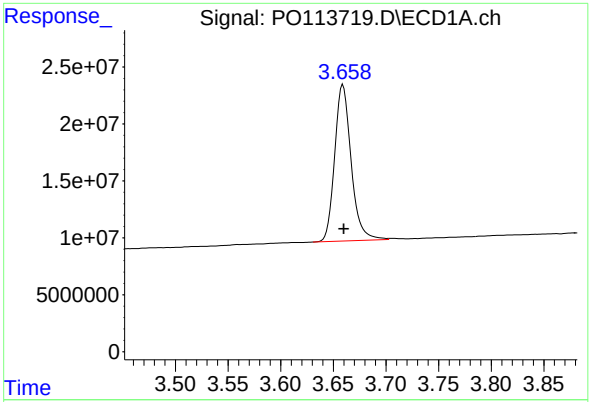
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 03:17:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



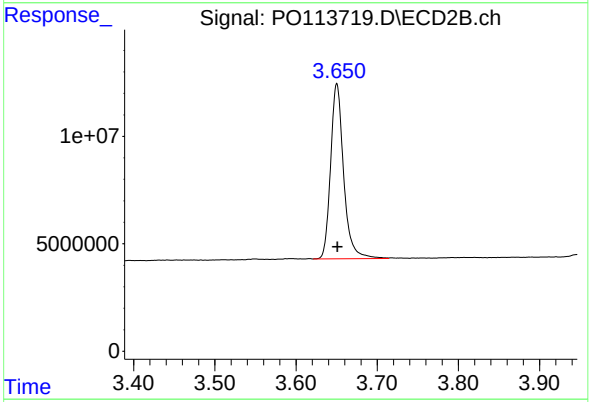




#1 Tetrachloro-m-xylene

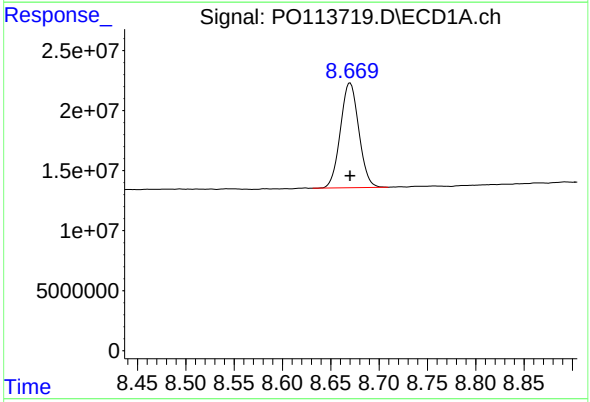
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 149864244
Conc: 16.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



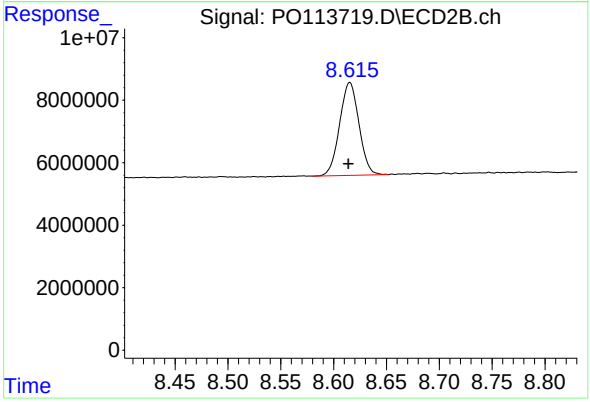
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 90826369
Conc: 17.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 115604769
Conc: 17.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.615 min
Delta R.T.: 0.001 min
Response: 37797688
Conc: 18.10 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/25/25
Project:	RFP 916	Date Received:	09/25/25
Client Sample ID:	PIBLK-PO114033.D	SDG No.:	Q3178
Lab Sample ID:	I.BLK-PO114033.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114033.D	1		09/25/25	po092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.0		60 - 140	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		60 - 140	84%	SPK: 20

Comments:

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\PO092525\
Data File : PO114033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 16:27
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: Sep 26 02:36:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.658	3.650	166.0E6	96314677	18.821	18.033
2)	SA Decachlor...	8.666	8.612	112.1E6	37568472	16.751	17.995
	Target Compounds						

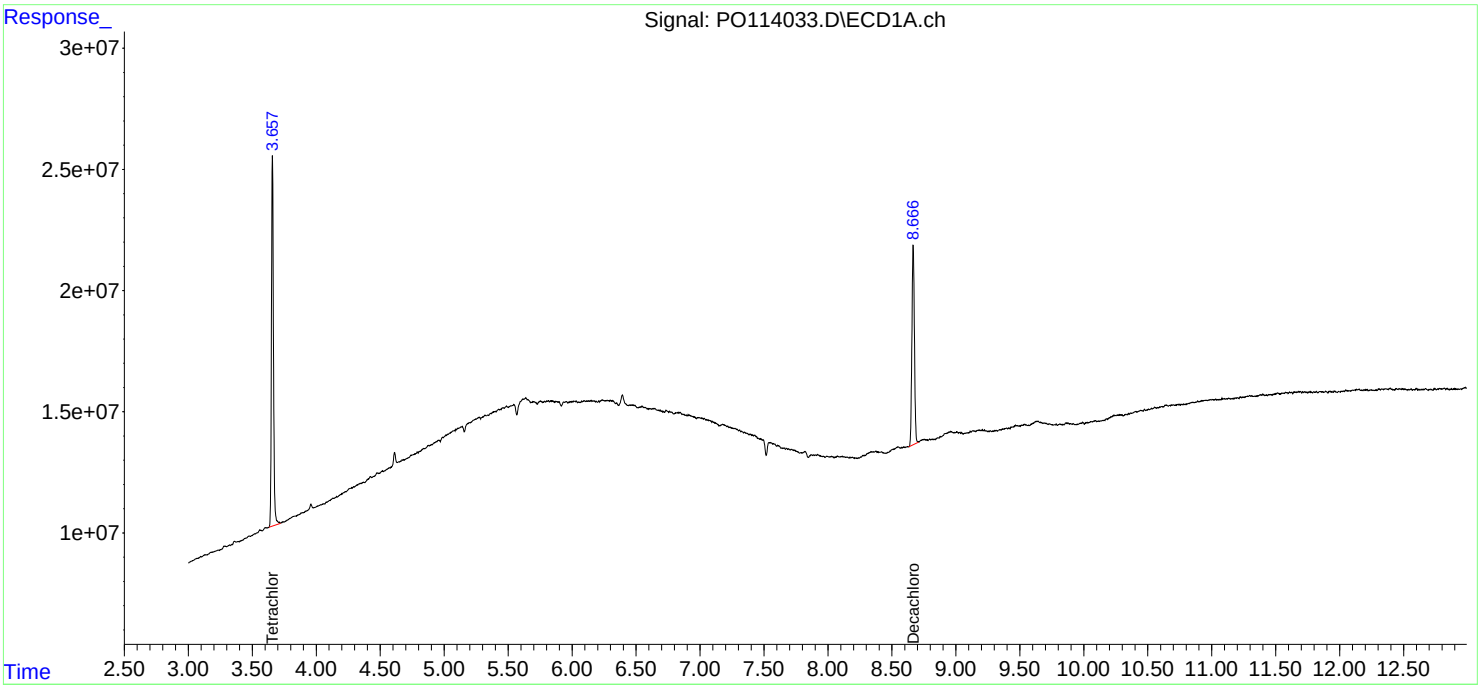
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

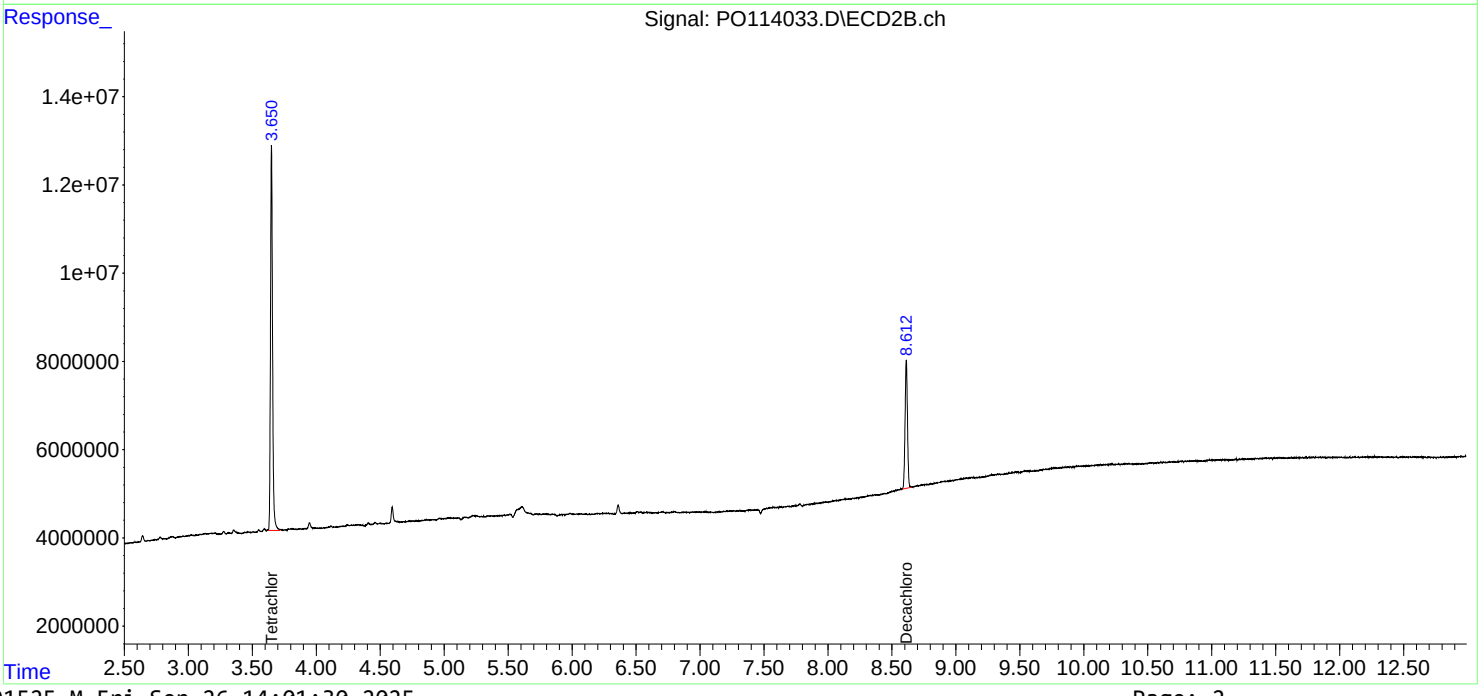
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092525\
Data File : PO114033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 16:27
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

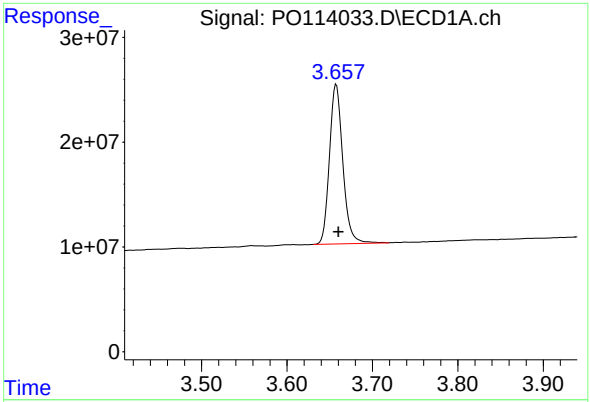
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 02:36:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



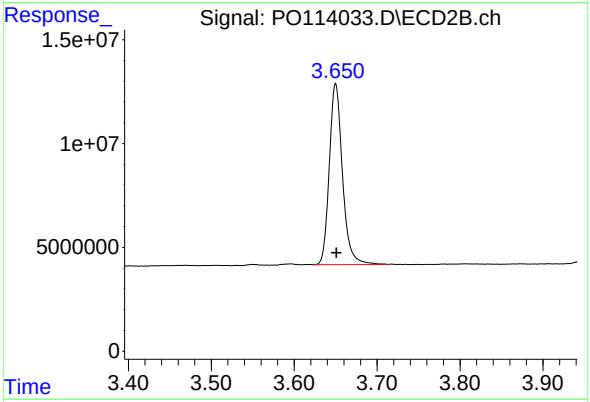




#1 Tetrachloro-m-xylene

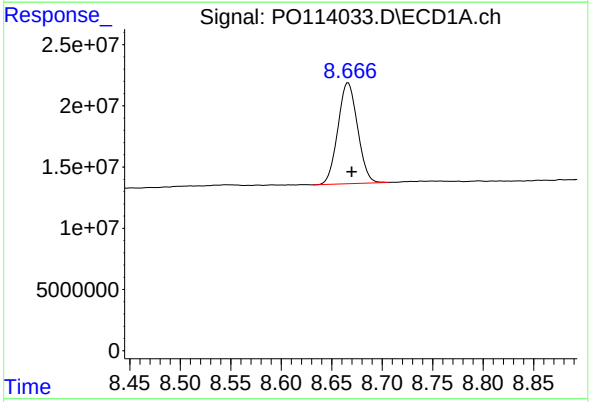
R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 165998189
Conc: 18.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



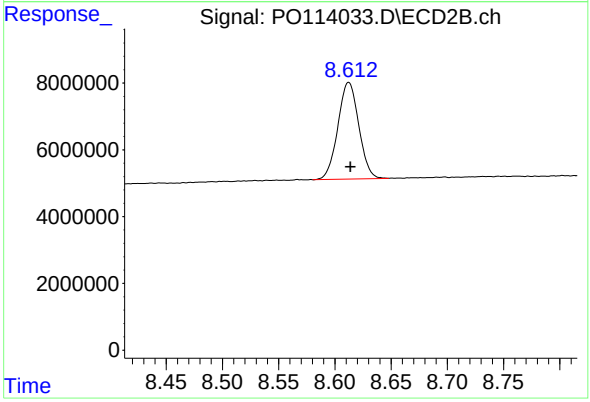
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 96314677
Conc: 18.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.666 min
Delta R.T.: -0.004 min
Response: 112070187
Conc: 16.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: -0.002 min
Response: 37568472
Conc: 17.99 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/25/25
Project:	RFP 916	Date Received:	09/25/25
Client Sample ID:	PIBLK-PO114047.D	SDG No.:	Q3178
Lab Sample ID:	I.BLK-PO114047.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114047.D	1		09/25/25	po092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		60 - 140	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		60 - 140	93%	SPK: 20

Comments:

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\PO092525\
Data File : PO114047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 21:52
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: Sep 26 02:40:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.659	3.650	163.4E6	95480633	18.524	17.877
2)	SA Decachlor...	8.669	8.612	125.3E6	38918185	18.731	18.641
	Target Compounds						

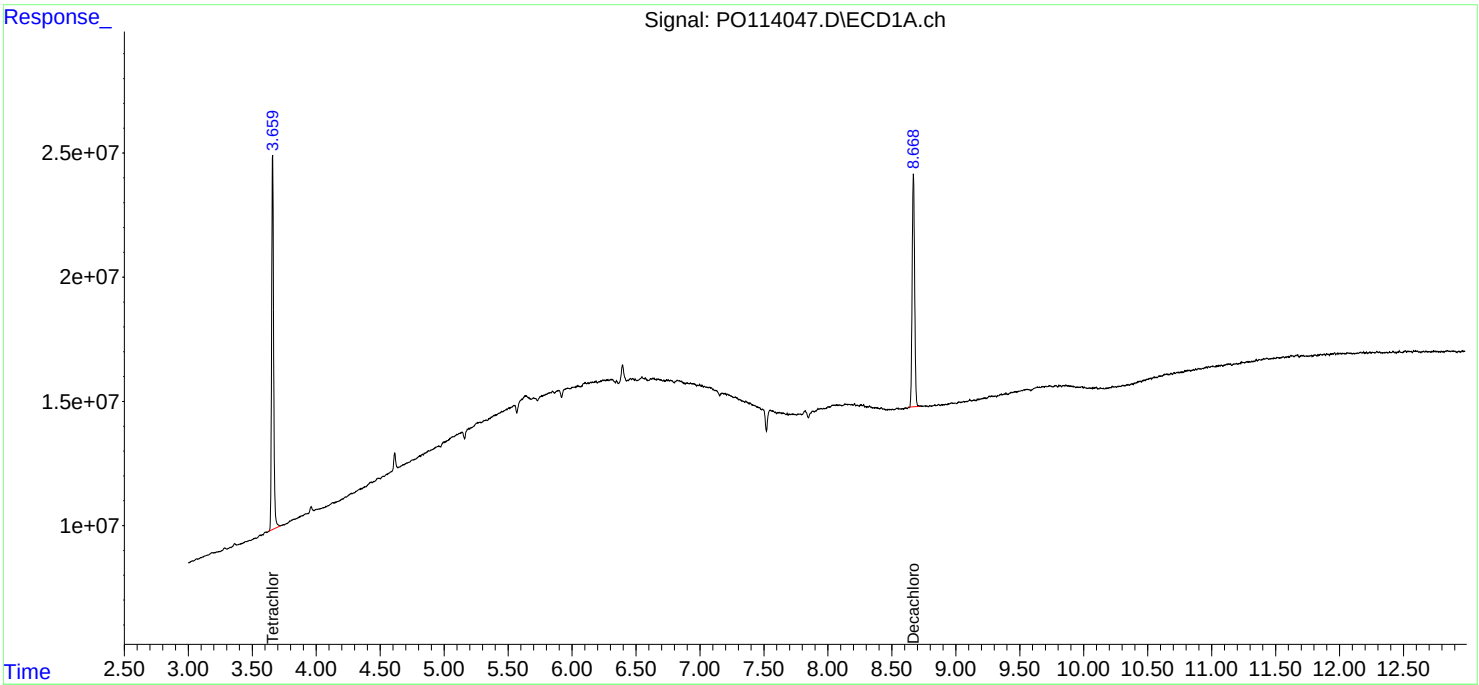
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

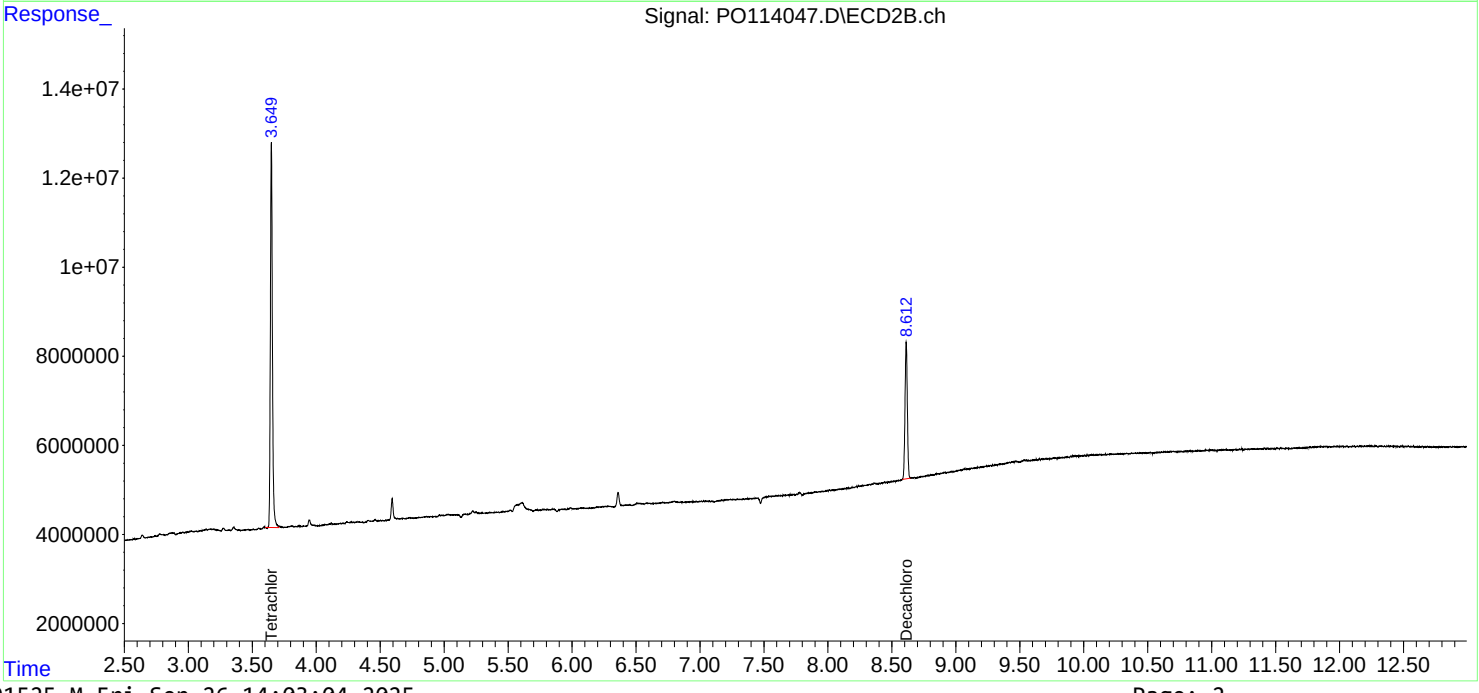
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092525\
Data File : PO114047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 21:52
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

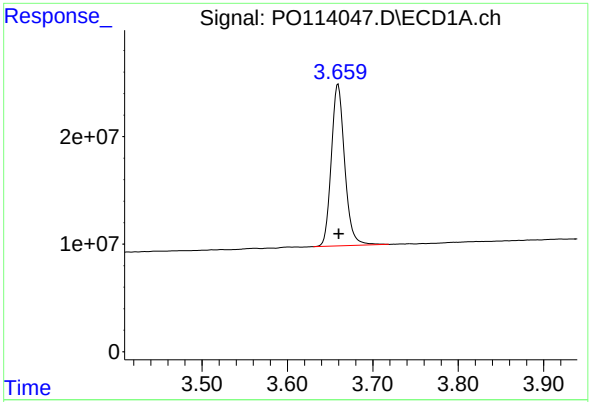
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 02:40:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



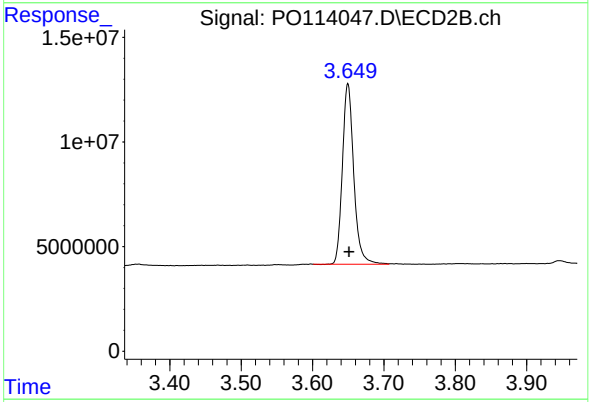




#1 Tetrachloro-m-xylene

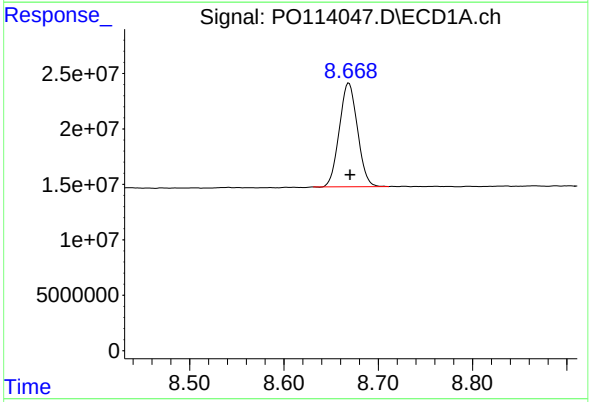
R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 163374607
Conc: 18.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



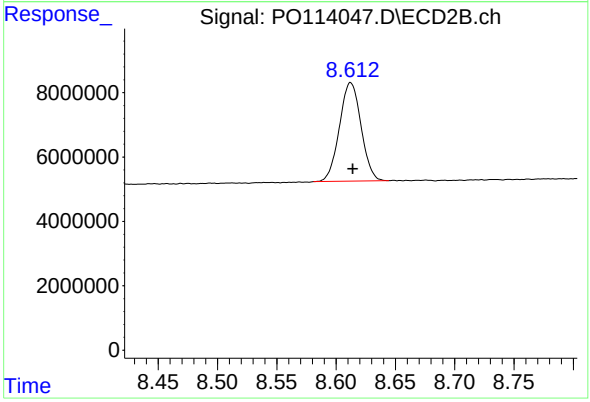
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 95480633
Conc: 17.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.669 min
Delta R.T.: -0.001 min
Response: 125316390
Conc: 18.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: -0.002 min
Response: 38918185
Conc: 18.64 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	PIBLK-PP075246.D	SDG No.:	Q3178
Lab Sample ID:	I.BLK-PP075246.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075246.D	1		09/23/25	pp092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		60 - 140	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 140	97%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075246.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 08:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:44:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.657	3.797	26080915	109.2E6	19.932	17.901
2)	SA Decachlor...	10.437	8.805	19354075	120.9E6	19.402	20.045
	Target Compounds						

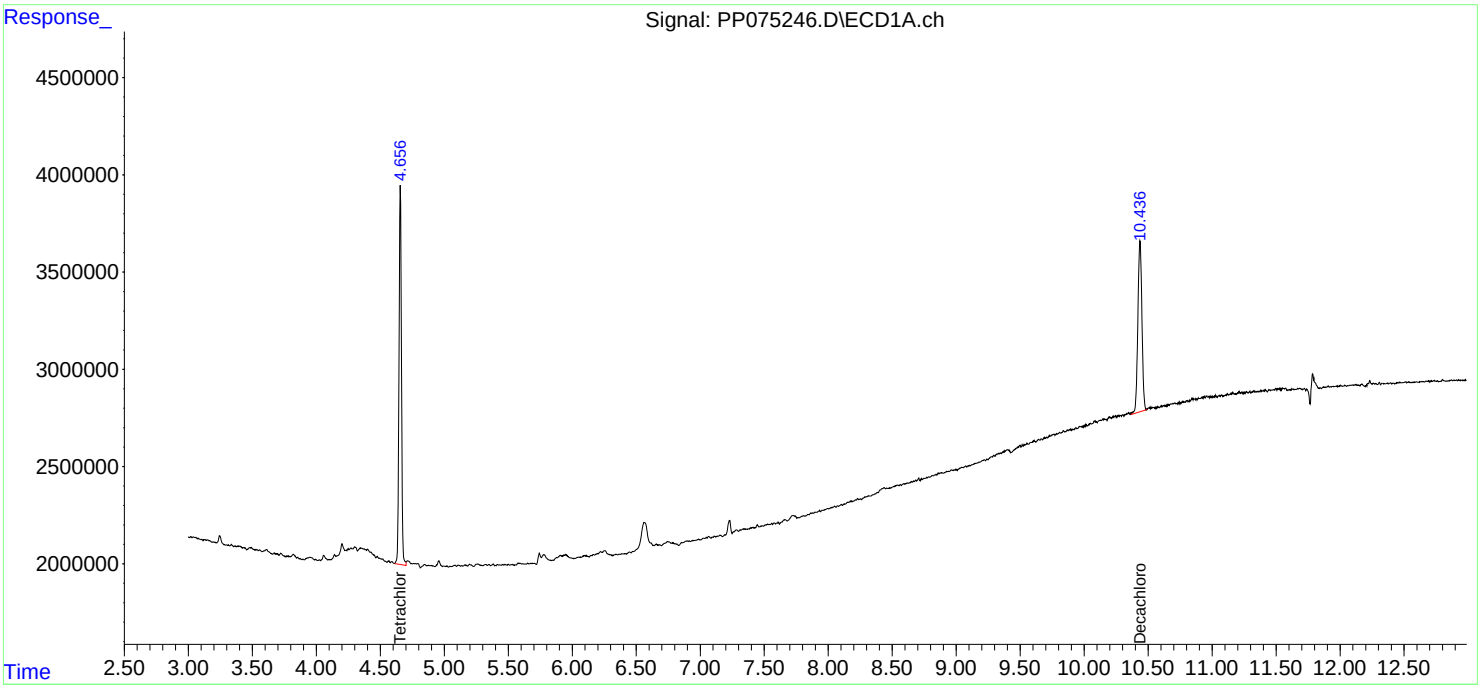
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

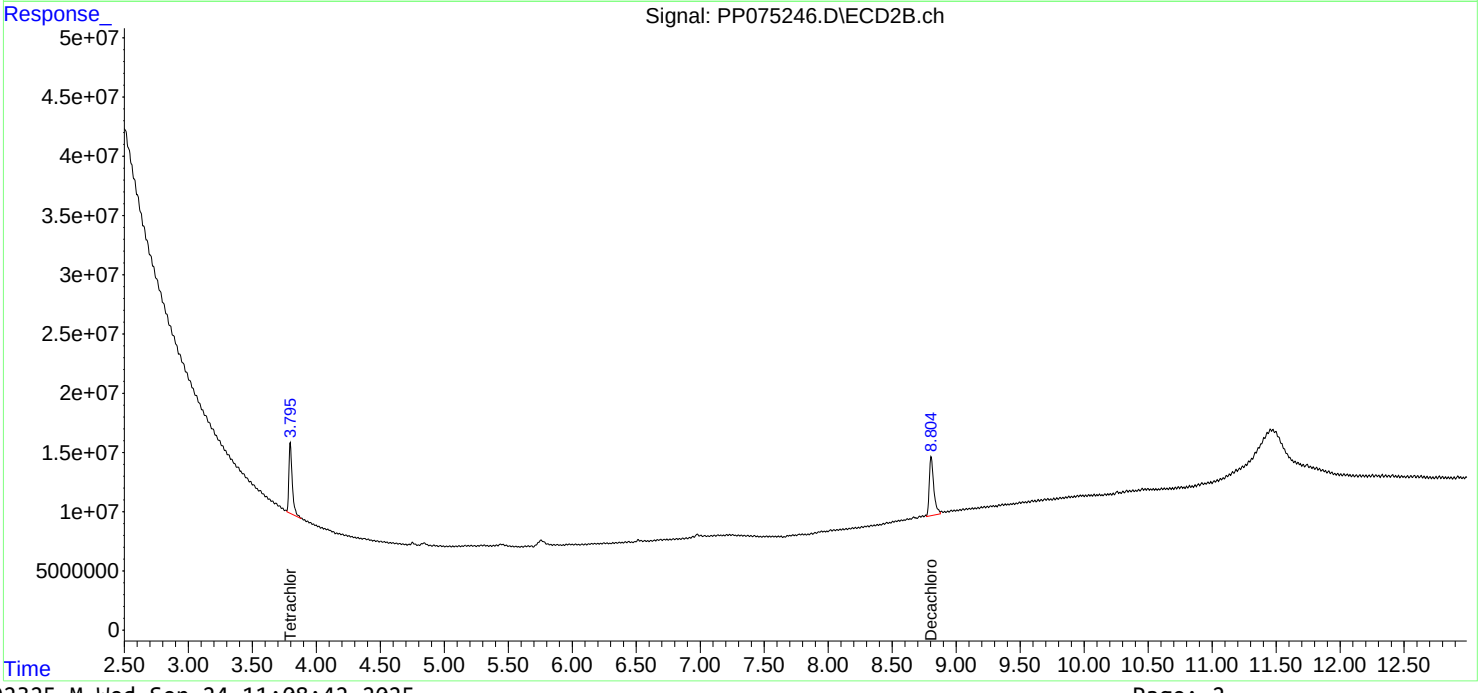
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075246.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 08:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

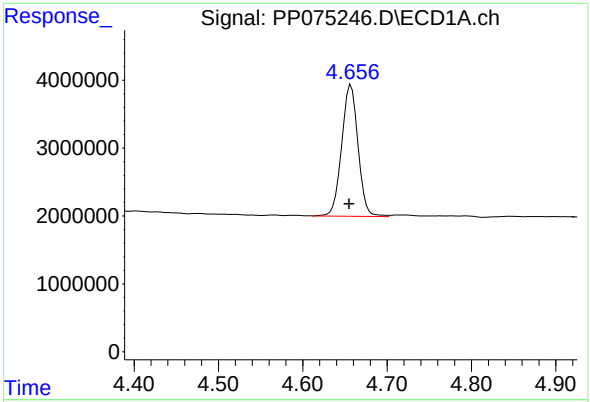
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:44:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



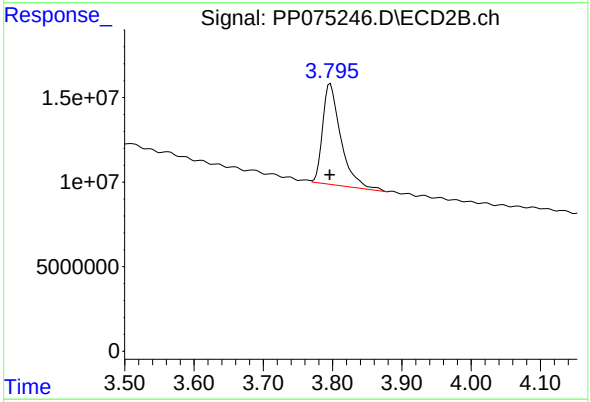




#1 Tetrachloro-m-xylene

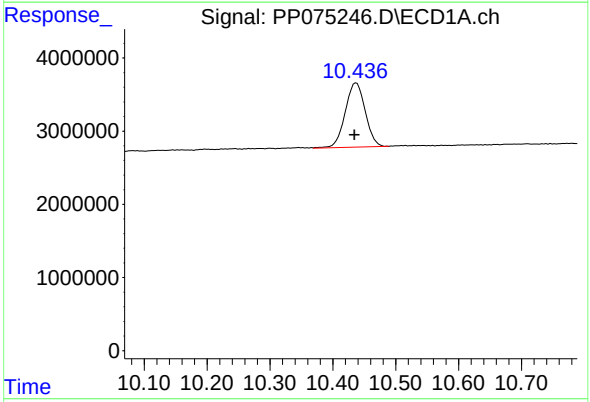
R.T.: 4.657 min
Delta R.T.: 0.002 min
Response: 26080915
Conc: 19.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



