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

Cover Page

Order ID : Q1938

Project ID : Stan Hope

Client : Saxton Falls Sand and Gravel Co. Inc.

Lab Sample Number	Client Sample Number
Q1938-01	LOWER-WALL-PILE-A
Q1938-02	LOWER-WALL-PILE-A
Q1938-03	LOWER-WALL-PILE-B
Q1938-04	LOWER-WALL-PILE-B
Q1938-05	LOWER-WALL-PILE-C
Q1938-06	LOWER-WALL-PILE-C
Q1938-07	LOWER-WALL-PILE-D
Q1938-08	LOWER-WALL-PILE-D

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

Signature : _____

Date: 5/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1938**

	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: **PRATIK PATEL** **Date:** **05/07/2025**

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LAB CHRONICLE

OrderID:	Q1938	**OrderDate:**	5/1/2025 2:05:00 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	**Project:**	Stan Hope
Contact:	Rich Schindelar	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1938-01	**LOWER-WALL-PILE-A**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-02	**LOWER-WALL-PILE-A**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-03	**LOWER-WALL-PILE-B**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-04	**LOWER-WALL-PILE-B**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-05	**LOWER-WALL-PILE-C**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-06	**LOWER-WALL-PILE-C**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	
Q1938-07	**LOWER-WALL-PILE-D**	**SOIL**			**05/01/25**			**05/01/25**
			PCB	8082A		05/05/25	05/05/25	
			TPH GC	8015D		05/07/25	05/07/25	
Q1938-08	**LOWER-WALL-PILE-D**	**Solid**			**05/01/25**			**05/01/25**
			EPH_NF	NJEPH		05/05/25	05/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1938 **Order ID:** Q1938

Client: Saxton Falls Sand and Gravel Co. Inc. **Project ID:** Stan Hope

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : LOWER-WALL-PILE-A								
Q1938-01	LOWER-WALL-PILE	SOIL	Aroclor-1254	11.6	J	3.40	18.2	ug/kg
			Total Concentration:	**11.600**				



QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO110891.D	PIBLK-PO110891.D	Tetrachloro-m-xylene	1	20	16.1	81		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	18.1	91		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	15.2	76		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	18.1	90		70 (60)	130 (140)
I.BLK-PO110930.D	PIBLK-PO110930.D	Tetrachloro-m-xylene	1	20	14.9	75		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	16.1	81		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	15.5	78		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	18.0	90		70 (60)	130 (140)
PB167853BL	PB167853BL	Tetrachloro-m-xylene	1	20	18.3	91		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	18.8	94		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	18.2	91		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	20.6	103		30 (32)	150 (175)
PB167853BS	PB167853BS	Tetrachloro-m-xylene	1	20	17.0	85		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.0	95		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	17.5	87		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	20.6	103		30 (32)	150 (175)
Q1936-01MS	SMALL-PILE-AMS	Tetrachloro-m-xylene	1	20	17.0	85		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	16.6	83		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	17.9	89		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.7	93		30 (32)	150 (175)
Q1936-01MSD	SMALL-PILE-AMSD	Tetrachloro-m-xylene	1	20	17.1	85		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	16.6	83		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	18.0	90		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	19.0	95		30 (32)	150 (175)
I.BLK-PO110945.D	PIBLK-PO110945.D	Tetrachloro-m-xylene	1	20	15.4	77		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	15.4	77		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	16.2	81		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	17.9	90		70 (60)	130 (140)
I.BLK-PP071388.D	PIBLK-PP071388.D	Tetrachloro-m-xylene	1	20	17.1	85		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.6	88		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	17.2	86		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	17.6	88		70 (60)	130 (140)
I.BLK-PP071770.D	PIBLK-PP071770.D	Tetrachloro-m-xylene	1	20	16.6	83		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	18.5	93		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	17.9	89		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.1	101		70 (60)	130 (140)
Q1938-01	LOWER-WALL-PILE-A	Tetrachloro-m-xylene	1	20	21.7	109		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.8	99		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.9	115		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	20.8	104		30 (32)	150 (175)
Q1938-03	LOWER-WALL-PILE-B	Tetrachloro-m-xylene	1	20	20.5	102		30 (32)	150 (144)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1938-03	LOWER-WALL-PILE-B	Decachlorobiphenyl	1	20	20.3	101		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.5	107		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	19.1	96		30 (32)	150 (175)
Q1938-05	LOWER-WALL-PILE-C	Tetrachloro-m-xylene	1	20	17.6	88		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	17.4	87		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.9	100		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.1	90		30 (32)	150 (175)
Q1938-07	LOWER-WALL-PILE-D	Tetrachloro-m-xylene	1	20	19.4	97		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.0	100		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.4	107		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	19.9	99		30 (32)	150 (175)
I.BLK-PP071785.D	PIBLK-PP071785.D	Tetrachloro-m-xylene	1	20	16.8	84		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.8	89		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	19.2	96		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	19.9	99		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8082A **DataFile :** PO110934.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SMALL-PILE-AMS**											
Q1936-01MS	AR1016	183.4	0	176	ug/kg	96				40 (55)	140 (146)	
	AR1260	183.4	0	165	ug/kg	90				40 (31)	140 (146)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8082A **DataFile :** PO110935.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SMALL-PILE-AMSD**											
Q1936-01MSD	AR1016	183.5	0	174	ug/kg	95		1		40 (55)	140 (146)	30 (20)
	AR1260	183.5	0	164	ug/kg	89		1		40 (31)	140 (146)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1938

Client: Saxton Falls Sand and Gravel Co. Inc.

Analytical Method: 8082A **Datafile :** PO110932.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167853BS	AR1016	166.6	148	ug/kg	89				40 (71)	140 (120)	
	AR1260	166.6	146	ug/kg	88				40 (65)	140 (130)	

( ) = LABORATORY INHOUSE LIMIT

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167853BL

Lab Name: CHEMTECH Contract: SAXT01

Lab Code: CHEM Case No.: Q1938 SAS No.: Q1938 SDG NO.: Q1938

Lab Sample ID: PB167853BL Lab File ID: PO110931.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 05/05/2025

Date Analyzed (1): 05/05/2025 Date Analyzed (2): 05/05/2025

Time Analyzed (1): 13:09 Time Analyzed (2): 13:09

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)

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
PB167853BS	PB167853BS	PO110932.D	05/05/2025	05/05/2025
SMALL-PILE-AMS	Q1936-01MS	PO110934.D	05/05/2025	05/05/2025
SMALL-PILE-AMSD	Q1936-01MSD	PO110935.D	05/05/2025	05/05/2025
LOWER-WALL-PILE-A	Q1938-01	PP071775.D	05/05/2025	05/05/2025
LOWER-WALL-PILE-B	Q1938-03	PP071776.D	05/05/2025	05/05/2025
LOWER-WALL-PILE-C	Q1938-05	PP071777.D	05/05/2025	05/05/2025
LOWER-WALL-PILE-D	Q1938-07	PP071778.D	05/05/2025	05/05/2025

COMMENTS:



SAMPLE DATA

Raw Data: **PP071775.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-A	SDG No.:	Q1938
Lab Sample ID:	Q1938-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.1 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
PP071775.D	1	05/05/25 08:35	05/05/25 14:10	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.2	ug/kg
11097-69-1	Aroclor-1254	11.6	J	3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.2	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.9		30 (32) - 150 (144)	115%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		30 (32) - 150 (175)	104%	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\PP050525\
Data File : PP071775.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:10
Operator : YP\AJ
Sample : Q1938-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-A

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:04:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.509	3.807	43093647	32308395	21.736	22.936	
2)	SA Decachlor...	10.221	8.835	28645300	18206552	19.783	20.759	
	Target Compounds							
26)	L6 AR-1254-1	6.503	5.695	4414712	1502245	53.870m	16.436	#
27)	L6 AR-1254-2	6.726	5.843	2218250	1816611	17.456m	23.079	#
28)	L6 AR-1254-3	7.091	6.246	2799246	3984034	21.908m	33.618	#
29)	L6 AR-1254-4	7.370	6.473	2369780	1702483	20.166m	22.063	
30)	L6 AR-1254-5	7.789	6.890	5184912	5462783	48.129	53.838m	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071775.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:10
Operator : YP\AJ
Sample : Q1938-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

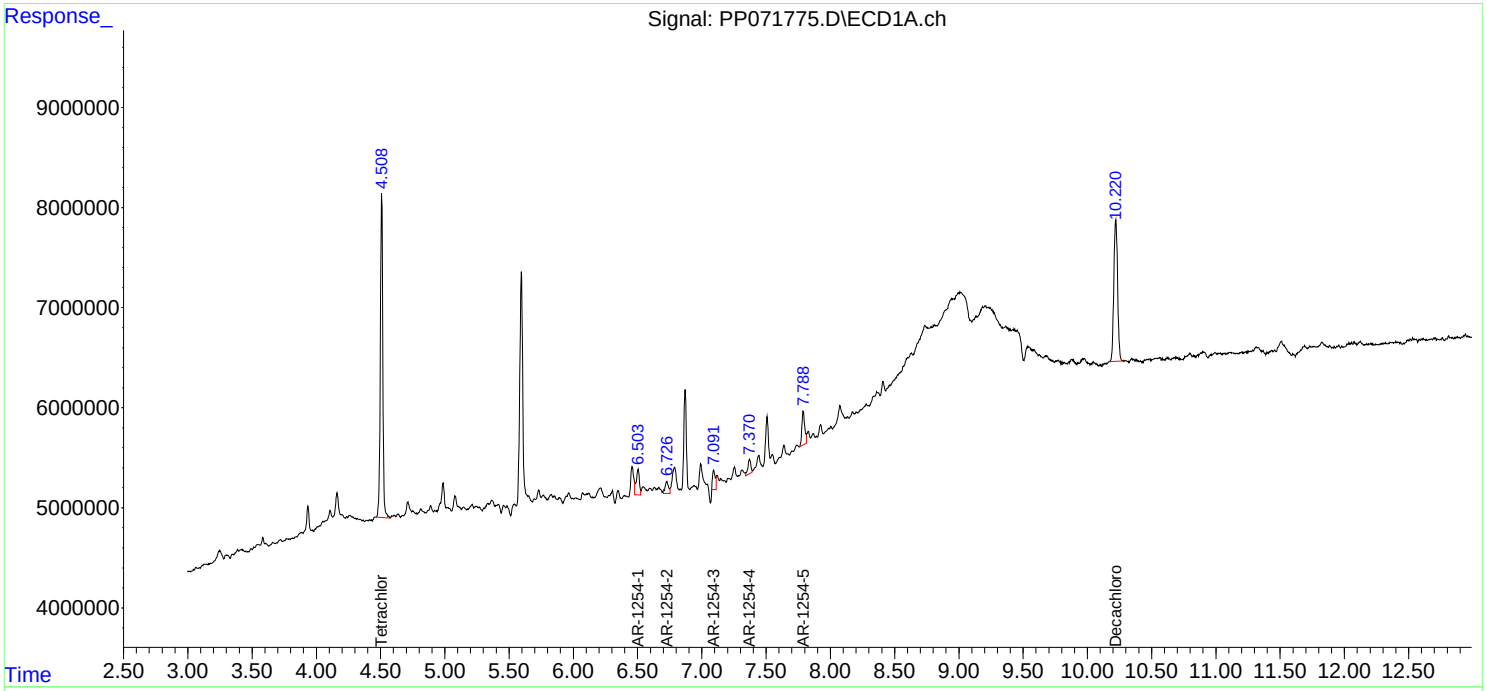
Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-A

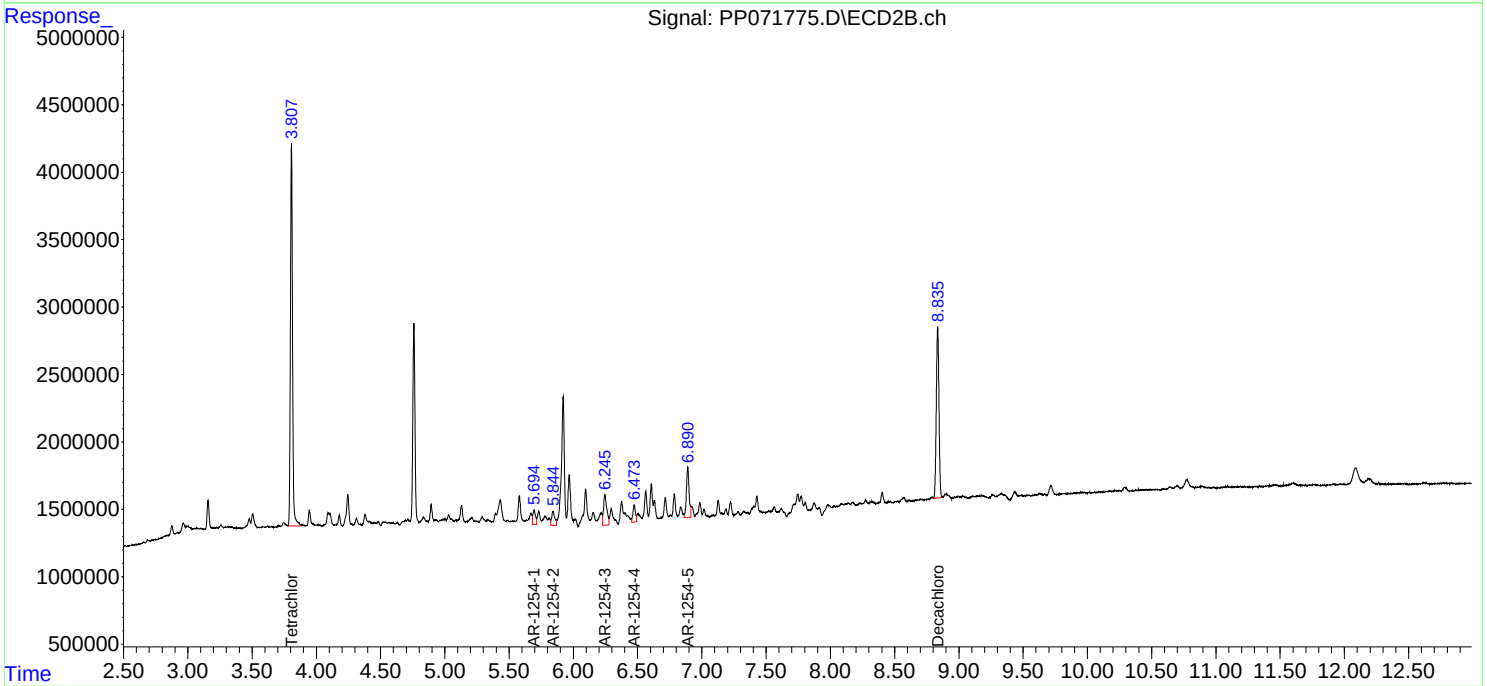
Manual Integrations APPROVED

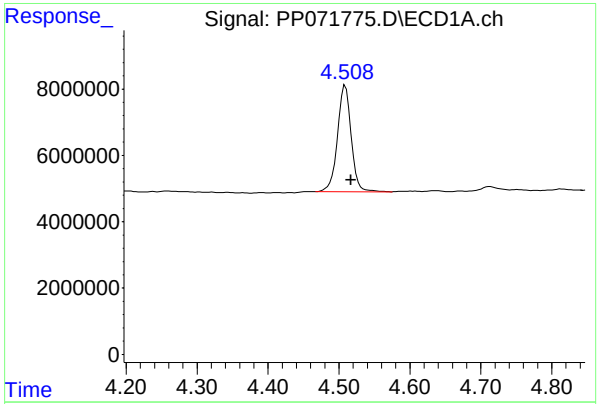
Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:04:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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







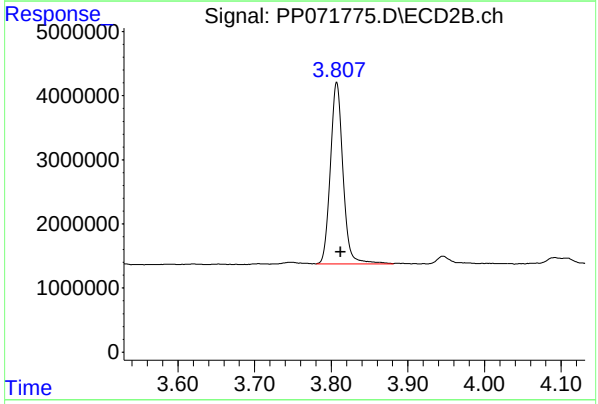
#1 Tetrachloro-m-xylene

R.T.: 4.509 min
Delta R.T.: -0.008 min
Response: 43093647
Conc: 21.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-A

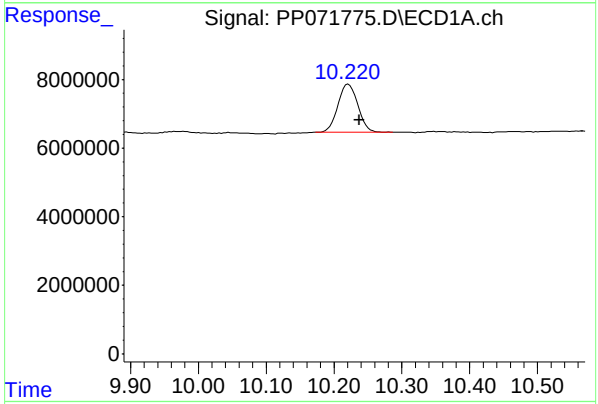
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



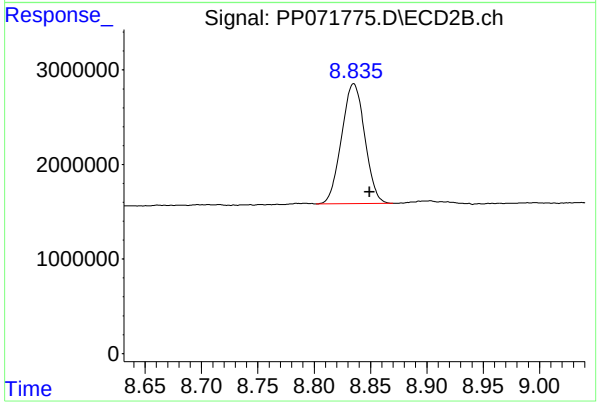
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: -0.005 min
Response: 32308395
Conc: 22.94 ng/ml



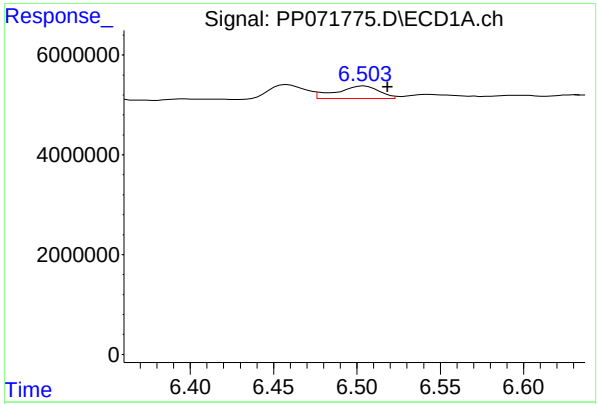
#2 Decachlorobiphenyl

R.T.: 10.221 min
Delta R.T.: -0.016 min
Response: 28645300
Conc: 19.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.835 min
Delta R.T.: -0.014 min
Response: 18206552
Conc: 20.76 ng/ml



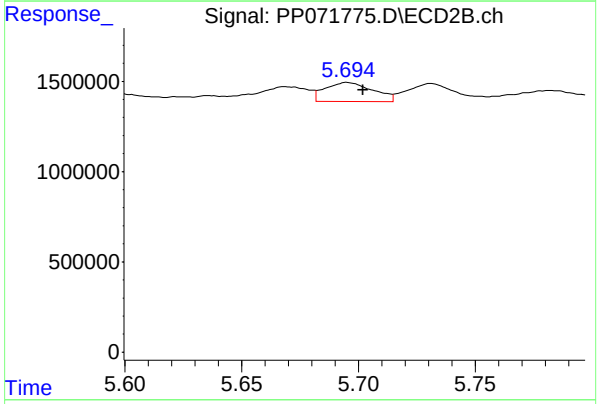
#26 AR-1254-1

R.T.: 6.503 min
Delta R.T.: -0.015 min
Response: 4414712
Conc: 53.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-A

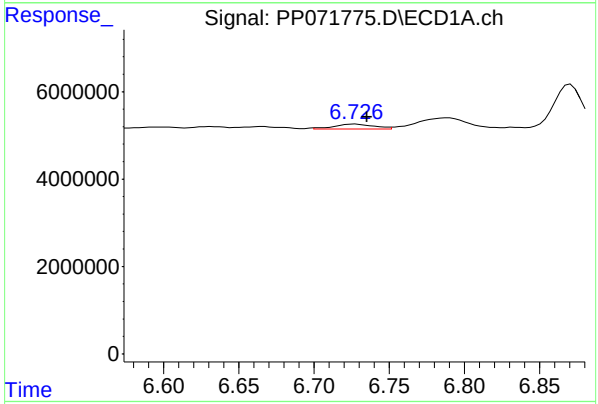
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



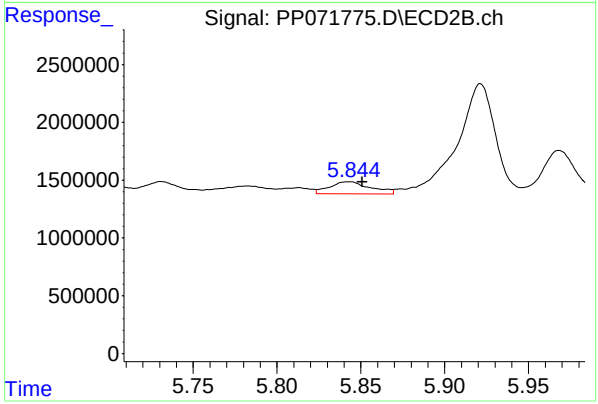
#26 AR-1254-1

R.T.: 5.695 min
Delta R.T.: -0.007 min
Response: 1502245
Conc: 16.44 ng/ml



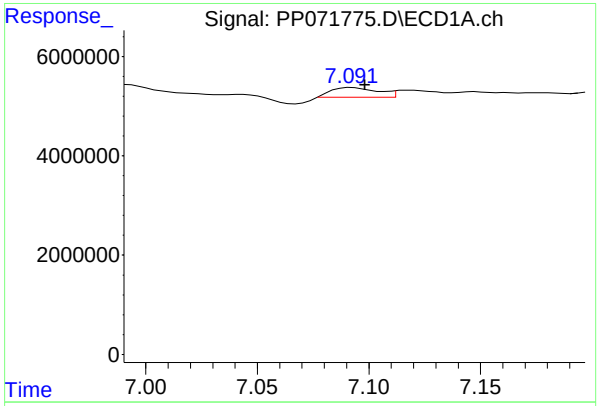
#27 AR-1254-2

R.T.: 6.726 min
Delta R.T.: -0.009 min
Response: 2218250
Conc: 17.46 ng/ml m



#27 AR-1254-2

R.T.: 5.843 min
Delta R.T.: -0.008 min
Response: 1816611
Conc: 23.08 ng/ml



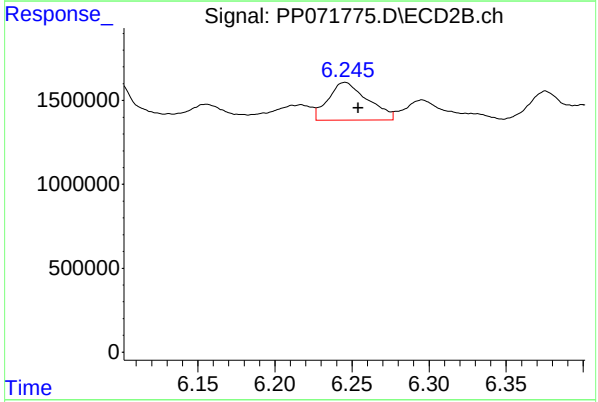
#28 AR-1254-3

R.T.: 7.091 min
Delta R.T.: -0.007 min
Response: 2799246
Conc: 21.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-A

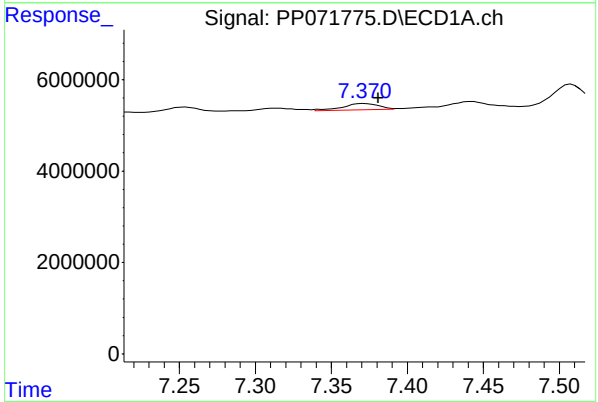
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



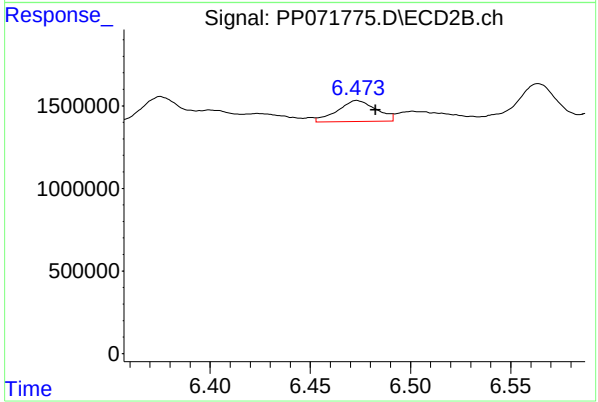
#28 AR-1254-3

R.T.: 6.246 min
Delta R.T.: -0.008 min
Response: 3984034
Conc: 33.62 ng/ml



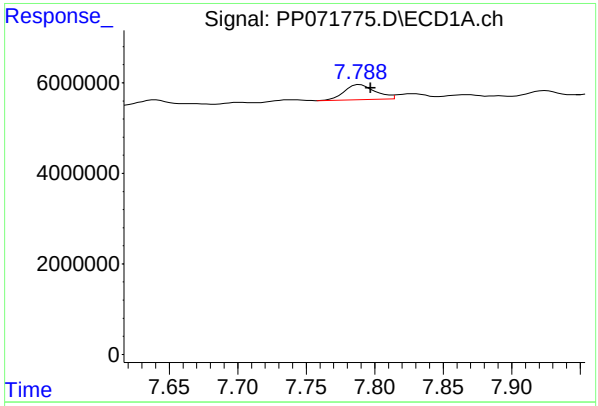
#29 AR-1254-4

R.T.: 7.370 min
Delta R.T.: -0.011 min
Response: 2369780
Conc: 20.17 ng/ml m



#29 AR-1254-4

R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 1702483
Conc: 22.06 ng/ml



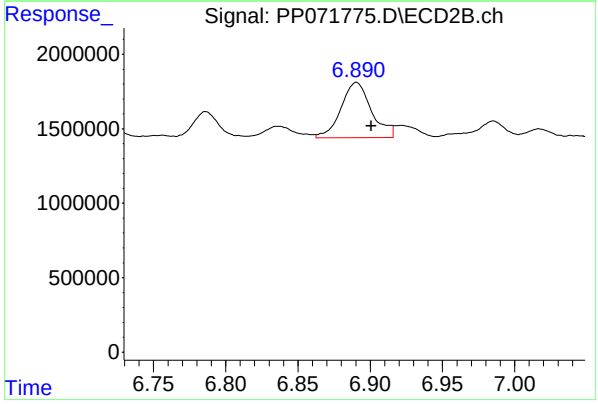
#30 AR-1254-5

R.T.: 7.789 min
Delta R.T.: -0.008 mi
Response: 5184912
Conc: 48.13 ng/m

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-A

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



#30 AR-1254-5

R.T.: 6.890 min
Delta R.T.: -0.011 min
Response: 5462783
Conc: 53.84 ng/ml m

Raw Data: **PP071776.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-B	SDG No.:	Q1938
Lab Sample ID:	Q1938-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	96.6 Decanted:
Sample Wt/Vol:	30.08 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
PP071776.D	1	05/05/25 08:35	05/05/25 14:26	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.10	U	4.10	17.6	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.6	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.6	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.6	ug/kg
12672-29-6	Aroclor-1248	6.10	U	6.10	17.6	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.6	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	17.6	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.6	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	17.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.5		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		30 (32) - 150 (175)	101%	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

Quantitation Report (QT Reviewed)

Sample Results: **PP071776.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:26
Operator : YP\AJ
Sample : Q1938-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:05:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.509	3.807	40562990	30228399	20.459	21.459
2)	SA Decachlor...	10.221	8.834	29356064	16775552	20.273	19.127
	Target Compounds						

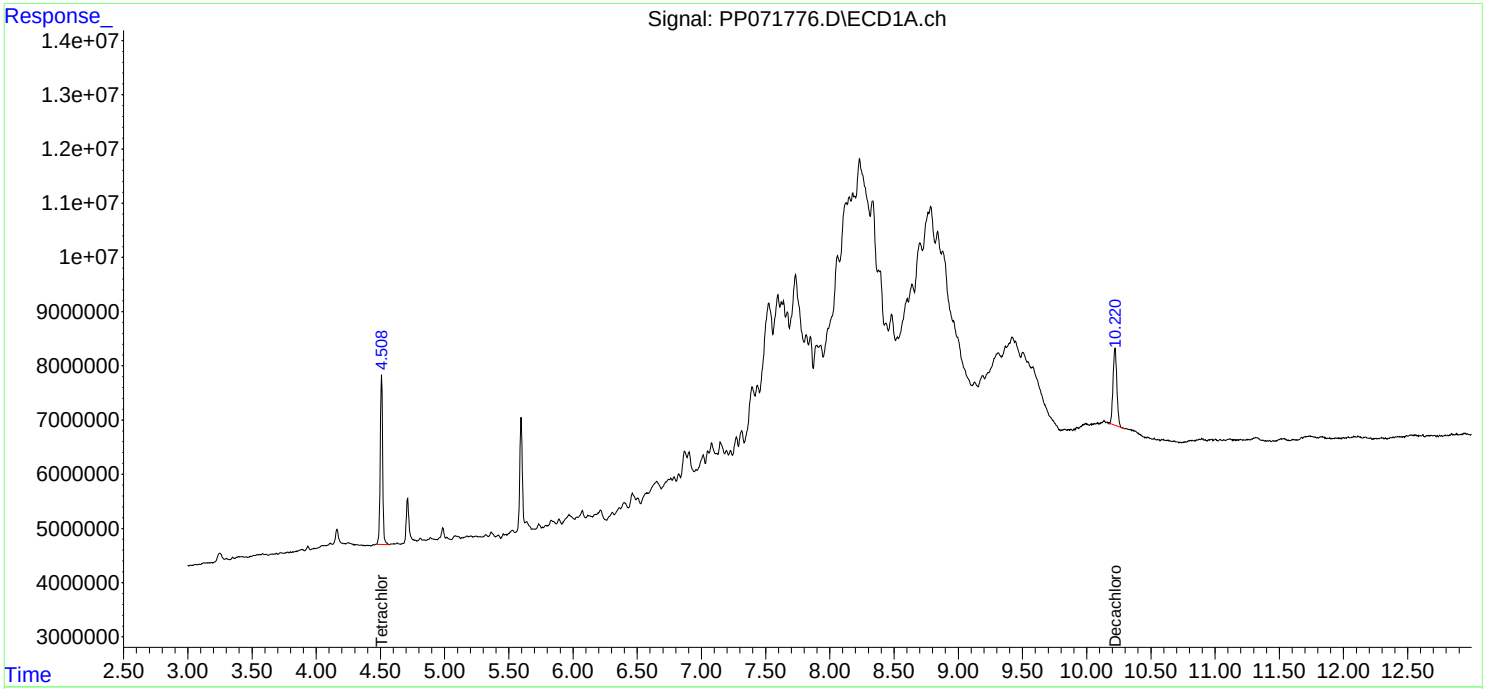
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

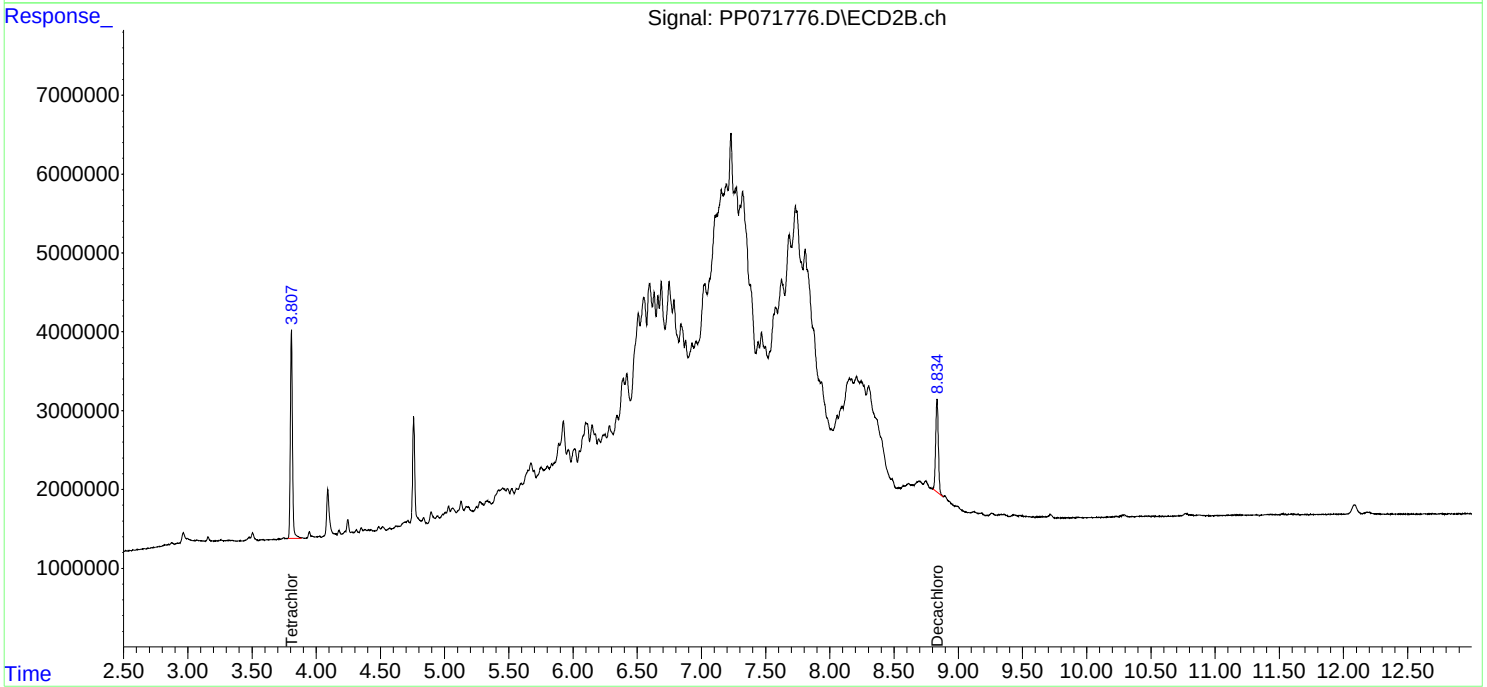
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:26
Operator : YP\AJ
Sample : Q1938-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

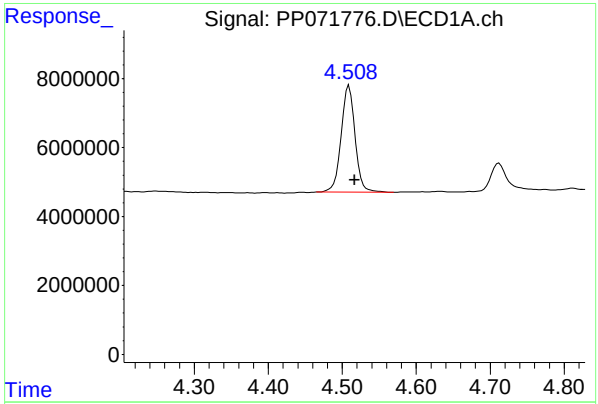
Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:05:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



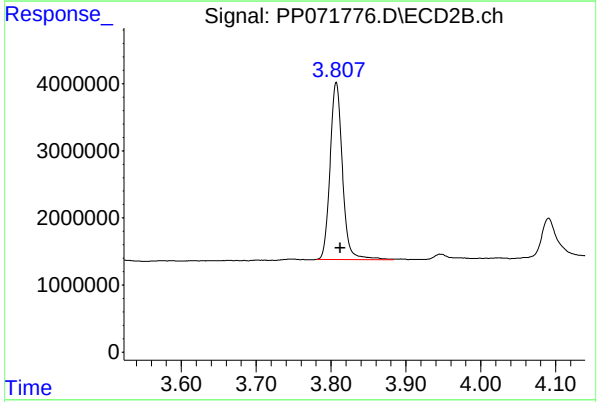




#1 Tetrachloro-m-xylene

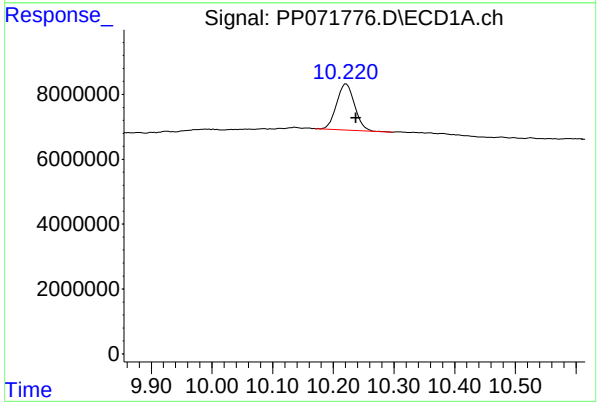
R.T.: 4.509 min
Delta R.T.: -0.008 min
Response: 40562990
Conc: 20.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-B



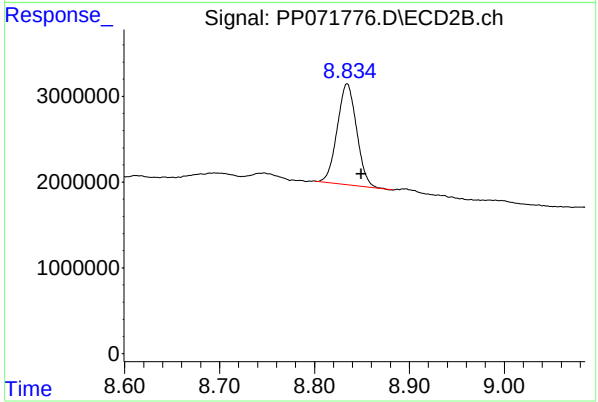
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: -0.005 min
Response: 30228399
Conc: 21.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.221 min
Delta R.T.: -0.016 min
Response: 29356064
Conc: 20.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.834 min
Delta R.T.: -0.015 min
Response: 16775552
Conc: 19.13 ng/ml

Raw Data: **PP071777.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-C	SDG No.:	Q1938
Lab Sample ID:	Q1938-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	96.8 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
PP071777.D	1	05/05/25 08:35	05/05/25 14:43	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.10	U	4.10	17.5	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.5	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.5	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.5	ug/kg
12672-29-6	Aroclor-1248	6.10	U	6.10	17.5	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.5	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	17.5	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.5	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	17.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		30 (32) - 150 (144)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		30 (32) - 150 (175)	90%	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

Quantitation Report (QT Reviewed)

Sample Results: **PP071777.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071777.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:43
Operator : YP\AJ
Sample : Q1938-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:05:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.807	34915444	28057408	17.611	19.918
2)	SA Decachlor...	10.226	8.836	25189724	15862324	17.396	18.086
	Target Compounds						

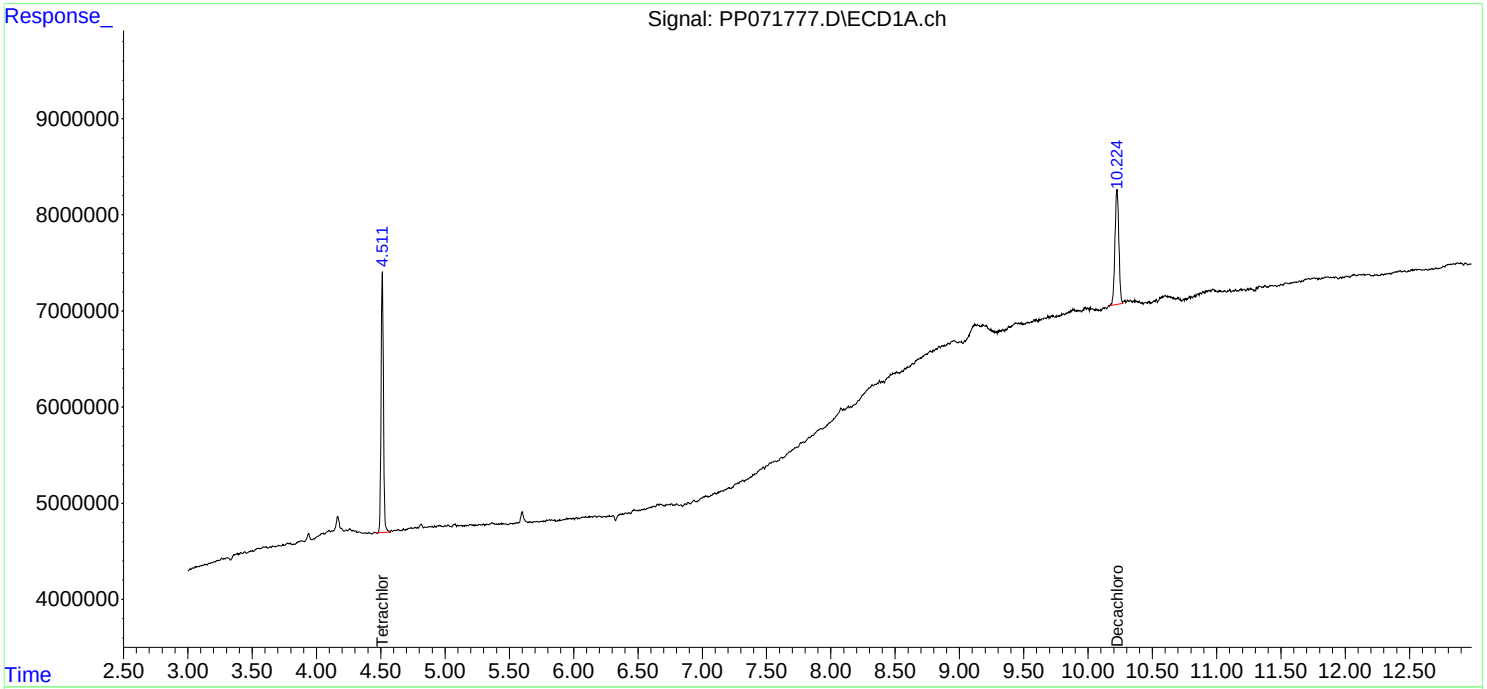
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

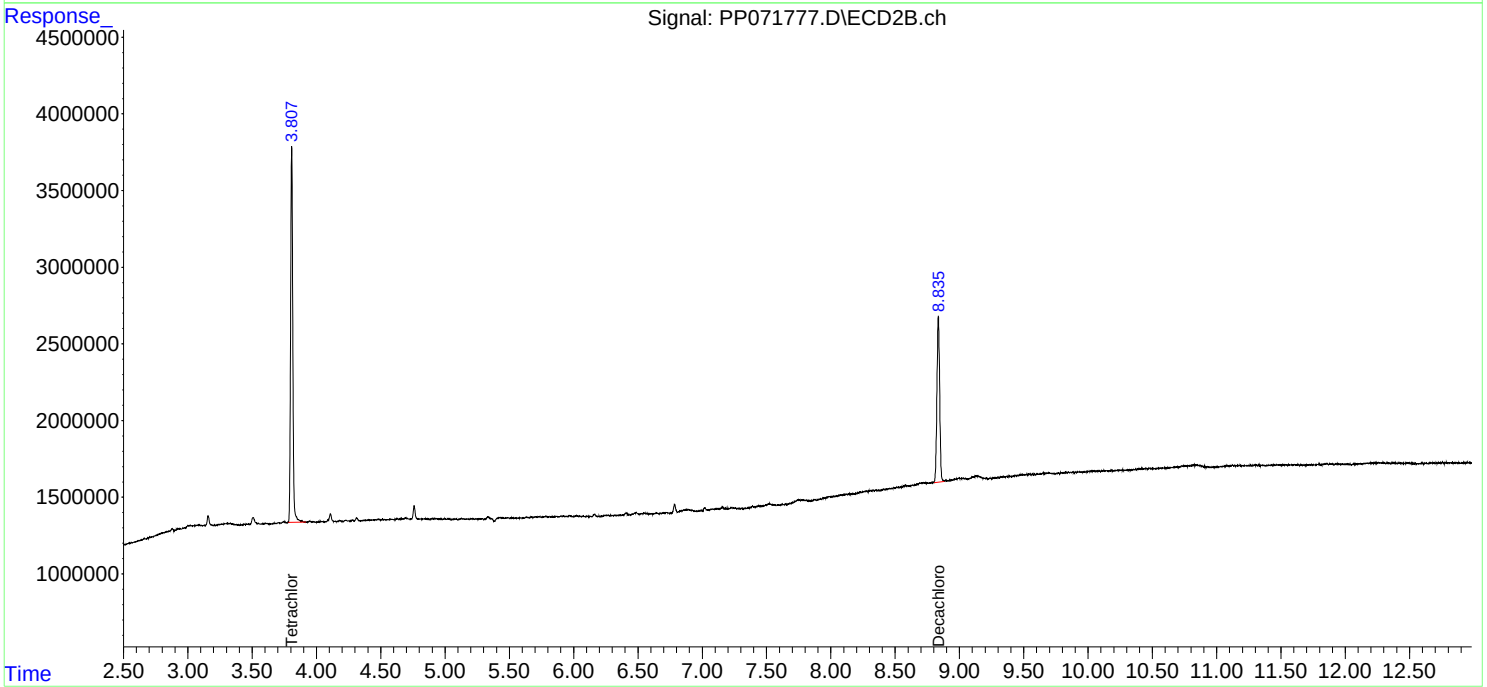
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071777.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:43
Operator : YP\AJ
Sample : Q1938-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

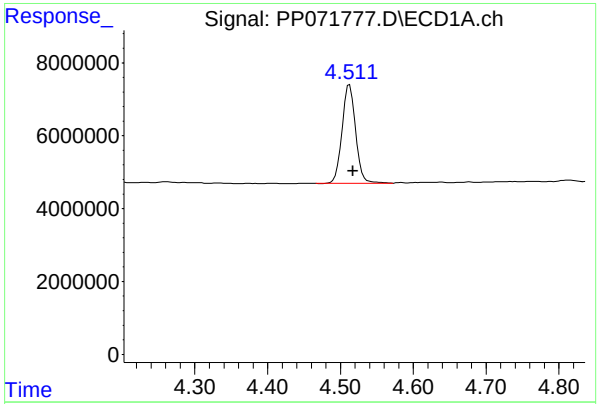
Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:05:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



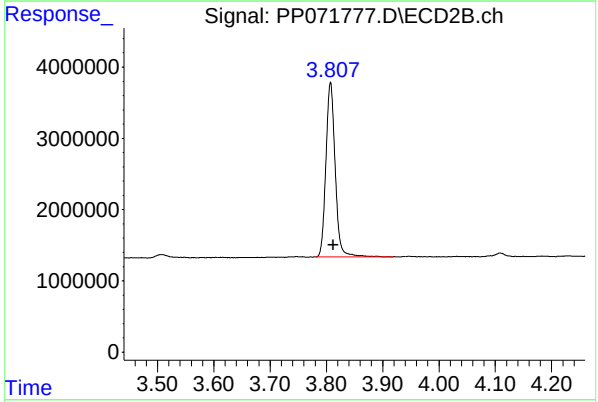




#1 Tetrachloro-m-xylene

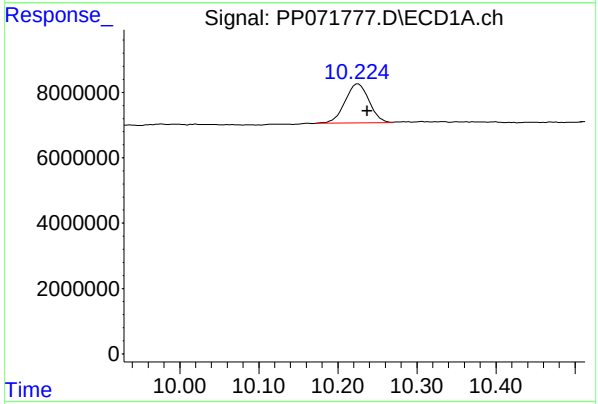
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 34915444
Conc: 17.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-C



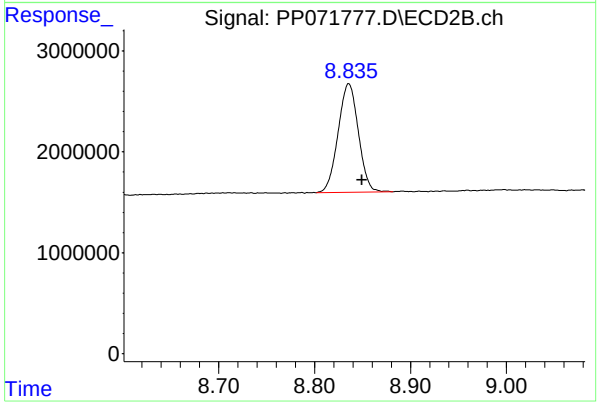
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: -0.005 min
Response: 28057408
Conc: 19.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.226 min
Delta R.T.: -0.012 min
Response: 25189724
Conc: 17.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.836 min
Delta R.T.: -0.013 min
Response: 15862324
Conc: 18.09 ng/ml

Raw Data: **PP071778.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	LOWER-WALL-PILE-D	SDG No.:	Q1938
Lab Sample ID:	Q1938-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	95 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
PP071778.D	1	05/05/25 08:35	05/05/25 14:59	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	17.9	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.9	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.9	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.9	ug/kg
12672-29-6	Aroclor-1248	6.20	U	6.20	17.9	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	17.9	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	17.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	17.9	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	17.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		30 (32) - 150 (175)	100%	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

Quantitation Report (QT Reviewed)

Sample Results: **PP071778.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071778.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:59
Operator : YP\AJ
Sample : Q1938-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-D

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:06:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.509	3.807	38355586	30076232	19.346	21.351
2)	SA Decachlor...	10.221	8.835	28995117	17421438	20.024	19.864
	Target Compounds						

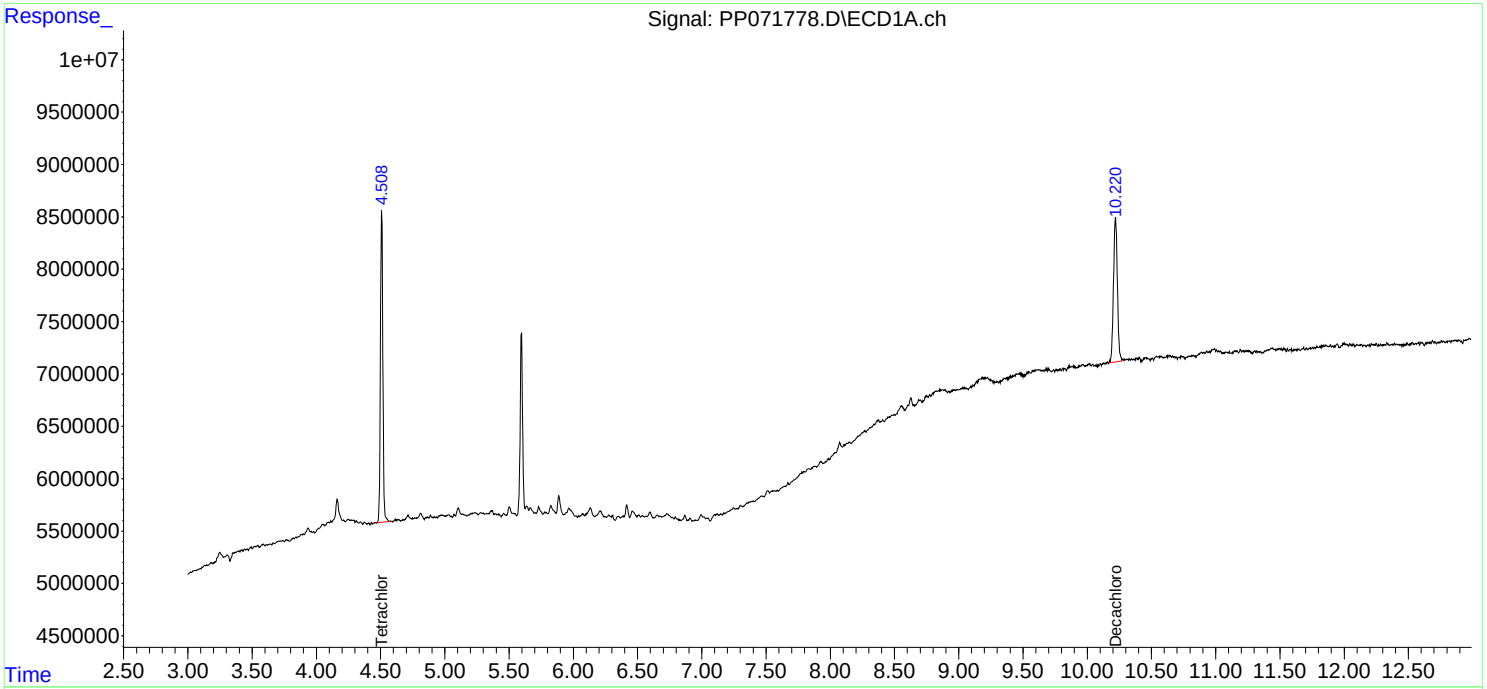
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

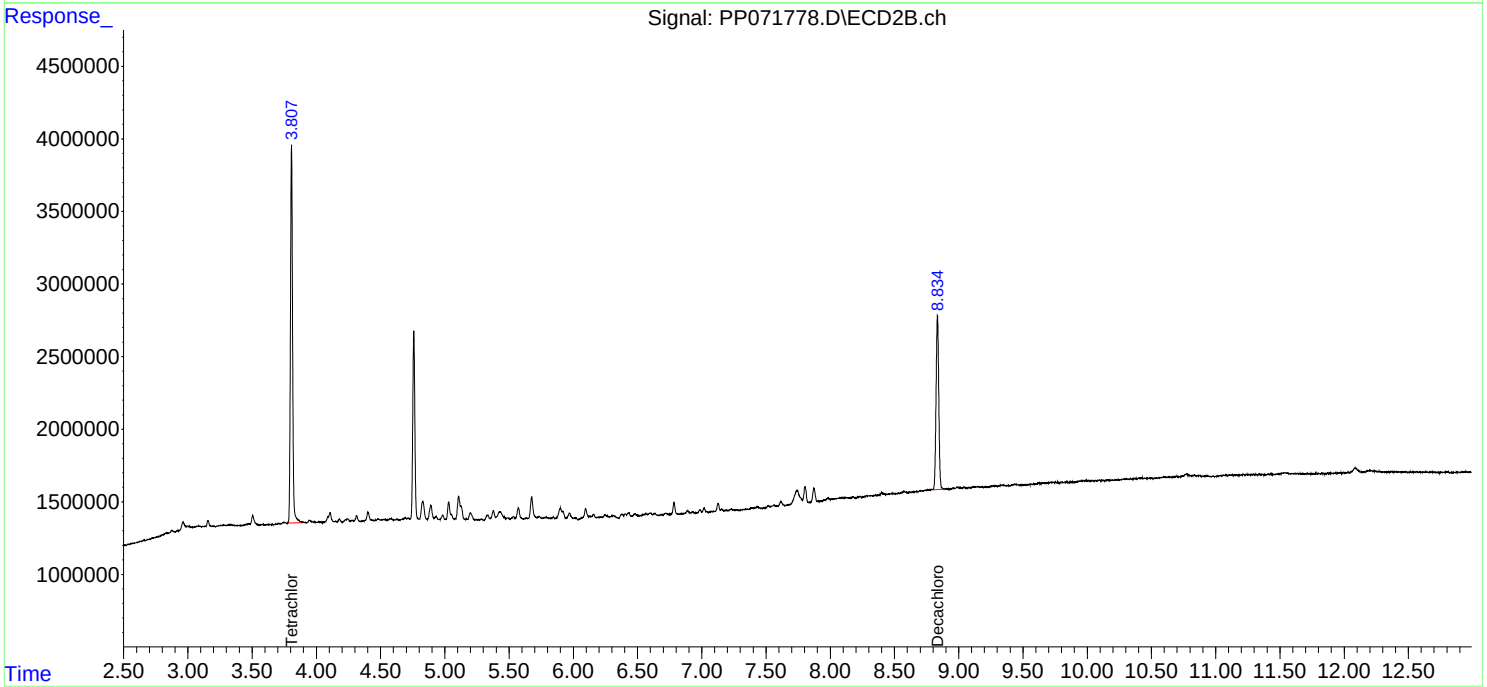
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071778.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:59
Operator : YP\AJ
Sample : Q1938-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

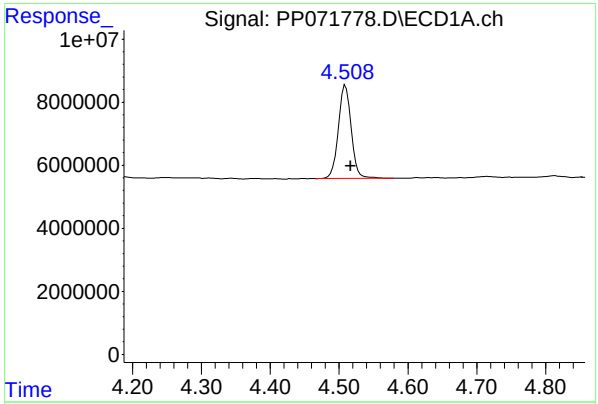
Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-D

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:06:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



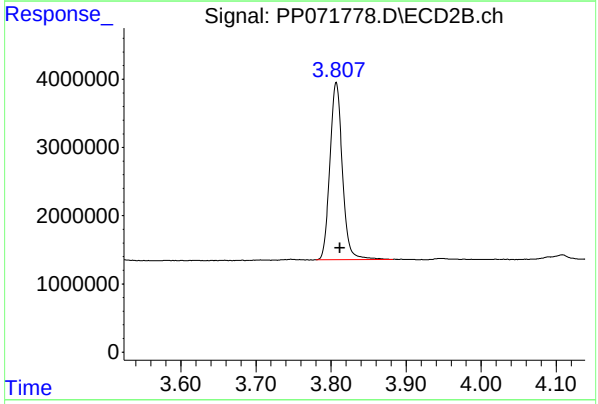




#1 Tetrachloro-m-xylene

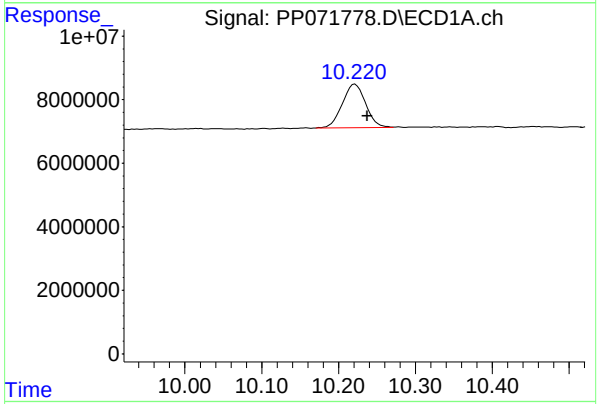
R.T.: 4.509 min
Delta R.T.: -0.008 mi
Response: 38355586
Conc: 19.35 ng/m

Instrument :
ECD_P
ClientSampleId :
LOWER-WALL-PILE-D



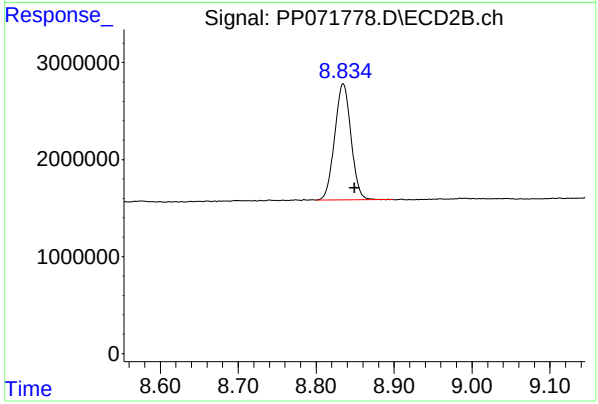
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: -0.005 min
Response: 30076232
Conc: 21.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.221 min
Delta R.T.: -0.016 min
Response: 28995117
Conc: 20.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.835 min
Delta R.T.: -0.014 min
Response: 17421438
Conc: 19.86 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_O **Calibration Date(s):** 05/02/2025 05/02/2025

Calibration Times: 09:45 18:29

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

LAB FILE ID: RT 1000 = PO110892.D RT 750 = PO110893.D

RT 500 = PO110894.D RT 250 = PO110895.D RT 050 = PO110896.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.78	4.78	4.77	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-2	(2)	4.80	4.80	4.79	4.80	4.79	4.79	4.69	4.89
Aroclor-1016-3	(3)	4.85	4.85	4.85	4.85	4.85	4.85	4.75	4.95
Aroclor-1016-4	(4)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1016-5	(5)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1260-1	(1)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-2	(2)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1260-3	(3)	6.83	6.83	6.82	6.83	6.82	6.82	6.72	6.92
Aroclor-1260-4	(4)	7.09	7.09	7.08	7.09	7.08	7.08	6.98	7.18
Aroclor-1260-5	(5)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.68	3.69	3.68	3.69	3.59	3.79
Aroclor-1242-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-2	(2)	4.79	4.80	4.80	4.80	4.79	4.80	4.70	4.90
Aroclor-1242-3	(3)	4.85	4.85	4.85	4.85	4.85	4.85	4.75	4.95
Aroclor-1242-4	(4)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1242-5	(5)	5.62	5.63	5.62	5.62	5.62	5.62	5.52	5.72
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1248-1	(1)	4.78	4.78	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1248-2	(2)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-3	(3)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1248-4	(4)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1248-5	(5)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1254-1	(1)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1254-2	(2)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Aroclor-1254-3	(3)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1254-4	(4)	6.37	6.37	6.37	6.37	6.37	6.37	6.27	6.47
Aroclor-1254-5	(5)	6.79	6.79	6.79	6.79	6.79	6.79	6.69	6.89
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.69	3.69	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1268-1	(1)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-2	(2)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1268-3	(3)	7.88	7.88	7.88	7.88	7.88	7.88	7.78	7.98
Aroclor-1268-4	(4)	8.17	8.17	8.17	8.17	8.17	8.17	8.07	8.27
Aroclor-1268-5	(5)	8.47	8.47	8.47	8.47	8.47	8.47	8.37	8.57

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene	3.69	3.68	3.68	3.68	3.68	3.68	3.58	3.78

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_O **Calibration Date(s):** 05/02/2025 05/02/2025

Calibration Times: 09:45 18:29

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

LAB FILE ID: RT 1000 = PO110892.D RT 750 = PO110893.D

RT 500 = PO110894.D RT 250 = PO110895.D RT 050 = PO110896.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.96	4.96	4.95	4.96	4.95	4.96	4.86	5.06
Aroclor-1016-4	(4)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1260-2	(2)	6.43	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Aroclor-1260-4	(4)	7.05	7.05	7.05	7.05	7.05	7.05	6.95	7.15
Aroclor-1260-5	(5)	7.29	7.29	7.29	7.29	7.29	7.29	7.19	7.39
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1242-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.95	4.95	4.96	4.96	4.95	4.95	4.85	5.05
Aroclor-1242-4	(4)	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Aroclor-1242-5	(5)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1248-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-3	(3)	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Aroclor-1248-4	(4)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1254-1	(1)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1254-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-3	(3)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1254-4	(4)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.76	6.75	6.76	6.76	6.75	6.76	6.66	6.86
Decachlorobiphenyl		8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1268-1	(1)	7.58	7.58	7.58	7.58	7.57	7.58	7.48	7.68
Aroclor-1268-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1268-3	(3)	7.85	7.85	7.85	7.85	7.85	7.85	7.75	7.95
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

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Tetrachloro-m-xylene	3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78

Raw Data

Alliance TECHNICAL GROUP

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_O **Calibration Date(s):** 05/02/2025 05/02/2025

Calibration Times: 09:45 18:29

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

LAB FILE ID: **CF 1000 =** PO110892.D **CF 750 =** PO110893.D

CF 500 = PO110894.D **CF 250 =** PO110895.D **CF 050 =** PO110896.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	205272828	215983025	220080828	235959088	227775760	221014306	5
Aroclor-1016-2	(2)	293649877	304461169	310578602	332973160	309197320	310172026	5
Aroclor-1016-3	(3)	200575527	209792187	228714718	228670052	275757960	228702089	13
Aroclor-1016-4	(4)	157876141	164543576	165703006	180476220	167365060	167192801	5
Aroclor-1016-5	(5)	165250516	172786223	176016614	187973036	188417460	178088770	6
Aroclor-1260-1	(1)	299528495	310321508	357380970	344999836	350884960	332623154	8
Aroclor-1260-2	(2)	375796209	385860701	423713836	432768876	455924780	414812880	8
Aroclor-1260-3	(3)	331231566	345042447	348673676	380747372	355635520	352266116	5
Aroclor-1260-4	(4)	287326179	298526096	307780692	326694172	300854140	304236256	5
Aroclor-1260-5	(5)	714199547	732981263	738786548	770004572	715959260	734386238	3
Decachlorobiphenyl		5762043410	5976019093	6119819720	6535356640	6119083200	6102464413	5
Tetrachloro-m-xylene		5640516600	5793090093	5814049480	5979617160	5376745600	5720803787	4
Aroclor-1242-1	(1)	176981853	185116560	185903338	191867692	179768720	183927633	3
Aroclor-1242-2	(2)	248451544	259422057	262337068	268657800	249152060	257604106	3
Aroclor-1242-3	(3)	171468652	180242387	187546770	185300204	185990780	182109759	4
Aroclor-1242-4	(4)	135335611	141504689	137968130	144888608	138568260	139653060	3
Aroclor-1242-5	(5)	144449327	152342121	161991074	160079152	160611300	155894595	5
Decachlorobiphenyl		5888460680	6135811280	6361723380	6789227280	6534385000	6341921524	5
Tetrachloro-m-xylene		5816337050	5952986400	5895080000	5859556880	5258170400	5756426146	5
Aroclor-1248-1	(1)	121536205	127705265	130603610	144623292	132343180	131362310	6
Aroclor-1248-2	(2)	162731657	171357039	171082906	193805280	177185940	175232564	7
Aroclor-1248-3	(3)	203361335	212932001	224036516	237622448	224385900	220467640	6
Aroclor-1248-4	(4)	300072071	315606644	331791156	346867216	344233840	327714185	6
Aroclor-1248-5	(5)	214600452	227122772	239037018	247001276	239477160	233447736	5
Decachlorobiphenyl		5890541470	6016185987	6113782300	6522801160	6218016400	6152265463	4
Tetrachloro-m-xylene		5360495470	5533054973	5662822400	5992082280	5333513200	5576393665	5
Aroclor-1254-1	(1)	319345291	329724384	340849730	358341332	339594100	337570967	4
Aroclor-1254-2	(2)	276203446	284791309	279985404	309908104	287617260	287701105	5
Aroclor-1254-3	(3)	446238177	457590699	450758250	483882000	448018680	457297561	3
Aroclor-1254-4	(4)	292919199	302510501	306441382	325562828	296693300	304825442	4
Aroclor-1254-5	(5)	404187735	415856485	428424788	442235180	418736540	421888146	3
Decachlorobiphenyl		5824726420	5999804813	6165911280	6499697280	6156562800	6129340519	4
Tetrachloro-m-xylene		5742417230	5862219200	5650151880	5979436800	5275508000	5701946622	5
Aroclor-1268-1	(1)	896153865	926162523	941758782	962020664	723117100	889842587	11

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	817138385	845332508	859374938	871448836	618985700	802456073	13
Aroclor-1268-3	(3)	700056139	727016721	743173404	777029204	485178120	686490718	17
Aroclor-1268-4	(4)	290278356	301378231	310704250	301315608	186344660	278004221	19
Aroclor-1268-5	(5)	2111394804	2165208924	2192889384	2191925276	1556953500	2043674378	13
Decachlorobiphenyl		9668330710	10000331827	10286699760	10673766240	7236899600	9573205627	14
Tetrachloro-m-xylene		5733099360	5947944293	6006966740	5857115440	4050912800	5519207727	15

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_O **Calibration Date(s):** 05/02/2025 05/02/2025

Calibration Times: 09:45 18:29

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

LAB FILE ID: **CF 1000 =** PO110892.D **CF 750 =** PO110893.D

CF 500 = PO110894.D **CF 250 =** PO110895.D **CF 050 =** PO110896.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	149864780	155342161	160079260	169311912	159788520	158877327	5
Aroclor-1016-2	(2)	219190287	226881592	230228012	243078600	223459140	228567526	4
Aroclor-1016-3	(3)	115546215	120208939	121092586	129522560	123310560	121936172	4
Aroclor-1016-4	(4)	93391182	97789509	98795898	109141820	104686600	100761002	6
Aroclor-1016-5	(5)	121423362	126889816	129833168	138823224	140043820	131402678	6
Aroclor-1260-1	(1)	204930694	212718488	227899190	231696056	226602120	220769310	5
Aroclor-1260-2	(2)	239681762	248766996	261166512	271700624	264826280	257228435	5
Aroclor-1260-3	(3)	221530151	228751101	234453782	244020668	236962940	233143728	4
Aroclor-1260-4	(4)	170273922	175982431	180266706	192386684	191569220	182095793	5
Aroclor-1260-5	(5)	381142655	390353621	394137820	413580012	386753940	393193610	3
Decachlorobiphenyl		1565991170	1628694360	1670678300	1820043040	1750865000	1687254374	6
Tetrachloro-m-xylene		4873476820	4959692227	4943730000	5053567440	4385038400	4843100977	5
Aroclor-1242-1	(1)	126696062	131244364	133543764	137462260	132686540	132326598	3
Aroclor-1242-2	(2)	183881128	190537707	191119380	198040176	186792600	190074198	3
Aroclor-1242-3	(3)	97737881	100991139	100728974	105443604	101703080	101320936	3
Aroclor-1242-4	(4)	96899292	100789483	101848010	108282984	110731860	103710326	5
Aroclor-1242-5	(5)	117846629	122764163	128470028	129569412	134178400	126565726	5
Decachlorobiphenyl		1581409100	1651702053	1723068280	1854149680	1841501800	1730366183	7
Tetrachloro-m-xylene		4949133850	5031153467	4951741480	4917316560	4332160200	4836301111	6
Aroclor-1248-1	(1)	87941740	92961549	95706288	105890496	99374720	96374959	7
Aroclor-1248-2	(2)	122909953	128143691	129857510	147382408	147315620	135121836	8
Aroclor-1248-3	(3)	130631111	136650091	140843376	155821620	161768460	145142932	9
Aroclor-1248-4	(4)	152910119	159634252	167154668	179556460	178325460	167516192	7
Aroclor-1248-5	(5)	153836776	160964761	166669664	176993068	180929020	167878658	7
Decachlorobiphenyl		1588810710	1628189973	1677509060	1824689280	1788158000	1701471405	6
Tetrachloro-m-xylene		4523432400	4647961000	4697197520	4921079920	4297819000	4617497968	5
Aroclor-1254-1	(1)	235828564	243322039	251373422	265906824	258688780	251023926	5
Aroclor-1254-2	(2)	204202116	211503215	212412124	232810672	230002440	218186113	6
Aroclor-1254-3	(3)	321967296	329739988	331218024	352064504	336057900	334209542	3
Aroclor-1254-4	(4)	186026034	191129692	193993898	207080376	192576100	194161220	4
Aroclor-1254-5	(5)	258387827	265723240	269125052	284271756	263896920	268280959	4
Decachlorobiphenyl		1596471620	1664497613	1770754040	1862933480	1793707400	1737672831	6
Tetrachloro-m-xylene		4892916100	4959789800	4827954520	5059694080	4400436000	4828158100	5
Aroclor-1268-1	(1)	431329394	443482049	458800046	475095940	346070080	430955502	12

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	393313730	402469447	415819218	425448780	282321060	383874447	15
Aroclor-1268-3	(3)	288901411	296833589	308143202	319701408	206561000	284028122	16
Aroclor-1268-4	(4)	104991080	109698192	113297320	116938616	75686280	104122298	16
Aroclor-1268-5	(5)	621133951	632445772	656653064	675073308	449411560	606943531	15
Decachlorobiphenyl		2723582030	2812322040	2967739480	3112316920	2102563400	2743704774	14
Tetrachloro-m-xylene		5047265870	5200790400	5217527280	4979898320	3444407800	4777977934	16

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_O **Date(s) Analyzed:** 05/02/2025 05/02/2025

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	3.90	3.80	4.00	87068200
		2	3.98	3.88	4.08	67711400
		3	4.06	3.96	4.16	197771000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.06	3.96	4.16	153584000
		2	4.55	4.45	4.65	82380800
		3	4.80	4.70	4.90	159085000
		4	4.97	4.87	5.07	84170600
		5	5.01	4.91	5.11	58872400
Aroclor-1262	500	1	6.82	6.72	6.92	460420000
		2	7.33	7.23	7.43	786498000
		3	7.61	7.51	7.71	334078000
		4	7.67	7.57	7.77	578510000
		5	8.17	8.07	8.27	266794000

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_O **Date(s) Analyzed:** 05/02/2025 05/02/2025

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	3.89	3.79	3.99	66565800
		2	3.98	3.88	4.08	51331600
		3	4.05	3.95	4.15	153037000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.05	3.95	4.15	117462000
		2	4.78	4.68	4.88	115035000
		3	4.95	4.85	5.05	60286400
		4	5.04	4.94	5.14	55712600
		5	5.21	5.11	5.31	58864800
Aroclor-1262	500	1	6.79	6.69	6.89	282404000
		2	7.29	7.19	7.39	439308000
		3	7.58	7.48	7.68	162362000
		4	7.64	7.54	7.74	291128000
		5	8.13	8.03	8.23	98593000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 09:45
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: May 02 10:55:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 10:51:58 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...	3.686	3.682	564.1E6	487.3E6	98.485	99.284
2) SA	Decachlor...	8.728	8.677	576.2E6	156.6E6	96.989	96.766
	Target Compounds						
3) L1	AR-1016-1	4.777	4.761	205.3E6	149.9E6	965.187	967.044
4) L1	AR-1016-2	4.795	4.780	293.6E6	219.2E6	971.983	975.440
5) L1	AR-1016-3	4.852	4.955	200.6E6	115.5E6	934.452	976.562
6) L1	AR-1016-4	4.972	4.997	157.9E6	93391182	975.812	971.878
7) L1	AR-1016-5	5.230	5.210	165.3E6	121.4E6	968.453	966.529
31) L7	AR-1260-1	6.270	6.241	299.5E6	204.9E6	911.932	946.934
32) L7	AR-1260-2	6.458	6.428	375.8E6	239.7E6	940.066	957.103
33) L7	AR-1260-3	6.825	6.581	331.2E6	221.5E6	974.346	971.658
34) L7	AR-1260-4	7.085	7.052	287.3E6	170.3E6	965.629	971.493
35) L7	AR-1260-5	7.328	7.293	714.2E6	381.1E6	983.078	983.238

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

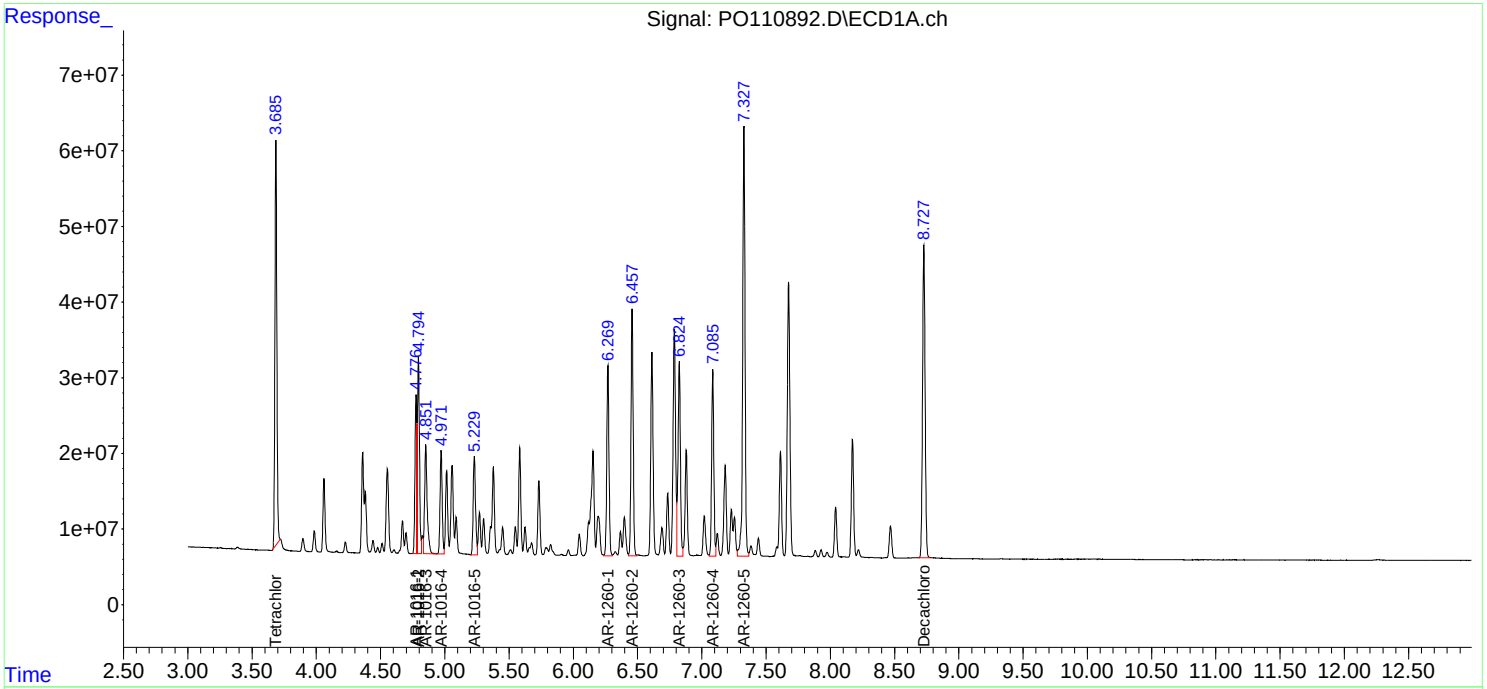
ICAL Form

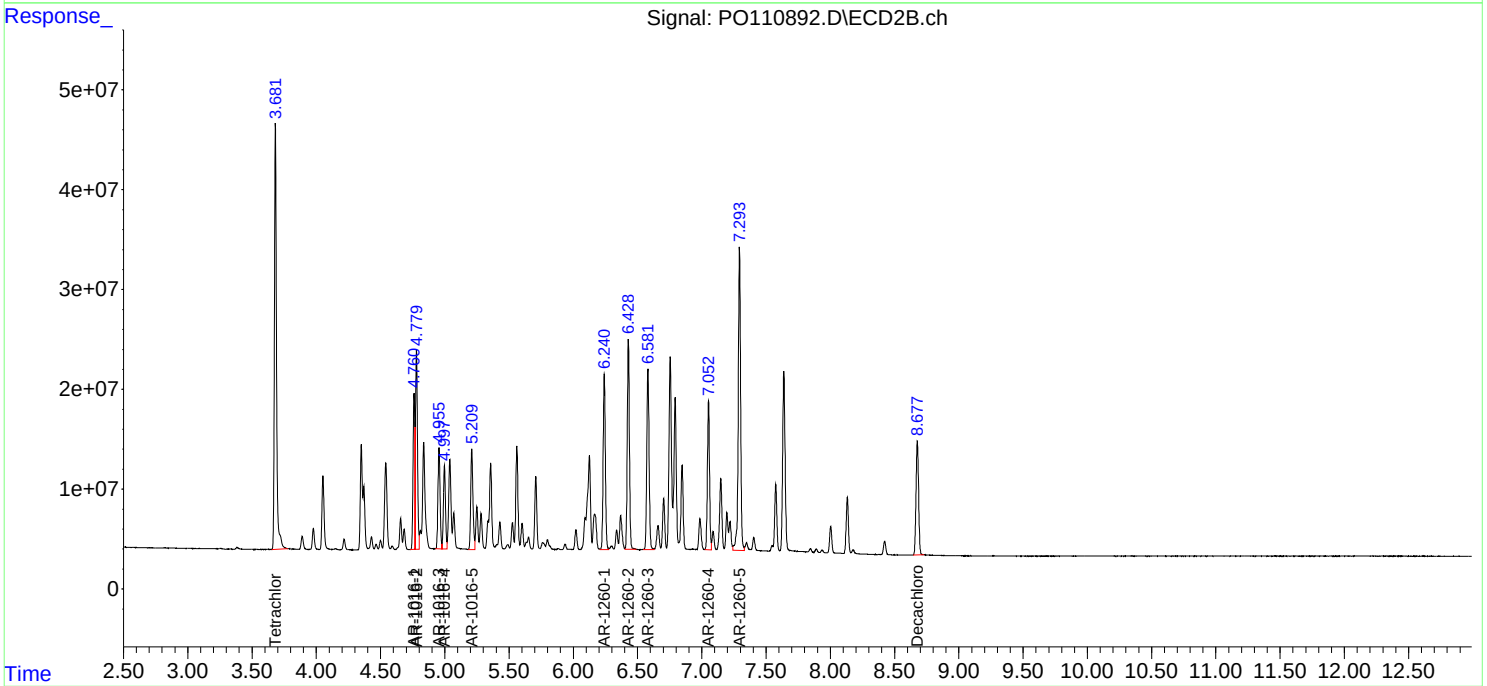
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Data File : PO110892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 09:45
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

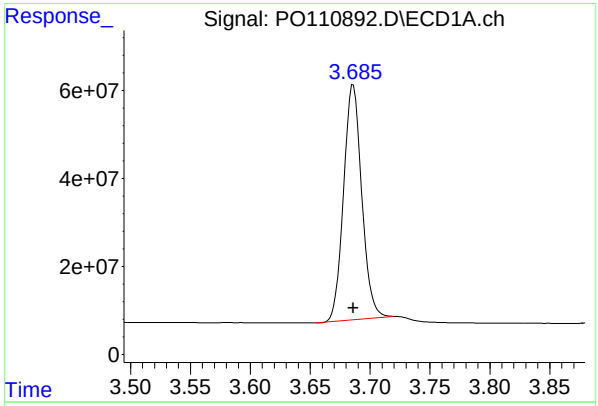
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 10:55:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 10:51:58 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



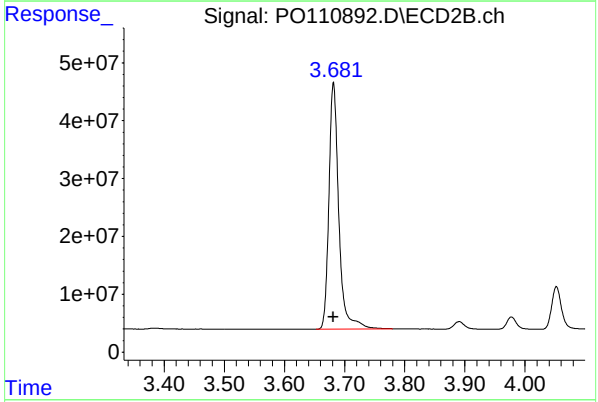




#1 Tetrachloro-m-xylene

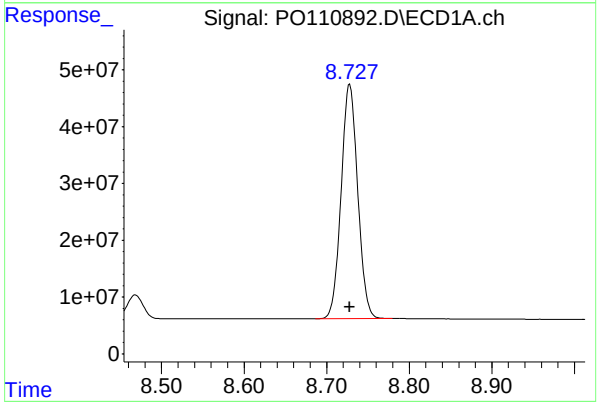
R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 564051660
Conc: 98.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



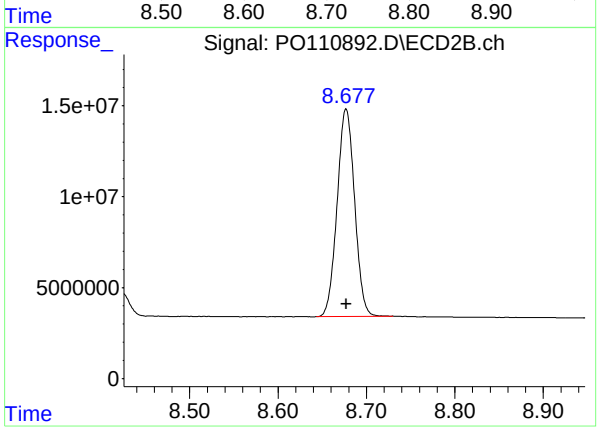
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: 0.000 min
Response: 487347682
Conc: 99.28 ng/ml



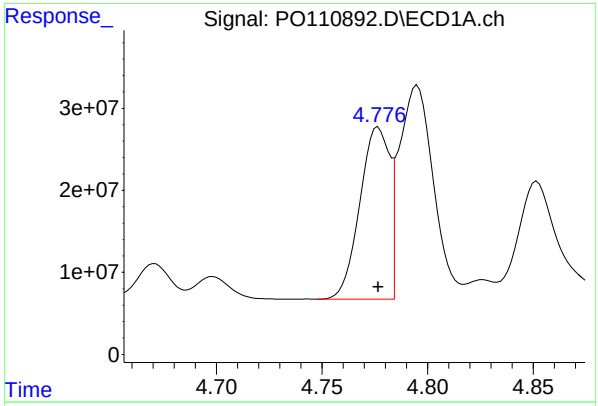
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 576204341
Conc: 96.99 ng/ml



#2 Decachlorobiphenyl

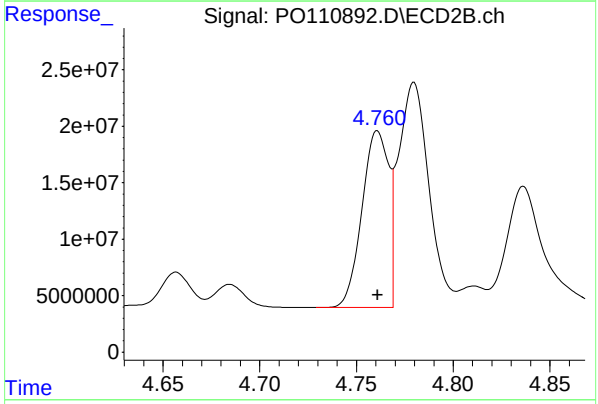
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 156599117
Conc: 96.77 ng/ml



#3 AR-1016-1

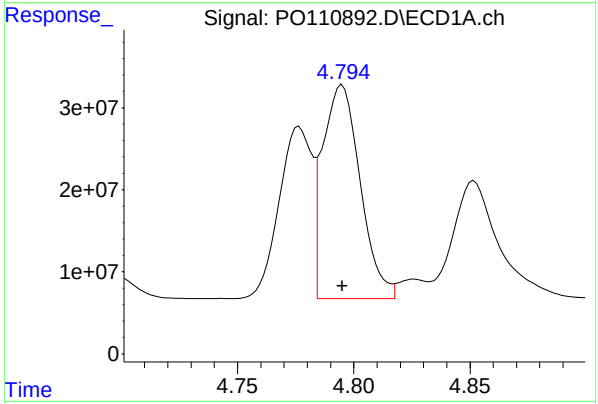
R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 205272828
Conc: 965.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



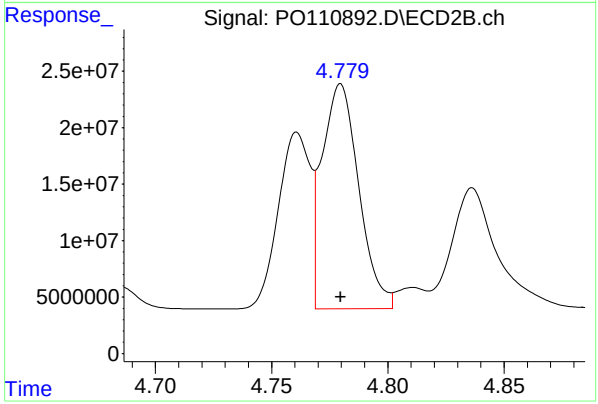
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 149864780
Conc: 967.04 ng/ml



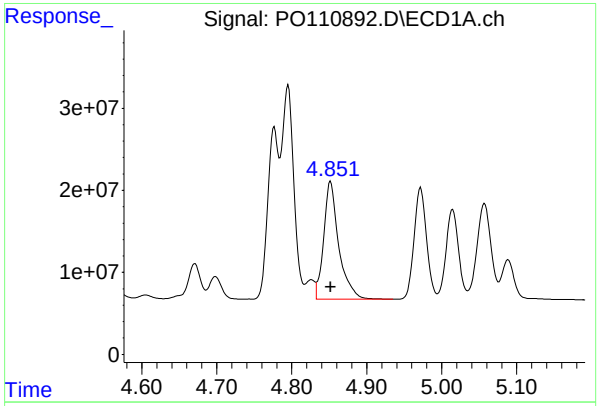
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 293649877
Conc: 971.98 ng/ml



#4 AR-1016-2

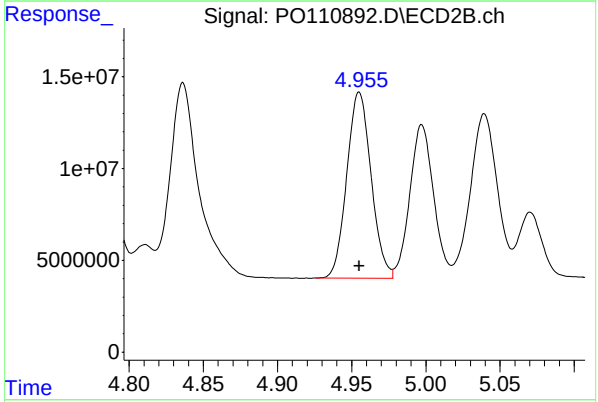
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 219190287
Conc: 975.44 ng/ml



#5 AR-1016-3

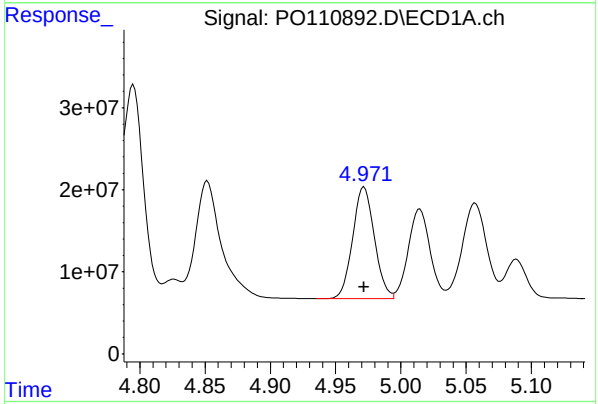
R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 200575527
Conc: 934.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



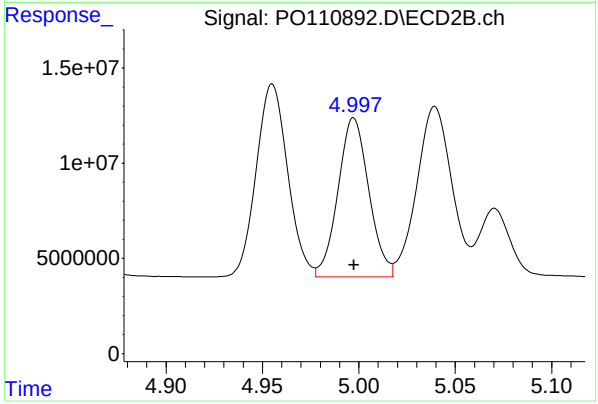
#5 AR-1016-3

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 115546215
Conc: 976.56 ng/ml



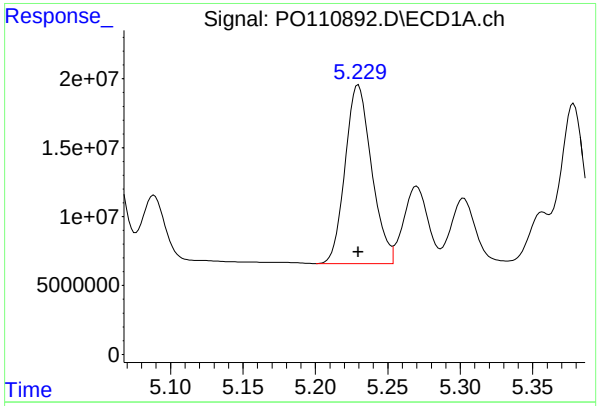
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 157876141
Conc: 975.81 ng/ml



#6 AR-1016-4

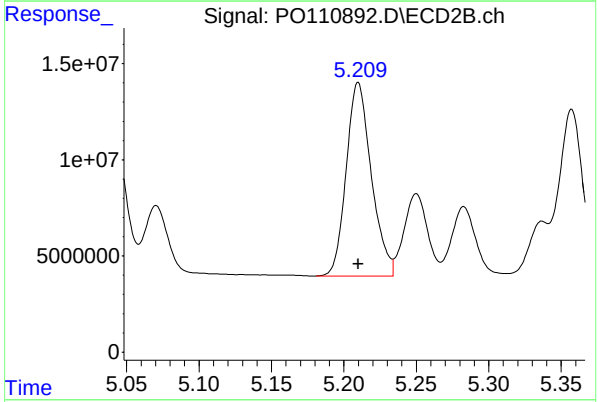
R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 93391182
Conc: 971.88 ng/ml



#7 AR-1016-5

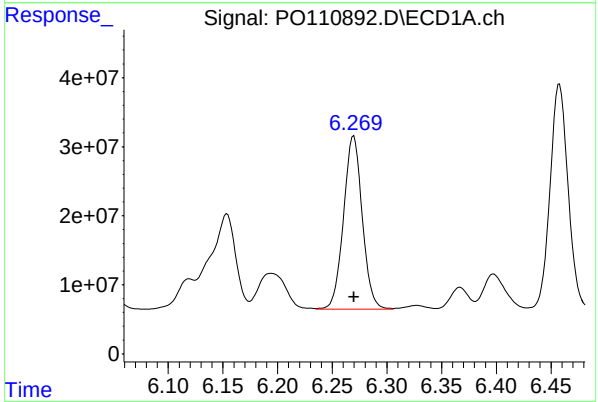
R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 165250516
Conc: 968.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



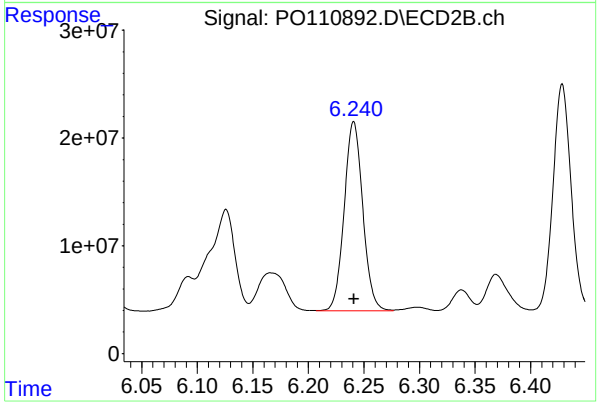
#7 AR-1016-5

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 121423362
Conc: 966.53 ng/ml



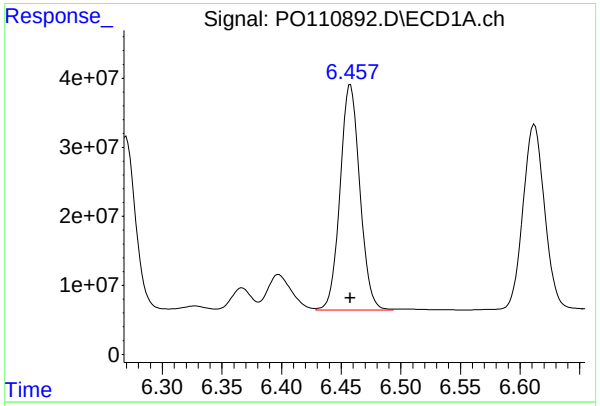
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 299528495
Conc: 911.93 ng/ml



#31 AR-1260-1

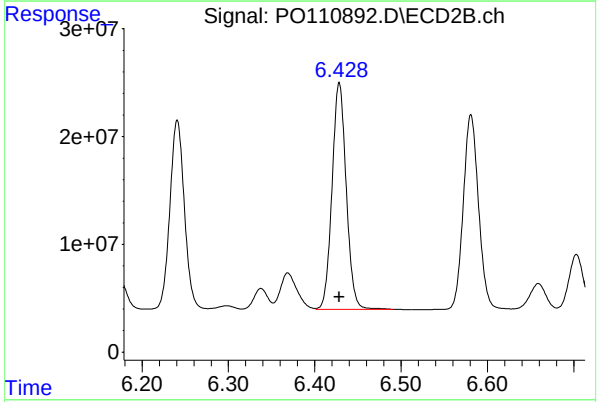
R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 204930694
Conc: 946.93 ng/ml



#32 AR-1260-2

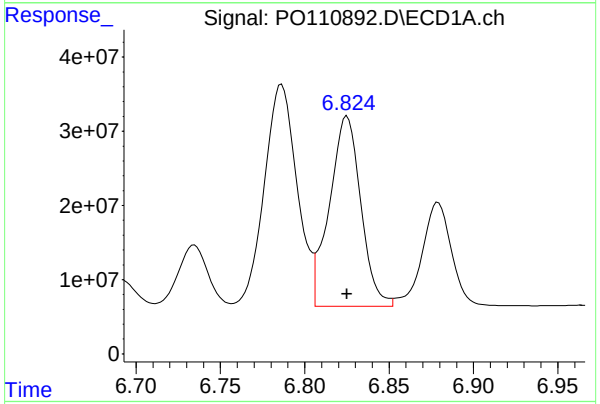
R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 375796209
Conc: 940.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



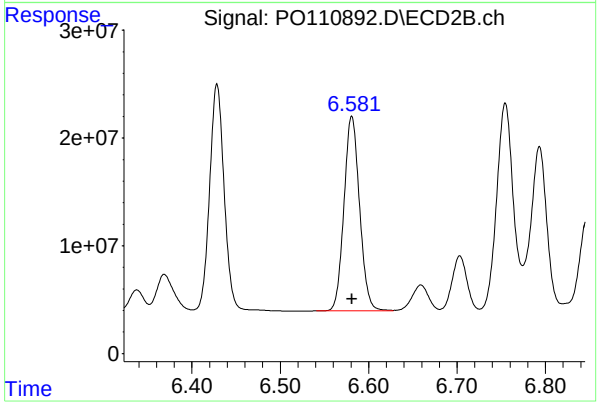
#32 AR-1260-2

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 239681762
Conc: 957.10 ng/ml



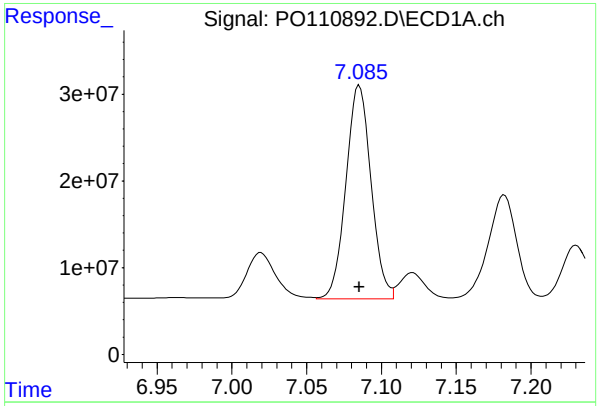
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 331231566
Conc: 974.35 ng/ml



#33 AR-1260-3

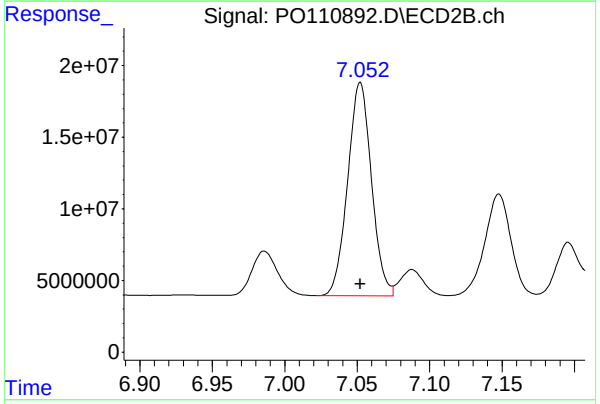
R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 221530151
Conc: 971.66 ng/ml



#34 AR-1260-4

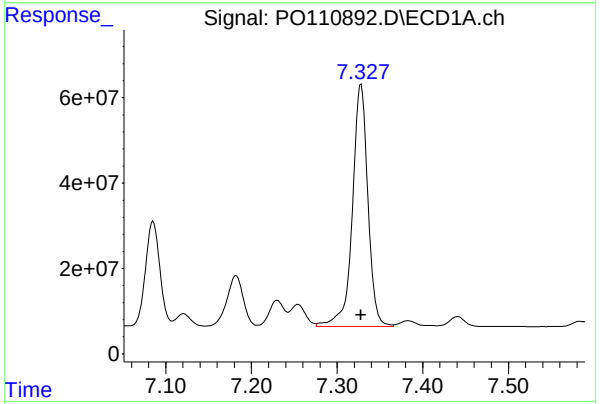
R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 287326179
Conc: 965.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



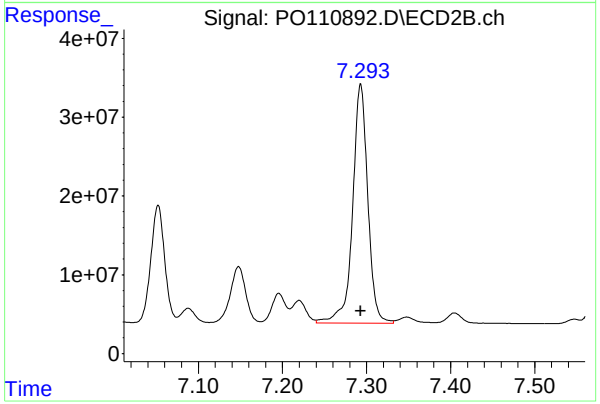
#34 AR-1260-4

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 170273922
Conc: 971.49 ng/ml



#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 714199547
Conc: 983.08 ng/ml



#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 381142655
Conc: 983.24 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 10:04
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: May 02 10:57:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 10:51:58 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...	3.685	3.681	434.5E6	372.0E6	75.572	75.519
2)	SA Decachlor...	8.728	8.677	448.2E6	122.2E6	75.295	75.319
	Target Compounds						
3)	L1 AR-1016-1	4.776	4.761	162.0E6	116.5E6	757.733	751.193
4)	L1 AR-1016-2	4.795	4.780	228.3E6	170.2E6	753.874	754.818
5)	L1 AR-1016-3	4.851	4.955	157.3E6	90156704	738.610	757.943
6)	L1 AR-1016-4	4.971	4.997	123.4E6	73342132	758.463	758.773
7)	L1 AR-1016-5	5.229	5.210	129.6E6	95167362	756.281	755.004
31)	L7 AR-1260-1	6.269	6.240	232.7E6	159.5E6	721.879	741.411
32)	L7 AR-1260-2	6.458	6.428	289.4E6	186.6E6	732.418	746.684
33)	L7 AR-1260-3	6.826	6.580	258.8E6	171.6E6	757.449	751.663
34)	L7 AR-1260-4	7.085	7.051	223.9E6	132.0E6	751.633	752.029
35)	L7 AR-1260-5	7.328	7.293	549.7E6	292.8E6	754.452	753.492

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

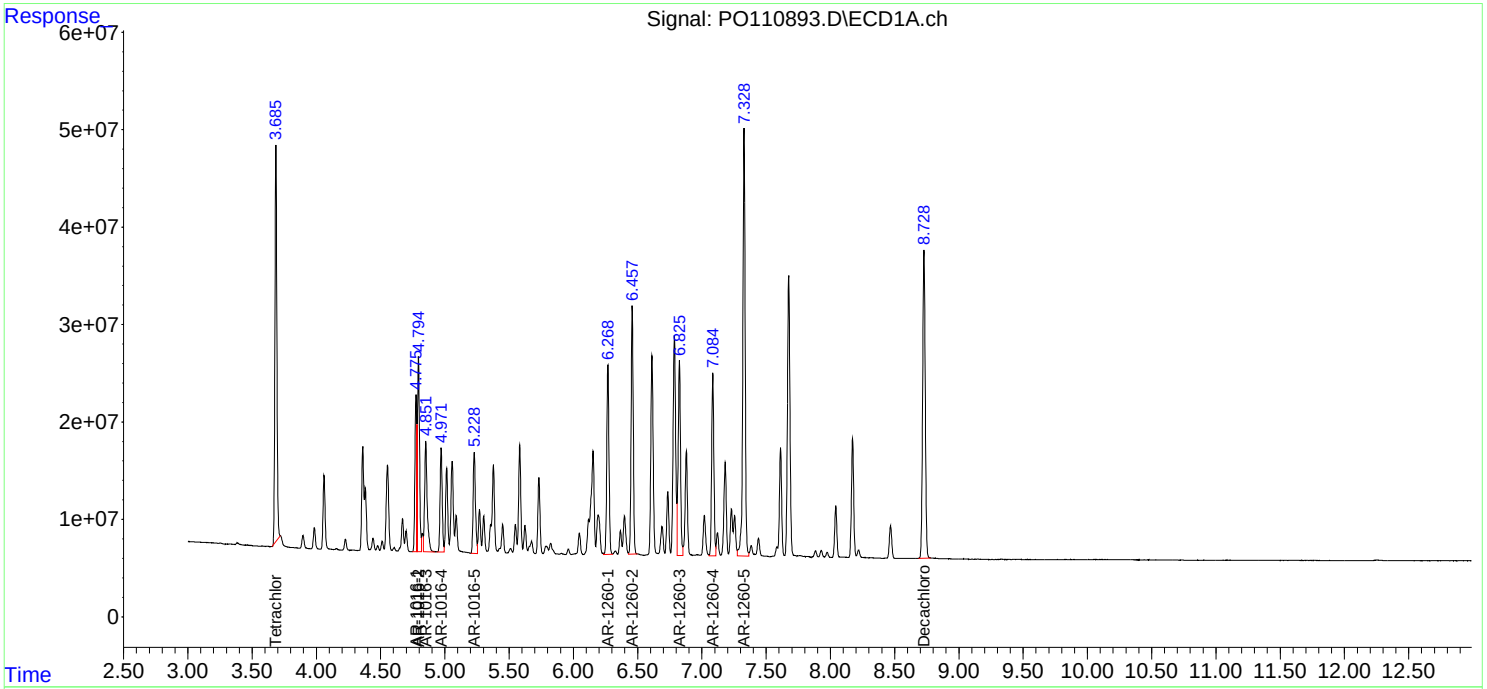
ICAL Form

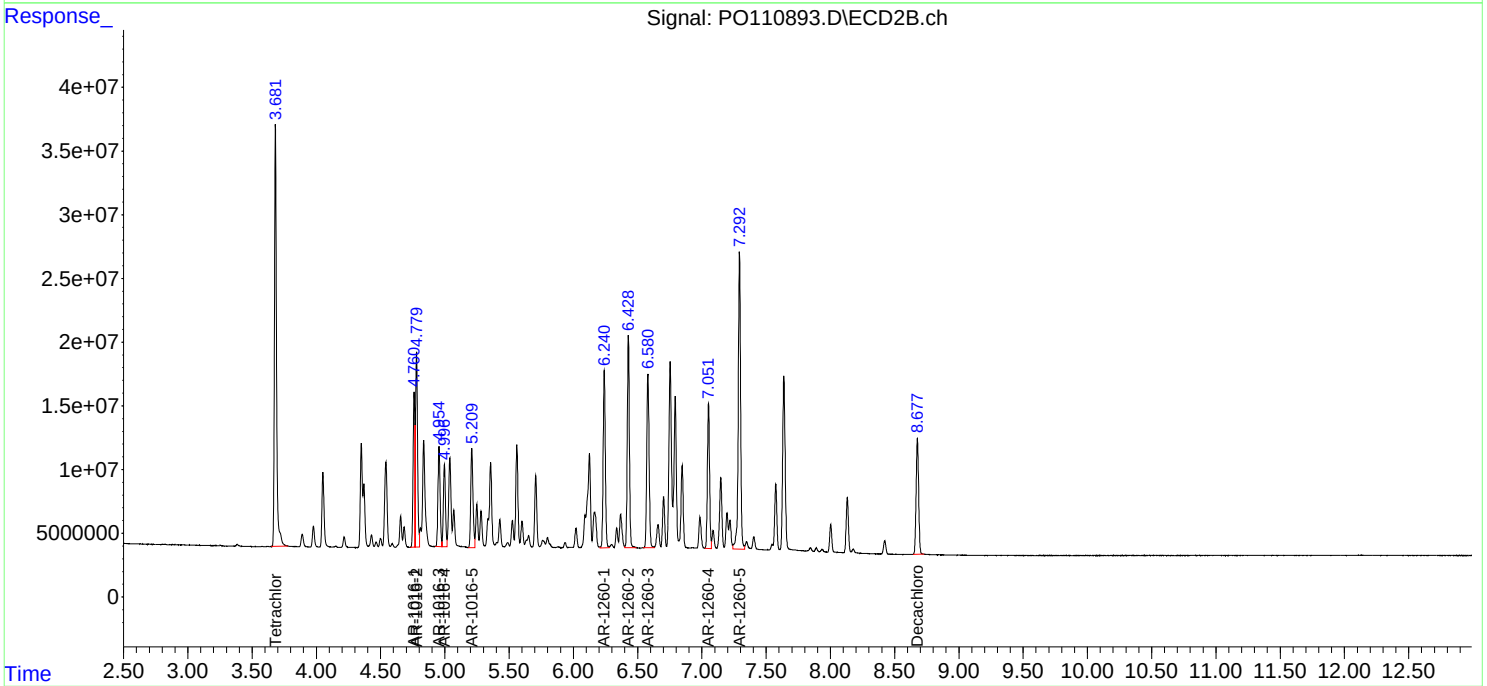
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 10:04
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

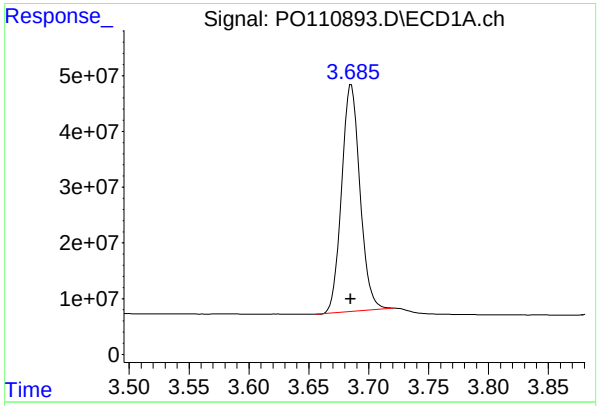
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 10:57:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 10:51:58 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



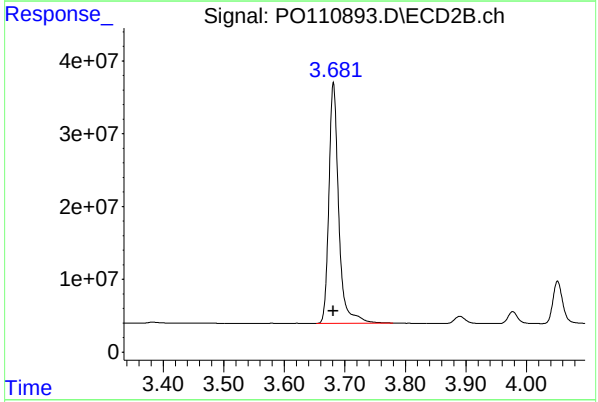




#1 Tetrachloro-m-xylene

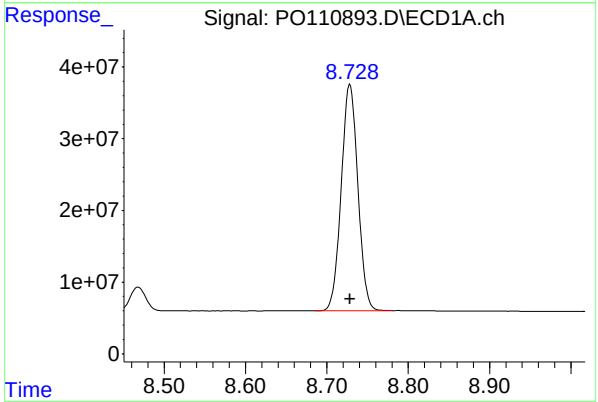
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 434481757
Conc: 75.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



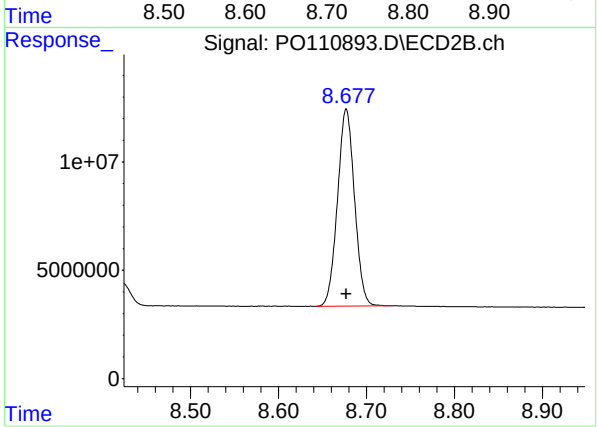
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 371976917
Conc: 75.52 ng/ml



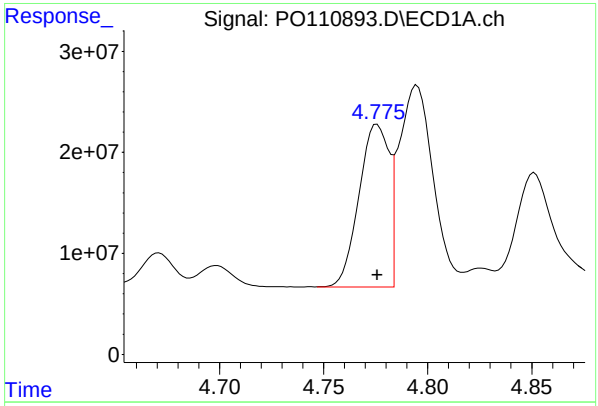
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 448201432
Conc: 75.29 ng/ml



#2 Decachlorobiphenyl

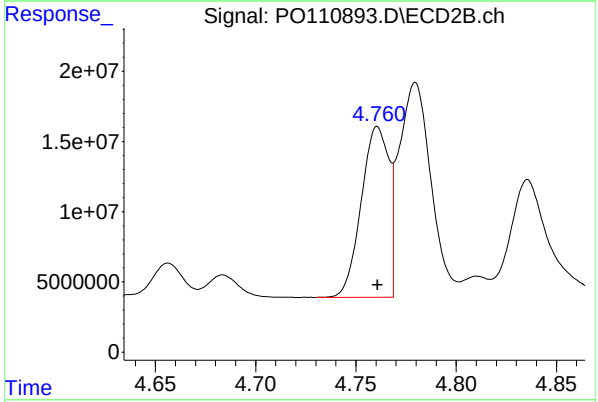
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 122152077
Conc: 75.32 ng/ml



#3 AR-1016-1

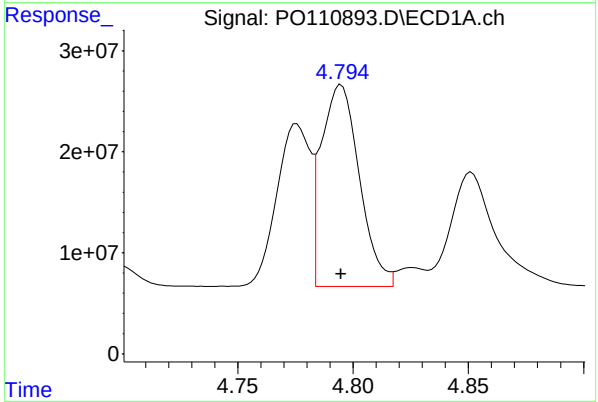
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 161987269
Conc: 757.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



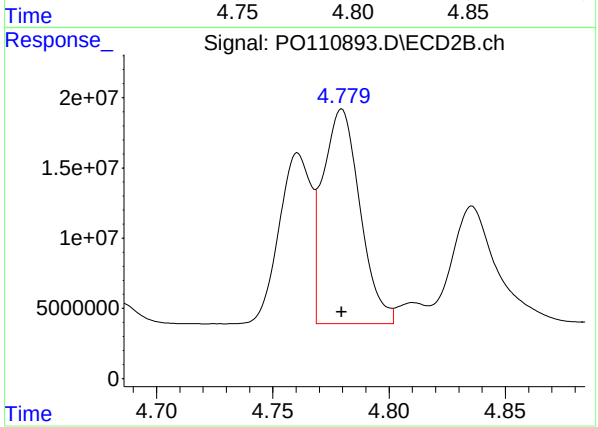
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 116506621
Conc: 751.19 ng/ml



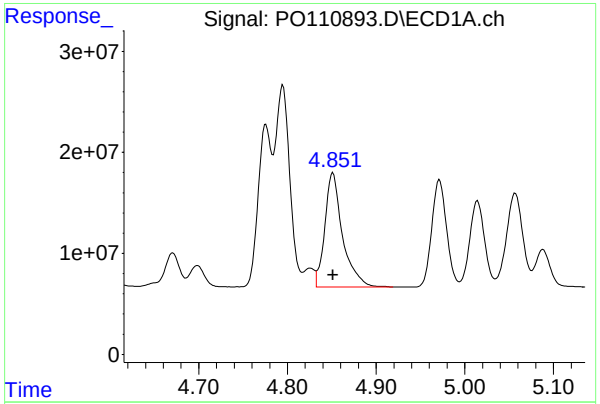
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 228345877
Conc: 753.87 ng/ml



#4 AR-1016-2

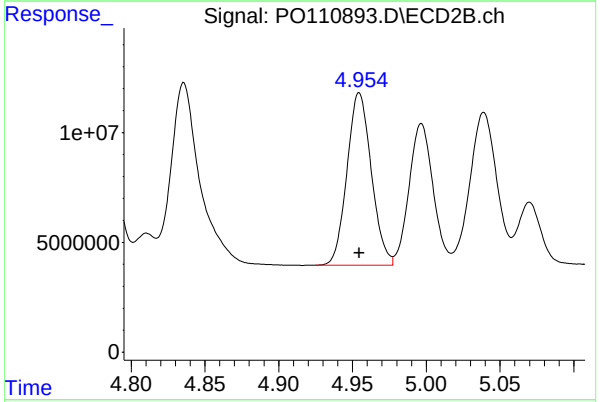
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 170161194
Conc: 754.82 ng/ml



#5 AR-1016-3

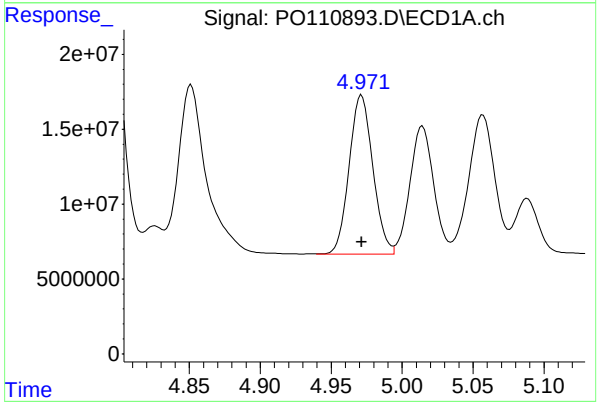
R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 157344140
Conc: 738.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



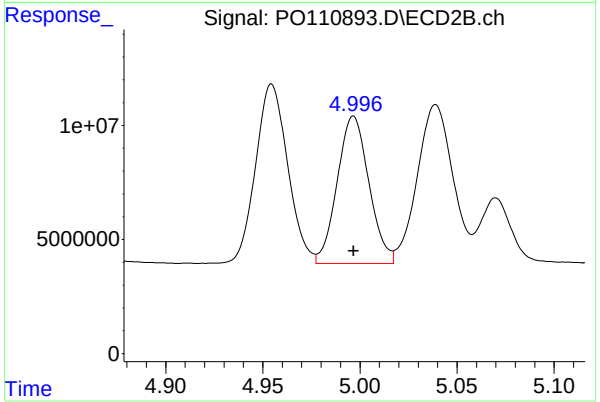
#5 AR-1016-3

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 90156704
Conc: 757.94 ng/ml



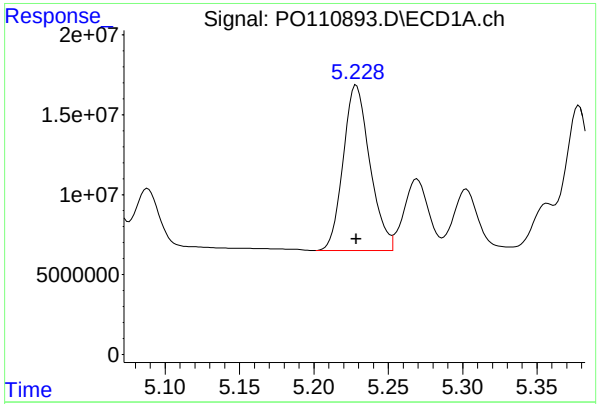
#6 AR-1016-4

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 123407682
Conc: 758.46 ng/ml



#6 AR-1016-4

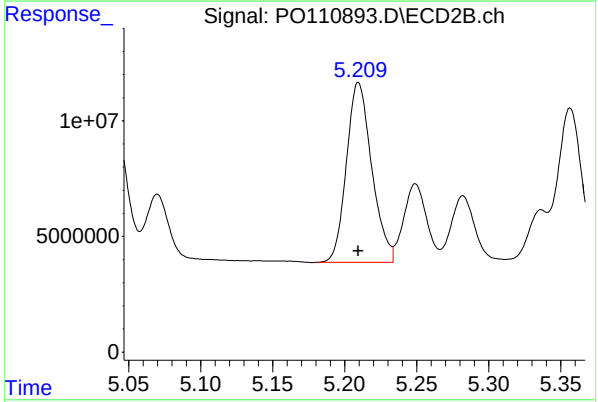
R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 73342132
Conc: 758.77 ng/ml



#7 AR-1016-5

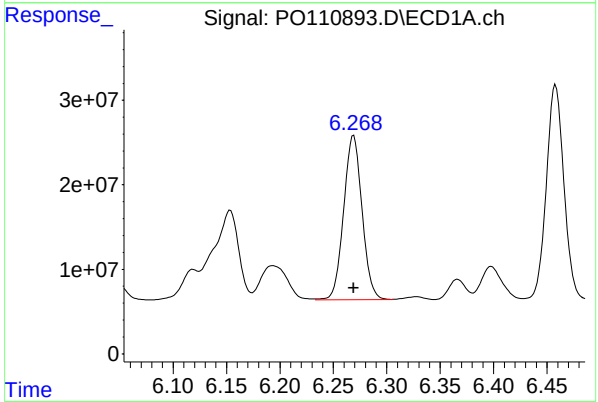
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 129589667
Conc: 756.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



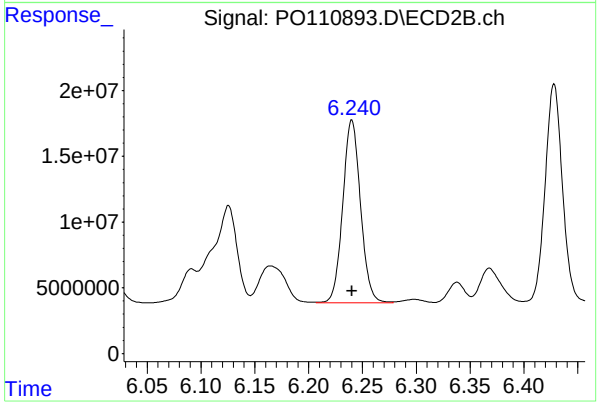
#7 AR-1016-5

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 95167362
Conc: 755.00 ng/ml



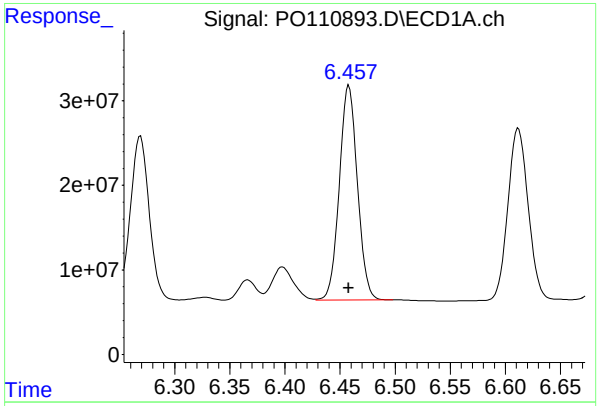
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 232741131
Conc: 721.88 ng/ml



#31 AR-1260-1

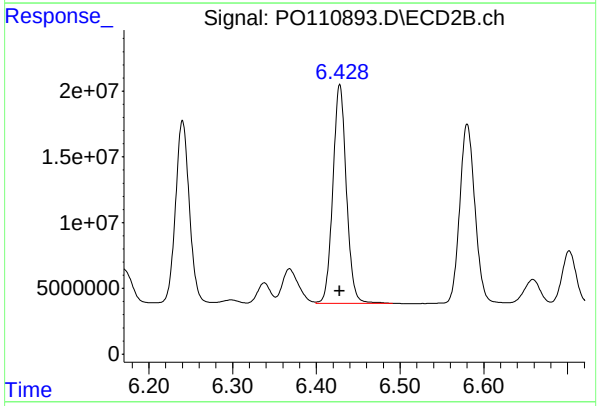
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 159538866
Conc: 741.41 ng/ml



#32 AR-1260-2

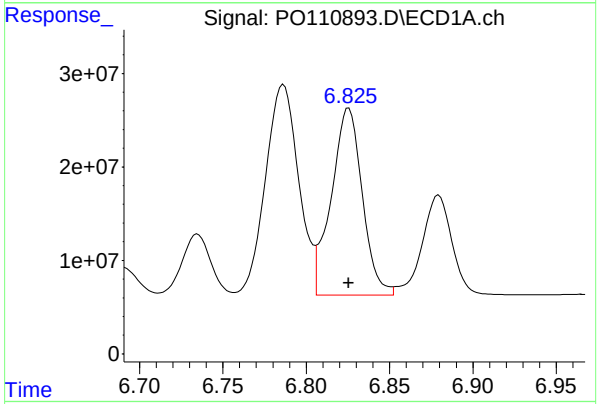
R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 289395526
Conc: 732.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



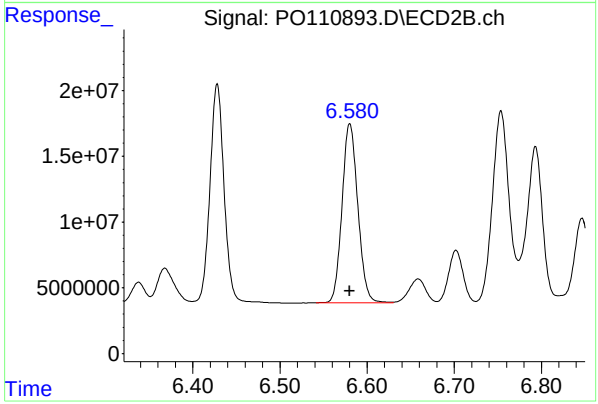
#32 AR-1260-2

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 186575247
Conc: 746.68 ng/ml



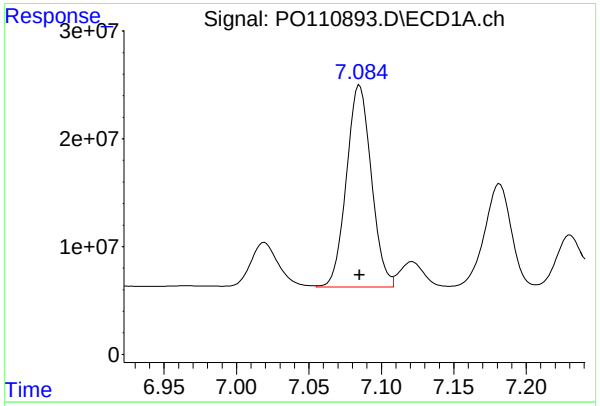
#33 AR-1260-3

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 258781835
Conc: 757.45 ng/ml



#33 AR-1260-3

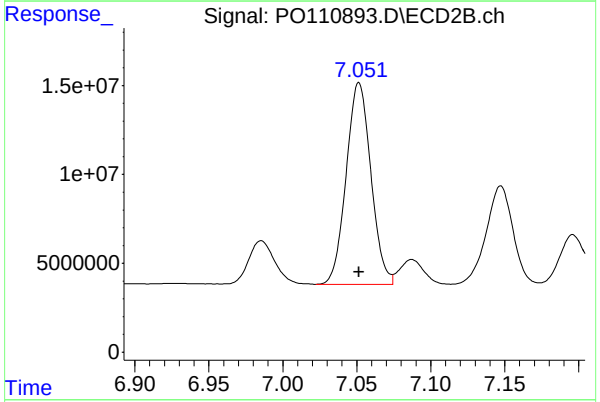
R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 171563326
Conc: 751.66 ng/ml



#34 AR-1260-4

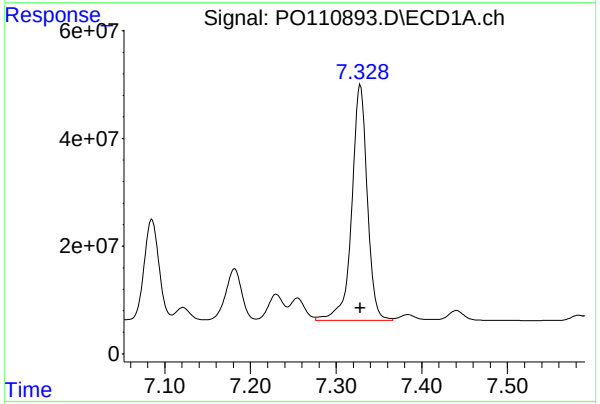
R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 223894572
Conc: 751.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



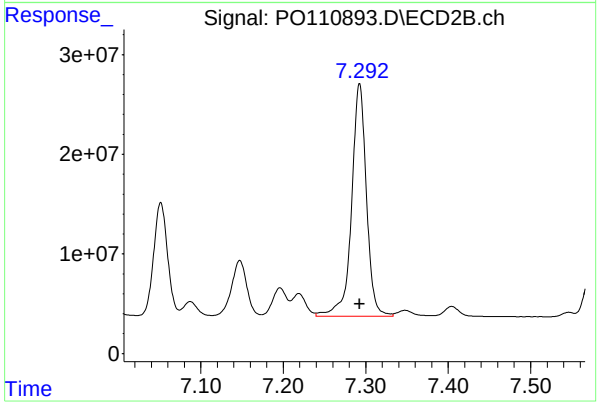
#34 AR-1260-4

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 131986823
Conc: 752.03 ng/ml



#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 549735947
Conc: 754.45 ng/ml



#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 292765216
Conc: 753.49 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 10:21
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: May 02 10:52:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 10:51:58 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...	3.683	3.680	290.7E6	247.2E6	50.000	50.000
2) SA	Decachlor...	8.725	8.676	306.0E6	83533915	50.000	50.000
	Target Compounds						
3) L1	AR-1016-1	4.773	4.760	110.0E6	80039630	500.000	500.000
4) L1	AR-1016-2	4.792	4.779	155.3E6	115.1E6	500.000	500.000
5) L1	AR-1016-3	4.848	4.954	114.4E6	60546293	500.000	500.000
6) L1	AR-1016-4	4.968	4.996	82851503	49397949	500.000	500.000
7) L1	AR-1016-5	5.225	5.209	88008307	64916584	500.000	500.000
31) L7	AR-1260-1	6.265	6.239	178.7E6	113.9E6	500.000	500.000
32) L7	AR-1260-2	6.455	6.427	211.9E6	130.6E6	500.000	500.000
33) L7	AR-1260-3	6.822	6.580	174.3E6	117.2E6	500.000	500.000
34) L7	AR-1260-4	7.082	7.050	153.9E6	90133353	500.000	500.000
35) L7	AR-1260-5	7.325	7.292	369.4E6	197.1E6	500.000	500.000

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

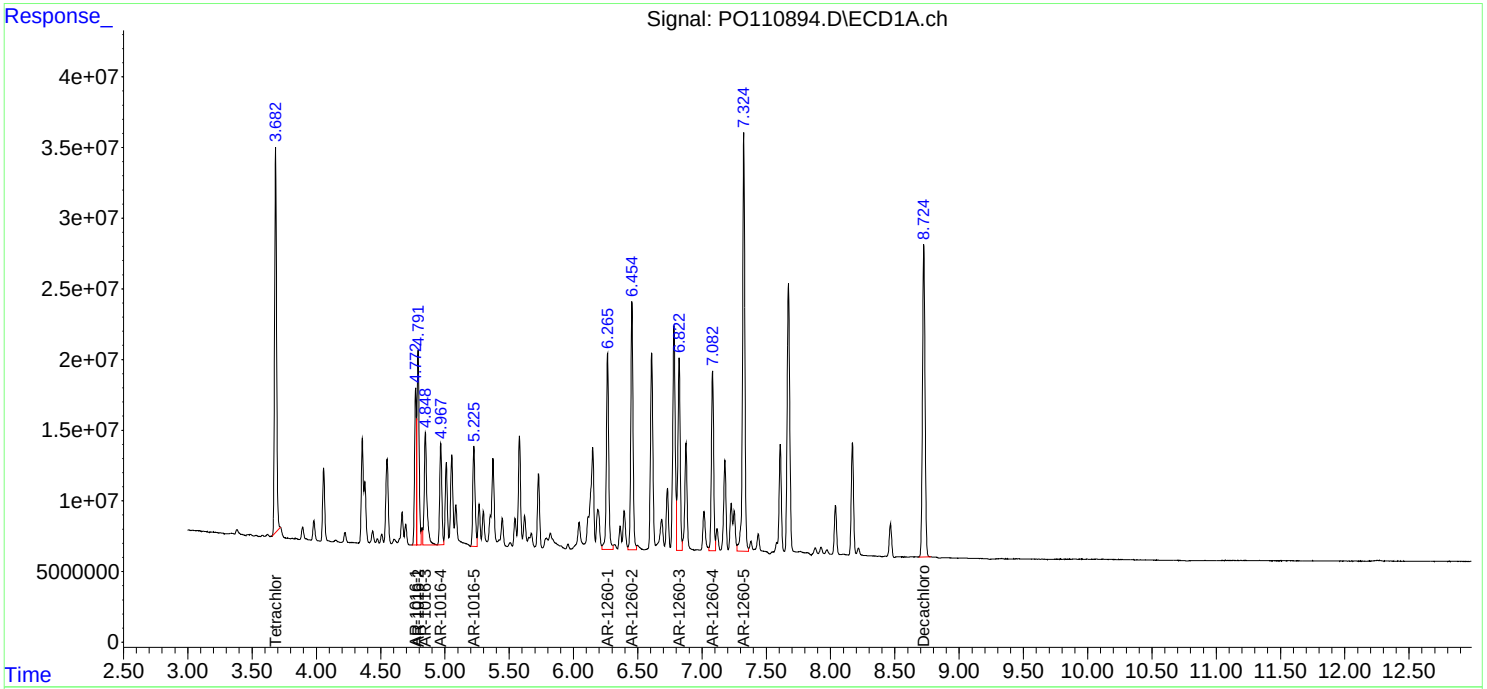
ICAL Form

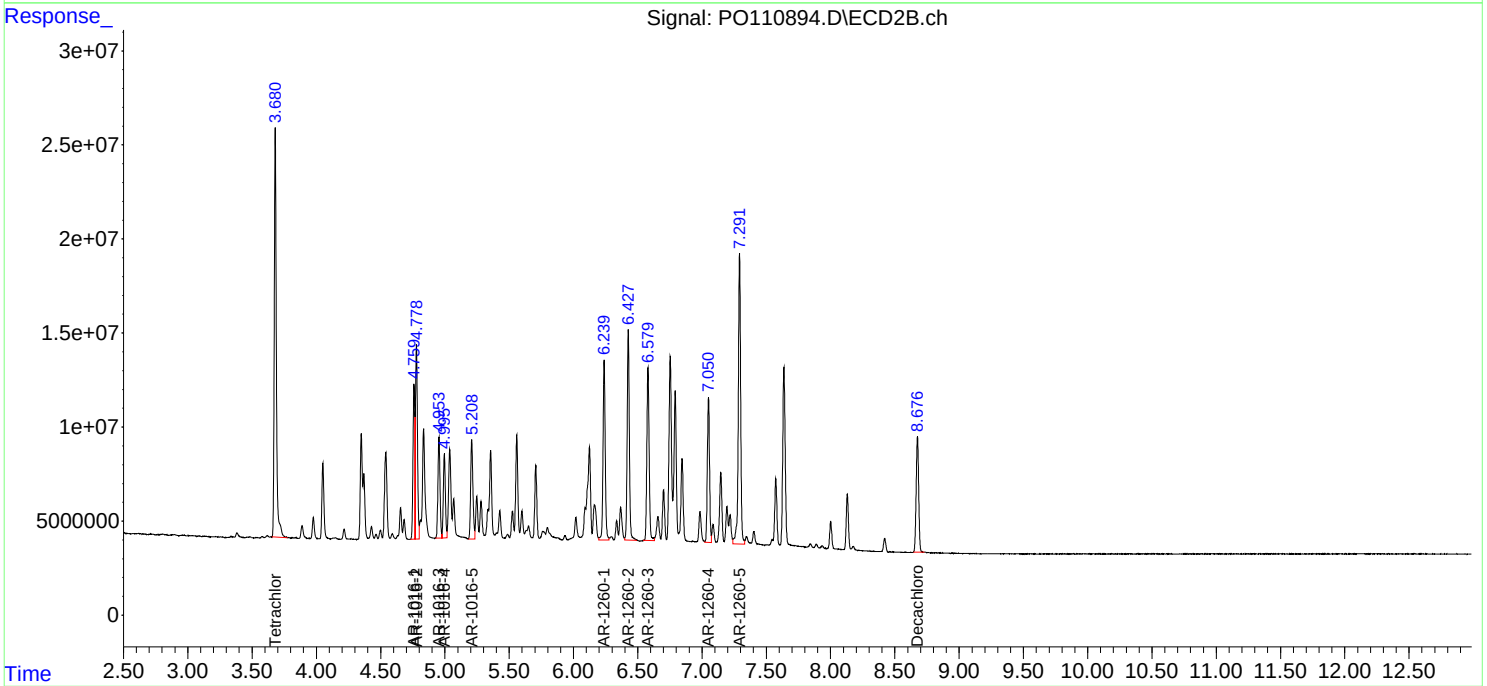
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 10:21
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

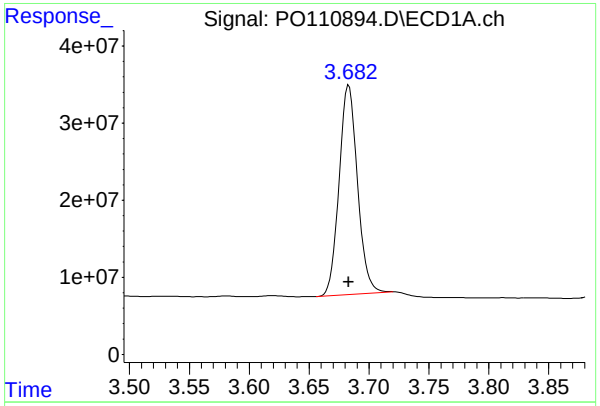
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 10:52:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 10:51:58 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



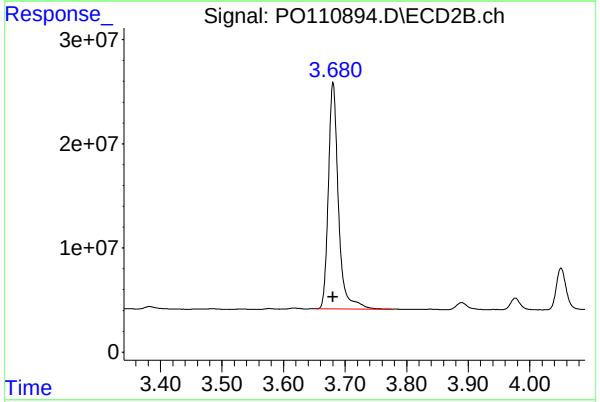




#1 Tetrachloro-m-xylene

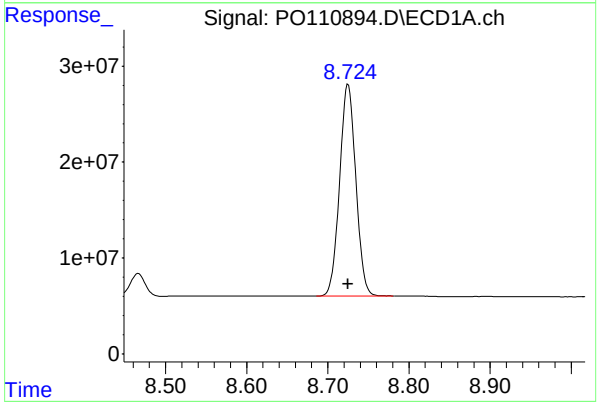
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 290702474
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



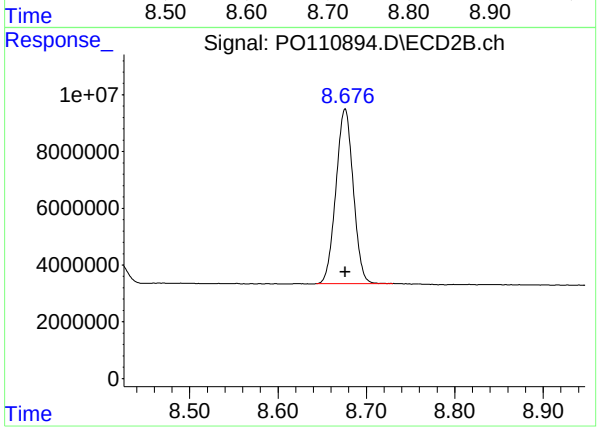
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 247186500
Conc: 50.00 ng/ml



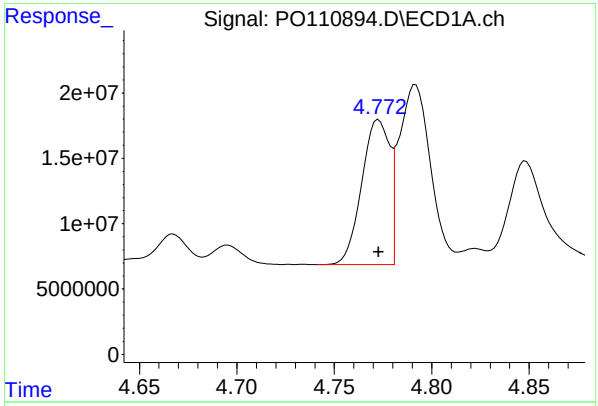
#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 305990986
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

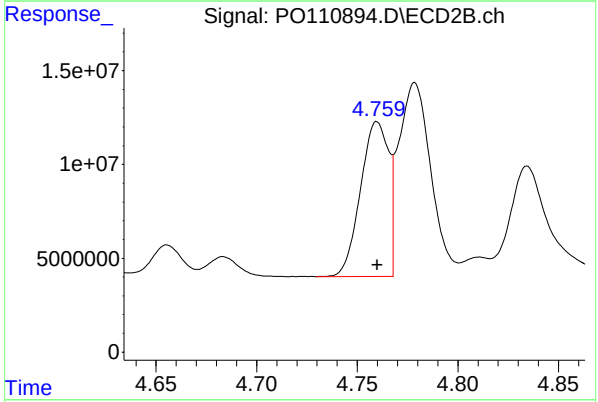
R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 83533915
Conc: 50.00 ng/ml



#3 AR-1016-1

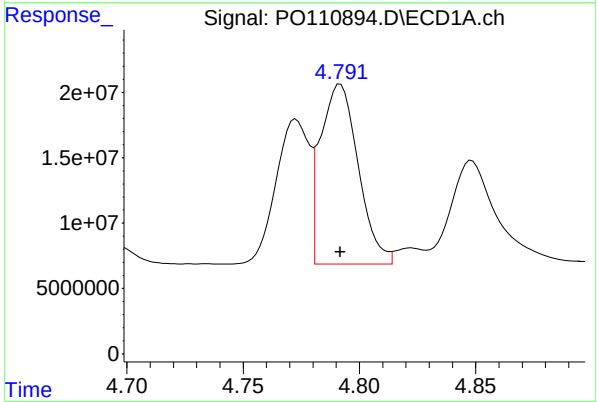
R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 110040414
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



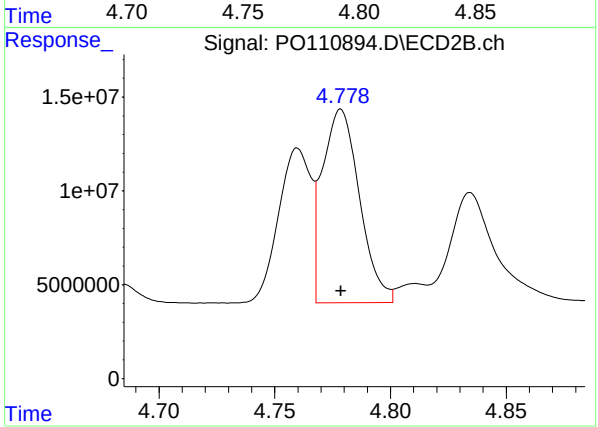
#3 AR-1016-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 80039630
Conc: 500.00 ng/ml



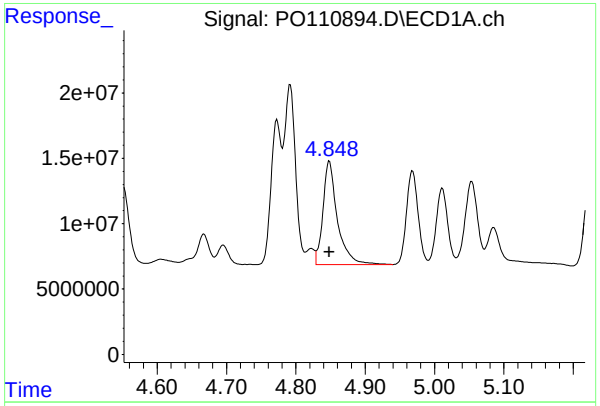
#4 AR-1016-2

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 155289301
Conc: 500.00 ng/ml



#4 AR-1016-2

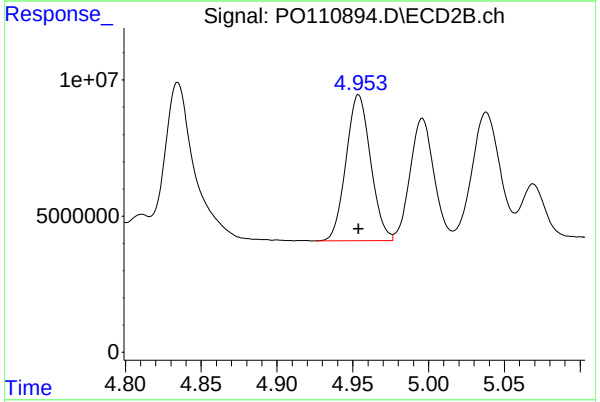
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 115114006
Conc: 500.00 ng/ml



#5 AR-1016-3

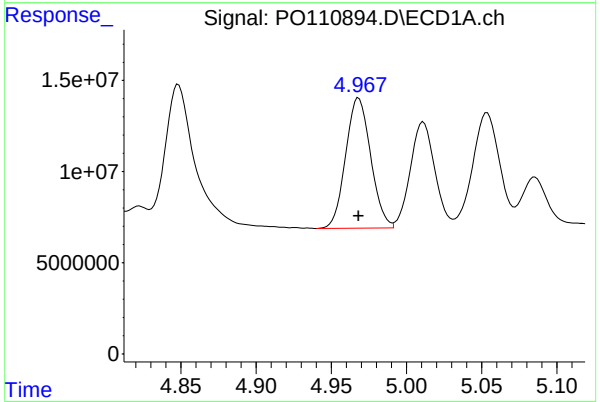
R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 114357359
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



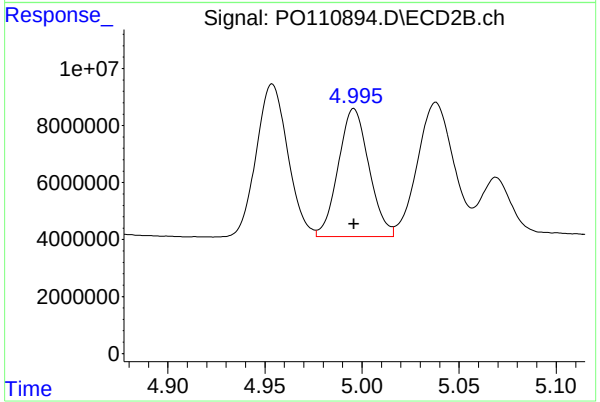
#5 AR-1016-3

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 60546293
Conc: 500.00 ng/ml



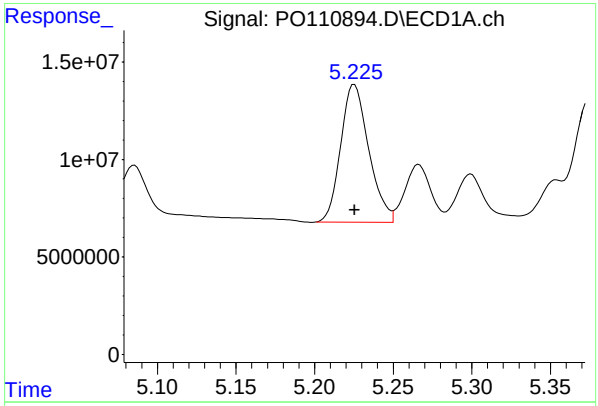
#6 AR-1016-4

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 82851503
Conc: 500.00 ng/ml



#6 AR-1016-4

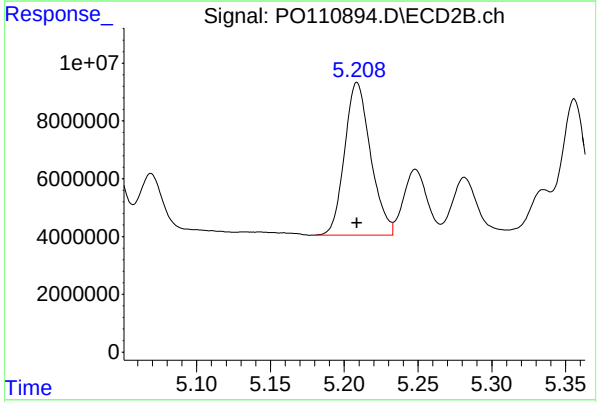
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 49397949
Conc: 500.00 ng/ml



#7 AR-1016-5

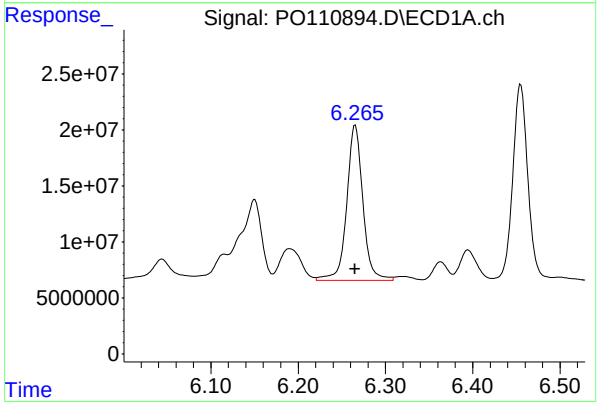
R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 88008307
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



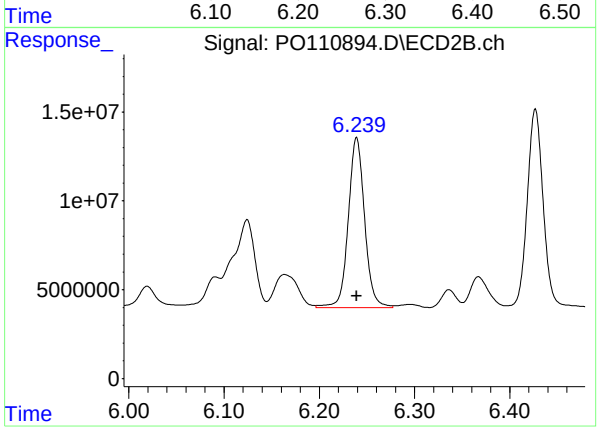
#7 AR-1016-5

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 64916584
Conc: 500.00 ng/ml



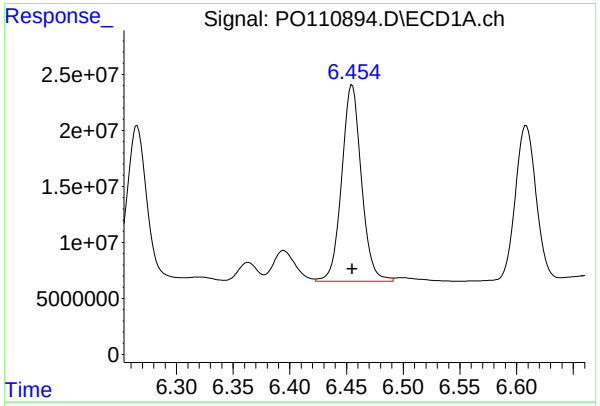
#31 AR-1260-1

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 178690485
Conc: 500.00 ng/ml



#31 AR-1260-1

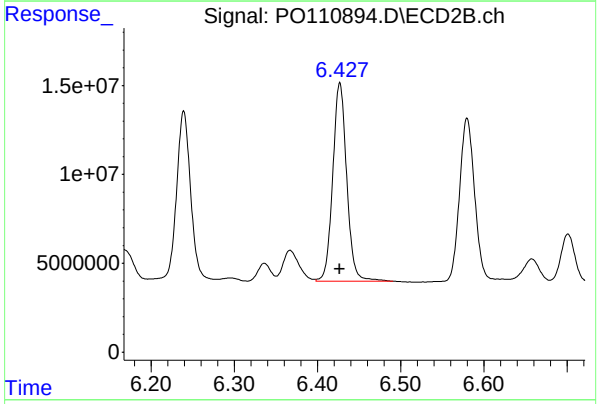
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 113949595
Conc: 500.00 ng/ml



#32 AR-1260-2

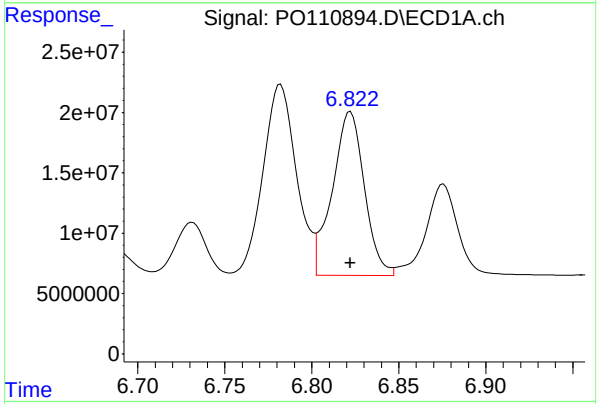
R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 211856918
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



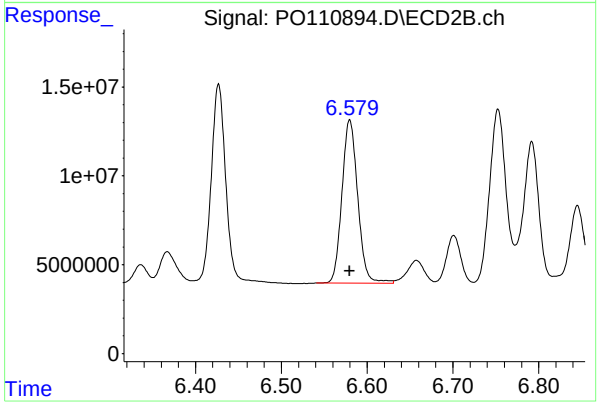
#32 AR-1260-2

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 130583256
Conc: 500.00 ng/ml



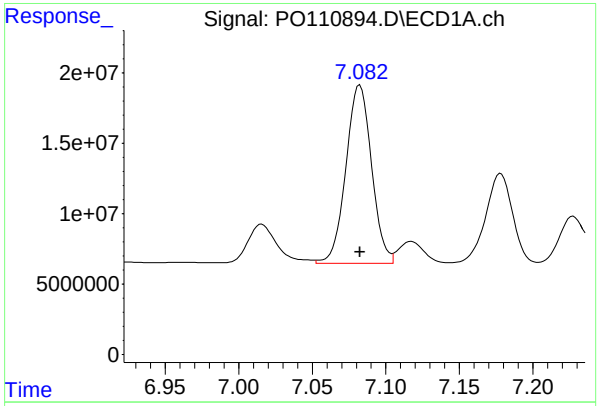
#33 AR-1260-3

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 174336838
Conc: 500.00 ng/ml



#33 AR-1260-3

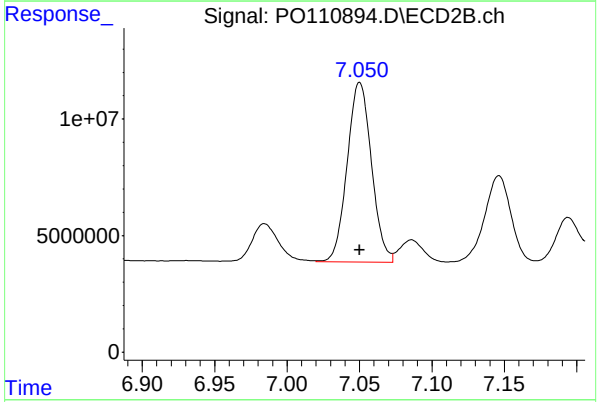
R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 117226891
Conc: 500.00 ng/ml



#34 AR-1260-4

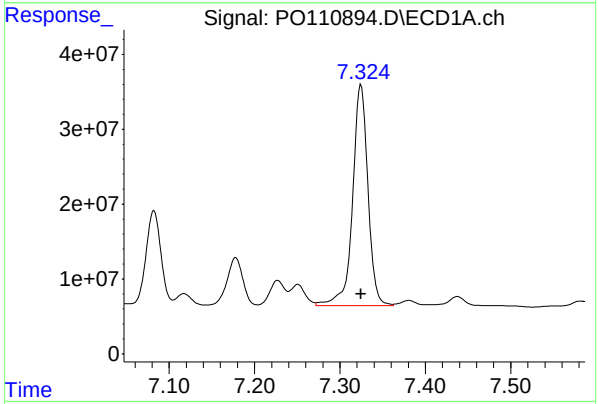
R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 153890346
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



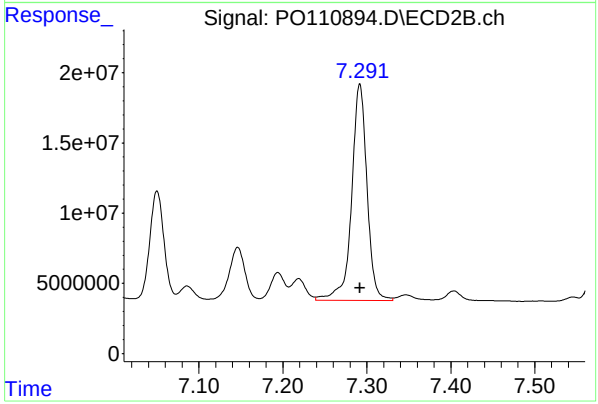
#34 AR-1260-4

R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 90133353
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 369393274
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 197068910
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 10:39
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 11:00:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 10:51:58 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...	3.686	3.681	149.5E6	126.3E6	25.744	25.484
2) SA	Decachlor...	8.729	8.678	163.4E6	45501076	26.792	27.224
	Target Compounds						
3) L1	AR-1016-1	4.776	4.761	58989772	42327978	268.962	266.802
4) L1	AR-1016-2	4.795	4.779	83243290	60769650	268.167	264.394
5) L1	AR-1016-3	4.852	4.955	57167513	32380640	263.520	266.304
6) L1	AR-1016-4	4.972	4.997	45119055	27285455	269.932	273.457
7) L1	AR-1016-5	5.229	5.210	46993259	34705806	267.758	268.533
31) L7	AR-1260-1	6.269	6.241	86249959	57924014	262.911	264.118
32) L7	AR-1260-2	6.458	6.428	108.2E6	67925156	267.448	266.030
33) L7	AR-1260-3	6.826	6.581	95186843	61005167	270.861	262.739
34) L7	AR-1260-4	7.085	7.052	81673543	48096671	267.710	267.609
35) L7	AR-1260-5	7.328	7.293	192.5E6	103.4E6	260.491	261.890

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

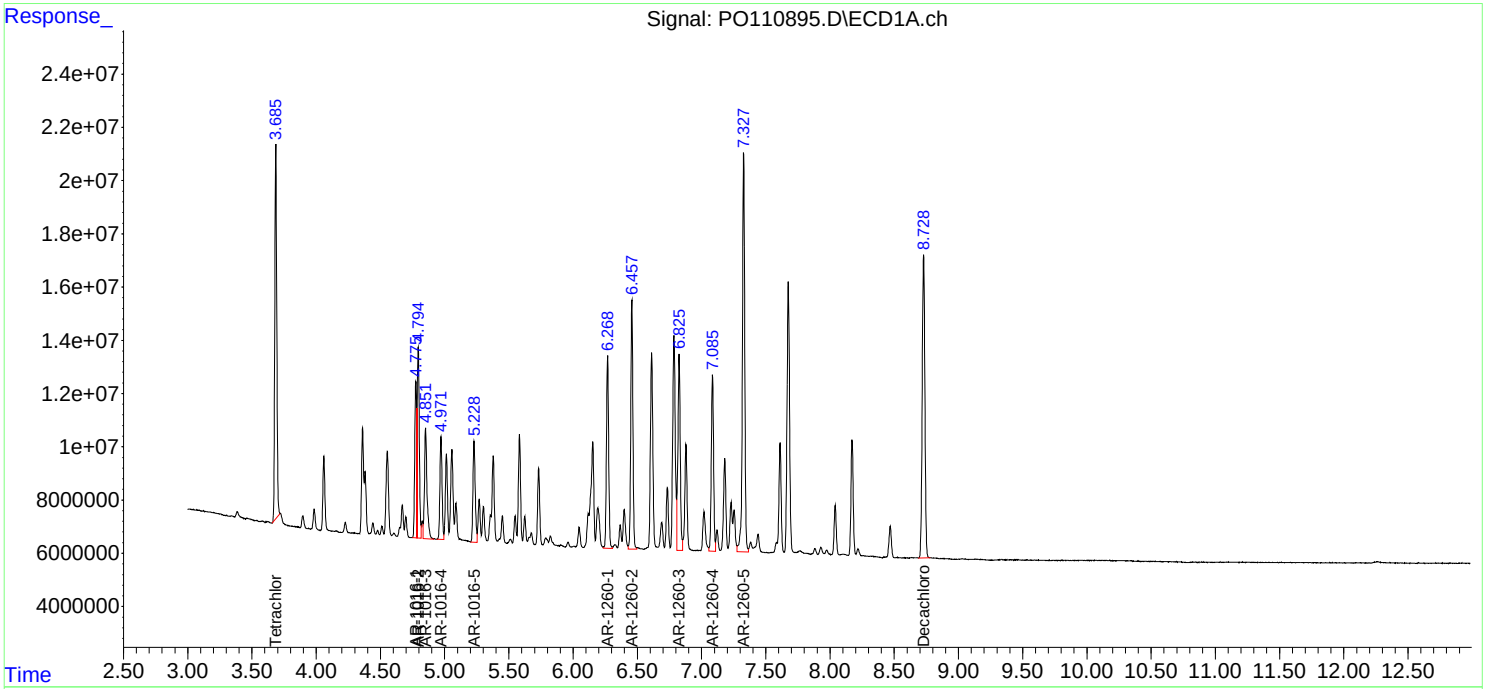
ICAL Form

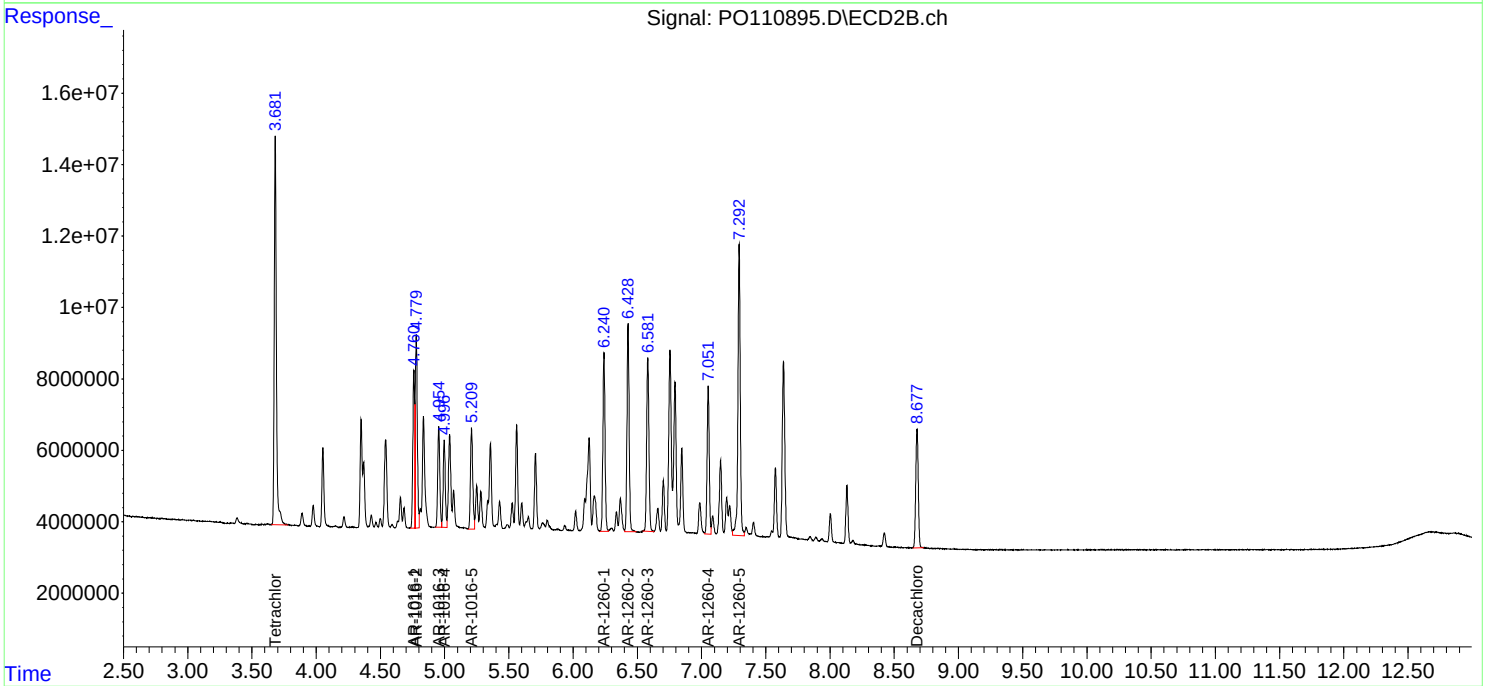
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 10:39
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

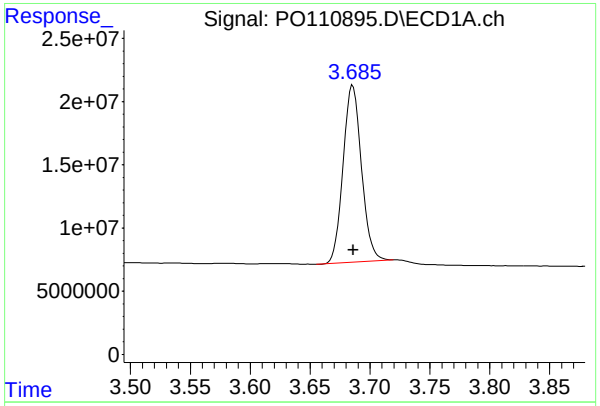
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 11:00:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 10:51:58 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



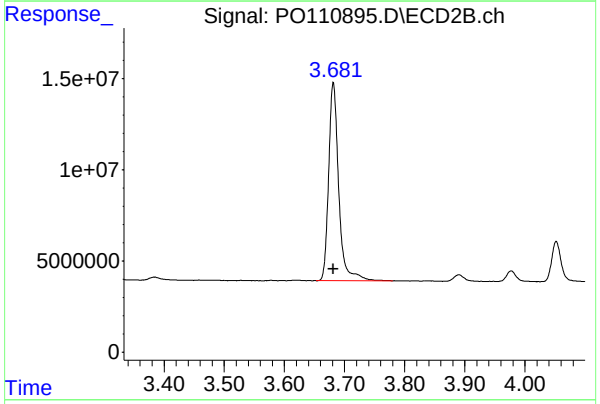




#1 Tetrachloro-m-xylene

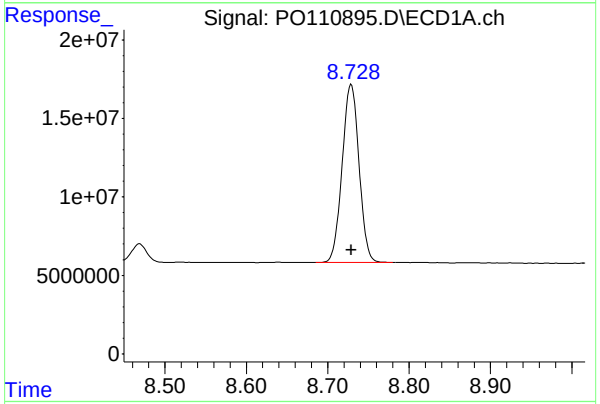
R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 149490429
Conc: 25.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



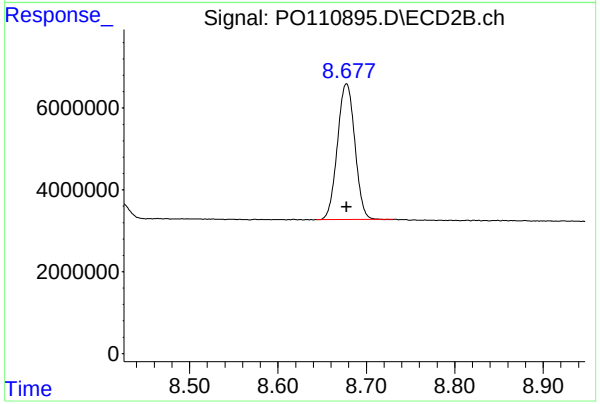
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 126339186
Conc: 25.48 ng/ml



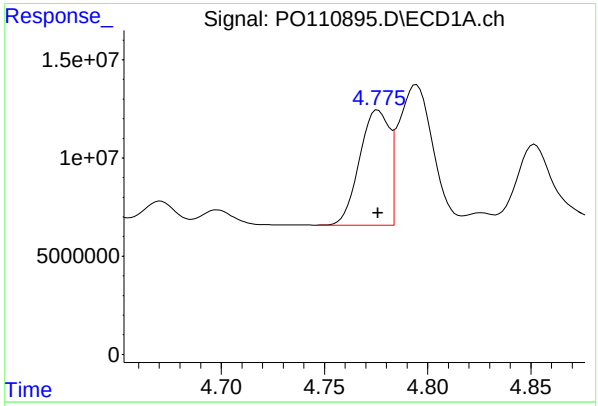
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 163383916
Conc: 26.79 ng/ml



#2 Decachlorobiphenyl

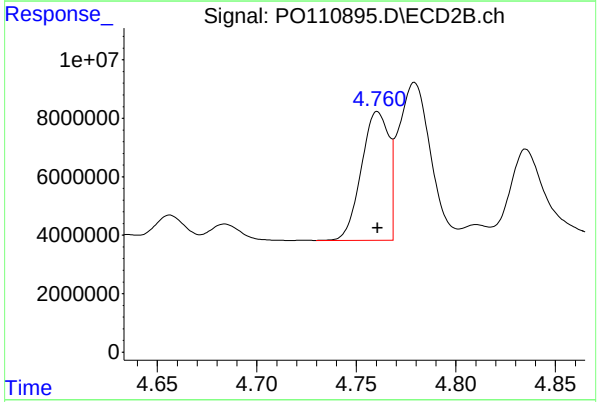
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 45501076
Conc: 27.22 ng/ml



#3 AR-1016-1

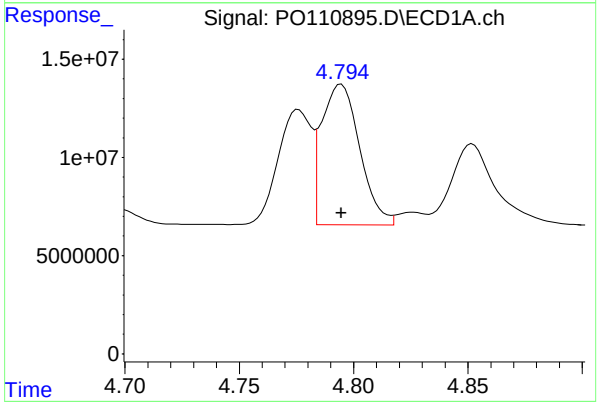
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 58989772
Conc: 268.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



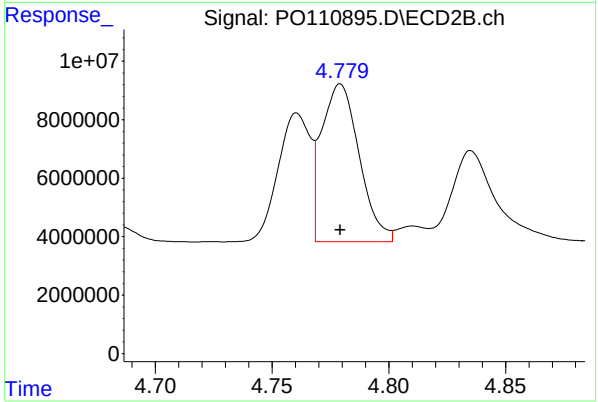
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 42327978
Conc: 266.80 ng/ml



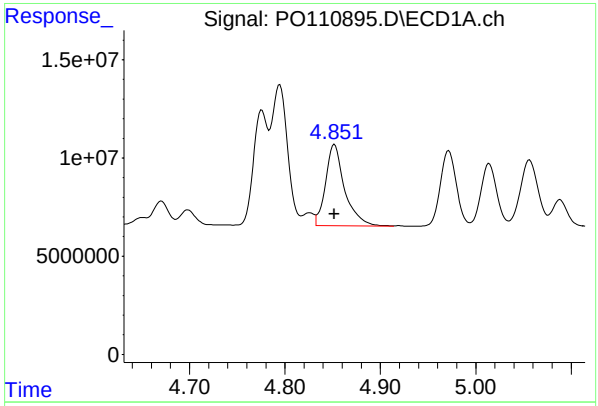
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 83243290
Conc: 268.17 ng/ml



#4 AR-1016-2

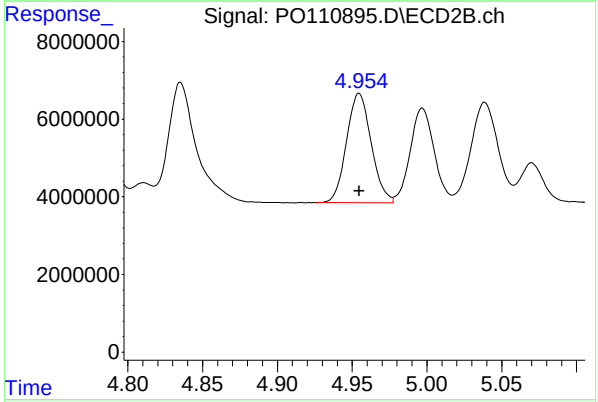
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 60769650
Conc: 264.39 ng/ml



#5 AR-1016-3

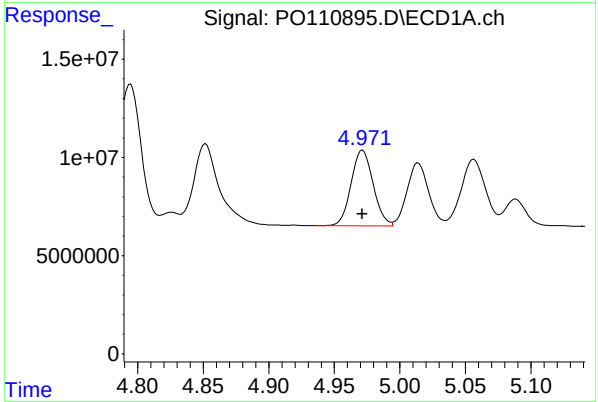
R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 57167513
Conc: 263.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



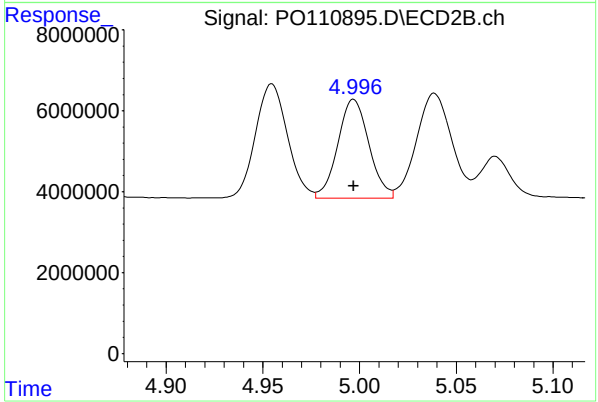
#5 AR-1016-3

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 32380640
Conc: 266.30 ng/ml



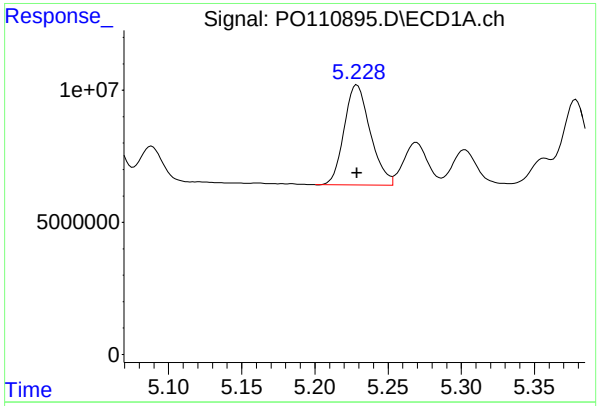
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 45119055
Conc: 269.93 ng/ml



#6 AR-1016-4

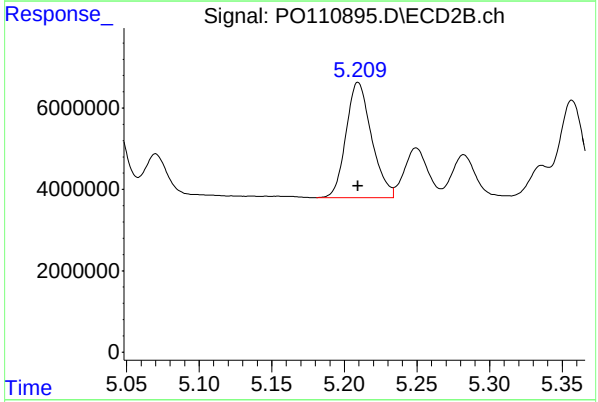
R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 27285455
Conc: 273.46 ng/ml



#7 AR-1016-5

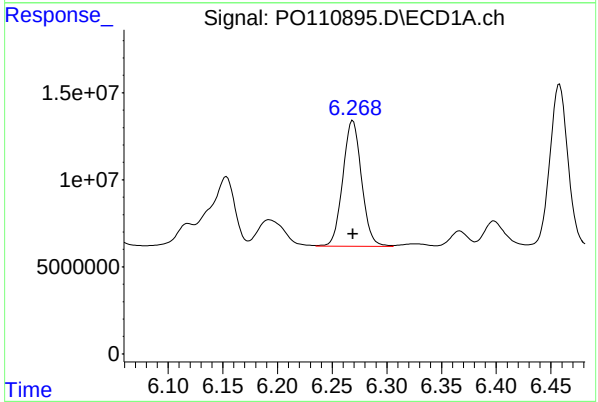
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 46993259
Conc: 267.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



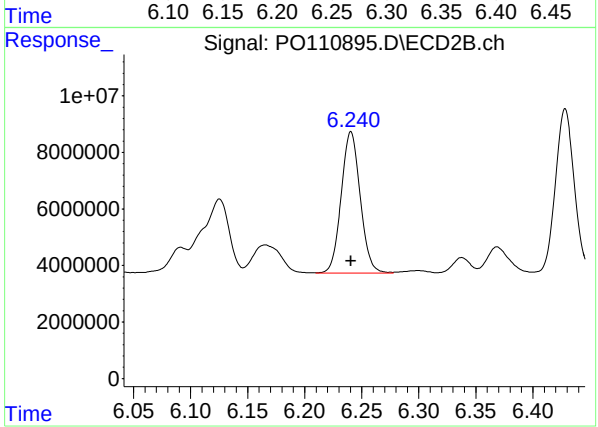
#7 AR-1016-5

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 34705806
Conc: 268.53 ng/ml



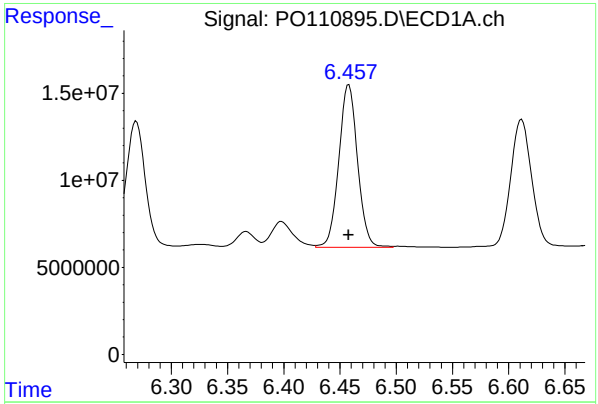
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 86249959
Conc: 262.91 ng/ml



#31 AR-1260-1

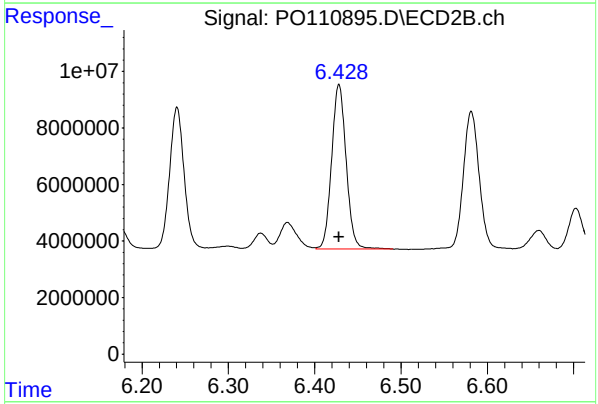
R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 57924014
Conc: 264.12 ng/ml



#32 AR-1260-2

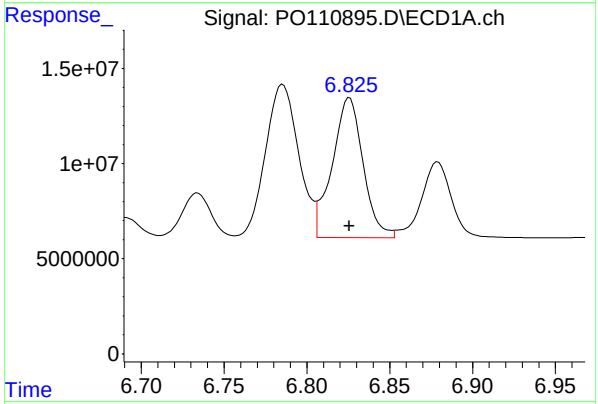
R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 108192219
Conc: 267.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



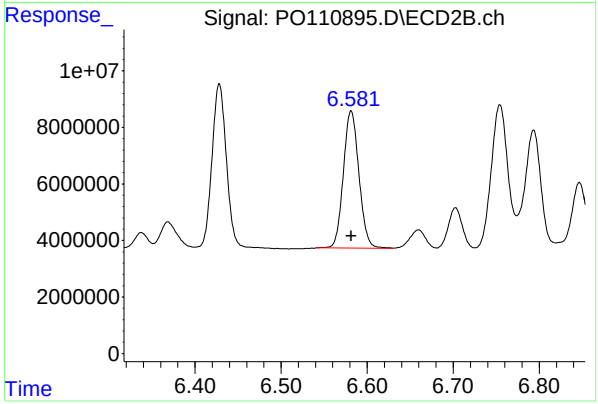
#32 AR-1260-2

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 67925156
Conc: 266.03 ng/ml



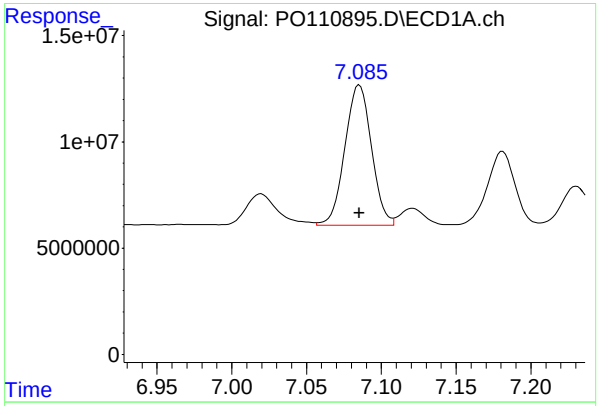
#33 AR-1260-3

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 95186843
Conc: 270.86 ng/ml



#33 AR-1260-3

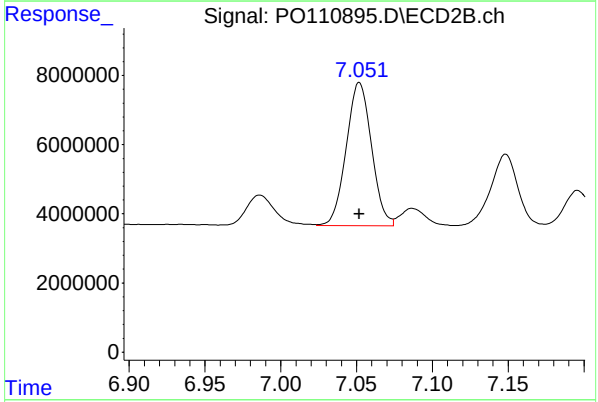
R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 61005167
Conc: 262.74 ng/ml



#34 AR-1260-4

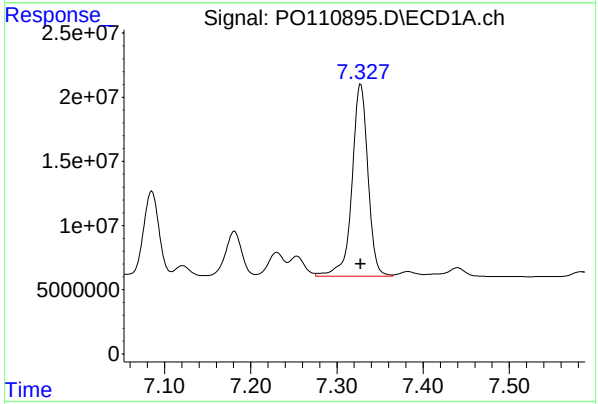
R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 81673543
Conc: 267.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



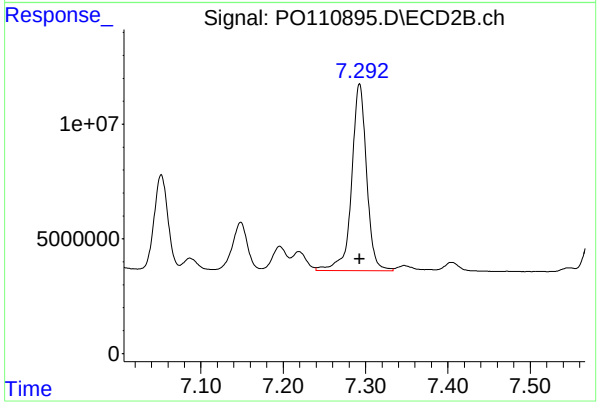
#34 AR-1260-4

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 48096671
Conc: 267.61 ng/ml



#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 192501143
Conc: 260.49 ng/ml



#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 103395003
Conc: 261.89 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 10:58
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 11:08:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 11:07:59 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...	3.684	3.680	26883728	21925192	4.699	4.527
2) SA	Decachlor...	8.727	8.675	30595416	8754325	5.014	5.189
	Target Compounds						
3) L1	AR-1016-1	4.775	4.759	11388788	7989426	51.530	50.287
4) L1	AR-1016-2	4.794	4.779	15459866	11172957	49.843	48.883
5) L1	AR-1016-3	4.850	4.954	13787898	6165528	60.288	50.564
6) L1	AR-1016-4	4.970	4.996	8368253	5234330	50.052	51.948
7) L1	AR-1016-5	5.228	5.208	9420873	7002191	52.900	53.288
31) L7	AR-1260-1	6.267	6.239	17544248	11330106	52.745	51.321
32) L7	AR-1260-2	6.456	6.427	22796239	13241314	54.955	51.477
33) L7	AR-1260-3	6.823	6.579	17781776	11848147	50.478	50.819
34) L7	AR-1260-4	7.083	7.049	15042707	9578461	49.444	52.691m
35) L7	AR-1260-5	7.326	7.291	35797963	19337697	48.745	49.439m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 10:58
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

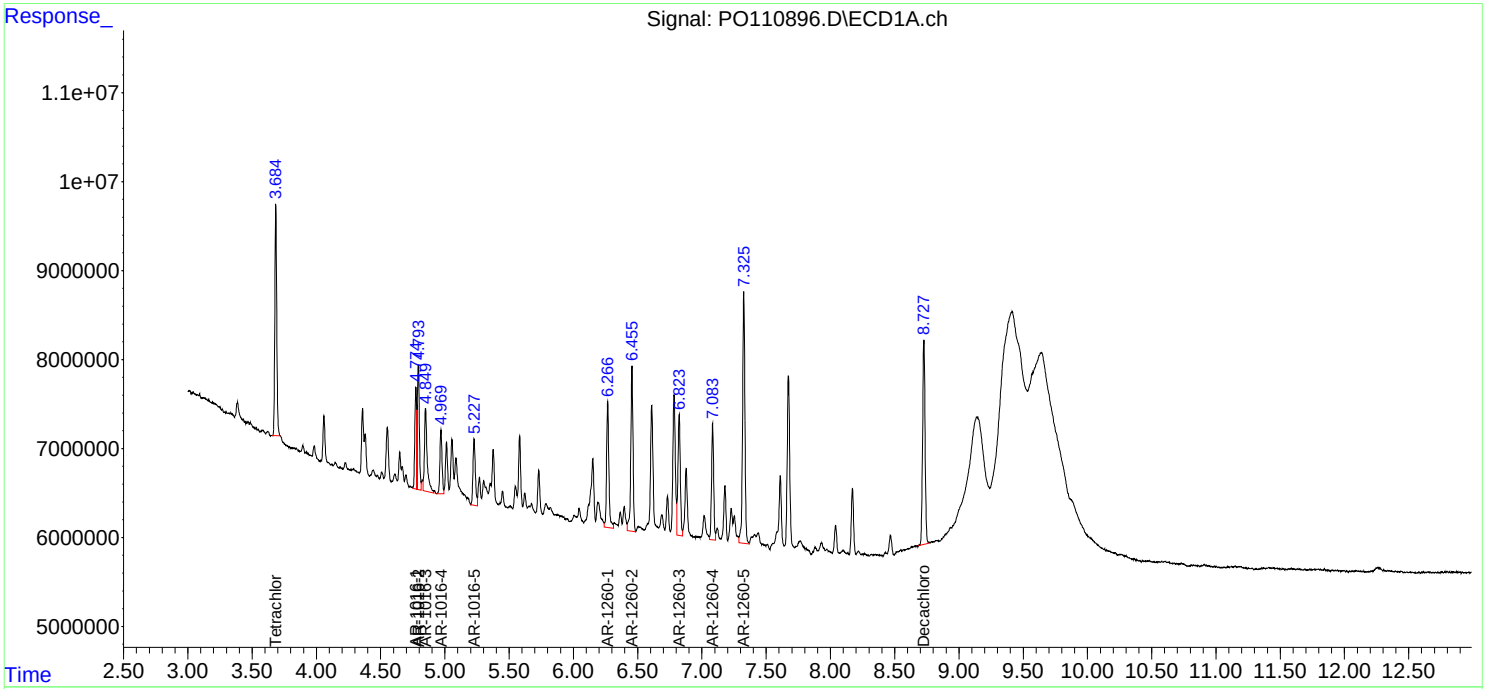
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