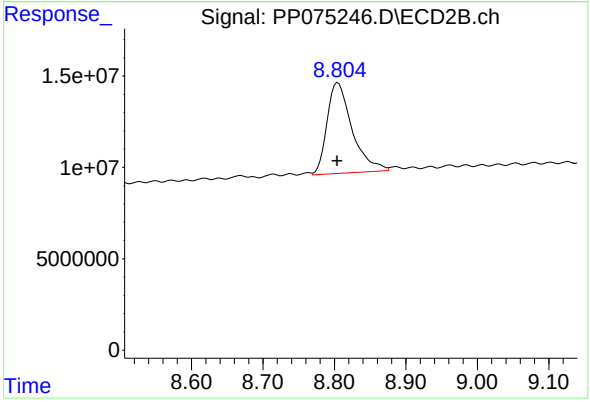
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 109213871
Conc: 17.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.003 min
Response: 19354075
Conc: 19.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: 0.001 min
Response: 120921024
Conc: 20.04 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/25/25
Project:	RFP 916	Date Received:	09/25/25
Client Sample ID:	PIBLK-PP075330.D	SDG No.:	Q3178
Lab Sample ID:	I.BLK-PP075330.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075330.D	1		09/25/25	PP092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.2		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		60 - 140	97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092525\
Data File : PP075330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 16:02
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 08:16:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.798	25238398	98572292	19.288	16.157
2)	SA Decachlor...	10.441	8.805	19294015	123.0E6	19.341	20.397
	Target Compounds						

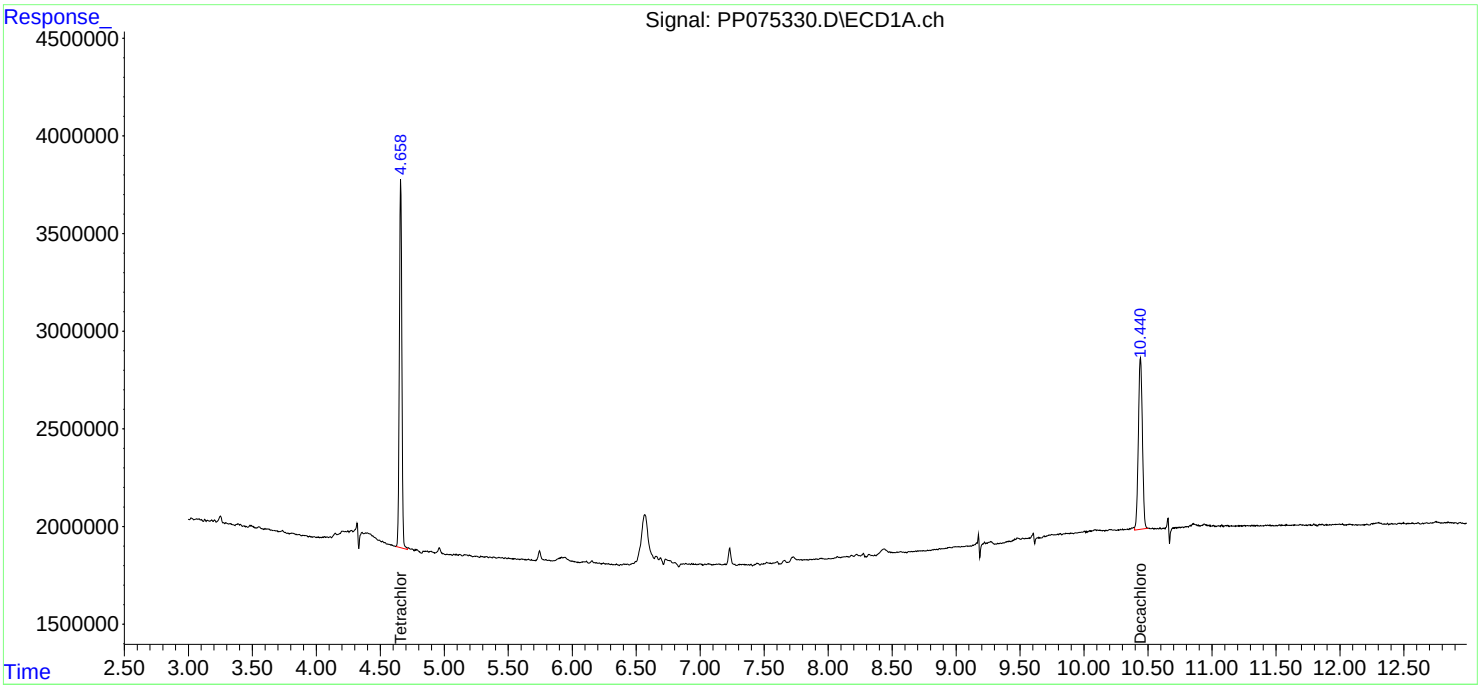
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

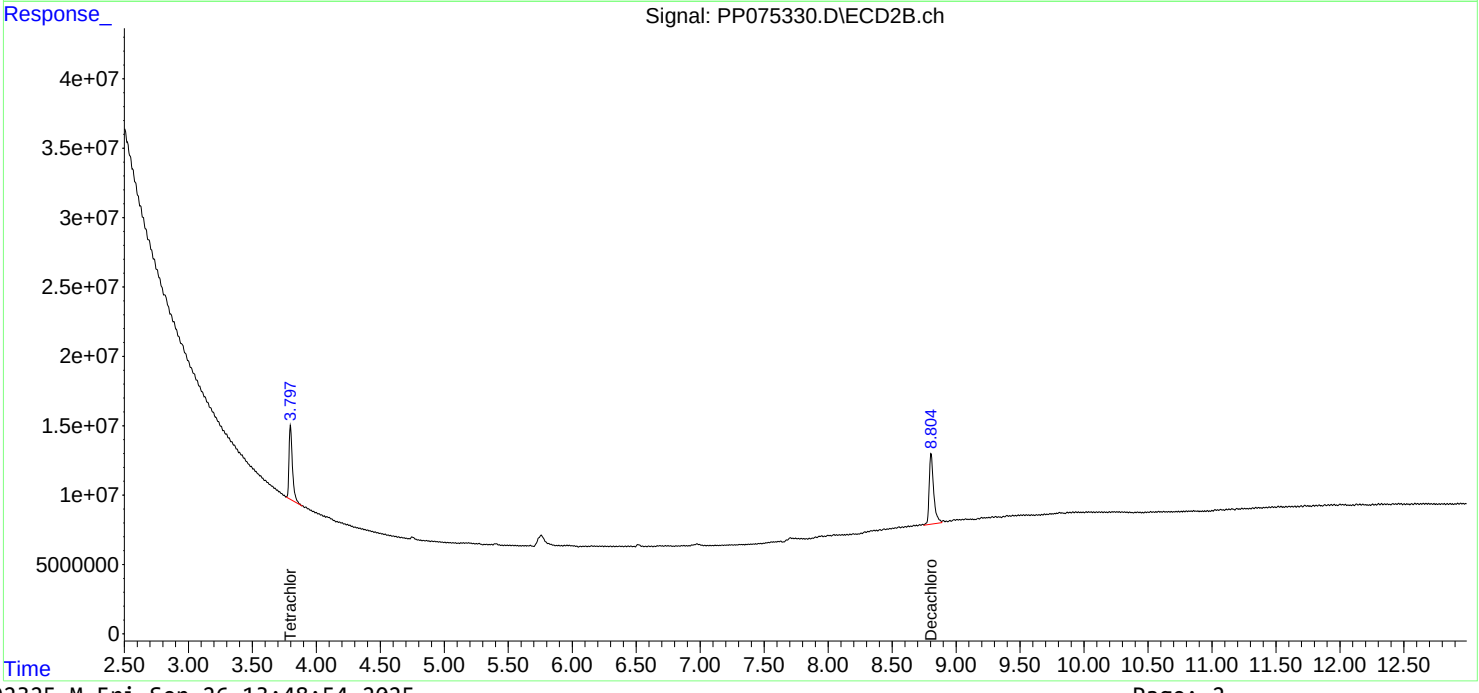
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092525\
Data File : PP075330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 16:02
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

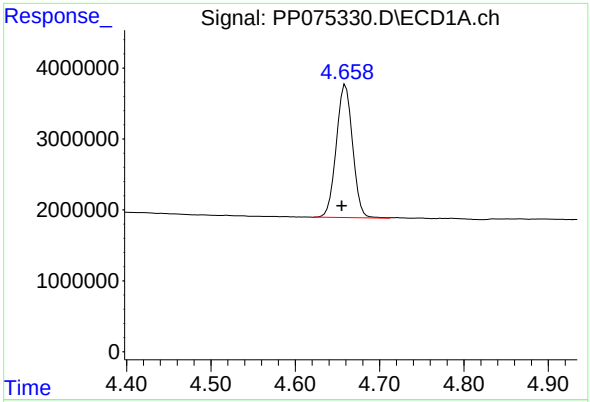
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 08:16:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



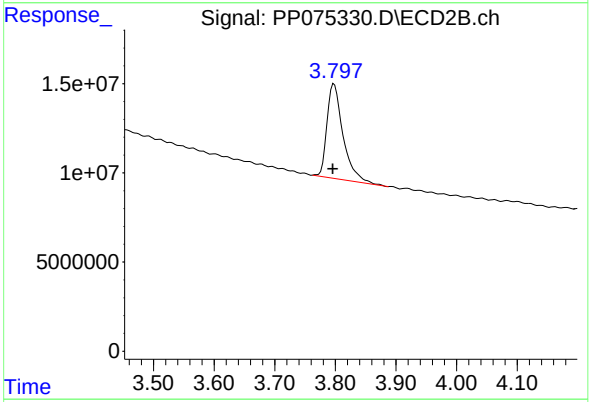




#1 Tetrachloro-m-xylene

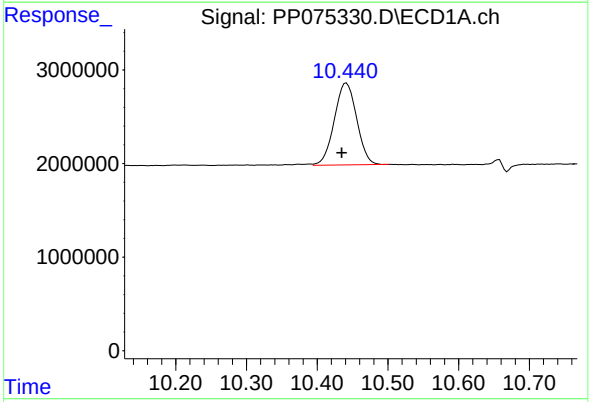
R.T.: 4.660 min
Delta R.T.: 0.005 min
Response: 25238398
Conc: 19.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



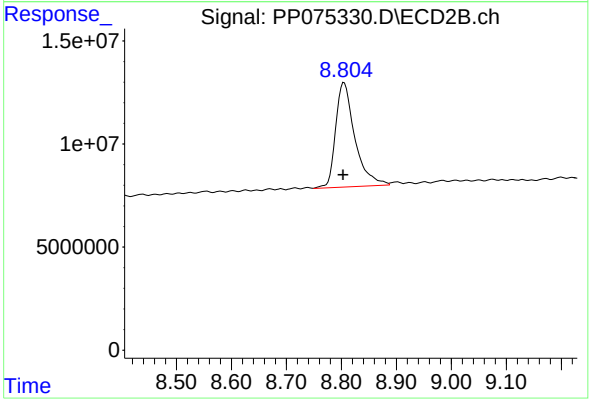
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.002 min
Response: 98572292
Conc: 16.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.441 min
Delta R.T.: 0.007 min
Response: 19294015
Conc: 19.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: 0.002 min
Response: 123043256
Conc: 20.40 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/25/25
Project:	RFP 916	Date Received:	09/25/25
Client Sample ID:	PIBLK-PP075345.D	SDG No.:	Q3178
Lab Sample ID:	I.BLK-PP075345.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075345.D	1		09/25/25	pp092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.7		60 - 140	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 140	97%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092525\
Data File : PP075345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 21:18
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 08:19:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.659	3.798	25312916	101.8E6	19.345	16.688
2)	SA Decachlor...	10.442	8.804	19358968	122.9E6	19.407	20.370
	Target Compounds						

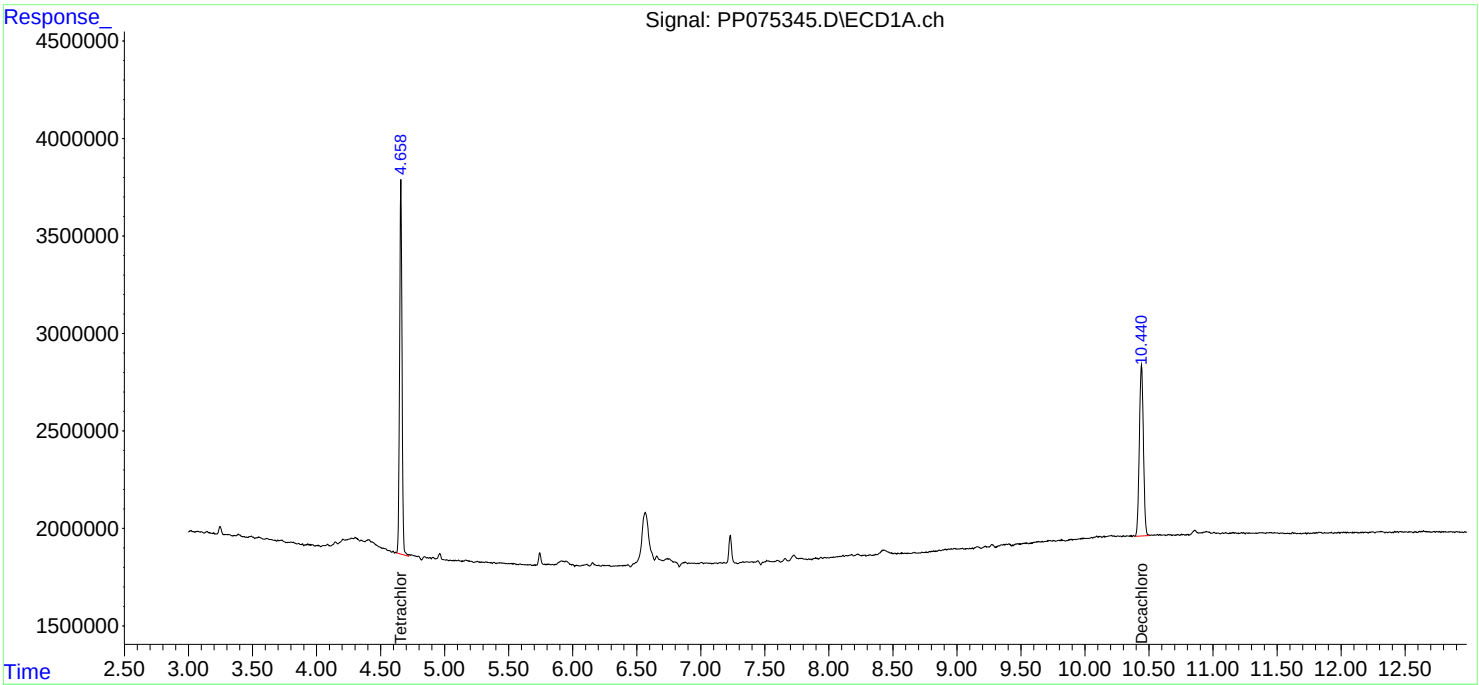
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

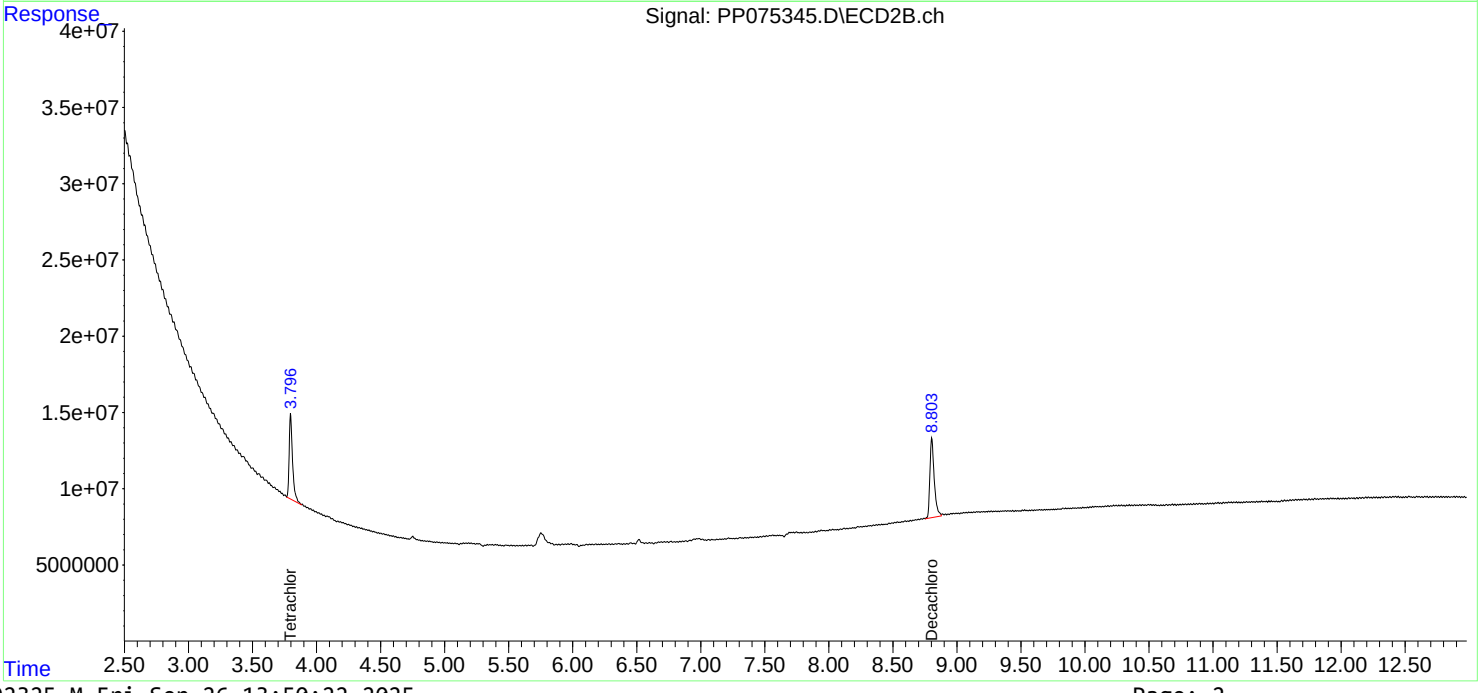
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092525\
Data File : PP075345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 21:18
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

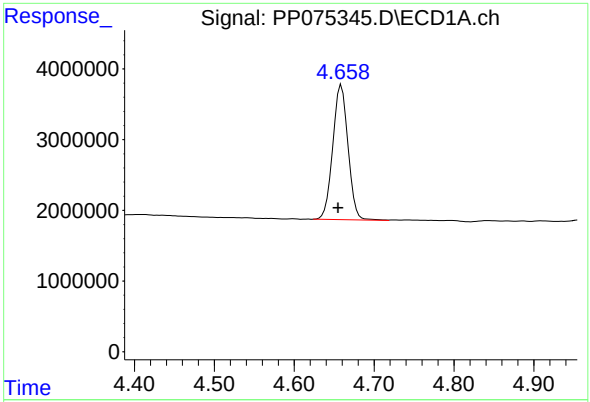
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 08:19:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



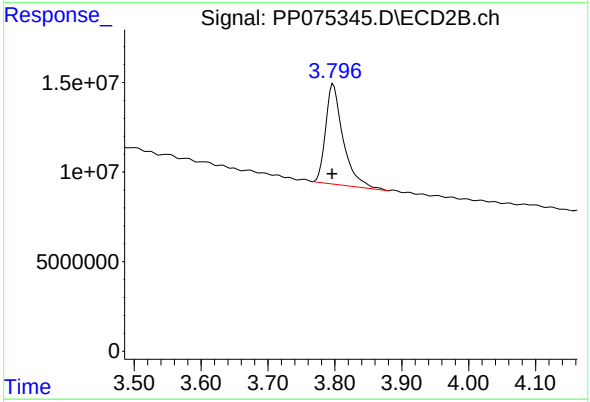




#1 Tetrachloro-m-xylene

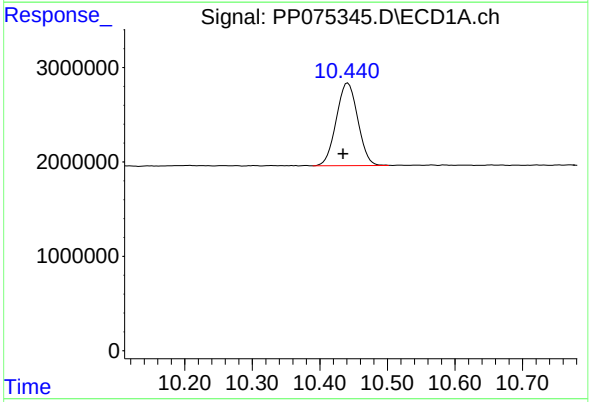
R.T.: 4.659 min
Delta R.T.: 0.004 min
Response: 25312916
Conc: 19.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



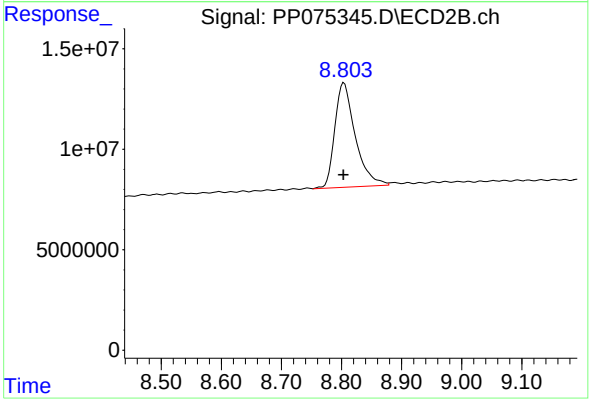
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.002 min
Response: 101808690
Conc: 16.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.007 min
Response: 19358968
Conc: 19.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.804 min
Delta R.T.: 0.000 min
Response: 122882870
Conc: 20.37 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/26/25
Project:	RFP 916	Date Received:	09/26/25
Client Sample ID:	PIBLK-PP075348.D	SDG No.:	Q3178
Lab Sample ID:	I.BLK-PP075348.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075348.D	1		09/26/25	pp092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		60 - 140	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		60 - 140	109%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092625\
Data File : PP075348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 10:02
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 02:01:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.660	3.792	28802329	115.0E6	22.012	18.844
2)	SA Decachlor...	10.447	8.802	21821027	138.0E6	21.875	22.874
	Target Compounds						

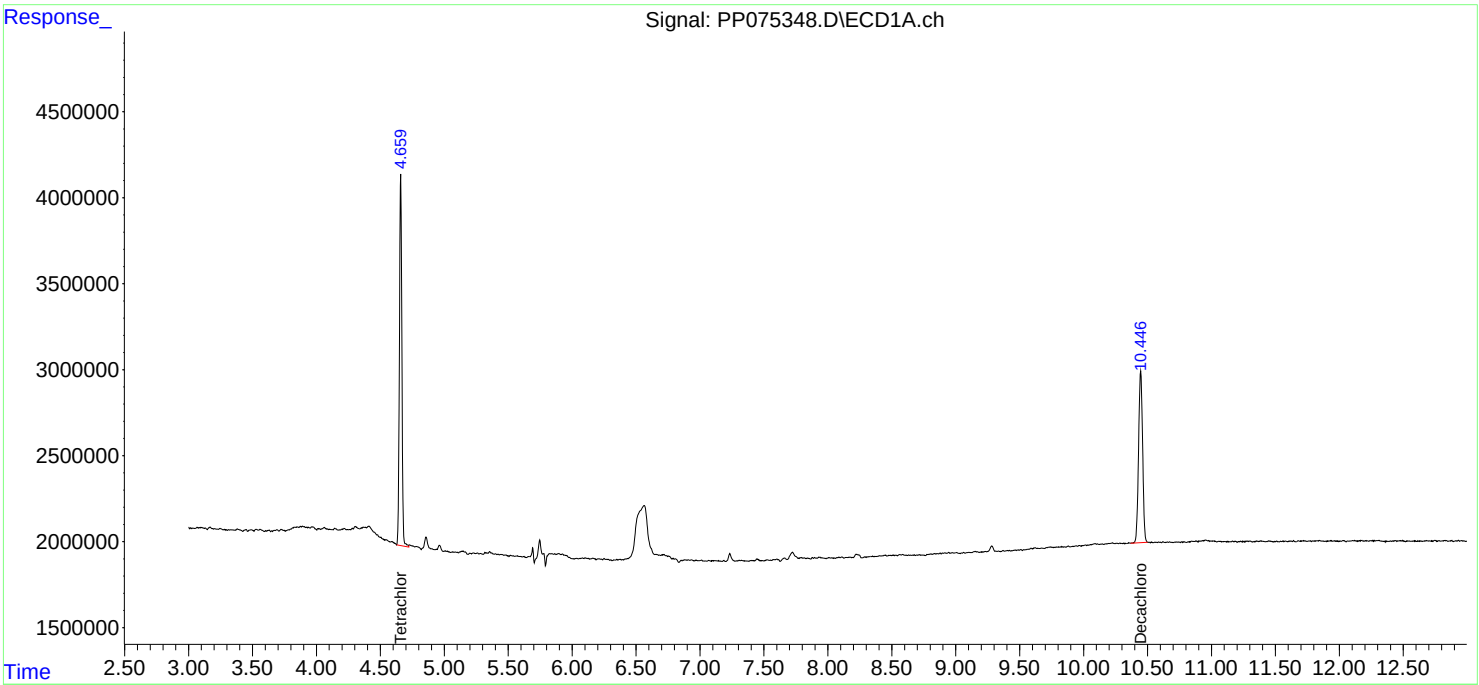
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

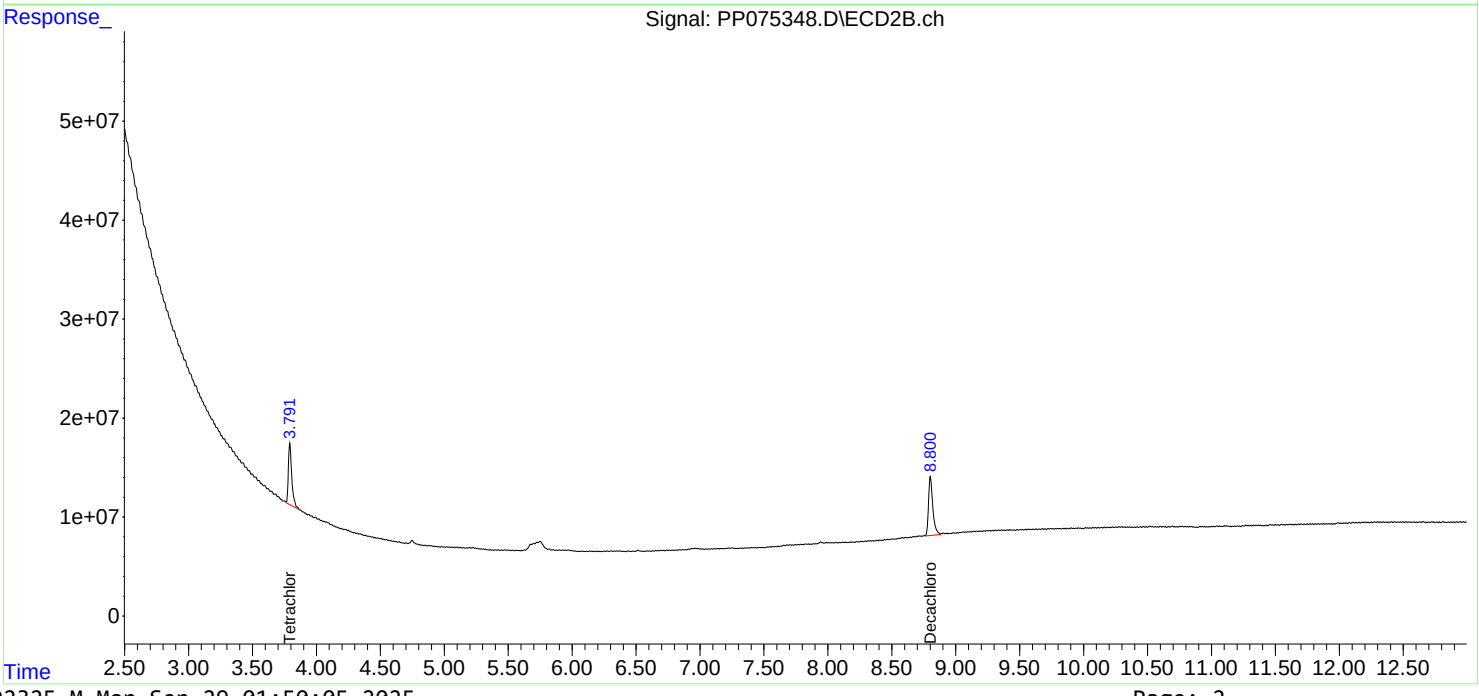
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092625\
Data File : PP075348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 10:02
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

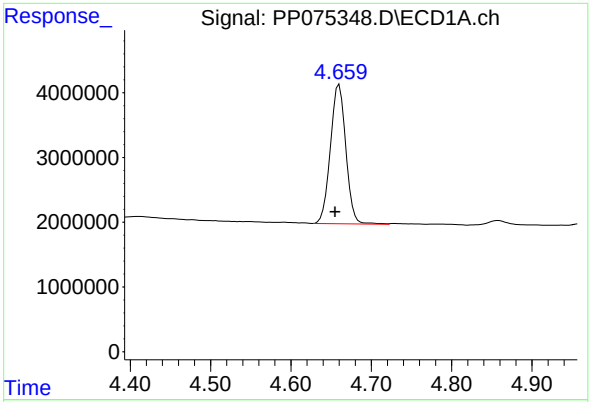
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 02:01:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



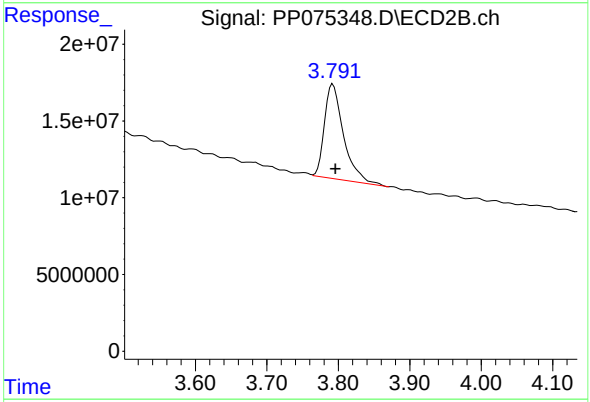




#1 Tetrachloro-m-xylene

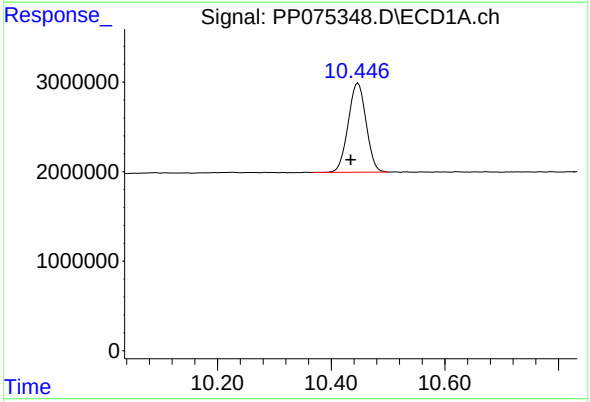
R.T.: 4.660 min
Delta R.T.: 0.005 min
Response: 28802329
Conc: 22.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



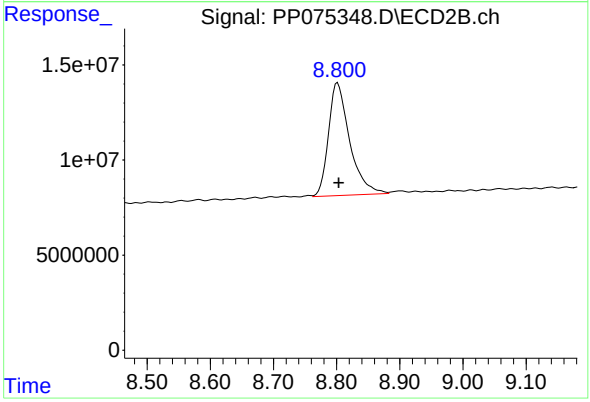
#1 Tetrachloro-m-xylene

R.T.: 3.792 min
Delta R.T.: -0.004 min
Response: 114966134
Conc: 18.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.447 min
Delta R.T.: 0.013 min
Response: 21821027
Conc: 21.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.802 min
Delta R.T.: -0.002 min
Response: 137989231
Conc: 22.87 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/26/25
Project:	RFP 916	Date Received:	09/26/25
Client Sample ID:	PIBLK-PP075356.D	SDG No.:	Q3178
Lab Sample ID:	I.BLK-PP075356.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075356.D	1		09/26/25	pp092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.9		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		60 - 140	99%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092625\
Data File : PP075356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 12:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 02:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.656	3.797	25709240	103.1E6	19.648	16.898
2)	SA Decachlor...	10.442	8.805	19814103	125.9E6	19.863	20.878
	Target Compounds						

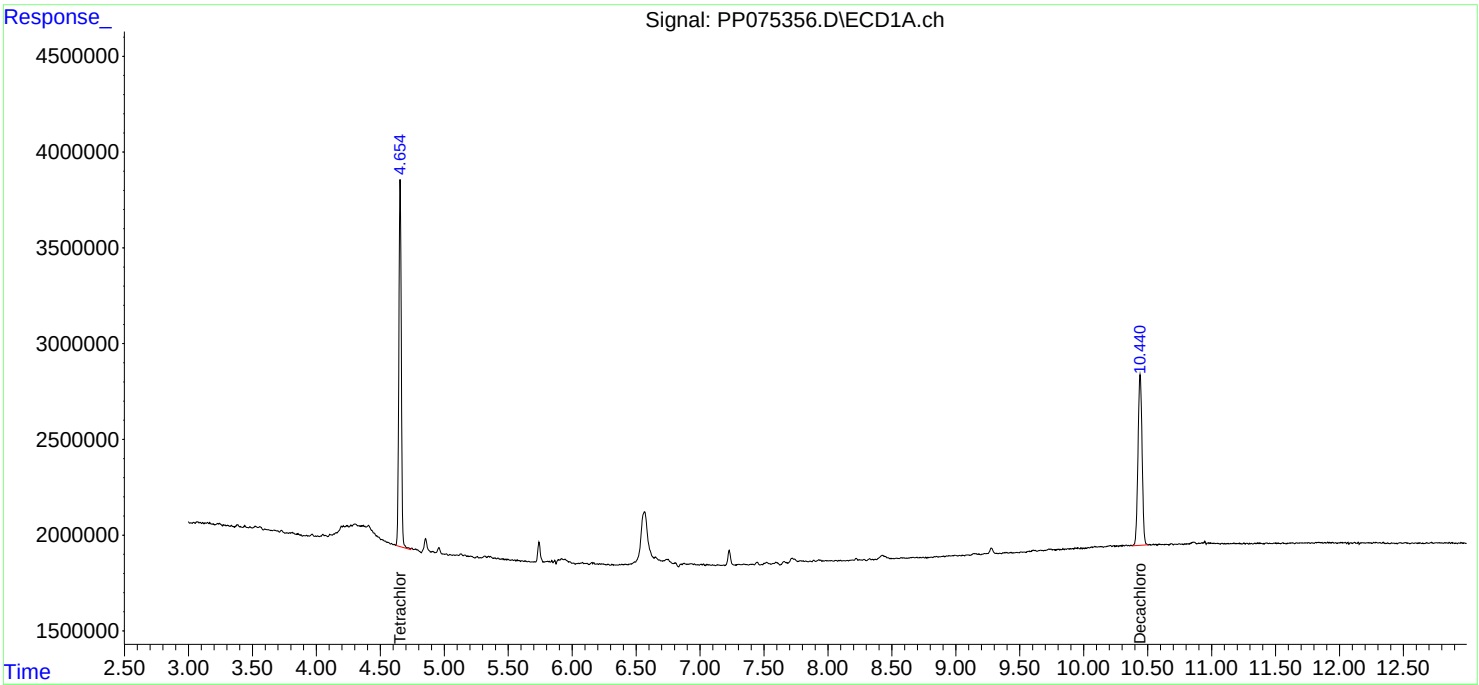
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

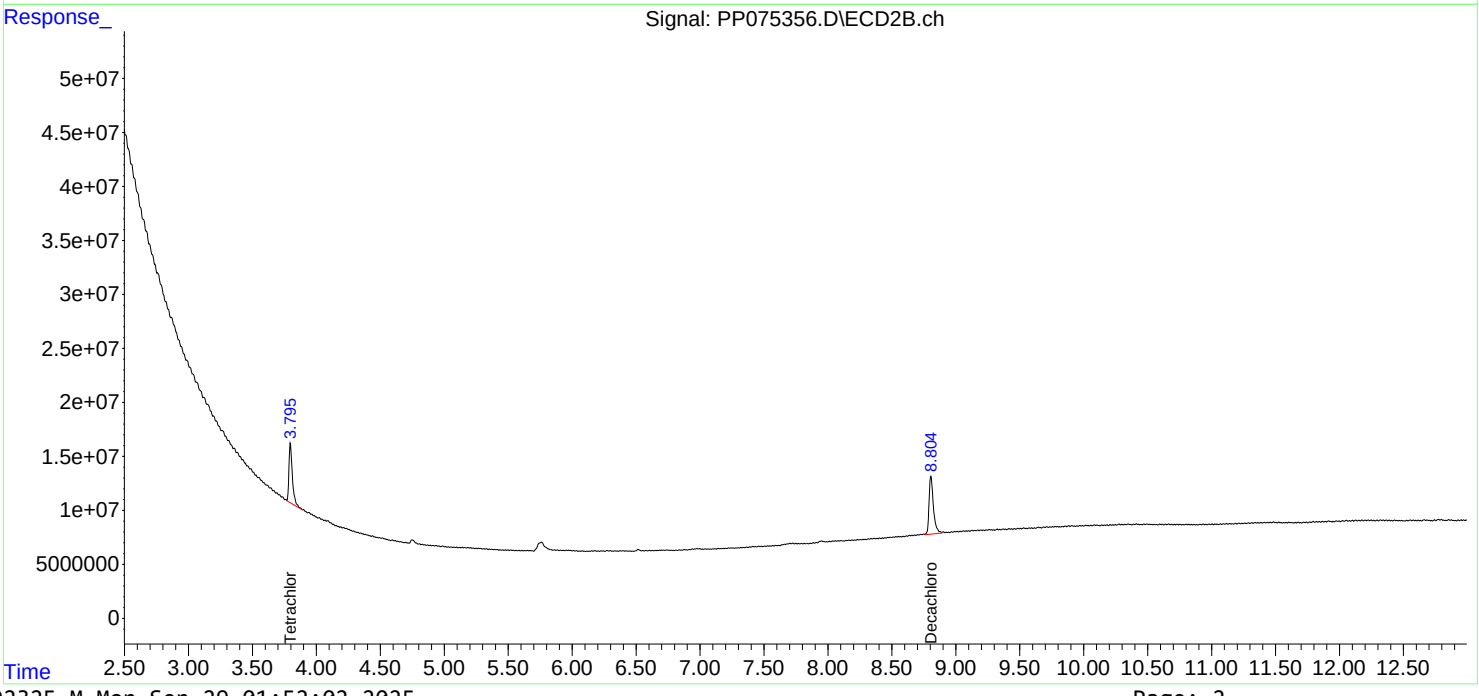
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092625\
Data File : PP075356.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 12:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

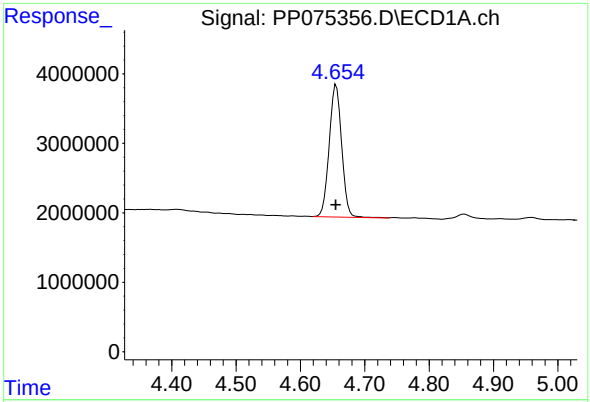
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 02:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



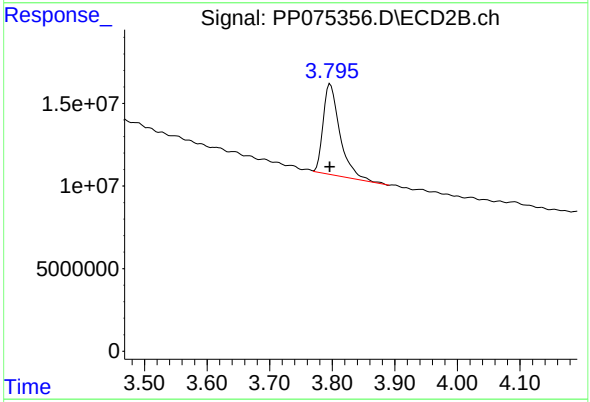




#1 Tetrachloro-m-xylene

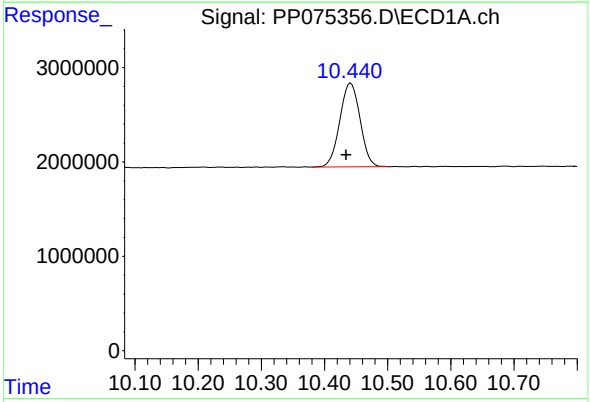
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 25709240
Conc: 19.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



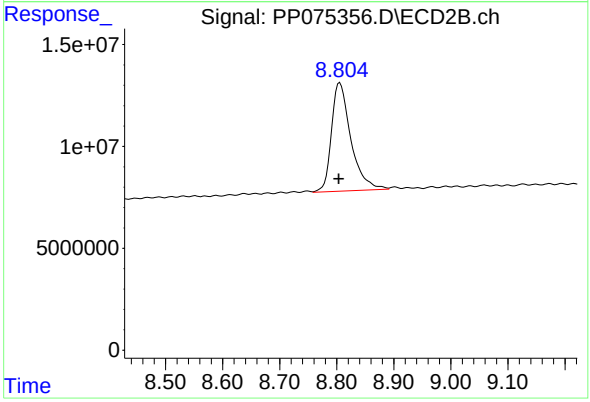
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 103093581
Conc: 16.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: 0.007 min
Response: 19814103
Conc: 19.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: 0.002 min
Response: 125949095
Conc: 20.88 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	PB169825BS	SDG No.:	Q3178
Lab Sample ID:	PB169825BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075349.D	1	09/25/25 08:50	09/26/25 10:35	PB169825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	141		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	147		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.1		32 - 144	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		32 - 175	74%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092625\
Data File : PP075349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 10:35
Operator : YP\AJ
Sample : PB169825BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169825BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2025
Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 02:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.656	3.794	19807798	60123003	15.138	9.855	#
2)	SA Decachlor...	10.439	8.805	14367219	89168981	14.403	14.781	
	Target Compounds							
3)	L1 AR-1016-1	5.808	4.892	19536083	232.2E6	406.115m	413.903	
4)	L1 AR-1016-2	5.829	4.950	29702619	124.5E6	414.097m	484.328	
5)	L1 AR-1016-3	5.892	5.070	19096890	72255278	410.414m	465.357	
6)	L1 AR-1016-4	5.989	5.112	15480063	51463693	434.386m	350.169	
7)	L1 AR-1016-5	6.282	5.327	13782652	66083173	408.722m	404.470	
31)	L7 AR-1260-1	7.401	6.354	29680221	188.4E6	493.687	464.051	
32)	L7 AR-1260-2	7.653	6.540	31897082	331.5E6	438.159	575.729	#
33)	L7 AR-1260-3	8.012	6.694	21686255	175.7E6	400.521	410.452	
34)	L7 AR-1260-4	8.239	7.164	25463952	144.6E6	450.393m	335.236	#
35)	L7 AR-1260-5	8.566	7.404	47163606	357.5E6	429.509	339.812	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092625\
Data File : PP075349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2025 10:35
Operator : YP\AJ
Sample : PB169825BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

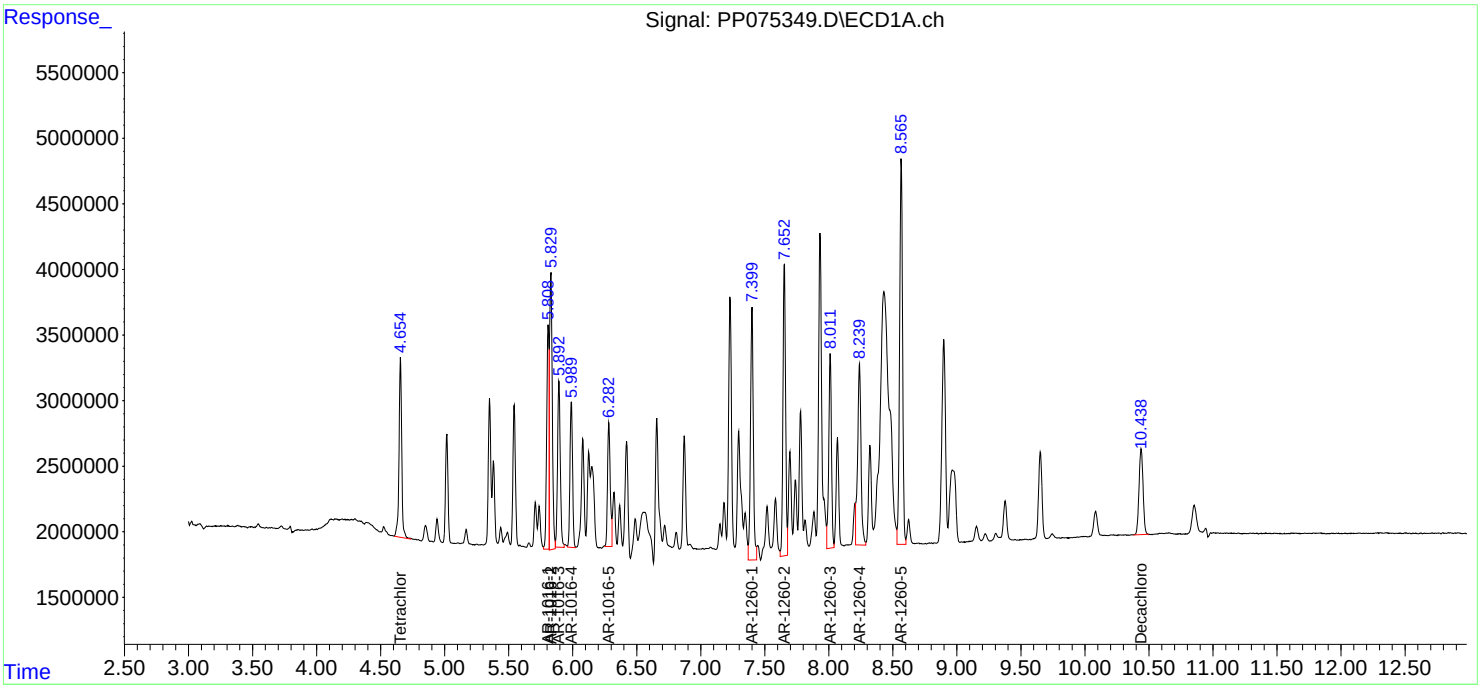
Instrument :
ECD_P
ClientSampleId :
PB169825BS

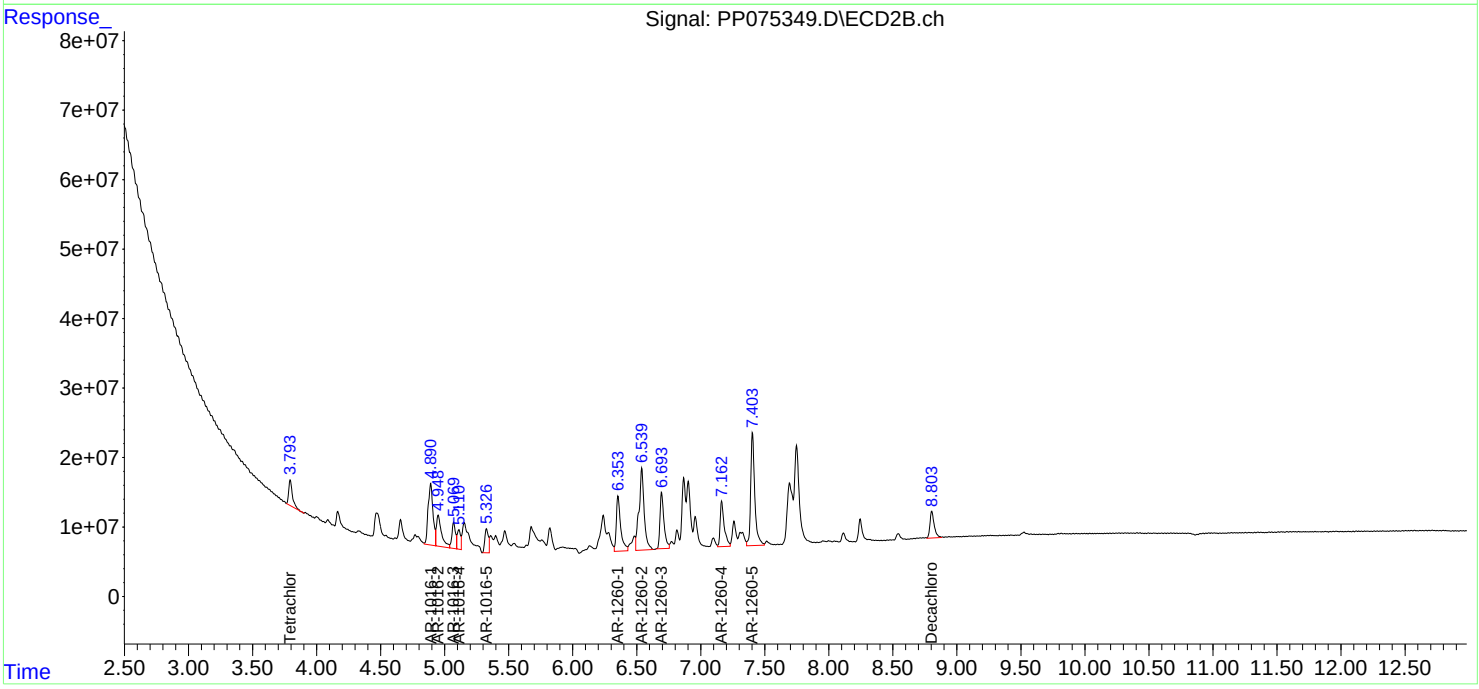
Manual Integrations APPROVED

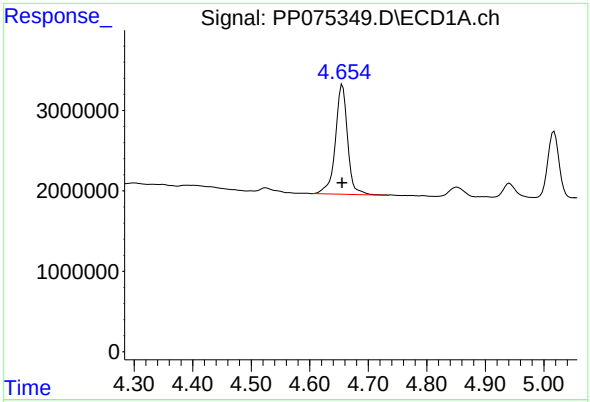
Reviewed By :Yogesh Patel 09/29/2025
Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 02:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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







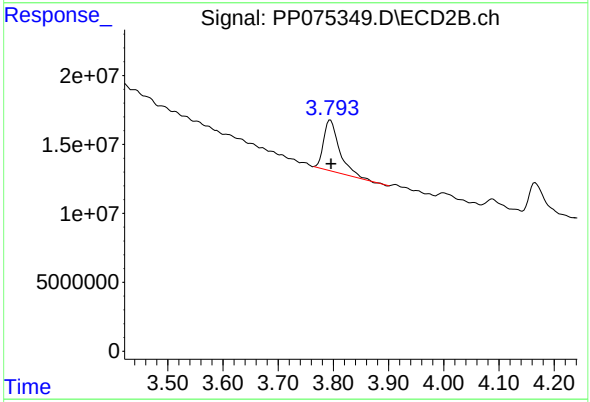
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 19807798
Conc: 15.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169825BS

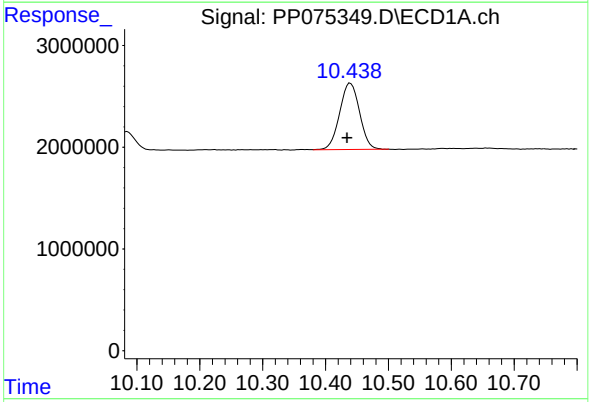
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2025
Supervised By :mohammad ahmed 09/30/2025



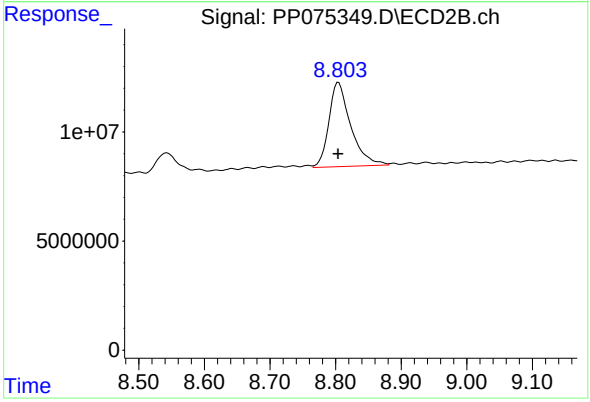
#1 Tetrachloro-m-xylene

R.T.: 3.794 min
Delta R.T.: -0.001 min
Response: 60123003
Conc: 9.85 ng/ml



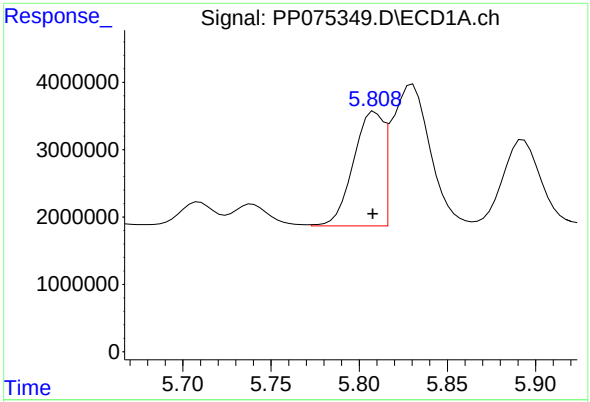
#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.005 min
Response: 14367219
Conc: 14.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: 0.001 min
Response: 89168981
Conc: 14.78 ng/ml



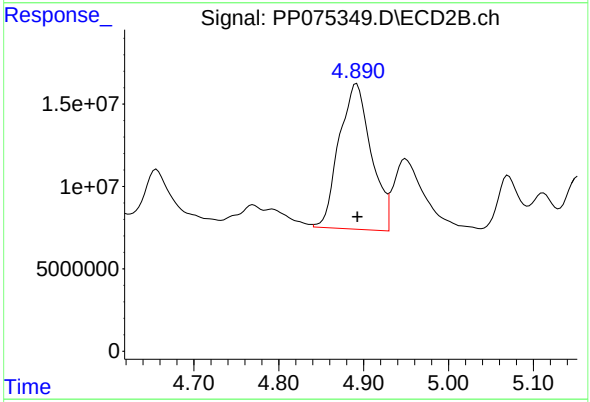
#3 AR-1016-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 19536083
Conc: 406.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169825BS

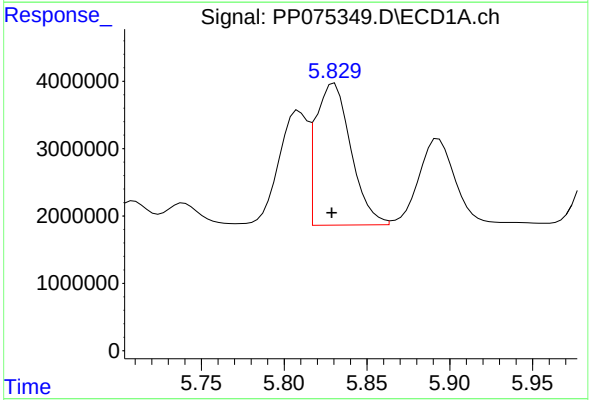
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2025
Supervised By :mohammad ahmed 09/30/2025



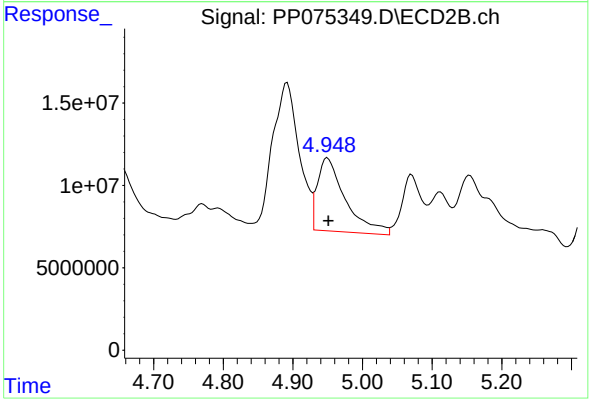
#3 AR-1016-1

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 232205246
Conc: 413.90 ng/ml



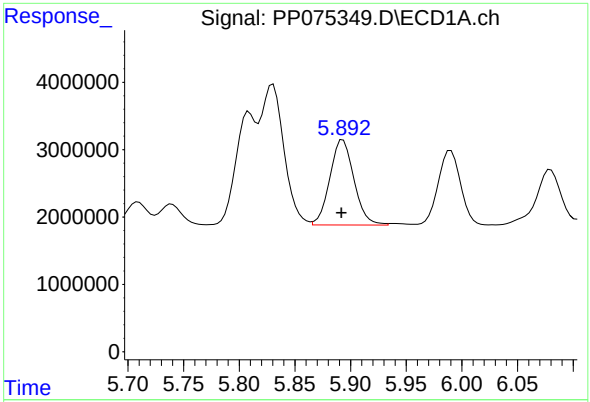
#4 AR-1016-2

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 29702619
Conc: 414.10 ng/ml m



#4 AR-1016-2

R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 124473310
Conc: 484.33 ng/ml



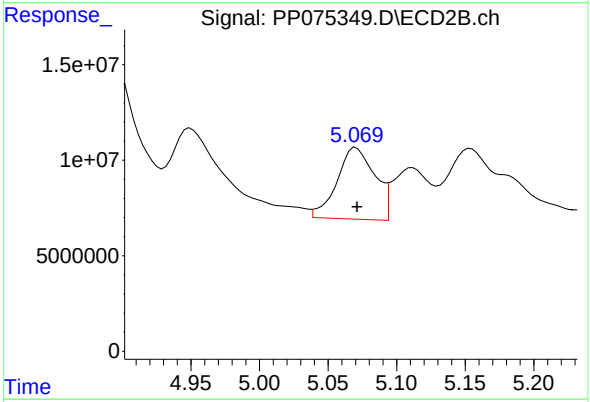
#5 AR-1016-3

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 19096890
Conc: 410.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169825BS

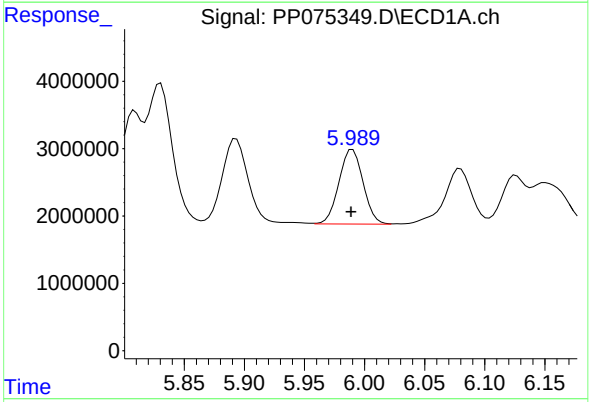
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2025
Supervised By :mohammad ahmed 09/30/2025



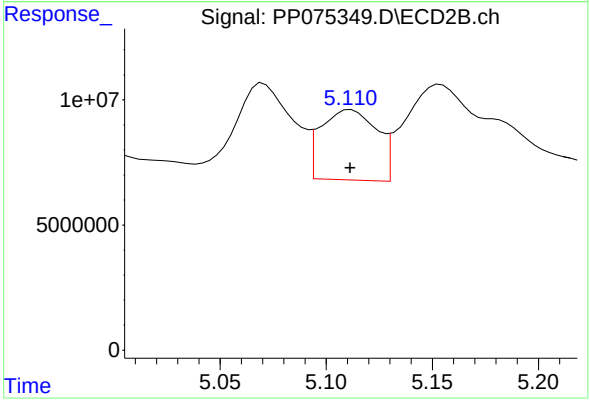
#5 AR-1016-3

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 72255278
Conc: 465.36 ng/ml



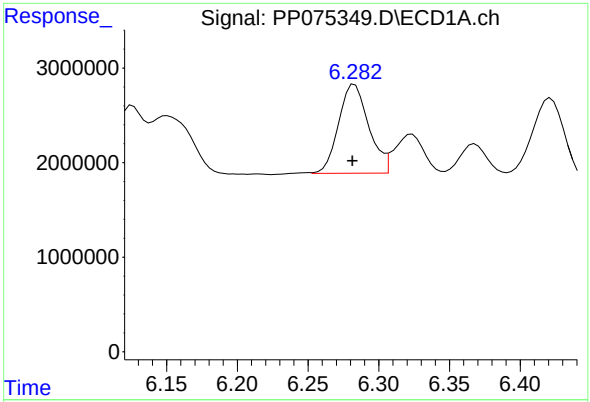
#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 15480063
Conc: 434.39 ng/ml m



#6 AR-1016-4

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 51463693
Conc: 350.17 ng/ml



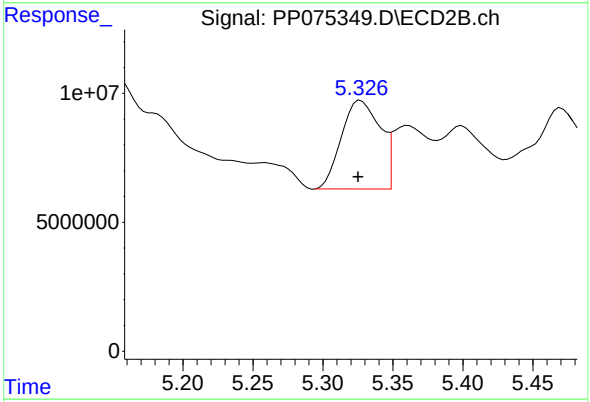
#7 AR-1016-5

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 13782652
Conc: 408.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169825BS

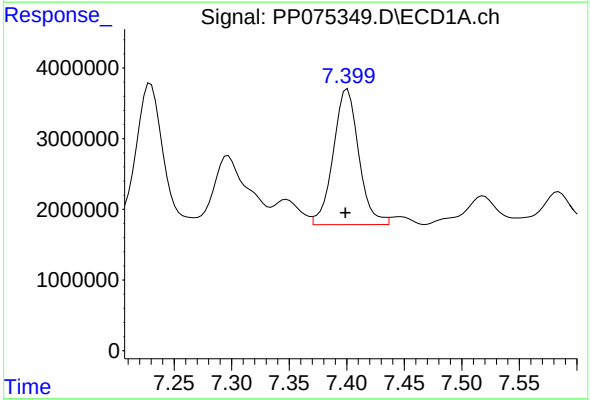
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2025
Supervised By :mohammad ahmed 09/30/2025