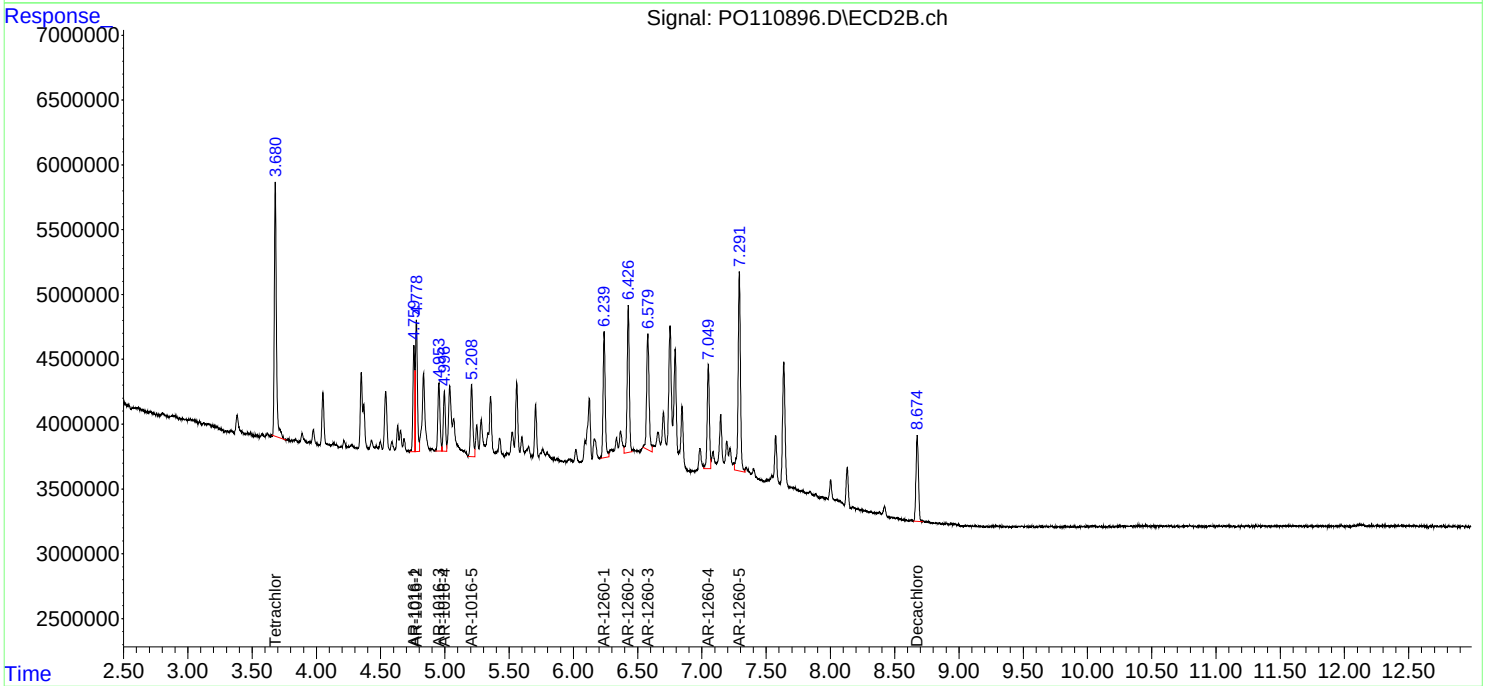
Manual Integrations APPROVED

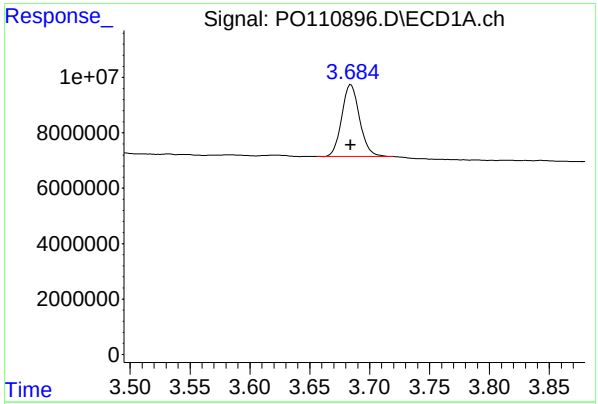
Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 11:08:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 11:07:59 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







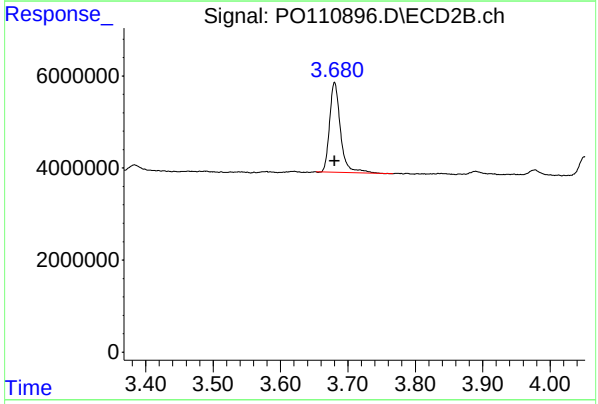
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 26883728
Conc: 4.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

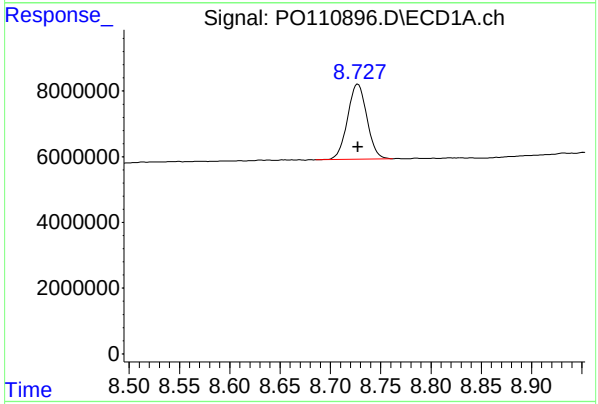
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



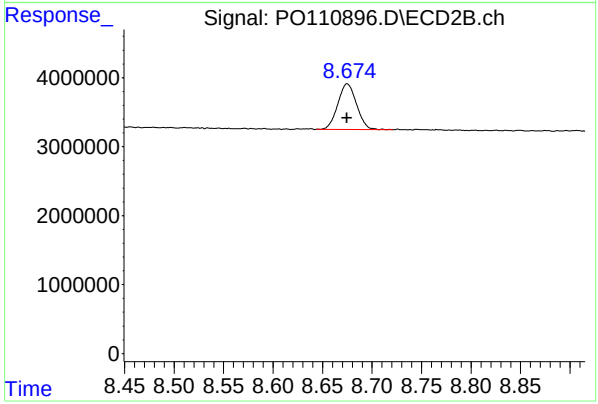
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 21925192
Conc: 4.53 ng/ml



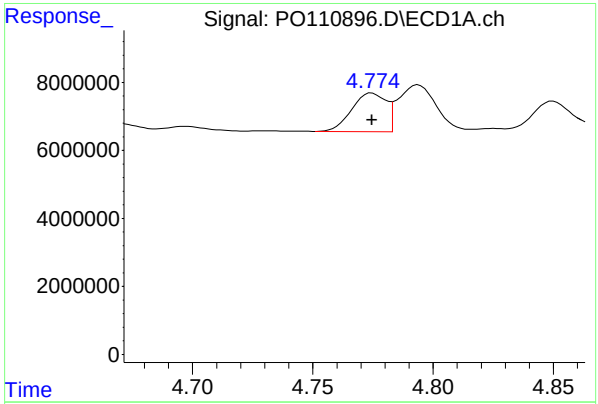
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: 0.000 min
Response: 30595416
Conc: 5.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 8754325
Conc: 5.19 ng/ml



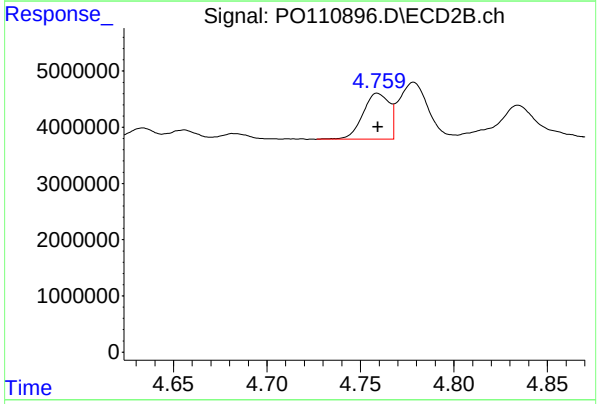
#3 AR-1016-1

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 11388788
Conc: 51.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

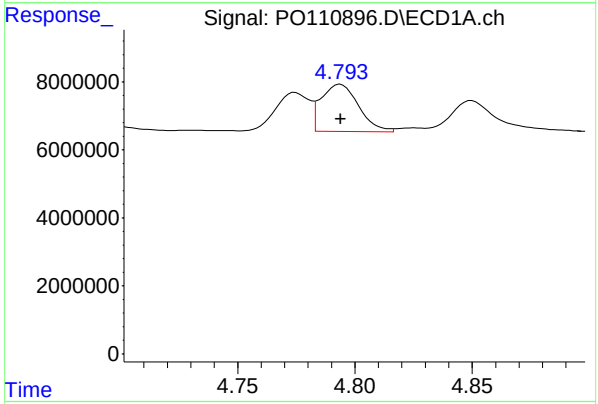
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



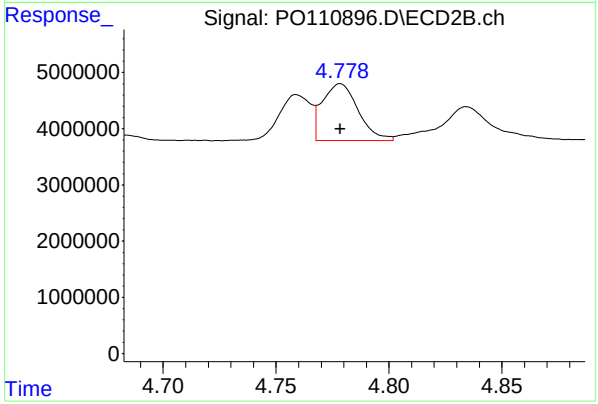
#3 AR-1016-1

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 7989426
Conc: 50.29 ng/ml



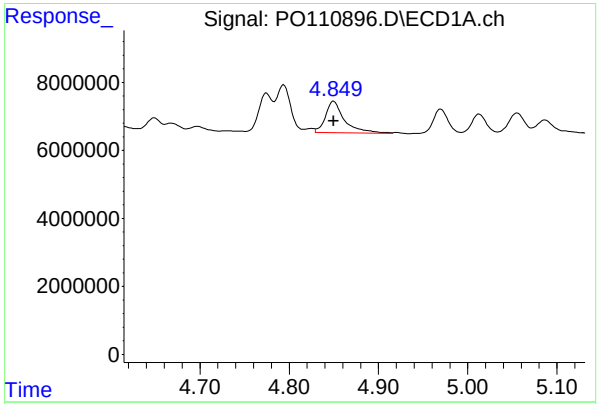
#4 AR-1016-2

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 15459866
Conc: 49.84 ng/ml



#4 AR-1016-2

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 11172957
Conc: 48.88 ng/ml



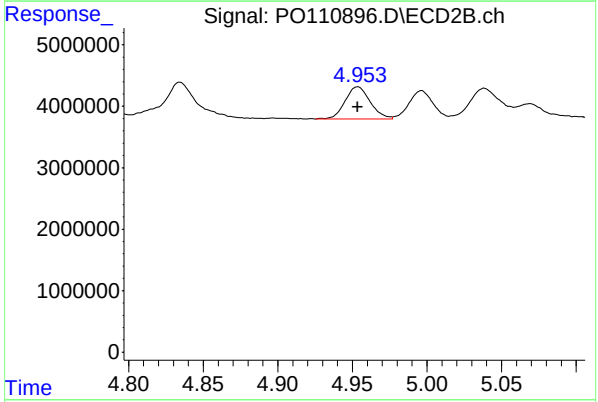
#5 AR-1016-3

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 13787898
Conc: 60.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

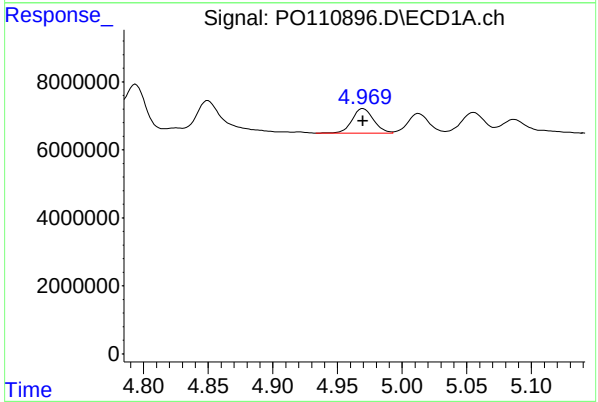
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



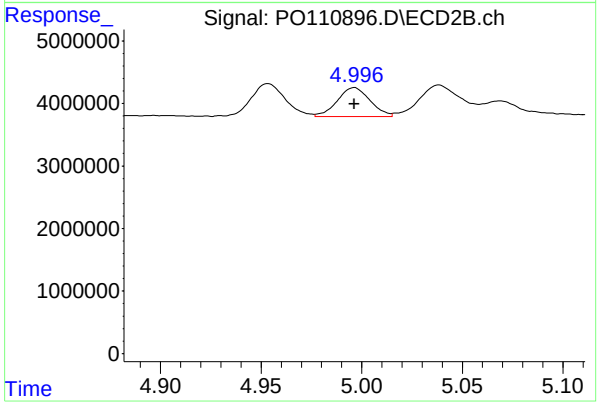
#5 AR-1016-3

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 6165528
Conc: 50.56 ng/ml



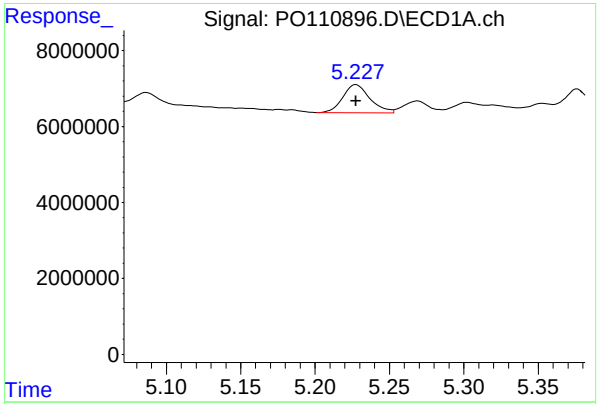
#6 AR-1016-4

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 8368253
Conc: 50.05 ng/ml



#6 AR-1016-4

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 5234330
Conc: 51.95 ng/ml



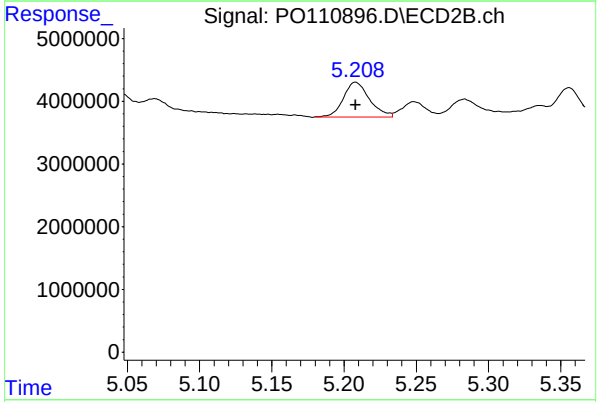
#7 AR-1016-5

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 9420873
Conc: 52.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

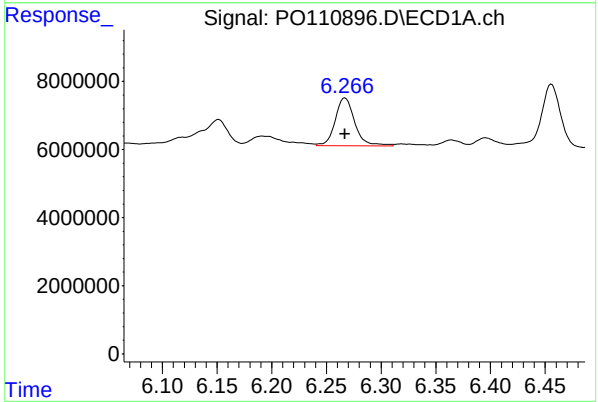
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



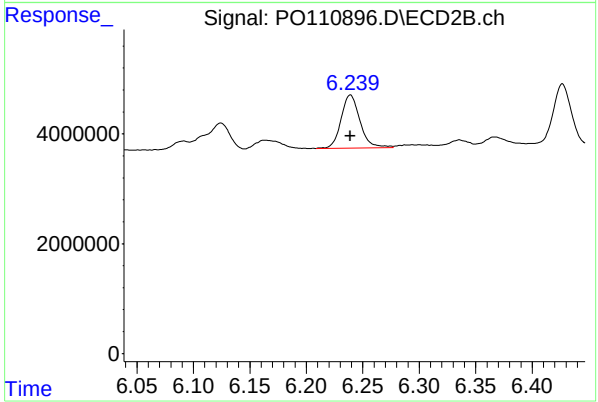
#7 AR-1016-5

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 7002191
Conc: 53.29 ng/ml



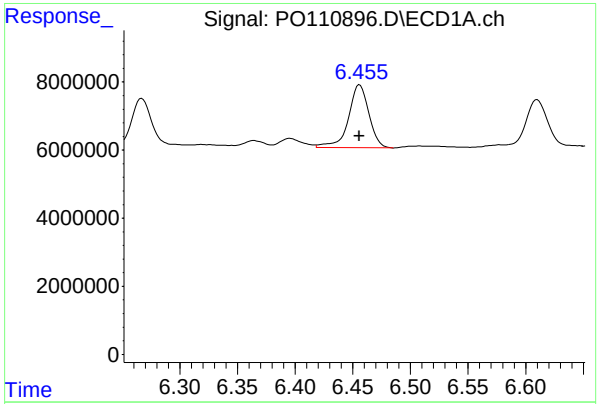
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 17544248
Conc: 52.75 ng/ml



#31 AR-1260-1

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 11330106
Conc: 51.32 ng/ml



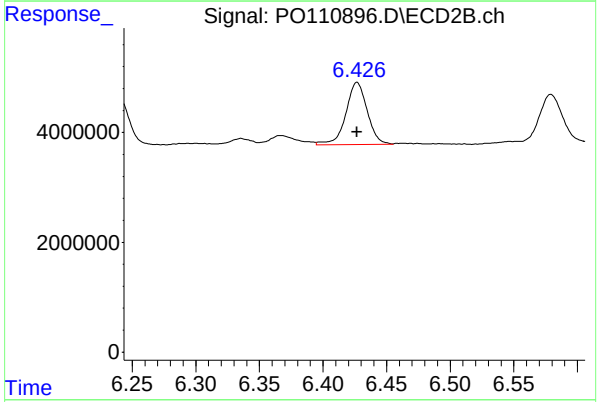
#32 AR-1260-2

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 22796239
Conc: 54.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

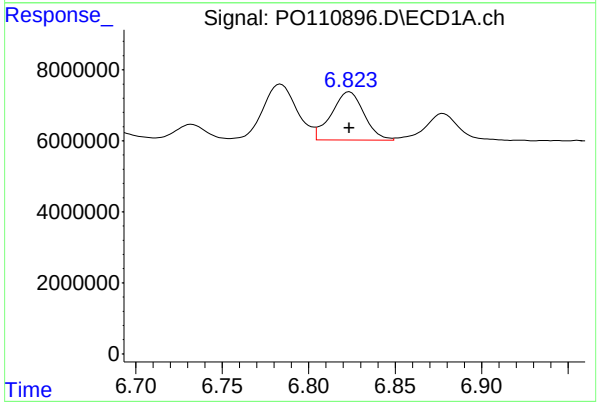
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



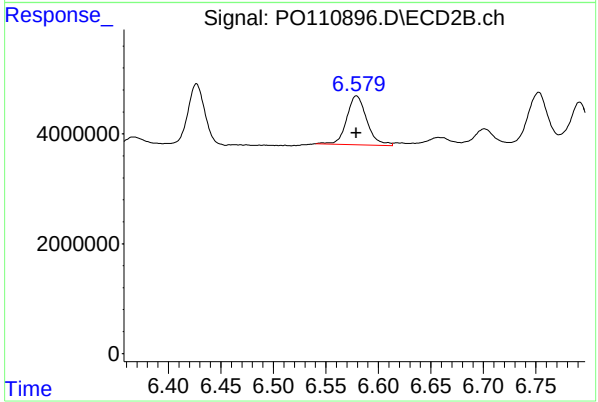
#32 AR-1260-2

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 13241314
Conc: 51.48 ng/ml



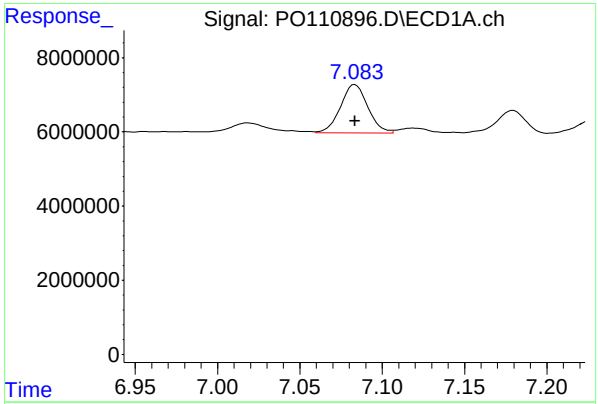
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 17781776
Conc: 50.48 ng/ml



#33 AR-1260-3

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 11848147
Conc: 50.82 ng/ml



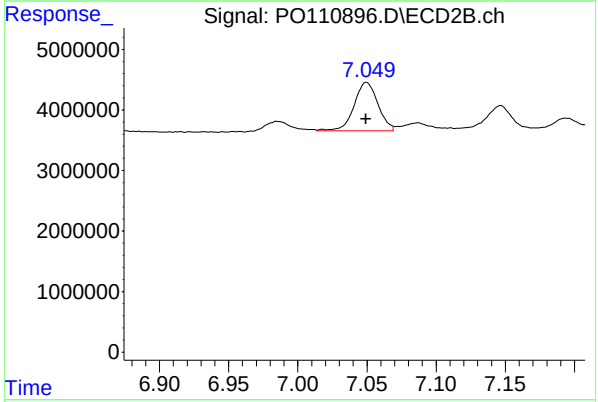
#34 AR-1260-4

R.T.: 7.083 min
Delta R.T.: 0.000 mi
Response: 15042707
Conc: 49.44 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

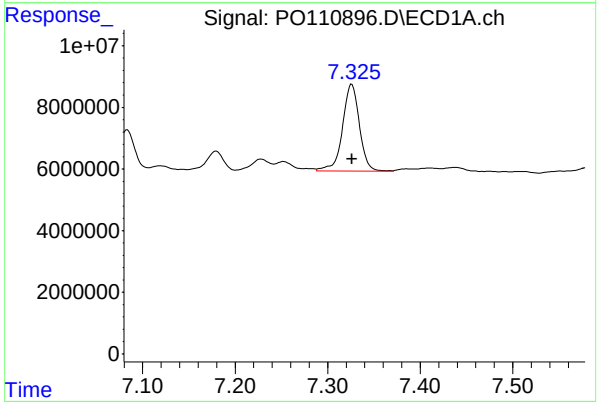
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



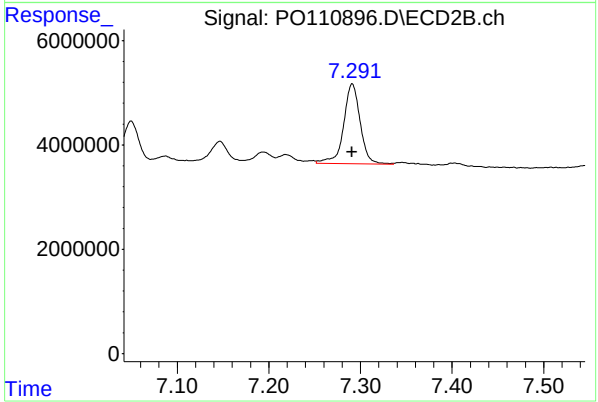
#34 AR-1260-4

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 9578461
Conc: 52.69 ng/ml m



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 35797963
Conc: 48.75 ng/ml



#35 AR-1260-5

R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 19337697
Conc: 49.44 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 11:16
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: May 02 11:30:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 11:30:15 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...	3.686	3.681	318.8E6	283.9E6	50.000	50.000
2)	SA Decachlor...	8.727	8.677	340.3E6	92487313	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.898	3.891	43534085	33282876	500.000	500.000
9)	L2 AR-1221-2	3.984	3.976	33855692	25665780	500.000	500.000
10)	L2 AR-1221-3	4.060	4.052	98885403	76518654	500.000	500.000

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

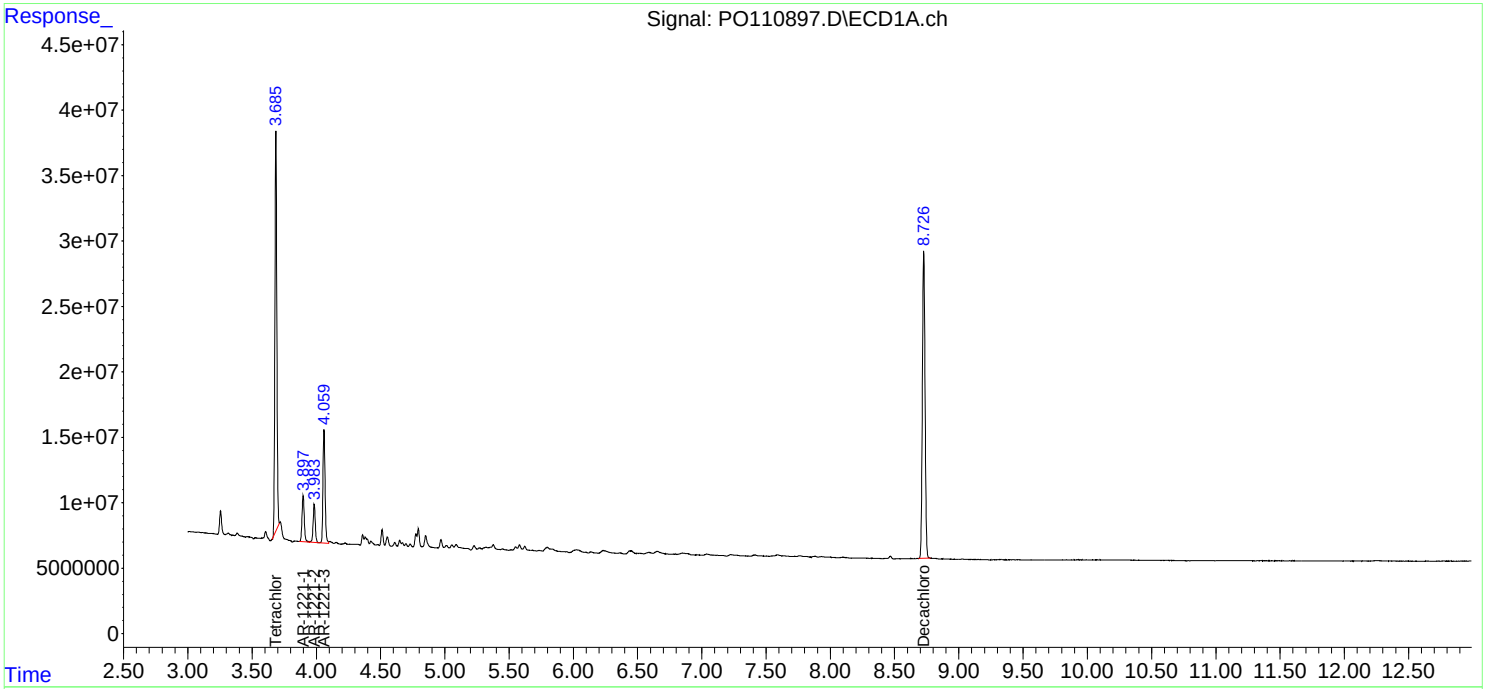
ICAL Form

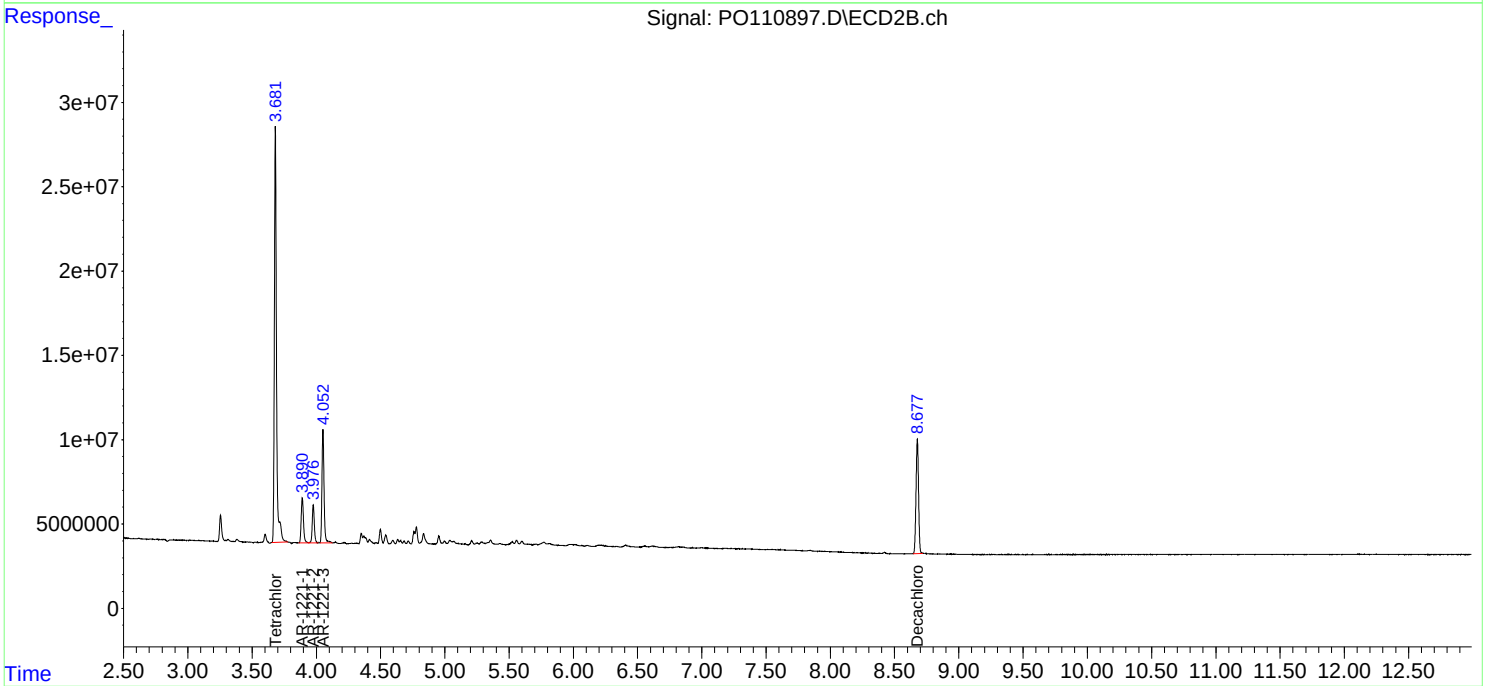
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 11:16
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

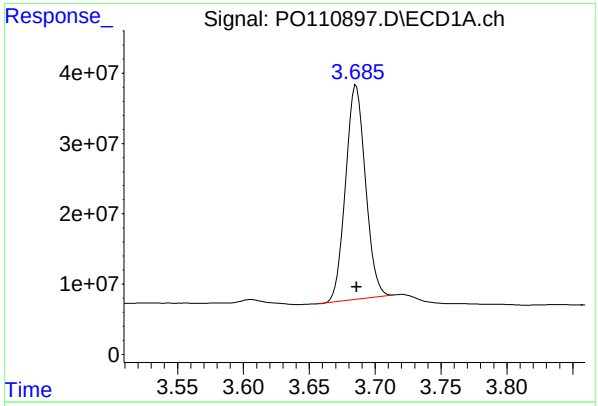
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 11:30:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 11:30:15 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



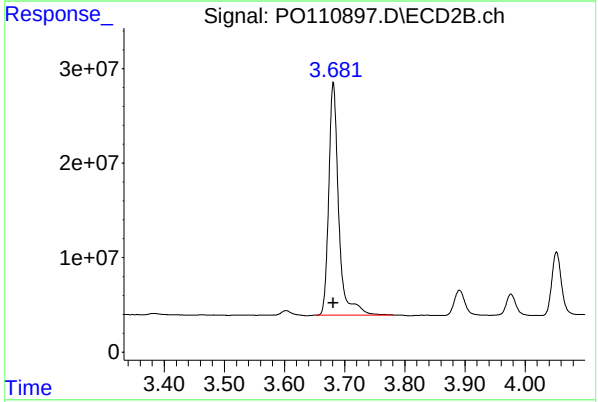




#1 Tetrachloro-m-xylene

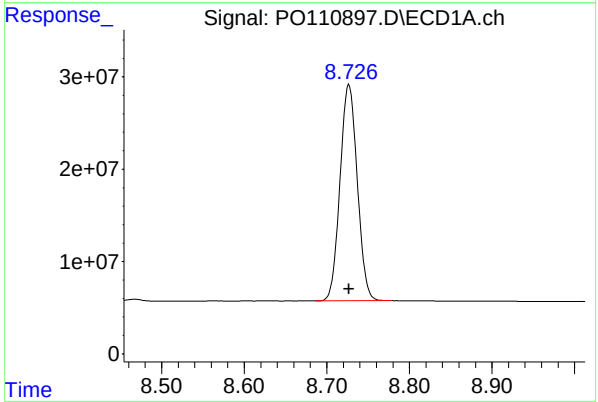
R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 318804879
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



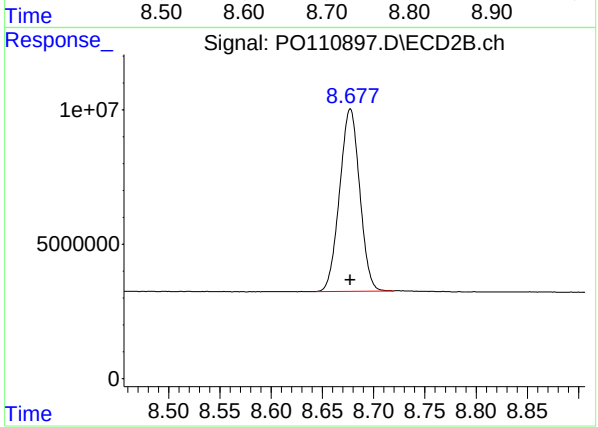
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 283859840
Conc: 50.00 ng/ml



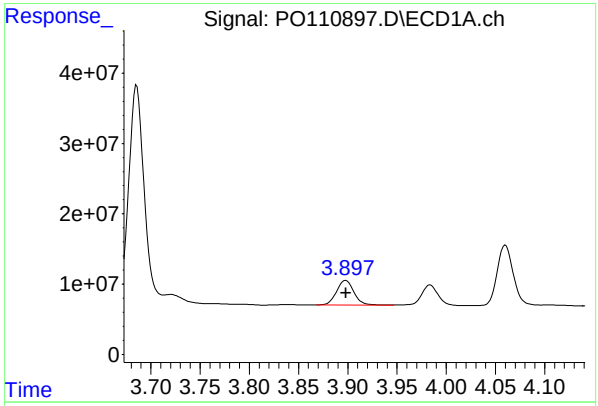
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: 0.000 min
Response: 340342672
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

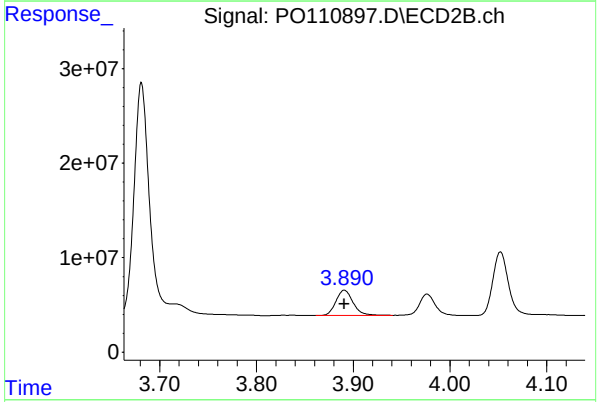
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 92487313
Conc: 50.00 ng/ml



#8 AR-1221-1

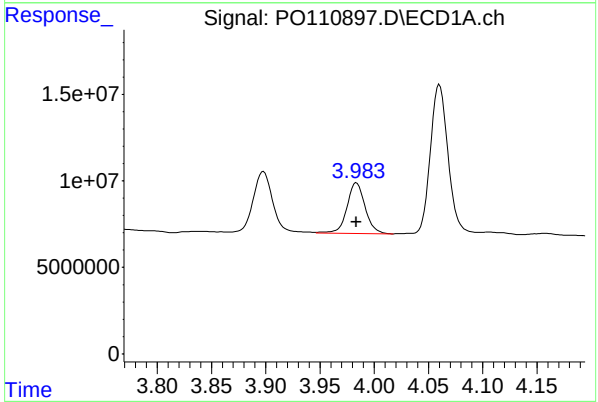
R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 43534085
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



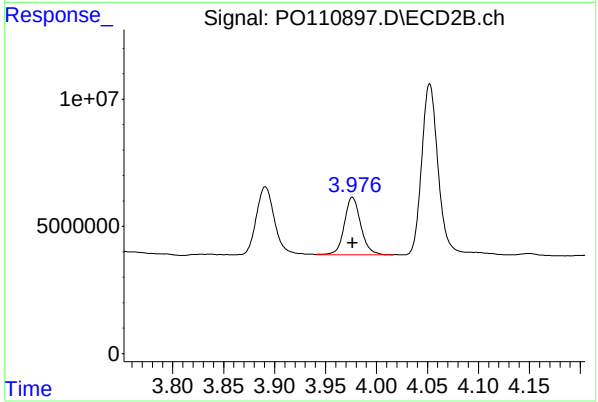
#8 AR-1221-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 33282876
Conc: 500.00 ng/ml



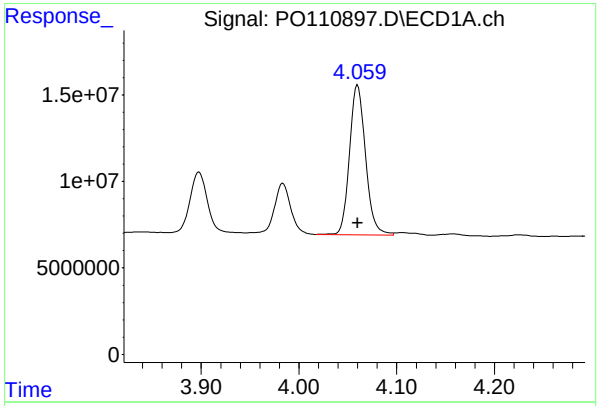
#9 AR-1221-2

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 33855692
Conc: 500.00 ng/ml



#9 AR-1221-2

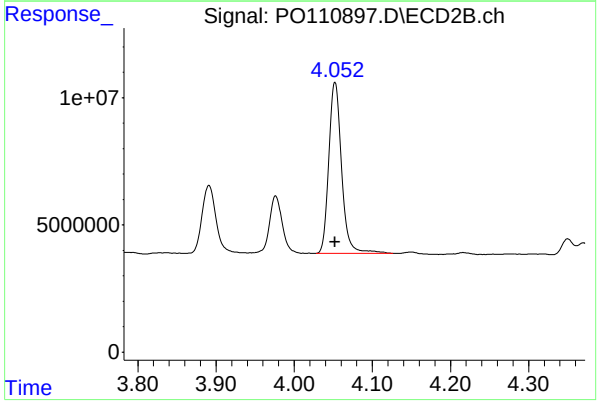
R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 25665780
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.060 min
Delta R.T.: 0.000 min
Response: 98885403
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 76518654
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 11:34
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: May 02 11:51:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 11:50:50 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...	3.686	3.681	307.8E6	267.7E6	50.000	50.000
2)	SA Decachlor...	8.728	8.677	323.7E6	88039838	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.060	4.052	76792032	58731132	500.000	500.000
12)	L3 AR-1232-2	4.554	4.779	41190384	57517475	500.000	500.000
13)	L3 AR-1232-3	4.795	4.954	79542471	30143162	500.000	500.000
14)	L3 AR-1232-4	4.972	5.038	42085320	27856270	500.000	500.000
15)	L3 AR-1232-5	5.014	5.209	29436179	29432394	500.000	500.000

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

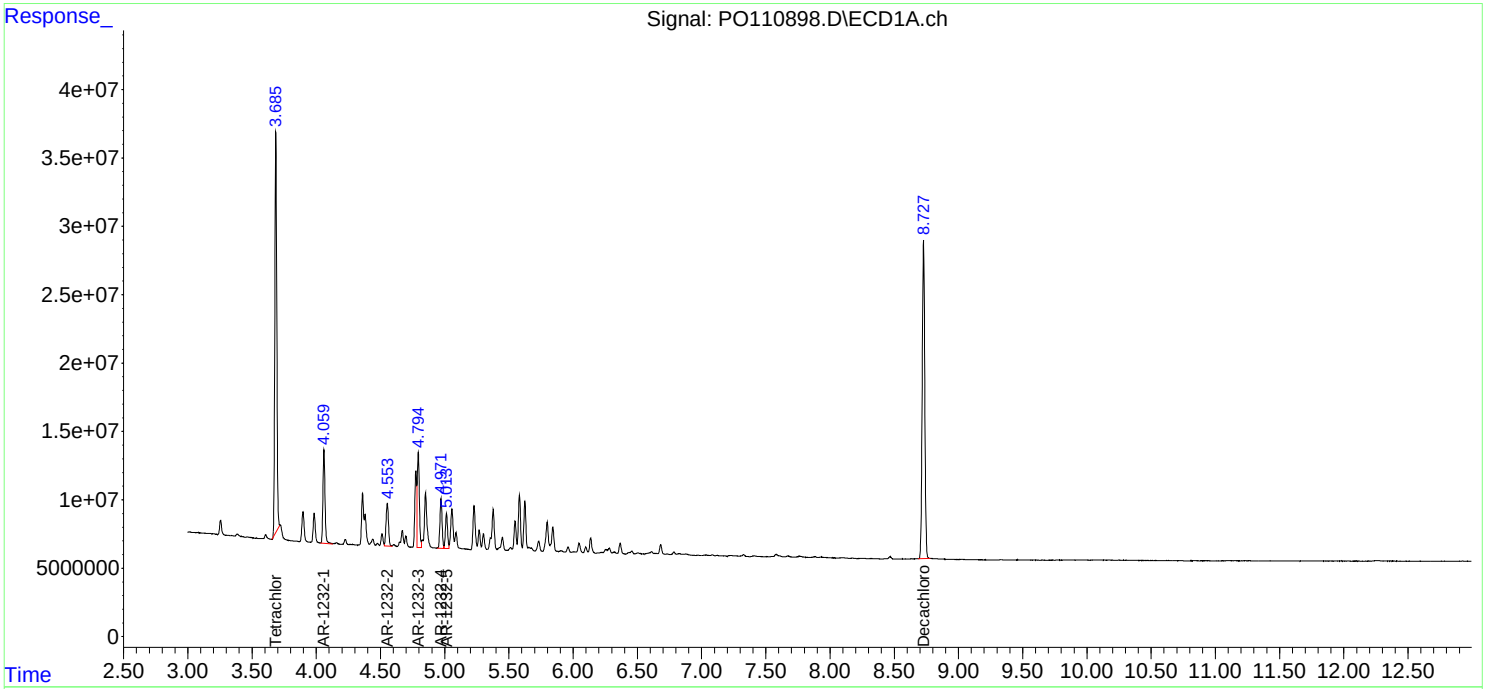
ICAL Form

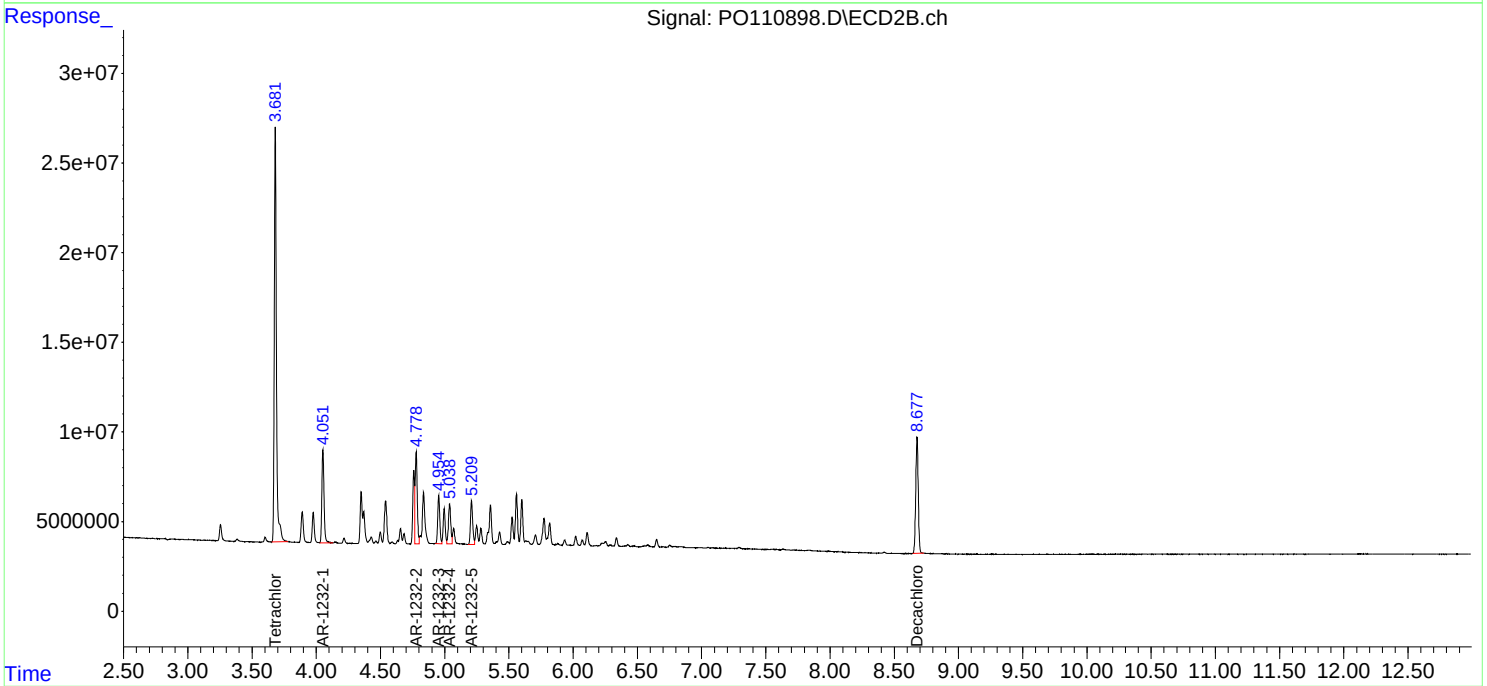
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 11:34
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

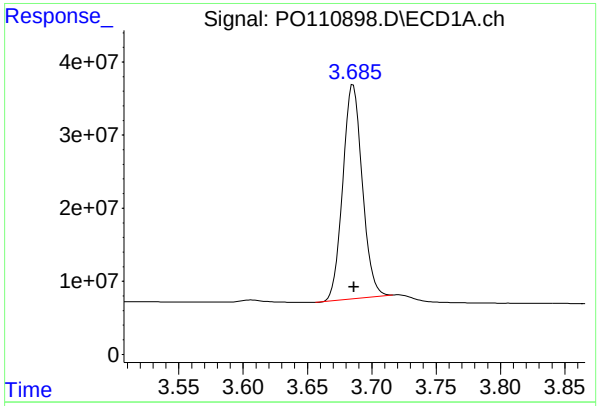
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 11:51:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 11:50:50 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



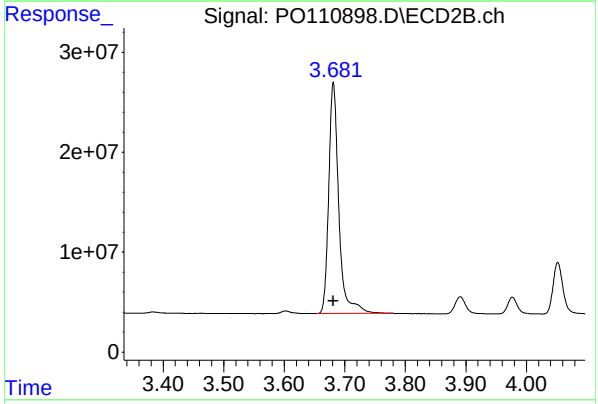




#1 Tetrachloro-m-xylene

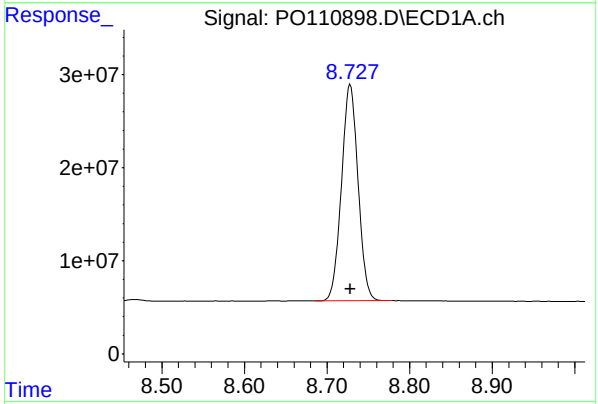
R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 307794301
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



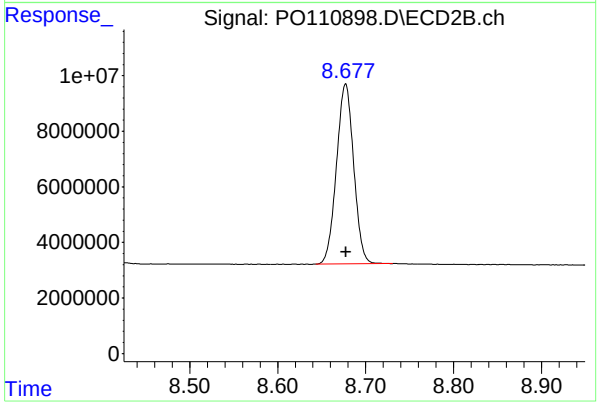
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 267693633
Conc: 50.00 ng/ml



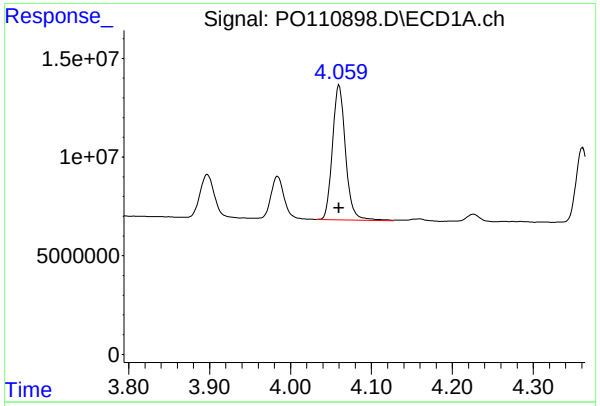
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 323696668
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

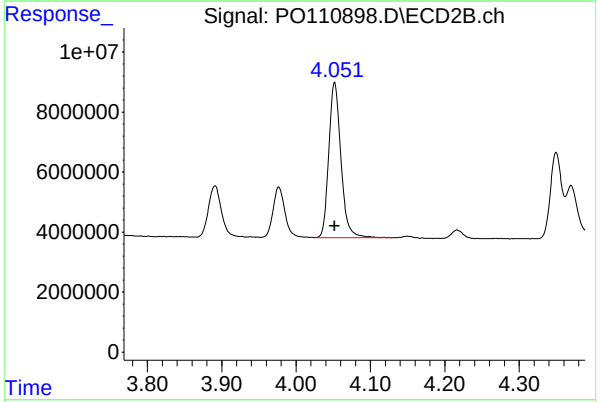
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 88039838
Conc: 50.00 ng/ml



#11 AR-1232-1

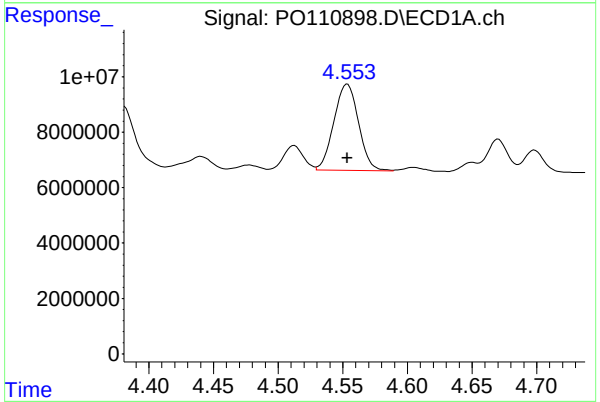
R.T.: 4.060 min
Delta R.T.: 0.000 min
Response: 76792032
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



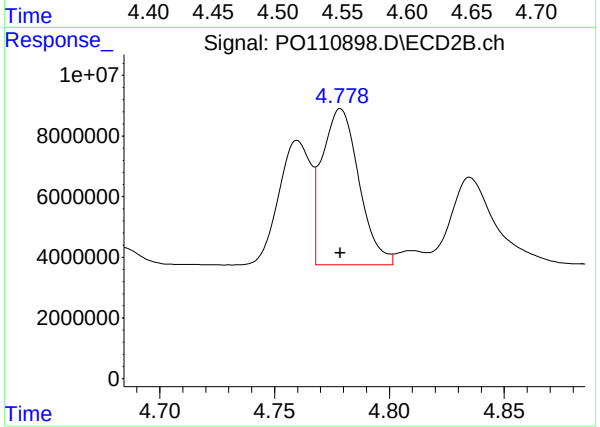
#11 AR-1232-1

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 58731132
Conc: 500.00 ng/ml



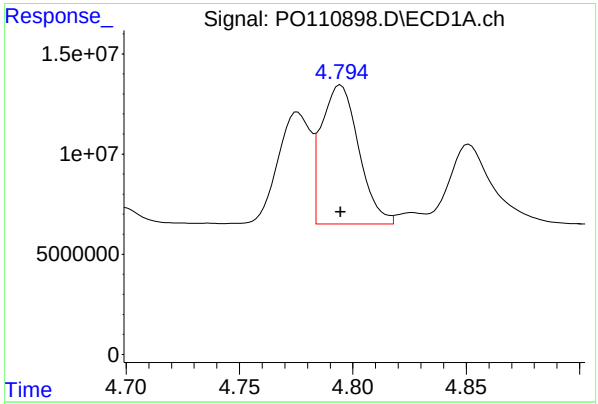
#12 AR-1232-2

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 41190384
Conc: 500.00 ng/ml



#12 AR-1232-2

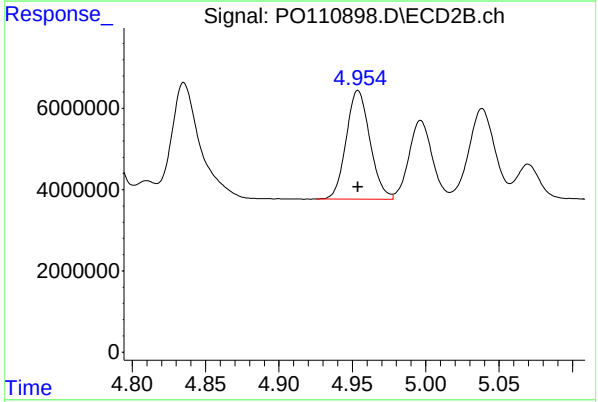
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 57517475
Conc: 500.00 ng/ml



#13 AR-1232-3

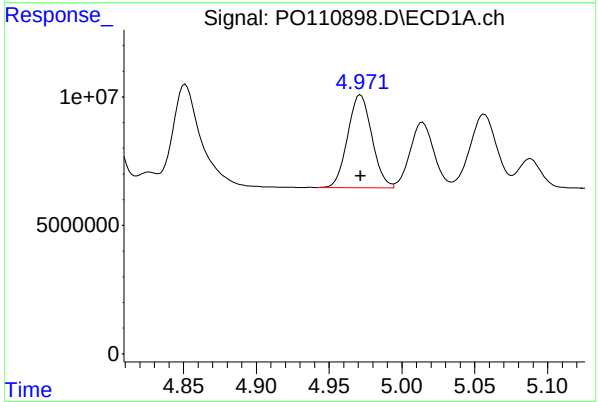
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 79542471
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



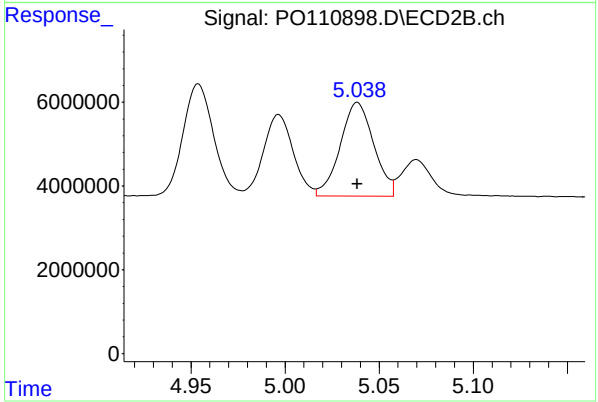
#13 AR-1232-3

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 30143162
Conc: 500.00 ng/ml



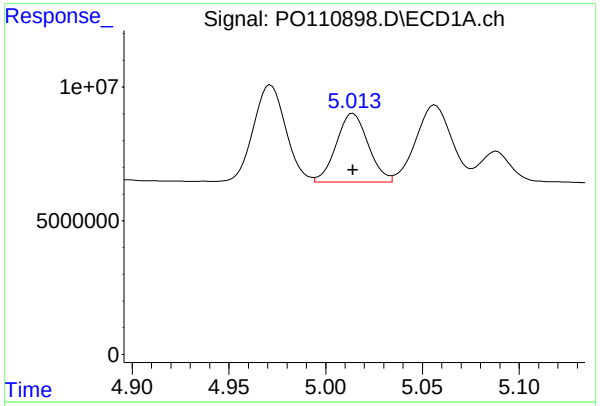
#14 AR-1232-4

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 42085320
Conc: 500.00 ng/ml



#14 AR-1232-4

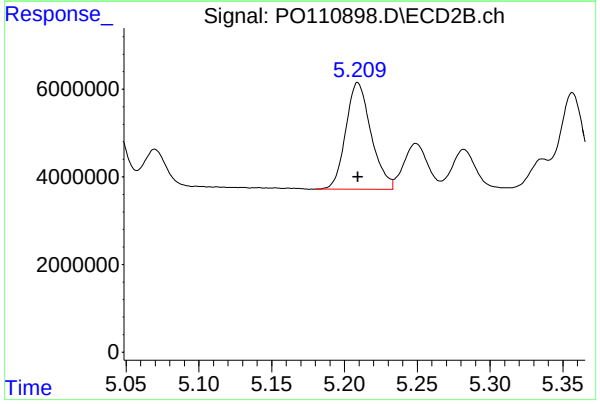
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 27856270
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 29436179
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 29432394
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 11:53
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: May 02 12:39:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 12:37:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.681	581.6E6	494.9E6	99.328	99.974
2)	SA Decachlor...	8.729	8.677	588.8E6	158.1E6	96.137	95.713
	Target Compounds						
16)	L4 AR-1242-1	4.776	4.760	177.0E6	126.7E6	975.415	973.687
17)	L4 AR-1242-2	4.794	4.779	248.5E6	183.9E6	972.816	980.698
18)	L4 AR-1242-3	4.851	4.954	171.5E6	97737881	955.216	984.929
19)	L4 AR-1242-4	4.971	5.039	135.3E6	96899292	990.368	975.100
20)	L4 AR-1242-5	5.624	5.559	144.4E6	117.8E6	942.756	956.871

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

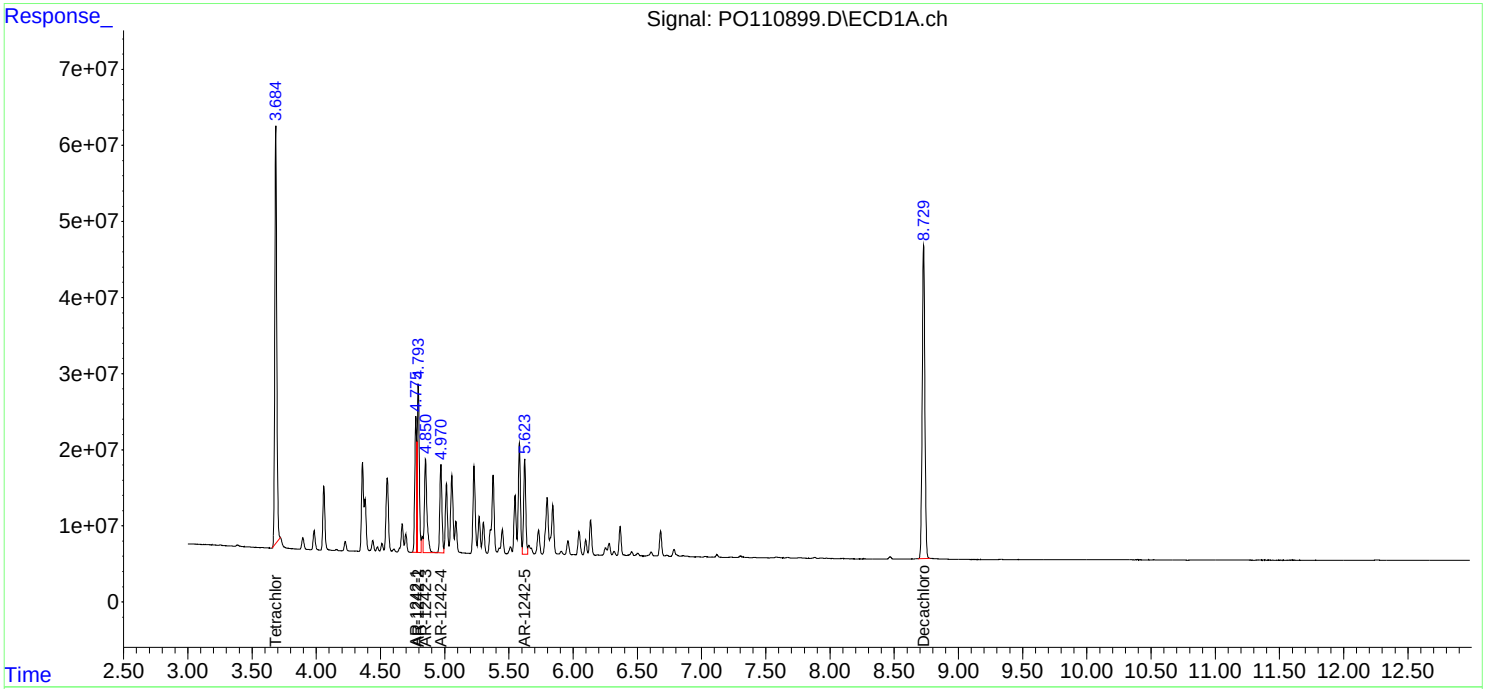
ICAL Form

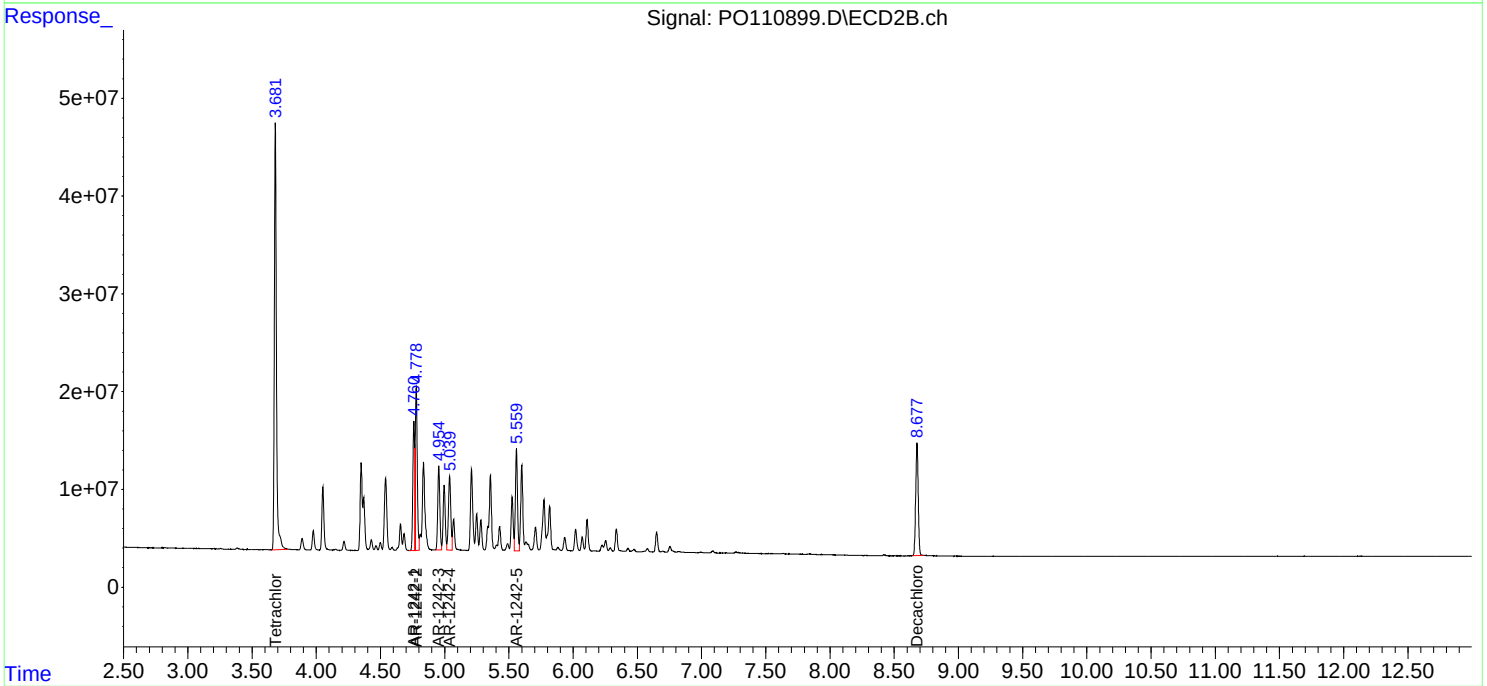
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 11:53
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

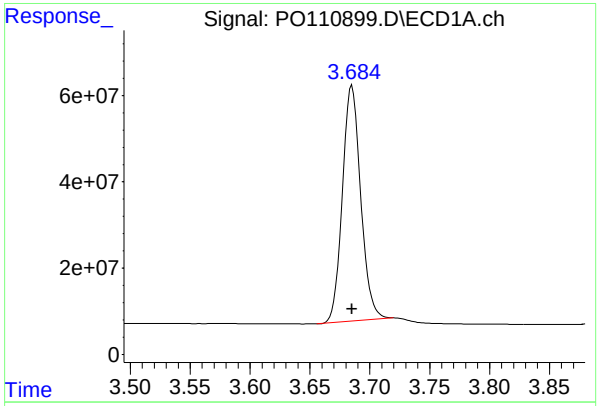
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 12:39:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 12:37:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



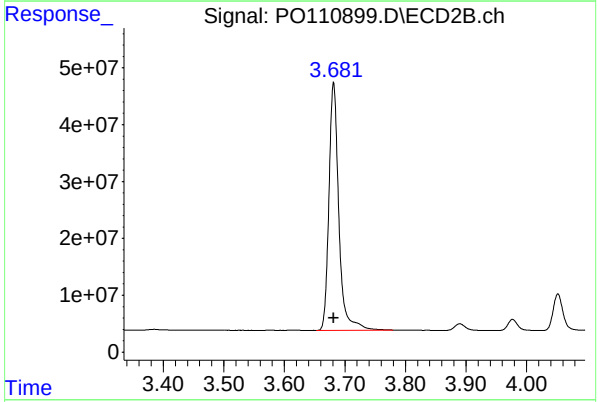




#1 Tetrachloro-m-xylene

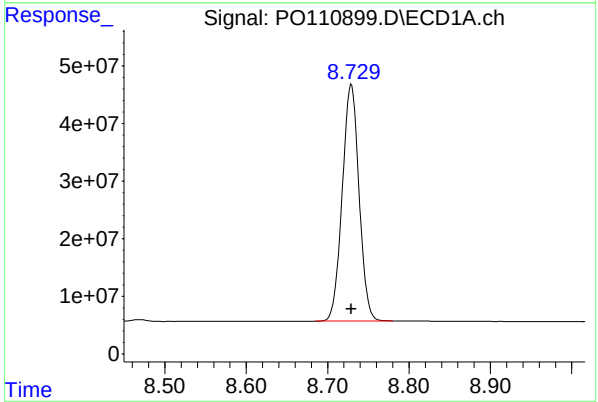
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 581633705
Conc: 99.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



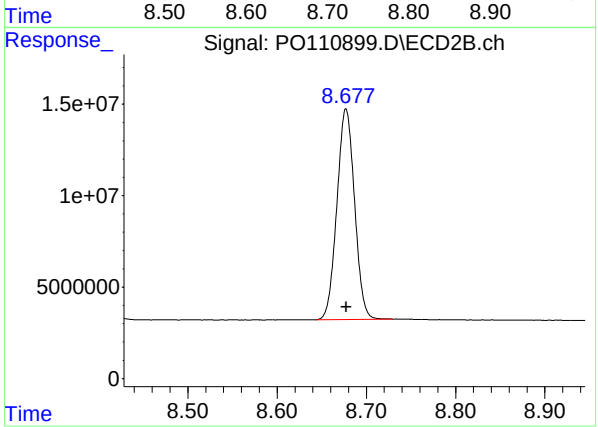
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 494913385
Conc: 99.97 ng/ml



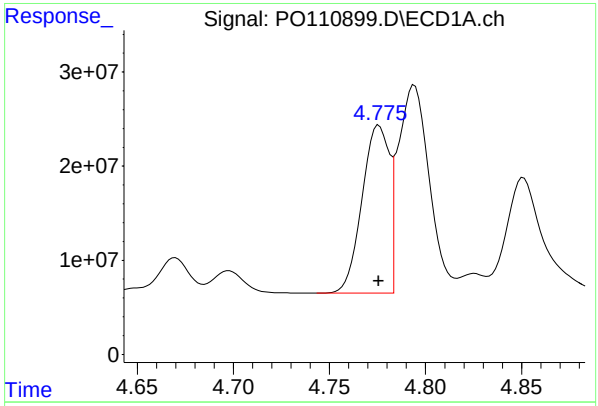
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 588846068
Conc: 96.14 ng/ml



#2 Decachlorobiphenyl

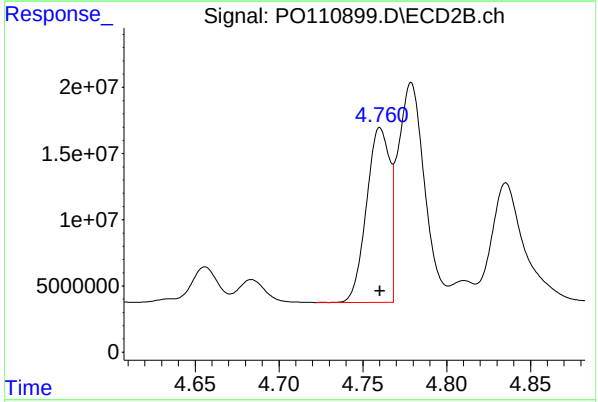
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 158140910
Conc: 95.71 ng/ml



#16 AR-1242-1

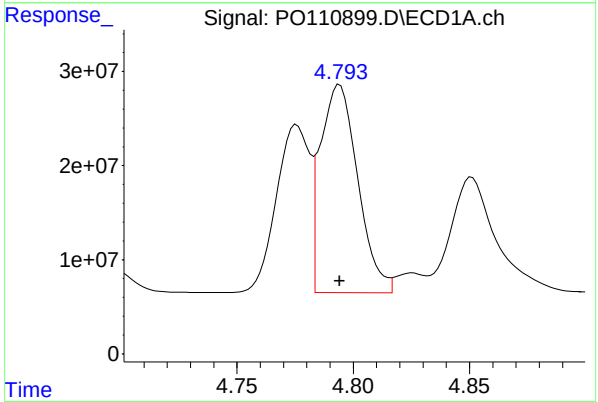
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 176981853
Conc: 975.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



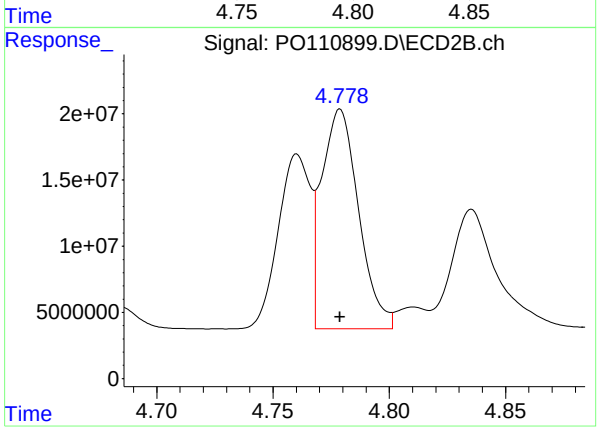
#16 AR-1242-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 126696062
Conc: 973.69 ng/ml



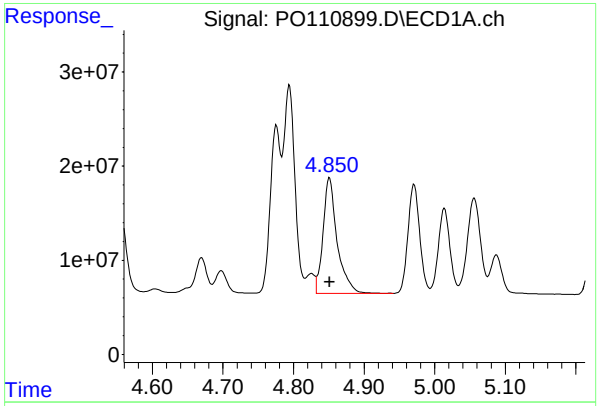
#17 AR-1242-2

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 248451544
Conc: 972.82 ng/ml



#17 AR-1242-2

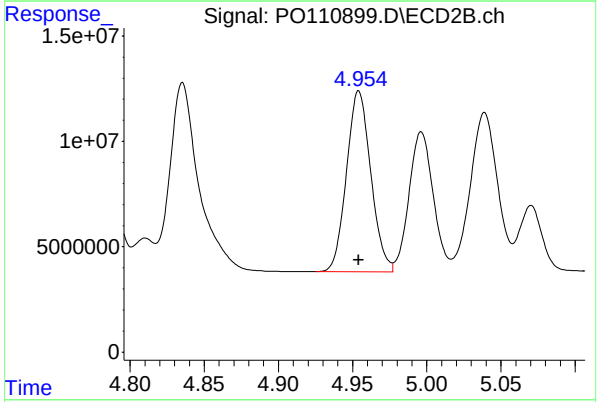
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 183881128
Conc: 980.70 ng/ml



#18 AR-1242-3

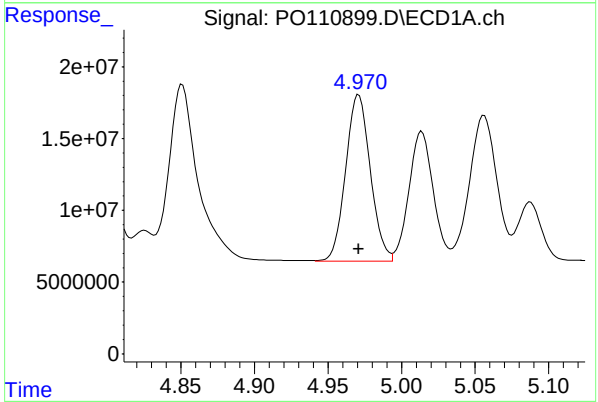
R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 171468652
Conc: 955.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



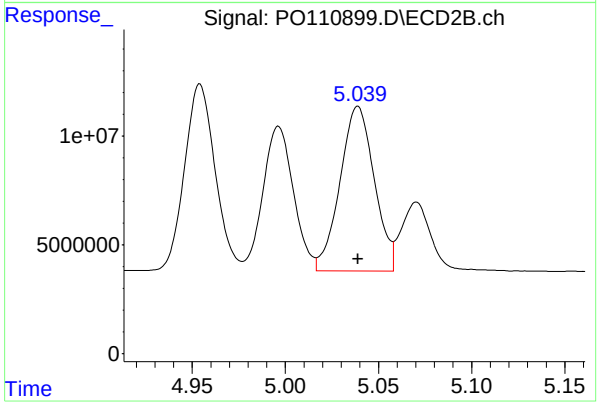
#18 AR-1242-3

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 97737881
Conc: 984.93 ng/ml



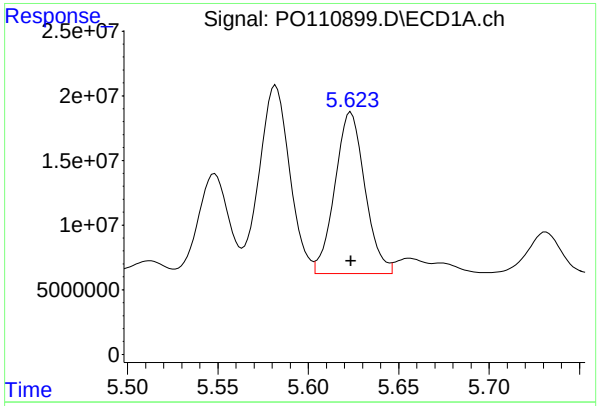
#19 AR-1242-4

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 135335611
Conc: 990.37 ng/ml



#19 AR-1242-4

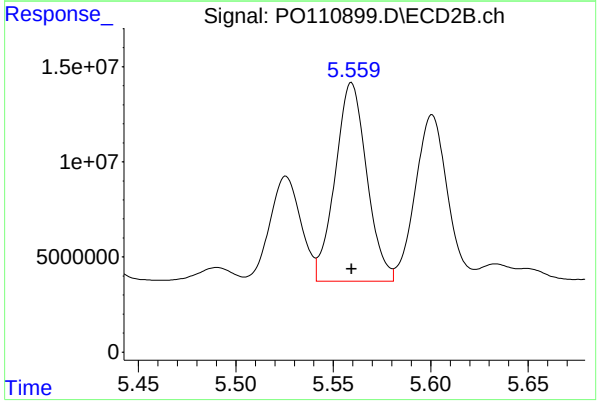
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 96899292
Conc: 975.10 ng/ml



#20 AR-1242-5

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 144449327
Conc: 942.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 117846629
Conc: 956.87 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 12:11
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: May 02 12:43:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 12:37:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.681	446.5E6	377.3E6	75.826	75.811
2)	SA Decachlor...	8.728	8.678	460.2E6	123.9E6	75.087	74.984
	Target Compounds						
16)	L4 AR-1242-1	4.777	4.760	138.8E6	98433273	760.056	754.308
17)	L4 AR-1242-2	4.795	4.779	194.6E6	142.9E6	757.844	758.056
18)	L4 AR-1242-3	4.852	4.954	135.2E6	75743354	752.044	758.804
19)	L4 AR-1242-4	4.972	5.039	106.1E6	75592112	767.548	757.090
20)	L4 AR-1242-5	5.625	5.559	114.3E6	92073122	747.129	748.398

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

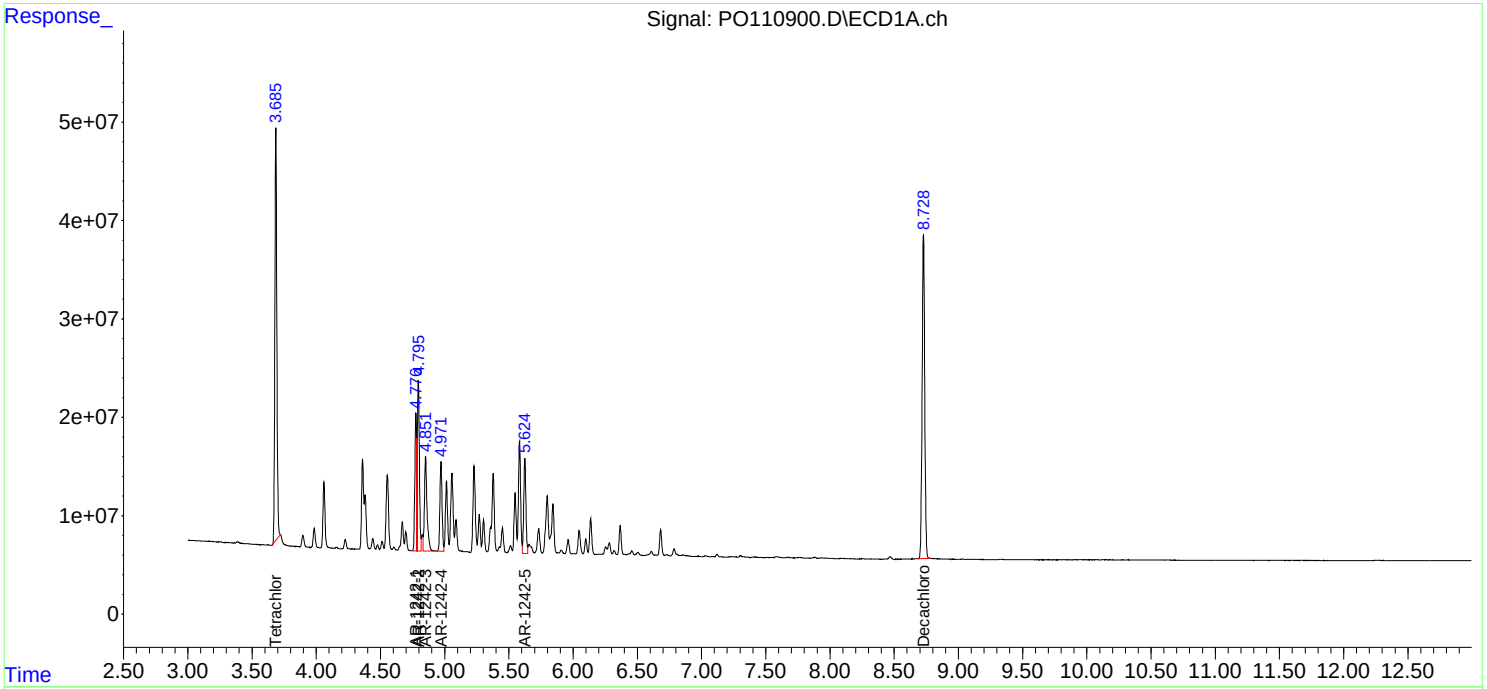
ICAL Form

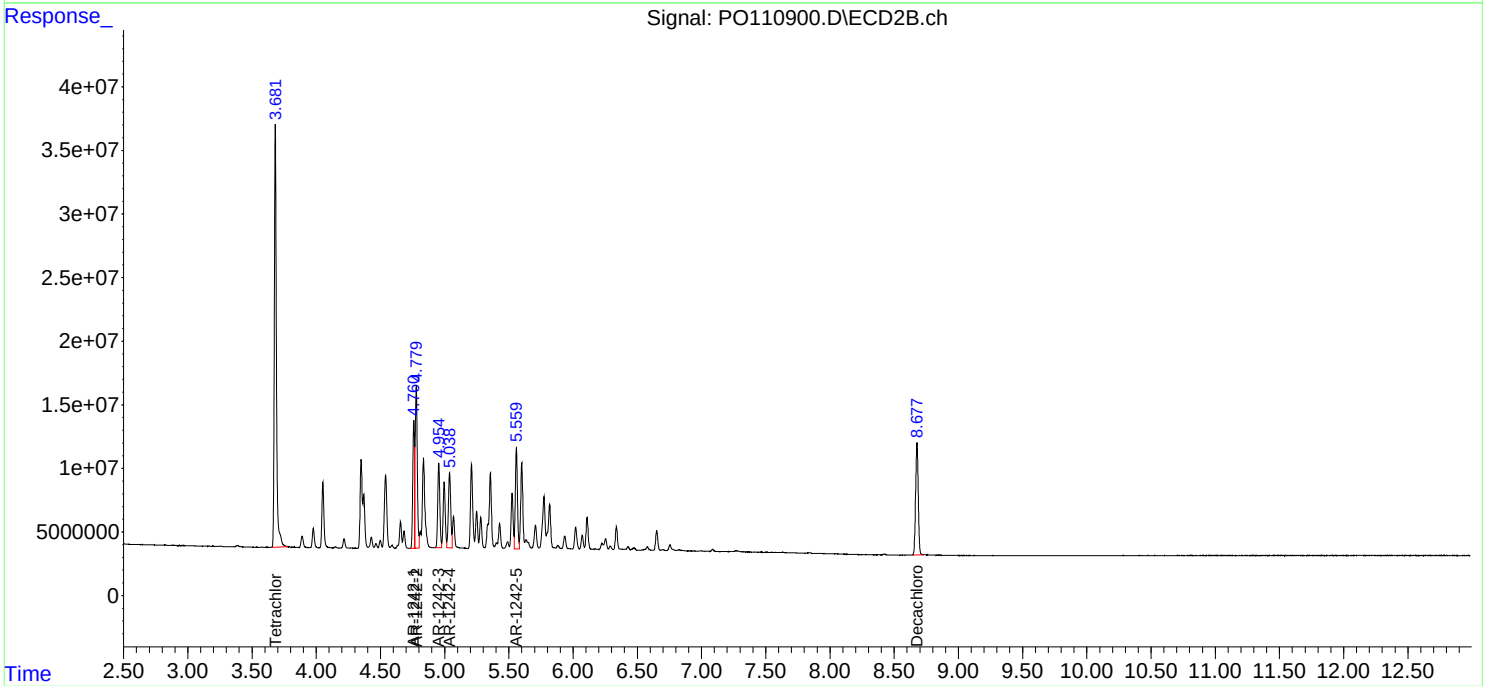
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 12:11
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

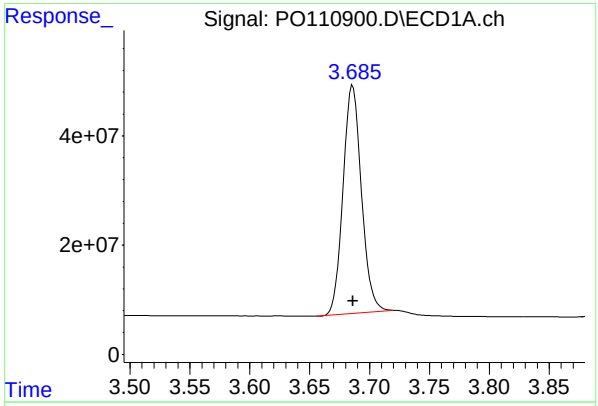
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 12:43:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 12:37:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



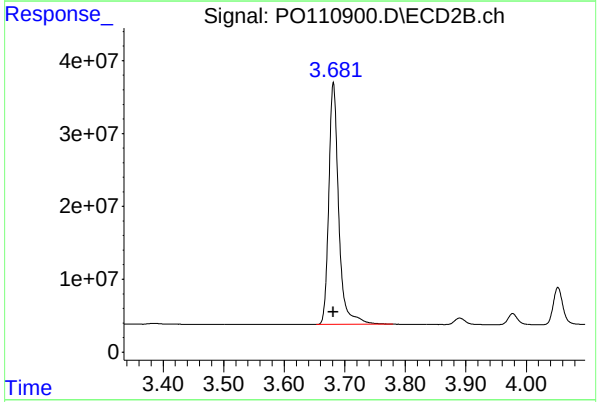




#1 Tetrachloro-m-xylene

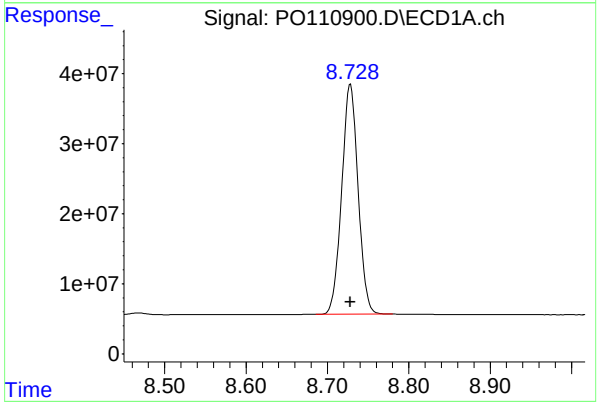
R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 446473980
Conc: 75.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



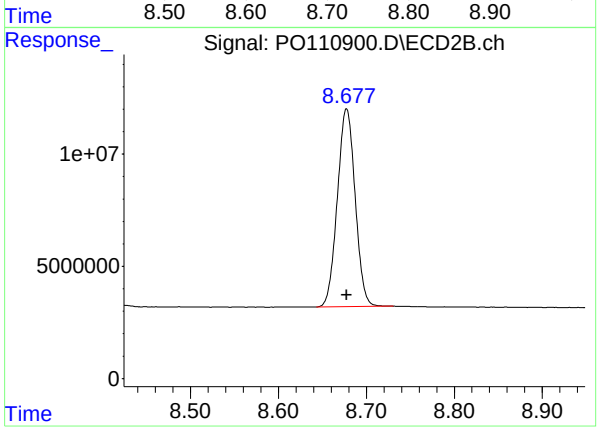
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 377336510
Conc: 75.81 ng/ml



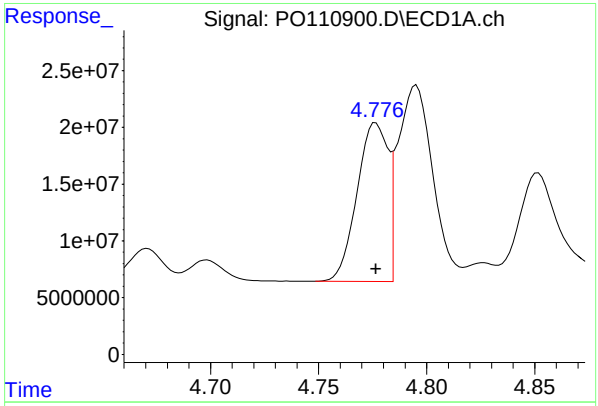
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 460185846
Conc: 75.09 ng/ml



#2 Decachlorobiphenyl

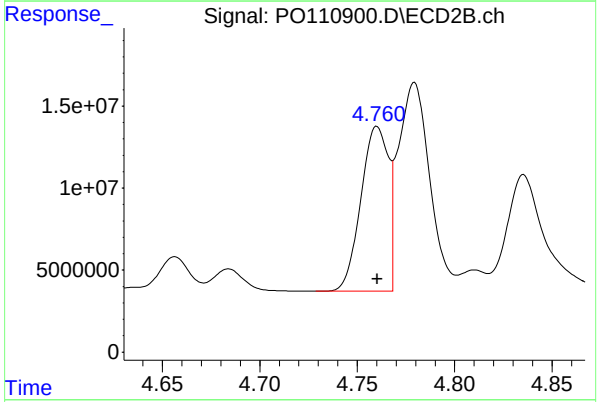
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 123877654
Conc: 74.98 ng/ml



#16 AR-1242-1

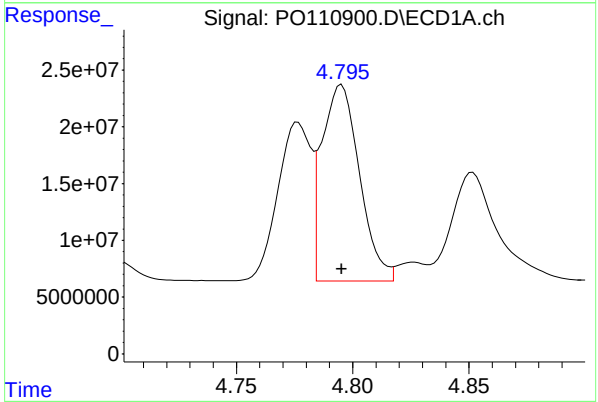
R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 138837420
Conc: 760.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



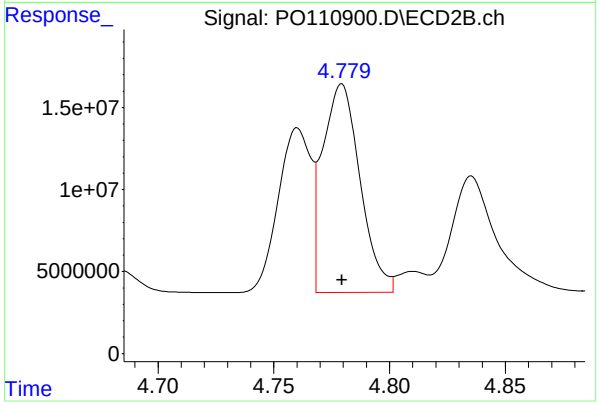
#16 AR-1242-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 98433273
Conc: 754.31 ng/ml



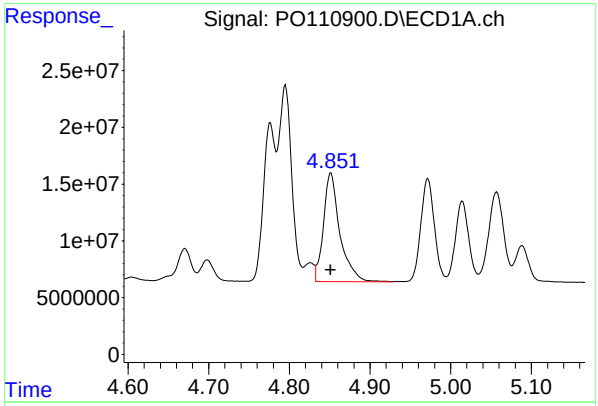
#17 AR-1242-2

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 194566543
Conc: 757.84 ng/ml



#17 AR-1242-2

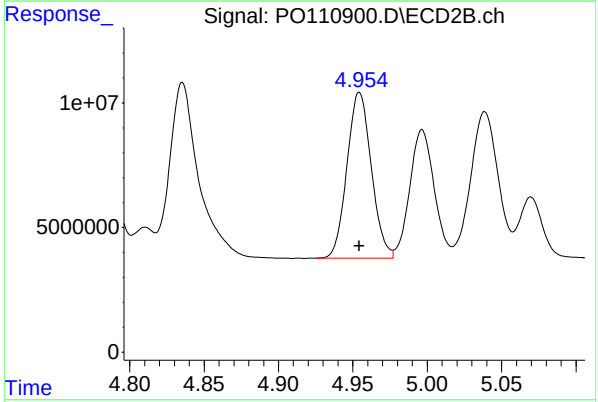
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 142903280
Conc: 758.06 ng/ml



#18 AR-1242-3

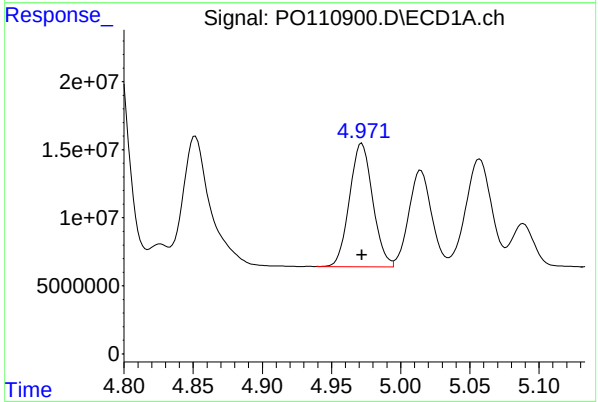
R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 135181790
Conc: 752.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



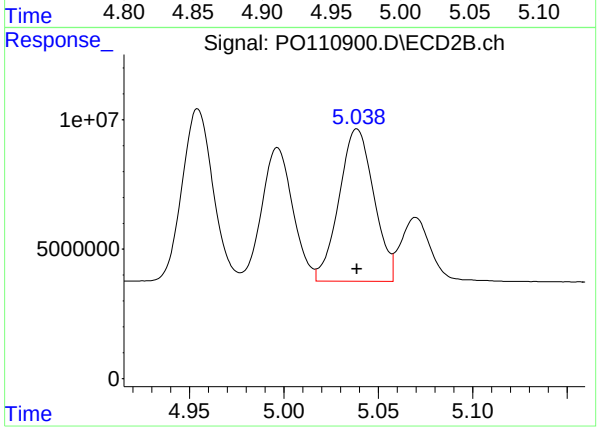
#18 AR-1242-3

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 75743354
Conc: 758.80 ng/ml



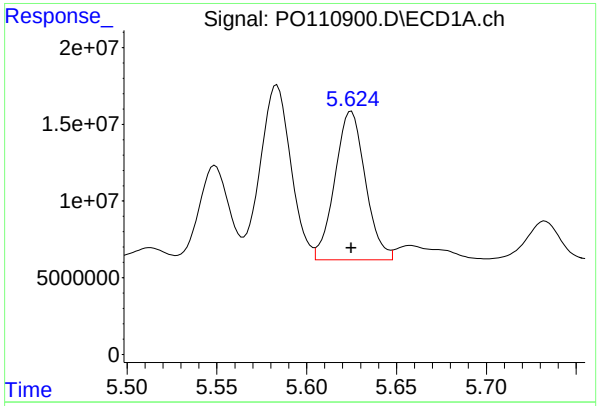
#19 AR-1242-4

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 106128517
Conc: 767.55 ng/ml



#19 AR-1242-4

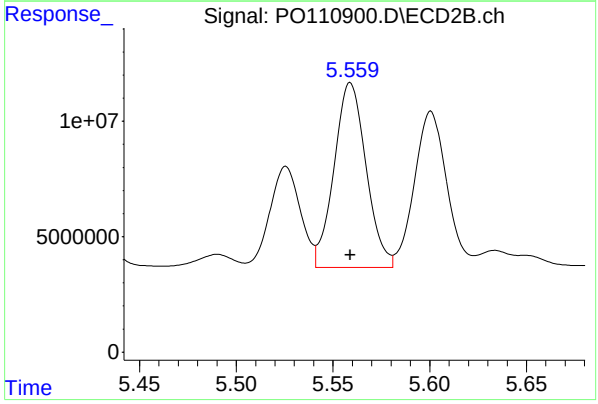
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 75592112
Conc: 757.09 ng/ml



#20 AR-1242-5

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 114256591
Conc: 747.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 92073122
Conc: 748.40 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 12:29
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: May 02 12:37:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 12:37:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.686	3.681	294.8E6	247.6E6	50.000	50.000
2)	SA Decachlor...	8.728	8.677	318.1E6	86153414	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.776	4.760	92951669	66771882	500.000	500.000
17)	L4 AR-1242-2	4.795	4.779	131.2E6	95559690	500.000	500.000
18)	L4 AR-1242-3	4.851	4.955	93773385	50364487	500.000	500.000
19)	L4 AR-1242-4	4.971	5.039	68984065	50924005	500.000	500.000
20)	L4 AR-1242-5	5.624	5.560	80995537	64235014	500.000	500.000

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

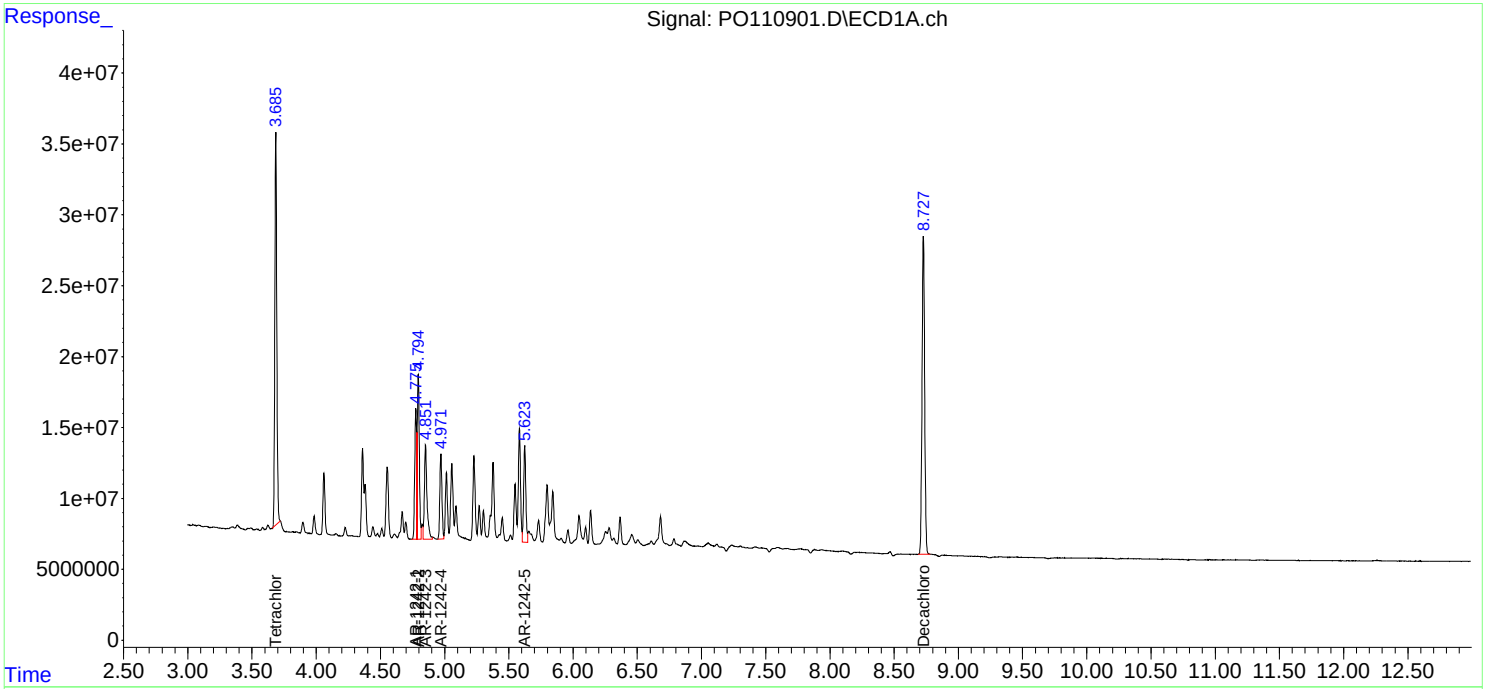
ICAL Form

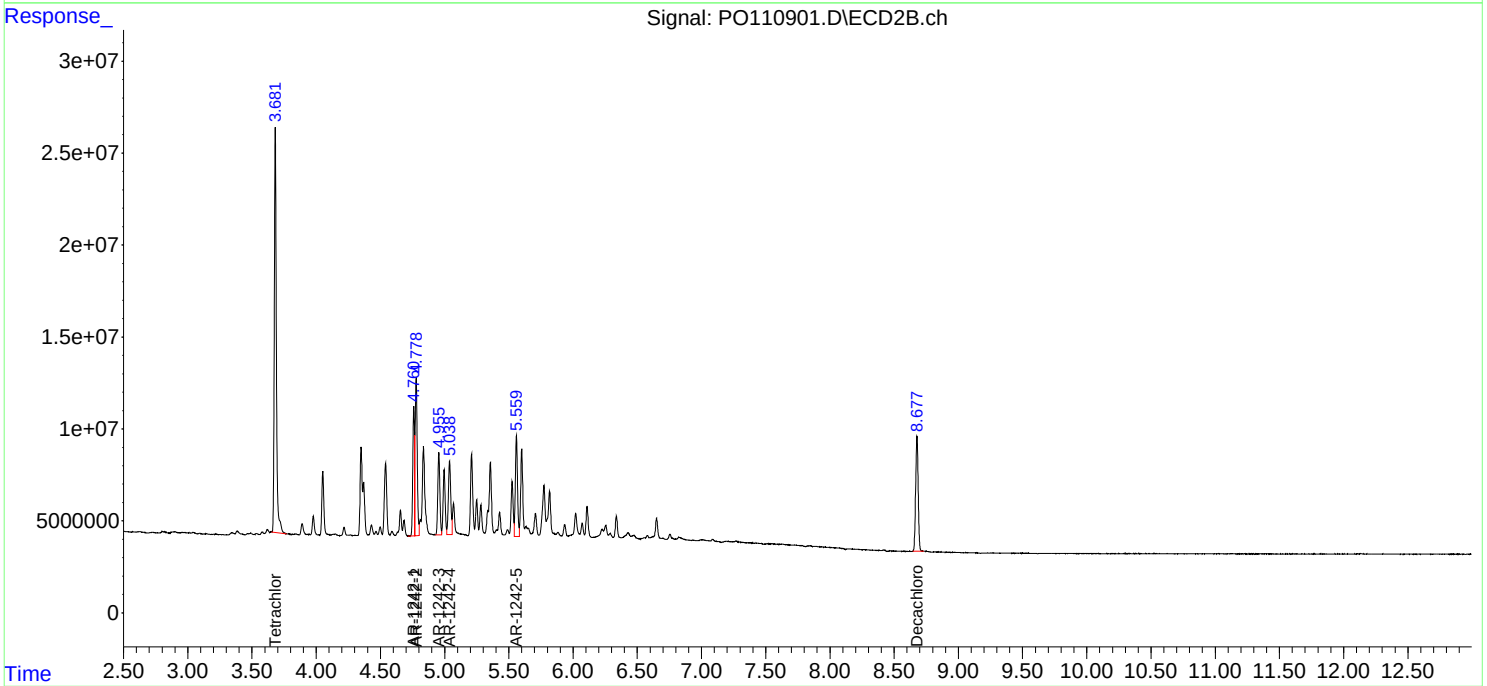
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 12:29
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

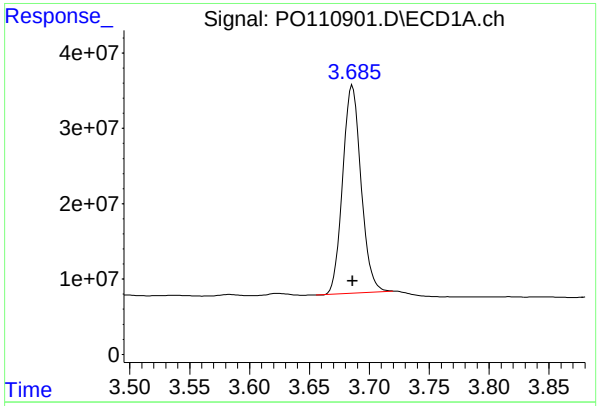
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 12:37:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 12:37:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



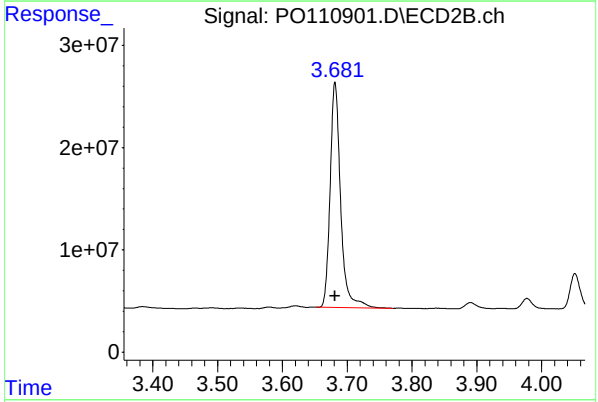




#1 Tetrachloro-m-xylene

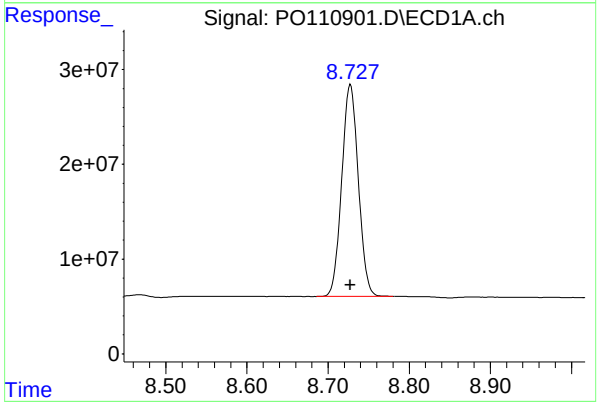
R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 294754000
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



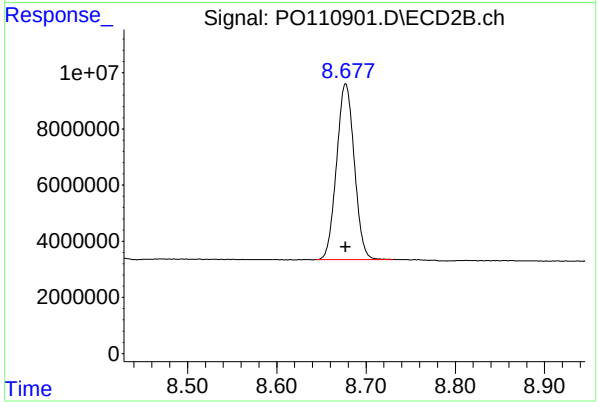
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 247587074
Conc: 50.00 ng/ml



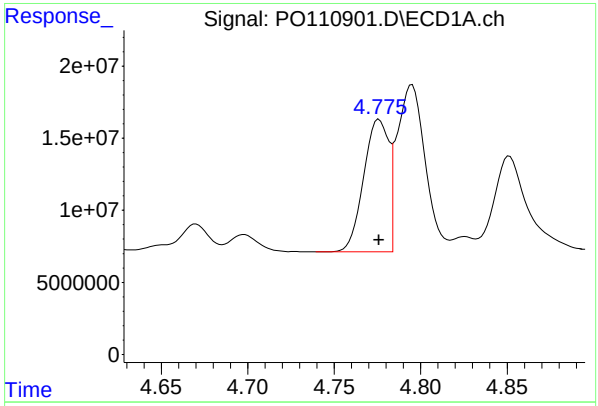
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 318086169
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

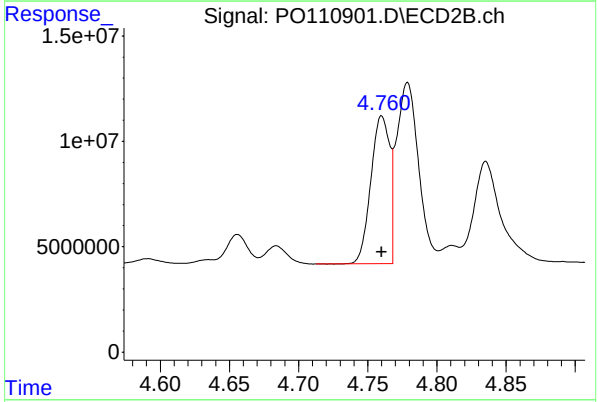
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 86153414
Conc: 50.00 ng/ml



#16 AR-1242-1

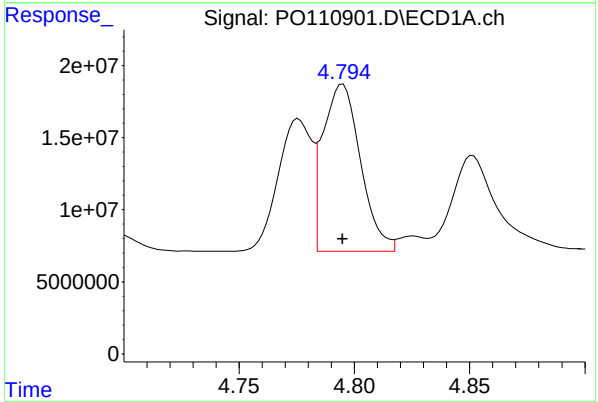
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 92951669
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



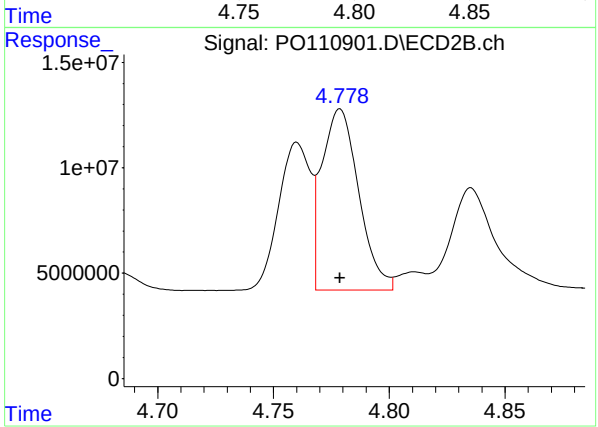
#16 AR-1242-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 66771882
Conc: 500.00 ng/ml



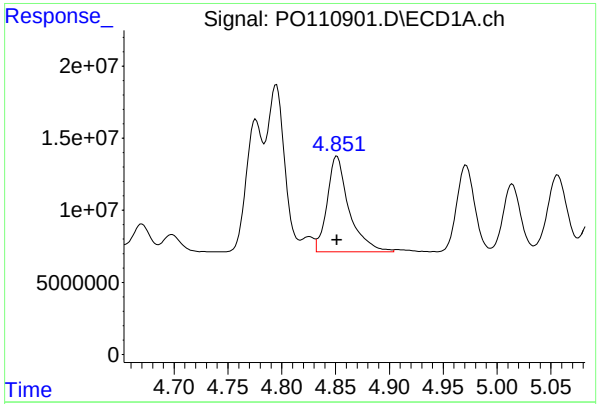
#17 AR-1242-2

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 131168534
Conc: 500.00 ng/ml



#17 AR-1242-2

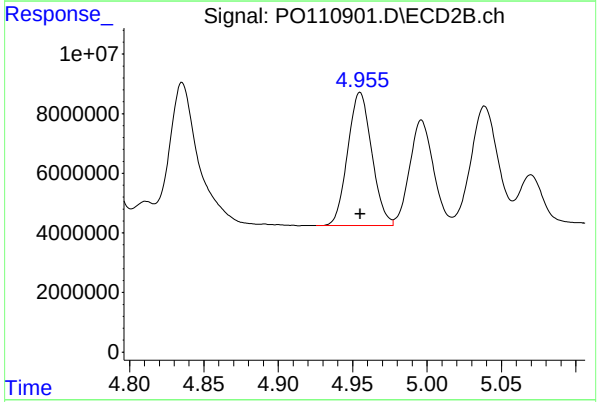
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 95559690
Conc: 500.00 ng/ml



#18 AR-1242-3

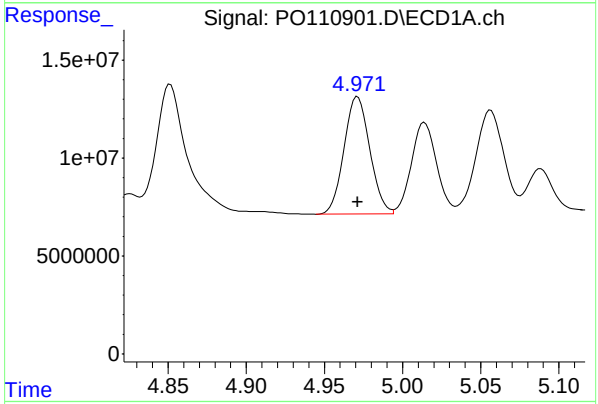
R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 93773385
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



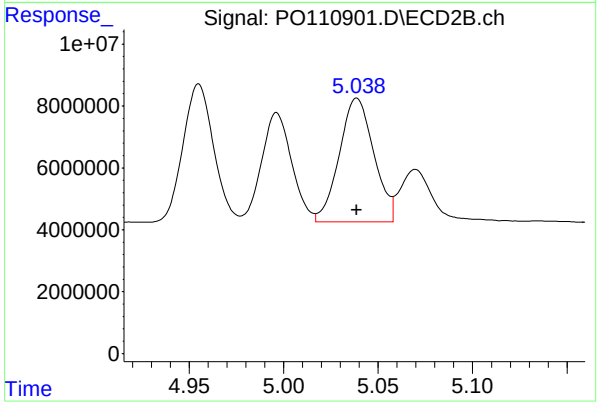
#18 AR-1242-3

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 50364487
Conc: 500.00 ng/ml



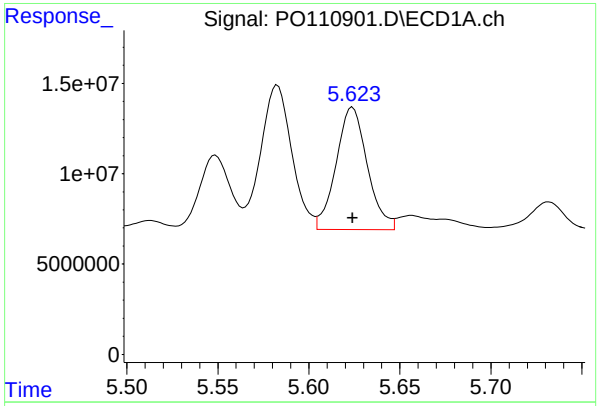
#19 AR-1242-4

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 68984065
Conc: 500.00 ng/ml



#19 AR-1242-4

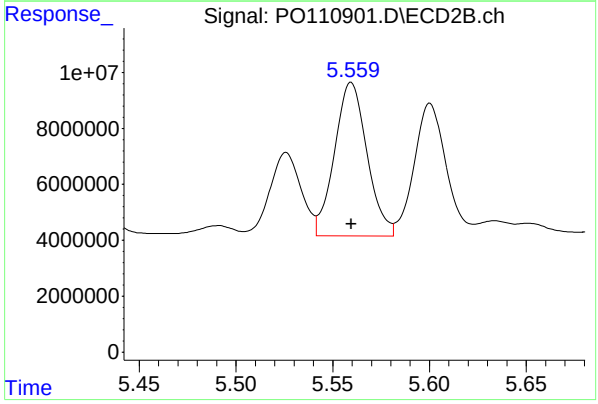
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 50924005
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.624 min
Delta R.T.: 0.000 mi
Response: 80995537
Conc: 500.00 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 64235014
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 12:48
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: May 02 12:56:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 12:55:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.681	146.5E6	122.9E6	24.909	24.773
2)	SA Decachlor...	8.728	8.677	169.7E6	46353742	26.968	27.226
	Target Compounds						
16)	L4 AR-1242-1	4.776	4.760	47966923	34365565	259.326	259.879
17)	L4 AR-1242-2	4.795	4.779	67164450	49510044	258.606	259.358
18)	L4 AR-1242-3	4.851	4.955	46325051	26360901	255.742	260.418
19)	L4 AR-1242-4	4.971	5.039	36222152	27070746	258.870	265.517
20)	L4 AR-1242-5	5.624	5.560	40019788	32392353	258.667	259.840

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

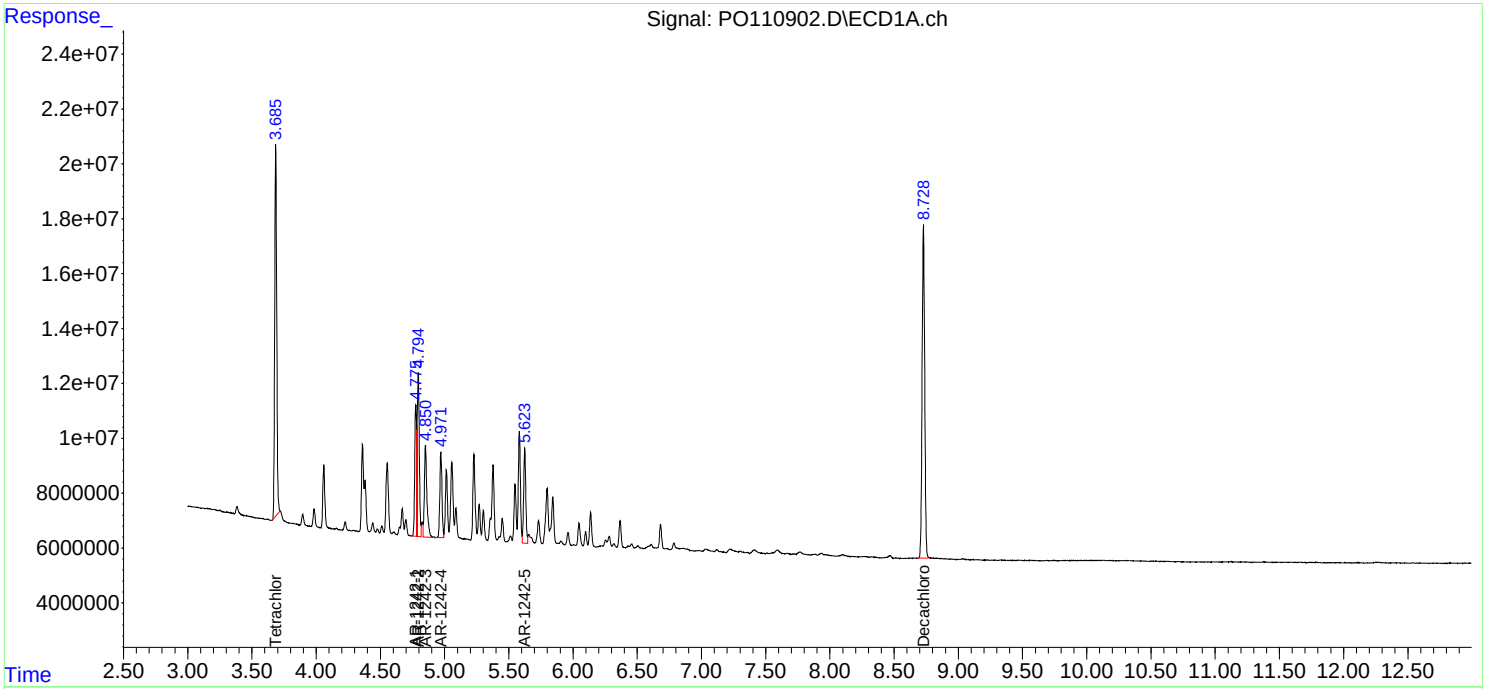
ICAL Form

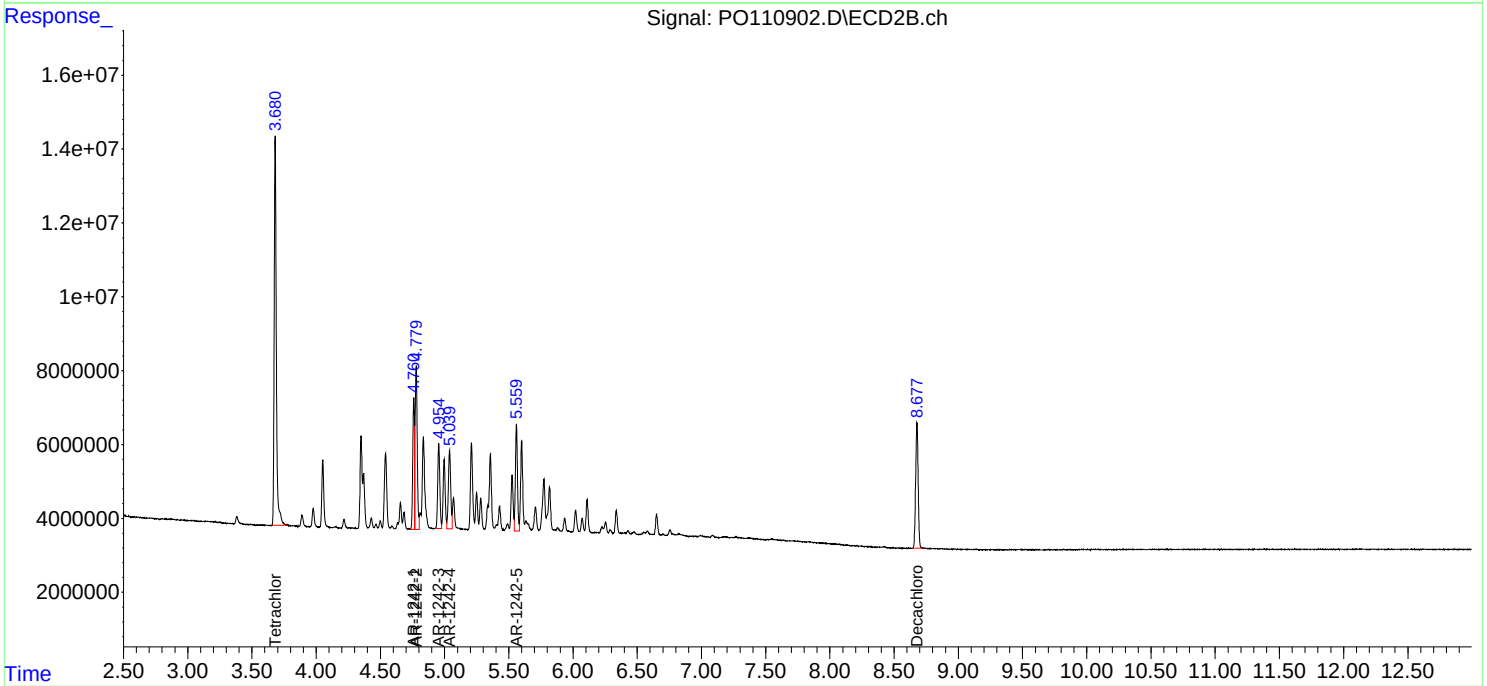
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 12:48
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

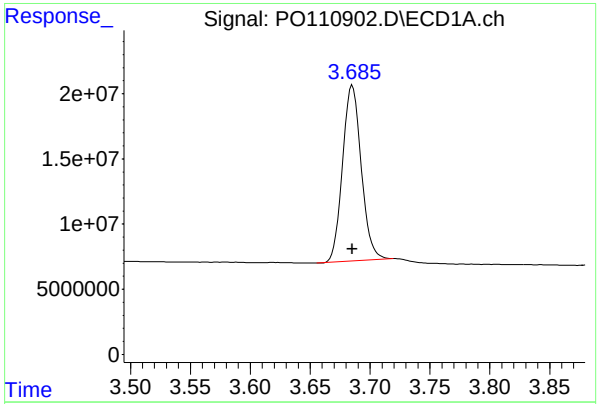
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 12:56:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 12:55:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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



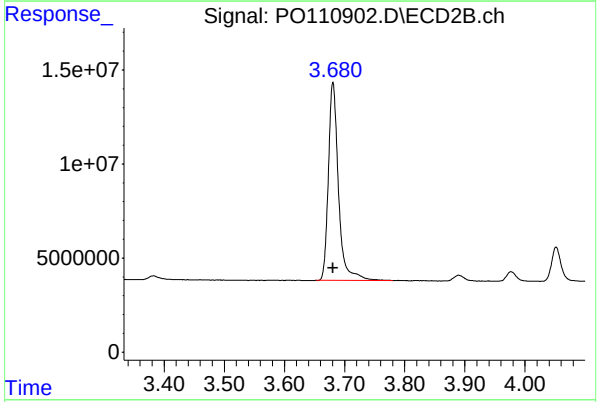




#1 Tetrachloro-m-xylene

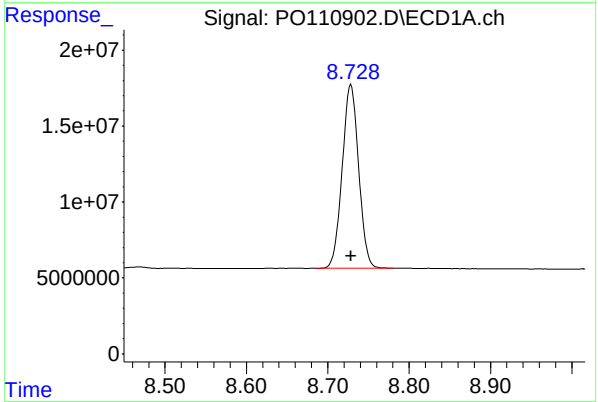
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 146488922
Conc: 24.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



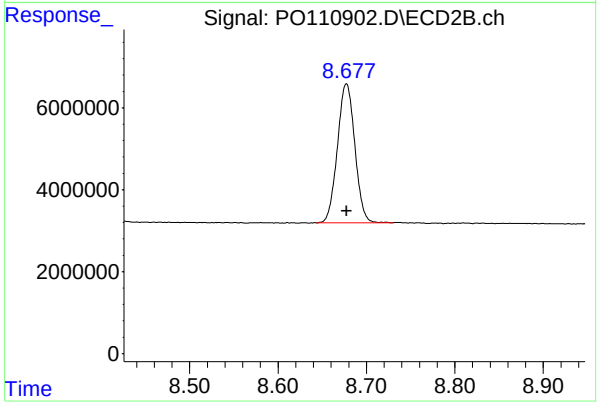
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 122932914
Conc: 24.77 ng/ml



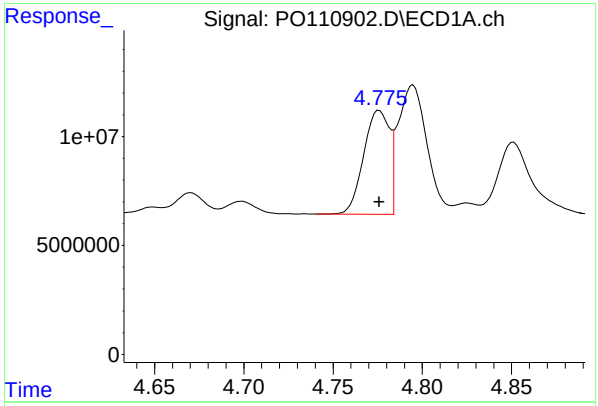
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 169730682
Conc: 26.97 ng/ml



#2 Decachlorobiphenyl

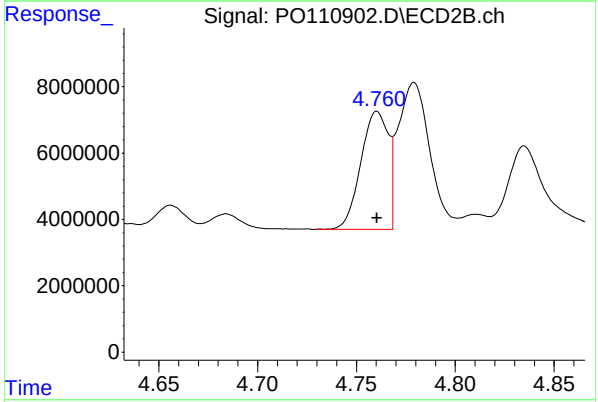
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 46353742
Conc: 27.23 ng/ml



#16 AR-1242-1

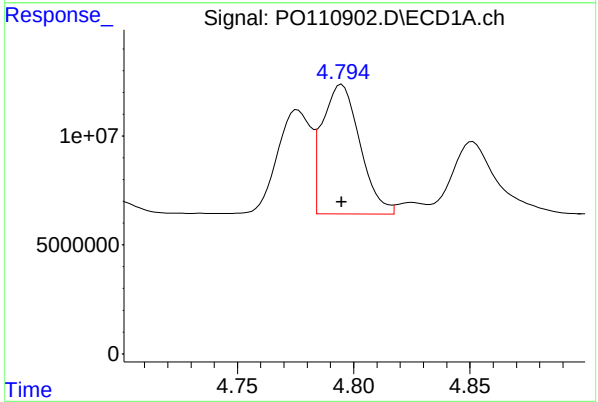
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 47966923
Conc: 259.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



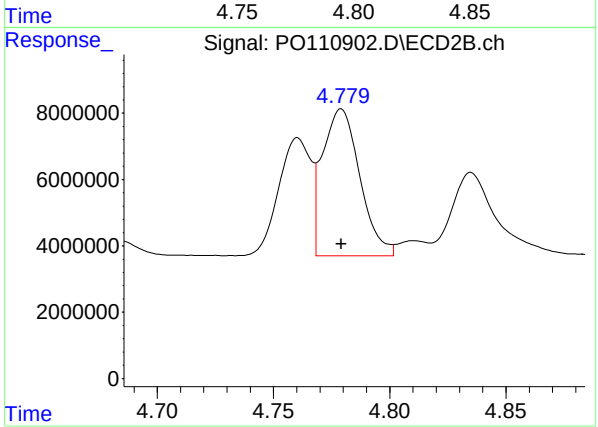
#16 AR-1242-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 34365565
Conc: 259.88 ng/ml



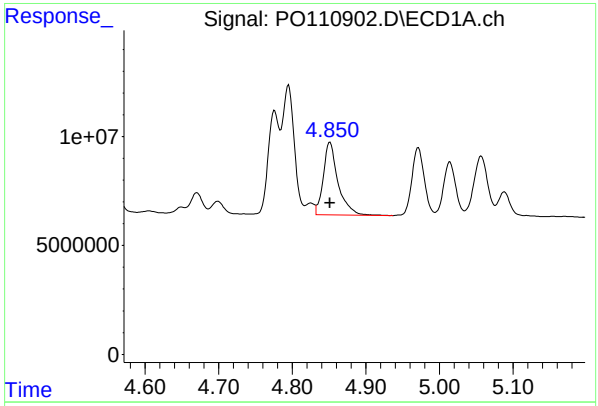
#17 AR-1242-2

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 67164450
Conc: 258.61 ng/ml



#17 AR-1242-2

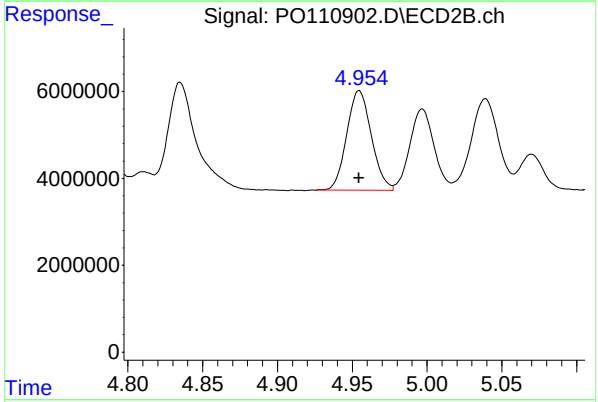
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 49510044
Conc: 259.36 ng/ml



#18 AR-1242-3

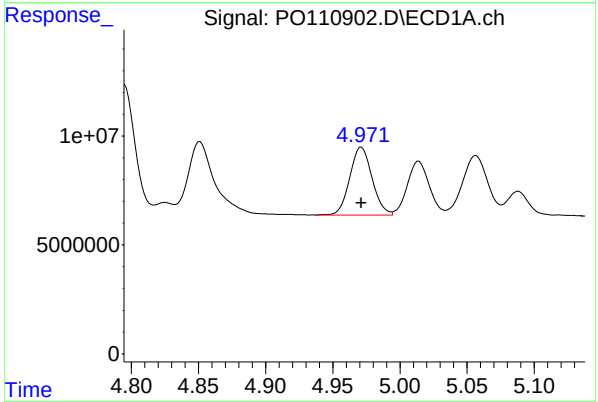
R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 46325051
Conc: 255.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



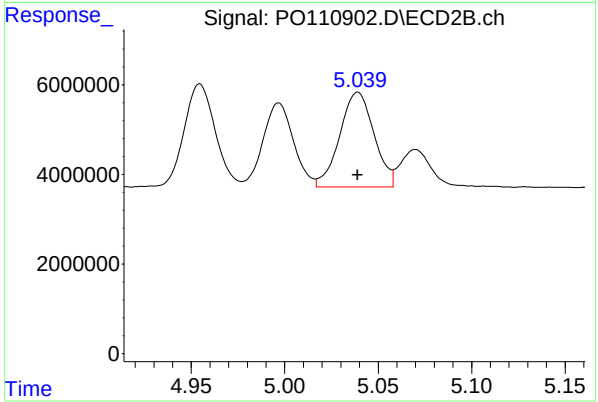
#18 AR-1242-3

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 26360901
Conc: 260.42 ng/ml



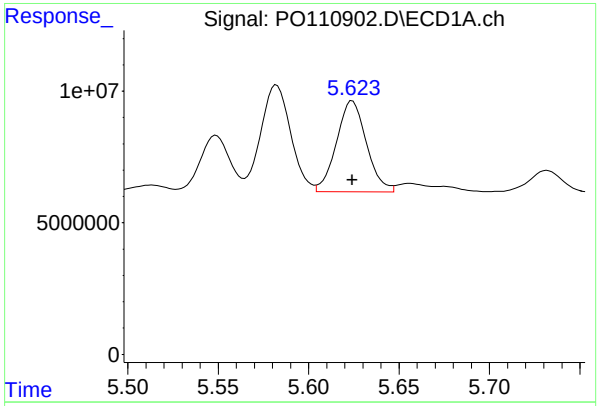
#19 AR-1242-4

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 36222152
Conc: 258.87 ng/ml



#19 AR-1242-4

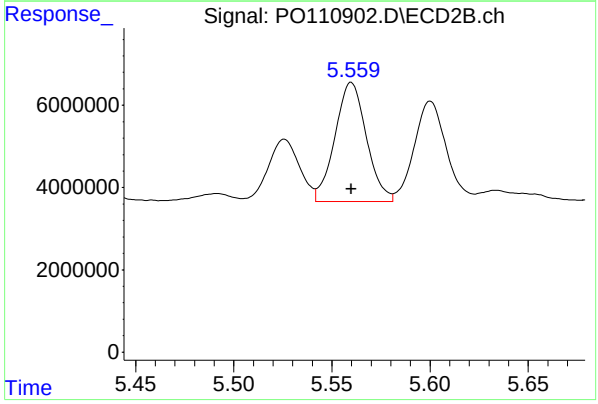
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 27070746
Conc: 265.52 ng/ml



#20 AR-1242-5

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 40019788
Conc: 258.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 32392353
Conc: 259.84 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 13:06
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 13:14:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 13:14:11 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...	3.685	3.681	26290852	21660801	4.567	4.479
2)	SA Decachlor...	8.728	8.677	32671925	9207509	5.152	5.321
	Target Compounds						
16)	L4 AR-1242-1	4.775	4.760	8988436	6634327	48.869	50.136
17)	L4 AR-1242-2	4.794	4.779	12457603	9339630	48.359	49.137
18)	L4 AR-1242-3	4.851	4.954	9299539	5085154	51.066	50.189
19)	L4 AR-1242-4	4.971	5.039	6928413	5536593	49.612	53.385
20)	L4 AR-1242-5	5.623	5.560	8030565	6708920	51.513	53.007

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

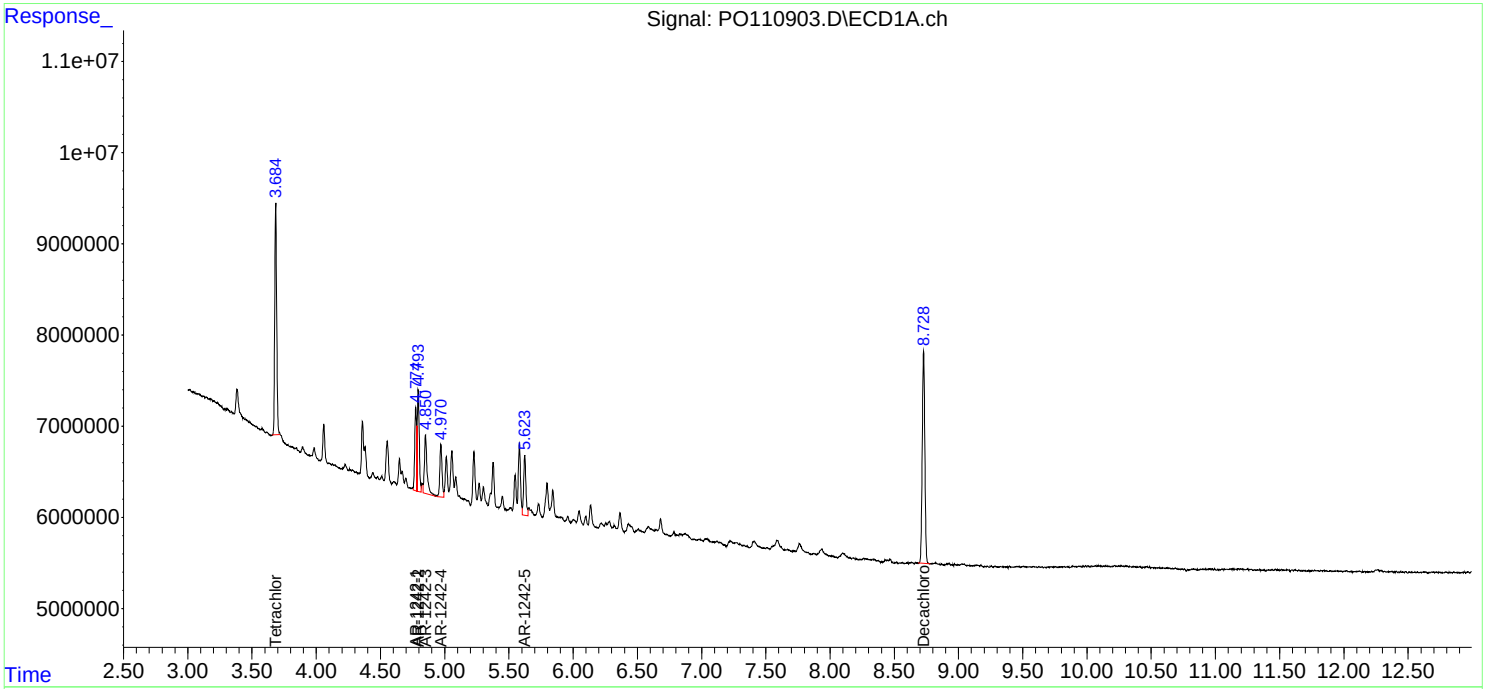
ICAL Form

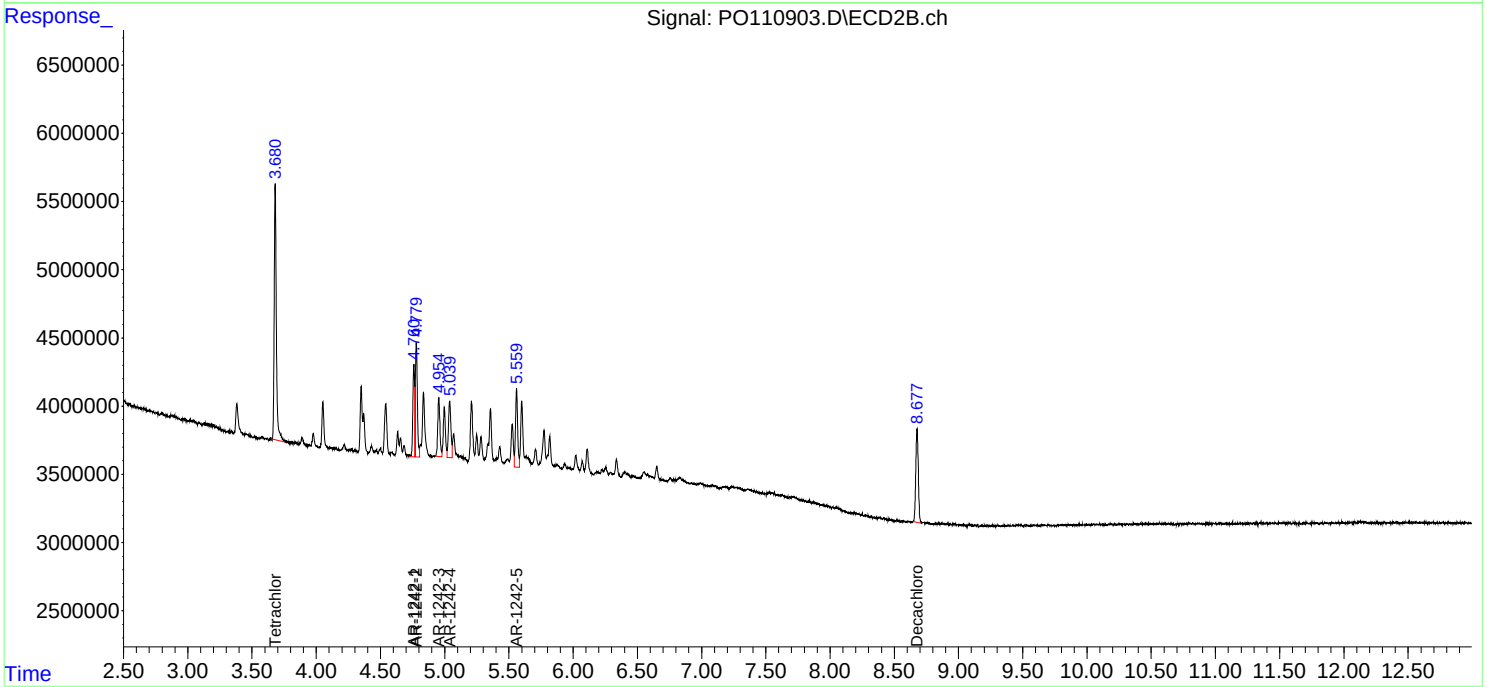
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 13:06
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

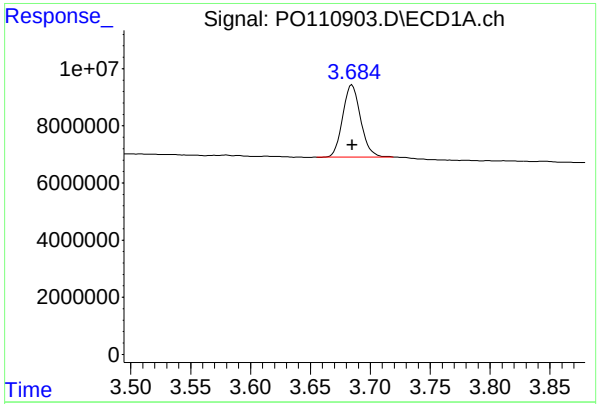
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 13:14:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 13:14:11 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



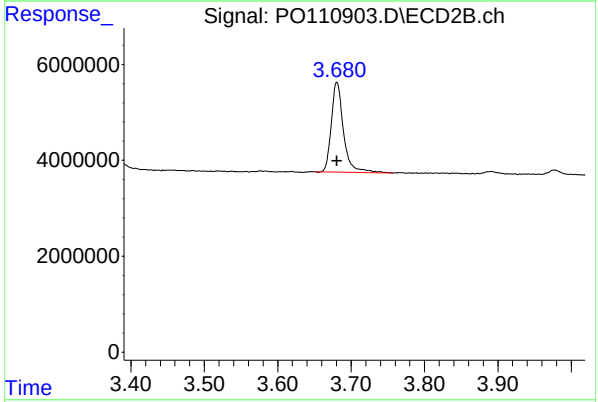




#1 Tetrachloro-m-xylene

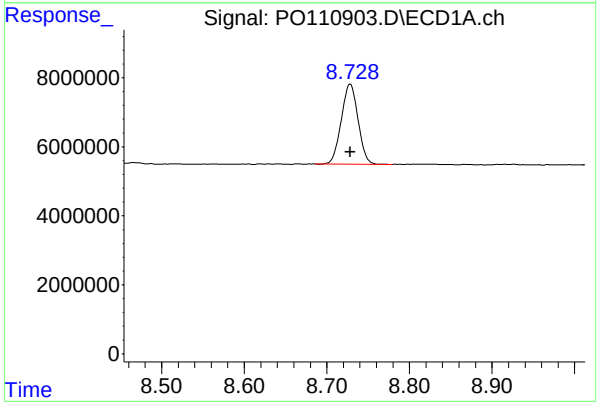
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 26290852
Conc: 4.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



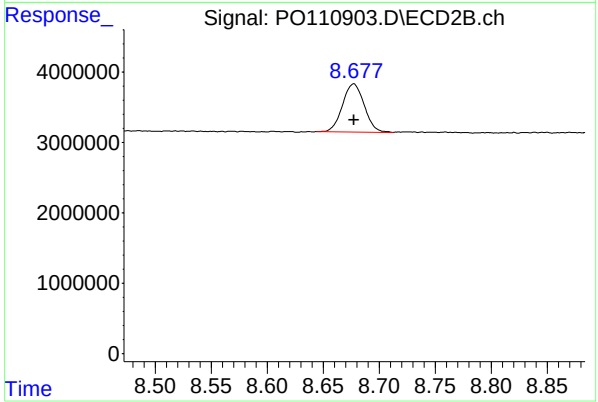
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 21660801
Conc: 4.48 ng/ml



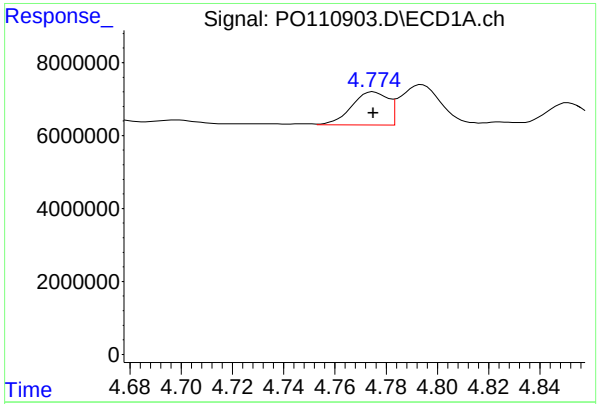
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 32671925
Conc: 5.15 ng/ml



#2 Decachlorobiphenyl

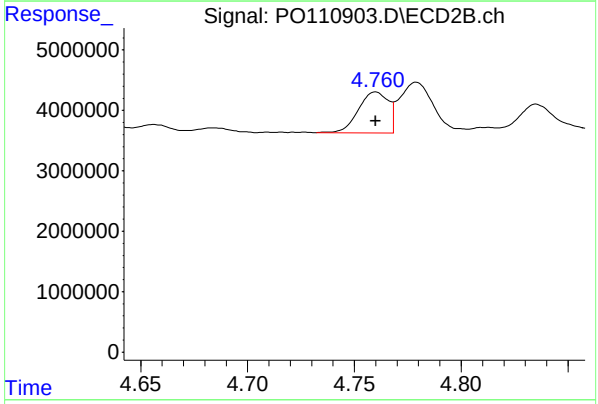
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 9207509
Conc: 5.32 ng/ml



#16 AR-1242-1

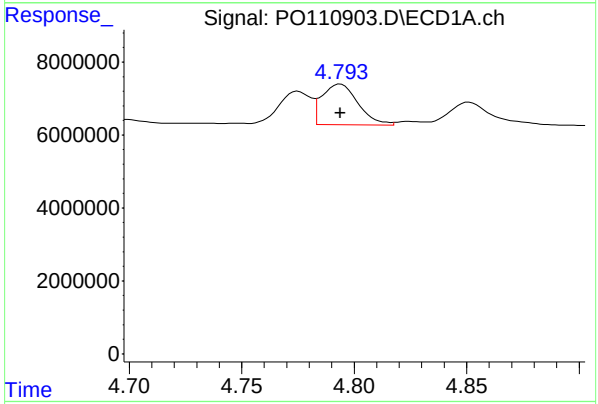
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 8988436
Conc: 48.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



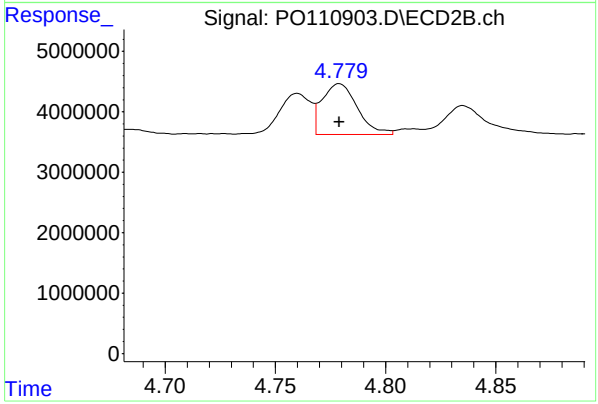
#16 AR-1242-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 6634327
Conc: 50.14 ng/ml



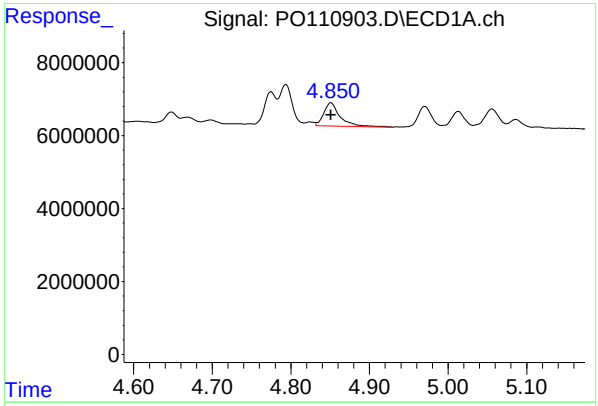
#17 AR-1242-2

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 12457603
Conc: 48.36 ng/ml



#17 AR-1242-2

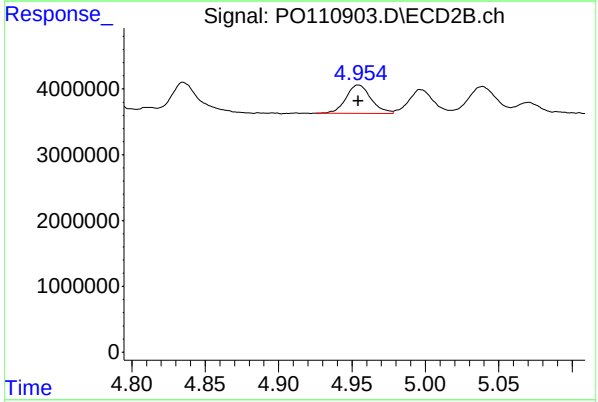
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 9339630
Conc: 49.14 ng/ml



#18 AR-1242-3

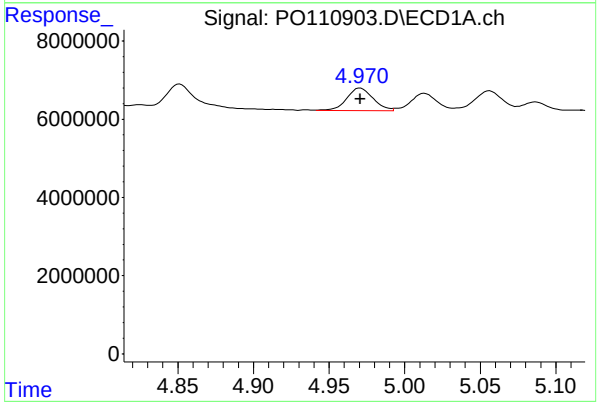
R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 9299539
Conc: 51.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



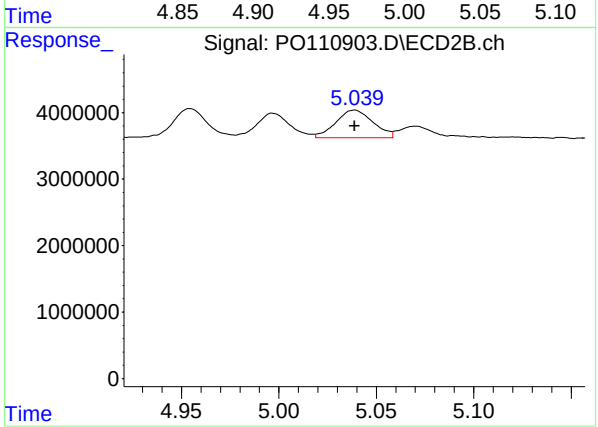
#18 AR-1242-3

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 5085154
Conc: 50.19 ng/ml



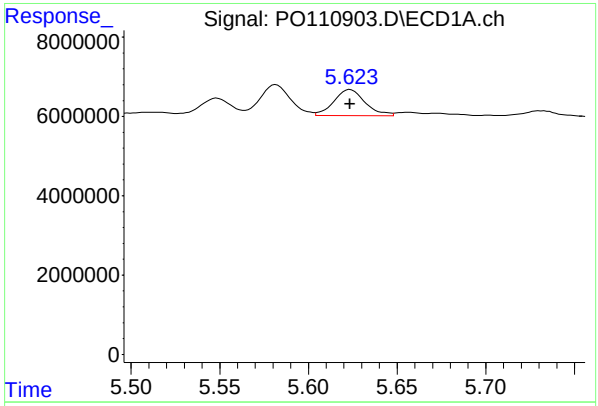
#19 AR-1242-4

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 6928413
Conc: 49.61 ng/ml



#19 AR-1242-4

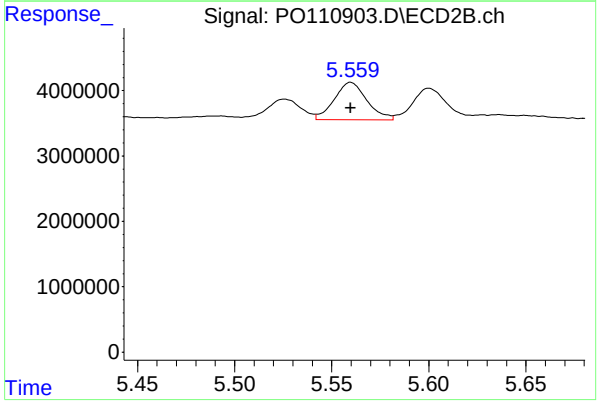
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 5536593
Conc: 53.39 ng/ml



#20 AR-1242-5

R.T.: 5.623 min
Delta R.T.: 0.000 mi
Response: 8030565
Conc: 51.51 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 6708920
Conc: 53.01 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 13:25
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: May 02 14:11:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 14:08:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.682	536.0E6	452.3E6	97.257	98.115
2)	SA Decachlor...	8.728	8.677	589.1E6	158.9E6	98.140	97.284
	Target Compounds						
21)	L5 AR-1248-1	4.775	4.760	121.5E6	87941740	964.038	957.720
22)	L5 AR-1248-2	5.014	4.997	162.7E6	122.9E6	974.982	972.514
23)	L5 AR-1248-3	5.229	5.039	203.4E6	130.6E6	951.625	962.382
24)	L5 AR-1248-4	5.582	5.210	300.1E6	152.9E6	949.801	955.495
25)	L5 AR-1248-5	5.624	5.601	214.6E6	153.8E6	946.132	959.961

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

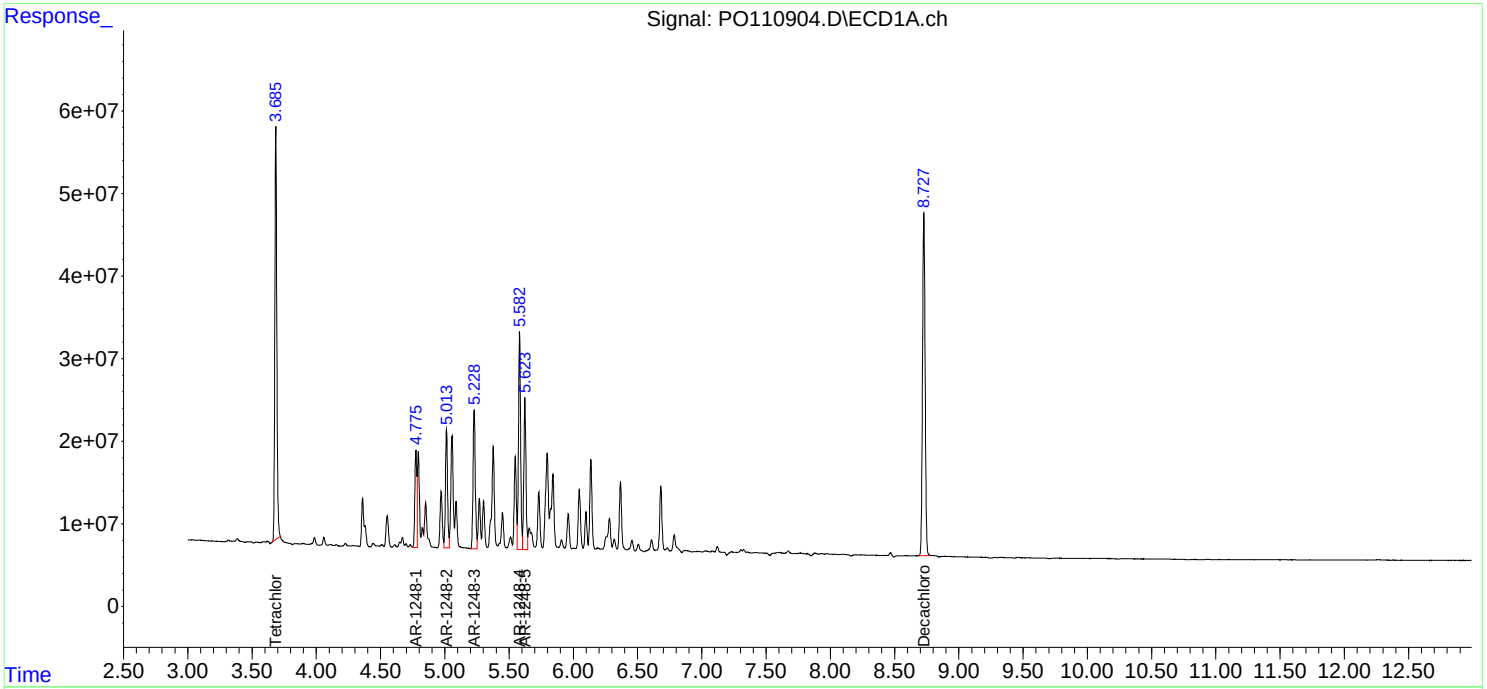
ICAL Form

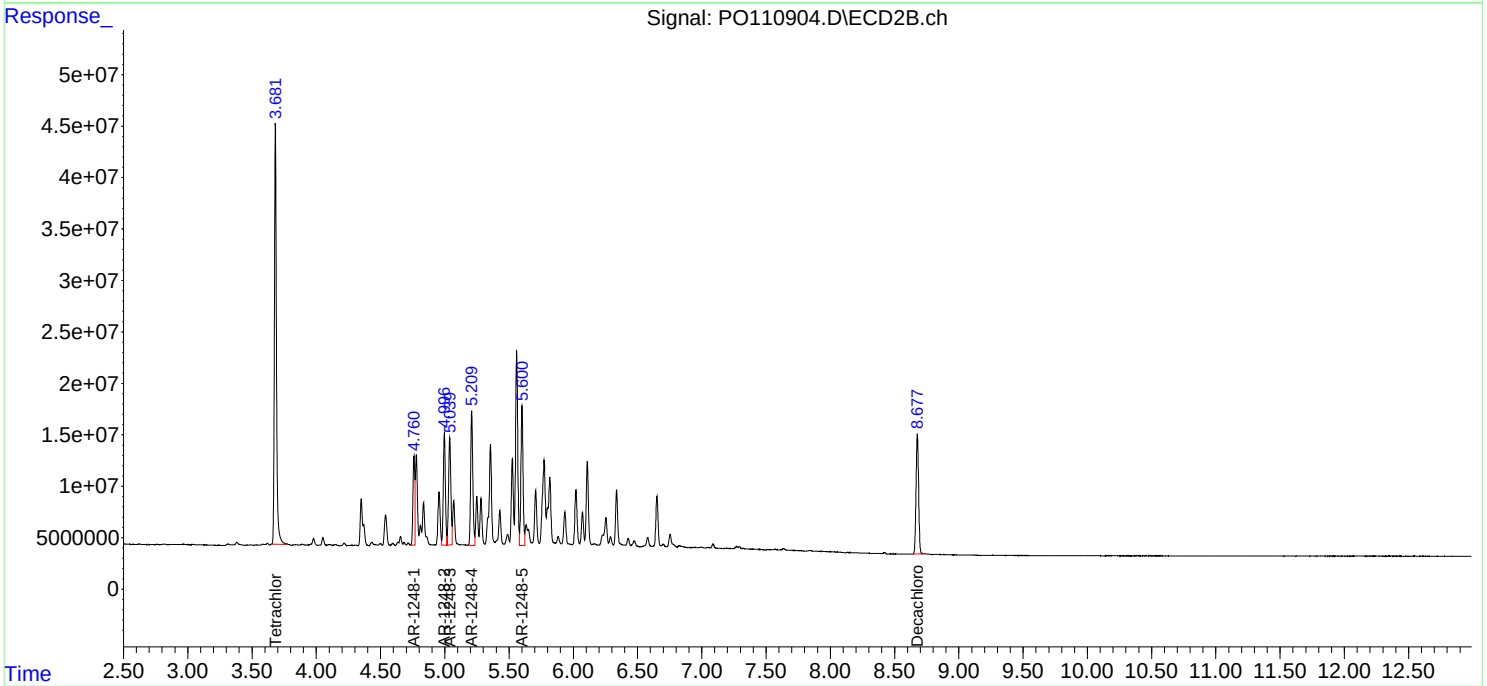
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 13:25
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

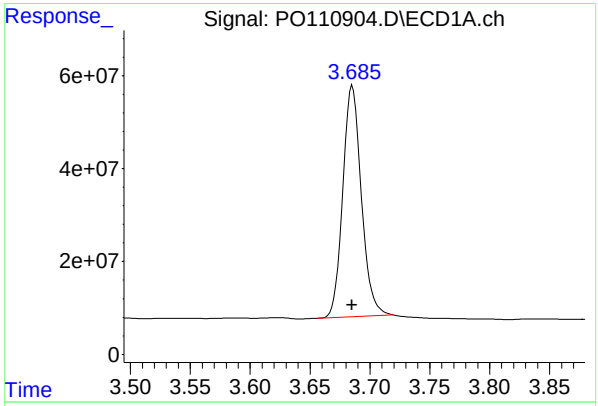
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 14:11:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 14:08:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



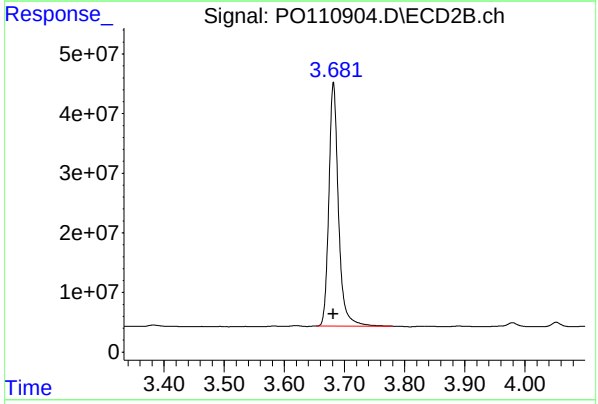




#1 Tetrachloro-m-xylene

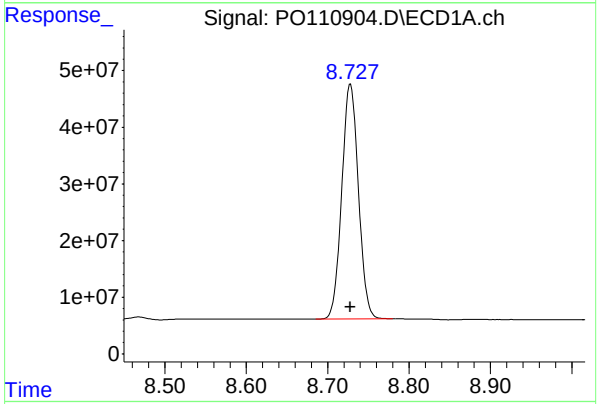
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 536049547
Conc: 97.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



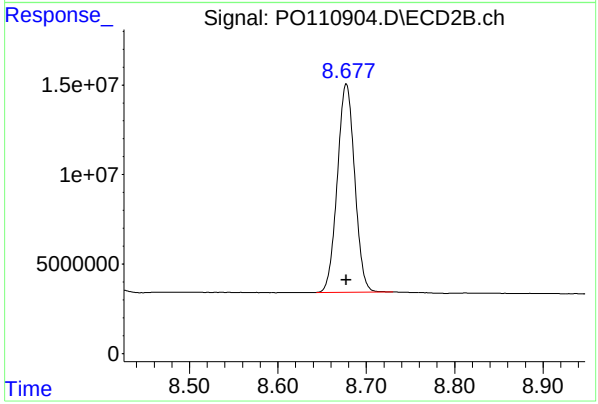
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: 0.000 min
Response: 452343240
Conc: 98.12 ng/ml



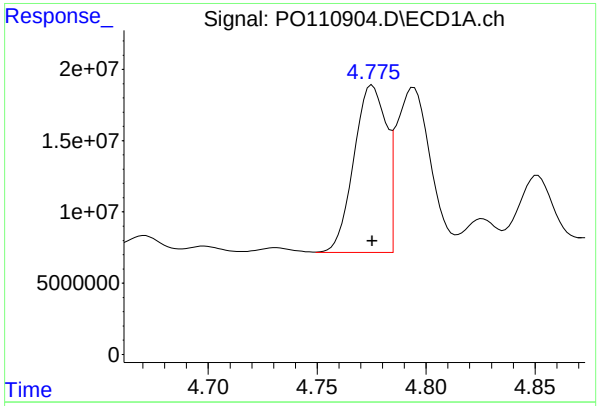
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 589054147
Conc: 98.14 ng/ml



#2 Decachlorobiphenyl

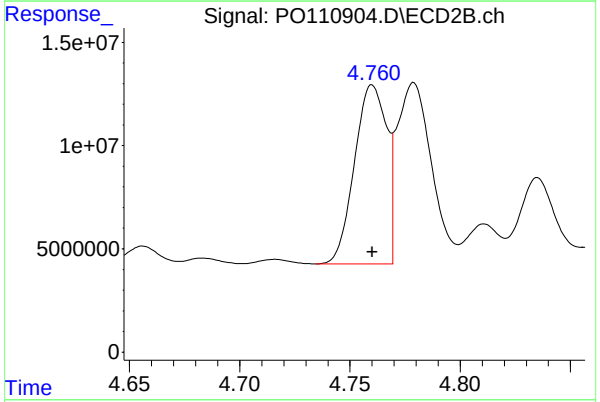
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 158881071
Conc: 97.28 ng/ml



#21 AR-1248-1

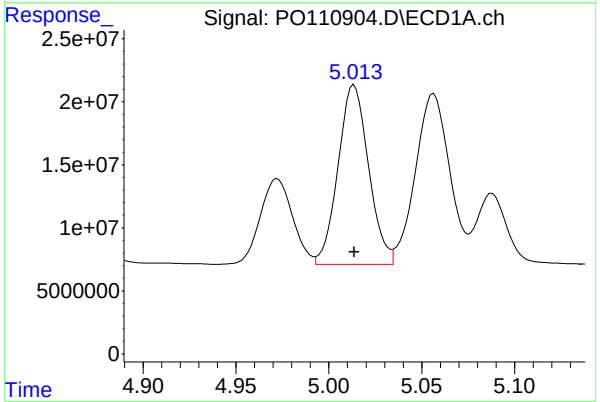
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 121536205
Conc: 964.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



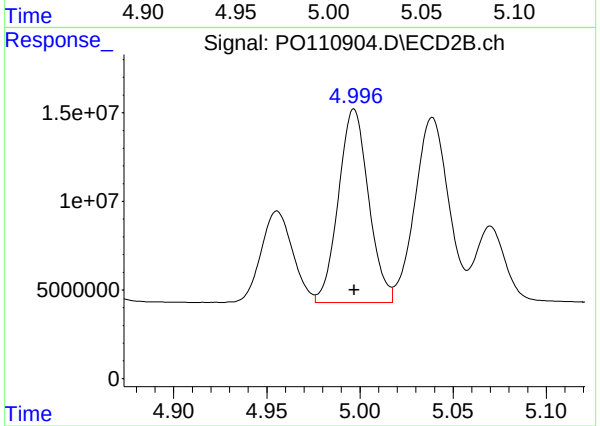
#21 AR-1248-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 87941740
Conc: 957.72 ng/ml



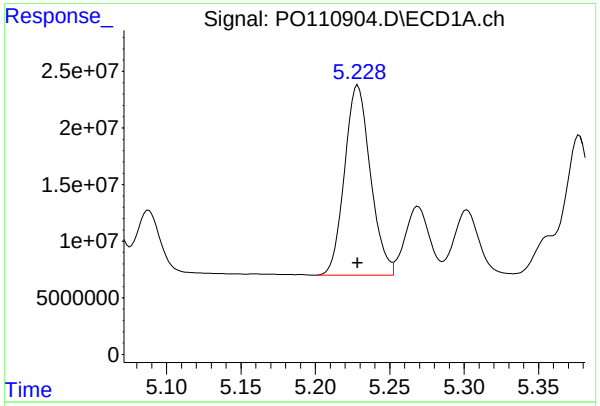
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 162731657
Conc: 974.98 ng/ml



#22 AR-1248-2

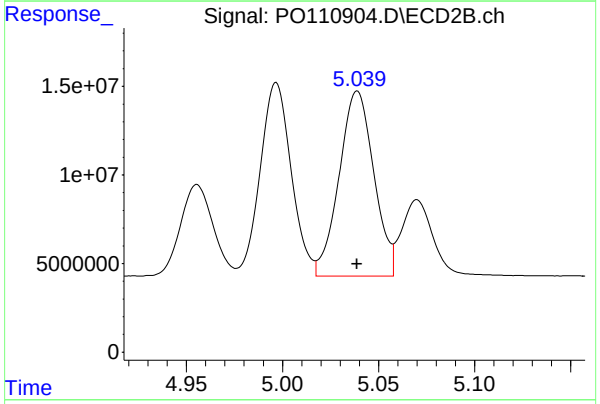
R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 122909953
Conc: 972.51 ng/ml



#23 AR-1248-3

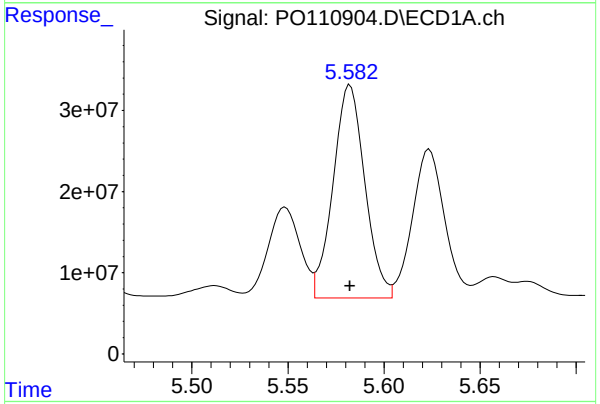
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 203361335
Conc: 951.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



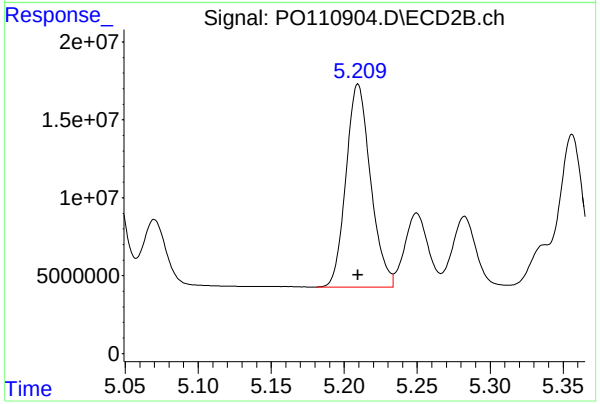
#23 AR-1248-3

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 130631111
Conc: 962.38 ng/ml



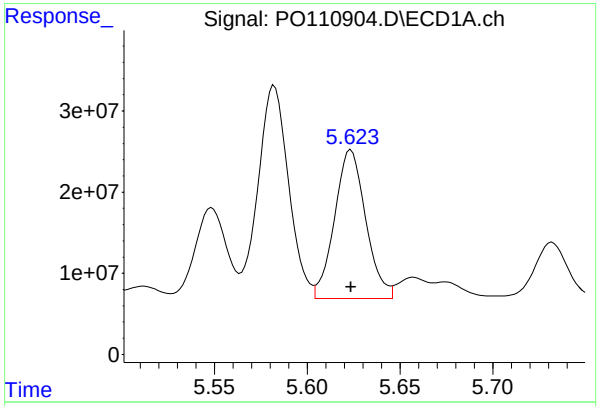
#24 AR-1248-4

R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 300072071
Conc: 949.80 ng/ml



#24 AR-1248-4

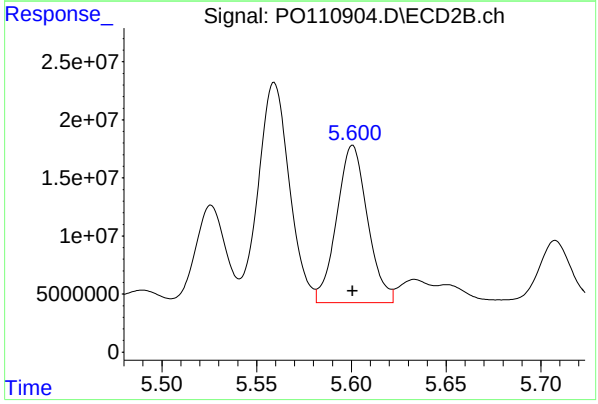
R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 152910119
Conc: 955.49 ng/ml



#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 214600452
Conc: 946.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 153836776
Conc: 959.96 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 13:43
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: May 02 14:13:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 14:08:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.681	415.0E6	348.6E6	75.194	75.407
2)	SA Decachlor...	8.727	8.678	451.2E6	122.1E6	75.117	74.848
	Target Compounds						
21)	L5 AR-1248-1	4.775	4.760	95778949	69721162	756.458	756.169
22)	L5 AR-1248-2	5.014	4.996	128.5E6	96107768	763.213	756.931
23)	L5 AR-1248-3	5.229	5.038	159.7E6	102.5E6	748.203	753.355
24)	L5 AR-1248-4	5.582	5.209	236.7E6	119.7E6	749.486	748.755
25)	L5 AR-1248-5	5.624	5.600	170.3E6	120.7E6	750.670	752.217

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

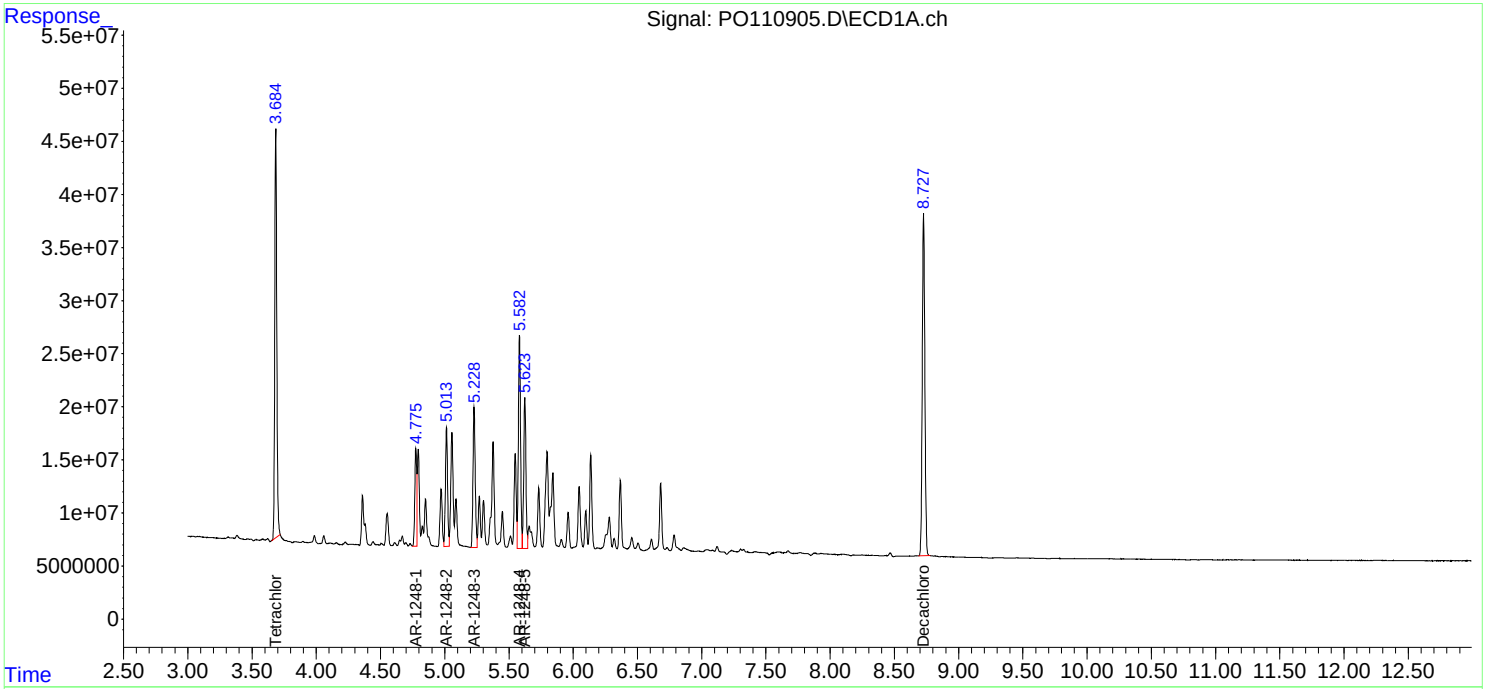
ICAL Form

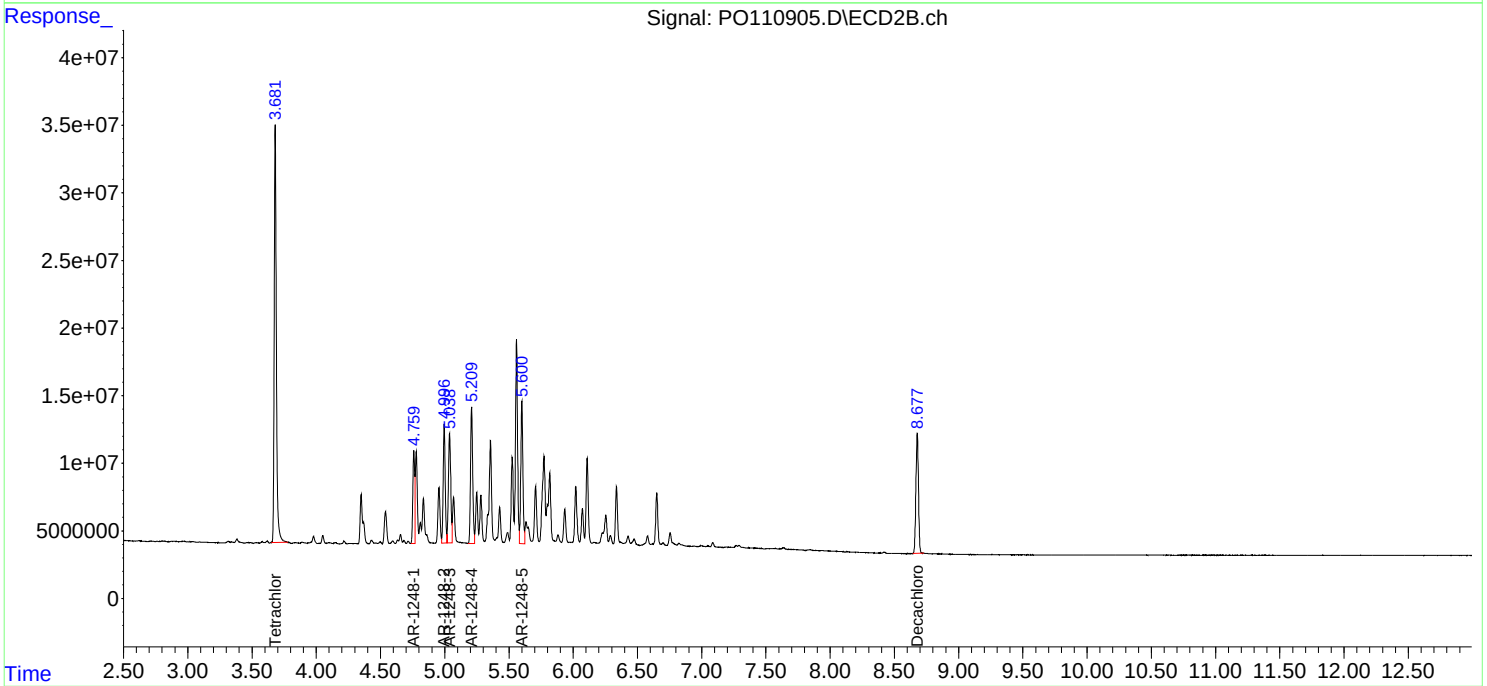
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 13:43
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

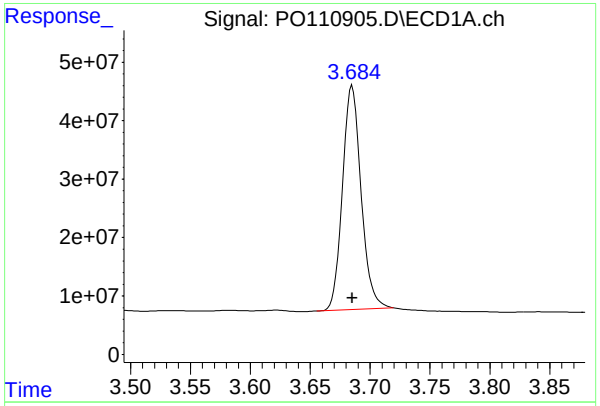
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 14:13:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 14:08:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



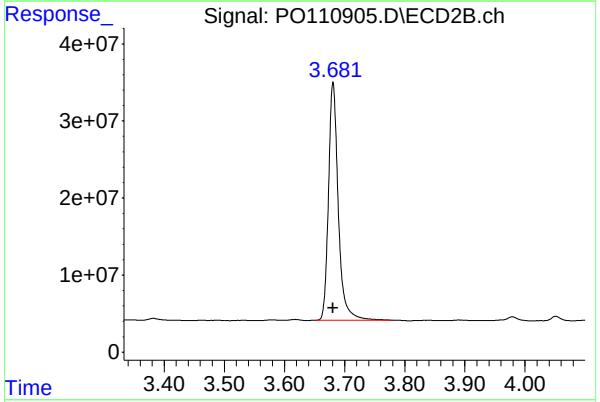




#1 Tetrachloro-m-xylene

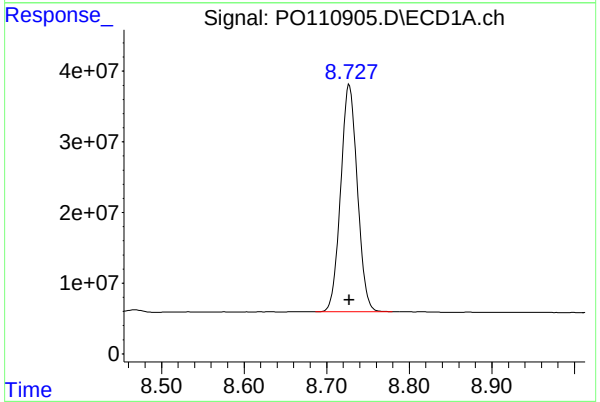
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 414979123
Conc: 75.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



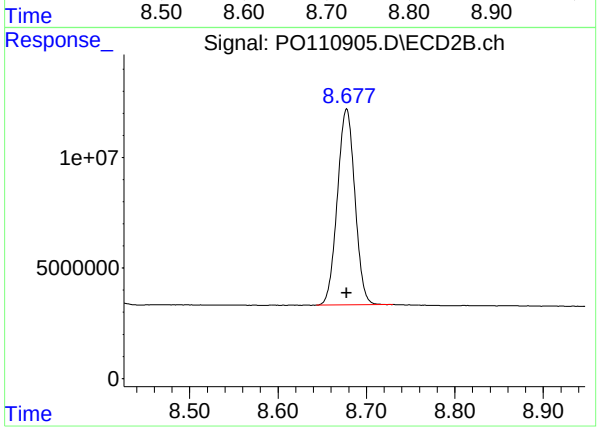
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 348597075
Conc: 75.41 ng/ml



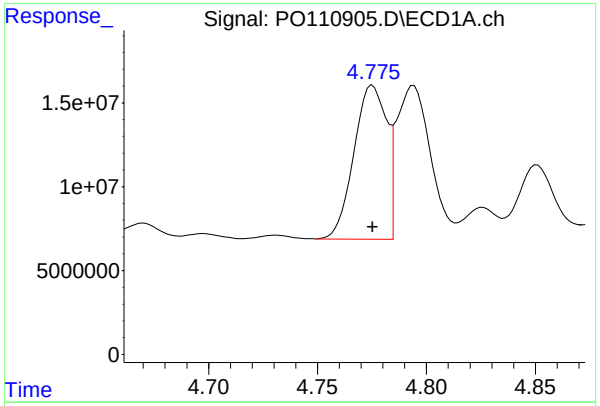
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: 0.000 min
Response: 451213949
Conc: 75.12 ng/ml



#2 Decachlorobiphenyl

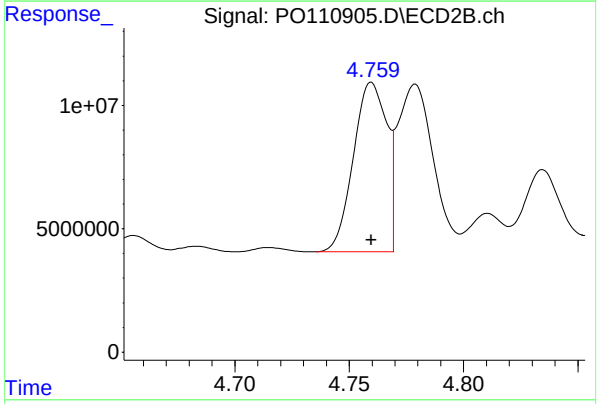
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 122114248
Conc: 74.85 ng/ml



#21 AR-1248-1

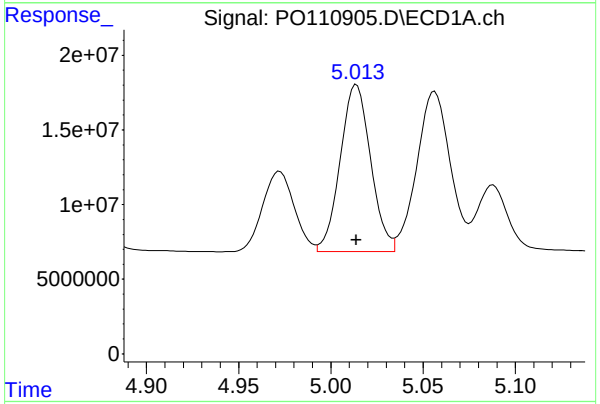
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 95778949
Conc: 756.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



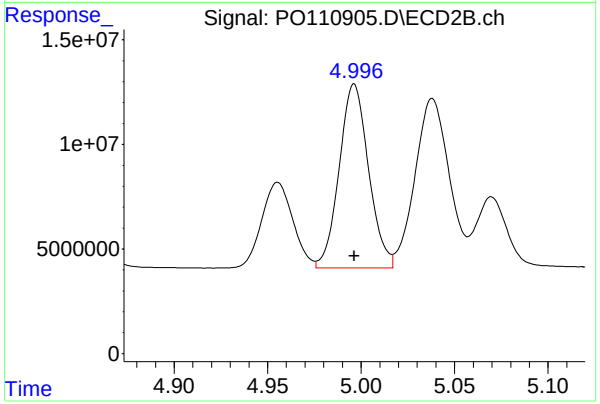
#21 AR-1248-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 69721162
Conc: 756.17 ng/ml



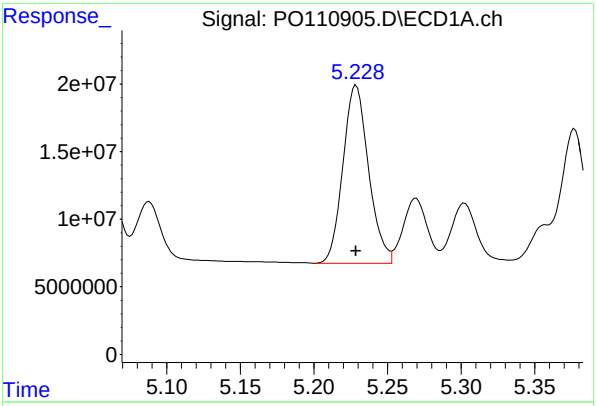
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 128517779
Conc: 763.21 ng/ml



#22 AR-1248-2

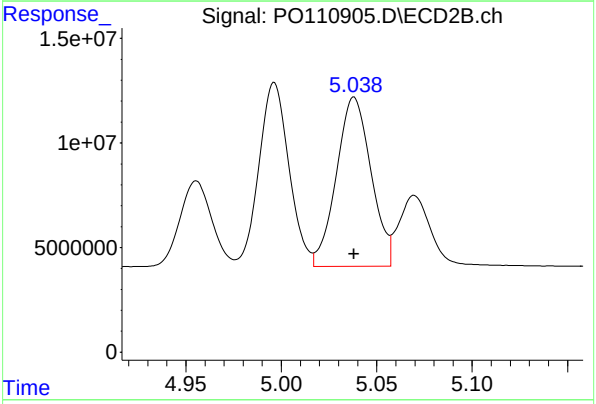
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 96107768
Conc: 756.93 ng/ml



#23 AR-1248-3

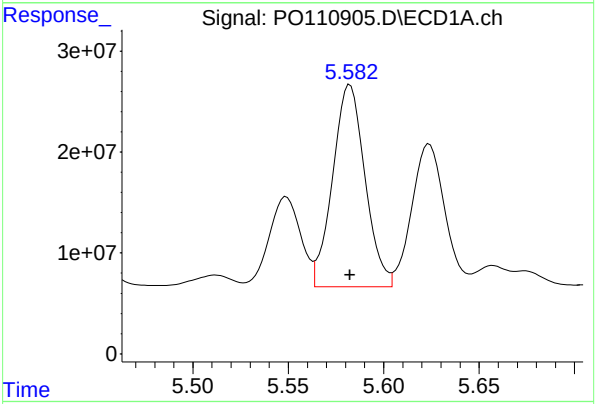
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 159699001
Conc: 748.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



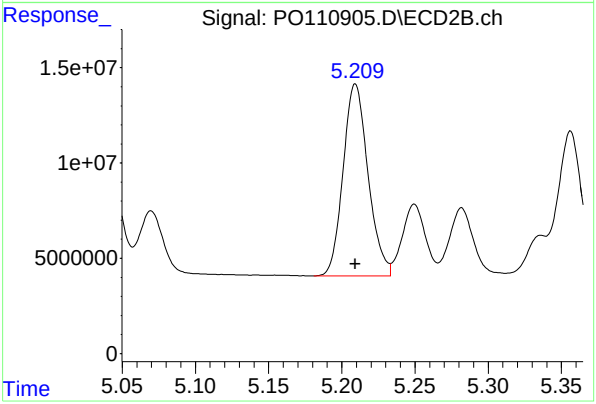
#23 AR-1248-3

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 102487568
Conc: 753.36 ng/ml