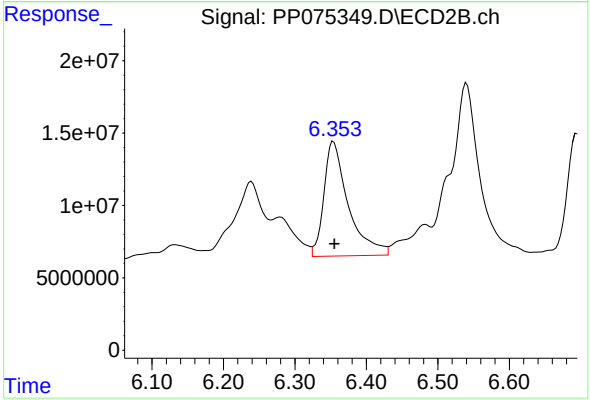
#7 AR-1016-5

R.T.: 5.327 min
Delta R.T.: 0.002 min
Response: 66083173
Conc: 404.47 ng/ml



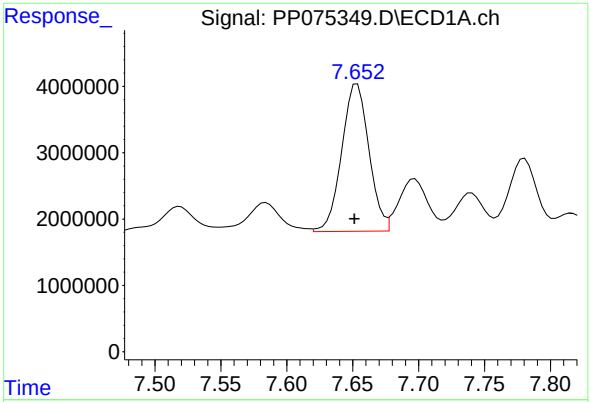
#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: 0.002 min
Response: 29680221
Conc: 493.69 ng/ml



#31 AR-1260-1

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 188374569
Conc: 464.05 ng/ml



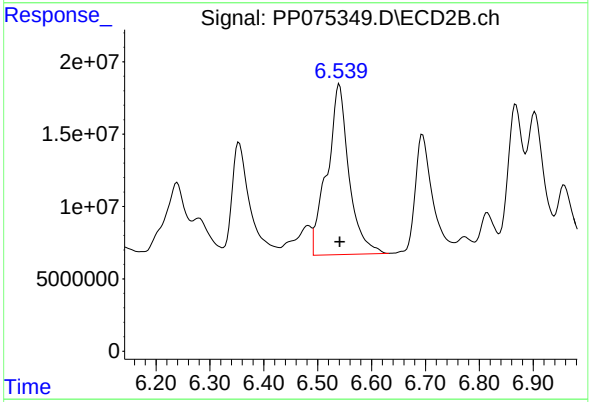
#32 AR-1260-2

R.T.: 7.653 min
Delta R.T.: 0.002 min
Response: 31897082
Conc: 438.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169825BS

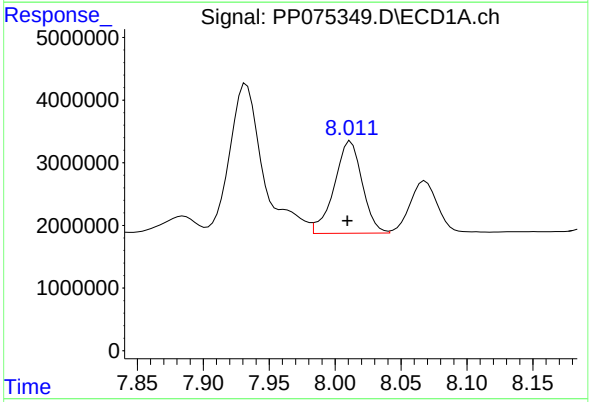
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2025
Supervised By :mohammad ahmed 09/30/2025



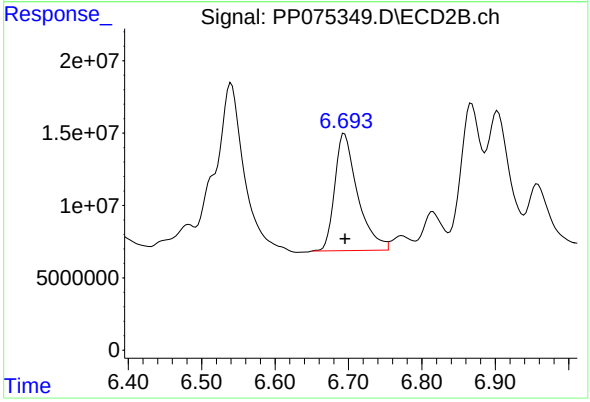
#32 AR-1260-2

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 331522240
Conc: 575.73 ng/ml



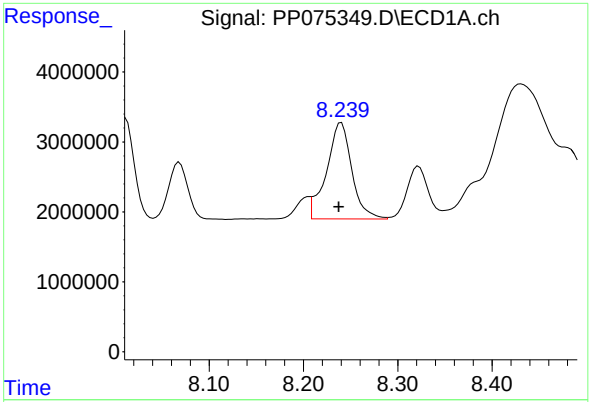
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: 0.003 min
Response: 21686255
Conc: 400.52 ng/ml



#33 AR-1260-3

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 175708479
Conc: 410.45 ng/ml



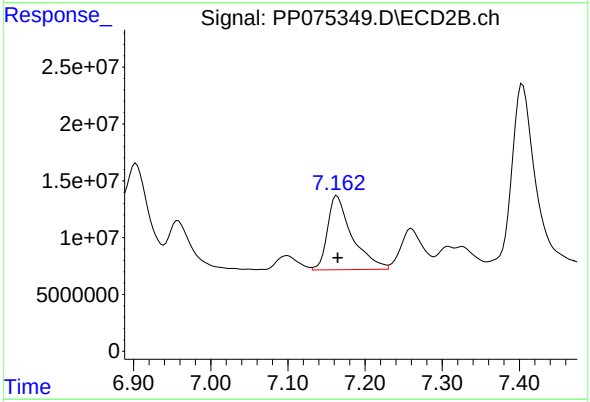
#34 AR-1260-4

R.T.: 8.239 min
Delta R.T.: 0.001 min
Response: 25463952
Conc: 450.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169825BS

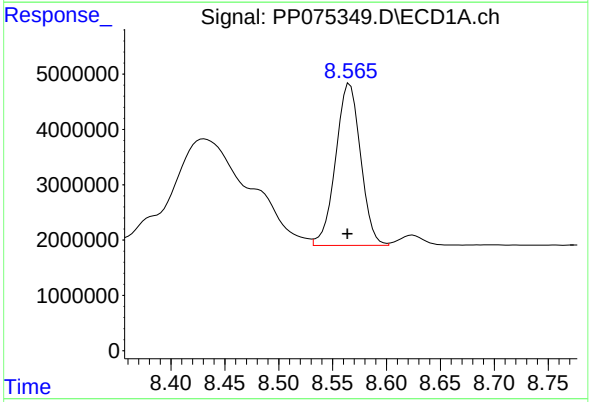
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2025
Supervised By :mohammad ahmed 09/30/2025



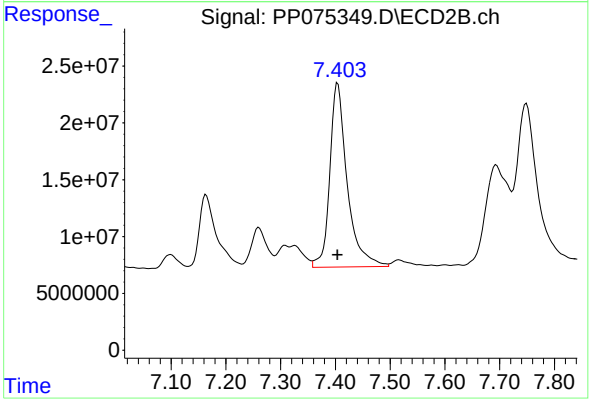
#34 AR-1260-4

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 144561718
Conc: 335.24 ng/ml



#35 AR-1260-5

R.T.: 8.566 min
Delta R.T.: 0.002 min
Response: 47163606
Conc: 429.51 ng/ml



#35 AR-1260-5

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 357478621
Conc: 339.81 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MS	SDG No.:	Q3178
Lab Sample ID:	Q3178-02MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	71.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114038.D	1	09/25/25 08:50	09/25/25 17:54	PB169825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	264		5.50	23.8	ug/kg
11104-28-2	Aroclor-1221	5.60	U	5.60	23.8	ug/kg
11141-16-5	Aroclor-1232	5.20	U	5.20	23.8	ug/kg
53469-21-9	Aroclor-1242	5.60	U	5.60	23.8	ug/kg
12672-29-6	Aroclor-1248	8.30	U	8.30	23.8	ug/kg
11097-69-1	Aroclor-1254	4.50	U	4.50	23.8	ug/kg
37324-23-5	Aroclor-1262	7.00	U	7.00	23.8	ug/kg
11100-14-4	Aroclor-1268	5.00	U	5.00	23.8	ug/kg
11096-82-5	Aroclor-1260	225		4.50	23.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.1		32 - 144	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.5		32 - 175	58%	SPK: 20

Comments:

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\PO092525\
Data File : PO114038.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 17:54
Operator : YP/AJ
Sample : Q3178-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 02:37:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.658	3.650	150.8E6	87904368	17.095	16.458
2)	SA Decachlor...	8.667	8.612	70697494	24056024	10.567	11.522
	Target Compounds						
3)	L1 AR-1016-1	4.740	4.721	174.5E6	100.7E6	575.053	552.326
4)	L1 AR-1016-2	4.758	4.739	263.5E6	152.6E6	579.142	551.183
5)	L1 AR-1016-3	4.815	4.914	169.4E6	81808952	566.217	547.790
6)	L1 AR-1016-4	4.934	4.956	132.8E6	63556114	552.555	526.522
7)	L1 AR-1016-5	5.190	5.168	134.5E6	80910386	560.385	539.165
31)	L7 AR-1260-1	6.224	6.194	271.6E6	124.3E6	553.983m	494.617
32)	L7 AR-1260-2	6.414	6.382	363.5E6	143.4E6	474.625m	433.881
33)	L7 AR-1260-3	6.779	6.532	270.0E6	127.3E6	401.281	454.178
34)	L7 AR-1260-4	7.038	7.001	212.3E6	75397291	490.515	394.314
35)	L7 AR-1260-5	7.282	7.244	555.1E6	163.2E6	490.057	383.285

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092525\
Data File : PO114038.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 17:54
Operator : YP/AJ
Sample : Q3178-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

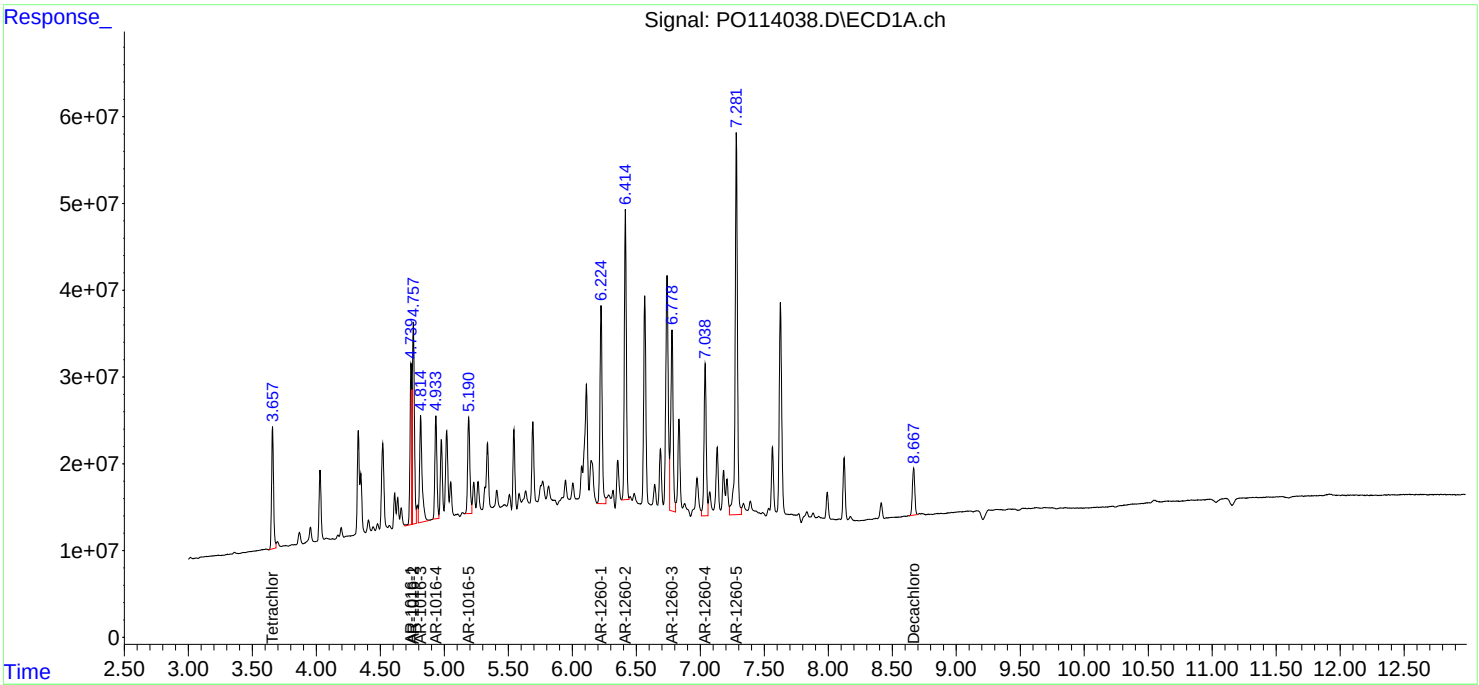
Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MS

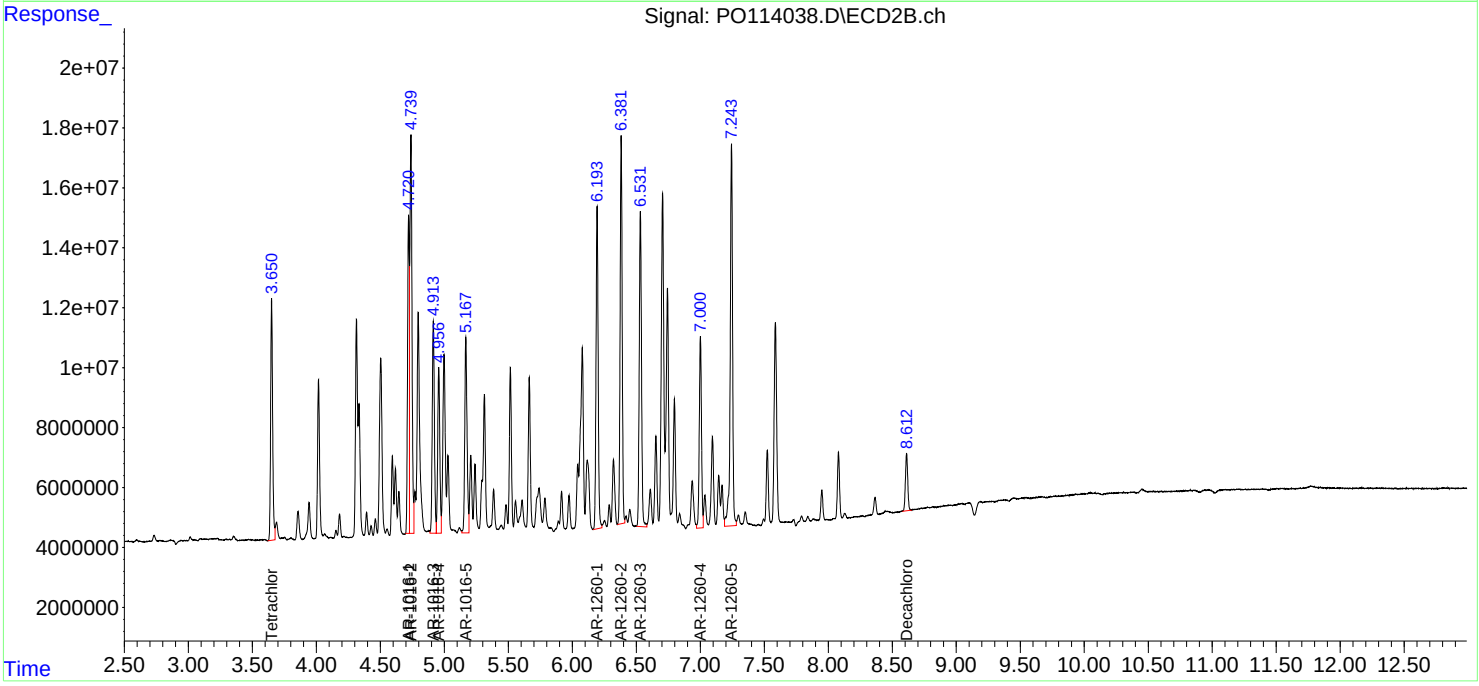
Manual Integrations APPROVED

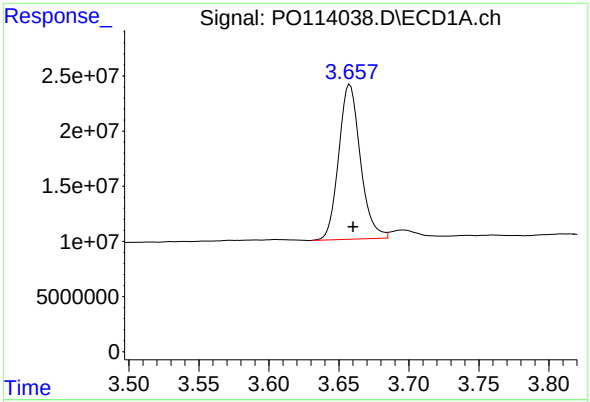
Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 02:37:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







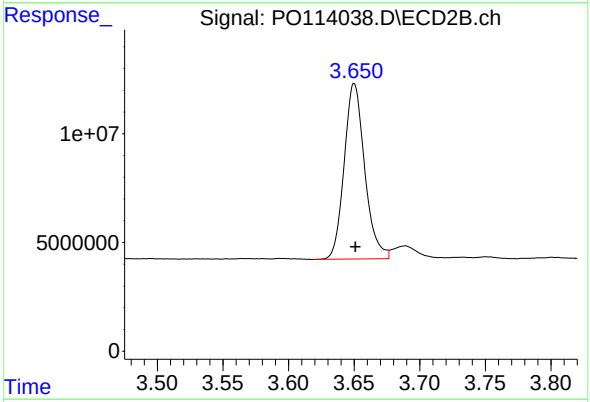
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 150768696
Conc: 17.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MS

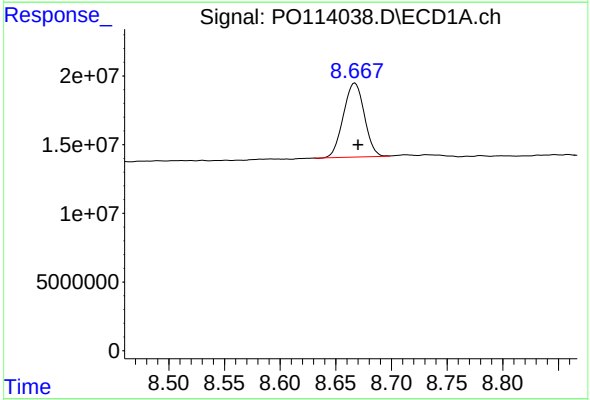
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



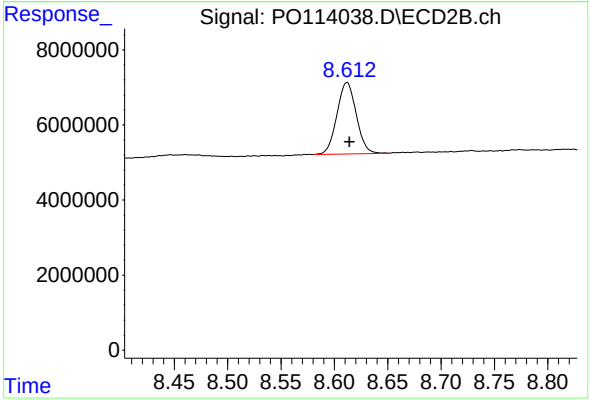
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 87904368
Conc: 16.46 ng/ml



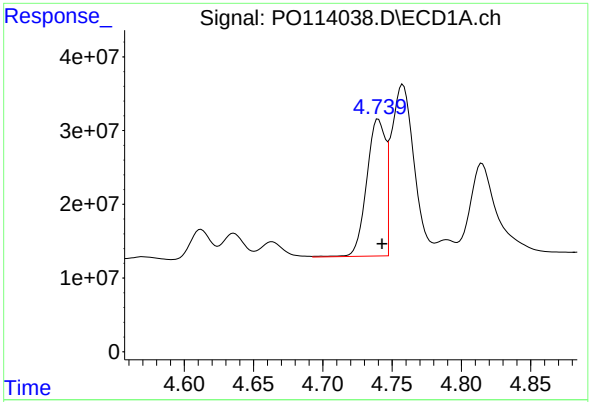
#2 Decachlorobiphenyl

R.T.: 8.667 min
Delta R.T.: -0.003 min
Response: 70697494
Conc: 10.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: -0.002 min
Response: 24056024
Conc: 11.52 ng/ml



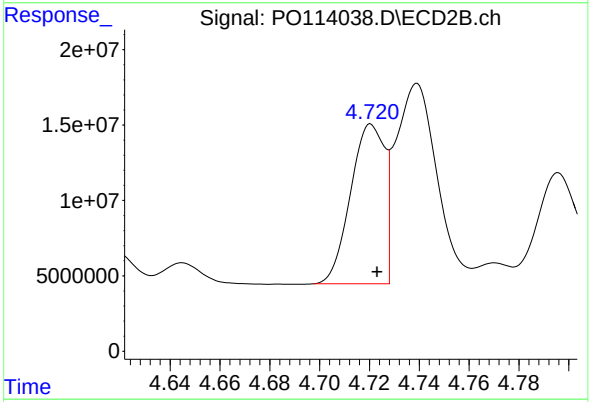
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 174536601
Conc: 575.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MS

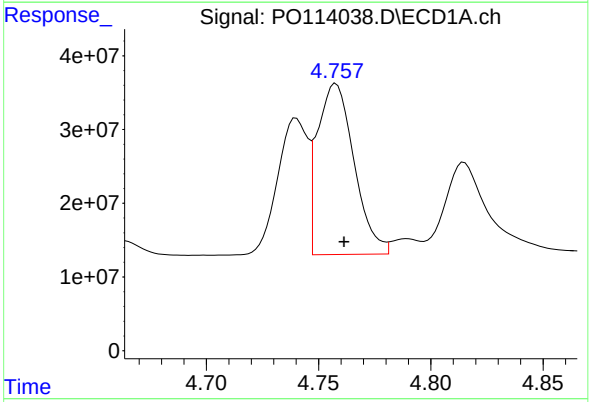
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



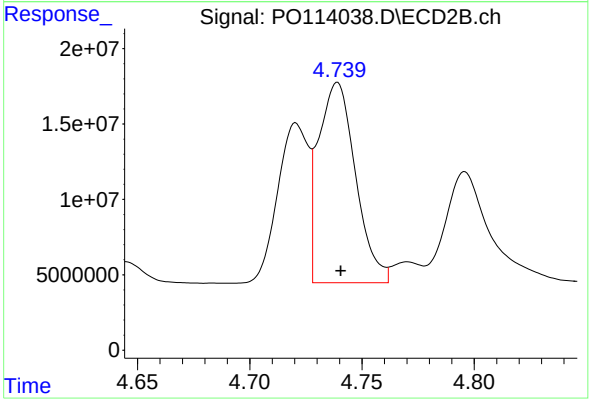
#3 AR-1016-1

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 100656643
Conc: 552.33 ng/ml



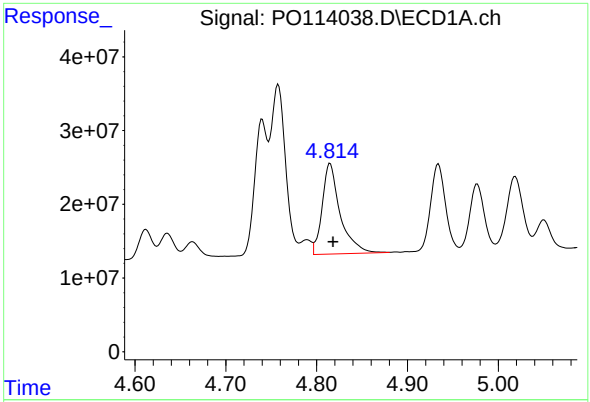
#4 AR-1016-2

R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 263546968
Conc: 579.14 ng/ml



#4 AR-1016-2

R.T.: 4.739 min
Delta R.T.: -0.002 min
Response: 152592321
Conc: 551.18 ng/ml



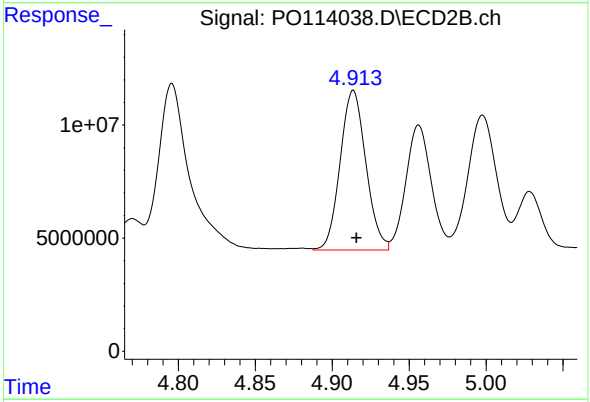
#5 AR-1016-3

R.T.: 4.815 min
Delta R.T.: -0.003 min
Response: 169417588
Conc: 566.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MS

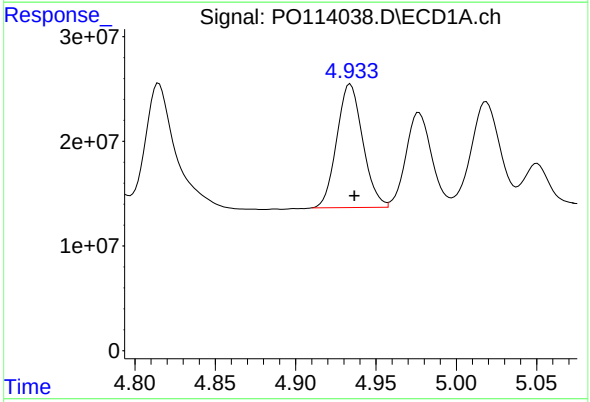
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



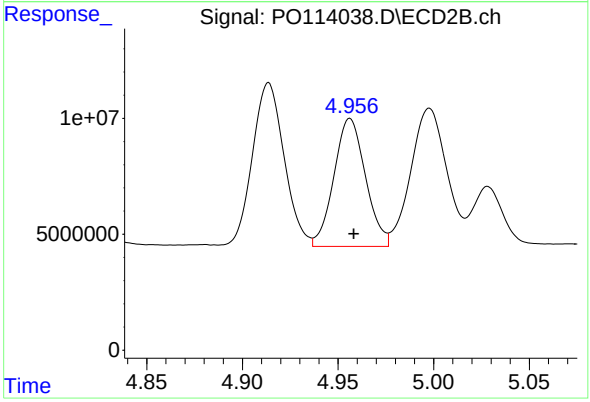
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.002 min
Response: 81808952
Conc: 547.79 ng/ml



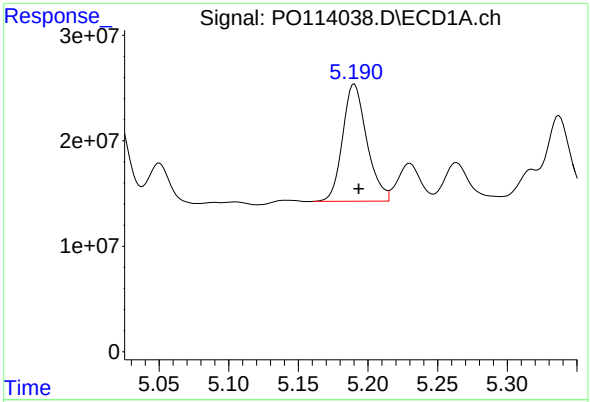
#6 AR-1016-4

R.T.: 4.934 min
Delta R.T.: -0.003 min
Response: 132822370
Conc: 552.56 ng/ml



#6 AR-1016-4

R.T.: 4.956 min
Delta R.T.: -0.002 min
Response: 63556114
Conc: 526.52 ng/ml



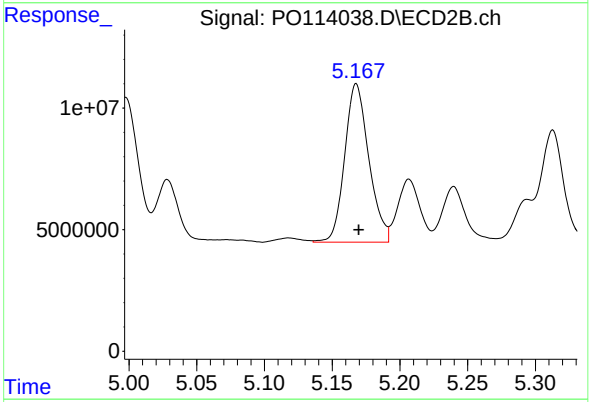
#7 AR-1016-5

R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 134548921
Conc: 560.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MS

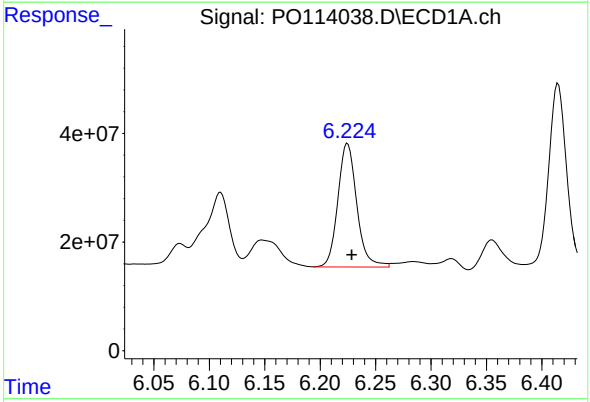
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



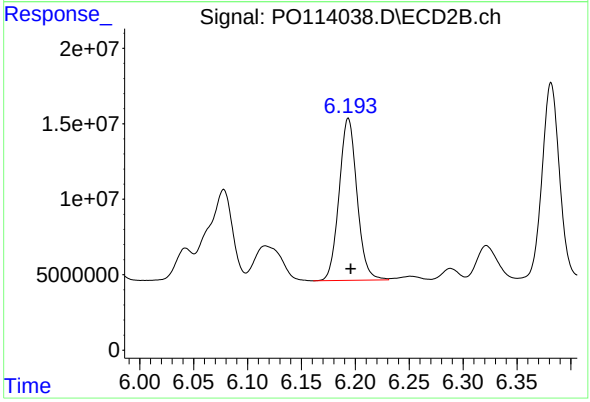
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 80910386
Conc: 539.16 ng/ml



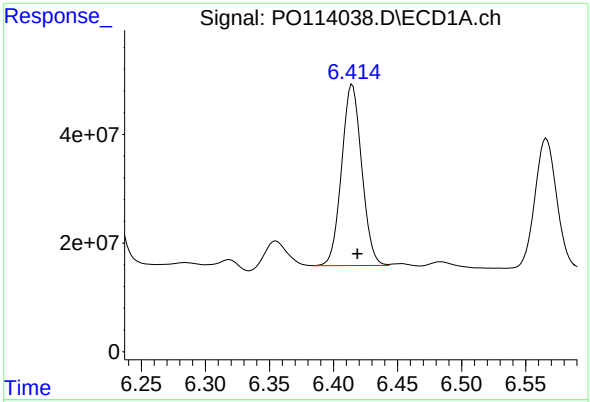
#31 AR-1260-1

R.T.: 6.224 min
Delta R.T.: -0.005 min
Response: 271563146
Conc: 553.98 ng/ml m



#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 124291990
Conc: 494.62 ng/ml



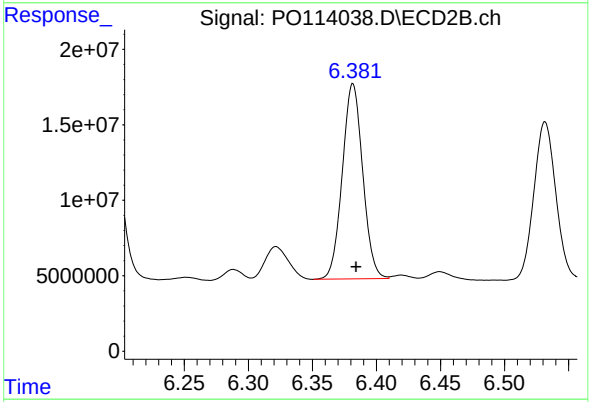
#32 AR-1260-2

R.T.: 6.414 min
Delta R.T.: -0.005 min
Response: 363486432
Conc: 474.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MS

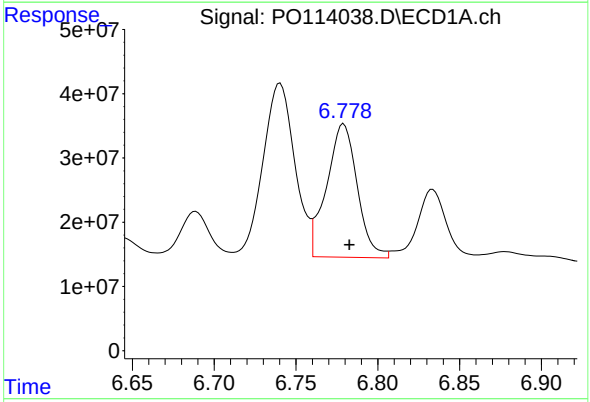
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



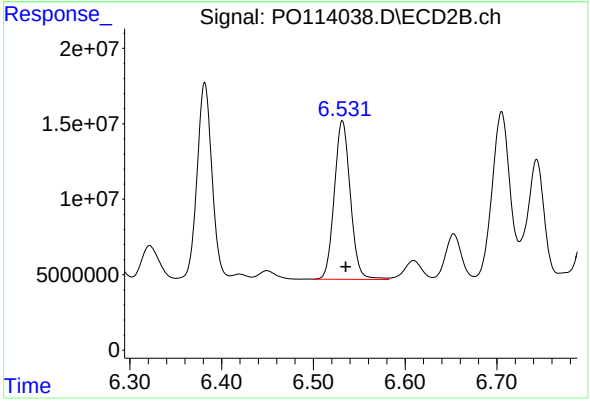
#32 AR-1260-2

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 143444554
Conc: 433.88 ng/ml



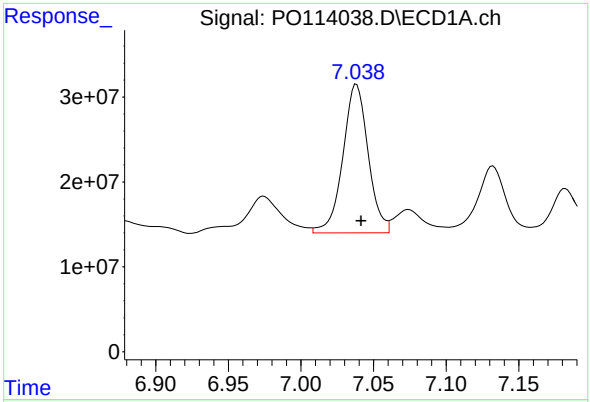
#33 AR-1260-3

R.T.: 6.779 min
Delta R.T.: -0.003 min
Response: 269986283
Conc: 401.28 ng/ml



#33 AR-1260-3

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 127332081
Conc: 454.18 ng/ml



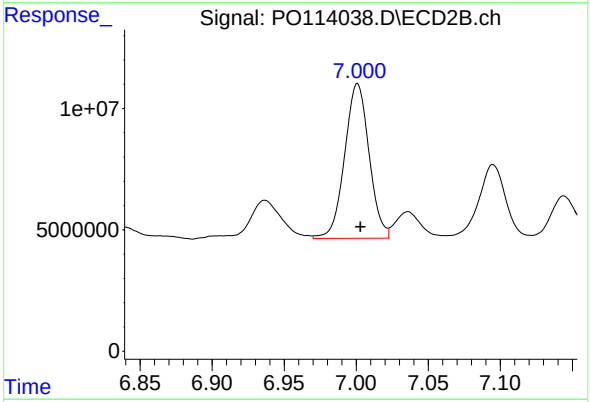
#34 AR-1260-4

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 212263458
Conc: 490.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MS

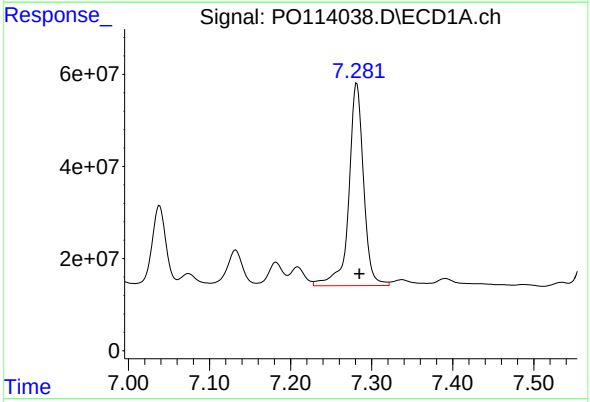
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



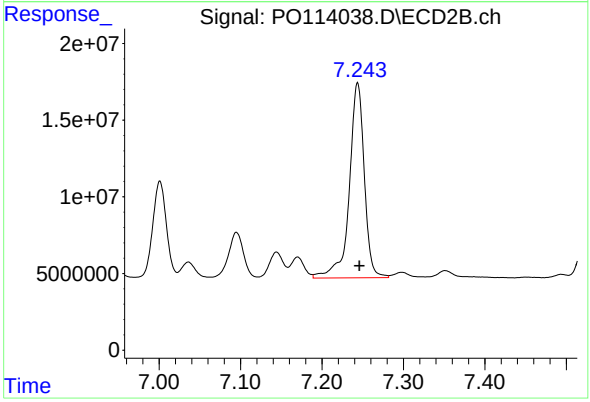
#34 AR-1260-4

R.T.: 7.001 min
Delta R.T.: -0.002 min
Response: 75397291
Conc: 394.31 ng/ml



#35 AR-1260-5

R.T.: 7.282 min
Delta R.T.: -0.003 min
Response: 555140133
Conc: 490.06 ng/ml



#35 AR-1260-5

R.T.: 7.244 min
Delta R.T.: -0.002 min
Response: 163156275
Conc: 383.28 ng/ml

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD	SDG No.:	Q3178
Lab Sample ID:	Q3178-03MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	71.4 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114039.D	1	09/25/25 08:50	09/25/25 18:11	PB169825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	266		5.50	23.8	ug/kg
11104-28-2	Aroclor-1221	5.60	U	5.60	23.8	ug/kg
11141-16-5	Aroclor-1232	5.20	U	5.20	23.8	ug/kg
53469-21-9	Aroclor-1242	5.60	U	5.60	23.8	ug/kg
12672-29-6	Aroclor-1248	8.30	U	8.30	23.8	ug/kg
11097-69-1	Aroclor-1254	4.50	U	4.50	23.8	ug/kg
37324-23-5	Aroclor-1262	7.00	U	7.00	23.8	ug/kg
11100-14-4	Aroclor-1268	5.00	U	5.00	23.8	ug/kg
11096-82-5	Aroclor-1260	226		4.50	23.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.2		32 - 144	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.7		32 - 175	58%	SPK: 20

Comments:

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\PO092525\
Data File : PO114039.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 18:11
Operator : YP/AJ
Sample : Q3178-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 02:38:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.658	3.650	151.4E6	87583416	17.169	16.398
2)	SA Decachlor...	8.668	8.612	71343284	24397161	10.664	11.686
	Target Compounds						
3)	L1 AR-1016-1	4.740	4.721	175.1E6	100.5E6	576.789	551.485
4)	L1 AR-1016-2	4.758	4.738	266.7E6	153.8E6	586.122	555.508
5)	L1 AR-1016-3	4.815	4.913	169.4E6	82039339	566.306	549.333
6)	L1 AR-1016-4	4.934	4.956	133.9E6	63618474	557.165	527.039
7)	L1 AR-1016-5	5.190	5.167	135.6E6	80842194	564.634	538.711
31)	L7 AR-1260-1	6.225	6.193	279.3E6	125.1E6	569.769m	497.664
32)	L7 AR-1260-2	6.415	6.381	369.8E6	144.3E6	482.856m	436.447
33)	L7 AR-1260-3	6.780	6.532	270.4E6	127.5E6	401.937	454.790
34)	L7 AR-1260-4	7.038	7.001	210.7E6	75730688	486.904	396.058
35)	L7 AR-1260-5	7.283	7.243	549.1E6	163.8E6	484.696	384.720

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

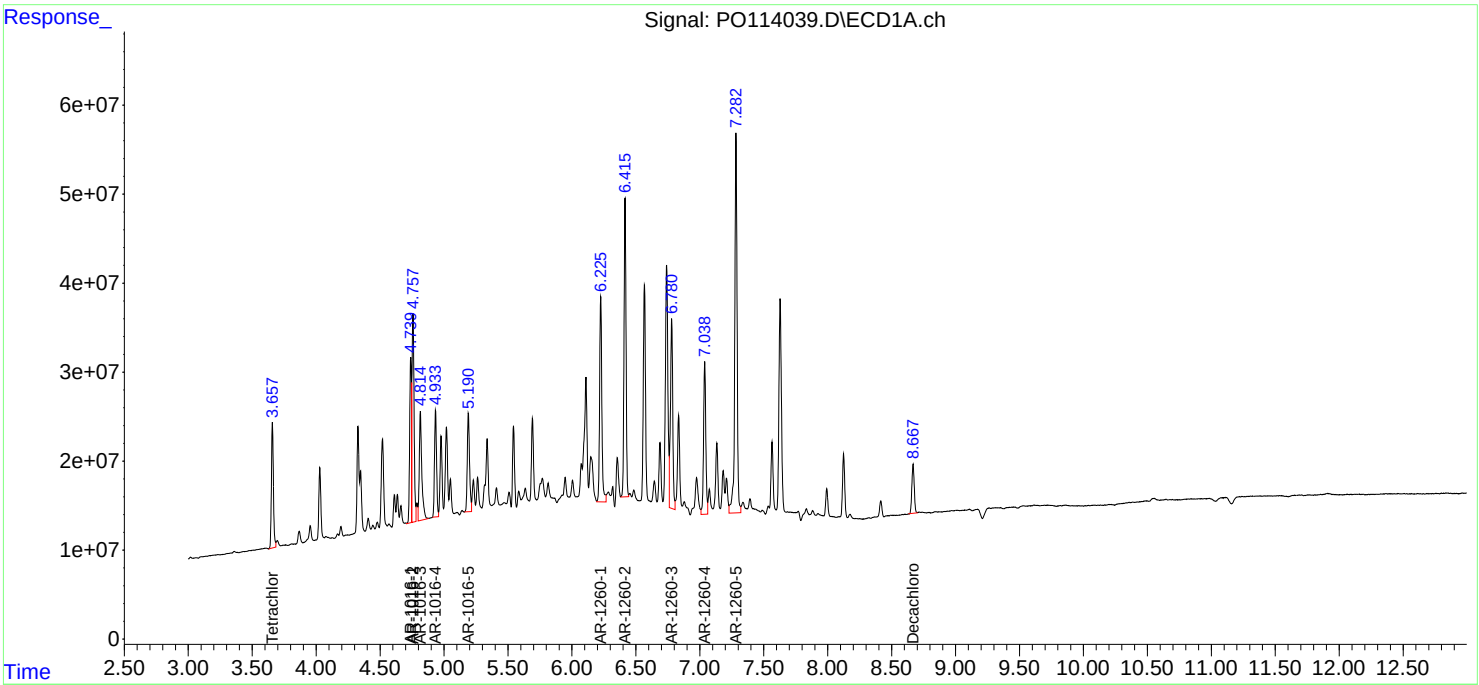
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092525\
Data File : PO114039.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 18:11
Operator : YP/AJ
Sample : Q3178-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

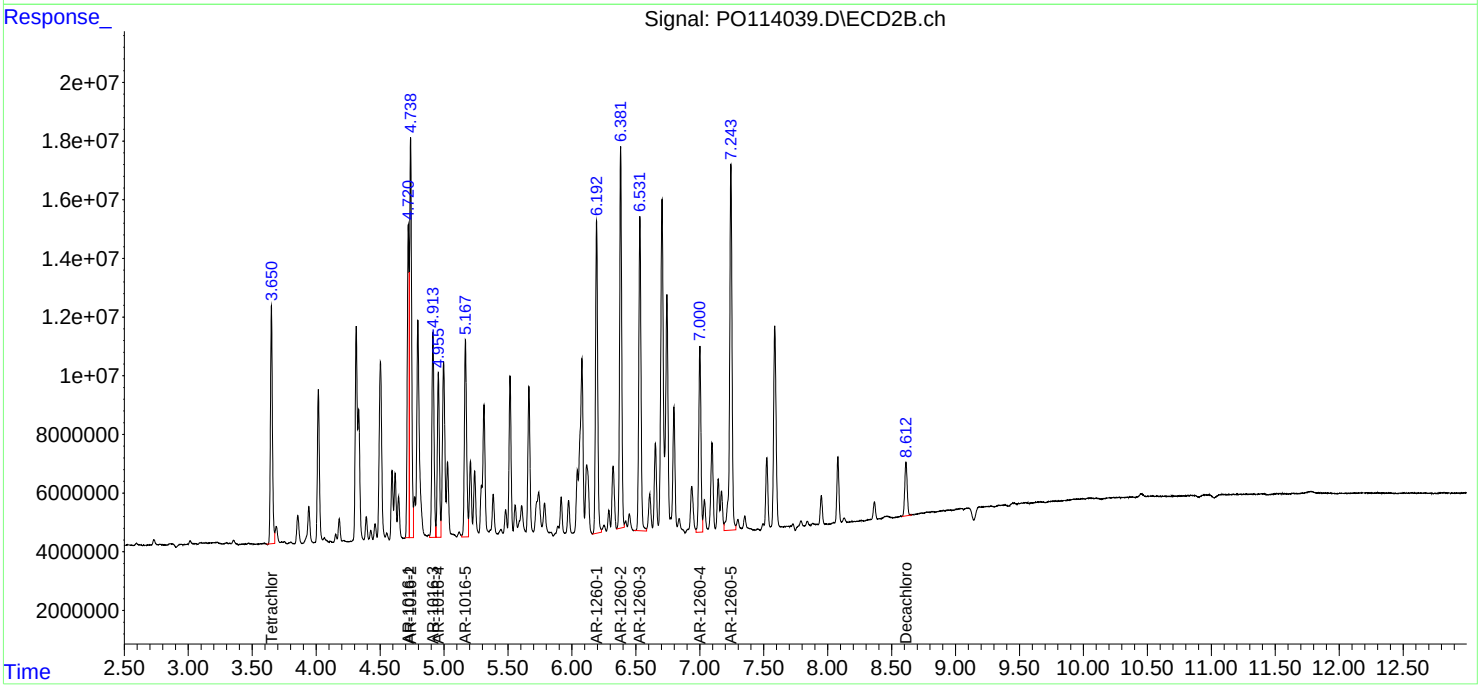
Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MSD

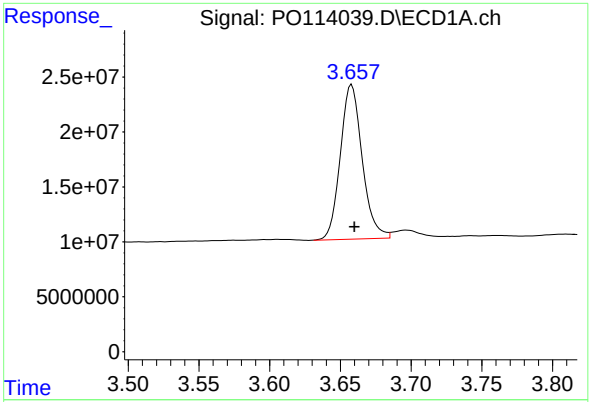
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 02:38:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091525.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 16 02:49:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







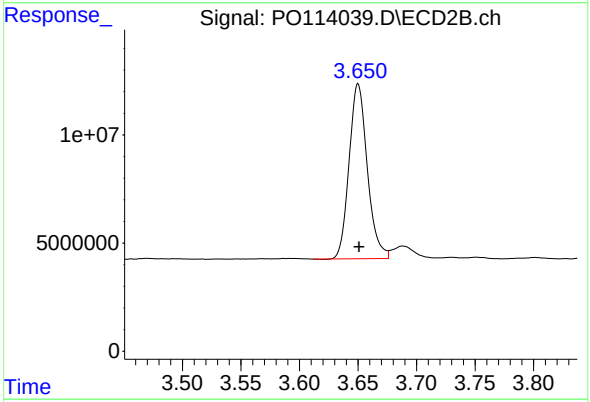
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 151423948
Conc: 17.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MSD

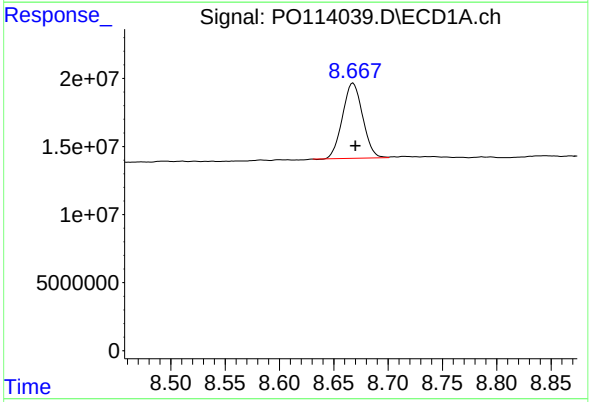
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



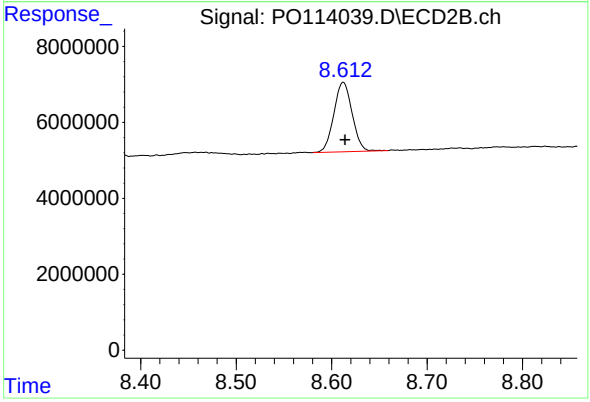
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 87583416
Conc: 16.40 ng/ml



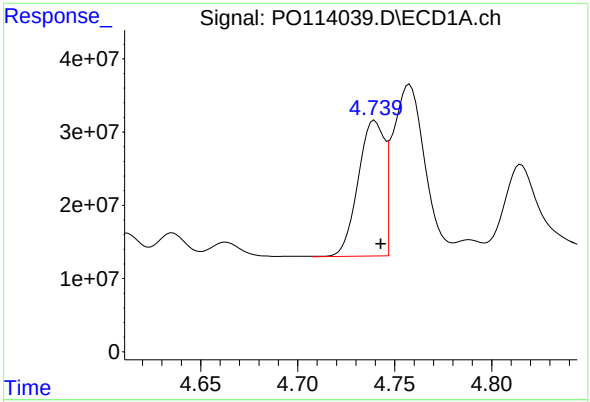
#2 Decachlorobiphenyl

R.T.: 8.668 min
Delta R.T.: -0.002 min
Response: 71343284
Conc: 10.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.612 min
Delta R.T.: -0.002 min
Response: 24397161
Conc: 11.69 ng/ml



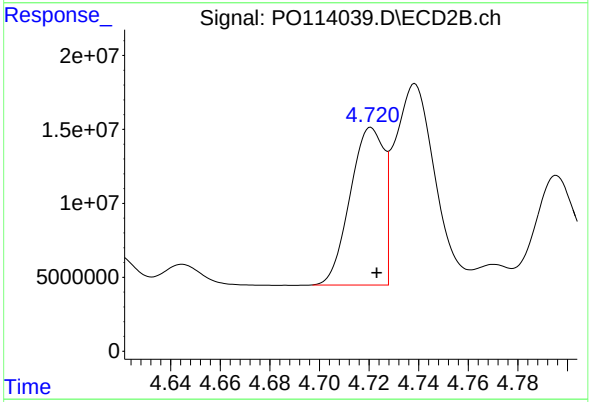
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 175063284
Conc: 576.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MSD

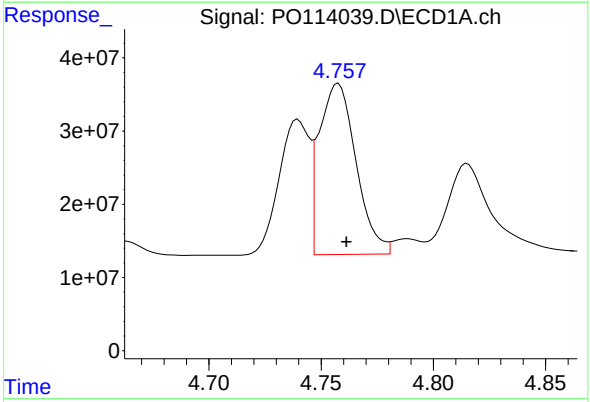
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



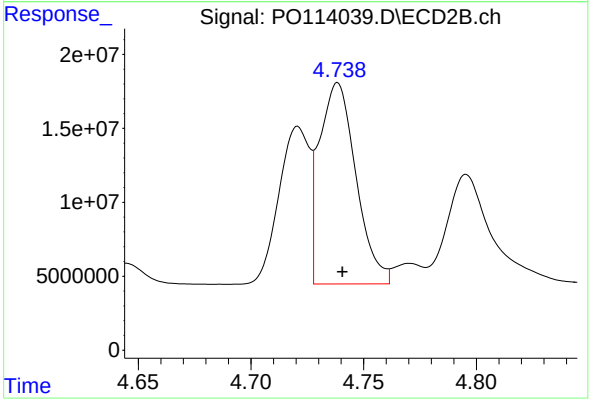
#3 AR-1016-1

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 100503461
Conc: 551.49 ng/ml



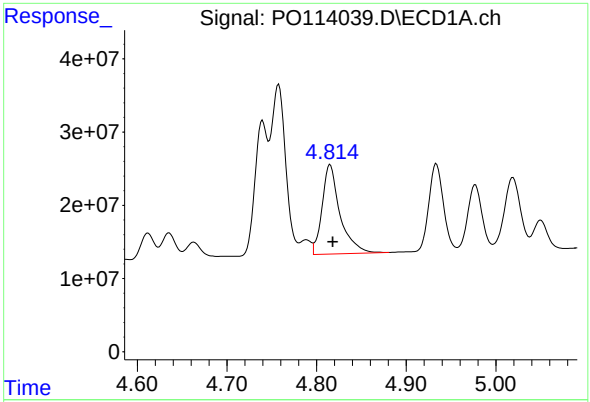
#4 AR-1016-2

R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 266723128
Conc: 586.12 ng/ml



#4 AR-1016-2

R.T.: 4.738 min
Delta R.T.: -0.002 min
Response: 153789688
Conc: 555.51 ng/ml



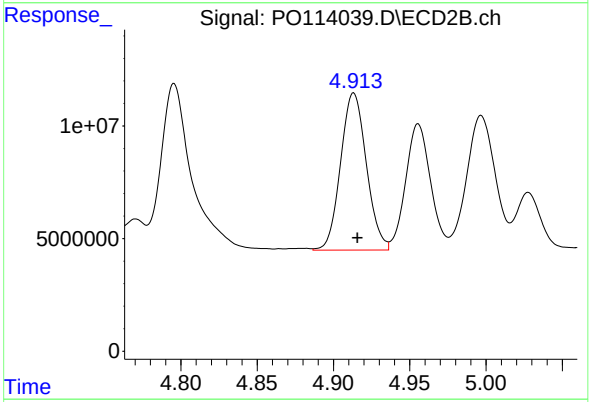
#5 AR-1016-3

R.T.: 4.815 min
Delta R.T.: -0.003 min
Response: 169444329
Conc: 566.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MSD

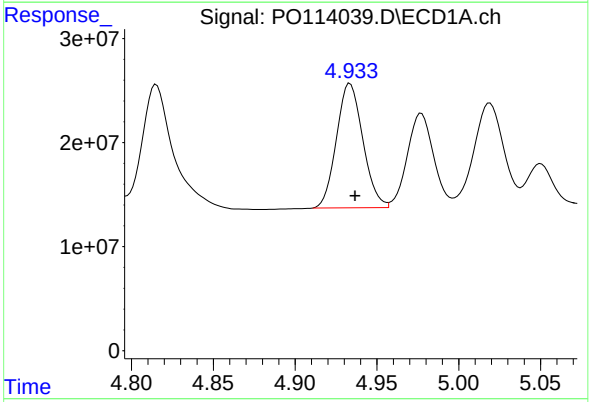
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



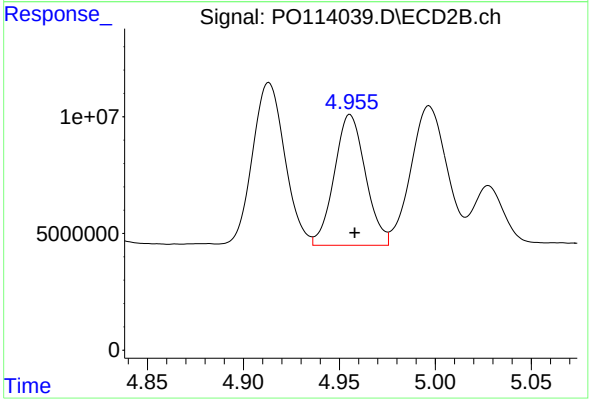
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 82039339
Conc: 549.33 ng/ml



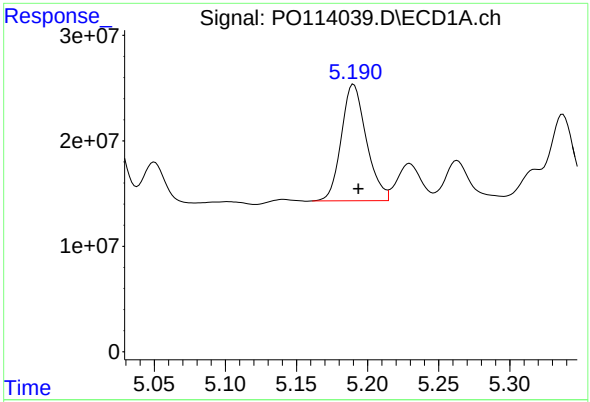
#6 AR-1016-4

R.T.: 4.934 min
Delta R.T.: -0.003 min
Response: 133930593
Conc: 557.17 ng/ml



#6 AR-1016-4

R.T.: 4.956 min
Delta R.T.: -0.003 min
Response: 63618474
Conc: 527.04 ng/ml



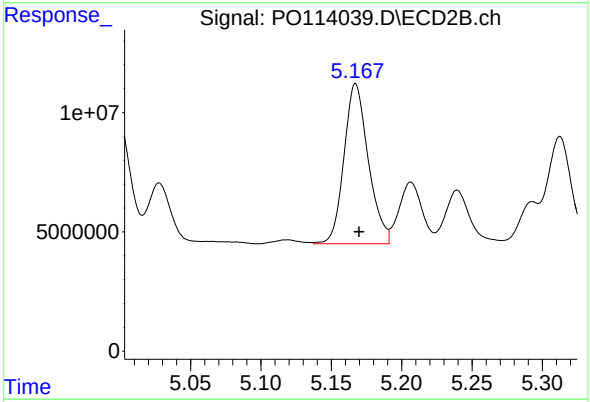
#7 AR-1016-5

R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 135568966
Conc: 564.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MSD

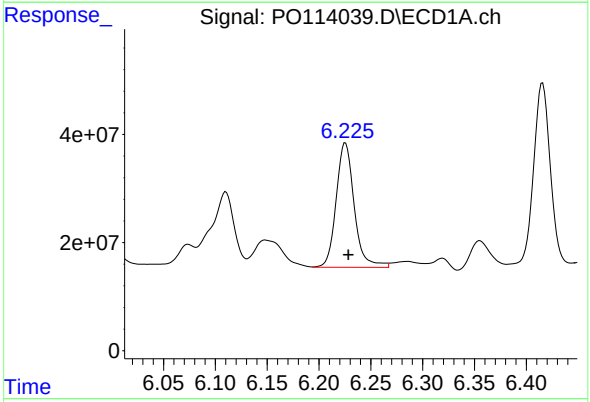
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



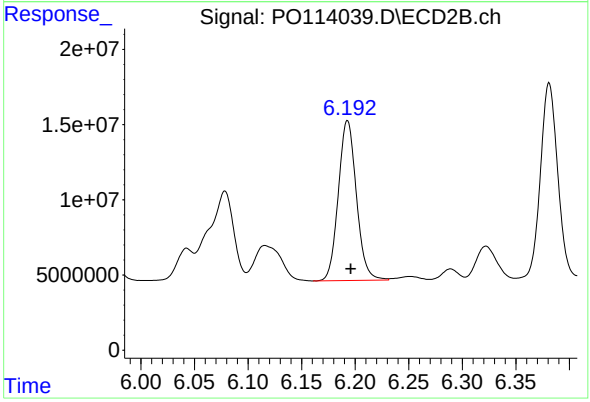
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 80842194
Conc: 538.71 ng/ml



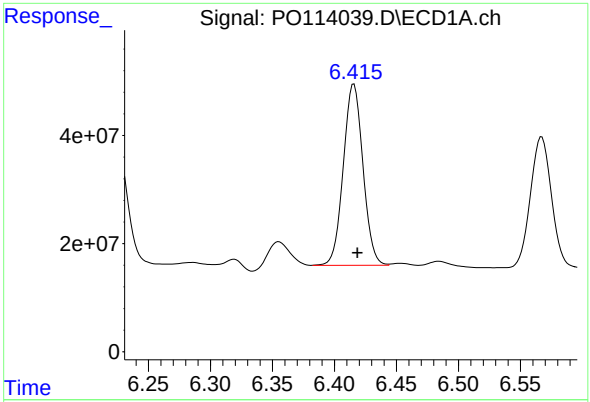
#31 AR-1260-1

R.T.: 6.225 min
Delta R.T.: -0.004 min
Response: 279301903
Conc: 569.77 ng/ml m



#31 AR-1260-1

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 125057731
Conc: 497.66 ng/ml



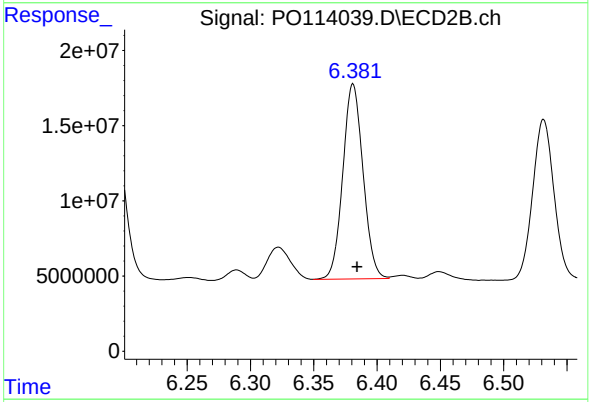
#32 AR-1260-2

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 369790453
Conc: 482.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MSD

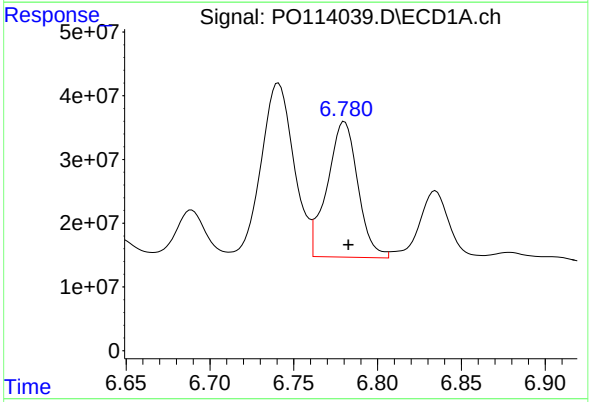
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



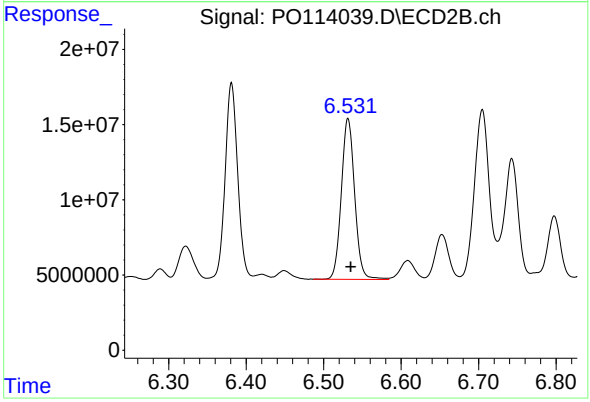
#32 AR-1260-2

R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 144292822
Conc: 436.45 ng/ml



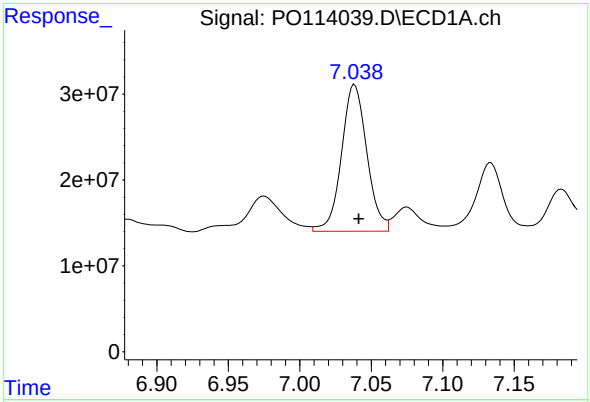
#33 AR-1260-3

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 270427875
Conc: 401.94 ng/ml



#33 AR-1260-3

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 127503751
Conc: 454.79 ng/ml