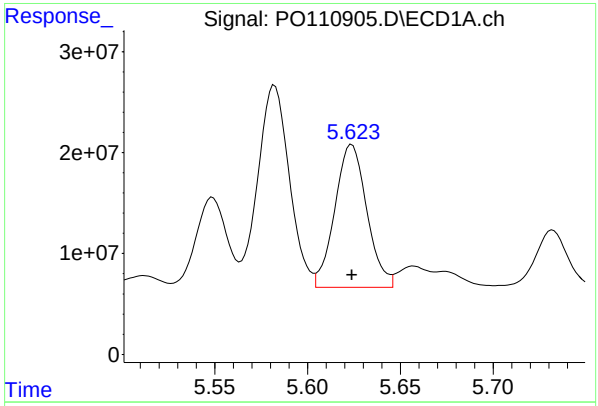
#24 AR-1248-4

R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 236704983
Conc: 749.49 ng/ml



#24 AR-1248-4

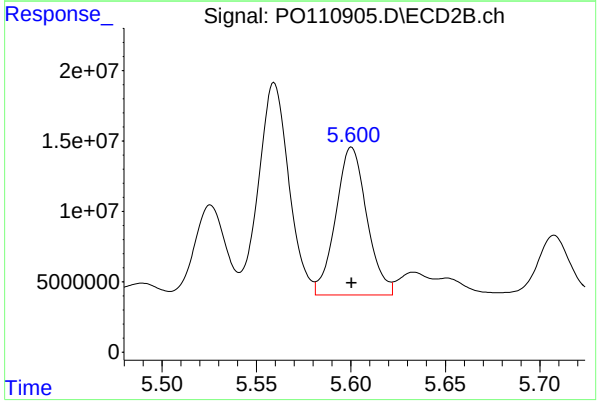
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 119725689
Conc: 748.76 ng/ml



#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 170342079
Conc: 750.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 120723571
Conc: 752.22 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 14:00
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: May 02 14:08:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 14:08:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.683	3.681	283.1E6	234.9E6	50.000	50.000
2)	SA Decachlor...	8.726	8.677	305.7E6	83875453	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.773	4.759	65301805	47853144	500.000	500.000
22)	L5 AR-1248-2	5.012	4.996	85541453	64928755	500.000	500.000
23)	L5 AR-1248-3	5.226	5.038	112.0E6	70421688	500.000	500.000
24)	L5 AR-1248-4	5.580	5.208	165.9E6	83577334	500.000	500.000
25)	L5 AR-1248-5	5.622	5.600	119.5E6	83334832	500.000	500.000

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

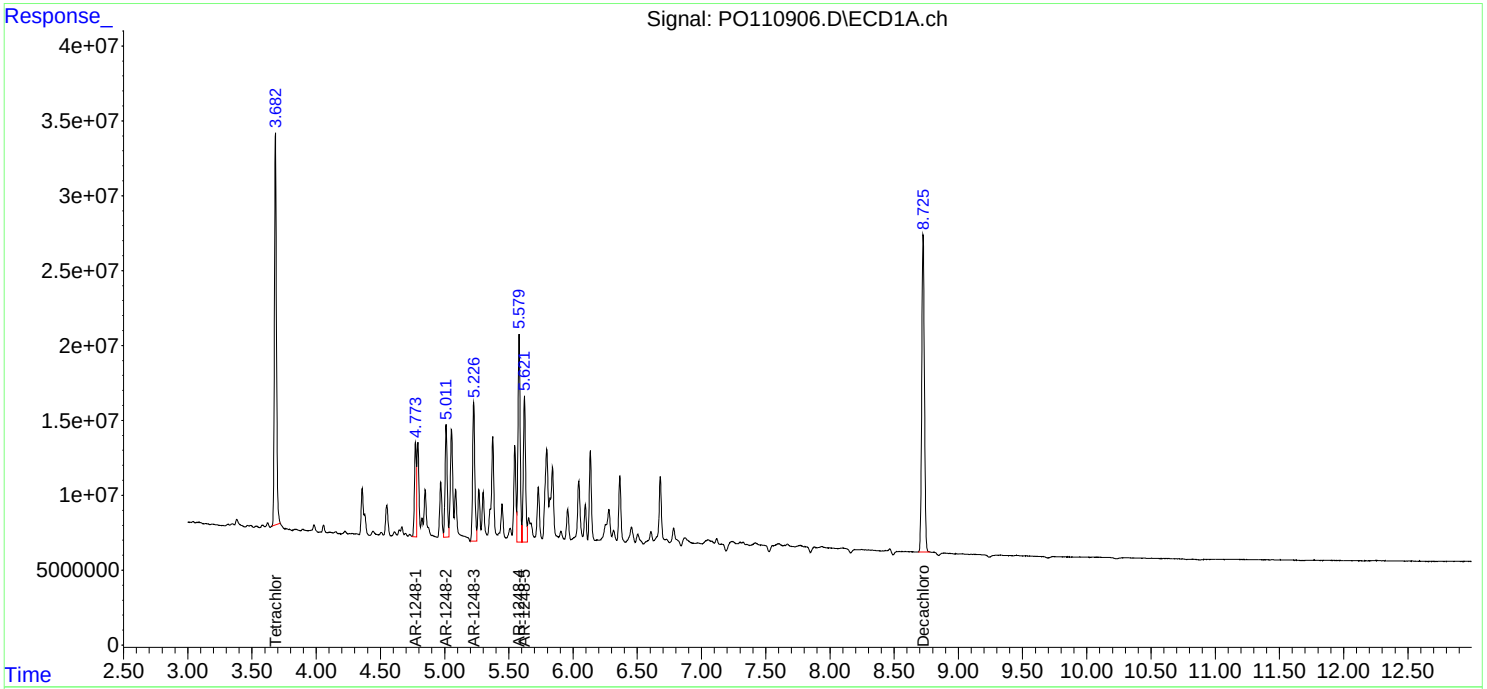
ICAL Form

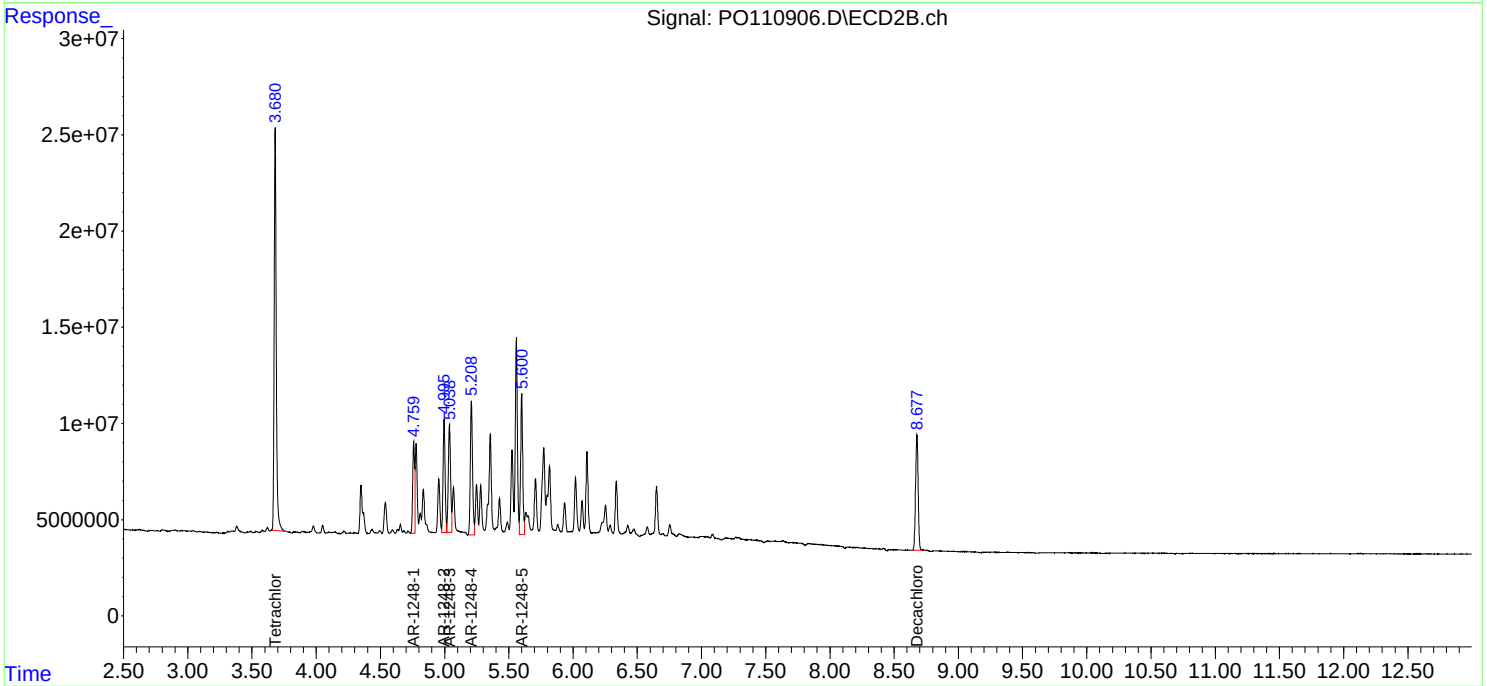
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 14:00
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

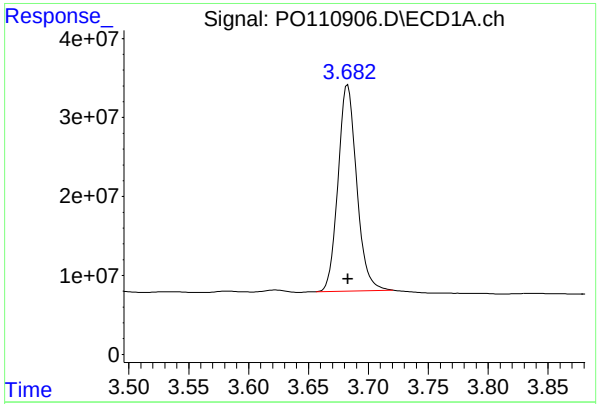
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 14:08:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 14:08:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



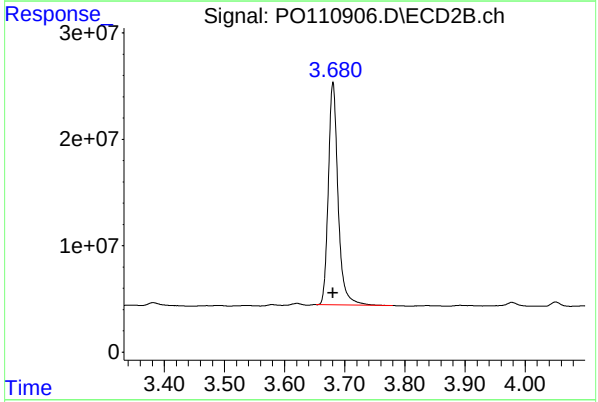




#1 Tetrachloro-m-xylene

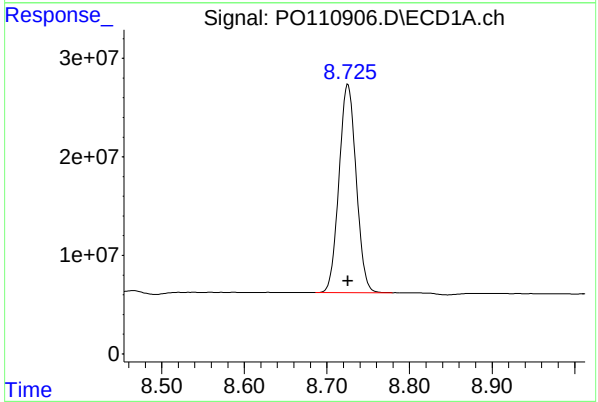
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 283141120
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



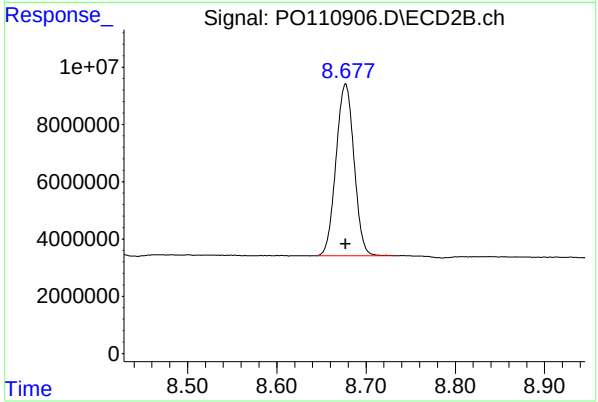
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 234859876
Conc: 50.00 ng/ml



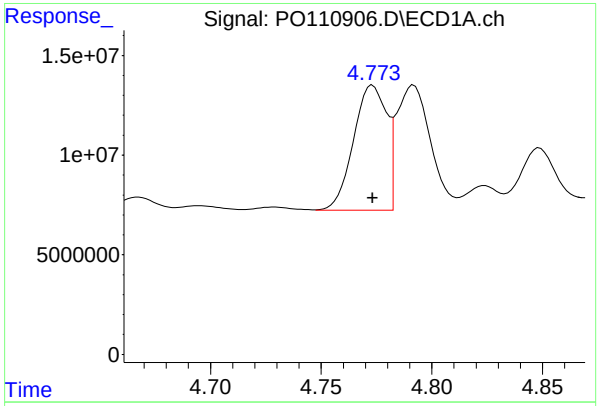
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 305689115
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

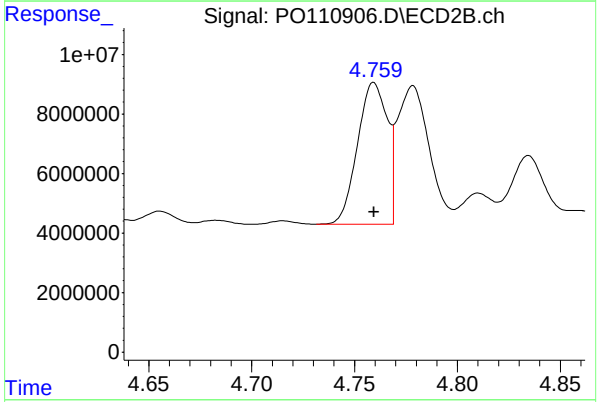
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 83875453
Conc: 50.00 ng/ml



#21 AR-1248-1

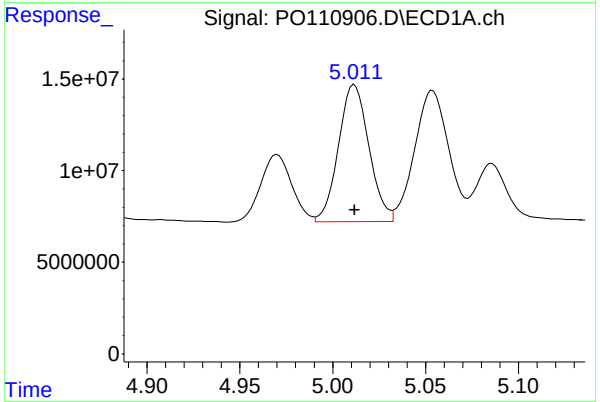
R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 65301805
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



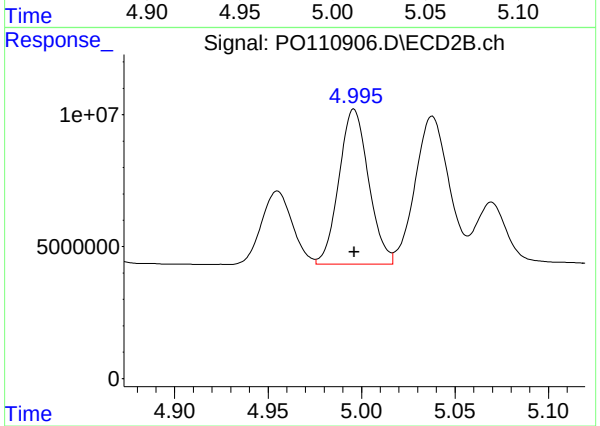
#21 AR-1248-1

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 47853144
Conc: 500.00 ng/ml



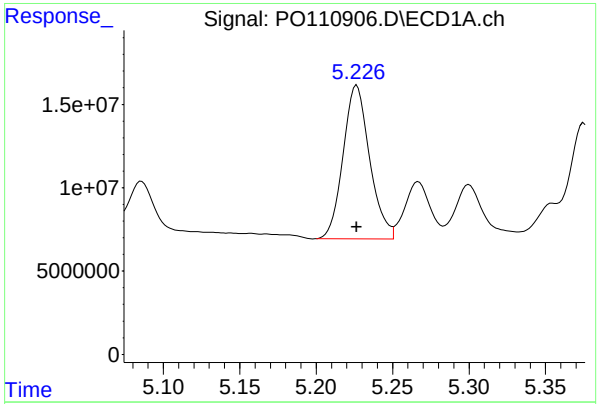
#22 AR-1248-2

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 85541453
Conc: 500.00 ng/ml



#22 AR-1248-2

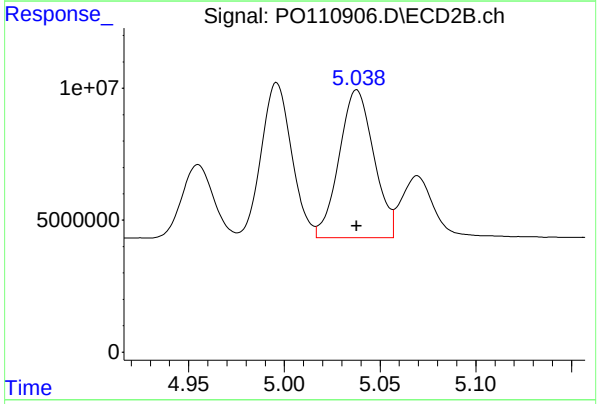
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 64928755
Conc: 500.00 ng/ml



#23 AR-1248-3

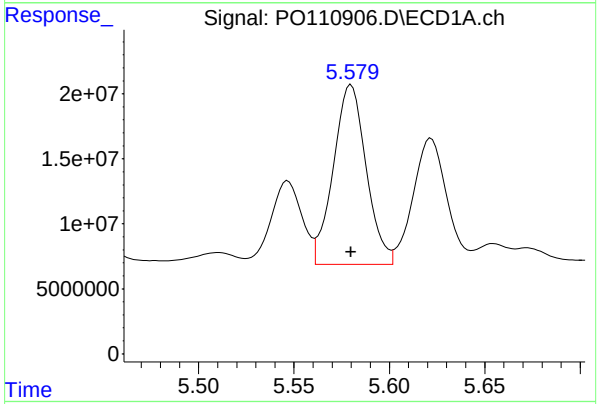
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 112018258
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



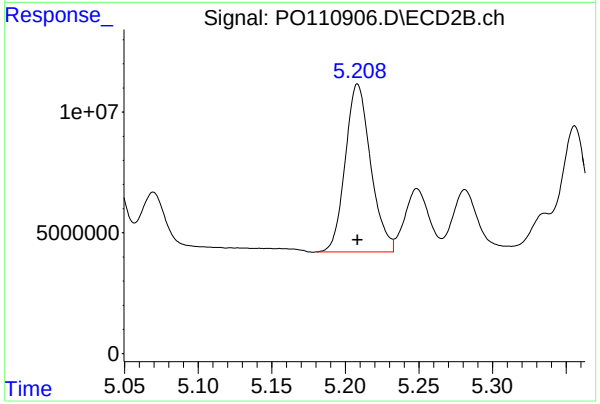
#23 AR-1248-3

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 70421688
Conc: 500.00 ng/ml



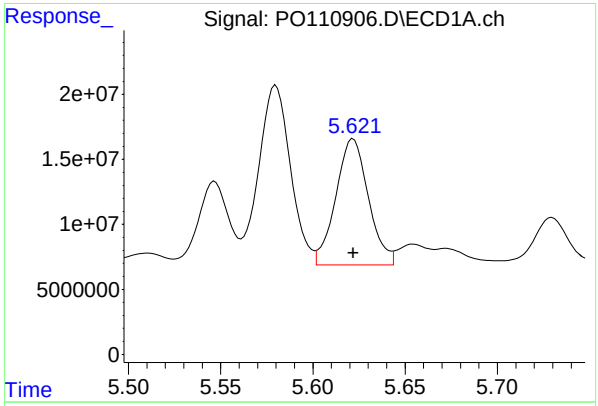
#24 AR-1248-4

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 165895578
Conc: 500.00 ng/ml



#24 AR-1248-4

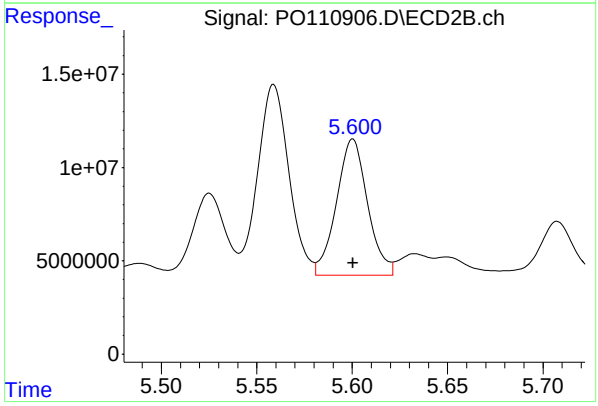
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 83577334
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.622 min
Delta R.T.: 0.000 mi
Response: 119518509
Conc: 500.00 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 83334832
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 14:35
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 14:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 14:31:14 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...	3.683	3.681	149.8E6	123.0E6	26.574	26.190
2)	SA Decachlor...	8.725	8.677	163.1E6	45617232	26.577	27.156
	Target Compounds						
21)	L5 AR-1248-1	4.773	4.760	36155823	26472624	275.752	276.838
22)	L5 AR-1248-2	5.011	4.996	48451320	36845602	277.270	278.978
23)	L5 AR-1248-3	5.226	5.038	59405612	38955405	270.655	276.306
24)	L5 AR-1248-4	5.580	5.209	86716804	44889115	267.988	272.362
25)	L5 AR-1248-5	5.621	5.600	61750319	44248267	266.234	268.797

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

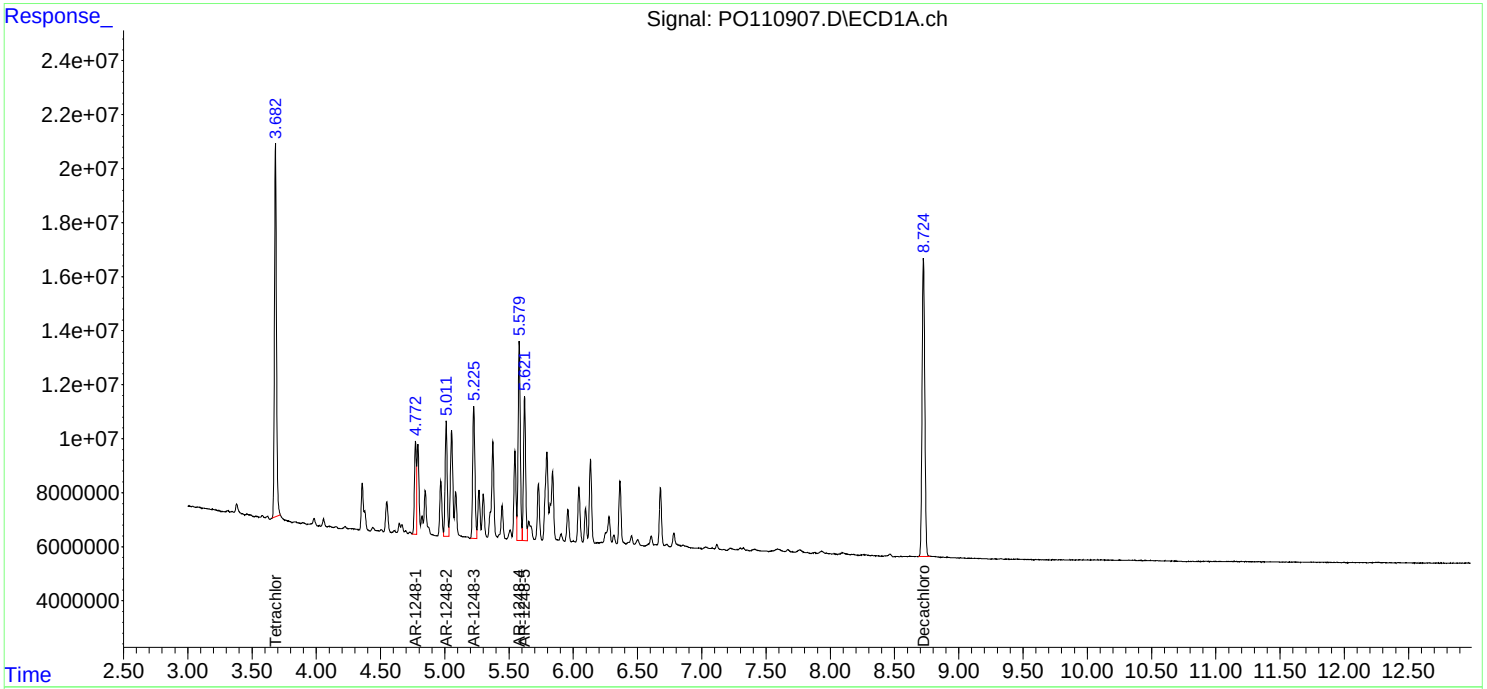
ICAL Form

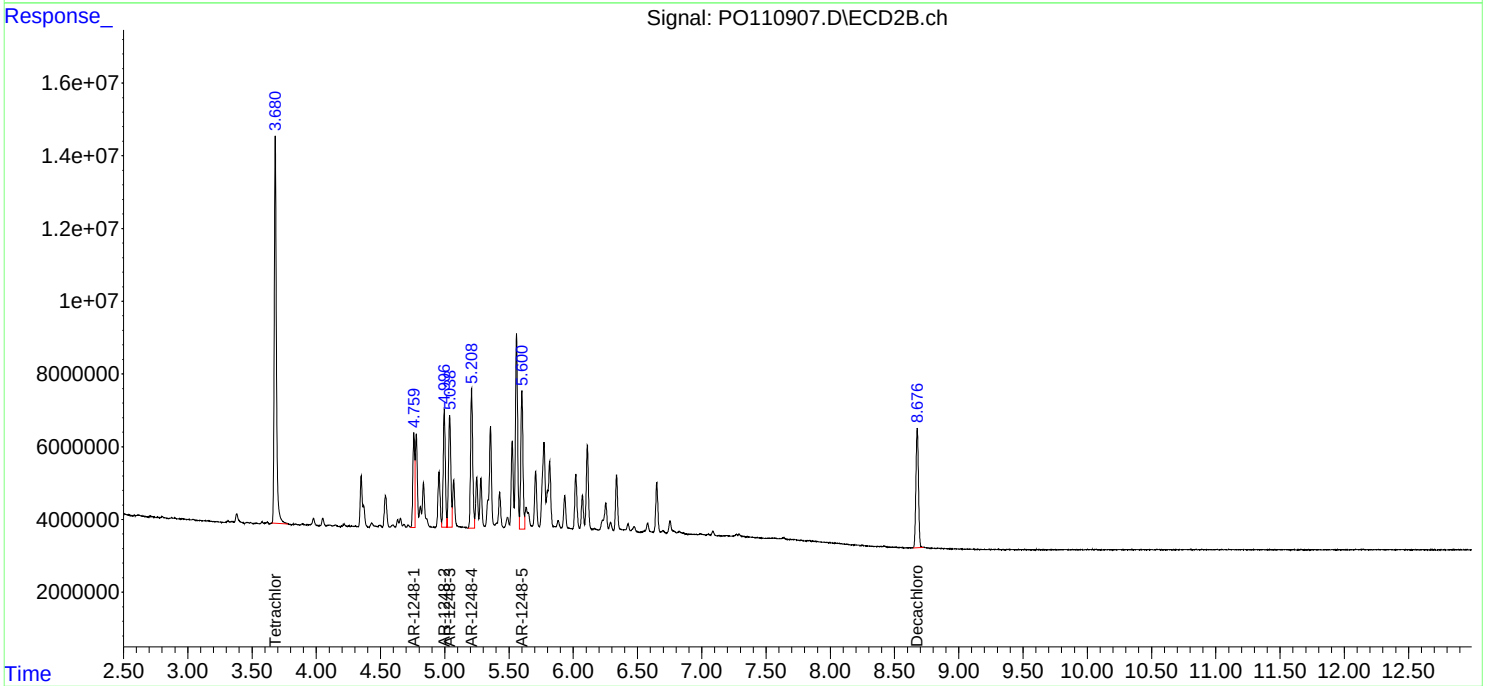
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 14:35
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

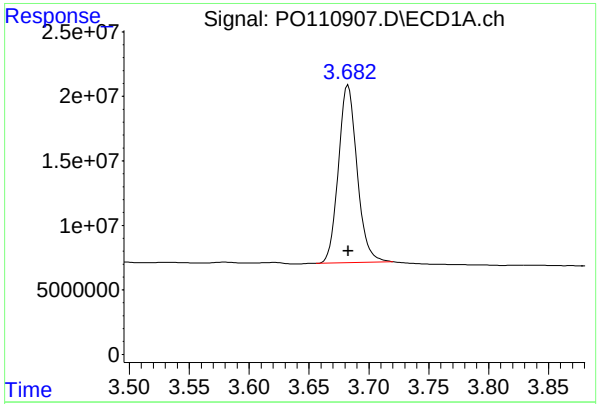
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 14:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 14:31:14 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



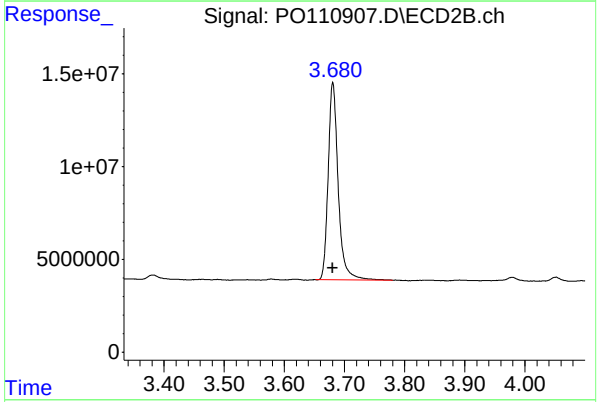




#1 Tetrachloro-m-xylene

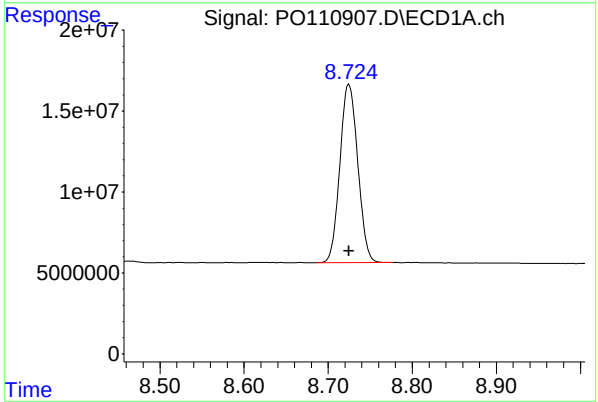
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 149802057
Conc: 26.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



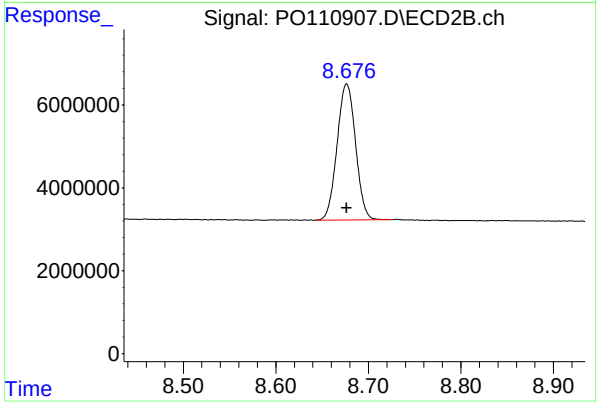
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 123026998
Conc: 26.19 ng/ml



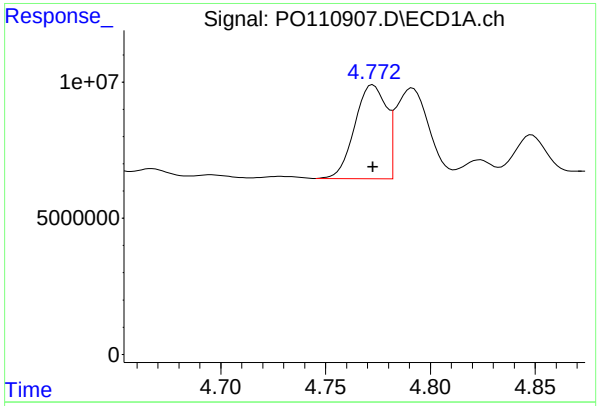
#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 163070029
Conc: 26.58 ng/ml



#2 Decachlorobiphenyl

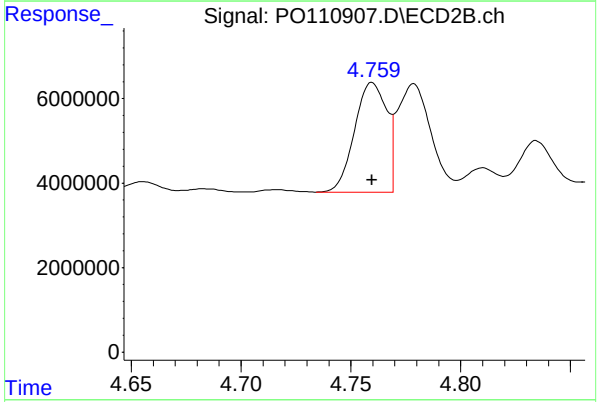
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 45617232
Conc: 27.16 ng/ml



#21 AR-1248-1

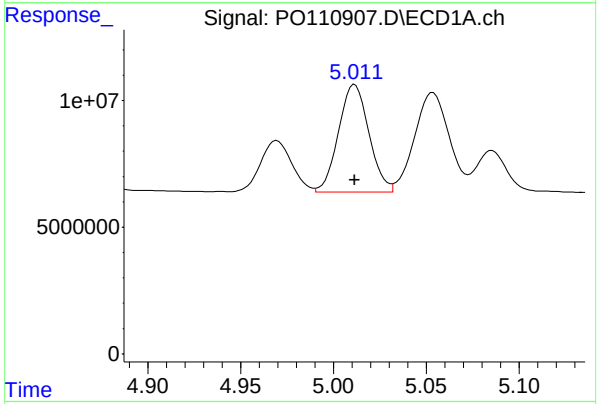
R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 36155823
Conc: 275.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



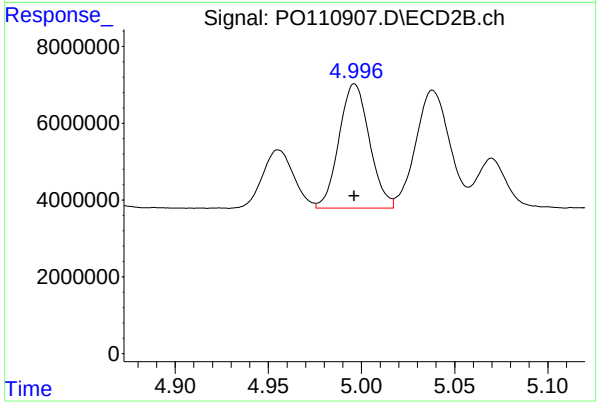
#21 AR-1248-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 26472624
Conc: 276.84 ng/ml



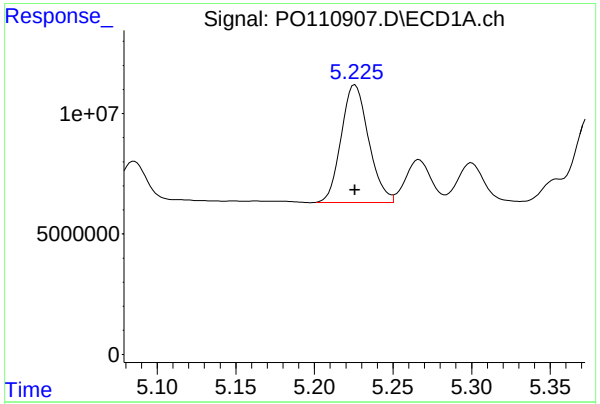
#22 AR-1248-2

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 48451320
Conc: 277.27 ng/ml



#22 AR-1248-2

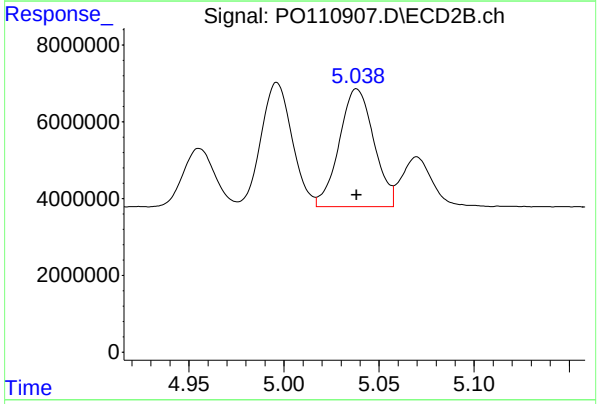
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 36845602
Conc: 278.98 ng/ml



#23 AR-1248-3

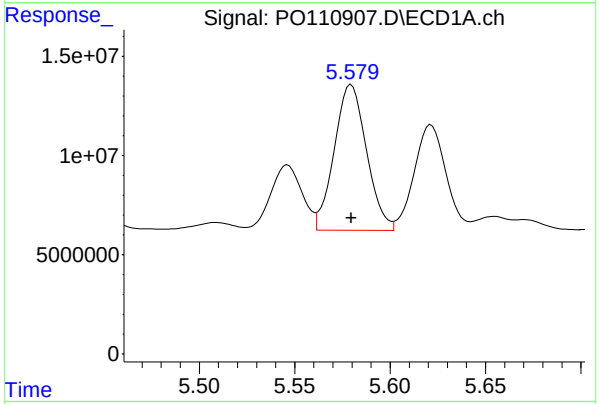
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 59405612
Conc: 270.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



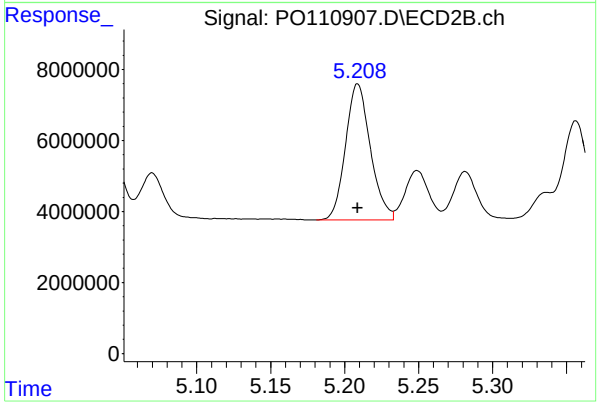
#23 AR-1248-3

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 38955405
Conc: 276.31 ng/ml



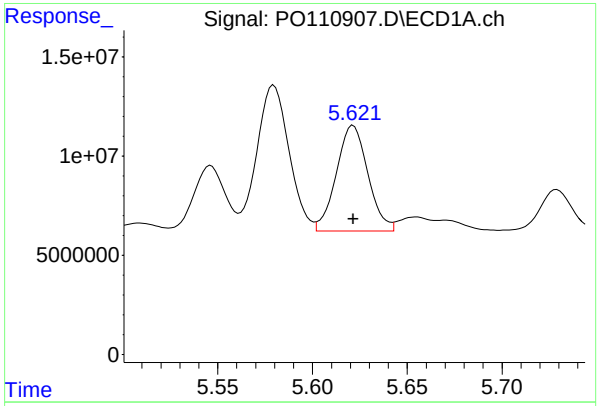
#24 AR-1248-4

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 86716804
Conc: 267.99 ng/ml



#24 AR-1248-4

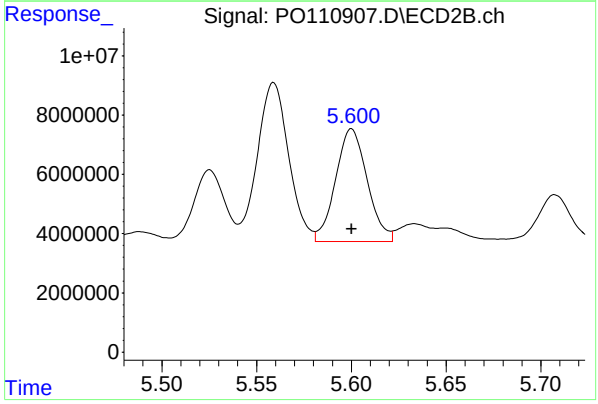
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 44889115
Conc: 272.36 ng/ml



#25 AR-1248-5

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 61750319
Conc: 266.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 44248267
Conc: 268.80 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 14:53
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: May 02 15:01:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 14:31:14 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...	3.684	3.680	26667566	21489095	4.782	4.654
2)	SA Decachlor...	8.728	8.676	31090082	8940790	5.053	5.255
	Target Compounds						
21)	L5 AR-1248-1	4.774	4.760	6617159	4968736	50.373	51.556
22)	L5 AR-1248-2	5.014	4.996	8859297	7365781	50.557	54.512
23)	L5 AR-1248-3	5.228	5.039	11219295	8088423	50.889	55.727
24)	L5 AR-1248-4	5.582	5.208	17211692	8916273	52.520	53.226
25)	L5 AR-1248-5	5.623	5.600	11973858	9046451	51.291	53.887

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

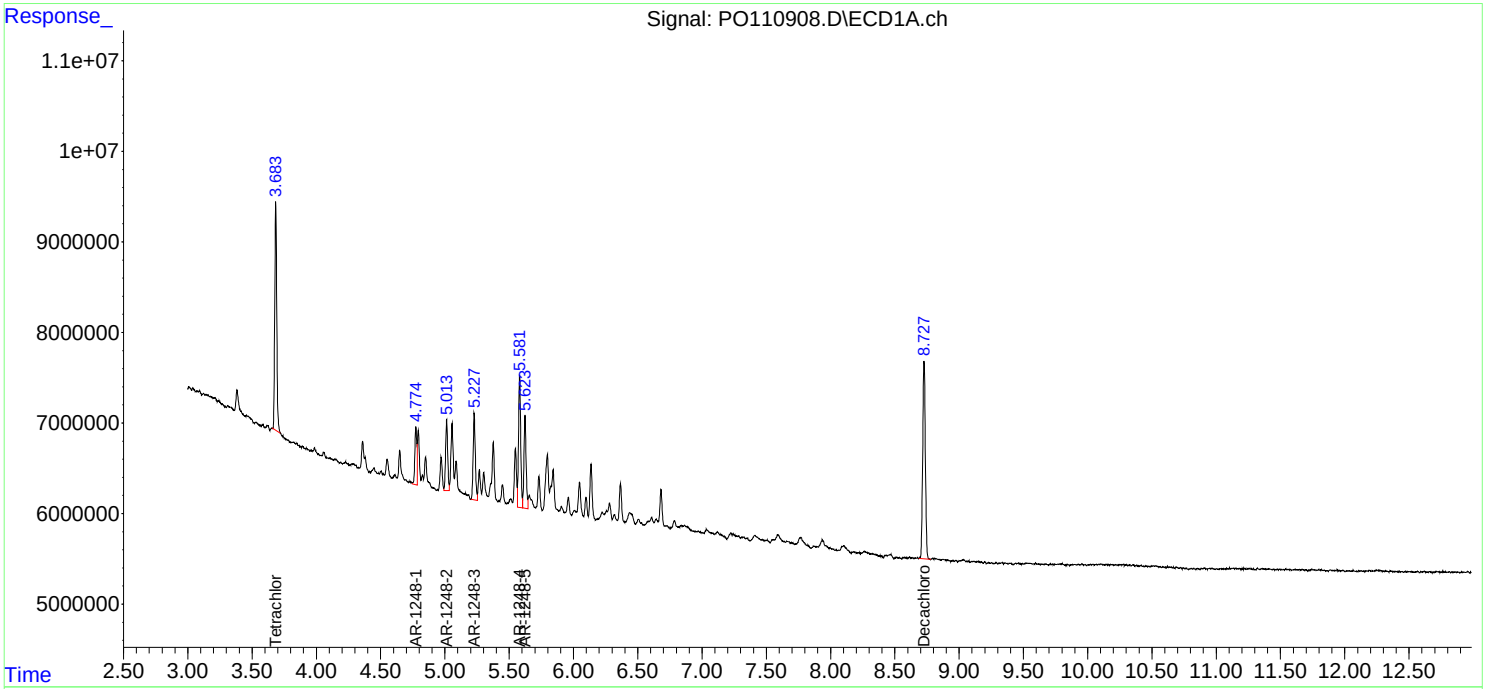
ICAL Form

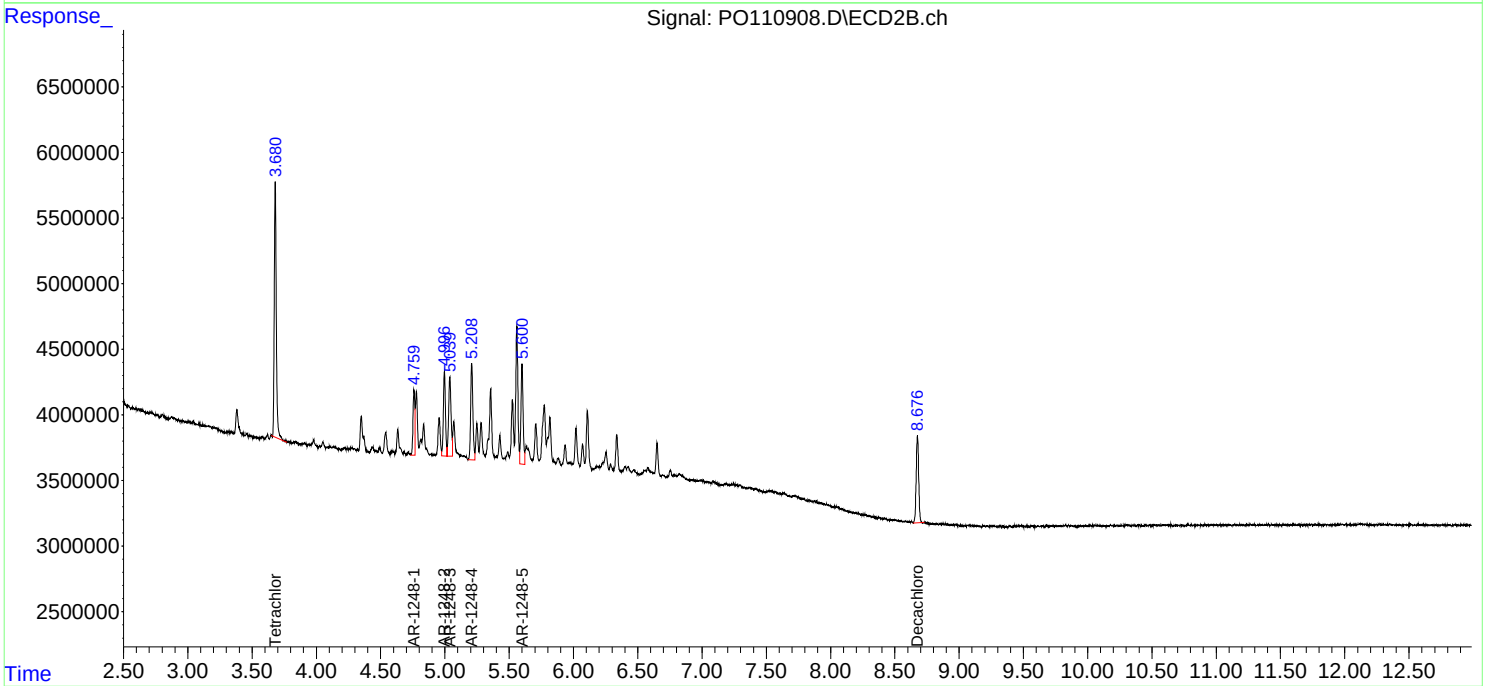
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 14:53
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

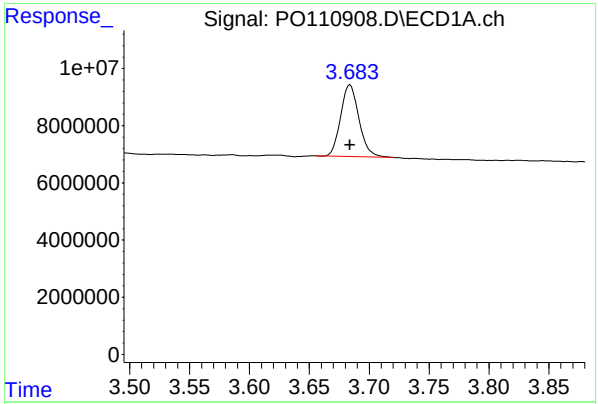
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 15:01:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 14:31:14 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



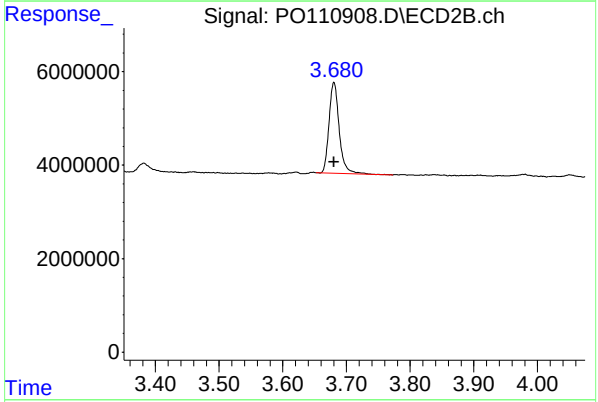




#1 Tetrachloro-m-xylene

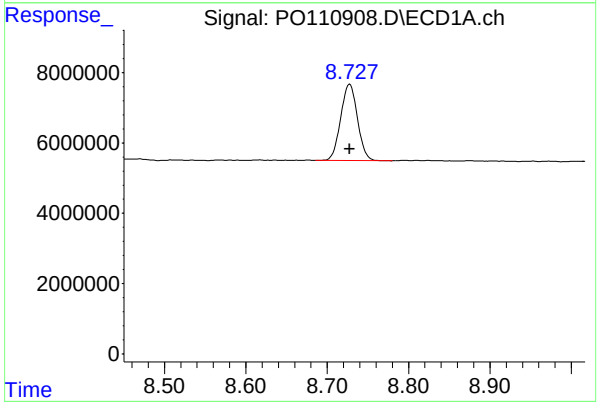
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 26667566
Conc: 4.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



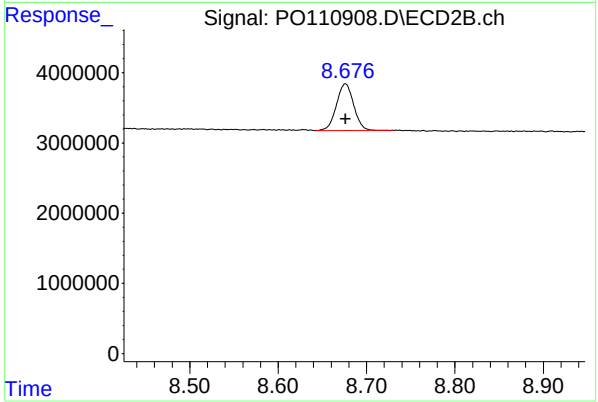
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 21489095
Conc: 4.65 ng/ml



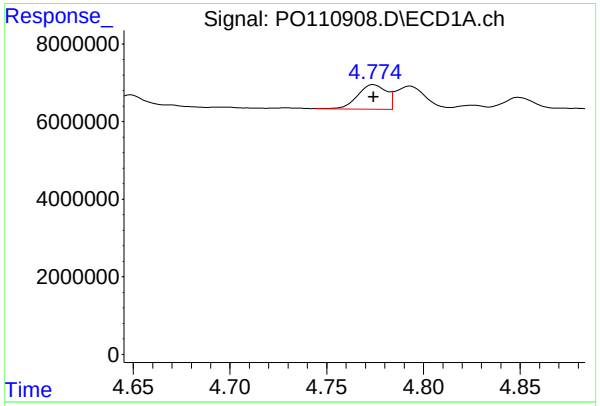
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 31090082
Conc: 5.05 ng/ml



#2 Decachlorobiphenyl

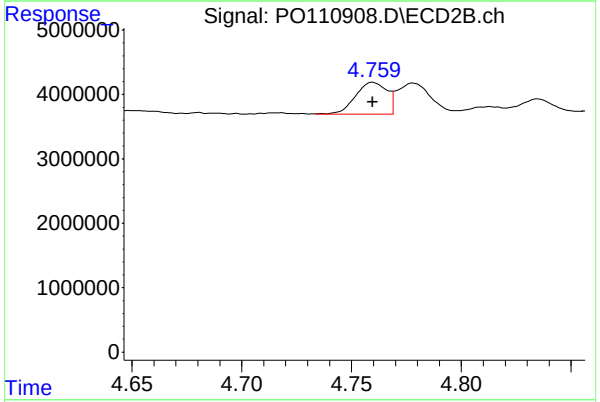
R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 8940790
Conc: 5.25 ng/ml



#21 AR-1248-1

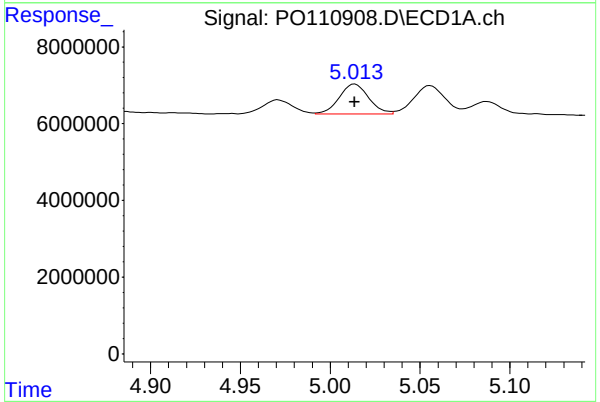
R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 6617159
Conc: 50.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



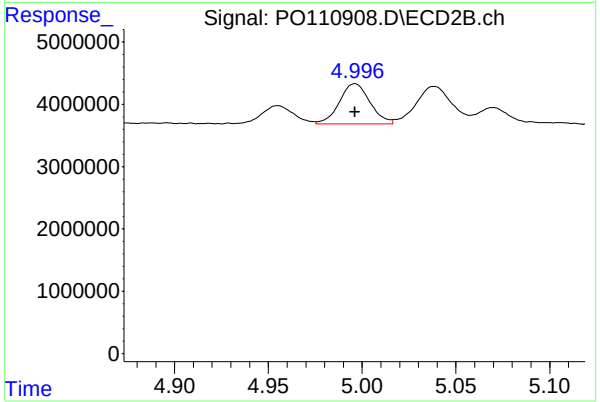
#21 AR-1248-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 4968736
Conc: 51.56 ng/ml



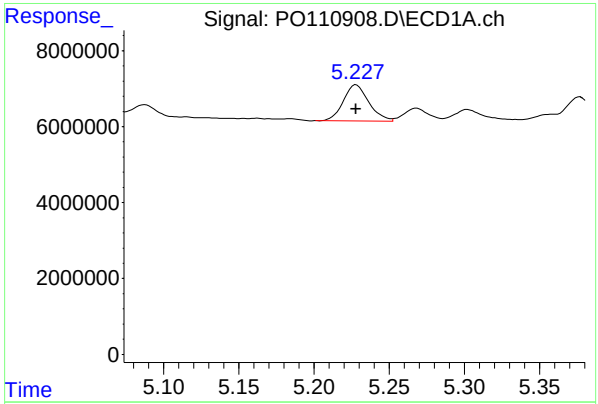
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 8859297
Conc: 50.56 ng/ml



#22 AR-1248-2

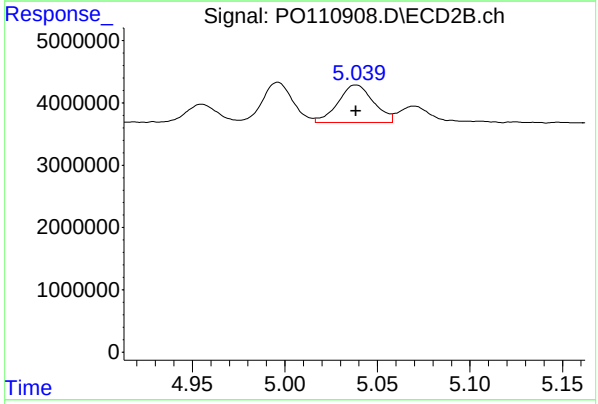
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 7365781
Conc: 54.51 ng/ml



#23 AR-1248-3

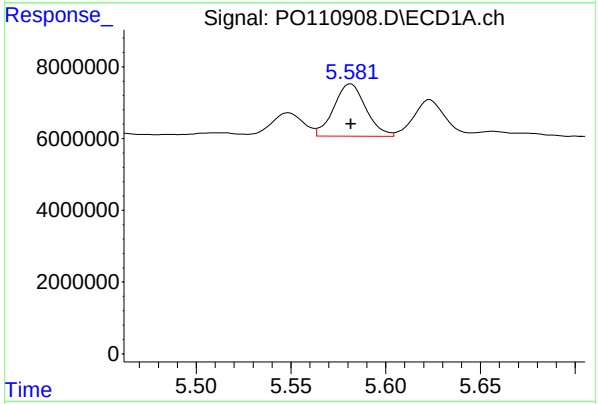
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 11219295
Conc: 50.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



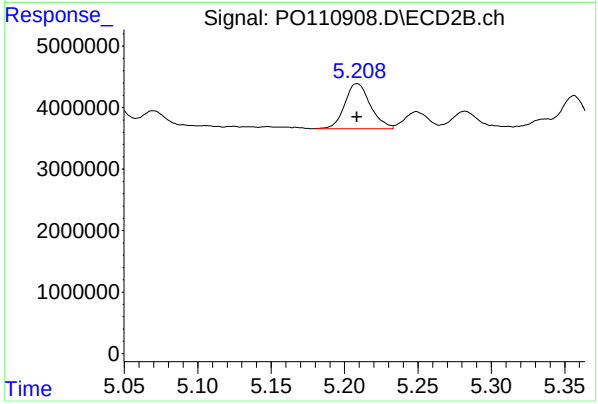
#23 AR-1248-3

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 8088423
Conc: 55.73 ng/ml



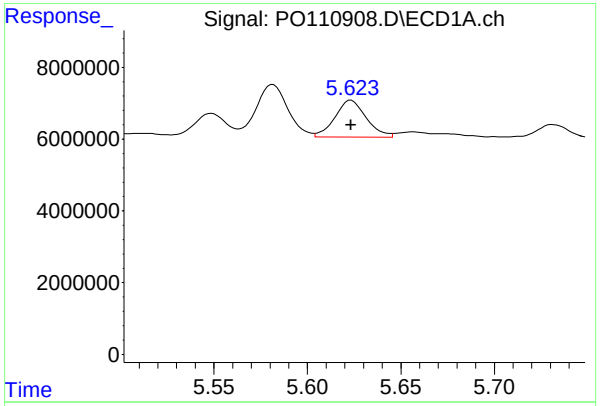
#24 AR-1248-4

R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 17211692
Conc: 52.52 ng/ml



#24 AR-1248-4

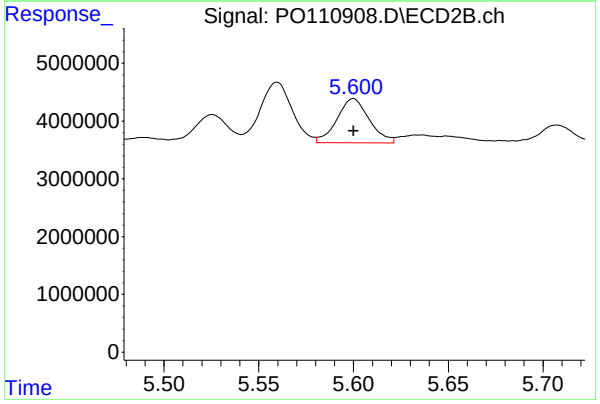
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 8916273
Conc: 53.23 ng/ml



#25 AR-1248-5

R.T.: 5.623 min
Delta R.T.: 0.000 mi
Response: 11973858
Conc: 51.29 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 9046451
Conc: 53.89 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 15:12
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: May 02 16:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 15:59:59 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...	3.685	3.680	574.2E6	489.3E6	100.810	100.668
2)	SA Decachlor...	8.728	8.677	582.5E6	159.6E6	97.155	94.824
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.560	319.3E6	235.8E6	967.427	968.094
27)	L6 AR-1254-2	5.732	5.708	276.2E6	204.2E6	993.200	980.293
28)	L6 AR-1254-3	6.137	6.110	446.2E6	322.0E6	994.961	985.838
29)	L6 AR-1254-4	6.367	6.338	292.9E6	186.0E6	977.439	979.033
30)	L6 AR-1254-5	6.786	6.755	404.2E6	258.4E6	970.890	979.646

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

Quantitation Report (QT Reviewed)

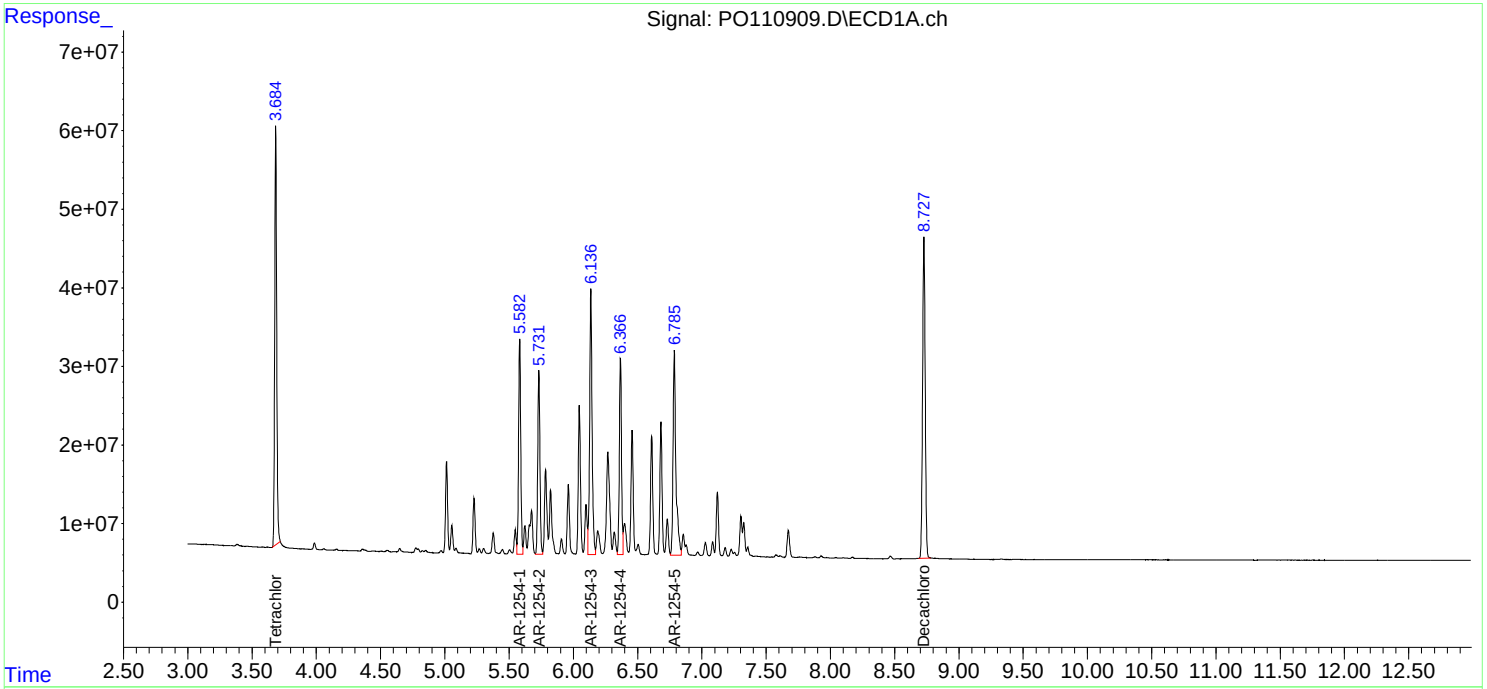
ICAL Form

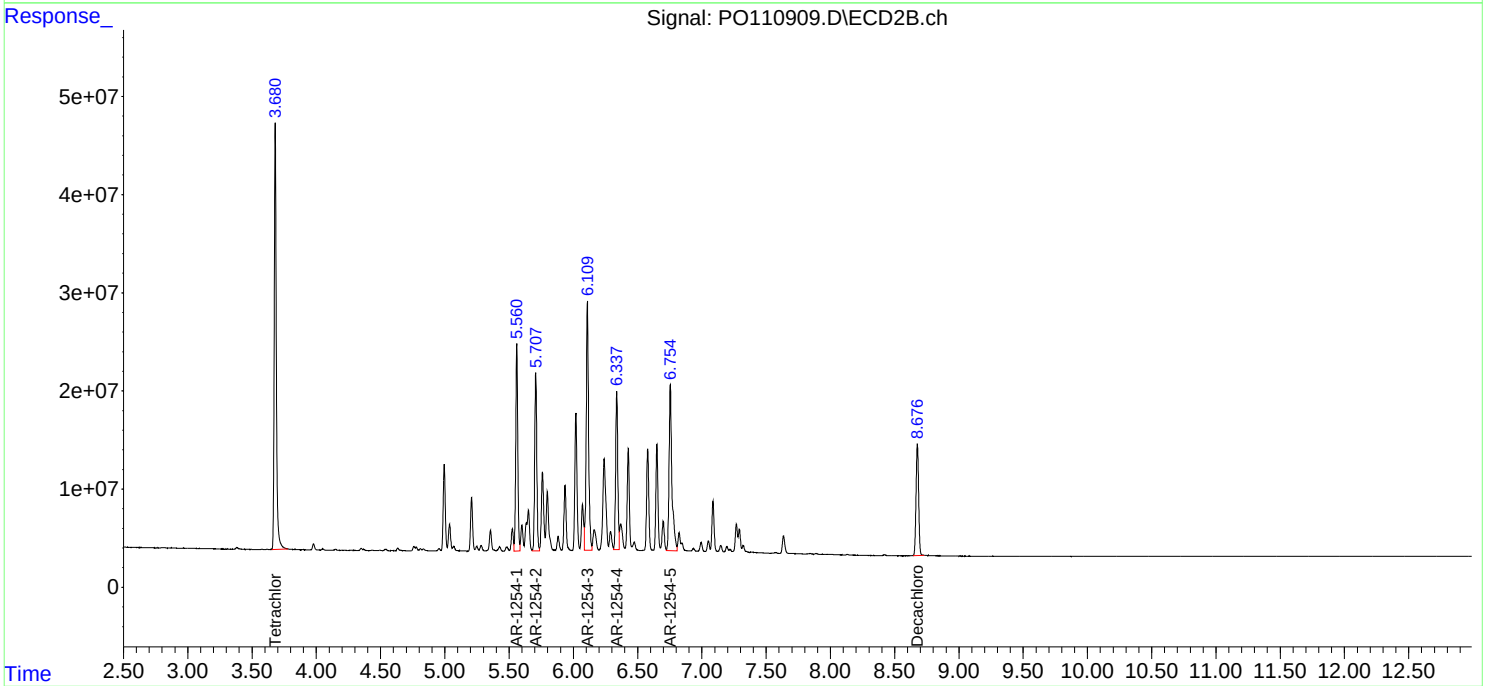
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 15:12
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

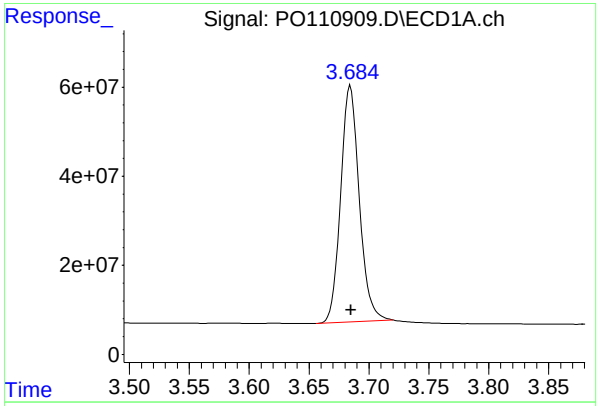
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 16:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 15:59:59 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



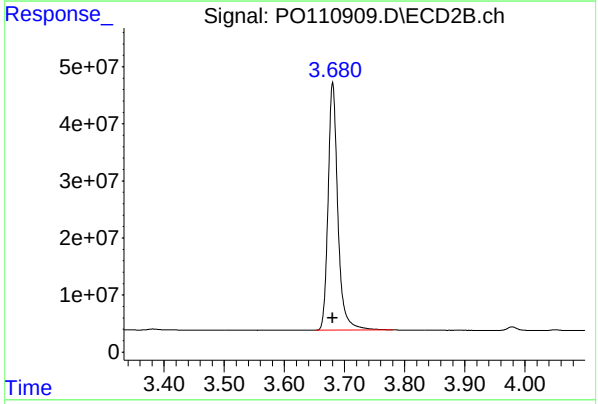




#1 Tetrachloro-m-xylene

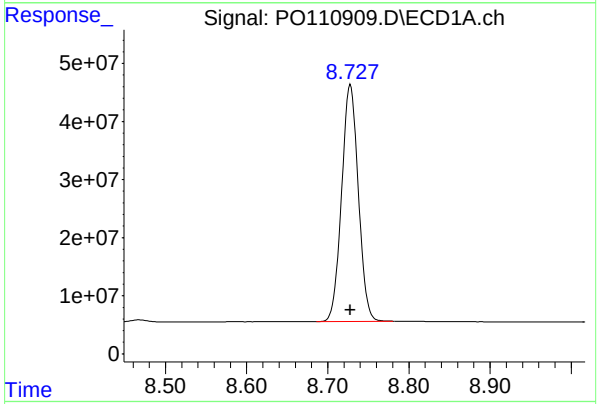
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 574241723
Conc: 100.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



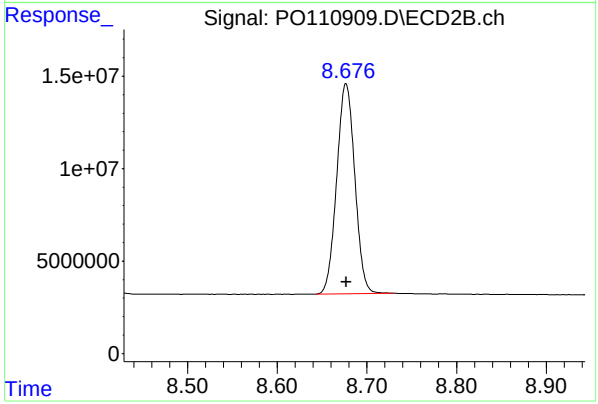
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 489291610
Conc: 100.67 ng/ml



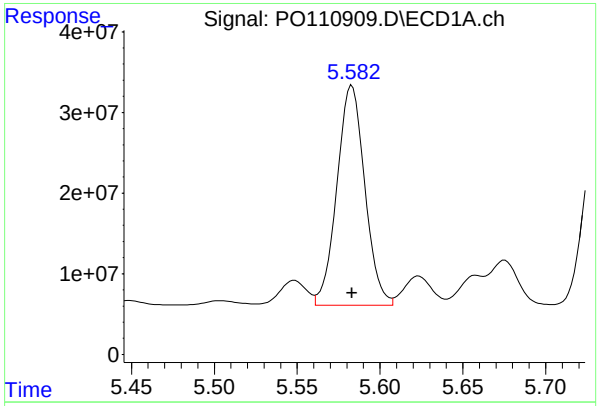
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 582472642
Conc: 97.15 ng/ml



#2 Decachlorobiphenyl

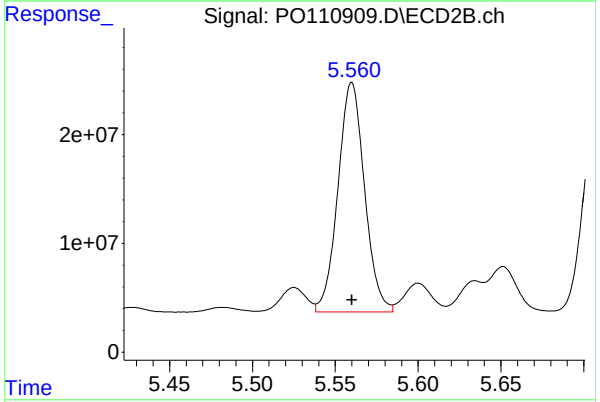
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 159647162
Conc: 94.82 ng/ml



#26 AR-1254-1

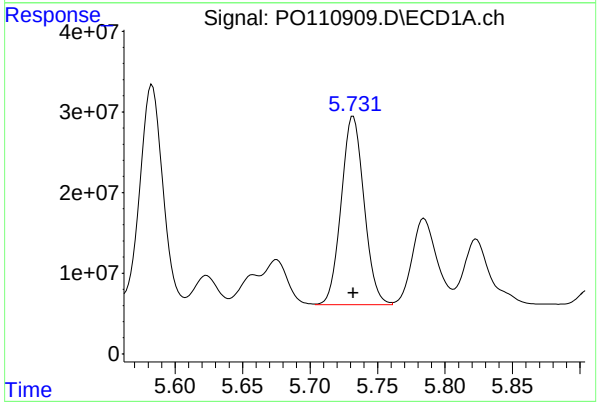
R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 319345291
Conc: 967.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



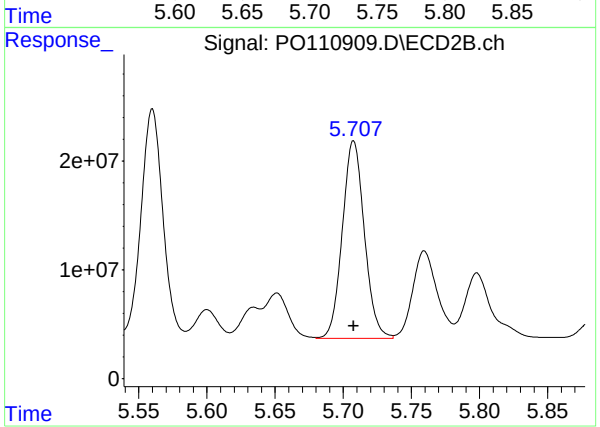
#26 AR-1254-1

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 235828564
Conc: 968.09 ng/ml



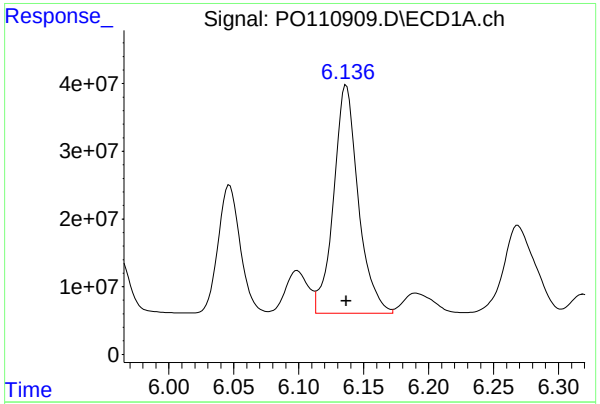
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 276203446
Conc: 993.20 ng/ml



#27 AR-1254-2

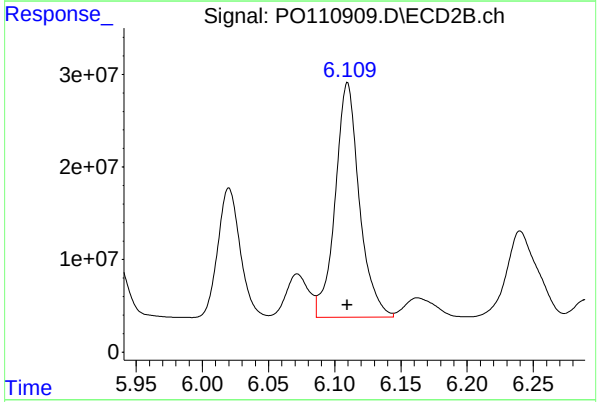
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 204202116
Conc: 980.29 ng/ml



#28 AR-1254-3

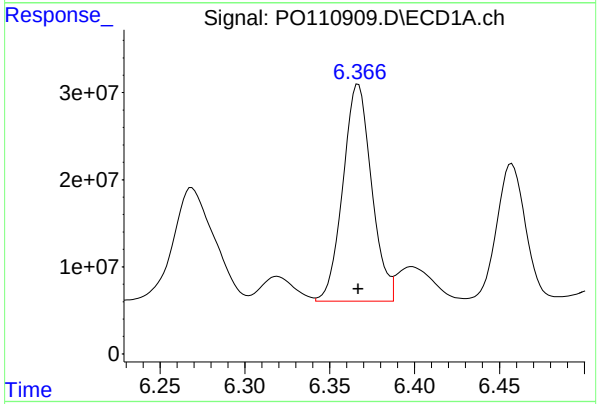
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 446238177
Conc: 994.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



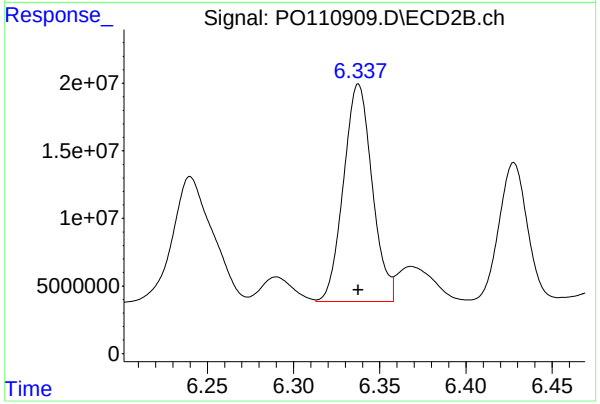
#28 AR-1254-3

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 321967296
Conc: 985.84 ng/ml



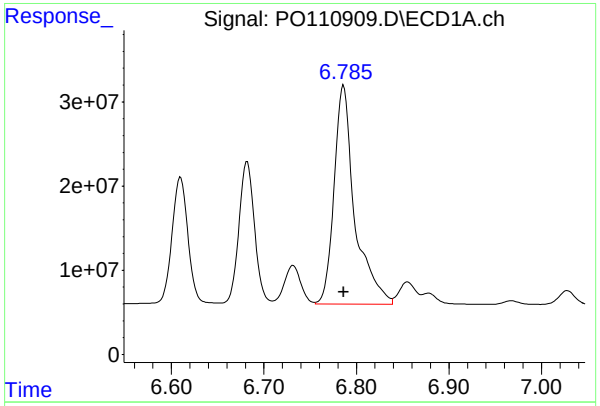
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 292919199
Conc: 977.44 ng/ml



#29 AR-1254-4

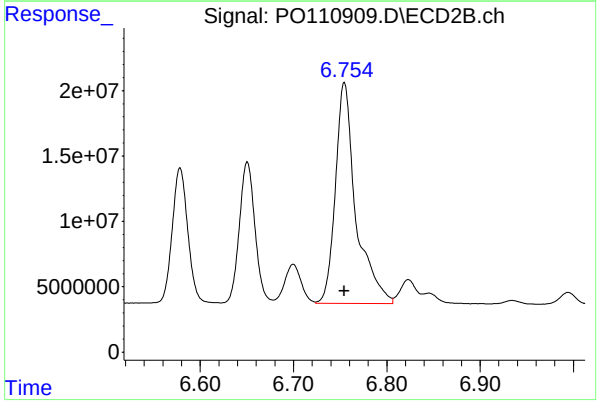
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 186026034
Conc: 979.03 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 404187735
Conc: 970.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 258387827
Conc: 979.65 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 15:30
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: May 02 16:05:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 15:59:59 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...	3.685	3.680	439.7E6	372.0E6	76.443	76.015
2)	SA Decachlor...	8.727	8.677	450.0E6	124.8E6	75.037	74.430
	Target Compounds						
26)	L6 AR-1254-1	5.582	5.560	247.3E6	182.5E6	749.435	749.427
27)	L6 AR-1254-2	5.731	5.708	213.6E6	158.6E6	761.945	757.633
28)	L6 AR-1254-3	6.136	6.110	343.2E6	247.3E6	760.069	754.803
29)	L6 AR-1254-4	6.366	6.337	226.9E6	143.3E6	754.707	752.941
30)	L6 AR-1254-5	6.786	6.754	311.9E6	199.3E6	749.460	753.719

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

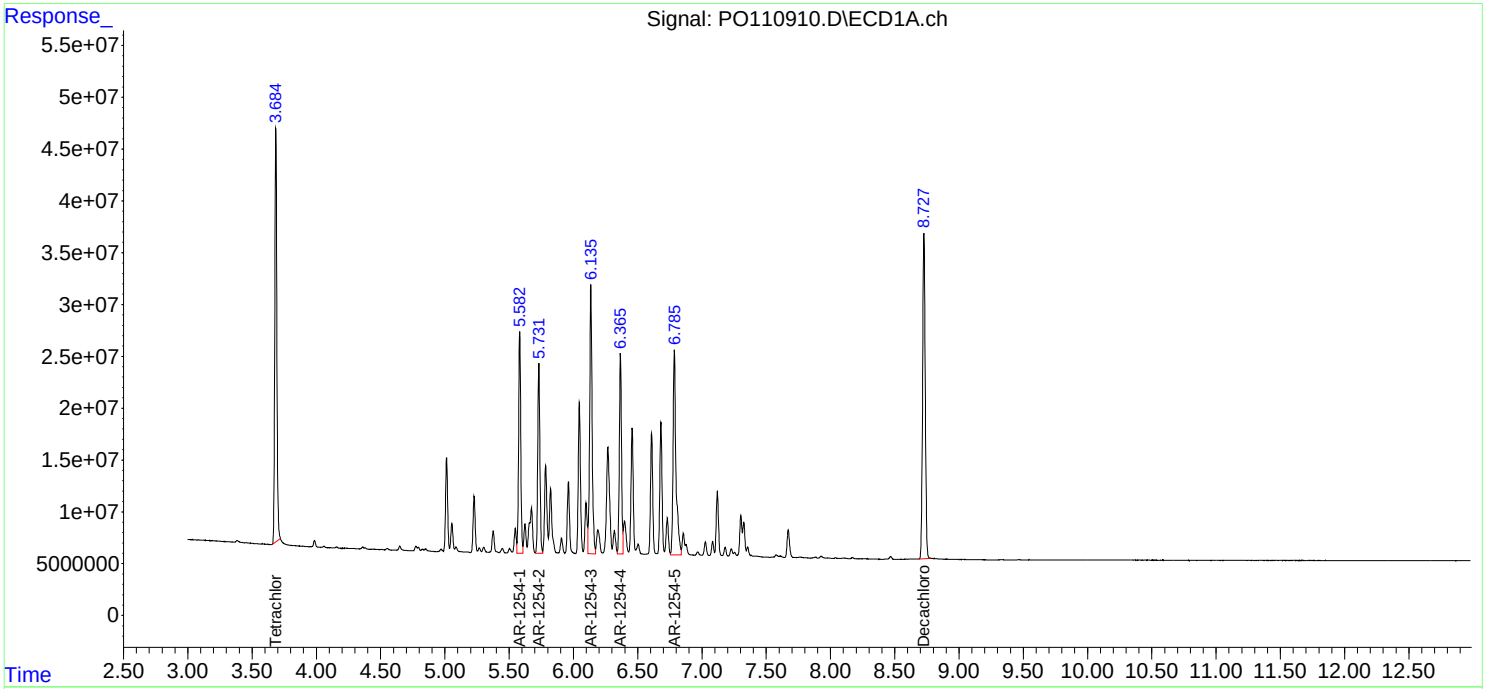
ICAL Form

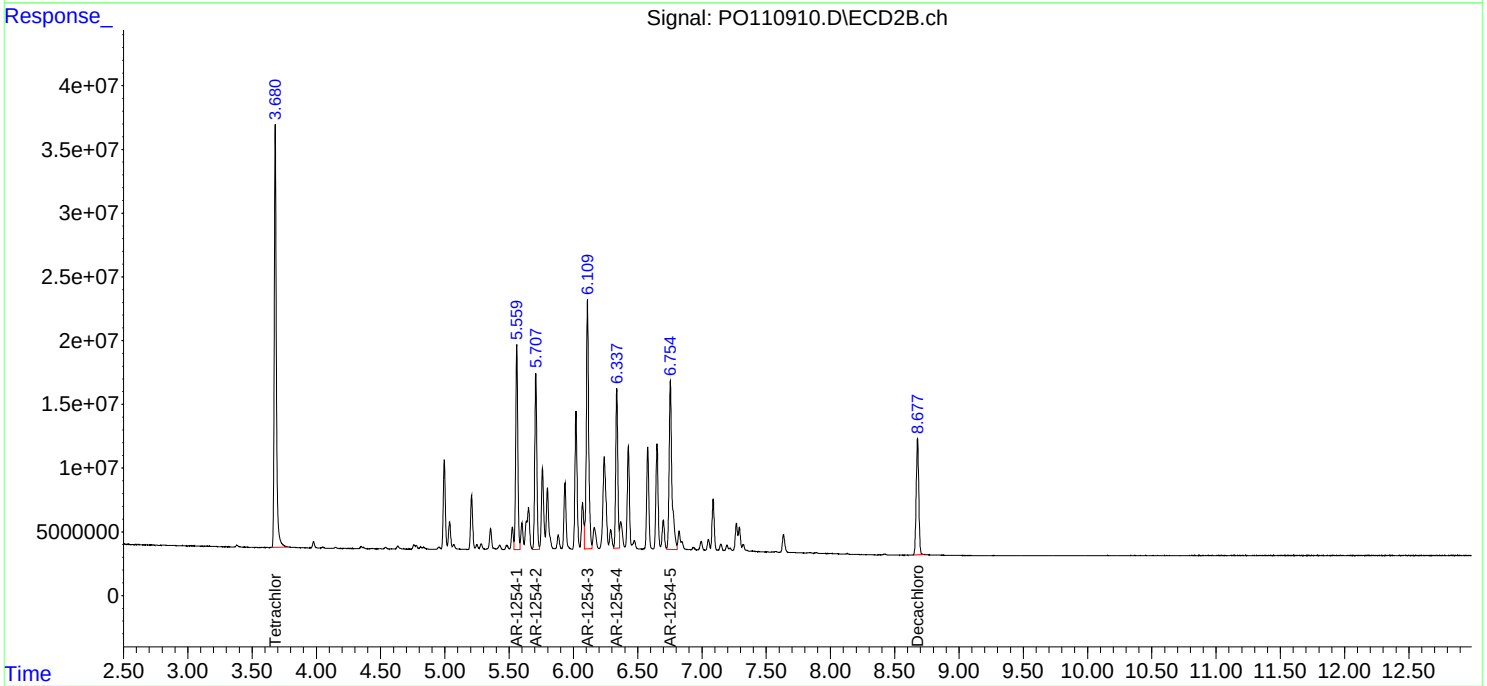
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 15:30
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

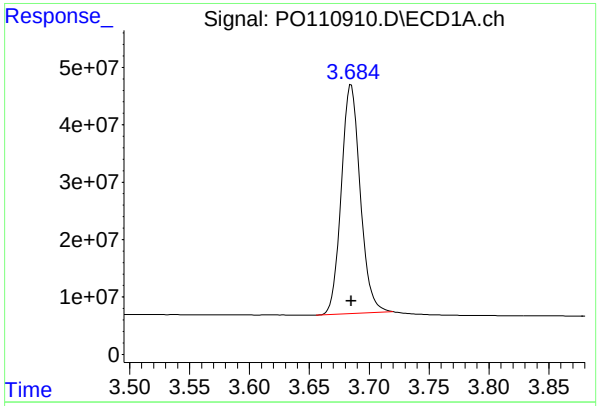
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 16:05:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 15:59:59 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



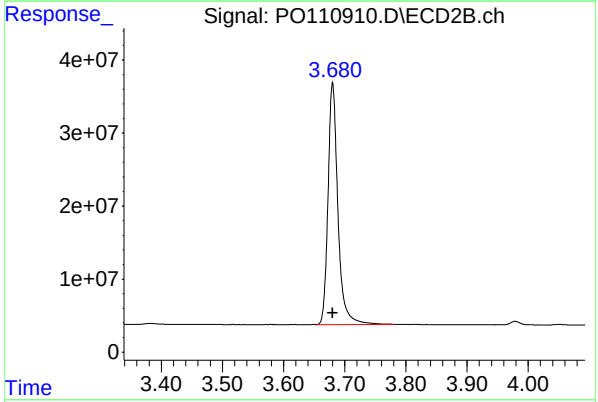




#1 Tetrachloro-m-xylene

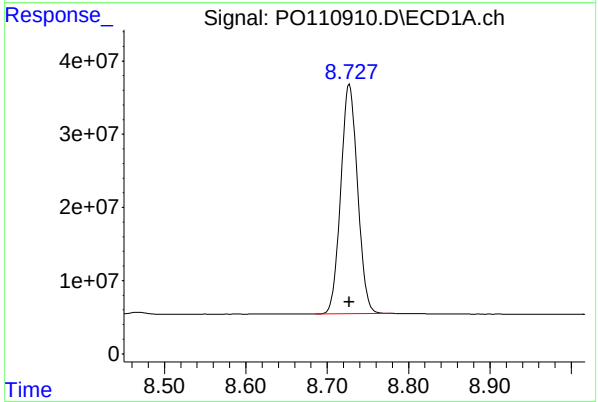
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 439666440
Conc: 76.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



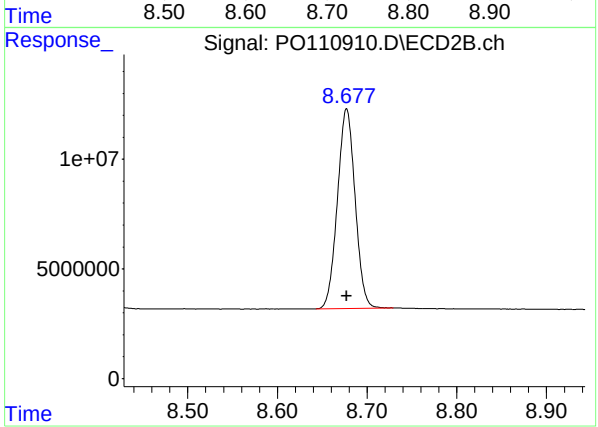
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 371984235
Conc: 76.02 ng/ml



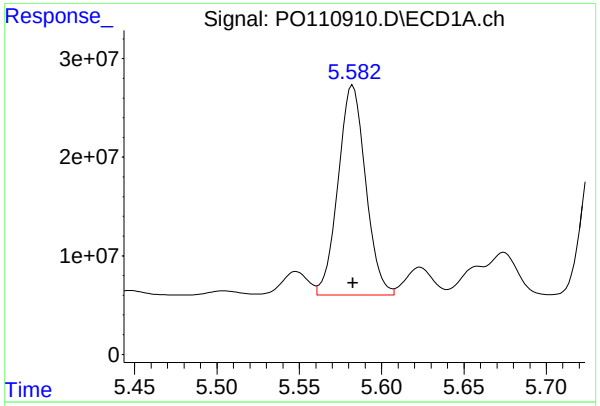
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: 0.000 min
Response: 449985361
Conc: 75.04 ng/ml



#2 Decachlorobiphenyl

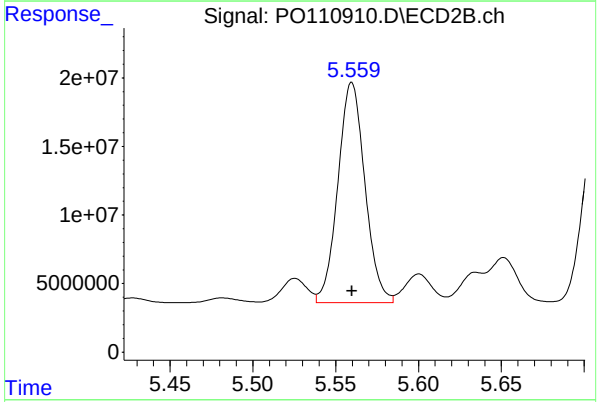
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 124837321
Conc: 74.43 ng/ml



#26 AR-1254-1

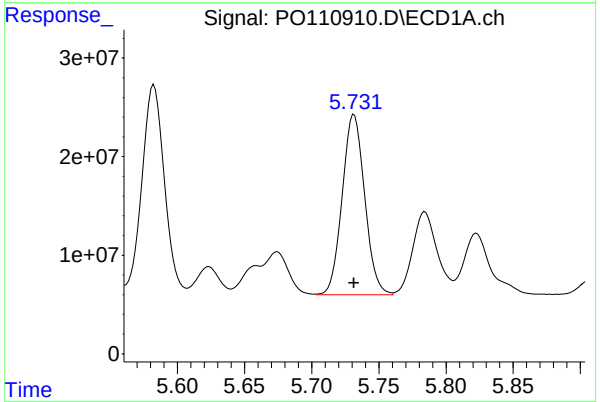
R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 247293288
Conc: 749.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



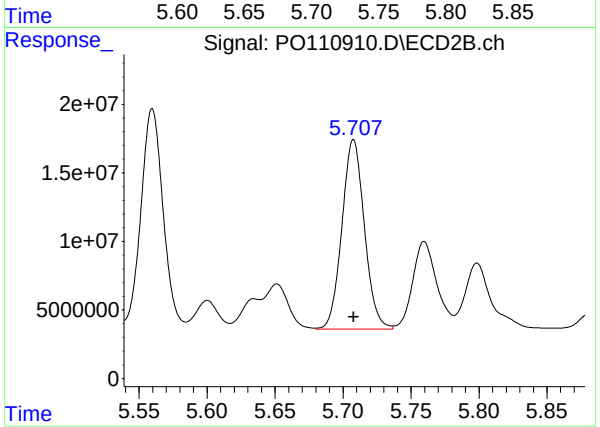
#26 AR-1254-1

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 182491529
Conc: 749.43 ng/ml



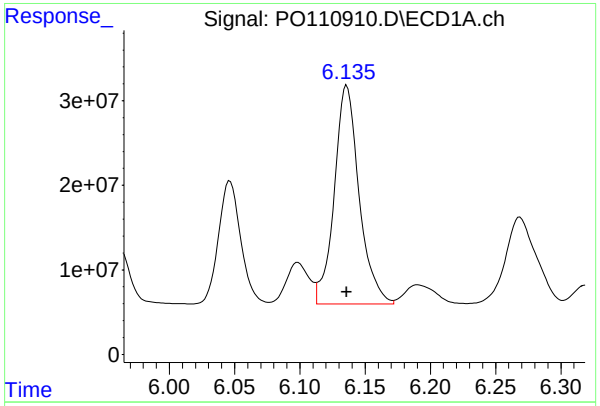
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 213593482
Conc: 761.94 ng/ml



#27 AR-1254-2

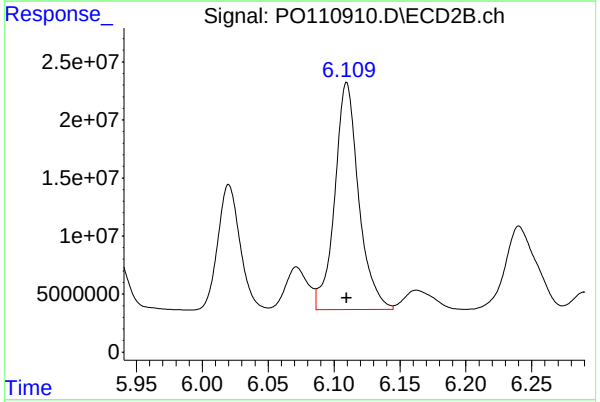
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 158627411
Conc: 757.63 ng/ml



#28 AR-1254-3

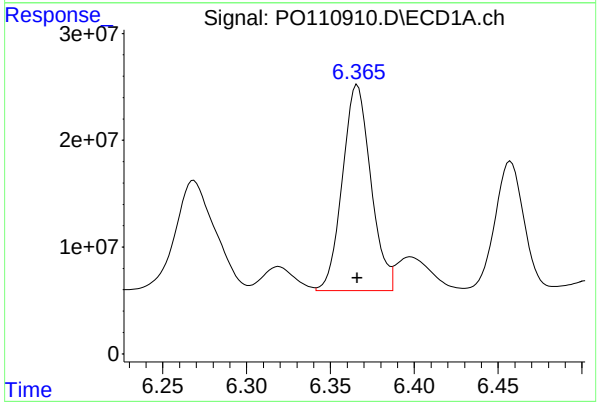
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 343193024
Conc: 760.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



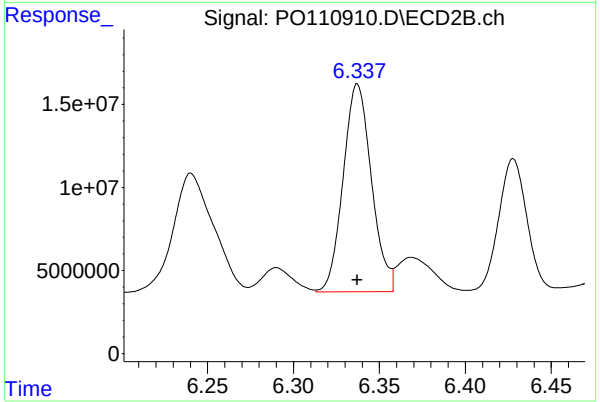
#28 AR-1254-3

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 247304991
Conc: 754.80 ng/ml



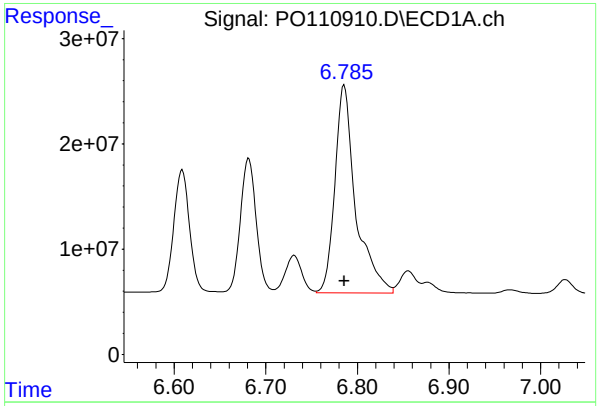
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 226882876
Conc: 754.71 ng/ml



#29 AR-1254-4

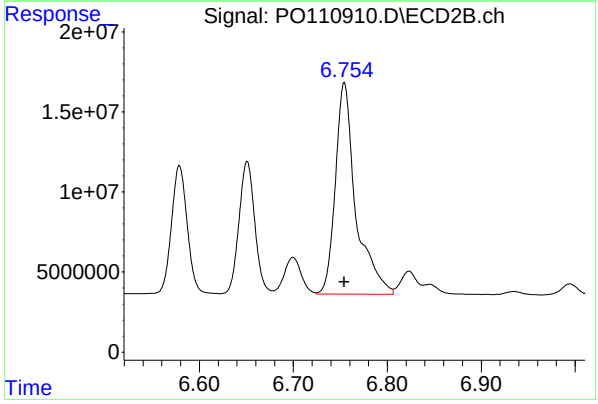
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 143347269
Conc: 752.94 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 311892364
Conc: 749.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 199292430
Conc: 753.72 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 15:48
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: May 02 16:00:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 15:59:59 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...	3.684	3.681	282.5E6	241.4E6	50.000	50.000
2)	SA Decachlor...	8.728	8.678	308.3E6	88537702	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.582	5.560	170.4E6	125.7E6	500.000	500.000
27)	L6 AR-1254-2	5.732	5.708	140.0E6	106.2E6	500.000	500.000
28)	L6 AR-1254-3	6.136	6.110	225.4E6	165.6E6	500.000	500.000
29)	L6 AR-1254-4	6.367	6.338	153.2E6	96996949	500.000	500.000
30)	L6 AR-1254-5	6.786	6.755	214.2E6	134.6E6	500.000	500.000

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

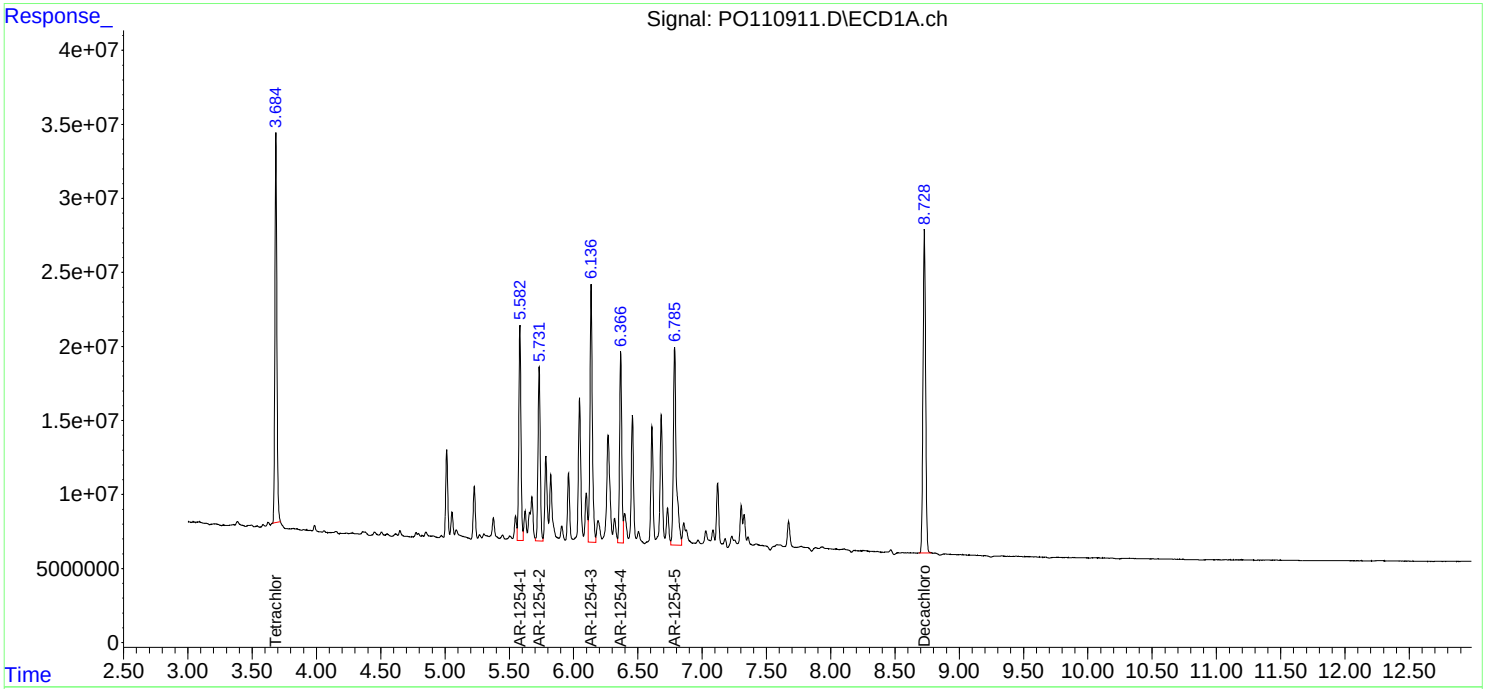
ICAL Form

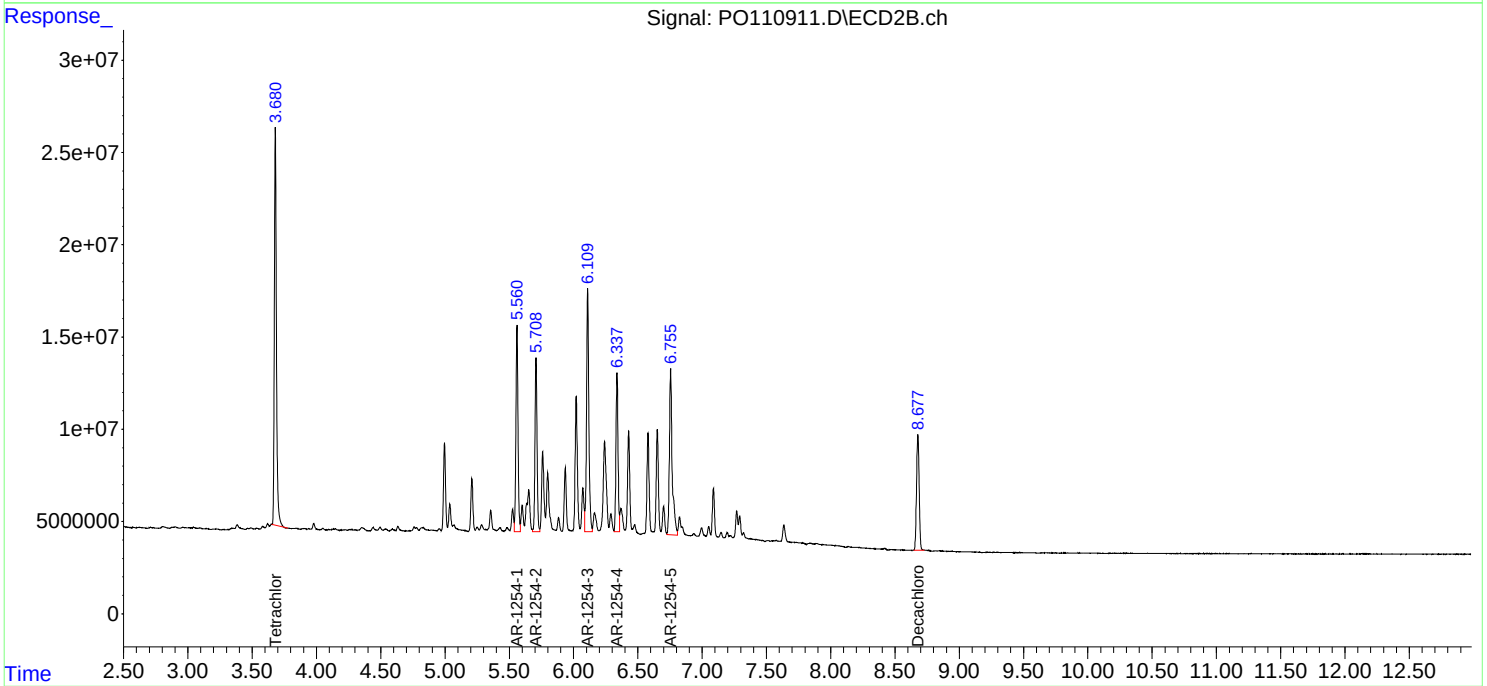
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 15:48
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

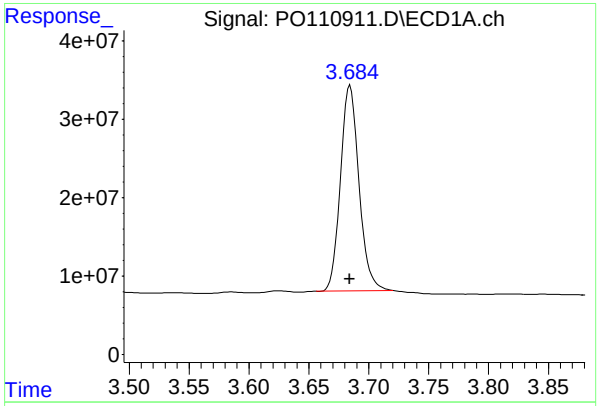
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 16:00:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 15:59:59 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



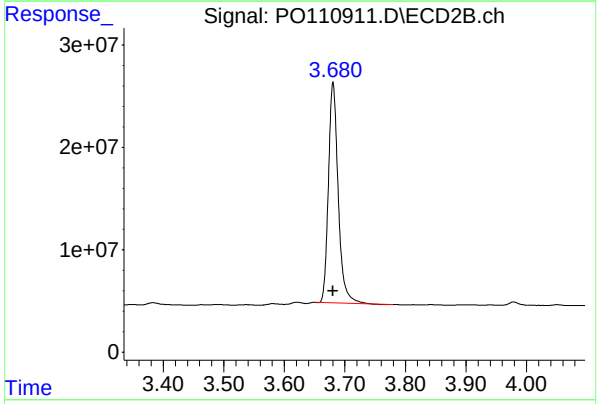




#1 Tetrachloro-m-xylene

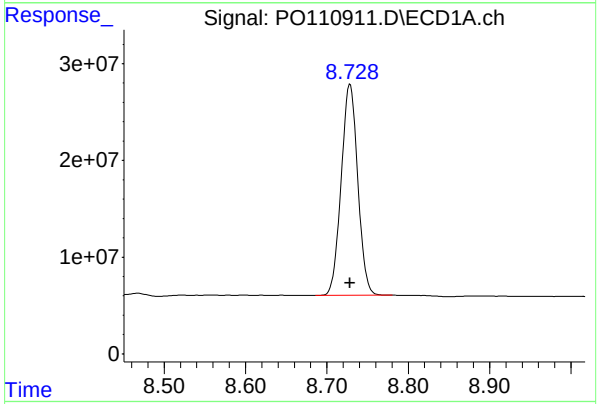
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 282507594
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



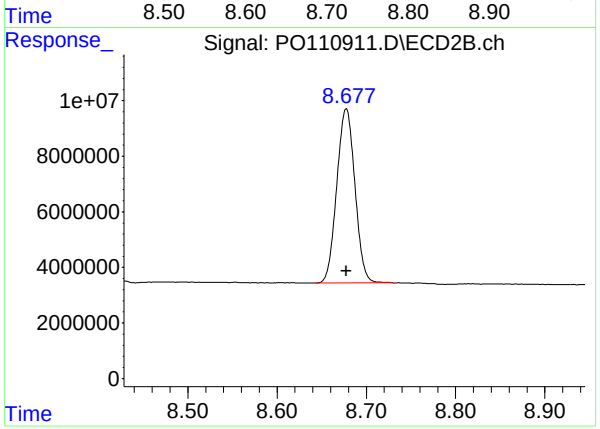
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 241397726
Conc: 50.00 ng/ml



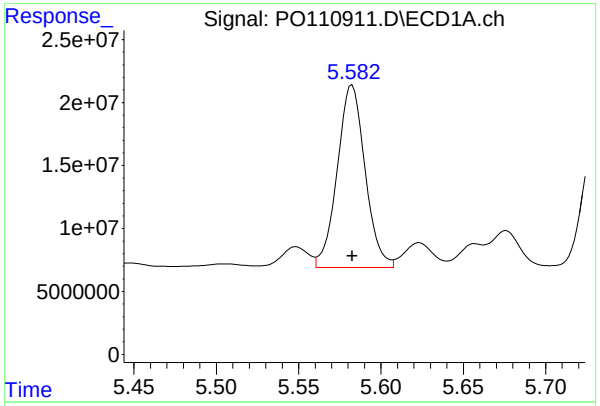
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 308295564
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

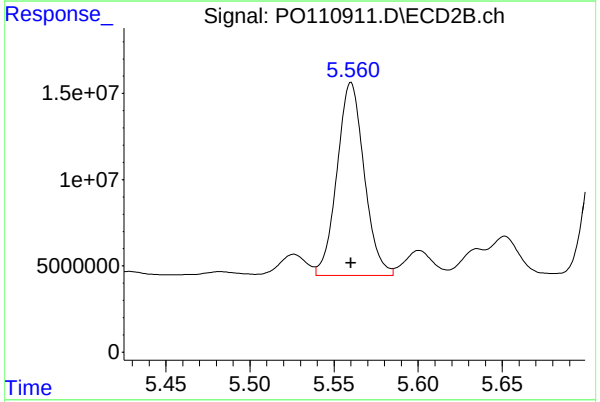
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 88537702
Conc: 50.00 ng/ml



#26 AR-1254-1

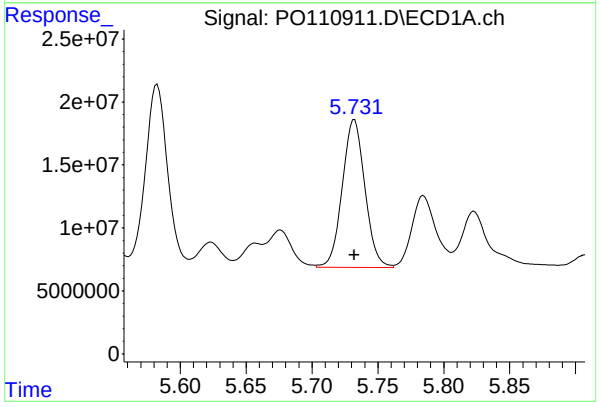
R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 170424865
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



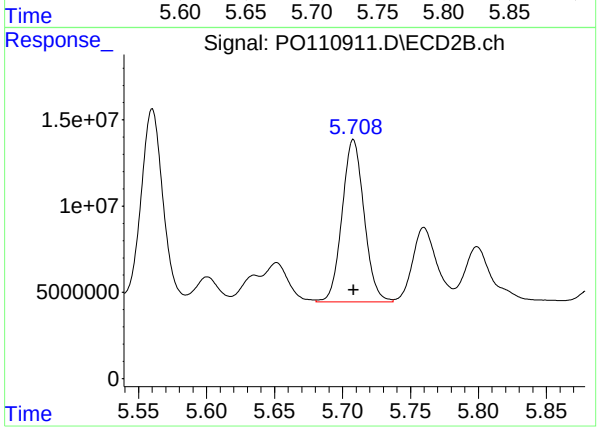
#26 AR-1254-1

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 125686711
Conc: 500.00 ng/ml



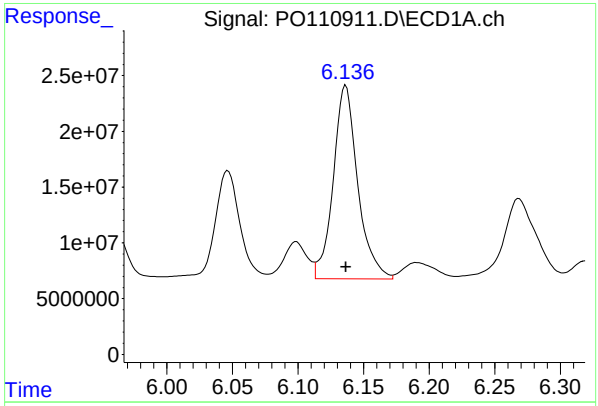
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 139992702
Conc: 500.00 ng/ml



#27 AR-1254-2

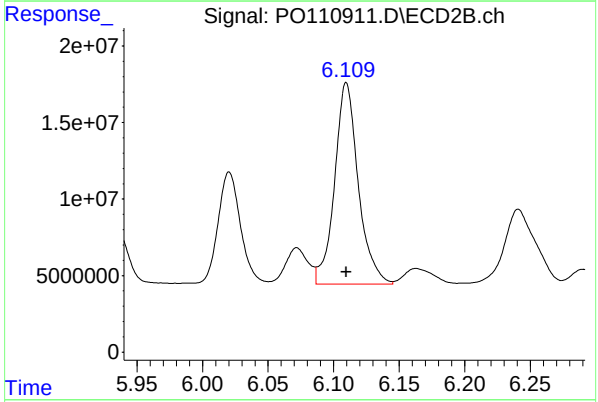
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 106206062
Conc: 500.00 ng/ml



#28 AR-1254-3

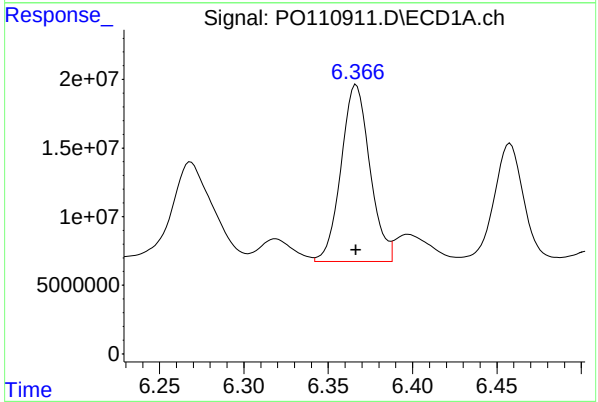
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 225379125
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



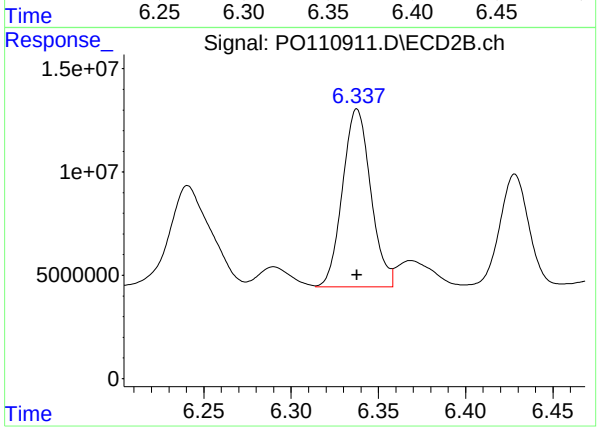
#28 AR-1254-3

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 165609012
Conc: 500.00 ng/ml



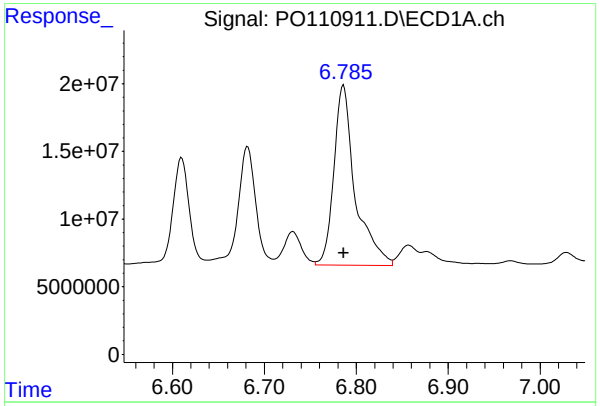
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 153220691
Conc: 500.00 ng/ml



#29 AR-1254-4

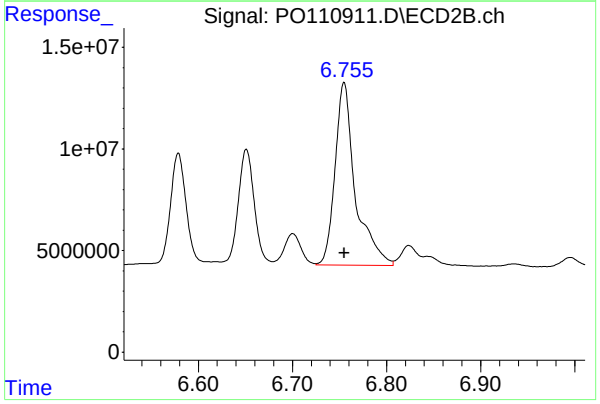
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 96996949
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 214212394
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 134562526
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 16:07
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: May 02 16:24:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 15:59:59 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...	3.684	3.680	149.5E6	126.5E6	25.735	25.631
2)	SA Decachlor...	8.728	8.677	162.5E6	46573337	26.540	27.020
	Target Compounds						
26)	L6 AR-1254-1	5.582	5.559	89585333	66476706	265.780	266.859
27)	L6 AR-1254-2	5.732	5.707	77477026	58202668	269.277	270.418
28)	L6 AR-1254-3	6.136	6.109	121.0E6	88016126	263.198	263.721
29)	L6 AR-1254-4	6.366	6.337	81390707	51770094	265.239	266.091
30)	L6 AR-1254-5	6.785	6.755	110.6E6	71067939	261.569	263.823

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

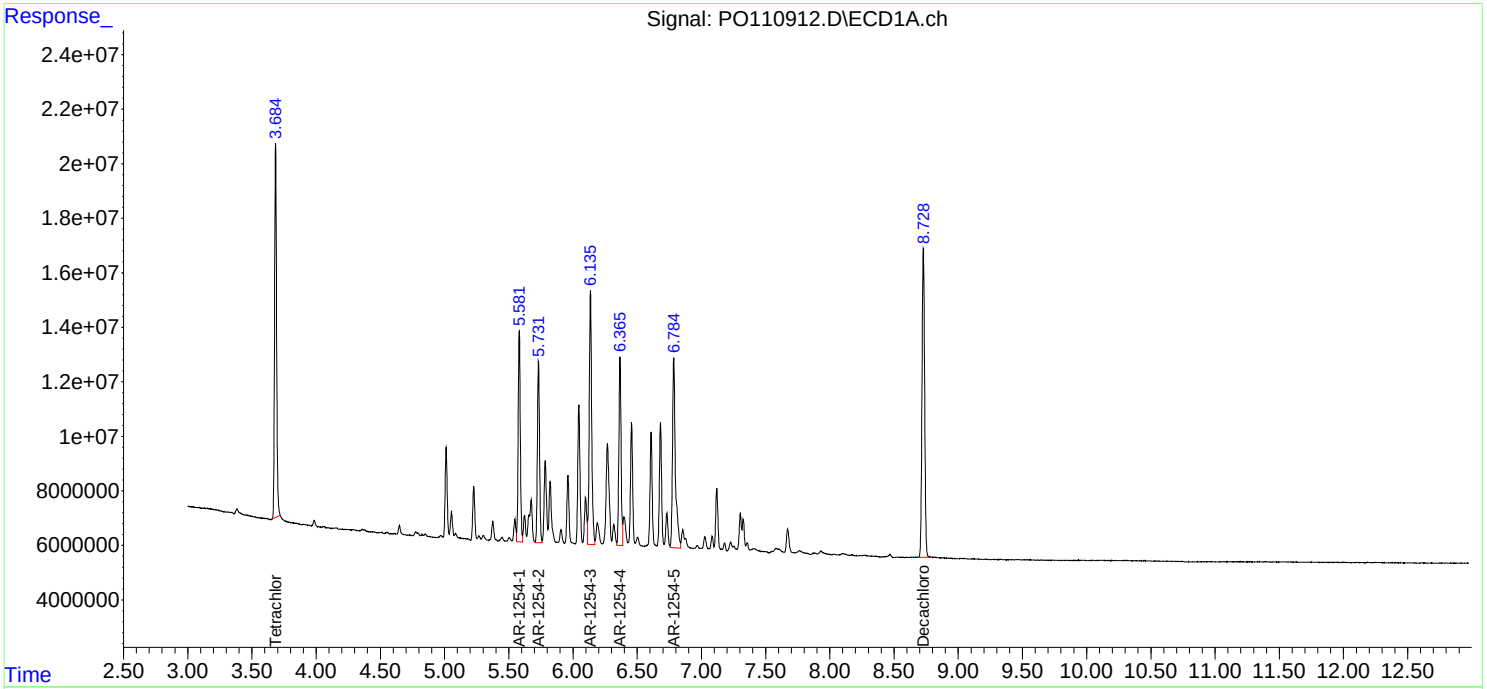
ICAL Form

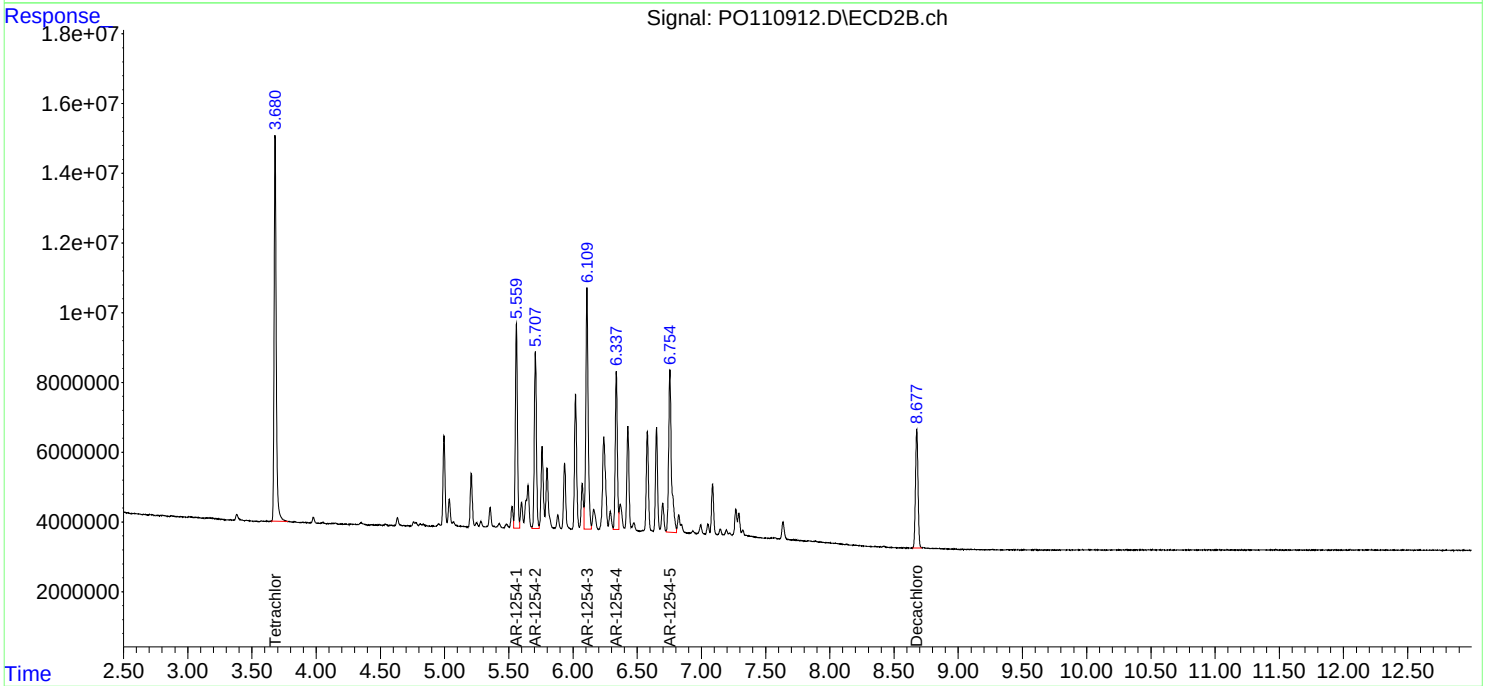
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 16:07
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

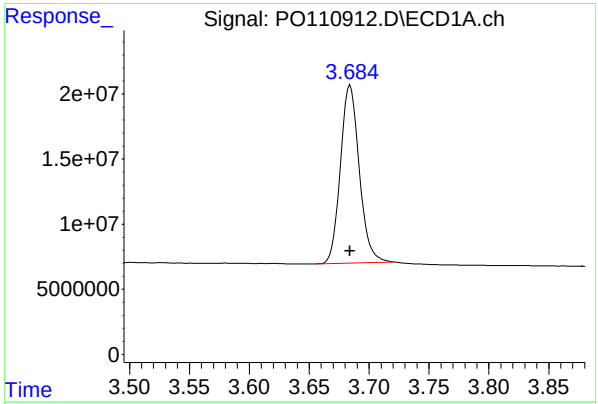
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 16:24:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 15:59:59 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



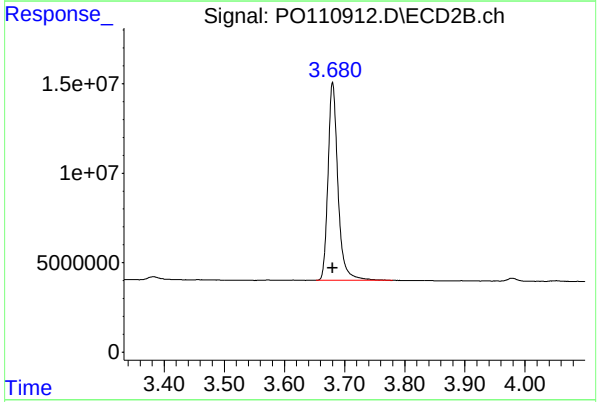




#1 Tetrachloro-m-xylene

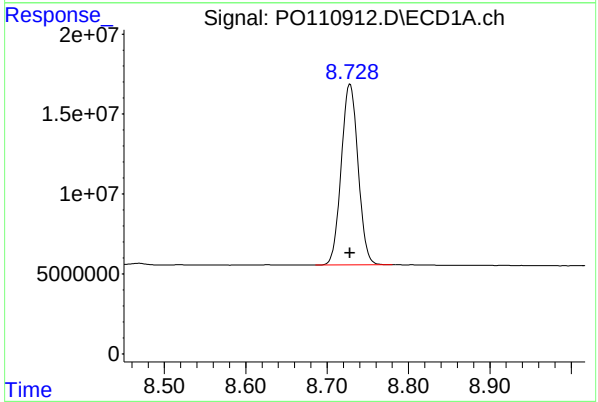
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 149485920
Conc: 25.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



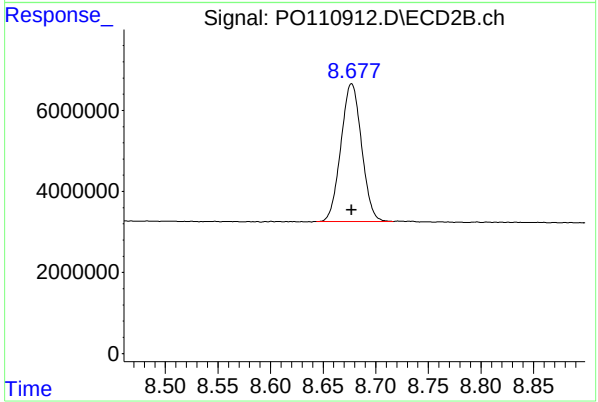
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 126492352
Conc: 25.63 ng/ml



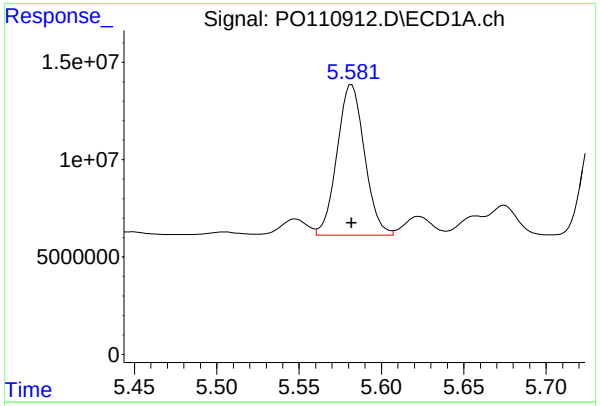
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.000 min
Response: 162492432
Conc: 26.54 ng/ml



#2 Decachlorobiphenyl

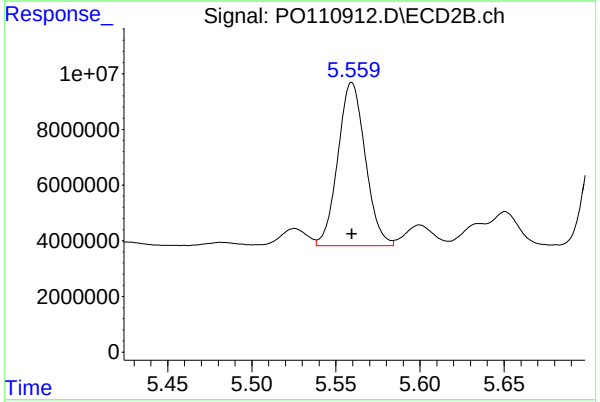
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 46573337
Conc: 27.02 ng/ml



#26 AR-1254-1

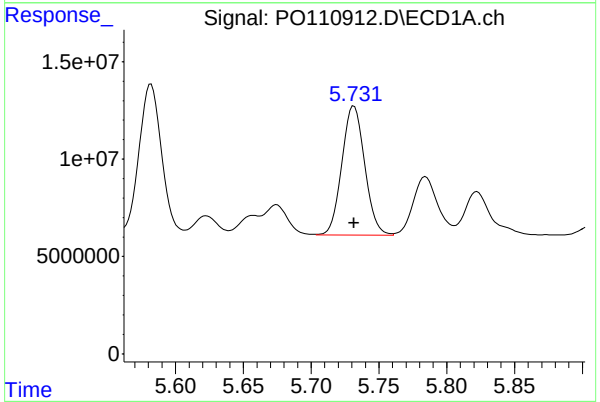
R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 89585333
Conc: 265.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



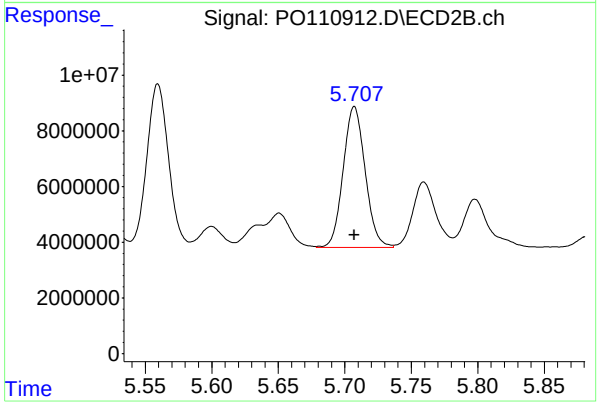
#26 AR-1254-1

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 66476706
Conc: 266.86 ng/ml



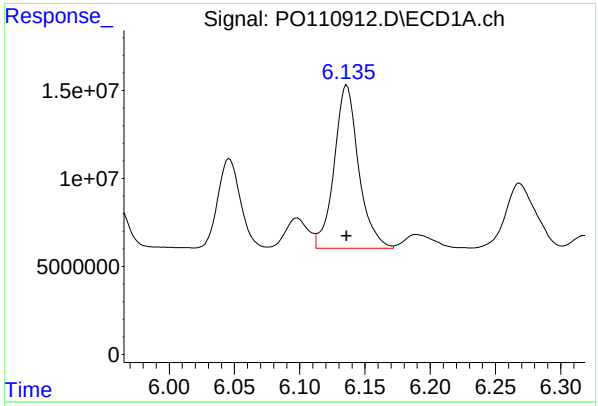
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 77477026
Conc: 269.28 ng/ml



#27 AR-1254-2

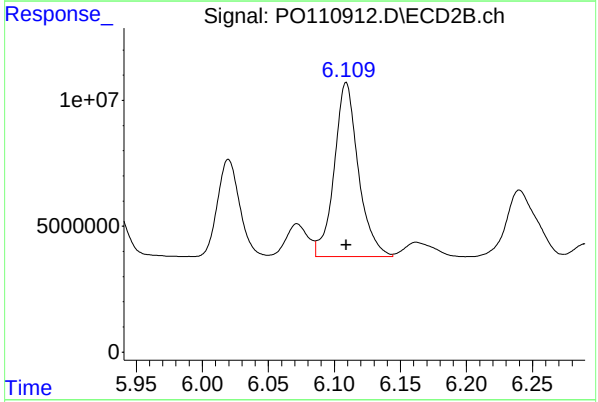
R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 58202668
Conc: 270.42 ng/ml



#28 AR-1254-3

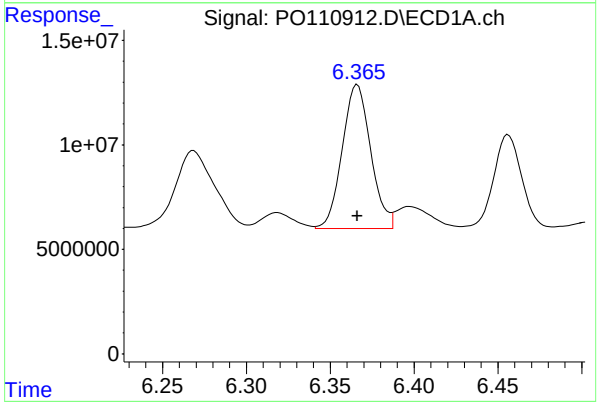
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 120970500
Conc: 263.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



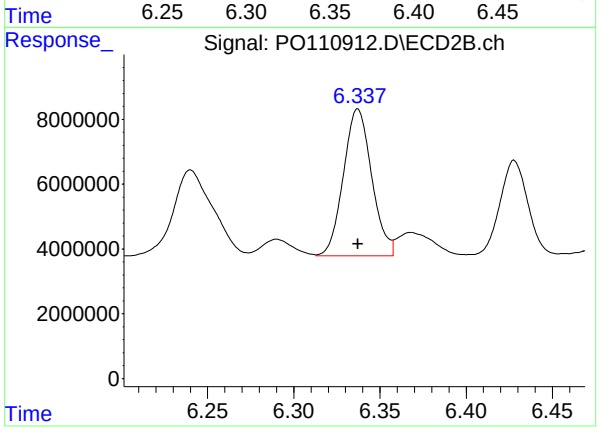
#28 AR-1254-3

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 88016126
Conc: 263.72 ng/ml



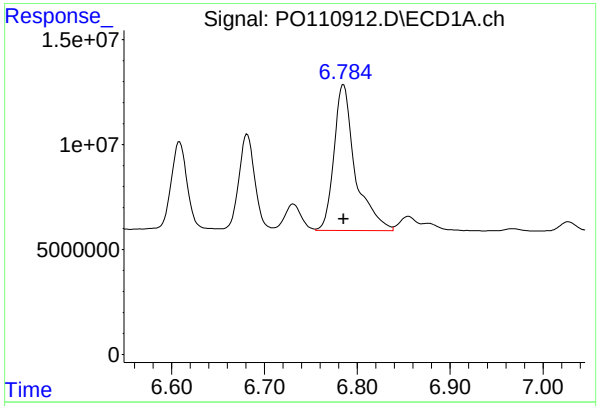
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 81390707
Conc: 265.24 ng/ml



#29 AR-1254-4

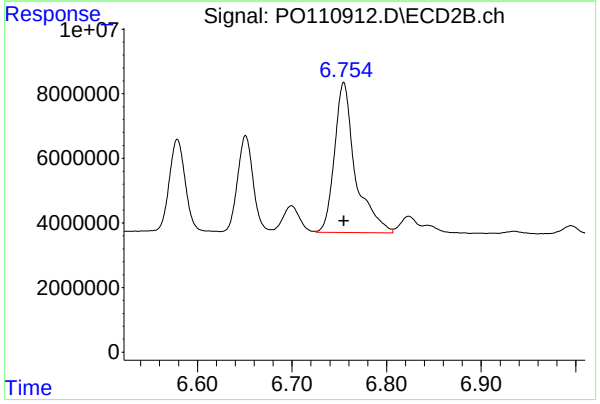
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 51770094
Conc: 266.09 ng/ml



#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 110558795
Conc: 261.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 71067939
Conc: 263.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 16:25
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 16:33:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 15:59:59 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...	3.684	3.680	26377540	22002180	4.626	4.557
2)	SA Decachlor...	8.727	8.677	30782814	8968537	5.022	5.161
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.559	16979705	12934439	50.300	51.527
27)	L6 AR-1254-2	5.732	5.708	14380863	11500122	49.985	52.708
28)	L6 AR-1254-3	6.137	6.109	22400934	16802895	48.985	50.277
29)	L6 AR-1254-4	6.366	6.337	14834665	9628805	48.666	49.592
30)	L6 AR-1254-5	6.786	6.754	20936827	13194846	49.626	49.183

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

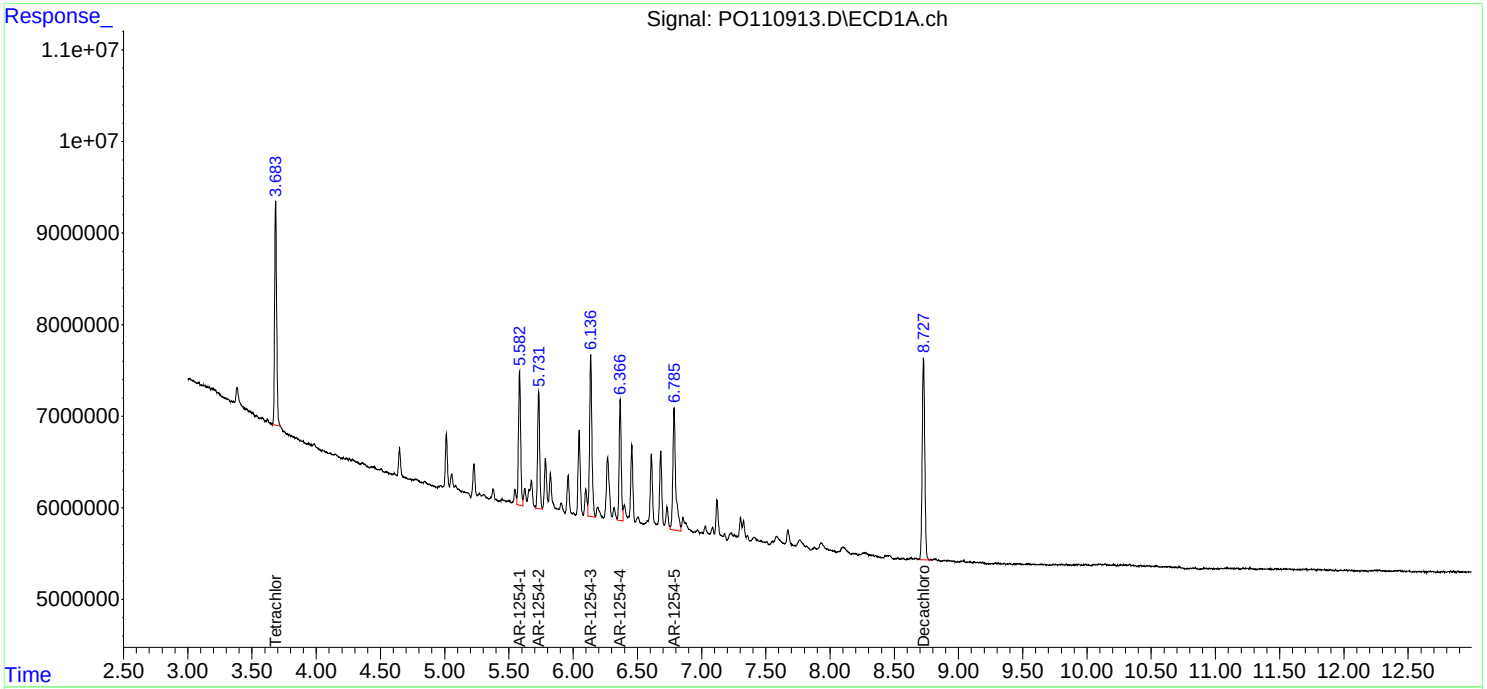
ICAL Form

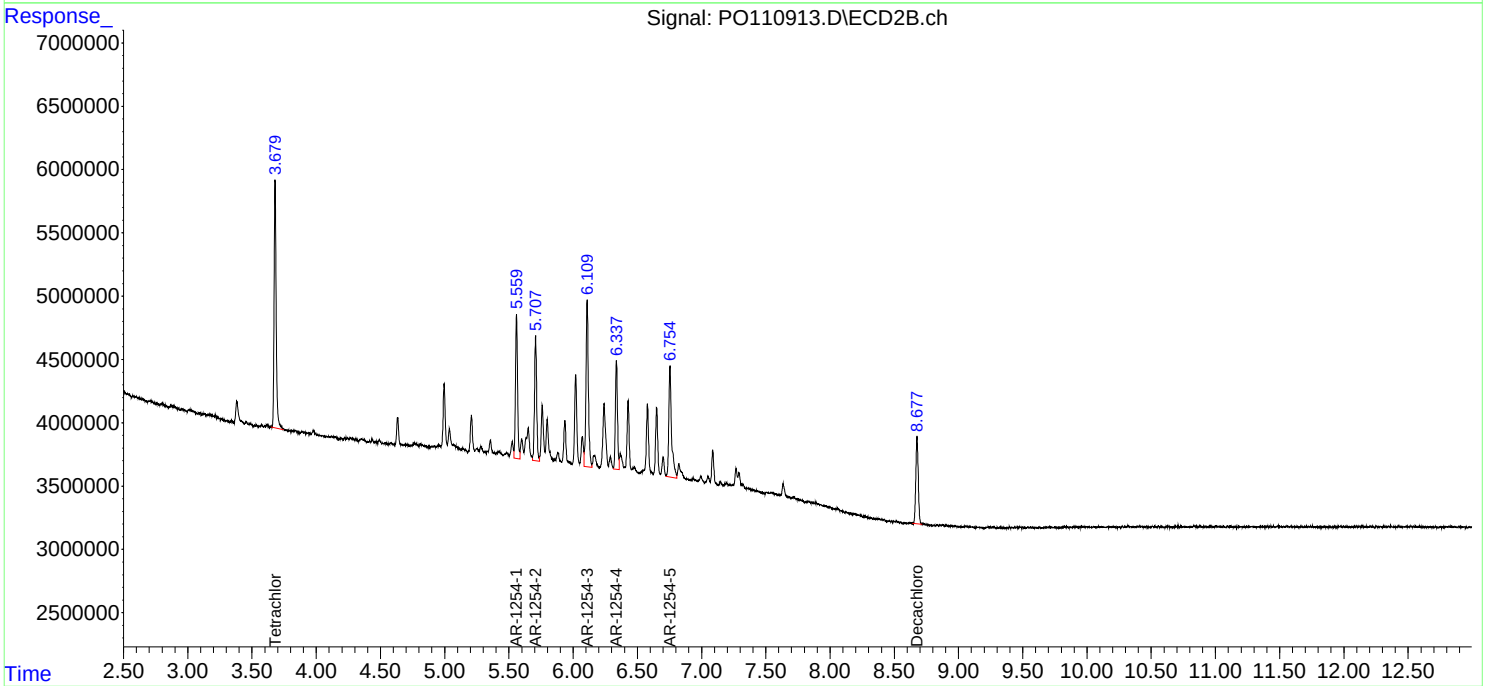
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 16:25
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

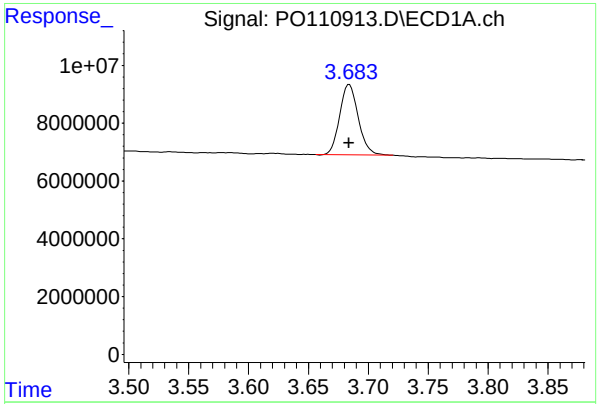
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 16:33:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 15:59:59 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



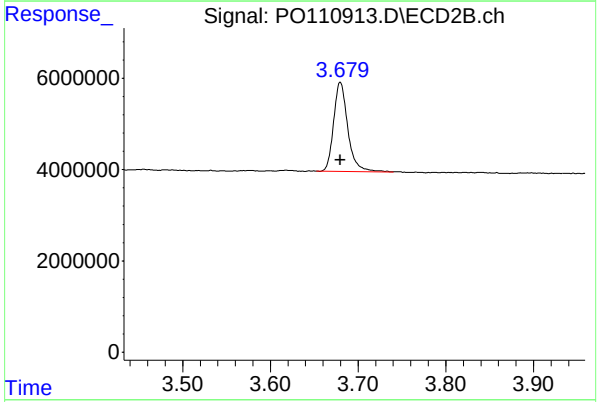




#1 Tetrachloro-m-xylene

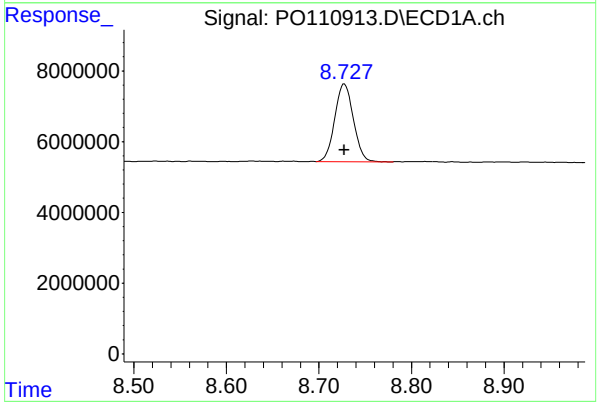
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 26377540
Conc: 4.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



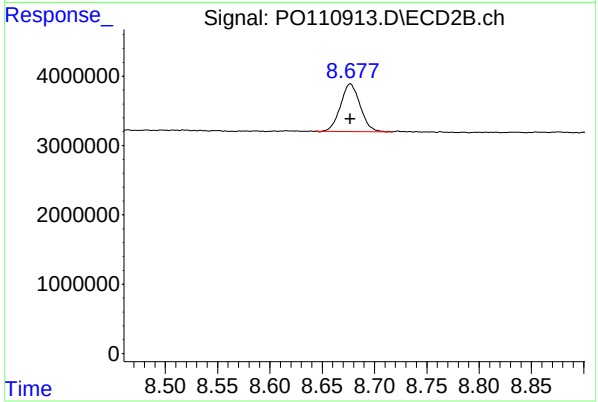
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 22002180
Conc: 4.56 ng/ml



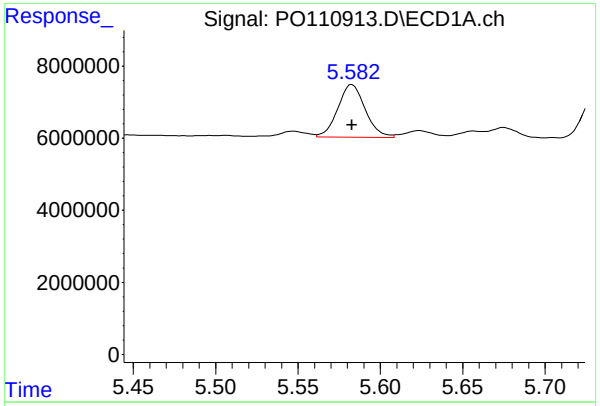
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: 0.000 min
Response: 30782814
Conc: 5.02 ng/ml



#2 Decachlorobiphenyl

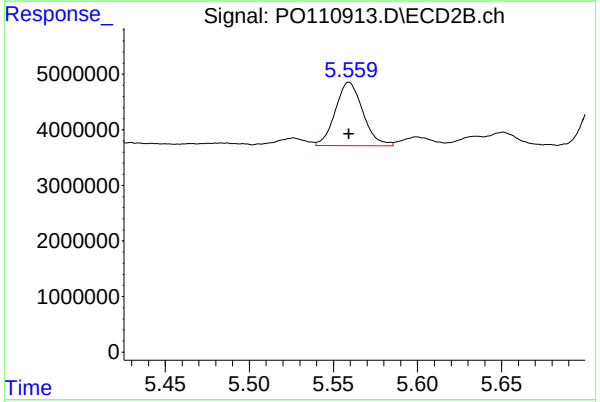
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 8968537
Conc: 5.16 ng/ml



#26 AR-1254-1

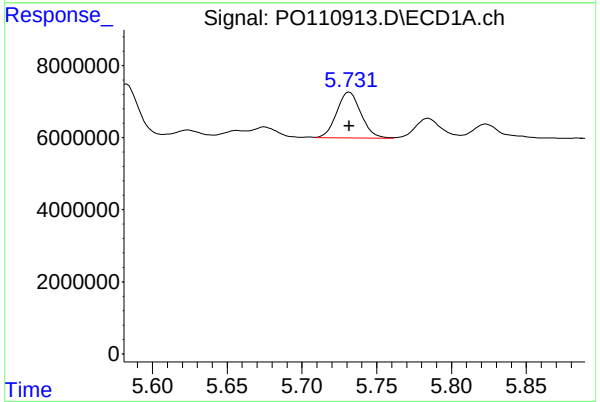
R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 16979705
Conc: 50.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



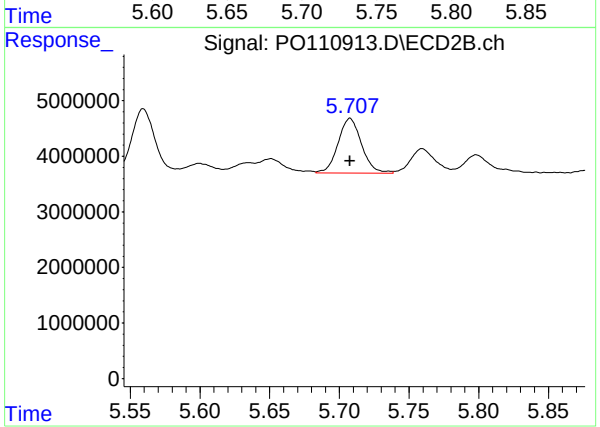
#26 AR-1254-1

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 12934439
Conc: 51.53 ng/ml



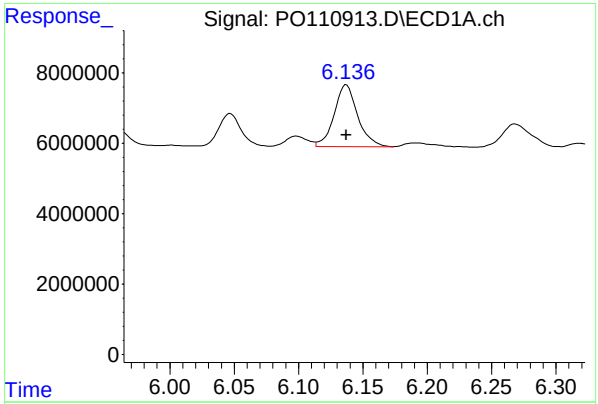
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 14380863
Conc: 49.99 ng/ml



#27 AR-1254-2

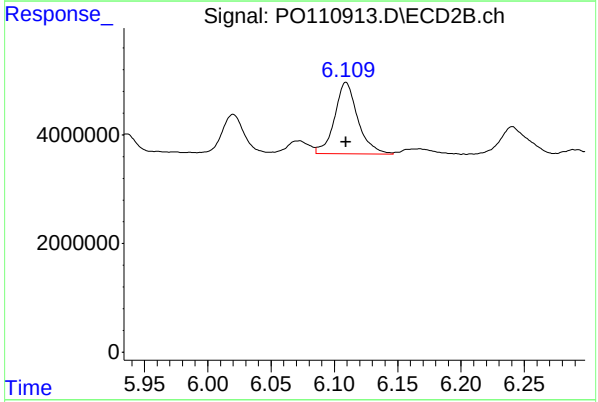
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 11500122
Conc: 52.71 ng/ml



#28 AR-1254-3

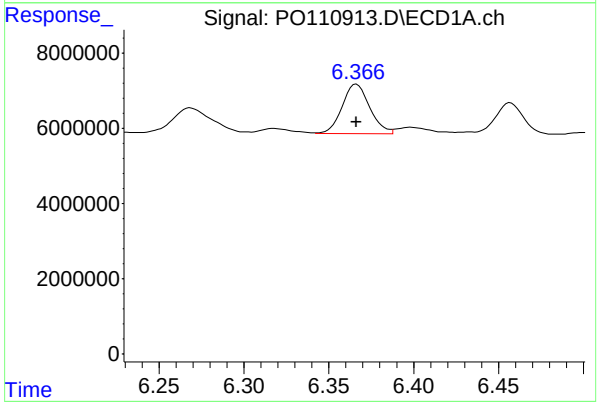
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 22400934
Conc: 48.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



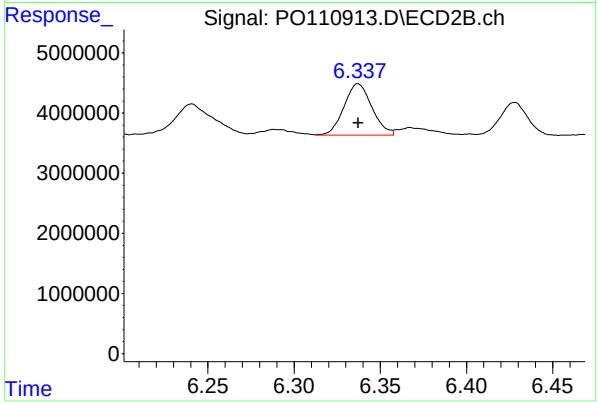
#28 AR-1254-3

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 16802895
Conc: 50.28 ng/ml



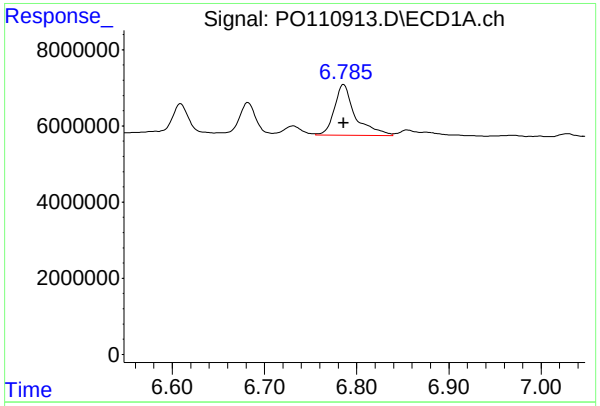
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 14834665
Conc: 48.67 ng/ml



#29 AR-1254-4

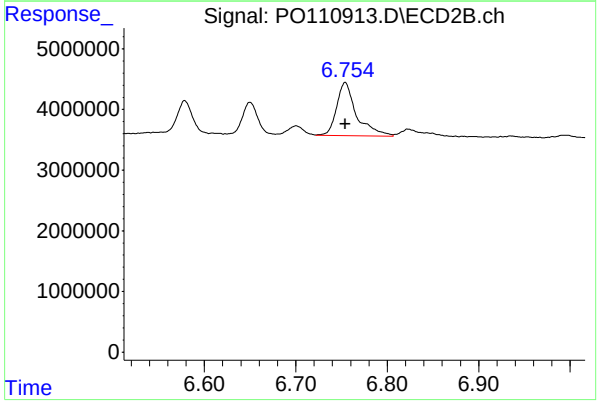
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 9628805
Conc: 49.59 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: 0.000 mi
Response: 20936827
Conc: 49.63 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 13194846
Conc: 49.18 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 17:01
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: May 02 17:19:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 17:19:28 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...	3.683	3.680	287.5E6	248.5E6	50.000	50.000
2)	SA Decachlor...	8.727	8.677	301.9E6	86654868	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.823	6.793	230.2E6	141.2E6	500.000	500.000
37)	L8 AR-1262-2	7.326	7.292	393.2E6	219.7E6	500.000	500.000
38)	L8 AR-1262-3	7.609	7.575	167.0E6	81181101	500.000	500.000
39)	L8 AR-1262-4	7.674	7.638	289.3E6	145.6E6	500.000	500.000
40)	L8 AR-1262-5	8.172	8.132	133.4E6	49296483	500.000	500.000

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

Quantitation Report (QT Reviewed)

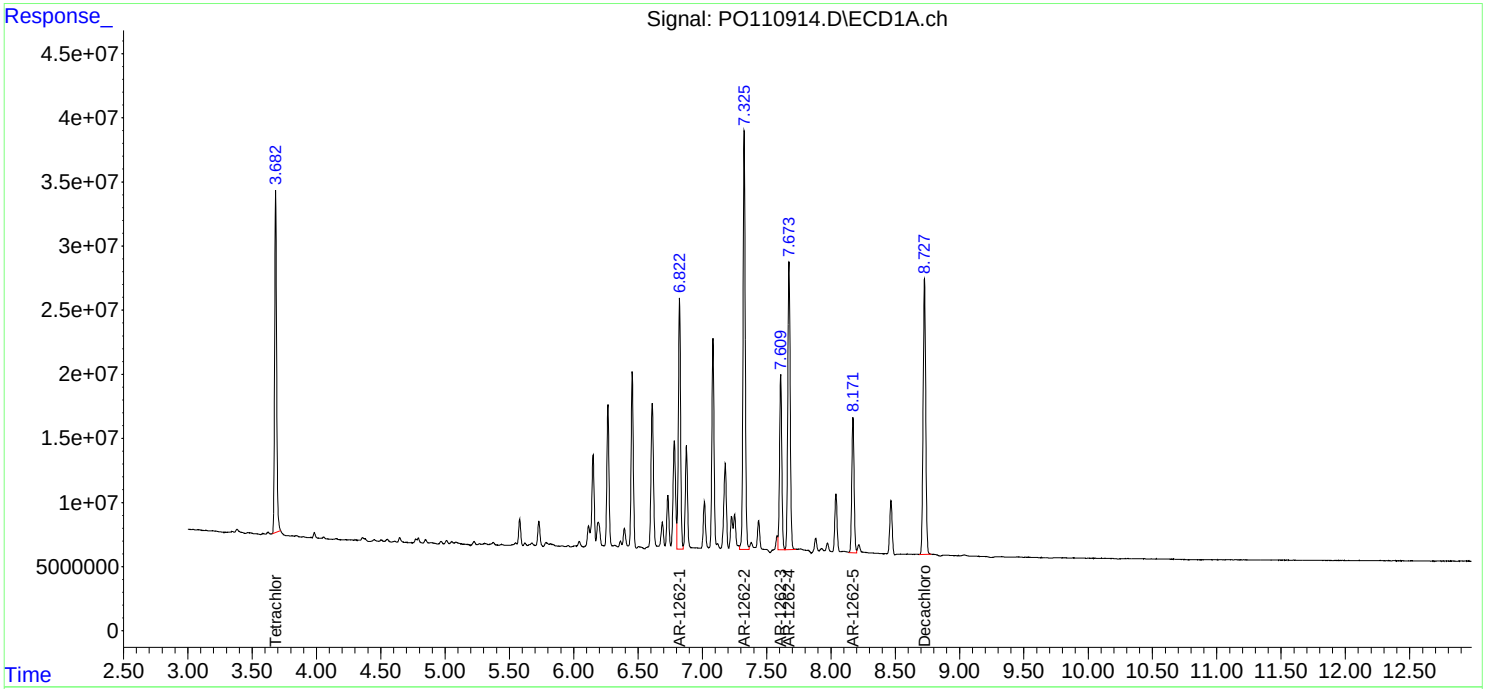
ICAL Form

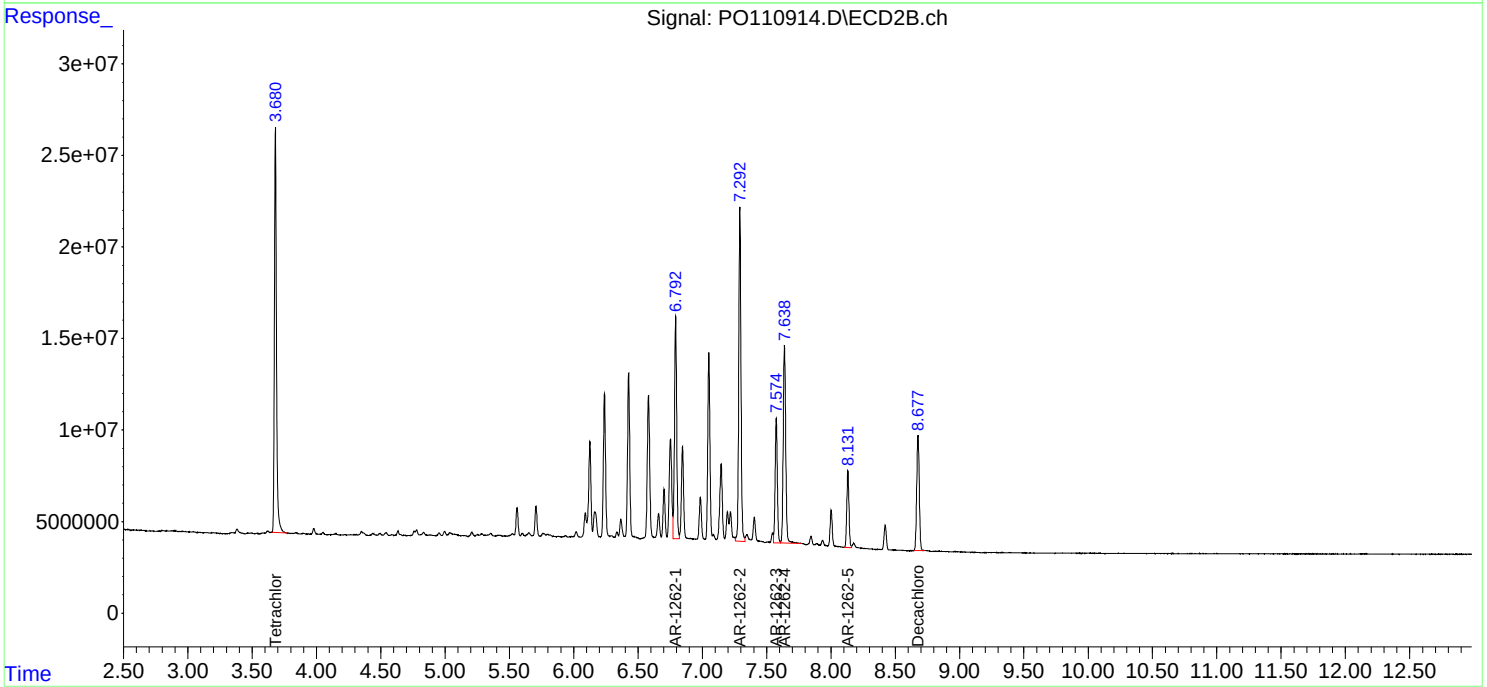
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 17:01
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

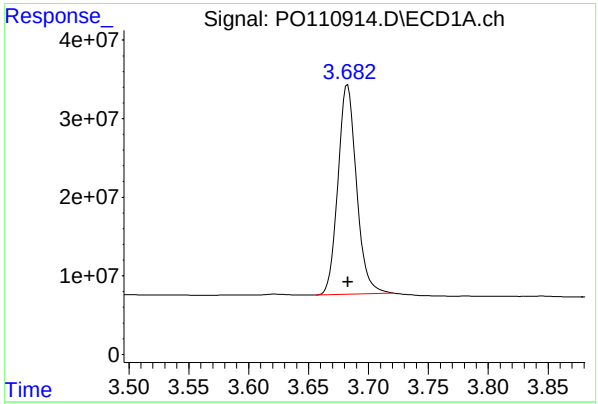
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 17:19:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 17:19:28 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



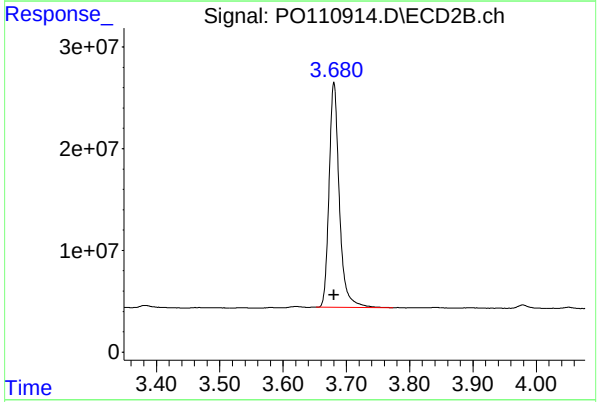




#1 Tetrachloro-m-xylene

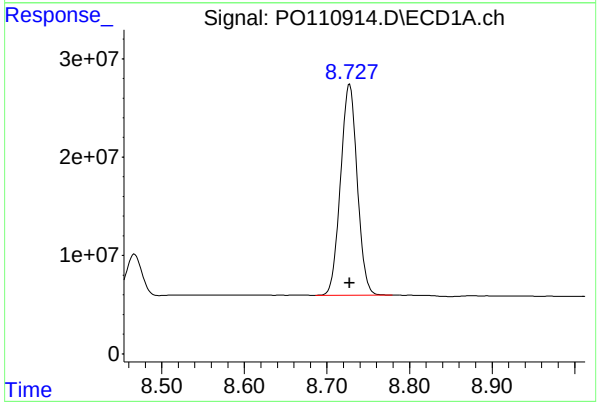
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 287519257
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



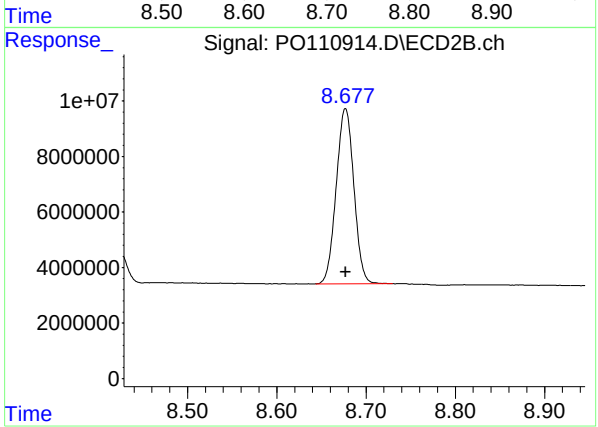
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 248524290
Conc: 50.00 ng/ml



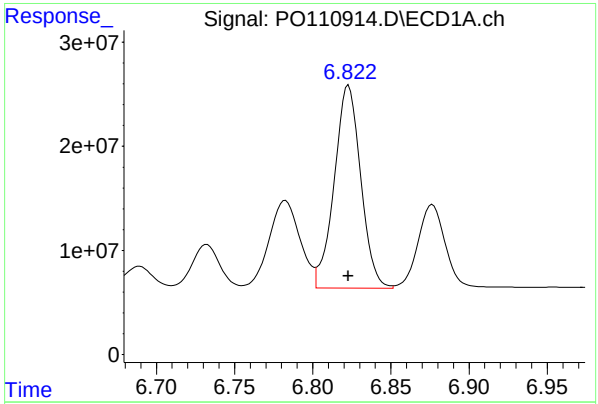
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: 0.000 min
Response: 301931577
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

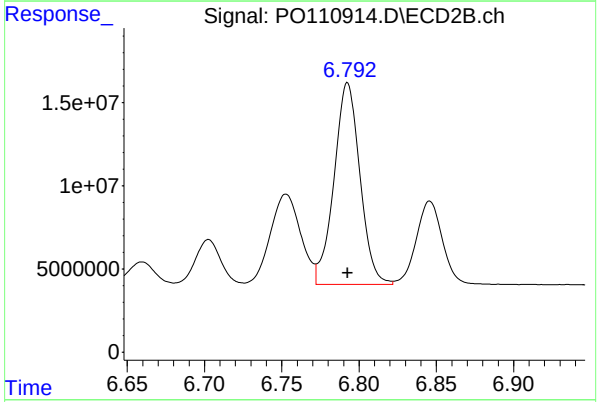
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 86654868
Conc: 50.00 ng/ml



#36 AR-1262-1

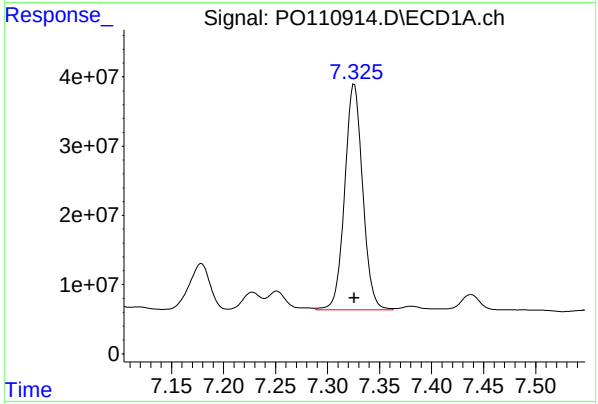
R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 230210457
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



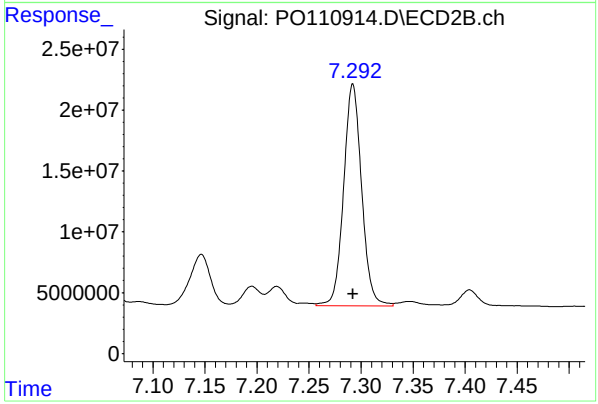
#36 AR-1262-1

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 141202483
Conc: 500.00 ng/ml



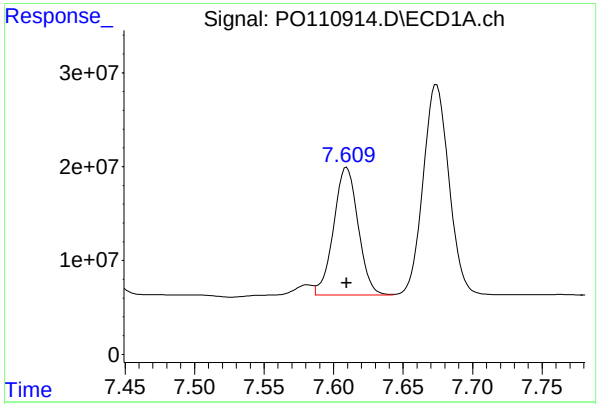
#37 AR-1262-2

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 393248577
Conc: 500.00 ng/ml



#37 AR-1262-2

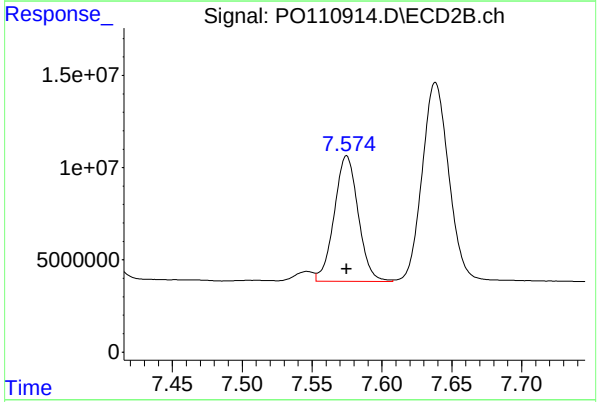
R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 219654237
Conc: 500.00 ng/ml



#38 AR-1262-3

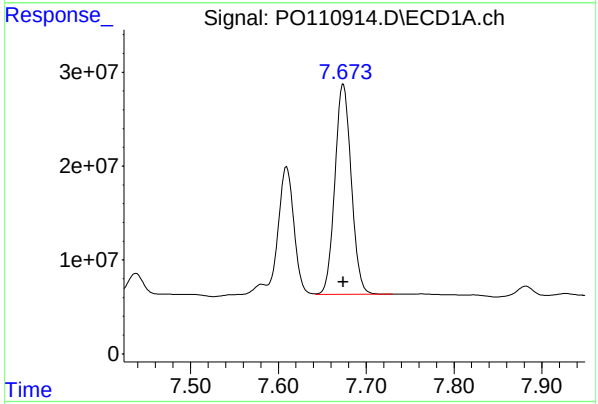
R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 167038642
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



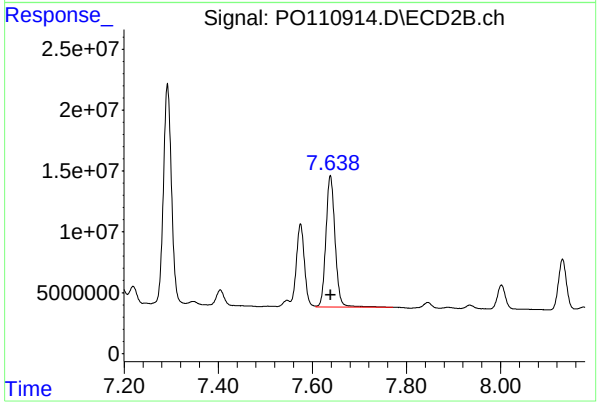
#38 AR-1262-3

R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 81181101
Conc: 500.00 ng/ml



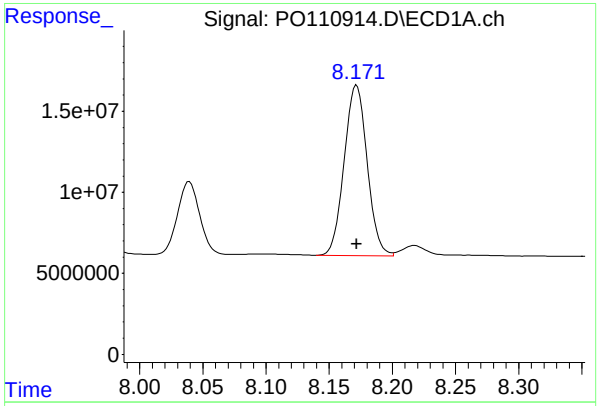
#39 AR-1262-4

R.T.: 7.674 min
Delta R.T.: 0.000 min
Response: 289254818
Conc: 500.00 ng/ml



#39 AR-1262-4

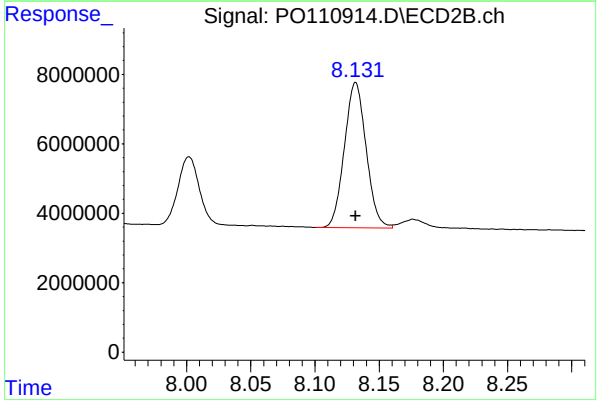
R.T.: 7.638 min
Delta R.T.: 0.000 min
Response: 145564455
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.172 min
Delta R.T.: 0.000 min
Response: 133397468
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 49296483
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 17:19
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: May 02 18:33:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.681	573.3E6	504.7E6	97.667	98.341
2)	SA Decachlor...	8.729	8.678	966.8E6	272.4E6	96.901	95.710
	Target Compounds						
41)	L9 AR-1268-1	7.612	7.575	896.2E6	431.3E6	975.187	969.139
42)	L9 AR-1268-2	7.677	7.640	817.1E6	393.3E6	974.807	972.186
43)	L9 AR-1268-3	7.884	7.846	700.1E6	288.9E6	970.124	967.772
44)	L9 AR-1268-4	8.172	8.132	290.3E6	105.0E6	966.013	961.948
45)	L9 AR-1268-5	8.470	8.423	2111.4E6	621.1E6	981.067	972.203

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

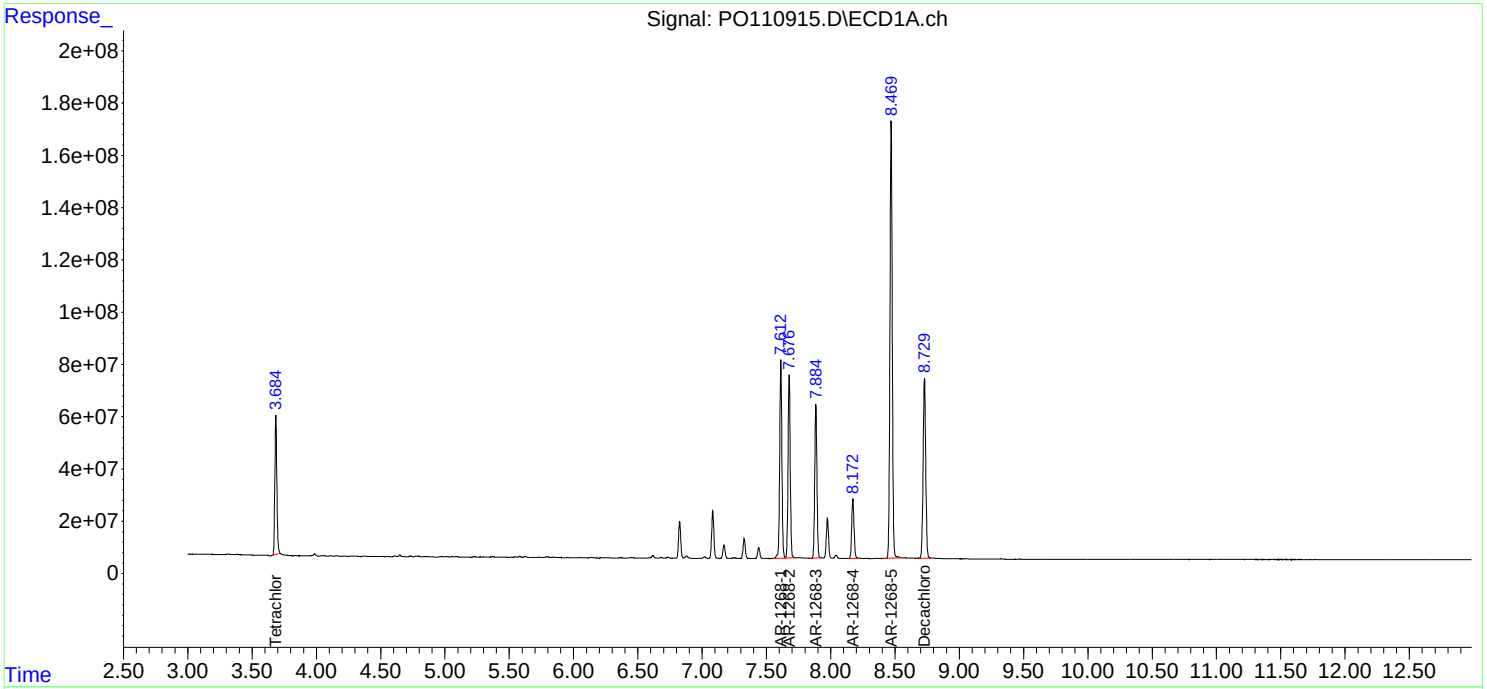
ICAL Form

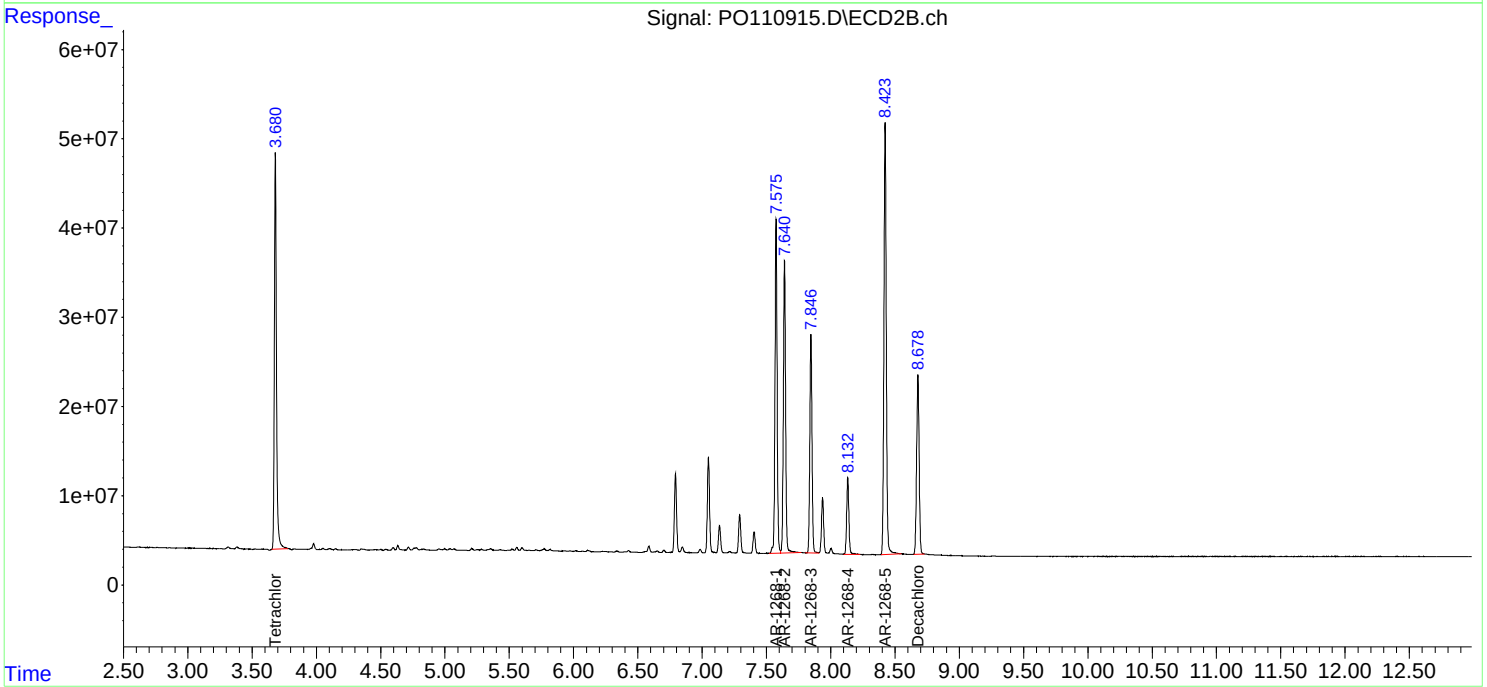
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 17:19
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

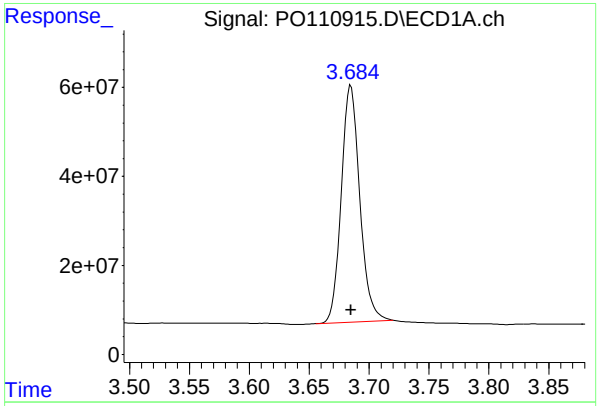
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 18:33:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



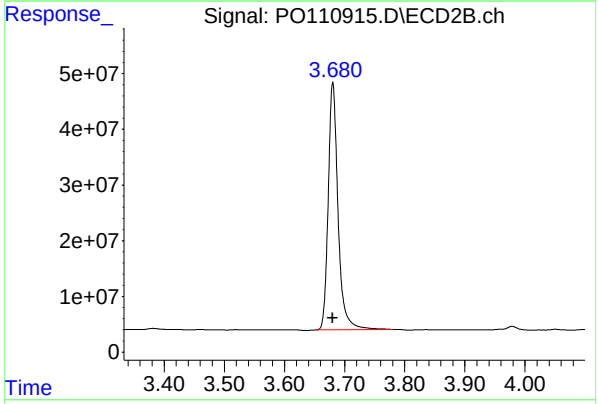




#1 Tetrachloro-m-xylene

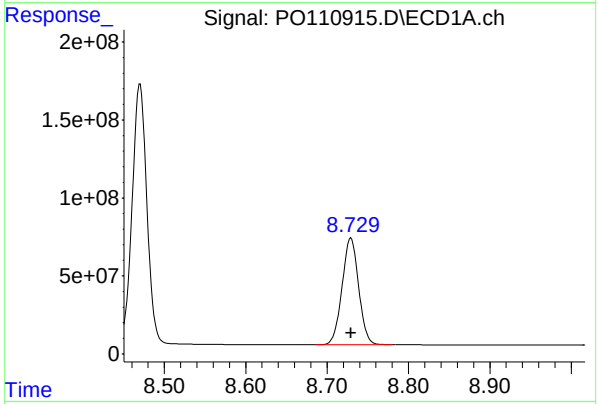
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 573309936
Conc: 97.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



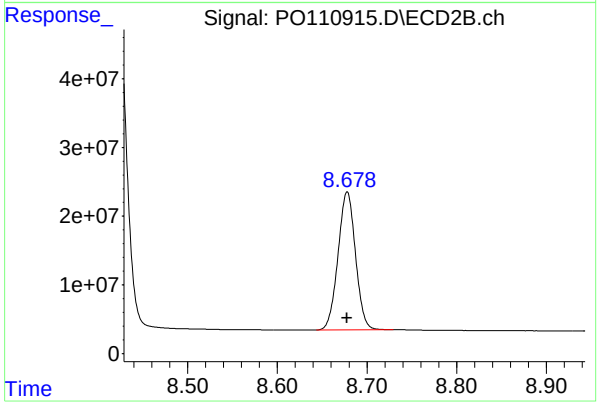
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 504726587
Conc: 98.34 ng/ml



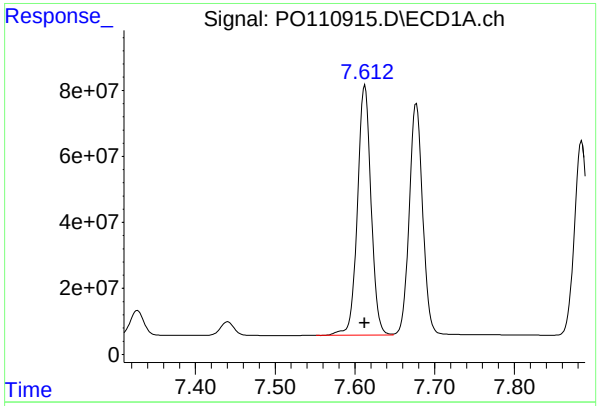
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 966833071
Conc: 96.90 ng/ml



#2 Decachlorobiphenyl

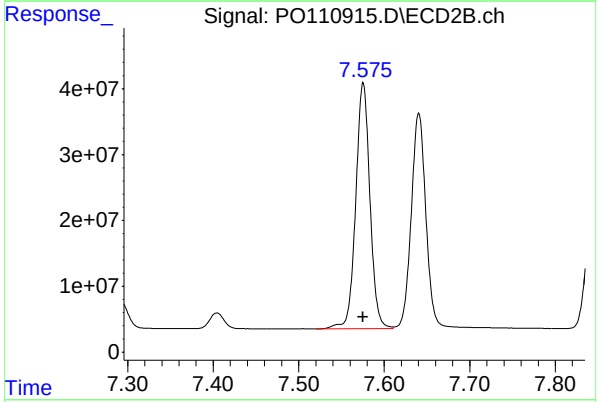
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 272358203
Conc: 95.71 ng/ml



#41 AR-1268-1

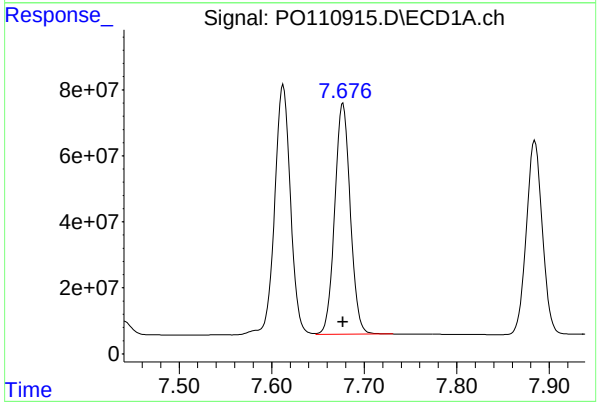
R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 896153865
Conc: 975.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



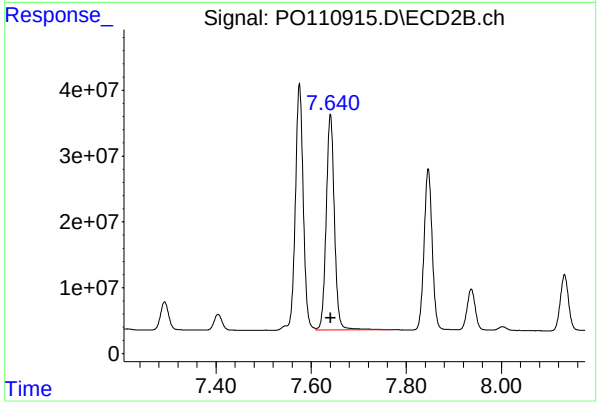
#41 AR-1268-1

R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 431329394
Conc: 969.14 ng/ml



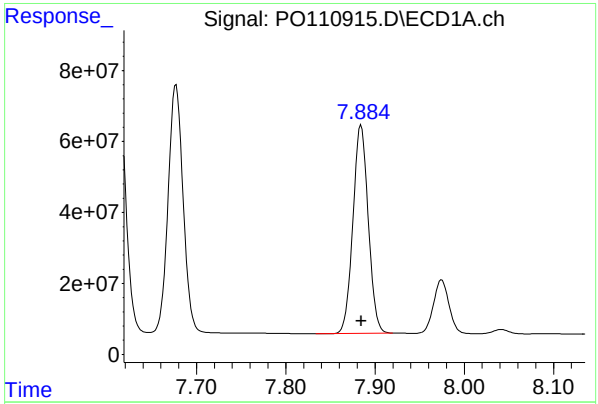
#42 AR-1268-2

R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 817138385
Conc: 974.81 ng/ml



#42 AR-1268-2

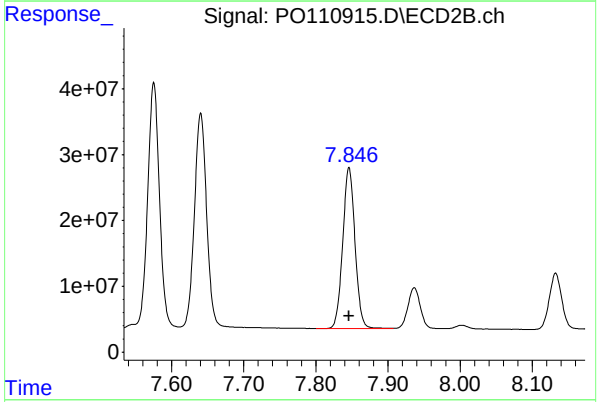
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 393313730
Conc: 972.19 ng/ml



#43 AR-1268-3

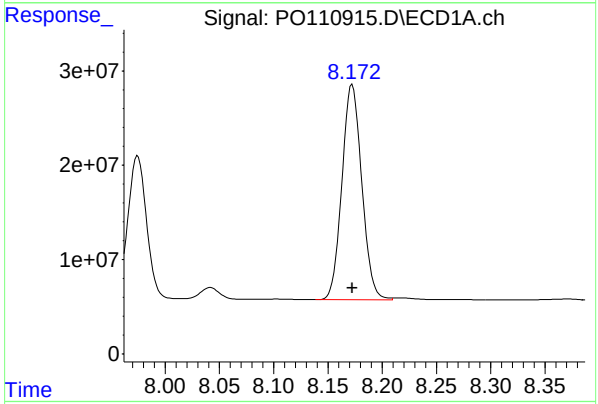
R.T.: 7.884 min
Delta R.T.: 0.000 min
Response: 700056139
Conc: 970.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