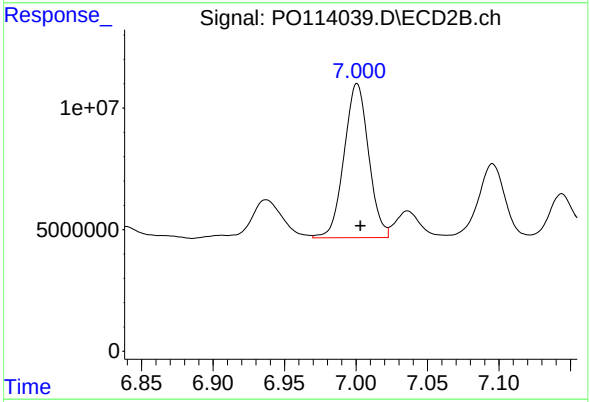
#34 AR-1260-4

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 210701035
Conc: 486.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
EME-TS14-01MSD

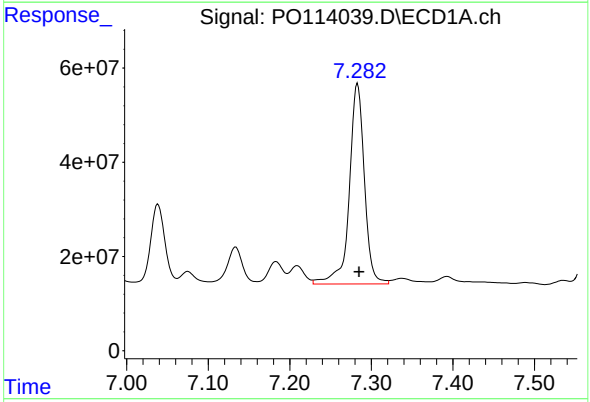
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2025
Supervised By :mohammad ahmed 09/30/2025



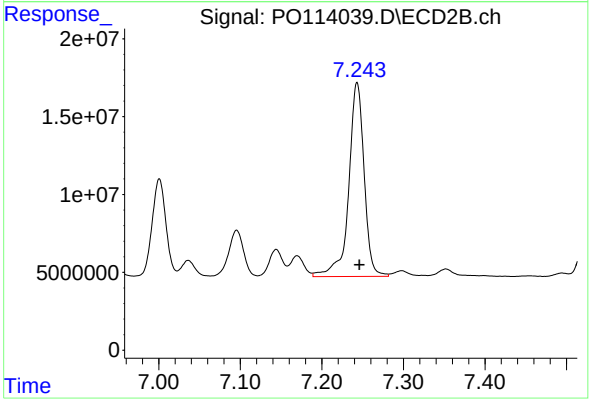
#34 AR-1260-4

R.T.: 7.001 min
Delta R.T.: -0.002 min
Response: 75730688
Conc: 396.06 ng/ml



#35 AR-1260-5

R.T.: 7.283 min
Delta R.T.: -0.002 min
Response: 549066807
Conc: 484.70 ng/ml



#35 AR-1260-5

R.T.: 7.243 min
Delta R.T.: -0.003 min
Response: 163767153
Conc: 384.72 ng/ml

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

Manual Integration Report

Sequence:	po091525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO113723.D	AR-1016-3 #2	yogesh	9/16/2025 8:17:06 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC250	PO113723.D	AR-1016-4	yogesh	9/16/2025 8:17:06 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC250	PO113723.D	AR-1016-4 #2	yogesh	9/16/2025 8:17:06 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC250	PO113723.D	AR-1016-5	yogesh	9/16/2025 8:17:06 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC250	PO113723.D	AR-1016-5 #2	yogesh	9/16/2025 8:17:06 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1016-3 #2	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1016-4	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1016-4 #2	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1016-5	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1016-5 #2	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1660ICC050	PO113724.D	AR-1260-4 #2	yogesh	9/16/2025 8:17:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	AR-1242-1	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	AR-1242-2	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po091525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO113731.D	AR-1242-3 #2	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	AR-1242-4 #2	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	AR-1242-5 #2	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	Tetrachloro-m-xylene	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1242ICC050	PO113731.D	Tetrachloro-m-xylene #2	yogesh	9/16/2025 8:17:09 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1248ICC250	PO113735.D	Tetrachloro-m-xylene	yogesh	9/16/2025 8:17:11 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1254ICC050	PO113741.D	AR-1254-1	yogesh	9/16/2025 8:17:15 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1254ICC050	PO113741.D	AR-1254-2	yogesh	9/16/2025 8:17:15 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1254ICC050	PO113741.D	AR-1254-3	yogesh	9/16/2025 8:17:15 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1254ICC050	PO113741.D	AR-1254-4	yogesh	9/16/2025 8:17:15 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1268ICC050	PO113747.D	AR-1268-1 #2	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1268ICC050	PO113747.D	AR-1268-2 #2	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1268ICC050	PO113747.D	AR-1268-3	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po091525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC050	PO113747.D	AR-1268-3 #2	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1268ICC050	PO113747.D	Tetrachloro-m-xylene	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
AR1268ICC050	PO113747.D	Tetrachloro-m-xylene #2	yogesh	9/16/2025 8:17:16 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software
PO091525ICV500	PO113748.D	AR-1260-5	yogesh	9/16/2025 8:45:08 AM	mohammad	9/17/2025 2:07:54	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PO092525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO114014.D	AR-1260-4	yogesh	9/26/2025 7:32:43 AM	mohammad	9/30/2025 1:27:31	Peak Integrated by Software
AR1660CCC500	PO114014.D	AR-1260-5	yogesh	9/26/2025 7:32:43 AM	mohammad	9/30/2025 1:27:31	Peak Integrated by Software
AR1248CCC500	PO114016.D	AR-1248-2	yogesh	9/26/2025 7:32:46 AM	mohammad	9/30/2025 1:27:31	Peak Integrated by Software
AR1248CCC500	PO114016.D	AR-1248-5	yogesh	9/26/2025 7:32:46 AM	mohammad	9/30/2025 1:27:31	Peak Integrated by Software
Q3178-02MS	PO114038.D	AR-1260-1	yogesh	9/26/2025 7:32:55 AM	mohammad	9/30/2025 1:27:31	Peak Integrated by Software
Q3178-02MS	PO114038.D	AR-1260-2	yogesh	9/26/2025 7:32:55 AM	mohammad	9/30/2025 1:27:31	Peak Integrated by Software
Q3178-03MSD	PO114039.D	AR-1260-1	yogesh	9/26/2025 7:32:56 AM	mohammad	9/30/2025 1:27:31	Peak Integrated by Software
Q3178-03MSD	PO114039.D	AR-1260-2	yogesh	9/26/2025 7:32:56 AM	mohammad	9/30/2025 1:27:31	Peak Integrated by Software
AR1242CCC500	PO114044.D	AR-1242-4	yogesh	9/26/2025 7:33:00 AM	mohammad	9/30/2025 1:27:31	Peak Integrated by Software
AR1660CCC500	PO114053.D	AR-1016-5	yogesh	9/26/2025 7:33:02 AM	mohammad	9/30/2025 1:27:31	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp092325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP075250.D	AR-1260-4	yogesh	9/24/2025 8:09:44 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1016-3	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1016-5	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1260-1	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1260-3 #2	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1260-4	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1260-5 #2	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	Decachlorobiphenyl	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICC1000	PP075254.D	AR-1242-4 #2	yogesh	9/24/2025 8:09:49 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICC750	PP075255.D	AR-1242-4 #2	yogesh	9/24/2025 8:09:51 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICC500	PP075256.D	AR-1242-4 #2	yogesh	9/24/2025 8:09:53 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICC250	PP075257.D	AR-1242-4 #2	yogesh	9/24/2025 8:09:55 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICC050	PP075258.D	AR-1242-5	yogesh	9/24/2025 8:09:57 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp092325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP075258.D	Tetrachloro-m-xylene	yogesh	9/24/2025 8:09:57 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC1000	PP075259.D	AR-1248-3 #2	yogesh	9/24/2025 8:09:59 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC750	PP075260.D	AR-1248-3 #2	yogesh	9/24/2025 8:10:01 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC500	PP075261.D	AR-1248-3 #2	yogesh	9/24/2025 8:10:03 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC250	PP075262.D	AR-1248-3 #2	yogesh	9/24/2025 8:10:05 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC050	PP075263.D	AR-1248-3 #2	yogesh	9/24/2025 8:10:06 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC050	PP075263.D	AR-1248-5	yogesh	9/24/2025 8:10:06 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC050	PP075263.D	Tetrachloro-m-xylene	yogesh	9/24/2025 8:10:06 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICC1000	PP075264.D	AR-1254-1	yogesh	9/24/2025 8:10:09 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICC750	PP075265.D	AR-1254-1	yogesh	9/24/2025 8:10:11 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICC500	PP075266.D	AR-1254-1	yogesh	9/24/2025 8:10:12 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICC250	PP075267.D	AR-1254-1	yogesh	9/24/2025 8:10:15 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICC050	PP075268.D	AR-1254-1	yogesh	9/24/2025 8:10:16 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp092325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC050	PP075274.D	AR-1268-1	yogesh	9/24/2025 8:10:18 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1268ICC050	PP075274.D	AR-1268-3 #2	yogesh	9/24/2025 8:10:18 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1268ICC050	PP075274.D	AR-1268-4 #2	yogesh	9/24/2025 8:10:18 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1268ICC050	PP075274.D	AR-1268-5 #2	yogesh	9/24/2025 8:10:18 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1268ICC050	PP075274.D	Tetrachloro-m-xylene #2	yogesh	9/24/2025 8:10:18 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
PP092325ICV500	PP075275.D	Decachlorobiphenyl #2	yogesh	9/24/2025 8:10:21 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICV500	PP075276.D	AR-1242-4 #2	yogesh	9/24/2025 8:10:24 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICV500	PP075276.D	Decachlorobiphenyl #2	yogesh	9/24/2025 8:10:24 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICV500	PP075277.D	AR-1248-3 #2	yogesh	9/24/2025 8:10:26 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICV500	PP075278.D	AR-1254-1	yogesh	9/24/2025 8:10:28 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICV500	PP075278.D	Decachlorobiphenyl #2	yogesh	9/24/2025 8:10:28 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1268ICV500	PP075279.D	Decachlorobiphenyl #2	yogesh	9/24/2025 8:10:30 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp092325	Instrument	ECD_p

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:	pp092525	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PP075311.D	AR-1260-4	yogesh	9/26/2025 10:01:48 AM	Sohil	9/26/2025 3:45:13	Peak Integrated by Software
AR1660CCC50 0	PP075311.D	AR-1260-5	yogesh	9/26/2025 10:01:48 AM	Sohil	9/26/2025 3:45:13	Peak Integrated by Software
AR1242CCC50 0	PP075312.D	AR-1242-4 #2	yogesh	9/26/2025 10:01:46 AM	Sohil	9/26/2025 3:45:15	Peak Integrated by Software
AR1248CCC50 0	PP075313.D	AR-1248-3 #2	yogesh	9/26/2025 10:01:45 AM	Sohil	9/26/2025 3:45:17	Peak Integrated by Software
AR1248CCC50 0	PP075313.D	AR-1248-5 #2	yogesh	9/26/2025 10:01:45 AM	Sohil	9/26/2025 3:45:17	Peak Integrated by Software
I.BLK	PP075315.D	Tetrachloro-m-xylene	yogesh	9/26/2025 10:01:43 AM	Sohil	9/26/2025 3:45:19	Peak Integrated by Software
AR1242CCC50 0	PP075327.D	AR-1242-4 #2	yogesh	9/26/2025 10:01:11 AM	Sohil	9/26/2025 3:45:29	Peak Integrated by Software
AR1248CCC50 0	PP075328.D	AR-1248-3 #2	yogesh	9/26/2025 10:01:14 AM	Sohil	9/26/2025 3:45:31	Peak Integrated by Software
AR1254CCC50 0	PP075329.D	AR-1254-1	yogesh	9/26/2025 10:01:16 AM	Sohil	9/26/2025 3:45:33	Peak Integrated by Software
AR1242CCC50 0	PP075342.D	AR-1242-4 #2	yogesh	9/26/2025 10:01:24 AM	Sohil	9/26/2025 3:45:42	Peak Integrated by Software
AR1248CCC50 0	PP075343.D	AR-1248-3 #2	yogesh	9/26/2025 10:01:26 AM	Sohil	9/26/2025 3:45:44	Peak Integrated by Software
AR1254CCC50 0	PP075344.D	AR-1254-1	yogesh	9/26/2025 10:01:28 AM	Sohil	9/26/2025 3:45:46	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp092525	Instrument	ECD_p

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:	pp092625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169825BS	PP075349.D	AR-1016-1	yogesh	9/29/2025 8:45:43 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
PB169825BS	PP075349.D	AR-1016-2	yogesh	9/29/2025 8:45:43 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
PB169825BS	PP075349.D	AR-1016-3	yogesh	9/29/2025 8:45:43 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
PB169825BS	PP075349.D	AR-1016-4	yogesh	9/29/2025 8:45:43 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
PB169825BS	PP075349.D	AR-1016-5	yogesh	9/29/2025 8:45:43 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
PB169825BS	PP075349.D	AR-1260-4	yogesh	9/29/2025 8:45:43 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
AR1242CCC500	PP075353.D	AR-1242-4 #2	yogesh	9/29/2025 8:45:49 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
AR1248CCC500	PP075354.D	AR-1248-3 #2	yogesh	9/29/2025 8:45:52 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
AR1254CCC500	PP075355.D	AR-1254-1	yogesh	9/29/2025 8:45:54 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
AR1242CCC500	PP075368.D	AR-1242-4 #2	yogesh	9/29/2025 8:46:08 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
AR1248CCC500	PP075369.D	AR-1248-3 #2	yogesh	9/29/2025 8:46:11 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
AR1254CCC500	PP075370.D	AR-1254-1	yogesh	9/29/2025 8:46:17 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software
AR1254CCC500	PP075370.D	Decachlorobiphenyl	yogesh	9/29/2025 8:46:17 AM	mohammad	9/30/2025 1:27:48	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp092625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO091525

Review By	yogesh	Review On	9/15/2025 12:11:18 PM		
Supervise By	mohammad	Supervise On	9/17/2025 2:07:54 AM		
SubDirectory	PO091525	HP Acquire Method		HP Processing Method	PO091525

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	PO113718.D	15 Sep 2025 08:58	YP/AJ	Ok
2	I.BLK	PO113719.D	15 Sep 2025 09:16	YP/AJ	Ok
3	AR1660ICC1000	PO113720.D	15 Sep 2025 09:34	YP/AJ	Ok
4	AR1660ICC750	PO113721.D	15 Sep 2025 09:53	YP/AJ	Ok
5	AR1660ICC500	PO113722.D	15 Sep 2025 10:11	YP/AJ	Ok
6	AR1660ICC250	PO113723.D	15 Sep 2025 10:30	YP/AJ	Ok,M
7	AR1660ICC050	PO113724.D	15 Sep 2025 10:48	YP/AJ	Ok,M
8	AR1221ICC500	PO113725.D	15 Sep 2025 11:06	YP/AJ	Ok
9	AR1232ICC500	PO113726.D	15 Sep 2025 11:25	YP/AJ	Ok
10	AR1242ICC1000	PO113727.D	15 Sep 2025 11:43	YP/AJ	Ok
11	AR1242ICC750	PO113728.D	15 Sep 2025 12:02	YP/AJ	Ok
12	AR1242ICC500	PO113729.D	15 Sep 2025 12:20	YP/AJ	Ok
13	AR1242ICC250	PO113730.D	15 Sep 2025 12:38	YP/AJ	Ok
14	AR1242ICC050	PO113731.D	15 Sep 2025 13:34	YP/AJ	Ok,M
15	AR1248ICC1000	PO113732.D	15 Sep 2025 13:54	YP/AJ	Ok
16	AR1248ICC750	PO113733.D	15 Sep 2025 14:13	YP/AJ	Ok
17	AR1248ICC500	PO113734.D	15 Sep 2025 14:31	YP/AJ	Ok
18	AR1248ICC250	PO113735.D	15 Sep 2025 14:49	YP/AJ	Ok,M
19	AR1248ICC050	PO113736.D	15 Sep 2025 15:26	YP/AJ	Ok
20	AR1254ICC1000	PO113737.D	15 Sep 2025 15:45	YP/AJ	Ok
21	AR1254ICC750	PO113738.D	15 Sep 2025 16:02	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 # PO091525

Review By	yogesh	Review On	9/15/2025 12:11:18 PM		
Supervise By	mohammad	Supervise On	9/17/2025 2:07:54 AM		
SubDirectory	PO091525	HP Acquire Method		HP Processing Method	PO091525

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	PO113739.D	15 Sep 2025 16:20	YP/AJ	Ok
23	AR1254ICC250	PO113740.D	15 Sep 2025 16:38	YP/AJ	Ok
24	AR1254ICC050	PO113741.D	15 Sep 2025 17:14	YP/AJ	Ok,M
25	AR1262ICC500	PO113742.D	15 Sep 2025 17:33	YP/AJ	Ok
26	AR1268ICC1000	PO113743.D	15 Sep 2025 17:51	YP/AJ	Ok
27	AR1268ICC750	PO113744.D	15 Sep 2025 18:10	YP/AJ	Ok
28	AR1268ICC500	PO113745.D	15 Sep 2025 18:27	YP/AJ	Ok
29	AR1268ICC250	PO113746.D	15 Sep 2025 18:45	YP/AJ	Ok
30	AR1268ICC050	PO113747.D	15 Sep 2025 19:21	YP/AJ	Ok,M
31	PO091525ICV500	PO113748.D	15 Sep 2025 19:40	YP/AJ	Ok,M
32	AR1242ICV500	PO113749.D	15 Sep 2025 20:16	YP/AJ	Ok
33	AR1248ICV500	PO113750.D	15 Sep 2025 21:11	YP/AJ	Ok
34	AR1254ICV500	PO113751.D	15 Sep 2025 22:05	YP/AJ	Ok
35	AR1268ICV500	PO113752.D	15 Sep 2025 23:00	YP/AJ	Ok
36	DDT ANALOG	PO113753.D	15 Sep 2025 23:37	YP/AJ	Ok,M

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 # PO092525

Review By	yogesh	Review On	9/25/2025 10:16:48 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:31 AM		
SubDirectory	PO092525	HP Acquire Method		HP Processing Method	PO091925

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	PO114013.D	25 Sep 2025 08:42	YP/AJ	Ok
2	AR1660CCC500	PO114014.D	25 Sep 2025 09:00	YP/AJ	Ok,M
3	AR1242CCC500	PO114015.D	25 Sep 2025 09:19	YP/AJ	Not Ok
4	AR1248CCC500	PO114016.D	25 Sep 2025 09:37	YP/AJ	Ok,M
5	AR1254CCC500	PO114017.D	25 Sep 2025 09:56	YP/AJ	Ok
6	I.BLK	PO114018.D	25 Sep 2025 10:14	YP/AJ	Ok
7	Q3185-11	PO114019.D	25 Sep 2025 11:33	YP/AJ	Ok
8	Q3185-12	PO114020.D	25 Sep 2025 11:52	YP/AJ	Ok
9	Q3185-13	PO114021.D	25 Sep 2025 12:10	YP/AJ	Ok
10	Q3185-14	PO114022.D	25 Sep 2025 12:29	YP/AJ	Ok,M
11	Q3185-15	PO114023.D	25 Sep 2025 12:47	YP/AJ	Ok
12	Q3185-16	PO114024.D	25 Sep 2025 13:04	YP/AJ	Ok,M
13	Q3186-01	PO114025.D	25 Sep 2025 13:23	YP/AJ	Ok
14	Q3186-02	PO114026.D	25 Sep 2025 13:40	YP/AJ	Ok,M
15	Q3186-03	PO114027.D	25 Sep 2025 13:58	YP/AJ	Ok
16	Q3186-04	PO114028.D	25 Sep 2025 14:16	YP/AJ	Ok
17	AR1660CCC500	PO114029.D	25 Sep 2025 15:17	YP/AJ	Ok
18	AR1242CCC500	PO114030.D	25 Sep 2025 15:35	YP/AJ	Ok
19	AR1248CCC500	PO114031.D	25 Sep 2025 15:52	YP/AJ	Ok
20	AR1254CCC500	PO114032.D	25 Sep 2025 16:10	YP/AJ	Ok
21	I.BLK	PO114033.D	25 Sep 2025 16:27	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 # PO092525

Review By	yogesh	Review On	9/25/2025 10:16:48 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:31 AM		
SubDirectory	PO092525	HP Acquire Method		HP Processing Method	PO091925

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	PB169822BL	PO114034.D	25 Sep 2025 16:44	YP/AJ	Ok
23	Q3188-02	PO114035.D	25 Sep 2025 17:02	YP/AJ	Ok,M
24	Q3188-01	PO114036.D	25 Sep 2025 17:19	YP/AJ	Ok,M
25	Q3178-01	PO114037.D	25 Sep 2025 17:37	YP/AJ	Ok
26	Q3178-02MS	PO114038.D	25 Sep 2025 17:54	YP/AJ	Ok,M
27	Q3178-03MSD	PO114039.D	25 Sep 2025 18:11	YP/AJ	Ok,M
28	Q3176-01	PO114040.D	25 Sep 2025 18:29	YP/AJ	Ok
29	Q3176-02	PO114041.D	25 Sep 2025 18:46	YP/AJ	ReRun
30	Q3170-01	PO114042.D	25 Sep 2025 19:05	YP/AJ	Ok,M
31	AR1660CCC500	PO114043.D	25 Sep 2025 20:06	YP/AJ	Ok
32	AR1242CCC500	PO114044.D	25 Sep 2025 20:59	YP/AJ	Ok,M
33	AR1248CCC500	PO114045.D	25 Sep 2025 21:16	YP/AJ	Ok
34	AR1254CCC500	PO114046.D	25 Sep 2025 21:34	YP/AJ	Ok
35	I.BLK	PO114047.D	25 Sep 2025 21:52	YP/AJ	Ok
36	PB169822BS	PO114048.D	25 Sep 2025 22:10	YP/AJ	Not Ok
37	Q3176-03	PO114049.D	25 Sep 2025 22:27	YP/AJ	ReRun
38	Q3183-01	PO114050.D	25 Sep 2025 22:44	YP/AJ	Ok
39	Q3183-04	PO114051.D	25 Sep 2025 23:03	YP/AJ	Ok
40	Q3183-07	PO114052.D	25 Sep 2025 23:21	YP/AJ	Ok
41	AR1660CCC500	PO114053.D	26 Sep 2025 00:41	YP/AJ	Ok,M
42	AR1242CCC500	PO114054.D	26 Sep 2025 01:18	YP/AJ	Not Ok
43	AR1248CCC500	PO114055.D	26 Sep 2025 01:36	YP/AJ	Ok
44	AR1254CCC500	PO114056.D	26 Sep 2025 01:55	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 # PO092525

Review By	yogesh	Review On	9/25/2025 10:16:48 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:31 AM		
SubDirectory	PO092525	HP Acquire Method		HP Processing Method	PO091925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	I.BLK	PO114057.D	26 Sep 2025 02:13	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092325

Review By	yogesh	Review On	9/23/2025 12:35:13 PM		
Supervise By	mohammad	Supervise On	9/25/2025 2:25:37 AM		
SubDirectory	PP092325	HP Acquire Method		HP Processing Method	PP092325

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	PP075245.D	23 Sep 2025 08:13	YP\AJ	Ok
2	I.BLK	PP075246.D	23 Sep 2025 08:29	YP\AJ	Ok
3	AR1660ICC1000	PP075247.D	23 Sep 2025 08:45	YP\AJ	Ok
4	AR1660ICC750	PP075248.D	23 Sep 2025 09:01	YP\AJ	Ok
5	AR1660ICC500	PP075249.D	23 Sep 2025 09:18	YP\AJ	Ok
6	AR1660ICC250	PP075250.D	23 Sep 2025 09:34	YP\AJ	Ok,M
7	AR1660ICC050	PP075251.D	23 Sep 2025 10:11	YP\AJ	Ok,M
8	AR1221ICC500	PP075252.D	23 Sep 2025 10:27	YP\AJ	Ok
9	AR1232ICC500	PP075253.D	23 Sep 2025 10:43	YP\AJ	Ok
10	AR1242ICC1000	PP075254.D	23 Sep 2025 11:00	YP\AJ	Ok,M
11	AR1242ICC750	PP075255.D	23 Sep 2025 11:16	YP\AJ	Ok,M
12	AR1242ICC500	PP075256.D	23 Sep 2025 11:32	YP\AJ	Ok,M
13	AR1242ICC250	PP075257.D	23 Sep 2025 11:48	YP\AJ	Ok,M
14	AR1242ICC050	PP075258.D	23 Sep 2025 12:05	YP\AJ	Ok,M
15	AR1248ICC1000	PP075259.D	23 Sep 2025 12:37	YP\AJ	Ok,M
16	AR1248ICC750	PP075260.D	23 Sep 2025 12:53	YP\AJ	Ok,M
17	AR1248ICC500	PP075261.D	23 Sep 2025 13:10	YP\AJ	Ok,M
18	AR1248ICC250	PP075262.D	23 Sep 2025 13:26	YP\AJ	Ok,M
19	AR1248ICC050	PP075263.D	23 Sep 2025 13:42	YP\AJ	Ok,M
20	AR1254ICC1000	PP075264.D	23 Sep 2025 14:15	YP\AJ	Ok,M
21	AR1254ICC750	PP075265.D	23 Sep 2025 14:31	YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092325

Review By	yogesh	Review On	9/23/2025 12:35:13 PM		
Supervise By	mohammad	Supervise On	9/25/2025 2:25:37 AM		
SubDirectory	PP092325	HP Acquire Method		HP Processing Method	PP092325

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	PP075266.D	23 Sep 2025 14:47	YP\AJ	Ok,M
23	AR1254ICC250	PP075267.D	23 Sep 2025 15:04	YP\AJ	Ok,M
24	AR1254ICC050	PP075268.D	23 Sep 2025 15:20	YP\AJ	Ok,M
25	AR1262ICC500	PP075269.D	23 Sep 2025 15:52	YP\AJ	Ok
26	AR1268ICC1000	PP075270.D	23 Sep 2025 16:09	YP\AJ	Ok
27	AR1268ICC750	PP075271.D	23 Sep 2025 16:25	YP\AJ	Ok
28	AR1268ICC500	PP075272.D	23 Sep 2025 16:41	YP\AJ	Ok
29	AR1268ICC250	PP075273.D	23 Sep 2025 16:58	YP\AJ	Ok
30	AR1268ICC050	PP075274.D	23 Sep 2025 17:14	YP\AJ	Ok,M
31	PP092325ICV500	PP075275.D	23 Sep 2025 17:46	YP\AJ	Ok,M
32	AR1242ICV500	PP075276.D	23 Sep 2025 18:35	YP\AJ	Ok,M
33	AR1248ICV500	PP075277.D	23 Sep 2025 19:08	YP\AJ	Ok,M
34	AR1254ICV500	PP075278.D	23 Sep 2025 19:40	YP\AJ	Ok,M
35	AR1268ICV500	PP075279.D	23 Sep 2025 19:57	YP\AJ	Ok,M
36	DDT ANALOG	PP075280.D	23 Sep 2025 20:29	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092525

Review By	yogesh	Review On	9/25/2025 10:15:51 AM		
Supervise By	Sohil	Supervise On	9/26/2025 3:46:18 PM		
SubDirectory	PP092525	HP Acquire Method		HP Processing Method	PP092325

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	PP075310.D	25 Sep 2025 08:43	YP\AJ	Ok
2	AR1660CCC500	PP075311.D	25 Sep 2025 08:59	YP\AJ	Ok,M
3	AR1242CCC500	PP075312.D	25 Sep 2025 09:16	YP\AJ	Ok,M
4	AR1248CCC500	PP075313.D	25 Sep 2025 09:32	YP\AJ	Ok,M
5	AR1254CCC500	PP075314.D	25 Sep 2025 09:48	YP\AJ	Ok
6	I.BLK	PP075315.D	25 Sep 2025 10:05	YP\AJ	Ok,M
7	Q3185-01	PP075316.D	25 Sep 2025 11:31	YP\AJ	Ok
8	Q3185-02	PP075317.D	25 Sep 2025 11:47	YP\AJ	Ok,M
9	Q3185-03	PP075318.D	25 Sep 2025 12:03	YP\AJ	Ok,M
10	Q3185-04	PP075319.D	25 Sep 2025 12:20	YP\AJ	Ok,M
11	Q3185-05	PP075320.D	25 Sep 2025 12:36	YP\AJ	Ok,M
12	Q3185-06	PP075321.D	25 Sep 2025 12:52	YP\AJ	Ok
13	Q3185-07	PP075322.D	25 Sep 2025 13:08	YP\AJ	Ok
14	Q3185-08	PP075323.D	25 Sep 2025 13:25	YP\AJ	Ok
15	Q3185-09	PP075324.D	25 Sep 2025 13:41	YP\AJ	Ok
16	Q3185-10	PP075325.D	25 Sep 2025 13:57	YP\AJ	Ok
17	AR1660CCC500	PP075326.D	25 Sep 2025 14:57	YP\AJ	Ok
18	AR1242CCC500	PP075327.D	25 Sep 2025 15:13	YP\AJ	Ok,M
19	AR1248CCC500	PP075328.D	25 Sep 2025 15:30	YP\AJ	Ok,M
20	AR1254CCC500	PP075329.D	25 Sep 2025 15:46	YP\AJ	Ok,M
21	I.BLK	PP075330.D	25 Sep 2025 16:02	YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092525

Review By	yogesh	Review On	9/25/2025 10:15:51 AM		
Supervise By	Sohil	Supervise On	9/26/2025 3:46:18 PM		
SubDirectory	PP092525	HP Acquire Method		HP Processing Method	PP092325

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	Q3189-01	PP075331.D	25 Sep 2025 16:19	YP\AJ	Ok
23	Q3187-01	PP075332.D	25 Sep 2025 16:35	YP\AJ	Ok
24	Q3168-05	PP075333.D	25 Sep 2025 16:57	YP\AJ	Ok,M
25	Q3168-06	PP075334.D	25 Sep 2025 17:14	YP\AJ	Ok,M
26	Q3191-01	PP075335.D	25 Sep 2025 17:30	YP\AJ	Ok,M
27	PB169829BL	PP075336.D	25 Sep 2025 18:03	YP\AJ	Ok
28	PB169829BS	PP075337.D	25 Sep 2025 18:19	YP\AJ	Not Ok
29	PB169829BSD	PP075338.D	25 Sep 2025 18:35	YP\AJ	Not Ok
30	PB169825BL	PP075339.D	25 Sep 2025 18:51	YP\AJ	Ok
31	PB169825BS	PP075340.D	25 Sep 2025 19:08	YP\AJ	Not Ok
32	AR1660CCC500	PP075341.D	25 Sep 2025 20:13	YP\AJ	Ok
33	AR1242CCC500	PP075342.D	25 Sep 2025 20:29	YP\AJ	Ok,M
34	AR1248CCC500	PP075343.D	25 Sep 2025 20:46	YP\AJ	Ok,M
35	AR1254CCC500	PP075344.D	25 Sep 2025 21:02	YP\AJ	Ok,M
36	I.BLK	PP075345.D	25 Sep 2025 21:18	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092625

Review By	yogesh	Review On	9/26/2025 10:11:19 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:48 AM		
SubDirectory	PP092625	HP Acquire Method		HP Processing Method	PP092325

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	PP075346.D	26 Sep 2025 09:26	YP\AJ	Ok
2	AR1660CCC500	PP075347.D	26 Sep 2025 09:42	YP\AJ	Ok
3	I.BLK	PP075348.D	26 Sep 2025 10:02	YP\AJ	Ok
4	PB169825BS	PP075349.D	26 Sep 2025 10:35	YP\AJ	Ok,M
5	PB169829BS	PP075350.D	26 Sep 2025 10:52	YP\AJ	Ok,M
6	PB169829BSD	PP075351.D	26 Sep 2025 11:08	YP\AJ	Ok,M
7	AR1660CCC500	PP075352.D	26 Sep 2025 11:24	YP\AJ	Ok
8	AR1242CCC500	PP075353.D	26 Sep 2025 11:41	YP\AJ	Ok,M
9	AR1248CCC500	PP075354.D	26 Sep 2025 11:57	YP\AJ	Ok,M
10	AR1254CCC500	PP075355.D	26 Sep 2025 12:13	YP\AJ	Ok,M
11	I.BLK	PP075356.D	26 Sep 2025 12:30	YP\AJ	Ok
12	PB169856BL	PP075357.D	26 Sep 2025 12:52	YP\AJ	Ok,M
13	PB169856BS	PP075358.D	26 Sep 2025 13:08	YP\AJ	Ok,M
14	Q3209-01	PP075359.D	26 Sep 2025 13:24	YP\AJ	Ok
15	Q3209-01MS	PP075360.D	26 Sep 2025 13:40	YP\AJ	Ok,M
16	Q3209-01MSD	PP075361.D	26 Sep 2025 13:57	YP\AJ	Ok,M
17	Q3210-01	PP075362.D	26 Sep 2025 14:13	YP\AJ	Ok
18	Q3212-01	PP075363.D	26 Sep 2025 14:29	YP\AJ	Ok
19	Q3199-07	PP075364.D	26 Sep 2025 14:45	YP\AJ	Ok,M
20	Q3200-01	PP075365.D	26 Sep 2025 15:02	YP\AJ	Ok
21	Q3206-01	PP075366.D	26 Sep 2025 15:18	YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092625

Review By	yogesh	Review On	9/26/2025 10:11:19 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:48 AM		
SubDirectory	PP092625	HP Acquire Method		HP Processing Method	PP092325

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	AR1660CCC500	PP075367.D	26 Sep 2025 16:39	YP\AJ	Ok
23	AR1242CCC500	PP075368.D	26 Sep 2025 16:56	YP\AJ	Ok,M
24	AR1248CCC500	PP075369.D	26 Sep 2025 17:12	YP\AJ	Ok,M
25	AR1254CCC500	PP075370.D	26 Sep 2025 17:28	YP\AJ	Ok,M
26	I.BLK	PP075371.D	26 Sep 2025 17:45	YP\AJ	Ok
27	PB169860BL	PP075372.D	27 Sep 2025 00:17	YP\AJ	Ok,M
28	PB169860BS	PP075373.D	27 Sep 2025 00:33	YP\AJ	Ok,M
29	PB169860BSD	PP075374.D	27 Sep 2025 00:49	YP\AJ	Ok,M
30	Q3196-06	PP075375.D	27 Sep 2025 01:05	YP\AJ	Ok,M
31	Q3196-07	PP075376.D	27 Sep 2025 01:22	YP\AJ	Ok
32	Q3196-09	PP075377.D	27 Sep 2025 01:38	YP\AJ	Ok,M
33	Q3199-09	PP075378.D	27 Sep 2025 01:54	YP\AJ	Ok,M
34	Q3205-01	PP075379.D	27 Sep 2025 02:10	YP\AJ	Ok,M
35	Q3198-03	PP075380.D	27 Sep 2025 02:27	YP\AJ	Ok,M
36	Q3198-04	PP075381.D	27 Sep 2025 02:43	YP\AJ	Ok,M
37	AR1660CCC500	PP075382.D	27 Sep 2025 03:32	YP\AJ	Ok
38	I.BLK	PP075383.D	27 Sep 2025 04:21	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 # PO091525

Review By	yogesh	Review On	9/15/2025 12:11:18 PM		
Supervise By	mohammad	Supervise On	9/17/2025 2:07:54 AM		
SubDirectory	PO091525	HP Acquire Method		HP Processing Method	PO091525

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	PO113718.D	15 Sep 2025 08:58		YP/AJ	Ok
2	I.BLK	I.BLK	PO113719.D	15 Sep 2025 09:16		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO113720.D	15 Sep 2025 09:34		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO113721.D	15 Sep 2025 09:53		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO113722.D	15 Sep 2025 10:11		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO113723.D	15 Sep 2025 10:30		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO113724.D	15 Sep 2025 10:48		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO113725.D	15 Sep 2025 11:06		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO113726.D	15 Sep 2025 11:25		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO113727.D	15 Sep 2025 11:43		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO113728.D	15 Sep 2025 12:02		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO113729.D	15 Sep 2025 12:20		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO113730.D	15 Sep 2025 12:38		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO113731.D	15 Sep 2025 13:34		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO113732.D	15 Sep 2025 13:54		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO113733.D	15 Sep 2025 14:13		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO113734.D	15 Sep 2025 14:31		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO113735.D	15 Sep 2025 14:49		YP/AJ	Ok,M

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO091525

Review By	yogesh	Review On	9/15/2025 12:11:18 PM		
Supervise By	mohammad	Supervise On	9/17/2025 2:07:54 AM		
SubDirectory	PO091525	HP Acquire Method		HP Processing Method	PO091525

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	PO113736.D	15 Sep 2025 15:26		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO113737.D	15 Sep 2025 15:45		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO113738.D	15 Sep 2025 16:02		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO113739.D	15 Sep 2025 16:20		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO113740.D	15 Sep 2025 16:38		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO113741.D	15 Sep 2025 17:14		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO113742.D	15 Sep 2025 17:33		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO113743.D	15 Sep 2025 17:51		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO113744.D	15 Sep 2025 18:10		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO113745.D	15 Sep 2025 18:27		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO113746.D	15 Sep 2025 18:45		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO113747.D	15 Sep 2025 19:21		YP/AJ	Ok,M
31	PO091525ICV500	ICVPO091525	PO113748.D	15 Sep 2025 19:40		YP/AJ	Ok,M
32	AR1242ICV500	ICVPO091525AR1242	PO113749.D	15 Sep 2025 20:16		YP/AJ	Ok
33	AR1248ICV500	ICVPO091525AR1248	PO113750.D	15 Sep 2025 21:11		YP/AJ	Ok
34	AR1254ICV500	ICVPO091525AR1254	PO113751.D	15 Sep 2025 22:05		YP/AJ	Ok
35	AR1268ICV500	ICVPO091525AR1268	PO113752.D	15 Sep 2025 23:00		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO113753.D	15 Sep 2025 23:37		YP/AJ	Ok,M

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 # PO092525

Review By	yogesh	Review On	9/25/2025 10:16:48 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:31 AM		
SubDirectory	PO092525	HP Acquire Method		HP Processing Method	PO091925

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	PO114013.D	25 Sep 2025 08:42		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO114014.D	25 Sep 2025 09:00	AR1260-4,5 high in 2nd column	YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO114015.D	25 Sep 2025 09:19	CCC fail on higher side	YP/AJ	Not Ok
4	AR1248CCC500	AR1248CCC500	PO114016.D	25 Sep 2025 09:37	AR1248(5)- High in 1st collumn	YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO114017.D	25 Sep 2025 09:56		YP/AJ	Ok
6	I.BLK	I.BLK	PO114018.D	25 Sep 2025 10:14		YP/AJ	Ok
7	Q3185-11	4125-E	PO114019.D	25 Sep 2025 11:33		YP/AJ	Ok
8	Q3185-12	4126-A	PO114020.D	25 Sep 2025 11:52		YP/AJ	Ok
9	Q3185-13	4126-B	PO114021.D	25 Sep 2025 12:10		YP/AJ	Ok
10	Q3185-14	4126-C	PO114022.D	25 Sep 2025 12:29		YP/AJ	Ok,M
11	Q3185-15	4126-D	PO114023.D	25 Sep 2025 12:47		YP/AJ	Ok
12	Q3185-16	4126-E	PO114024.D	25 Sep 2025 13:04		YP/AJ	Ok,M
13	Q3186-01	Y2404-0043-1-1	PO114025.D	25 Sep 2025 13:23		YP/AJ	Ok
14	Q3186-02	Y2404-0043-1-2	PO114026.D	25 Sep 2025 13:40		YP/AJ	Ok,M
15	Q3186-03	KMA695Y-1-1	PO114027.D	25 Sep 2025 13:58		YP/AJ	Ok
16	Q3186-04	KMA695Y-1-2	PO114028.D	25 Sep 2025 14:16		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO114029.D	25 Sep 2025 15:17		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO114030.D	25 Sep 2025 15:35		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 # PO092525

Review By	yogesh	Review On	9/25/2025 10:16:48 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:31 AM		
SubDirectory	PO092525	HP Acquire Method		HP Processing Method	PO091925

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	PO114031.D	25 Sep 2025 15:52		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO114032.D	25 Sep 2025 16:10		YP/AJ	Ok
21	I.BLK	I.BLK	PO114033.D	25 Sep 2025 16:27		YP/AJ	Ok
22	PB169822BL	PB169822BL	PO114034.D	25 Sep 2025 16:44		YP/AJ	Ok
23	Q3188-02	RB22120	PO114035.D	25 Sep 2025 17:02		YP/AJ	Ok,M
24	Q3188-01	4135	PO114036.D	25 Sep 2025 17:19		YP/AJ	Ok,M
25	Q3178-01	EME-TS14-01	PO114037.D	25 Sep 2025 17:37		YP/AJ	Ok
26	Q3178-02MS	EME-TS14-01MS	PO114038.D	25 Sep 2025 17:54		YP/AJ	Ok,M
27	Q3178-03MSD	EME-TS14-01MSD	PO114039.D	25 Sep 2025 18:11		YP/AJ	Ok,M
28	Q3176-01	EME-TS12-01	PO114040.D	25 Sep 2025 18:29		YP/AJ	Ok
29	Q3176-02	EME-TS13-01	PO114041.D	25 Sep 2025 18:46	DCB Low in both column	YP/AJ	ReRun
30	Q3170-01	MOD-25-0271	PO114042.D	25 Sep 2025 19:05		YP/AJ	Ok,M
31	AR1660CCC500	AR1660CCC500	PO114043.D	25 Sep 2025 20:06		YP/AJ	Ok
32	AR1242CCC500	AR1242CCC500	PO114044.D	25 Sep 2025 20:59		YP/AJ	Ok,M
33	AR1248CCC500	AR1248CCC500	PO114045.D	25 Sep 2025 21:16		YP/AJ	Ok
34	AR1254CCC500	AR1254CCC500	PO114046.D	25 Sep 2025 21:34		YP/AJ	Ok
35	I.BLK	I.BLK	PO114047.D	25 Sep 2025 21:52		YP/AJ	Ok
36	PB169822BS	PB169822BS	PO114048.D	25 Sep 2025 22:10	AR1016 recovery fail	YP/AJ	Not Ok
37	Q3176-03	EME-TS14-02	PO114049.D	25 Sep 2025 22:27	DCB Low in both column	YP/AJ	ReRun

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 # PO092525

Review By	yogesh	Review On	9/25/2025 10:16:48 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:31 AM		
SubDirectory	PO092525	HP Acquire Method		HP Processing Method	PO091925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q3183-01	WC-1	PO114050.D	25 Sep 2025 22:44		YP/AJ	Ok
39	Q3183-04	WC-4	PO114051.D	25 Sep 2025 23:03		YP/AJ	Ok
40	Q3183-07	WC-3	PO114052.D	25 Sep 2025 23:21		YP/AJ	Ok
41	AR1660CCC500	AR1660CCC500	PO114053.D	26 Sep 2025 00:41	AR1260(5) high in 1st column	YP/AJ	Ok,M
42	AR1242CCC500	AR1242CCC500	PO114054.D	26 Sep 2025 01:18	CCC fail on higher side	YP/AJ	Not Ok
43	AR1248CCC500	AR1248CCC500	PO114055.D	26 Sep 2025 01:36		YP/AJ	Ok
44	AR1254CCC500	AR1254CCC500	PO114056.D	26 Sep 2025 01:55		YP/AJ	Ok
45	I.BLK	I.BLK	PO114057.D	26 Sep 2025 02:13		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092325

Review By	yogesh	Review On	9/23/2025 12:35:13 PM		
Supervise By	mohammad	Supervise On	9/25/2025 2:25:37 AM		
SubDirectory	PP092325	HP Acquire Method		HP Processing Method	PP092325

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	PP075245.D	23 Sep 2025 08:13		YP\AJ	Ok
2	I.BLK	I.BLK	PP075246.D	23 Sep 2025 08:29		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP075247.D	23 Sep 2025 08:45		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP075248.D	23 Sep 2025 09:01		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP075249.D	23 Sep 2025 09:18		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP075250.D	23 Sep 2025 09:34		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP075251.D	23 Sep 2025 10:11		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP075252.D	23 Sep 2025 10:27		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP075253.D	23 Sep 2025 10:43		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP075254.D	23 Sep 2025 11:00		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP075255.D	23 Sep 2025 11:16		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP075256.D	23 Sep 2025 11:32		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP075257.D	23 Sep 2025 11:48		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP075258.D	23 Sep 2025 12:05		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP075259.D	23 Sep 2025 12:37		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP075260.D	23 Sep 2025 12:53		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP075261.D	23 Sep 2025 13:10		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP075262.D	23 Sep 2025 13:26		YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092325

Review By	yogesh	Review On	9/23/2025 12:35:13 PM		
Supervise By	mohammad	Supervise On	9/25/2025 2:25:37 AM		
SubDirectory	PP092325	HP Acquire Method		HP Processing Method	PP092325

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	PP075263.D	23 Sep 2025 13:42		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP075264.D	23 Sep 2025 14:15		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP075265.D	23 Sep 2025 14:31		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP075266.D	23 Sep 2025 14:47		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP075267.D	23 Sep 2025 15:04		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP075268.D	23 Sep 2025 15:20		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP075269.D	23 Sep 2025 15:52		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP075270.D	23 Sep 2025 16:09		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP075271.D	23 Sep 2025 16:25		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP075272.D	23 Sep 2025 16:41		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP075273.D	23 Sep 2025 16:58		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP075274.D	23 Sep 2025 17:14		YP\AJ	Ok,M
31	PP092325ICV500	ICVPP092325	PP075275.D	23 Sep 2025 17:46		YP\AJ	Ok,M
32	AR1242ICV500	ICVPP092325AR1242	PP075276.D	23 Sep 2025 18:35		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP092325AR1248	PP075277.D	23 Sep 2025 19:08		YP\AJ	Ok,M
34	AR1254ICV500	ICVPP092325AR1254	PP075278.D	23 Sep 2025 19:40		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP092325AR1268	PP075279.D	23 Sep 2025 19:57		YP\AJ	Ok,M
36	DDT ANALOG	DDT ANALOG	PP075280.D	23 Sep 2025 20:29		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092525

Review By	yogesh	Review On	9/25/2025 10:15:51 AM		
Supervise By	Sohil	Supervise On	9/26/2025 3:46:18 PM		
SubDirectory	PP092525	HP Acquire Method		HP Processing Method	PP092325

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	PP075310.D	25 Sep 2025 08:43		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP075311.D	25 Sep 2025 08:59		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP075312.D	25 Sep 2025 09:16		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP075313.D	25 Sep 2025 09:32		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP075314.D	25 Sep 2025 09:48		YP\AJ	Ok
6	I.BLK	I.BLK	PP075315.D	25 Sep 2025 10:05		YP\AJ	Ok,M
7	Q3185-01	Y2404-0048-1-1	PP075316.D	25 Sep 2025 11:31		YP\AJ	Ok
8	Q3185-02	Y2404-0048-1-2	PP075317.D	25 Sep 2025 11:47		YP\AJ	Ok,M
9	Q3185-03	KMH392P-1-1	PP075318.D	25 Sep 2025 12:03		YP\AJ	Ok,M
10	Q3185-04	KMH392P-1-2	PP075319.D	25 Sep 2025 12:20		YP\AJ	Ok,M
11	Q3185-05	EFB430R-1-1	PP075320.D	25 Sep 2025 12:36		YP\AJ	Ok,M
12	Q3185-06	EFB430R-1-2	PP075321.D	25 Sep 2025 12:52		YP\AJ	Ok
13	Q3185-07	4125-A	PP075322.D	25 Sep 2025 13:08		YP\AJ	Ok
14	Q3185-08	4125-B	PP075323.D	25 Sep 2025 13:25		YP\AJ	Ok
15	Q3185-09	4125-C	PP075324.D	25 Sep 2025 13:41		YP\AJ	Ok
16	Q3185-10	4125-D	PP075325.D	25 Sep 2025 13:57		YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP075326.D	25 Sep 2025 14:57		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP075327.D	25 Sep 2025 15:13		YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092525

Review By	yogesh	Review On	9/25/2025 10:15:51 AM		
Supervise By	Sohil	Supervise On	9/26/2025 3:46:18 PM		
SubDirectory	PP092525	HP Acquire Method		HP Processing Method	PP092325

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	PP075328.D	25 Sep 2025 15:30		YP\AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP075329.D	25 Sep 2025 15:46		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP075330.D	25 Sep 2025 16:02		YP\AJ	Ok
22	Q3189-01	72-11989	PP075331.D	25 Sep 2025 16:19		YP\AJ	Ok
23	Q3187-01	228	PP075332.D	25 Sep 2025 16:35		YP\AJ	Ok
24	Q3168-05	TOTES COMP#1	PP075333.D	25 Sep 2025 16:57		YP\AJ	Ok,M
25	Q3168-06	TOTES COMP#2	PP075334.D	25 Sep 2025 17:14		YP\AJ	Ok,M
26	Q3191-01	459	PP075335.D	25 Sep 2025 17:30		YP\AJ	Ok,M
27	PB169829BL	PB169829BL	PP075336.D	25 Sep 2025 18:03		YP\AJ	Ok
28	PB169829BS	PB169829BS	PP075337.D	25 Sep 2025 18:19	RECOVERY FAIL.	YP\AJ	Not Ok
29	PB169829BSD	PB169829BSD	PP075338.D	25 Sep 2025 18:35	RECOVERY FAIL.	YP\AJ	Not Ok
30	PB169825BL	PB169825BL	PP075339.D	25 Sep 2025 18:51		YP\AJ	Ok
31	PB169825BS	PB169825BS	PP075340.D	25 Sep 2025 19:08	RECOVERY FAIL.	YP\AJ	Not Ok
32	AR1660CCC500	AR1660CCC500	PP075341.D	25 Sep 2025 20:13		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP075342.D	25 Sep 2025 20:29		YP\AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP075343.D	25 Sep 2025 20:46		YP\AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP075344.D	25 Sep 2025 21:02		YP\AJ	Ok,M
36	I.BLK	I.BLK	PP075345.D	25 Sep 2025 21:18		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092625

Review By	yogesh	Review On	9/26/2025 10:11:19 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:48 AM		
SubDirectory	PP092625	HP Acquire Method		HP Processing Method	PP092325

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	PP075346.D	26 Sep 2025 09:26		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP075347.D	26 Sep 2025 09:42		YP\AJ	Ok
3	I.BLK	I.BLK	PP075348.D	26 Sep 2025 10:02		YP\AJ	Ok
4	PB169825BS	PB169825BS	PP075349.D	26 Sep 2025 10:35		YP\AJ	Ok,M
5	PB169829BS	PB169829BS	PP075350.D	26 Sep 2025 10:52		YP\AJ	Ok,M
6	PB169829BSD	PB169829BSD	PP075351.D	26 Sep 2025 11:08		YP\AJ	Ok,M
7	AR1660CCC500	AR1660CCC500	PP075352.D	26 Sep 2025 11:24		YP\AJ	Ok
8	AR1242CCC500	AR1242CCC500	PP075353.D	26 Sep 2025 11:41		YP\AJ	Ok,M
9	AR1248CCC500	AR1248CCC500	PP075354.D	26 Sep 2025 11:57		YP\AJ	Ok,M
10	AR1254CCC500	AR1254CCC500	PP075355.D	26 Sep 2025 12:13		YP\AJ	Ok,M
11	I.BLK	I.BLK	PP075356.D	26 Sep 2025 12:30		YP\AJ	Ok
12	PB169856BL	PB169856BL	PP075357.D	26 Sep 2025 12:52		YP\AJ	Ok,M
13	PB169856BS	PB169856BS	PP075358.D	26 Sep 2025 13:08		YP\AJ	Ok,M
14	Q3209-01	PL-02-092525	PP075359.D	26 Sep 2025 13:24		YP\AJ	Ok
15	Q3209-01MS	PL-02-092525MS	PP075360.D	26 Sep 2025 13:40		YP\AJ	Ok,M
16	Q3209-01MSD	PL-02-092525MSD	PP075361.D	26 Sep 2025 13:57		YP\AJ	Ok,M
17	Q3210-01	SG-1	PP075362.D	26 Sep 2025 14:13		YP\AJ	Ok
18	Q3212-01	EO-03-092525	PP075363.D	26 Sep 2025 14:29		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092625

Review By	yogesh	Review On	9/26/2025 10:11:19 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:48 AM		
SubDirectory	PP092625	HP Acquire Method		HP Processing Method	PP092325

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	Q3199-07	ELZ-25-00097	PP075364.D	26 Sep 2025 14:45		YP\AJ	Ok,M
20	Q3200-01	ETGI-367	PP075365.D	26 Sep 2025 15:02		YP\AJ	Ok
21	Q3206-01	TR-06-092525	PP075366.D	26 Sep 2025 15:18		YP\AJ	Ok,M
22	AR1660CCC500	AR1660CCC500	PP075367.D	26 Sep 2025 16:39	AR1260-4 low in 2nd column	YP\AJ	Ok
23	AR1242CCC500	AR1242CCC500	PP075368.D	26 Sep 2025 16:56		YP\AJ	Ok,M
24	AR1248CCC500	AR1248CCC500	PP075369.D	26 Sep 2025 17:12		YP\AJ	Ok,M
25	AR1254CCC500	AR1254CCC500	PP075370.D	26 Sep 2025 17:28		YP\AJ	Ok,M
26	I.BLK	I.BLK	PP075371.D	26 Sep 2025 17:45		YP\AJ	Ok
27	PB169860BL	PB169860BL	PP075372.D	27 Sep 2025 00:17		YP\AJ	Ok,M
28	PB169860BS	PB169860BS	PP075373.D	27 Sep 2025 00:33		YP\AJ	Ok,M
29	PB169860BSD	PB169860BSD	PP075374.D	27 Sep 2025 00:49		YP\AJ	Ok,M
30	Q3196-06	TOTE-FMC-9-24-25-1	PP075375.D	27 Sep 2025 01:05	TCMX high in 2nd column	YP\AJ	Ok,M
31	Q3196-07	TOTE-FMC-9-24-25-2	PP075376.D	27 Sep 2025 01:22	TCMX high in 2nd column	YP\AJ	Ok
32	Q3196-09	FMC-9-24-25-DRUM-1	PP075377.D	27 Sep 2025 01:38	DCB Low in 2nd column	YP\AJ	Ok,M
33	Q3199-09	ELZ-25-000107	PP075378.D	27 Sep 2025 01:54		YP\AJ	Ok,M
34	Q3205-01	TRE-25-0106	PP075379.D	27 Sep 2025 02:10		YP\AJ	Ok,M
35	Q3198-03	Y2308-0066-END-1-1	PP075380.D	27 Sep 2025 02:27		YP\AJ	Ok,M
36	Q3198-04	Y2308-0066-END-1-2	PP075381.D	27 Sep 2025 02:43		YP\AJ	Ok,M
37	AR1660CCC500	AR1660CCC500	PP075382.D	27 Sep 2025 03:32		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP092625

Review By	yogesh	Review On	9/26/2025 10:11:19 AM		
Supervise By	mohammad	Supervise On	9/30/2025 1:27:48 AM		
SubDirectory	PP092625	HP Acquire Method		HP Processing Method	PP092325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	I.BLK	I.BLK	PP075383.D	27 Sep 2025 04:21		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/25/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 09/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137296

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
Q3170-01	MOD-25-0271	1	1.00	1.00	2.00	2.00	100.0	oil sample
Q3170-02	MOD-25-0271	2	1.00	1.00	2.00	2.00	100.0	oil sample
Q3176-01	EME-TS12-01	3	1.15	10.61	11.76	8.16	66.1	
Q3176-02	EME-TS13-01	4	1.18	10.37	11.55	8.27	68.4	
Q3176-03	EME-TS14-02	5	1.13	10.35	11.48	8.37	70.0	
Q3178-01	EME-TS14-01	6	1.13	10.74	11.87	8.8	71.4	
Q3178-02	EME-TS14-01MS	7	1.13	10.74	11.87	8.8	71.4	
Q3178-03	EME-TS14-01MSD	8	1.13	10.74	11.87	8.8	71.4	
Q3183-01	WC-1	9	1.18	10.41	11.59	10.09	85.6	
Q3183-02	WC-1-EPH	10	1.19	10.43	11.62	10.19	86.3	
Q3183-03	WC-1-VOC	11	1.13	10.60	11.73	10.55	88.9	
Q3183-04	WC-4	12	1.19	10.56	11.75	10.6	89.1	
Q3183-05	WC-4-EPH	13	1.19	10.49	11.68	9.77	81.8	
Q3183-06	WC-4-VOC	14	1.18	10.63	11.81	10.42	86.9	
Q3183-07	WC-3	15	1.13	10.42	11.55	9.8	83.2	
Q3183-08	WC-3-EPH	16	1.13	10.49	11.62	9.79	82.6	
Q3183-09	WC-3-VOC	17	1.19	10.55	11.74	10.96	92.6	
Q3185-01	Y2404-0048-1-1	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-02	Y2404-0048-1-2	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-03	KMH392P-1-1	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-04	KMH392P-1-2	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-05	EFB430R-1-1	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-06	EFB430R-1-2	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-07	4125-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-08	4125-B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-09	4125-C	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-10	4125-D	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-11	4125-E	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/25/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 09/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137296

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
Q3185-12	4126-A	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-13	4126-B	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-14	4126-C	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-15	4126-D	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-16	4126-E	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-01	Y2404-0043-1-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-02	Y2404-0043-1-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-03	KMA695Y-1-1	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-04	KMA695Y-1-2	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3187-01	228	38	1.19	10.67	11.86	10.96	91.6	
Q3187-02	228-E2	39	1.14	10.49	11.63	10.32	87.5	
Q3188-01	4135	40	1.00	1.00	2.00	2.00	100.0	debris
Q3188-02	RB22120	41	1.18	10.32	11.5	10.88	94.0	
Q3188-03	RB22120	42	1.16	10.60	11.76	10.92	92.1	
Q3189-01	72-11989	43	1.15	10.84	11.99	11.33	93.9	
Q3189-02	72-11989-E2	44	1.11	10.67	11.78	11.44	96.8	
Q3191-01	459	45	1.00	1.00	2.00	2.00	100.0	oil sample
Q3192-01	RB104	46	1.15	10.91	12.06	11.49	94.8	
Q3192-02	RB105	47	1.13	10.80	11.93	11.26	93.8	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 137296

WorkList Name : %1-092425 **WorkList ID :** 192050 **Department :** Wet-Chemistry **Date :** 09-24-2025 13:11:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3170-01	MOD-25-0271	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/23/2025	Chemtech -SO
Q3170-02	MOD-25-0271	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/23/2025	Chemtech -SO
Q3176-01	EME-TS12-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	J43	09/23/2025	Chemtech -SO
Q3176-02	EME-TS13-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	J43	09/23/2025	Chemtech -SO
Q3176-03	EME-TS14-02	Solid	Percent Solids	Cool 4 deg C	ROYF02	J43	09/23/2025	Chemtech -SO
Q3178-01	EME-TS14-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	J33	09/23/2025	Chemtech -SO
Q3178-02	EME-TS14-01MS	Solid	Percent Solids	Cool 4 deg C	ROYF02	J33	09/23/2025	Chemtech -SO
Q3178-03	EME-TS14-01MSD	Solid	Percent Solids	Cool 4 deg C	ROYF02	J33	09/23/2025	Chemtech -SO
Q3183-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-04	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-05	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-06	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-07	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-08	WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-09	WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3185-01	Y2404-0048-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-02	Y2404-0048-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-03	KMH392P-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-04	KMH392P-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO

Date/Time 09/24/25 15:25

Raw Sample Received by: BP CW C

Raw Sample Relinquished by: CR

Date/Time 09/24/25 17:35

Raw Sample Received by: CR

Raw Sample Relinquished by: BP CW C

WORKLIST(Hardcopy Internal Chain)

VB137296

WorkList Name : %1-092425 **WorkList ID :** 192050 **Department :** Wet-Chemistry **Date :** 09-24-2025 13:11:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3185-05	EFB430R-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-06	EFB430R-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-07	4125-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-08	4125-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-09	4125-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-10	4125-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-11	4125-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-12	4126-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-13	4126-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-14	4126-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-15	4126-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-16	4126-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3186-01	Y2404-0043-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3186-02	Y2404-0043-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3186-03	KMA695Y-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3186-04	KMA695Y-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3187-01	228	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3187-02	228-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/24/2025	Chemtech -SO
Q3188-01	4135	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/24/2025	Chemtech -SO
Q3188-02	RB22120	Solid	Percent Solids	Cool 4 deg C	PSEG03	J12	09/24/2025	Chemtech -SO
Q3188-03	RB22120	Solid	Percent Solids	Cool 4 deg C	PSEG03	J12	09/24/2025	Chemtech -SO

Date/Time 09/24/25 1525

Raw Sample Received by: TP CW CJ

Raw Sample Relinquished by: CP

Date/Time 09/24/25 1735

Raw Sample Received by: CP

Raw Sample Relinquished by: Pace

WORKLIST(Hardcopy Internal Chain)

137296

WorkList Name : %1-092425 **WorkList ID :** 192050 **Department :** Wet-Chemistry **Date :** 09-24-2025 13:11:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3189-01	72-11989	Solid	Percent Solids	Cool 4 deg C	PSEG03		09/24/2025	Chemtech -SO
Q3189-02	72-11989-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I63	09/24/2025	Chemtech -SO
Q3191-01	459	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/25/2025	Chemtech -SO
Q3192-01	RB104	Solid	Percent Solids	Cool 4 deg C	GENV01	J13	09/24/2025	Chemtech -SO
Q3192-02	RB105	Solid	Percent Solids	Cool 4 deg C	GENV01	J13	09/24/2025	Chemtech -SO

Date/Time 09/24/25 15:25

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 09/24/25 17:35

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169825

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	09/25/2025
Matrix :	Solid			**Extraction Start Time :**	08:50
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	09/25/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	12:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	ritesh

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	EP2639
Hexane	N/A	E3971
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. Q3170-01,3191-01,Q3188-01 used Limited volume as sample is Oil & Oily Debris.