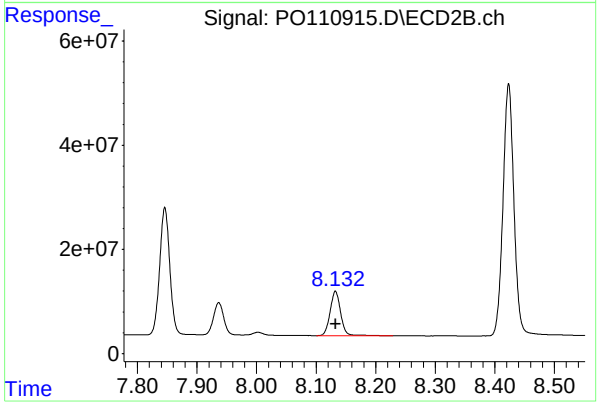
#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 288901411
Conc: 967.77 ng/ml



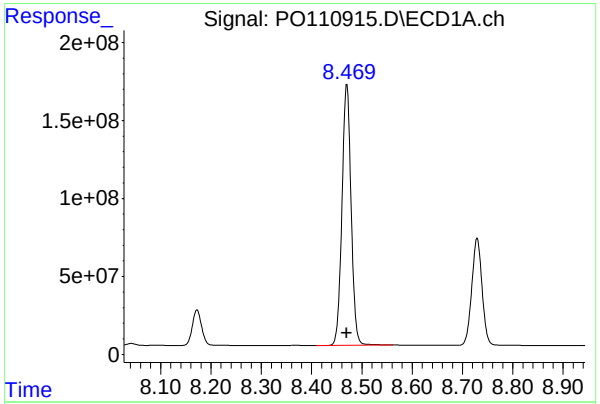
#44 AR-1268-4

R.T.: 8.172 min
Delta R.T.: 0.000 min
Response: 290278356
Conc: 966.01 ng/ml



#44 AR-1268-4

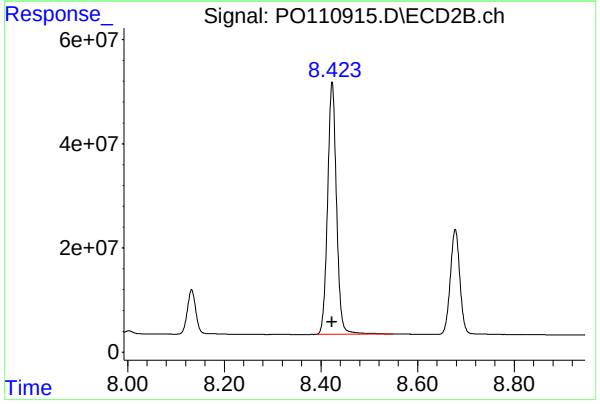
R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 104991080
Conc: 961.95 ng/ml



#45 AR-1268-5

R.T.: 8.470 min
Delta R.T.: 0.000 min
Response: 2111394804
Conc: 981.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 621133951
Conc: 972.20 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 17:38
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: May 02 18:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.684	3.680	446.1E6	390.1E6	75.661	75.663
2)	SA Decachlor...	8.729	8.677	750.0E6	210.9E6	75.114	74.412
	Target Compounds						
41)	L9 AR-1268-1	7.613	7.576	694.6E6	332.6E6	753.911	748.220
42)	L9 AR-1268-2	7.677	7.641	634.0E6	301.9E6	754.209	747.404
43)	L9 AR-1268-3	7.884	7.847	545.3E6	222.6E6	753.734	747.166
44)	L9 AR-1268-4	8.173	8.132	226.0E6	82273644	751.474	752.534
45)	L9 AR-1268-5	8.469	8.424	1623.9E6	474.3E6	753.030	744.937

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

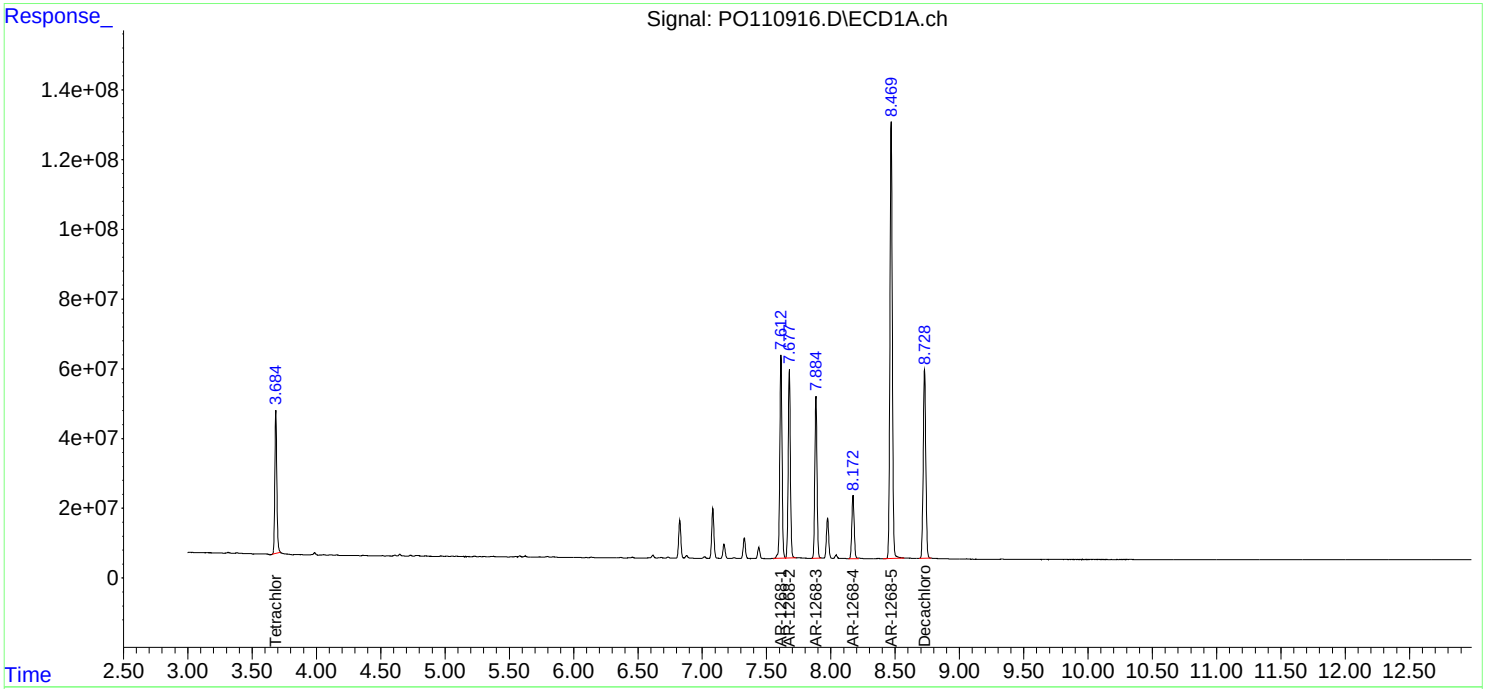
ICAL Form

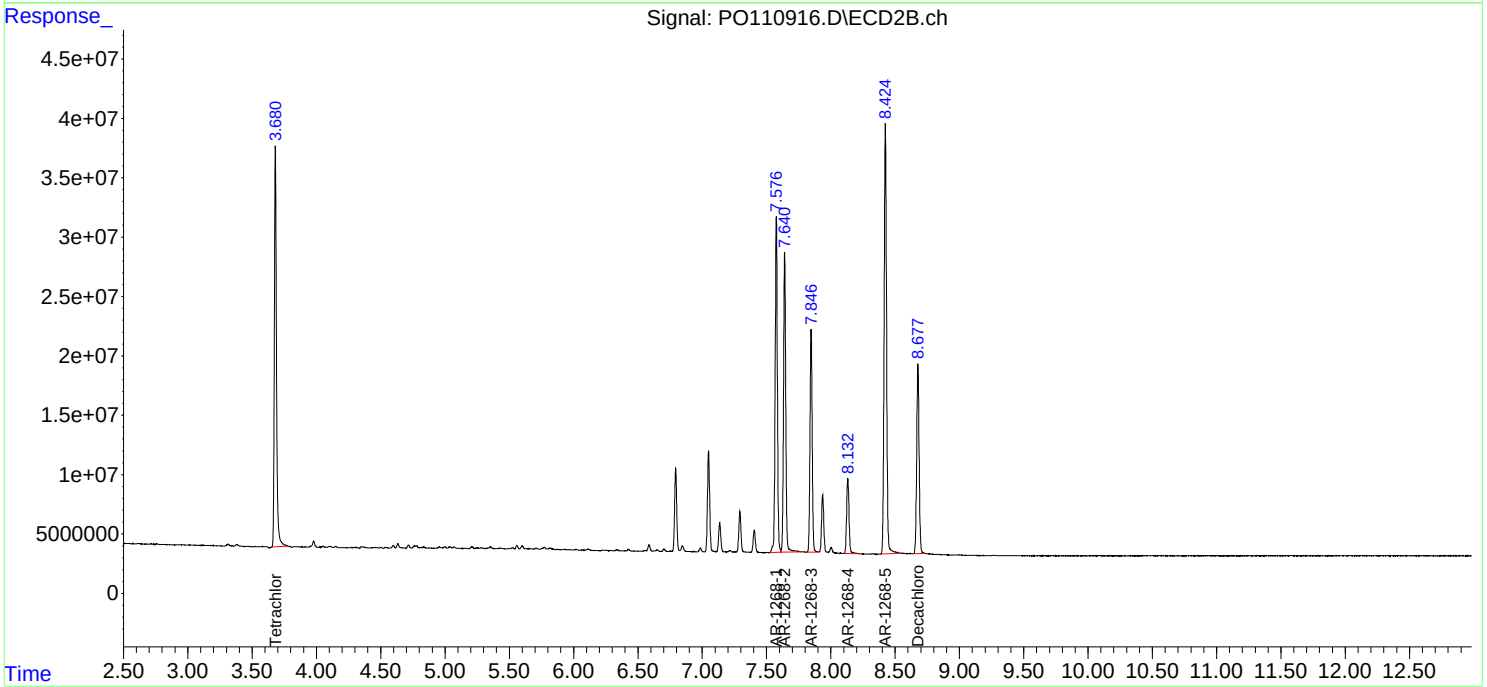
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 17:38
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

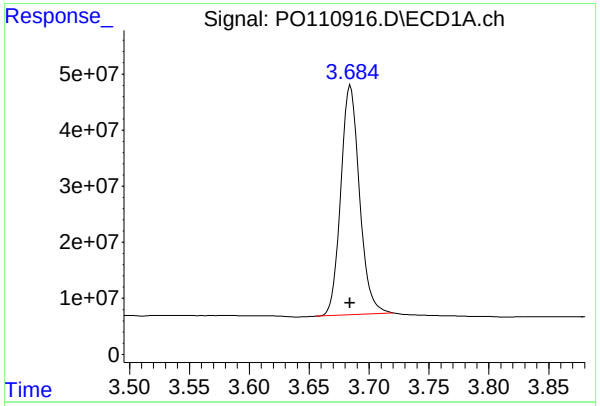
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 18:36:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



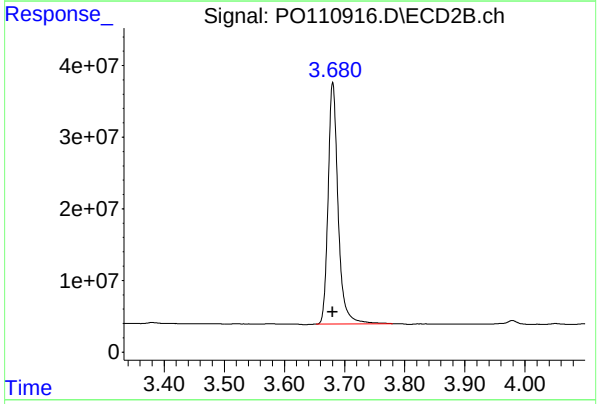




#1 Tetrachloro-m-xylene

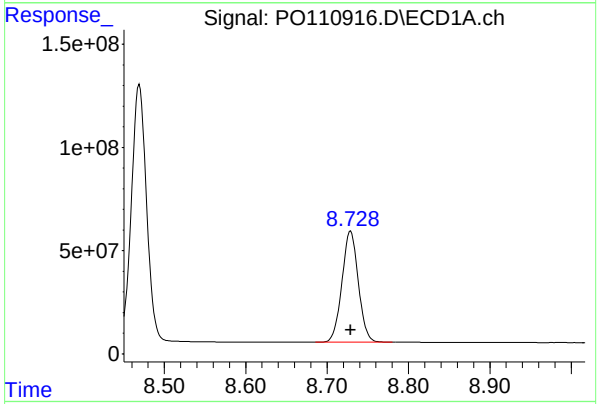
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 446095822
Conc: 75.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



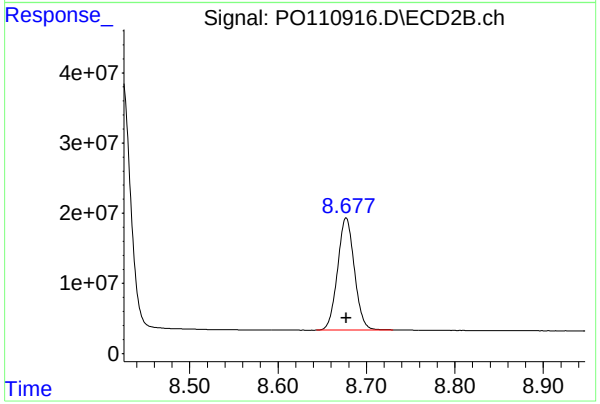
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 390059280
Conc: 75.66 ng/ml



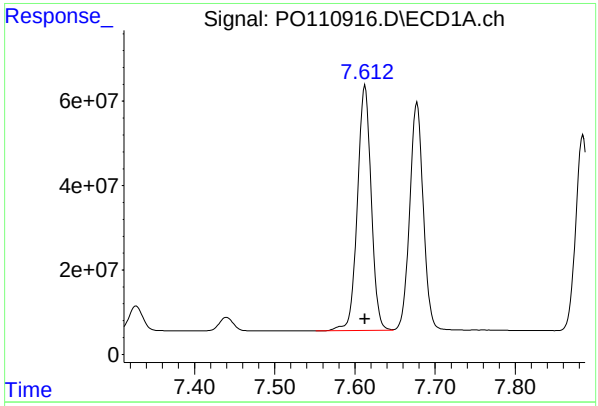
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 750024887
Conc: 75.11 ng/ml



#2 Decachlorobiphenyl

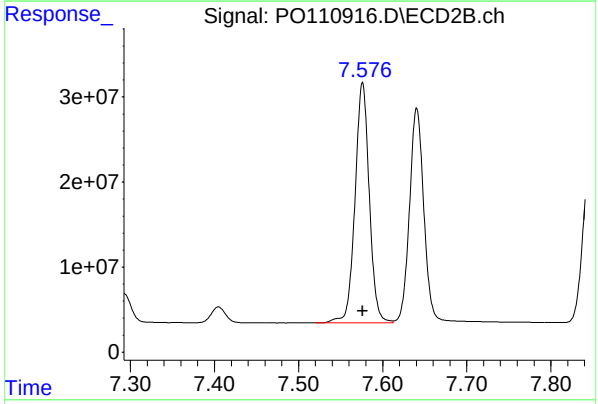
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 210924153
Conc: 74.41 ng/ml



#41 AR-1268-1

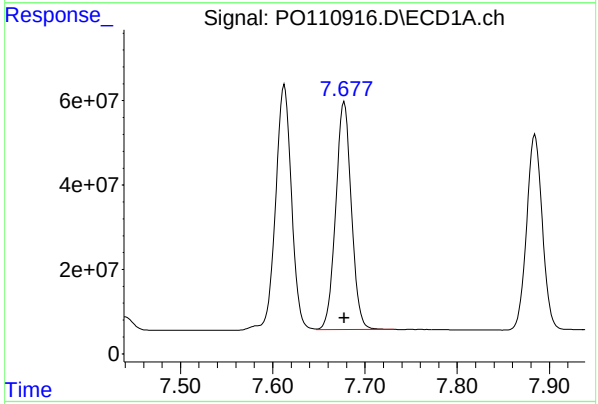
R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 694621892
Conc: 753.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



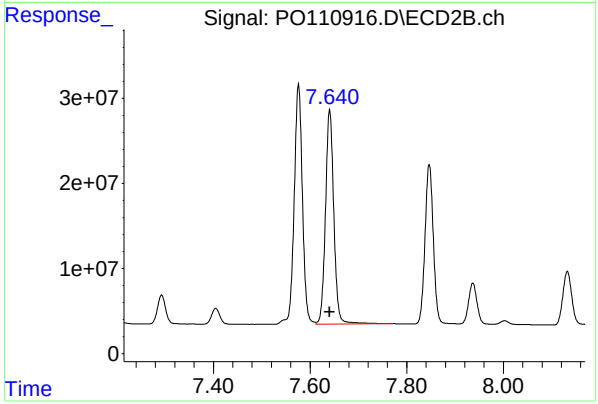
#41 AR-1268-1

R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 332611537
Conc: 748.22 ng/ml



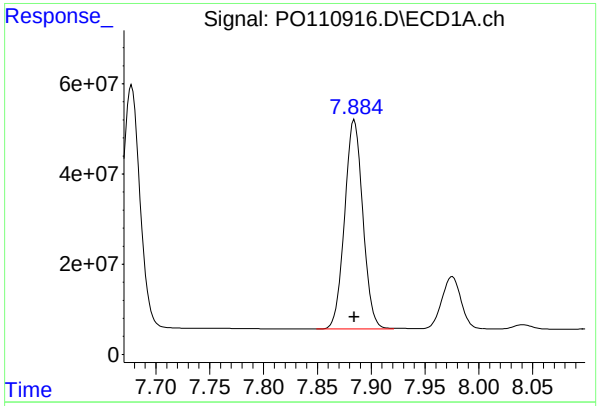
#42 AR-1268-2

R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 633999381
Conc: 754.21 ng/ml



#42 AR-1268-2

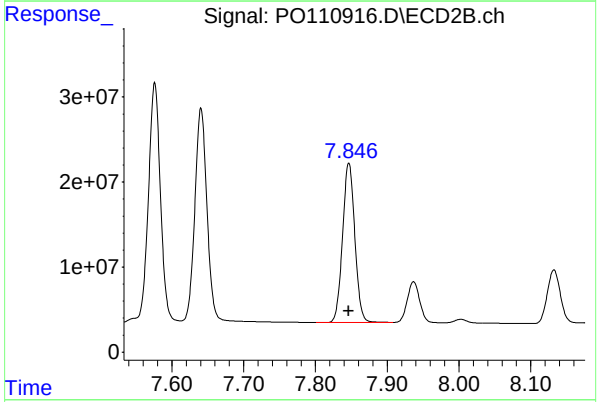
R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 301852085
Conc: 747.40 ng/ml



#43 AR-1268-3

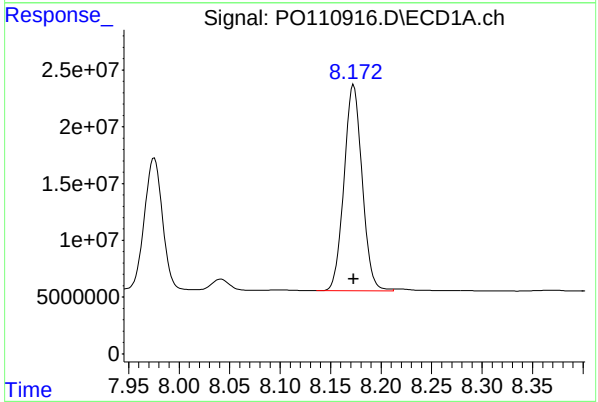
R.T.: 7.884 min
Delta R.T.: 0.000 min
Response: 545262541
Conc: 753.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



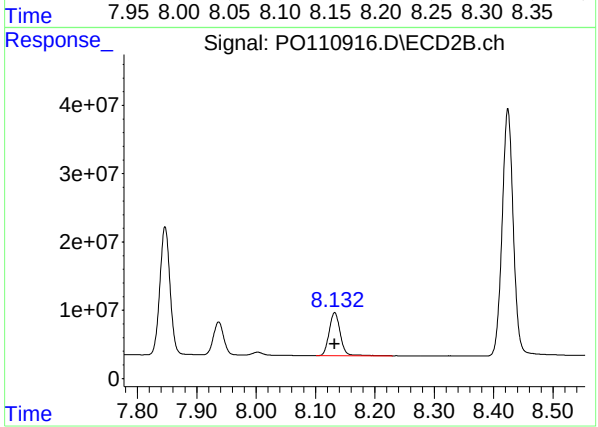
#43 AR-1268-3

R.T.: 7.847 min
Delta R.T.: 0.000 min
Response: 222625192
Conc: 747.17 ng/ml



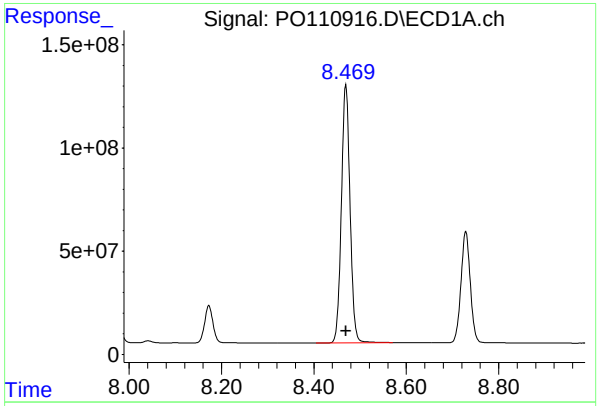
#44 AR-1268-4

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 226033673
Conc: 751.47 ng/ml



#44 AR-1268-4

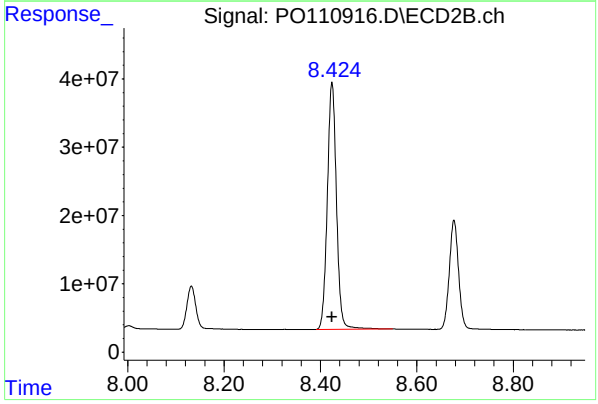
R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 82273644
Conc: 752.53 ng/ml



#45 AR-1268-5

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 1623906693
Conc: 753.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.424 min
Delta R.T.: 0.000 min
Response: 474334329
Conc: 744.94 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 17:55
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 18:31:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.683	3.680	300.3E6	260.9E6	50.000	50.000
2)	SA Decachlor...	8.726	8.677	514.3E6	148.4E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.610	7.576	470.9E6	229.4E6	500.000	500.000
42)	L9 AR-1268-2	7.675	7.640	429.7E6	207.9E6	500.000	500.000
43)	L9 AR-1268-3	7.882	7.846	371.6E6	154.1E6	500.000	500.000
44)	L9 AR-1268-4	8.171	8.132	155.4E6	56648660	500.000	500.000
45)	L9 AR-1268-5	8.467	8.424	1096.4E6	328.3E6	500.000	500.000

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

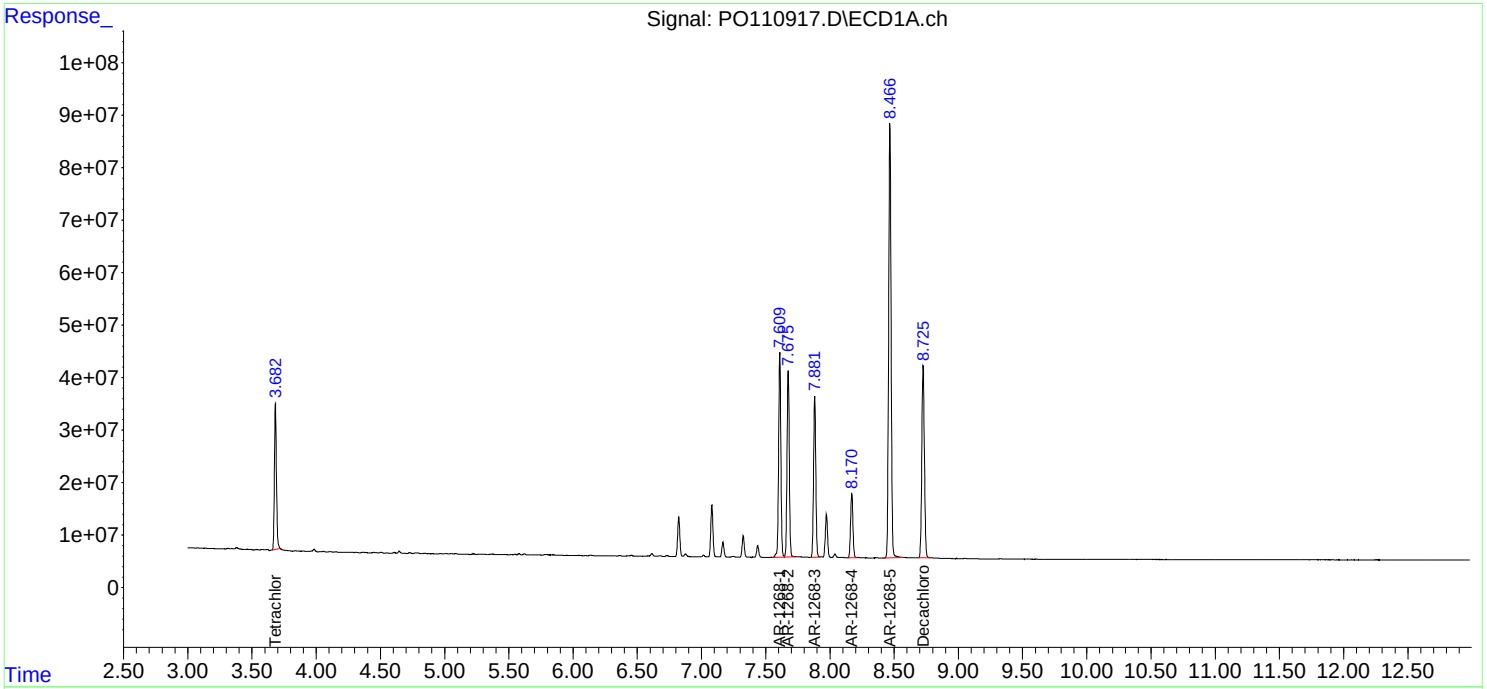
ICAL Form

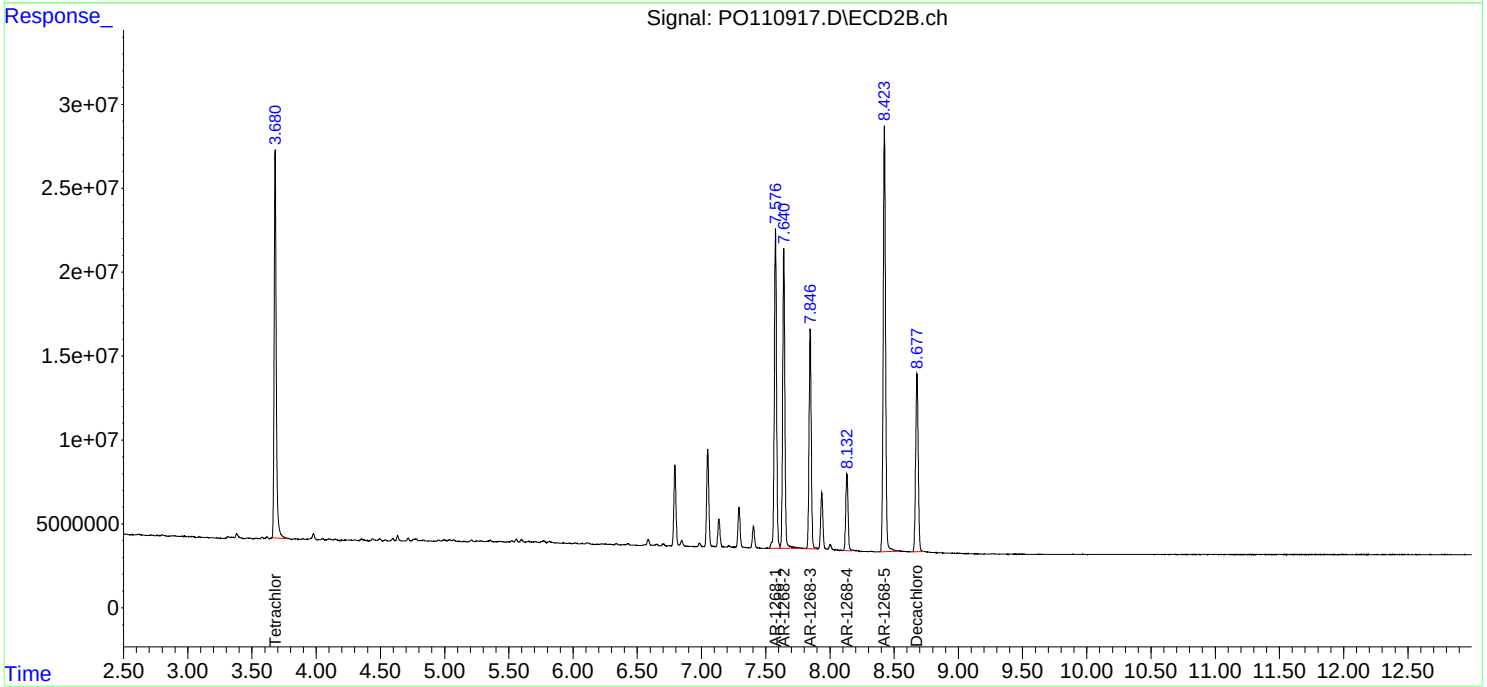
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 17:55
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

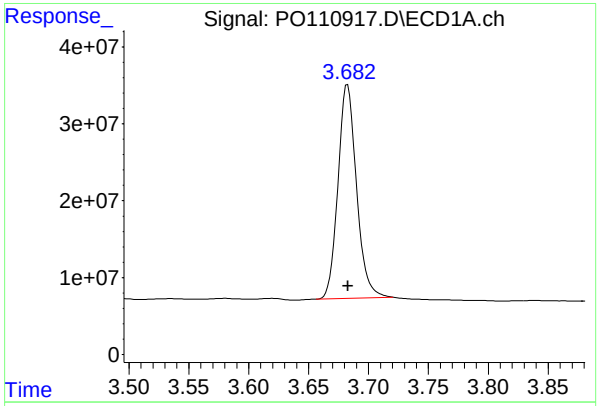
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 18:31:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



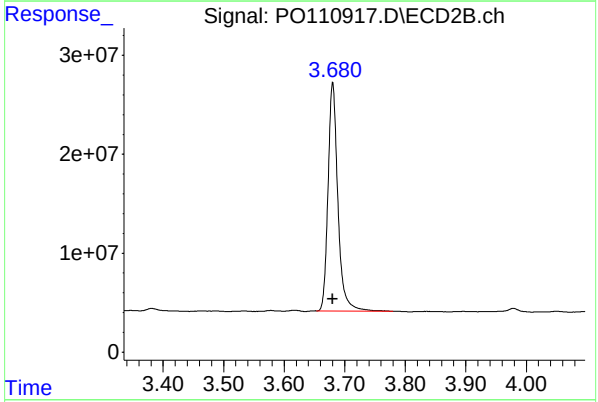




#1 Tetrachloro-m-xylene

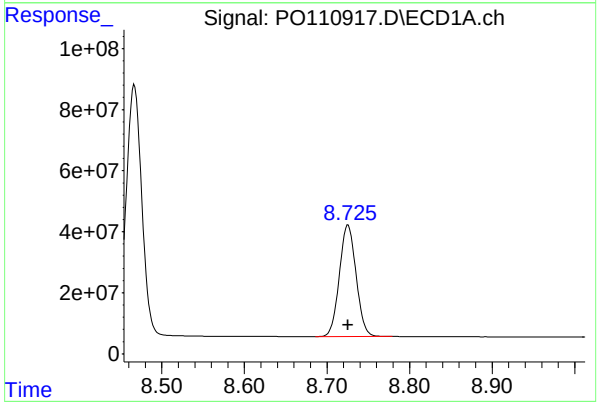
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 300348337
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



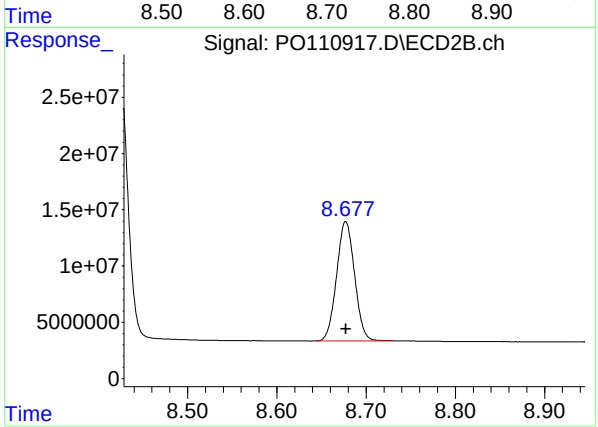
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 260876364
Conc: 50.00 ng/ml



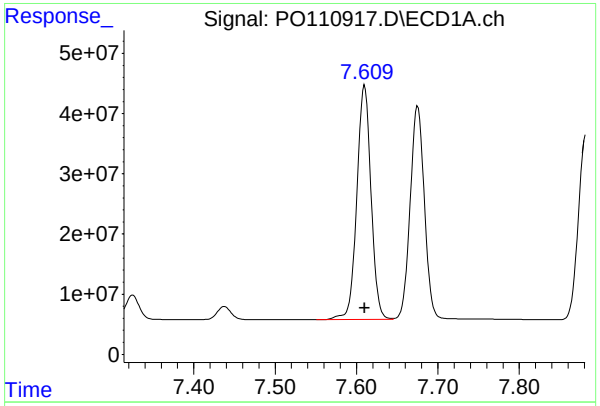
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 514334988
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

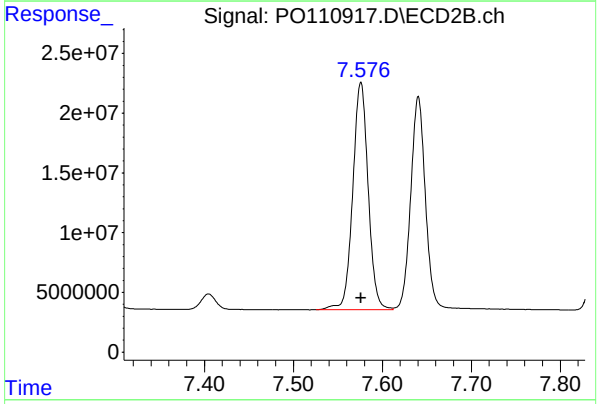
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 148386974
Conc: 50.00 ng/ml



#41 AR-1268-1

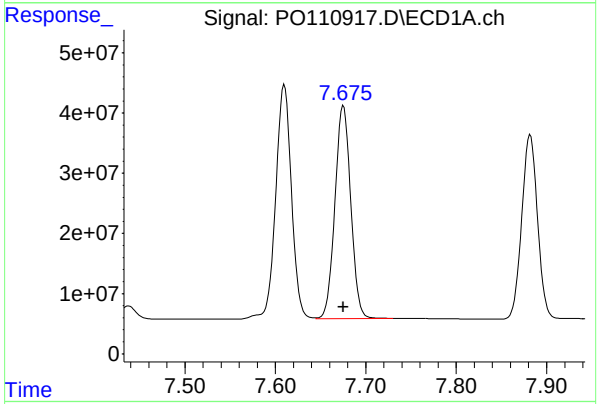
R.T.: 7.610 min
Delta R.T.: 0.000 min
Response: 470879391
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



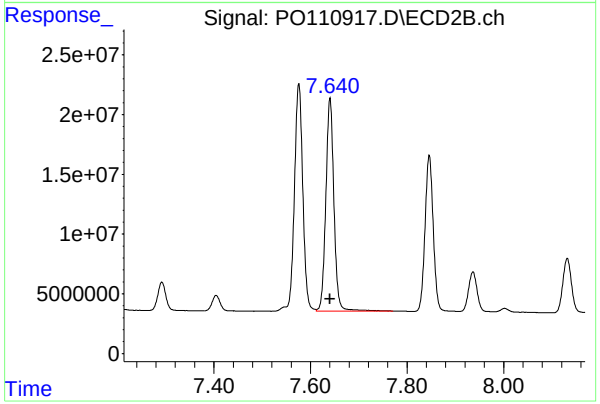
#41 AR-1268-1

R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 229400023
Conc: 500.00 ng/ml



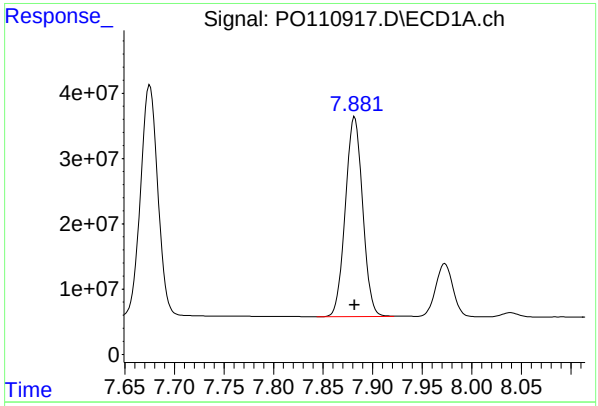
#42 AR-1268-2

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 429687469
Conc: 500.00 ng/ml



#42 AR-1268-2

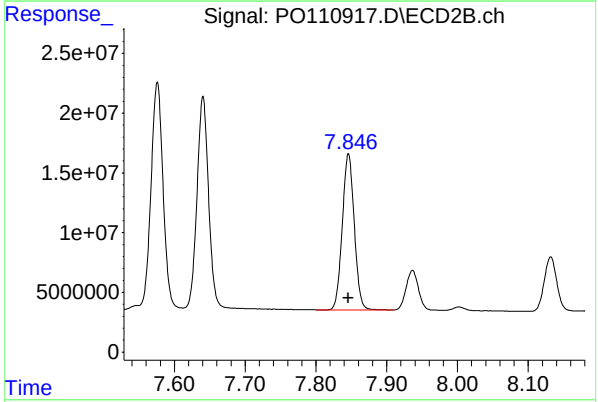
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 207909609
Conc: 500.00 ng/ml



#43 AR-1268-3

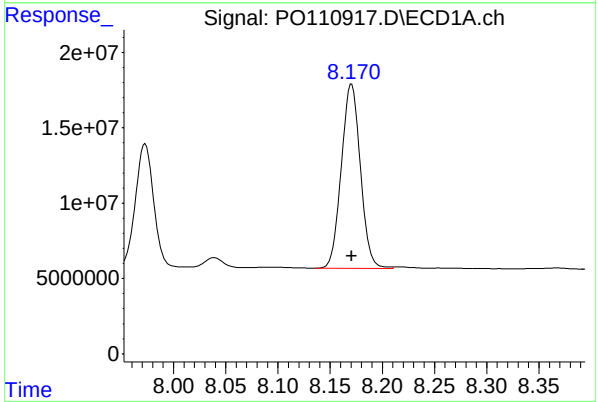
R.T.: 7.882 min
Delta R.T.: 0.000 min
Response: 371586702
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



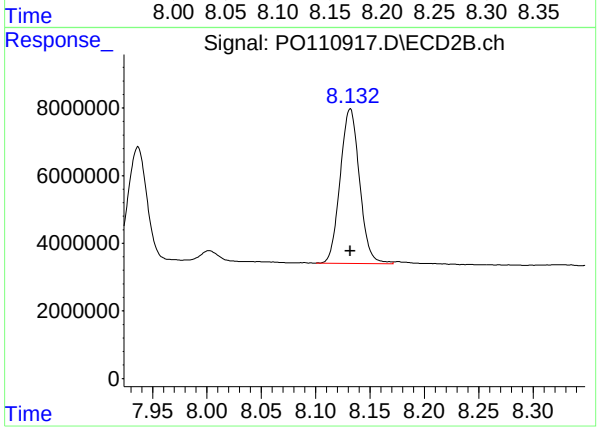
#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 154071601
Conc: 500.00 ng/ml



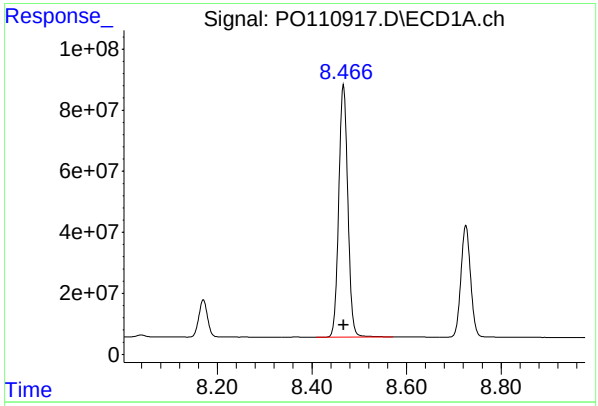
#44 AR-1268-4

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 155352125
Conc: 500.00 ng/ml



#44 AR-1268-4

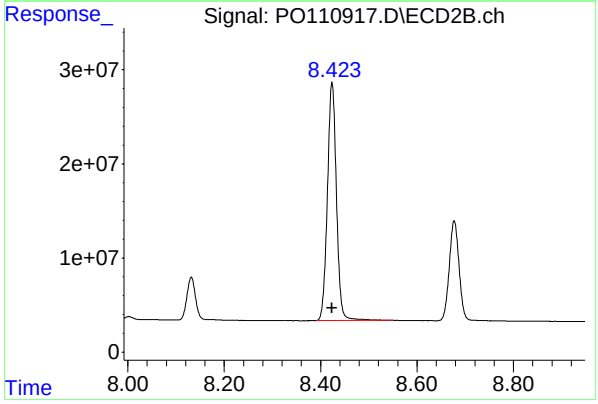
R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 56648660
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.467 min
Delta R.T.: 0.000 min
Response: 1096444692
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.424 min
Delta R.T.: 0.000 min
Response: 328326532
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 18:12
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: May 02 18:39:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.683	3.681	146.4E6	124.5E6	24.876	24.357
2)	SA Decachlor...	8.726	8.677	266.8E6	77807923	26.271	26.793
	Target Compounds						
41)	L9 AR-1268-1	7.610	7.575	240.5E6	118.8E6	258.185	262.672
42)	L9 AR-1268-2	7.675	7.640	217.9E6	106.4E6	256.815	259.887
43)	L9 AR-1268-3	7.882	7.846	194.3E6	79925352	263.643	263.437
44)	L9 AR-1268-4	8.171	8.132	75328902	29234654	250.329	262.828
45)	L9 AR-1268-5	8.467	8.423	548.0E6	168.8E6	253.068	261.119

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

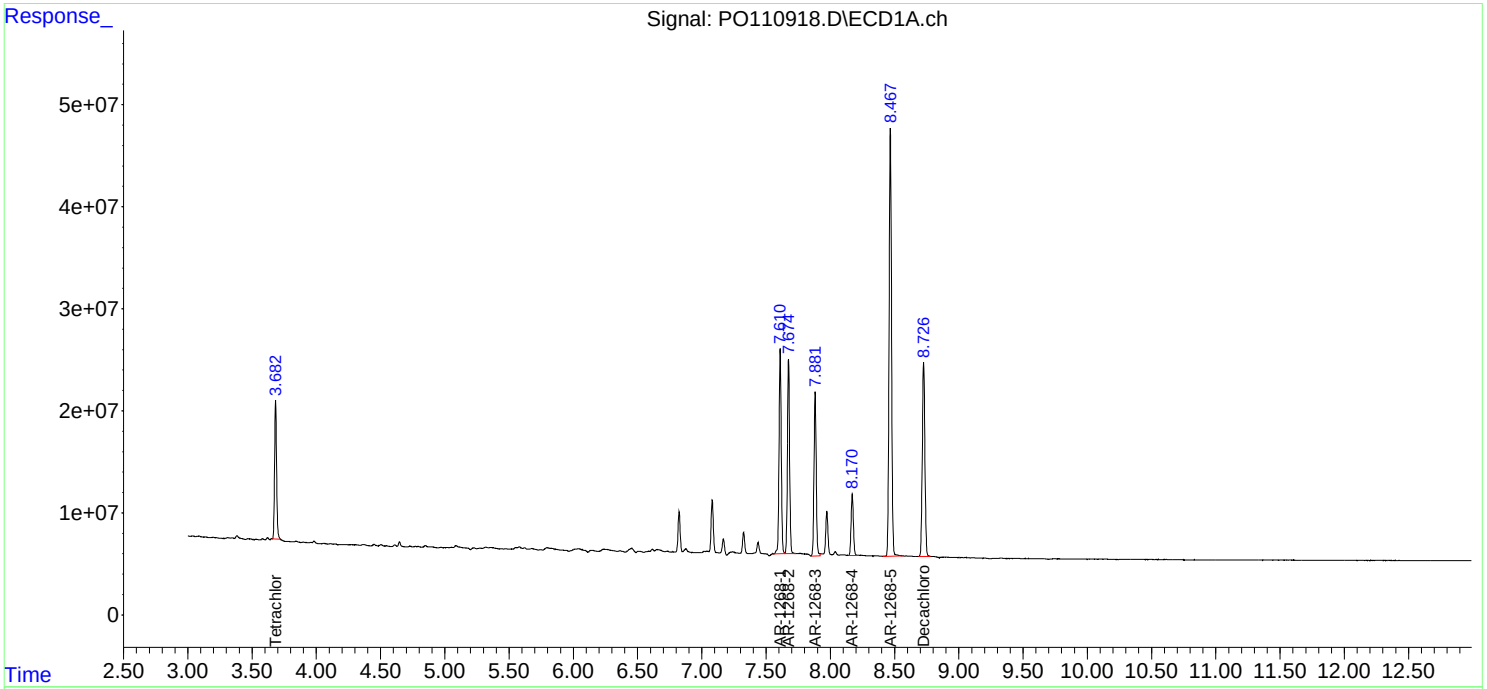
ICAL Form

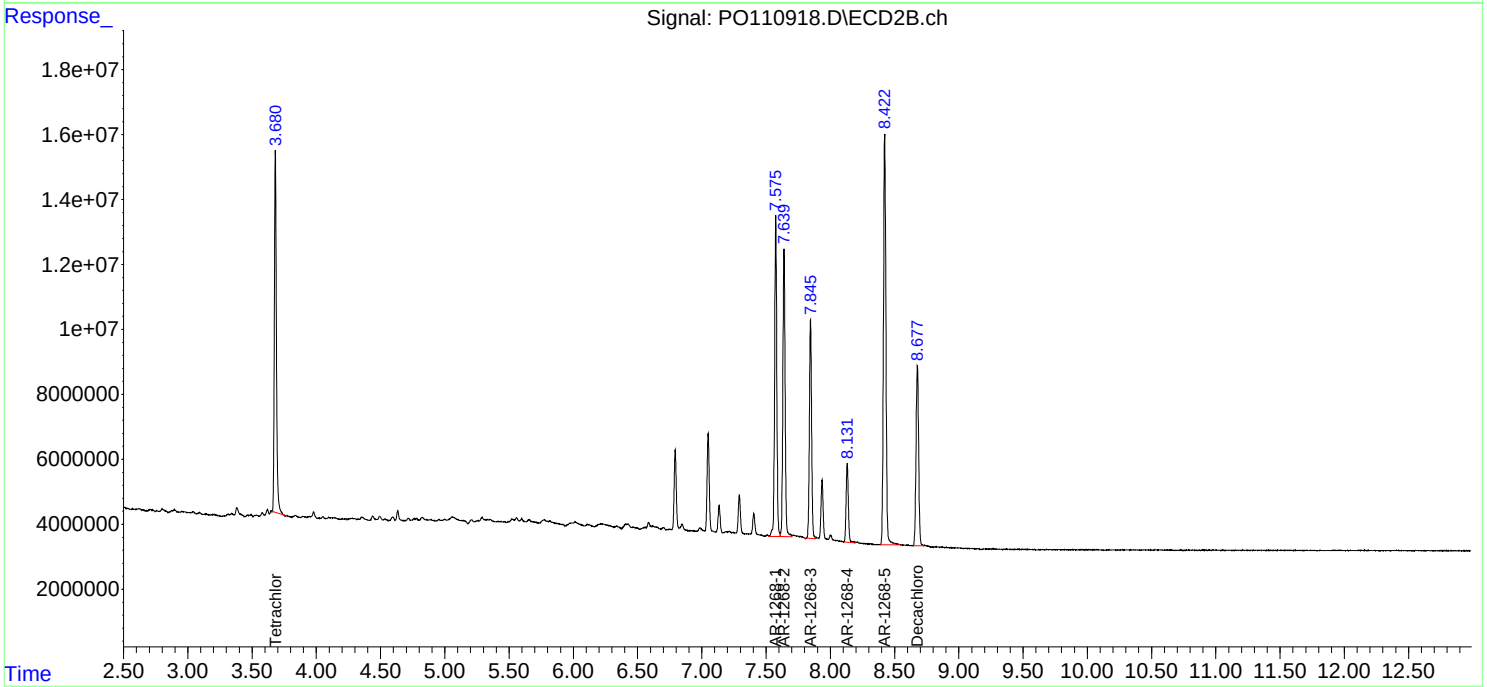
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 18:12
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

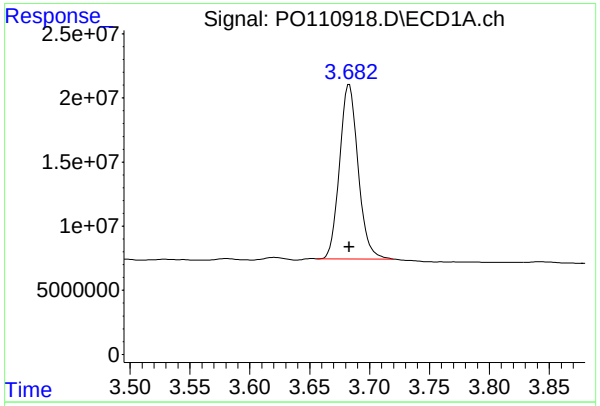
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 18:39:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



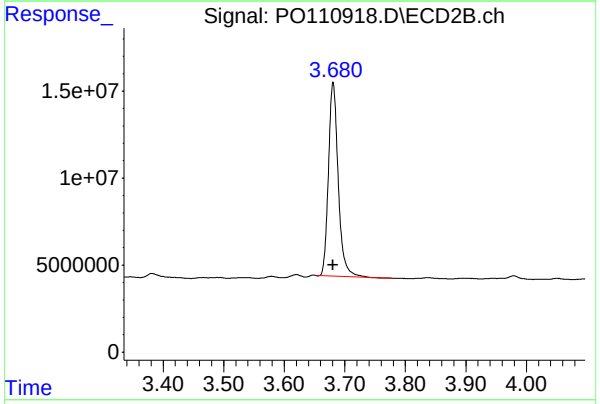




#1 Tetrachloro-m-xylene

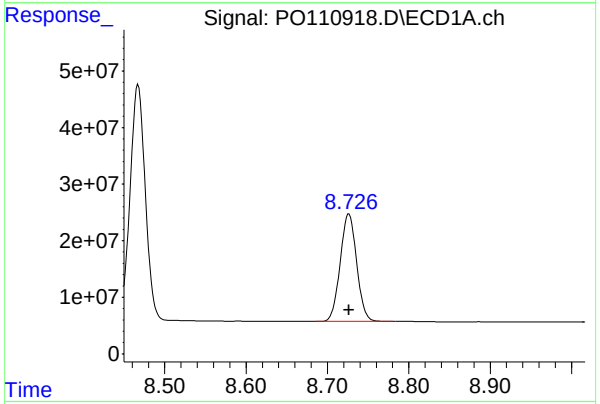
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 146427886
Conc: 24.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



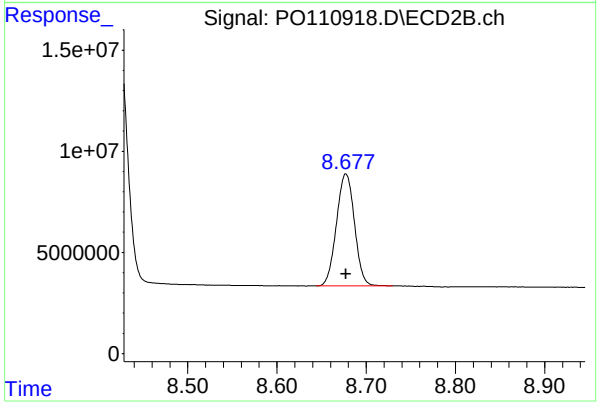
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 124497458
Conc: 24.36 ng/ml



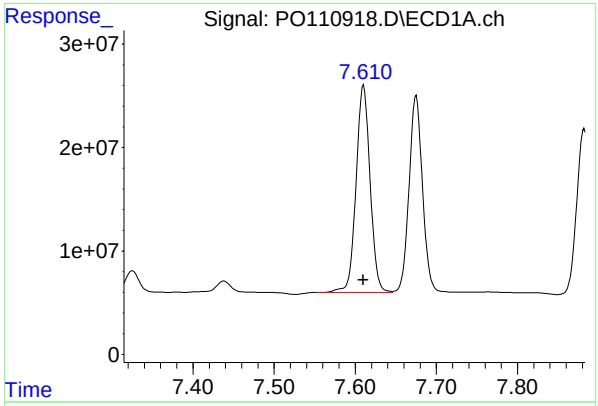
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 266844156
Conc: 26.27 ng/ml



#2 Decachlorobiphenyl

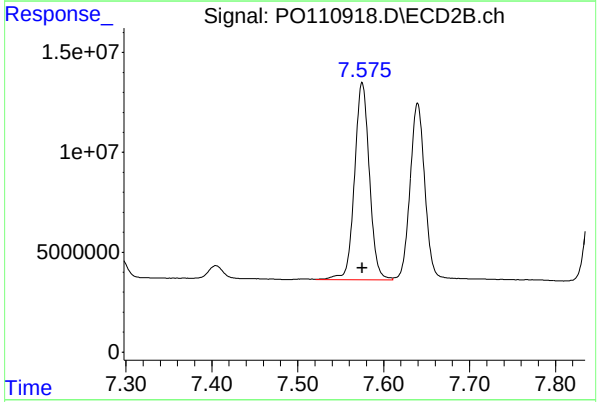
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 77807923
Conc: 26.79 ng/ml



#41 AR-1268-1

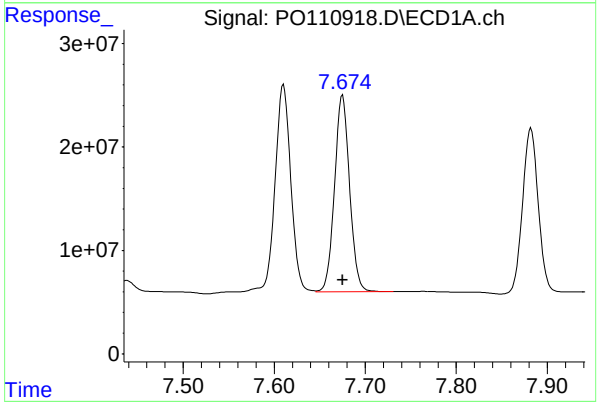
R.T.: 7.610 min
Delta R.T.: 0.000 min
Response: 240505166
Conc: 258.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



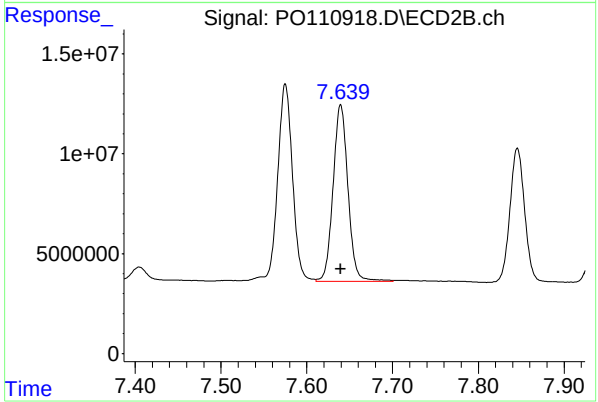
#41 AR-1268-1

R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 118773985
Conc: 262.67 ng/ml



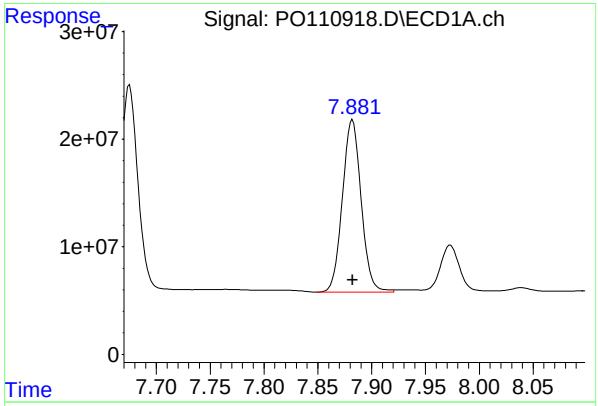
#42 AR-1268-2

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 217862209
Conc: 256.81 ng/ml



#42 AR-1268-2

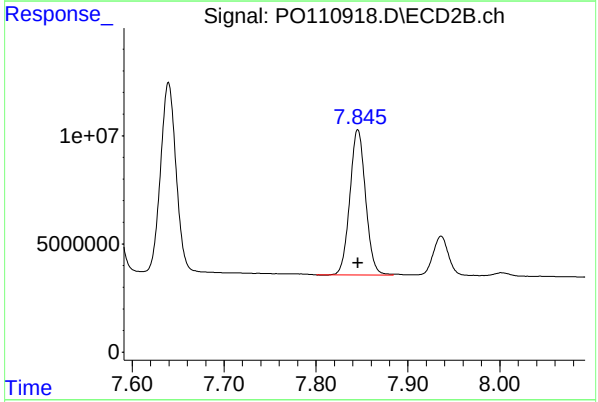
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 106362195
Conc: 259.89 ng/ml



#43 AR-1268-3

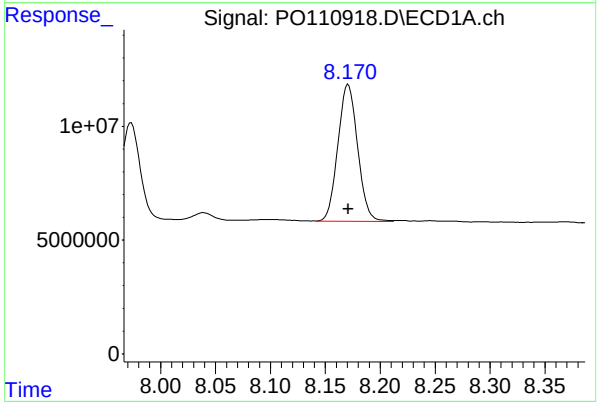
R.T.: 7.882 min
Delta R.T.: 0.000 min
Response: 194257301
Conc: 263.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



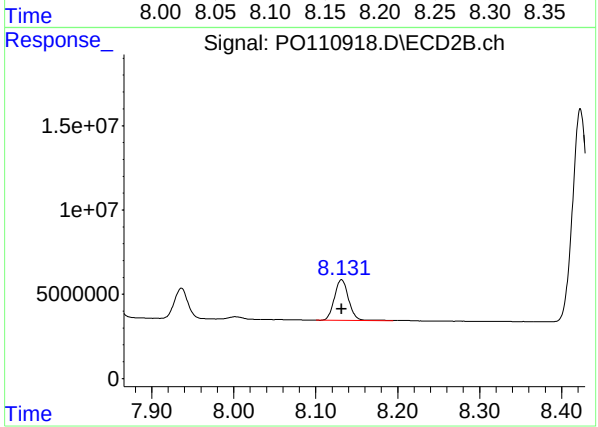
#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 79925352
Conc: 263.44 ng/ml



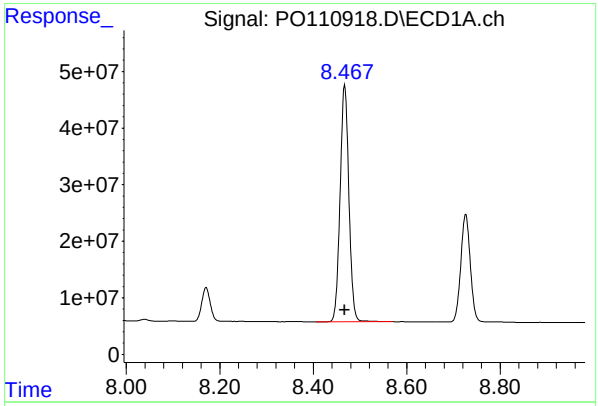
#44 AR-1268-4

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 75328902
Conc: 250.33 ng/ml



#44 AR-1268-4

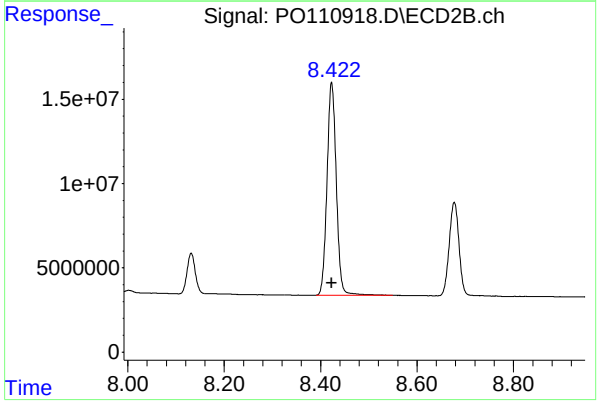
R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 29234654
Conc: 262.83 ng/ml



#45 AR-1268-5

R.T.: 8.467 min
Delta R.T.: 0.000 min
Response: 547981319
Conc: 253.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 168768327
Conc: 261.12 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 18:29
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 18:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.681	3.680	20254564	17222039	3.752m	3.681m
2)	SA Decachlor...	8.727	8.677	36184498	10512817	3.780	3.832
	Target Compounds						
41)	L9 AR-1268-1	7.610	7.574	36155855	17303504	40.632	40.225m
42)	L9 AR-1268-2	7.675	7.640	30949285	14116053	38.568	36.826m
43)	L9 AR-1268-3	7.881	7.845	24258906	10328050	35.537m	36.291m
44)	L9 AR-1268-4	8.171	8.132	9317233	3784314	34.606m	36.520m
45)	L9 AR-1268-5	8.466	8.423	77847675	22470578	38.450	37.023

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 18:29
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

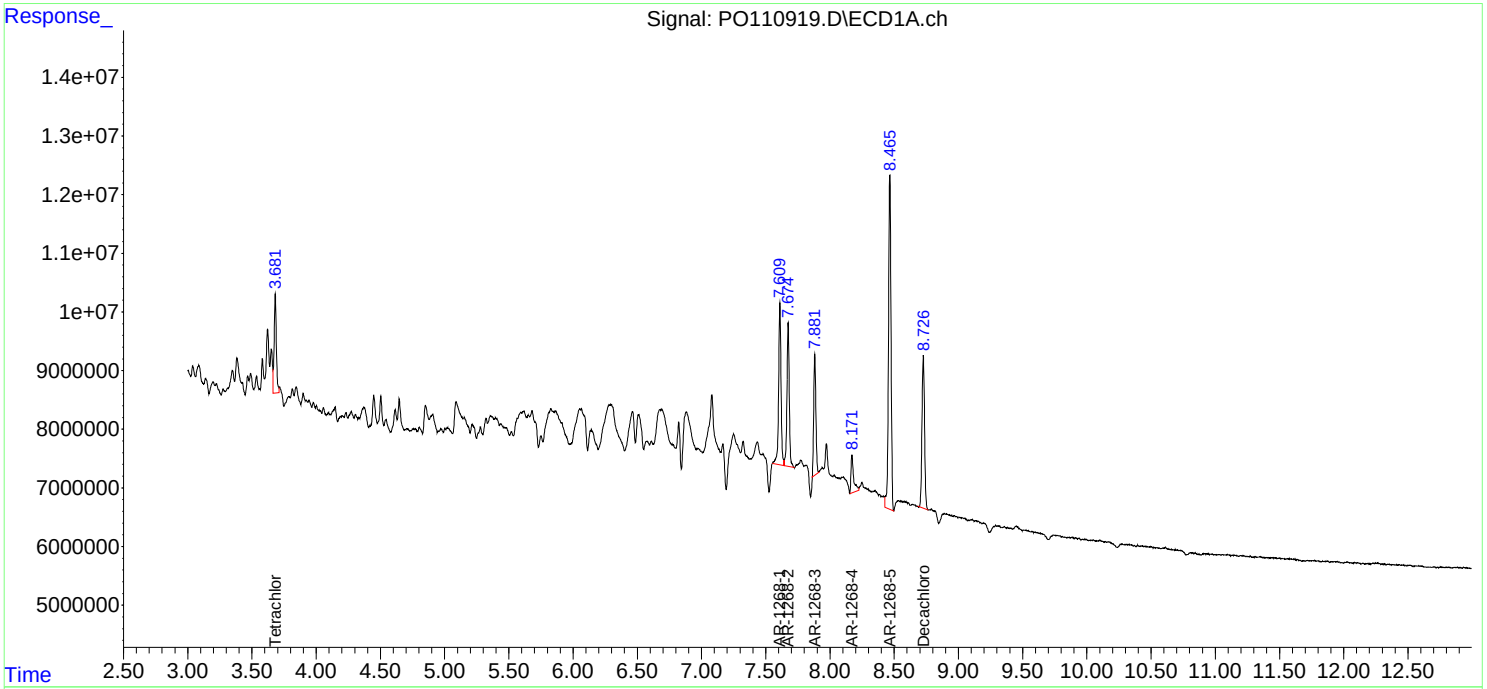
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

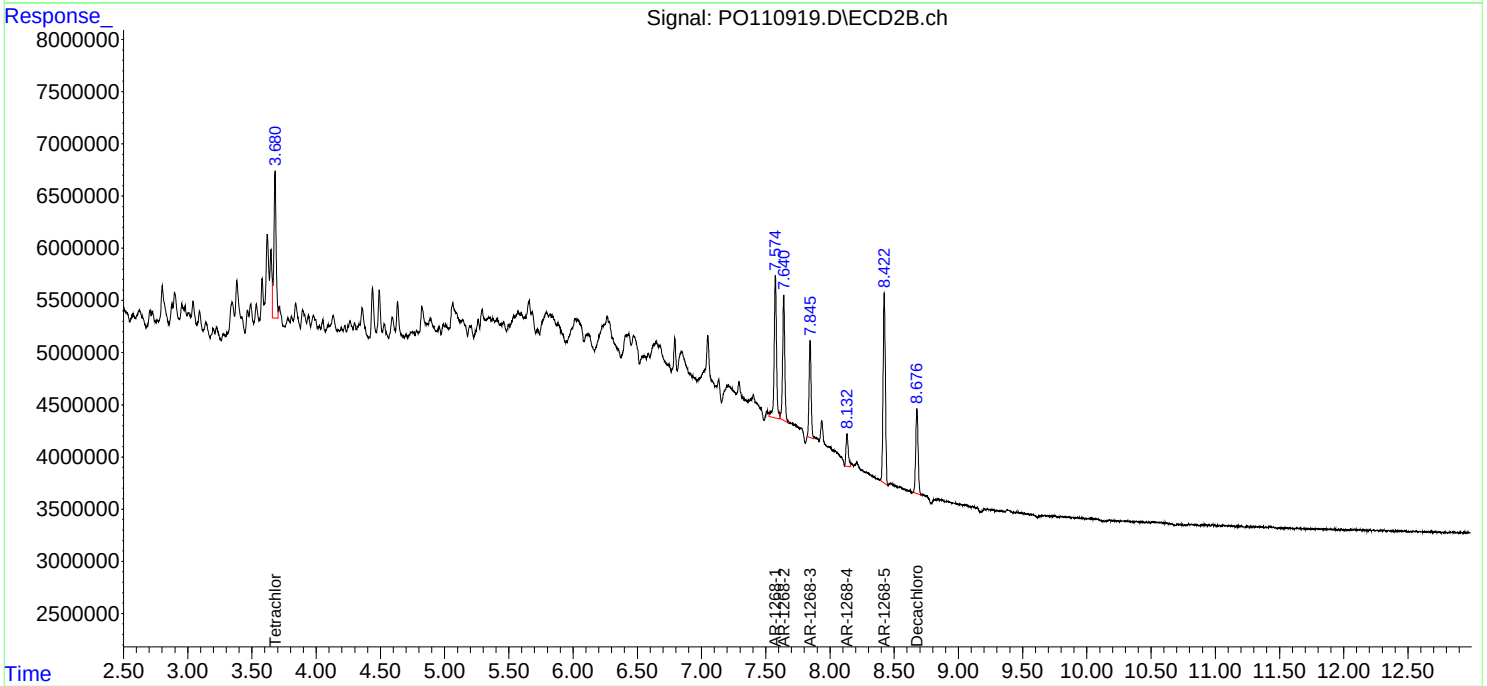
Manual Integrations APPROVED

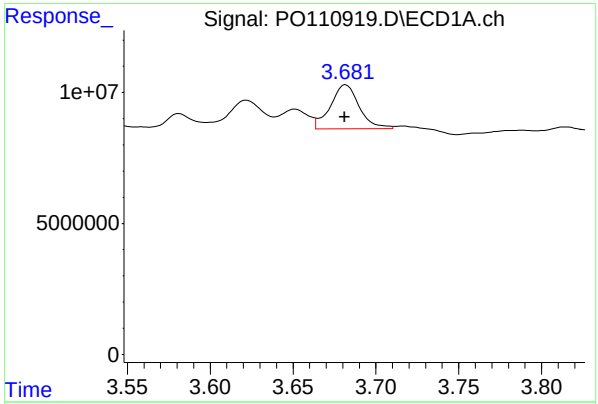
Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 18:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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







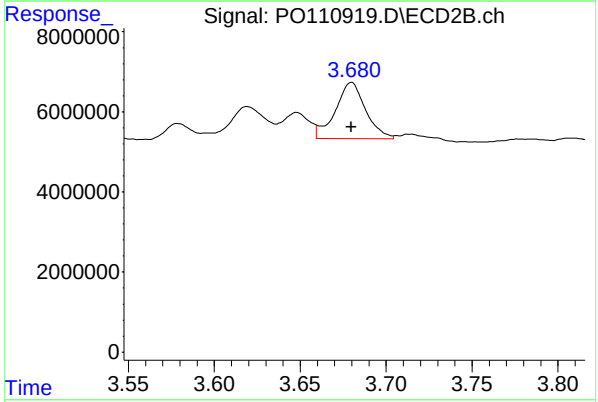
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 mi
Response: 20254564
Conc: 3.75 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

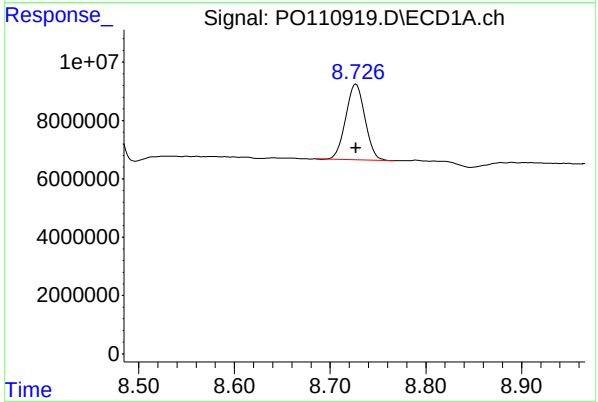
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



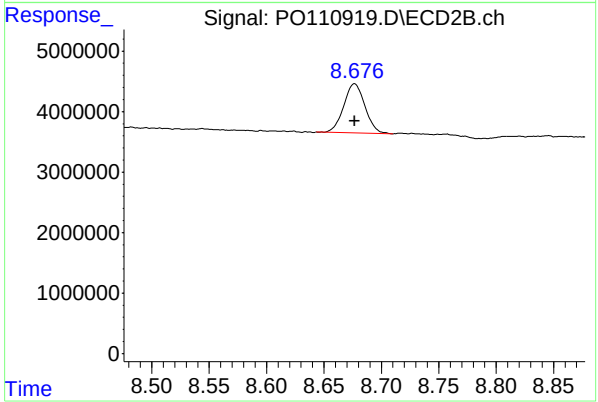
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 17222039
Conc: 3.68 ng/ml m



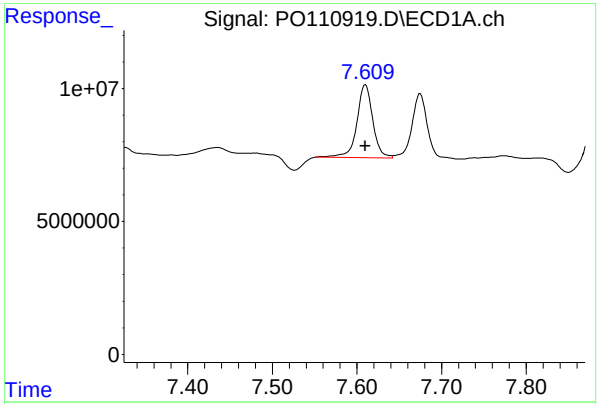
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: 0.000 min
Response: 36184498
Conc: 3.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 10512817
Conc: 3.83 ng/ml



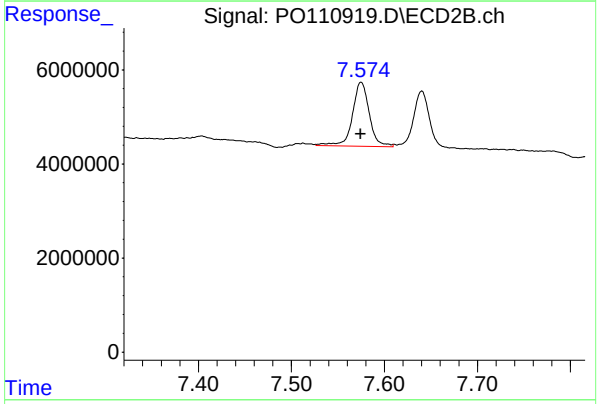
#41 AR-1268-1

R.T.: 7.610 min
Delta R.T.: 0.000 mi
Response: 36155855
Conc: 40.63 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

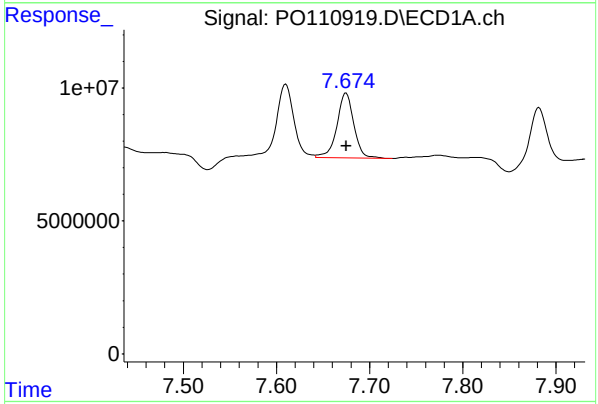
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



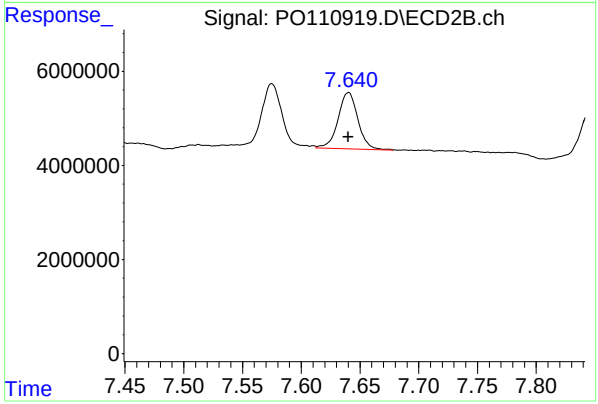
#41 AR-1268-1

R.T.: 7.574 min
Delta R.T.: 0.000 min
Response: 17303504
Conc: 40.22 ng/ml m



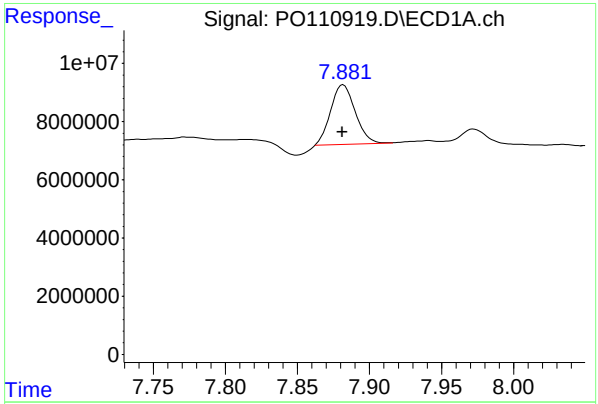
#42 AR-1268-2

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 30949285
Conc: 38.57 ng/ml



#42 AR-1268-2

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 14116053
Conc: 36.83 ng/ml m



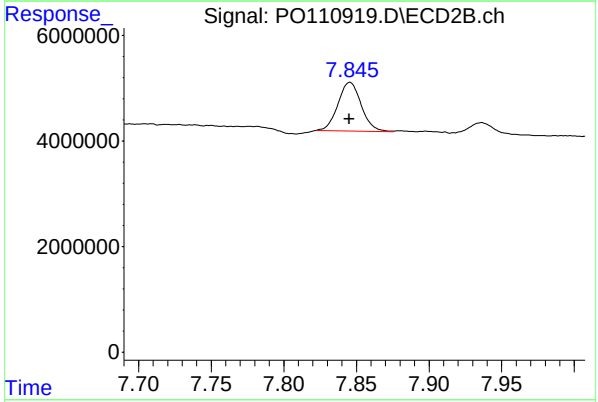
#43 AR-1268-3

R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 24258906
Conc: 35.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

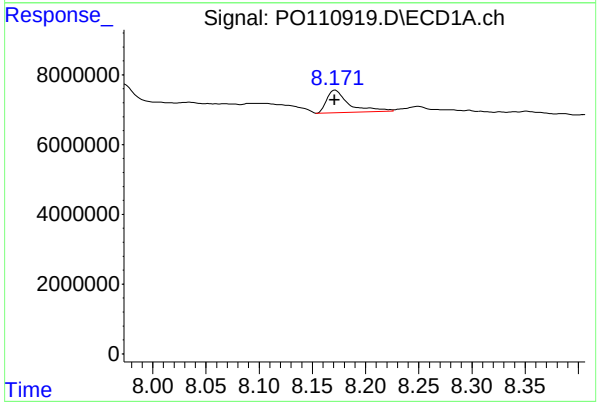
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



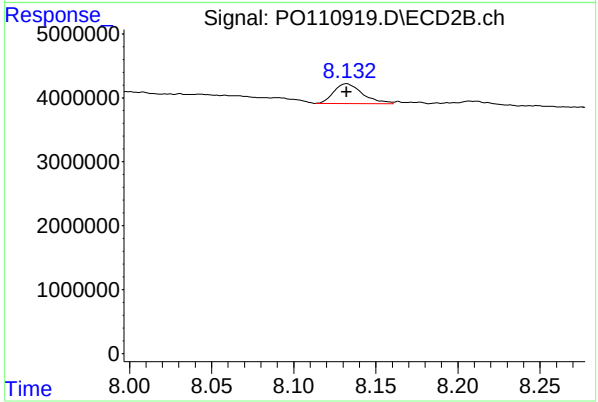
#43 AR-1268-3

R.T.: 7.845 min
Delta R.T.: 0.000 min
Response: 10328050
Conc: 36.29 ng/ml m



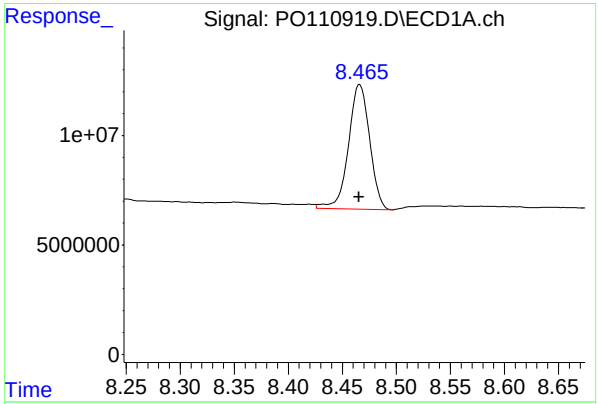
#44 AR-1268-4

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 9317233
Conc: 34.61 ng/ml m



#44 AR-1268-4

R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 3784314
Conc: 36.52 ng/ml m



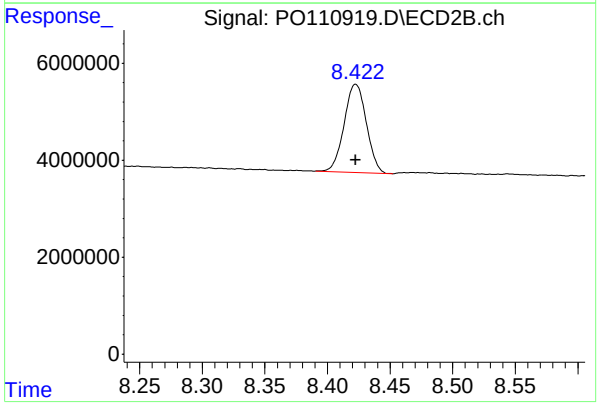
#45 AR-1268-5

R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: 77847675
Conc: 38.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 22470578
Conc: 37.02 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 19:41
Operator : YP/AJ
Sample : PO050225ICV500
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO050225

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:50:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:46:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.684	3.681	281.4E6	255.7E6	49.188	52.794
2)	SA Decachlor...	8.727	8.677	298.1E6	90047991	48.857	53.370
	Target Compounds						
3)	L1 AR-1016-1	4.775	4.760	101.1E6	78573769	457.621	494.556
4)	L1 AR-1016-2	4.794	4.779	144.3E6	115.3E6	465.207	504.591
5)	L1 AR-1016-3	4.850	4.954	99363212	61135690	434.466	501.375
6)	L1 AR-1016-4	4.971	4.996	77211458	50429013	461.811	500.481
7)	L1 AR-1016-5	5.228	5.209	81367871	64778155	456.895	492.974
31)	L7 AR-1260-1	6.268	6.241	146.2E6	107.2E6	439.521	485.529
32)	L7 AR-1260-2	6.457	6.428	182.8E6	125.5E6	440.653	488.021
33)	L7 AR-1260-3	6.825	6.581	166.1E6	115.9E6	471.443	497.089
34)	L7 AR-1260-4	7.085	7.051	140.2E6	90613038	460.727	497.612
35)	L7 AR-1260-5	7.327	7.293	343.3E6	198.4E6	467.465	504.598

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

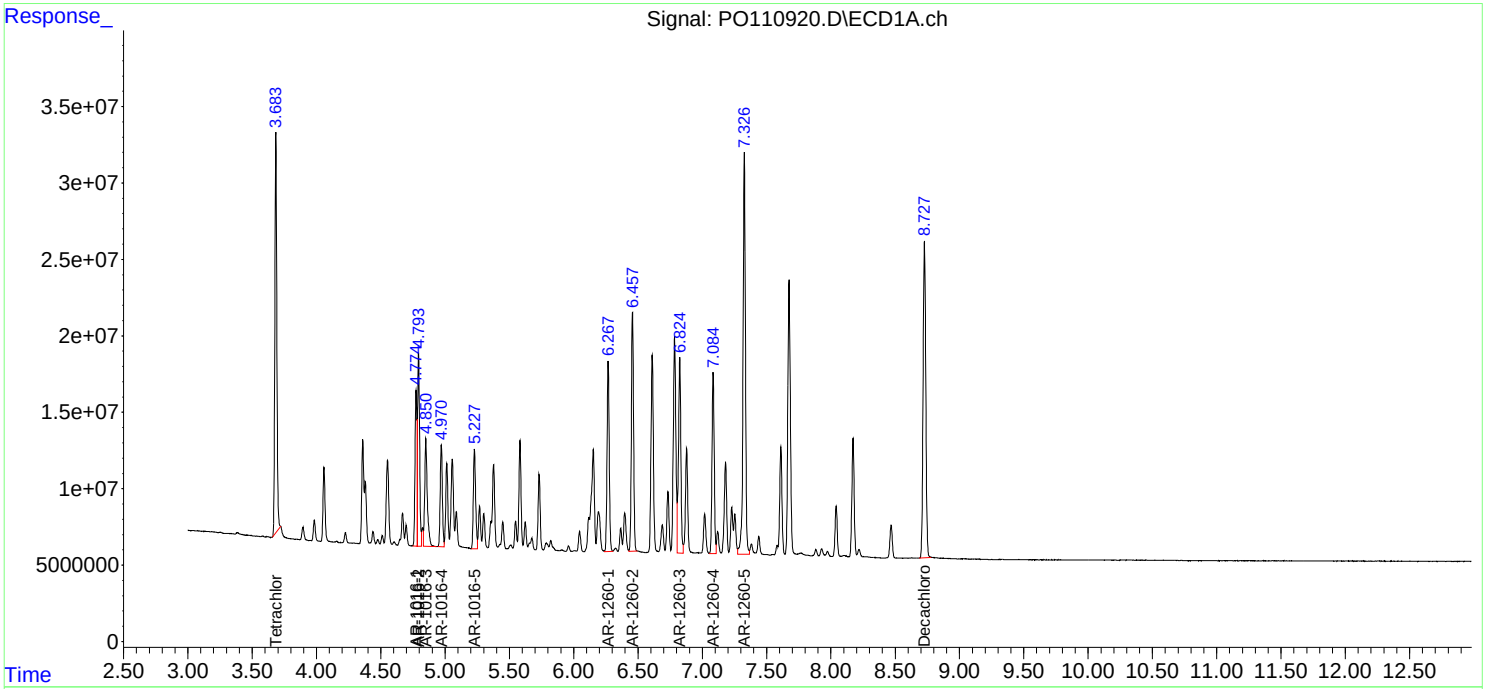
ICAL Form

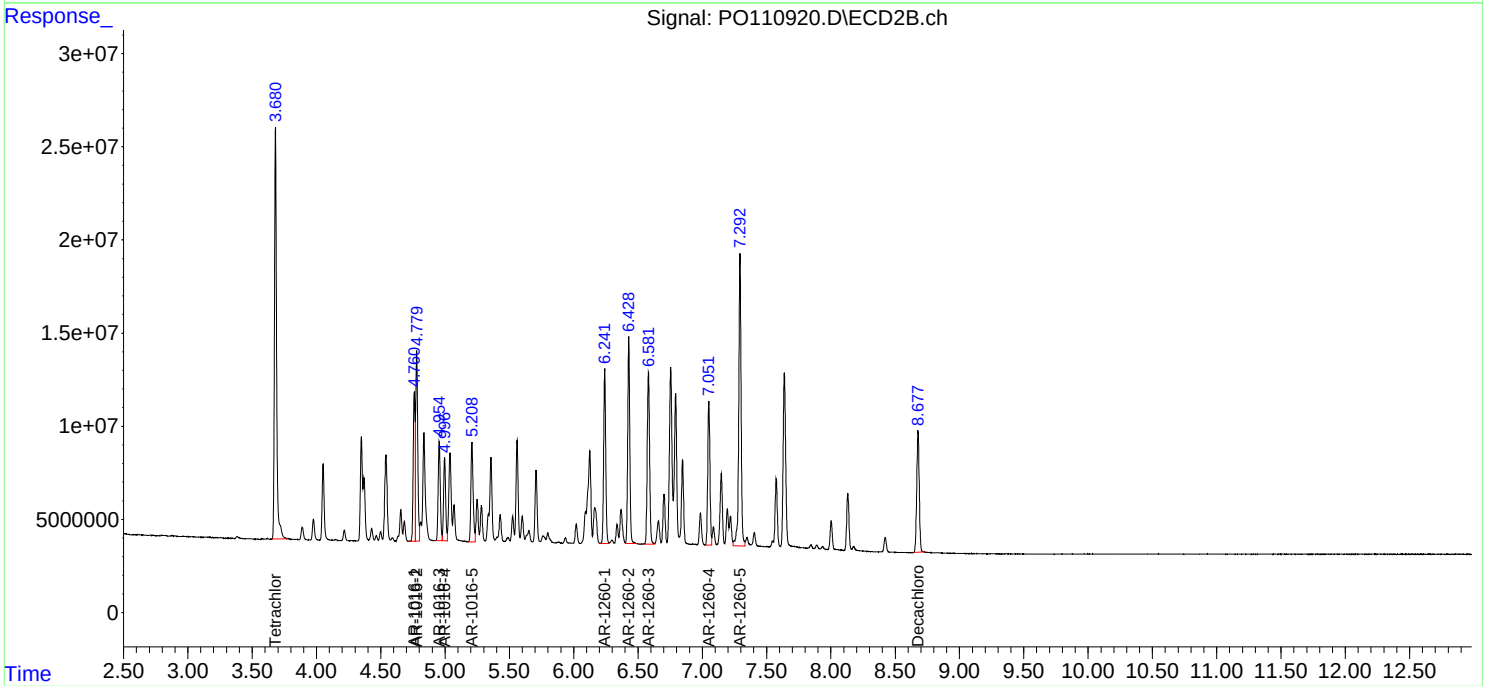
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 19:41
Operator : YP/AJ
Sample : PO050225ICV500
Misc :
ALS Vial : 100 Sample Multiplier: 1

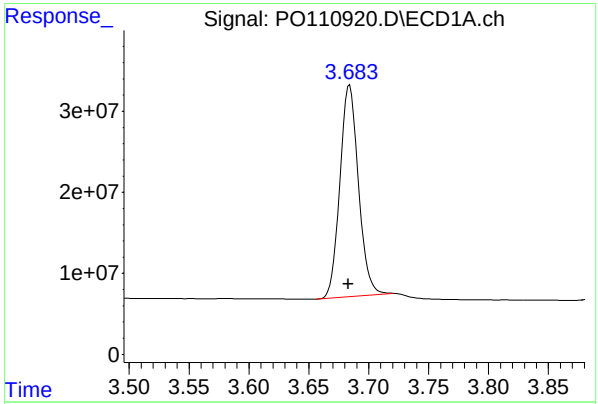
Instrument :
ECD_O
ClientSampleId :
ICVPO050225

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:50:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:46:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



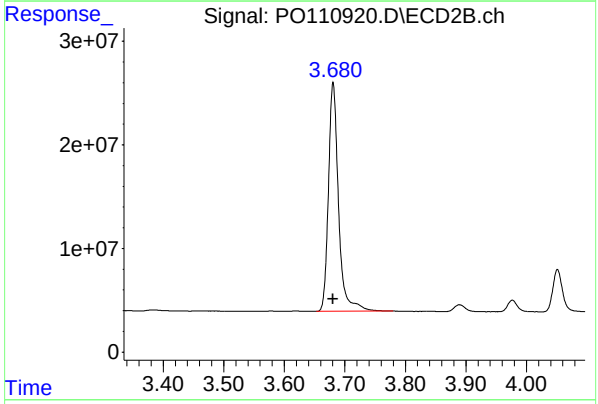




#1 Tetrachloro-m-xylene

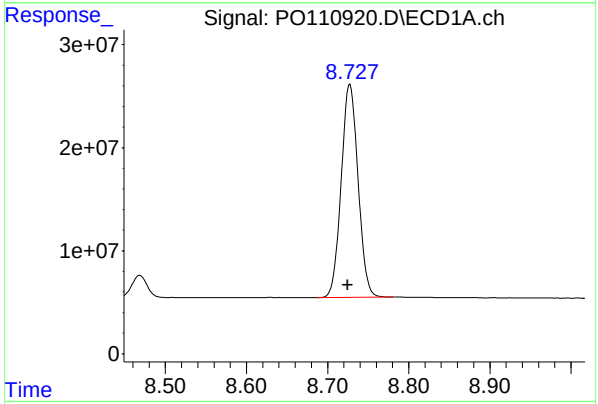
R.T.: 3.684 min
Delta R.T.: 0.001 min
Response: 281393222
Conc: 49.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225



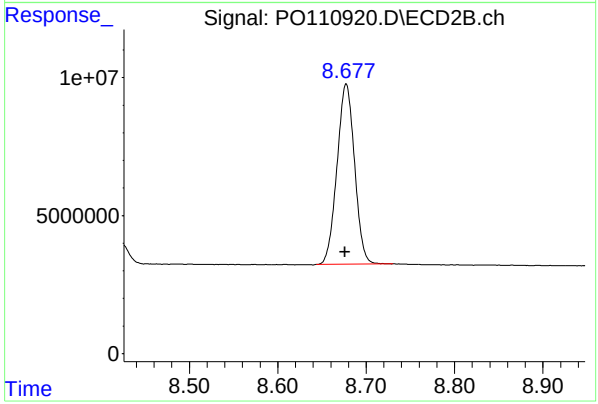
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 255688745
Conc: 52.79 ng/ml



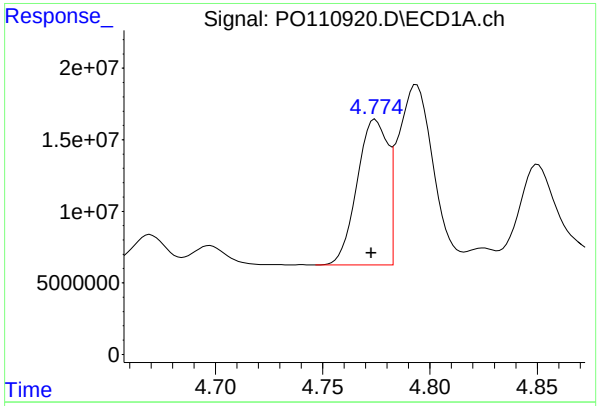
#2 Decachlorobiphenyl

R.T.: 8.727 min
Delta R.T.: 0.003 min
Response: 298148238
Conc: 48.86 ng/ml



#2 Decachlorobiphenyl

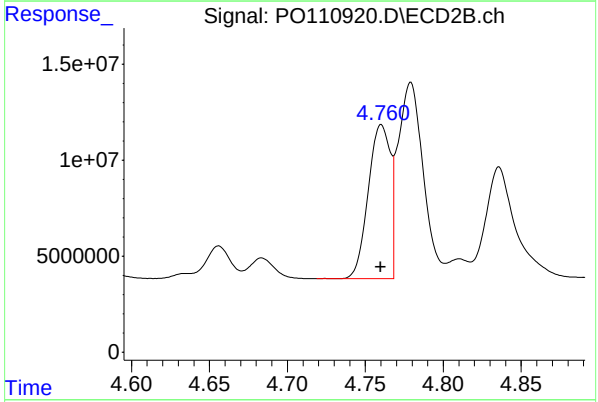
R.T.: 8.677 min
Delta R.T.: 0.002 min
Response: 90047991
Conc: 53.37 ng/ml



#3 AR-1016-1

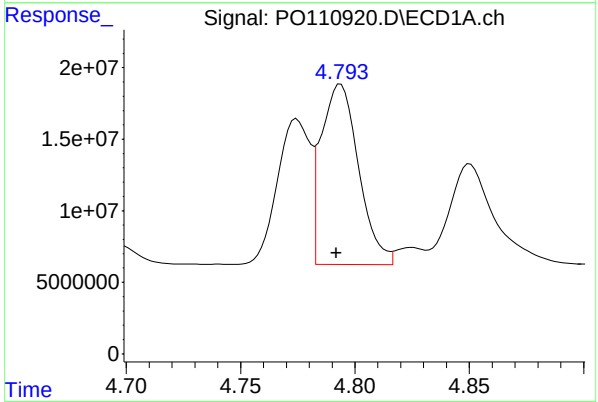
R.T.: 4.775 min
Delta R.T.: 0.002 min
Response: 101140755
Conc: 457.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225



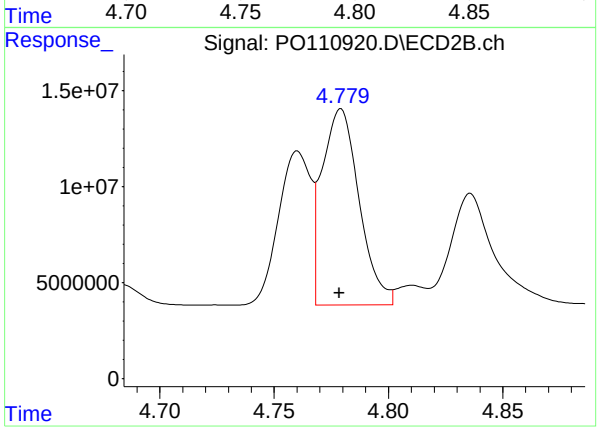
#3 AR-1016-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 78573769
Conc: 494.56 ng/ml



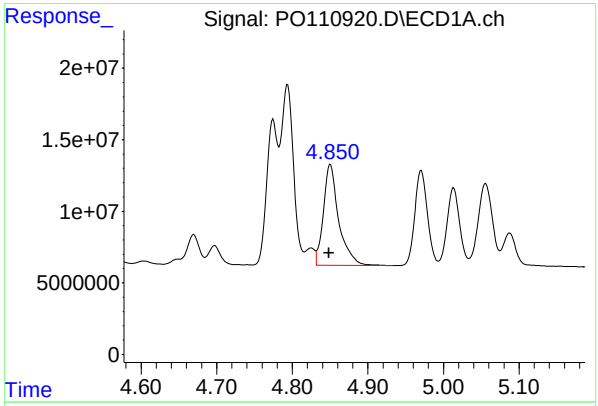
#4 AR-1016-2

R.T.: 4.794 min
Delta R.T.: 0.002 min
Response: 144294236
Conc: 465.21 ng/ml



#4 AR-1016-2

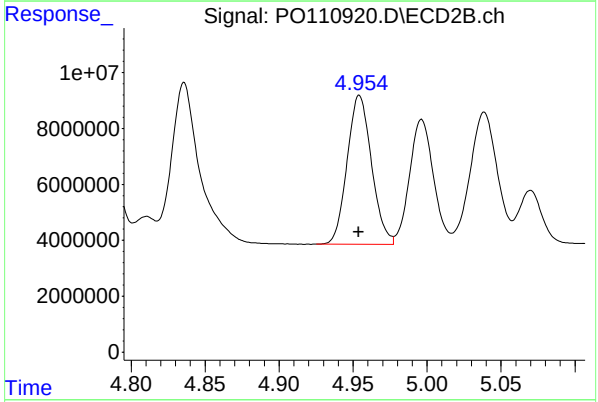
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 115333022
Conc: 504.59 ng/ml



#5 AR-1016-3

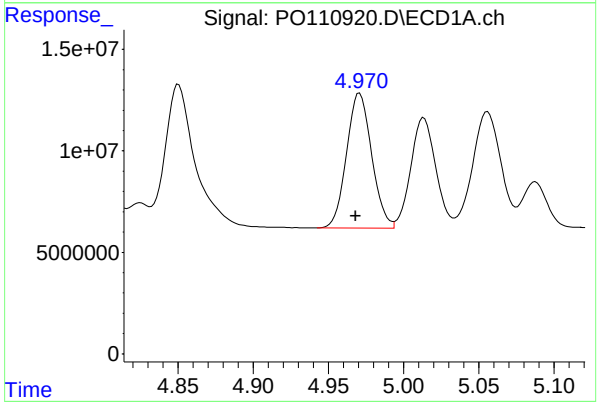
R.T.: 4.850 min
Delta R.T.: 0.002 min
Response: 99363212
Conc: 434.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225



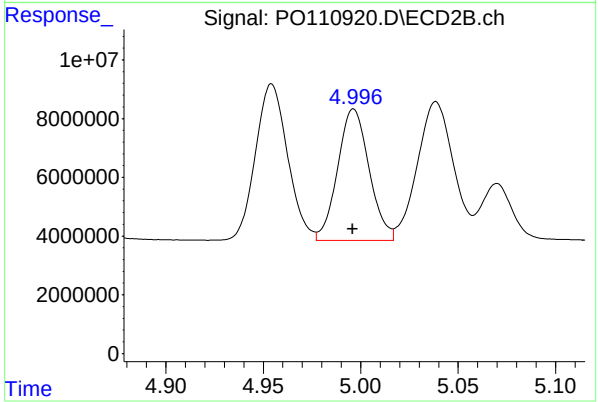
#5 AR-1016-3

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 61135690
Conc: 501.37 ng/ml



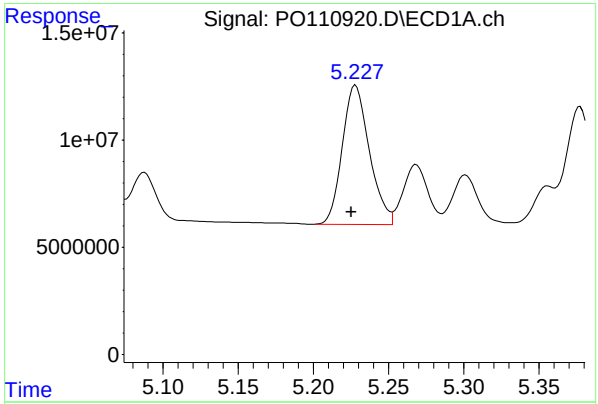
#6 AR-1016-4

R.T.: 4.971 min
Delta R.T.: 0.003 min
Response: 77211458
Conc: 461.81 ng/ml



#6 AR-1016-4

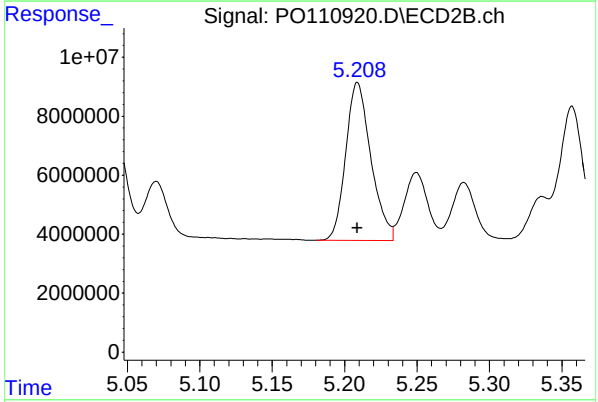
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 50429013
Conc: 500.48 ng/ml



#7 AR-1016-5

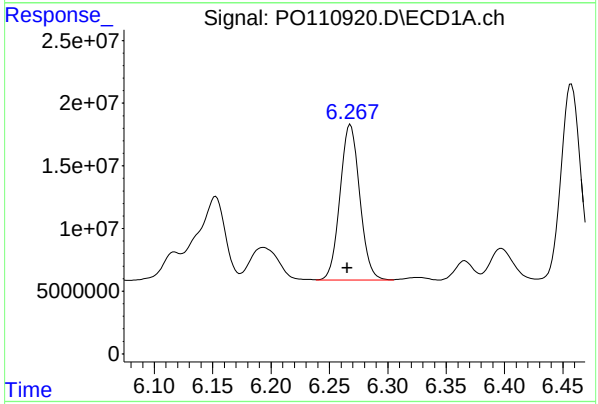
R.T.: 5.228 min
Delta R.T.: 0.003 min
Response: 81367871
Conc: 456.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225



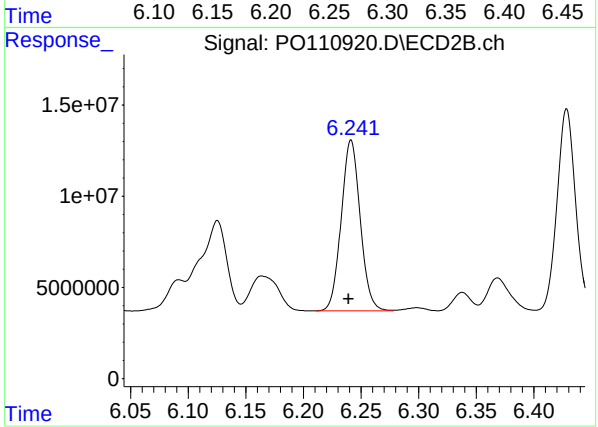
#7 AR-1016-5

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 64778155
Conc: 492.97 ng/ml



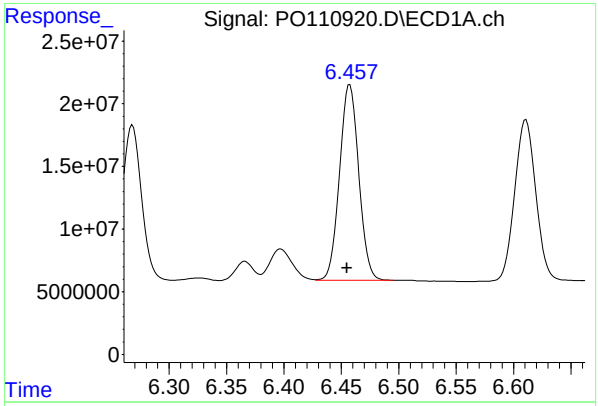
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: 0.003 min
Response: 146194764
Conc: 439.52 ng/ml



#31 AR-1260-1

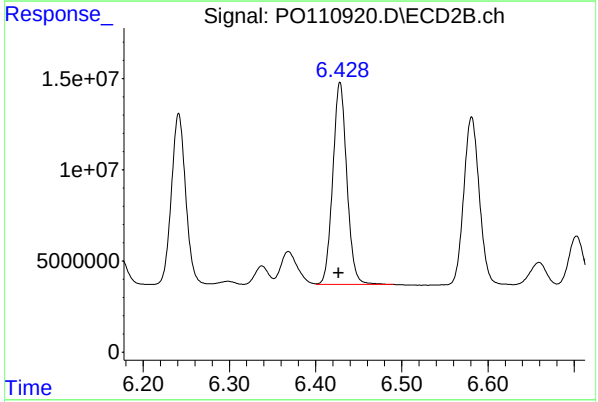
R.T.: 6.241 min
Delta R.T.: 0.002 min
Response: 107189842
Conc: 485.53 ng/ml



#32 AR-1260-2

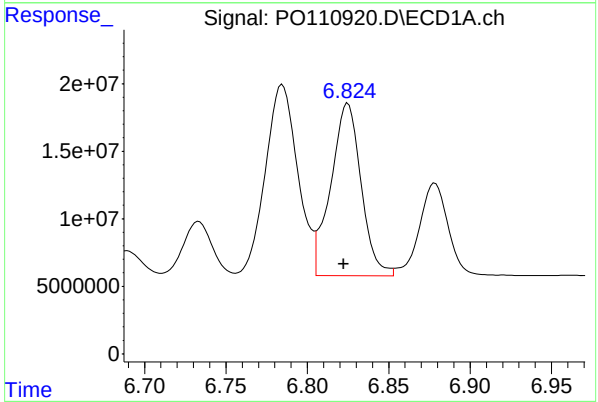
R.T.: 6.457 min
Delta R.T.: 0.002 min
Response: 182788663
Conc: 440.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225



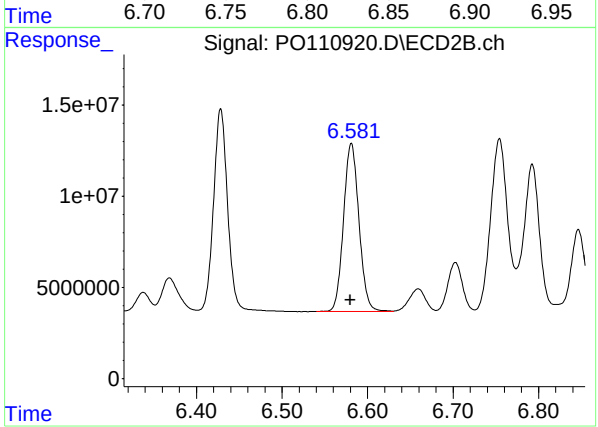
#32 AR-1260-2

R.T.: 6.428 min
Delta R.T.: 0.001 min
Response: 125532831
Conc: 488.02 ng/ml



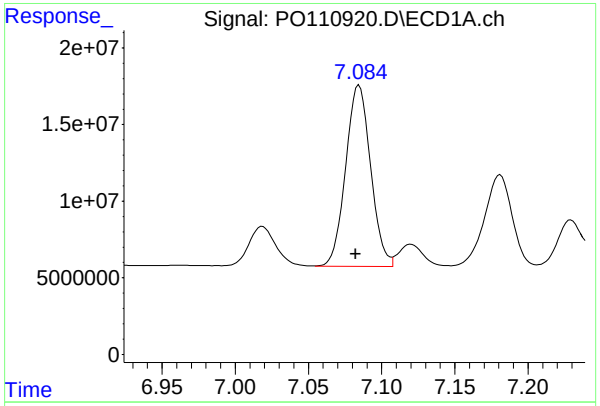
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: 0.003 min
Response: 166073495
Conc: 471.44 ng/ml



#33 AR-1260-3

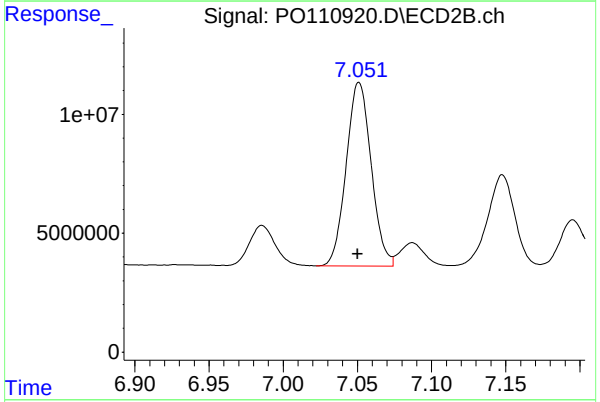
R.T.: 6.581 min
Delta R.T.: 0.001 min
Response: 115893085
Conc: 497.09 ng/ml



#34 AR-1260-4

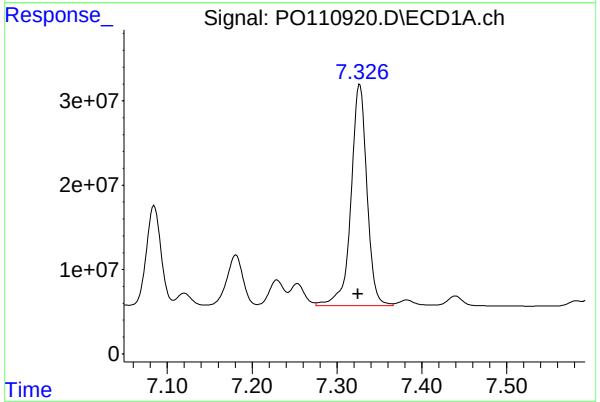
R.T.: 7.085 min
Delta R.T.: 0.002 min
Response: 140169875
Conc: 460.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225



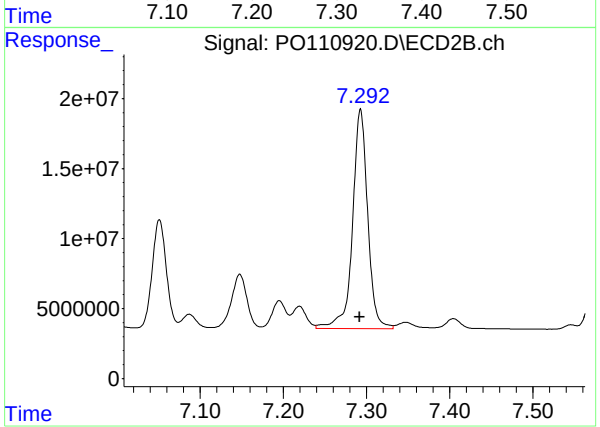
#34 AR-1260-4

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 90613038
Conc: 497.61 ng/ml



#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: 0.002 min
Response: 343299993
Conc: 467.47 ng/ml



#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: 0.001 min
Response: 198404861
Conc: 504.60 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 20:18
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:32:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:29:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.680	277.2E6	252.5E6	48.147	52.207
2)	SA Decachlor...	8.729	8.678	292.7E6	87913293	46.145	50.806
	Target Compounds						
16)	L4 AR-1242-1	4.775	4.760	84944465	66488459	461.836	502.457
17)	L4 AR-1242-2	4.794	4.779	121.7E6	96449898	472.371	507.433
18)	L4 AR-1242-3	4.851	4.955	82866111	51165326	455.034	504.983
19)	L4 AR-1242-4	4.971	5.039	64545755	51485584	462.186	496.436
20)	L4 AR-1242-5	5.624	5.560	72069745	63448667	462.298	501.310

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

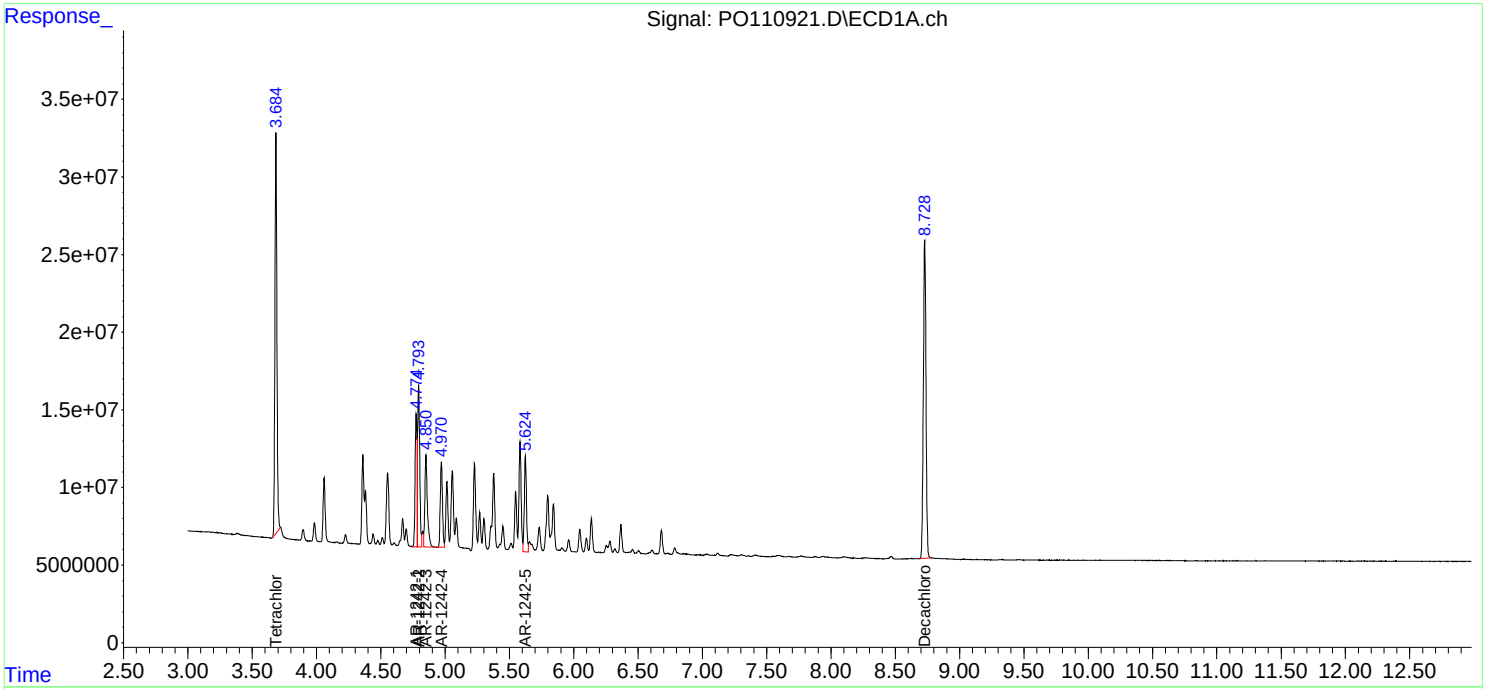
ICAL Form

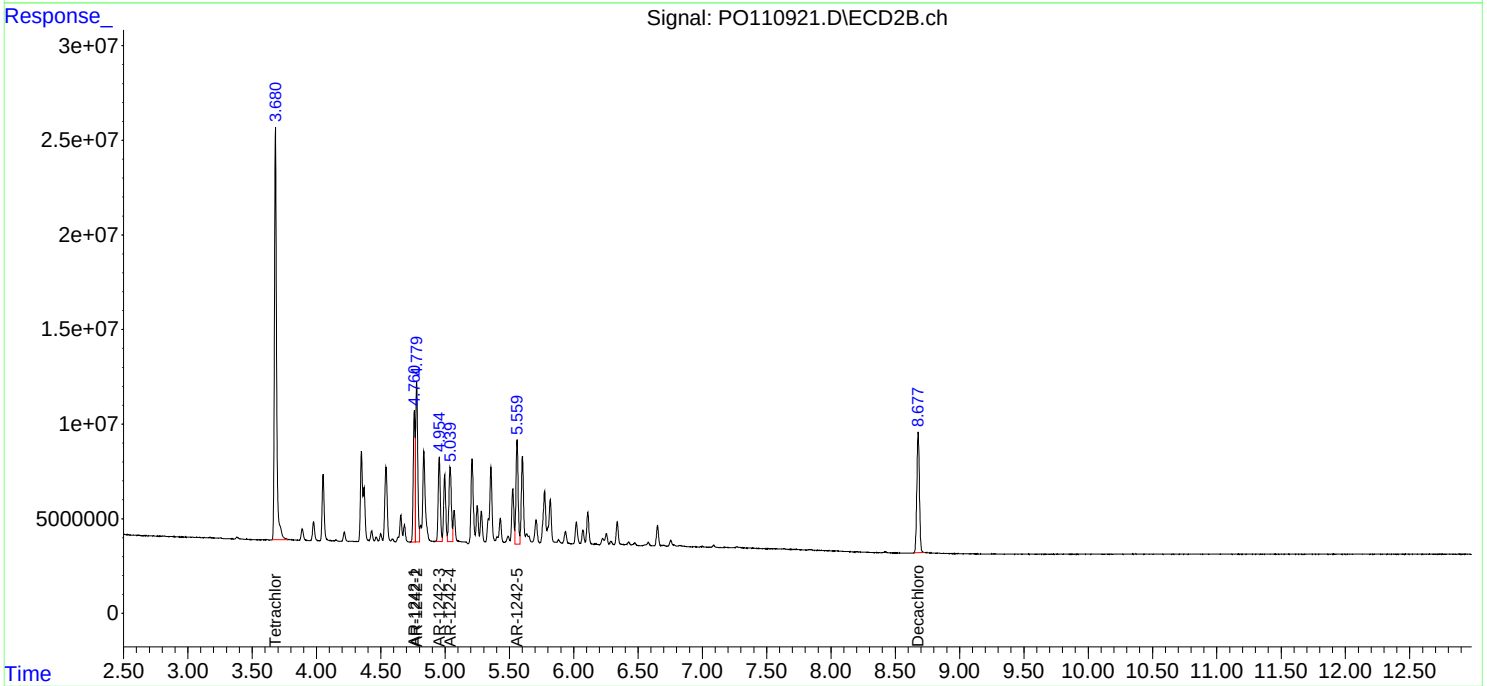
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 20:18
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

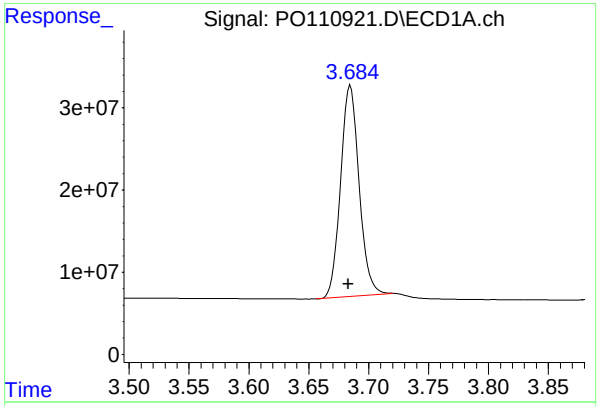
Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:32:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:29:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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



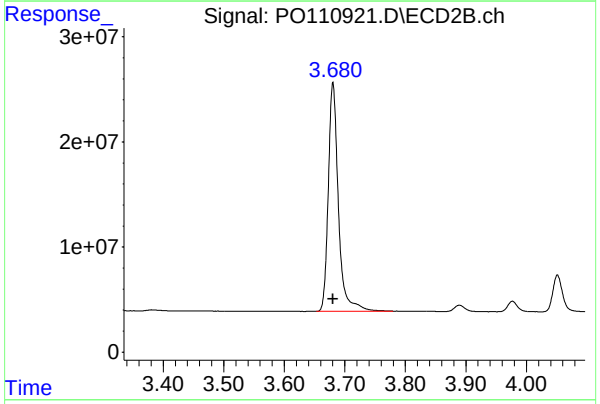




#1 Tetrachloro-m-xylene

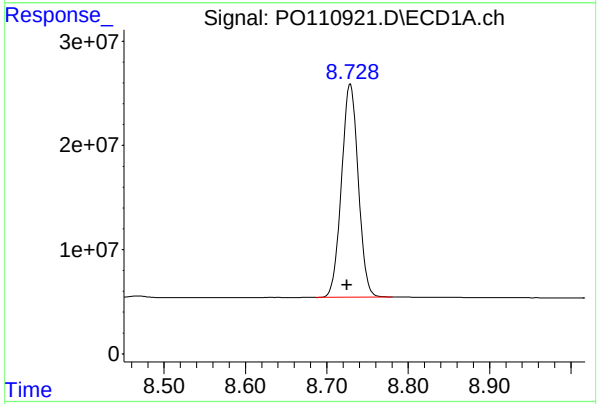
R.T.: 3.685 min
Delta R.T.: 0.002 min
Response: 277152291
Conc: 48.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1242



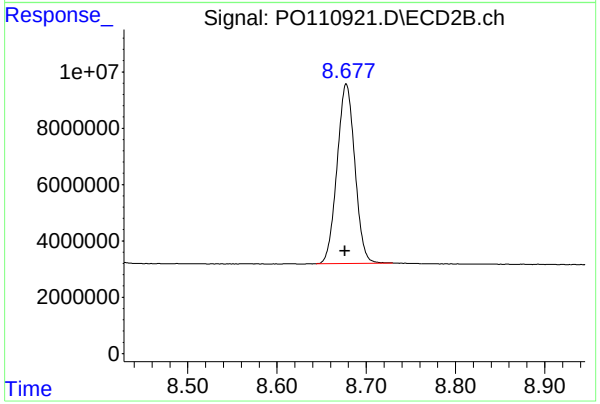
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 252488322
Conc: 52.21 ng/ml



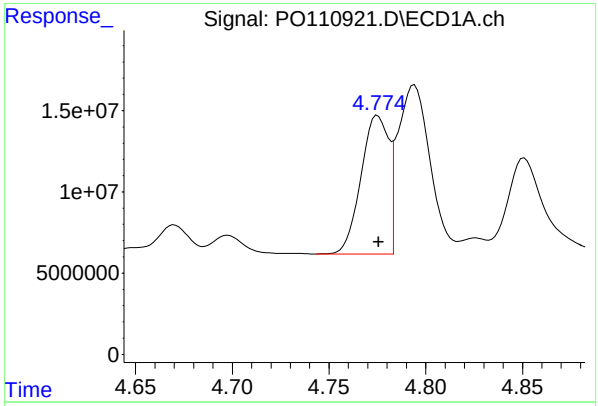
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: 0.004 min
Response: 292650726
Conc: 46.15 ng/ml



#2 Decachlorobiphenyl

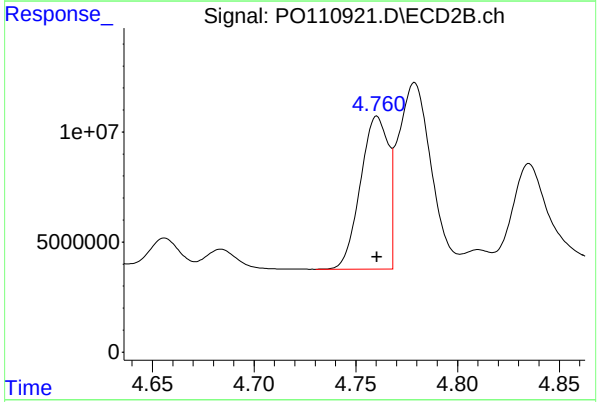
R.T.: 8.678 min
Delta R.T.: 0.002 min
Response: 87913293
Conc: 50.81 ng/ml



#16 AR-1242-1

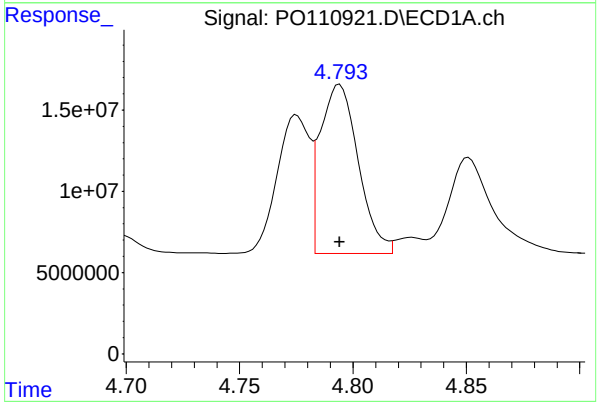
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 84944465
Conc: 461.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1242



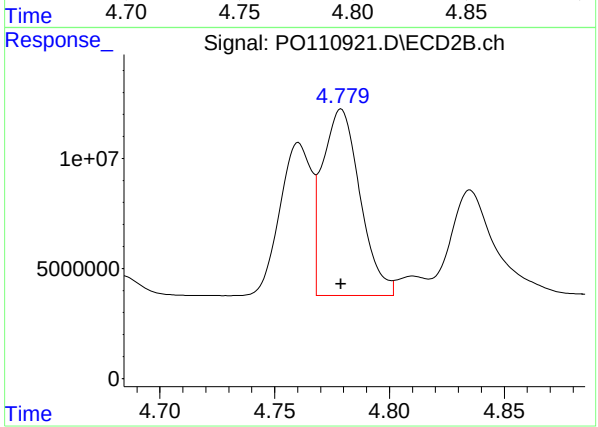
#16 AR-1242-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 66488459
Conc: 502.46 ng/ml



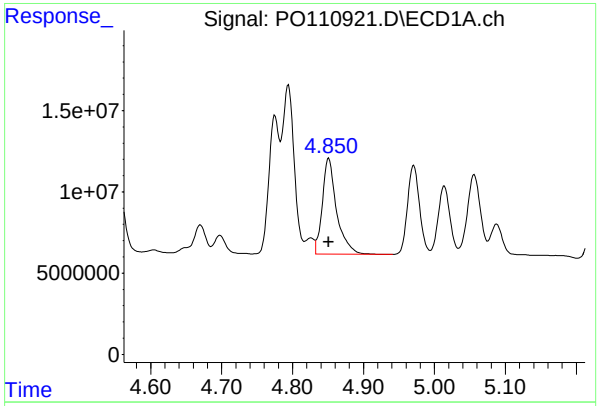
#17 AR-1242-2

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 121684817
Conc: 472.37 ng/ml



#17 AR-1242-2

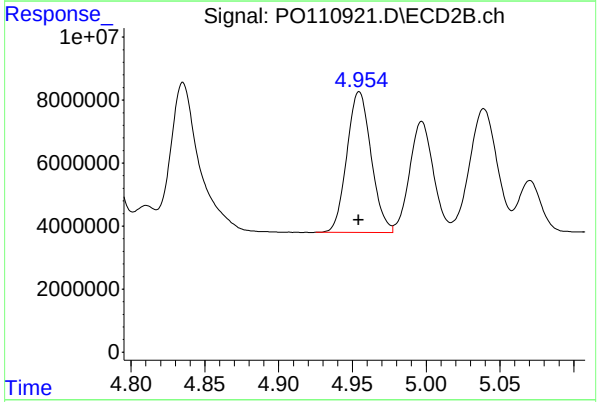
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 96449898
Conc: 507.43 ng/ml



#18 AR-1242-3

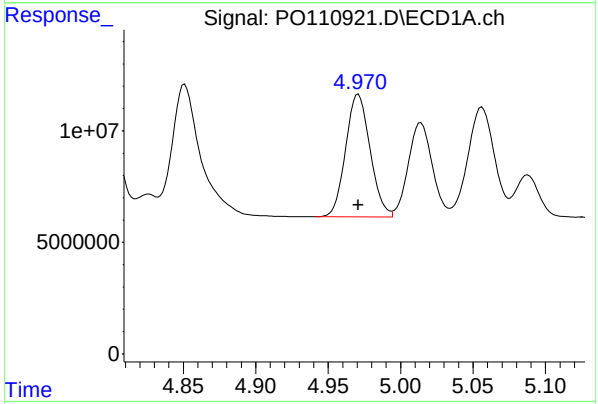
R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 82866111
Conc: 455.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1242



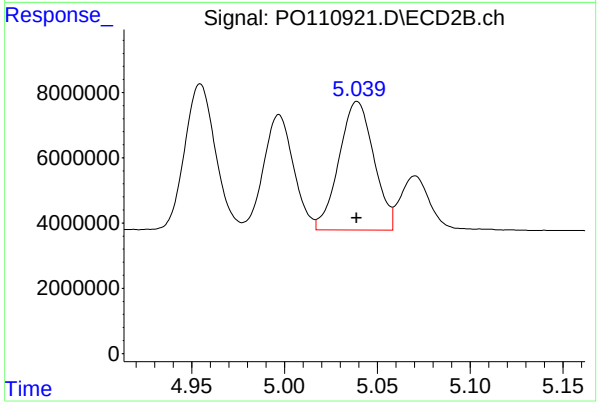
#18 AR-1242-3

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 51165326
Conc: 504.98 ng/ml



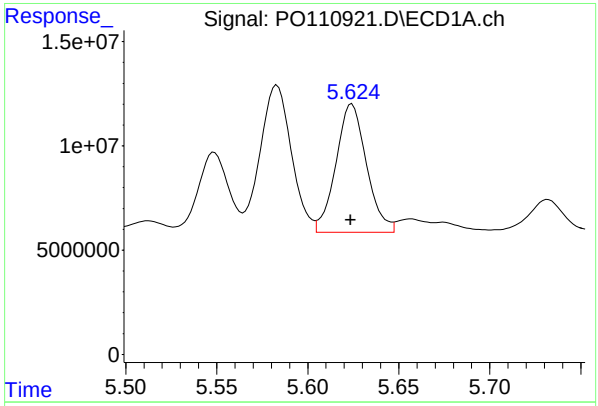
#19 AR-1242-4

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 64545755
Conc: 462.19 ng/ml



#19 AR-1242-4

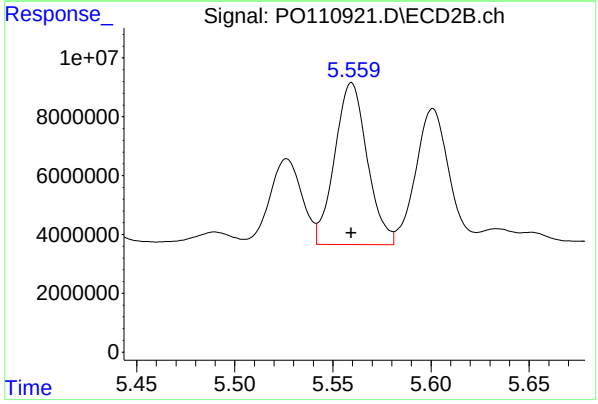
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 51485584
Conc: 496.44 ng/ml



#20 AR-1242-5

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 72069745
Conc: 462.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1242



#20 AR-1242-5

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 63448667
Conc: 501.31 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 20:54
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:35:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:33:51 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...	3.684	3.680	281.7E6	249.0E6	50.508	53.918
2)	SA Decachlor...	8.728	8.676	291.0E6	86640442	47.301	50.921
	Target Compounds						
21)	L5 AR-1248-1	4.775	4.759	65440838	50906724	498.171	528.215
22)	L5 AR-1248-2	5.013	4.996	87125763	69718152	497.201	515.965
23)	L5 AR-1248-3	5.228	5.038	109.3E6	74471131	495.964	513.088
24)	L5 AR-1248-4	5.582	5.208	157.6E6	87700628	480.768	523.535
25)	L5 AR-1248-5	5.623	5.600	113.6E6	86365939	486.636	514.455

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

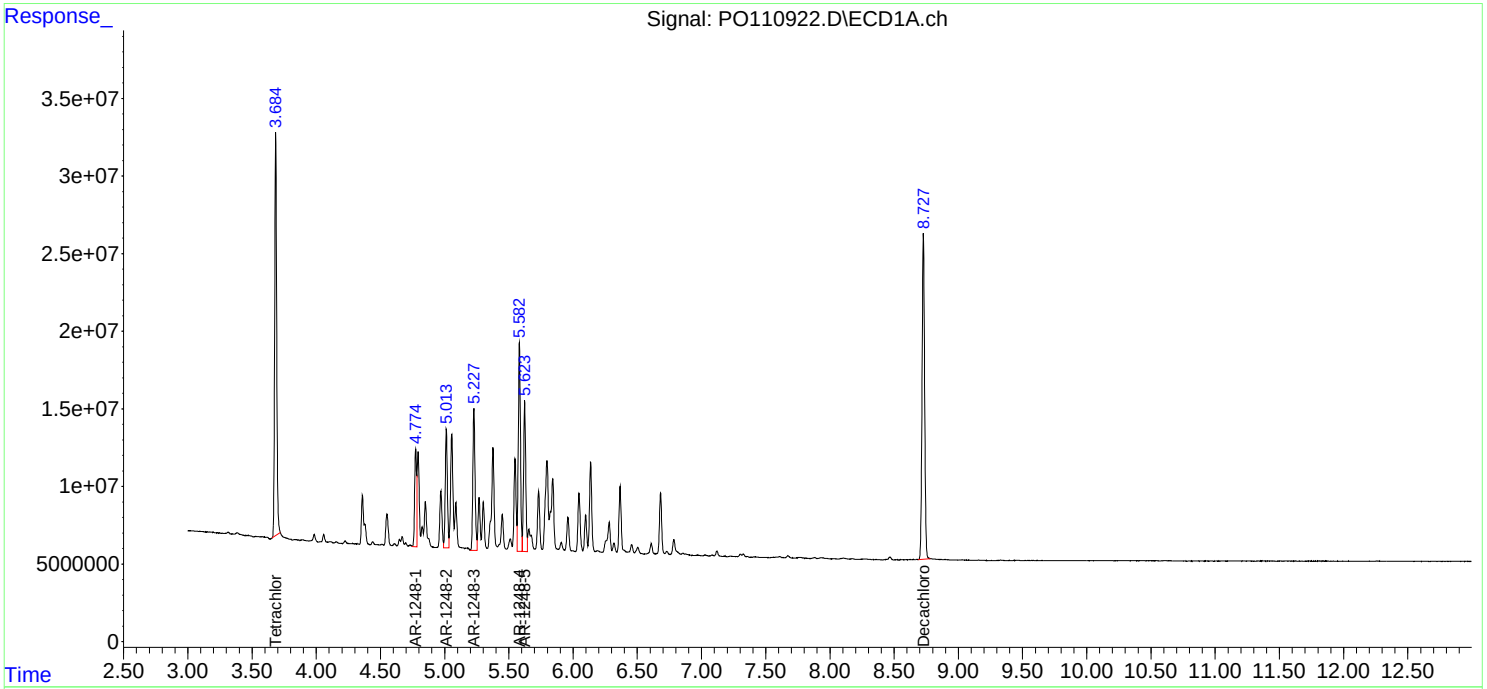
ICAL Form

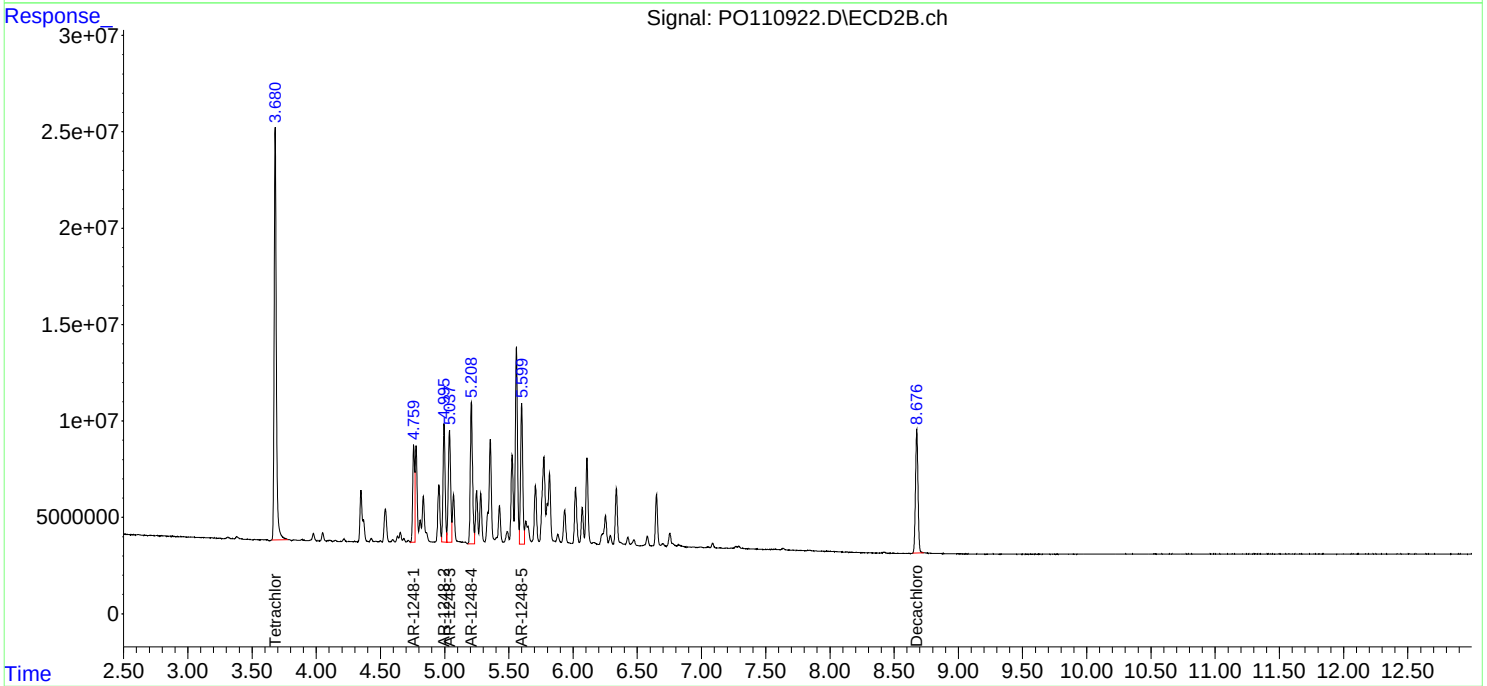
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 20:54
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 17 Sample Multiplier: 1

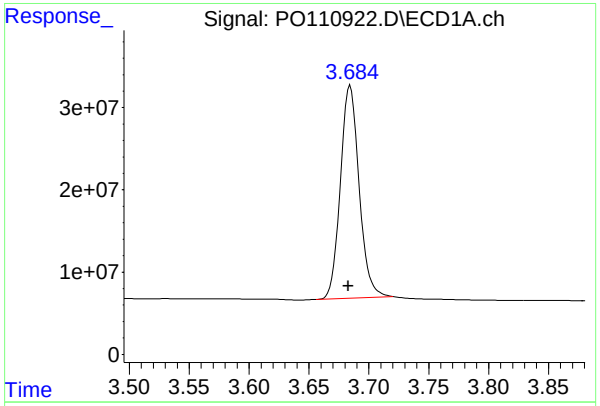
Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:35:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:33:51 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



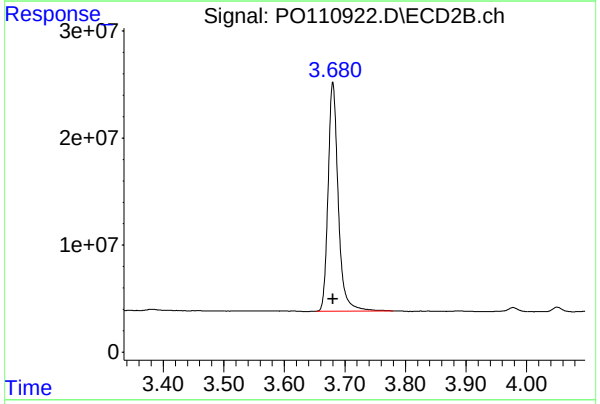




#1 Tetrachloro-m-xylene

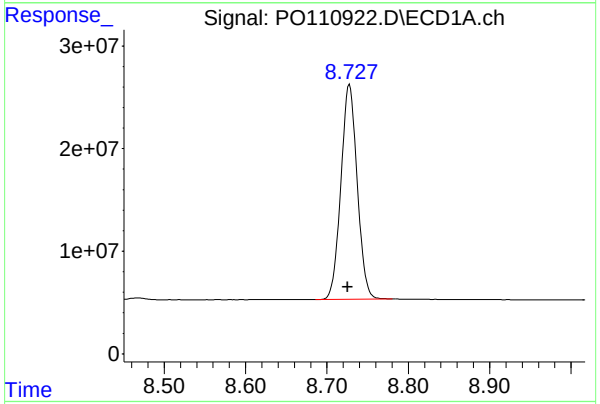
R.T.: 3.684 min
Delta R.T.: 0.001 min
Response: 281652415
Conc: 50.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1248



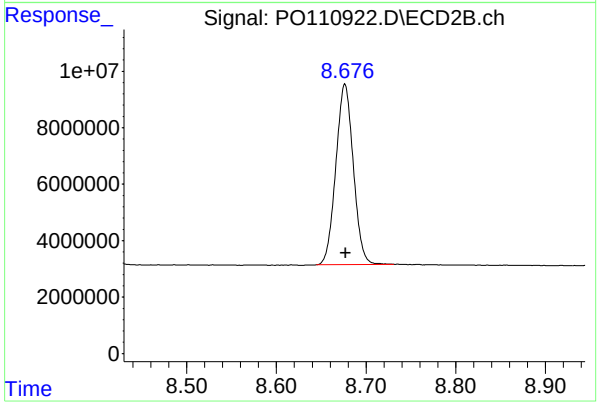
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 248964908
Conc: 53.92 ng/ml



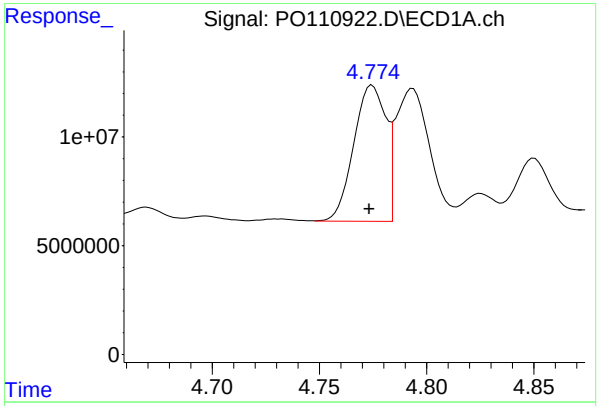
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.002 min
Response: 291010640
Conc: 47.30 ng/ml



#2 Decachlorobiphenyl

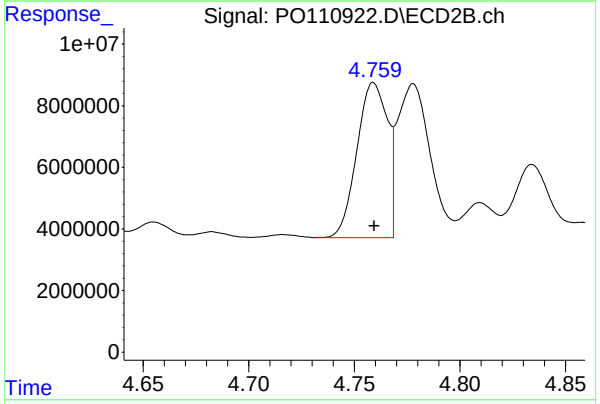
R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 86640442
Conc: 50.92 ng/ml



#21 AR-1248-1

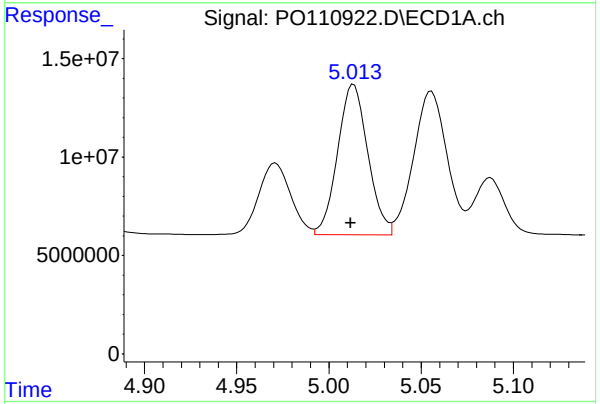
R.T.: 4.775 min
Delta R.T.: 0.001 mi
Response: 65440838
Conc: 498.17 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1248



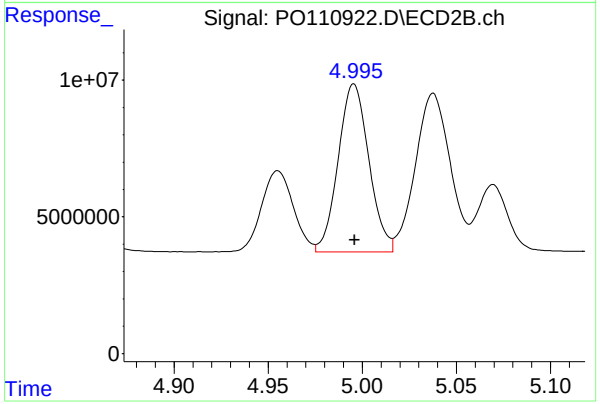
#21 AR-1248-1

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 50906724
Conc: 528.22 ng/ml



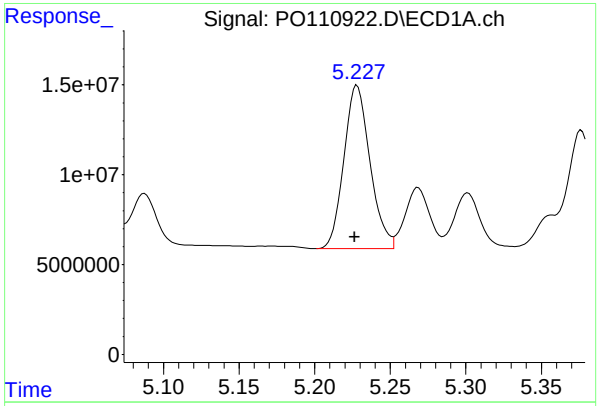
#22 AR-1248-2

R.T.: 5.013 min
Delta R.T.: 0.002 min
Response: 87125763
Conc: 497.20 ng/ml



#22 AR-1248-2

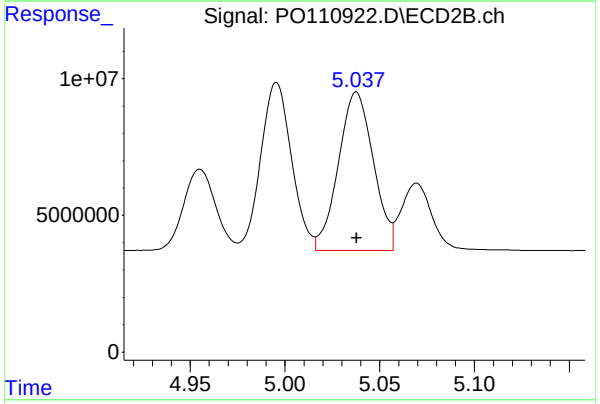
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 69718152
Conc: 515.97 ng/ml



#23 AR-1248-3

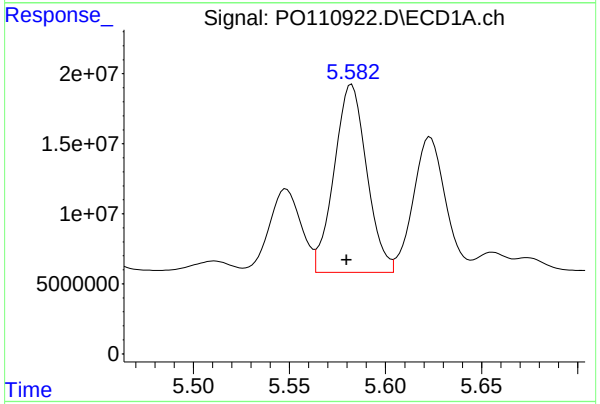
R.T.: 5.228 min
Delta R.T.: 0.002 min
Response: 109344102
Conc: 495.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1248



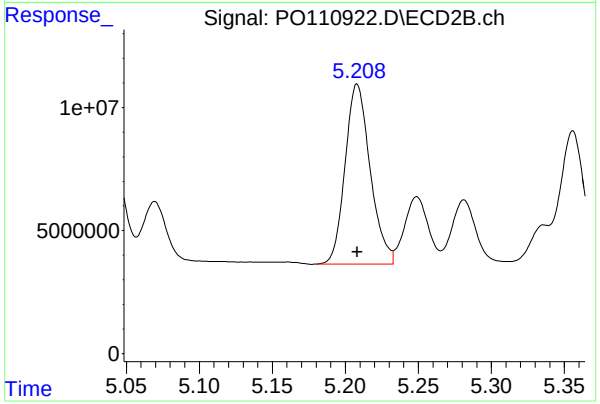
#23 AR-1248-3

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 74471131
Conc: 513.09 ng/ml



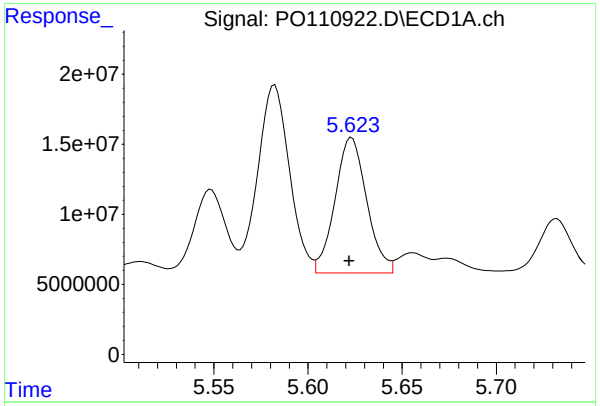
#24 AR-1248-4

R.T.: 5.582 min
Delta R.T.: 0.002 min
Response: 157554622
Conc: 480.77 ng/ml



#24 AR-1248-4

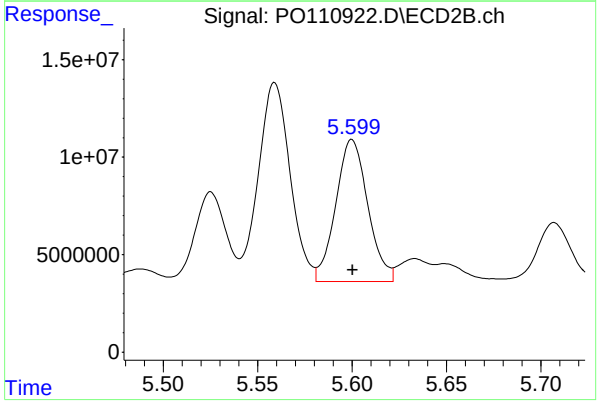
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 87700628
Conc: 523.54 ng/ml



#25 AR-1248-5

R.T.: 5.623 min
Delta R.T.: 0.001 mi
Response: 113604147
Conc: 486.64 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1248



#25 AR-1248-5

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 86365939
Conc: 514.45 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 21:31
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:37:08 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...	3.686	3.682	284.4E6	252.0E6	49.883	52.201
2)	SA Decachlor...	8.729	8.678	293.9E6	87469111	47.946	50.337
	Target Compounds						
26)	L6 AR-1254-1	5.583	5.561	166.1E6	127.6E6	492.032	508.463
27)	L6 AR-1254-2	5.732	5.708	144.2E6	110.8E6	501.071	507.621
28)	L6 AR-1254-3	6.138	6.110	226.4E6	169.6E6	495.188	507.509
29)	L6 AR-1254-4	6.367	6.338	150.3E6	98315385	493.211	506.360
30)	L6 AR-1254-5	6.786	6.755	205.3E6	136.7E6	486.678	509.427

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

Quantitation Report (QT Reviewed)

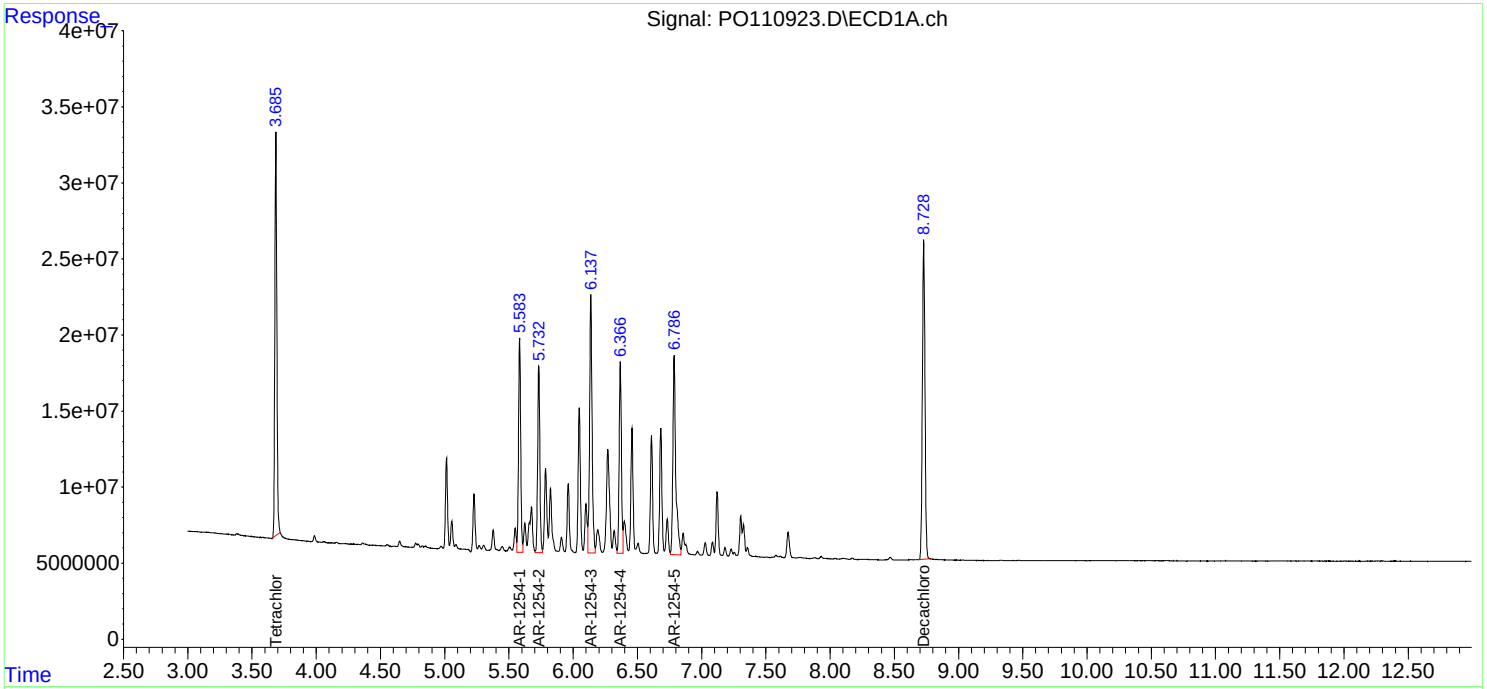
ICAL Form

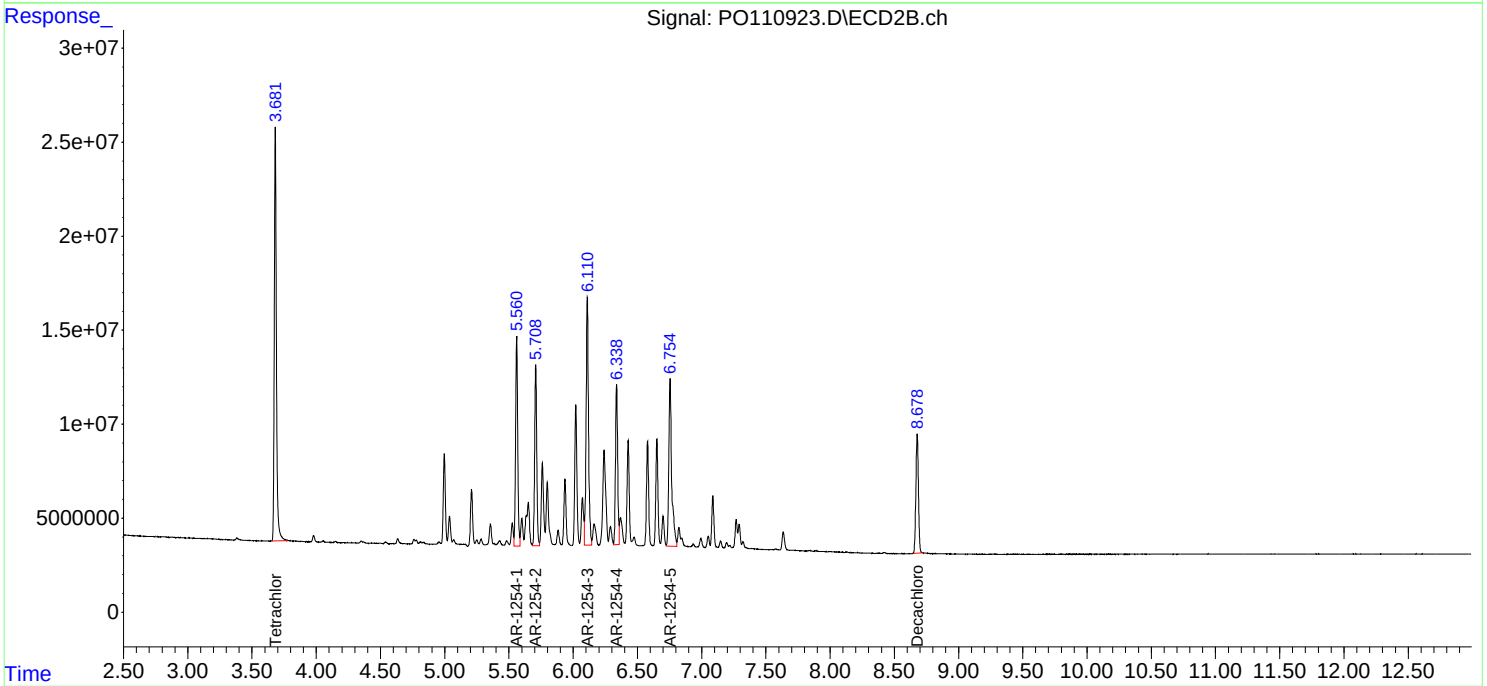
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 21:31
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

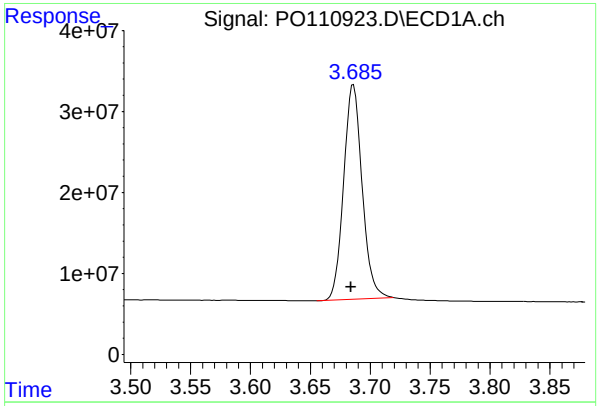
Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:37:08 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



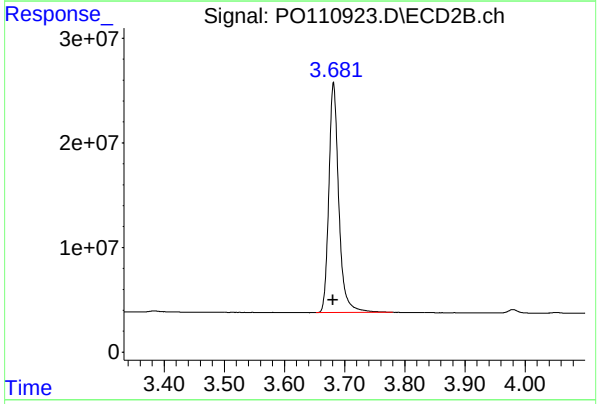




#1 Tetrachloro-m-xylene

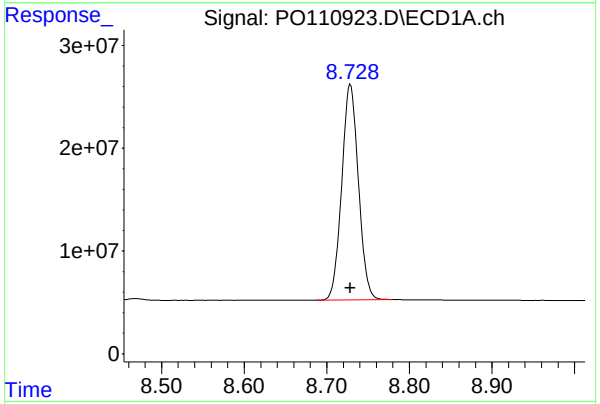
R.T.: 3.686 min
Delta R.T.: 0.002 mi
Response: 284427642
Conc: 49.88 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1254



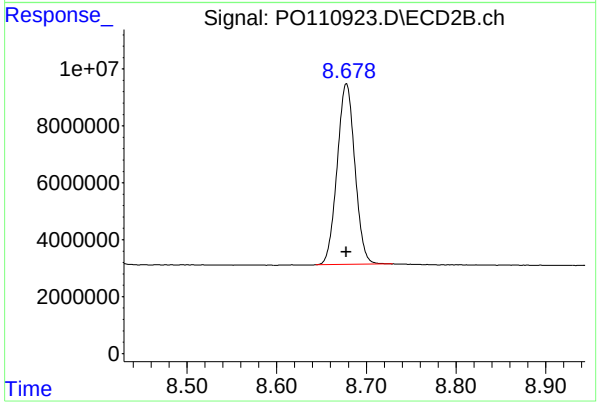
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: 0.001 min
Response: 252034049
Conc: 52.20 ng/ml



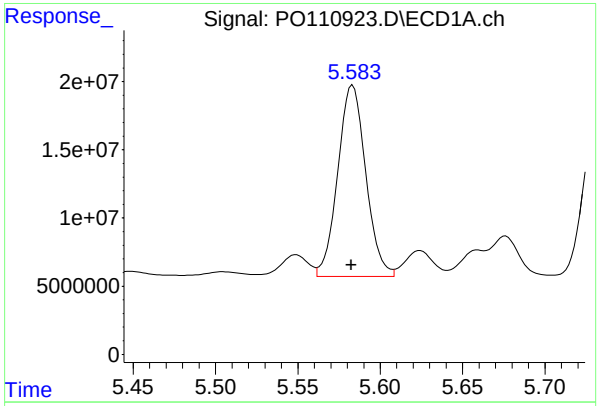
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 293875806
Conc: 47.95 ng/ml



#2 Decachlorobiphenyl

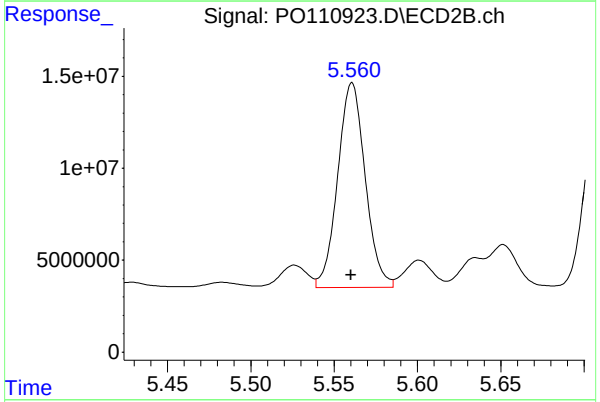
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 87469111
Conc: 50.34 ng/ml



#26 AR-1254-1

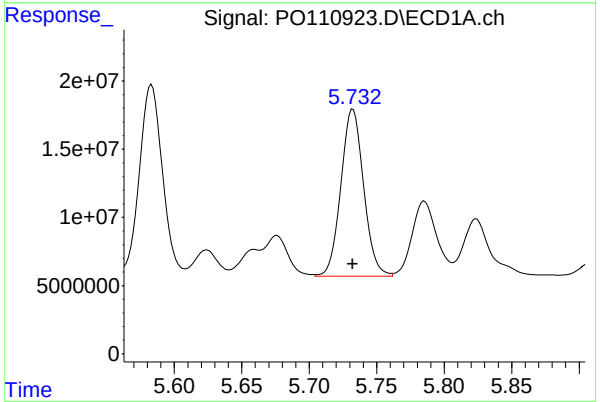
R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 166095813
Conc: 492.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1254



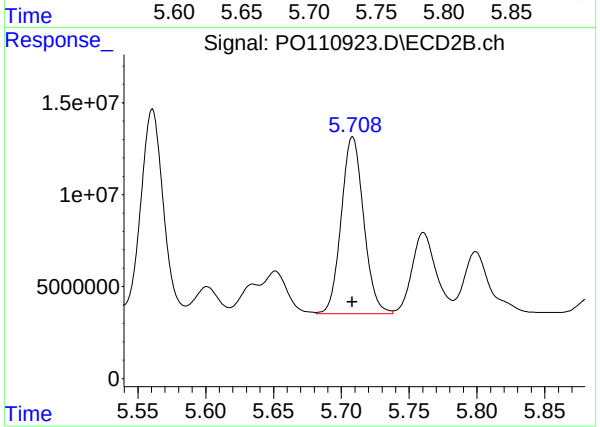
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 127636465
Conc: 508.46 ng/ml



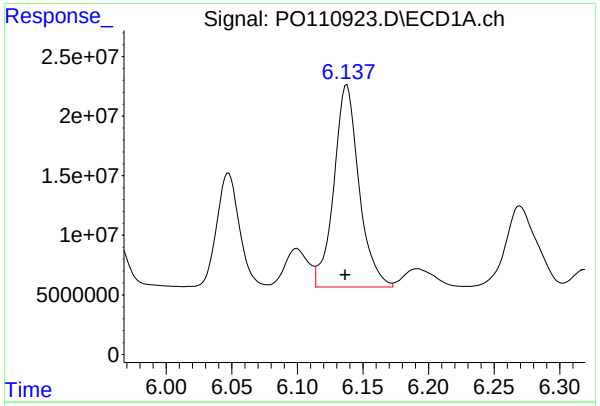
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 144158724
Conc: 501.07 ng/ml



#27 AR-1254-2

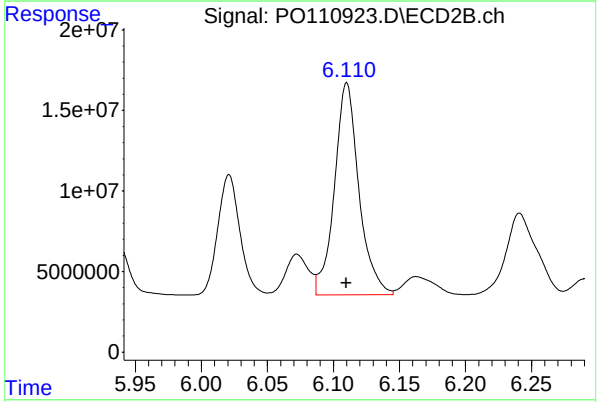
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 110755845
Conc: 507.62 ng/ml



#28 AR-1254-3

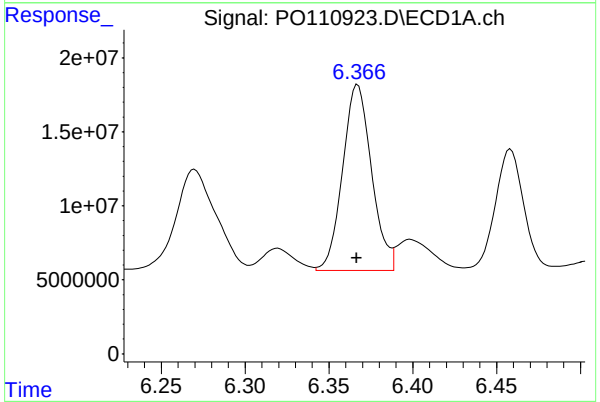
R.T.: 6.138 min
Delta R.T.: 0.001 mi
Response: 226448238
Conc: 495.19 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1254



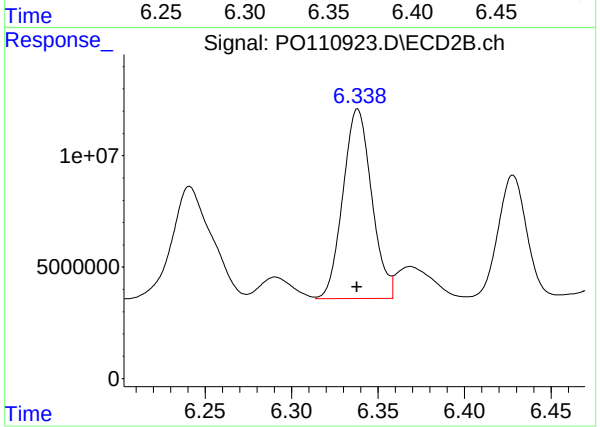
#28 AR-1254-3

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 169614477
Conc: 507.51 ng/ml



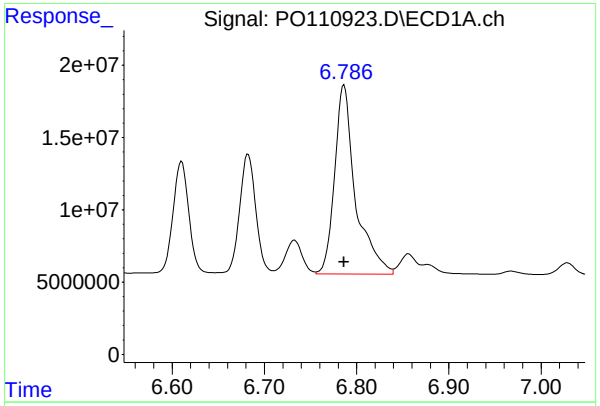
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 150343346
Conc: 493.21 ng/ml



#29 AR-1254-4

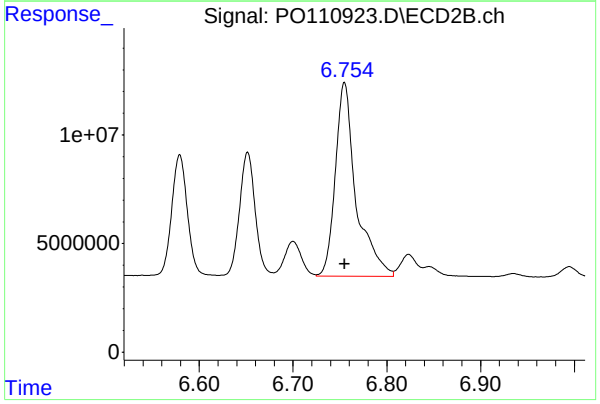
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 98315385
Conc: 506.36 ng/ml



#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 205323820
Conc: 486.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1254



#30 AR-1254-5

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 136669667
Conc: 509.43 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 22:08
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:44:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:42:15 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...	3.685	3.681	291.9E6	259.0E6	48.591	49.645
2)	SA Decachlor...	8.728	8.678	492.6E6	144.0E6	47.891	48.532
	Target Compounds						
41)	L9 AR-1268-1	7.612	7.576	456.7E6	223.9E6	484.912m	488.100
42)	L9 AR-1268-2	7.678	7.641	414.4E6	203.9E6	482.247	490.365
43)	L9 AR-1268-3	7.885	7.846	356.7E6	150.8E6	479.904	489.434
44)	L9 AR-1268-4	8.173	8.131	150.5E6	55100857	484.435	486.339
45)	L9 AR-1268-5	8.470	8.424	1050.4E6	317.8E6	478.987	483.957

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 22:08
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 28 Sample Multiplier: 1

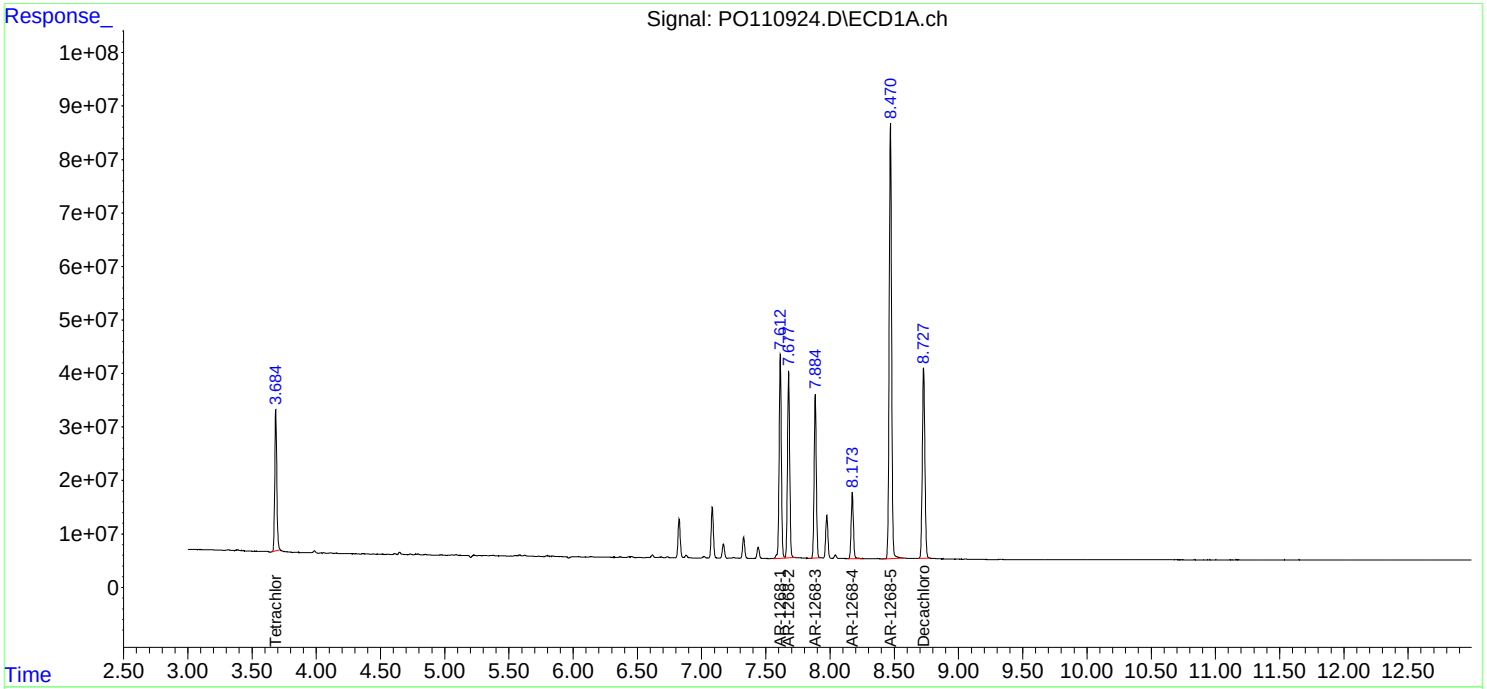
Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1268

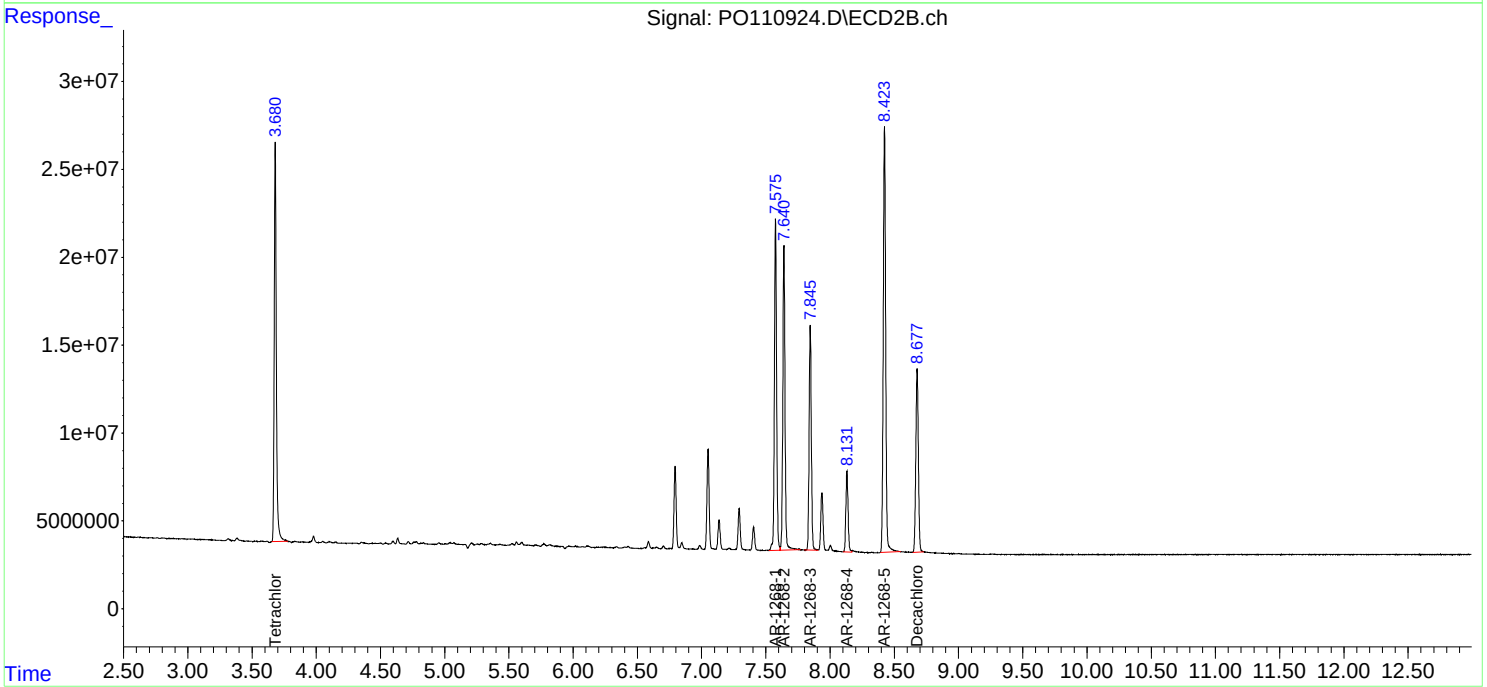
Manual Integrations APPROVED

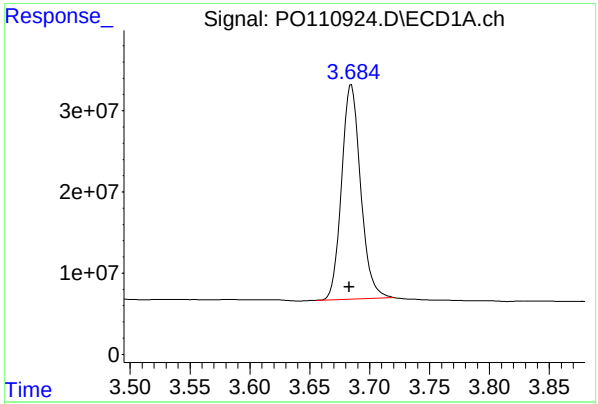
Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:44:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:42:15 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







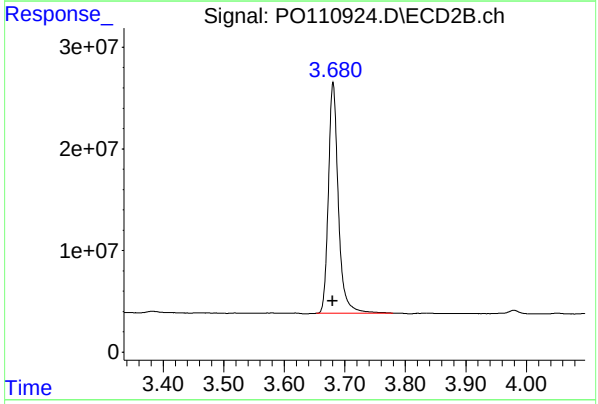
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.002 min
Response: 291884946
Conc: 48.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1268

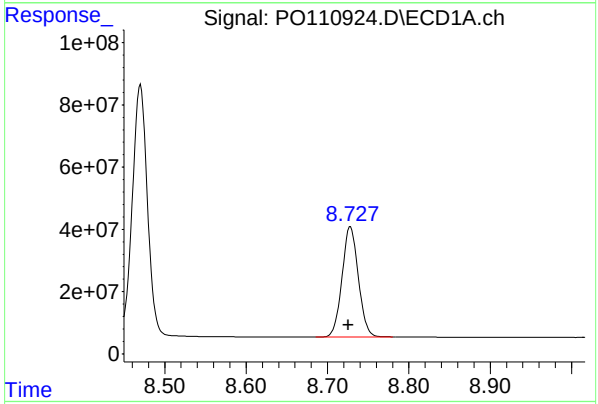
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



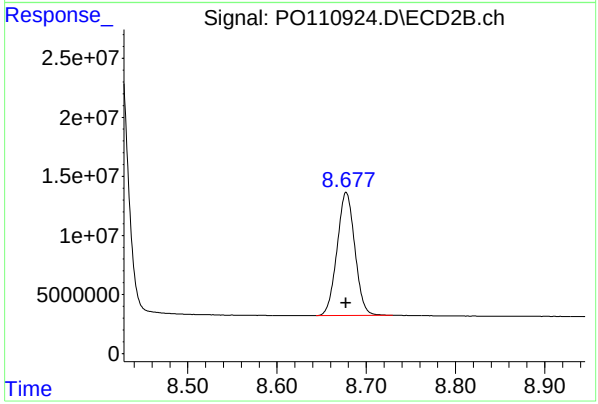
#1 Tetrachloro-m-xylene

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 259024900
Conc: 49.65 ng/ml



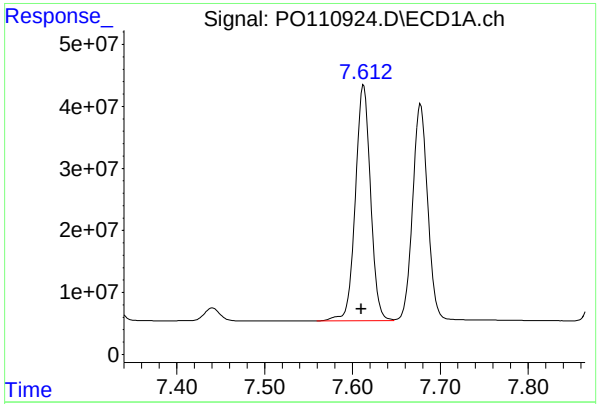
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.003 min
Response: 492644787
Conc: 47.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 144029795
Conc: 48.53 ng/ml



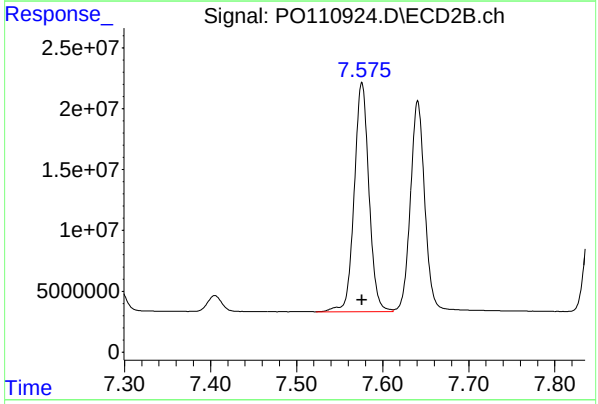
#41 AR-1268-1

R.T.: 7.612 min
Delta R.T.: 0.002 min
Response: 456669826
Conc: 484.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1268

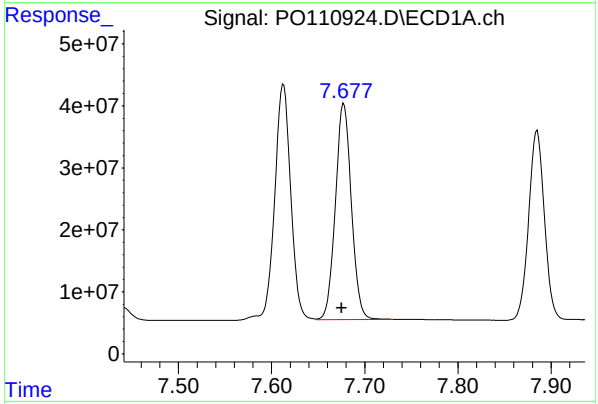
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



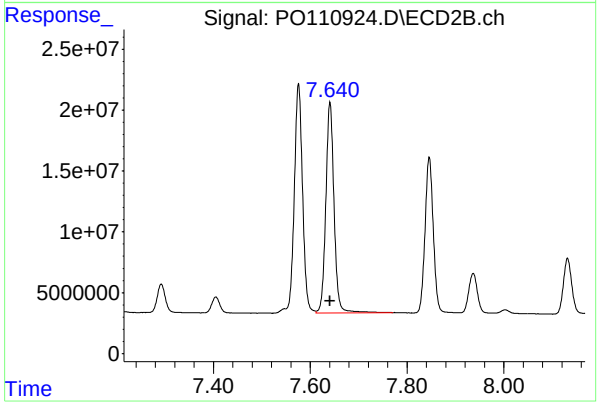
#41 AR-1268-1

R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 223940349
Conc: 488.10 ng/ml



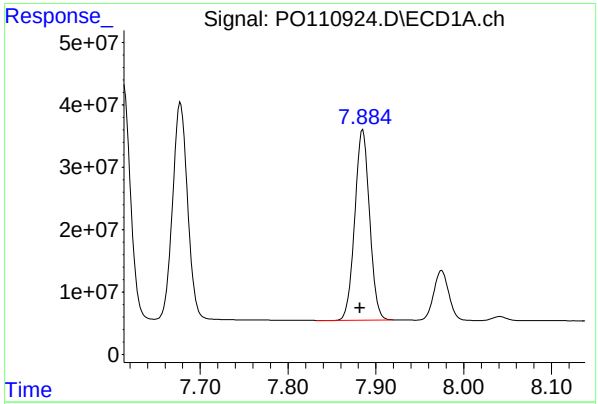
#42 AR-1268-2

R.T.: 7.678 min
Delta R.T.: 0.002 min
Response: 414431193
Conc: 482.25 ng/ml



#42 AR-1268-2

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 203903207
Conc: 490.37 ng/ml



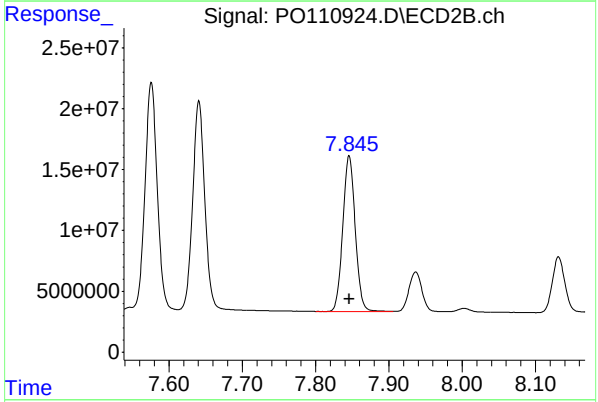
#43 AR-1268-3

R.T.: 7.885 min
Delta R.T.: 0.003 min
Response: 356651520
Conc: 479.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1268

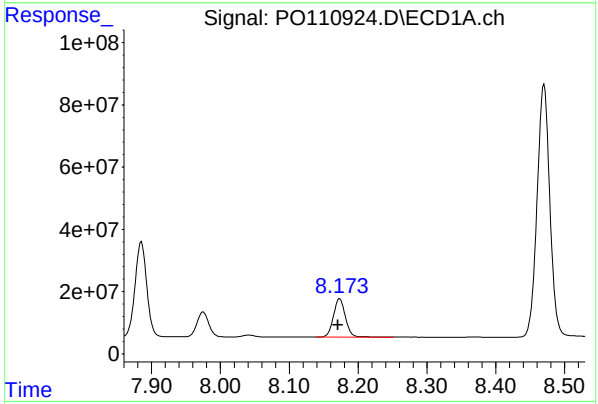
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



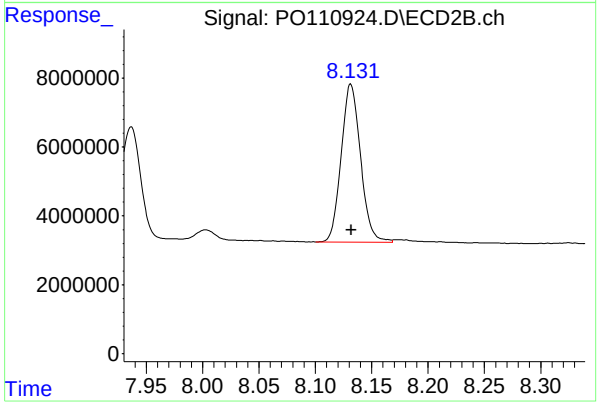
#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 150815642
Conc: 489.43 ng/ml



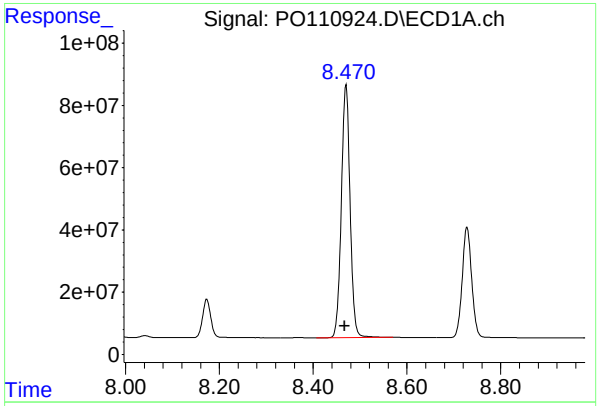
#44 AR-1268-4

R.T.: 8.173 min
Delta R.T.: 0.003 min
Response: 150516159
Conc: 484.44 ng/ml



#44 AR-1268-4

R.T.: 8.131 min
Delta R.T.: 0.000 min
Response: 55100857
Conc: 486.34 ng/ml



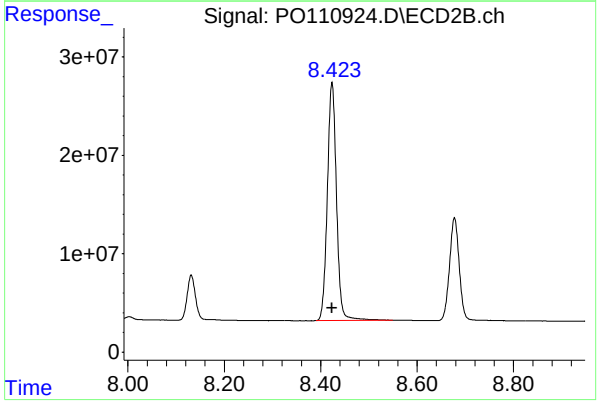
#45 AR-1268-5

R.T.: 8.470 min
Delta R.T.: 0.003 min
Response: 1050366044
Conc: 478.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO050225AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



#45 AR-1268-5

R.T.: 8.424 min
Delta R.T.: 0.000 min
Response: 317791942
Conc: 483.96 ng/ml

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID: RT 1000 = PP071389.D RT 750 = PP071390.D

RT 500 = PP071391.D RT 250 = PP071392.D RT 050 = PP071393.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.66	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1016-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1016-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1016-5	(5)	6.14	6.14	6.15	6.14	6.14	6.14	6.04	6.24
Aroclor-1260-1	(1)	7.26	7.26	7.27	7.26	7.26	7.26	7.16	7.36
Aroclor-1260-2	(2)	7.51	7.51	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1260-3	(3)	7.87	7.87	7.88	7.87	7.88	7.87	7.77	7.97
Aroclor-1260-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1260-5	(5)	8.42	8.42	8.42	8.42	8.42	8.42	8.32	8.52
Decachlorobiphenyl		10.23	10.23	10.24	10.23	10.24	10.23	10.13	10.33
Tetrachloro-m-xylene		4.51	4.51	4.52	4.51	4.52	4.51	4.41	4.61
Aroclor-1242-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1242-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1242-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1242-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.23	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.51	4.52	4.51	4.51	4.52	4.51	4.41	4.61
Aroclor-1248-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1248-2	(2)	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Aroclor-1248-3	(3)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1248-4	(4)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1248-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.24	10.24	10.24	10.24	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.51	4.51	4.51	4.51	4.41	4.61
Aroclor-1254-1	(1)	6.52	6.52	6.52	6.52	6.52	6.52	6.42	6.62
Aroclor-1254-2	(2)	6.74	6.74	6.74	6.73	6.74	6.74	6.64	6.84
Aroclor-1254-3	(3)	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
Aroclor-1254-4	(4)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1254-5	(5)	7.80	7.80	7.80	7.80	7.80	7.80	7.70	7.90
Decachlorobiphenyl		10.24	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.52	4.51	4.51	4.51	4.41	4.61
Aroclor-1268-1	(1)	8.73	8.73	8.73	8.74	8.73	8.73	8.63	8.83
Aroclor-1268-2	(2)	8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Aroclor-1268-3	(3)	9.06	9.06	9.06	9.06	9.06	9.06	8.96	9.16
Aroclor-1268-4	(4)	9.48	9.48	9.48	9.48	9.48	9.48	9.38	9.58
Aroclor-1268-5	(5)	9.89	9.89	9.89	9.90	9.89	9.90	9.80	10.00

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.24	10.23	10.24	10.24	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene	4.51	4.52	4.52	4.52	4.51	4.52	4.42	4.62

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID: RT 1000 = PP071389.D RT 750 = PP071390.D

RT 500 = PP071391.D RT 250 = PP071392.D RT 050 = PP071393.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	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-3	(3)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1016-4	(4)	5.13	5.13	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1016-5	(5)	5.35	5.35	5.35	5.35	5.35	5.35	5.25	5.45
Aroclor-1260-1	(1)	6.38	6.38	6.39	6.39	6.38	6.38	6.28	6.48
Aroclor-1260-2	(2)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Aroclor-1260-3	(3)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Aroclor-1260-4	(4)	7.20	7.20	7.20	7.20	7.20	7.20	7.10	7.30
Aroclor-1260-5	(5)	7.44	7.44	7.44	7.44	7.44	7.44	7.34	7.54
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-3	(3)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1242-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1242-5	(5)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1248-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-3	(3)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-4	(4)	5.35	5.35	5.35	5.35	5.35	5.35	5.25	5.45
Aroclor-1248-5	(5)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1254-1	(1)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1254-2	(2)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1254-3	(3)	6.25	6.26	6.25	6.26	6.26	6.26	6.16	6.36
Aroclor-1254-4	(4)	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
Aroclor-1254-5	(5)	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
Decachlorobiphenyl		8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene		3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91
Aroclor-1268-1	(1)	7.72	7.72	7.72	7.72	7.72	7.72	7.62	7.82
Aroclor-1268-2	(2)	7.79	7.79	7.79	7.79	7.79	7.79	7.69	7.89
Aroclor-1268-3	(3)	7.99	7.99	7.99	7.99	7.99	7.99	7.89	8.09
Aroclor-1268-4	(4)	8.29	8.29	8.29	8.29	8.29	8.29	8.19	8.39
Aroclor-1268-5	(5)	8.59	8.59	8.59	8.59	8.59	8.59	8.49	8.69

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene	3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID: **CF 1000 =** PP071389.D **CF 750 =** PP071390.D

CF 500 = PP071391.D **CF 250 =** PP071392.D **CF 050 =** PP071393.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	64709894	67652695	70083532	71128656	61674340	67049823	6
Aroclor-1016-2	(2)	98977911	102364897	107369074	108813892	95615840	102628323	5
Aroclor-1016-3	(3)	59905708	62127143	64296308	65849928	56056440	61647105	6
Aroclor-1016-4	(4)	50563747	52419789	53619076	54941428	44946700	51298148	8
Aroclor-1016-5	(5)	47772963	49344036	50670668	50888564	42515680	48238382	7
Aroclor-1260-1	(1)	90879847	94857525	98814986	99659744	95910940	96024608	4
Aroclor-1260-2	(2)	137163459	142386411	147498372	149887700	138450980	143077384	4
Aroclor-1260-3	(3)	110350751	114445481	117702804	126515524	91505860	112104084	12
Aroclor-1260-4	(4)	105570732	110780085	111211068	131260612	105501660	112864831	9
Aroclor-1260-5	(5)	220536830	229070229	228919678	255108180	199231240	226573231	9
Decachlorobiphenyl		1409816860	1467002307	1522583160	1539948480	1300700600	1448010281	7
Tetrachloro-m-xylene		1947183160	2005072840	2066603680	2100352680	1793966200	1982635712	6
Aroclor-1242-1	(1)	53870259	55684409	58494980	58676784	47130380	54771362	9
Aroclor-1242-2	(2)	81881116	85641493	90236470	89744200	77399340	84980524	6
Aroclor-1242-3	(3)	49423643	51294363	53309060	53836868	47752740	51123335	5
Aroclor-1242-4	(4)	41638031	42855355	45034468	44656444	36858500	42208560	8
Aroclor-1242-5	(5)	44955701	46392219	48330700	47956460	43817460	46290508	4
Decachlorobiphenyl		1368547670	1421241013	1488838040	1503303480	1179092600	1392204561	9
Tetrachloro-m-xylene		1868945350	1926494133	2017272340	2030390160	1613146400	1891249677	9
Aroclor-1248-1	(1)	42447397	43370463	44490672	45736348	38649560	42938888	6
Aroclor-1248-2	(2)	57932834	60215229	62023042	63285912	58705480	60432499	4
Aroclor-1248-3	(3)	65030901	68053485	69372090	70318056	61147600	66784426	6
Aroclor-1248-4	(4)	80777360	84441085	86910244	89142916	81782860	84610893	4
Aroclor-1248-5	(5)	76029464	78502729	80776474	83552224	78380620	79448302	4
Decachlorobiphenyl		1379130770	1440268240	1485619680	1521197800	1358343200	1436911938	5
Tetrachloro-m-xylene		1879191440	1925518227	1989640420	2037603040	1811949400	1928780505	5
Aroclor-1254-1	(1)	78574372	81246615	85577334	88598188	75759400	81951182	6
Aroclor-1254-2	(2)	121624435	125816099	132146328	137115708	118678260	127076166	6
Aroclor-1254-3	(3)	123432630	127799839	132981654	137623252	117036460	127774767	6
Aroclor-1254-4	(4)	112512019	116259037	121737436	124392856	112665620	117513394	5
Aroclor-1254-5	(5)	106399089	105922557	113785120	116153044	96391680	107730298	7
Decachlorobiphenyl		1410101810	1469202520	1526389740	1549706840	1328725400	1456825262	6
Tetrachloro-m-xylene		1888241120	1936990333	2012368600	2071565920	1722515200	1926336235	7
Aroclor-1268-1	(1)	299594266	309097848	319744804	331826088	282063800	308465361	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	251109850	259047004	267960354	275856908	228123960	256419615	7
Aroclor-1268-3	(3)	211915080	218354113	225284280	231505696	216470880	220706010	4
Aroclor-1268-4	(4)	93231632	96431025	99007040	98059984	82736300	93893196	7
Aroclor-1268-5	(5)	590082071	603740247	621062448	631335032	536707900	596585540	6
Decachlorobiphenyl		2486623660	2556709627	2669414960	2694667240	2263272000	2534137497	7
Tetrachloro-m-xylene		1883977950	1931567613	1982008260	2006991440	1590966000	1879102253	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_P **Calibration Date(s):** 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID: **CF 1000 =** PP071389.D **CF 750 =** PP071390.D

CF 500 = PP071391.D **CF 250 =** PP071392.D **CF 050 =** PP071393.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	48121828	49414308	53806128	56180596	60145020	53533576	9
Aroclor-1016-2	(2)	69736709	72096436	77213744	78520924	84250740	76363711	7
Aroclor-1016-3	(3)	38517048	40455577	43831736	45082616	43165080	42210411	6
Aroclor-1016-4	(4)	31206636	32814844	36123020	37095092	35190100	34485938	7
Aroclor-1016-5	(5)	39458687	41985771	45850608	46345748	48595640	44447291	8
Aroclor-1260-1	(1)	63219917	66123699	73727666	76350368	82074520	72299234	11
Aroclor-1260-2	(2)	77338708	77548395	89921718	91492956	101005300	87461415	12
Aroclor-1260-3	(3)	72062678	70944365	81698234	79344004	87888600	78387576	9
Aroclor-1260-4	(4)	57333188	56779915	65331750	68083052	68025140	63110609	9
Aroclor-1260-5	(5)	143809415	139161576	155842678	157512280	157560640	150777318	6
Decachlorobiphenyl		831147600	875337973	902319620	934998560	841460400	877052831	5
Tetrachloro-m-xylene		1380433570	1378340613	1415112020	1448341640	1420974200	1408640409	2
Aroclor-1242-1	(1)	42717527	44660211	47919806	49576672	46343800	46243603	6
Aroclor-1242-2	(2)	62346958	64901092	68295906	70279172	64290540	66022734	5
Aroclor-1242-3	(3)	34614031	35703872	38469574	40739776	32714120	36448275	9
Aroclor-1242-4	(4)	33518120	34659665	37548334	39683016	33143760	35710579	8
Aroclor-1242-5	(5)	41214500	42688541	44971456	47258656	41407120	43508055	6
Decachlorobiphenyl		815615080	851726400	897002660	917481280	766770800	849719244	7
Tetrachloro-m-xylene		1295159620	1325412680	1503876340	1432488040	1389045200	1389196376	6
Aroclor-1248-1	(1)	30996932	35945815	36538014	39256084	37796080	36106585	9
Aroclor-1248-2	(2)	43624561	47309389	48616518	53505512	51756020	48962400	8
Aroclor-1248-3	(3)	45791659	49899927	50774174	56002176	52959580	51085503	7
Aroclor-1248-4	(4)	53871444	58562581	58680784	64889280	67282380	60657294	9
Aroclor-1248-5	(5)	52150607	56290108	57608714	65271236	60133720	58290877	8
Decachlorobiphenyl		826375100	860756013	900400040	940375840	921771600	889935719	5
Tetrachloro-m-xylene		1324712230	1514156880	1548203640	1434858960	1416930600	1447772462	6
Aroclor-1254-1	(1)	81690839	87361264	89755404	97285536	100908960	91400401	8
Aroclor-1254-2	(2)	70045476	75469849	77317914	83154376	87573280	78712179	9
Aroclor-1254-3	(3)	109725744	114103376	120096818	124380164	124235440	118508308	5
Aroclor-1254-4	(4)	70169900	74068720	77810162	81877428	81901880	77165618	7
Aroclor-1254-5	(5)	92229111	96109599	104690794	107384400	106924600	101467701	7
Decachlorobiphenyl		846307500	875335867	916104900	955261880	868223800	892246789	5
Tetrachloro-m-xylene		1390553300	1501013893	1450901500	1518608160	1468503000	1465915971	3
Aroclor-1268-1	(1)	181860271	188460193	203483780	205414332	201904640	196224643	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	154801411	159518377	172755008	173272408	170561360	166181713	5
Aroclor-1268-3	(3)	128491160	133089205	143083692	144773184	135469120	136981272	5
Aroclor-1268-4	(4)	56964280	59695839	63521398	64177792	55793320	60030526	6
Aroclor-1268-5	(5)	367021219	377695863	385175068	387479012	342861840	372046600	5
Decachlorobiphenyl		1499051200	1546040093	1602790460	1652739760	1464953600	1553115023	5
Tetrachloro-m-xylene		1476470990	1445952813	1464214380	1457737600	1300882000	1429051557	5

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_P **Date(s) Analyzed:** 04/22/2025 04/22/2025

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	4.72	4.62	4.82	24116800
		2	4.80	4.70	4.90	18016900
		3	4.88	4.78	4.98	56611200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.88	4.78	4.98	44912000
		2	5.40	5.30	5.50	23013000
		3	5.69	5.59	5.79	47217600
		4	5.85	5.75	5.95	23179400
		5	5.94	5.84	6.04	16145700
Aroclor-1262	500	1	8.10	8.00	8.20	144491000
		2	8.42	8.32	8.52	274186000
		3	8.74	8.64	8.84	182878000
		4	8.82	8.72	8.92	134211000
		5	9.48	9.38	9.58	88162000

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Instrument ID: ECD_P **Date(s) Analyzed:** 04/22/2025 04/22/2025

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	4.02	3.92	4.12	21995000
		2	4.11	4.01	4.21	16561700
		3	4.19	4.09	4.29	48477000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.19	4.09	4.29	38317800
		2	4.92	4.82	5.02	38187400
		3	5.09	4.99	5.19	21175200
		4	5.18	5.08	5.28	18540400
		5	5.35	5.25	5.45	19901900
Aroclor-1262	500	1	6.94	6.84	7.04	113612000
		2	7.20	7.10	7.30	92339400
		3	7.72	7.62	7.82	75694400
		4	7.79	7.69	7.89	124826000
		5	8.29	8.19	8.39	55493200

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:29
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: Apr 22 11:18:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.511	3.811	194.7E6	138.0E6	97.025	98.760
2)	SA Decachlor...	10.230	8.849	141.0E6	83114760	96.154	95.894
	Target Compounds						
3)	L1 AR-1016-1	5.664	4.897	64709894	48121828	960.134	944.232
4)	L1 AR-1016-2	5.686	4.915	98977911	69736709	959.335	949.119
5)	L1 AR-1016-3	5.749	5.092	59905708	38517048	964.650	935.461
6)	L1 AR-1016-4	5.846	5.134	50563747	31206636	970.673	926.980
7)	L1 AR-1016-5	6.139	5.349	47772963	39458687	970.565	925.074
31)	L7 AR-1260-1	7.259	6.384	90879847	63219917	958.169	923.272
32)	L7 AR-1260-2	7.512	6.572	137.2E6	77338708	963.694	924.770
33)	L7 AR-1260-3	7.872	6.726	110.4E6	72062678	967.762	937.334
34)	L7 AR-1260-4	8.095	7.197	105.6E6	57333188	973.982	934.793
35)	L7 AR-1260-5	8.416	7.439	220.5E6	143.8E6	981.349	959.843

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

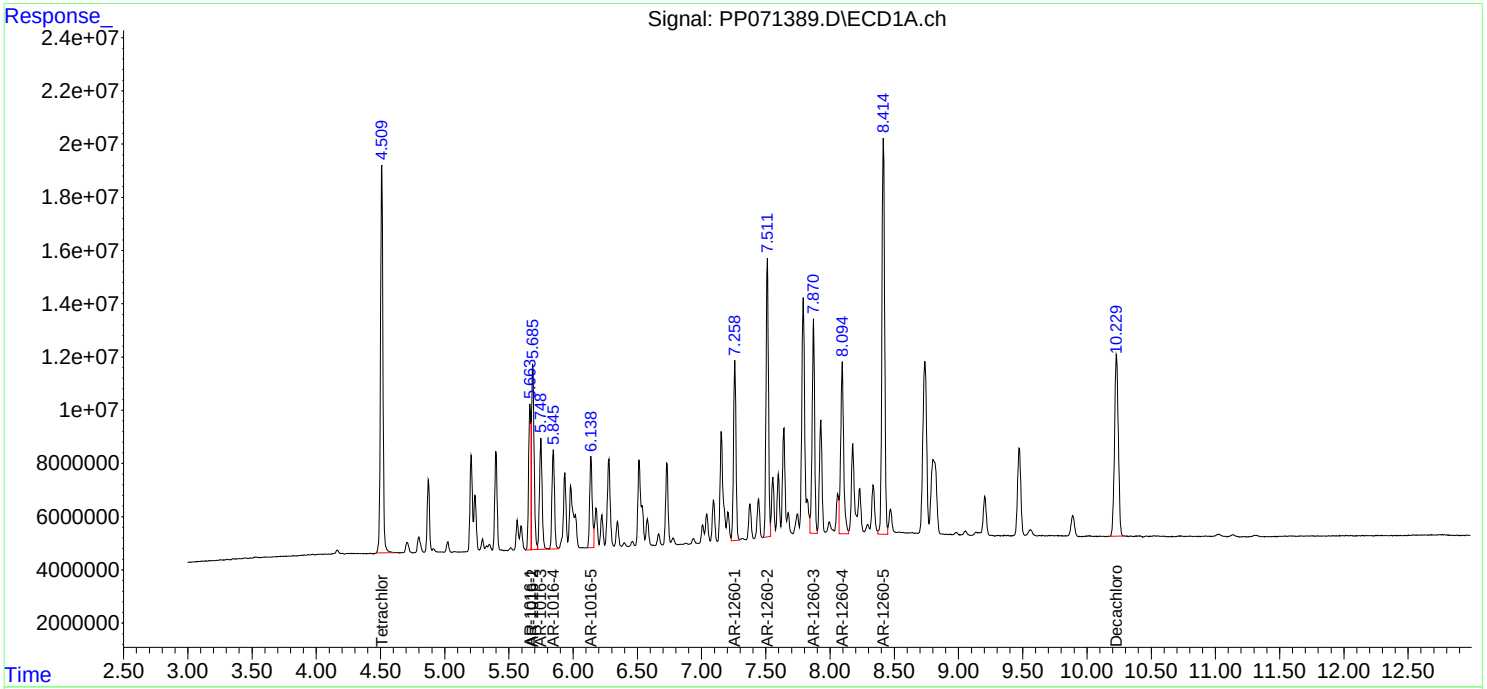
ICAL Form

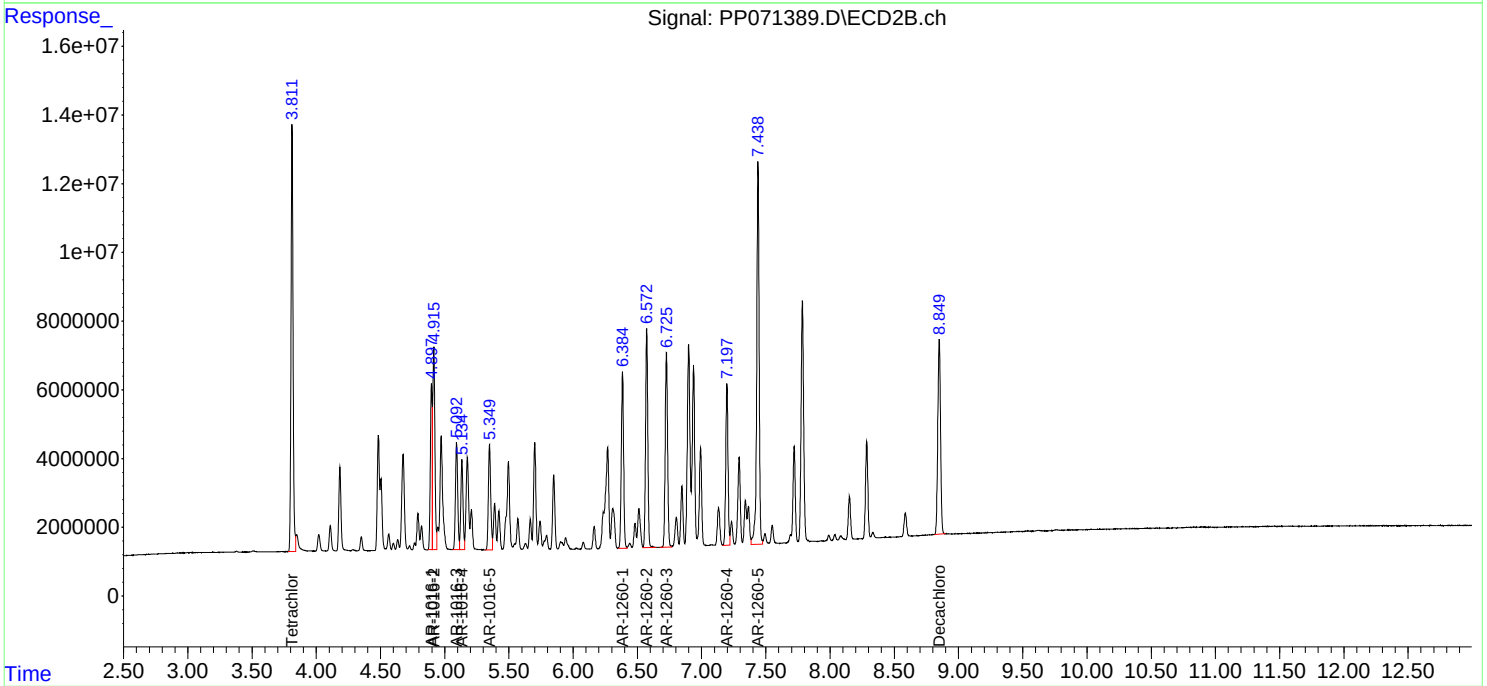
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:29
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

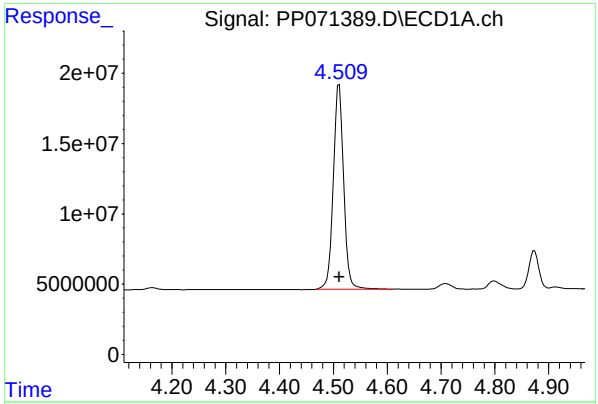
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:18:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



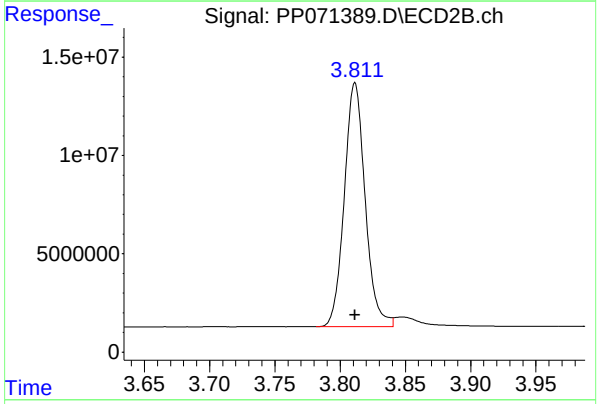




#1 Tetrachloro-m-xylene

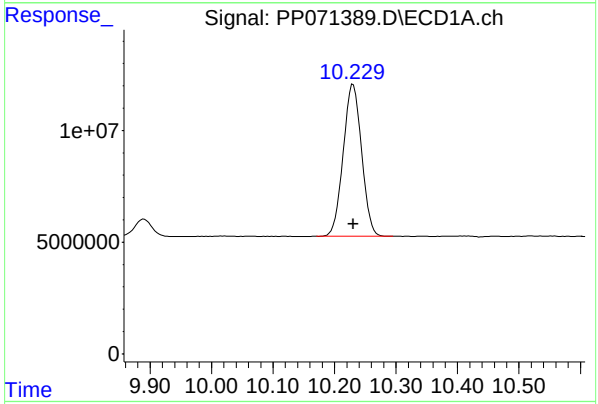
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 194718316
Conc: 97.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



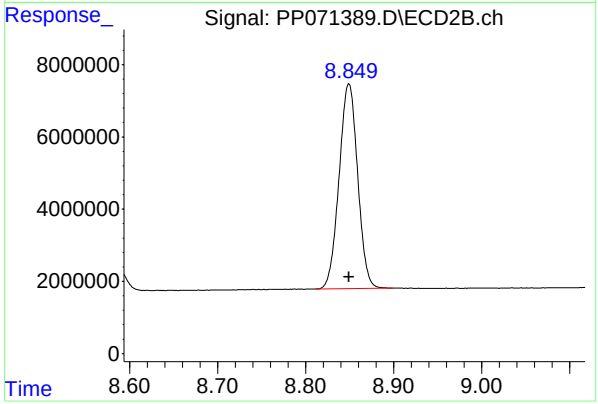
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 138043357
Conc: 98.76 ng/ml



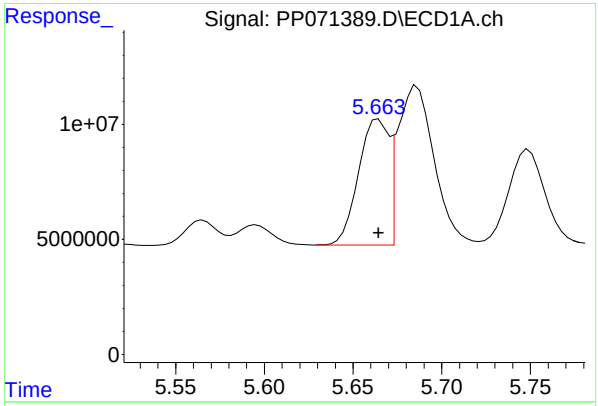
#2 Decachlorobiphenyl

R.T.: 10.230 min
Delta R.T.: 0.000 min
Response: 140981686
Conc: 96.15 ng/ml



#2 Decachlorobiphenyl

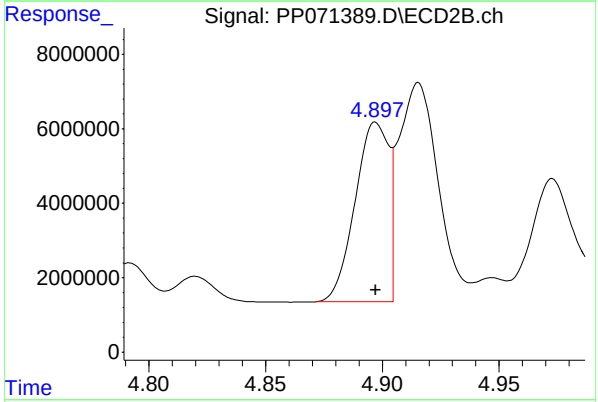
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 83114760
Conc: 95.89 ng/ml



#3 AR-1016-1

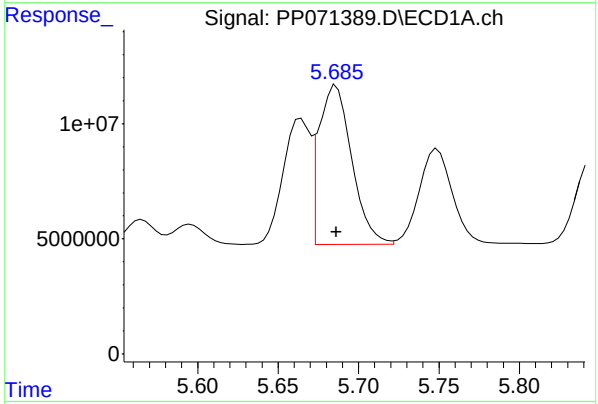
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 64709894
Conc: 960.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



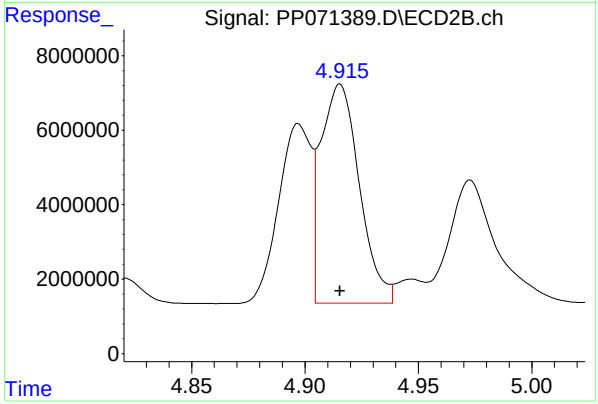
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 48121828
Conc: 944.23 ng/ml



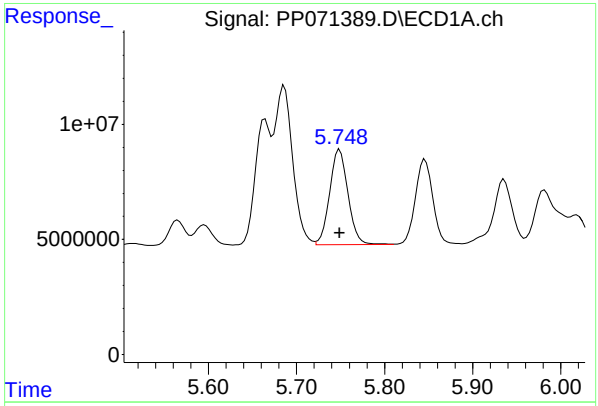
#4 AR-1016-2

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 98977911
Conc: 959.33 ng/ml



#4 AR-1016-2

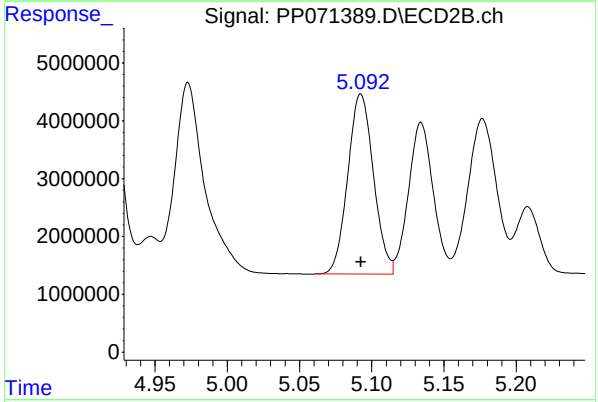
R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 69736709
Conc: 949.12 ng/ml



#5 AR-1016-3

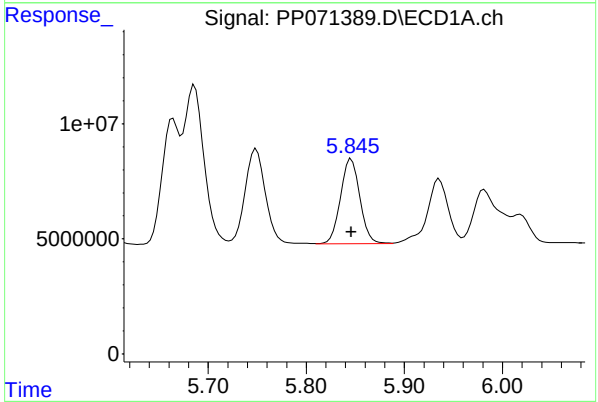
R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 59905708
Conc: 964.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



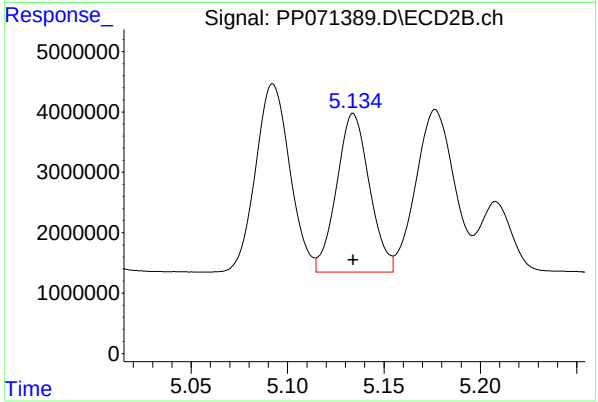
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 38517048
Conc: 935.46 ng/ml



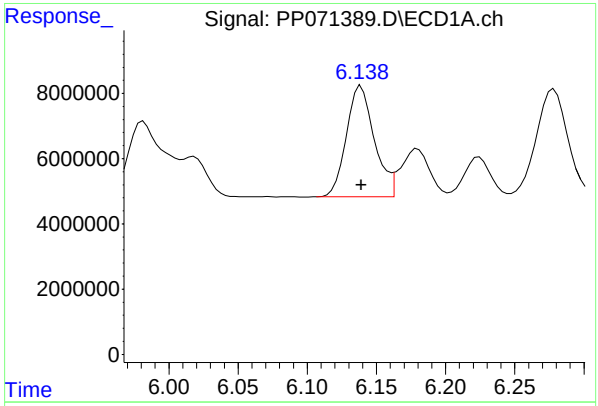
#6 AR-1016-4

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 50563747
Conc: 970.67 ng/ml



#6 AR-1016-4

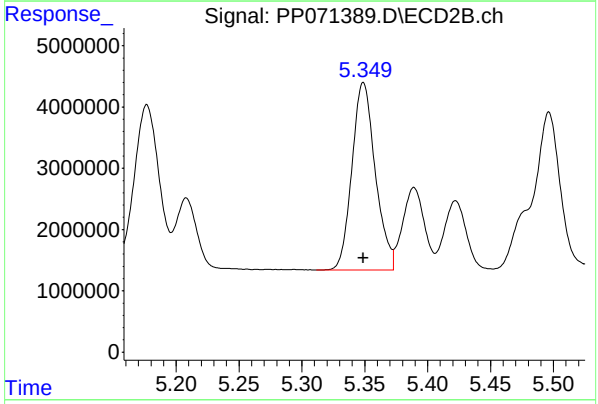
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 31206636
Conc: 926.98 ng/ml



#7 AR-1016-5

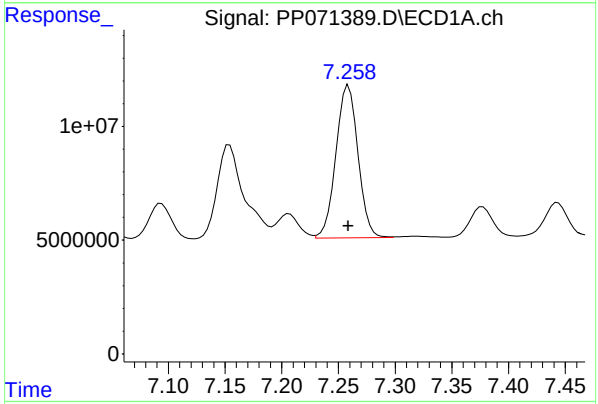
R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 47772963
Conc: 970.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



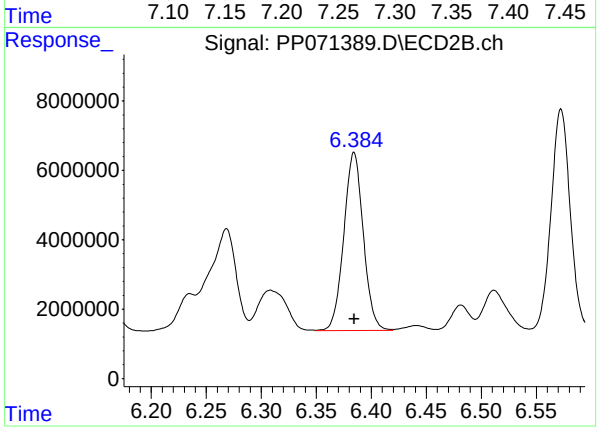
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 39458687
Conc: 925.07 ng/ml



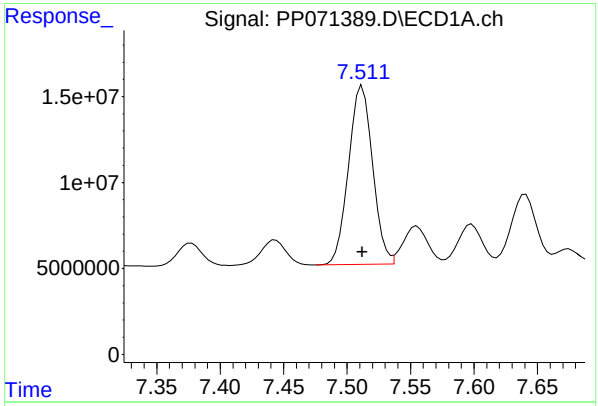
#31 AR-1260-1

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 90879847
Conc: 958.17 ng/ml



#31 AR-1260-1

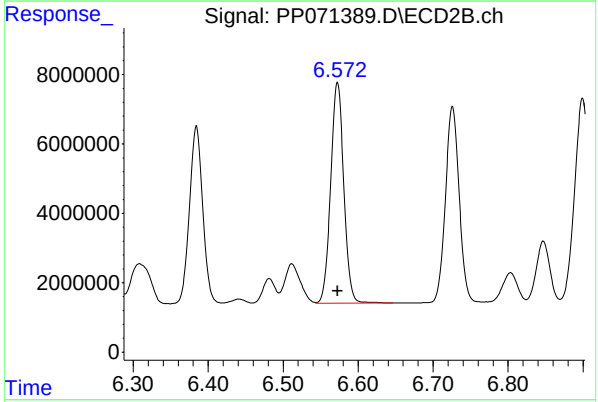
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 63219917
Conc: 923.27 ng/ml



#32 AR-1260-2

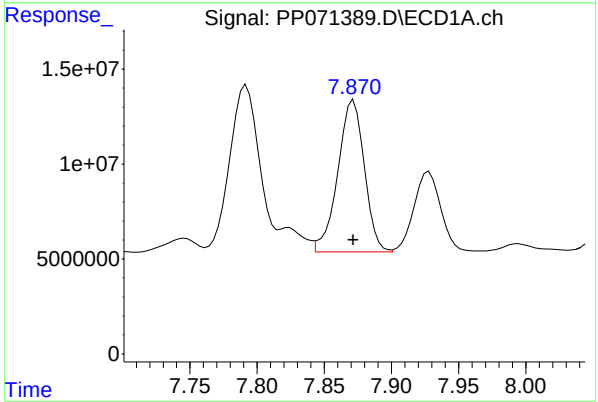
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 137163459
Conc: 963.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



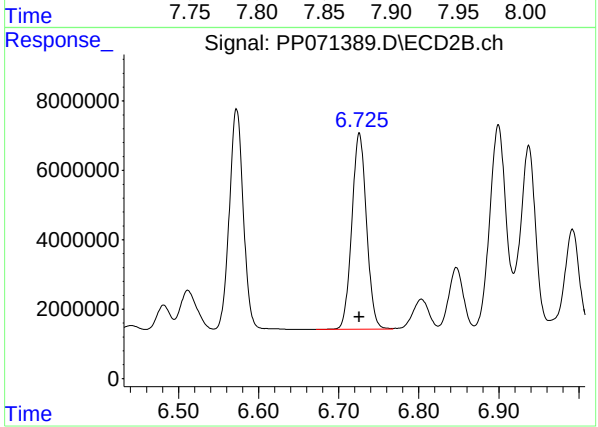
#32 AR-1260-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 77338708
Conc: 924.77 ng/ml



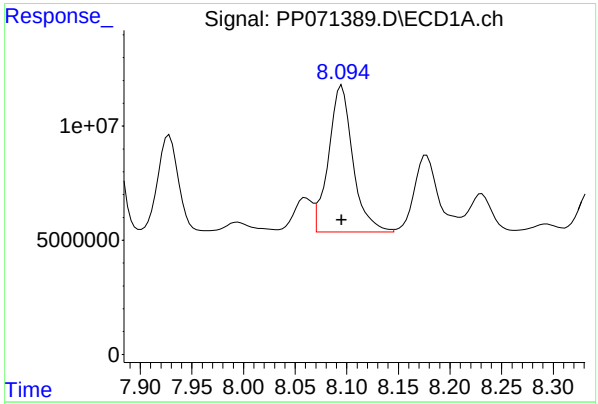
#33 AR-1260-3

R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 110350751
Conc: 967.76 ng/ml



#33 AR-1260-3

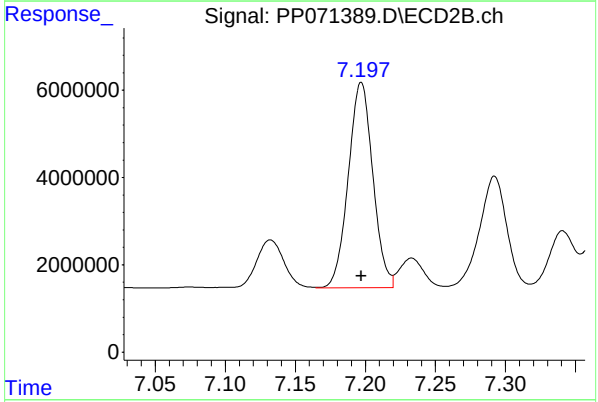
R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 72062678
Conc: 937.33 ng/ml



#34 AR-1260-4

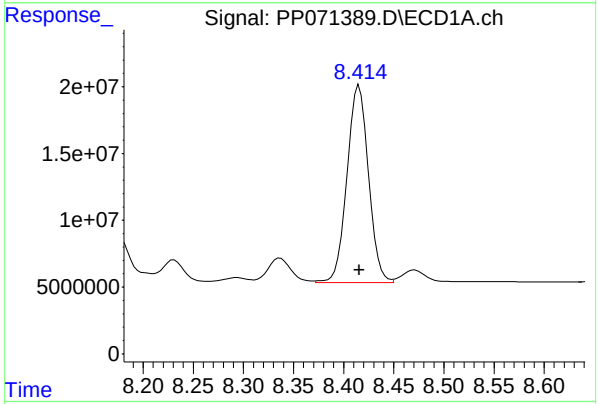
R.T.: 8.095 min
Delta R.T.: 0.000 min
Response: 105570732
Conc: 973.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



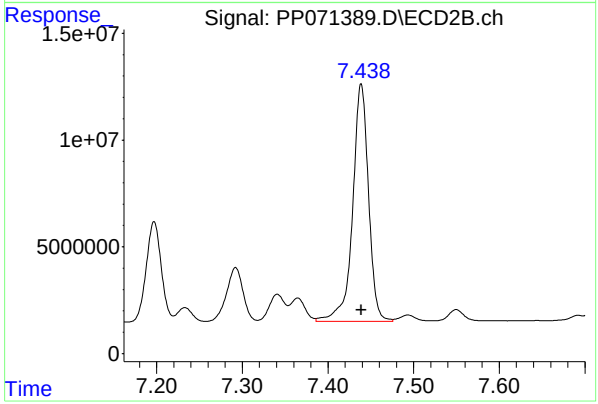
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 57333188
Conc: 934.79 ng/ml



#35 AR-1260-5

R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 220536830
Conc: 981.35 ng/ml



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 143809415
Conc: 959.84 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:45
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: Apr 22 11:20:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.811	150.4E6	103.4E6	74.955	74.302
2)	SA Decachlor...	10.233	8.848	110.0E6	65650348	75.027	75.495
	Target Compounds						
3)	L1 AR-1016-1	5.668	4.897	50739521	37060731	751.897	734.641
4)	L1 AR-1016-2	5.690	4.915	76773673	54072327	746.071	740.558
5)	L1 AR-1016-3	5.752	5.092	46595357	30341683	750.210	741.220
6)	L1 AR-1016-4	5.849	5.134	39314842	24611133	753.145	737.269
7)	L1 AR-1016-5	6.142	5.349	37008027	31489328	751.240	742.118
31)	L7 AR-1260-1	7.261	6.383	71143144	49592774	750.053	732.641
32)	L7 AR-1260-2	7.514	6.572	106.8E6	58161296	750.195	712.735
33)	L7 AR-1260-3	7.873	6.725	85834111	53208274	751.834	710.374
34)	L7 AR-1260-4	8.097	7.197	83085064	42584936	760.941	711.945
35)	L7 AR-1260-5	8.418	7.438	171.8E6	104.4E6	759.599	713.546

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

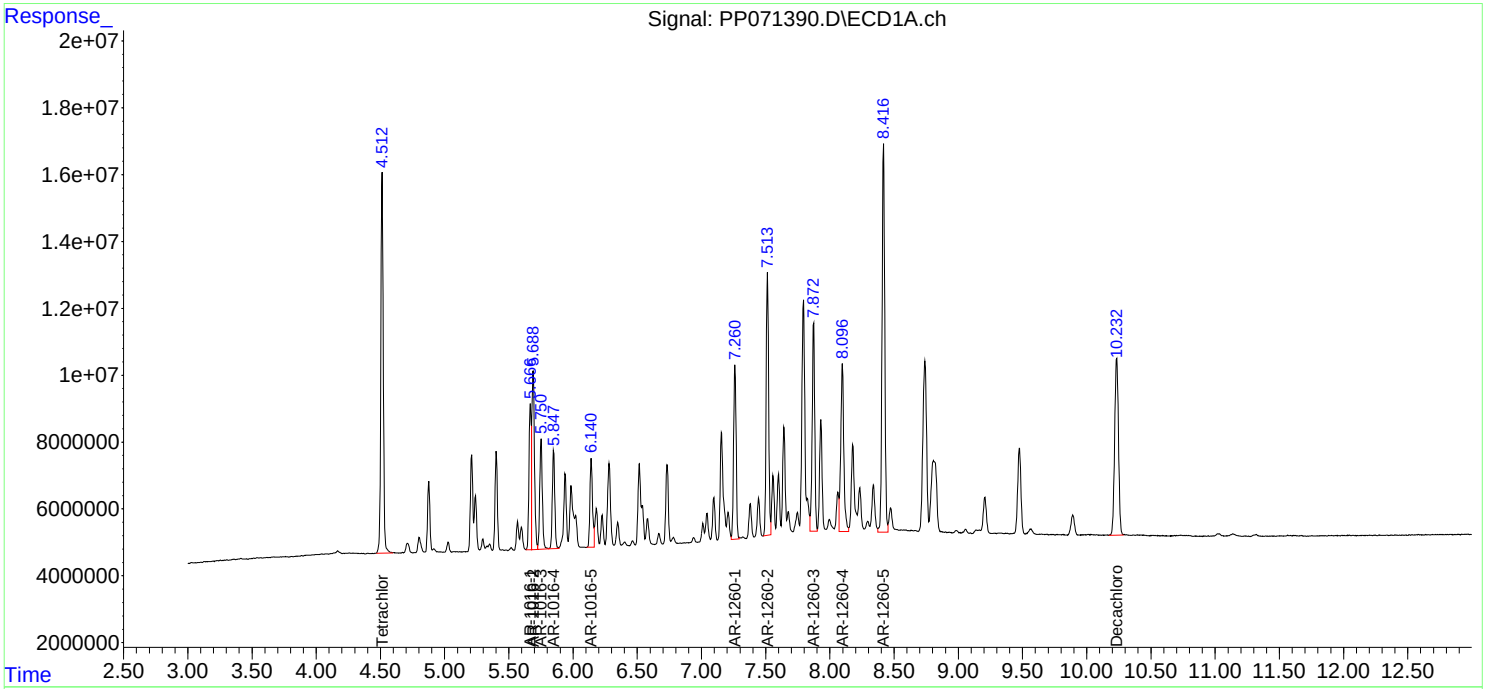
ICAL Form

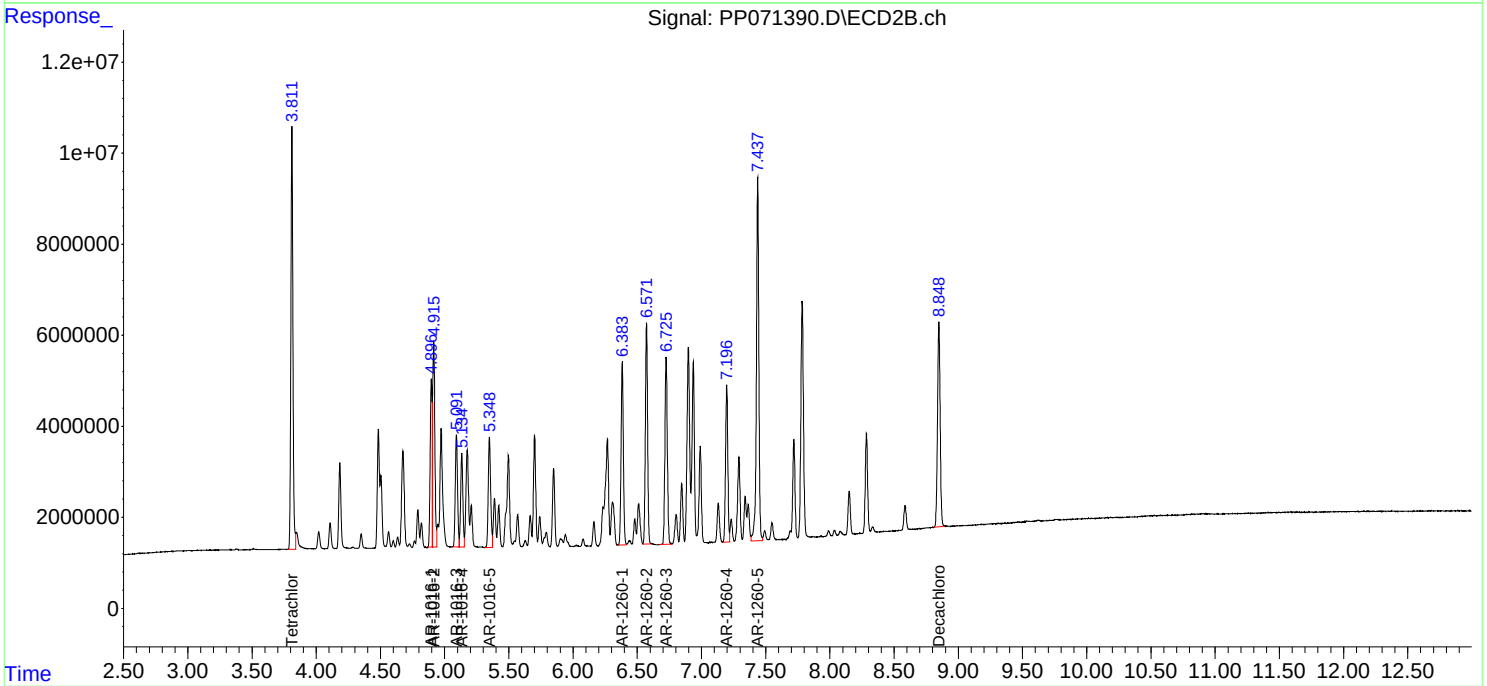
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:45
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

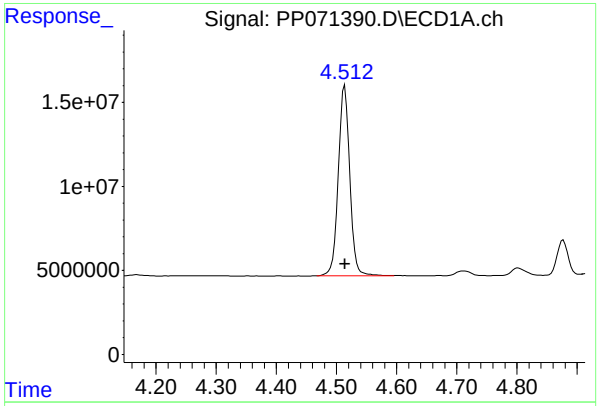
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:20:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



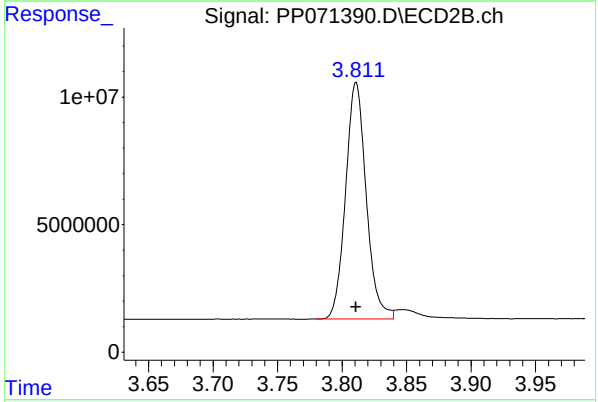




#1 Tetrachloro-m-xylene

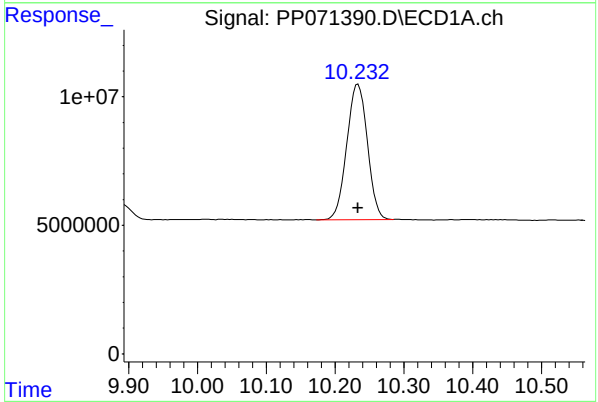
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 150380463
Conc: 74.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



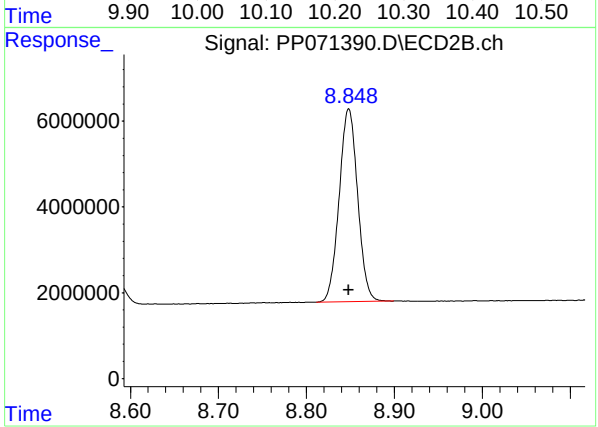
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 103375546
Conc: 74.30 ng/ml



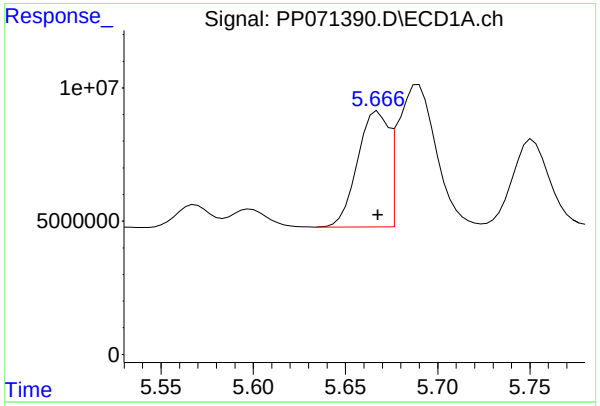
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 110025173
Conc: 75.03 ng/ml



#2 Decachlorobiphenyl

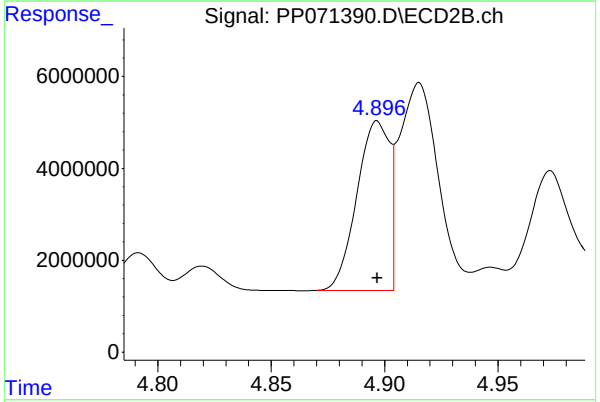
R.T.: 8.848 min
Delta R.T.: 0.000 min
Response: 65650348
Conc: 75.49 ng/ml



#3 AR-1016-1

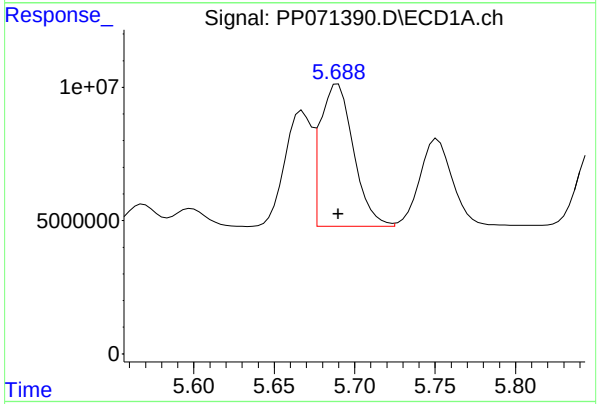
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 50739521
Conc: 751.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



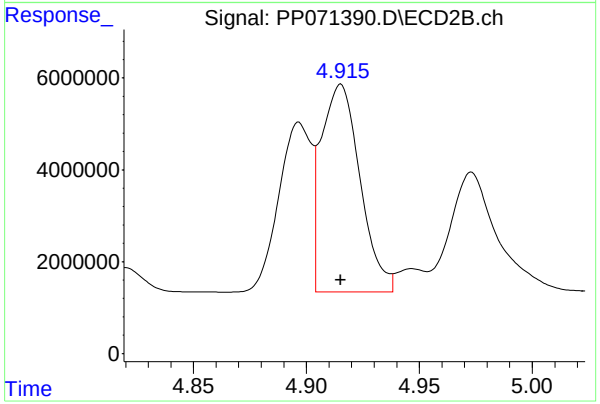
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 37060731
Conc: 734.64 ng/ml



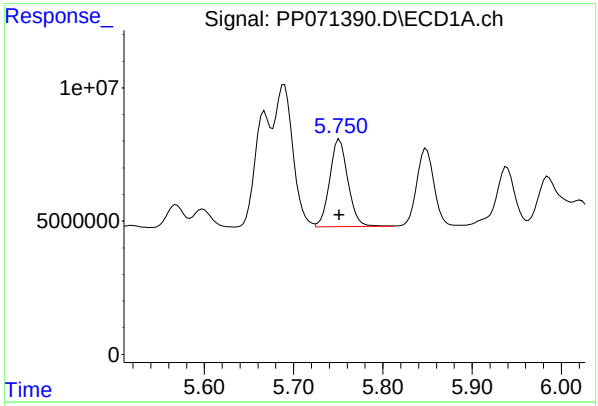
#4 AR-1016-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 76773673
Conc: 746.07 ng/ml



#4 AR-1016-2

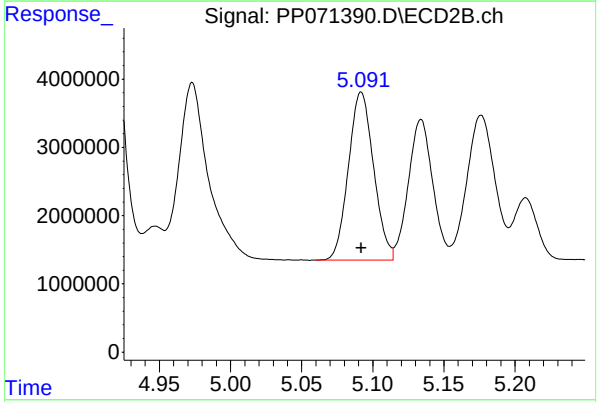
R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 54072327
Conc: 740.56 ng/ml



#5 AR-1016-3

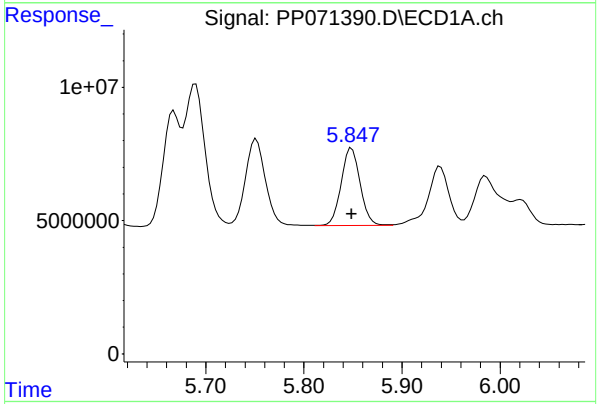
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 46595357
Conc: 750.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



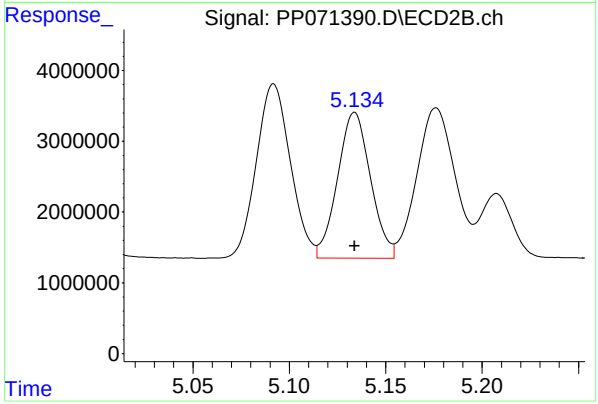
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 30341683
Conc: 741.22 ng/ml



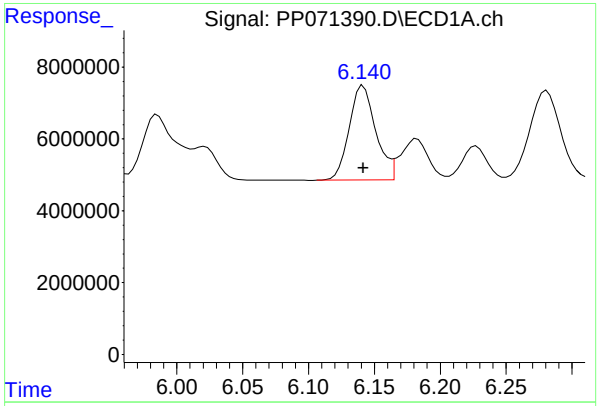
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 39314842
Conc: 753.15 ng/ml



#6 AR-1016-4

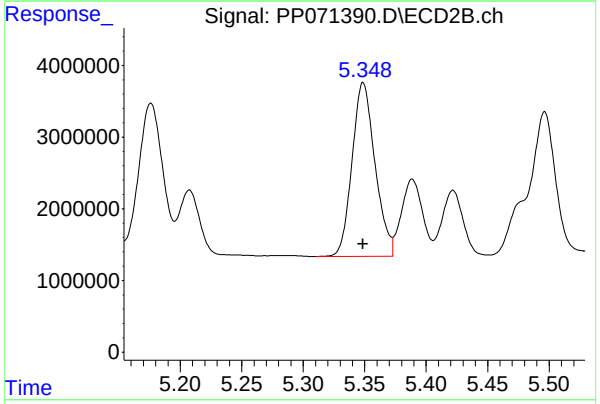
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 24611133
Conc: 737.27 ng/ml



#7 AR-1016-5

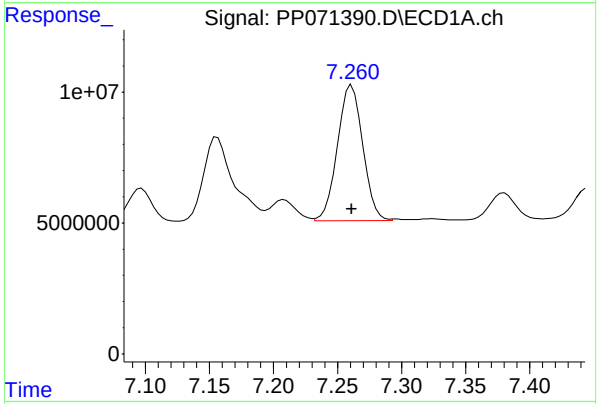
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 37008027
Conc: 751.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



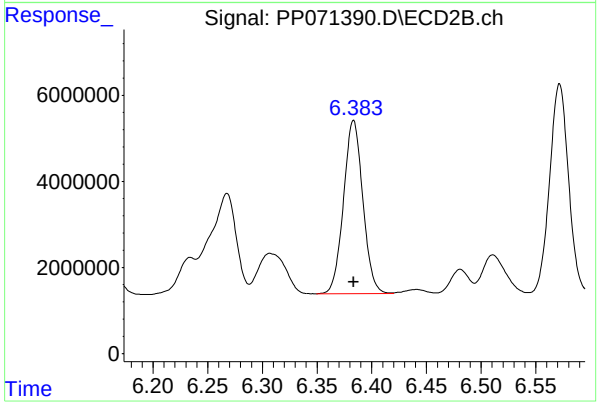
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 31489328
Conc: 742.12 ng/ml



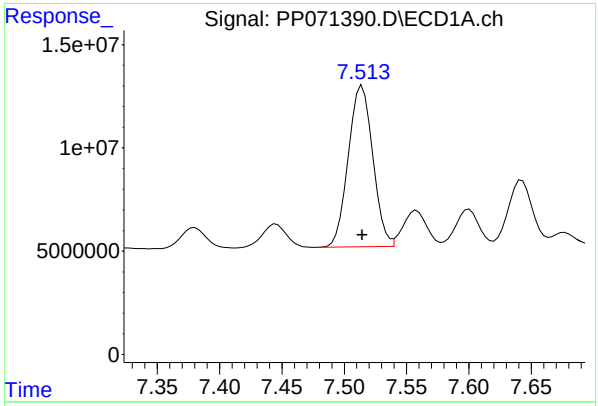
#31 AR-1260-1

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 71143144
Conc: 750.05 ng/ml



#31 AR-1260-1

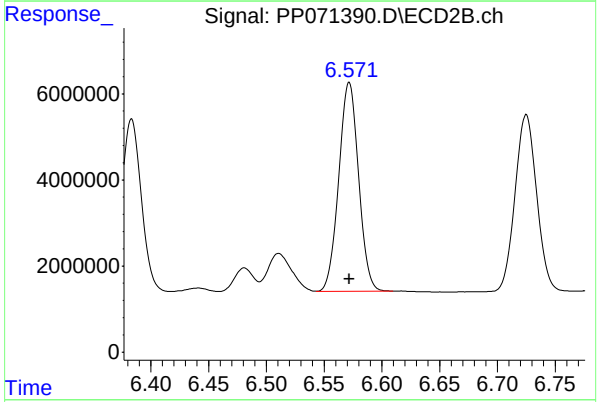
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 49592774
Conc: 732.64 ng/ml



#32 AR-1260-2

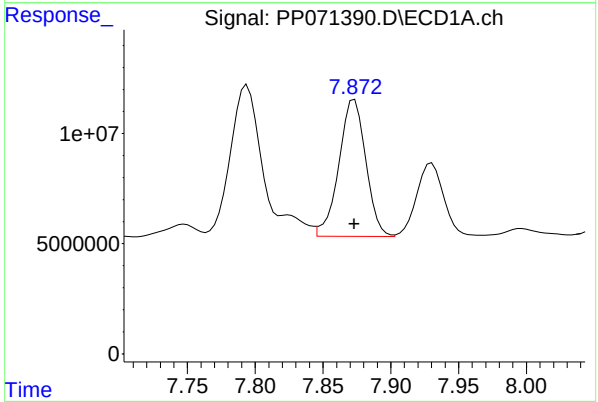
R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 106789808
Conc: 750.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



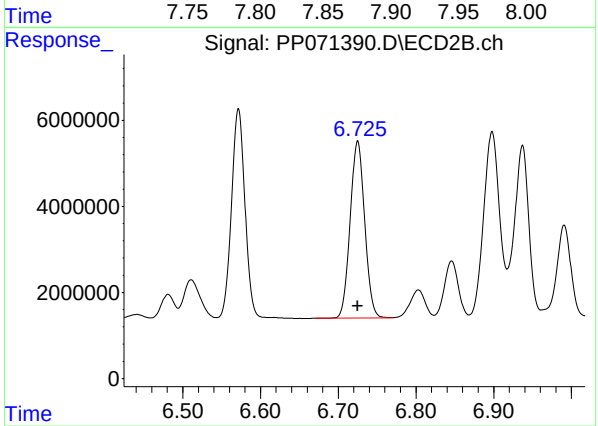
#32 AR-1260-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 58161296
Conc: 712.74 ng/ml



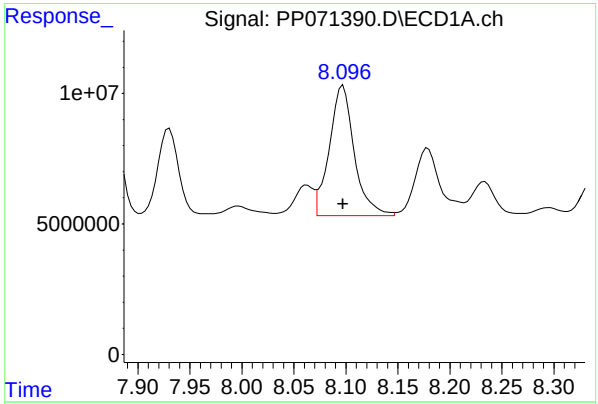
#33 AR-1260-3

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 85834111
Conc: 751.83 ng/ml



#33 AR-1260-3

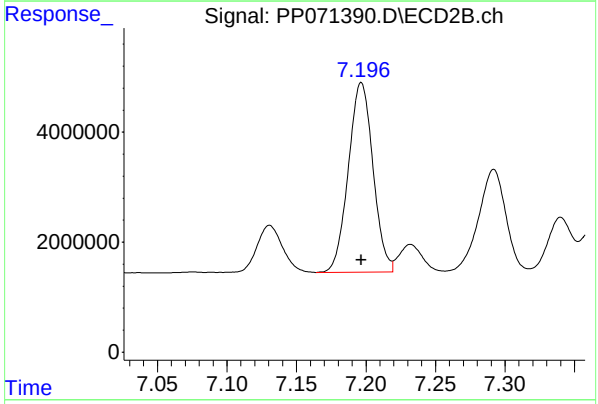
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 53208274
Conc: 710.37 ng/ml



#34 AR-1260-4

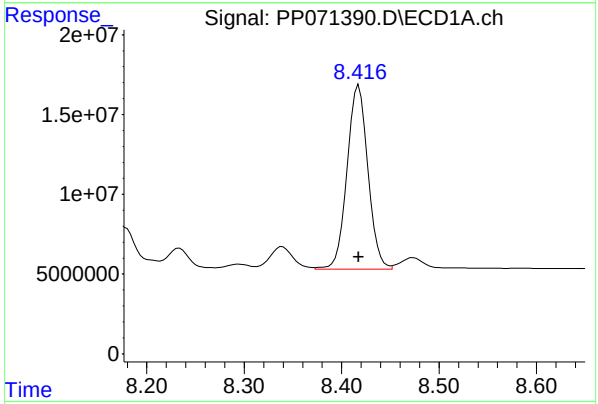
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 83085064
Conc: 760.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



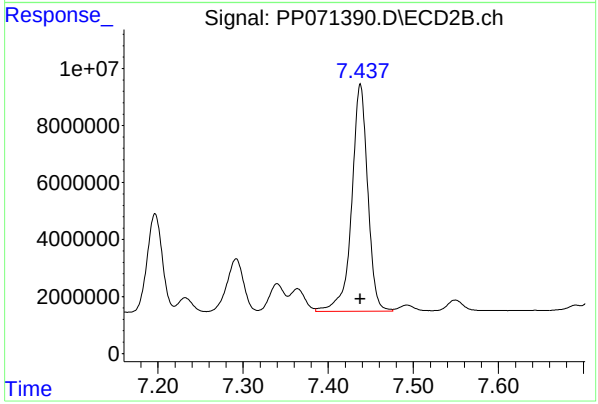
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 42584936
Conc: 711.94 ng/ml



#35 AR-1260-5

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 171802672
Conc: 759.60 ng/ml



#35 AR-1260-5

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 104371182
Conc: 713.55 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:02
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: Apr 22 11:15:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.517	3.812	103.3E6	70755601	50.000	50.000
2) SA	Decachlor...	10.237	8.849	76129158	45115981	50.000	50.000
	Target Compounds						
3) L1	AR-1016-1	5.671	4.898	35041766	26903064	500.000	500.000
4) L1	AR-1016-2	5.693	4.916	53684537	38606872	500.000	500.000
5) L1	AR-1016-3	5.754	5.093	32148154	21915868	500.000	500.000
6) L1	AR-1016-4	5.852	5.136	26809538	18061510	500.000	500.000
7) L1	AR-1016-5	6.145	5.350	25335334	22925304	500.000	500.000
31) L7	AR-1260-1	7.265	6.385	49407493	36863833	500.000	500.000
32) L7	AR-1260-2	7.518	6.573	73749186	44960859	500.000	500.000
33) L7	AR-1260-3	7.877	6.727	58851402	40849117	500.000	500.000
34) L7	AR-1260-4	8.102	7.198	55605534	32665875	500.000	500.000
35) L7	AR-1260-5	8.422	7.439	114.5E6	77921339	500.000	500.000

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

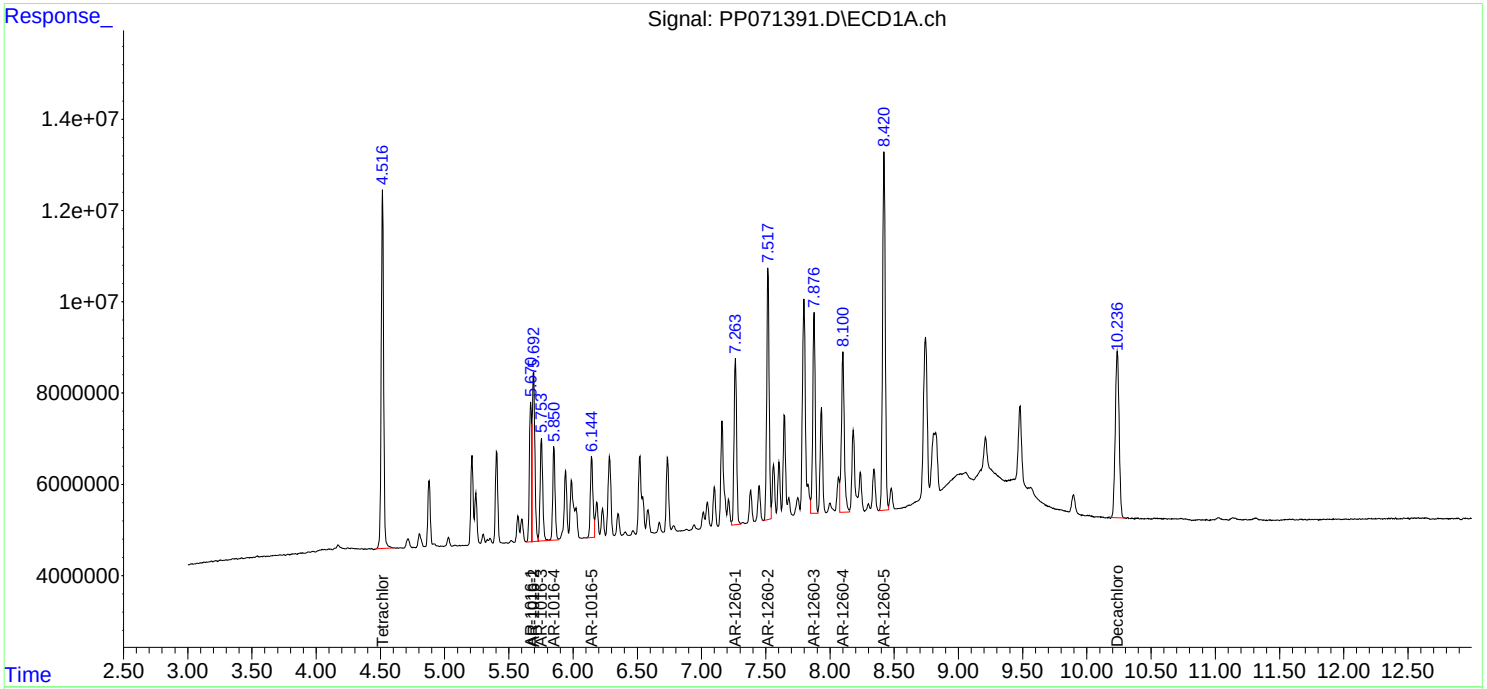
ICAL Form

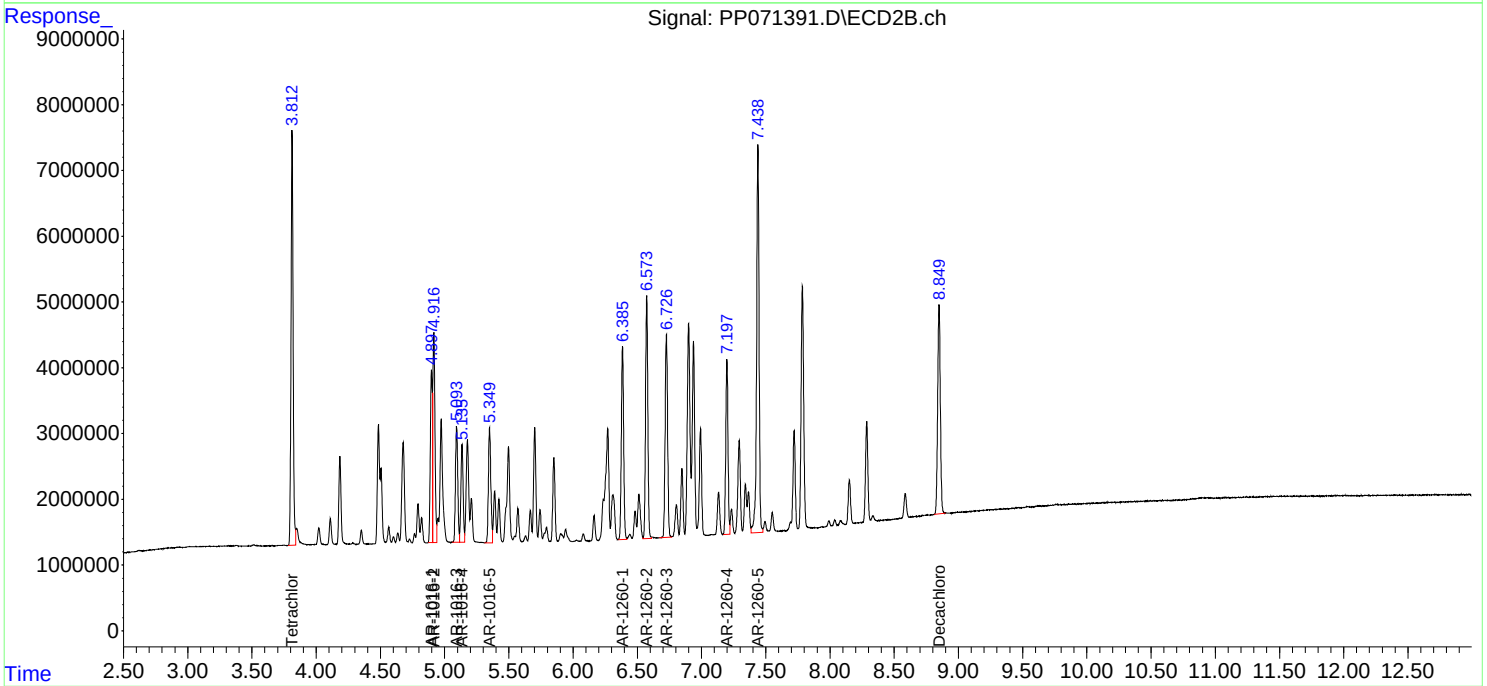
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:02
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

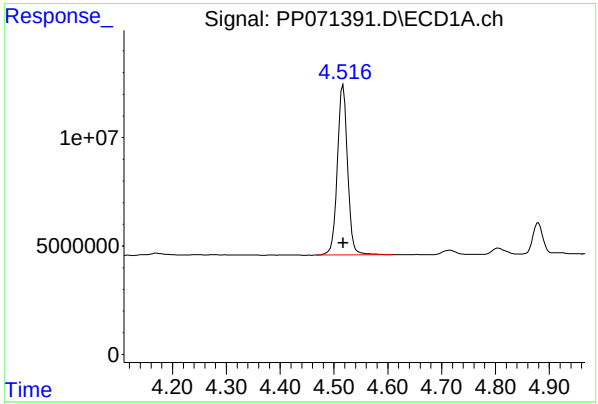
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:15:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



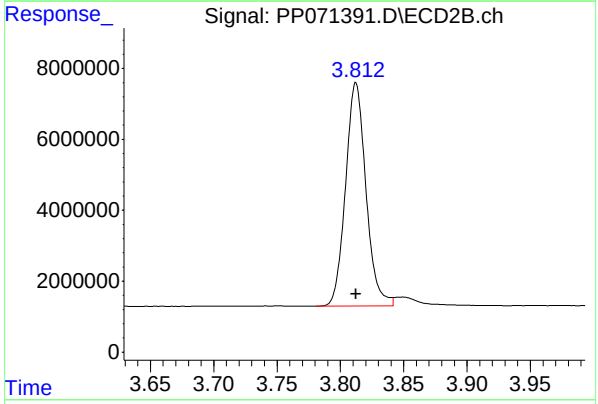




#1 Tetrachloro-m-xylene

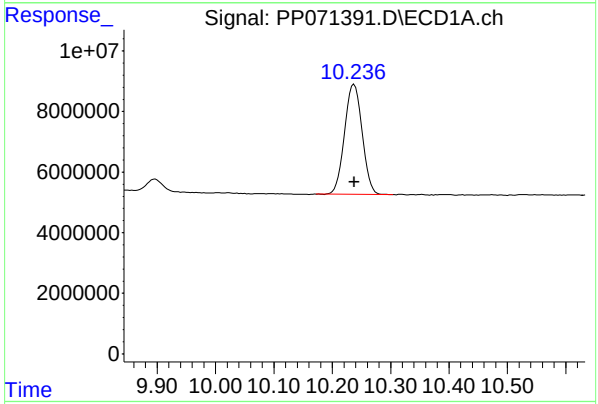
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 103330184
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



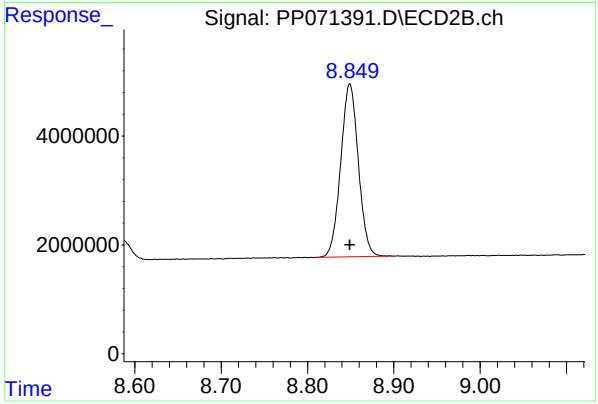
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 70755601
Conc: 50.00 ng/ml



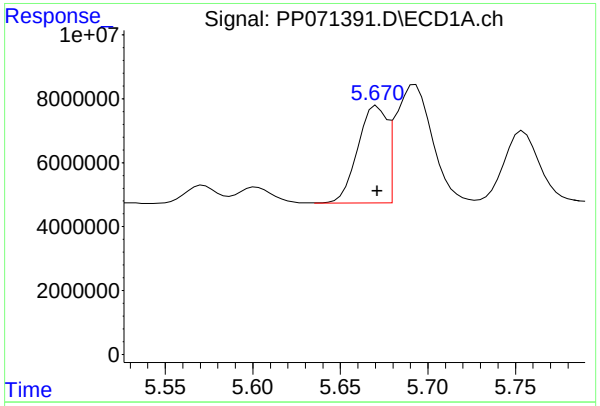
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 76129158
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

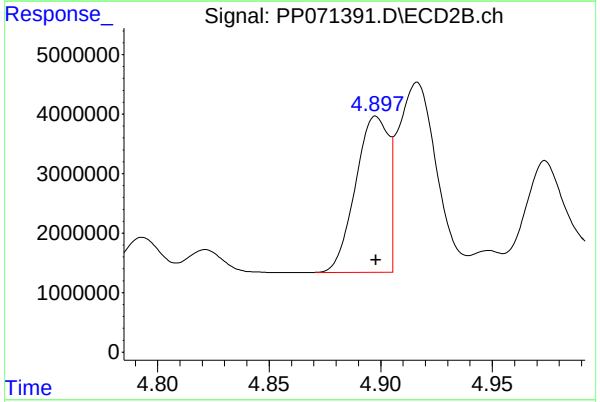
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 45115981
Conc: 50.00 ng/ml



#3 AR-1016-1

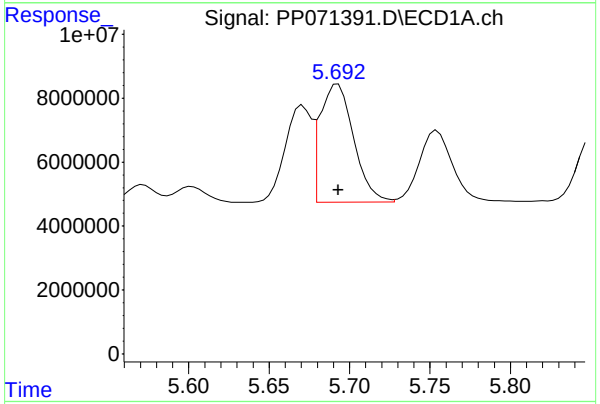
R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 35041766
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



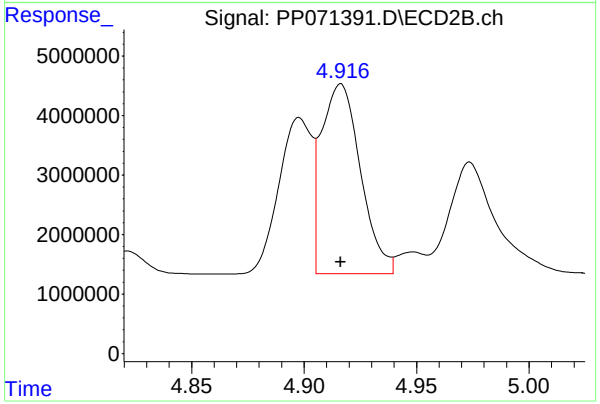
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 26903064
Conc: 500.00 ng/ml



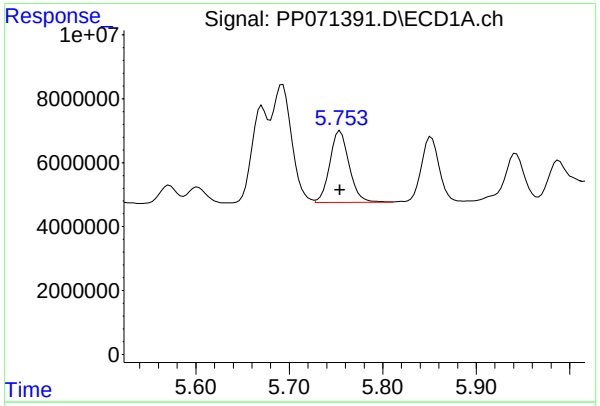
#4 AR-1016-2

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 53684537
Conc: 500.00 ng/ml



#4 AR-1016-2

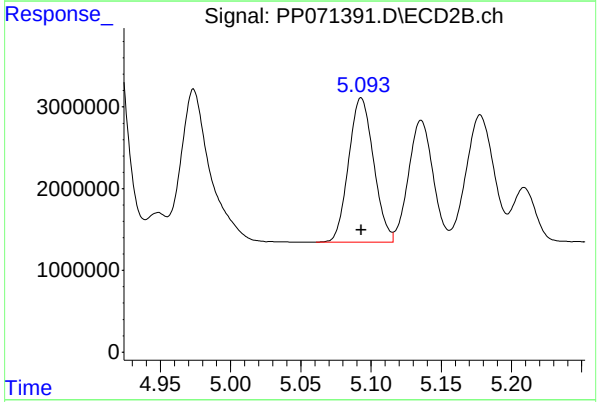
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 38606872
Conc: 500.00 ng/ml



#5 AR-1016-3

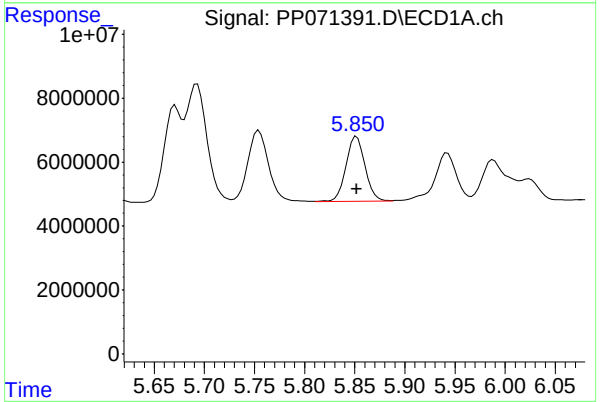
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 32148154
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



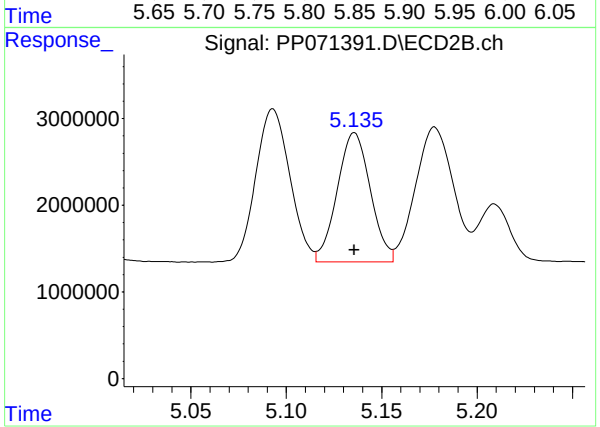
#5 AR-1016-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 21915868
Conc: 500.00 ng/ml



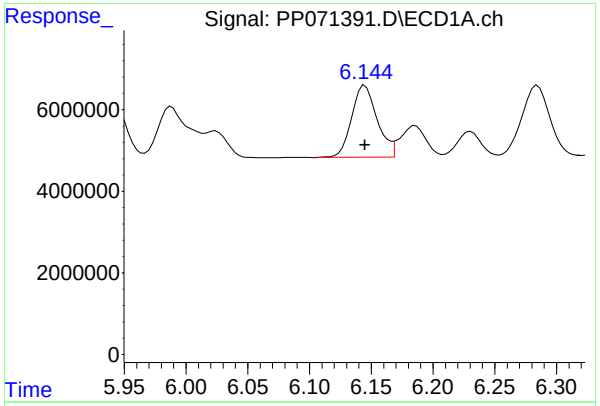
#6 AR-1016-4

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 26809538
Conc: 500.00 ng/ml



#6 AR-1016-4

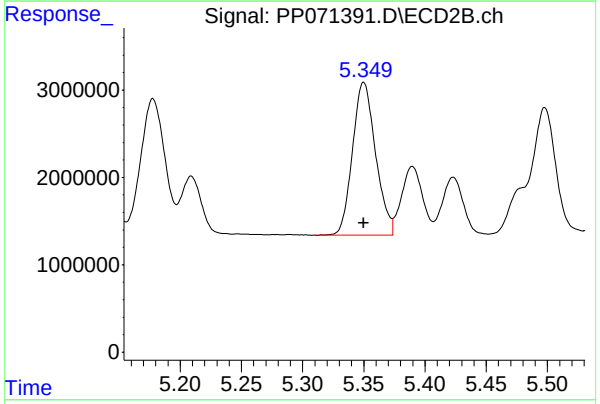
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 18061510
Conc: 500.00 ng/ml



#7 AR-1016-5

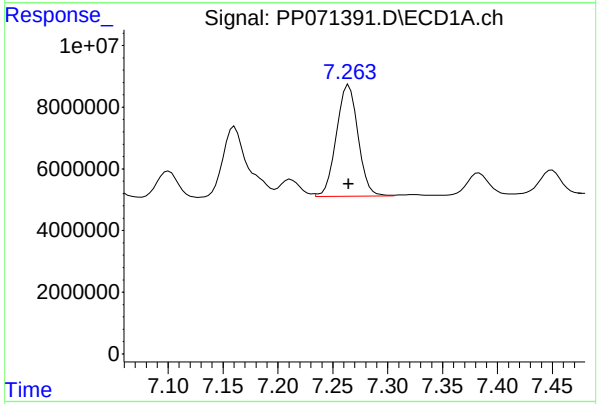
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 25335334
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



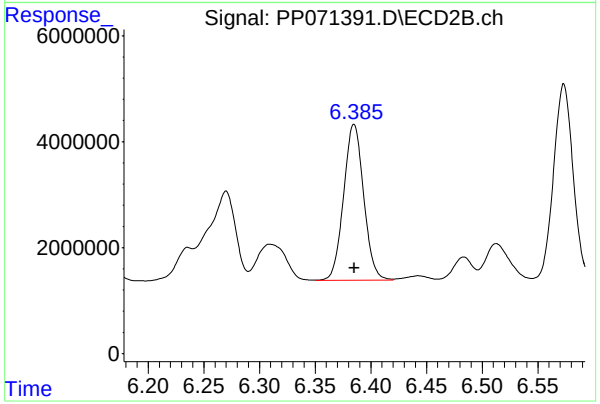
#7 AR-1016-5

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 22925304
Conc: 500.00 ng/ml



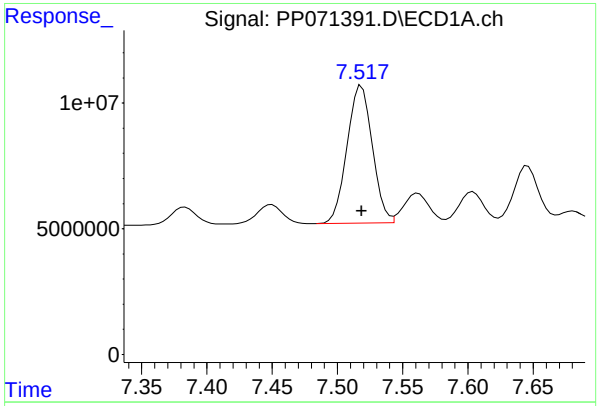
#31 AR-1260-1

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 49407493
Conc: 500.00 ng/ml



#31 AR-1260-1

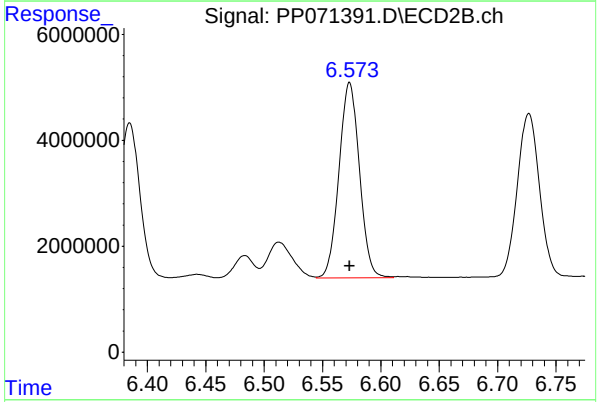
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 36863833
Conc: 500.00 ng/ml



#32 AR-1260-2

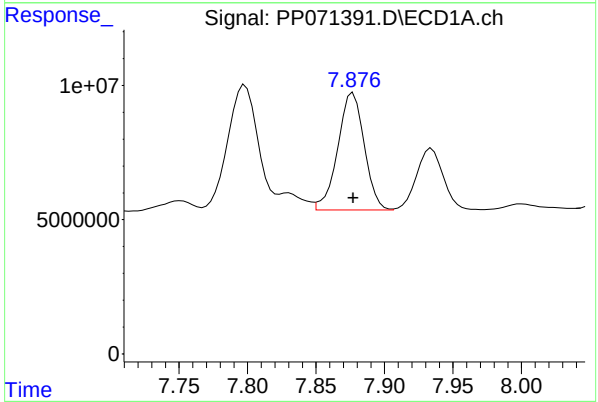
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 73749186
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



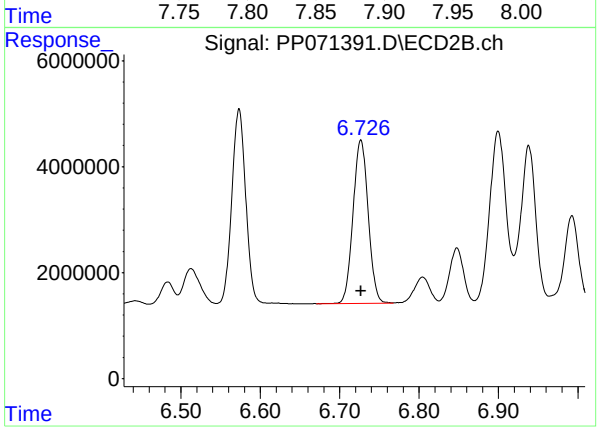
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 44960859
Conc: 500.00 ng/ml



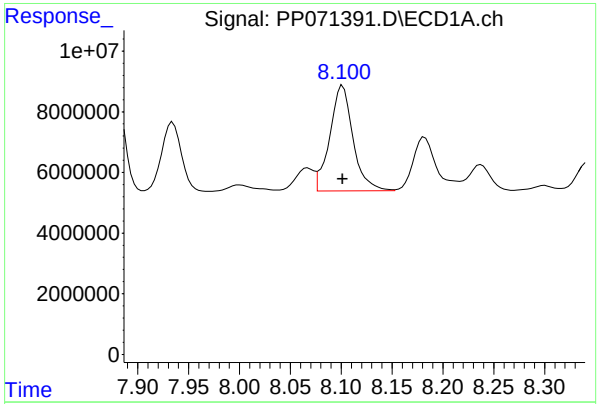
#33 AR-1260-3

R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 58851402
Conc: 500.00 ng/ml



#33 AR-1260-3

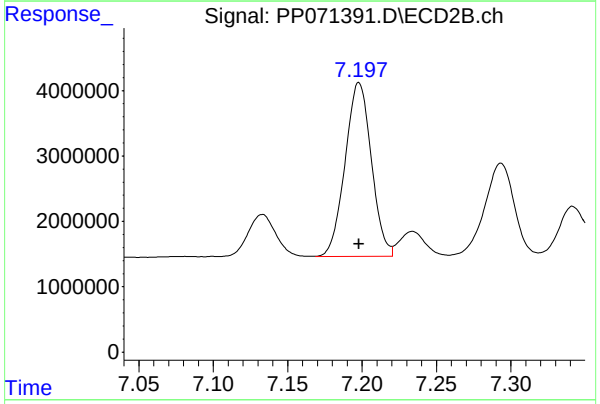
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 40849117
Conc: 500.00 ng/ml



#34 AR-1260-4

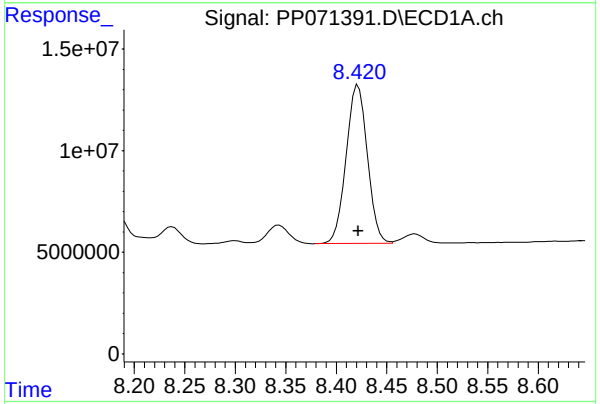
R.T.: 8.102 min
Delta R.T.: 0.000 min
Response: 55605534
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



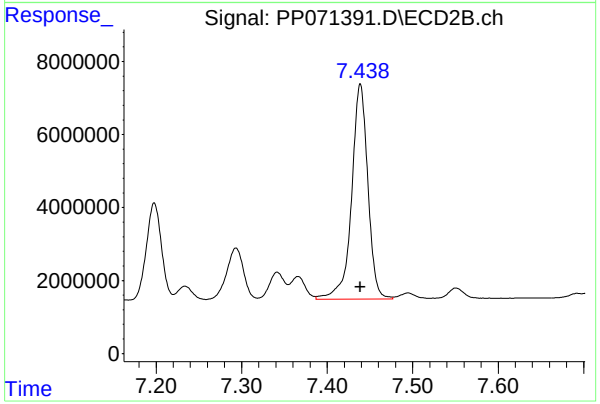
#34 AR-1260-4

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 32665875
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 114459839
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 77921339
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:18
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:30:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:29:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.514	3.813	52508817	36208541	25.869	25.761
2) SA	Decachlor...	10.233	8.850	38498712	23374964	25.928	26.384
	Target Compounds						
3) L1	AR-1016-1	5.668	4.899	17782164	14045149	259.997	270.720
4) L1	AR-1016-2	5.689	4.917	27203473	19630231	260.616	263.876
5) L1	AR-1016-3	5.752	5.094	16462482	11270654	261.124	268.530
6) L1	AR-1016-4	5.849	5.136	13735357	9273773	259.716	270.294
7) L1	AR-1016-5	6.142	5.351	12722141	11586437	256.138	266.906
31) L7	AR-1260-1	7.261	6.386	24914936	19087592	259.387	273.244
32) L7	AR-1260-2	7.515	6.574	37471925	22873239	259.800	272.056
33) L7	AR-1260-3	7.873	6.727	31628881	19836001	269.748	260.958
34) L7	AR-1260-4	8.098	7.199	32815153	17020763	286.081	275.052
35) L7	AR-1260-5	8.417	7.441	63777045	39378070	273.242	264.138

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

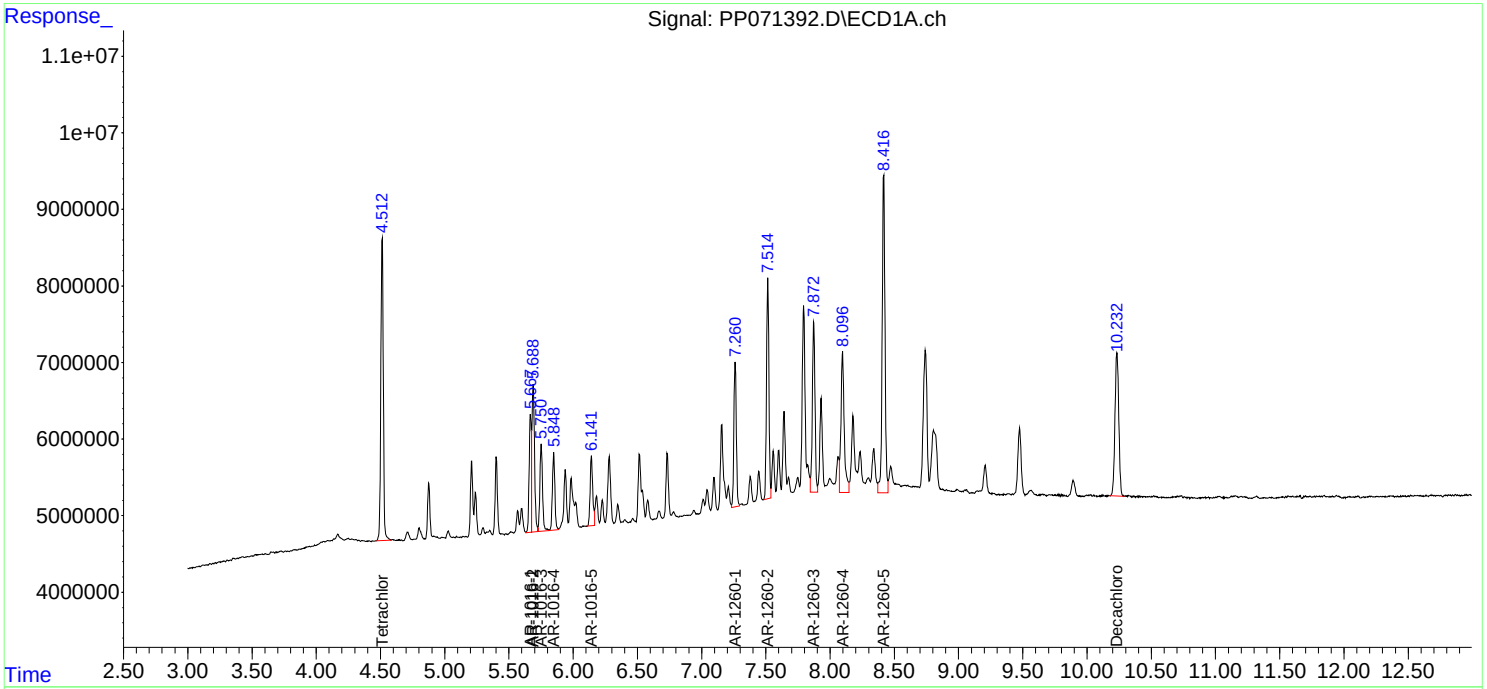
ICAL Form

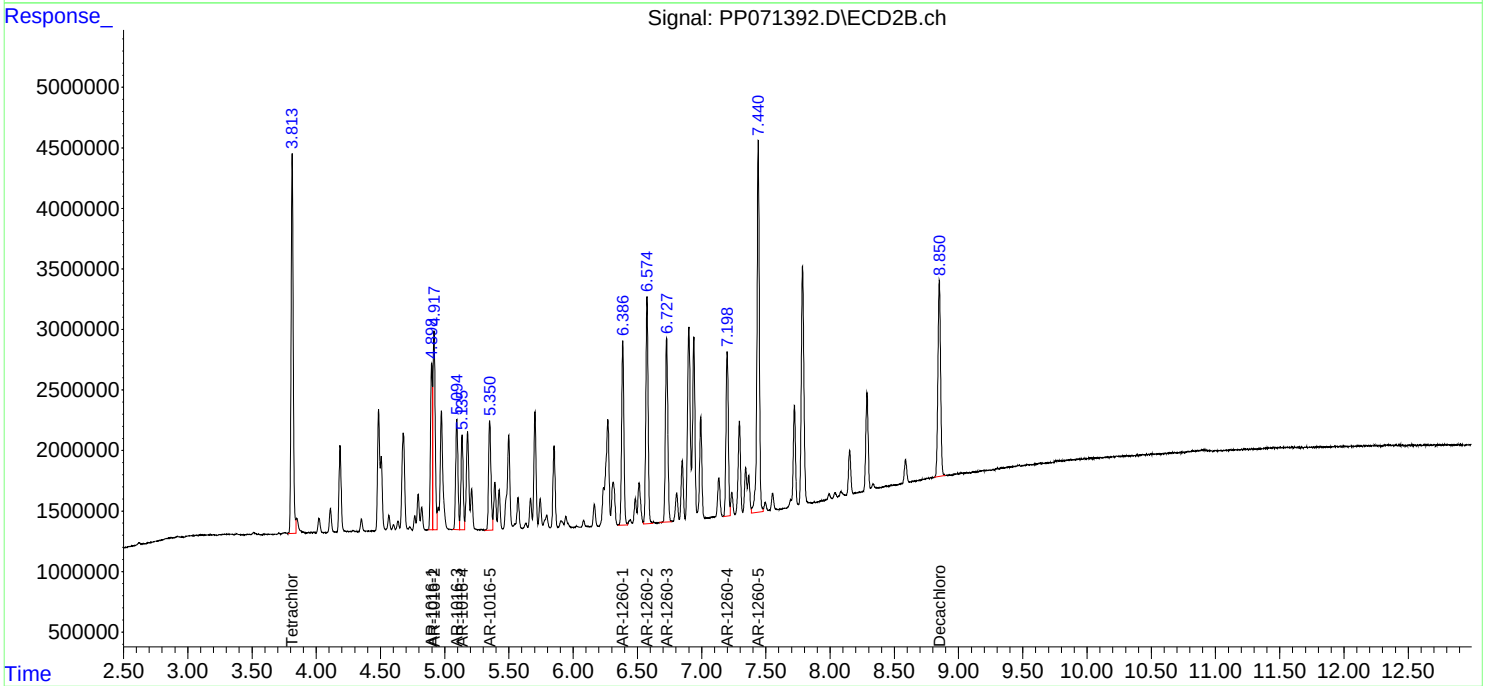
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:18
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

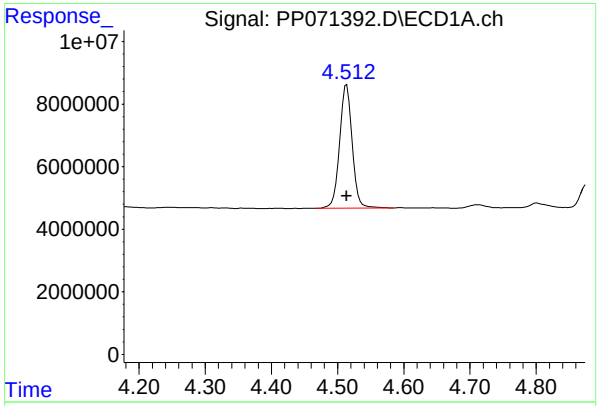
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:30:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:29:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



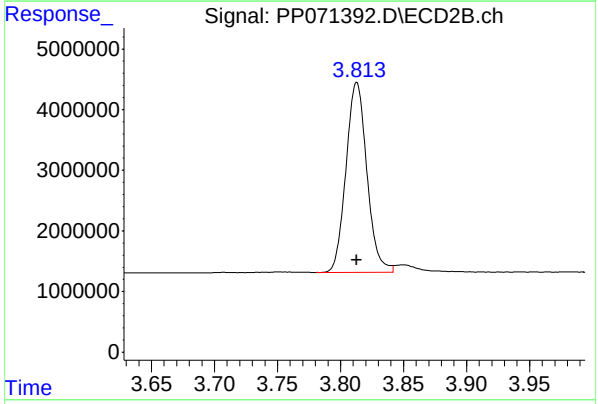




#1 Tetrachloro-m-xylene

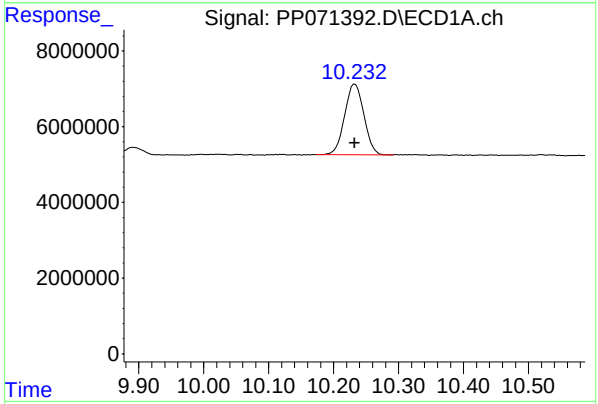
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 52508817
Conc: 25.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



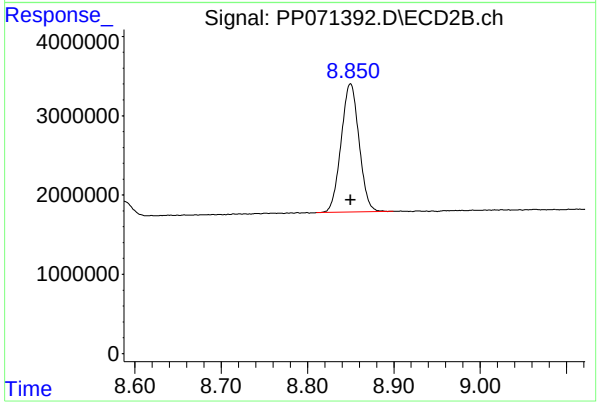
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 36208541
Conc: 25.76 ng/ml



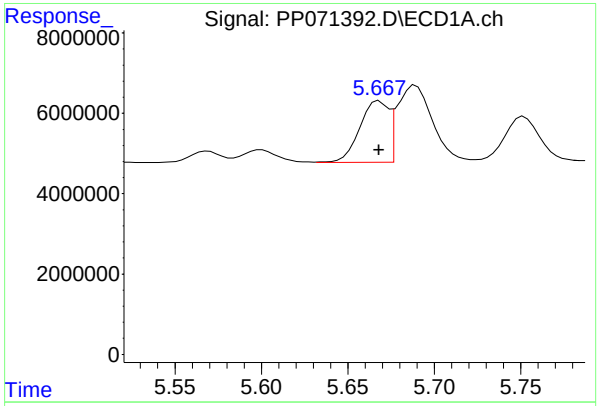
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 38498712
Conc: 25.93 ng/ml



#2 Decachlorobiphenyl

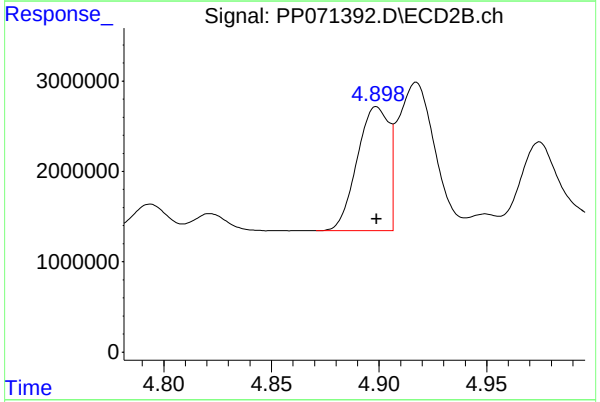
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 23374964
Conc: 26.38 ng/ml



#3 AR-1016-1

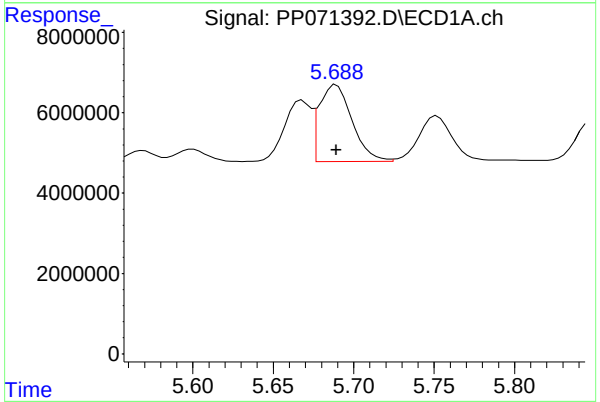
R.T.: 5.668 min
Delta R.T.: 0.000 mi
Response: 17782164
Conc: 260.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



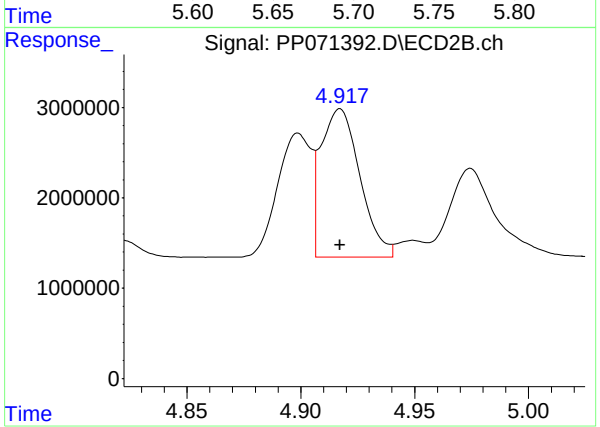
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 14045149
Conc: 270.72 ng/ml



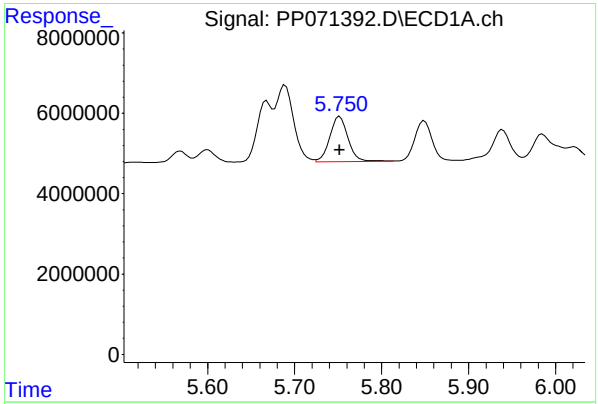
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 27203473
Conc: 260.62 ng/ml



#4 AR-1016-2

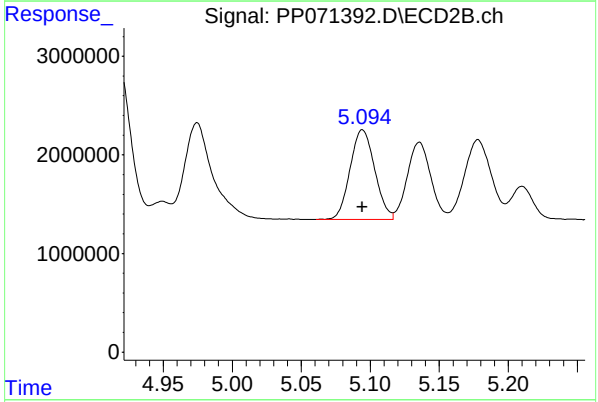
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 19630231
Conc: 263.88 ng/ml



#5 AR-1016-3

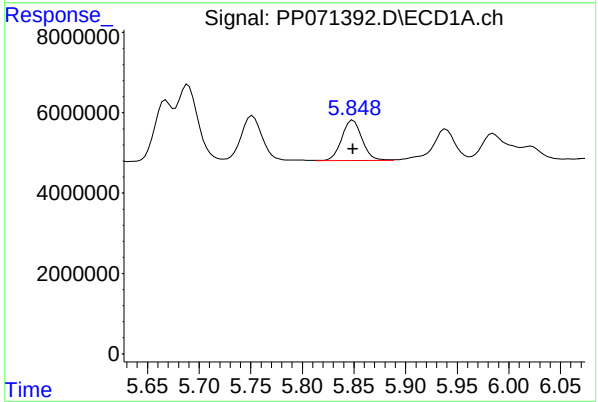
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 16462482
Conc: 261.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



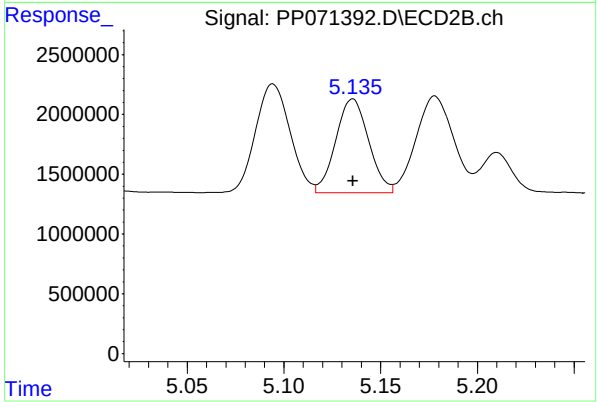
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 11270654
Conc: 268.53 ng/ml



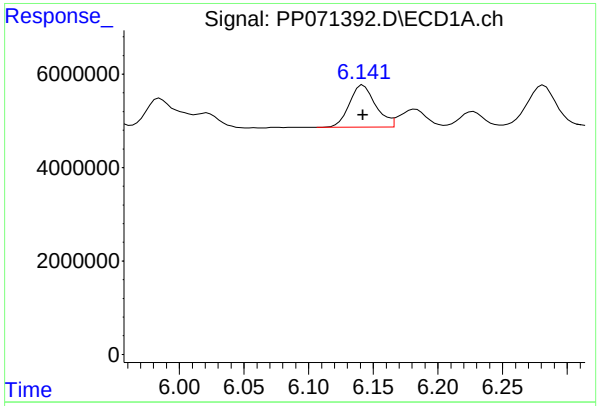
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 13735357
Conc: 259.72 ng/ml



#6 AR-1016-4

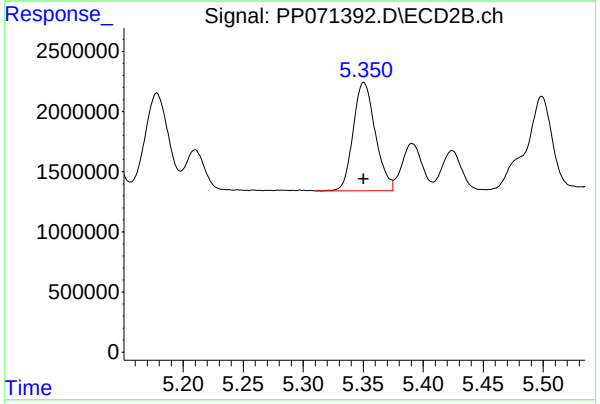
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 9273773
Conc: 270.29 ng/ml



#7 AR-1016-5

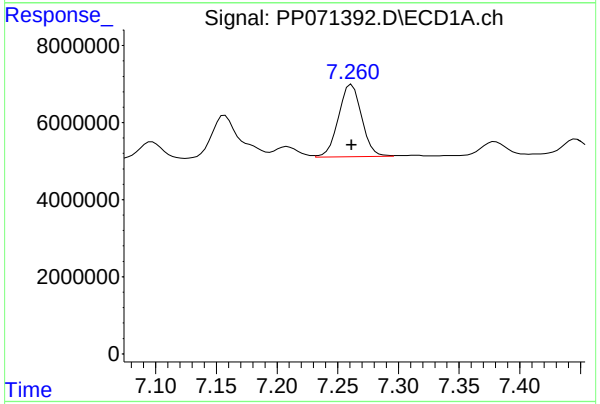
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 12722141
Conc: 256.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



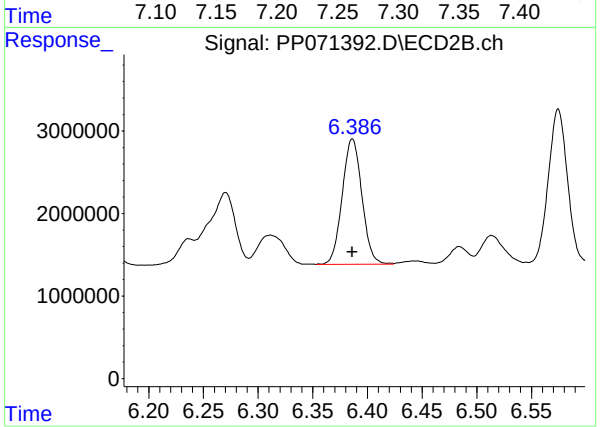
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 11586437
Conc: 266.91 ng/ml



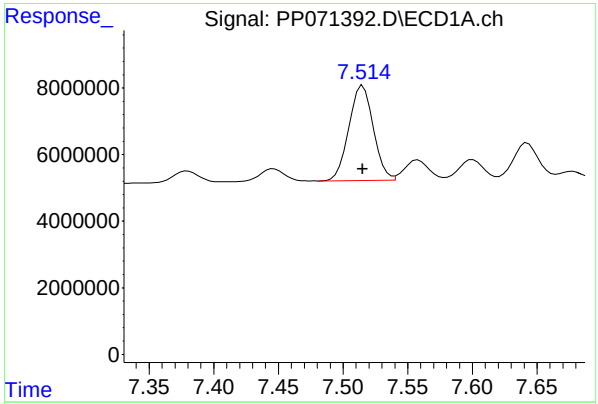
#31 AR-1260-1

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 24914936
Conc: 259.39 ng/ml



#31 AR-1260-1

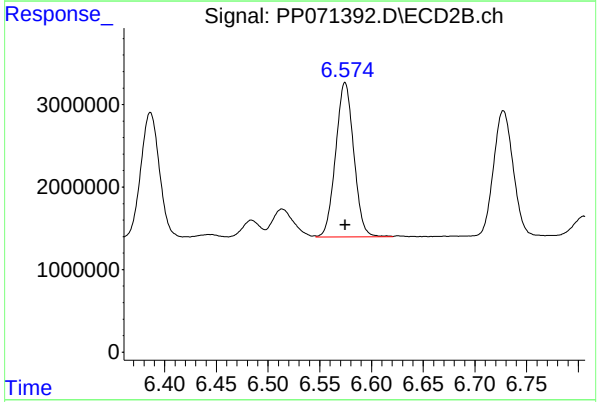
R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 19087592
Conc: 273.24 ng/ml



#32 AR-1260-2

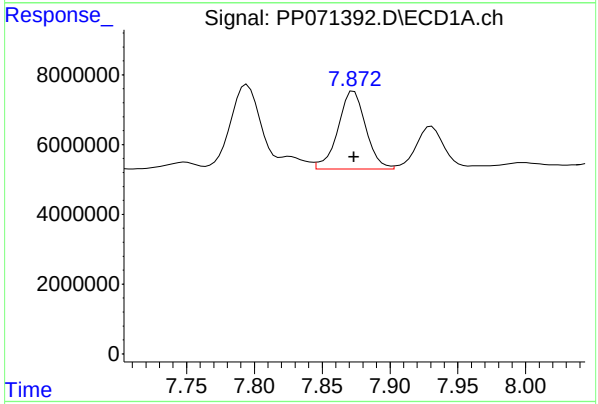
R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 37471925
Conc: 259.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



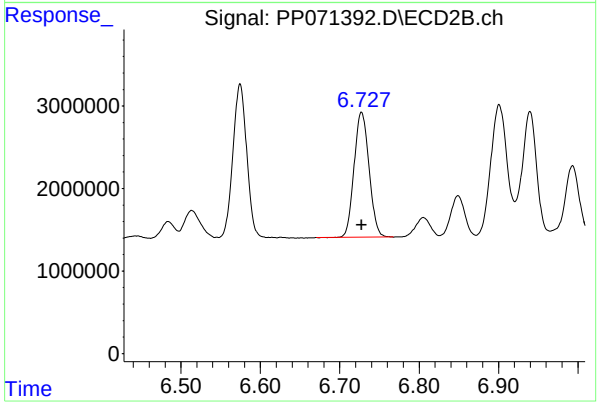
#32 AR-1260-2

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 22873239
Conc: 272.06 ng/ml



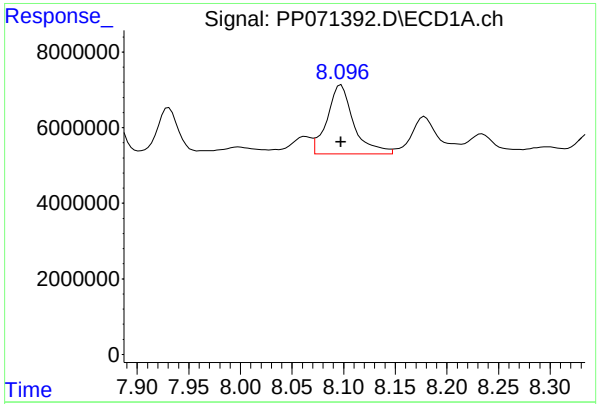
#33 AR-1260-3

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 31628881
Conc: 269.75 ng/ml



#33 AR-1260-3

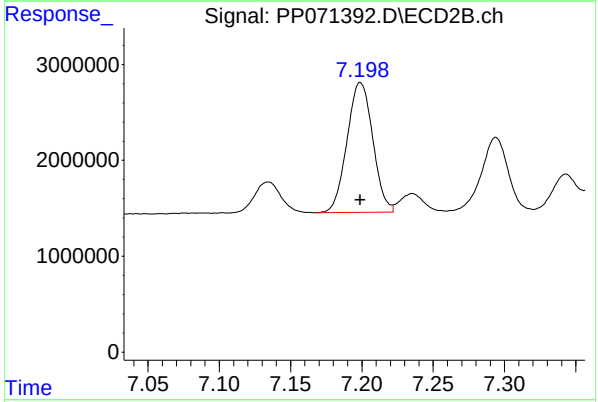
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 19836001
Conc: 260.96 ng/ml



#34 AR-1260-4

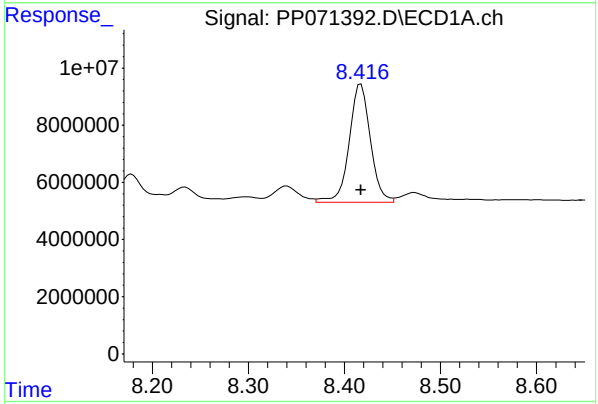
R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 32815153
Conc: 286.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



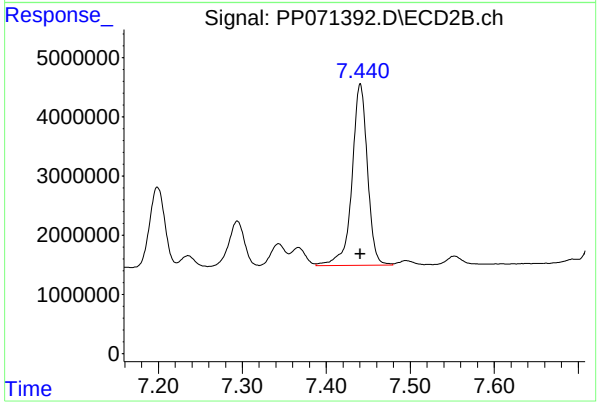
#34 AR-1260-4

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 17020763
Conc: 275.05 ng/ml



#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 63777045
Conc: 273.24 ng/ml



#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: 0.000 min
Response: 39378070
Conc: 264.14 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:34
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:47:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:46:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.515	3.812	8969831	7104871	4.524	5.044
2) SA	Decachlor...	10.235	8.850	6503503	4207302	4.491	4.797
	Target Compounds						
3) L1	AR-1016-1	5.669	4.898	3083717	3007251	45.991	56.175
4) L1	AR-1016-2	5.691	4.916	4780792	4212537	46.584	55.164
5) L1	AR-1016-3	5.753	5.094	2802822	2158254	45.466	51.131
6) L1	AR-1016-4	5.851	5.135	2247335	1759505	43.809	51.021
7) L1	AR-1016-5	6.144	5.349	2125784	2429782	44.068	54.667
31) L7	AR-1260-1	7.262	6.384	4795547	4103726	49.941	56.760
32) L7	AR-1260-2	7.516	6.573	6922549	5050265	48.383	57.743
33) L7	AR-1260-3	7.875	6.726	4575293	4394430	40.810m	56.060 #
34) L7	AR-1260-4	8.098	7.197	5275083	3401257	46.807m	53.894
35) L7	AR-1260-5	8.417	7.439	9961562	7878032	43.897m	52.249

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:34
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

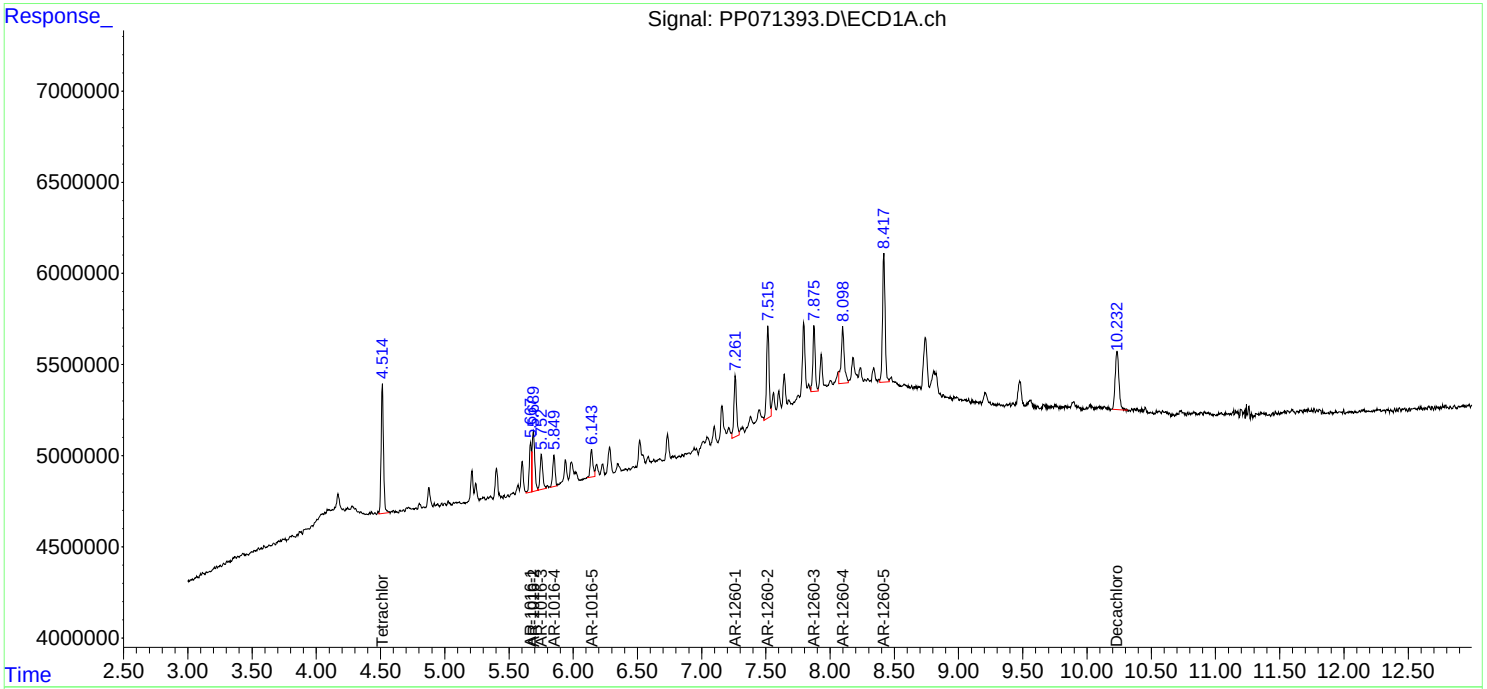
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

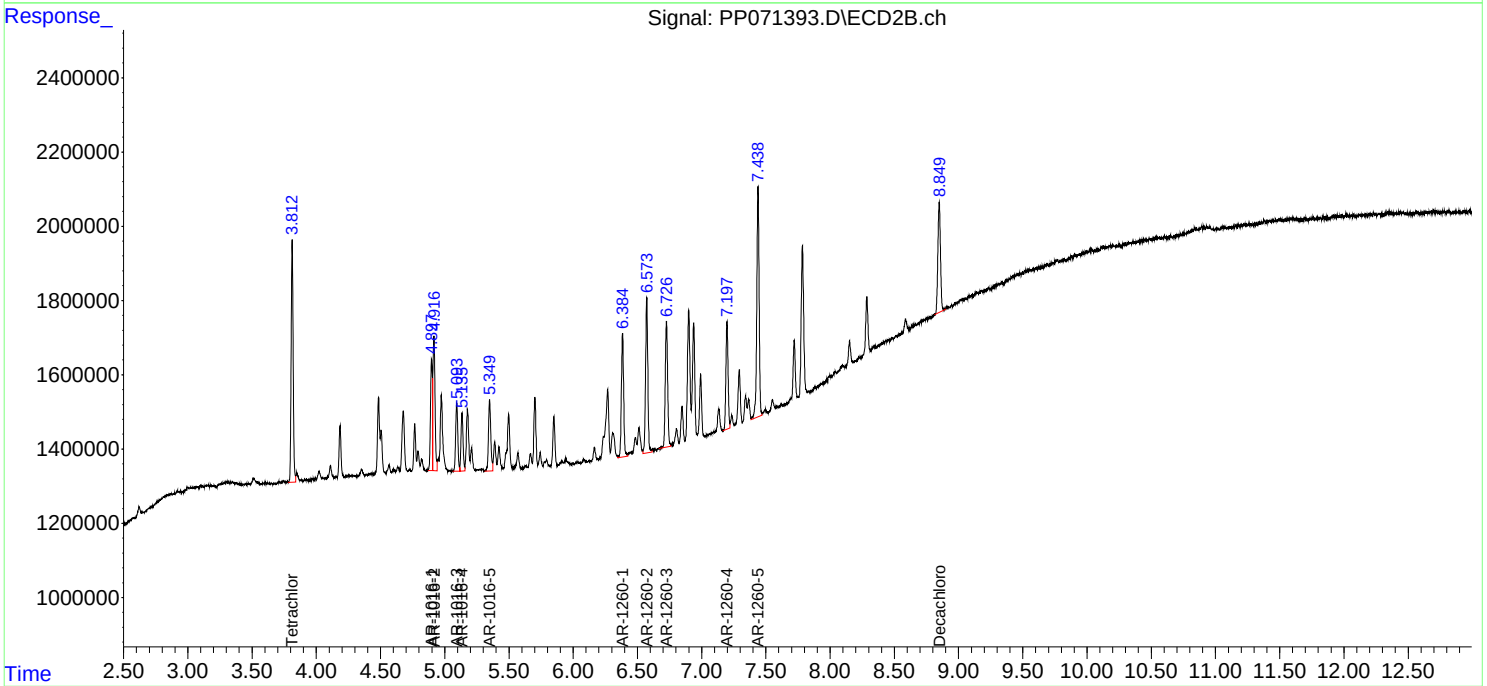
Manual Integrations APPROVED

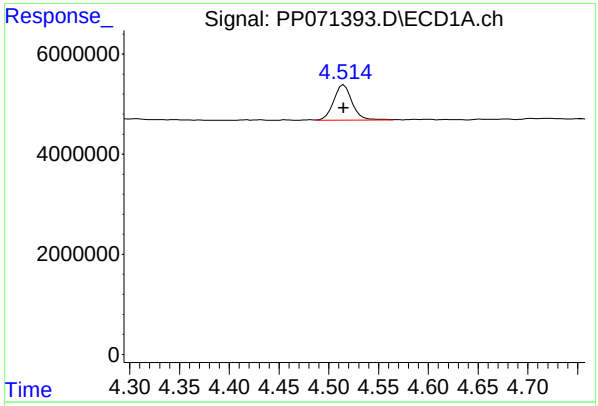
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 11:47:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 11:46:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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







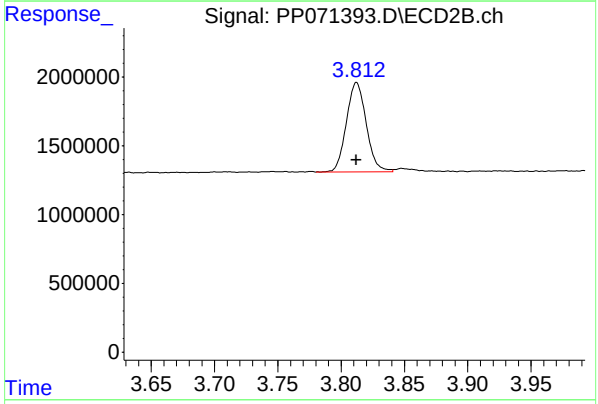
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 8969831
Conc: 4.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

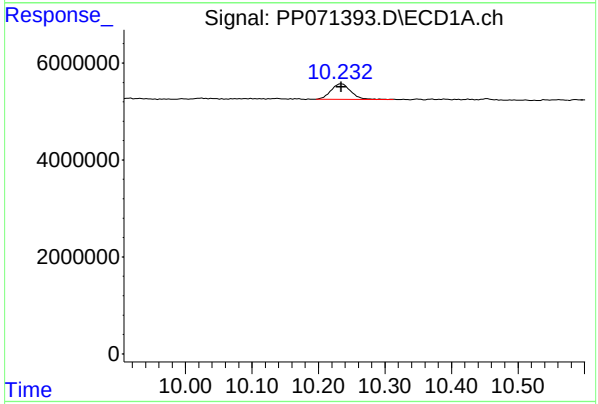
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



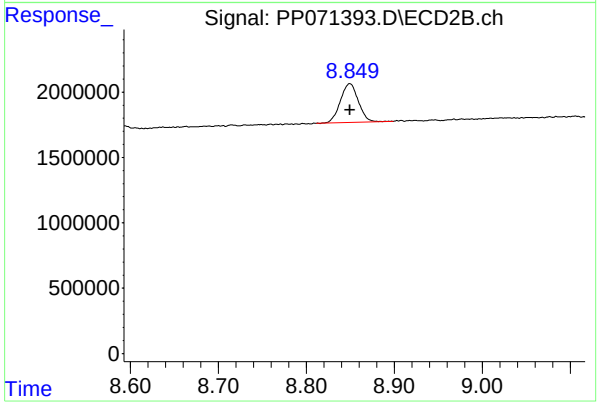
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 7104871
Conc: 5.04 ng/ml



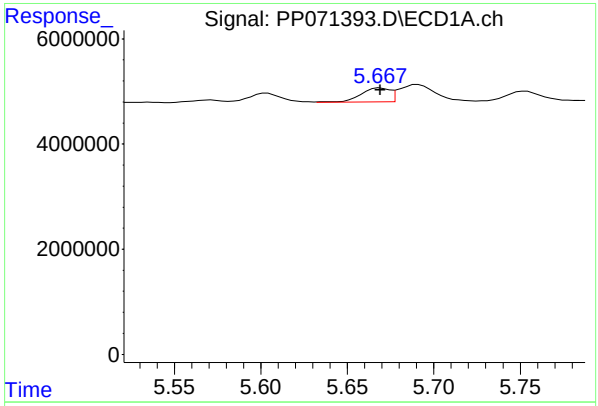
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 6503503
Conc: 4.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4207302
Conc: 4.80 ng/ml



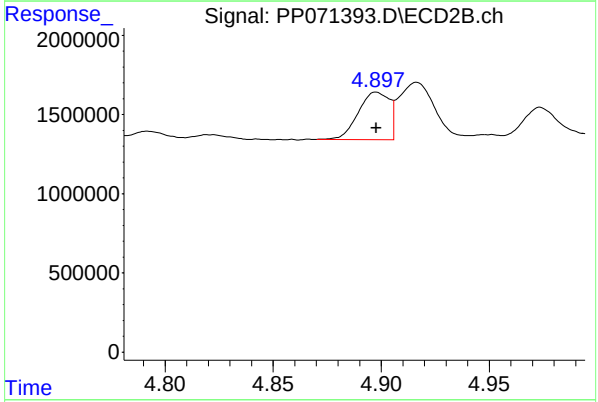
#3 AR-1016-1

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 3083717
Conc: 45.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

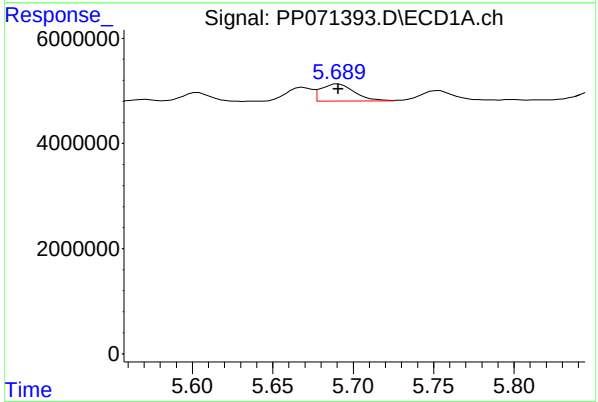
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



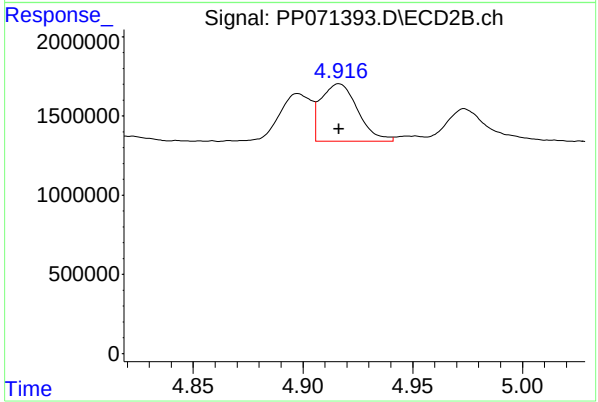
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 3007251
Conc: 56.18 ng/ml



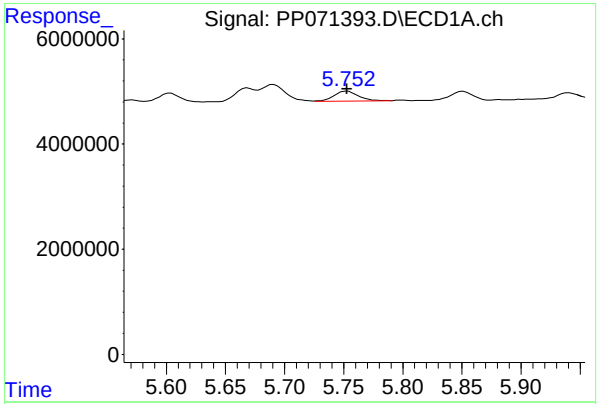
#4 AR-1016-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 4780792
Conc: 46.58 ng/ml



#4 AR-1016-2

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 4212537
Conc: 55.16 ng/ml



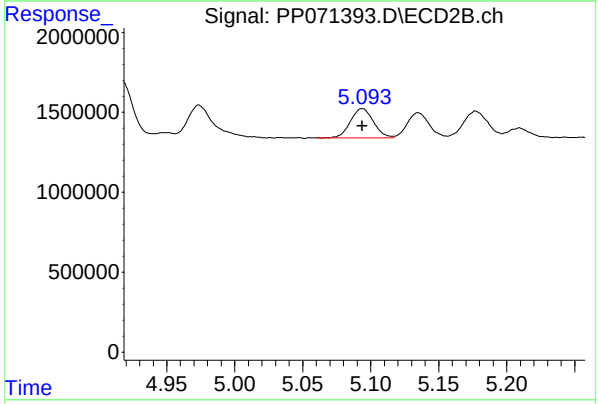
#5 AR-1016-3

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 2802822
Conc: 45.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

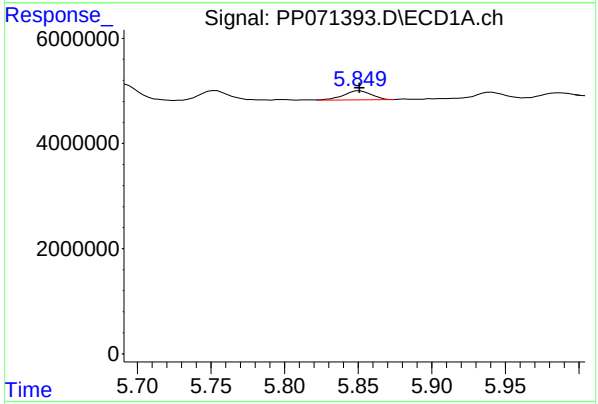
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



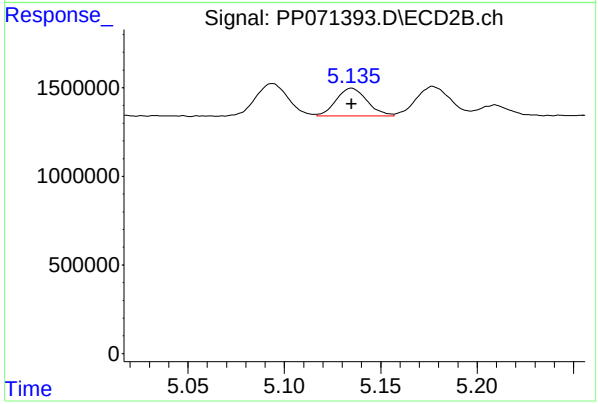
#5 AR-1016-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 2158254
Conc: 51.13 ng/ml



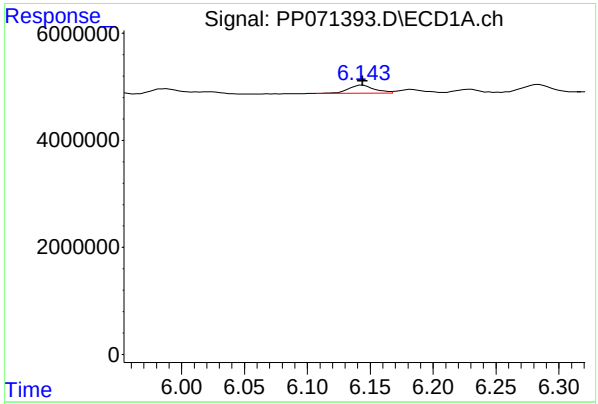
#6 AR-1016-4

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 2247335
Conc: 43.81 ng/ml



#6 AR-1016-4

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 1759505
Conc: 51.02 ng/ml



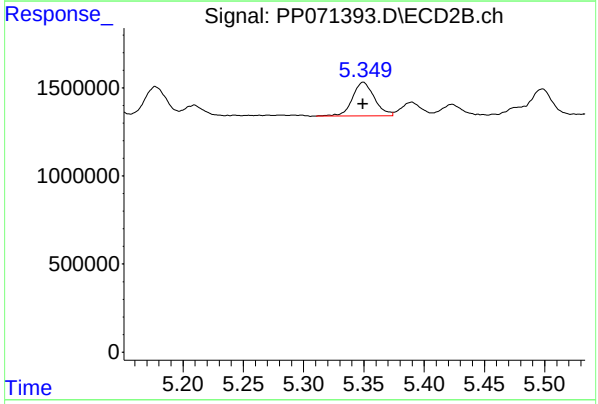
#7 AR-1016-5

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 2125784
Conc: 44.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

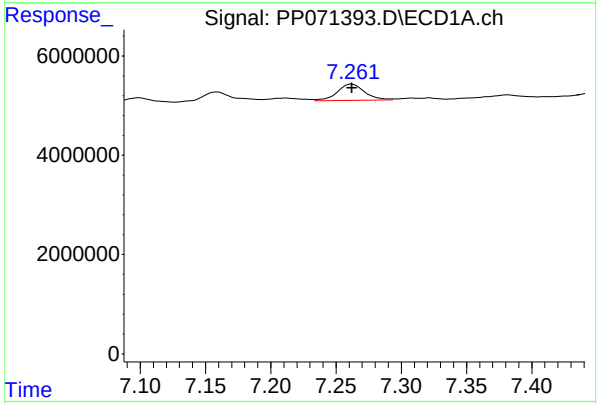
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



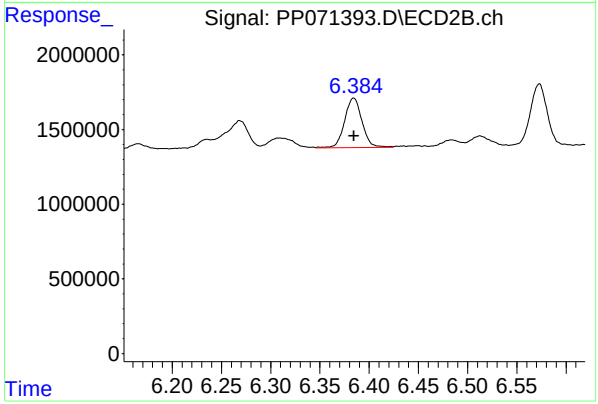
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 2429782
Conc: 54.67 ng/ml



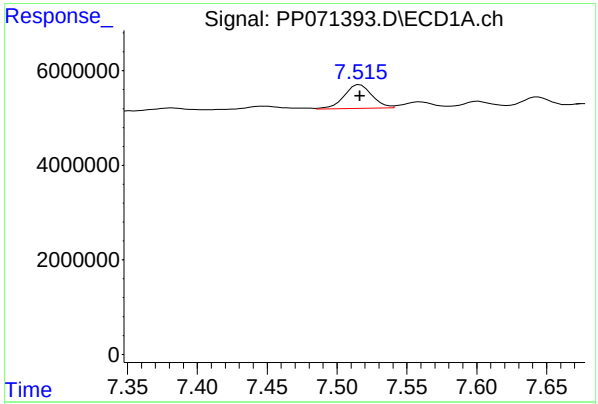
#31 AR-1260-1

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 4795547
Conc: 49.94 ng/ml



#31 AR-1260-1

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 4103726
Conc: 56.76 ng/ml



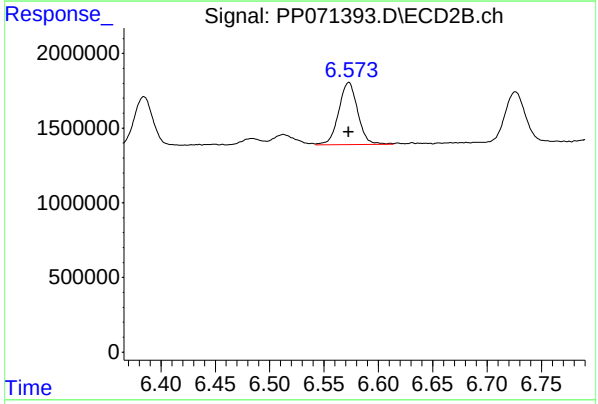
#32 AR-1260-2

R.T.: 7.516 min
Delta R.T.: 0.000 mi
Response: 6922549
Conc: 48.38 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

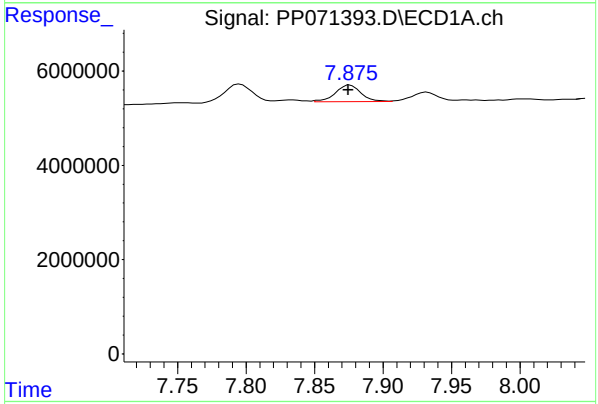
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



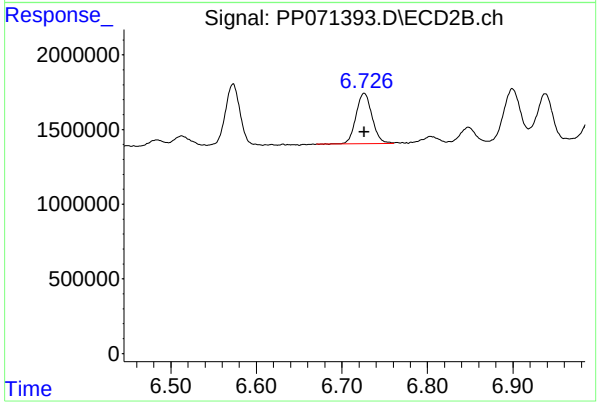
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 5050265
Conc: 57.74 ng/ml



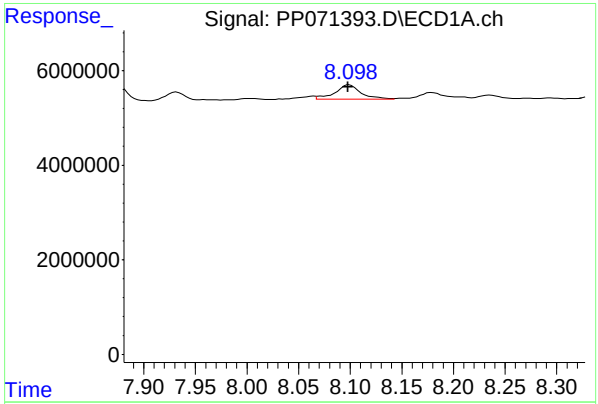
#33 AR-1260-3

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 4575293
Conc: 40.81 ng/ml m



#33 AR-1260-3

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 4394430
Conc: 56.06 ng/ml



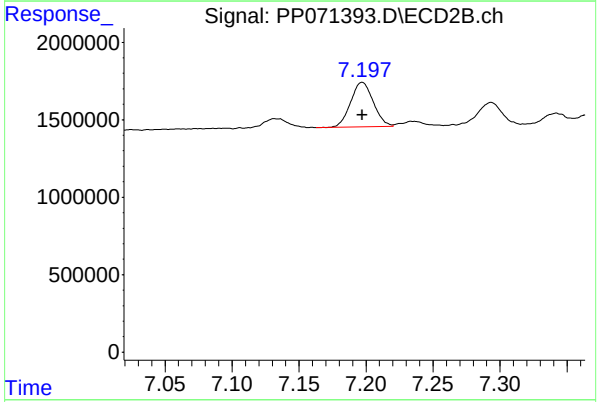
#34 AR-1260-4

R.T.: 8.098 min
Delta R.T.: 0.000 mi
Response: 5275083
Conc: 46.81 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

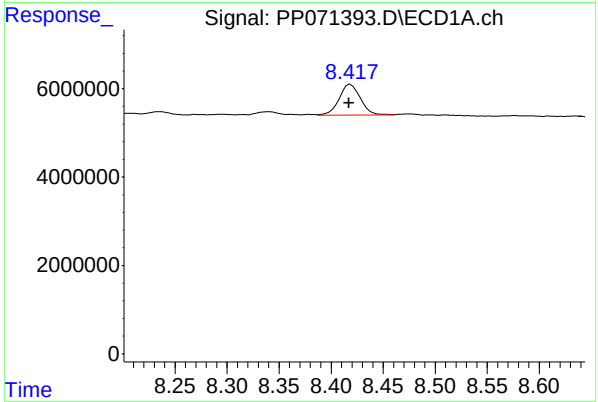
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



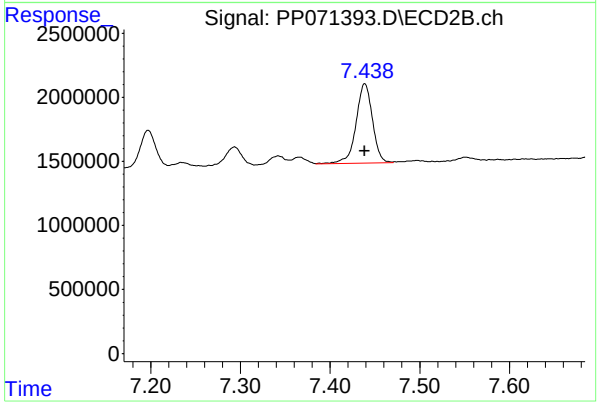
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 3401257
Conc: 53.89 ng/ml



#35 AR-1260-5

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 9961562
Conc: 43.90 ng/ml m



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 7878032
Conc: 52.25 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:51
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: Apr 22 12:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.812	102.0E6	70886063	50.000	50.000
2)	SA Decachlor...	10.233	8.849	73129811	43684216	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.715	4.022	12058427	10997465	500.000	500.000
9)	L2 AR-1221-2	4.800	4.109	9008471	8280856	500.000	500.000
10)	L2 AR-1221-3	4.876	4.185	28305615	24238496	500.000	500.000

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

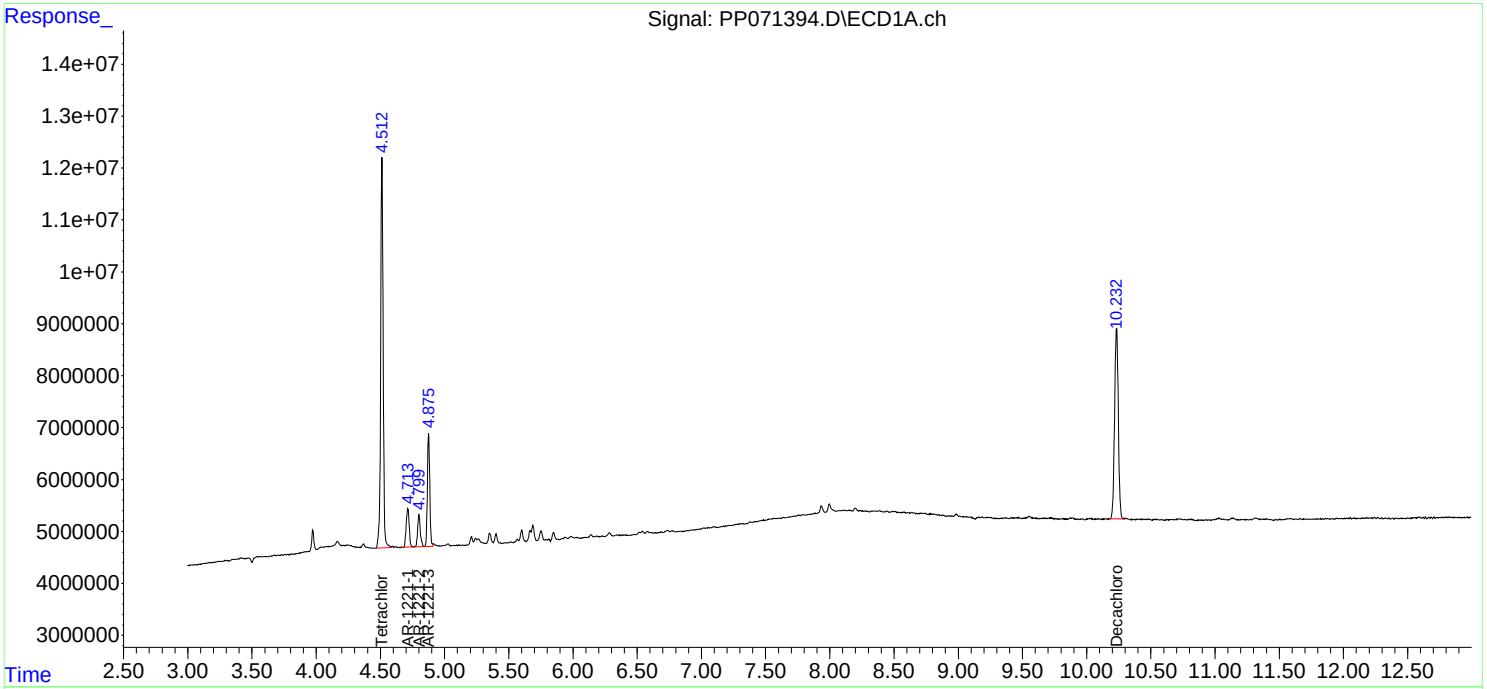
ICAL Form

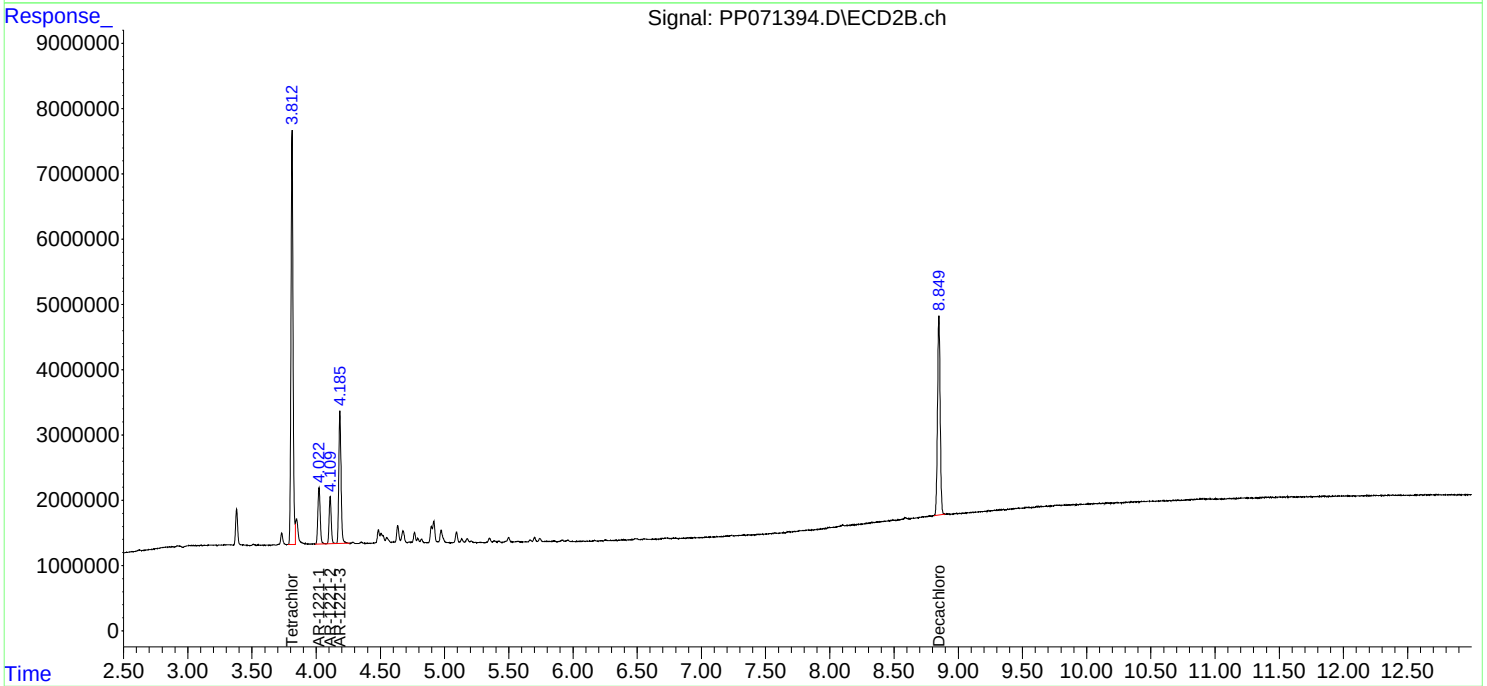
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:51
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

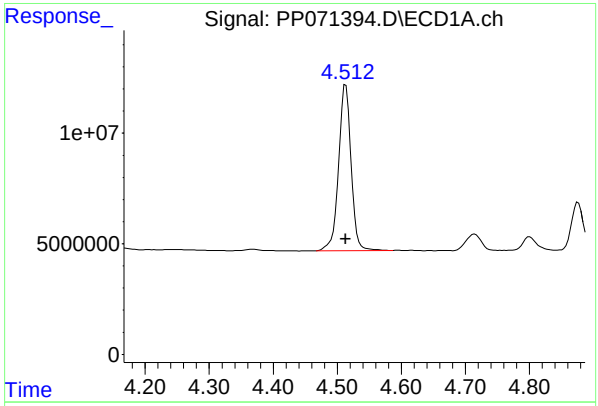
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 12:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



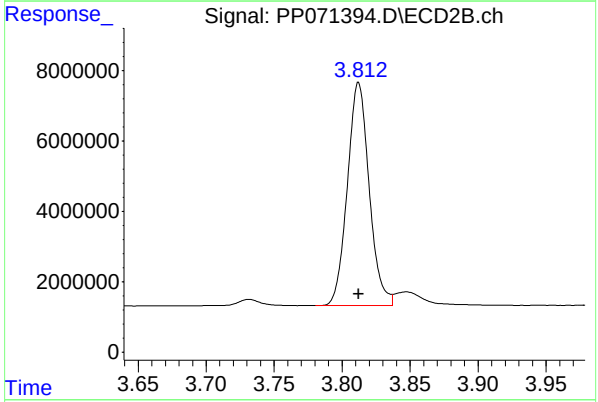




#1 Tetrachloro-m-xylene

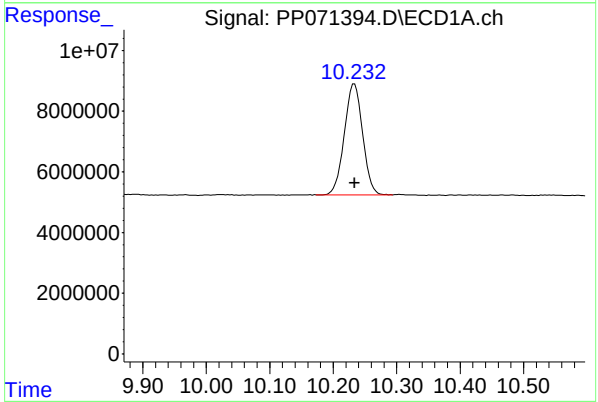
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 101953072
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



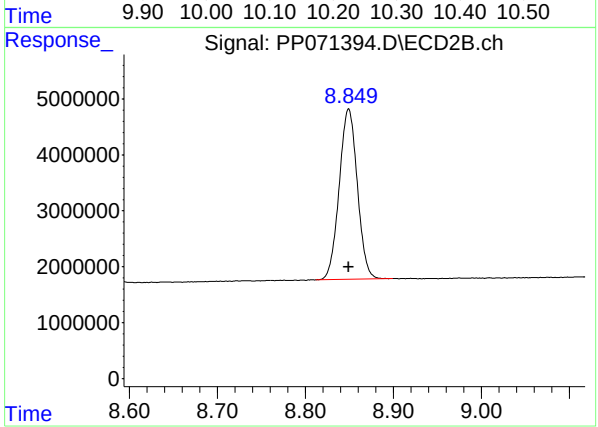
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 70886063
Conc: 50.00 ng/ml



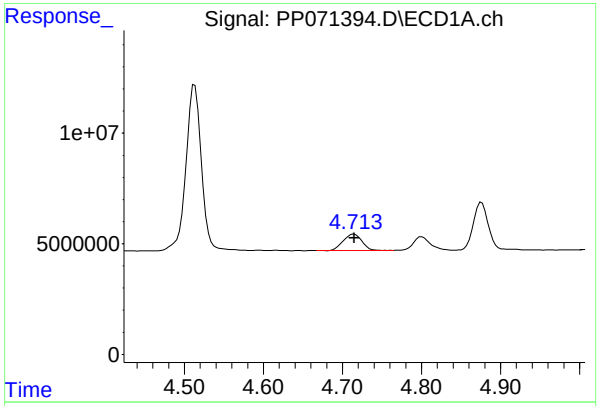
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 73129811
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

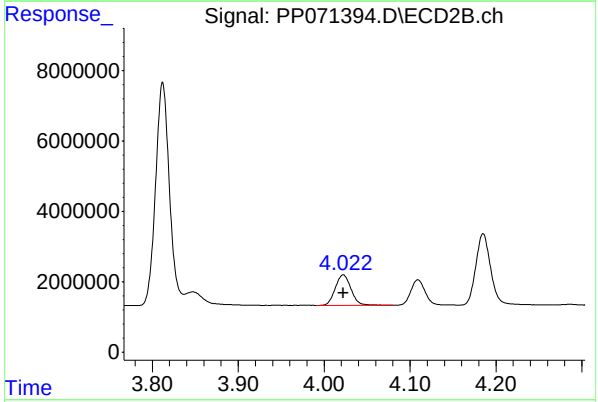
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 43684216
Conc: 50.00 ng/ml



#8 AR-1221-1

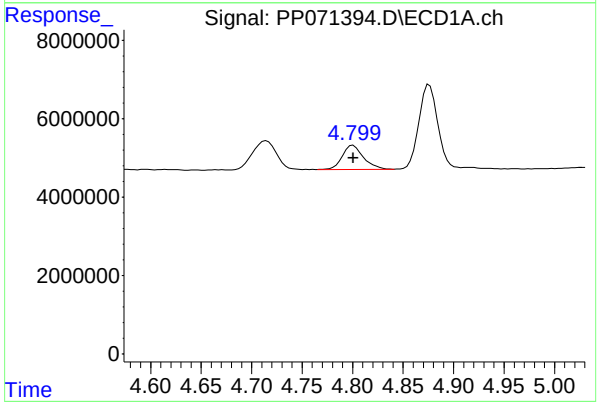
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 12058427
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



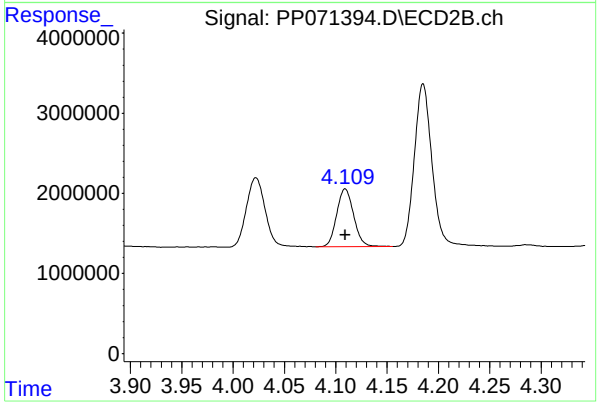
#8 AR-1221-1

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 10997465
Conc: 500.00 ng/ml



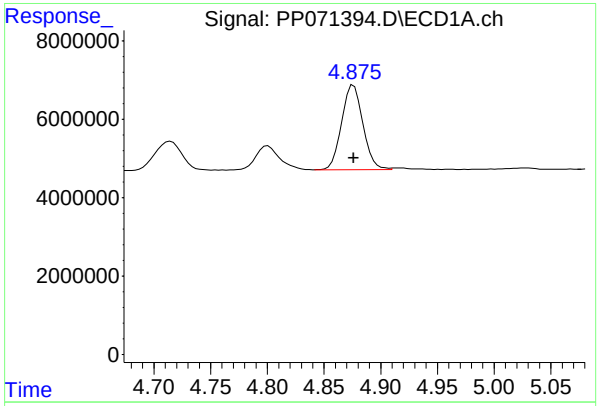
#9 AR-1221-2

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 9008471
Conc: 500.00 ng/ml



#9 AR-1221-2

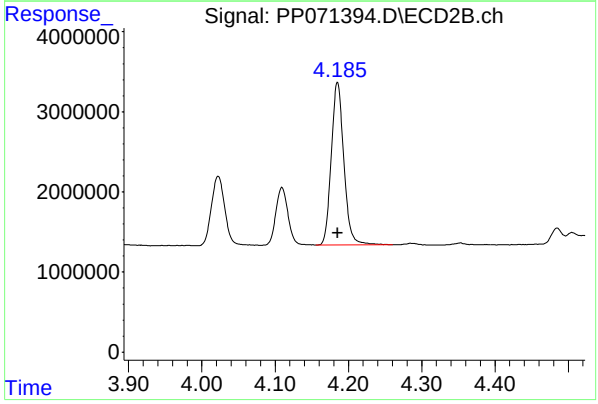
R.T.: 4.109 min
Delta R.T.: 0.000 min
Response: 8280856
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 28305615
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.185 min
Delta R.T.: 0.000 min
Response: 24238496
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:07
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: Apr 22 12:29:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	97587735	67524433	50.000	50.000
2)	SA Decachlor...	10.233	8.851	71248479	42941843	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.878	4.186	22456038	19158895	500.000	500.000
12)	L3 AR-1232-2	5.403	4.917	11506547	19093695	500.000	500.000
13)	L3 AR-1232-3	5.690	5.094	23608778	10587643	500.000	500.000
14)	L3 AR-1232-4	5.850	5.178	11589674	9270206	500.000	500.000
15)	L3 AR-1232-5	5.940	5.351	8072861	9950926	500.000	500.000

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

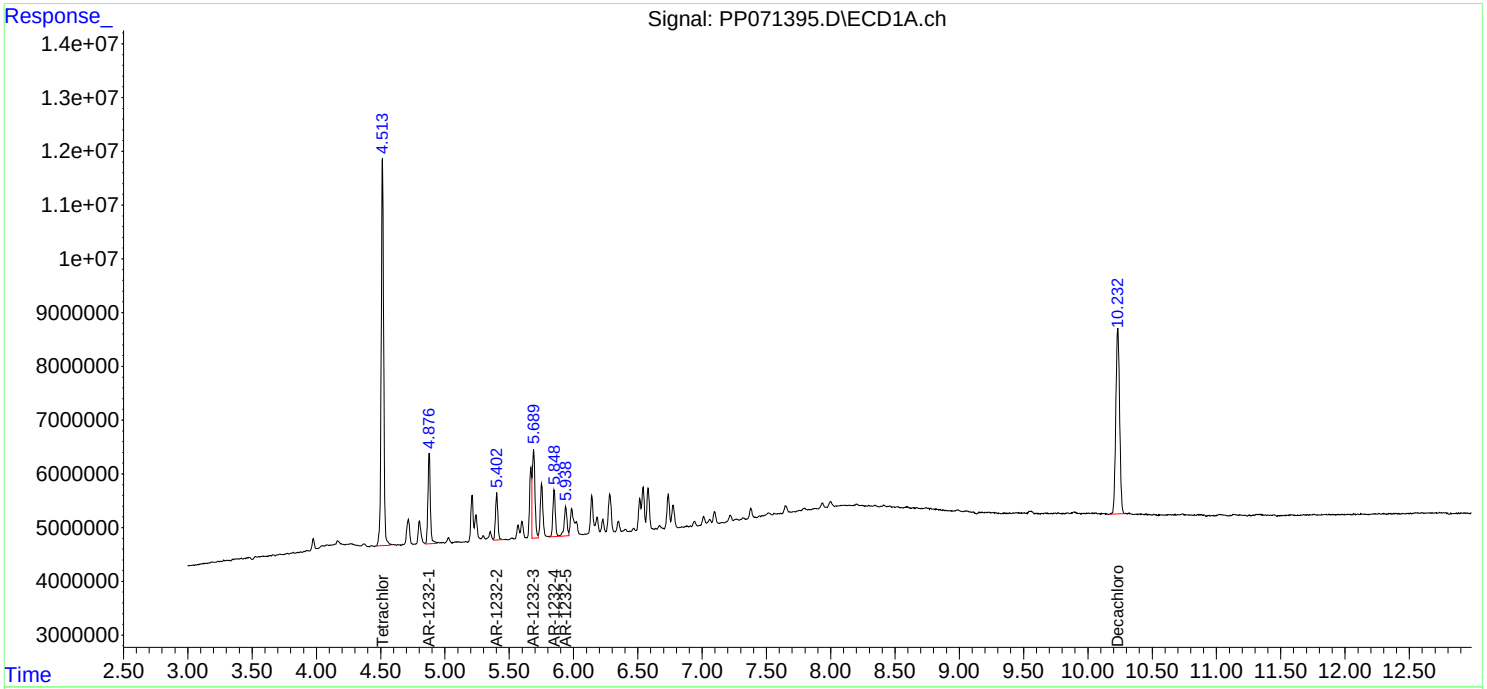
ICAL Form

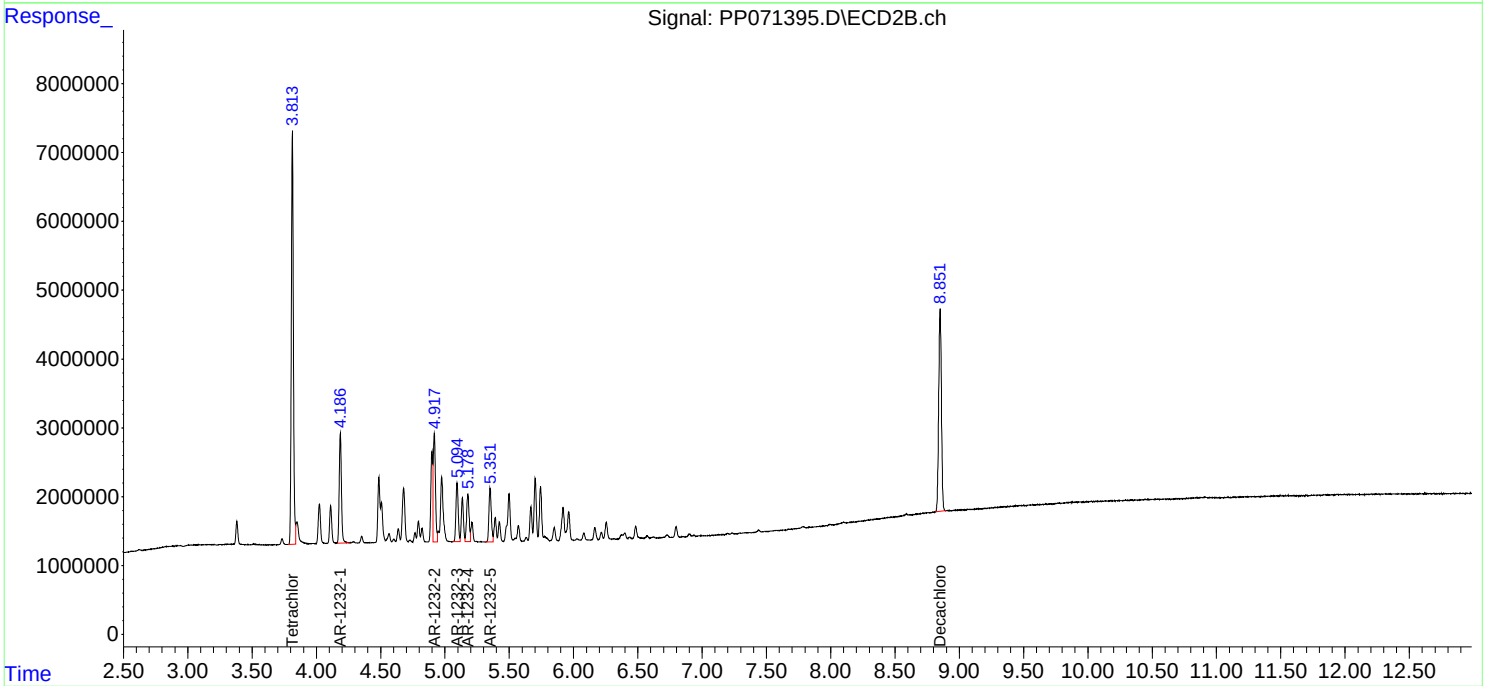
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:07
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

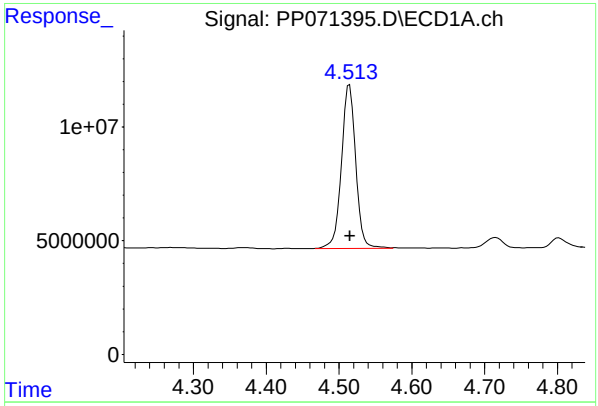
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 12:29:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 12:26:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



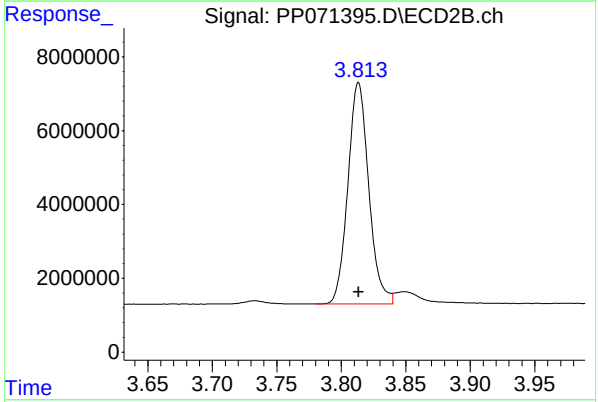




#1 Tetrachloro-m-xylene

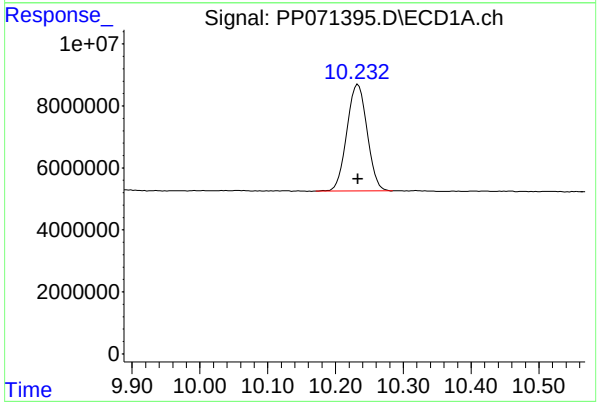
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 97587735
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



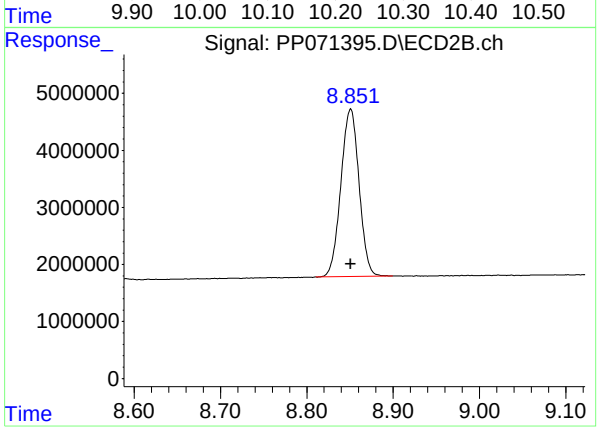
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 67524433
Conc: 50.00 ng/ml



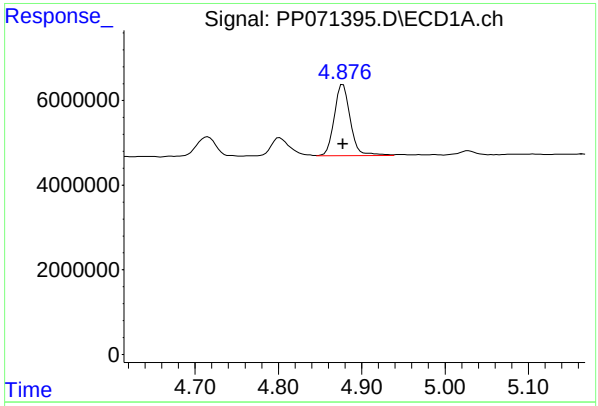
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 71248479
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

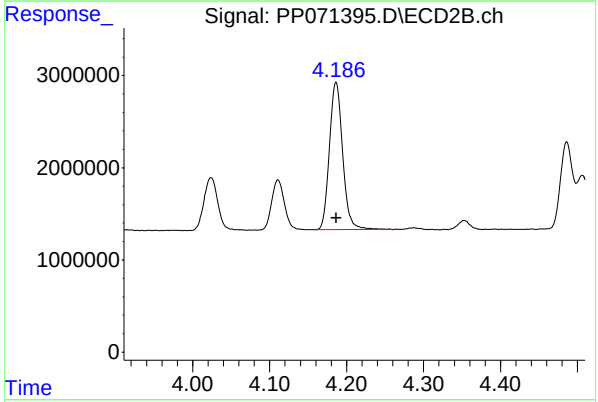
R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 42941843
Conc: 50.00 ng/ml



#11 AR-1232-1

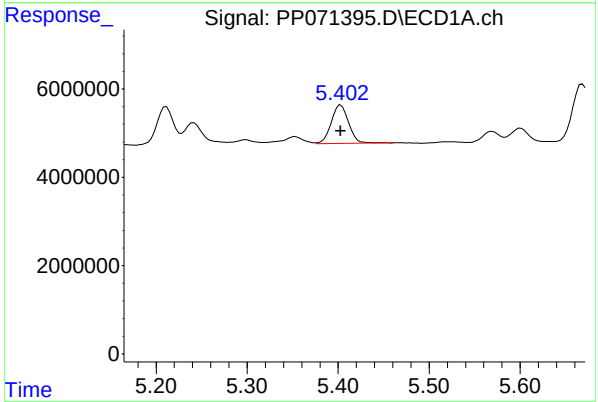
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 22456038
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



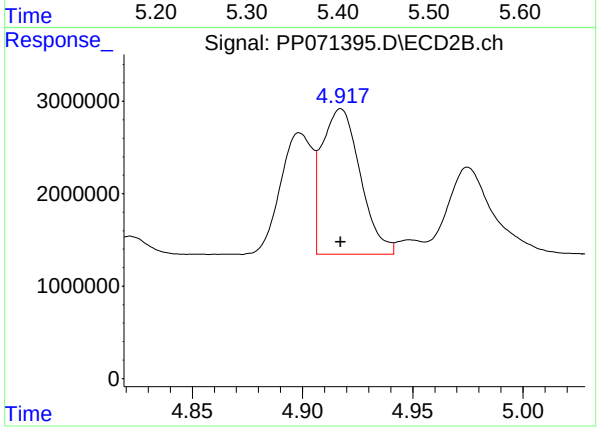
#11 AR-1232-1

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 19158895
Conc: 500.00 ng/ml



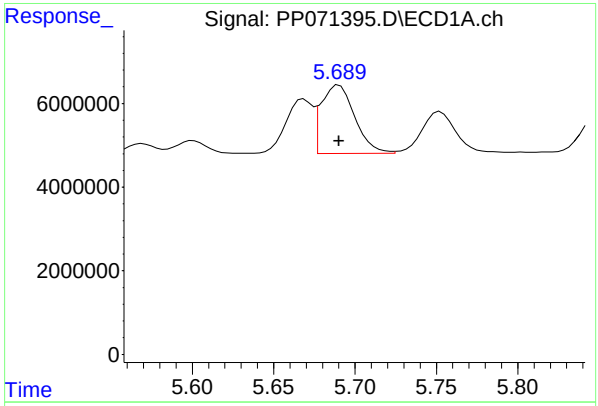
#12 AR-1232-2

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 11506547
Conc: 500.00 ng/ml



#12 AR-1232-2

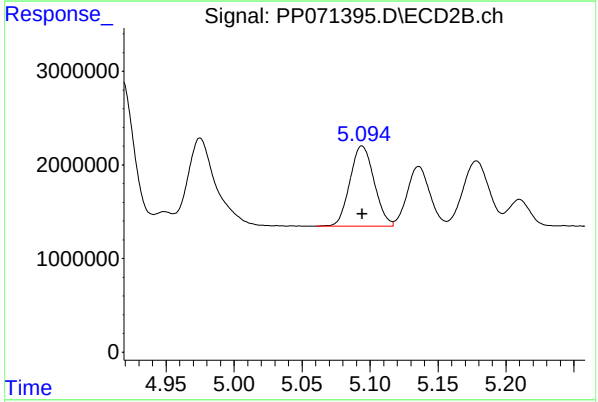
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 19093695
Conc: 500.00 ng/ml



#13 AR-1232-3

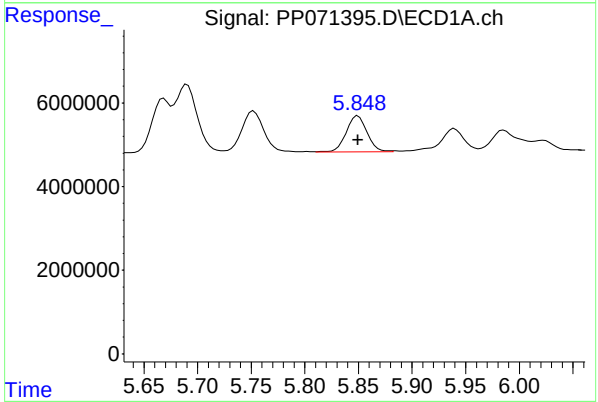
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 23608778
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



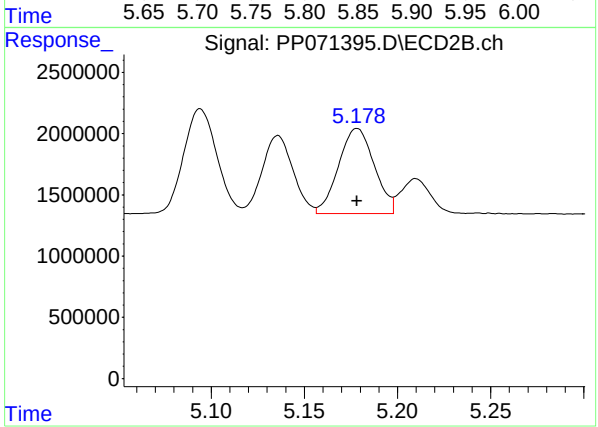
#13 AR-1232-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 10587643
Conc: 500.00 ng/ml



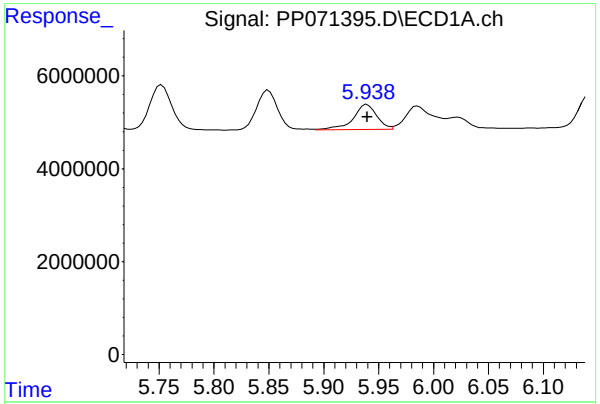
#14 AR-1232-4

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 11589674
Conc: 500.00 ng/ml



#14 AR-1232-4

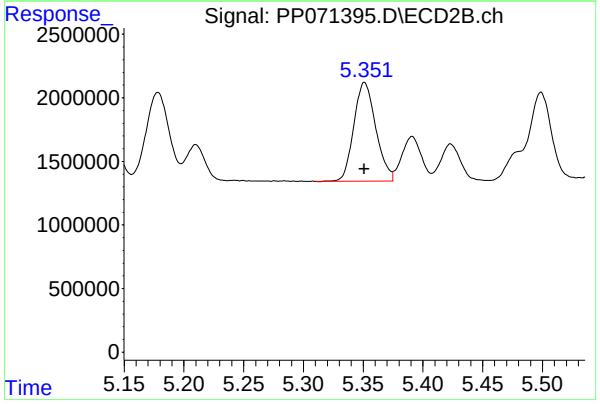
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 9270206
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.940 min
Delta R.T.: 0.000 mi
Response: 8072861
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 9950926
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:23
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:20:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.812	186.9E6	129.5E6	96.183	92.543
2)	SA Decachlor...	10.233	8.849	136.9E6	81561508	95.790	95.248
	Target Compounds						
16)	L4 AR-1242-1	5.668	4.897	53870259	42717527	958.842	942.603
17)	L4 AR-1242-2	5.689	4.916	81881116	62346958	951.456	954.464
18)	L4 AR-1242-3	5.751	5.093	49423643	34614031	962.179	947.245
19)	L4 AR-1242-4	5.848	5.177	41638031	33518120	960.813	943.289
20)	L4 AR-1242-5	6.580	5.701	44955701	41214500	963.821	956.409