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
9/25/25	RJ LEAK-1006)	R. Patel/PCB Lab
12:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169825

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 09/25/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169825BL	ABLK825	PCB	30.01	N/A	ritesh	Evelyn	10			U3-1
PB169825BS	ALCS825	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q3170-01	MOD-25-0271	PCB	1.05	N/A	ritesh	Evelyn	10	B	Oil	
Q3176-01	EME-TS12-01	PCB	30.06	N/A	ritesh	Evelyn	10	F		3
Q3176-02	EME-TS13-01	PCB	30.08	N/A	ritesh	Evelyn	10	F		4
Q3176-03	EME-TS14-02	PCB	30.04	N/A	ritesh	Evelyn	10	F		5
Q3178-01	EME-TS14-01	PCB	30.02	N/A	ritesh	Evelyn	10	F		6
Q3178-02	EME-TS14-01MS	PCB	30.05	N/A	ritesh	Evelyn	10	F		U4-1
Q3178-03	EME-TS14-01MSD	PCB	30.07	N/A	ritesh	Evelyn	10	F		2
Q3183-01	WC-1	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
Q3183-04	WC-4	PCB	30.06	N/A	ritesh	Evelyn	10	E		4
Q3183-07	WC-3	PCB	30.05	N/A	ritesh	Evelyn	10	E		5
Q3187-01	228	PCB	30.03	N/A	ritesh	Evelyn	10	E	Small Particles + Soil	6
Q3188-01	4135	PCB	5.02	N/A	ritesh	Evelyn	10	E	Oily Debris	U6-1
Q3188-02	RB22120	PCB	30.08	N/A	ritesh	Evelyn	10	E		2
Q3189-01	72-11989	PCB	30.02	N/A	ritesh	Evelyn	10	E		3
Q3191-01	459	PCB	1.08	N/A	ritesh	Evelyn	10	B	Oil	

RJ
9/25

* **Extracts relinquished on the same date as received.**

164825
8:50

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3183 **WorkList ID :** 192067 **Department :** Extraction **Date :** 09-25-2025 08:24:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3170-01	MOD-25-0271	Solid	PCB	Cool 4 deg C	PSEG03	J11	09/23/2025	8082A
Q3176-01	EME-TS12-01	Solid	PCB	Cool 4 deg C	ROYF02	J43	09/23/2025	8082A
Q3176-02	EME-TS13-01	Solid	PCB	Cool 4 deg C	ROYF02	J43	09/23/2025	8082A
Q3176-03	EME-TS14-02	Solid	PCB	Cool 4 deg C	ROYF02	J43	09/23/2025	8082A
Q3178-01	EME-TS14-01	Solid	PCB	Cool 4 deg C	ROYF02	J33	09/23/2025	8082A
Q3178-02	EME-TS14-01MS	Solid	PCB	Cool 4 deg C	ROYF02	J33	09/23/2025	8082A
Q3178-03	EME-TS14-01MSD	Solid	PCB	Cool 4 deg C	ROYF02	J33	09/23/2025	8082A
Q3183-01	WC-1	Solid	PCB	Cool 4 deg C	PSEG03	J32	09/24/2025	8082A
Q3183-04	WC-4	Solid	PCB	Cool 4 deg C	PSEG03	J32	09/24/2025	8082A
Q3183-07	WC-3	Solid	PCB	Cool 4 deg C	PSEG03	J32	09/24/2025	8082A
Q3187-01	228	Solid	PCB	Cool 4 deg C	PSEG03	J11	09/24/2025	8082A
Q3188-01	4135	Solid	PCB	Cool 4 deg C	PSEG03	J12	09/24/2025	8082A
Q3188-02	RB22120	Solid	PCB	Cool 4 deg C	PSEG03	J12	09/24/2025	8082A
Q3189-01	72-11989	Solid	PCB	Cool 4 deg C	PSEG03		09/24/2025	8082A
Q3191-01	459	Solid	PCB	Cool 4 deg C	PSEG03	J41	09/25/2025	8082A

Date/Time 9/25/25 8:45
Raw Sample Received by: RJ LEKL-(ACHE)
Raw Sample Relinquished by: CA S

Date/Time 9/25/25 9:05
Raw Sample Received by: CA S
Raw Sample Relinquished by: RJ LEKL-(ACHE)

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

Prep Standard - Chemical Standard Summary

Order ID : Q3178

Test : PCB

Prepbatch ID : PB169825,

Sequence ID/Qc Batch ID: po092525,pp092525,pp092625,

Standard ID :
EP2610,EP2639,EP2643,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,M6157,P11522,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
3923	Baked Sodium Sulfate	EP2639	09/12/2025	01/28/2026	Riteshkumar Patel	Extraction_SCALE_2 (EX-SC-2)	None	Evelyn Huang 09/12/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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
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

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	09/18/2025	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	09/18/2025	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	09/18/2025	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	09/18/2025	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-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

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

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	x9166 / Aroclor 1262 100 ug/mL	060523	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12703

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	02/18/2026	08/18/2025 / yogesh	12/20/2023 / Yogesh	P12952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	03/18/2026	09/18/2025 / Abdul	12/20/2023 / Yogesh	P12953

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

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	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0207511	02/18/2026	08/18/2025 / yogesh	05/03/2024 / Abdul	P13375

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13590

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13592

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	A0214733	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13695

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0210629	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	A0210232	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13706

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	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

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

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	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

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Recieved on 7/30/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3962

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

Acetone.
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recieved on 8/6/25

E 3963

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials,LLC
100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3971

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3972

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1254		1,000.7 µg/mL	+/- 5.9437	µg/mL	Gravimetric
	CAS # 11097-69-1	(Lot 124-191-B)		+/- 31.7284	µg/mL	Unstressed
	Purity ----%			+/- 41.4406	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | 5

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

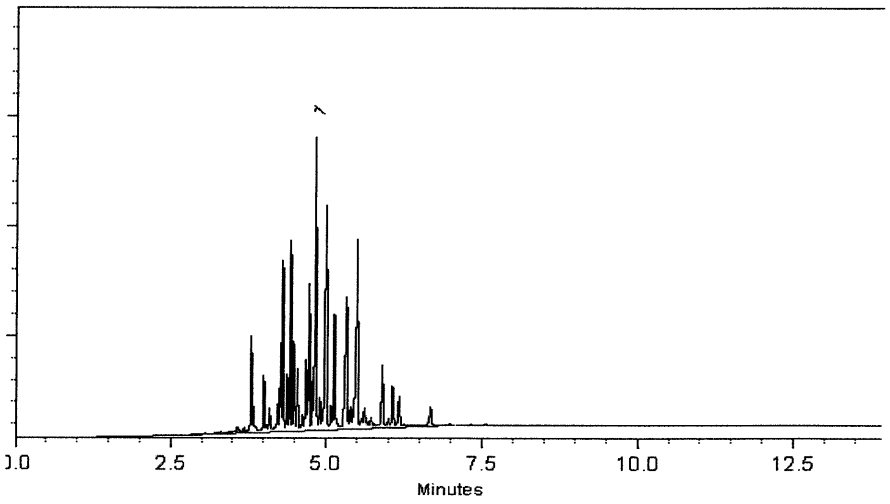
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refe

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Acet

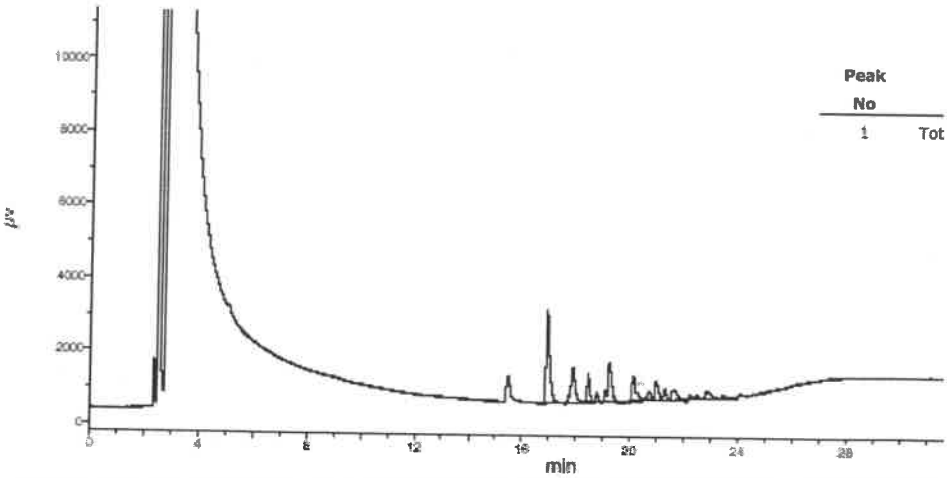
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

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 Measur 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

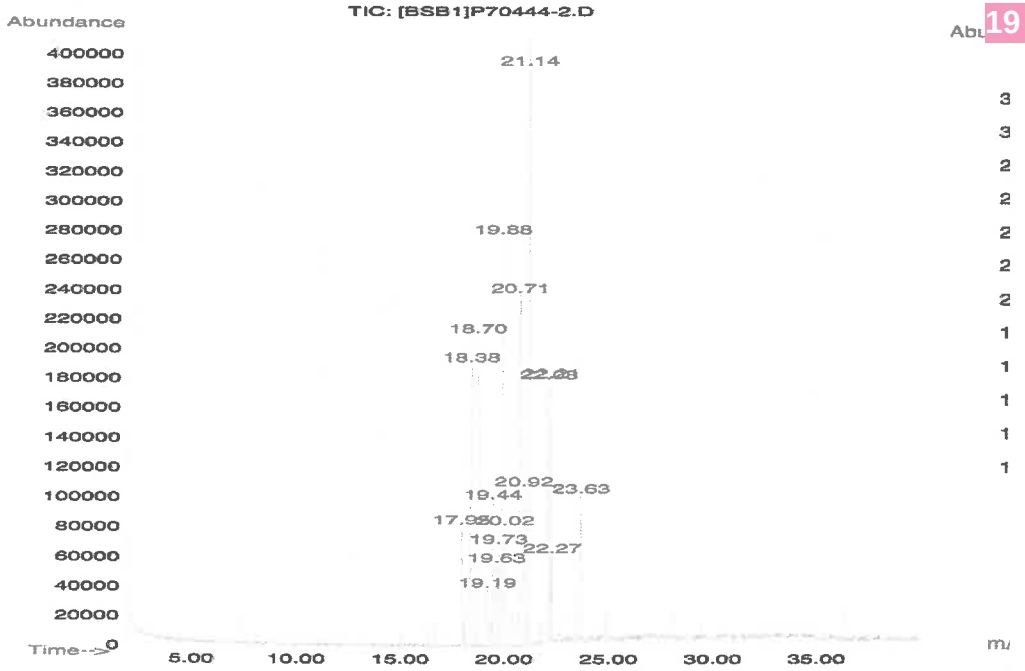
Certified Refere

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

Q3178-PCB

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

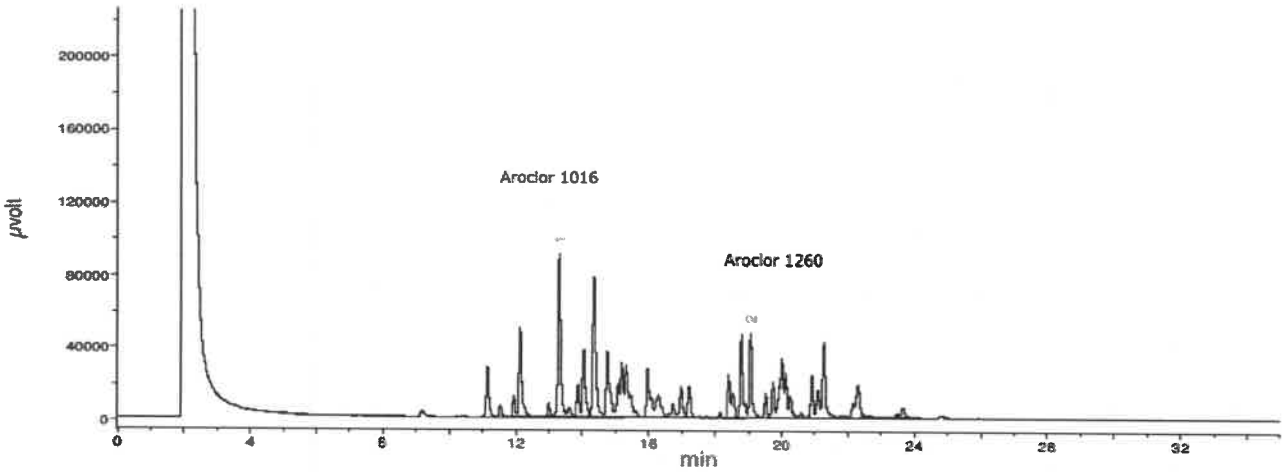
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

P12946 → P12955 Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



707 of 744

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Q3178-PCB

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

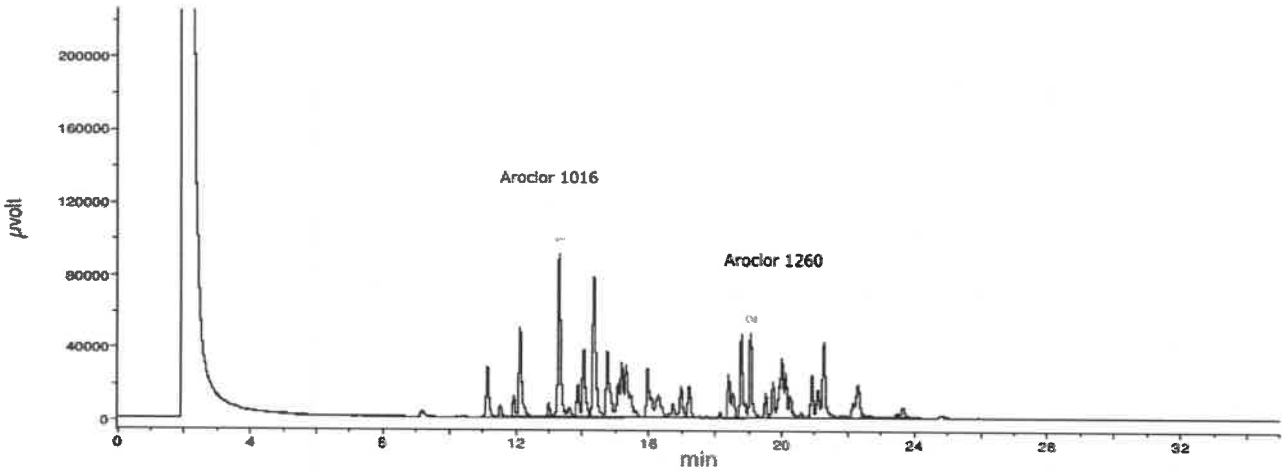
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



708 of 744

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y.P. 12/20/23

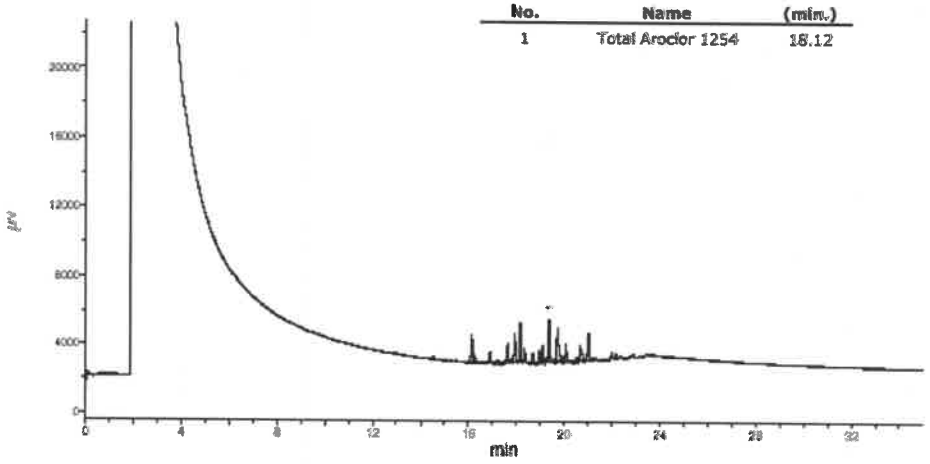
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 (10) → P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

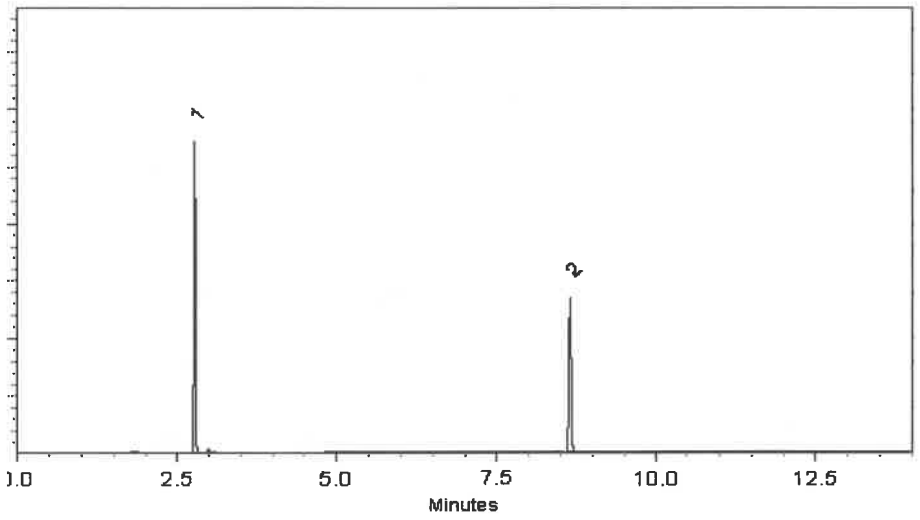
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13348 (10)
↓
P13357
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

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. : 32007 **Lot No.:** A0207511

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	13192500	----%	1,002.7 µg/mL	+/- 55.6424

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13374 (2)
P 13375 1

05/6/2024

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

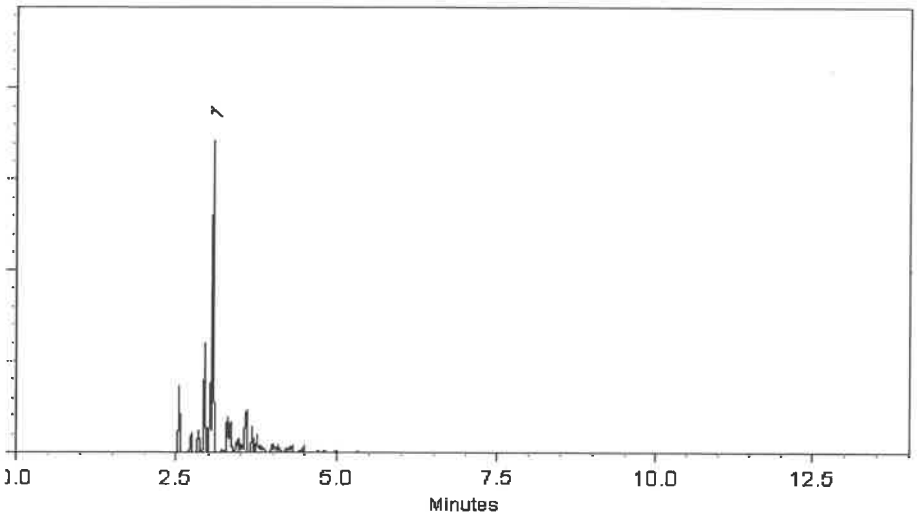
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 06-Feb-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 08-Feb-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13374 (2)
↓
P13375

05/6/2024

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4 ±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589 ↓ P13590

AJ 10/14/24

CSD-QA-015.1

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Aroclor 1248 Standard
Product Number: PP-342-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006726317
Lot Issue Date: 27-Jan-2023
Expiration Date: 28-Feb-2031

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3	±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591
↓
P13592

AJ
10/14/2024

Agilent

Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.1

ISO 17025

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32010 **Lot No.:** A0214733

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

P13695
P13696
Y.P.
10/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	15242800	----%	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

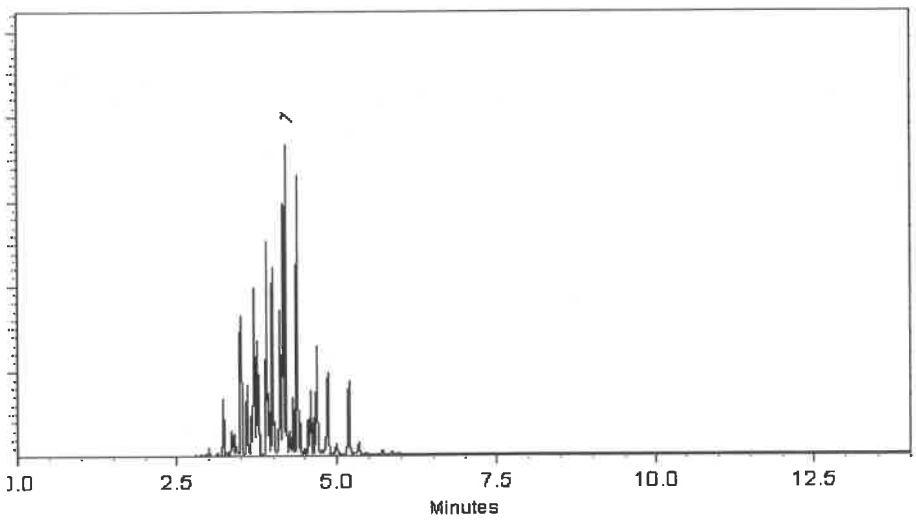
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Rebecca Gingerich - Operations Tech II

Date Mixed: 02-Aug-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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.)

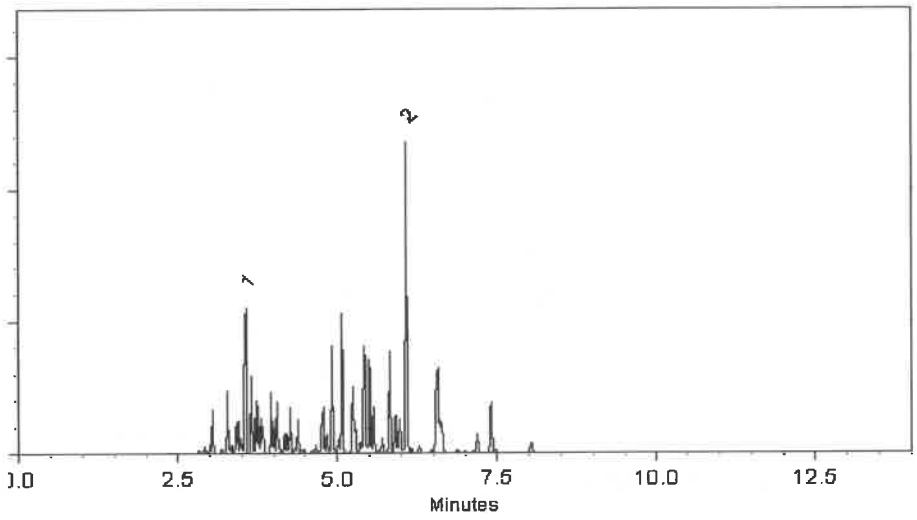
Inj. Temp:
250°C

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

P13706
P13707
Y.P. 10/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	----%	1,000.7 µg/mL	+/- 55.5295

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

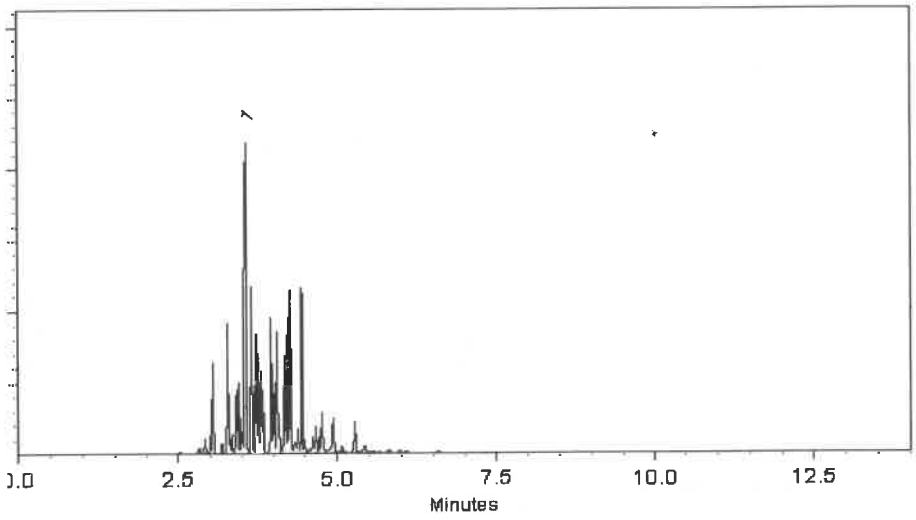
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024 **Balance Serial #** B442140311

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 17-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Q3178-PCB

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

P13785 ↓ P13789 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.

Q3178-PCB

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.)

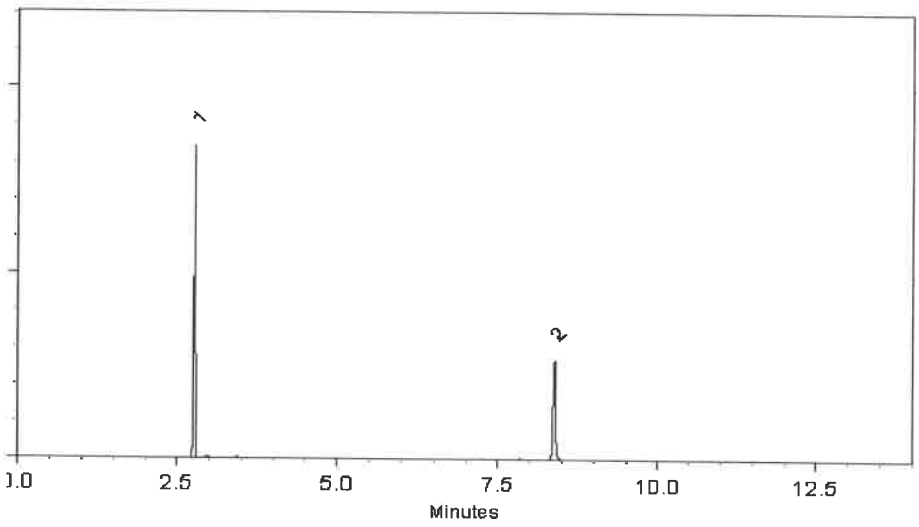
Inj. Temp:
250°C

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. : 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

P13785 ↓ P13789 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.

Q3178-PCB

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

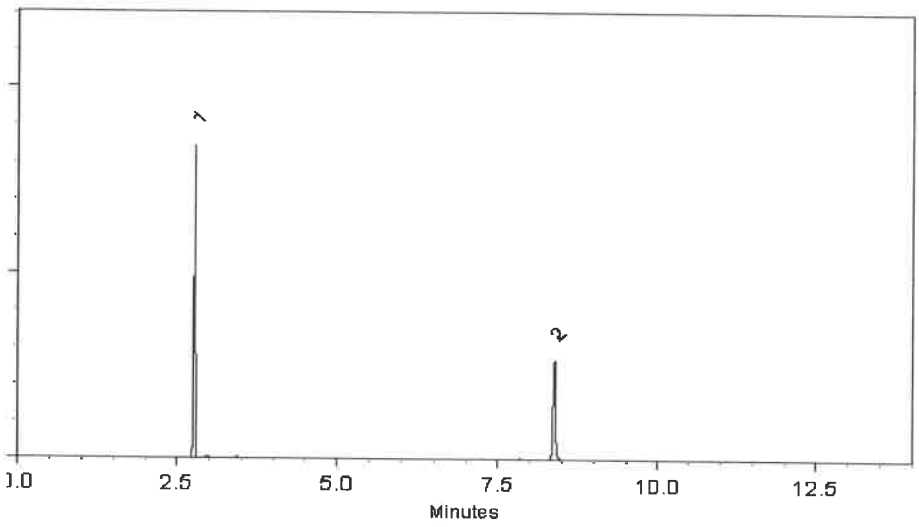
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

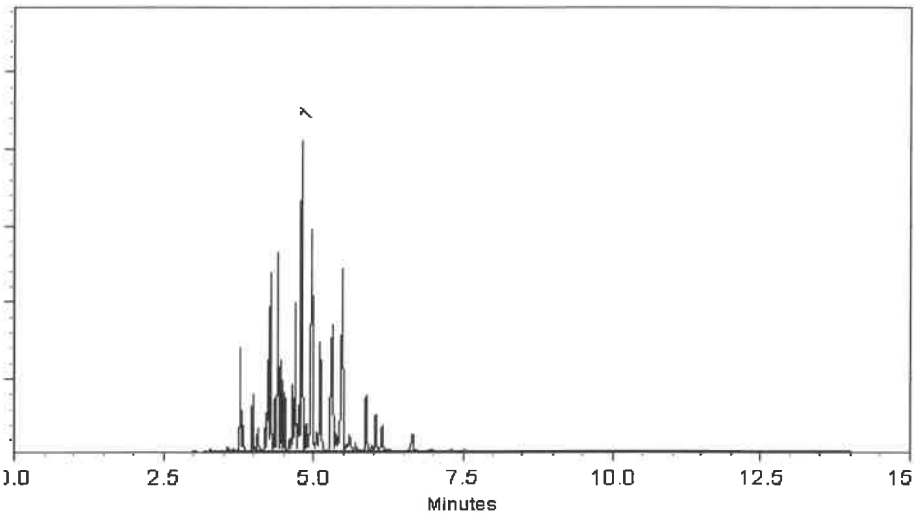
Inj. Temp:
250°C

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

Q3178-PCB

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.)

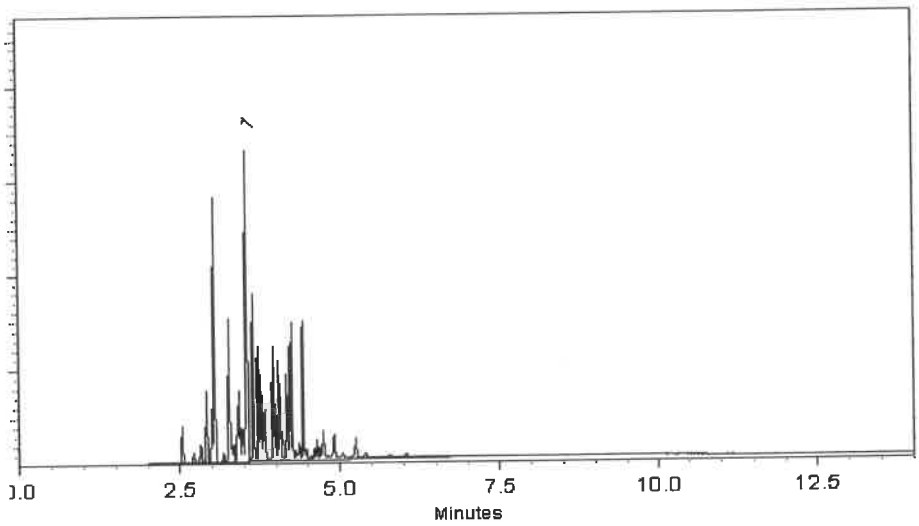
Inj. Temp:
250°C

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

Q3178-PCB

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. : 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

Q3178-PCB

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.)

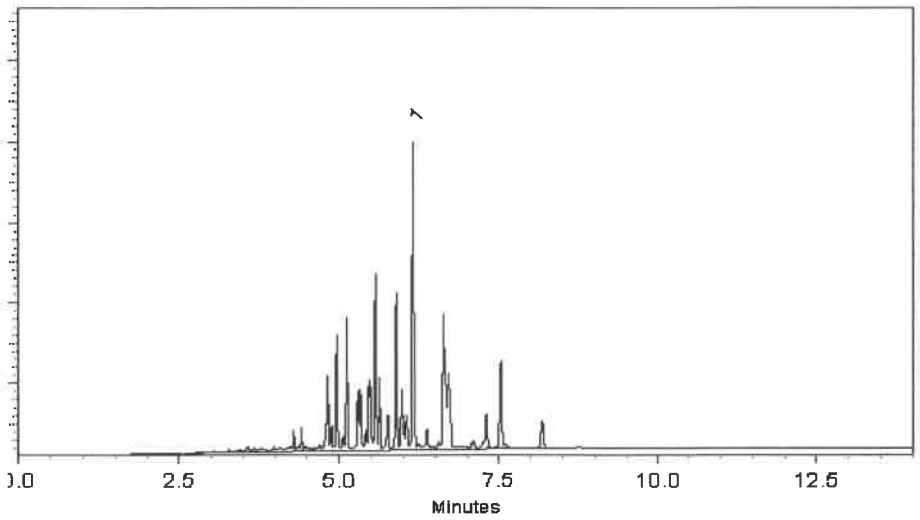
Inj. Temp:
250°C

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

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. : 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

Q3178-PCB

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.)

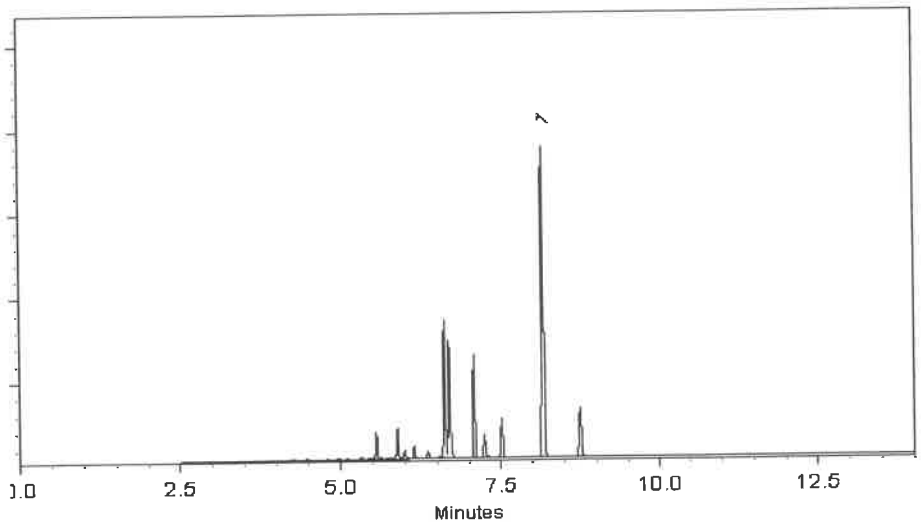
Inj. Temp:
250°C

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®

Q3147

Q3147 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

Q3179
Q ~~3176~~ 3178

USEPA

DateShipped: 9/23/2025

CarrierName: Hand-Delivered

AirbillNo:

CHAIN OF CUSTODY RECORD

Case #:

Contact Name: Leticia Campiglia

Contact Phone: 732-570-4993

No: 2-092325-0004-0049-02

Cooler #: 2 of 2

Lab: Alliance Technical Group LLC (non-CLP)

Lab Phone: 908-789-8900

Lab #	Sample #	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
7	EME-TS14-01	TAL VOCs,	Soil	9/23/2025	12:45	9	5 g Encore sampler	4 C	Y
2	EME-TS14-01	EPH	Soil	9/23/2025	12:45	2	4 oz glass jar	4 C	Y
6	EME-TS14-01	SPLP VOCs	Soil	9/23/2025	12:45	9	5 g Encore sampler	4 C	Y
4	EME-TS14-01	SPLP SVOCs, Pesticides, PCBs	Soil	9/23/2025	12:45	4	8 oz amber glass jar	4 C	Y
5	EME-TS14-01	SPLP EPH	Soil	9/23/2025	12:45	2	4 oz glass jar	4 C	Y
1	EME-TS14-01	TAL Metals + Hg and Cn	Soil	9/23/2025	12:45	2	8 oz clear glass jar	4 C	Y
	EME-TS14-01	SPLP Metals + Hg and Cn	Soil	9/23/2025	12:45	2	8 oz clear glass jar	4 C	Y
	EME-TS14-01	Percent Moisture	Soil	9/23/2025	12:45	2	4 oz jar w/ septum	4 C	Y
	EME-TS14-01	TAL SVOCs, PCBs, Pesticides	Soil	9/23/2025	12:45	4	8 oz amber glass jar	4 C	Y

9/23/25

Special Instructions: RFP # 916. Please email results to leticia.campiglia@westonsolutions.com, smita.sumbaly@westonsolutions.com, ronan.clynch@westonsolutions.com and michael.lang@westonsolutions.com.
7 day preliminary TAT.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All samples	START V1 Weston	9/23/25 1700		9-23-25 1700	1.3°C FedEx #1 Custody seals intact Temp. Blk present

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3178 ROYF02
Client Name : Weston Solutions, Inc.
Client Contact : Smita Sumbaly
Invoice Name : Weston Solutions, Inc.
Invoice Contact : Smita Sumbaly

Order Date : 9/24/2025 10:59:00 AM
Project Name : RFP 916
Receive DateTime : 9/23/2025 5:00:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : Equis Region2(MEDD)
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3178-01	EME-TS14-01	Solid	09/23/2025	12:45					
					VOC-TCLVOA-10		8260D		5 Bus. Days
Q3178-02	EME-TS14-01MS	Solid	09/23/2025	12:45					
					VOC-TCLVOA-10		8260D		5 Bus. Days
Q3178-03	EME-TS14-01MSD	Solid	09/23/2025	12:45					
					VOC-TCLVOA-10		8260D		5 Bus. Days

Relinguished By :
Date / Time : 9/24/25 1150

Received By :
Date / Time : 09/24/25 11:58

Storage Area : VOA Refridgerator Room