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

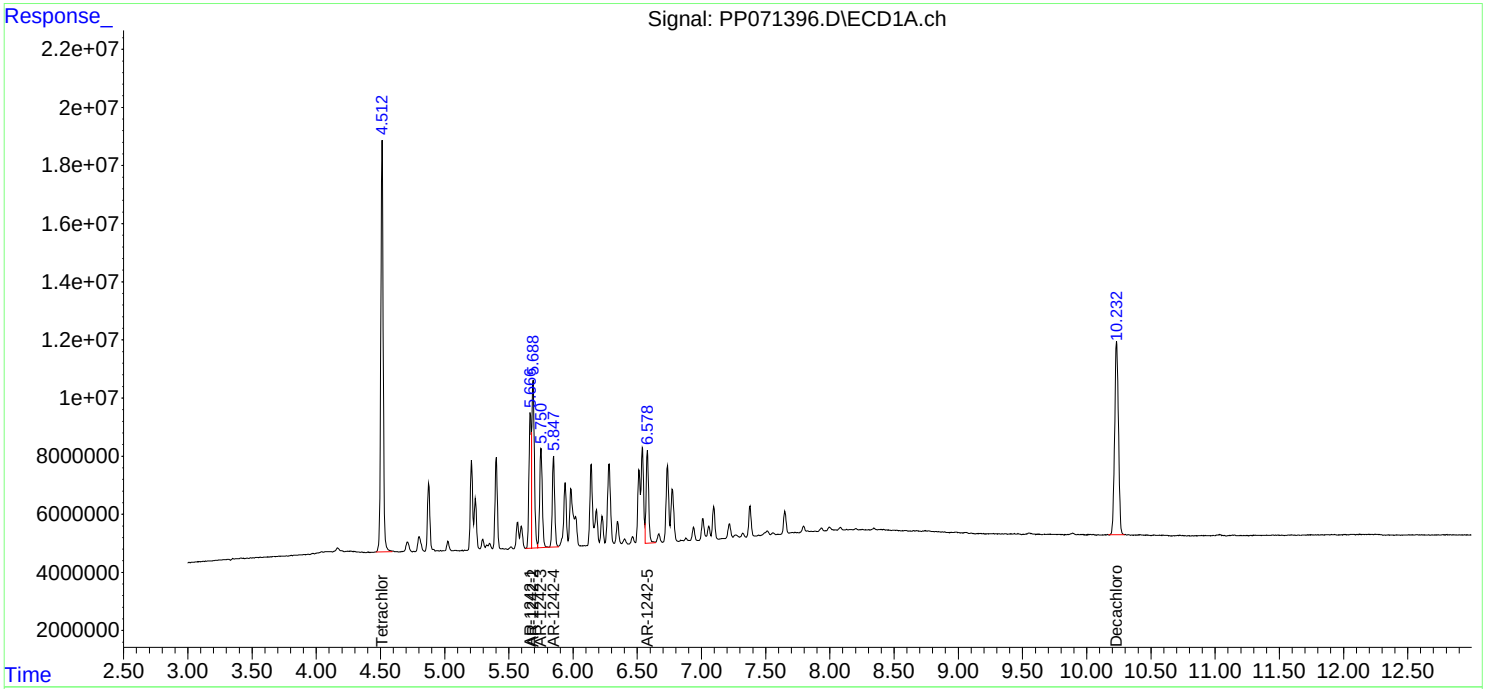
ICAL Form

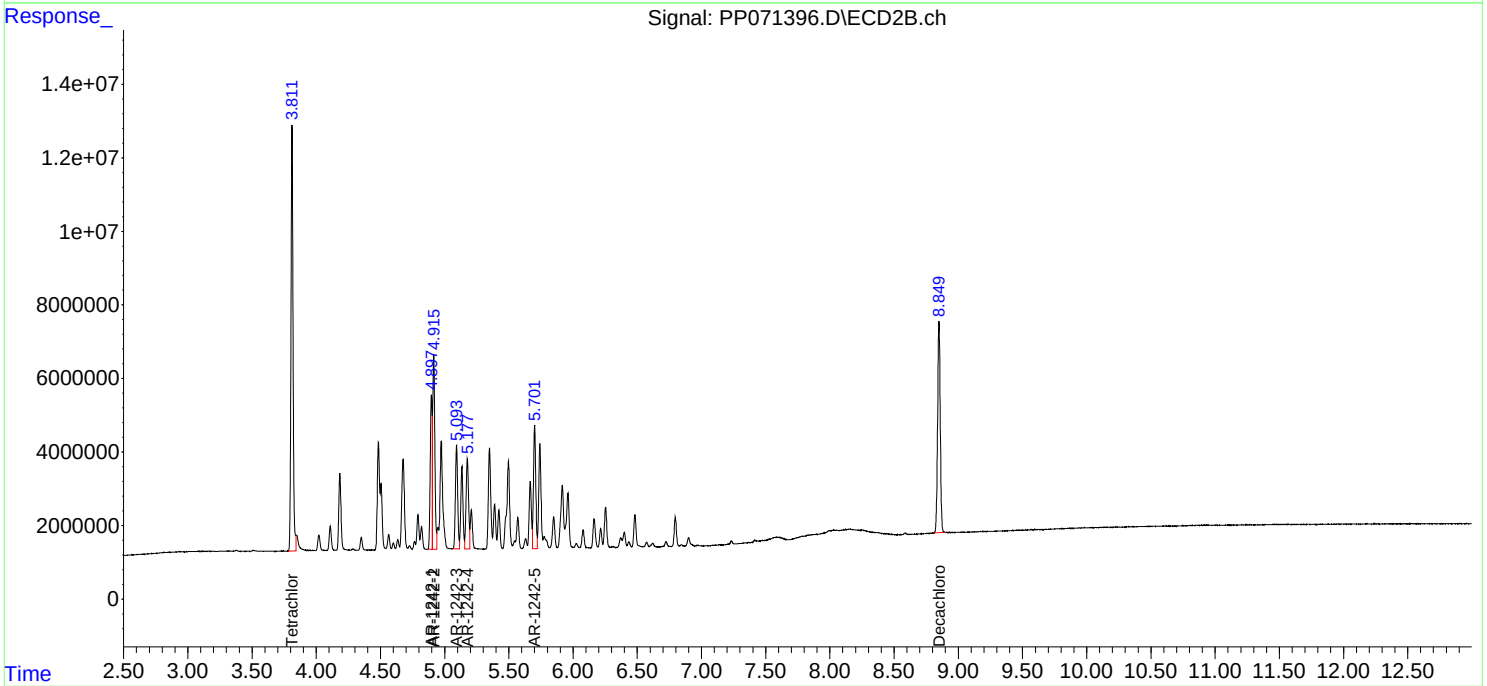
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:23
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

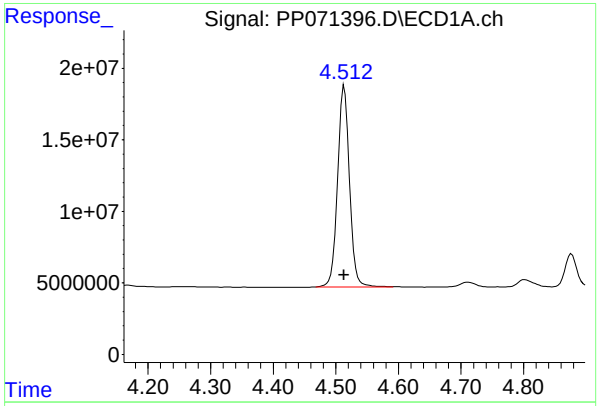
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:20:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



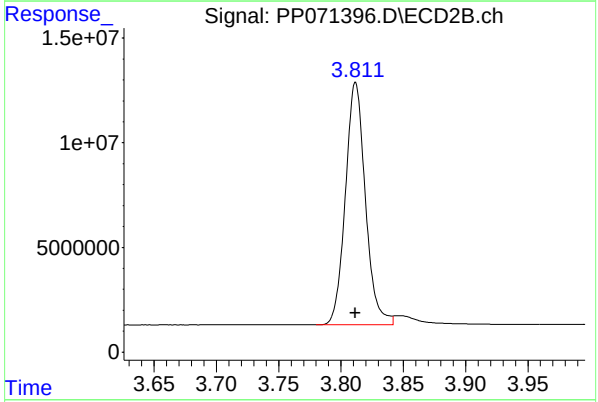




#1 Tetrachloro-m-xylene

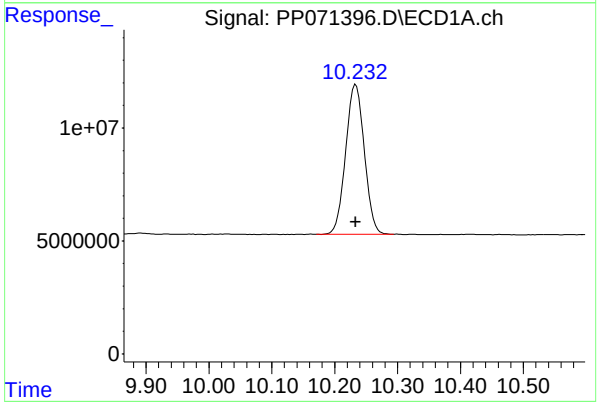
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 186894535
Conc: 96.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



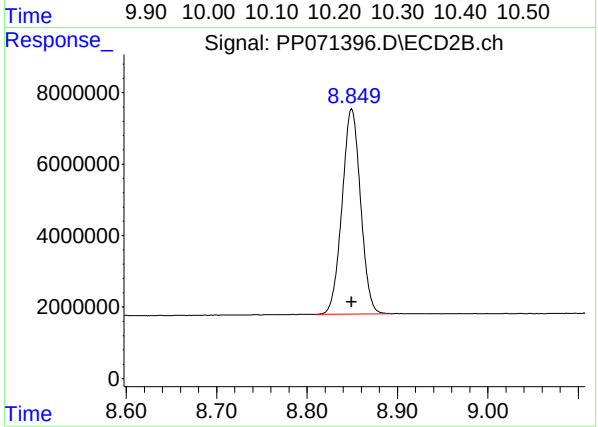
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 129515962
Conc: 92.54 ng/ml



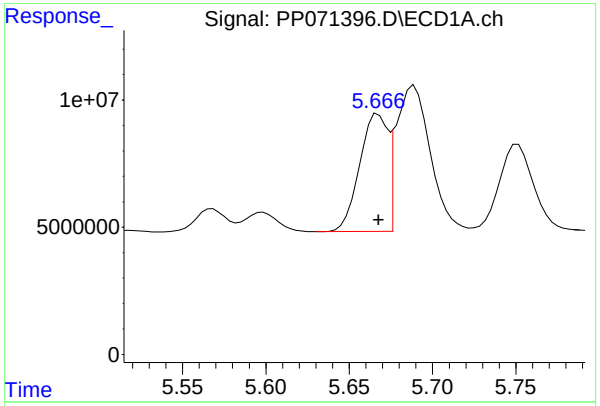
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 136854767
Conc: 95.79 ng/ml



#2 Decachlorobiphenyl

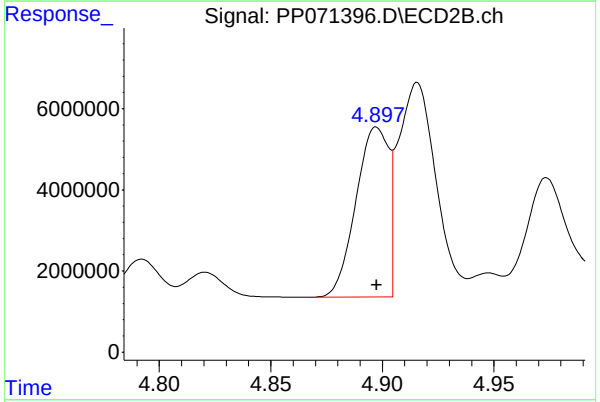
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 81561508
Conc: 95.25 ng/ml



#16 AR-1242-1

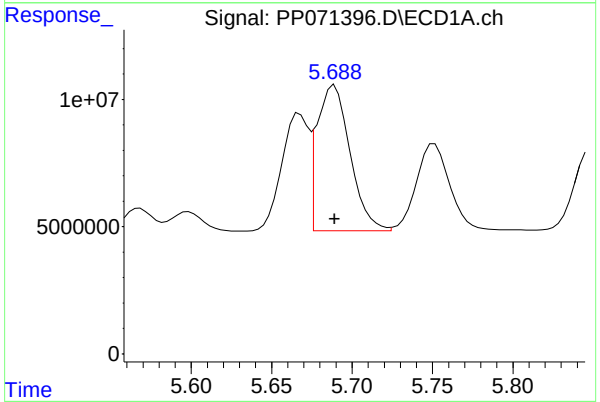
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 53870259
Conc: 958.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



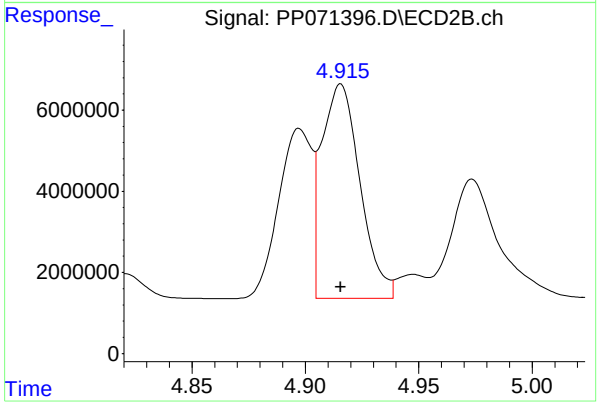
#16 AR-1242-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 42717527
Conc: 942.60 ng/ml



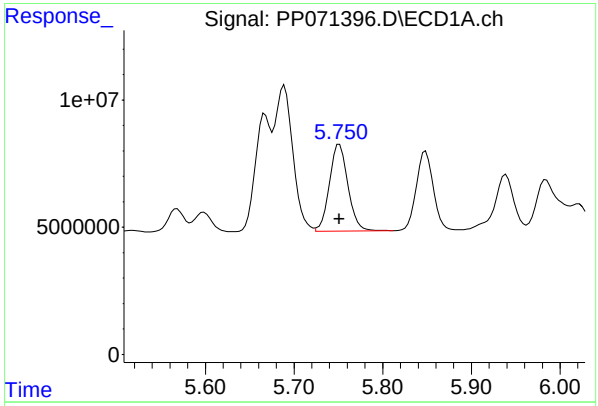
#17 AR-1242-2

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 81881116
Conc: 951.46 ng/ml



#17 AR-1242-2

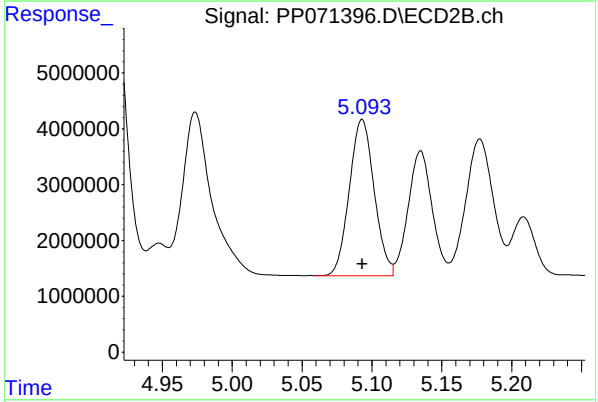
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 62346958
Conc: 954.46 ng/ml



#18 AR-1242-3

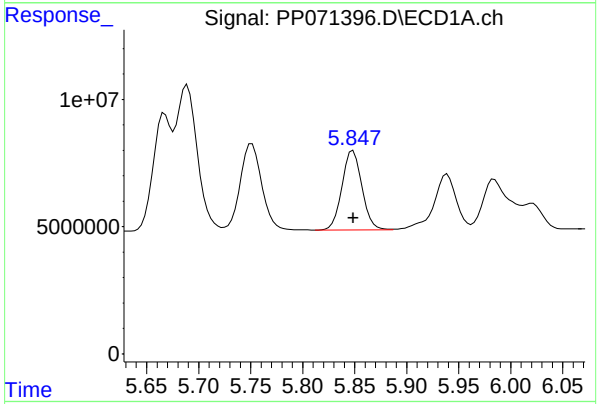
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 49423643
Conc: 962.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



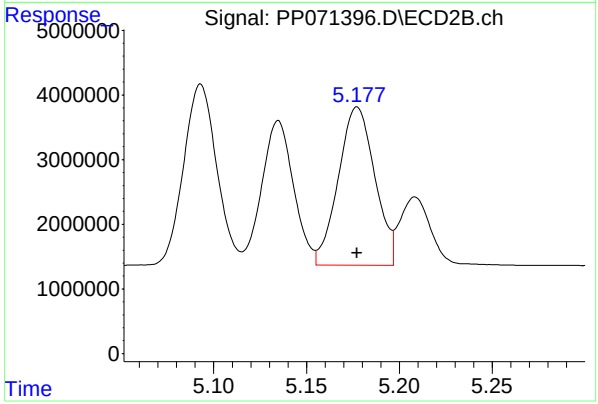
#18 AR-1242-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 34614031
Conc: 947.24 ng/ml



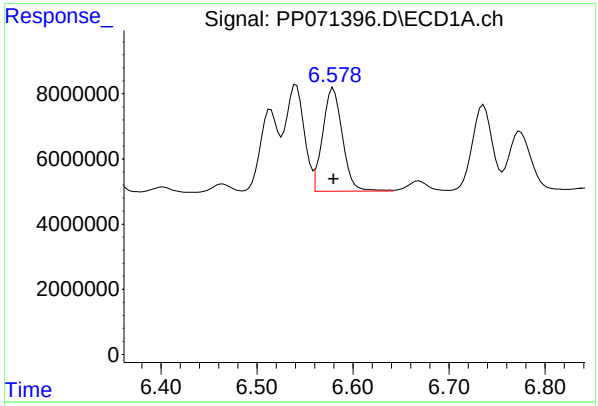
#19 AR-1242-4

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 41638031
Conc: 960.81 ng/ml



#19 AR-1242-4

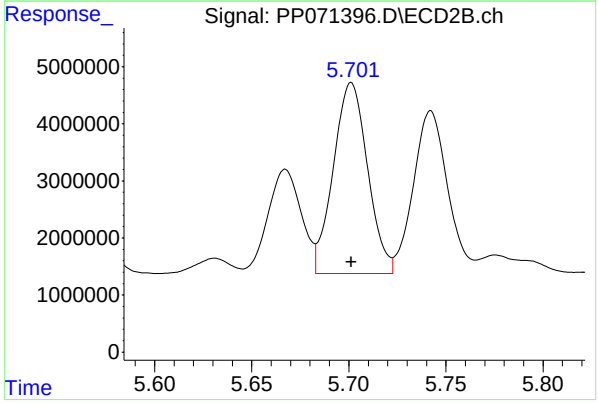
R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 33518120
Conc: 943.29 ng/ml



#20 AR-1242-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 44955701
Conc: 963.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 41214500
Conc: 956.41 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071397.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:39
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:23:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	144.5E6	99405951	74.571	72.305
2)	SA Decachlor...	10.236	8.850	106.6E6	63879480	74.739	74.732
	Target Compounds						
16)	L4 AR-1242-1	5.669	4.899	41763307	33495158	745.553	742.700
17)	L4 AR-1242-2	5.691	4.917	64231120	48675819	747.572	746.776
18)	L4 AR-1242-3	5.753	5.094	38470772	26777904	749.299	738.446
19)	L4 AR-1242-4	5.850	5.179	32141516	25994749	744.431	737.606
20)	L4 AR-1242-5	6.581	5.703	34794164	32016406	747.305	745.293

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

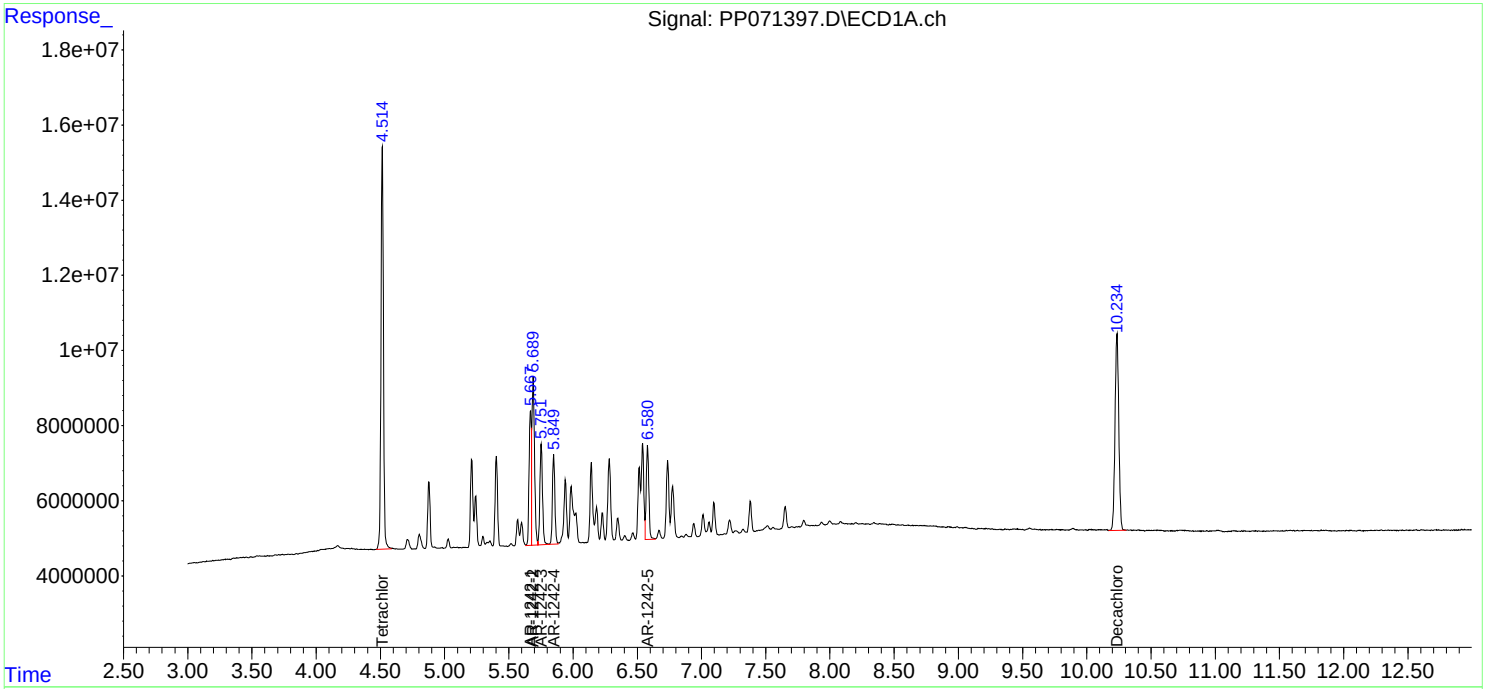
ICAL Form

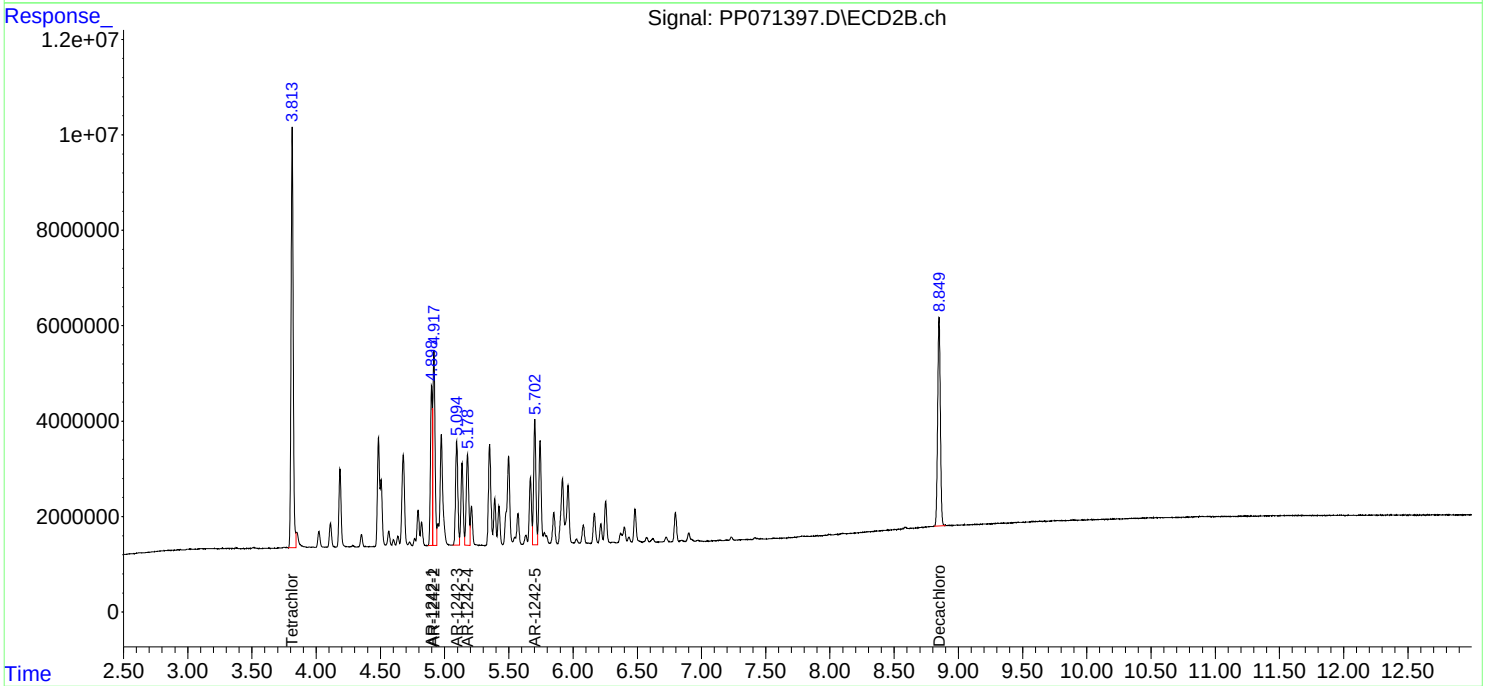
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071397.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:39
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

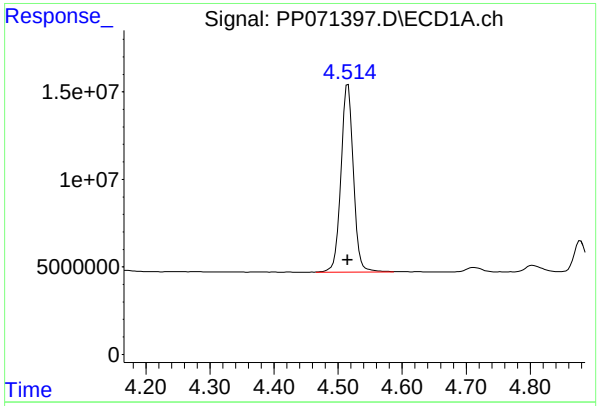
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:23:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



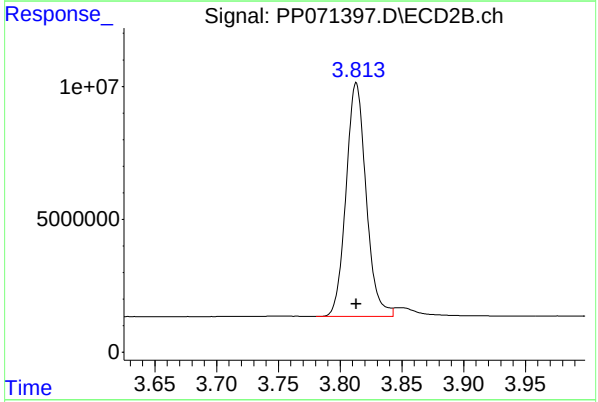




#1 Tetrachloro-m-xylene

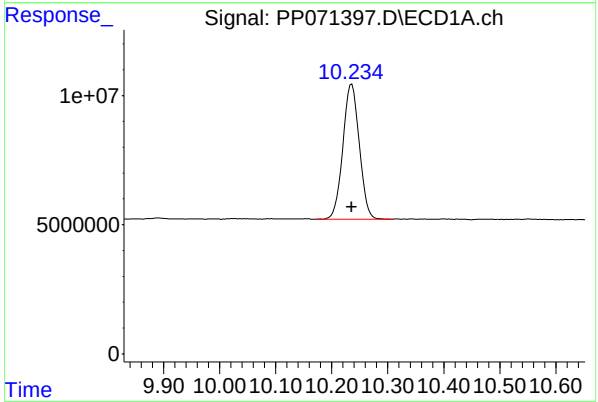
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 144487060
Conc: 74.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



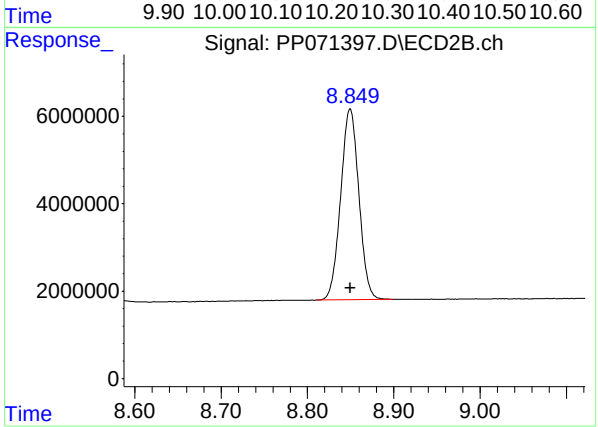
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 99405951
Conc: 72.30 ng/ml



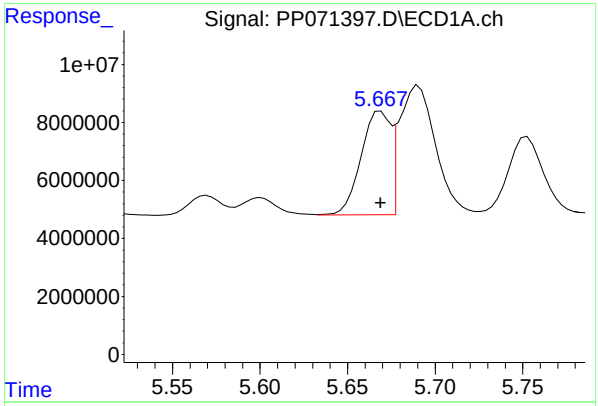
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 106593076
Conc: 74.74 ng/ml



#2 Decachlorobiphenyl

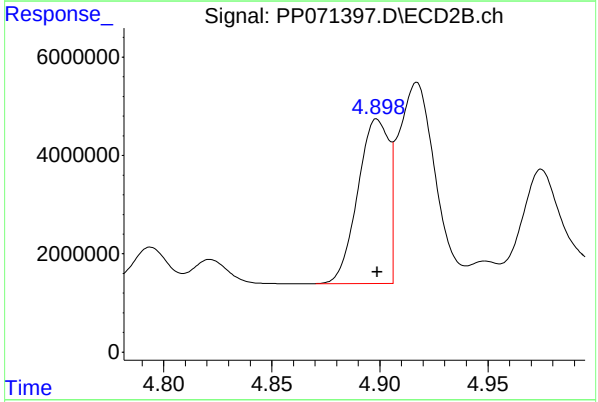
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 63879480
Conc: 74.73 ng/ml



#16 AR-1242-1

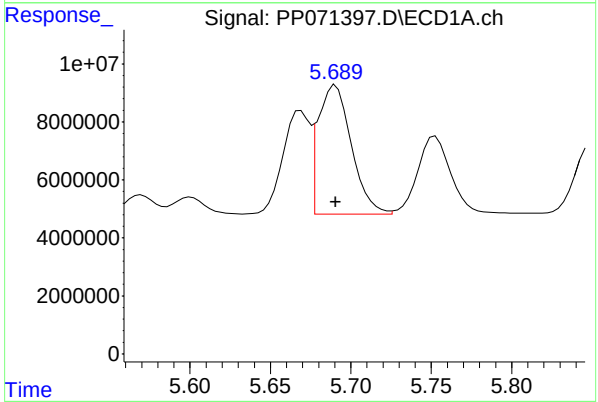
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 41763307
Conc: 745.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



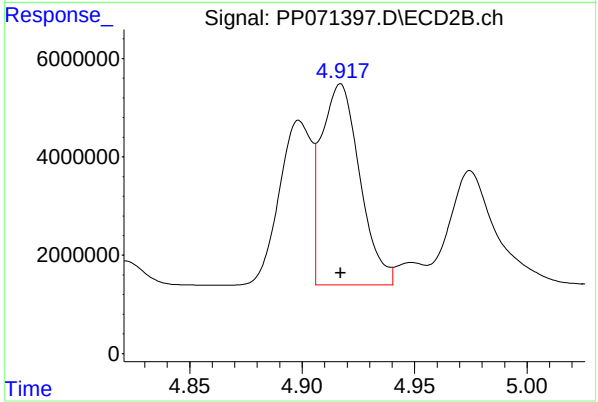
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 33495158
Conc: 742.70 ng/ml



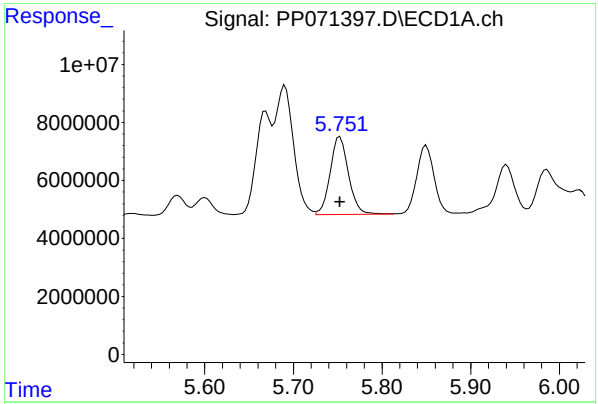
#17 AR-1242-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 64231120
Conc: 747.57 ng/ml



#17 AR-1242-2

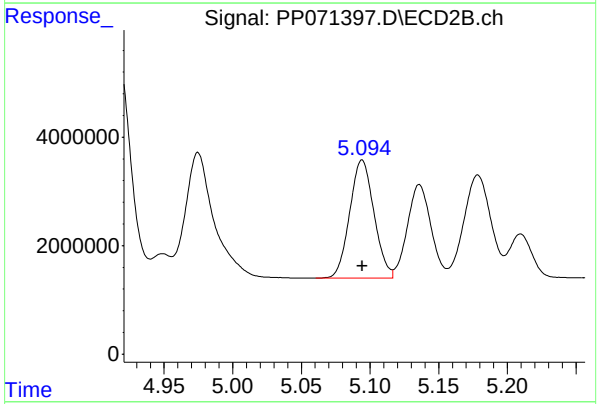
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 48675819
Conc: 746.78 ng/ml



#18 AR-1242-3

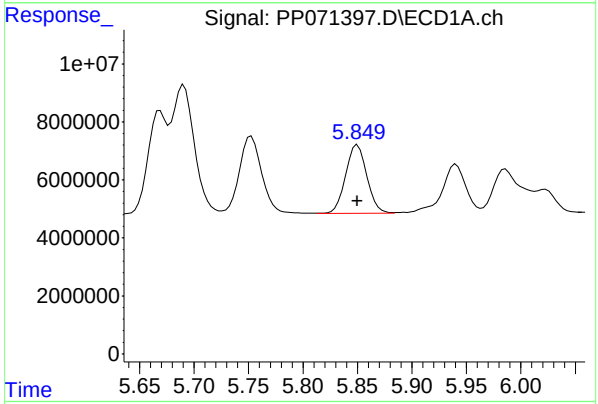
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 38470772
Conc: 749.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



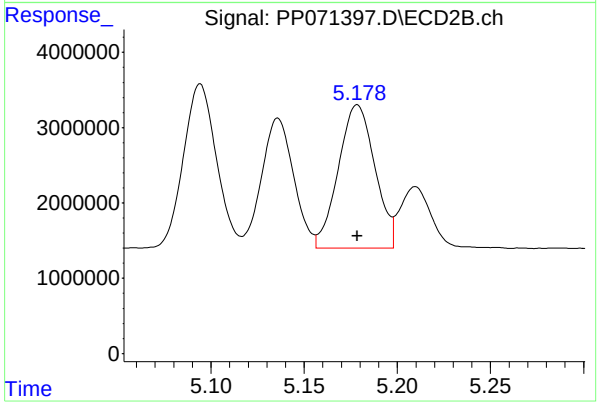
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 26777904
Conc: 738.45 ng/ml



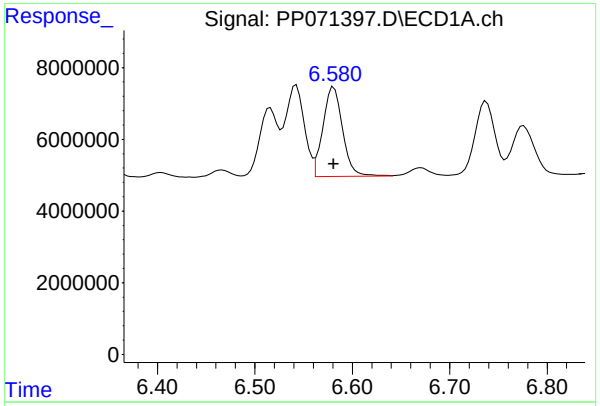
#19 AR-1242-4

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 32141516
Conc: 744.43 ng/ml



#19 AR-1242-4

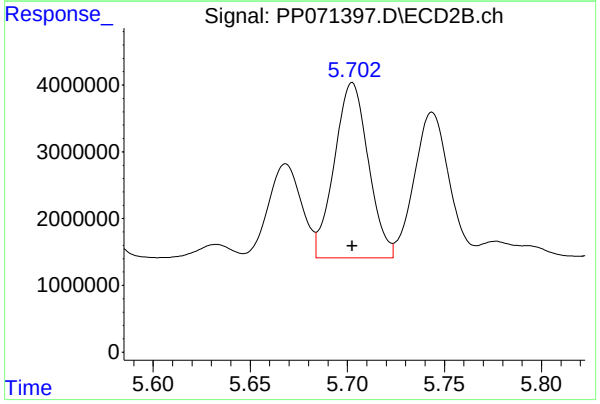
R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 25994749
Conc: 737.61 ng/ml



#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 34794164
Conc: 747.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 32016406
Conc: 745.29 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:56
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:13:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	100.9E6	75193817	50.000	50.000
2)	SA Decachlor...	10.235	8.850	74441902	44850133	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.669	4.898	29247490	23959903	500.000	500.000
17)	L4 AR-1242-2	5.690	4.916	45118235	34147953	500.000	500.000
18)	L4 AR-1242-3	5.752	5.093	26654530	19234787	500.000	500.000
19)	L4 AR-1242-4	5.849	5.178	22517234	18774167	500.000	500.000
20)	L4 AR-1242-5	6.581	5.701	24165350	22485728	500.000	500.000

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

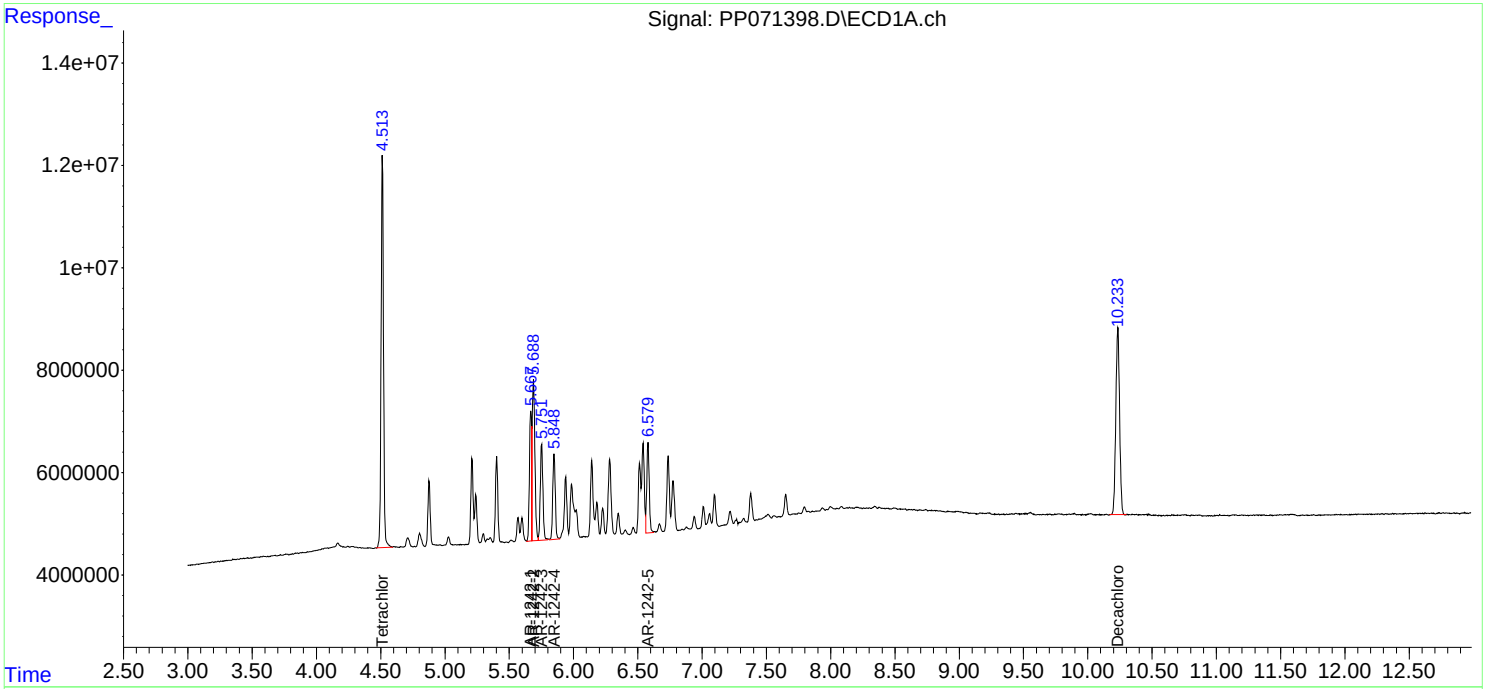
ICAL Form

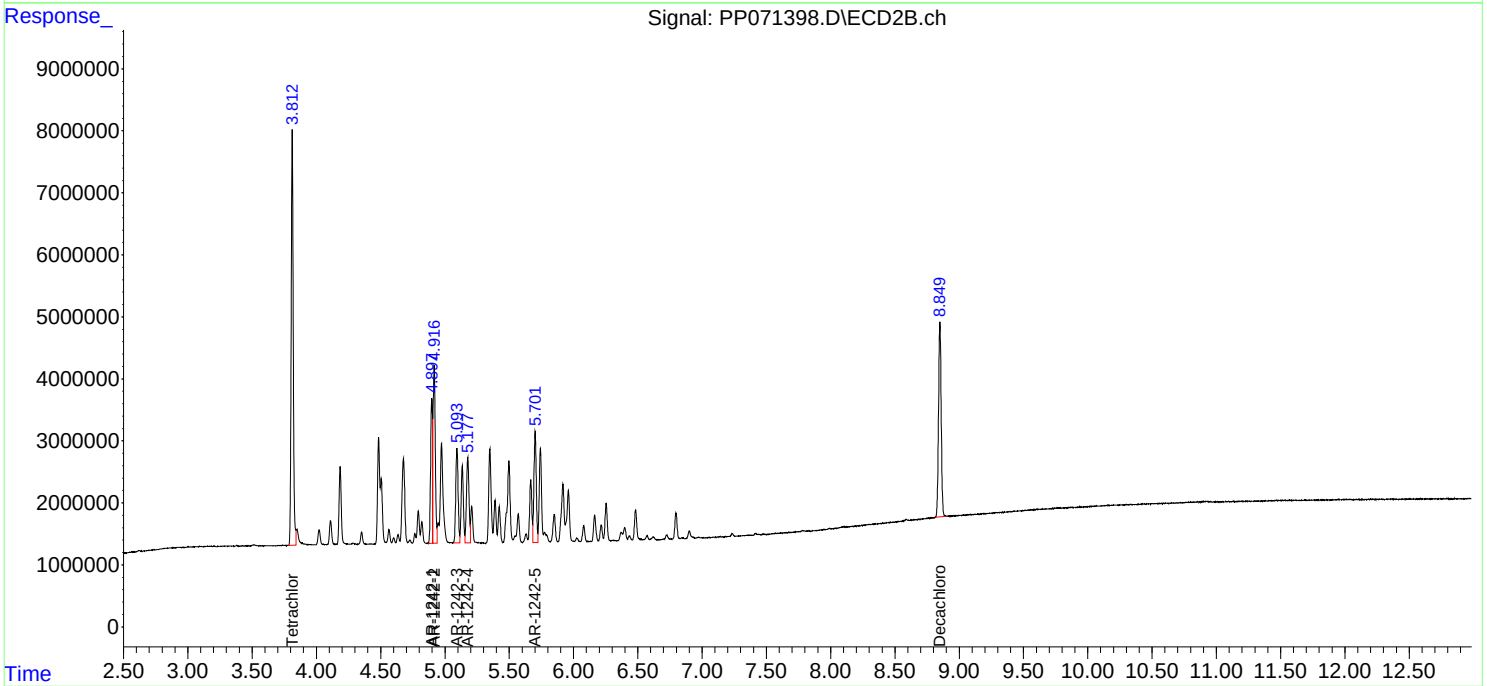
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:56
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

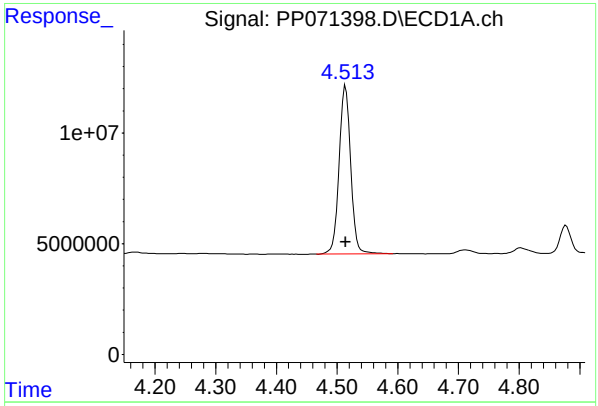
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:13:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:13:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



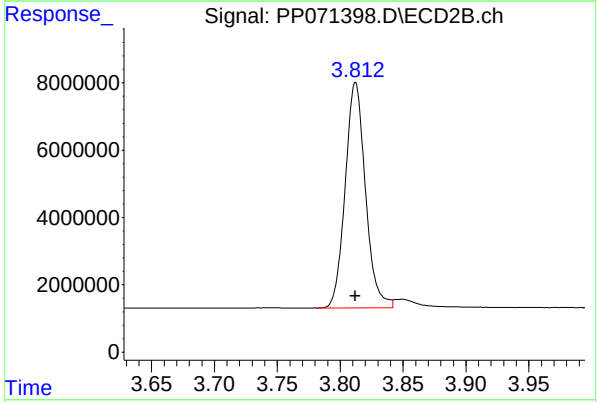




#1 Tetrachloro-m-xylene

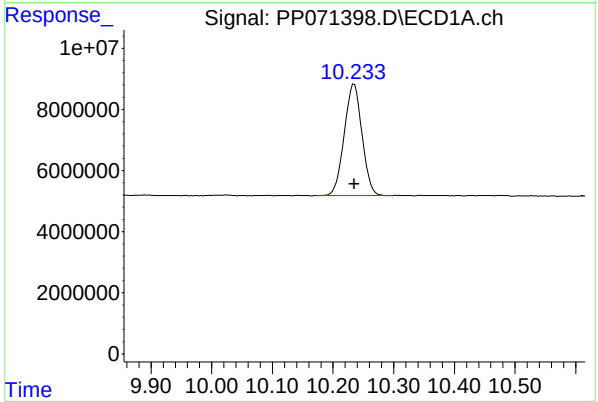
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 100863617
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



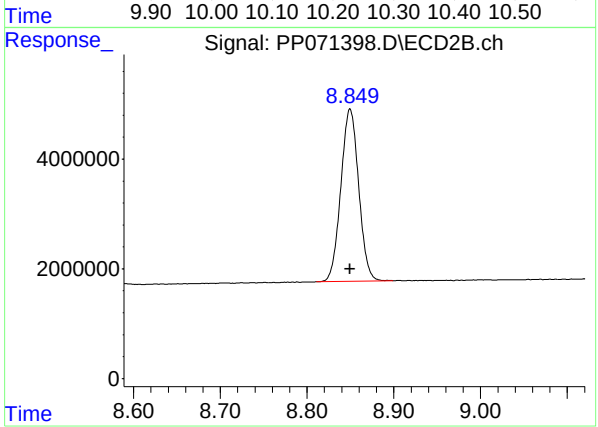
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 75193817
Conc: 50.00 ng/ml



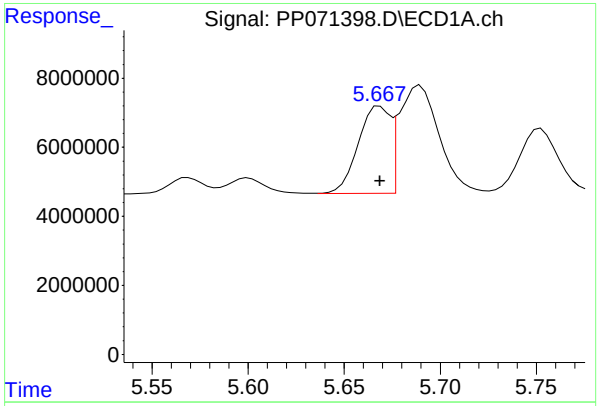
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 74441902
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

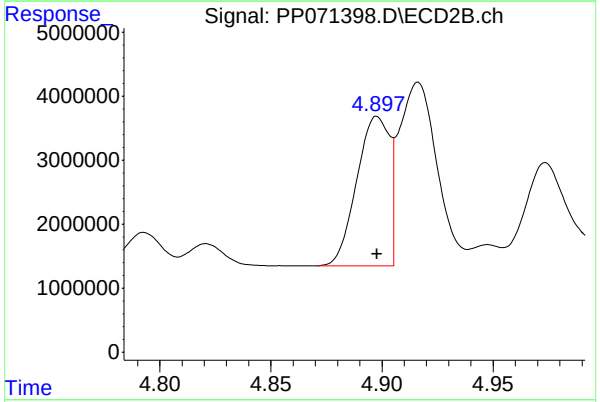
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 44850133
Conc: 50.00 ng/ml



#16 AR-1242-1

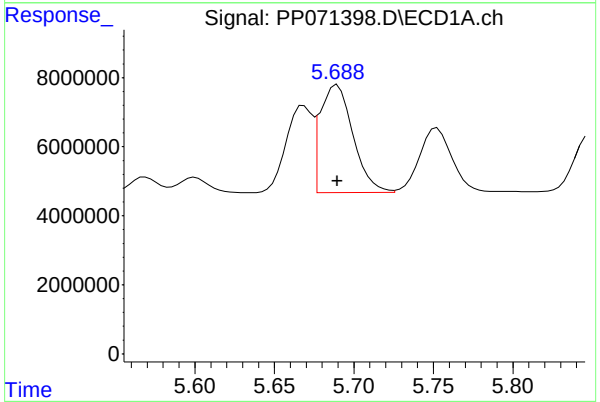
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 29247490
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



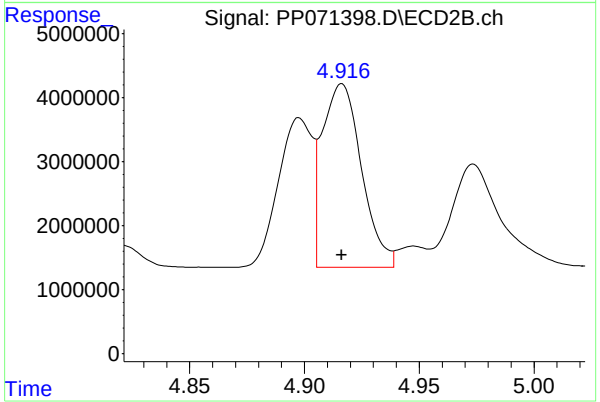
#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 23959903
Conc: 500.00 ng/ml



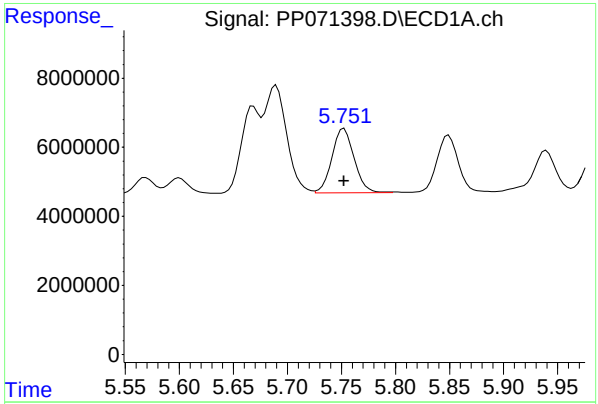
#17 AR-1242-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 45118235
Conc: 500.00 ng/ml



#17 AR-1242-2

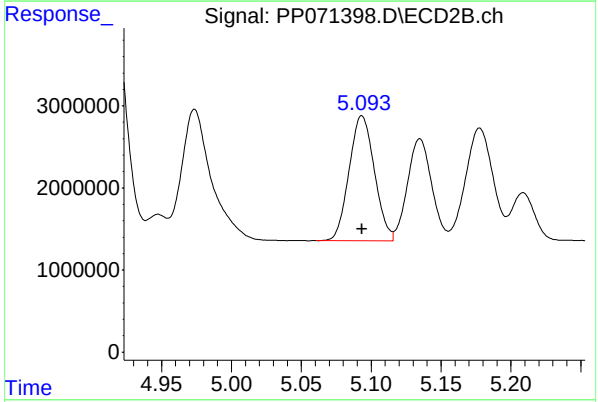
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 34147953
Conc: 500.00 ng/ml



#18 AR-1242-3

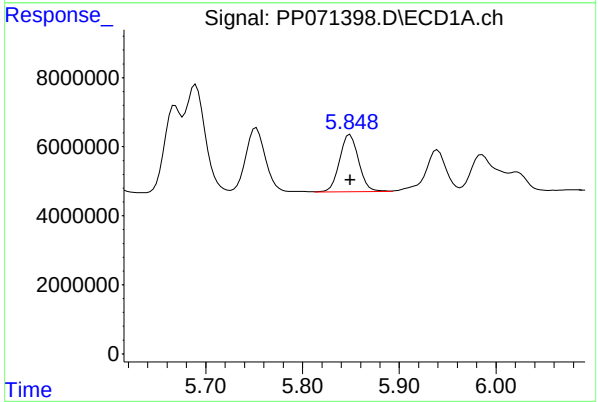
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 26654530
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



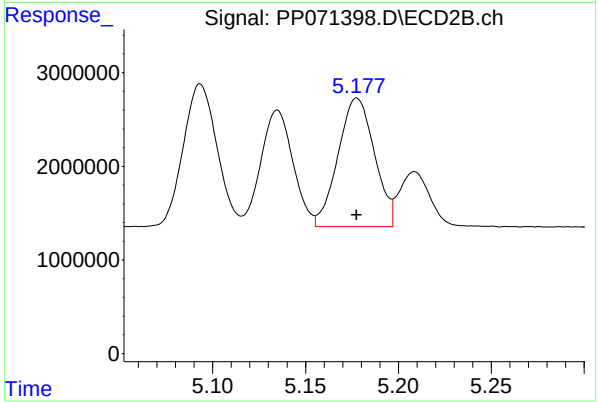
#18 AR-1242-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 19234787
Conc: 500.00 ng/ml



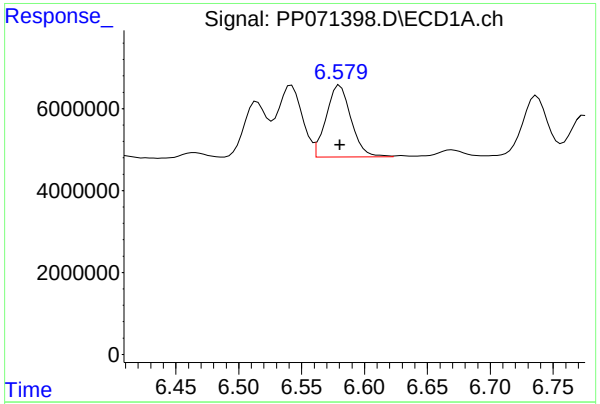
#19 AR-1242-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 22517234
Conc: 500.00 ng/ml



#19 AR-1242-4

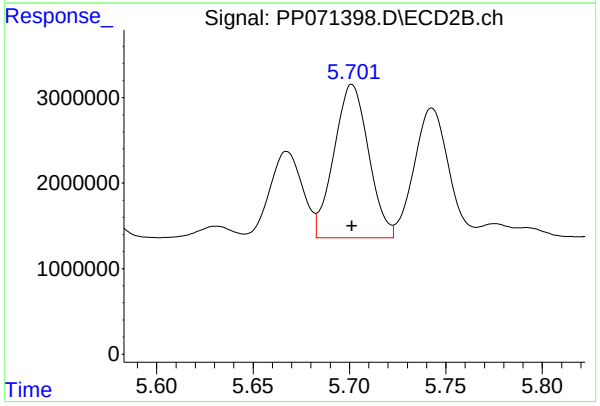
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 18774167
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: 0.000 mi
Response: 24165350
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 22485728
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:12
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:34:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.813	50759754	35812201	25.888	25.778
2)	SA Decachlor...	10.233	8.850	37582587	22937032	26.000	26.351
	Target Compounds						
16)	L4 AR-1242-1	5.668	4.899	14669196	12394168	258.800	268.164
17)	L4 AR-1242-2	5.689	4.917	22436050	17569793	258.254	264.383
18)	L4 AR-1242-3	5.751	5.094	13459217	10184944	259.001	272.457
19)	L4 AR-1242-4	5.849	5.178	11164111	9920754	256.375	272.906
20)	L4 AR-1242-5	6.580	5.702	11989115	11814664	255.584	268.312

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

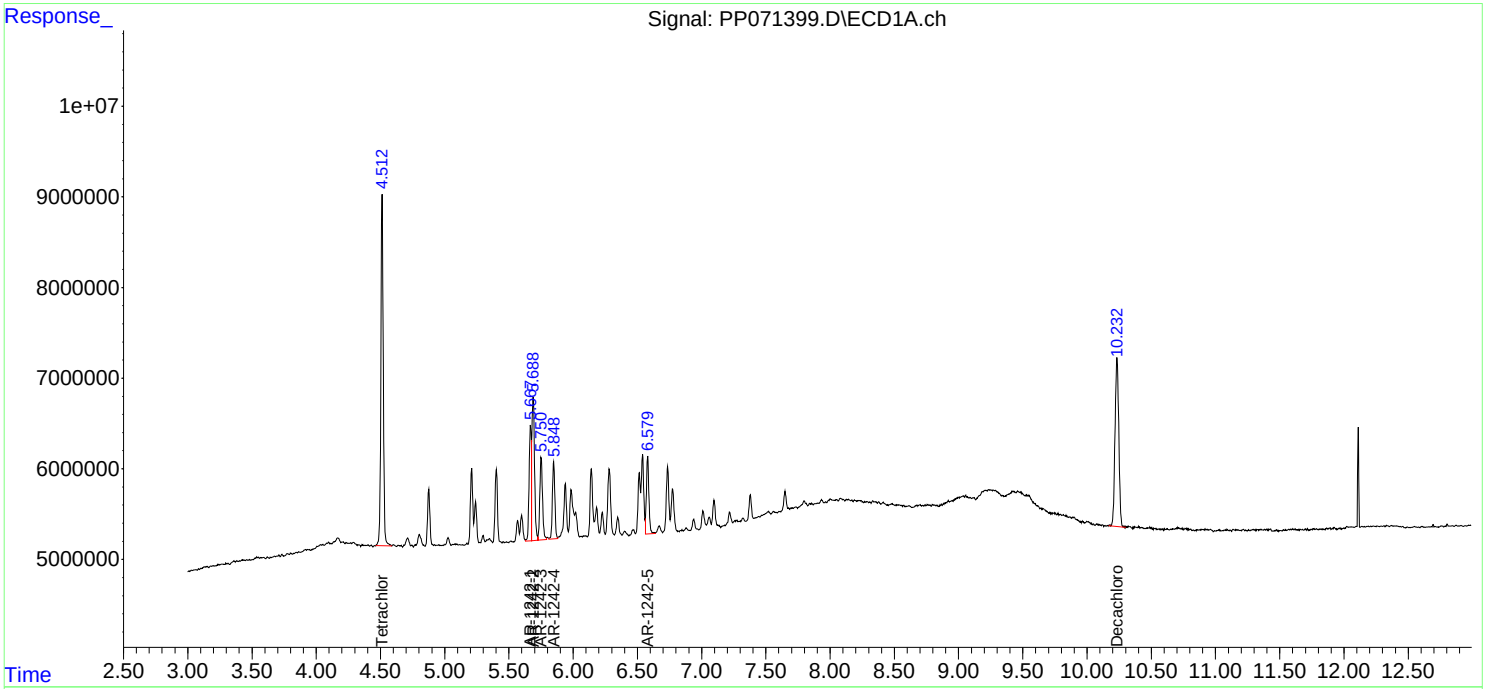
ICAL Form

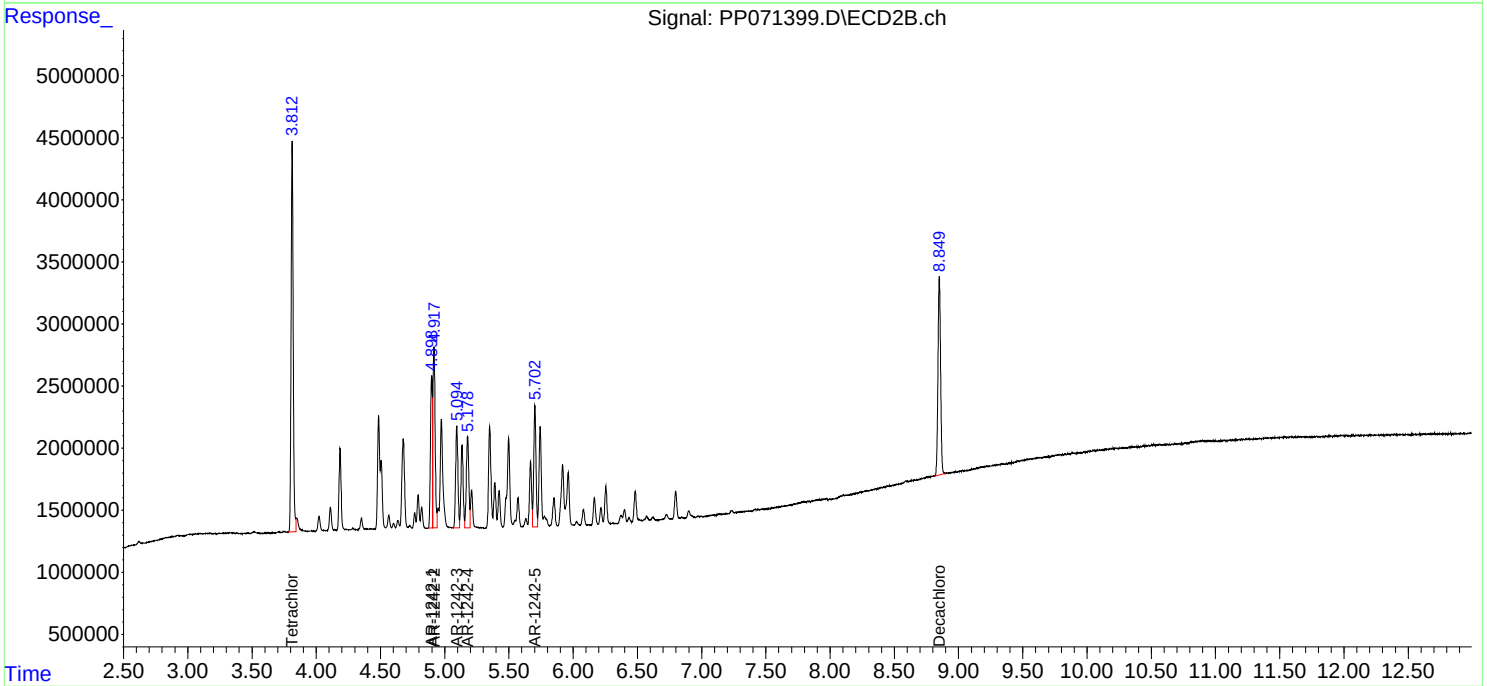
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:12
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

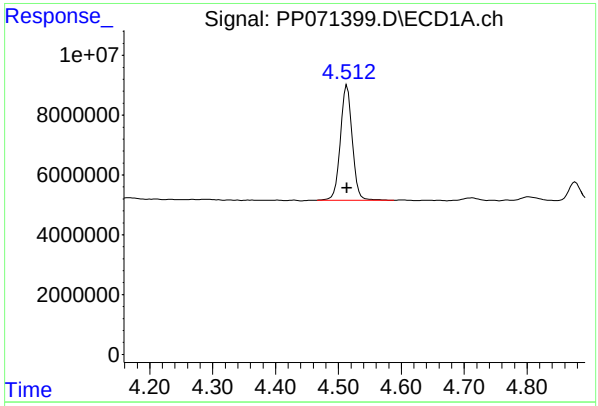
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:34:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



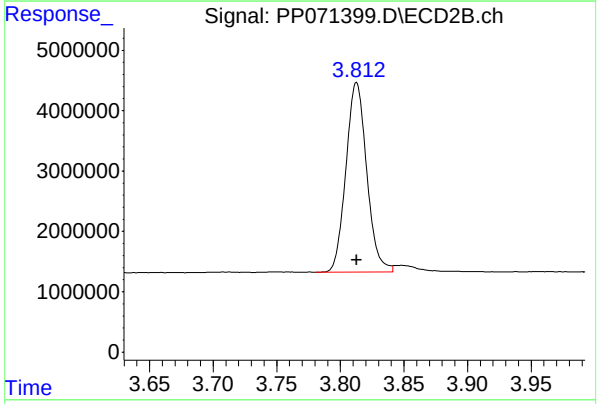




#1 Tetrachloro-m-xylene

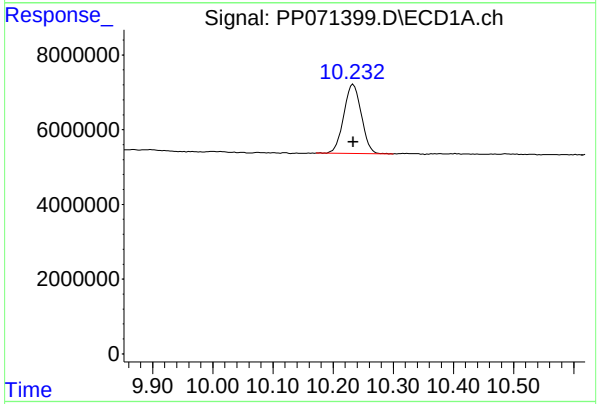
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 50759754
Conc: 25.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



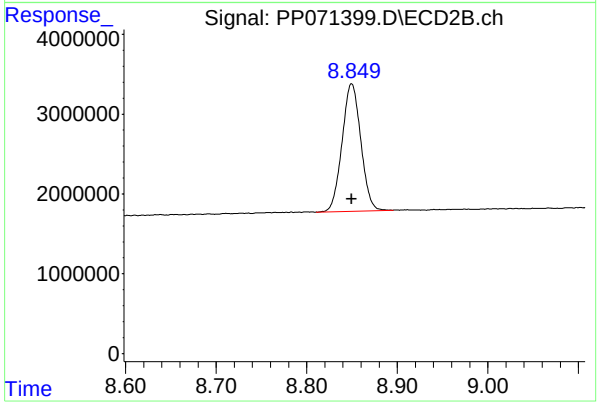
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 35812201
Conc: 25.78 ng/ml



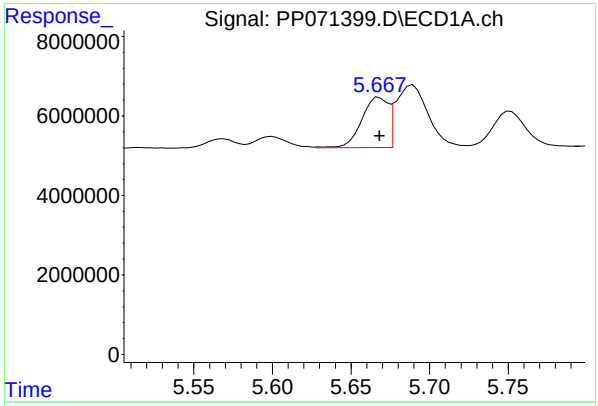
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 37582587
Conc: 26.00 ng/ml



#2 Decachlorobiphenyl

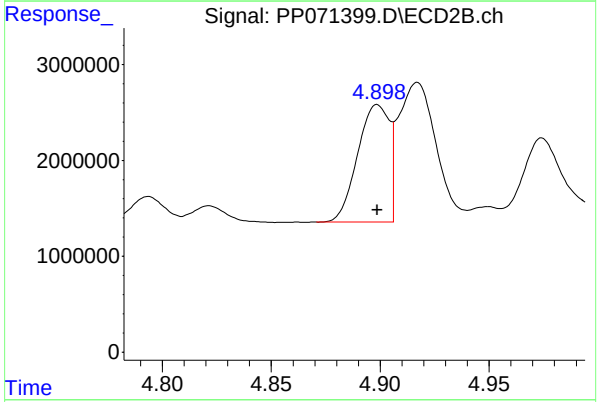
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 22937032
Conc: 26.35 ng/ml



#16 AR-1242-1

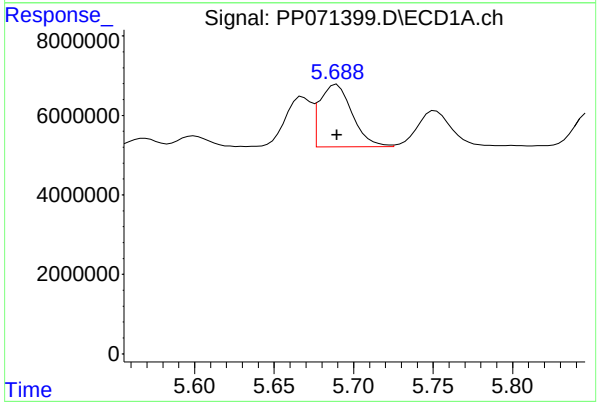
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 14669196
Conc: 258.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



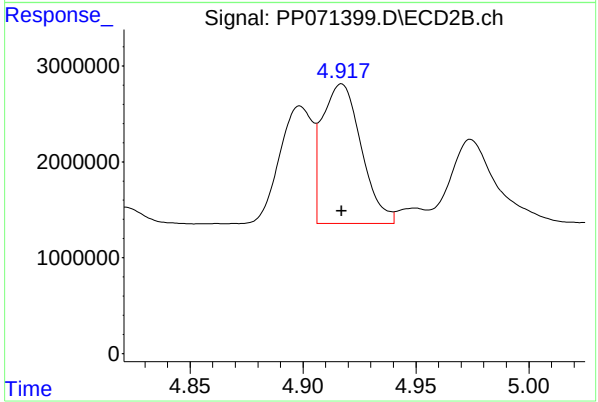
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 12394168
Conc: 268.16 ng/ml



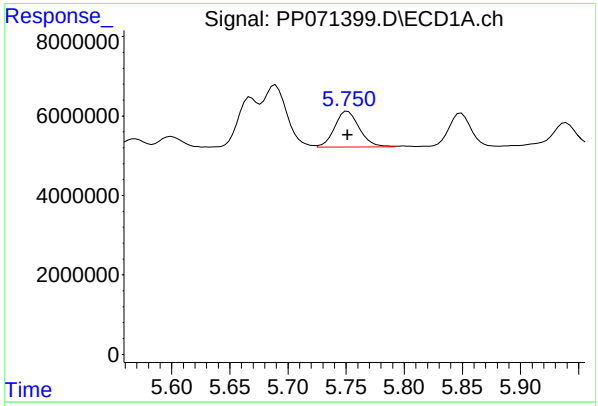
#17 AR-1242-2

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 22436050
Conc: 258.25 ng/ml



#17 AR-1242-2

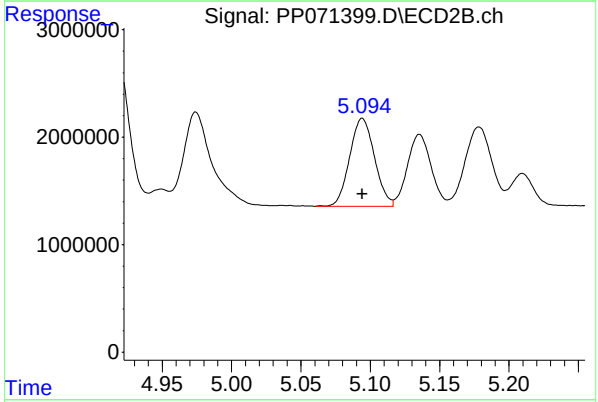
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 17569793
Conc: 264.38 ng/ml



#18 AR-1242-3

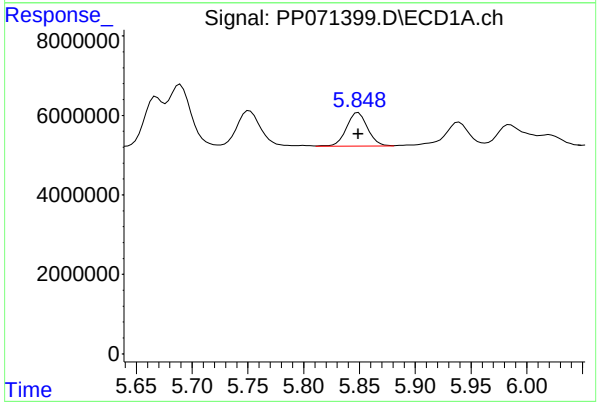
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 13459217
Conc: 259.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



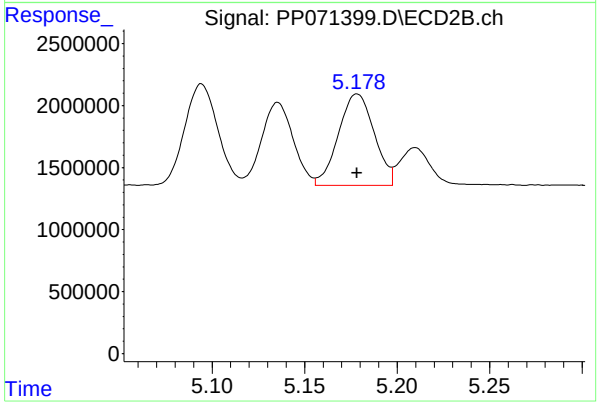
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 10184944
Conc: 272.46 ng/ml



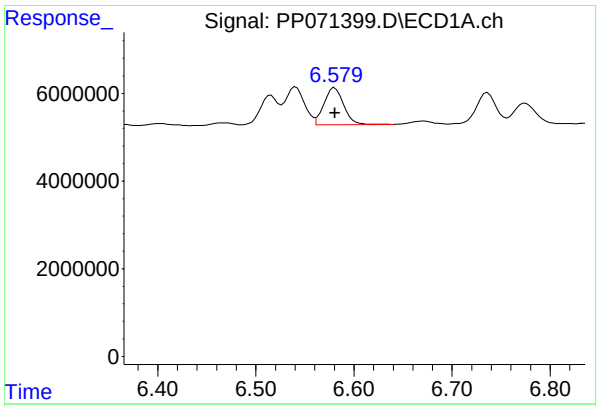
#19 AR-1242-4

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 11164111
Conc: 256.37 ng/ml



#19 AR-1242-4

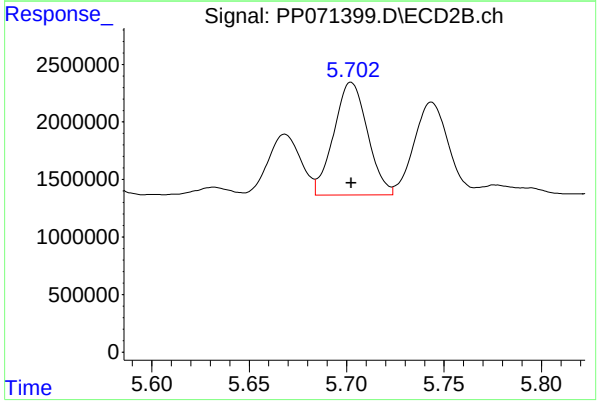
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 9920754
Conc: 272.91 ng/ml



#20 AR-1242-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 11989115
Conc: 255.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 11814664
Conc: 268.31 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:28
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:44:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:44:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.812	8065732	6945226	4.265	4.999
2)	SA Decachlor...	10.237	8.850	5895463	3833854	4.235	4.512
	Target Compounds						
16)	L4 AR-1242-1	5.670	4.899	2356519	2317190	43.025	50.108
17)	L4 AR-1242-2	5.691	4.917	3869967	3214527	45.539	48.688
18)	L4 AR-1242-3	5.754	5.094	2387637	1635706	46.703	44.877
19)	L4 AR-1242-4	5.851	5.179	1842925	1657188	43.662	46.406
20)	L4 AR-1242-5	6.582	5.702	2190873	2070356	47.329	47.586

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

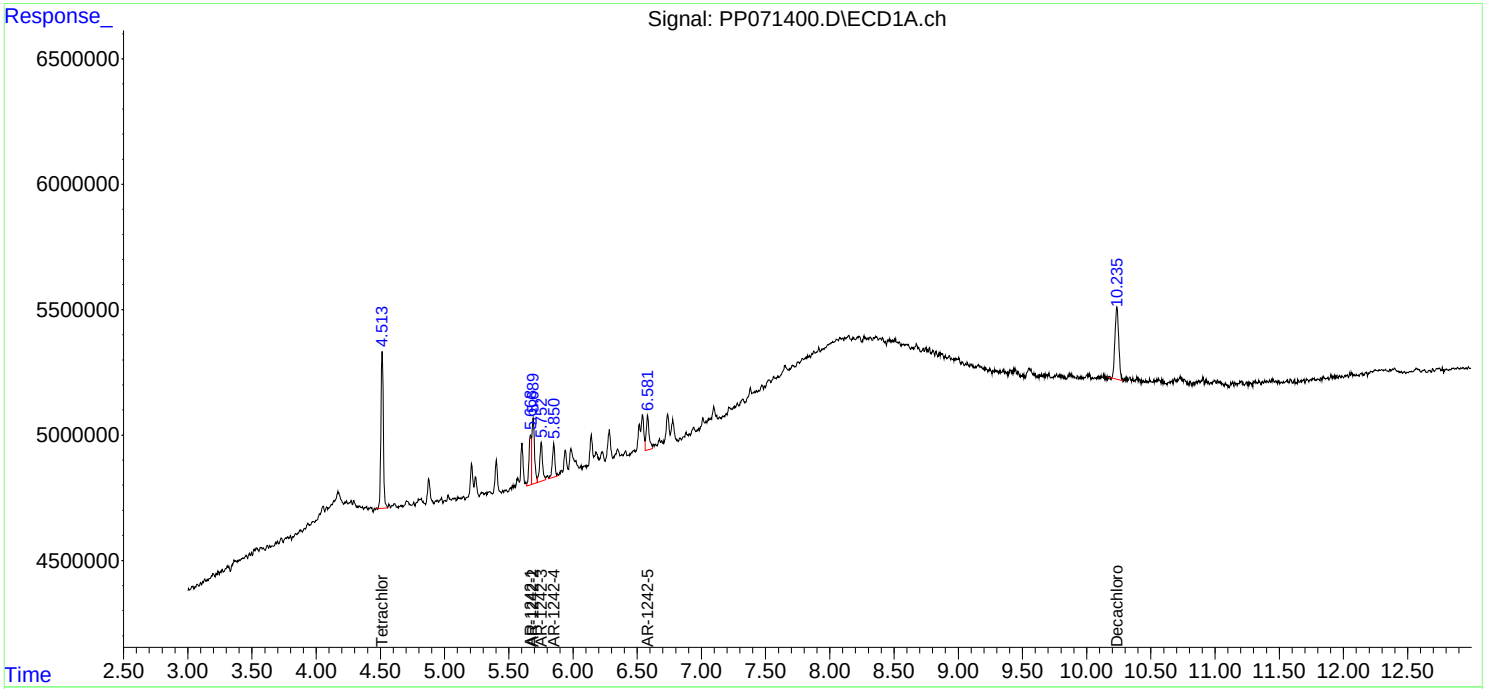
ICAL Form

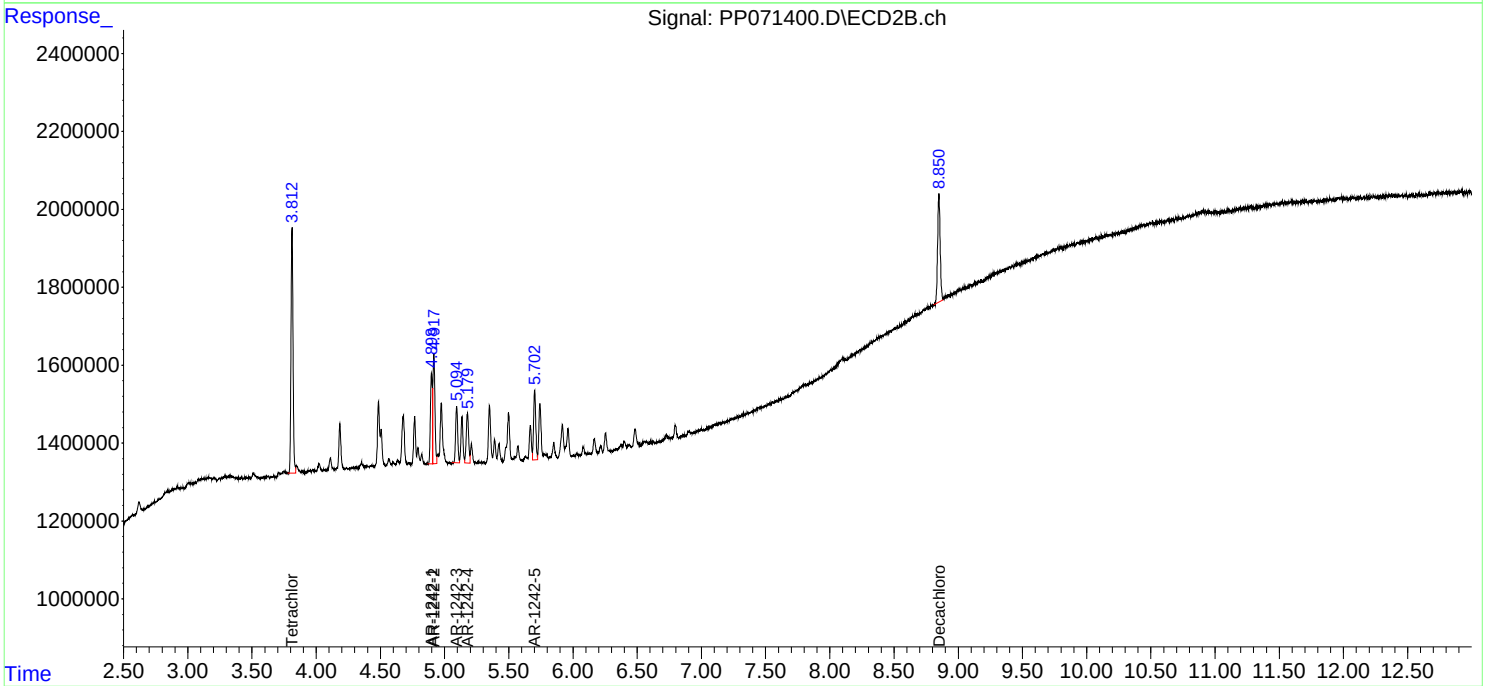
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:28
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

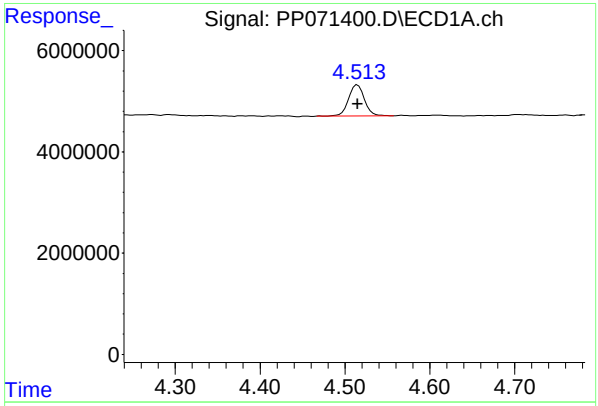
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:44:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 13:44:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



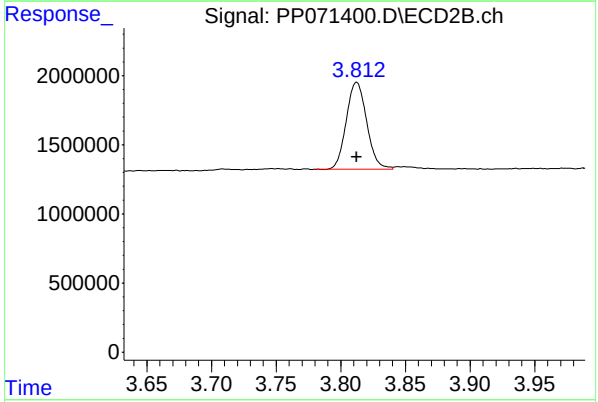




#1 Tetrachloro-m-xylene

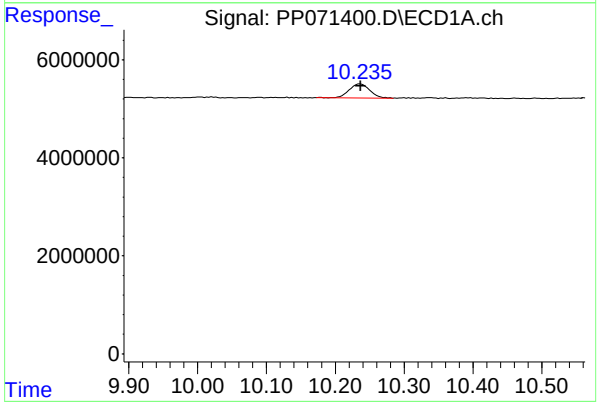
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 8065732
Conc: 4.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



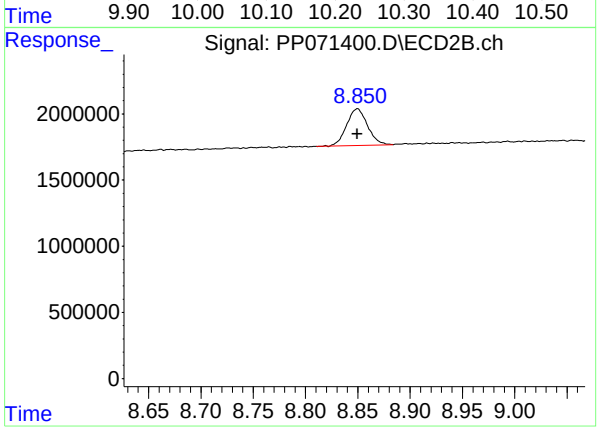
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 6945226
Conc: 5.00 ng/ml



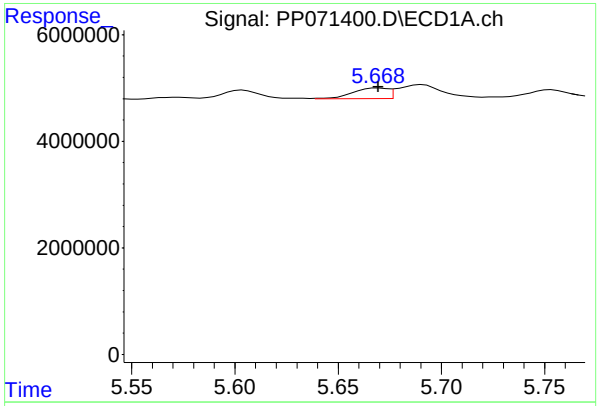
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 5895463
Conc: 4.23 ng/ml



#2 Decachlorobiphenyl

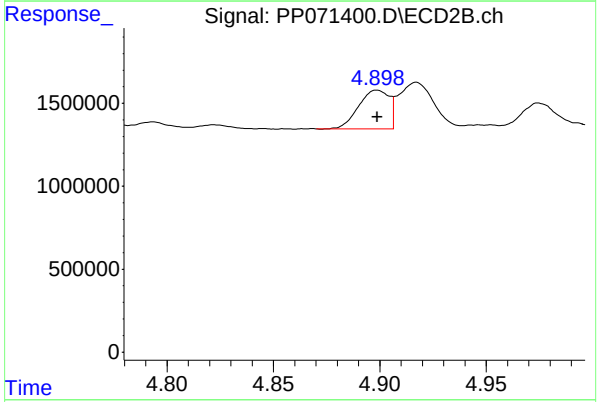
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 3833854
Conc: 4.51 ng/ml



#16 AR-1242-1

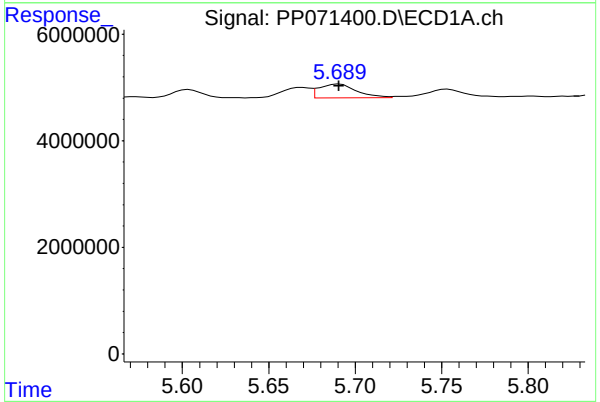
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 2356519
Conc: 43.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



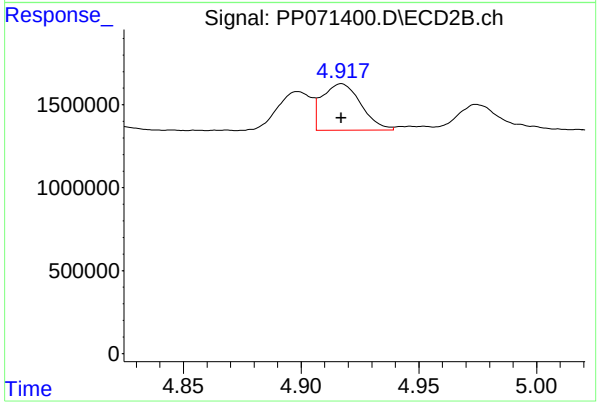
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 2317190
Conc: 50.11 ng/ml



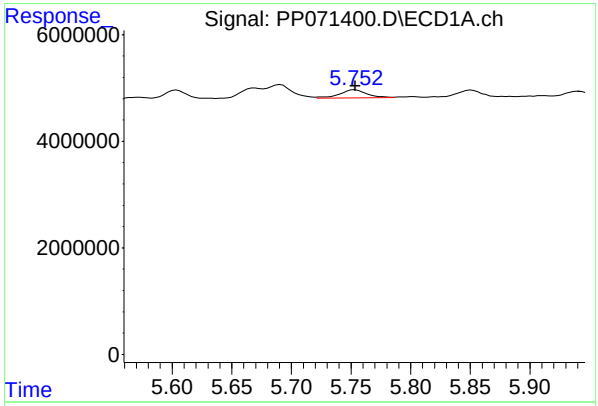
#17 AR-1242-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 3869967
Conc: 45.54 ng/ml



#17 AR-1242-2

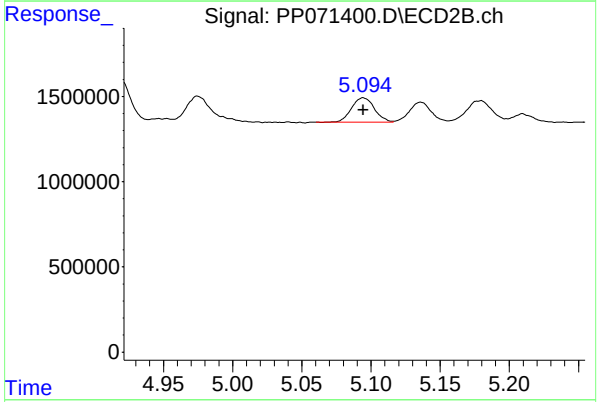
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 3214527
Conc: 48.69 ng/ml



#18 AR-1242-3

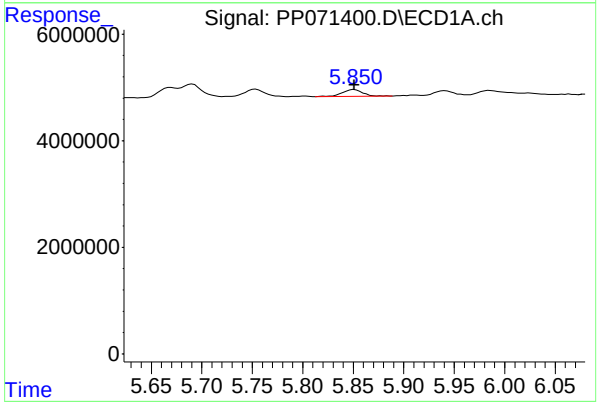
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 2387637
Conc: 46.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



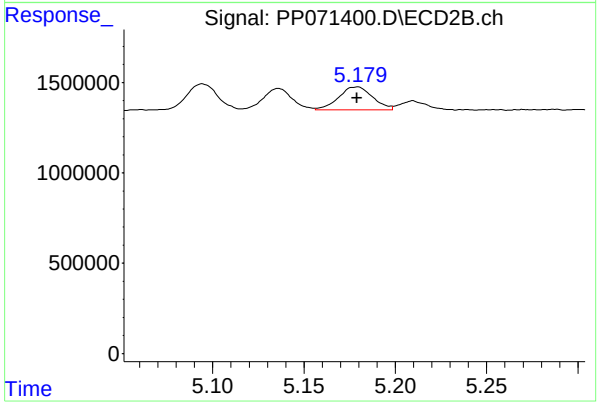
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 1635706
Conc: 44.88 ng/ml



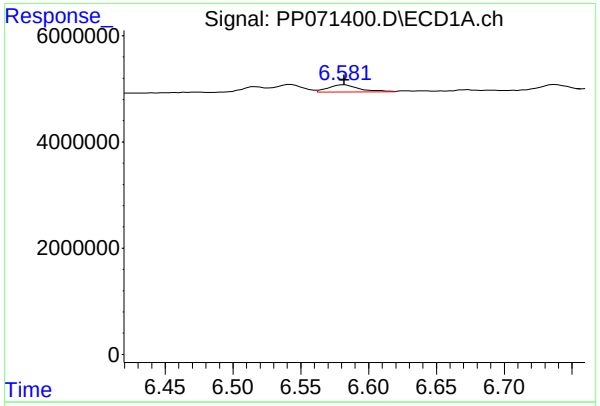
#19 AR-1242-4

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 1842925
Conc: 43.66 ng/ml



#19 AR-1242-4

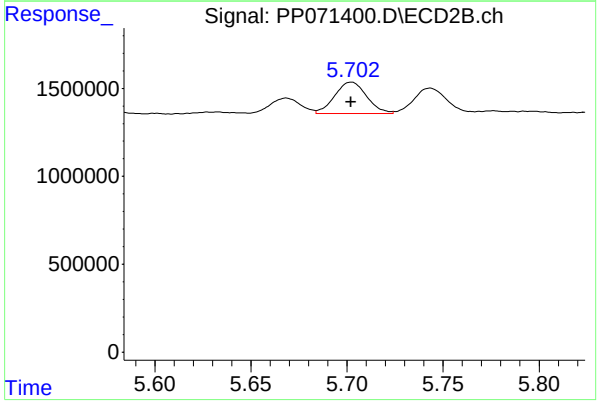
R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 1657188
Conc: 46.41 ng/ml



#20 AR-1242-5

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 2190873
Conc: 47.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 2070356
Conc: 47.59 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:45
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:30:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	187.9E6	132.5E6	97.145	92.221
2)	SA Decachlor...	10.237	8.850	137.9E6	82637510	96.283	95.713
	Target Compounds						
21)	L5 AR-1248-1	5.669	4.898	42447397	30996932	976.497	917.952
22)	L5 AR-1248-2	5.941	5.136	57932834	43624561	965.902	945.881
23)	L5 AR-1248-3	6.144	5.178	65030901	45791659	967.700	948.403
24)	L5 AR-1248-4	6.543	5.350	80777360	53871444	963.427	957.270
25)	L5 AR-1248-5	6.582	5.743	76029464	52150607	969.727	950.272

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

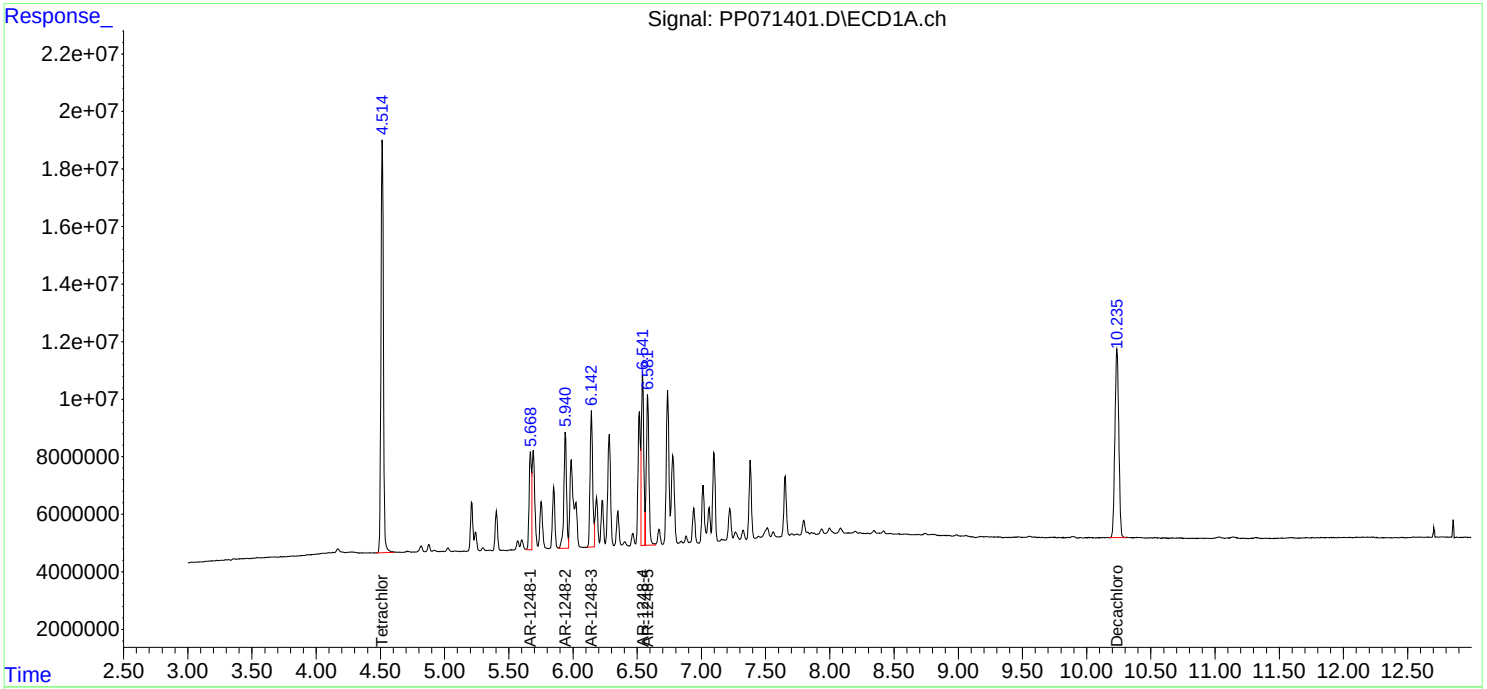
ICAL Form

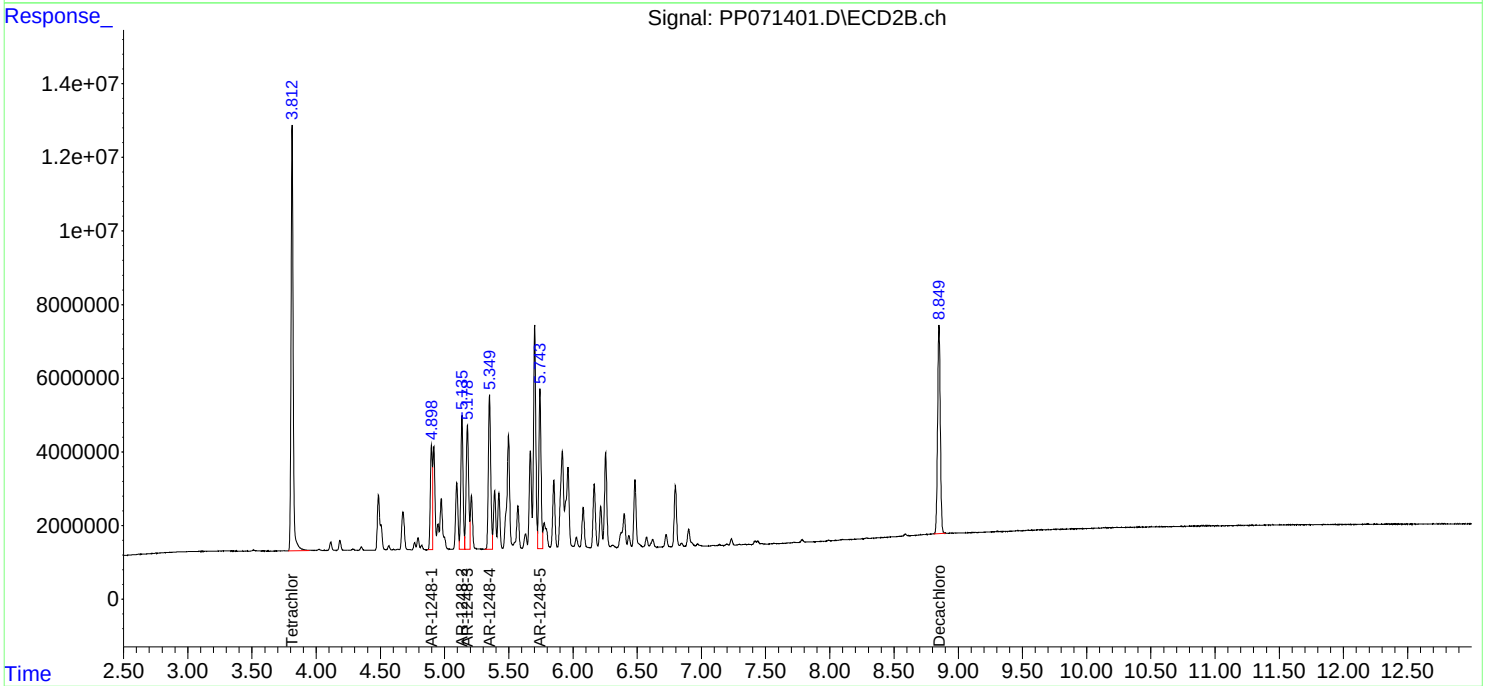
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:45
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

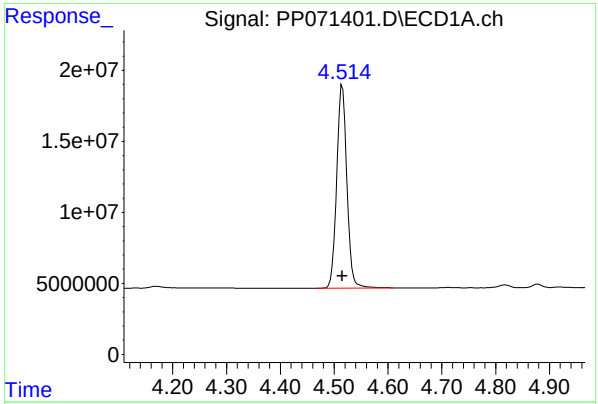
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:30:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



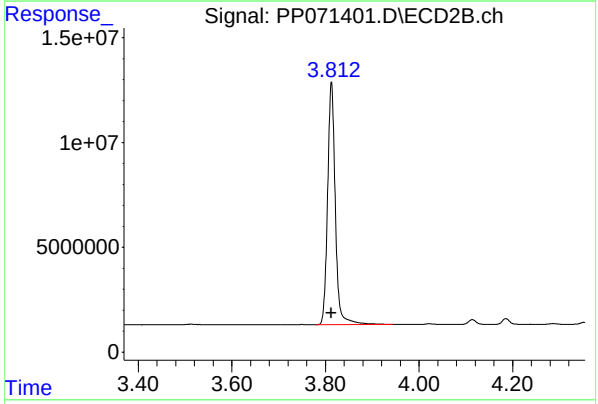




#1 Tetrachloro-m-xylene

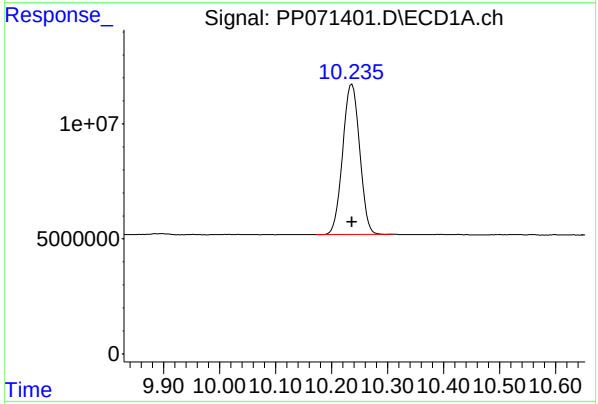
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 187919144
Conc: 97.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



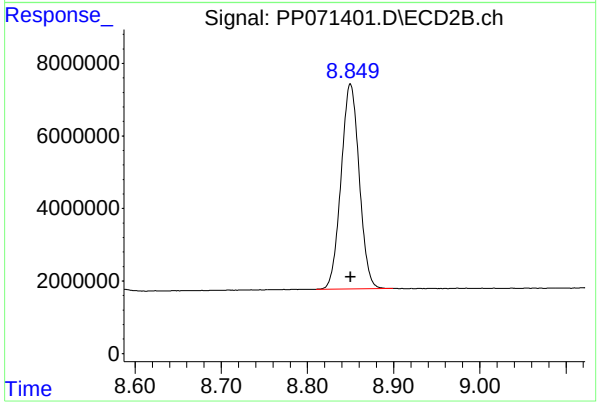
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 132471223
Conc: 92.22 ng/ml



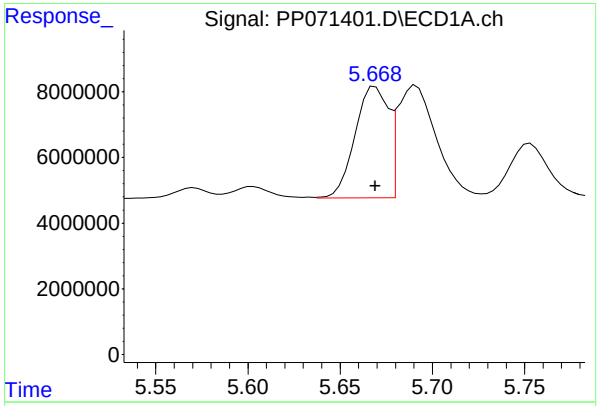
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 137913077
Conc: 96.28 ng/ml



#2 Decachlorobiphenyl

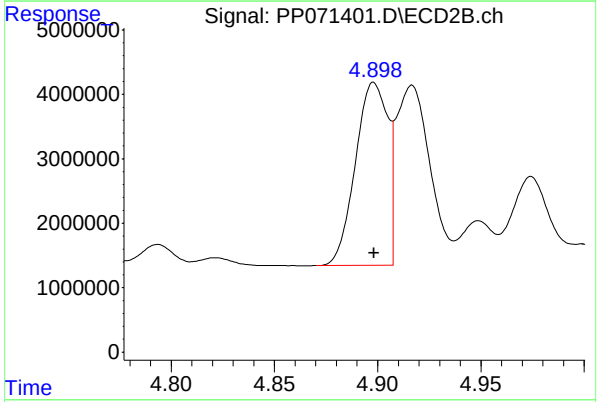
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 82637510
Conc: 95.71 ng/ml



#21 AR-1248-1

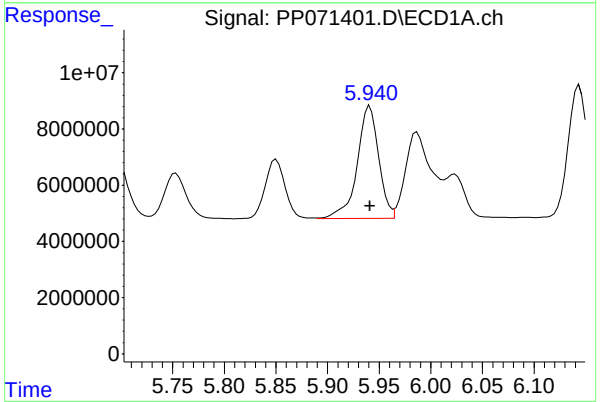
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 42447397
Conc: 976.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



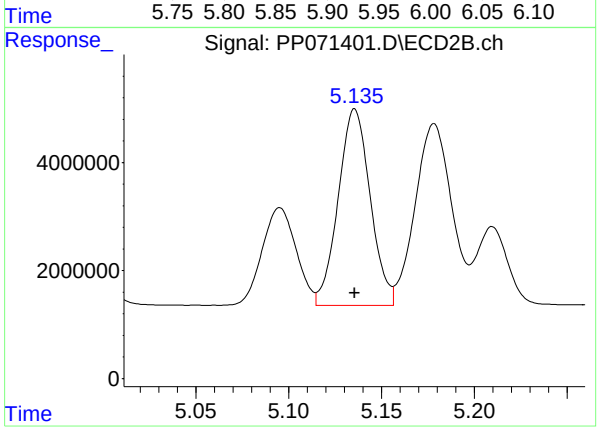
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 30996932
Conc: 917.95 ng/ml



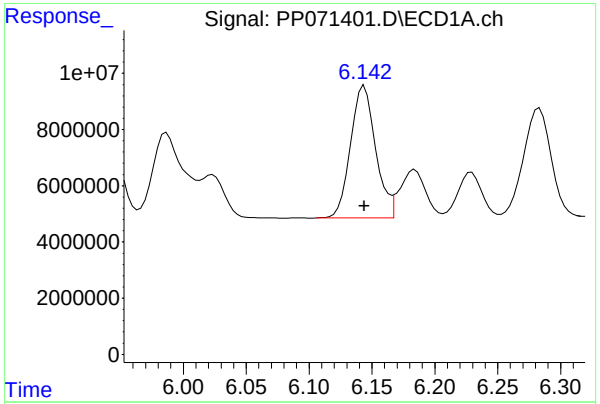
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 57932834
Conc: 965.90 ng/ml



#22 AR-1248-2

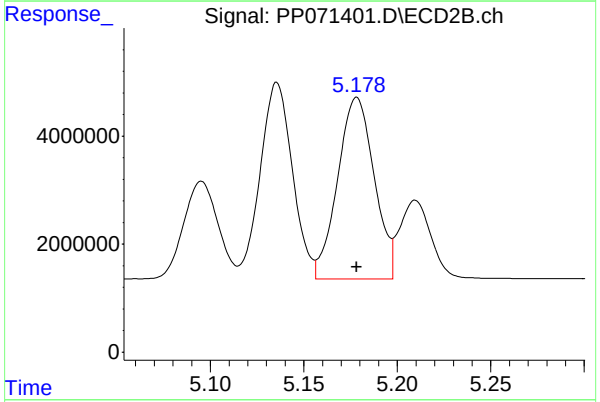
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 43624561
Conc: 945.88 ng/ml



#23 AR-1248-3

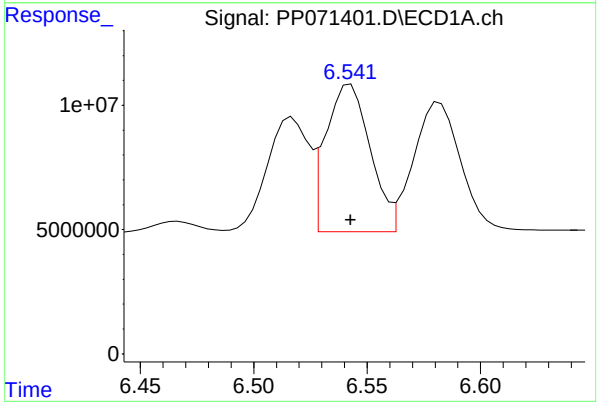
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 65030901
Conc: 967.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



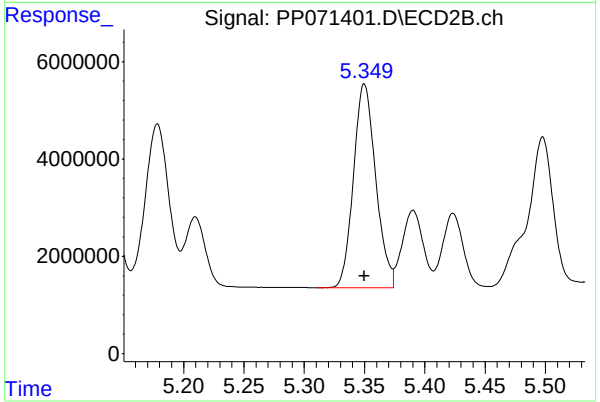
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 45791659
Conc: 948.40 ng/ml



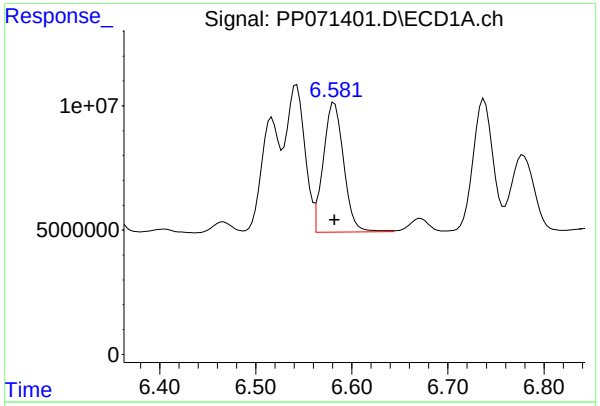
#24 AR-1248-4

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 80777360
Conc: 963.43 ng/ml



#24 AR-1248-4

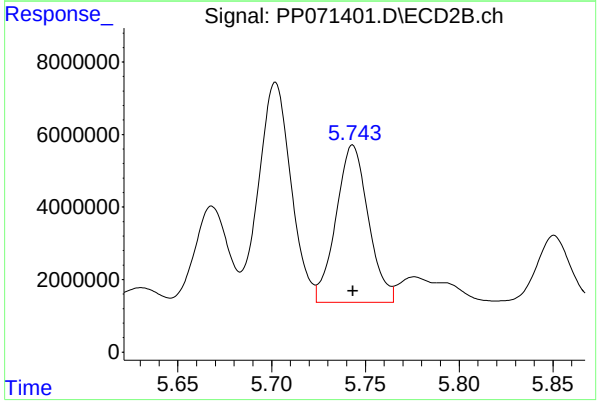
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 53871444
Conc: 957.27 ng/ml



#25 AR-1248-5

R.T.: 6.582 min
Delta R.T.: 0.000 mi
Response: 76029464
Conc: 969.73 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 52150607
Conc: 950.27 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:01
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:33:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	4.516	3.813	144.4E6	113.6E6	74.770	77.657
2) SA	Decachlor...	10.238	8.850	108.0E6	64556701	75.275	74.847
	Target Compounds						
21) L5	AR-1248-1	5.670	4.898	32527847	26959361	748.865	781.576
22) L5	AR-1248-2	5.941	5.135	45161422	35482042	751.976	762.779
23) L5	AR-1248-3	6.144	5.177	51040114	37424945	756.312	766.560
24) L5	AR-1248-4	6.543	5.350	63330814	43921936	753.553	770.043
25) L5	AR-1248-5	6.583	5.743	58877047	42217581	750.636	762.741

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

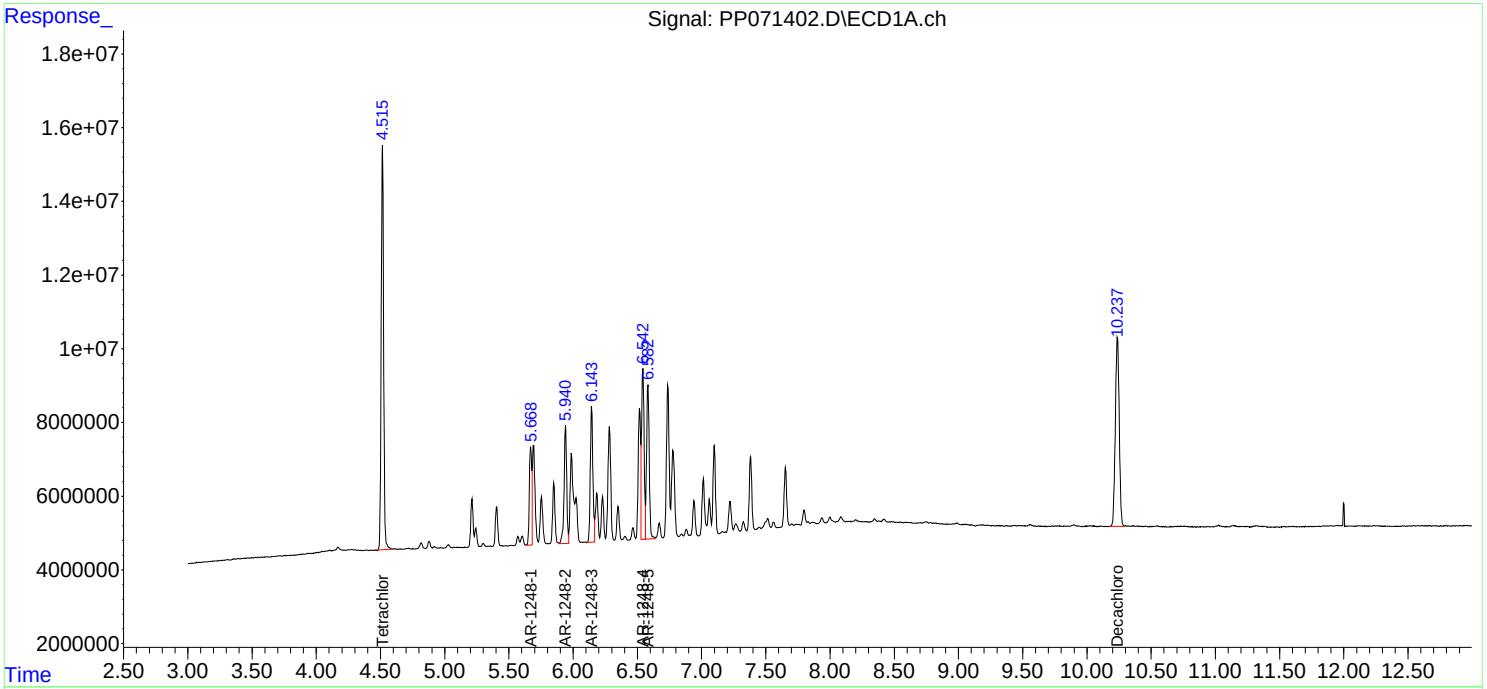
ICAL Form

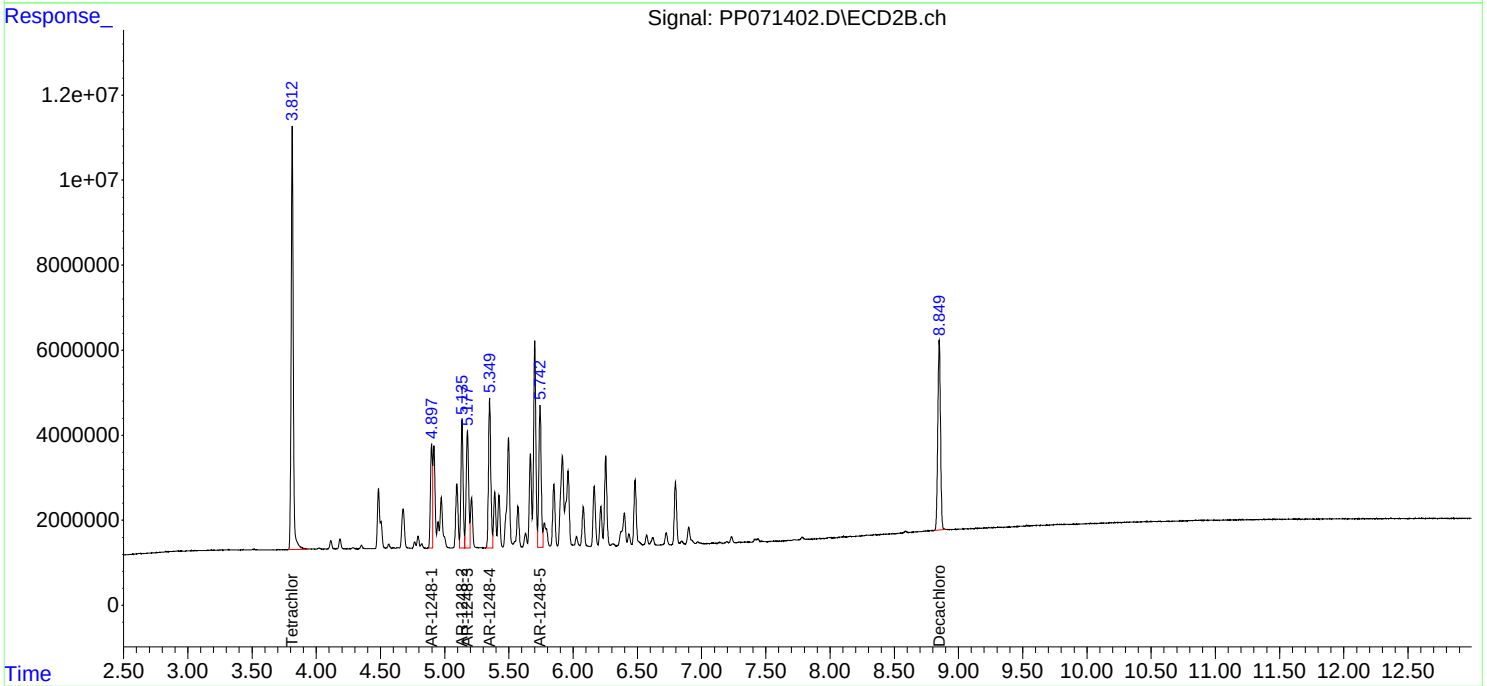
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:01
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

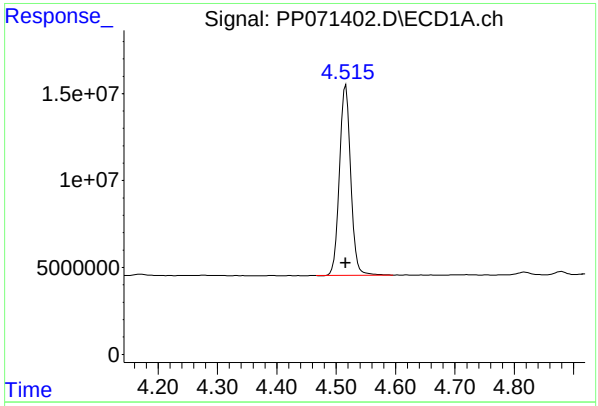
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:33:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



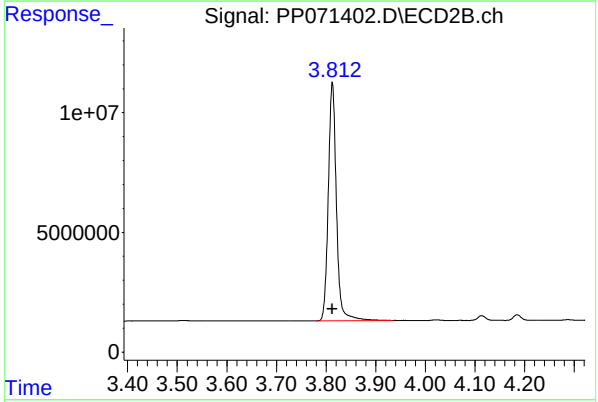




#1 Tetrachloro-m-xylene

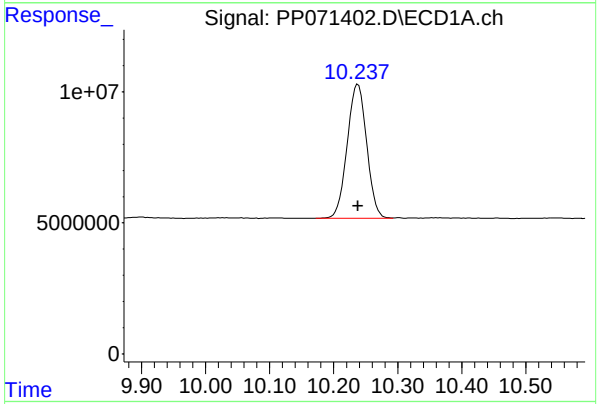
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 144413867
Conc: 74.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



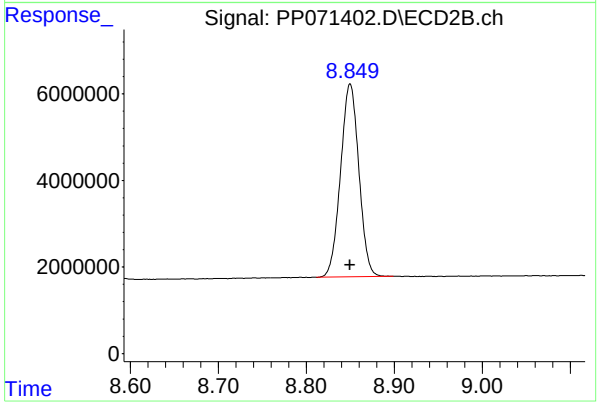
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 113561766
Conc: 77.66 ng/ml



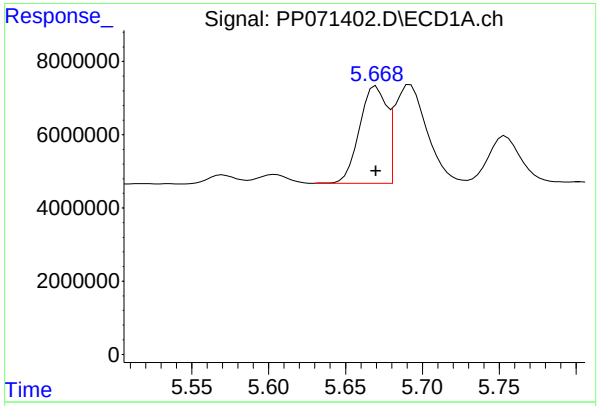
#2 Decachlorobiphenyl

R.T.: 10.238 min
Delta R.T.: 0.000 min
Response: 108020118
Conc: 75.28 ng/ml



#2 Decachlorobiphenyl

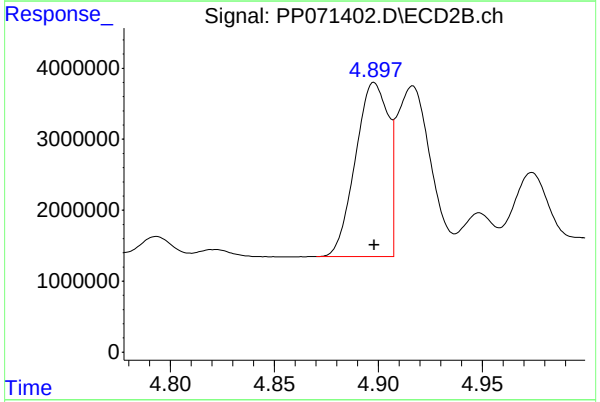
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 64556701
Conc: 74.85 ng/ml



#21 AR-1248-1

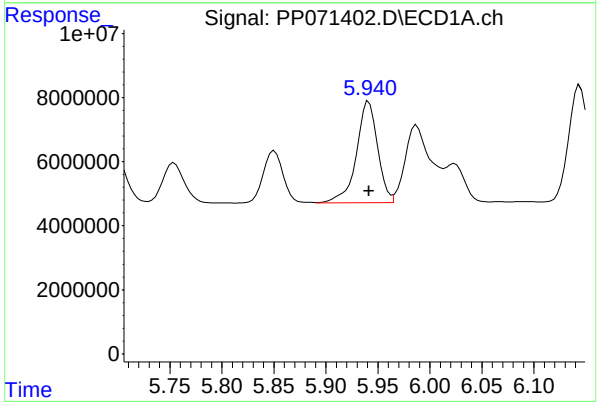
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 32527847
Conc: 748.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



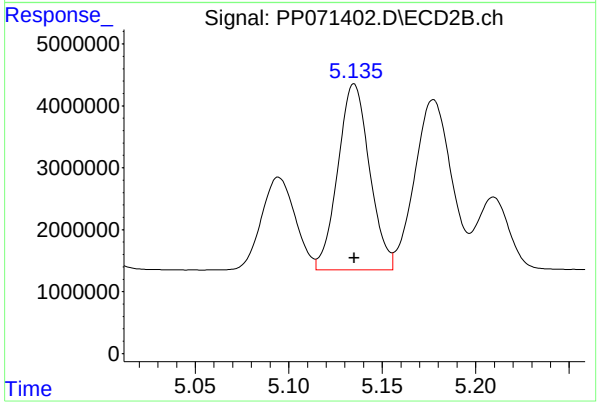
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 26959361
Conc: 781.58 ng/ml



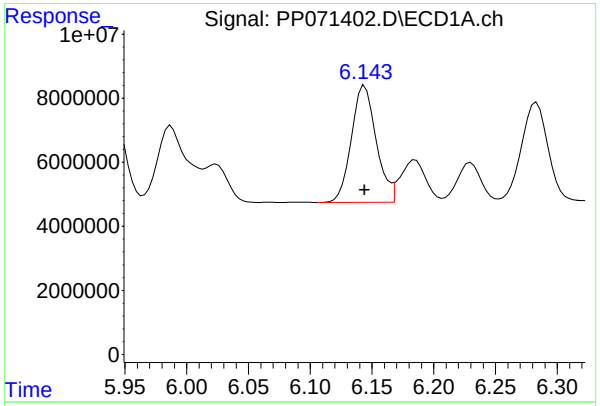
#22 AR-1248-2

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 45161422
Conc: 751.98 ng/ml



#22 AR-1248-2

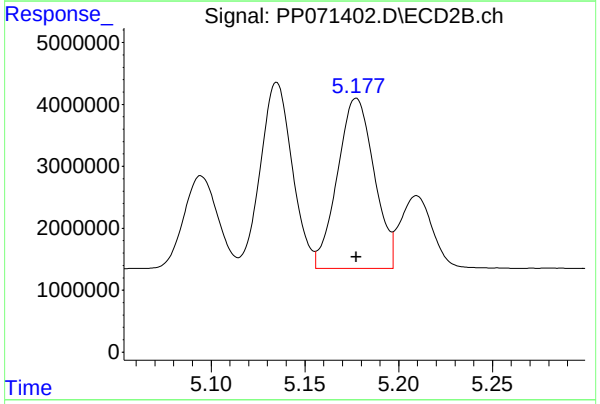
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 35482042
Conc: 762.78 ng/ml



#23 AR-1248-3

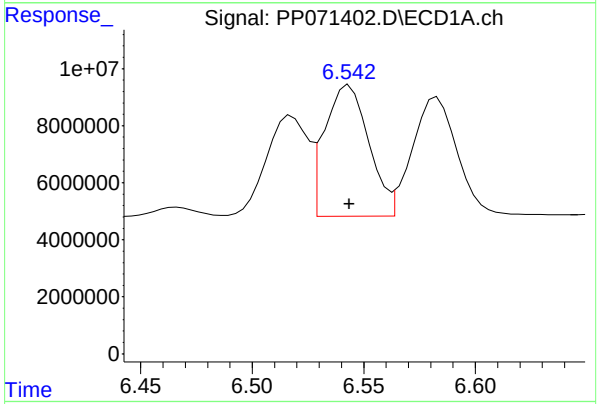
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 51040114
Conc: 756.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



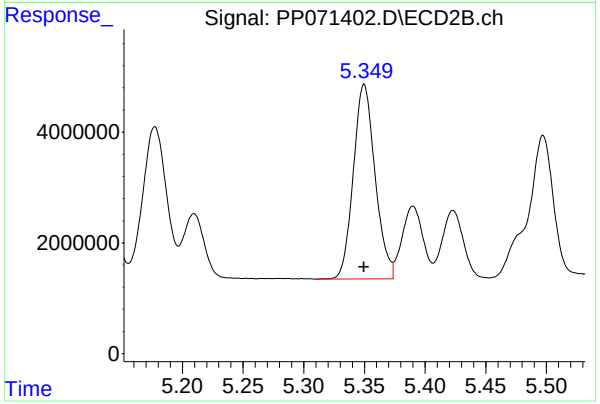
#23 AR-1248-3

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 37424945
Conc: 766.56 ng/ml



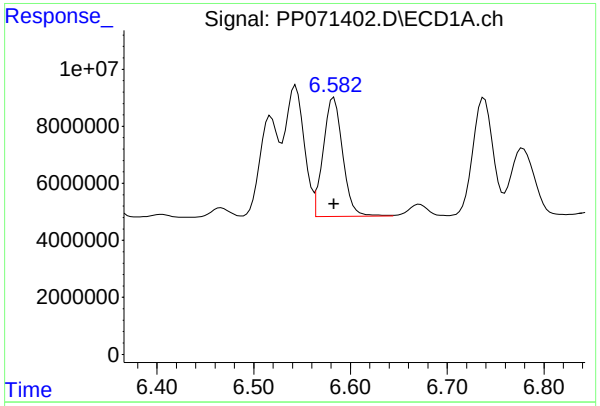
#24 AR-1248-4

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 63330814
Conc: 753.55 ng/ml



#24 AR-1248-4

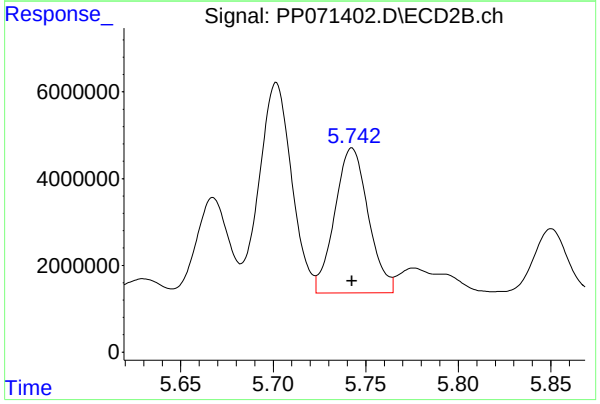
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 43921936
Conc: 770.04 ng/ml



#25 AR-1248-5

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 58877047
Conc: 750.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 42217581
Conc: 762.74 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:17
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.813	99482021	77410182	50.000	50.000
2)	SA Decachlor...	10.237	8.850	74280984	45020002	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.668	4.898	22245336	18269007	500.000	500.000
22)	L5 AR-1248-2	5.940	5.136	31011521	24308259	500.000	500.000
23)	L5 AR-1248-3	6.142	5.178	34686045	25387087	500.000	500.000
24)	L5 AR-1248-4	6.542	5.350	43455122	29340392	500.000	500.000
25)	L5 AR-1248-5	6.581	5.743	40388237	28804357	500.000	500.000

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

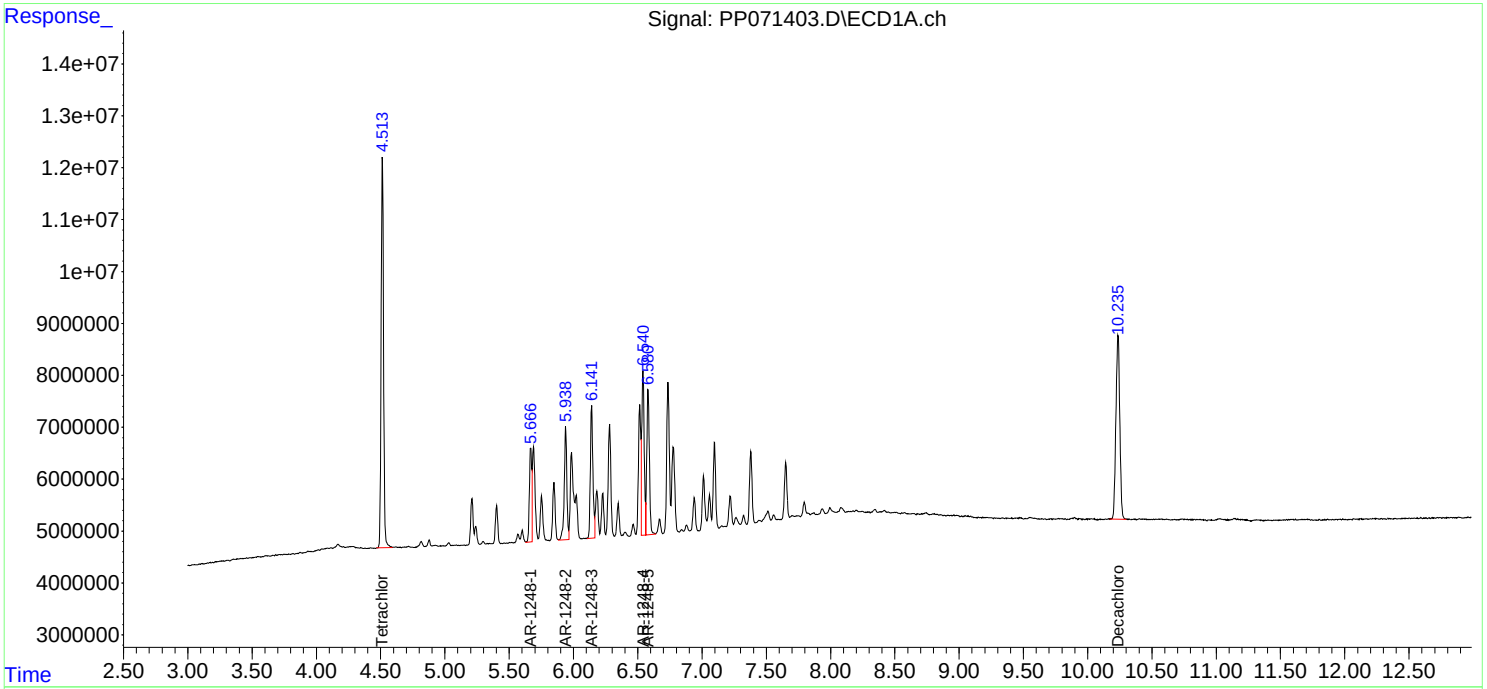
ICAL Form

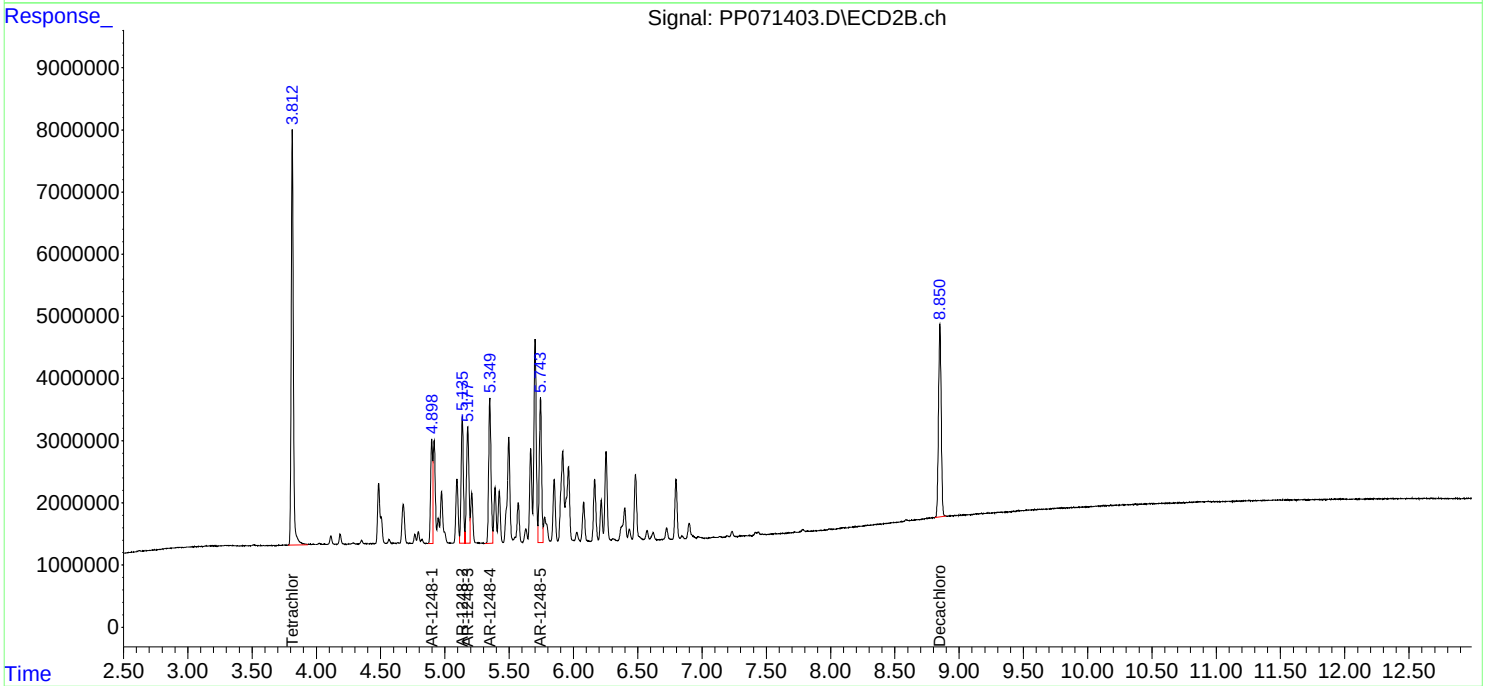
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:17
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

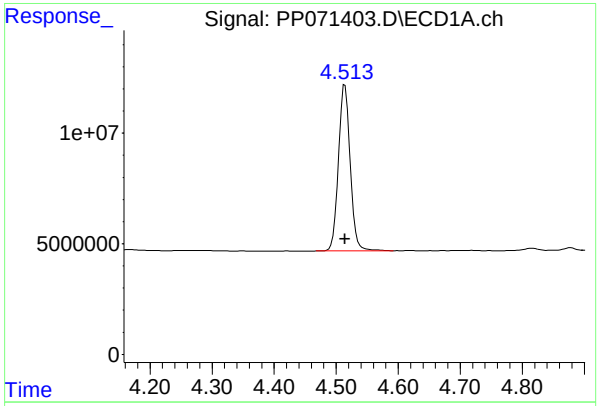
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:27:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



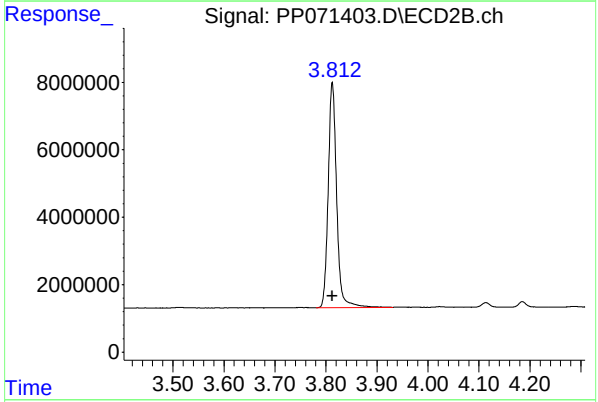




#1 Tetrachloro-m-xylene

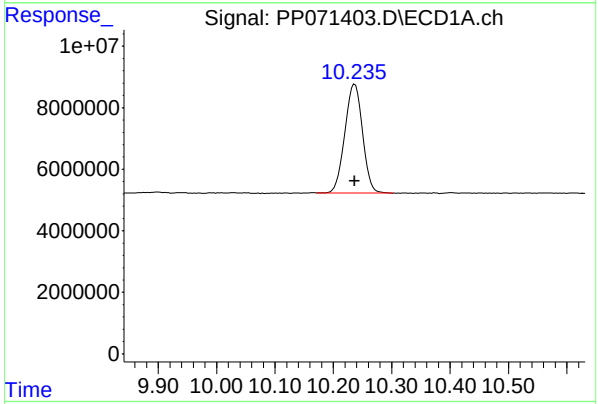
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 99482021
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



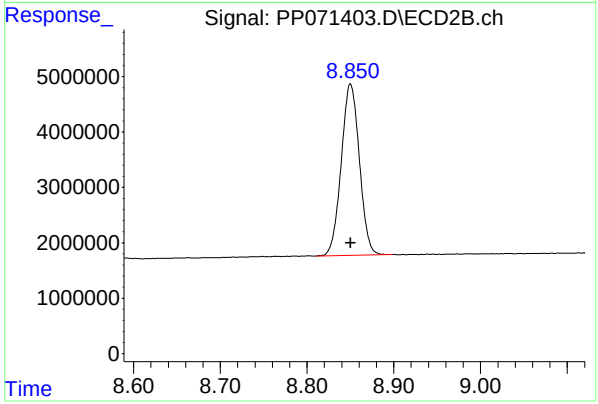
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 77410182
Conc: 50.00 ng/ml



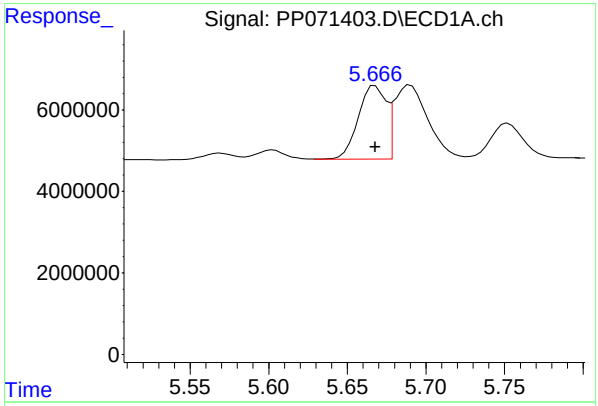
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 74280984
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

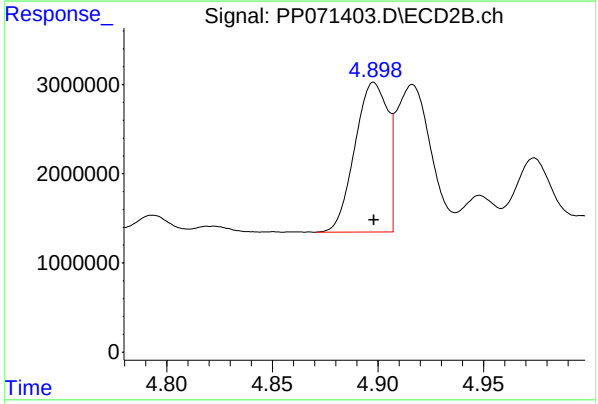
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 45020002
Conc: 50.00 ng/ml



#21 AR-1248-1

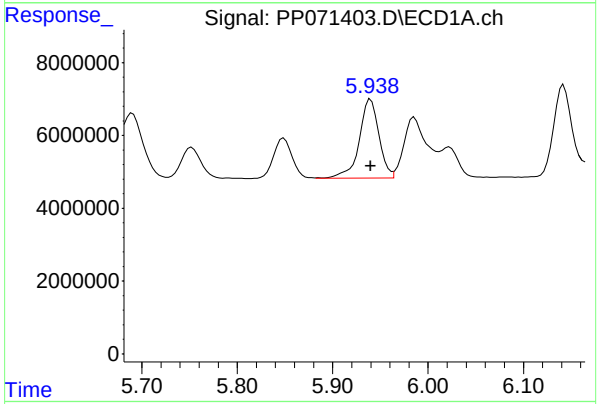
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 22245336
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



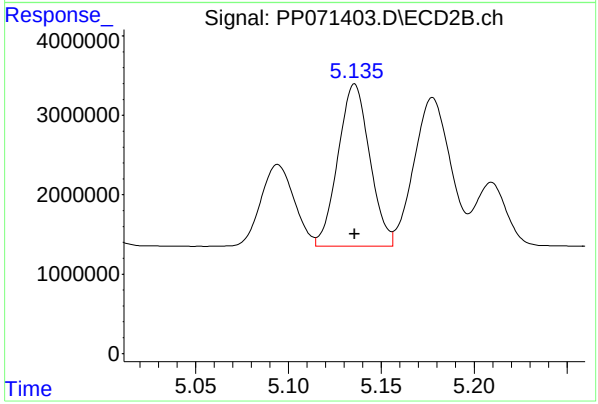
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 18269007
Conc: 500.00 ng/ml



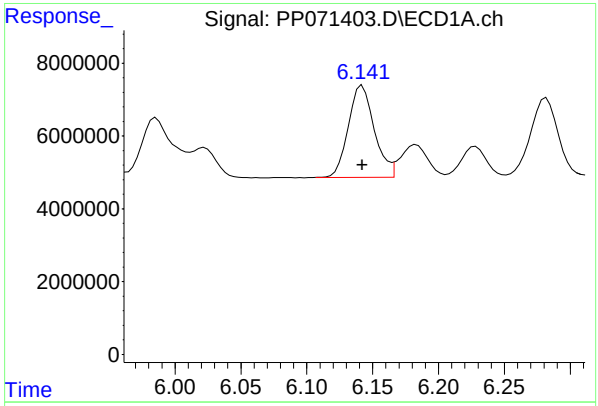
#22 AR-1248-2

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 31011521
Conc: 500.00 ng/ml



#22 AR-1248-2

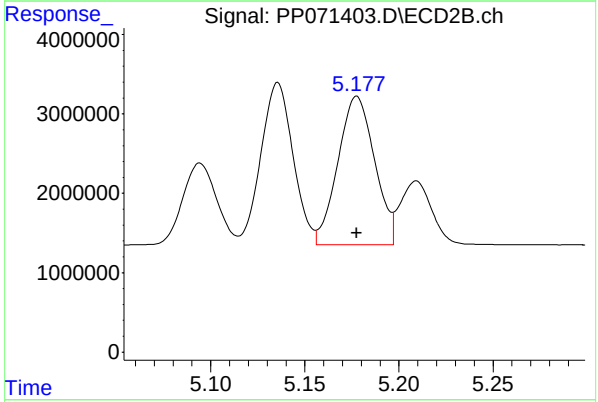
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 24308259
Conc: 500.00 ng/ml



#23 AR-1248-3

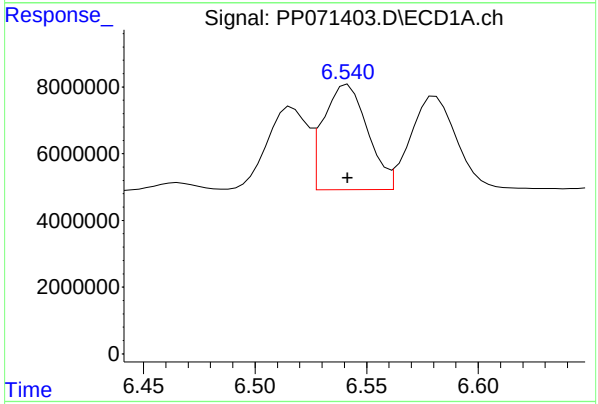
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 34686045
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



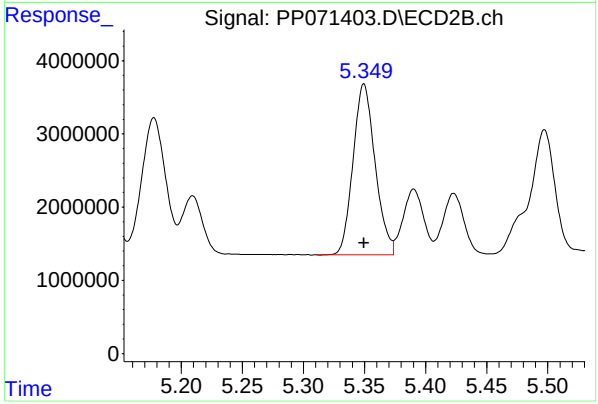
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 25387087
Conc: 500.00 ng/ml



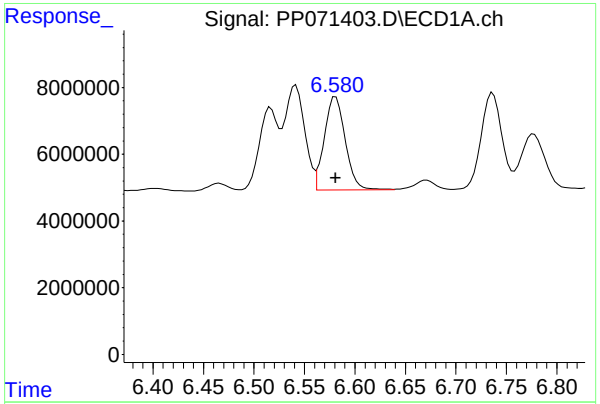
#24 AR-1248-4

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 43455122
Conc: 500.00 ng/ml



#24 AR-1248-4

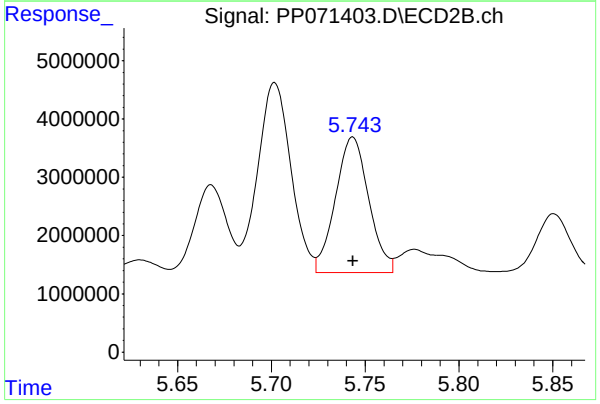
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 29340392
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.581 min
Delta R.T.: 0.000 mi
Response: 40388237
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 28804357
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:33
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:46:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:46:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	50940076	35871474	26.017	24.646
2)	SA Decachlor...	10.236	8.850	38029945	23509396	26.110	26.655
	Target Compounds						
21)	L5 AR-1248-1	5.668	4.898	11434087	9814021	259.799	275.024
22)	L5 AR-1248-2	5.940	5.135	15821478	13376378	259.947	277.150
23)	L5 AR-1248-3	6.143	5.178	17579514	14000544	257.788	276.598
24)	L5 AR-1248-4	6.542	5.350	22285729	16222320	261.208	274.950
25)	L5 AR-1248-5	6.581	5.743	20888056	16317809	262.033	282.168

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

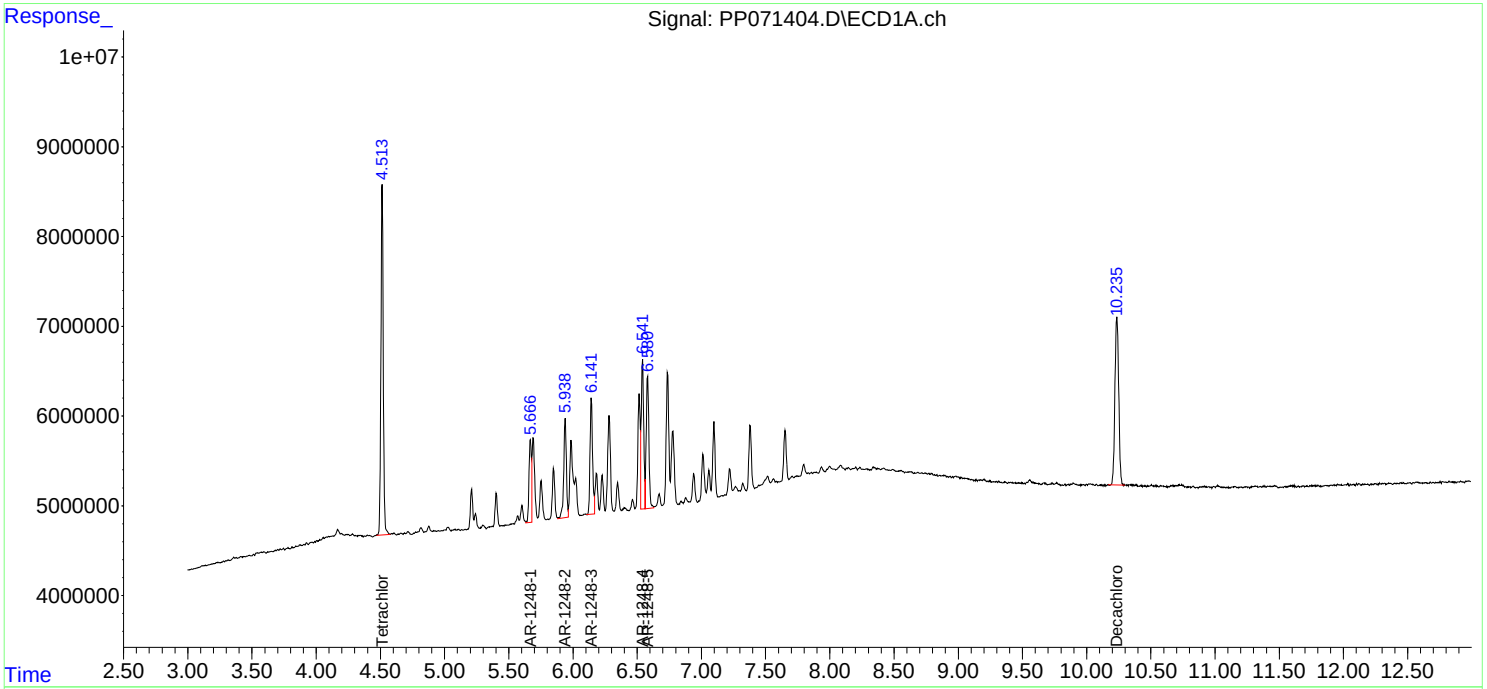
ICAL Form

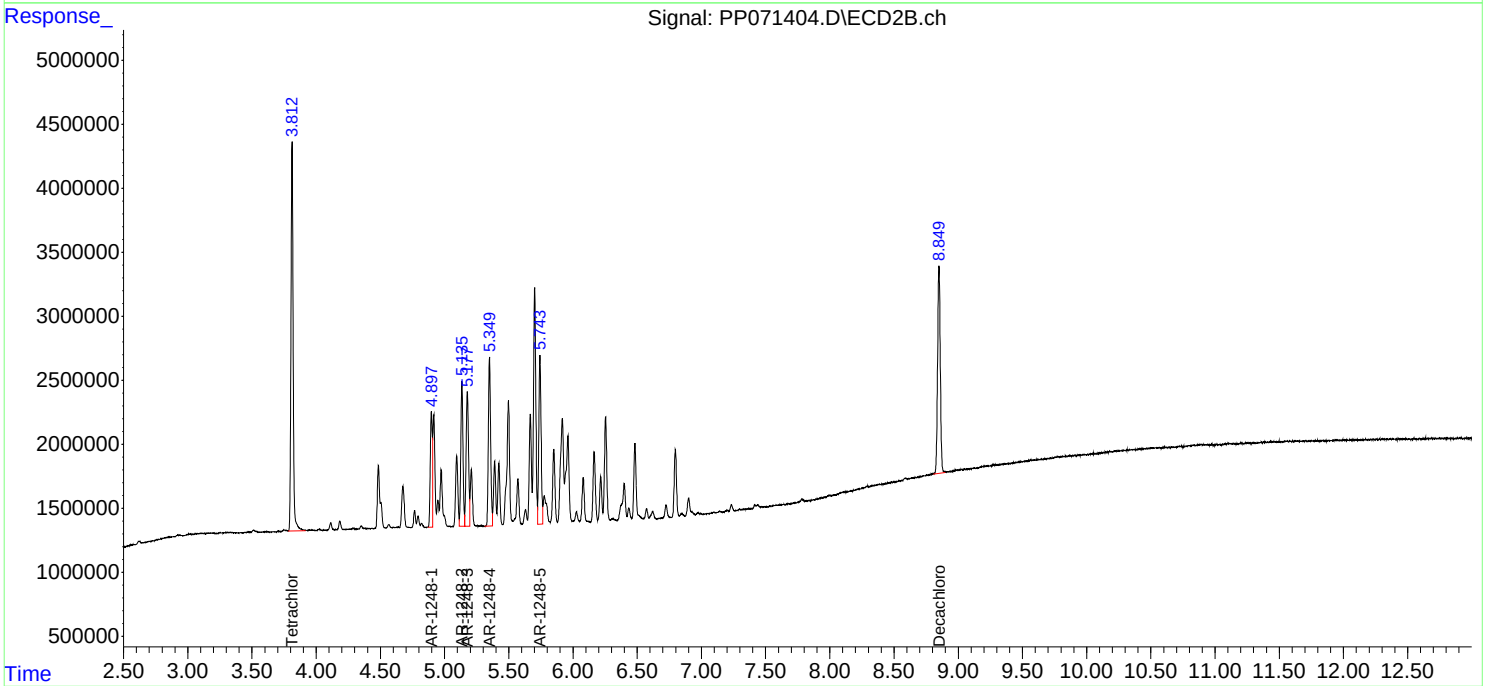
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:33
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

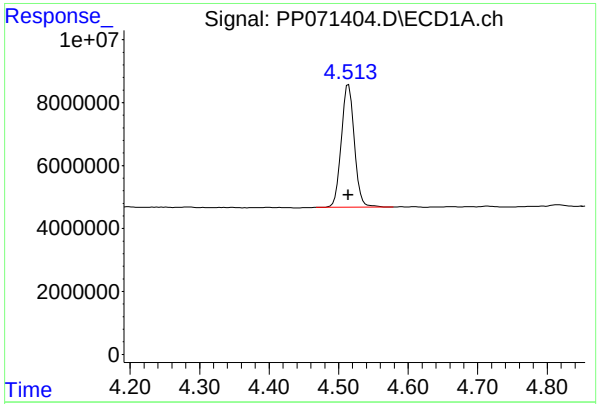
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 14:46:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 14:46:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



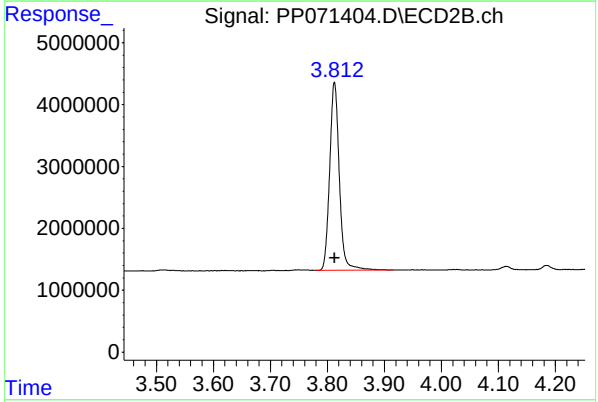




#1 Tetrachloro-m-xylene

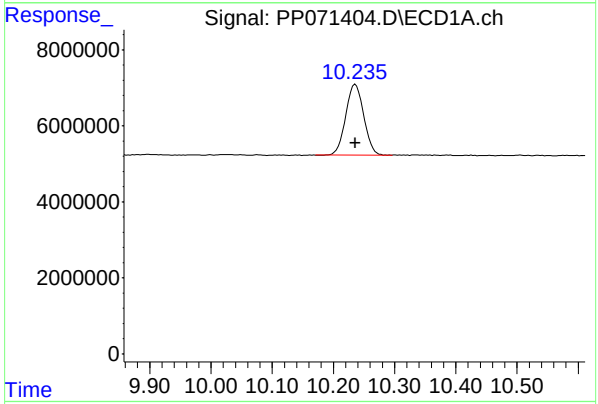
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 50940076
Conc: 26.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



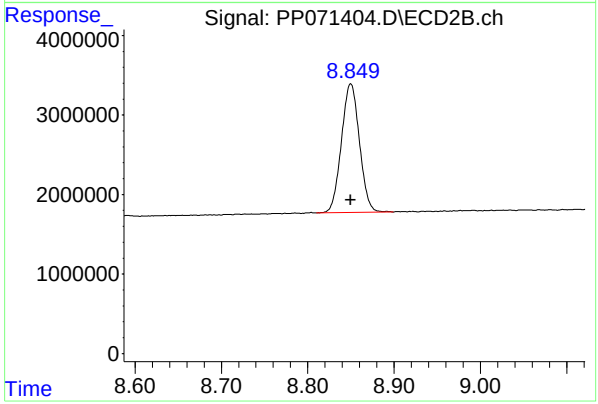
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 35871474
Conc: 24.65 ng/ml



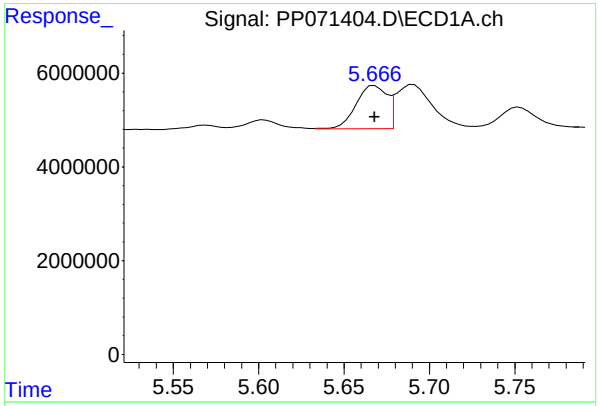
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 38029945
Conc: 26.11 ng/ml



#2 Decachlorobiphenyl

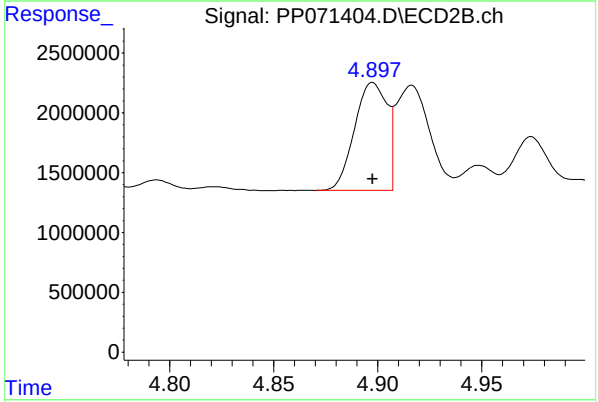
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 23509396
Conc: 26.66 ng/ml



#21 AR-1248-1

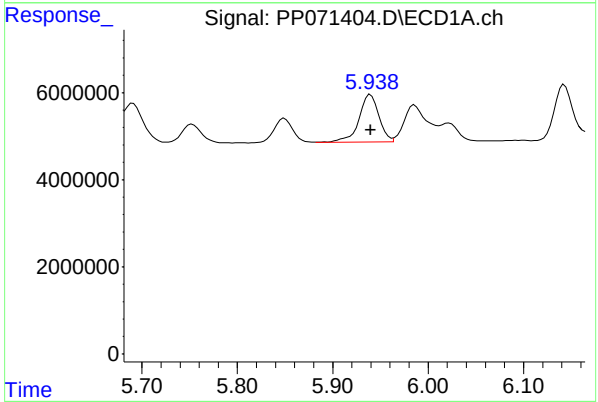
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 11434087
Conc: 259.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



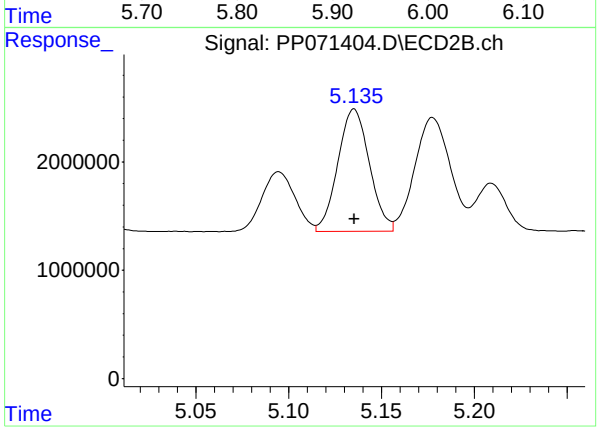
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 9814021
Conc: 275.02 ng/ml



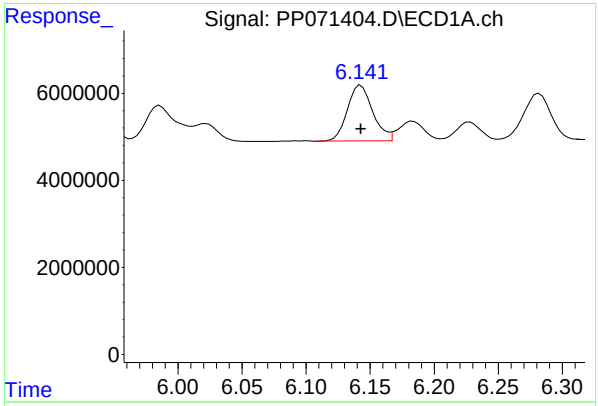
#22 AR-1248-2

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 15821478
Conc: 259.95 ng/ml



#22 AR-1248-2

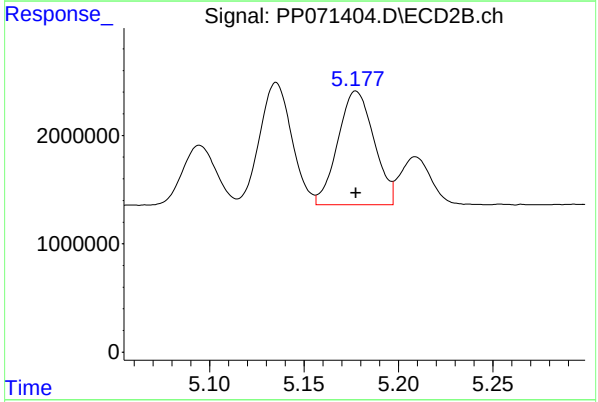
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 13376378
Conc: 277.15 ng/ml



#23 AR-1248-3

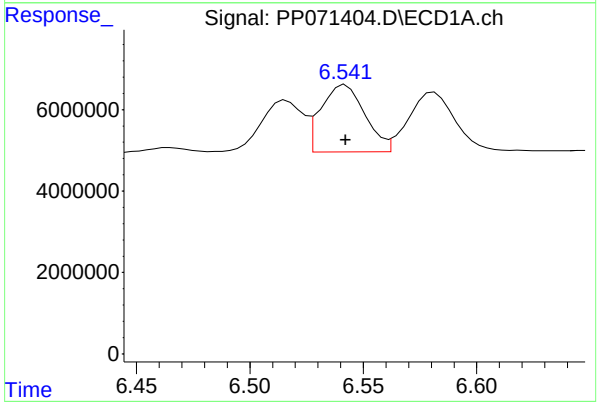
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 17579514
Conc: 257.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



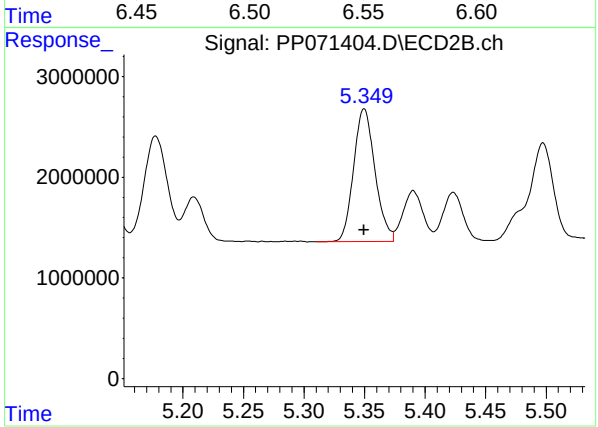
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 14000544
Conc: 276.60 ng/ml



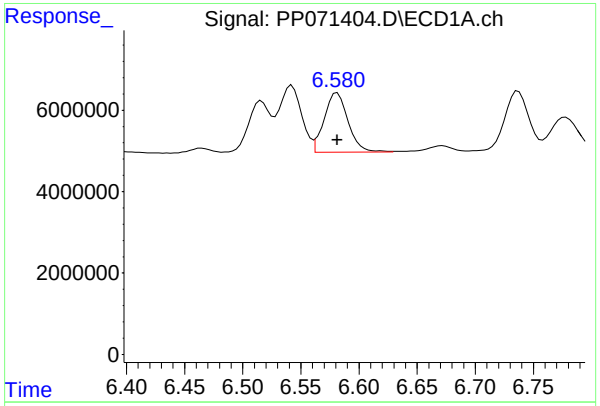
#24 AR-1248-4

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 22285729
Conc: 261.21 ng/ml



#24 AR-1248-4

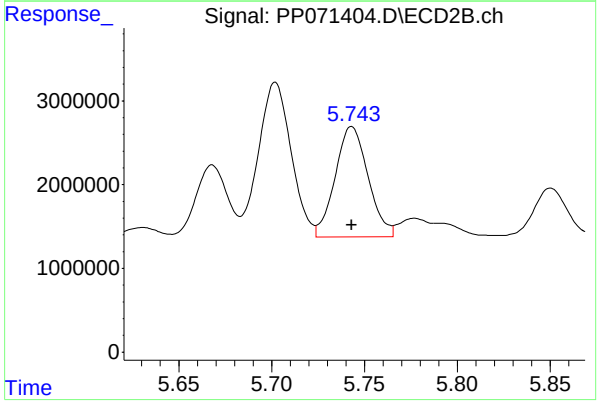
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 16222320
Conc: 274.95 ng/ml



#25 AR-1248-5

R.T.: 6.581 min
Delta R.T.: 0.000 mi
Response: 20888056
Conc: 262.03 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 16317809
Conc: 282.17 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:04:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:04:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.813	9059747	7084653	4.697	4.893
2)	SA Decachlor...	10.236	8.850	6791716	4608858	4.727	5.179
	Target Compounds						
21)	L5 AR-1248-1	5.667	4.899	1932478	1889804	45.005	52.340
22)	L5 AR-1248-2	5.939	5.136	2935274	2587801	48.571	52.853
23)	L5 AR-1248-3	6.142	5.178	3057380	2647979	45.780	51.834
24)	L5 AR-1248-4	6.541	5.350	4089143	3364119	48.329	55.461
25)	L5 AR-1248-5	6.581	5.744	3919031	3006686	49.328	51.581

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

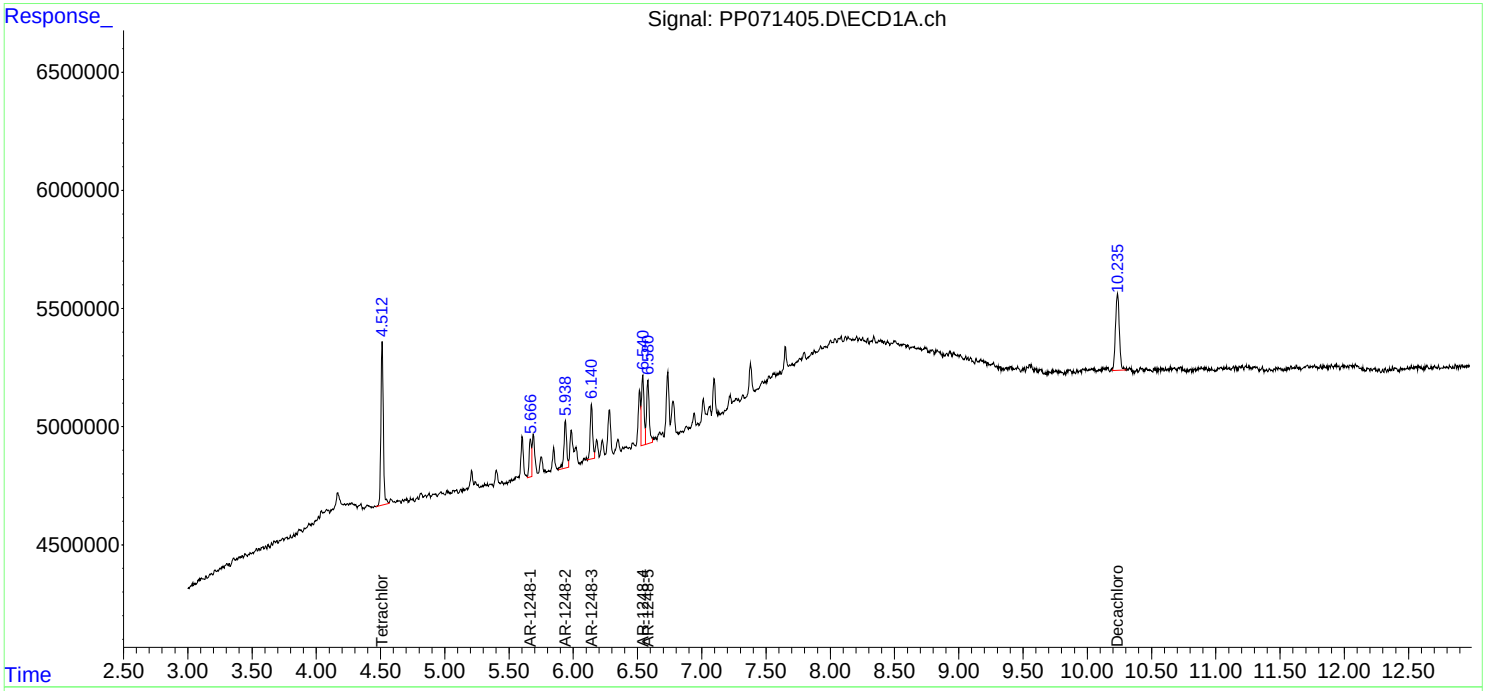
ICAL Form

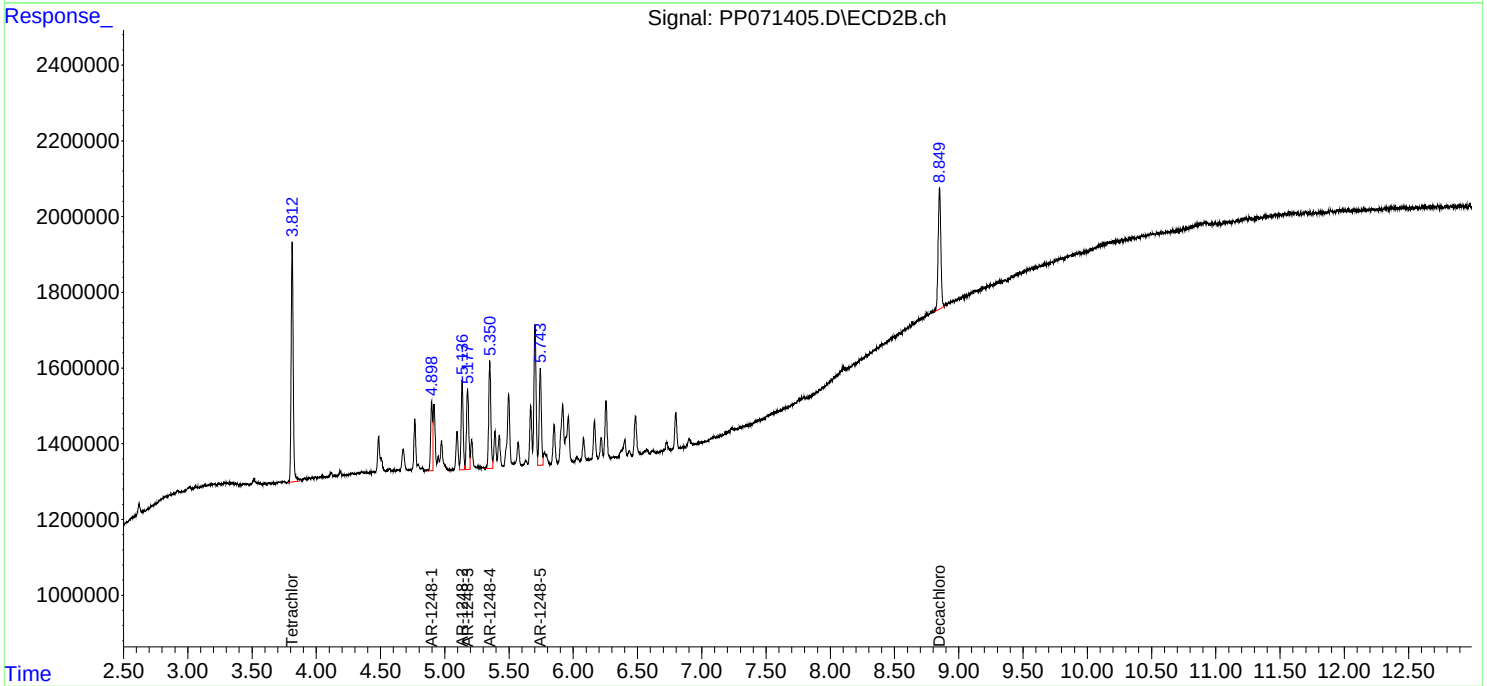
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

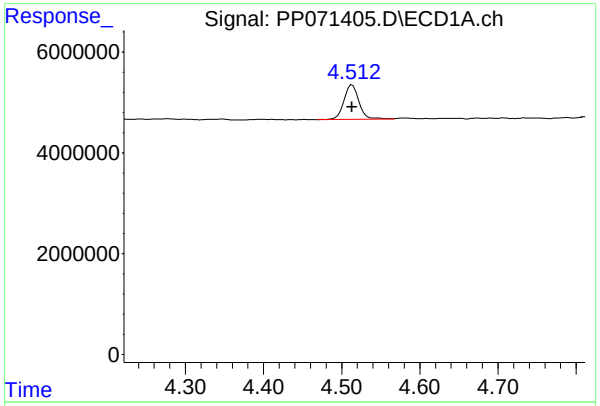
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:04:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:04:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



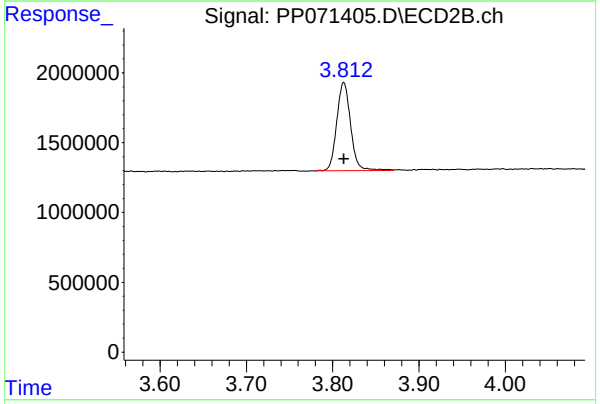




#1 Tetrachloro-m-xylene

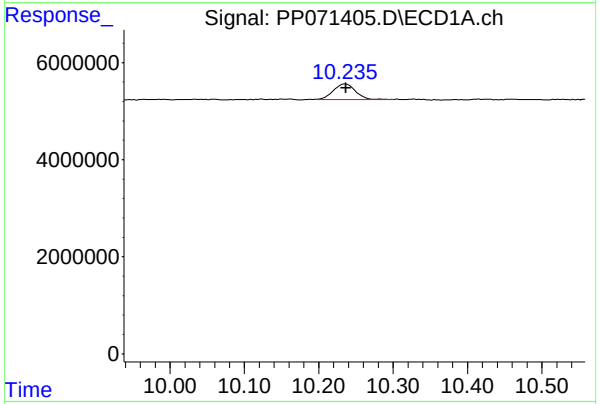
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 9059747
Conc: 4.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



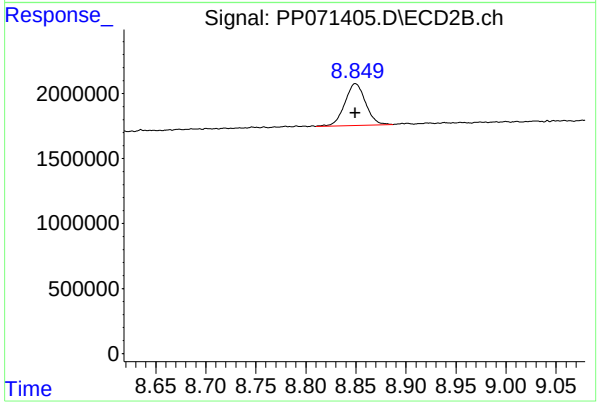
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 7084653
Conc: 4.89 ng/ml



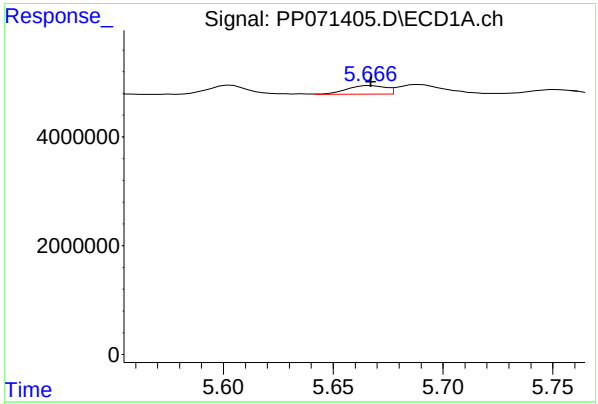
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 6791716
Conc: 4.73 ng/ml



#2 Decachlorobiphenyl

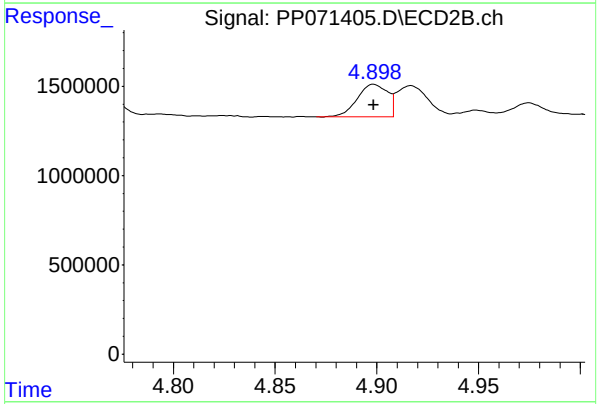
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4608858
Conc: 5.18 ng/ml



#21 AR-1248-1

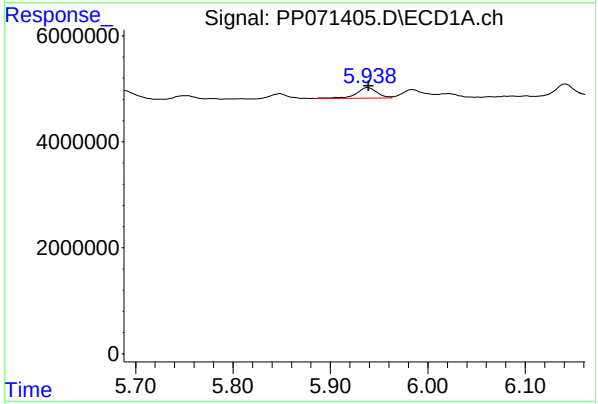
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 1932478
Conc: 45.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



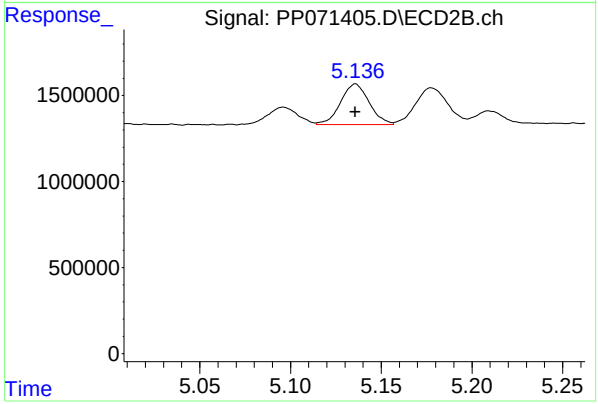
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 1889804
Conc: 52.34 ng/ml



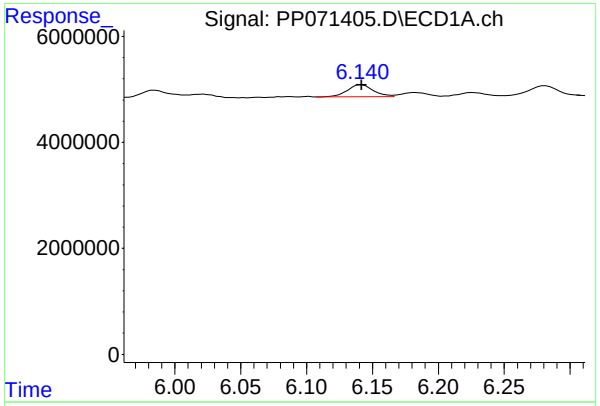
#22 AR-1248-2

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 2935274
Conc: 48.57 ng/ml



#22 AR-1248-2

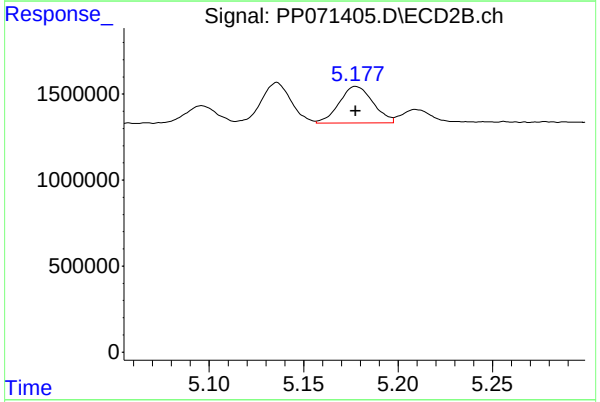
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 2587801
Conc: 52.85 ng/ml



#23 AR-1248-3

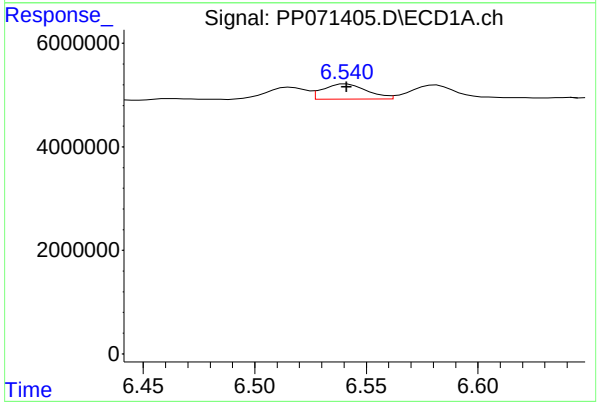
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 3057380
Conc: 45.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



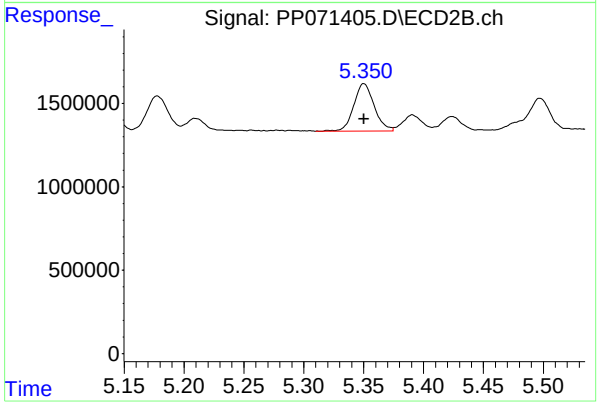
#23 AR-1248-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 2647979
Conc: 51.83 ng/ml



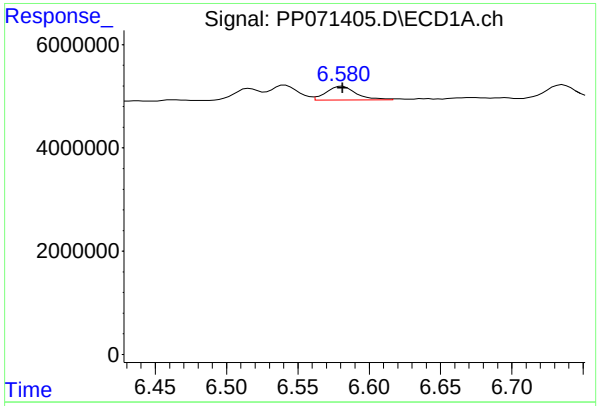
#24 AR-1248-4

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 4089143
Conc: 48.33 ng/ml



#24 AR-1248-4

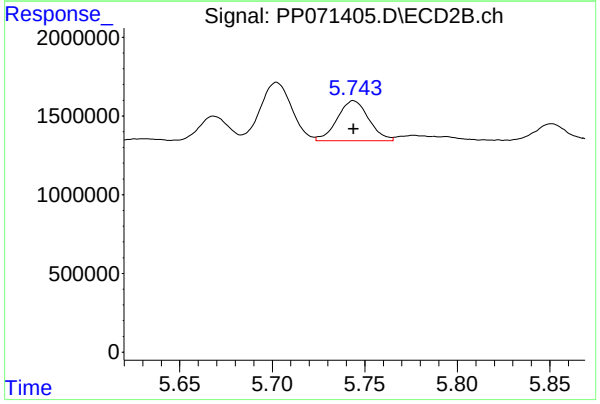
R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 3364119
Conc: 55.46 ng/ml



#25 AR-1248-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 3919031
Conc: 49.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 3006686
Conc: 51.58 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:06
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:51:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.812	188.8E6	139.1E6	96.818	97.876
2)	SA Decachlor...	10.236	8.850	141.0E6	84630750	96.040	96.040
	Target Compounds						
26)	L6 AR-1254-1	6.519	5.702	78574372	81690839	957.338	952.962
27)	L6 AR-1254-2	6.735	5.851	121.6E6	70045476	958.538	950.650
28)	L6 AR-1254-3	7.099	6.254	123.4E6	109.7E6	962.759	954.874
29)	L6 AR-1254-4	7.381	6.483	112.5E6	70169900	960.617	948.370
30)	L6 AR-1254-5	7.798	6.901	106.4E6	92229111	966.455	936.717

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

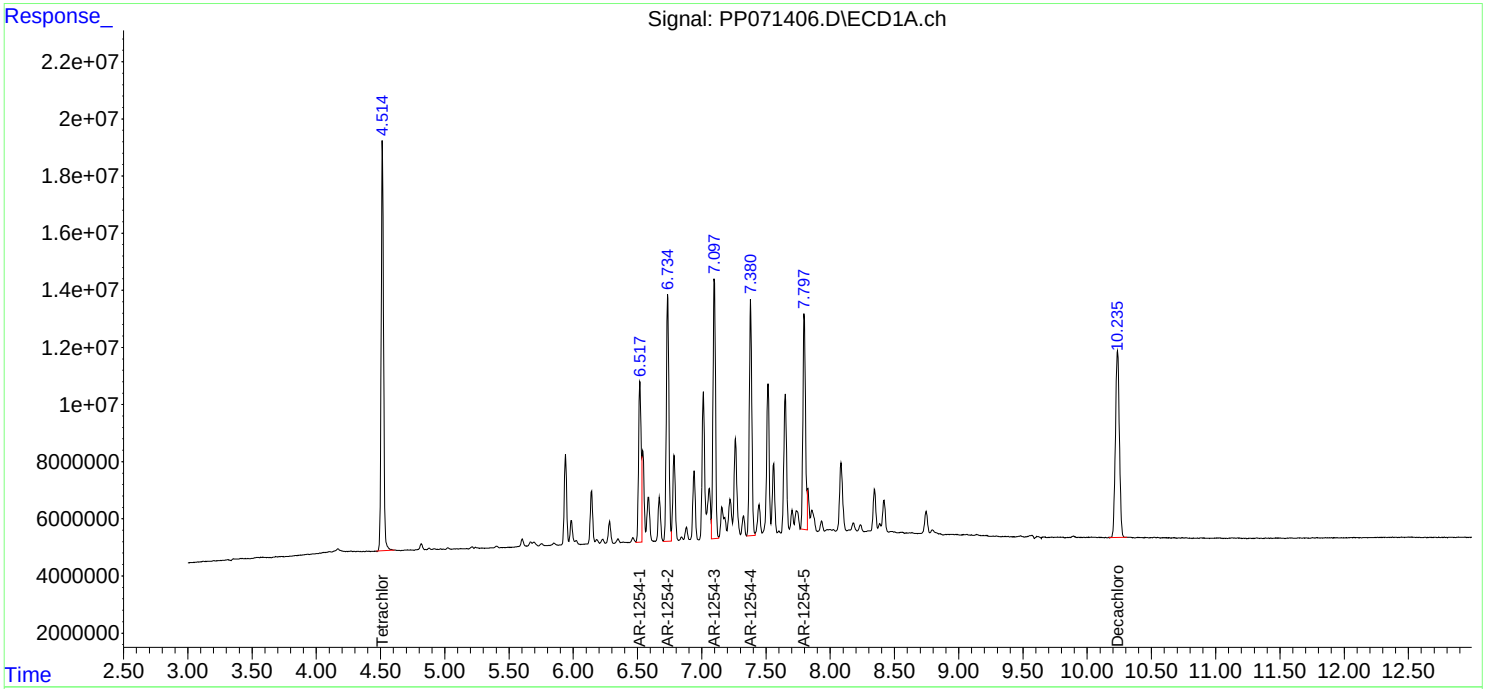
ICAL Form

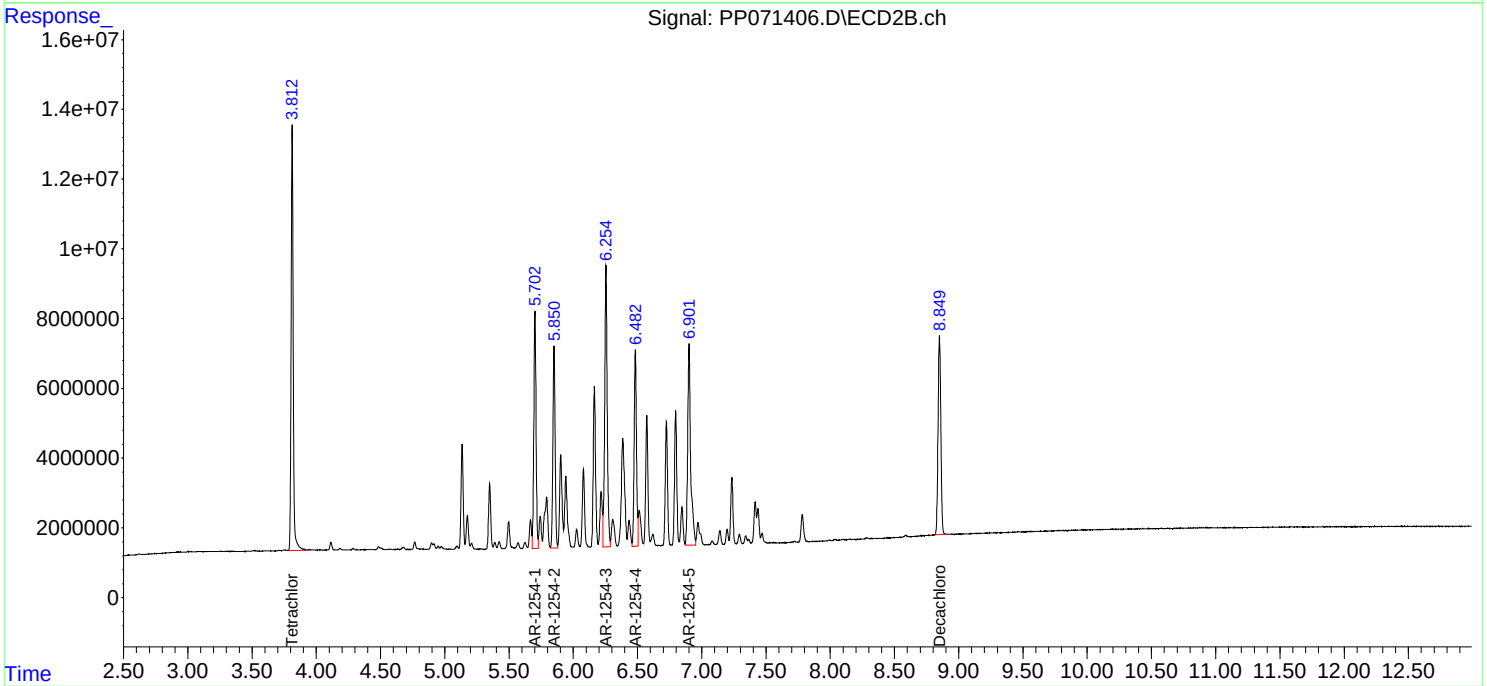
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:06
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

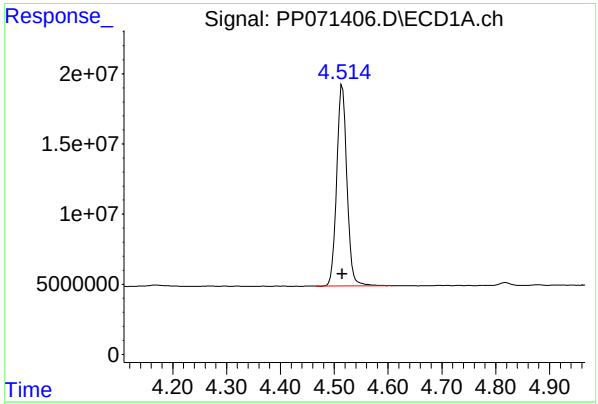
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:51:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



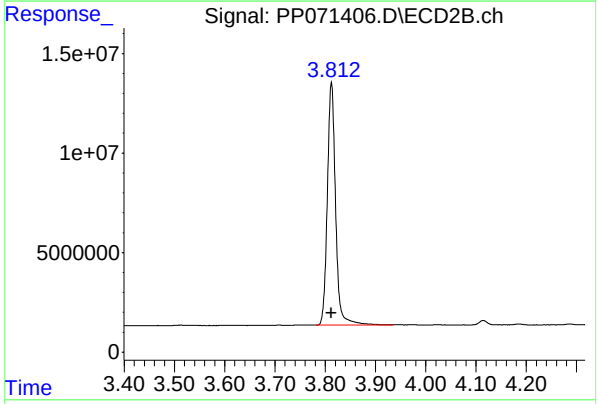




#1 Tetrachloro-m-xylene

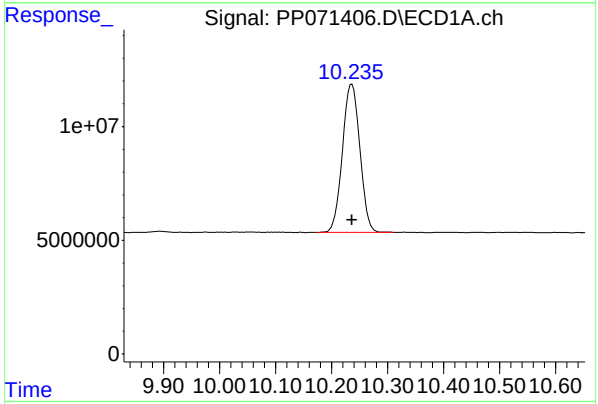
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 188824112
Conc: 96.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



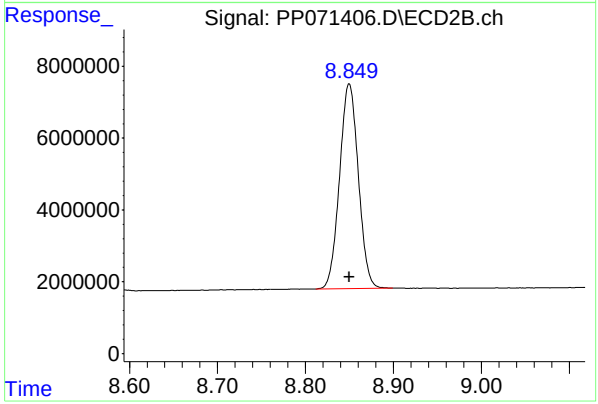
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 139055330
Conc: 97.88 ng/ml



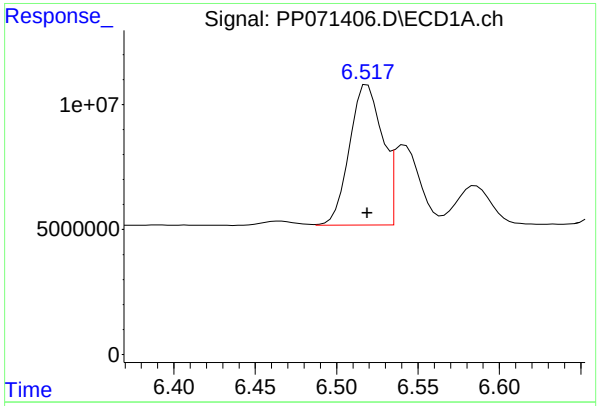
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 141010181
Conc: 96.04 ng/ml



#2 Decachlorobiphenyl

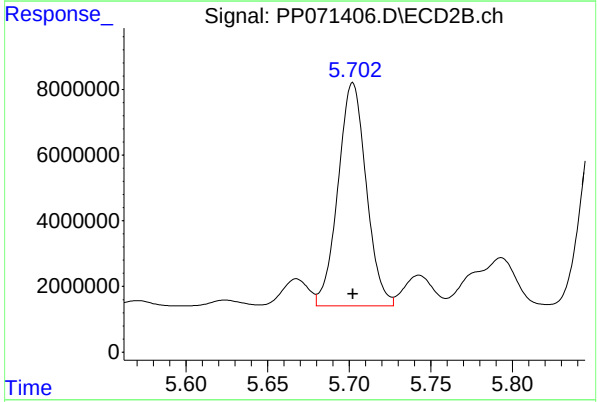
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 84630750
Conc: 96.04 ng/ml



#26 AR-1254-1

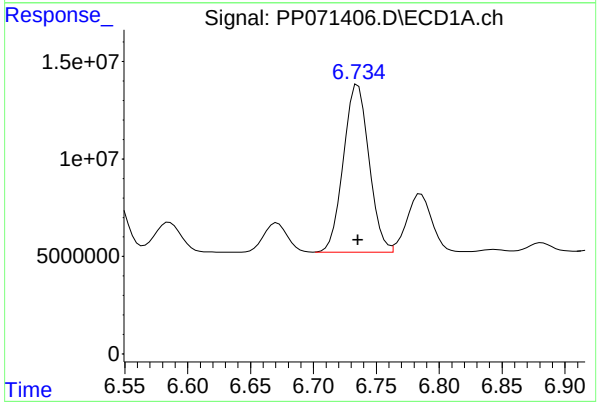
R.T.: 6.519 min
Delta R.T.: 0.000 mi
Response: 78574372
Conc: 957.34 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



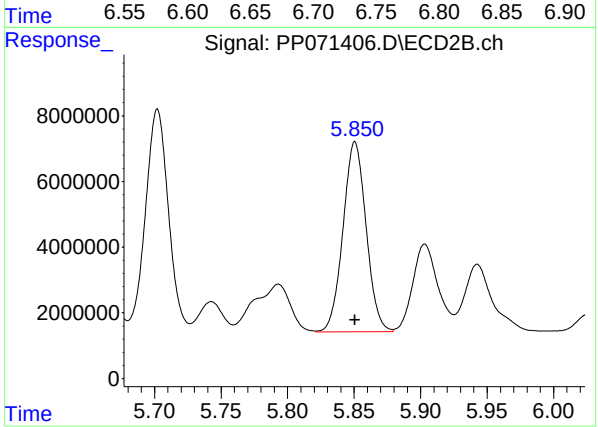
#26 AR-1254-1

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 81690839
Conc: 952.96 ng/ml



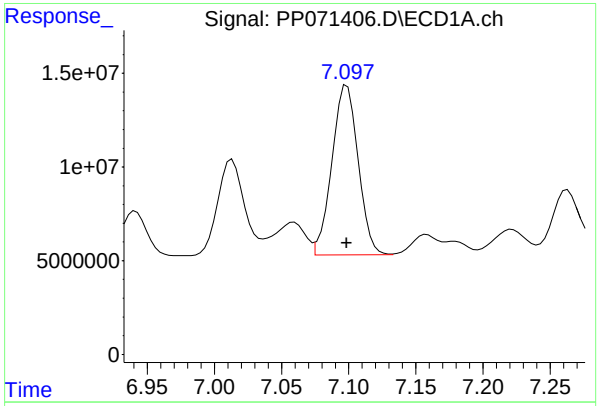
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 121624435
Conc: 958.54 ng/ml



#27 AR-1254-2

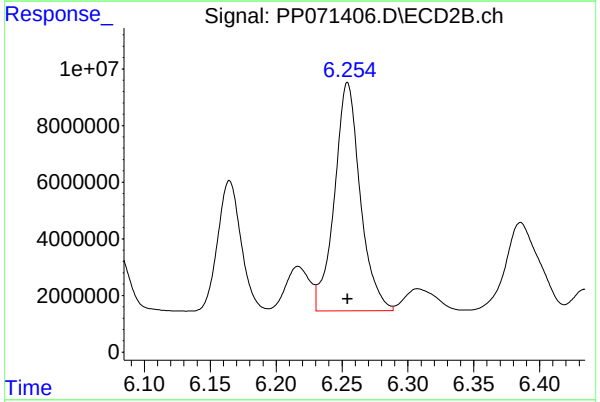
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 70045476
Conc: 950.65 ng/ml



#28 AR-1254-3

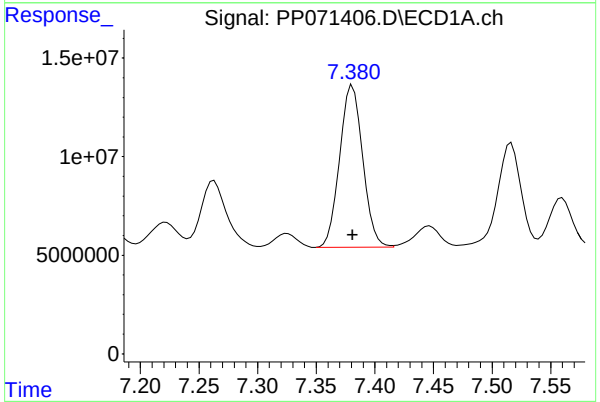
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 123432630
Conc: 962.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



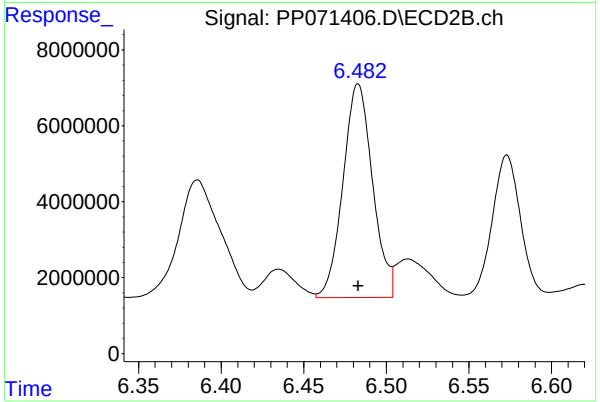
#28 AR-1254-3

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 109725744
Conc: 954.87 ng/ml



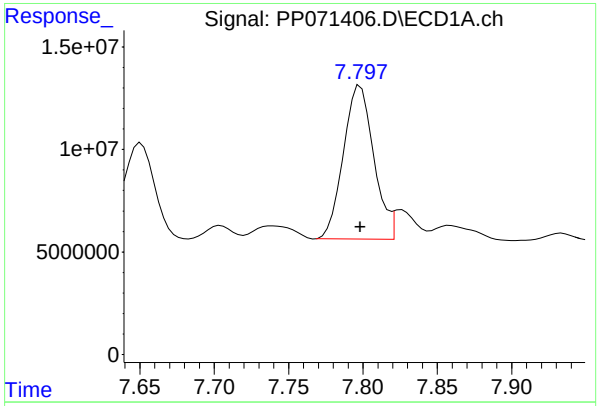
#29 AR-1254-4

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 112512019
Conc: 960.62 ng/ml



#29 AR-1254-4

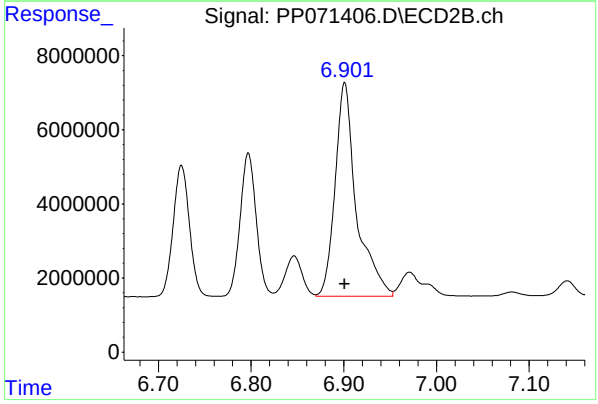
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 70169900
Conc: 948.37 ng/ml



#30 AR-1254-5

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 106399089
Conc: 966.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 92229111
Conc: 936.72 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:22
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.812	145.3E6	112.6E6	74.658	77.773
2)	SA Decachlor...	10.236	8.850	110.2E6	65650190	75.033	74.666
	Target Compounds						
26)	L6 AR-1254-1	6.519	5.703	60934961	65520948	744.931	759.494
27)	L6 AR-1254-2	6.735	5.851	94362074	56602387	745.775	762.037
28)	L6 AR-1254-3	7.098	6.255	95849879	85577532	748.410	746.476
29)	L6 AR-1254-4	7.381	6.483	87194278	55551540	746.295	750.532
30)	L6 AR-1254-5	7.797	6.901	79441918	72082199	721.000m	737.969

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:22
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

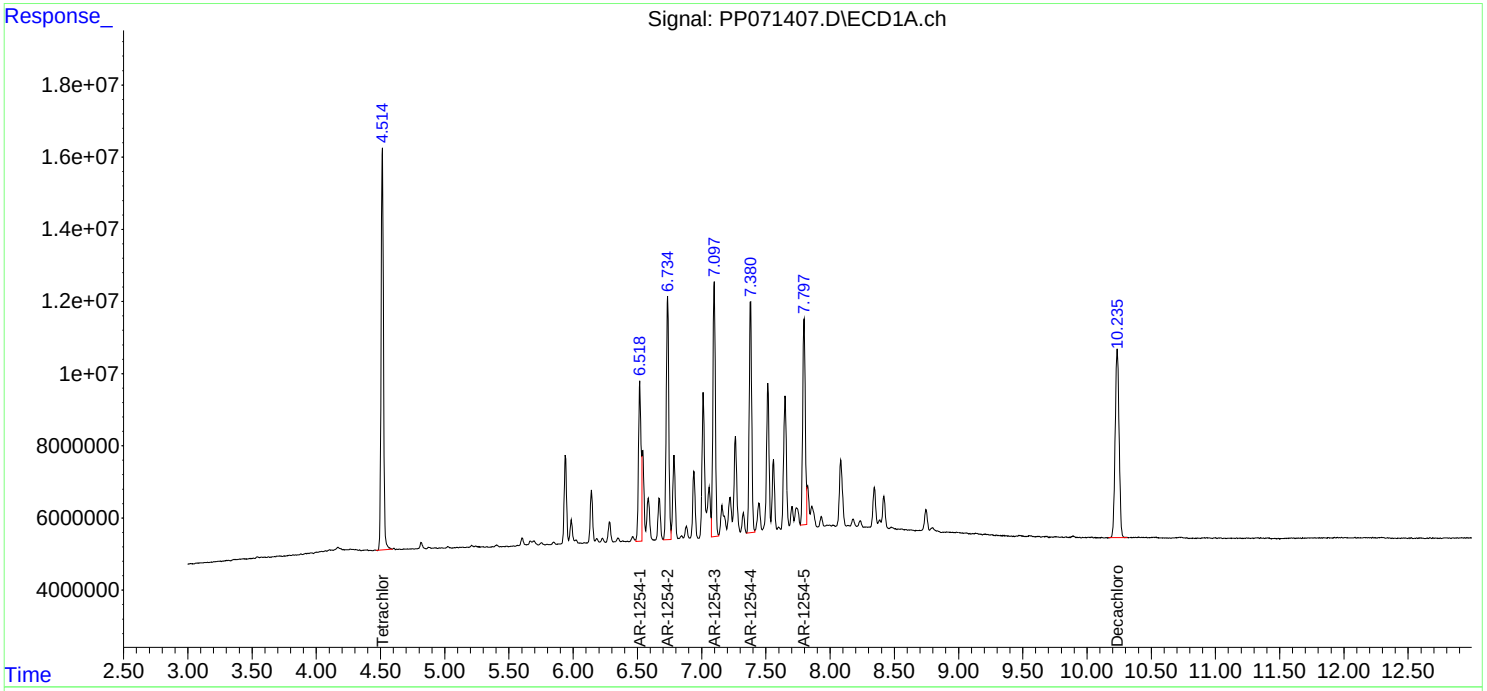
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

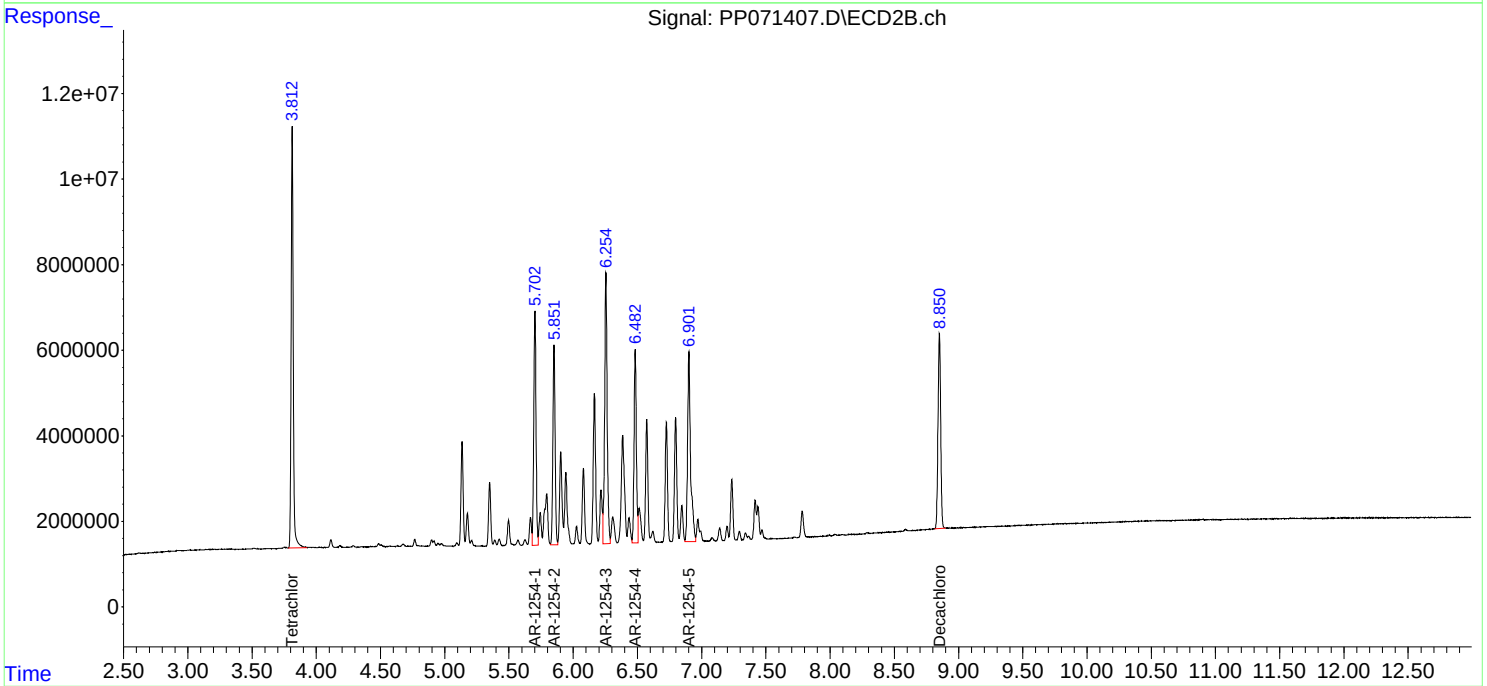
Manual Integrations APPROVED

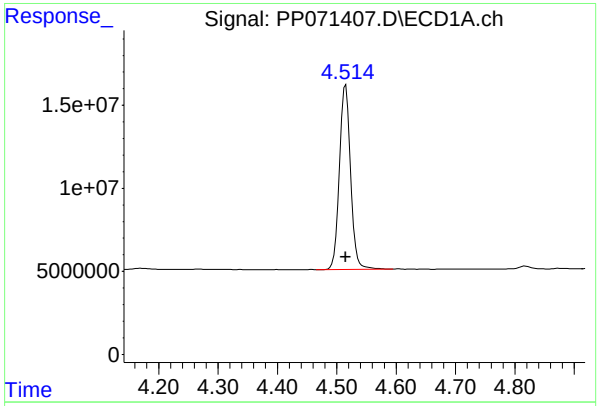
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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







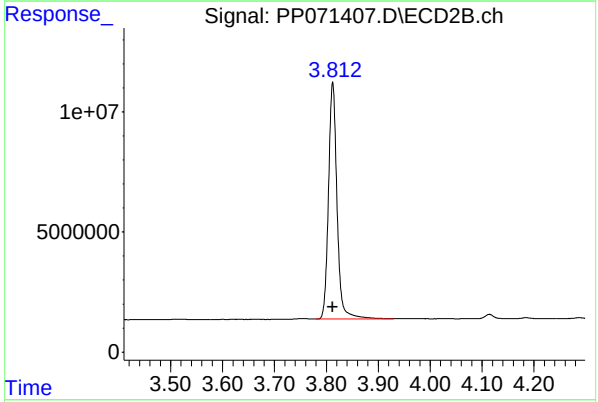
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 145274275
Conc: 74.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

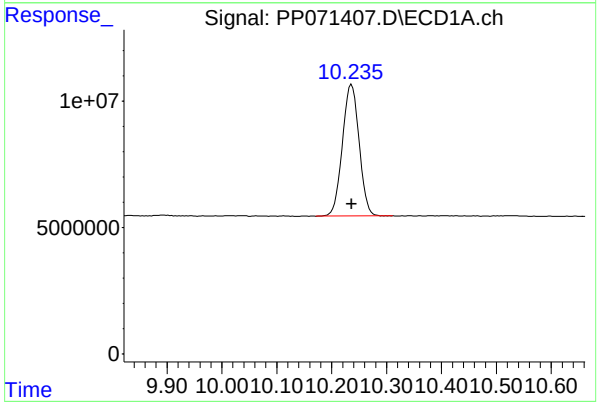
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



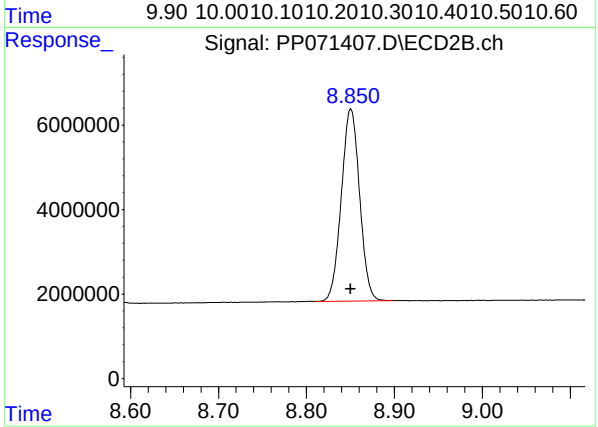
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 112576042
Conc: 77.77 ng/ml



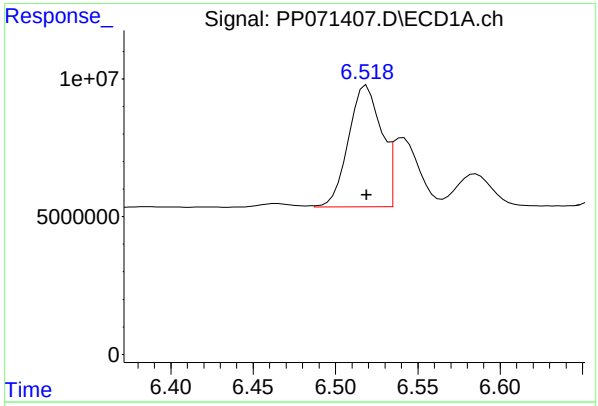
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 110190189
Conc: 75.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 65650190
Conc: 74.67 ng/ml



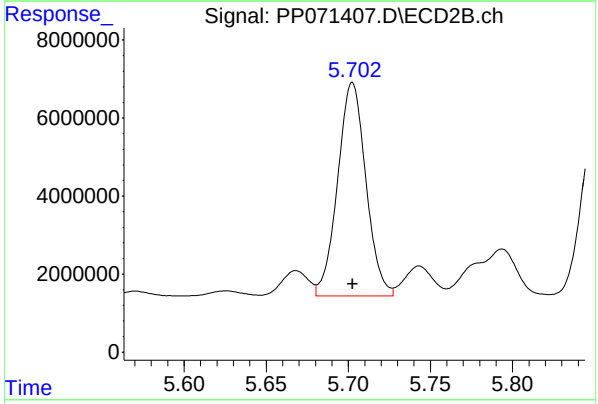
#26 AR-1254-1

R.T.: 6.519 min
Delta R.T.: 0.000 mi
Response: 60934961
Conc: 744.93 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

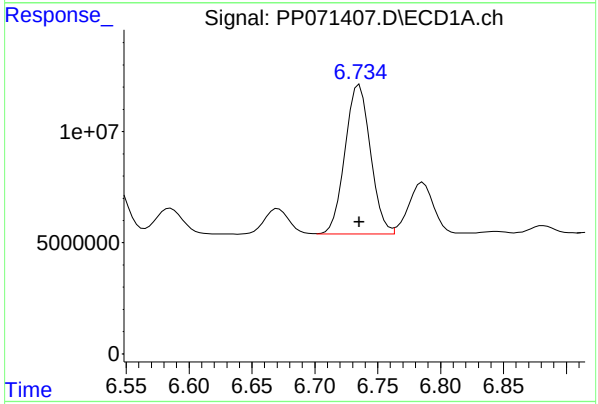
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



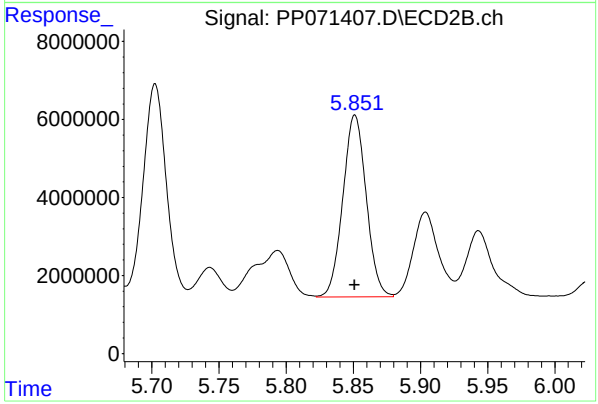
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 65520948
Conc: 759.49 ng/ml



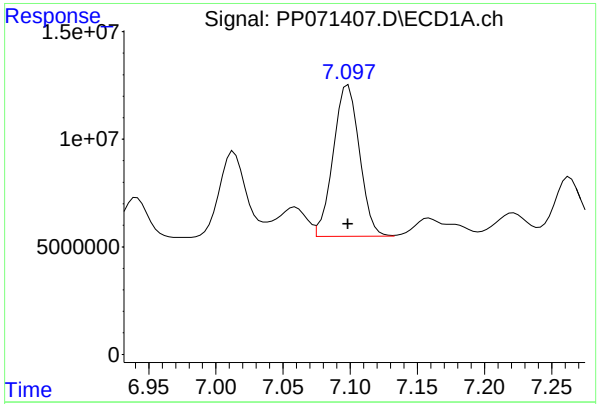
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 94362074
Conc: 745.77 ng/ml



#27 AR-1254-2

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 56602387
Conc: 762.04 ng/ml



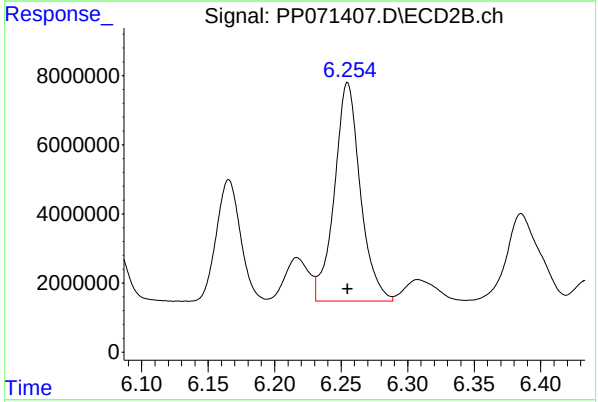
#28 AR-1254-3

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 95849879
Conc: 748.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

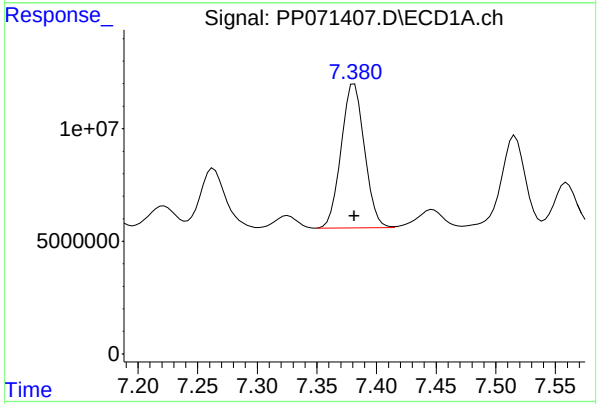
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



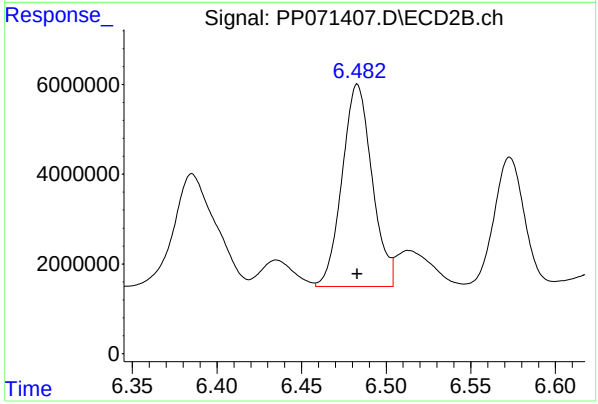
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 85577532
Conc: 746.48 ng/ml



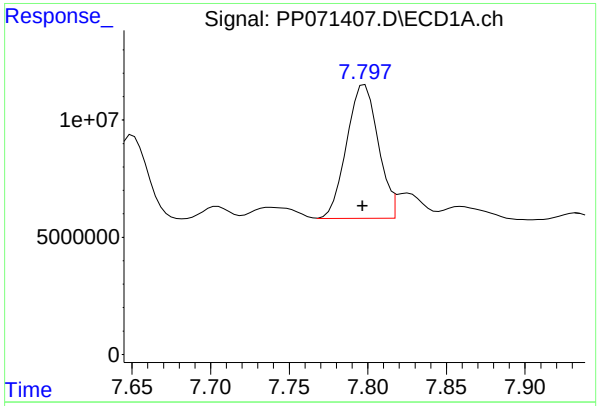
#29 AR-1254-4

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 87194278
Conc: 746.30 ng/ml



#29 AR-1254-4

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 55551540
Conc: 750.53 ng/ml



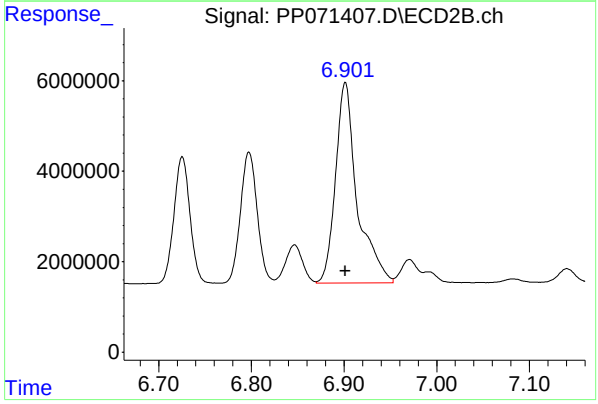
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 79441918
Conc: 721.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 72082199
Conc: 737.97 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:38
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:48:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.812	100.6E6	72545075	50.000	50.000
2)	SA Decachlor...	10.237	8.849	76319487	45805245	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.519	5.702	42788667	44877702	500.000	500.000
27)	L6 AR-1254-2	6.735	5.851	66073164	38658957	500.000	500.000
28)	L6 AR-1254-3	7.098	6.254	66490827	60048409	500.000	500.000
29)	L6 AR-1254-4	7.381	6.483	60868718	38905081	500.000	500.000
30)	L6 AR-1254-5	7.797	6.901	56892560	52345397	500.000	500.000

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

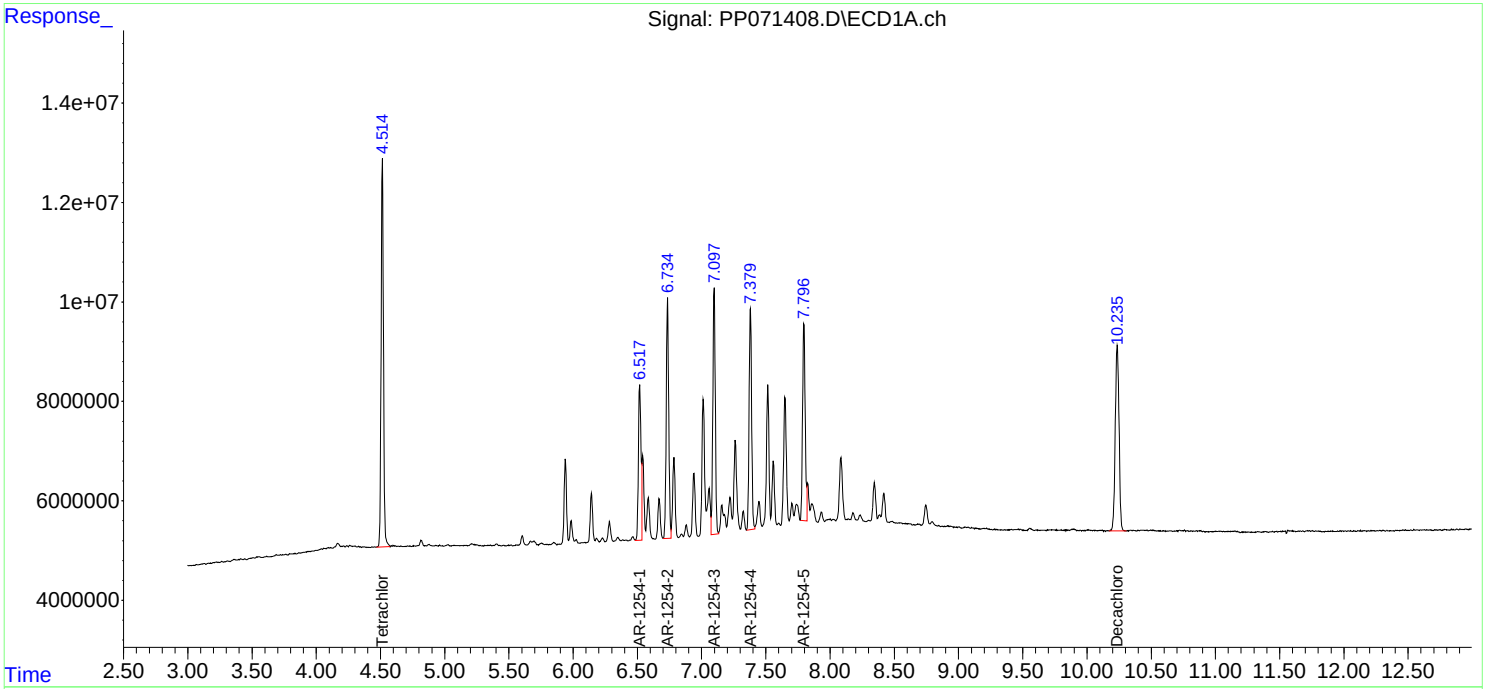
ICAL Form

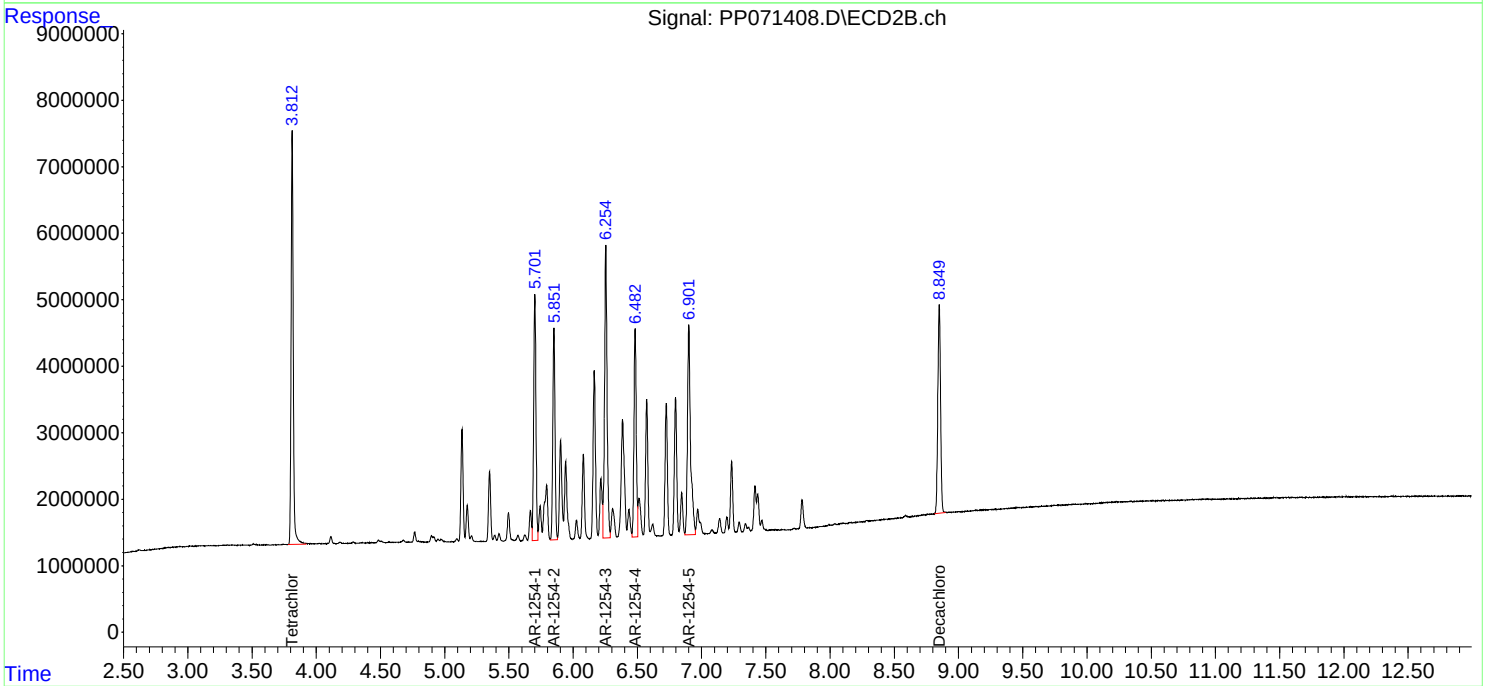
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:38
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

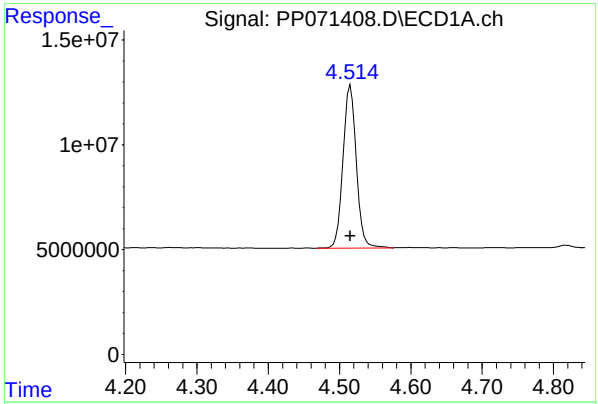
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 15:48:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 15:48:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



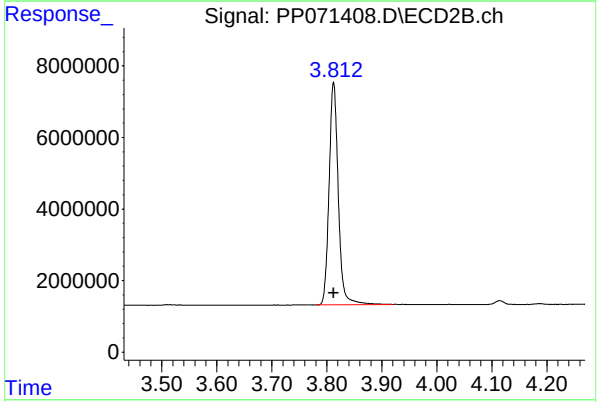




#1 Tetrachloro-m-xylene

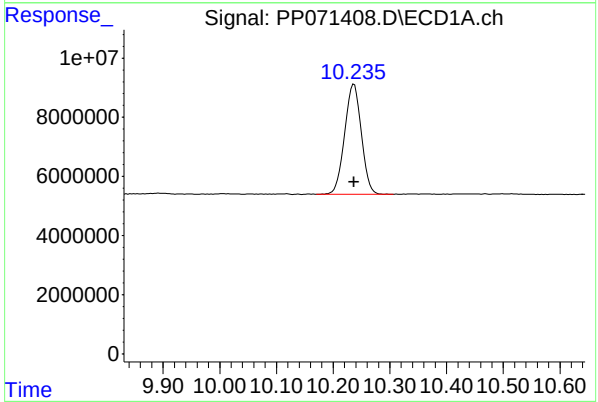
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 100618430
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



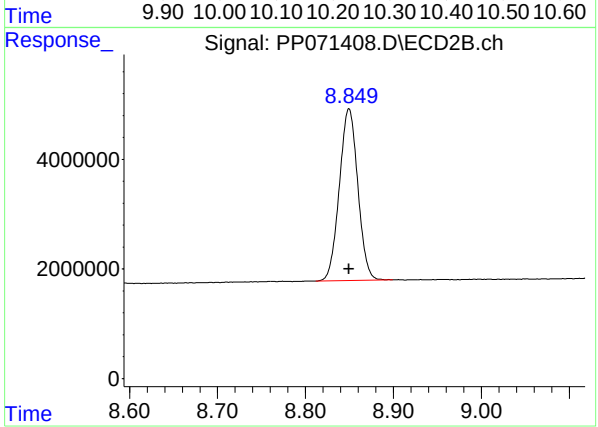
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 72545075
Conc: 50.00 ng/ml



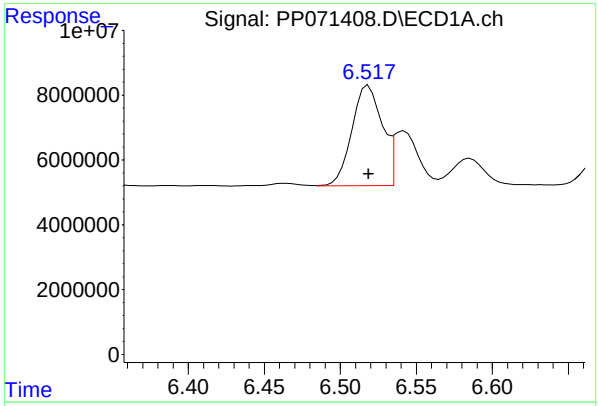
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 76319487
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

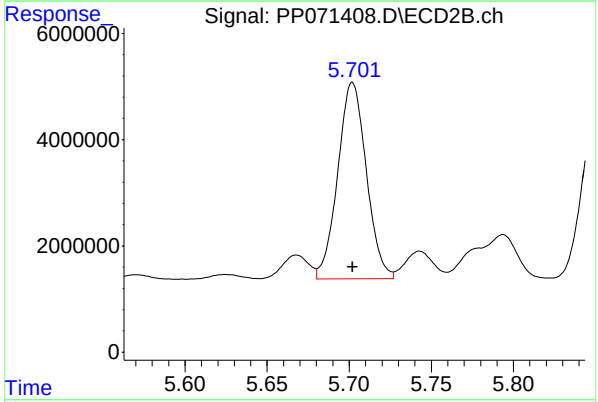
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 45805245
Conc: 50.00 ng/ml



#26 AR-1254-1

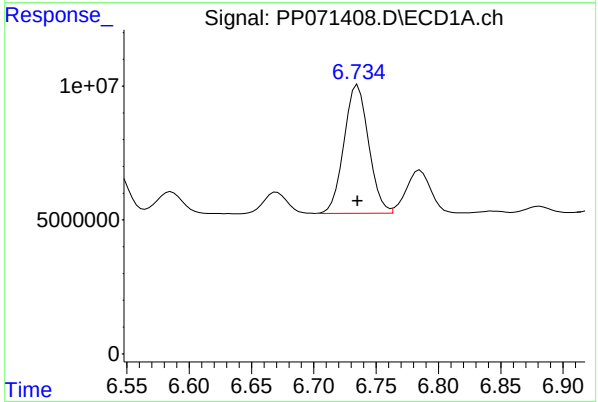
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 42788667
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



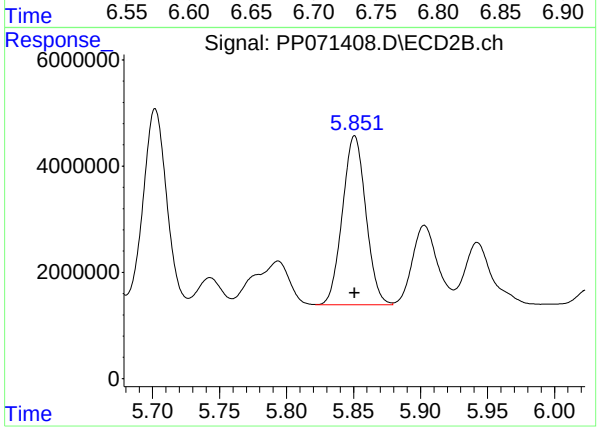
#26 AR-1254-1

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 44877702
Conc: 500.00 ng/ml



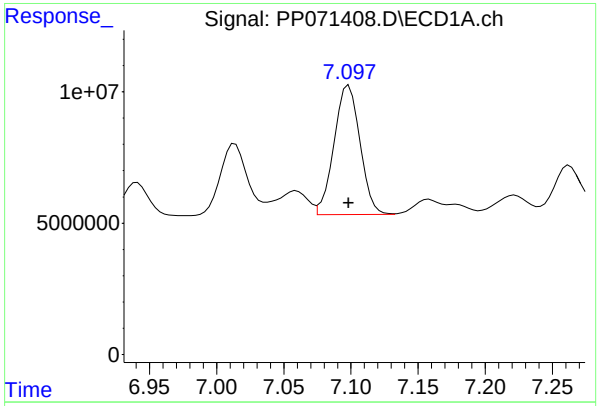
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 66073164
Conc: 500.00 ng/ml



#27 AR-1254-2

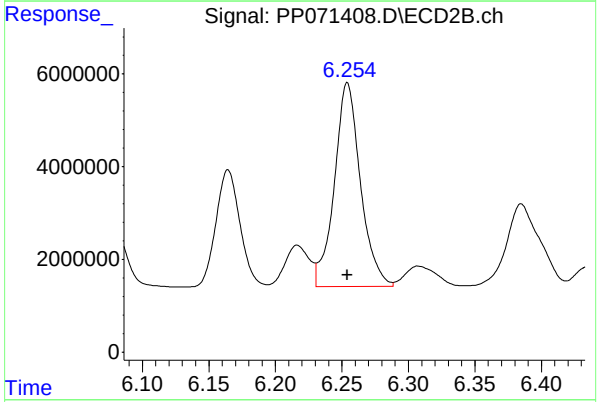
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 38658957
Conc: 500.00 ng/ml



#28 AR-1254-3

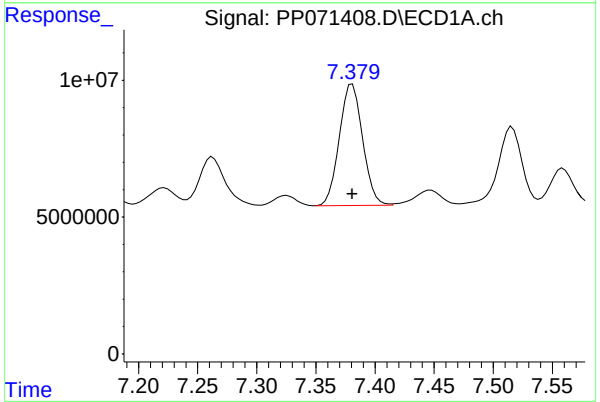
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 66490827
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



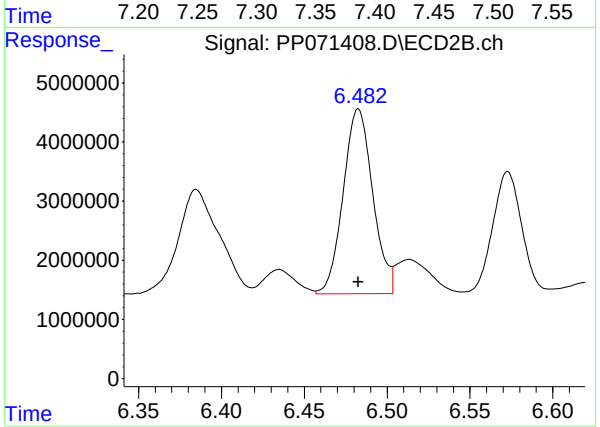
#28 AR-1254-3

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 60048409
Conc: 500.00 ng/ml



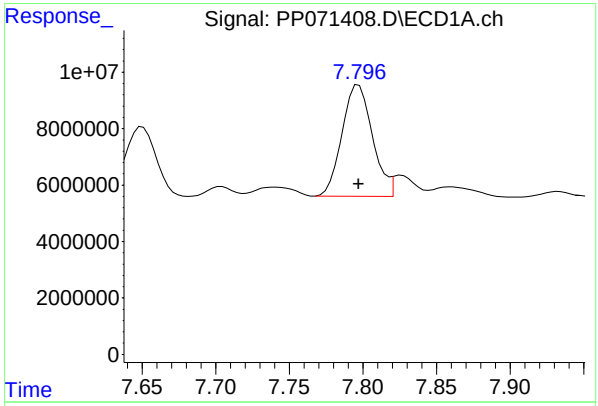
#29 AR-1254-4

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 60868718
Conc: 500.00 ng/ml



#29 AR-1254-4

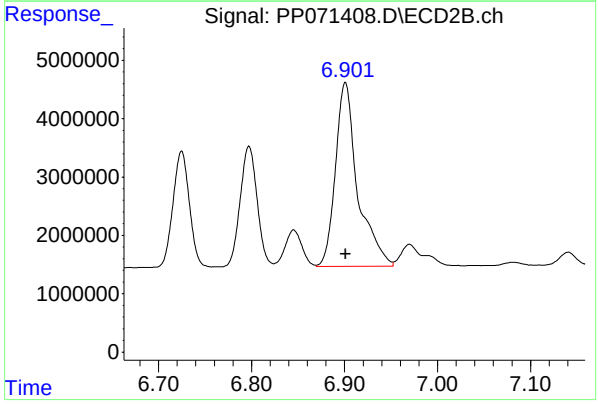
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 38905081
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 56892560
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 52345397
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071409.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:55
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:07:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:07:08 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...	4.513	3.813	51789148	37965204	26.192	25.910
2)	SA Decachlor...	10.234	8.850	38742671	23881547	26.022	26.587
	Target Compounds						
26)	L6 AR-1254-1	6.517	5.703	22149547	24321384	265.267	273.203
27)	L6 AR-1254-2	6.733	5.851	34278927	20788594	265.367	271.757
28)	L6 AR-1254-3	7.096	6.255	34405813	31095041	263.728	265.596
29)	L6 AR-1254-4	7.379	6.483	31098214	20469357	261.934	269.399
30)	L6 AR-1254-5	7.796	6.901	29038261	26846100	262.635	268.183

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

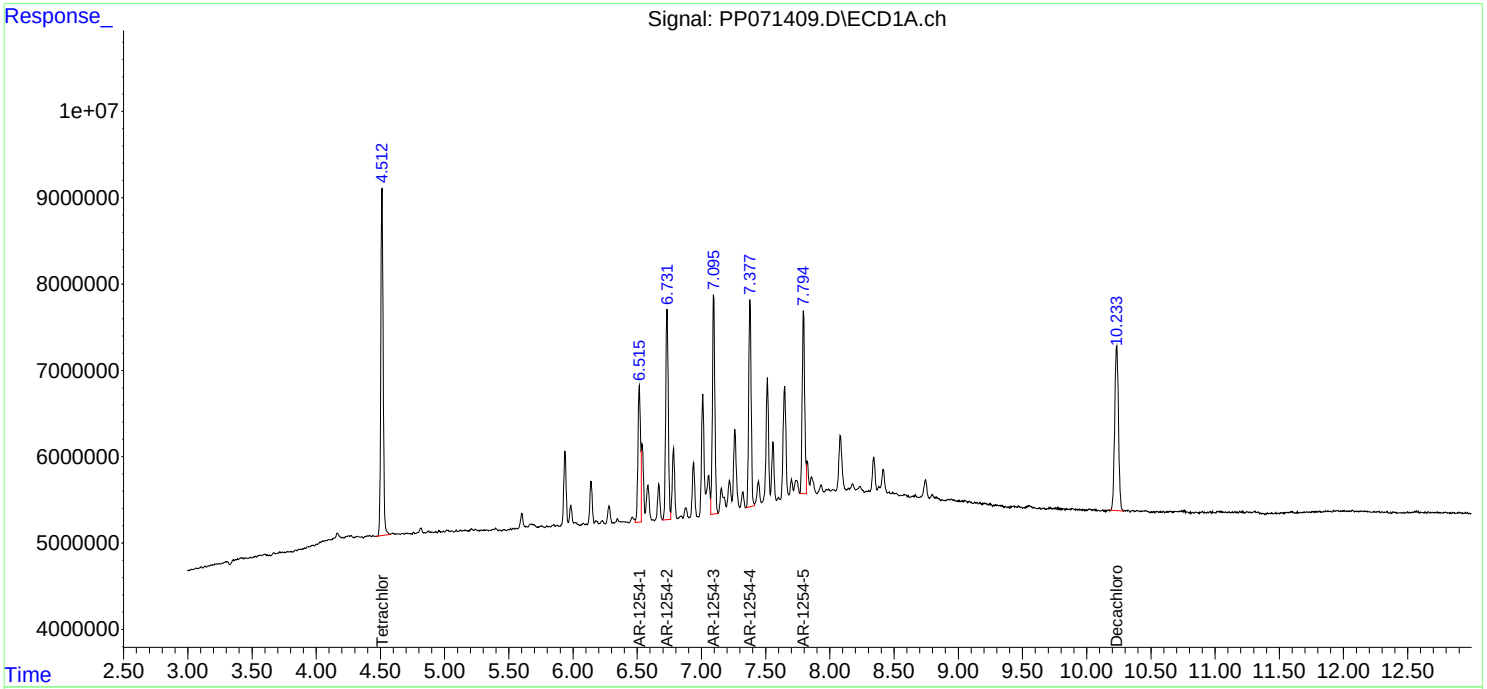
ICAL Form

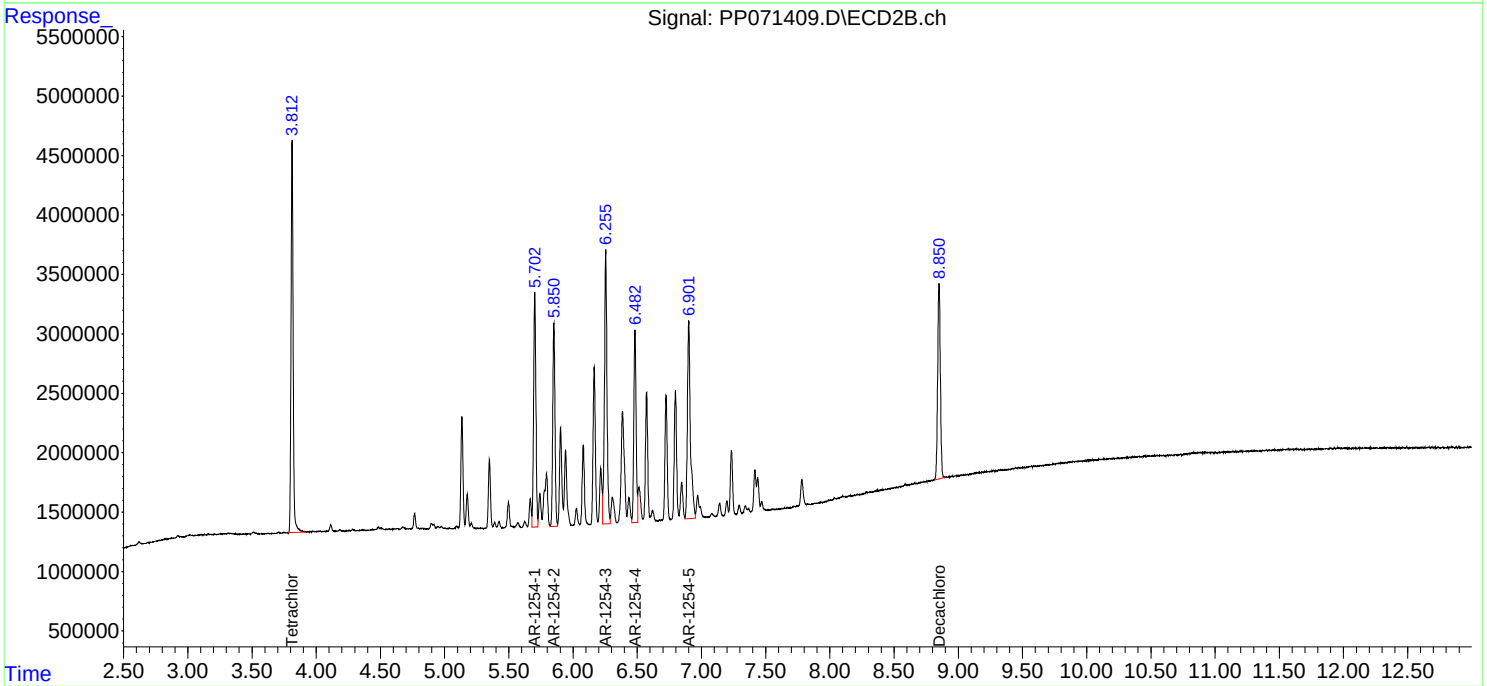
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071409.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 15:55
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

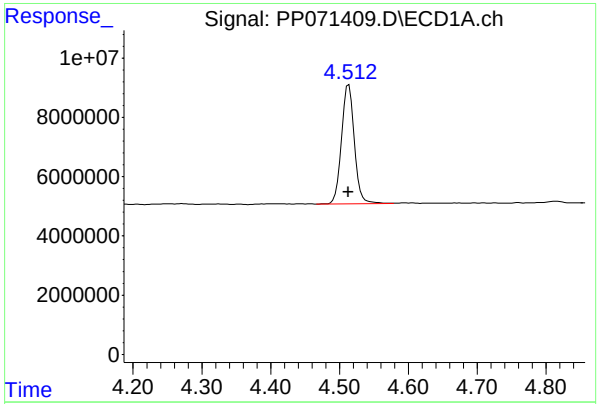
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:07:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:07:08 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



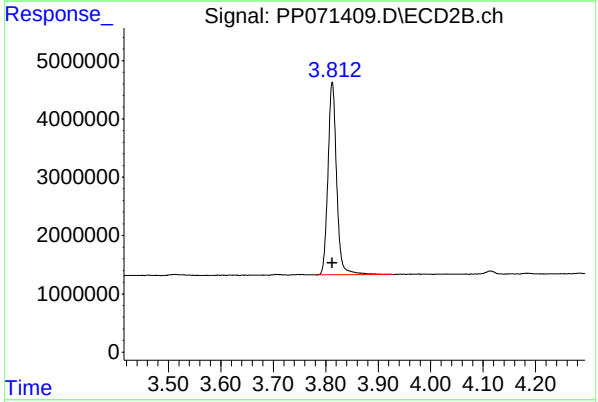




#1 Tetrachloro-m-xylene

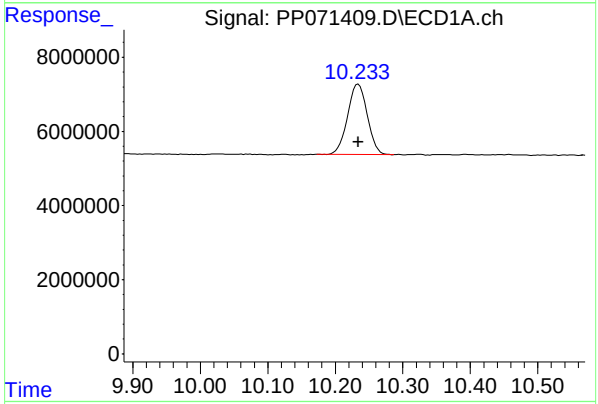
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 51789148
Conc: 26.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



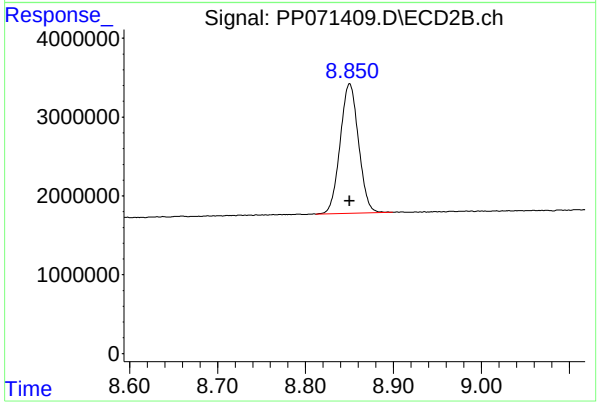
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 37965204
Conc: 25.91 ng/ml



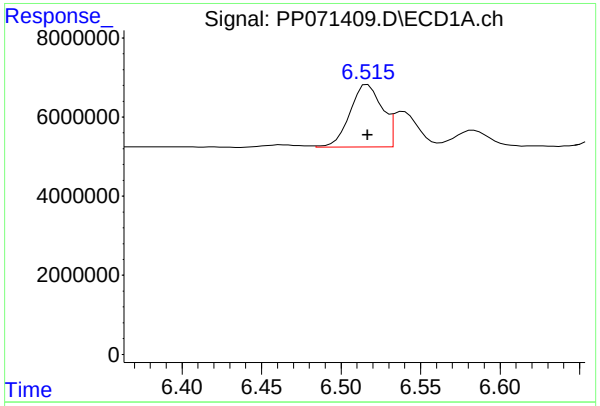
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 38742671
Conc: 26.02 ng/ml



#2 Decachlorobiphenyl

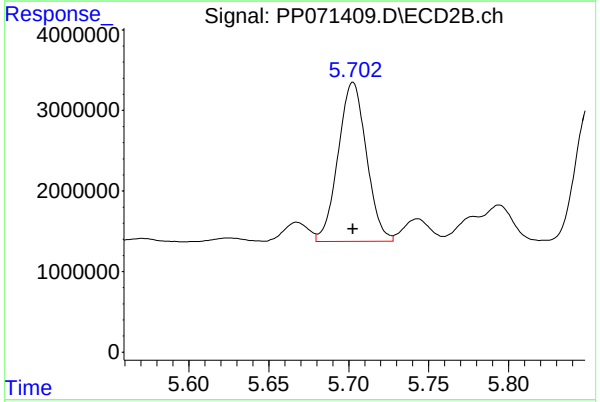
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 23881547
Conc: 26.59 ng/ml



#26 AR-1254-1

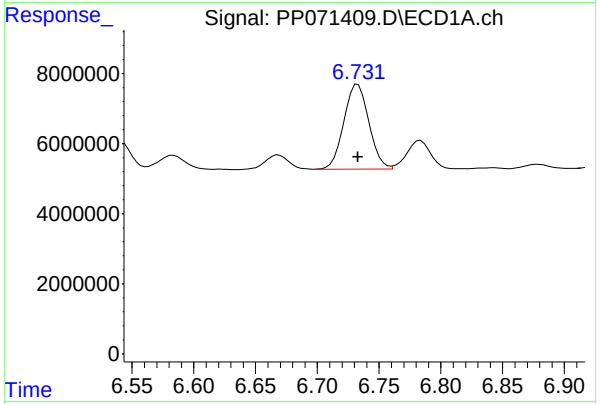
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 22149547
Conc: 265.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



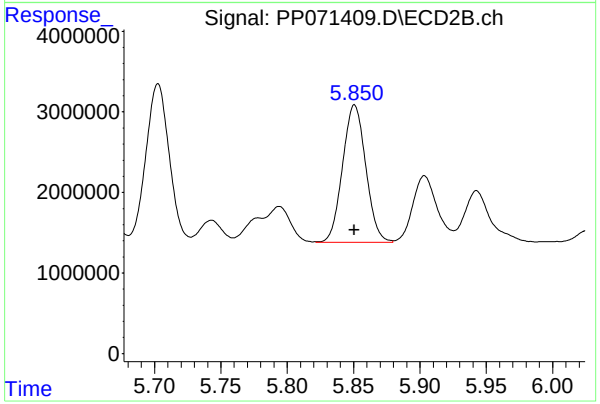
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 24321384
Conc: 273.20 ng/ml



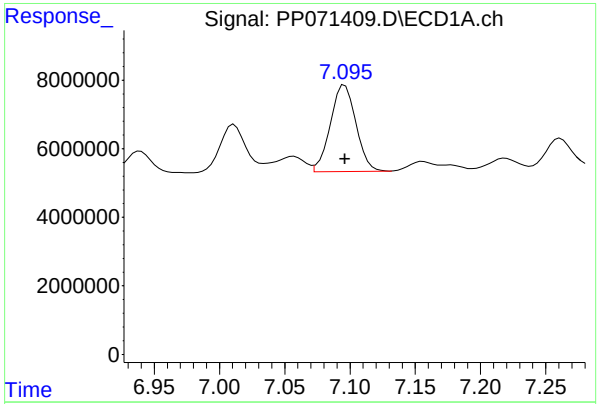
#27 AR-1254-2

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 34278927
Conc: 265.37 ng/ml



#27 AR-1254-2

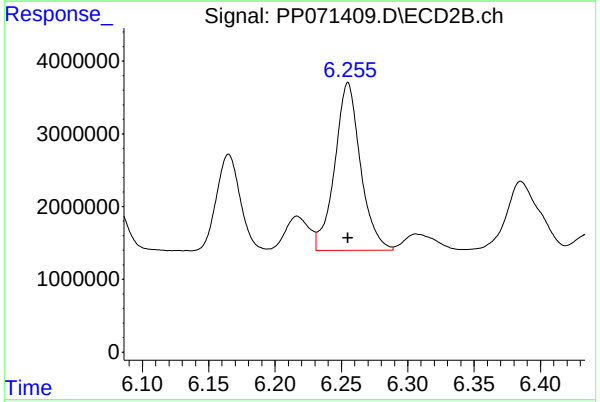
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 20788594
Conc: 271.76 ng/ml



#28 AR-1254-3

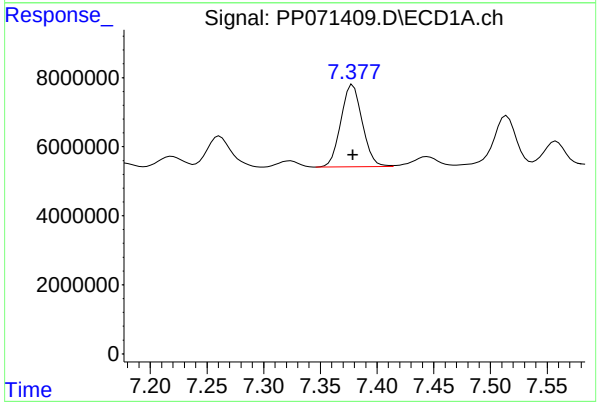
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 34405813
Conc: 263.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



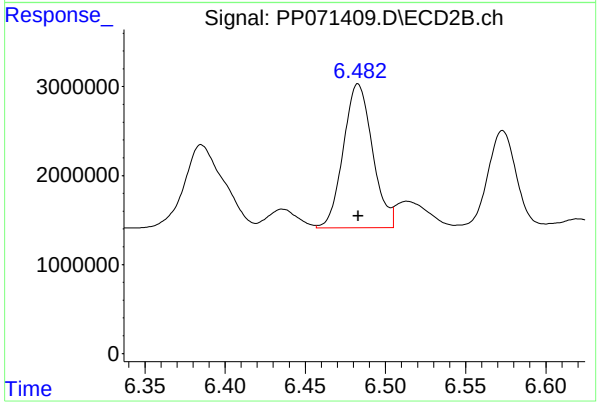
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 31095041
Conc: 265.60 ng/ml



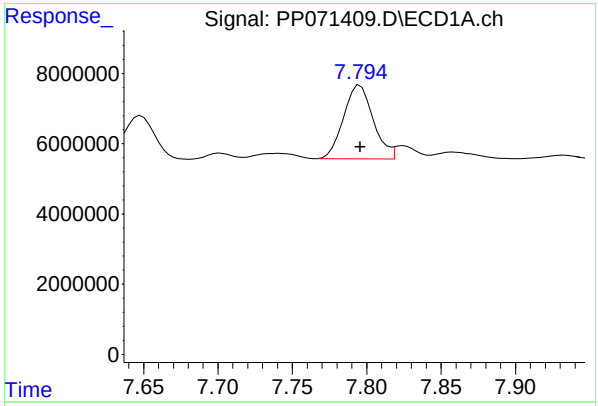
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 31098214
Conc: 261.93 ng/ml



#29 AR-1254-4

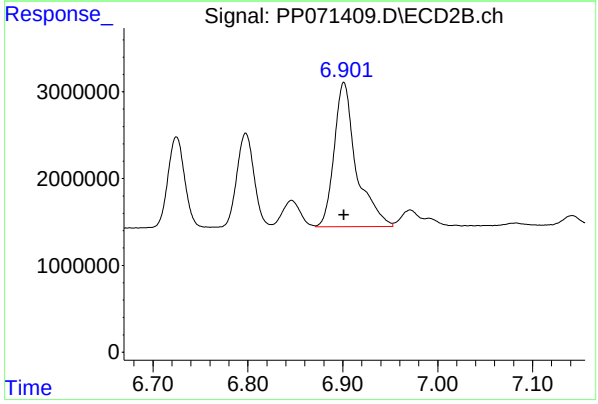
R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 20469357
Conc: 269.40 ng/ml



#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: 0.000 min
Response: 29038261
Conc: 262.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 26846100
Conc: 268.18 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:11
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:54:36 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...	4.514	3.813	8612576	7342515	4.471m	5.009
2)	SA Decachlor...	10.236	8.850	6643627	4341119	4.560	4.865
	Target Compounds						
26)	L6 AR-1254-1	6.520	5.703	3787970	5045448	46.222	55.202
27)	L6 AR-1254-2	6.735	5.852	5933913	4378664	46.696	55.629
28)	L6 AR-1254-3	7.099	6.255	5851823	6211772	45.798	52.416
29)	L6 AR-1254-4	7.382	6.484	5633281	4095094	47.937	53.069
30)	L6 AR-1254-5	7.798	6.901	4819584	5346230	44.737	52.689

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:11
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

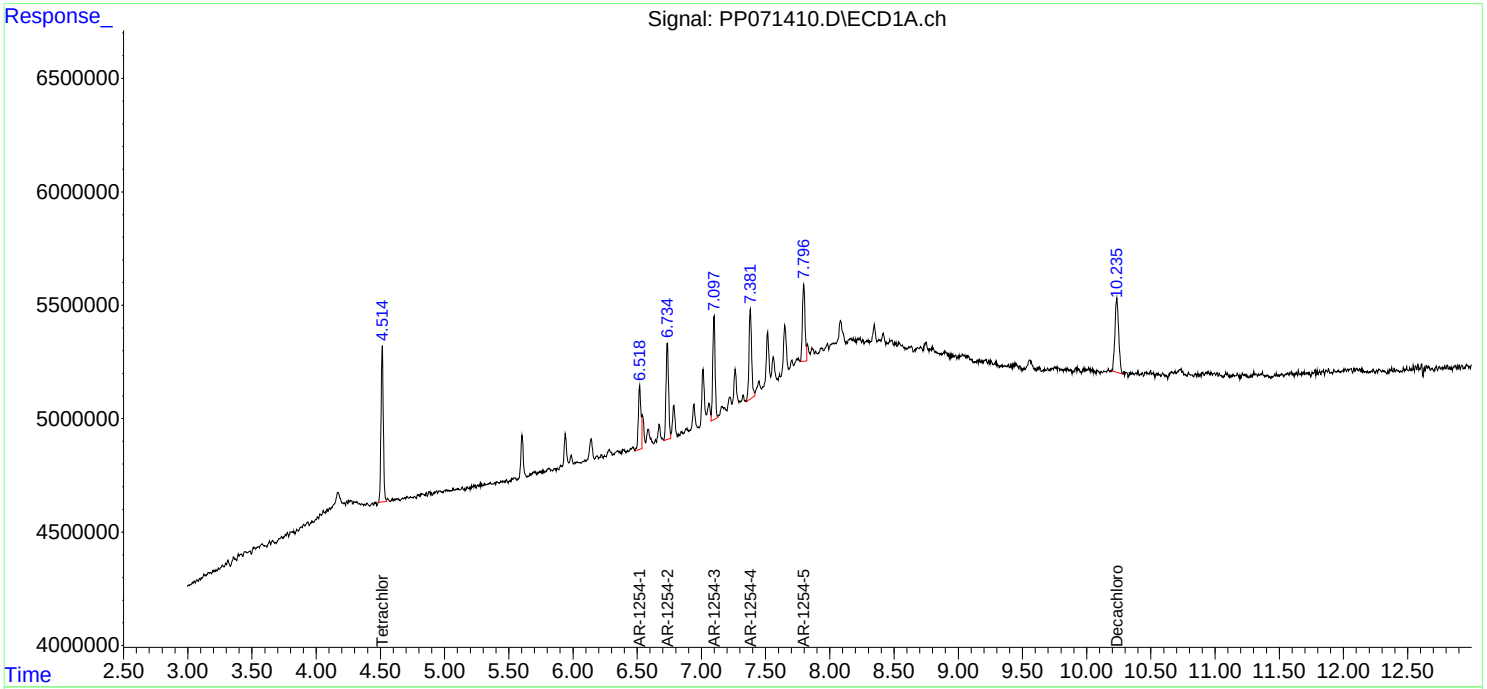
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

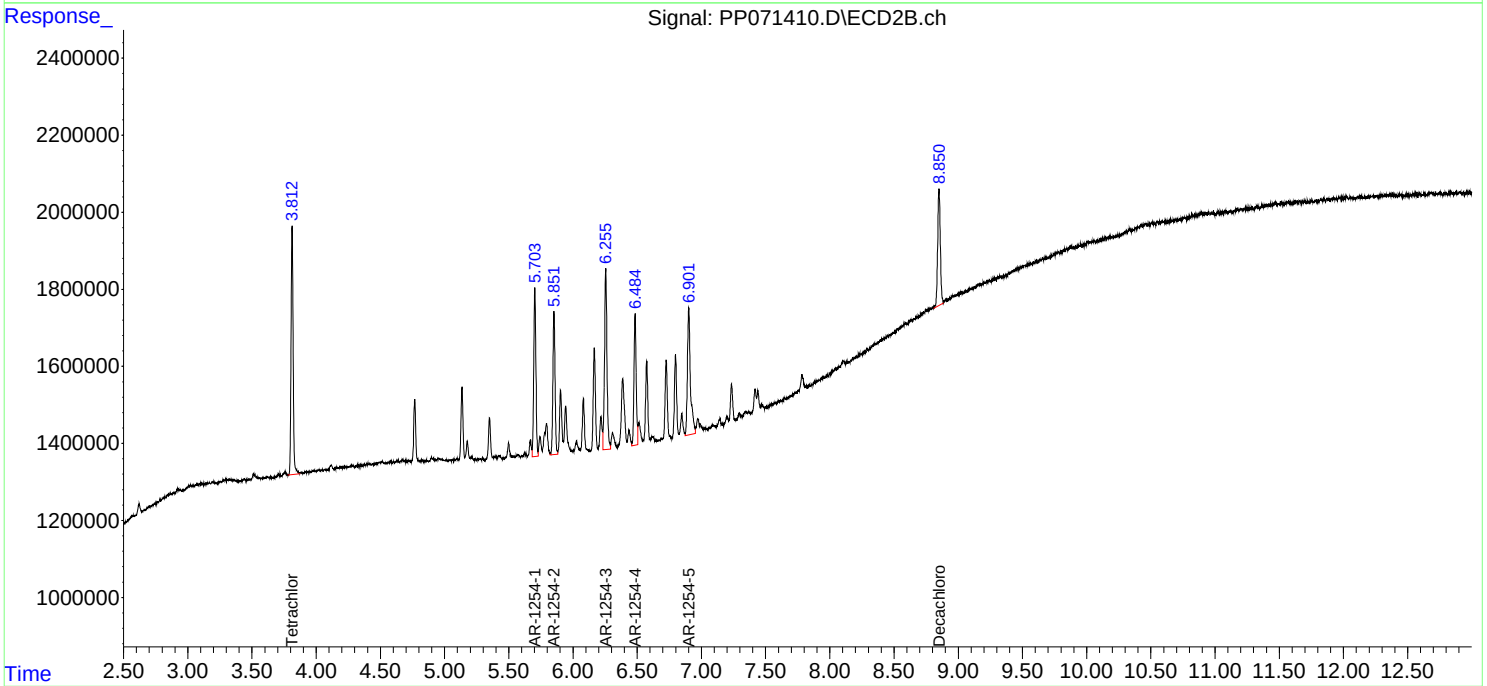
Manual Integrations APPROVED

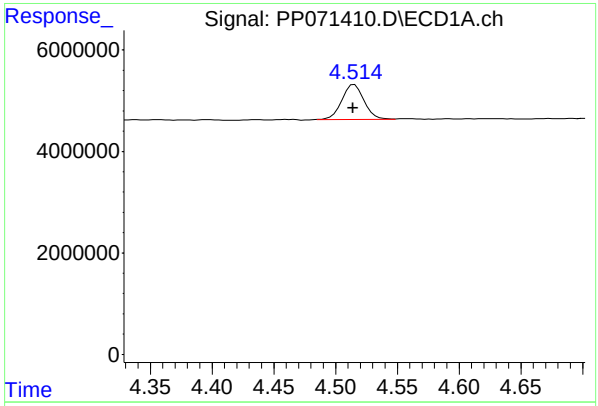
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 16:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 16:54:36 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







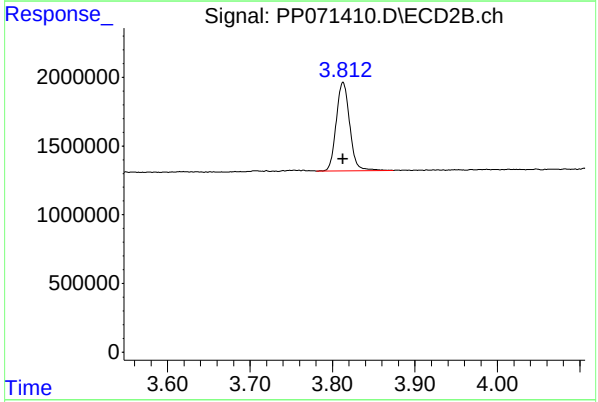
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 8612576
Conc: 4.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

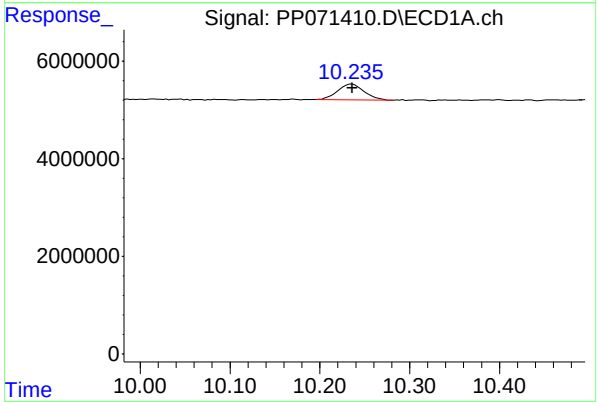
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



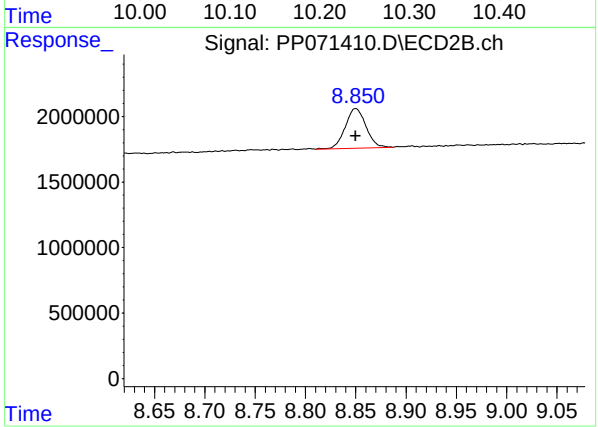
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 7342515
Conc: 5.01 ng/ml



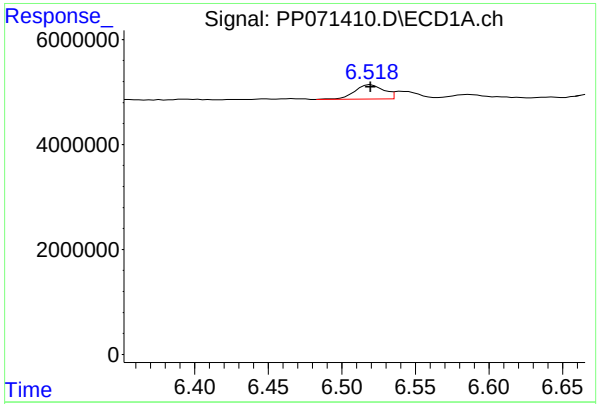
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 6643627
Conc: 4.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 4341119
Conc: 4.87 ng/ml



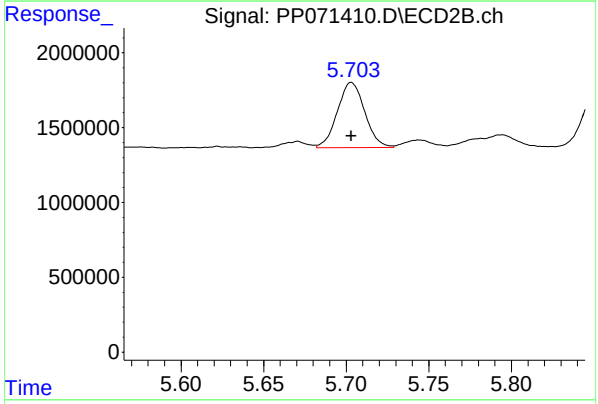
#26 AR-1254-1

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 3787970
Conc: 46.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

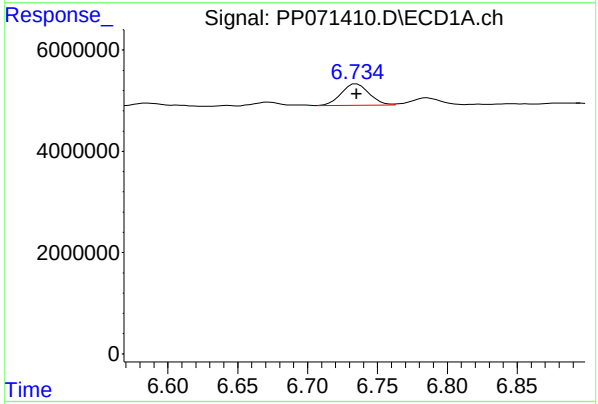
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



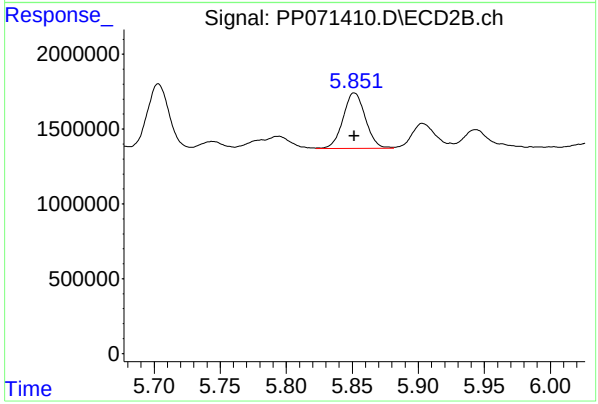
#26 AR-1254-1

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 5045448
Conc: 55.20 ng/ml



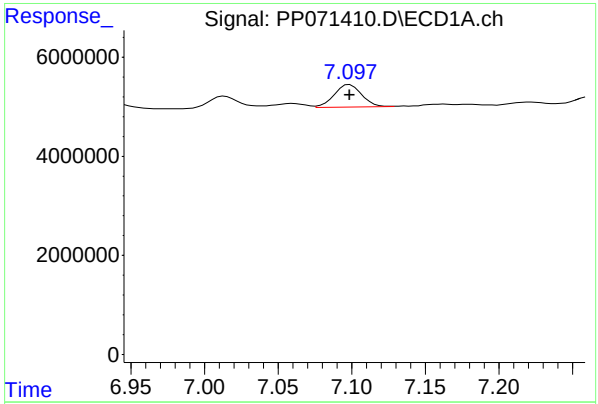
#27 AR-1254-2

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 5933913
Conc: 46.70 ng/ml



#27 AR-1254-2

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 4378664
Conc: 55.63 ng/ml



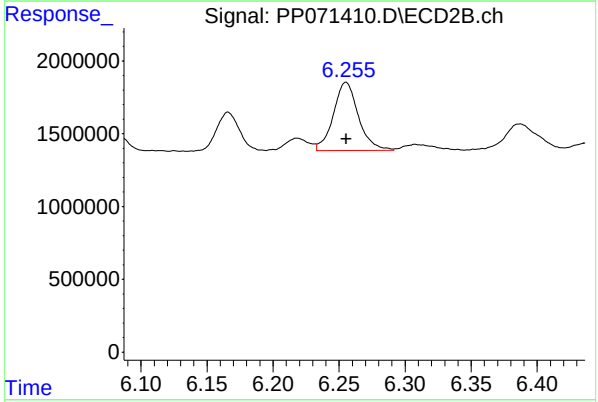
#28 AR-1254-3

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 5851823
Conc: 45.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

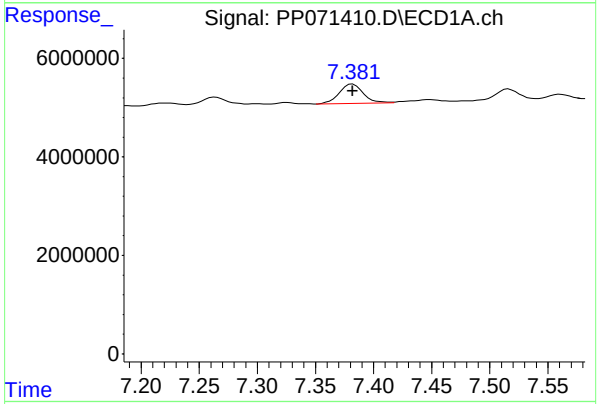
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



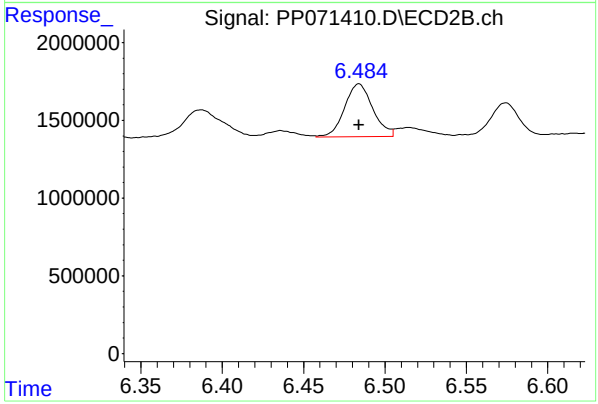
#28 AR-1254-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 6211772
Conc: 52.42 ng/ml



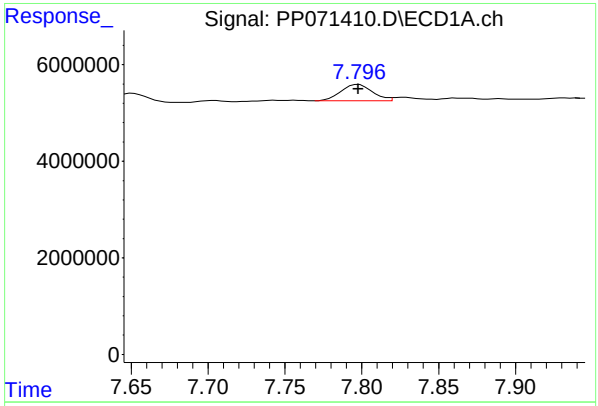
#29 AR-1254-4

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 5633281
Conc: 47.94 ng/ml



#29 AR-1254-4

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 4095094
Conc: 53.07 ng/ml



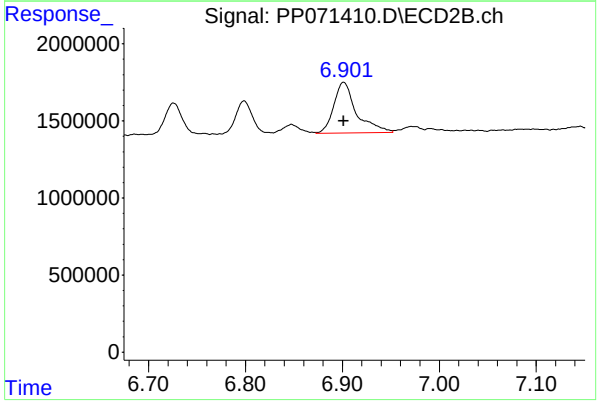
#30 AR-1254-5

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 4819584
Conc: 44.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#30 AR-1254-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 5346230
Conc: 52.69 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:27
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: Apr 22 17:08:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 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...	4.515	3.813	98220466	71170259	50.000	50.000
2)	SA Decachlor...	10.235	8.850	74643123	44870081	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.100	6.939	72245642	56806132	500.000	500.000
37)	L8 AR-1262-2	8.420	7.198	137.1E6	46169678	500.000	500.000
38)	L8 AR-1262-3	8.737	7.721	91438860	37847231	500.000	500.000
39)	L8 AR-1262-4	8.822	7.786	67105487	62412938	500.000	500.000
40)	L8 AR-1262-5	9.478	8.286	44080983	27746588	500.000	500.000

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

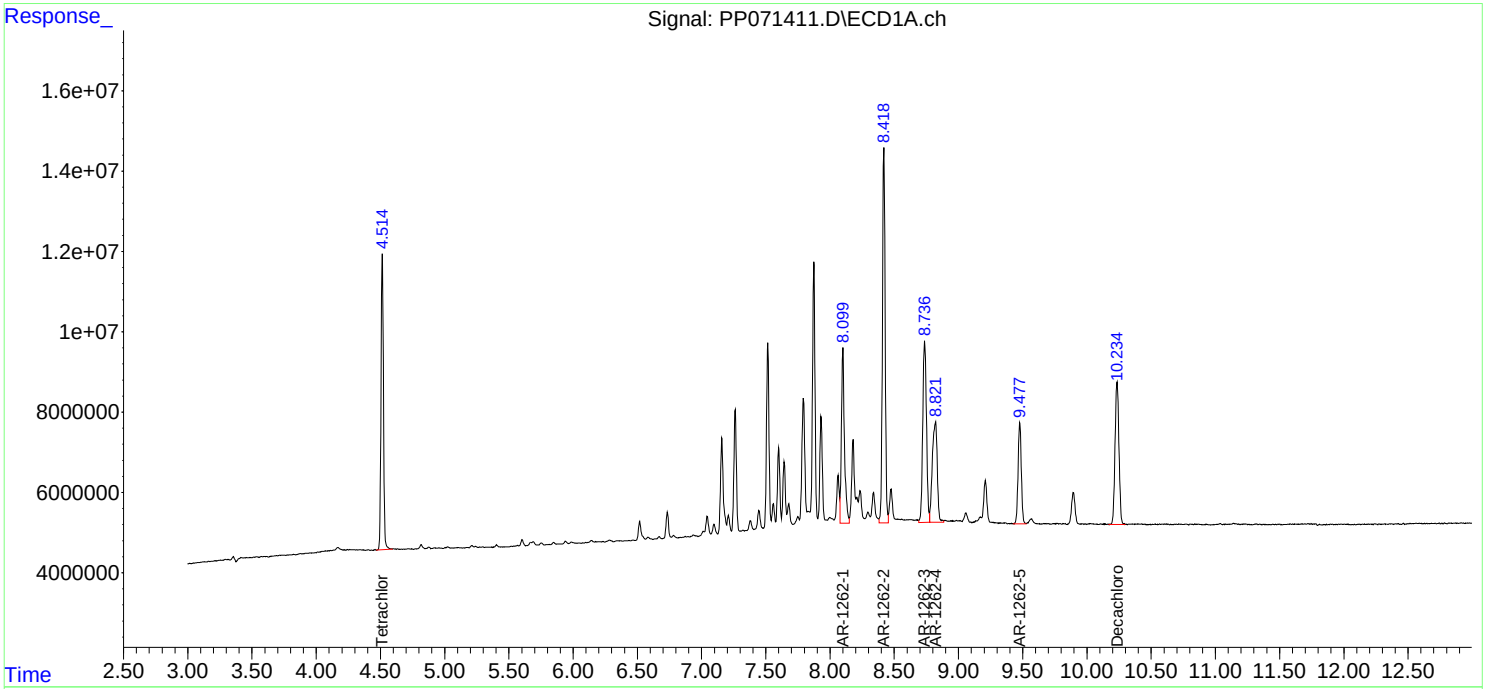
ICAL Form

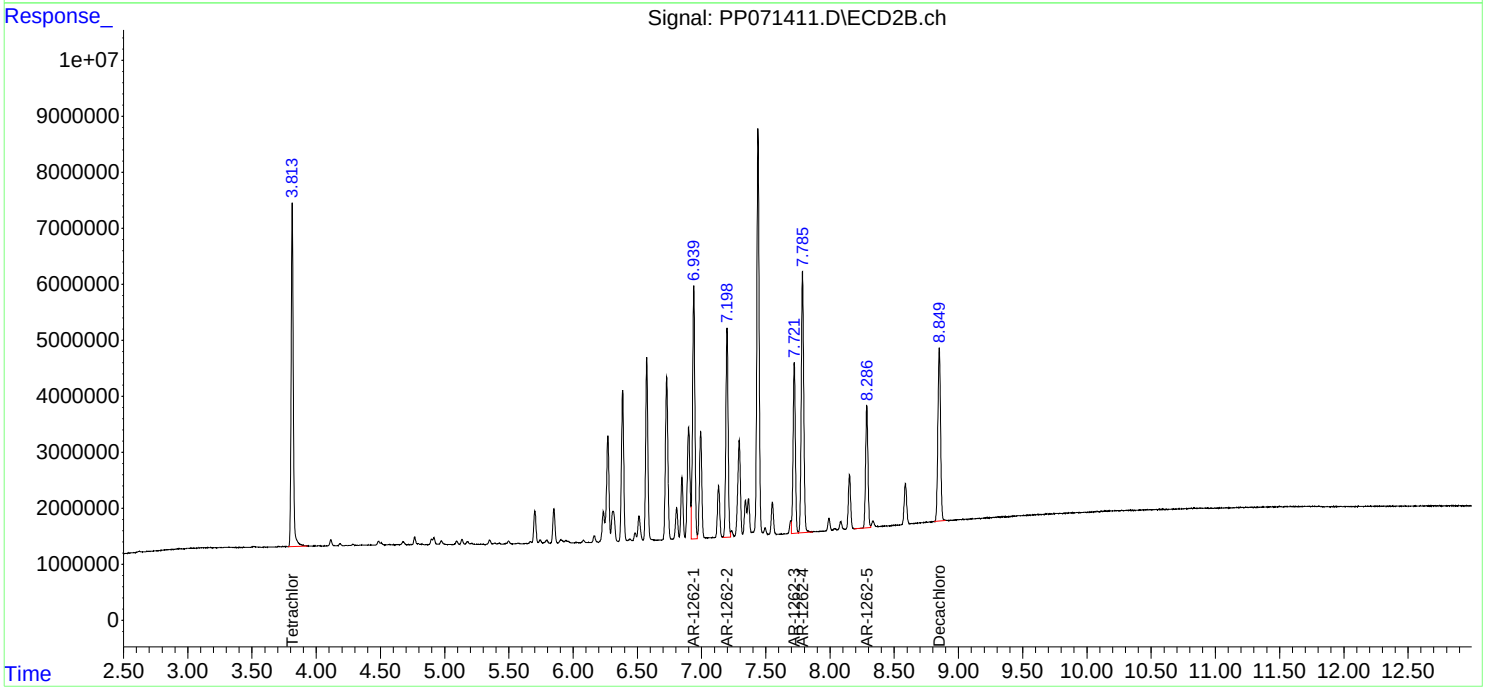
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:27
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

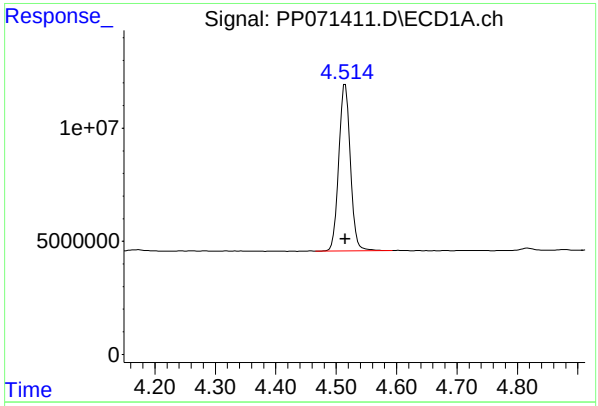
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 17:08:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 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



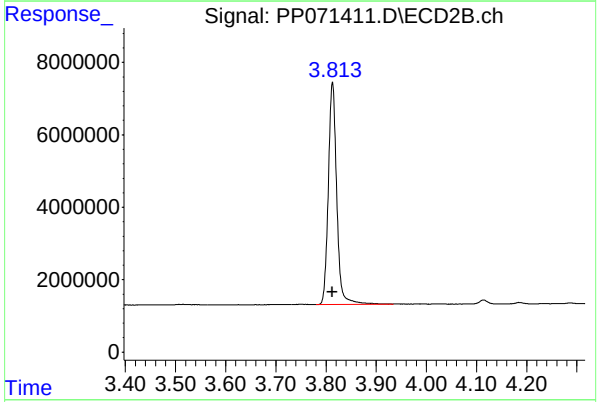




#1 Tetrachloro-m-xylene

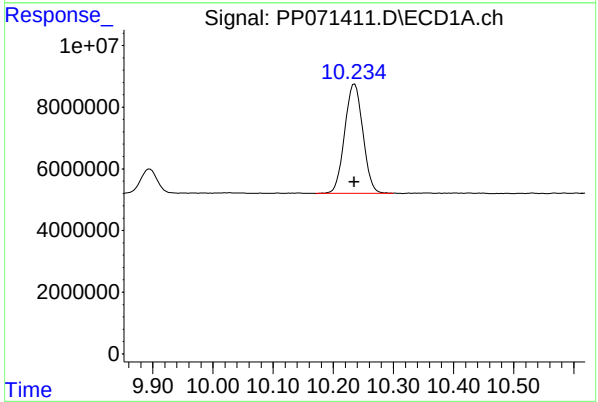
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 98220466
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



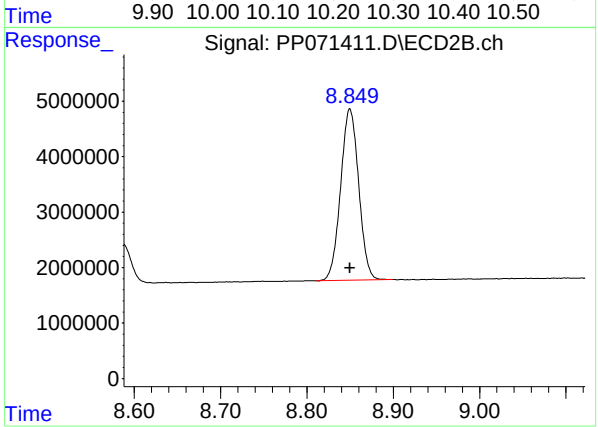
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 71170259
Conc: 50.00 ng/ml



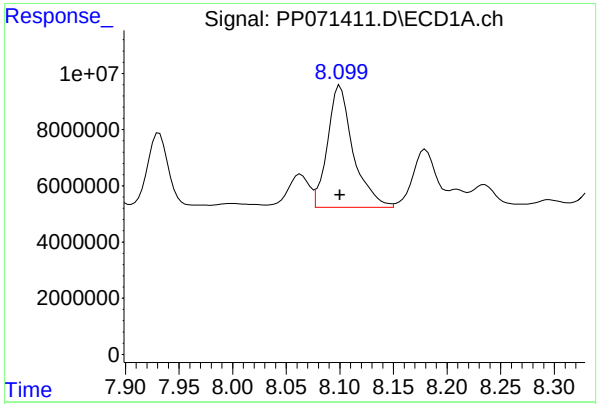
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 74643123
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

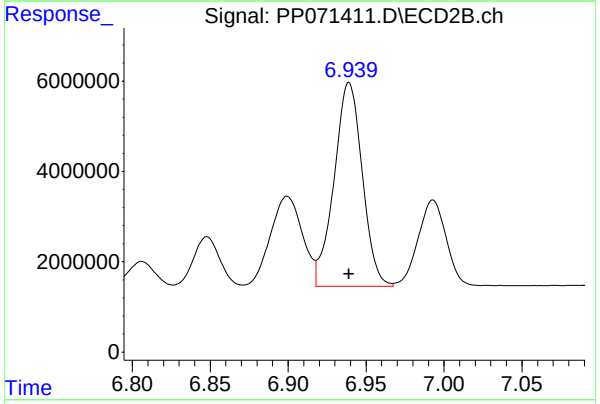
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 44870081
Conc: 50.00 ng/ml



#36 AR-1262-1

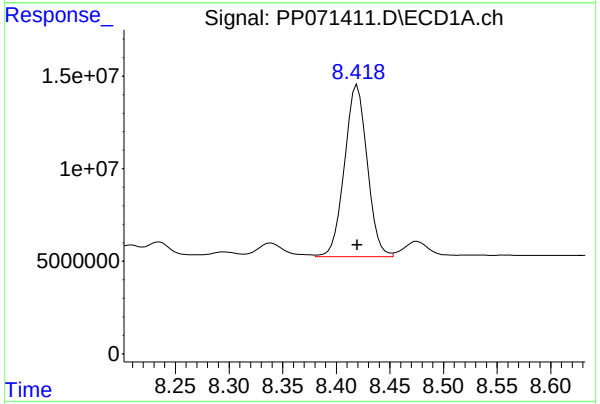
R.T.: 8.100 min
Delta R.T.: 0.000 min
Response: 72245642
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



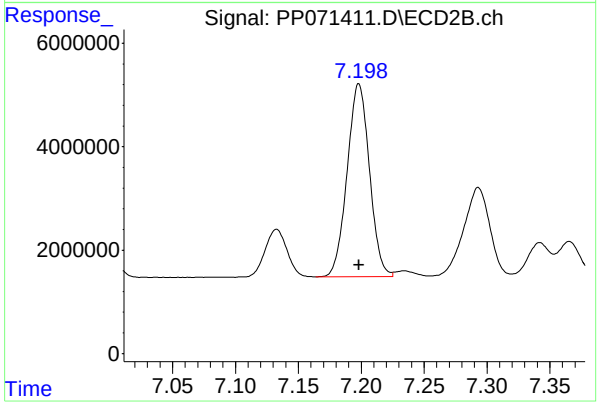
#36 AR-1262-1

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 56806132
Conc: 500.00 ng/ml



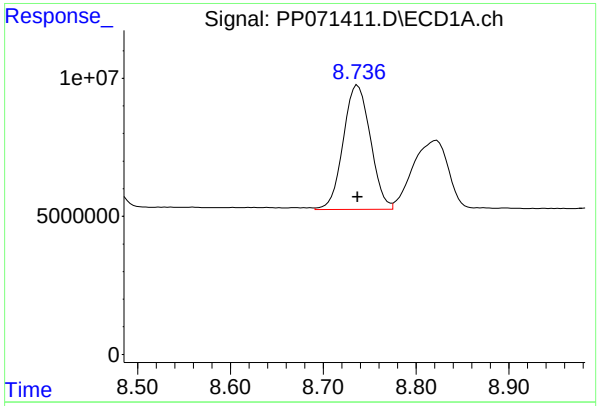
#37 AR-1262-2

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 137093050
Conc: 500.00 ng/ml



#37 AR-1262-2

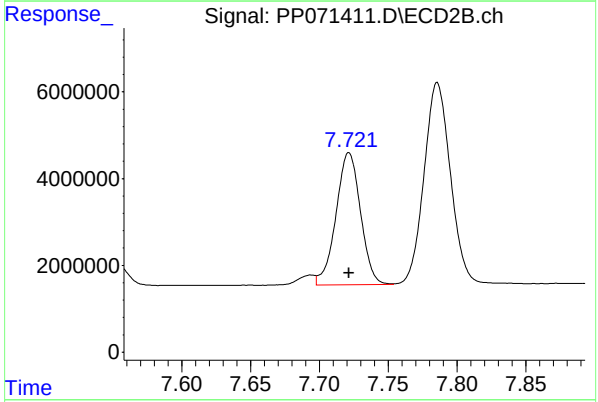
R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 46169678
Conc: 500.00 ng/ml



#38 AR-1262-3

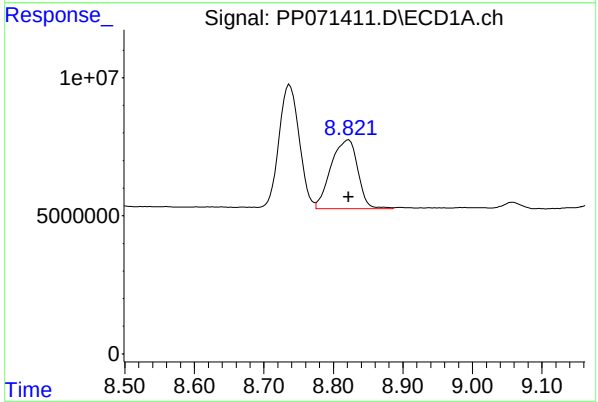
R.T.: 8.737 min
Delta R.T.: 0.000 min
Response: 91438860
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



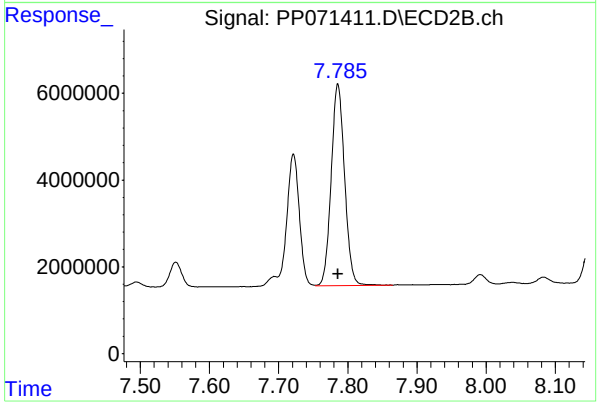
#38 AR-1262-3

R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 37847231
Conc: 500.00 ng/ml



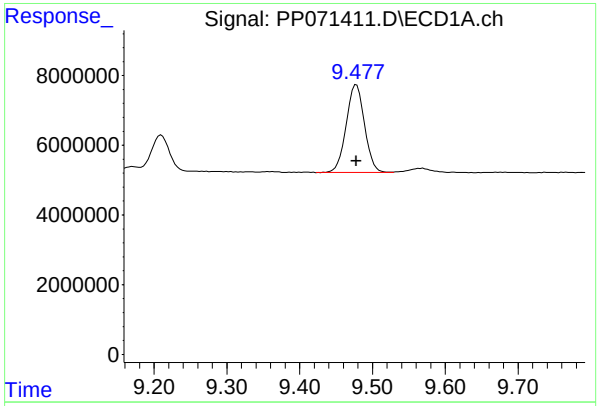
#39 AR-1262-4

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 67105487
Conc: 500.00 ng/ml



#39 AR-1262-4

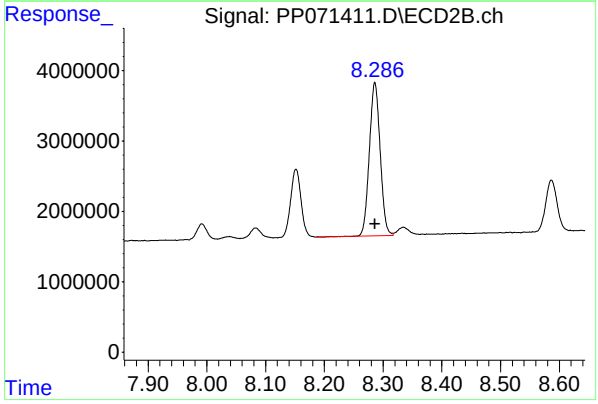
R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 62412938
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 44080983
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 27746588
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:44:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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...	4.514	3.812	188.4E6	147.6E6	95.054	100.837
2)	SA Decachlor...	10.235	8.850	248.7E6	149.9E6	93.152	93.528
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	299.6E6	181.9E6	936.979	895.922m
42)	L9 AR-1268-2	8.826	7.788	251.1E6	154.8E6	937.116	896.075
43)	L9 AR-1268-3	9.058	7.993	211.9E6	128.5E6	940.656	898.014
44)	L9 AR-1268-4	9.477	8.287	93231632	56964280	941.667	896.773
45)	L9 AR-1268-5	9.894	8.588	590.1E6	367.0E6	950.117	952.869

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 16:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

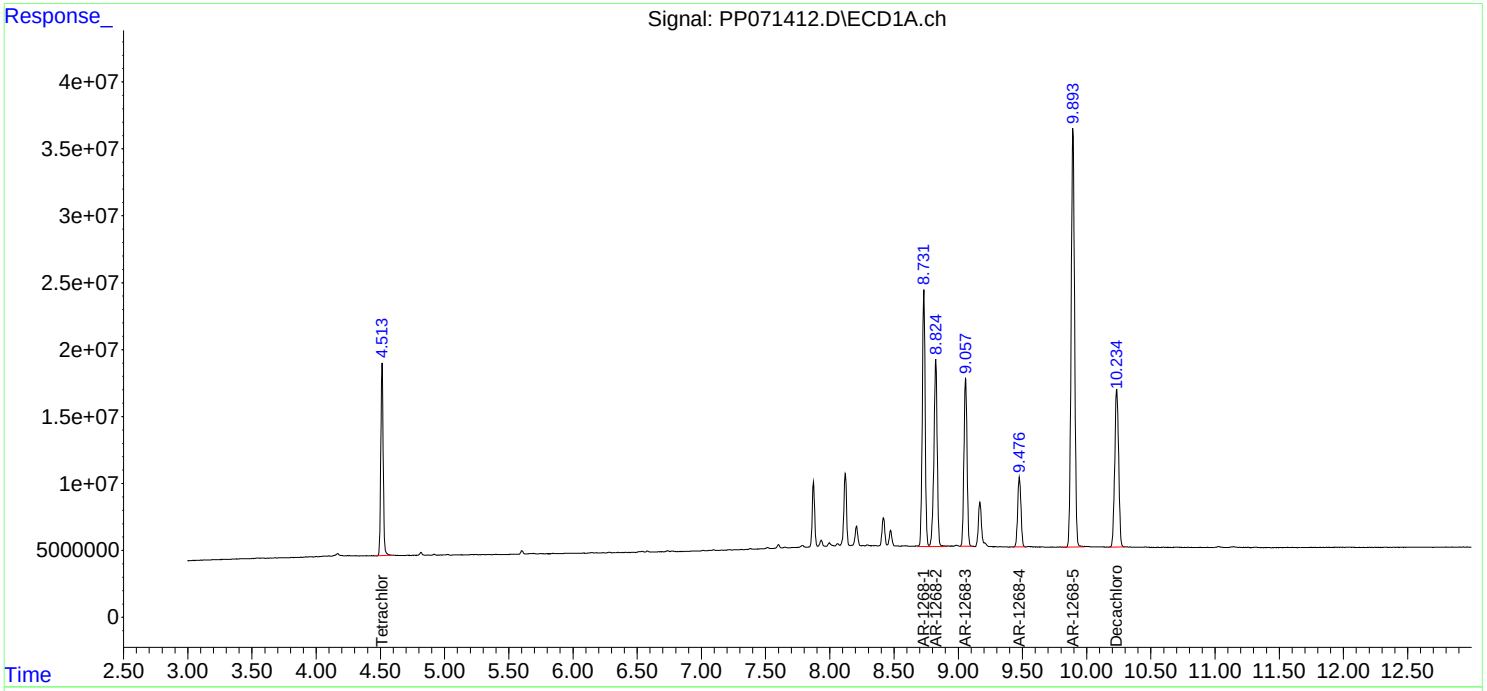
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

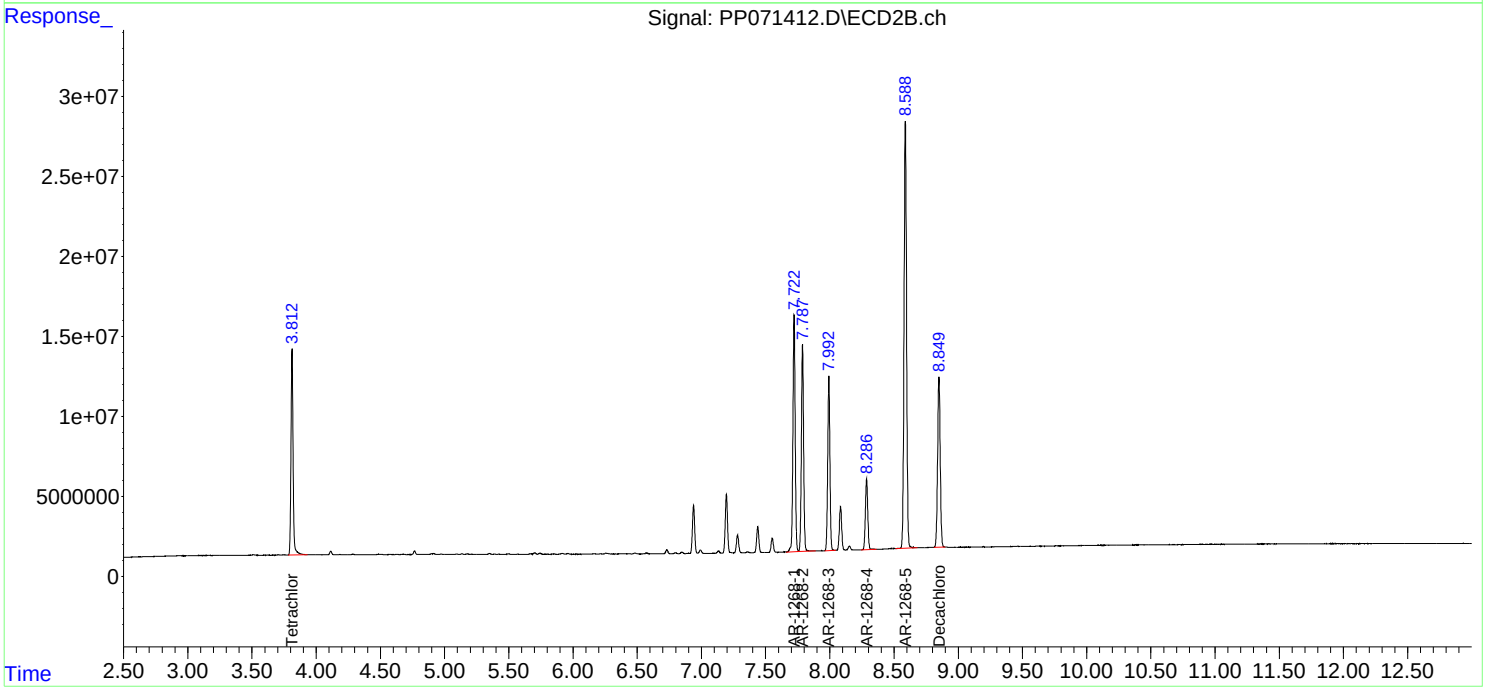
Manual Integrations APPROVED

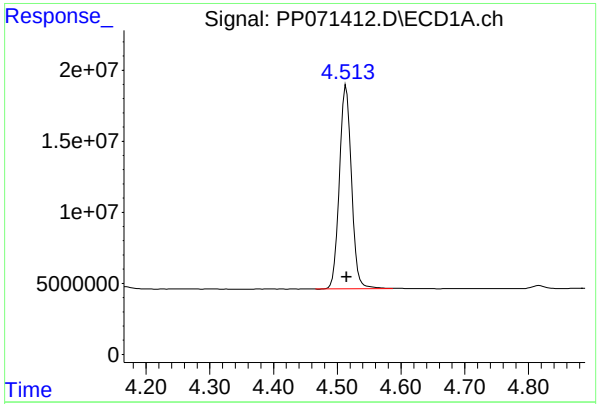
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:44:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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







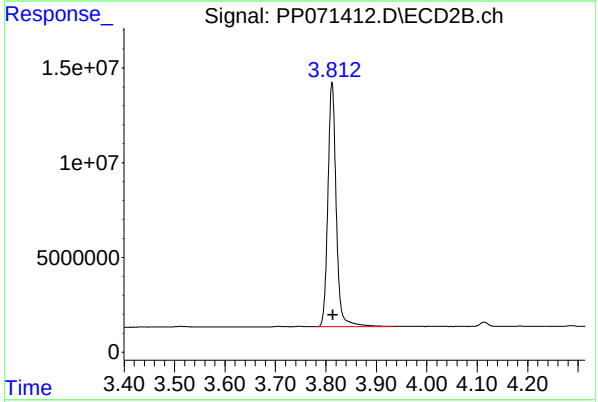
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 188397795
Conc: 95.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

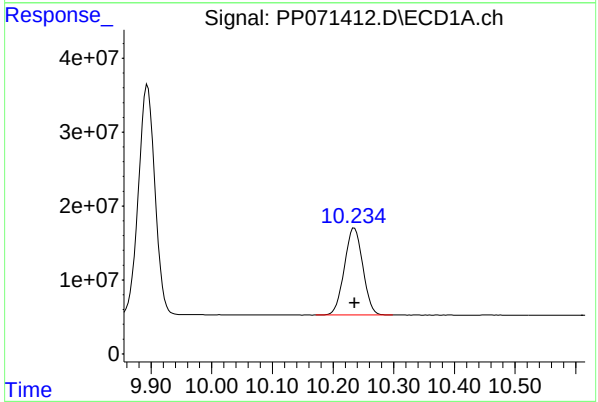
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



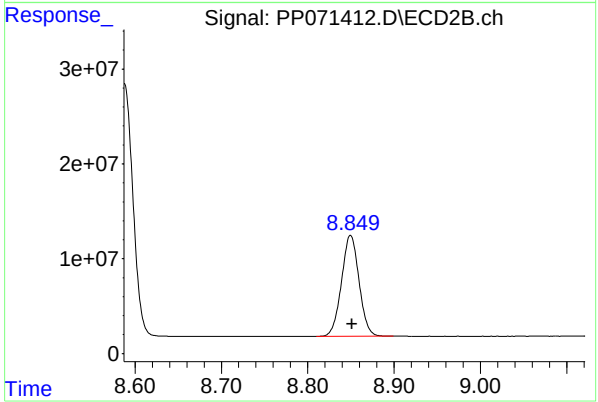
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 147647099
Conc: 100.84 ng/ml



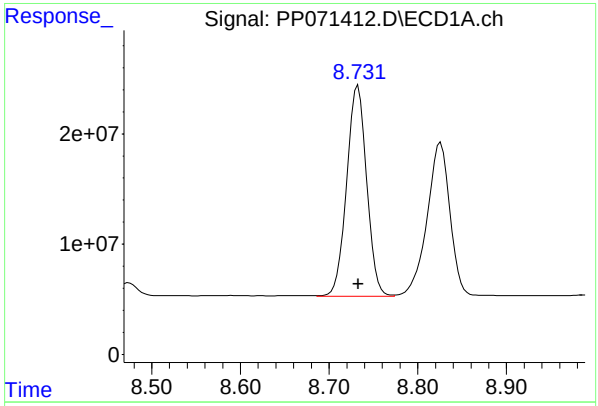
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 248662366
Conc: 93.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 149905120
Conc: 93.53 ng/ml



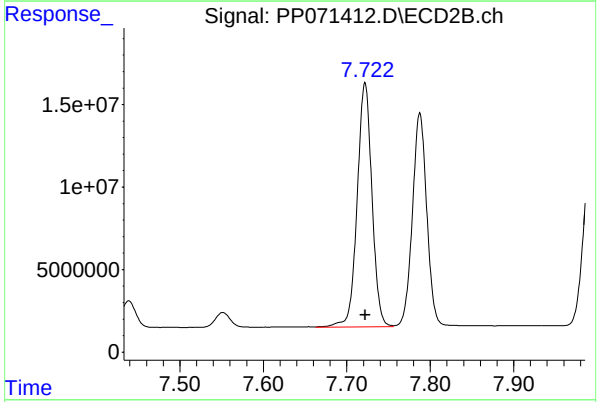
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 299594266
Conc: 936.98 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

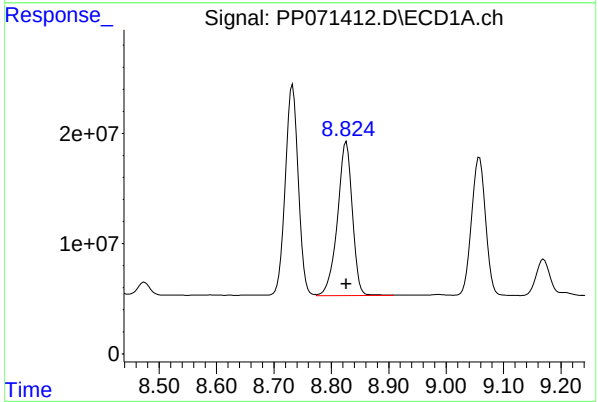
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



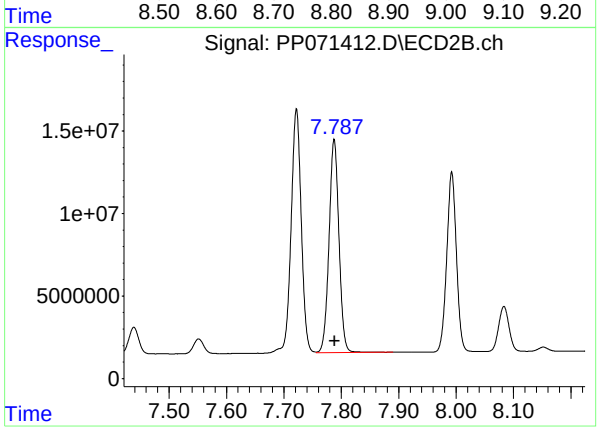
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 181860271
Conc: 895.92 ng/ml m



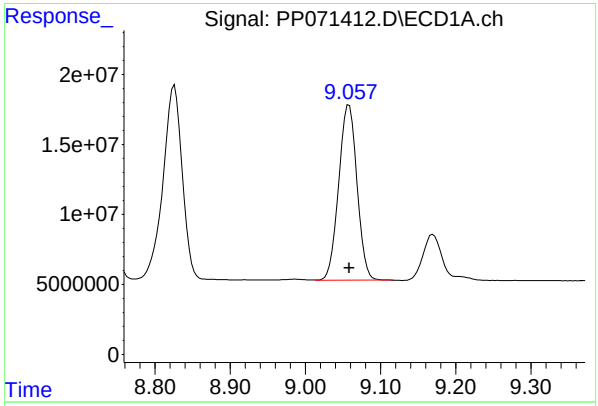
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 251109850
Conc: 937.12 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 154801411
Conc: 896.07 ng/ml



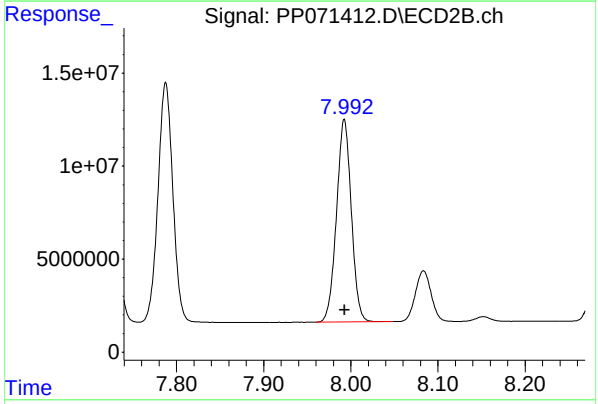
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 211915080
Conc: 940.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

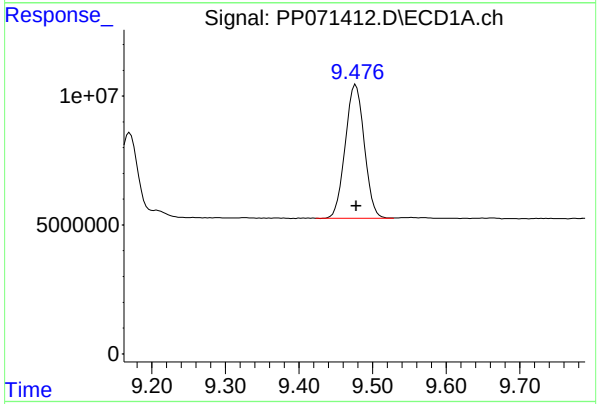
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



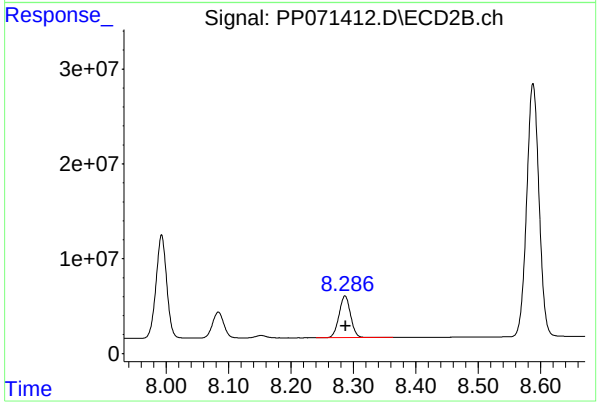
#43 AR-1268-3

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 128491160
Conc: 898.01 ng/ml



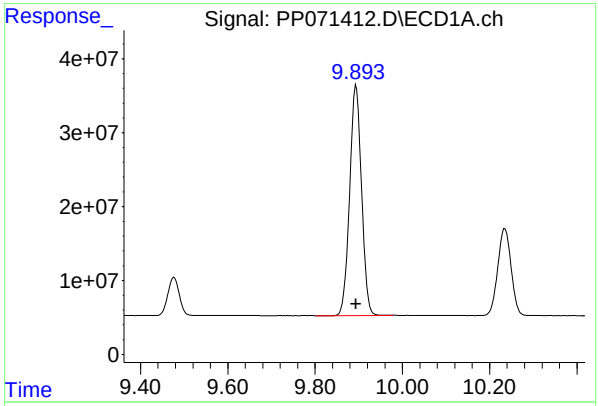
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 93231632
Conc: 941.67 ng/ml



#44 AR-1268-4

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 56964280
Conc: 896.77 ng/ml



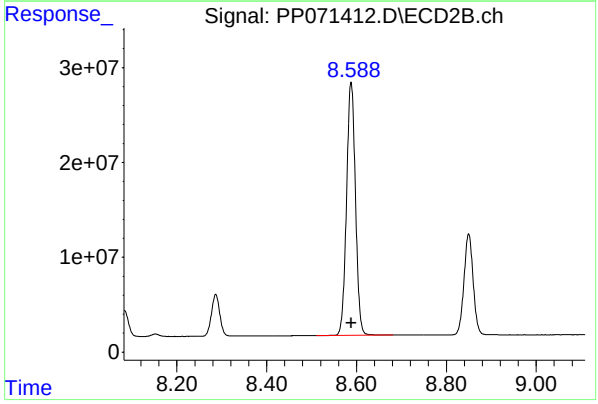
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 590082071
Conc: 950.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 367021219
Conc: 952.87 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:00
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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...	4.515	3.813	144.9E6	108.4E6	73.091	74.065
2)	SA Decachlor...	10.234	8.849	191.8E6	116.0E6	71.833	72.344
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.721	231.8E6	141.3E6	725.026	696.327m
42)	L9 AR-1268-2	8.826	7.787	194.3E6	119.6E6	725.052	692.534
43)	L9 AR-1268-3	9.058	7.991	163.8E6	99816904	726.929	697.612
44)	L9 AR-1268-4	9.476	8.285	72323269	44771879	730.486	704.831
45)	L9 AR-1268-5	9.894	8.587	452.8E6	283.3E6	729.082	735.437

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:00
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

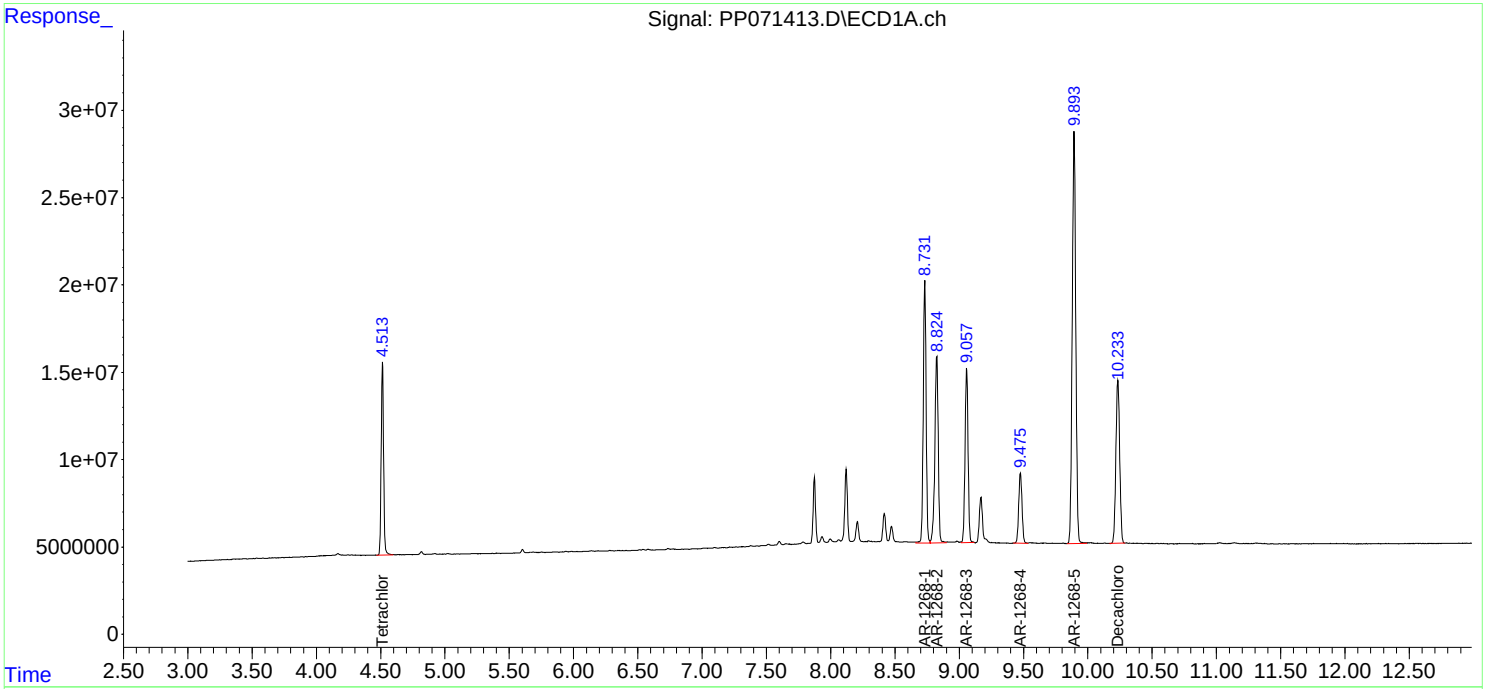
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

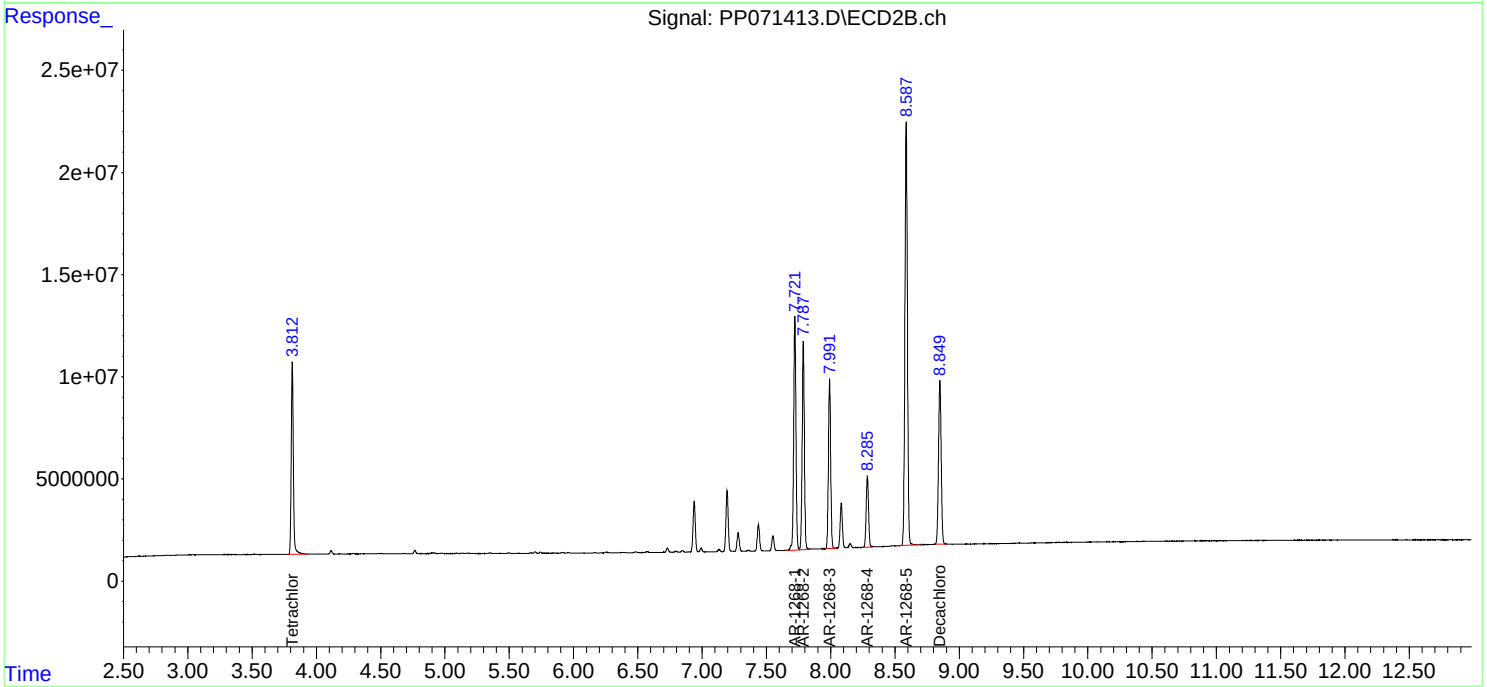
Manual Integrations APPROVED

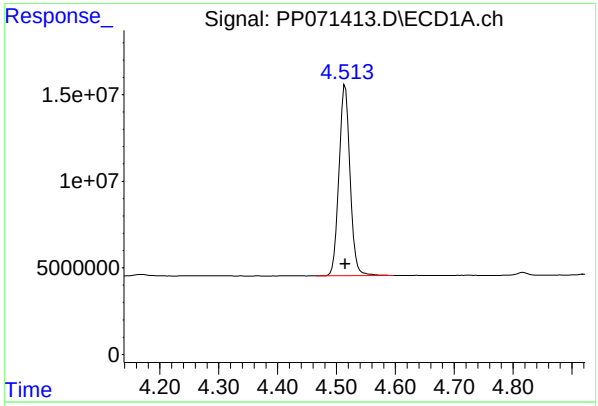
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:45:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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







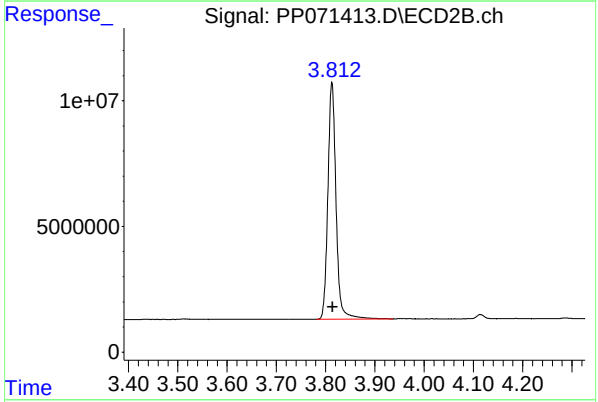
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 144867571
Conc: 73.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

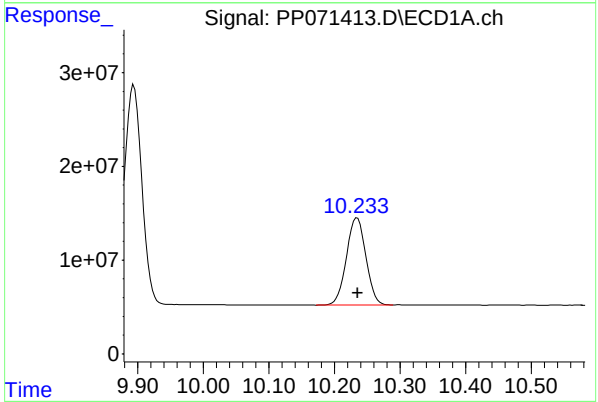
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



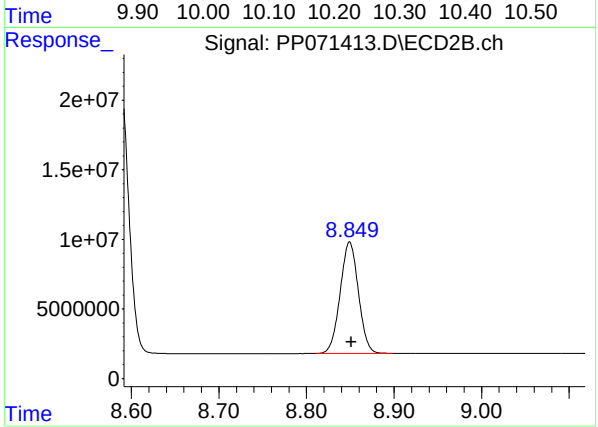
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 108446461
Conc: 74.06 ng/ml



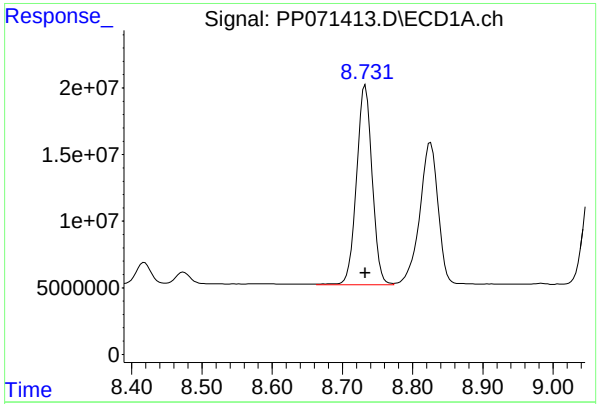
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.001 min
Response: 191753222
Conc: 71.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 115953007
Conc: 72.34 ng/ml



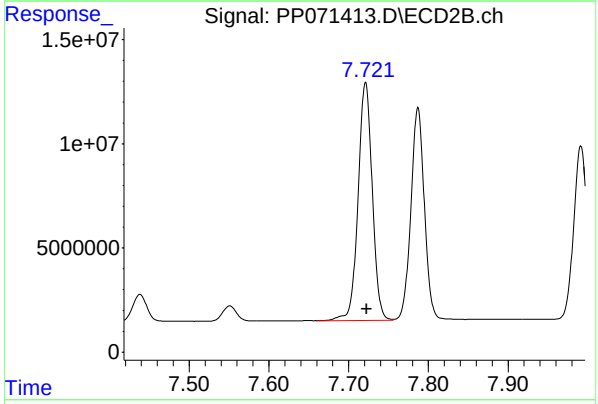
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 231823386
Conc: 725.03 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

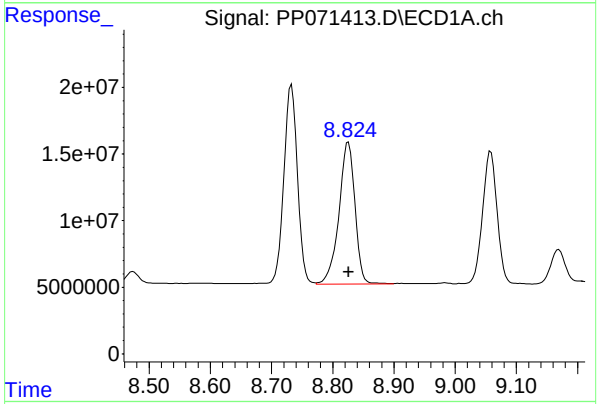
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



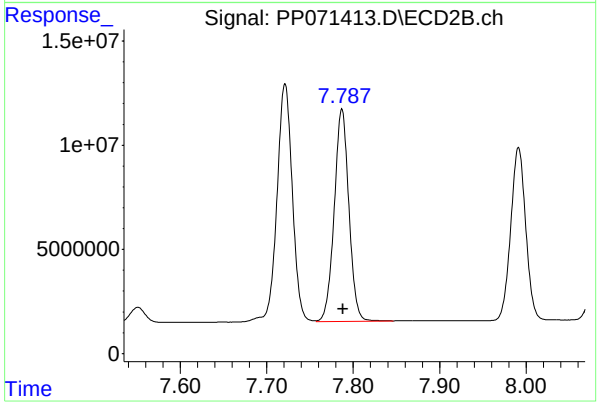
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 141345145
Conc: 696.33 ng/ml m



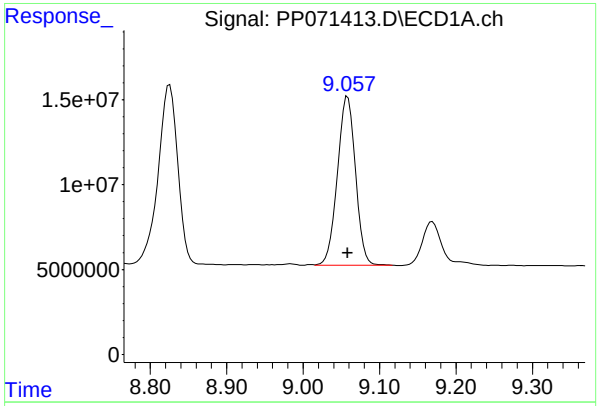
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 194285253
Conc: 725.05 ng/ml



#42 AR-1268-2

R.T.: 7.787 min
Delta R.T.: -0.001 min
Response: 119638783
Conc: 692.53 ng/ml



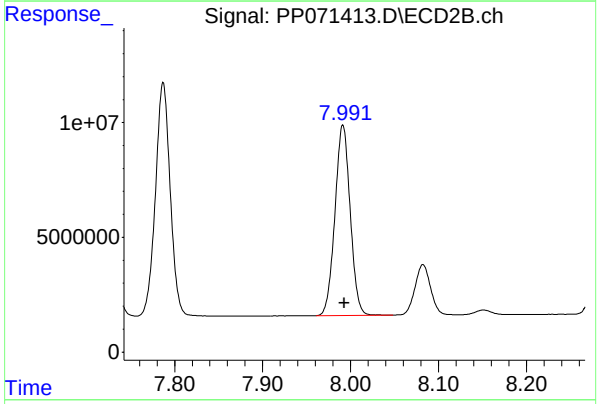
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 163765585
Conc: 726.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

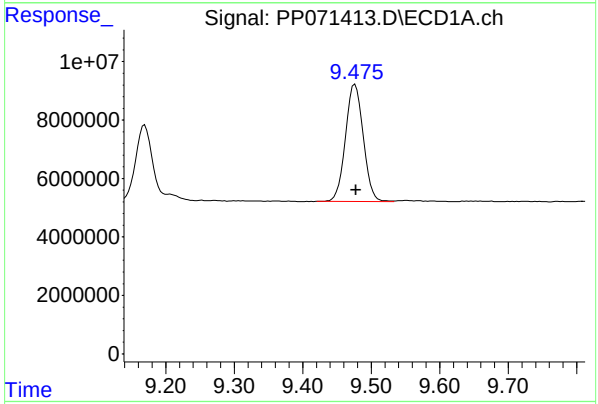
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



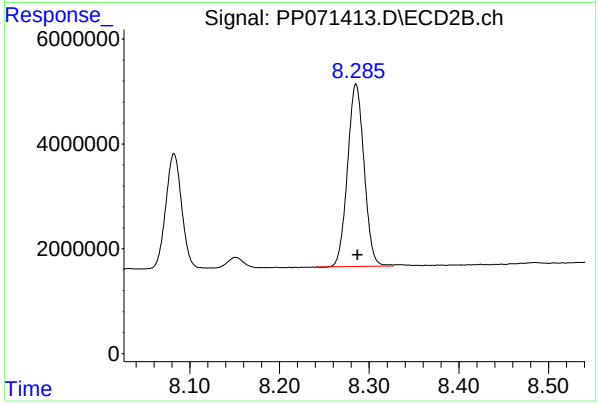
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 99816904
Conc: 697.61 ng/ml



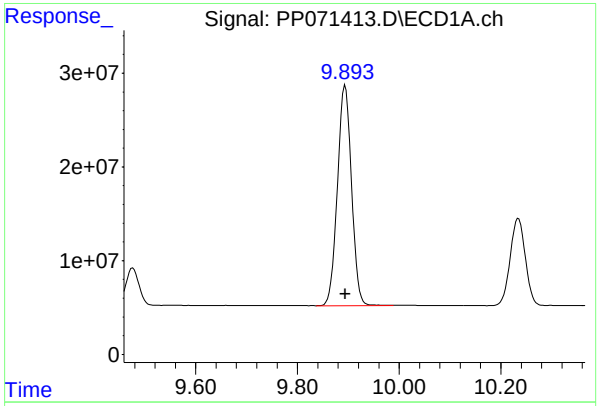
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.002 min
Response: 72323269
Conc: 730.49 ng/ml



#44 AR-1268-4

R.T.: 8.285 min
Delta R.T.: -0.002 min
Response: 44771879
Conc: 704.83 ng/ml



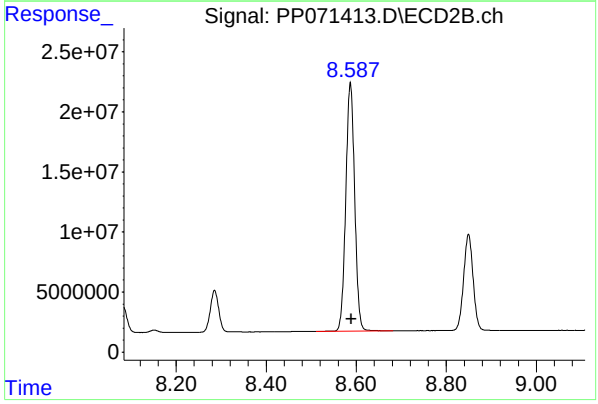
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 452805185
Conc: 729.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 283271897
Conc: 735.44 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:16
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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...	4.515	3.814	99100413	73210719	50.000	50.000
2)	SA Decachlor...	10.236	8.851	133.5E6	80139523	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	159.9E6	101.7E6	500.000	501.224m
42)	L9 AR-1268-2	8.826	7.788	134.0E6	86377504	500.000	500.000
43)	L9 AR-1268-3	9.059	7.993	112.6E6	71541846	500.000	500.000
44)	L9 AR-1268-4	9.478	8.287	49503520	31760699	500.000	500.000
45)	L9 AR-1268-5	9.894	8.589	310.5E6	192.6E6	500.000	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:16
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

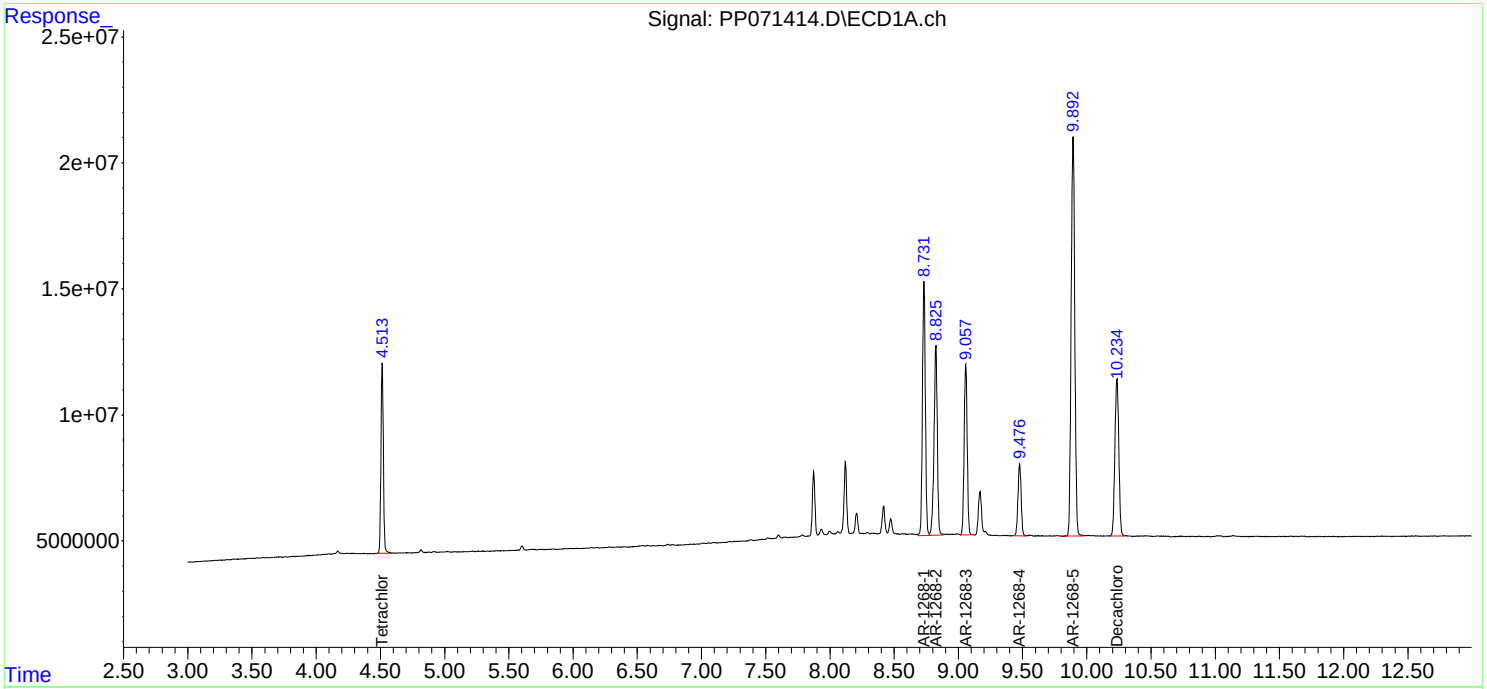
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

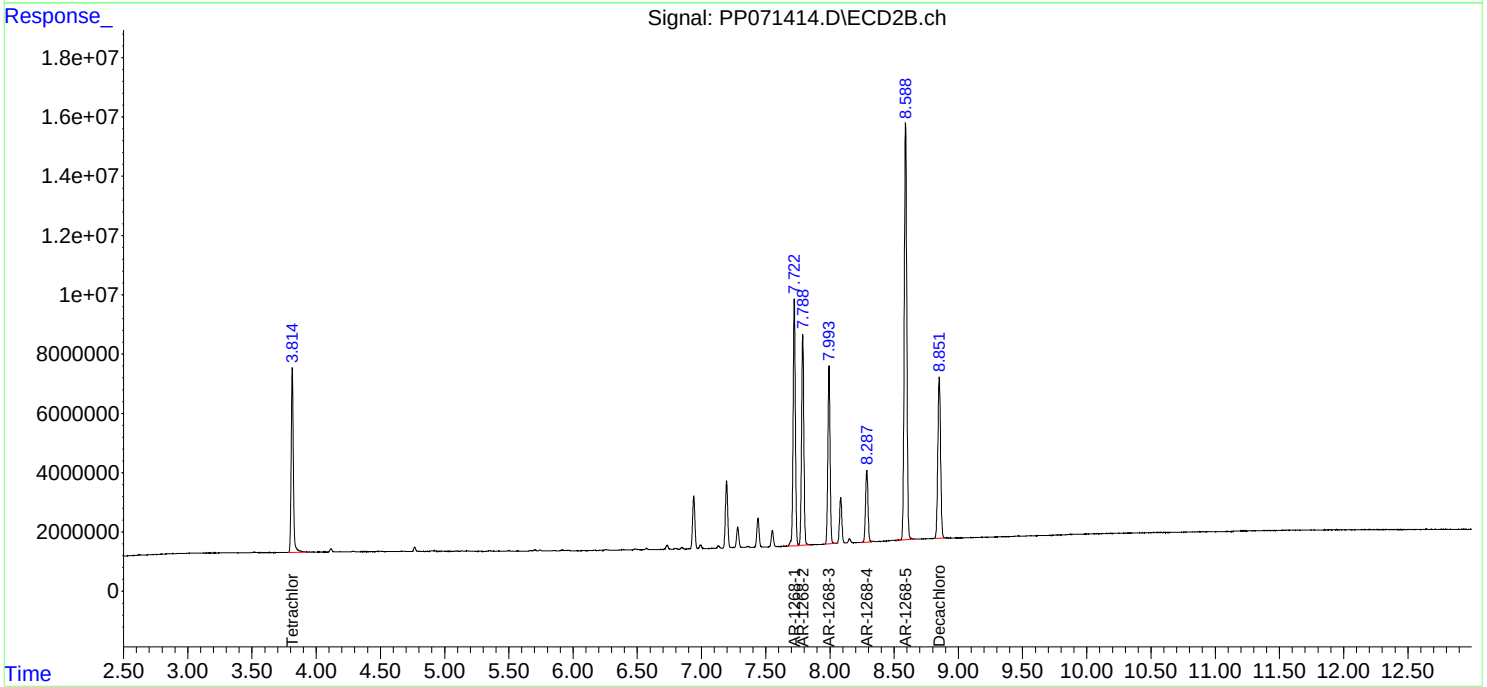
Manual Integrations APPROVED

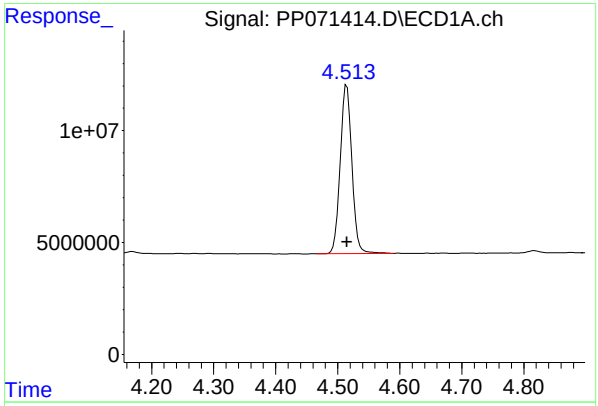
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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







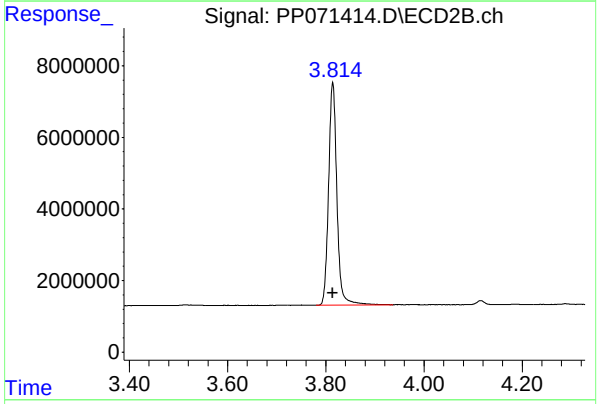
#1 Tetrachloro-m-xylene

R.T.: 4.515 min
Delta R.T.: 0.000 mi
Response: 99100413
Conc: 50.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

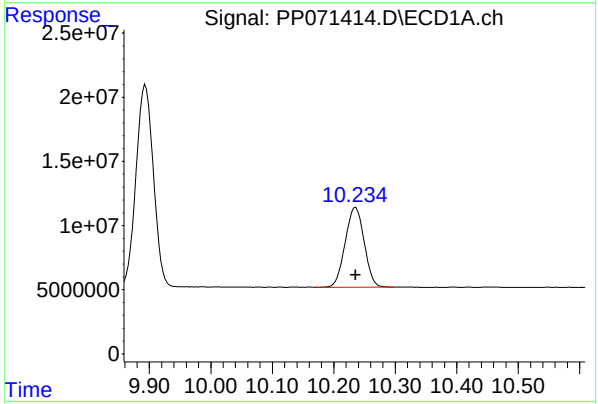
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



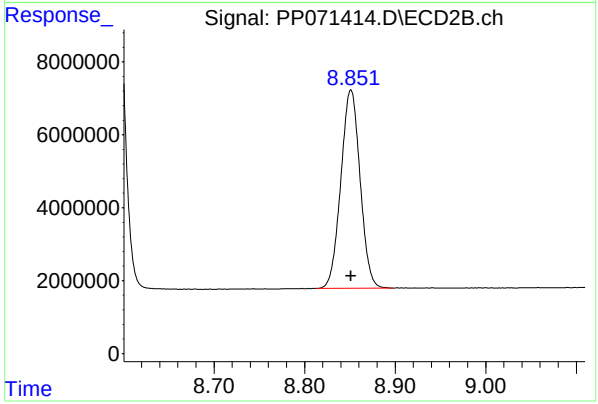
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 73210719
Conc: 50.00 ng/ml



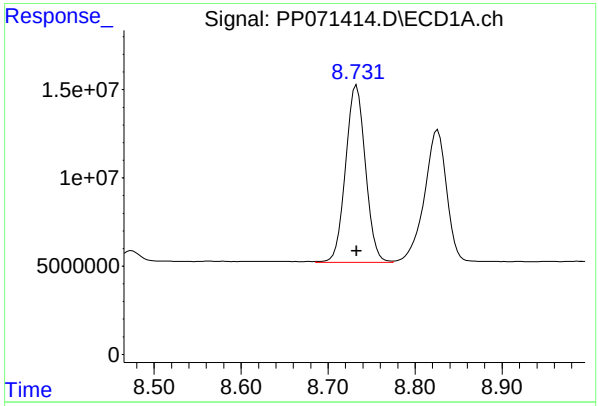
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 133470748
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 80139523
Conc: 50.00 ng/ml



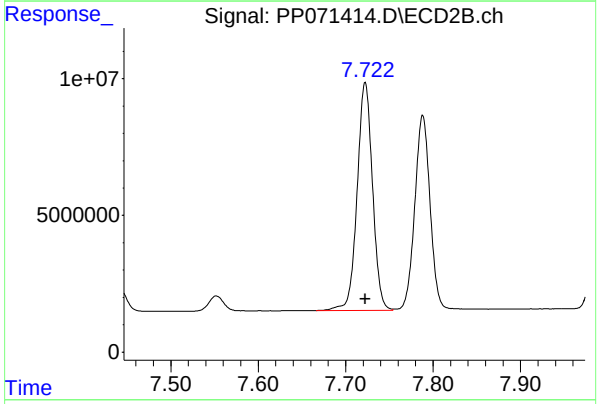
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 159872402
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

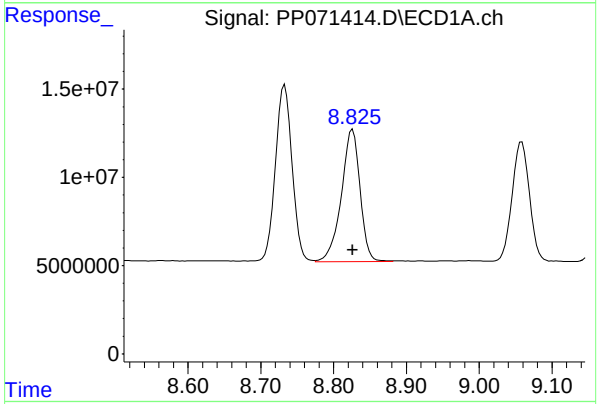
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



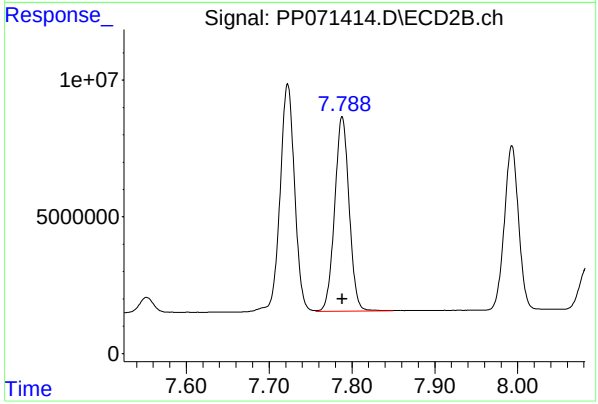
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 101741890
Conc: 501.22 ng/ml m



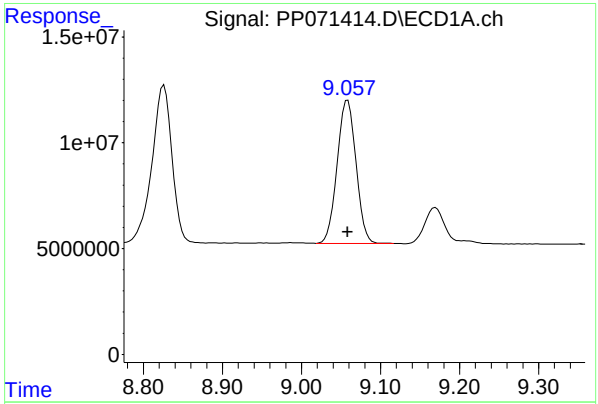
#42 AR-1268-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 133980177
Conc: 500.00 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 86377504
Conc: 500.00 ng/ml



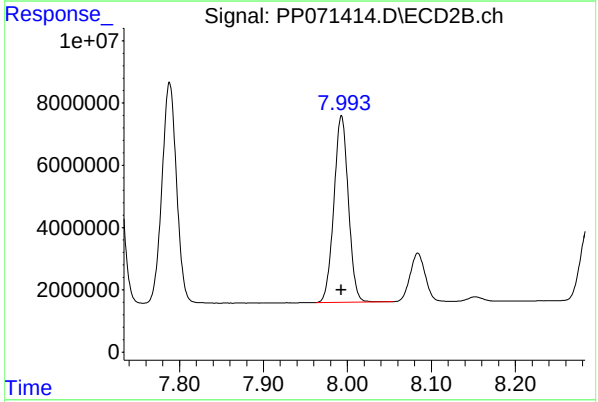
#43 AR-1268-3

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 112642140
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

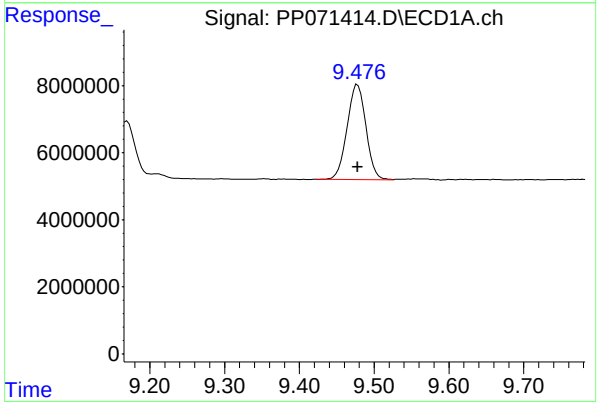
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



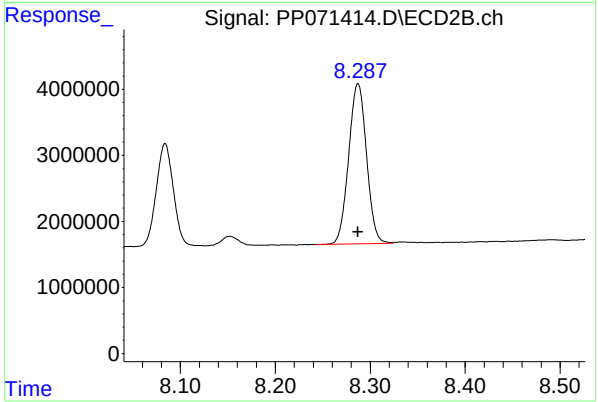
#43 AR-1268-3

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 71541846
Conc: 500.00 ng/ml



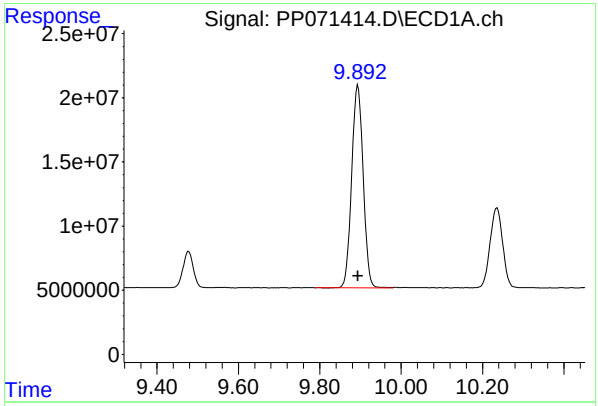
#44 AR-1268-4

R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 49503520
Conc: 500.00 ng/ml



#44 AR-1268-4

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 31760699
Conc: 500.00 ng/ml



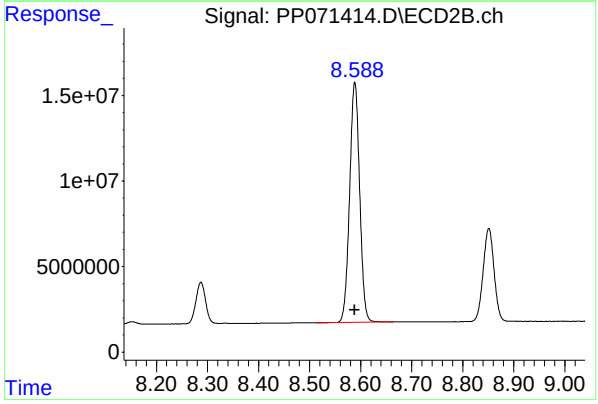
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 310531224
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.589 min
Delta R.T.: 0.000 min
Response: 192587534
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:33
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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...	4.517	3.813	50174786	36443440	25.315	24.889
2)	SA Decachlor...	10.236	8.850	67366681	41318494	25.236	25.779
	Target Compounds						
41)	L9 AR-1268-1	8.735	7.721	82956522	51353583	259.446	252.990m
42)	L9 AR-1268-2	8.828	7.788	68964227	43318102	257.367	250.749
43)	L9 AR-1268-3	9.061	7.991	57876424	36193296	256.904	252.952
44)	L9 AR-1268-4	9.480	8.286	24514996	16044448	247.609	252.583
45)	L9 AR-1268-5	9.897	8.587	157.8E6	96869753	254.135	251.495

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:33
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

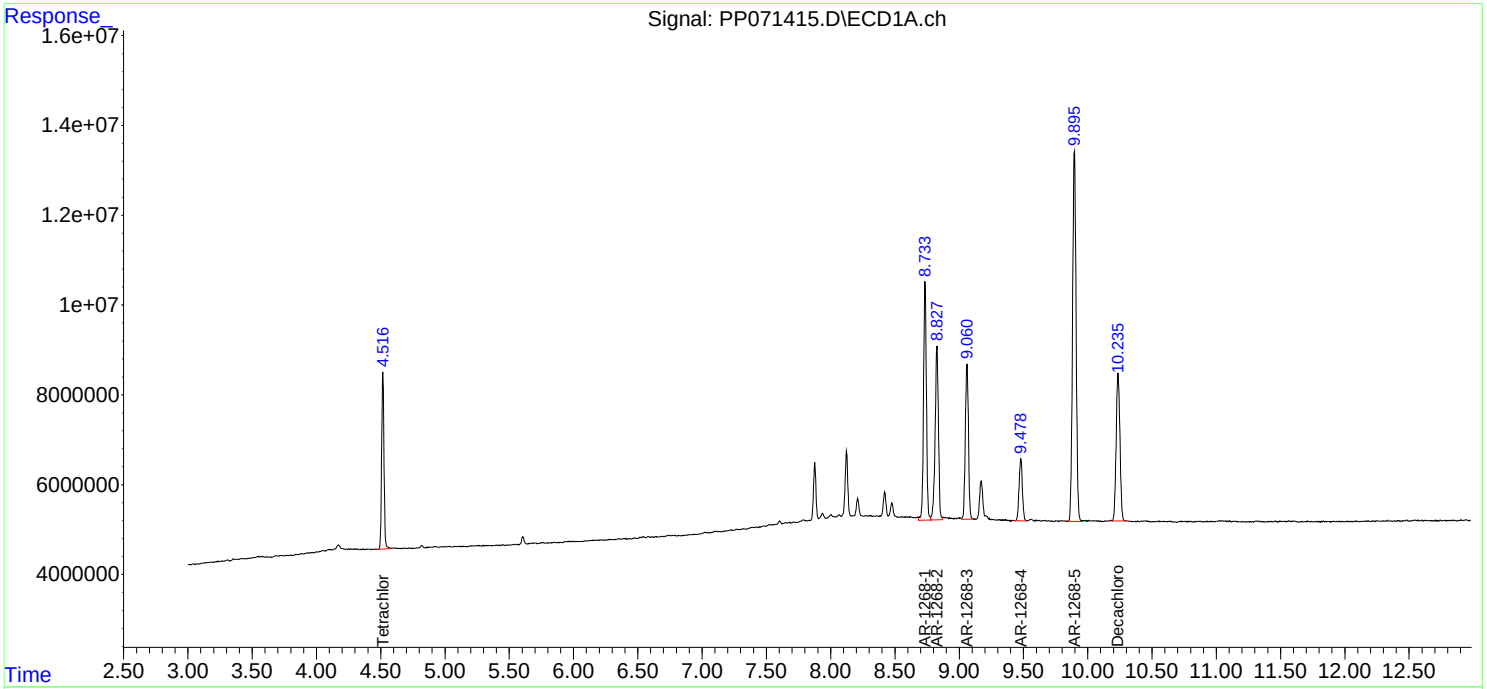
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

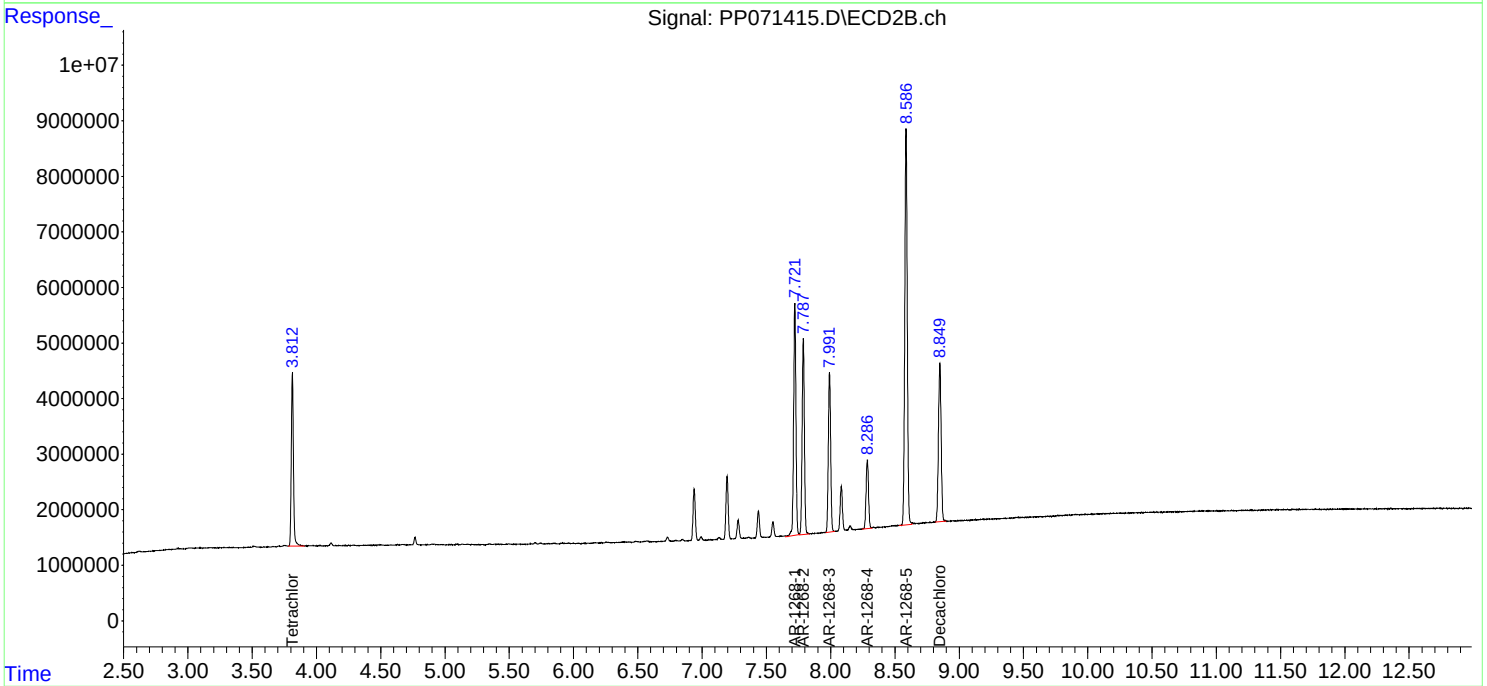
Manual Integrations APPROVED

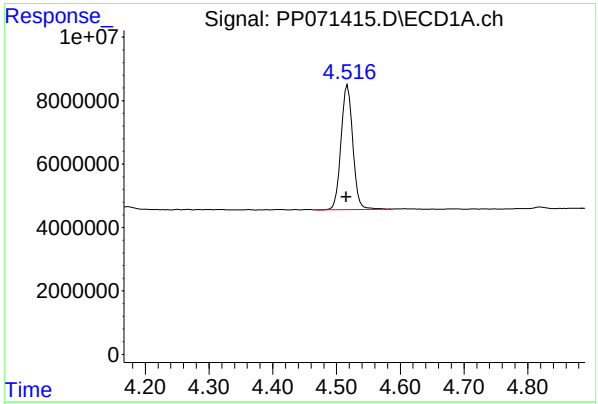
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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







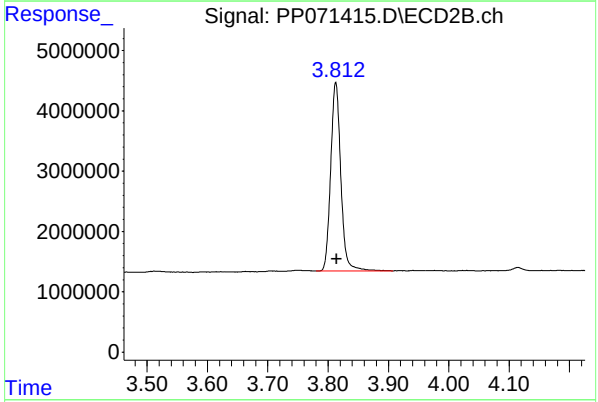
#1 Tetrachloro-m-xylene

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 50174786
Conc: 25.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

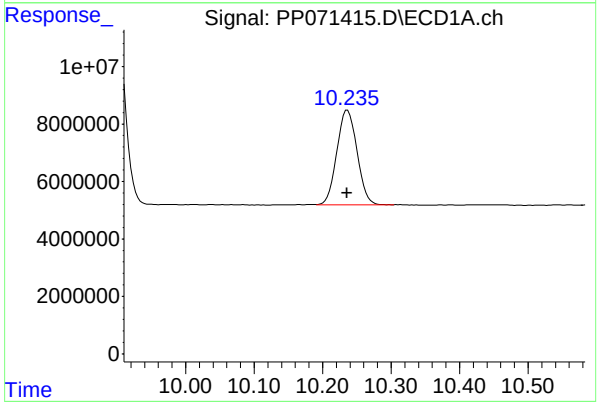
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



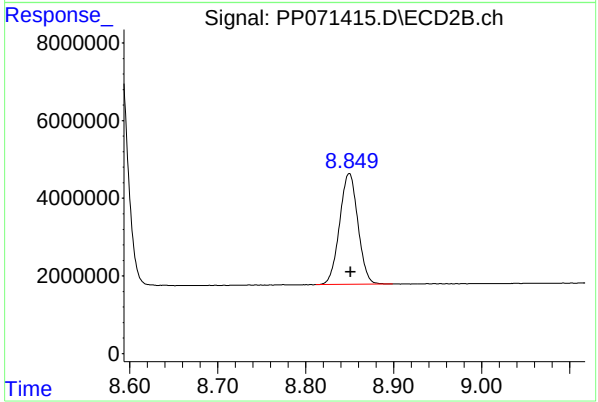
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 36443440
Conc: 24.89 ng/ml



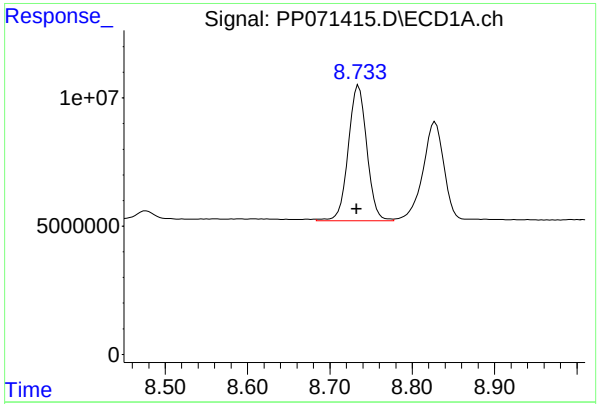
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 67366681
Conc: 25.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.002 min
Response: 41318494
Conc: 25.78 ng/ml



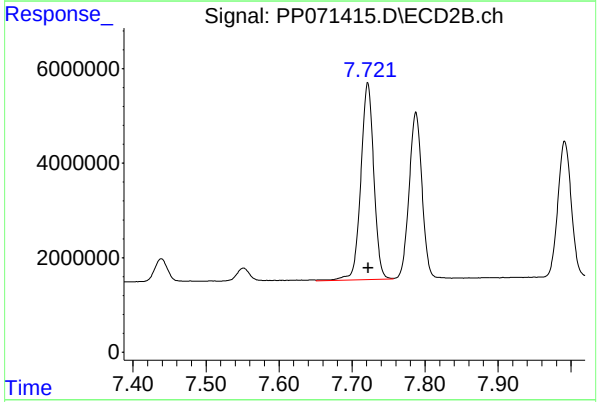
#41 AR-1268-1

R.T.: 8.735 min
Delta R.T.: 0.002 mi
Response: 82956522
Conc: 259.45 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

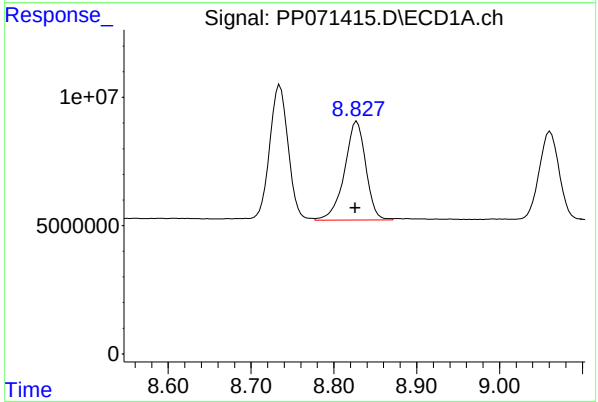
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



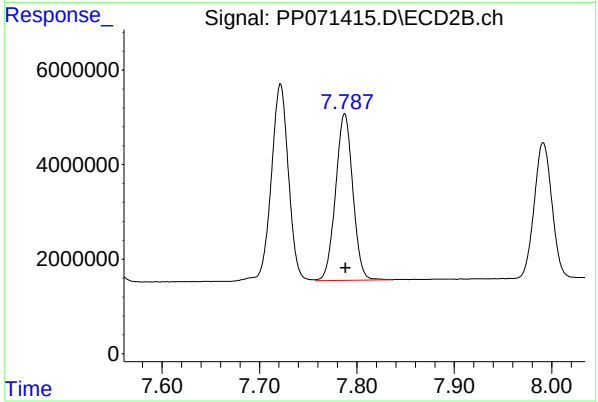
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 51353583
Conc: 252.99 ng/ml m



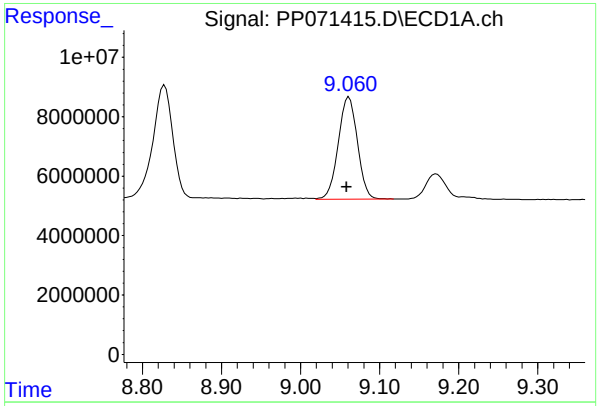
#42 AR-1268-2

R.T.: 8.828 min
Delta R.T.: 0.002 min
Response: 68964227
Conc: 257.37 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 43318102
Conc: 250.75 ng/ml



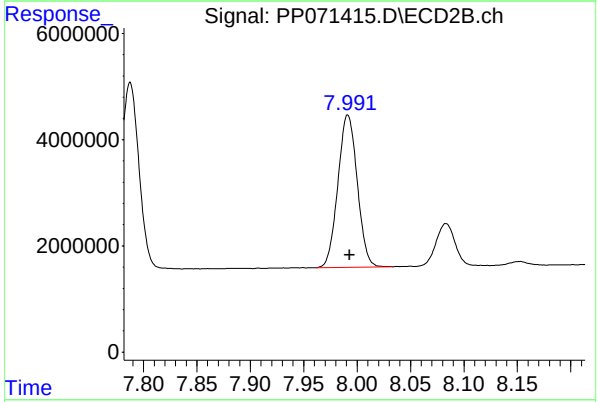
#43 AR-1268-3

R.T.: 9.061 min
Delta R.T.: 0.003 min
Response: 57876424
Conc: 256.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

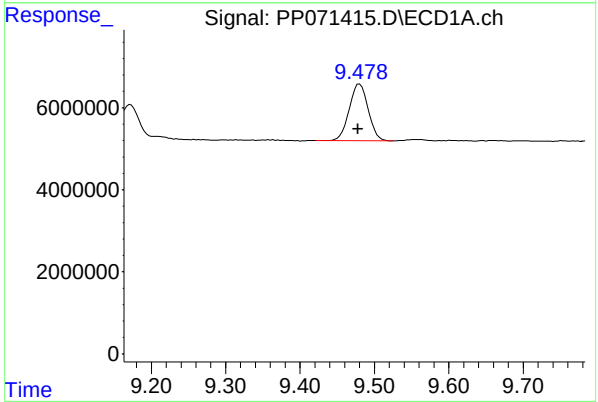
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



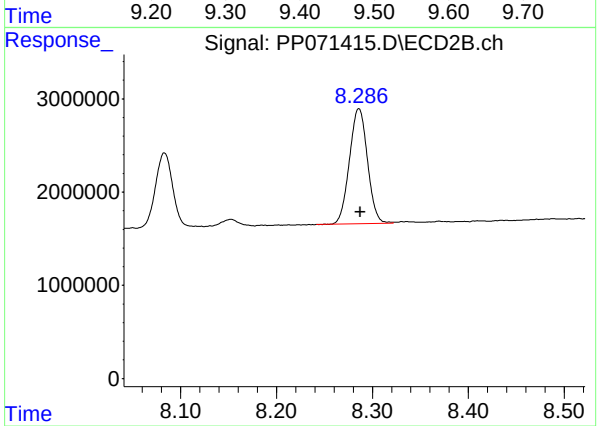
#43 AR-1268-3

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 36193296
Conc: 252.95 ng/ml



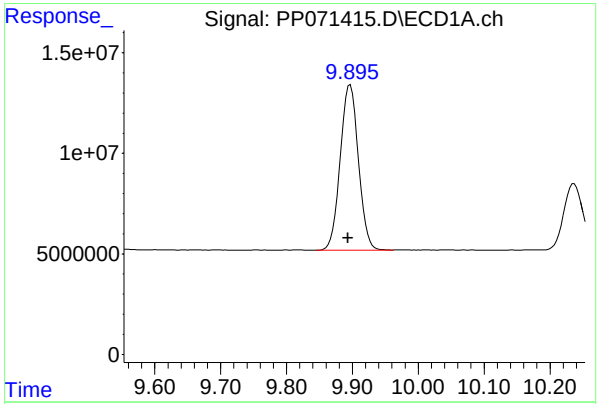
#44 AR-1268-4

R.T.: 9.480 min
Delta R.T.: 0.002 min
Response: 24514996
Conc: 247.61 ng/ml



#44 AR-1268-4

R.T.: 8.286 min
Delta R.T.: -0.001 min
Response: 16044448
Conc: 252.58 ng/ml



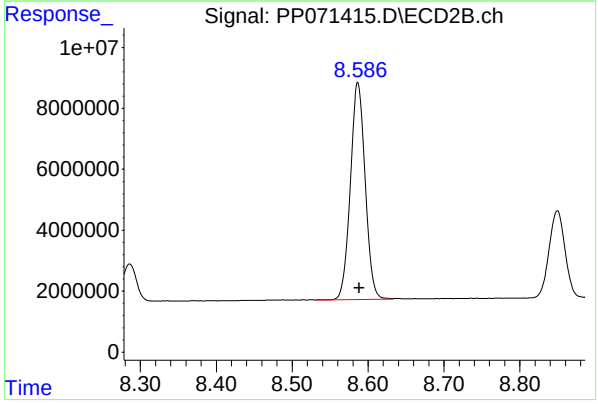
#45 AR-1268-5

R.T.: 9.897 min
Delta R.T.: 0.003 min
Response: 157833758
Conc: 254.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 96869753
Conc: 251.50 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:49
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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...	4.514	3.813	7954830	6504410	4.014	4.442
2)	SA Decachlor...	10.235	8.850	11316360	7324768	4.239	4.570
	Target Compounds						
41)	L9 AR-1268-1	8.731	7.721	14103190	10095232	44.108m	49.733m
42)	L9 AR-1268-2	8.825	7.787	11406198	8528068	42.567m	49.365
43)	L9 AR-1268-3	9.058	7.992	10823544	6773456	48.044	47.339
44)	L9 AR-1268-4	9.476	8.287	4136815	2789666	41.783	43.917
45)	L9 AR-1268-5	9.894	8.588	26835395	17143092	43.209	44.507

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 17:49
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

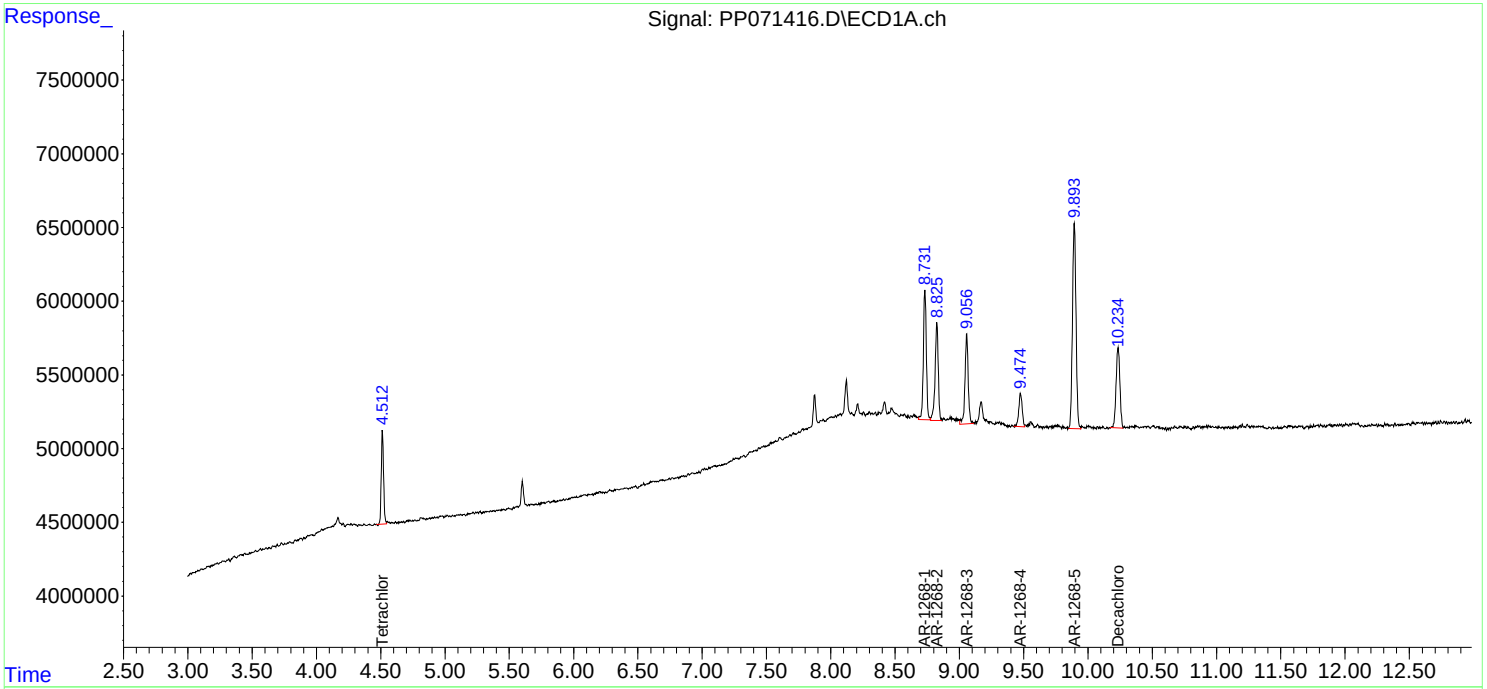
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

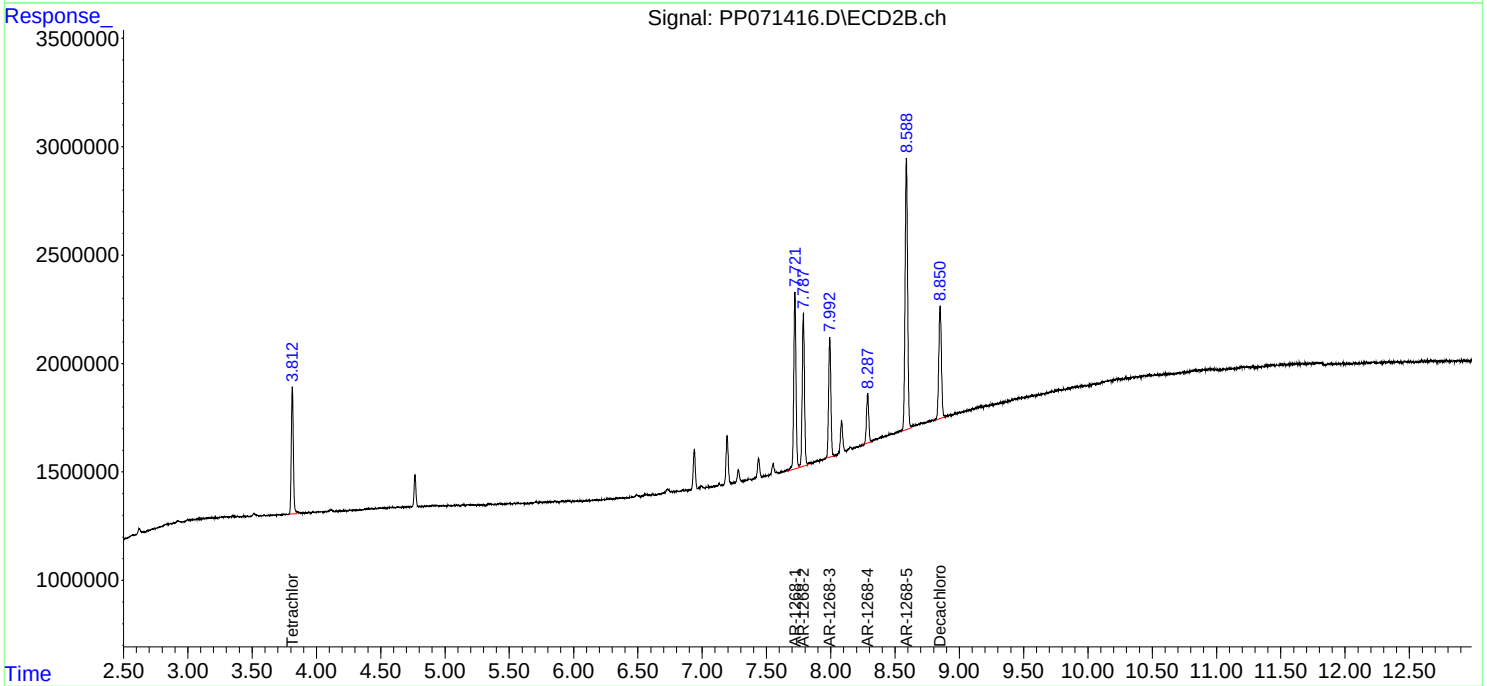
Manual Integrations APPROVED

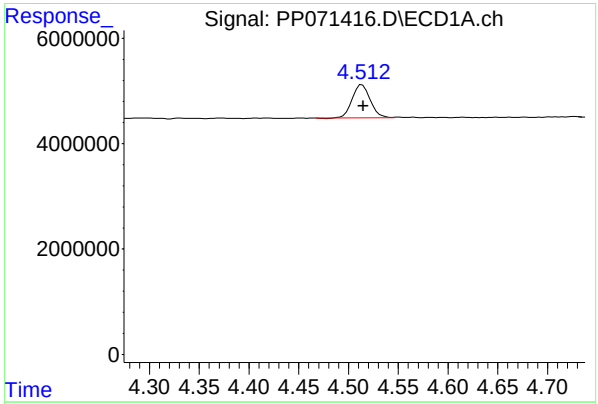
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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







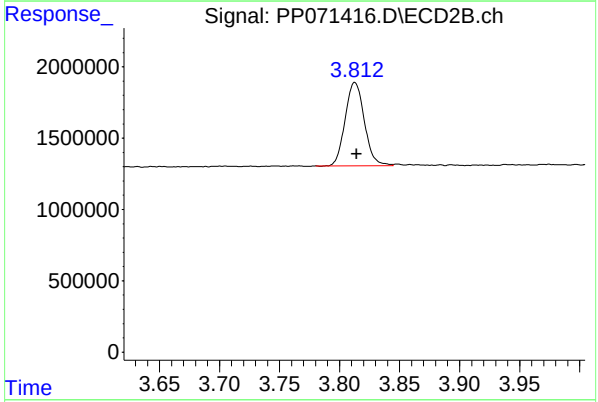
#1 Tetrachloro-m-xylene

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 7954830
Conc: 4.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

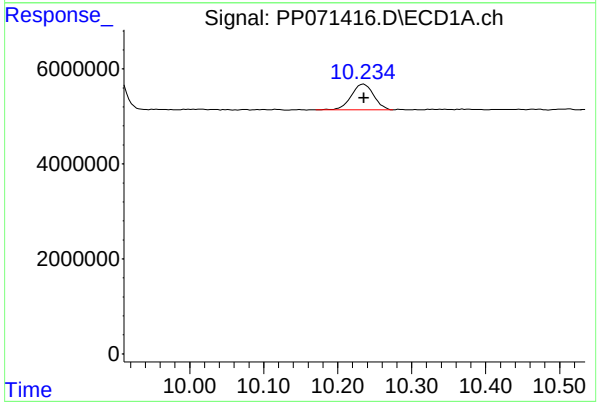
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



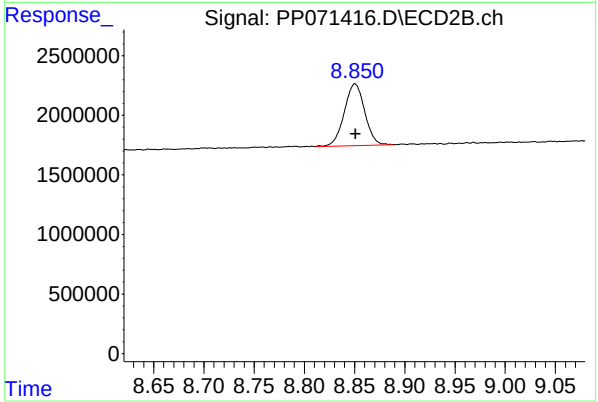
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 6504410
Conc: 4.44 ng/ml



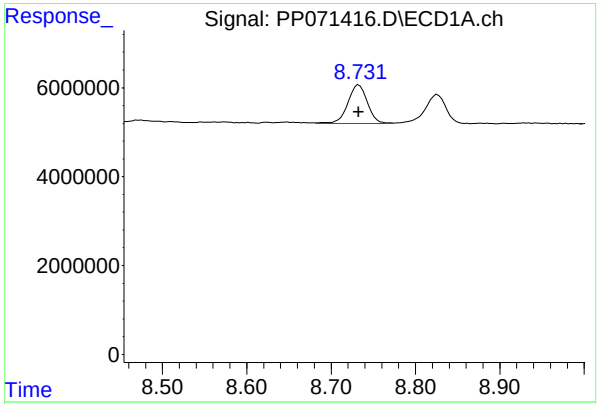
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 11316360
Conc: 4.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 7324768
Conc: 4.57 ng/ml



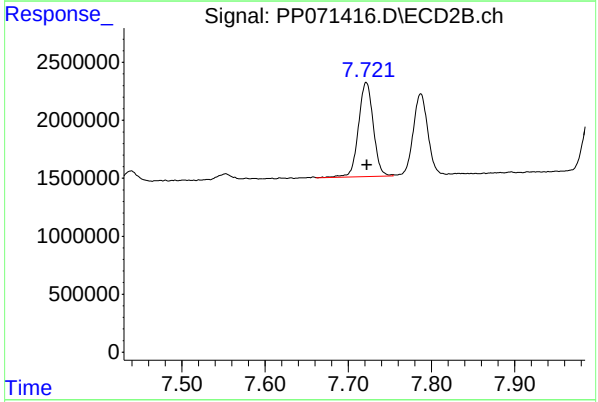
#41 AR-1268-1

R.T.: 8.731 min
Delta R.T.: -0.001 mi
Response: 14103190
Conc: 44.11 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

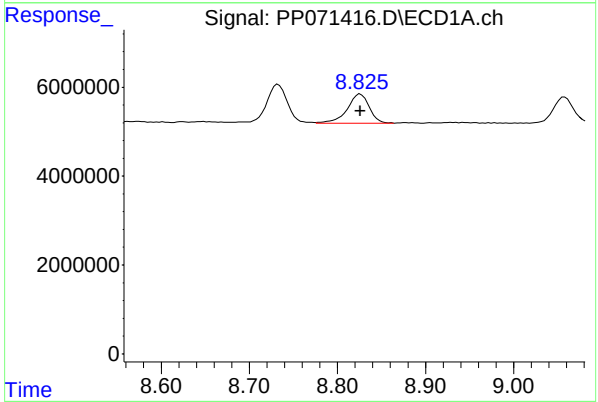
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



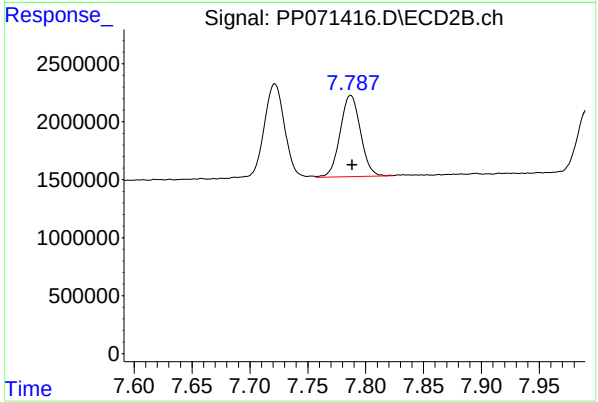
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 10095232
Conc: 49.73 ng/ml m



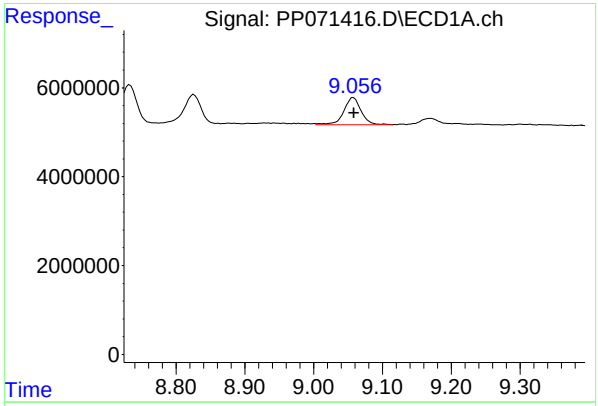
#42 AR-1268-2

R.T.: 8.825 min
Delta R.T.: -0.001 min
Response: 11406198
Conc: 42.57 ng/ml m



#42 AR-1268-2

R.T.: 7.787 min
Delta R.T.: -0.001 min
Response: 8528068
Conc: 49.37 ng/ml



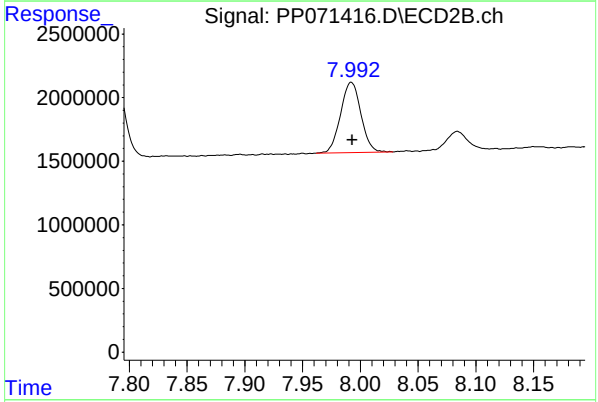
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 10823544
Conc: 48.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

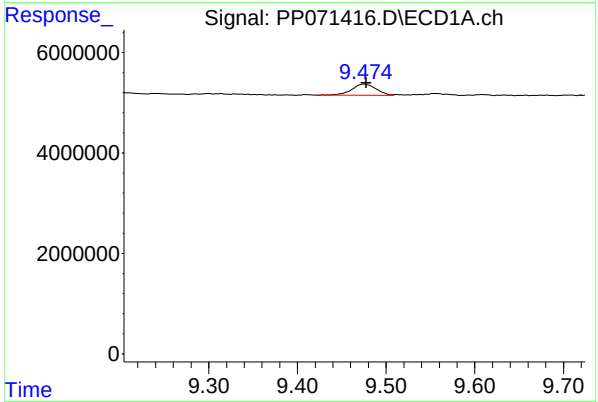
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



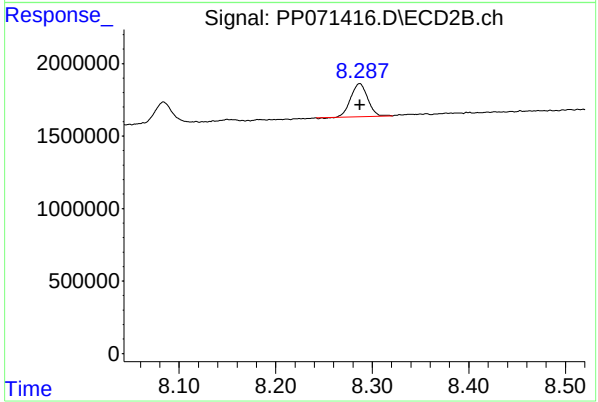
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 6773456
Conc: 47.34 ng/ml



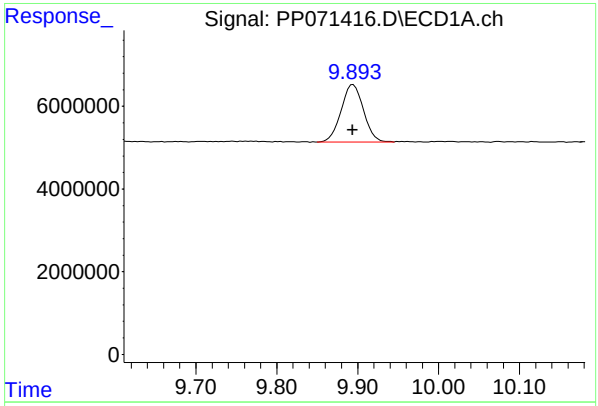
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.002 min
Response: 4136815
Conc: 41.78 ng/ml



#44 AR-1268-4

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 2789666
Conc: 43.92 ng/ml



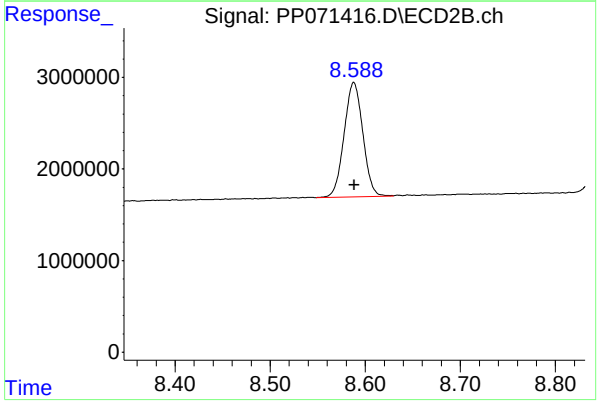
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 mi
Response: 26835395
Conc: 43.21 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 17143092
Conc: 44.51 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:05
Operator : YP\AJ
Sample : PP042225ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 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...	4.514	3.812	98003244	70310326	49.431	49.914
2)	SA Decachlor...	10.233	8.849	73424396	44681766	50.707	50.945
	Target Compounds						
3)	L1 AR-1016-1	5.668	4.898	33546404	27255669	500.321	509.132
4)	L1 AR-1016-2	5.690	4.916	50377176	38783246	490.870	507.875
5)	L1 AR-1016-3	5.752	5.093	30221252	21921068	490.230	519.328
6)	L1 AR-1016-4	5.850	5.135	25444869	18087794	496.019	524.498
7)	L1 AR-1016-5	6.142	5.349	24049539	22819712	498.556	513.411
31)	L7 AR-1260-1	7.262	6.384	46974832	35744650	489.196	494.399
32)	L7 AR-1260-2	7.515	6.573	70731391	43416292	494.358	496.405
33)	L7 AR-1260-3	7.875	6.726	58007061	39241127	517.439	500.604
34)	L7 AR-1260-4	8.098	7.198	56235072	31343464	498.252	496.643
35)	L7 AR-1260-5	8.418	7.439	114.7E6	75416996	506.086	500.188

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

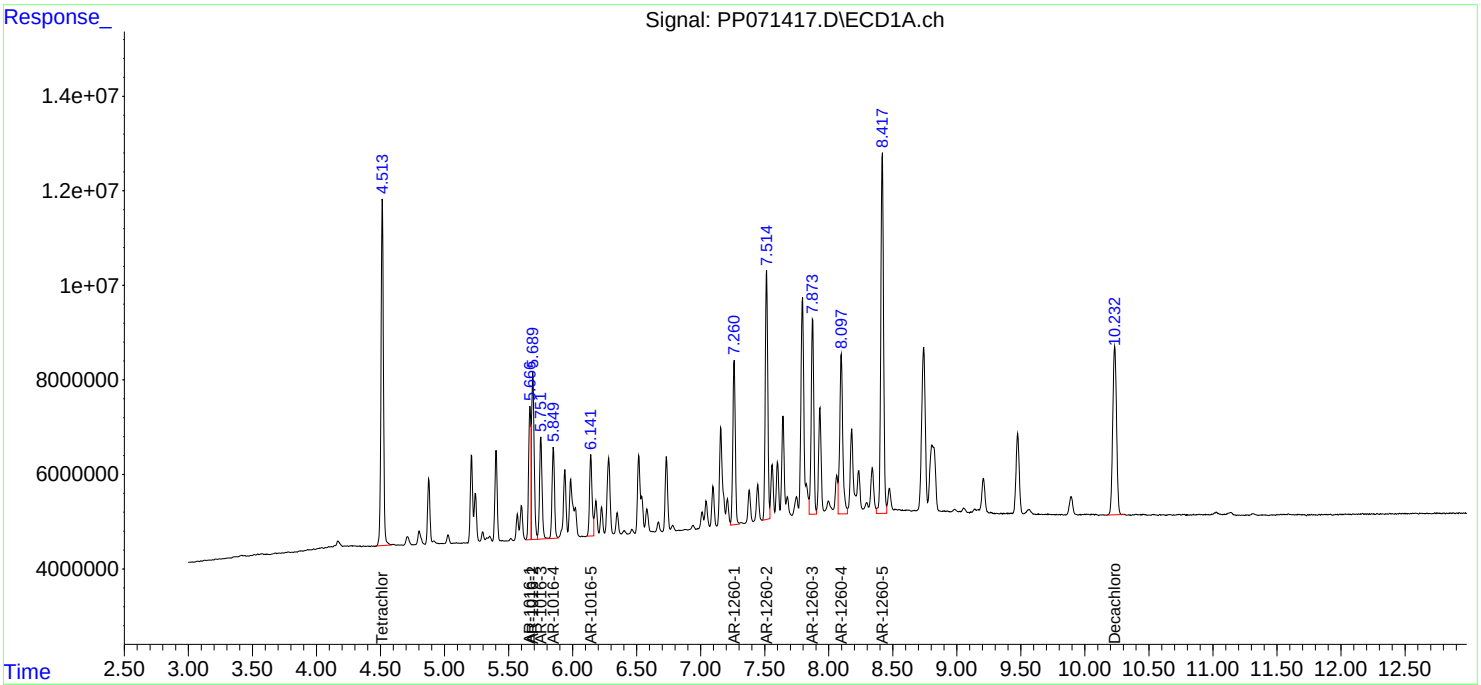
ICAL Form

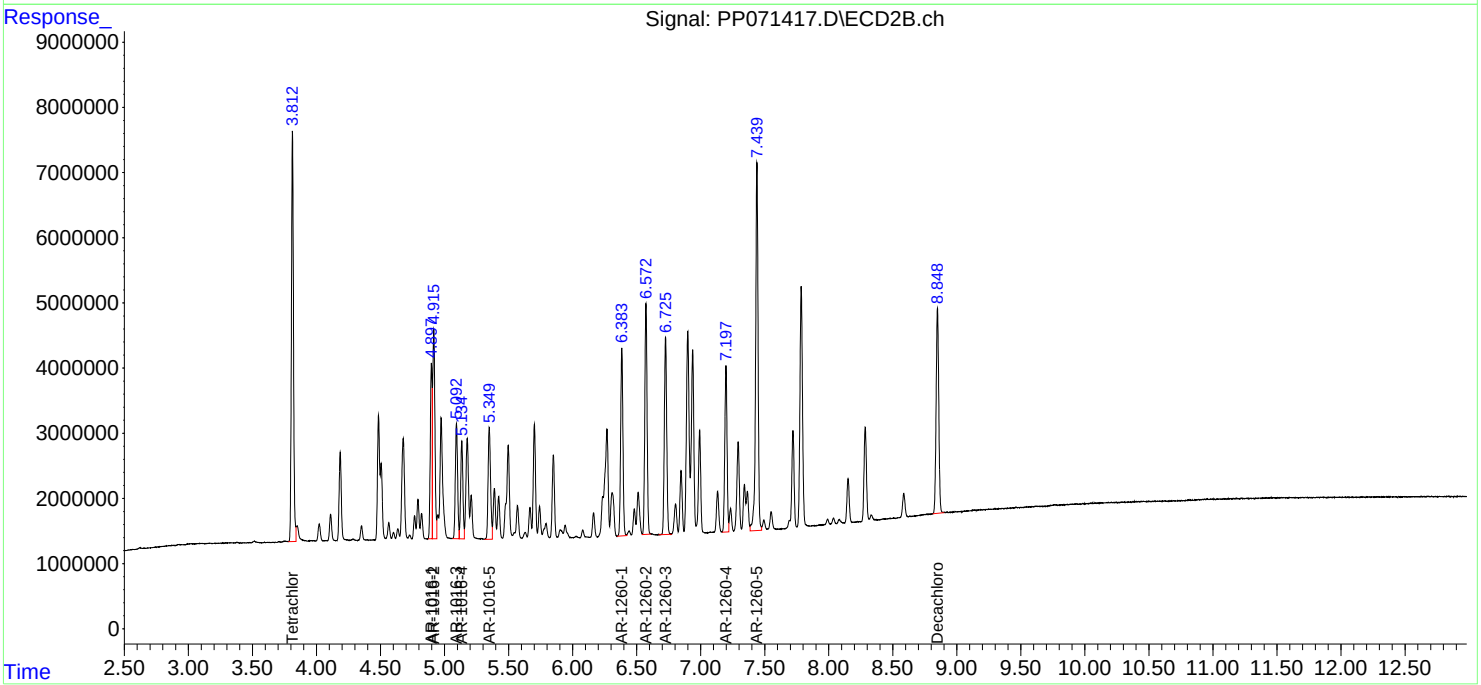
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:05
Operator : YP\AJ
Sample : PP042225ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

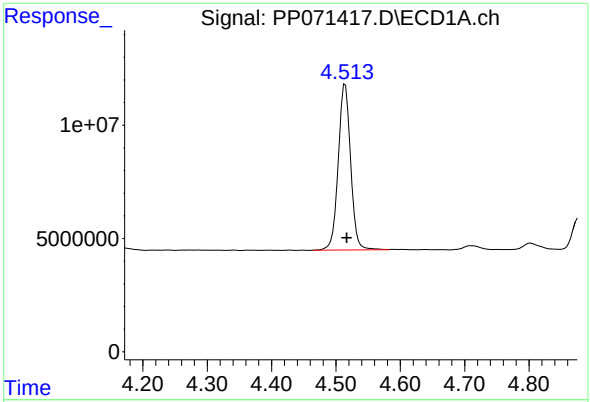
Instrument :
ECD_P
ClientSampleId :
ICVPP042225

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 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



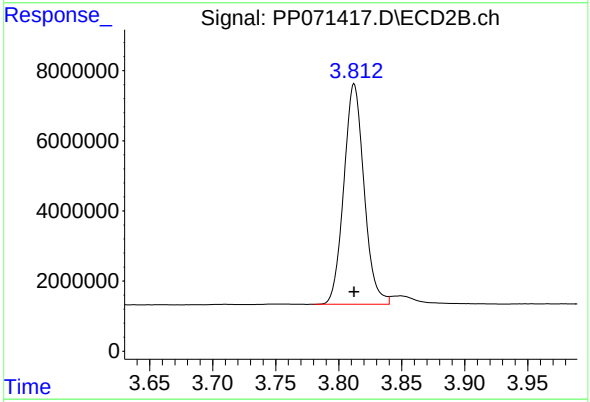




#1 Tetrachloro-m-xylene

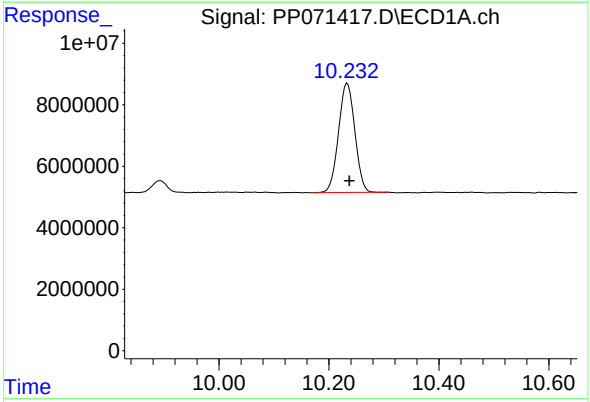
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 98003244
Conc: 49.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



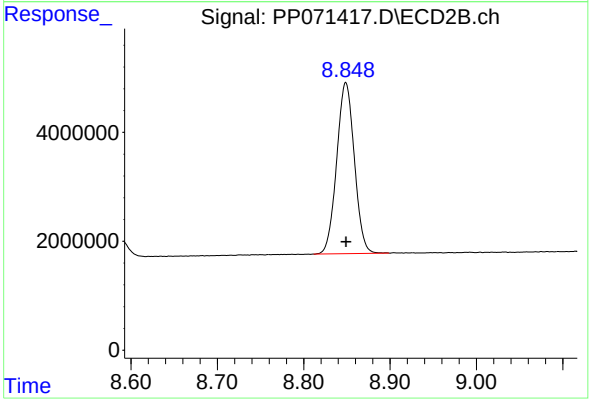
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 70310326
Conc: 49.91 ng/ml



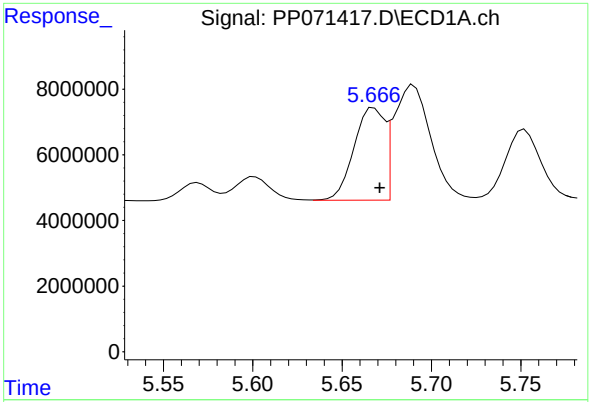
#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: -0.004 min
Response: 73424396
Conc: 50.71 ng/ml



#2 Decachlorobiphenyl

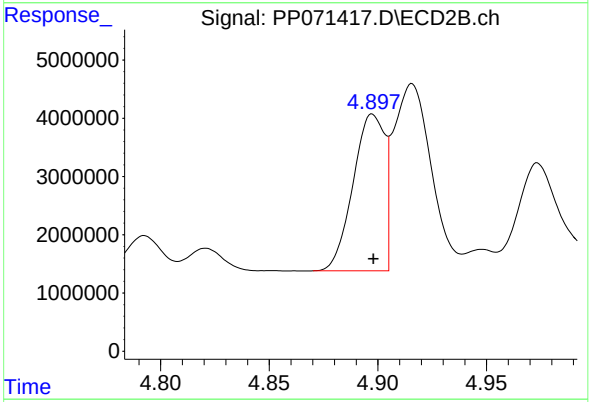
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 44681766
Conc: 50.95 ng/ml



#3 AR-1016-1

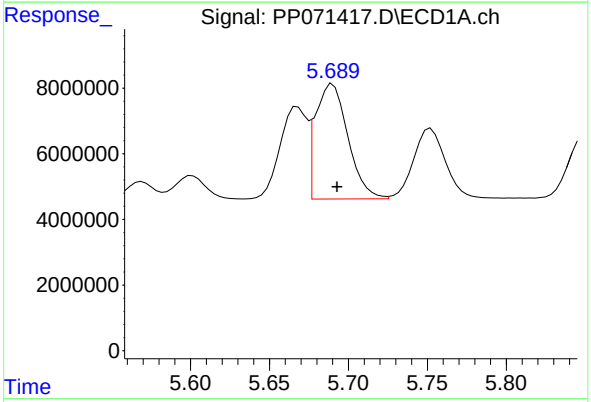
R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 33546404
Conc: 500.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



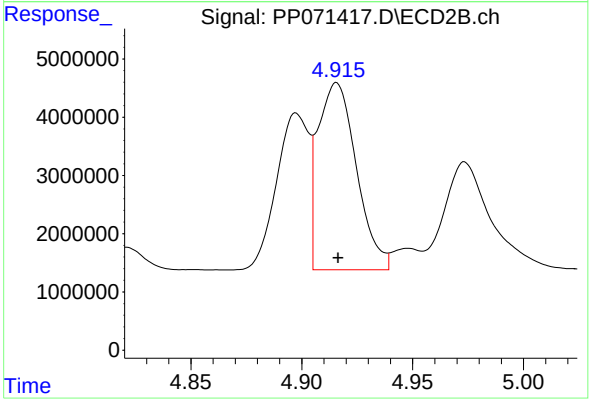
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 27255669
Conc: 509.13 ng/ml



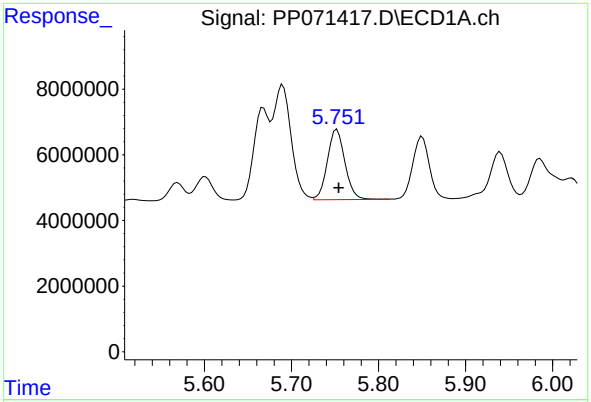
#4 AR-1016-2

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 50377176
Conc: 490.87 ng/ml



#4 AR-1016-2

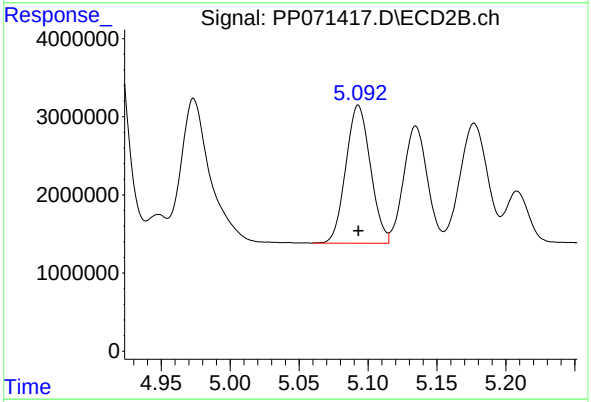
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 38783246
Conc: 507.88 ng/ml



#5 AR-1016-3

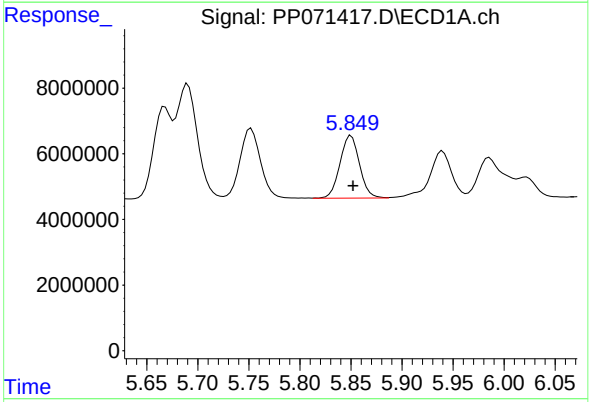
R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 30221252
Conc: 490.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



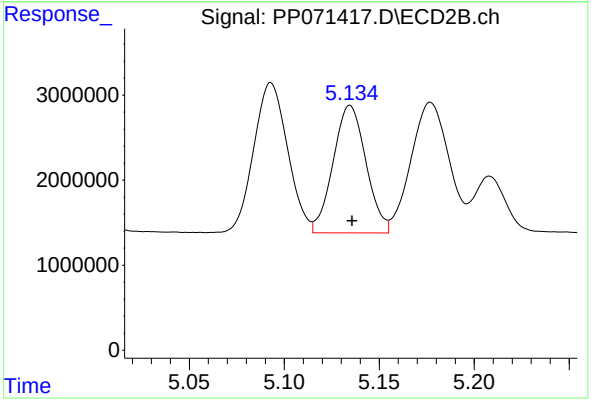
#5 AR-1016-3

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 21921068
Conc: 519.33 ng/ml



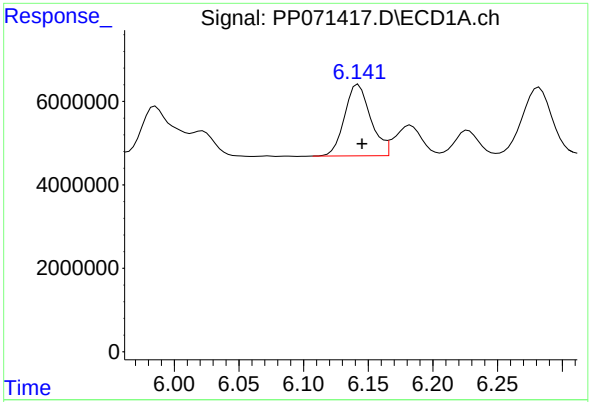
#6 AR-1016-4

R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 25444869
Conc: 496.02 ng/ml



#6 AR-1016-4

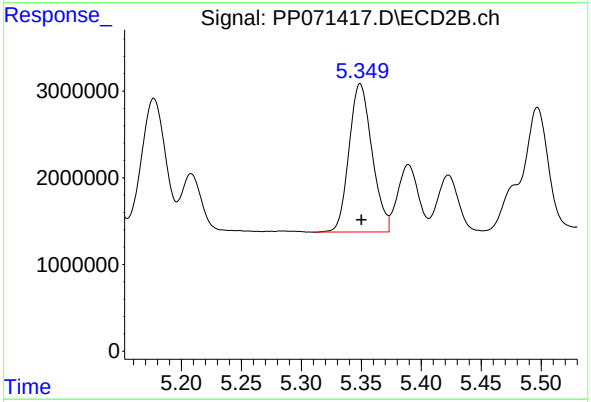
R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 18087794
Conc: 524.50 ng/ml



#7 AR-1016-5

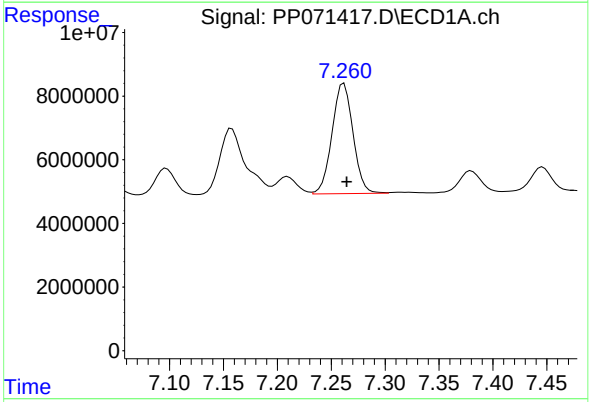
R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 24049539
Conc: 498.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



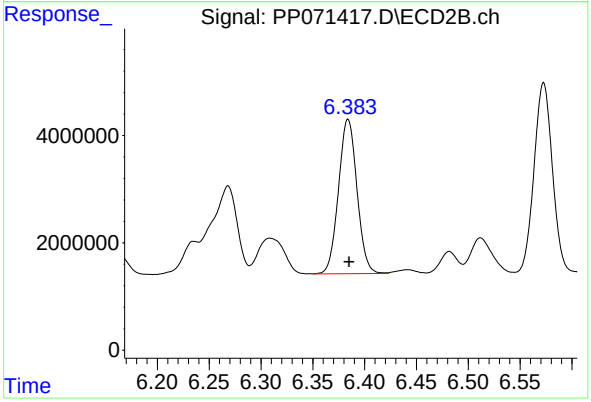
#7 AR-1016-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 22819712
Conc: 513.41 ng/ml



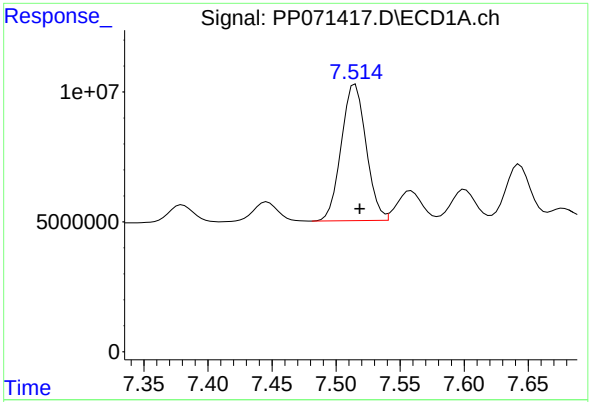
#31 AR-1260-1

R.T.: 7.262 min
Delta R.T.: -0.003 min
Response: 46974832
Conc: 489.20 ng/ml



#31 AR-1260-1

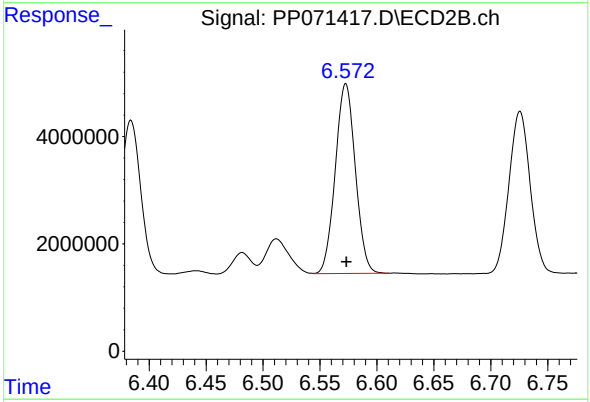
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 35744650
Conc: 494.40 ng/ml



#32 AR-1260-2

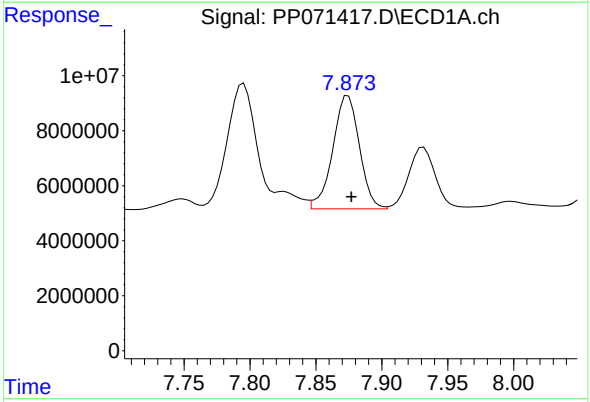
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 70731391
Conc: 494.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



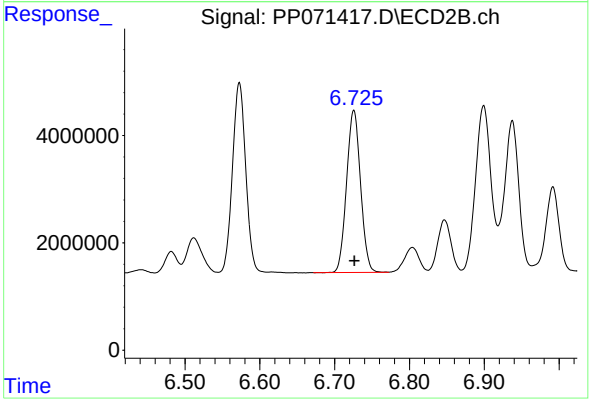
#32 AR-1260-2

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 43416292
Conc: 496.41 ng/ml



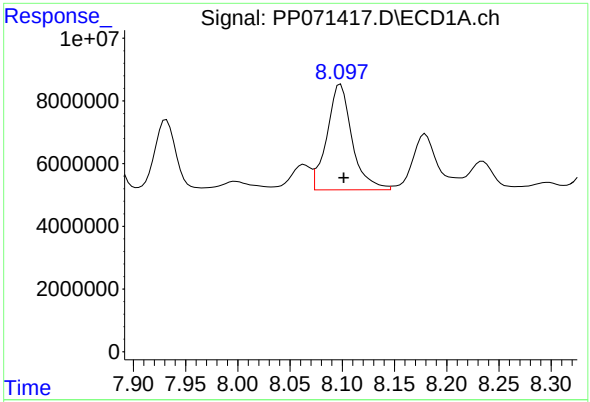
#33 AR-1260-3

R.T.: 7.875 min
Delta R.T.: -0.003 min
Response: 58007061
Conc: 517.44 ng/ml



#33 AR-1260-3

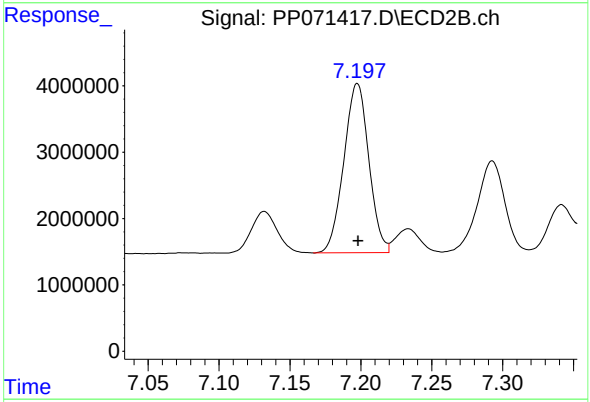
R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 39241127
Conc: 500.60 ng/ml



#34 AR-1260-4

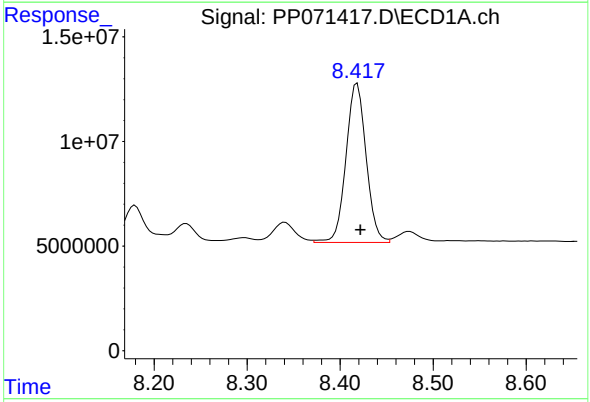
R.T.: 8.098 min
Delta R.T.: -0.003 min
Response: 56235072
Conc: 498.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225



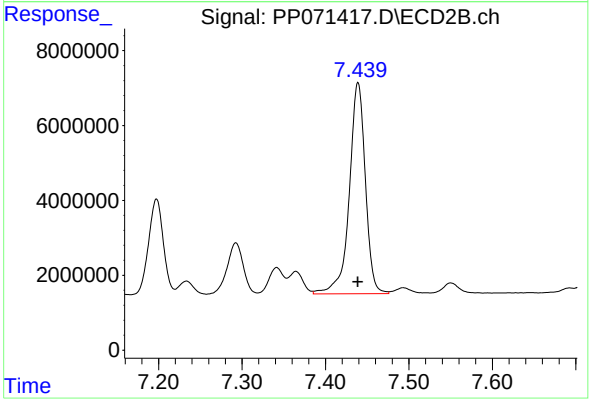
#34 AR-1260-4

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 31343464
Conc: 496.64 ng/ml



#35 AR-1260-5

R.T.: 8.418 min
Delta R.T.: -0.003 min
Response: 114665502
Conc: 506.09 ng/ml



#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 75416996
Conc: 500.19 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:38
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:23:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 02:23:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.515	3.813	98322267	73653264	48.740	48.976
2)	SA Decachlor...	10.234	8.849	73973652	44775920	49.685	49.917
	Target Compounds						
16)	L4 AR-1242-1	5.669	4.898	28608484	23663233	489.076	493.809
17)	L4 AR-1242-2	5.690	4.917	43367430	33449196	480.598	489.769
18)	L4 AR-1242-3	5.753	5.094	25764272	18726327	483.300	486.783
19)	L4 AR-1242-4	5.850	5.178	21798483	18331184	484.040	488.202
20)	L4 AR-1242-5	6.581	5.702	23472650	21942094	485.668	487.912

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

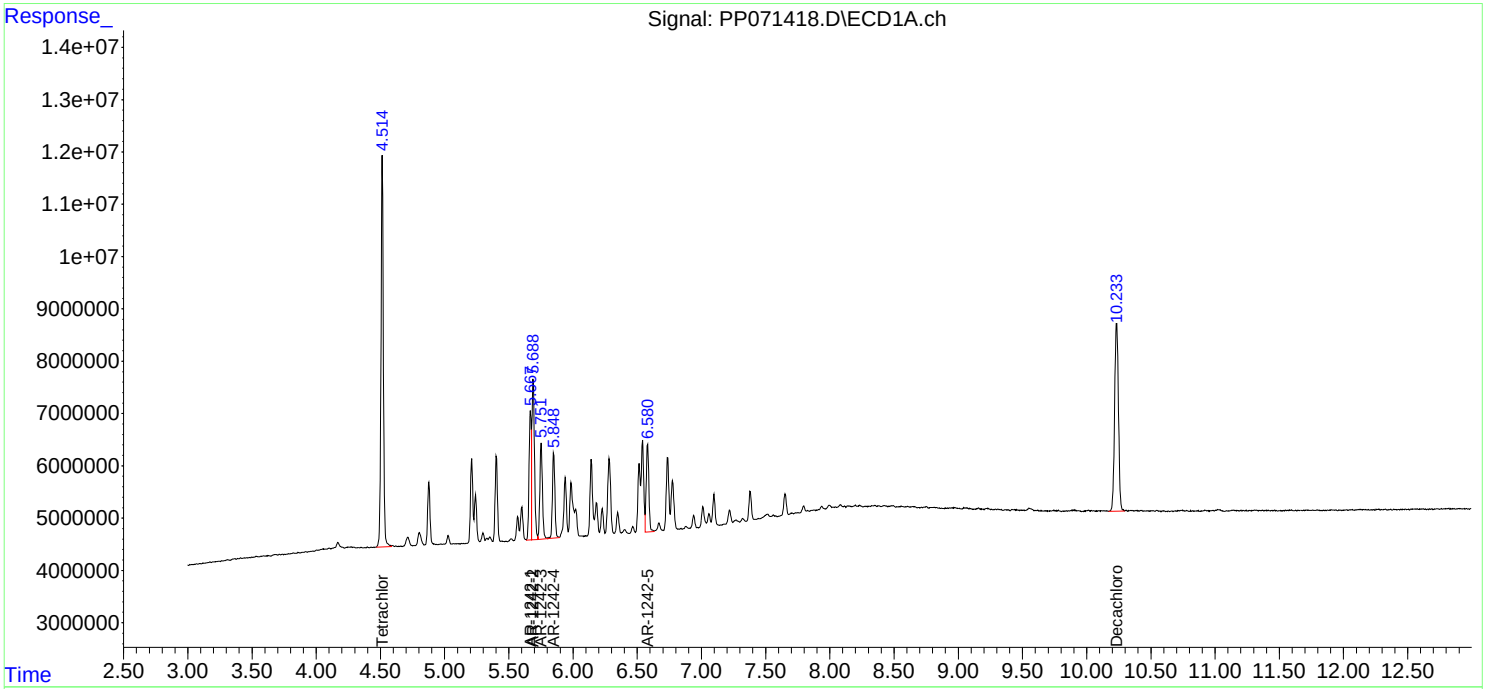
ICAL Form

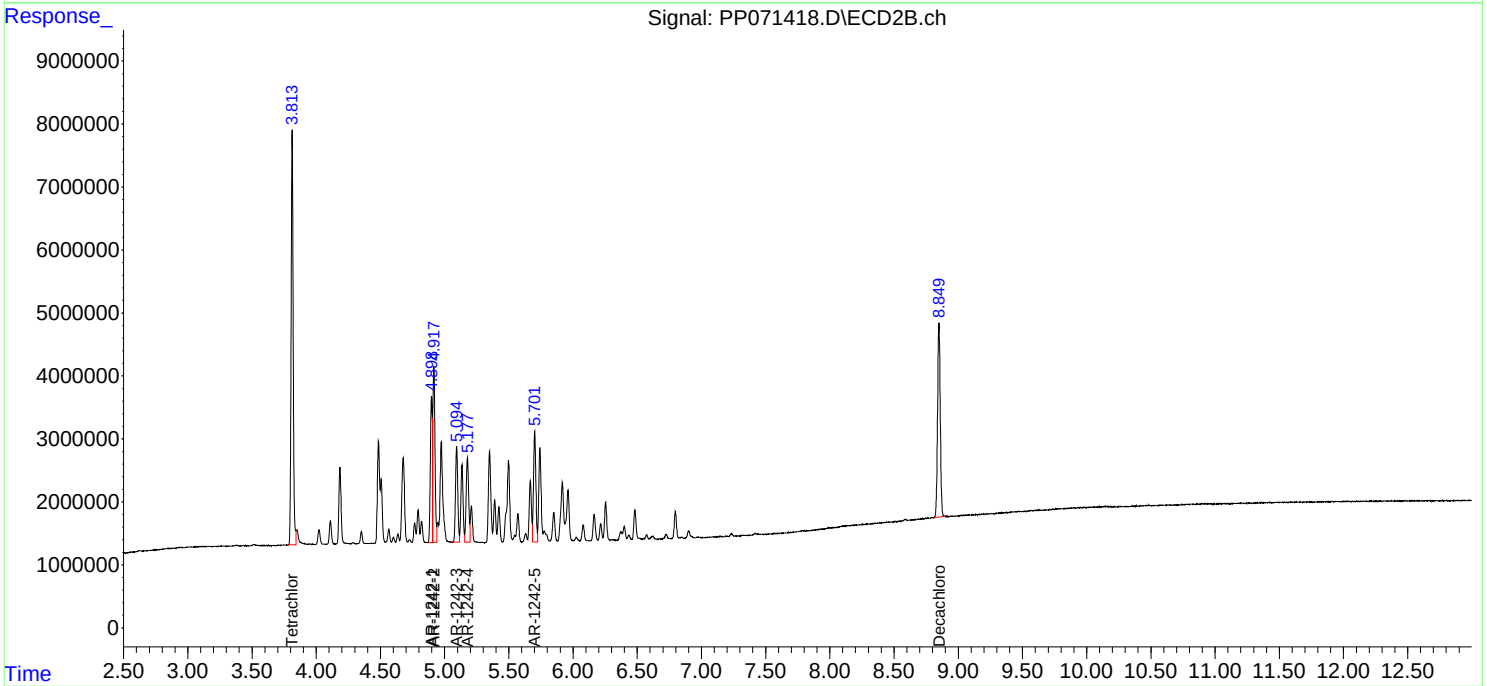
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 18:38
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

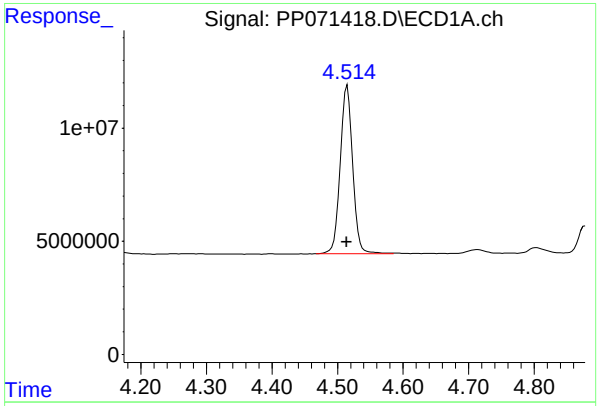
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 02:23:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 02:23:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



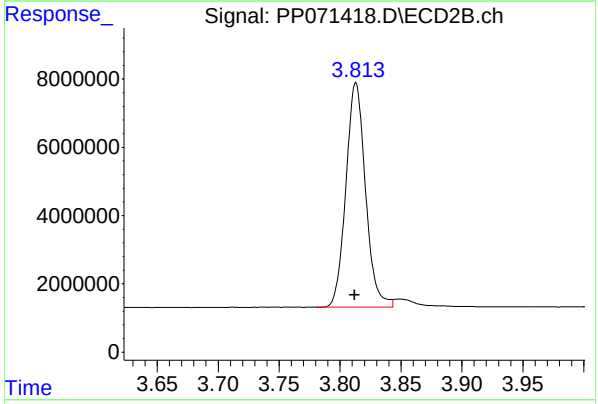




#1 Tetrachloro-m-xylene

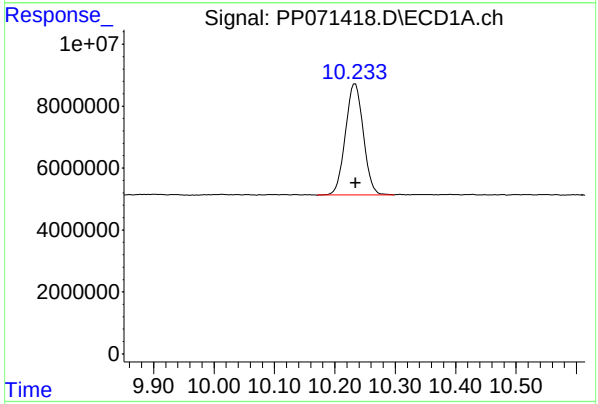
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 98322267
Conc: 48.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



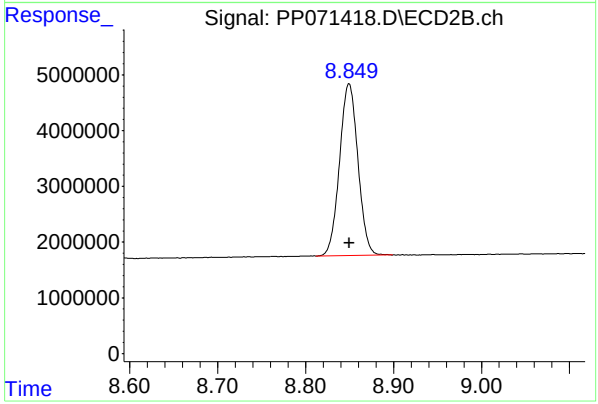
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 73653264
Conc: 48.98 ng/ml



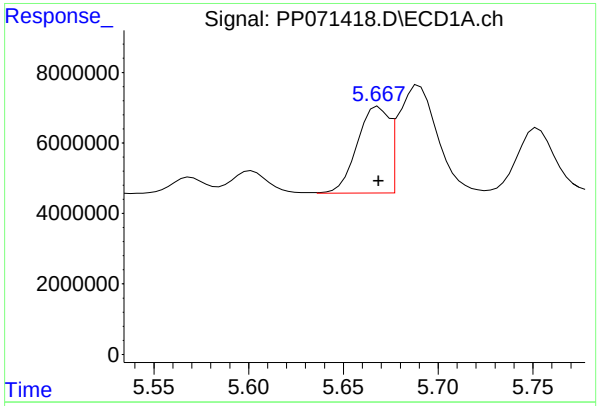
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.001 min
Response: 73973652
Conc: 49.69 ng/ml



#2 Decachlorobiphenyl

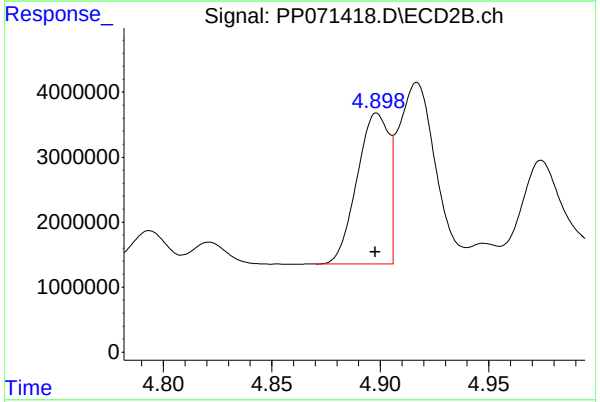
R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 44775920
Conc: 49.92 ng/ml



#16 AR-1242-1

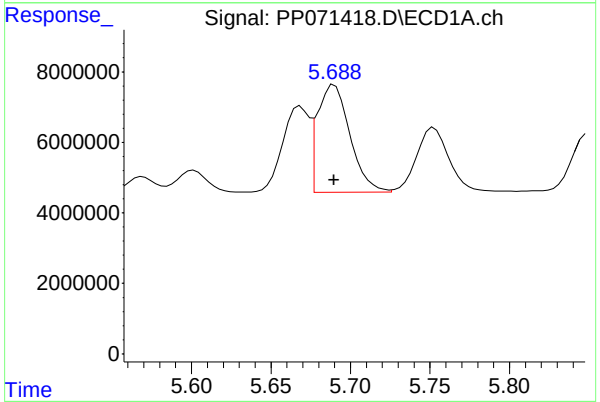
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 28608484
Conc: 489.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



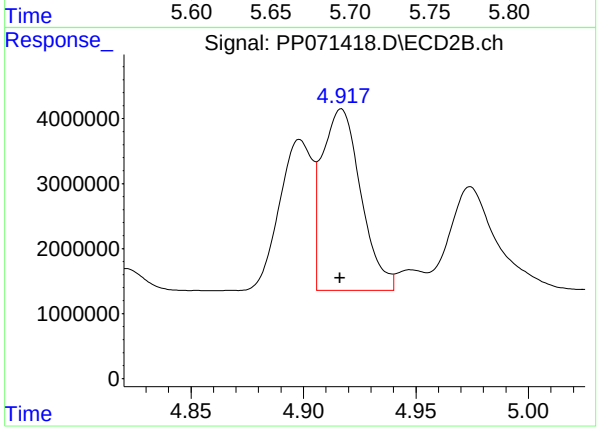
#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 23663233
Conc: 493.81 ng/ml



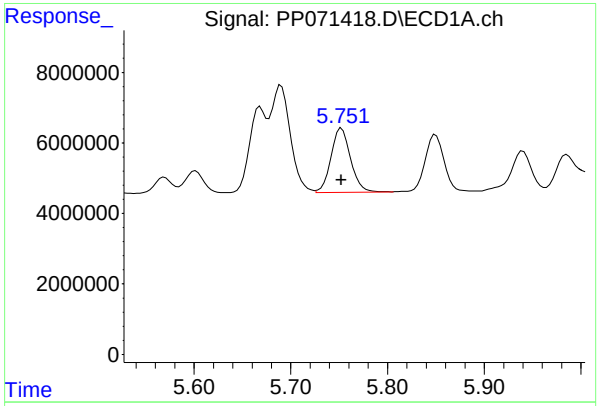
#17 AR-1242-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 43367430
Conc: 480.60 ng/ml



#17 AR-1242-2

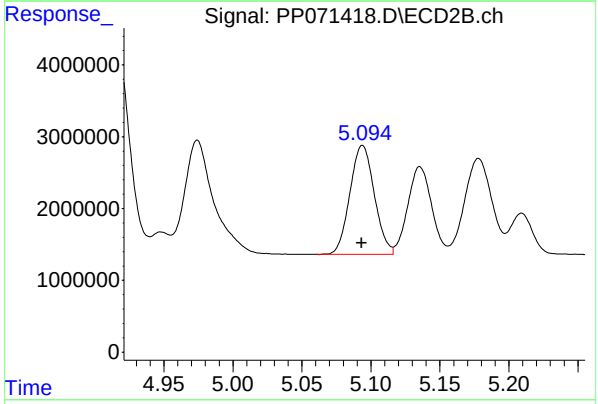
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 33449196
Conc: 489.77 ng/ml



#18 AR-1242-3

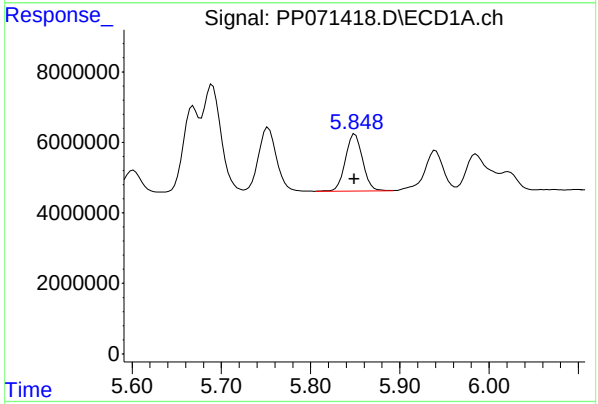
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 25764272
Conc: 483.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



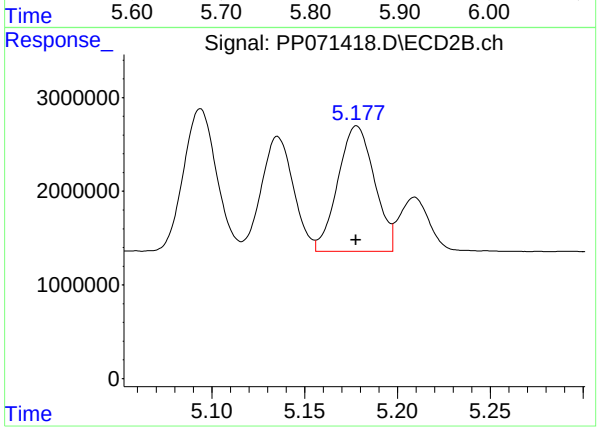
#18 AR-1242-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 18726327
Conc: 486.78 ng/ml



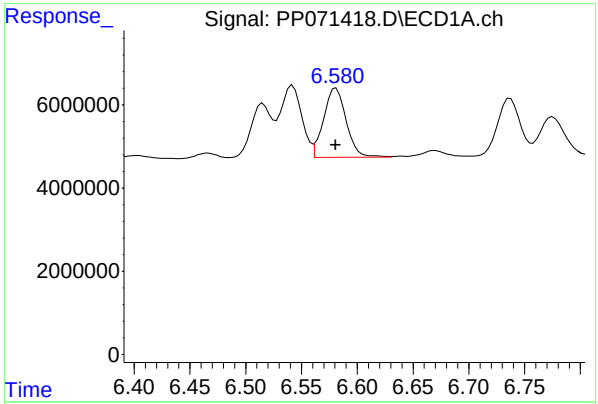
#19 AR-1242-4

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 21798483
Conc: 484.04 ng/ml



#19 AR-1242-4

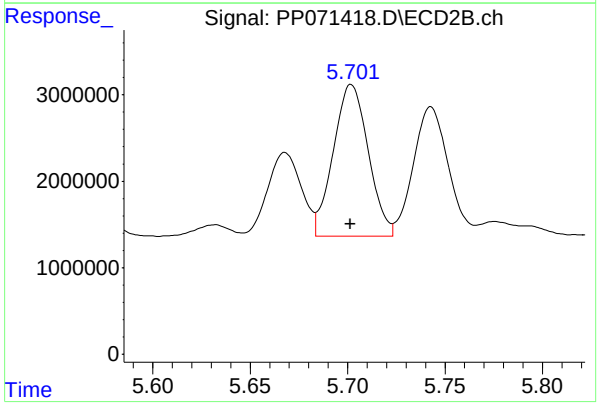
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 18331184
Conc: 488.20 ng/ml



#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 23472650
Conc: 485.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1242



#20 AR-1242-5

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 21942094
Conc: 487.91 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:27
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 07:42:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.514	3.812	98804591	74071948	49.835	52.584
2)	SA Decachlor...	10.234	8.848	74699675	45534064	51.588	51.917
	Target Compounds						
21)	L5 AR-1248-1	5.667	4.897	22002964	19168563	512.425	530.888
22)	L5 AR-1248-2	5.938	5.135	30310191	26184570	501.555	534.789
23)	L5 AR-1248-3	6.141	5.177	34304891	27346403	513.666	535.307
24)	L5 AR-1248-4	6.541	5.349	43159659	31642146	510.096	521.654
25)	L5 AR-1248-5	6.580	5.742	40310718	30029077	507.383	515.159

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

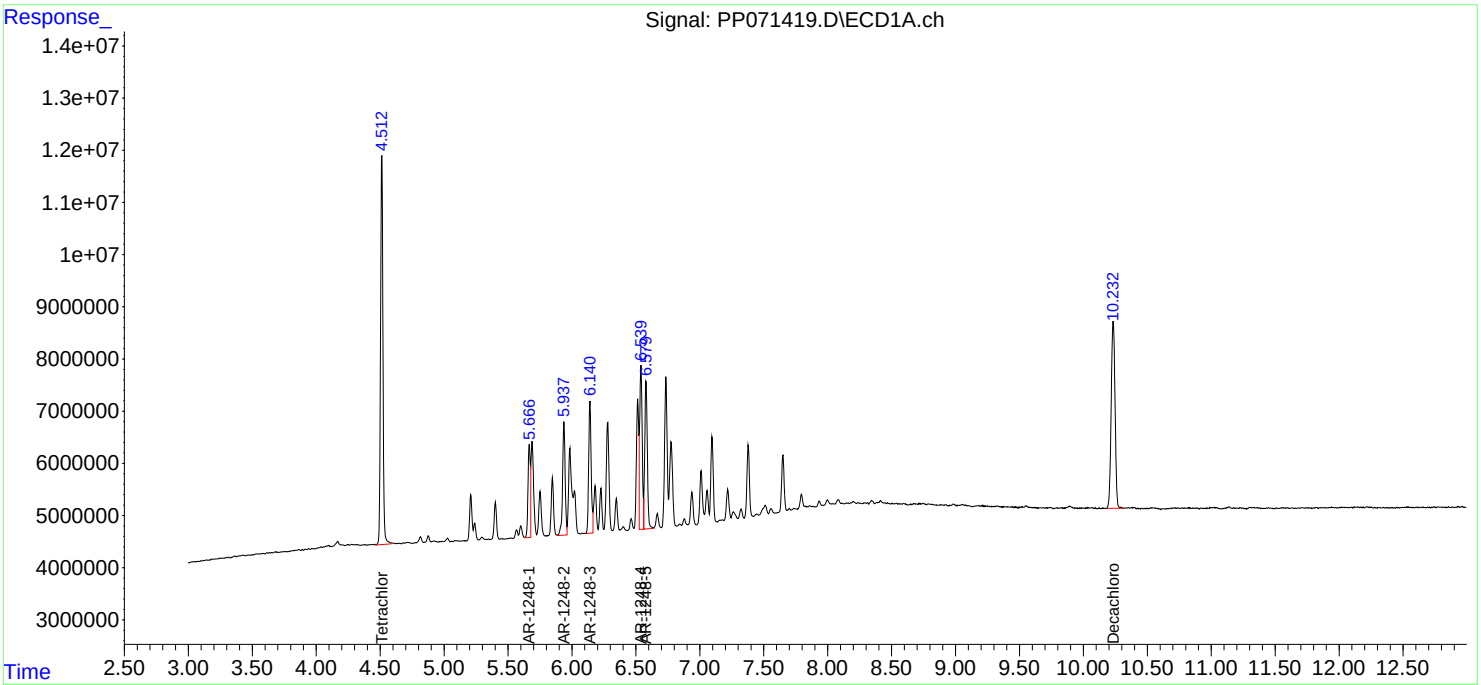
ICAL Form

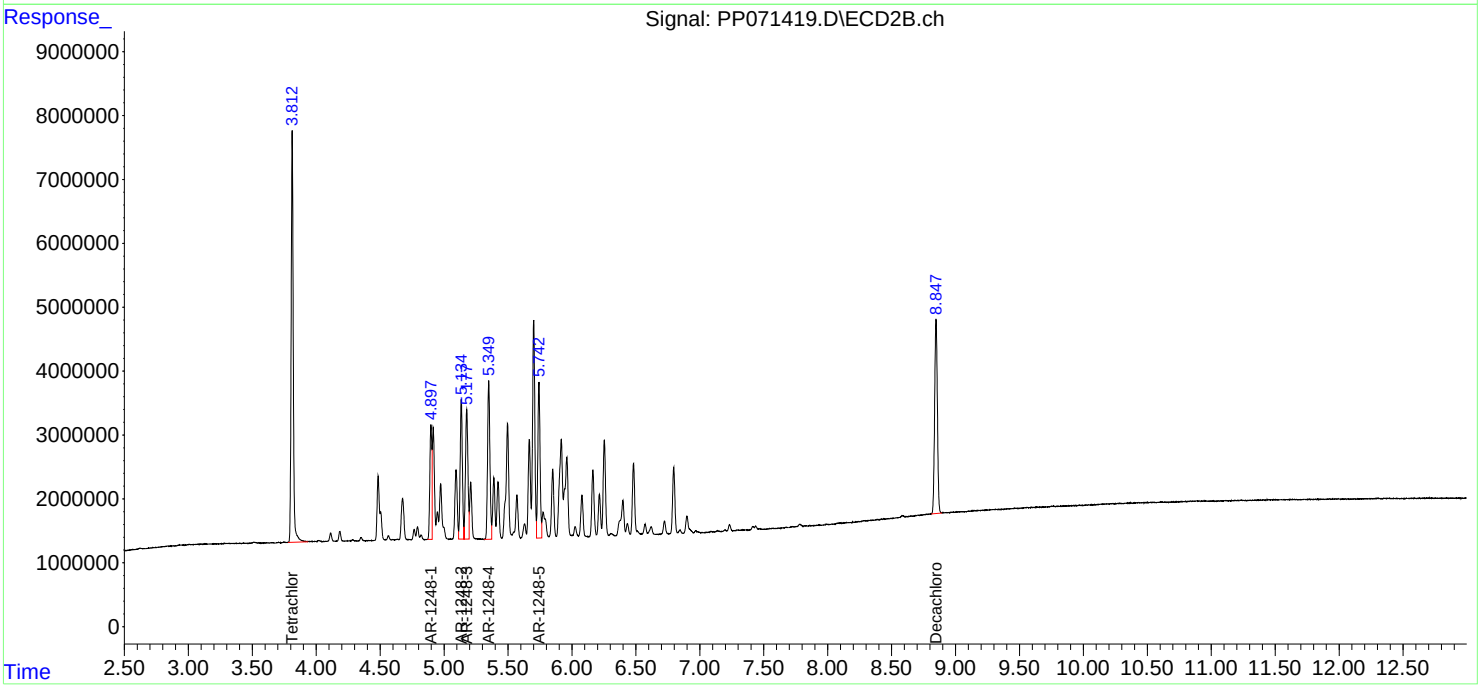
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:27
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 5 Sample Multiplier: 1

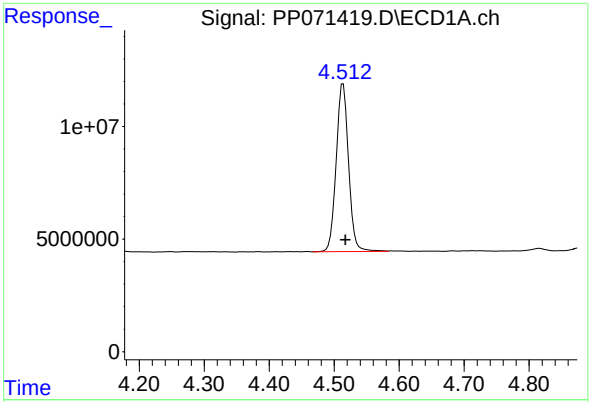
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 07:42:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



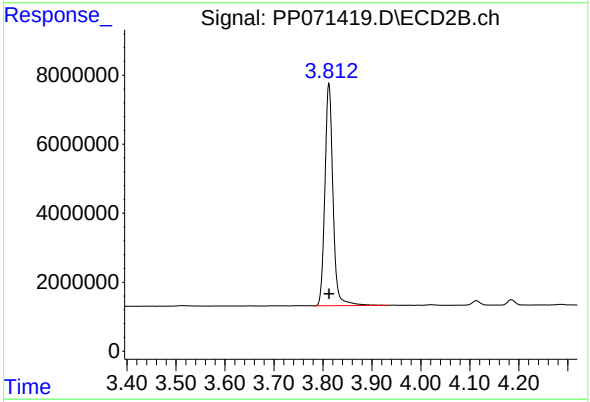




#1 Tetrachloro-m-xylene

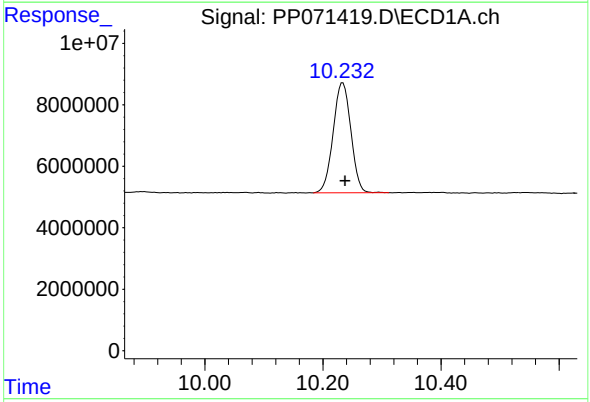
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 98804591
Conc: 49.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



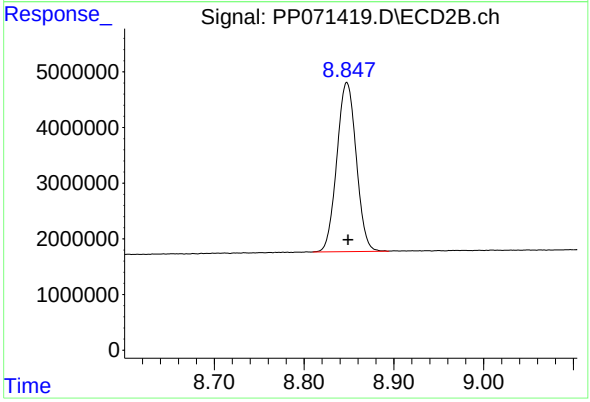
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 74071948
Conc: 52.58 ng/ml



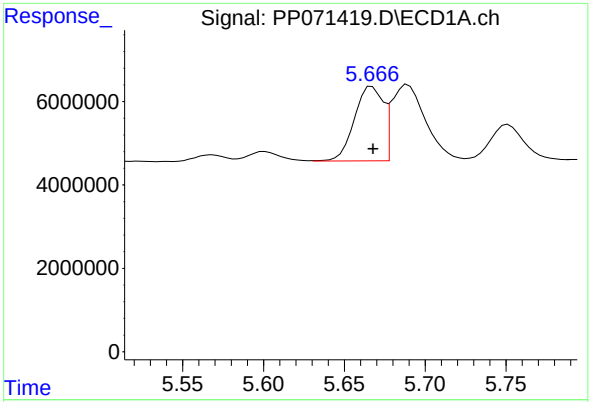
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.004 min
Response: 74699675
Conc: 51.59 ng/ml



#2 Decachlorobiphenyl

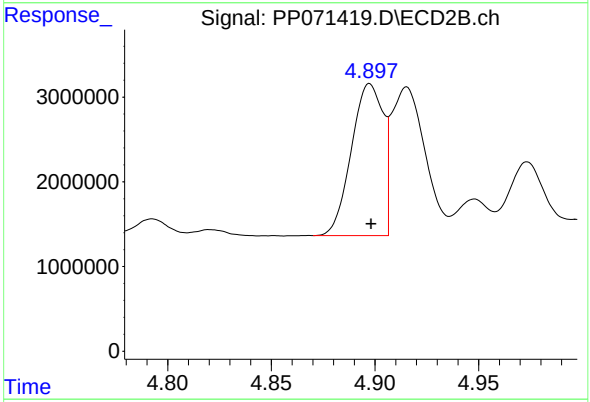
R.T.: 8.848 min
Delta R.T.: -0.001 min
Response: 45534064
Conc: 51.92 ng/ml



#21 AR-1248-1

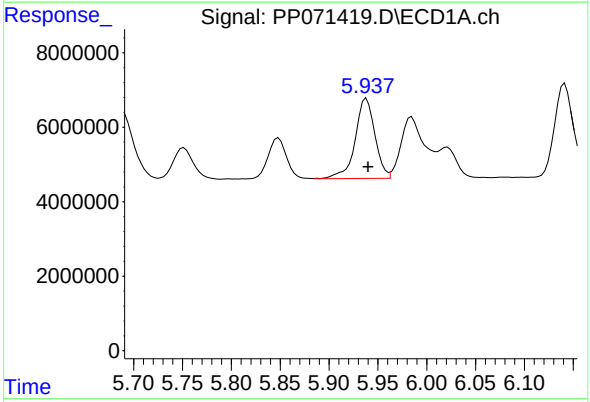
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 22002964
Conc: 512.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



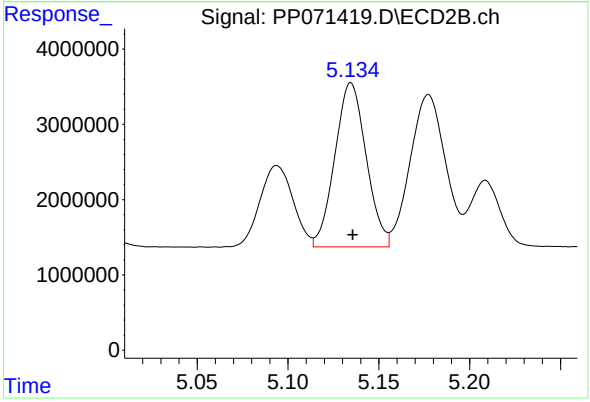
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 19168563
Conc: 530.89 ng/ml



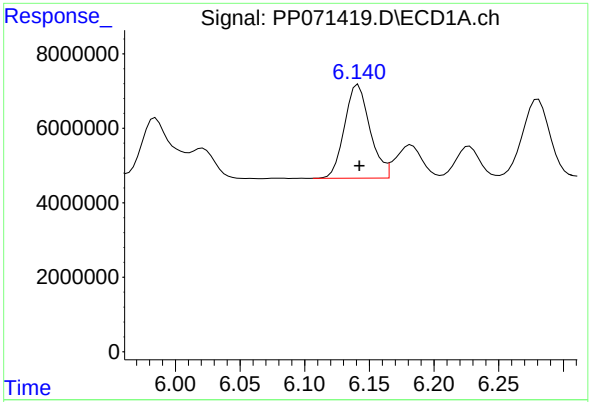
#22 AR-1248-2

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 30310191
Conc: 501.55 ng/ml



#22 AR-1248-2

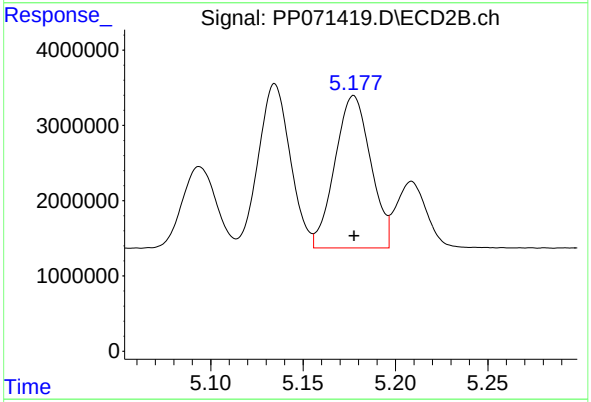
R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 26184570
Conc: 534.79 ng/ml



#23 AR-1248-3

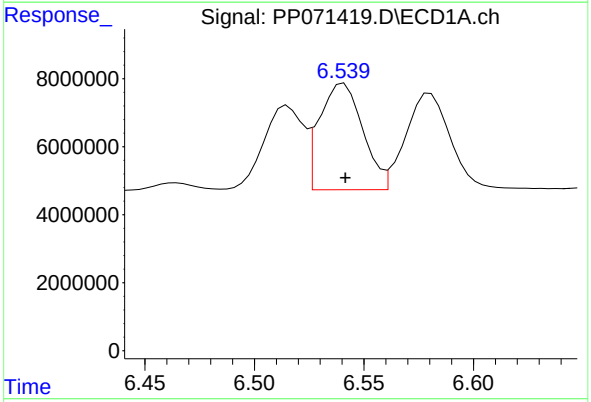
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 34304891
Conc: 513.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



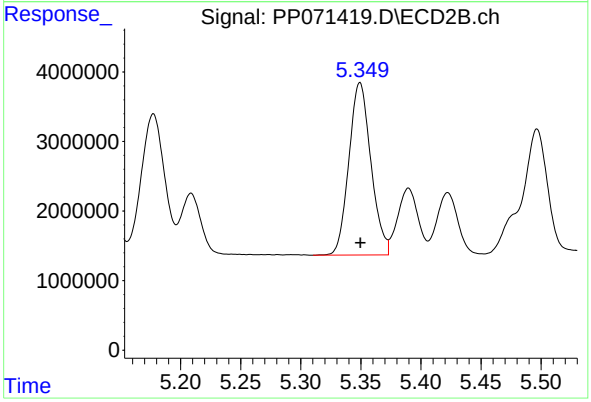
#23 AR-1248-3

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 27346403
Conc: 535.31 ng/ml



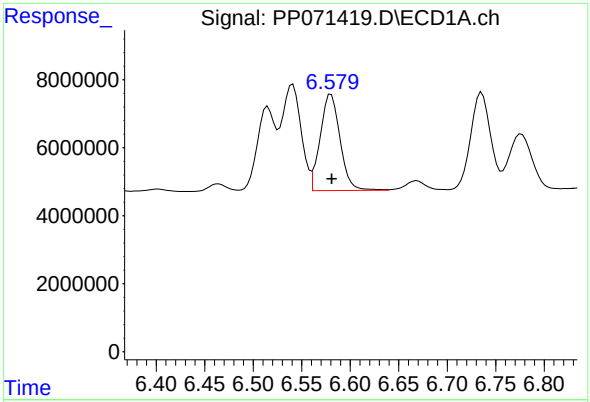
#24 AR-1248-4

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 43159659
Conc: 510.10 ng/ml



#24 AR-1248-4

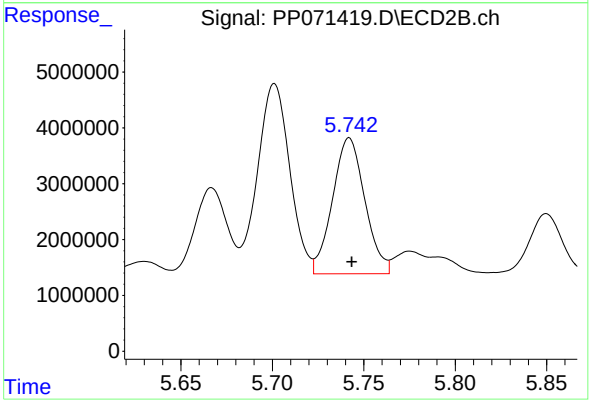
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 31642146
Conc: 521.65 ng/ml



#25 AR-1248-5

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 40310718
Conc: 507.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1248



#25 AR-1248-5

R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 30029077
Conc: 515.16 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:43
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:28:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 19:27:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.513	3.813	98111190	74345146	50.931	50.716
2)	SA Decachlor...	10.232	8.849	73988546	45066273	50.788	50.509
	Target Compounds						
26)	L6 AR-1254-1	6.517	5.702	41728109	42206013	509.183	461.771
27)	L6 AR-1254-2	6.733	5.850	64122746	35938664	504.601	456.583
28)	L6 AR-1254-3	7.097	6.254	64574948	56055056	505.381	473.005
29)	L6 AR-1254-4	7.379	6.482	58986526	36616929	501.956	474.524
30)	L6 AR-1254-5	7.796	6.900	55244441	47442452	512.803	467.562

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

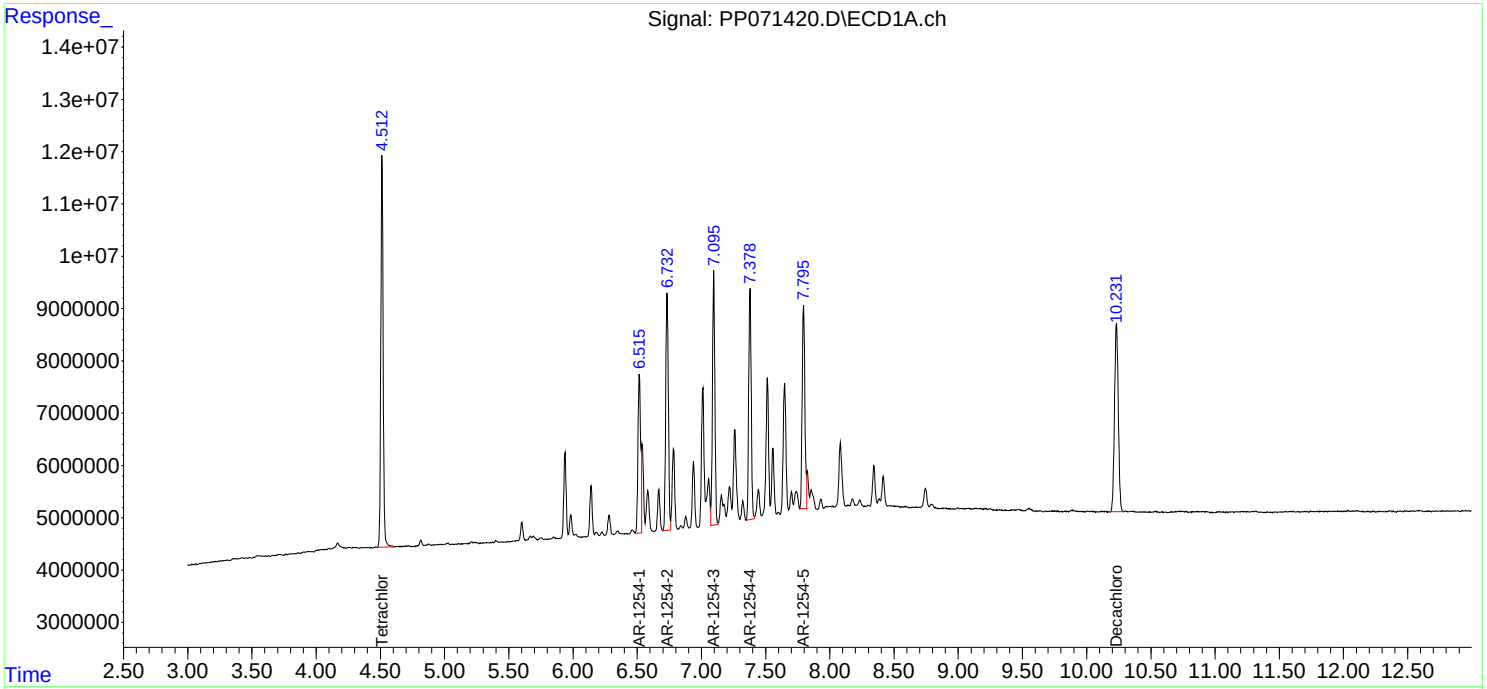
ICAL Form

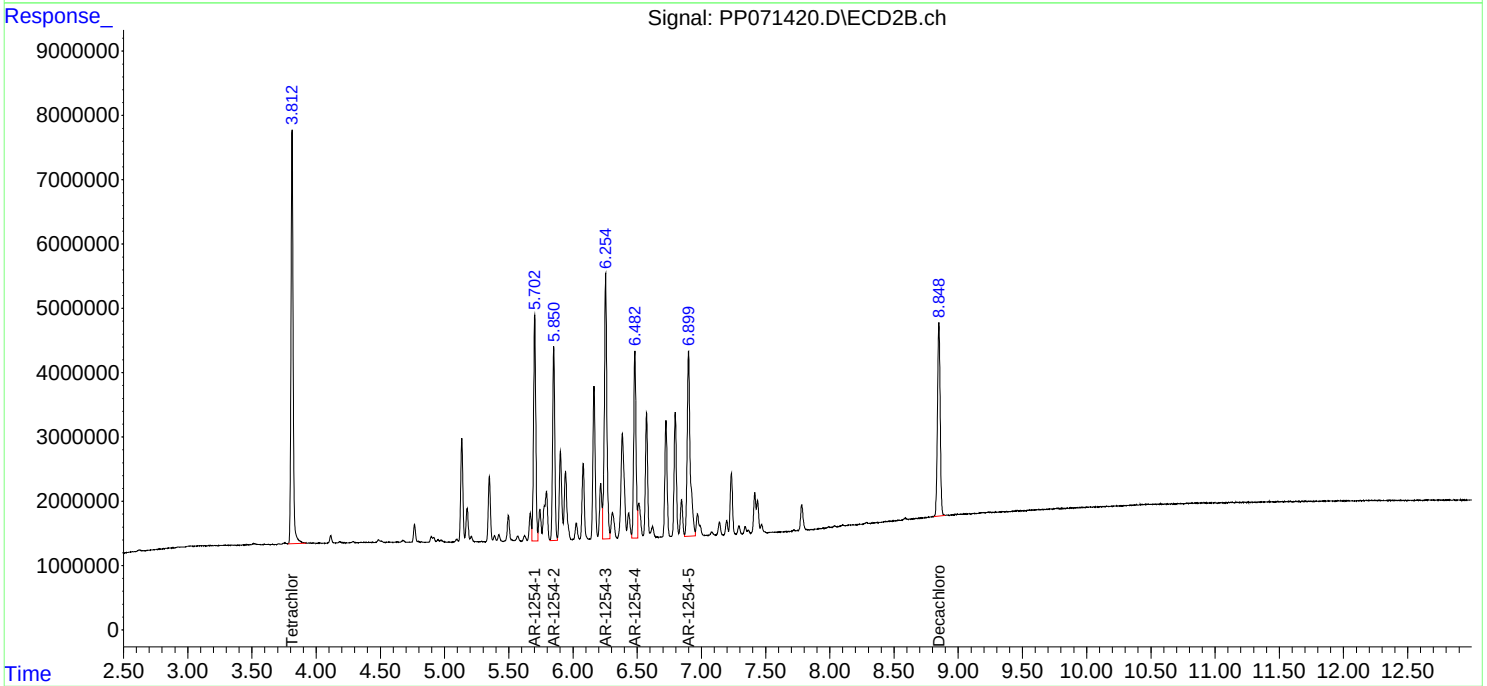
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 19:43
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

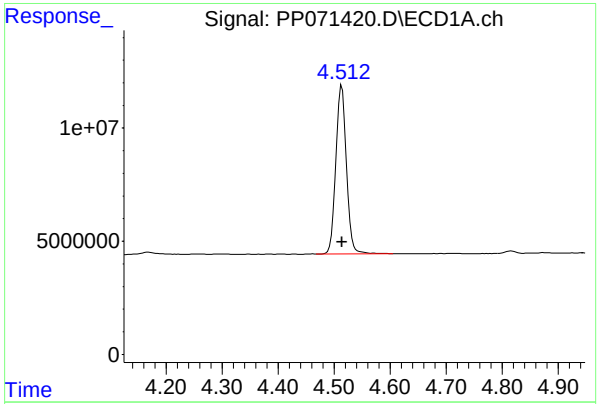
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:28:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 19:27:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



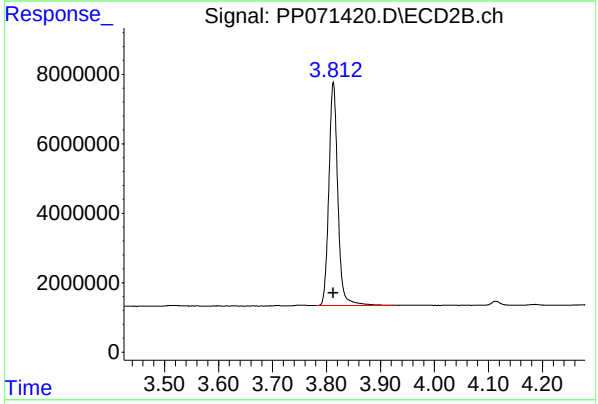




#1 Tetrachloro-m-xylene

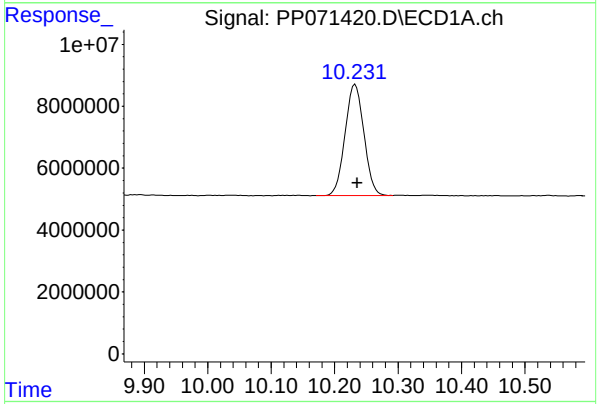
R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 98111190
Conc: 50.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



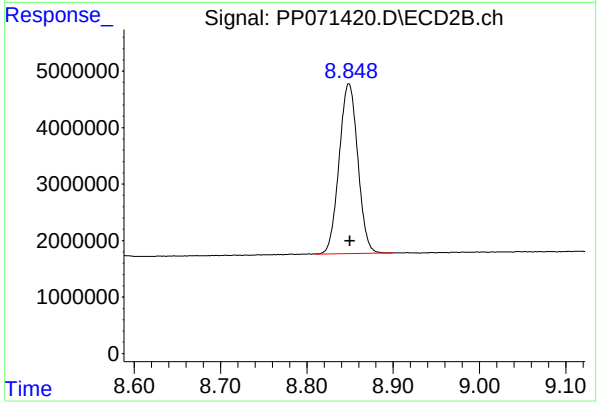
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 74345146
Conc: 50.72 ng/ml



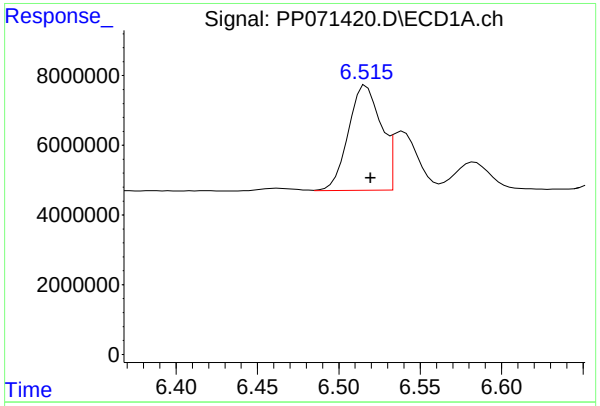
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: -0.004 min
Response: 73988546
Conc: 50.79 ng/ml



#2 Decachlorobiphenyl

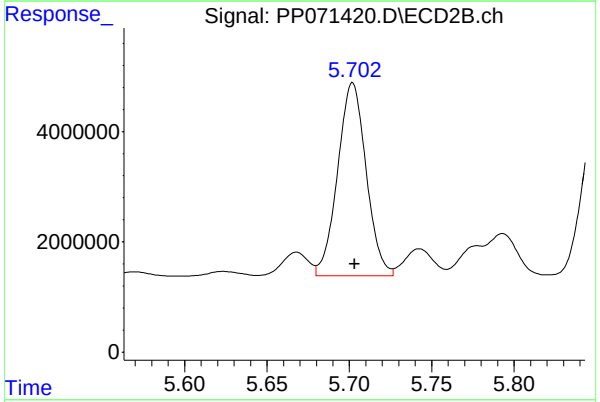
R.T.: 8.849 min
Delta R.T.: -0.001 min
Response: 45066273
Conc: 50.51 ng/ml



#26 AR-1254-1

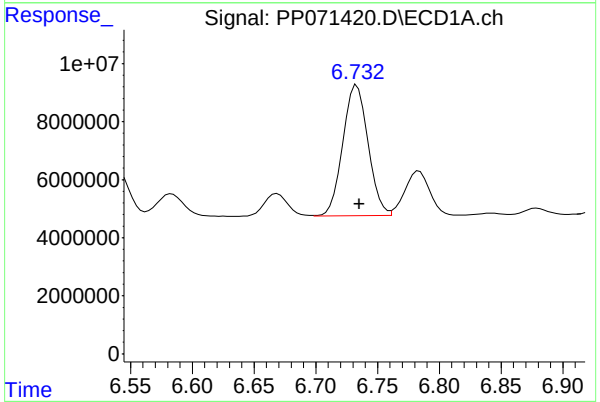
R.T.: 6.517 min
Delta R.T.: -0.003 min
Response: 41728109
Conc: 509.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



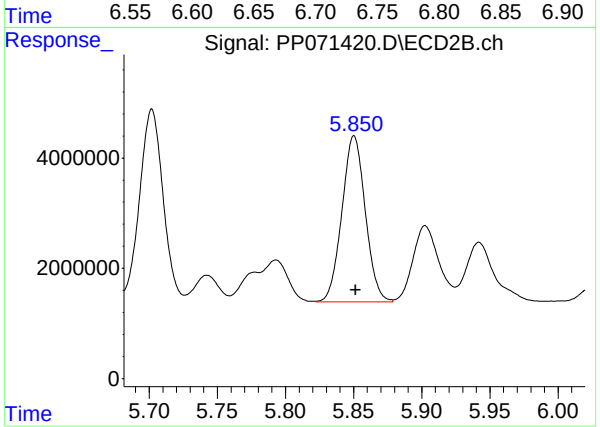
#26 AR-1254-1

R.T.: 5.702 min
Delta R.T.: -0.001 min
Response: 42206013
Conc: 461.77 ng/ml



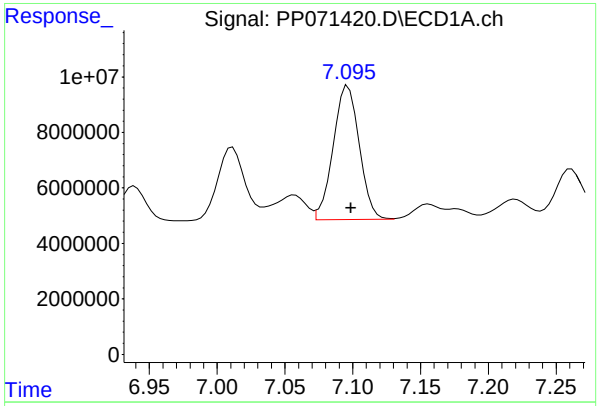
#27 AR-1254-2

R.T.: 6.733 min
Delta R.T.: -0.002 min
Response: 64122746
Conc: 504.60 ng/ml



#27 AR-1254-2

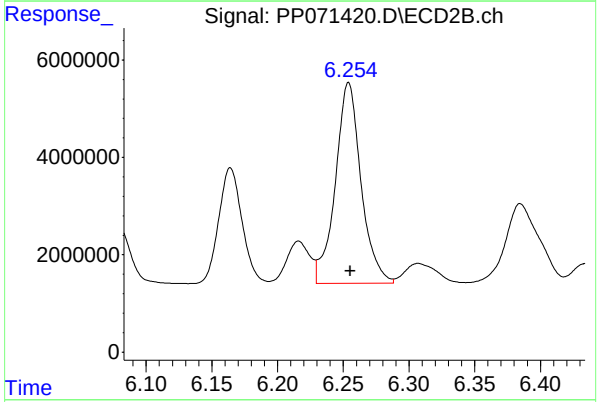
R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 35938664
Conc: 456.58 ng/ml



#28 AR-1254-3

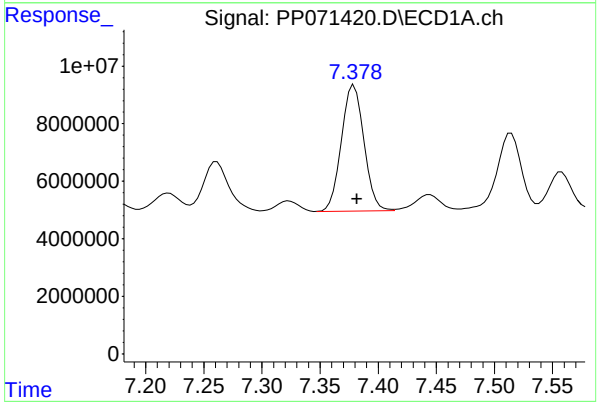
R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 64574948
Conc: 505.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



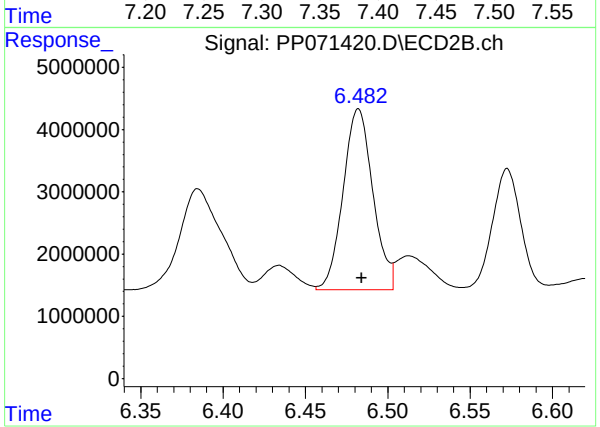
#28 AR-1254-3

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 56055056
Conc: 473.01 ng/ml



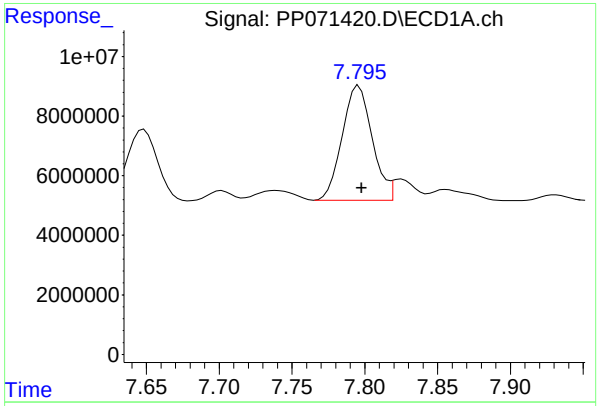
#29 AR-1254-4

R.T.: 7.379 min
Delta R.T.: -0.003 min
Response: 58986526
Conc: 501.96 ng/ml



#29 AR-1254-4

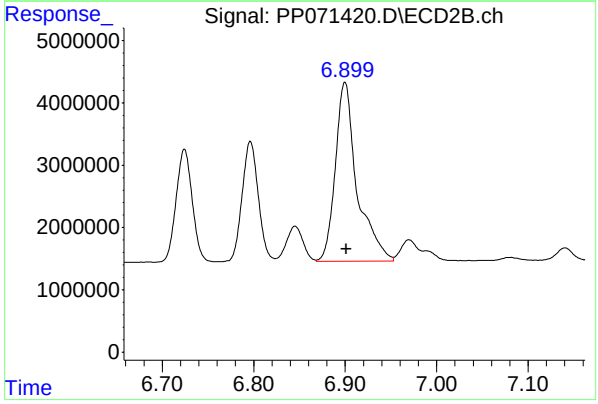
R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 36616929
Conc: 474.52 ng/ml



#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: -0.002 mi
Response: 55244441
Conc: 512.80 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1254



#30 AR-1254-5

R.T.: 6.900 min
Delta R.T.: -0.002 min
Response: 47442452
Conc: 467.56 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 20:16
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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...	4.516	3.814	98428428	75098106	49.661	51.289
2)	SA Decachlor...	10.234	8.850	131.8E6	79464849	49.365	49.579
	Target Compounds						
41)	L9 AR-1268-1	8.733	7.722	157.9E6	98709054	493.783	486.283m
42)	L9 AR-1268-2	8.827	7.788	132.3E6	84218105	493.704	487.500
43)	L9 AR-1268-3	9.058	7.992	112.3E6	69254815	498.379	484.016
44)	L9 AR-1268-4	9.477	8.286	48904008	30724632	493.945	483.689
45)	L9 AR-1268-5	9.894	8.588	309.0E6	189.8E6	497.455	492.818

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 20:16
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

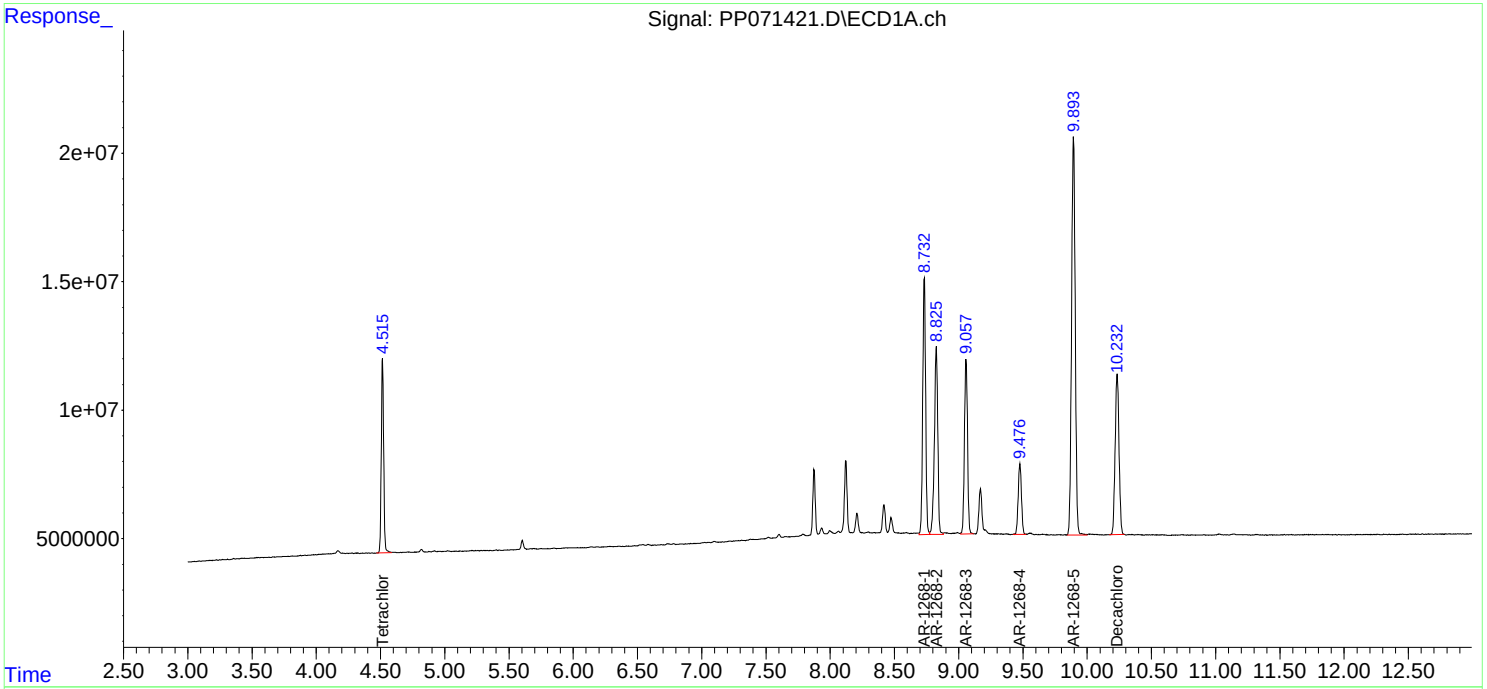
Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

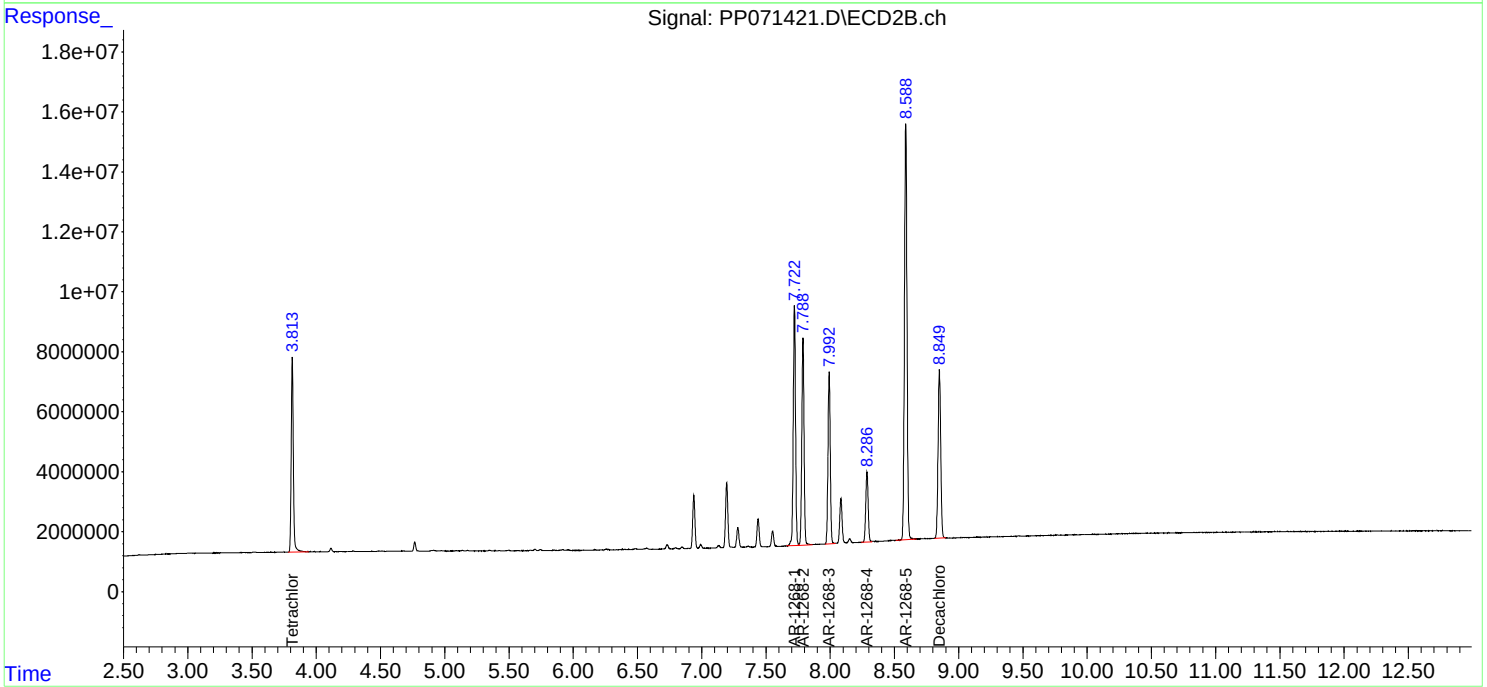
Manual Integrations APPROVED

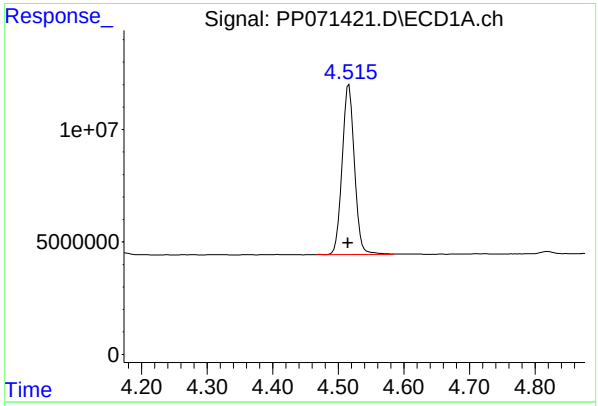
Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:47:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 04:41:50 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







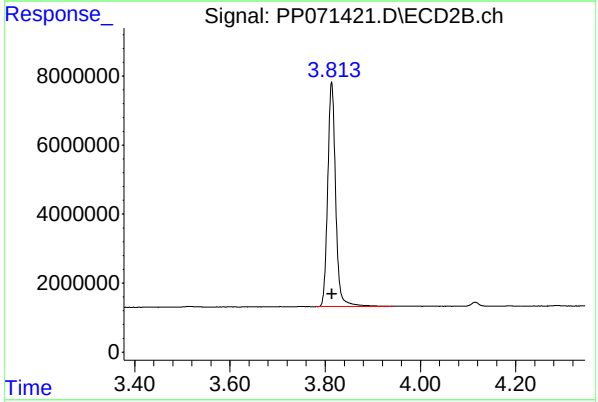
#1 Tetrachloro-m-xylene

R.T.: 4.516 min
Delta R.T.: 0.001 min
Response: 98428428
Conc: 49.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

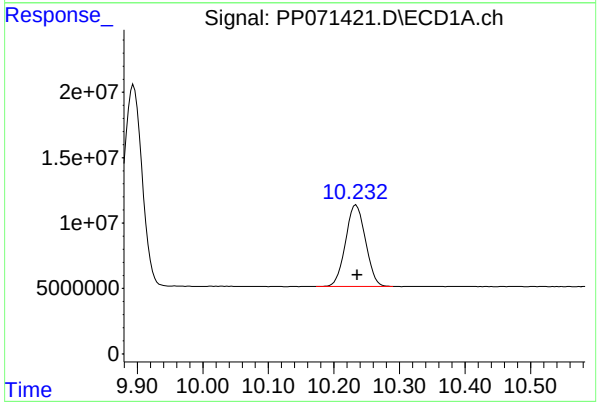
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



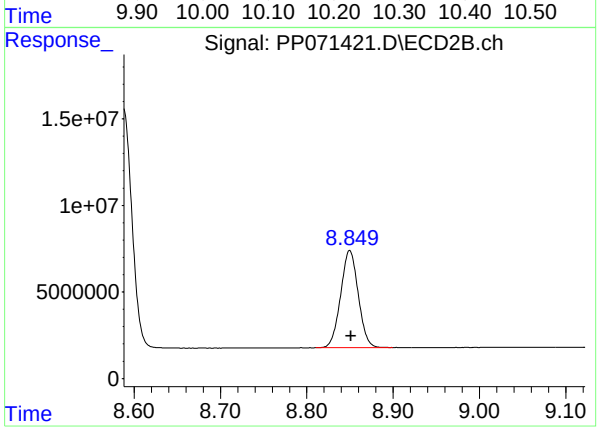
#1 Tetrachloro-m-xylene

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 75098106
Conc: 51.29 ng/ml



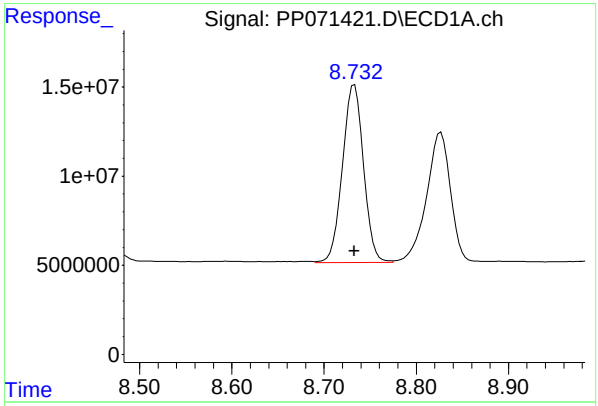
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.002 min
Response: 131775212
Conc: 49.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.001 min
Response: 79464849
Conc: 49.58 ng/ml



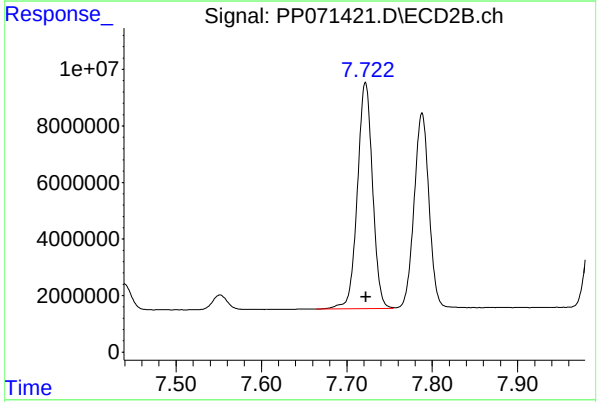
#41 AR-1268-1

R.T.: 8.733 min
Delta R.T.: 0.000 mi
Response: 157884565
Conc: 493.78 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

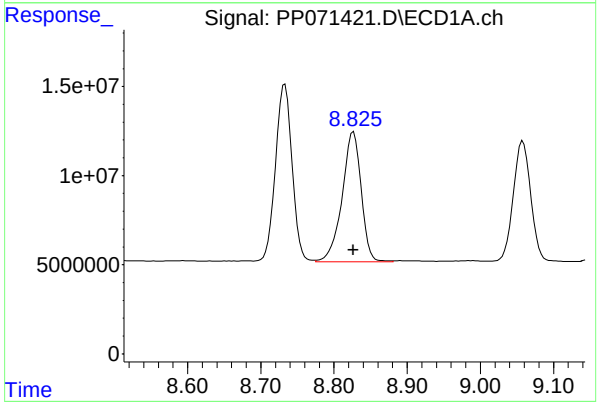
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



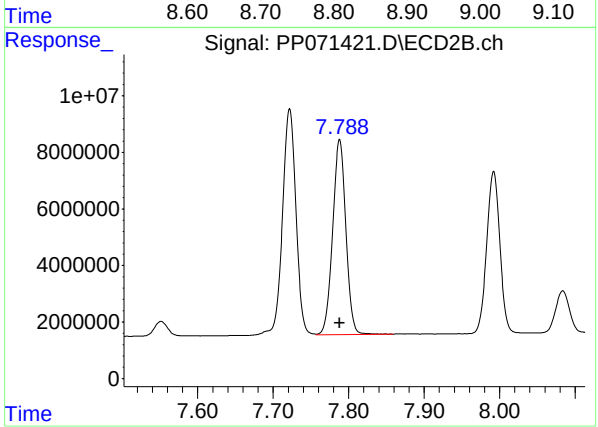
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 98709054
Conc: 486.28 ng/ml m



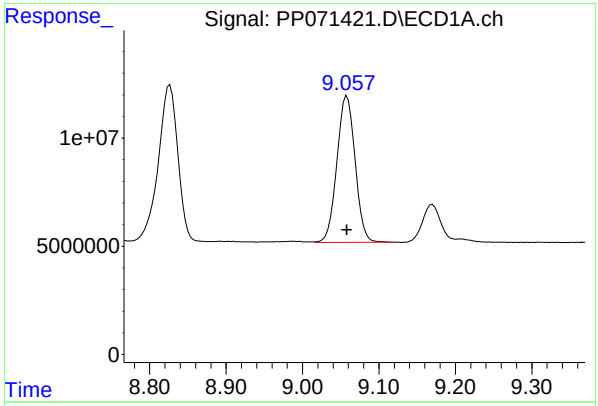
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 132293136
Conc: 493.70 ng/ml



#42 AR-1268-2

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 84218105
Conc: 487.50 ng/ml



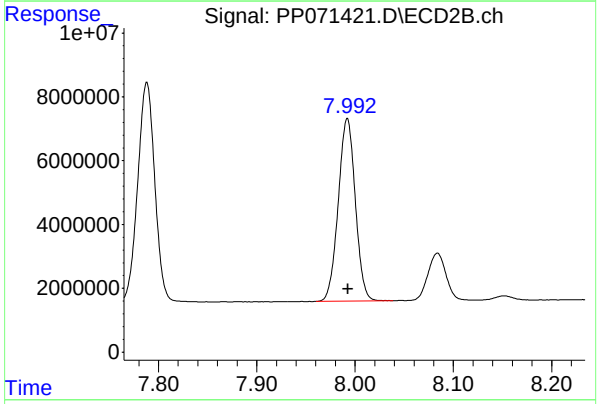
#43 AR-1268-3

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 112276971
Conc: 498.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

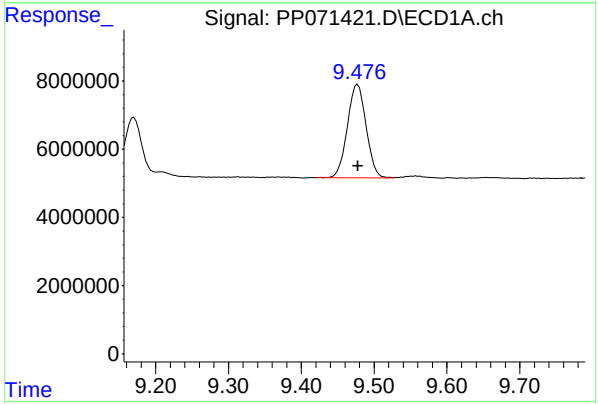
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



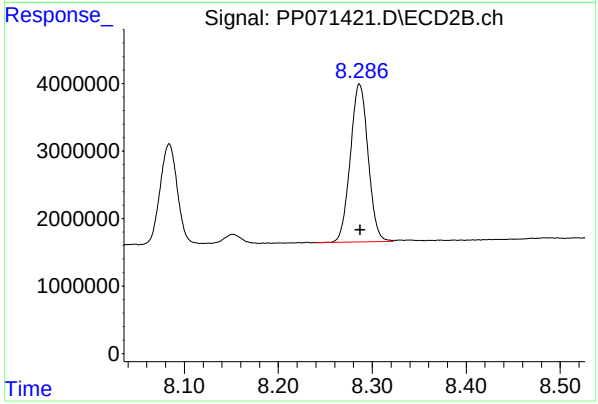
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 69254815
Conc: 484.02 ng/ml



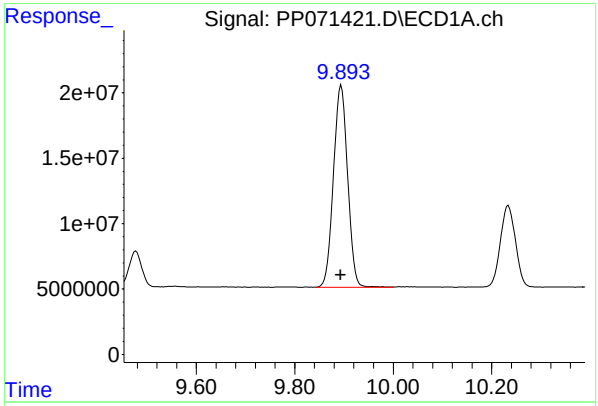
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 48904008
Conc: 493.94 ng/ml



#44 AR-1268-4

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 30724632
Conc: 483.69 ng/ml



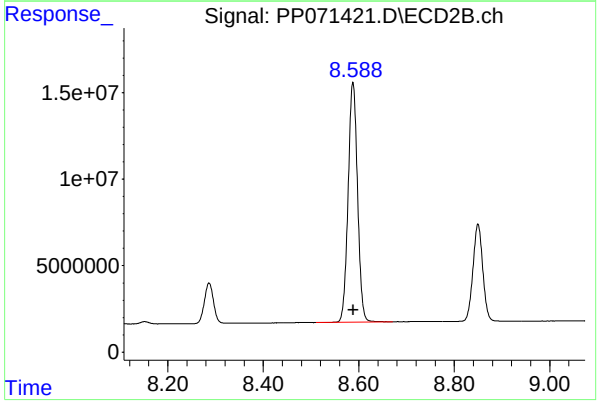
#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 308950692
Conc: 497.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP042225AR1268

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#45 AR-1268-5

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 189821225
Conc: 492.82 ng/ml

Raw Data: **PO110926.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 05/02/2025 05/02/2025

Continuing Calib Time: 10:03 **Initial Calibration Time(s):** 09:45 18:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.78	4.77	4.67	4.87	-0.01
Aroclor-1016-2	(2)	4.80	4.79	4.69	4.89	-0.01
Aroclor-1016-3	(3)	4.86	4.85	4.75	4.95	-0.01
Aroclor-1016-4	(4)	4.98	4.97	4.87	5.07	-0.01
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.28	6.27	6.17	6.37	-0.01
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.83	6.82	6.72	6.92	-0.01
Aroclor-1260-4	(4)	7.09	7.08	6.98	7.18	-0.01
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.69	3.68	3.58	3.78	-0.01
Decachlorobiphenyl		8.74	8.73	8.63	8.83	-0.01

Raw Data: **PO110926.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 05/02/2025 05/02/2025

Continuing Calib Time: 10:03 **Initial Calibration Time(s):** 09:45 18:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.00
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.58	6.48	6.68	0.00
Aroclor-1260-4	(4)	7.05	7.05	6.95	7.15	0.00
Aroclor-1260-5	(5)	7.29	7.29	7.19	7.39	0.00
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Raw Data: **PO110926.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/02/2025 05/02/2025

Client Sample No.: CCAL01 **Date Analyzed:** 05/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110926.D **Time Analyzed:** 10:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.780	4.673	4.873	449.500	500.000	-10.1
Aroclor-1016-2	4.800	4.692	4.892	462.350	500.000	-7.5
Aroclor-1016-3	4.856	4.748	4.948	431.450	500.000	-13.7
Aroclor-1016-4	4.976	4.868	5.068	459.620	500.000	-8.1
Aroclor-1016-5	5.234	5.125	5.325	449.770	500.000	-10.0
Aroclor-1260-1	6.275	6.165	6.365	441.930	500.000	-11.6
Aroclor-1260-2	6.463	6.355	6.555	440.130	500.000	-12.0
Aroclor-1260-3	6.831	6.722	6.922	464.700	500.000	-7.1
Aroclor-1260-4	7.091	6.982	7.182	455.430	500.000	-8.9
Aroclor-1260-5	7.334	7.225	7.425	459.130	500.000	-8.2
Decachlorobiphenyl	8.736	8.625	8.825	45.470	50.000	-9.1
Tetrachloro-m-xylene	3.689	3.583	3.783	46.640	50.000	-6.7

Raw Data: **PO110926.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/02/2025 05/02/2025

Client Sample No.: CCAL01 **Date Analyzed:** 05/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110926.D **Time Analyzed:** 10:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.760	4.660	4.860	485.320	500.000	-2.9
Aroclor-1016-2	4.779	4.679	4.879	485.430	500.000	-2.9
Aroclor-1016-3	4.954	4.854	5.054	491.110	500.000	-1.8
Aroclor-1016-4	4.996	4.896	5.096	494.570	500.000	-1.1
Aroclor-1016-5	5.208	5.109	5.309	483.070	500.000	-3.4
Aroclor-1260-1	6.240	6.139	6.339	480.420	500.000	-3.9
Aroclor-1260-2	6.428	6.327	6.527	479.660	500.000	-4.1
Aroclor-1260-3	6.580	6.480	6.680	493.460	500.000	-1.3
Aroclor-1260-4	7.052	6.950	7.150	496.890	500.000	-0.6
Aroclor-1260-5	7.292	7.192	7.392	505.320	500.000	1.1
Decachlorobiphenyl	8.677	8.576	8.776	52.350	50.000	4.7
Tetrachloro-m-xylene	3.680	3.580	3.780	50.010	50.000	0.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 10:03
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 11:17:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.689	3.680	266.8E6	242.2E6	46.642	50.012
2)	SA Decachlor...	8.736	8.677	277.5E6	88329522	45.470	52.351
	Target Compounds						
3)	L1 AR-1016-1	4.780	4.760	99345264	77106413	449.497	485.320
4)	L1 AR-1016-2	4.800	4.779	143.4E6	111.0E6	462.353	485.427
5)	L1 AR-1016-3	4.856	4.954	98673355	59884080	431.449	491.110
6)	L1 AR-1016-4	4.976	4.996	76845114	49833709	459.620	494.573
7)	L1 AR-1016-5	5.234	5.208	80098638	63476974	449.768	483.072
31)	L7 AR-1260-1	6.275	6.240	147.0E6	106.1E6	441.934	480.415
32)	L7 AR-1260-2	6.463	6.428	182.6E6	123.4E6	440.132	479.658
33)	L7 AR-1260-3	6.831	6.580	163.7E6	115.0E6	464.696	493.456
34)	L7 AR-1260-4	7.091	7.052	138.6E6	90481968	455.433	496.892
35)	L7 AR-1260-5	7.334	7.292	337.2E6	198.7E6	459.128	505.323

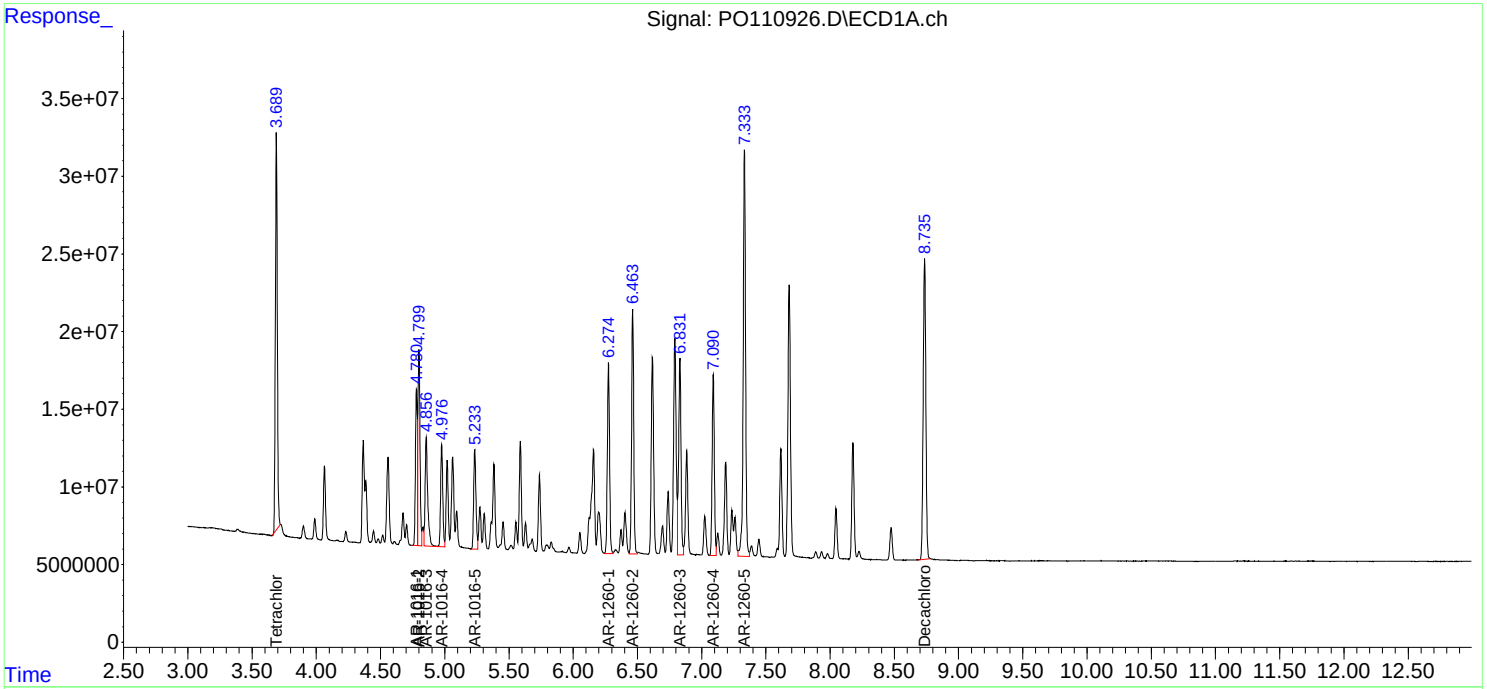
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

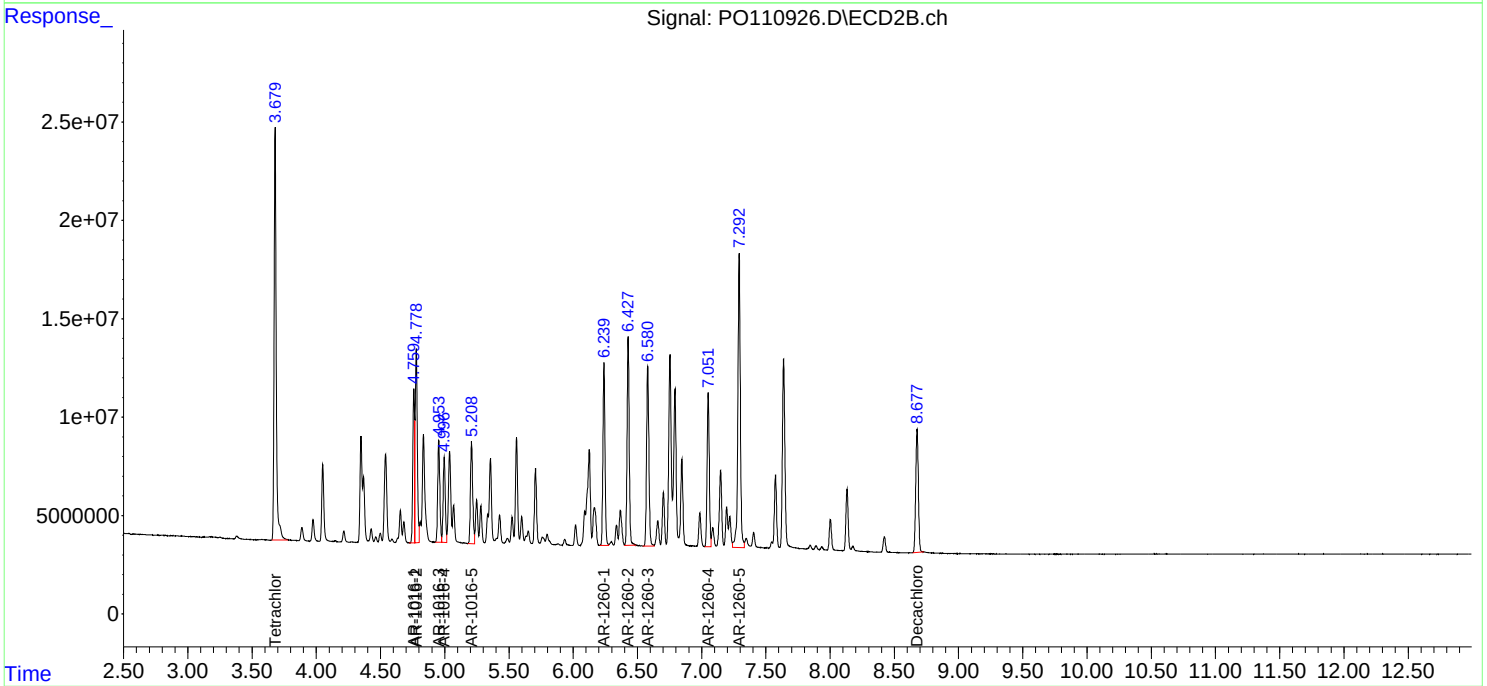
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 10:03
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

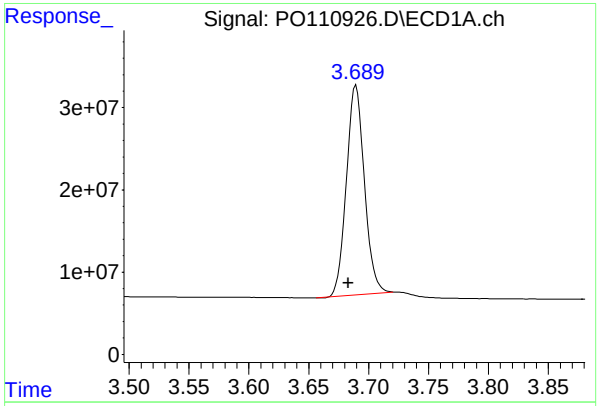
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 11:17:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



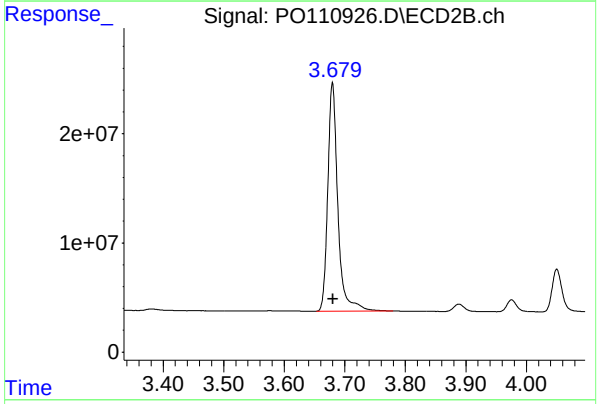




#1 Tetrachloro-m-xylene

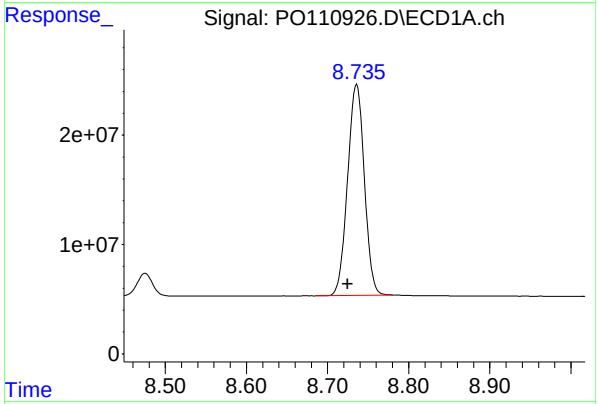
R.T.: 3.689 min
Delta R.T.: 0.006 min
Response: 266828732
Conc: 46.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



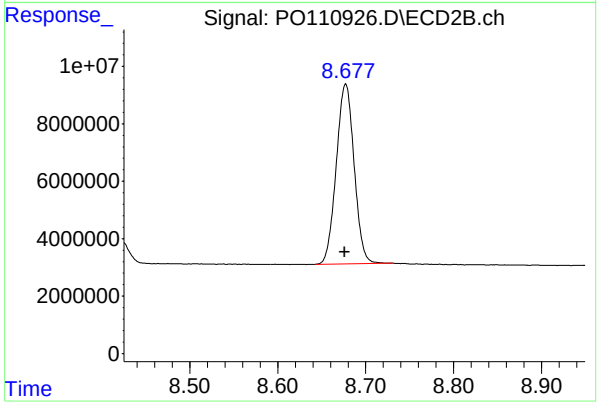
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 242212242
Conc: 50.01 ng/ml



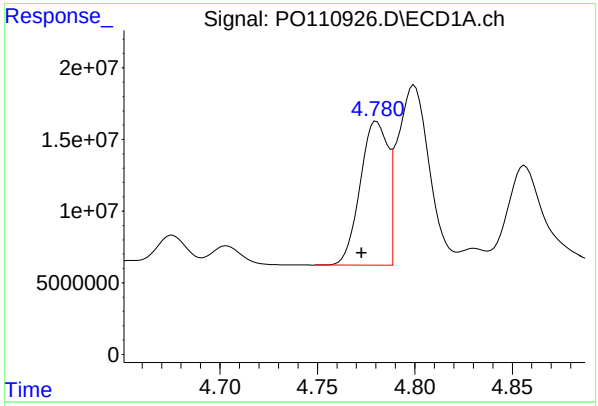
#2 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: 0.011 min
Response: 277480137
Conc: 45.47 ng/ml



#2 Decachlorobiphenyl

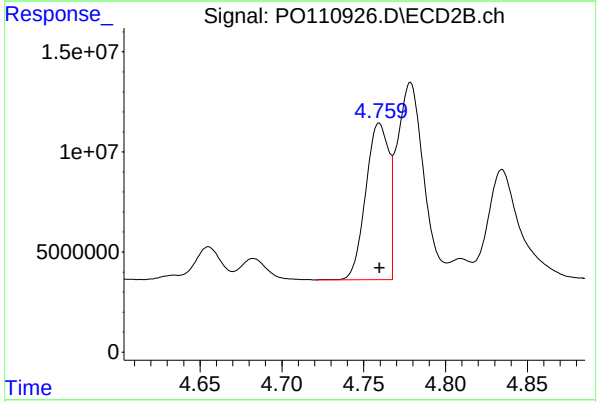
R.T.: 8.677 min
Delta R.T.: 0.001 min
Response: 88329522
Conc: 52.35 ng/ml



#3 AR-1016-1

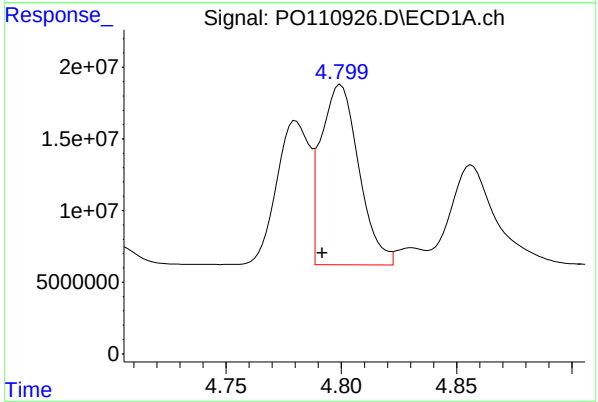
R.T.: 4.780 min
Delta R.T.: 0.008 min
Response: 99345264
Conc: 449.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



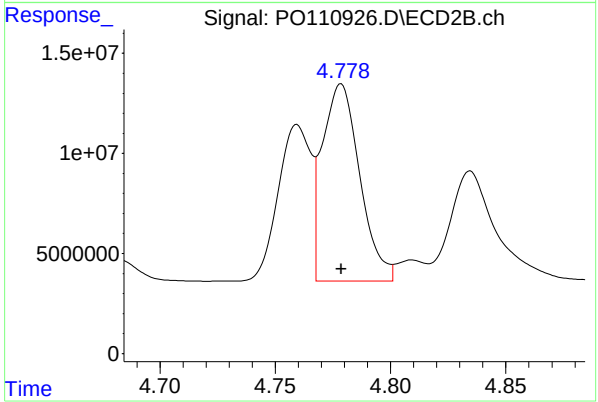
#3 AR-1016-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 77106413
Conc: 485.32 ng/ml



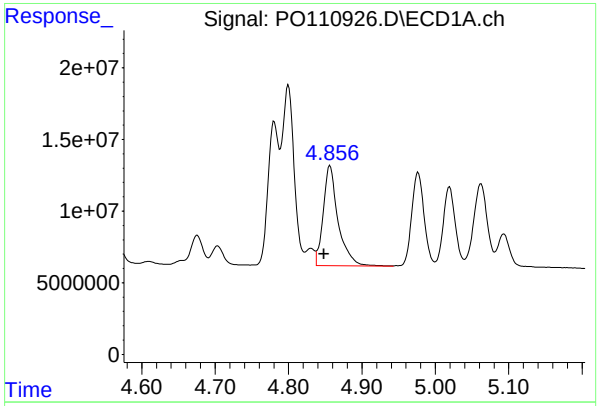
#4 AR-1016-2

R.T.: 4.800 min
Delta R.T.: 0.008 min
Response: 143409120
Conc: 462.35 ng/ml



#4 AR-1016-2

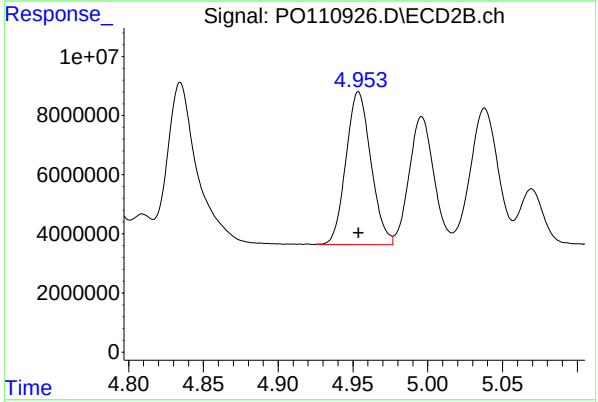
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 110952819
Conc: 485.43 ng/ml



#5 AR-1016-3

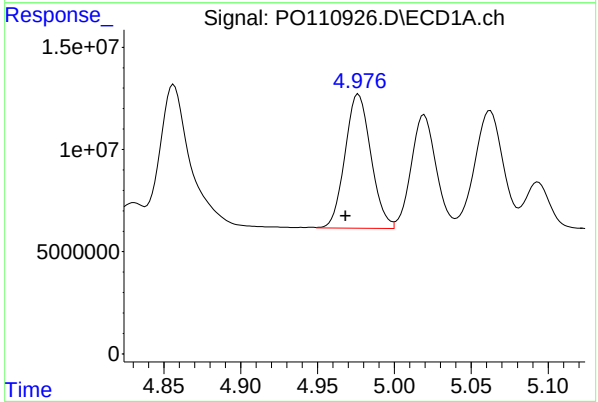
R.T.: 4.856 min
Delta R.T.: 0.008 min
Response: 98673355
Conc: 431.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



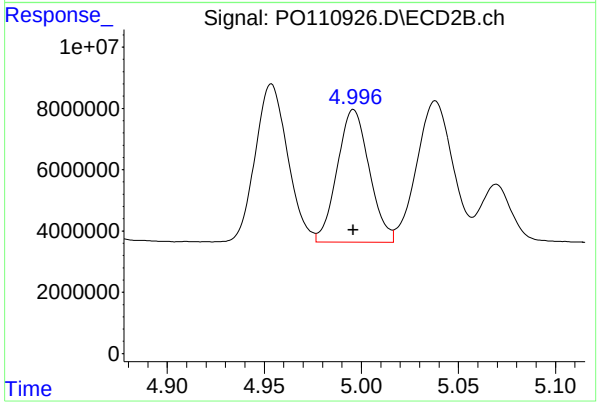
#5 AR-1016-3

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 59884080
Conc: 491.11 ng/ml



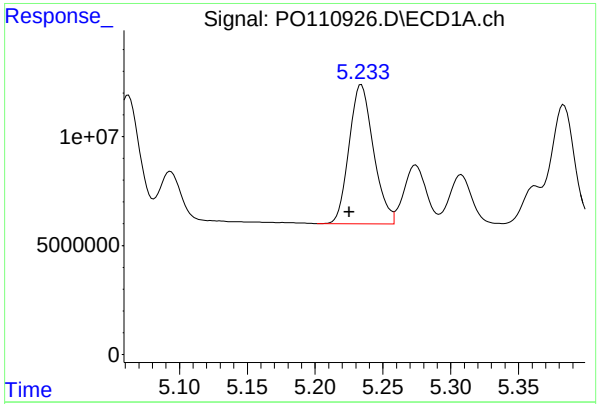
#6 AR-1016-4

R.T.: 4.976 min
Delta R.T.: 0.008 min
Response: 76845114
Conc: 459.62 ng/ml



#6 AR-1016-4

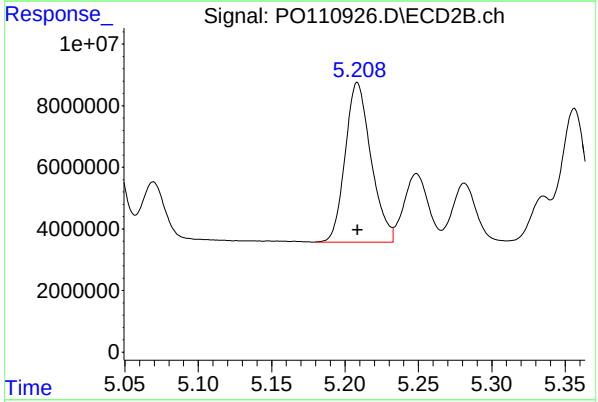
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 49833709
Conc: 494.57 ng/ml



#7 AR-1016-5

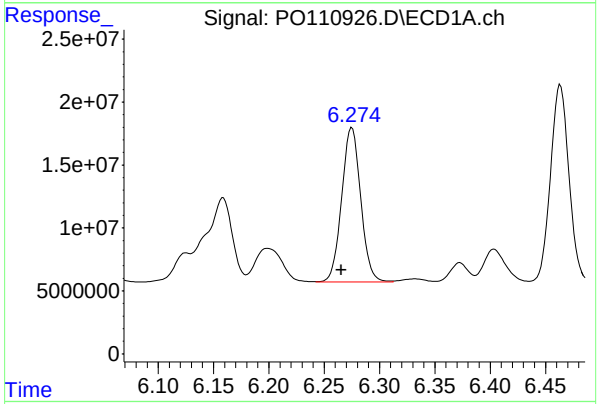
R.T.: 5.234 min
Delta R.T.: 0.009 mi
Response: 80098638
Conc: 449.77 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



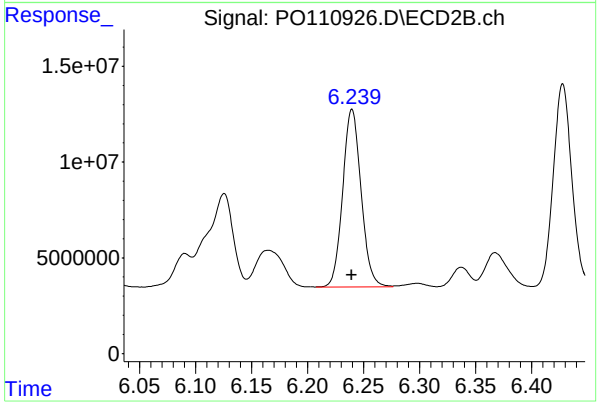
#7 AR-1016-5

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 63476974
Conc: 483.07 ng/ml



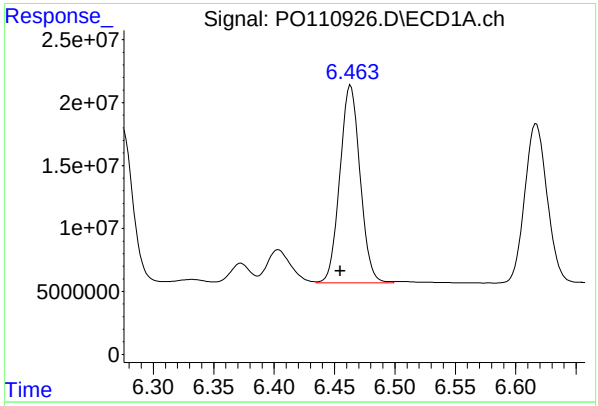
#31 AR-1260-1

R.T.: 6.275 min
Delta R.T.: 0.010 min
Response: 146997602
Conc: 441.93 ng/ml



#31 AR-1260-1

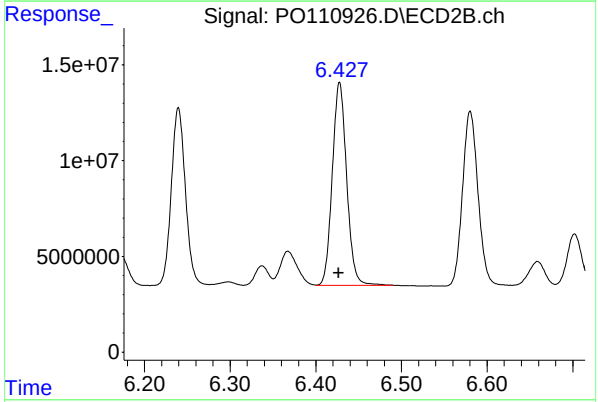
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 106060993
Conc: 480.42 ng/ml



#32 AR-1260-2

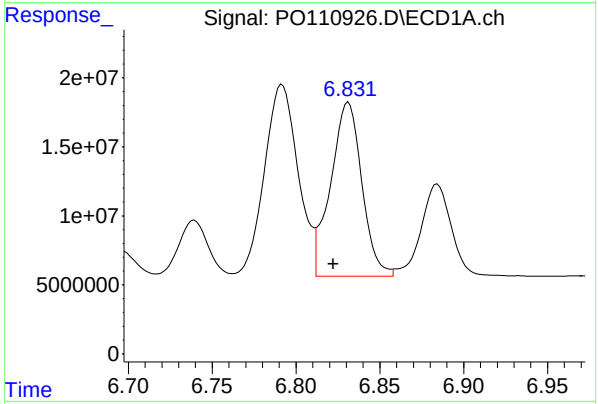
R.T.: 6.463 min
Delta R.T.: 0.008 min
Response: 182572492
Conc: 440.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



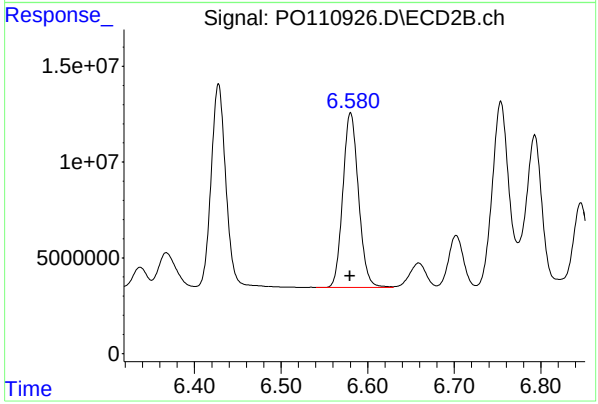
#32 AR-1260-2

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 123381591
Conc: 479.66 ng/ml



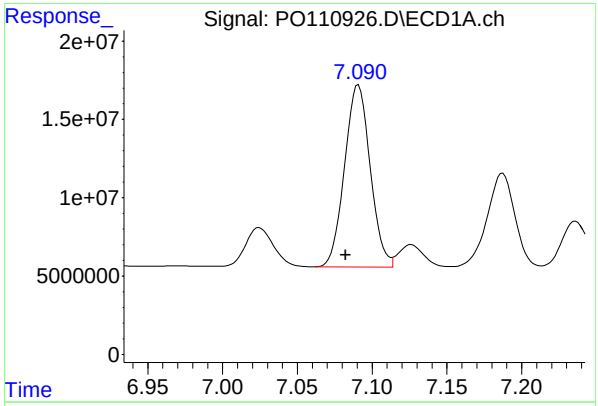
#33 AR-1260-3

R.T.: 6.831 min
Delta R.T.: 0.009 min
Response: 163696724
Conc: 464.70 ng/ml



#33 AR-1260-3

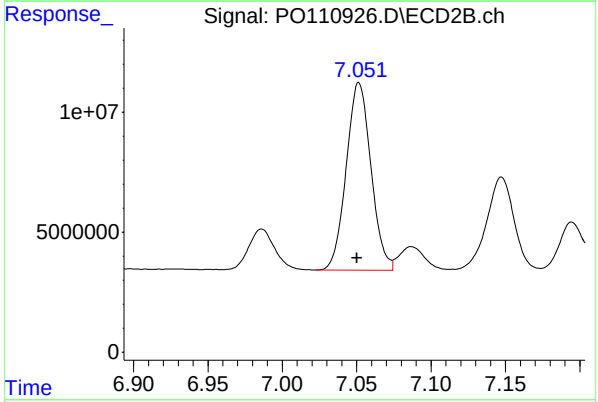
R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 115046067
Conc: 493.46 ng/ml



#34 AR-1260-4

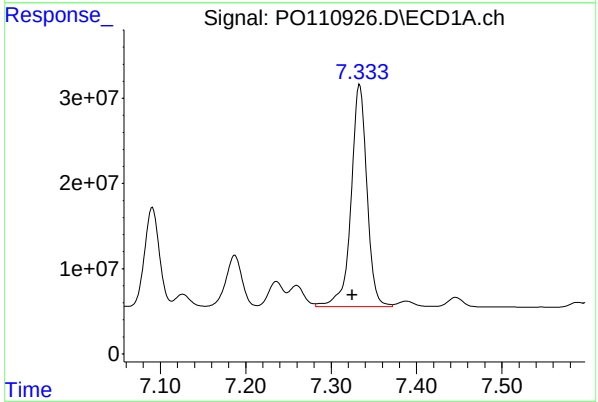
R.T.: 7.091 min
Delta R.T.: 0.008 min
Response: 138559239
Conc: 455.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



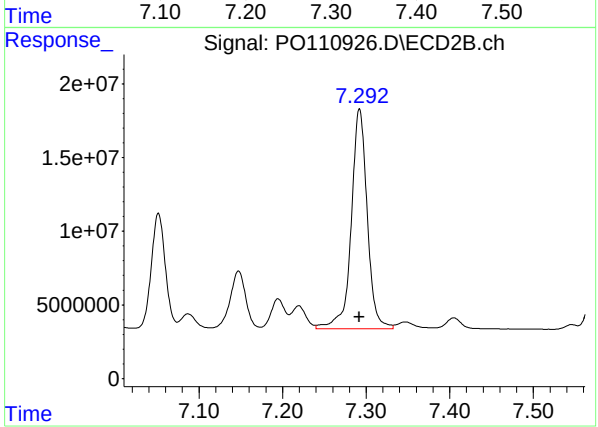
#34 AR-1260-4

R.T.: 7.052 min
Delta R.T.: 0.001 min
Response: 90481968
Conc: 496.89 ng/ml



#35 AR-1260-5

R.T.: 7.334 min
Delta R.T.: 0.009 min
Response: 337177015
Conc: 459.13 ng/ml



#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 198689765
Conc: 505.32 ng/ml

Raw Data: **PO110941.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 05/02/2025 05/02/2025

Continuing Calib Time: 17:07 **Initial Calibration Time(s):** 09:45 18:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-2	(2)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-3	(3)	4.85	4.85	4.75	4.95	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-2	(2)	6.46	6.46	6.36	6.56	0.00
Aroclor-1260-3	(3)	6.82	6.82	6.72	6.92	0.00
Aroclor-1260-4	(4)	7.08	7.08	6.98	7.18	0.00
Aroclor-1260-5	(5)	7.33	7.33	7.23	7.43	0.00
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.73	8.73	8.63	8.83	0.00

Raw Data: **PO110941.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 05/02/2025 05/02/2025

Continuing Calib Time: 17:07 **Initial Calibration Time(s):** 09:45 18:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-4	(4)	5.00	5.00	4.90	5.10	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.58	6.58	6.48	6.68	0.00
Aroclor-1260-4	(4)	7.05	7.05	6.95	7.15	0.00
Aroclor-1260-5	(5)	7.29	7.29	7.19	7.39	0.00
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.68	8.68	8.58	8.78	0.00

Raw Data: **PO110941.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 05/02/2025 05/02/2025

Client Sample No.: CCAL02 **Date Analyzed:** 05/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110941.D **Time Analyzed:** 17:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.774	4.673	4.873	433.660	500.000	-13.3
Aroclor-1016-2	4.793	4.692	4.892	450.100	500.000	-10.0
Aroclor-1016-3	4.850	4.748	4.948	414.720	500.000	-17.1
Aroclor-1016-4	4.970	4.868	5.068	443.310	500.000	-11.3
Aroclor-1016-5	5.227	5.125	5.325	493.700	500.000	-1.3
Aroclor-1260-1	6.267	6.165	6.365	430.420	500.000	-13.9
Aroclor-1260-2	6.456	6.355	6.555	434.950	500.000	-13.0
Aroclor-1260-3	6.823	6.722	6.922	448.030	500.000	-10.4
Aroclor-1260-4	7.084	6.982	7.182	436.580	500.000	-12.7
Aroclor-1260-5	7.326	7.225	7.425	441.680	500.000	-11.7
Decachlorobiphenyl	8.726	8.625	8.825	42.880	50.000	-14.2
Tetrachloro-m-xylene	3.684	3.583	3.783	46.250	50.000	-7.5

Raw Data: **PO110941.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 05/02/2025 05/02/2025

Client Sample No.: CCAL02 **Date Analyzed:** 05/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO110941.D **Time Analyzed:** 17:07

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.759	4.660	4.860	490.500	500.000	-1.9
Aroclor-1016-2	4.778	4.679	4.879	495.300	500.000	-0.9
Aroclor-1016-3	4.953	4.854	5.054	497.660	500.000	-0.5
Aroclor-1016-4	4.995	4.896	5.096	468.240	500.000	-6.4
Aroclor-1016-5	5.208	5.109	5.309	538.160	500.000	7.6
Aroclor-1260-1	6.238	6.139	6.339	487.300	500.000	-2.5
Aroclor-1260-2	6.426	6.327	6.527	485.210	500.000	-3.0
Aroclor-1260-3	6.579	6.480	6.680	488.250	500.000	-2.4
Aroclor-1260-4	7.049	6.950	7.150	483.810	500.000	-3.2
Aroclor-1260-5	7.290	7.192	7.392	489.070	500.000	-2.2
Decachlorobiphenyl	8.675	8.576	8.776	49.190	50.000	-1.6
Tetrachloro-m-xylene	3.680	3.580	3.780	50.860	50.000	1.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 17:07
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: May 05 18:29:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.684	3.680	264.6E6	246.3E6	46.253	50.863
2)	SA Decachlor...	8.726	8.675	261.7E6	82997463	42.878	49.191
	Target Compounds						
3)	L1 AR-1016-1	4.774	4.759	95844861	77928590	433.659	490.495
4)	L1 AR-1016-2	4.793	4.778	139.6E6	113.2E6	450.104	495.298
5)	L1 AR-1016-3	4.850	4.953	94846188	60682270	414.715	497.656
6)	L1 AR-1016-4	4.970	4.995	74117656	47180200	443.307	468.239
7)	L1 AR-1016-5	5.227	5.208	87922854	70715306	493.702	538.157
31)	L7 AR-1260-1	6.267	6.238	143.2E6	107.6E6	430.416	487.301
32)	L7 AR-1260-2	6.456	6.426	180.4E6	124.8E6	434.946	485.209
33)	L7 AR-1260-3	6.823	6.579	157.8E6	113.8E6	448.029	488.254
34)	L7 AR-1260-4	7.084	7.049	132.8E6	88098904	436.580	483.805
35)	L7 AR-1260-5	7.326	7.290	324.4E6	192.3E6	441.677	489.066

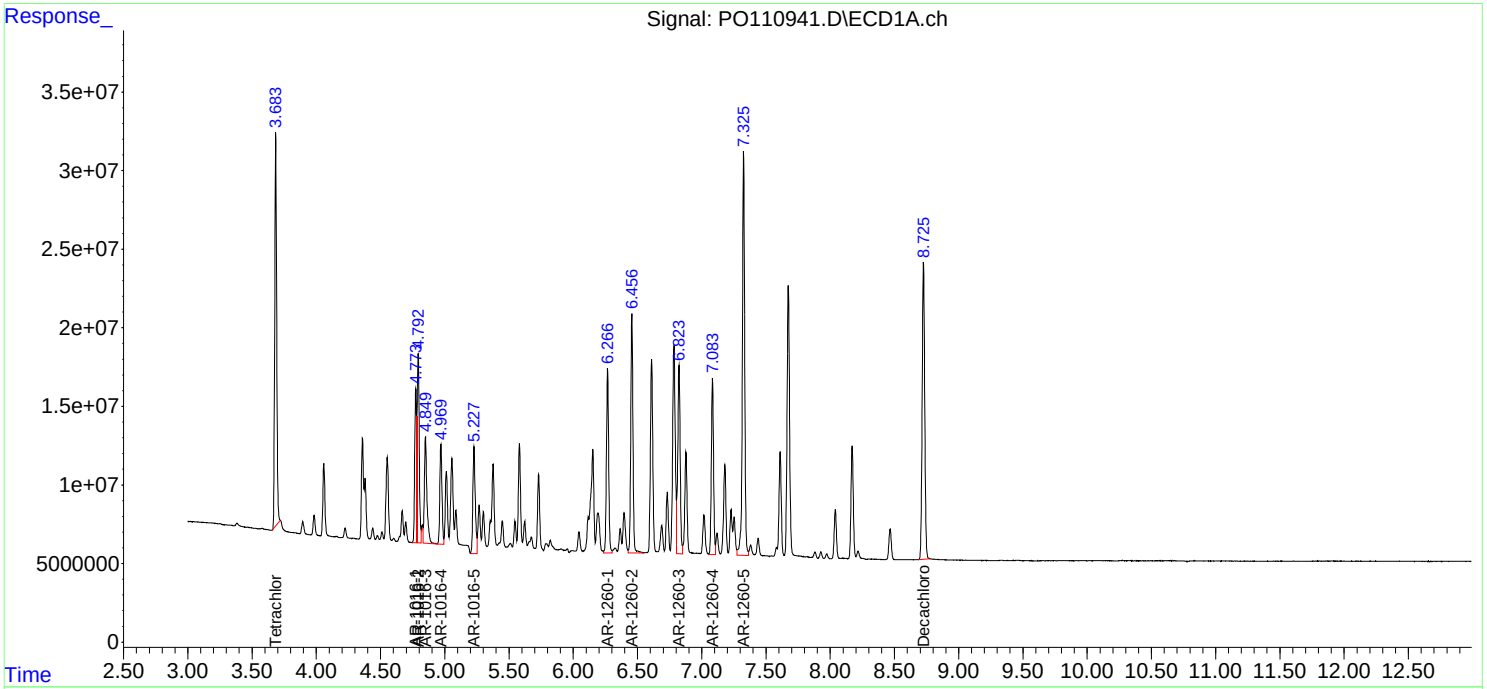
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

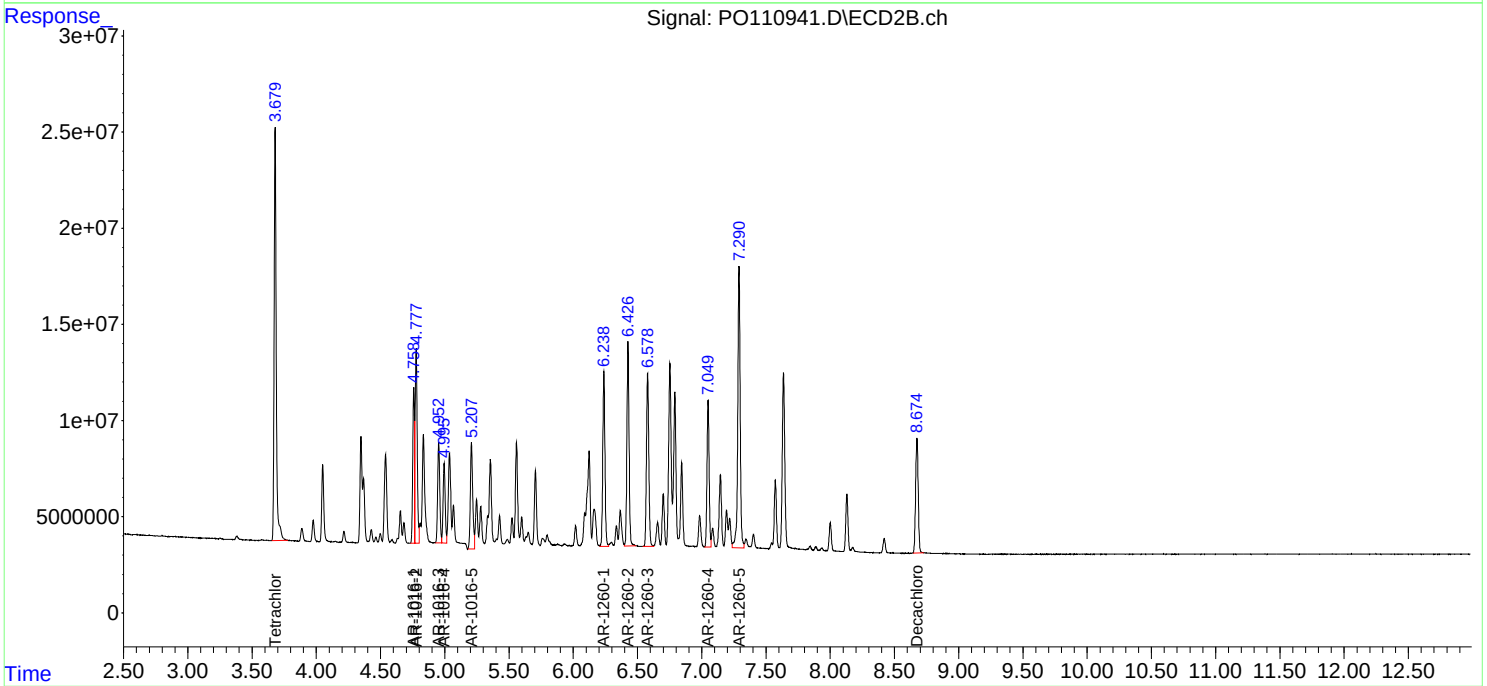
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 17:07
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

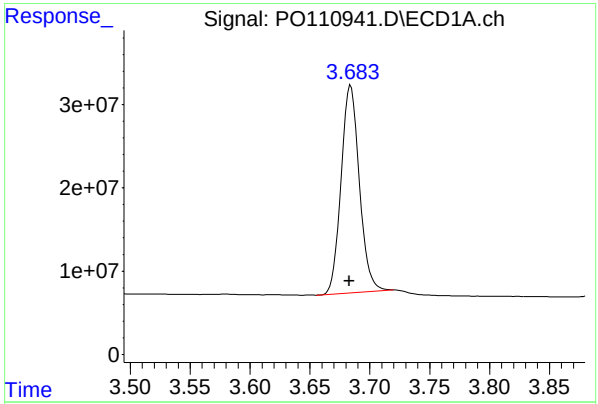
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 18:29:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



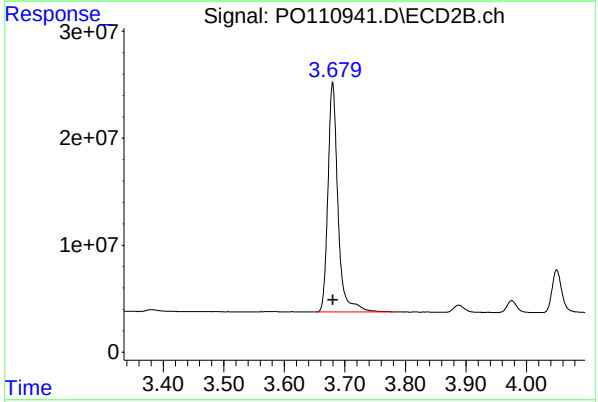




#1 Tetrachloro-m-xylene

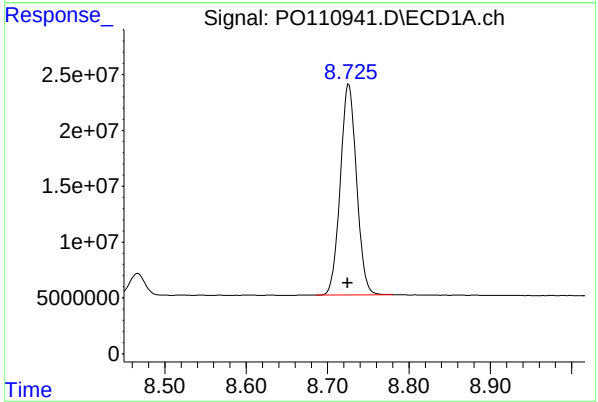
R.T.: 3.684 min
Delta R.T.: 0.001 min
Response: 264604815
Conc: 46.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



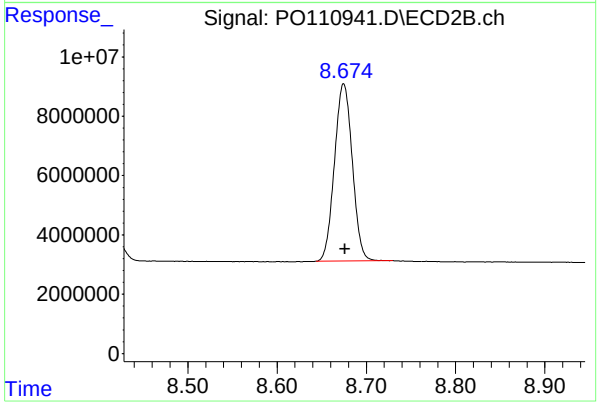
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 246336399
Conc: 50.86 ng/ml



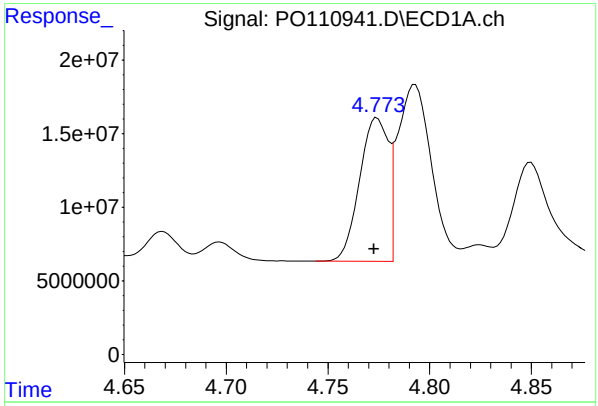
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: 0.001 min
Response: 261662398
Conc: 42.88 ng/ml



#2 Decachlorobiphenyl

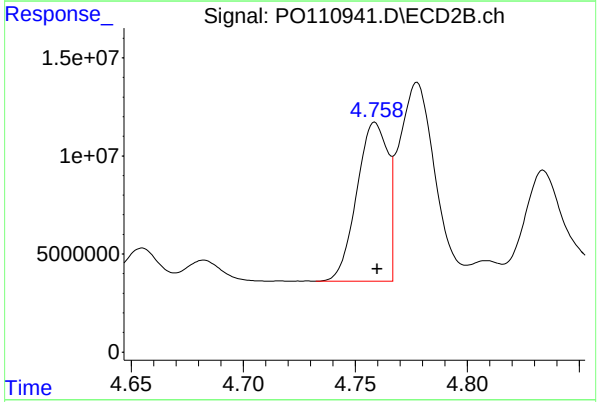
R.T.: 8.675 min
Delta R.T.: -0.001 min
Response: 82997463
Conc: 49.19 ng/ml



#3 AR-1016-1

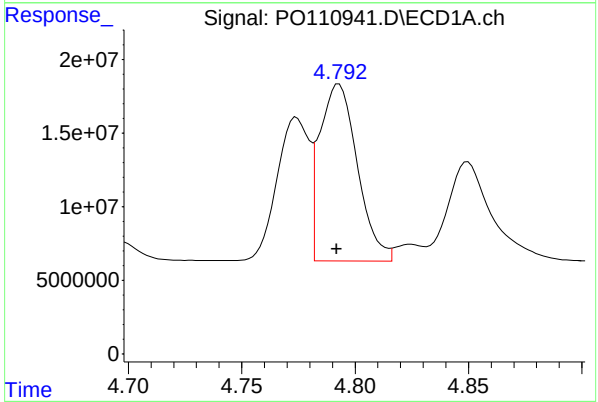
R.T.: 4.774 min
Delta R.T.: 0.001 min
Response: 95844861
Conc: 433.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



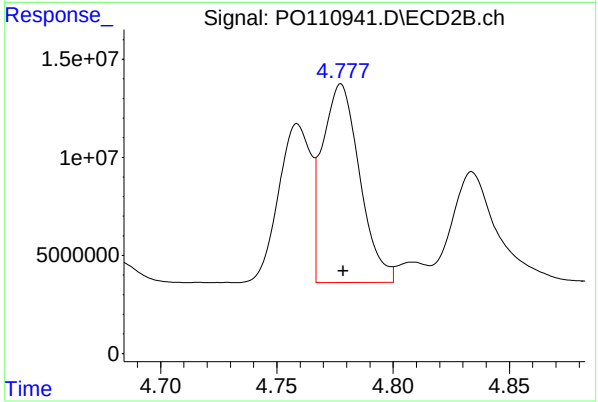
#3 AR-1016-1

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 77928590
Conc: 490.50 ng/ml



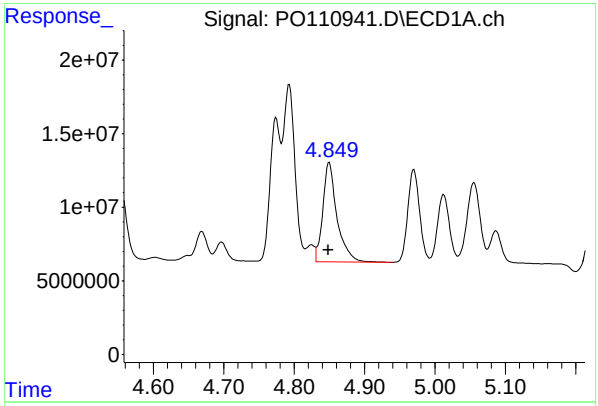
#4 AR-1016-2

R.T.: 4.793 min
Delta R.T.: 0.001 min
Response: 139609652
Conc: 450.10 ng/ml



#4 AR-1016-2

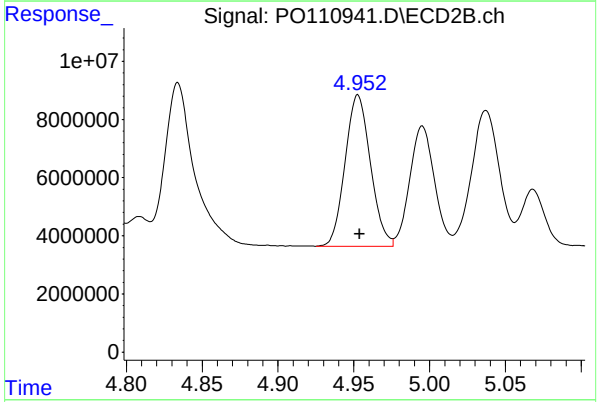
R.T.: 4.778 min
Delta R.T.: -0.001 min
Response: 113209015
Conc: 495.30 ng/ml



#5 AR-1016-3

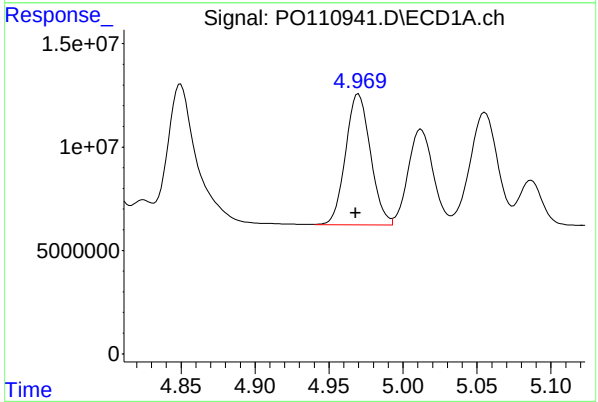
R.T.: 4.850 min
Delta R.T.: 0.001 min
Response: 94846188
Conc: 414.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



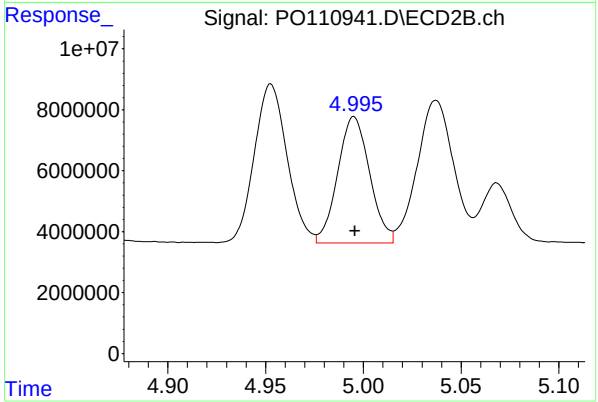
#5 AR-1016-3

R.T.: 4.953 min
Delta R.T.: -0.001 min
Response: 60682270
Conc: 497.66 ng/ml



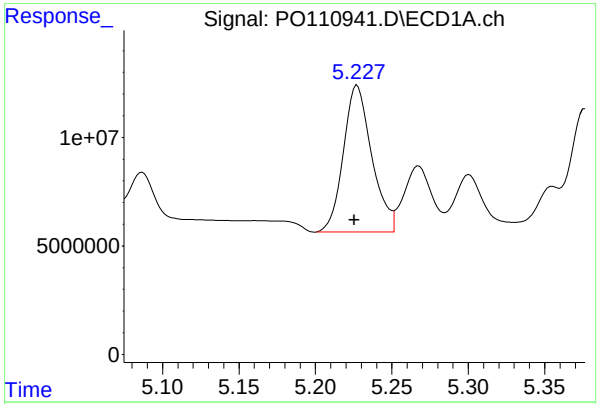
#6 AR-1016-4

R.T.: 4.970 min
Delta R.T.: 0.002 min
Response: 74117656
Conc: 443.31 ng/ml



#6 AR-1016-4

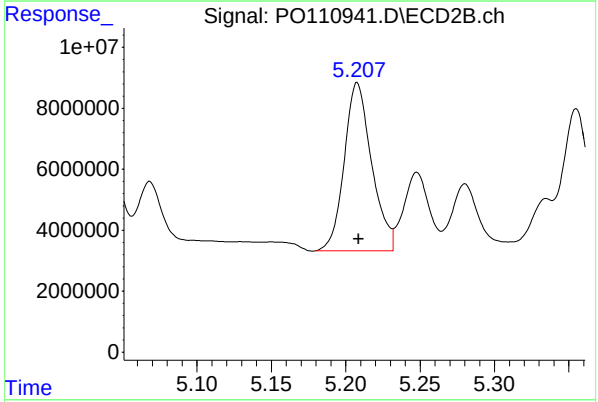
R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 47180200
Conc: 468.24 ng/ml



#7 AR-1016-5

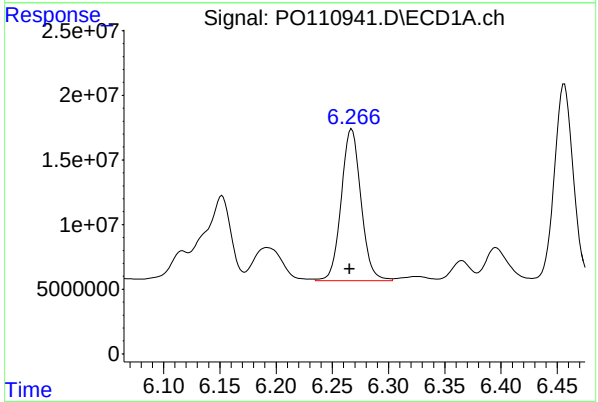
R.T.: 5.227 min
Delta R.T.: 0.002 min
Response: 87922854
Conc: 493.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



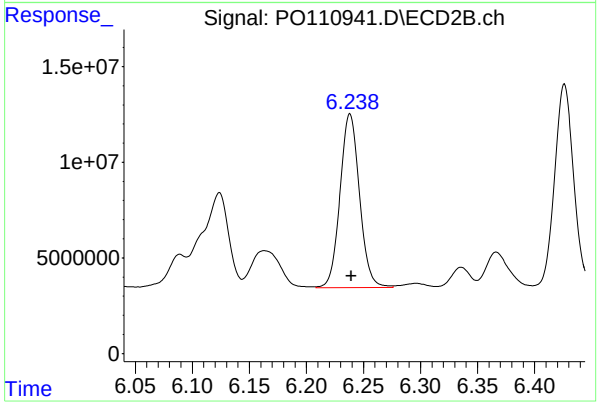
#7 AR-1016-5

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 70715306
Conc: 538.16 ng/ml



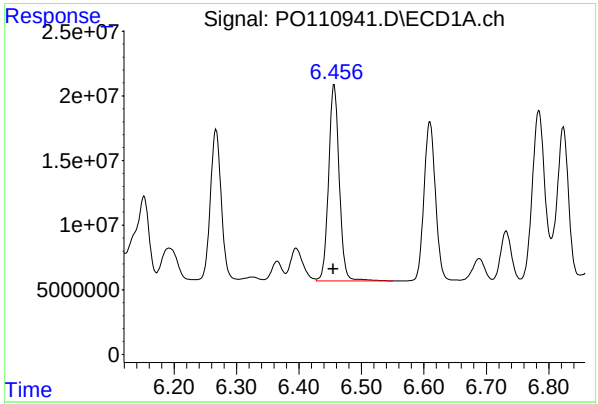
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 143166257
Conc: 430.42 ng/ml



#31 AR-1260-1

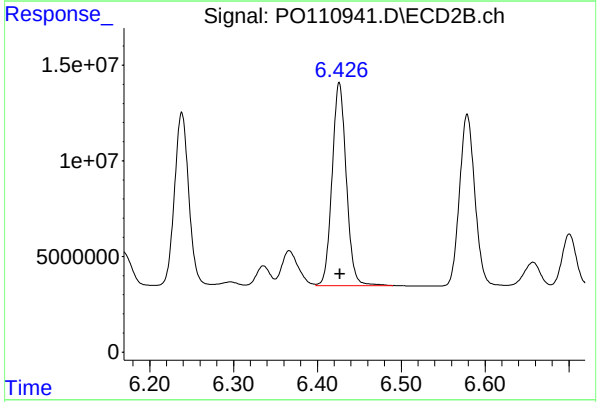
R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 107581088
Conc: 487.30 ng/ml



#32 AR-1260-2

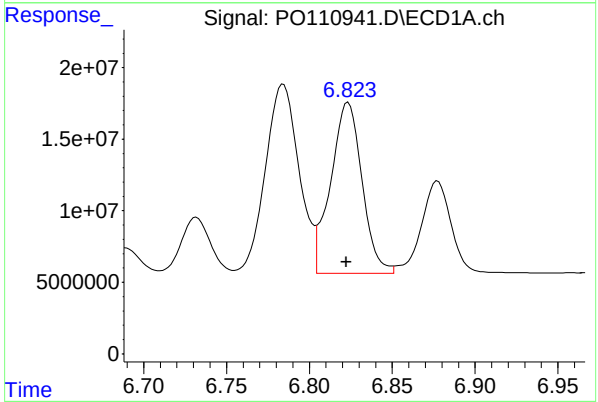
R.T.: 6.456 min
Delta R.T.: 0.001 min
Response: 180421132
Conc: 434.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



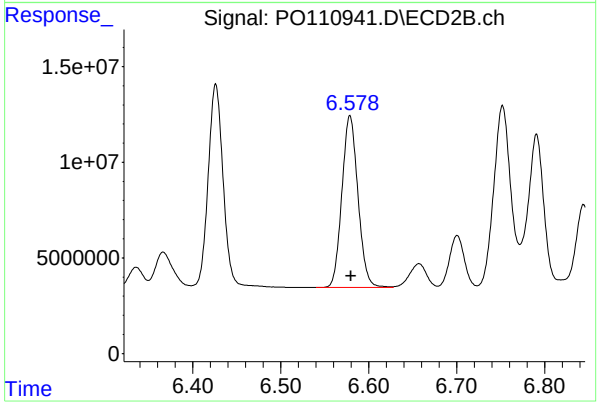
#32 AR-1260-2

R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 124809484
Conc: 485.21 ng/ml



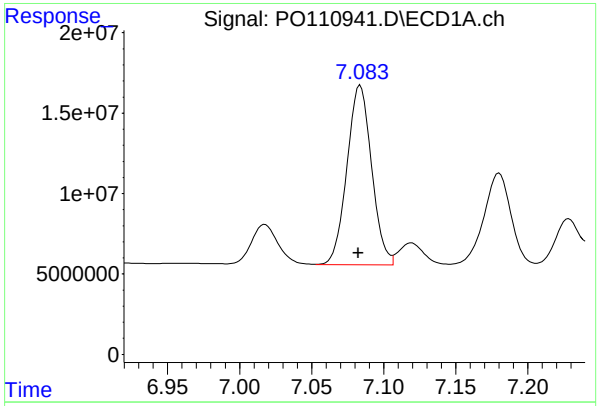
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: 0.001 min
Response: 157825432
Conc: 448.03 ng/ml



#33 AR-1260-3

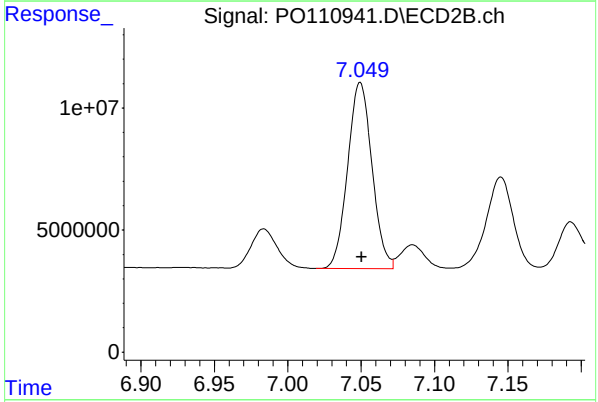
R.T.: 6.579 min
Delta R.T.: -0.001 min
Response: 113833424
Conc: 488.25 ng/ml



#34 AR-1260-4

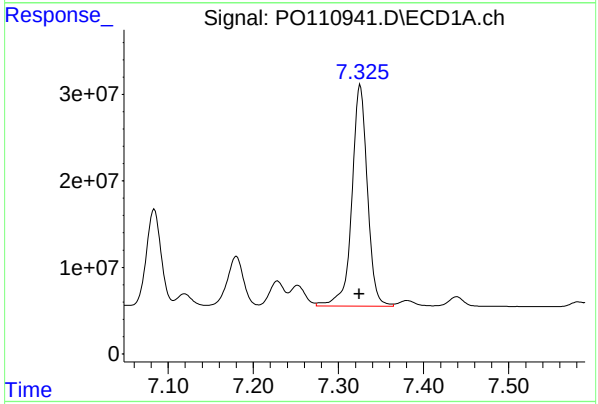
R.T.: 7.084 min
Delta R.T.: 0.001 min
Response: 132823397
Conc: 436.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



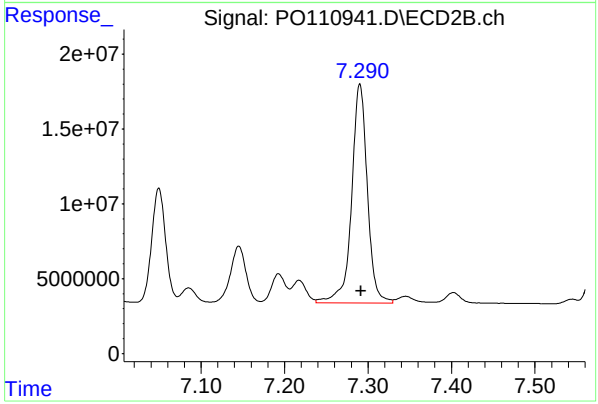
#34 AR-1260-4

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 88098904
Conc: 483.81 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 324361676
Conc: 441.68 ng/ml



#35 AR-1260-5

R.T.: 7.290 min
Delta R.T.: -0.001 min
Response: 192297525
Conc: 489.07 ng/ml

Raw Data: **PP071766.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 10:06 **Initial Calibration Time(s):** 10:29 17:49

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)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.22	10.24	10.14	10.34	0.02

Raw Data: **PP071766.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 10:06 **Initial Calibration Time(s):** 10:29 17:49

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	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.56	6.57	6.47	6.67	0.01
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

Raw Data: **PP071766.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL03 **Date Analyzed:** 05/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071766.D **Time Analyzed:** 10:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.666	5.571	5.771	495.490	500.000	-0.9
Aroclor-1016-2	5.687	5.593	5.793	504.970	500.000	1.0
Aroclor-1016-3	5.749	5.654	5.854	504.560	500.000	0.9
Aroclor-1016-4	5.847	5.752	5.952	506.620	500.000	1.3
Aroclor-1016-5	6.139	6.045	6.245	501.100	500.000	0.2
Aroclor-1260-1	7.257	7.165	7.365	479.580	500.000	-4.1
Aroclor-1260-2	7.511	7.418	7.618	491.060	500.000	-1.8
Aroclor-1260-3	7.869	7.777	7.977	509.620	500.000	1.9
Aroclor-1260-4	8.093	8.002	8.202	499.990	500.000	0.0
Aroclor-1260-5	8.413	8.322	8.522	520.850	500.000	4.2
Decachlorobiphenyl	10.224	10.137	10.337	52.260	50.000	4.5
Tetrachloro-m-xylene	4.512	4.417	4.617	51.370	50.000	2.7

Raw Data: **PP071766.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL03 **Date Analyzed:** 05/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071766.D **Time Analyzed:** 10:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.892	4.798	4.998	470.630	500.000	-5.9
Aroclor-1016-2	4.910	4.816	5.016	493.690	500.000	-1.3
Aroclor-1016-3	5.087	4.993	5.193	501.580	500.000	0.3
Aroclor-1016-4	5.128	5.036	5.236	501.560	500.000	0.3
Aroclor-1016-5	5.343	5.250	5.450	496.800	500.000	-0.6
Aroclor-1260-1	6.376	6.285	6.485	497.390	500.000	-0.5
Aroclor-1260-2	6.564	6.473	6.673	502.000	500.000	0.4
Aroclor-1260-3	6.717	6.627	6.827	489.370	500.000	-2.1
Aroclor-1260-4	7.188	7.098	7.298	493.060	500.000	-1.4
Aroclor-1260-5	7.429	7.339	7.539	476.020	500.000	-4.8
Decachlorobiphenyl	8.835	8.749	8.949	50.840	50.000	1.7
Tetrachloro-m-xylene	3.807	3.712	3.912	50.490	50.000	1.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071766.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 10:06
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 11:31:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.807	101.9E6	71121978	51.374	50.490
2)	SA Decachlor...	10.224	8.835	75668422	44587256	52.257	50.838
	Target Compounds						
3)	L1 AR-1016-1	5.666	4.892	33222406	25194487	495.488	470.630
4)	L1 AR-1016-2	5.687	4.910	51823773	37699630	504.966	493.685
5)	L1 AR-1016-3	5.749	5.087	31104599	21172057	504.559	501.584
6)	L1 AR-1016-4	5.847	5.128	25988547	17296794	506.618	501.561
7)	L1 AR-1016-5	6.139	5.343	24172419	22081508	501.103	496.802
31)	L7 AR-1260-1	7.257	6.376	46051178	35960625	479.577	497.386
32)	L7 AR-1260-2	7.511	6.564	70260171	43905517	491.064	501.999
33)	L7 AR-1260-3	7.869	6.717	57129954	38360375	509.615	489.368
34)	L7 AR-1260-4	8.093	7.188	56431824	31117552	499.995	493.064
35)	L7 AR-1260-5	8.413	7.429	118.0E6	71772467	520.853	476.016

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

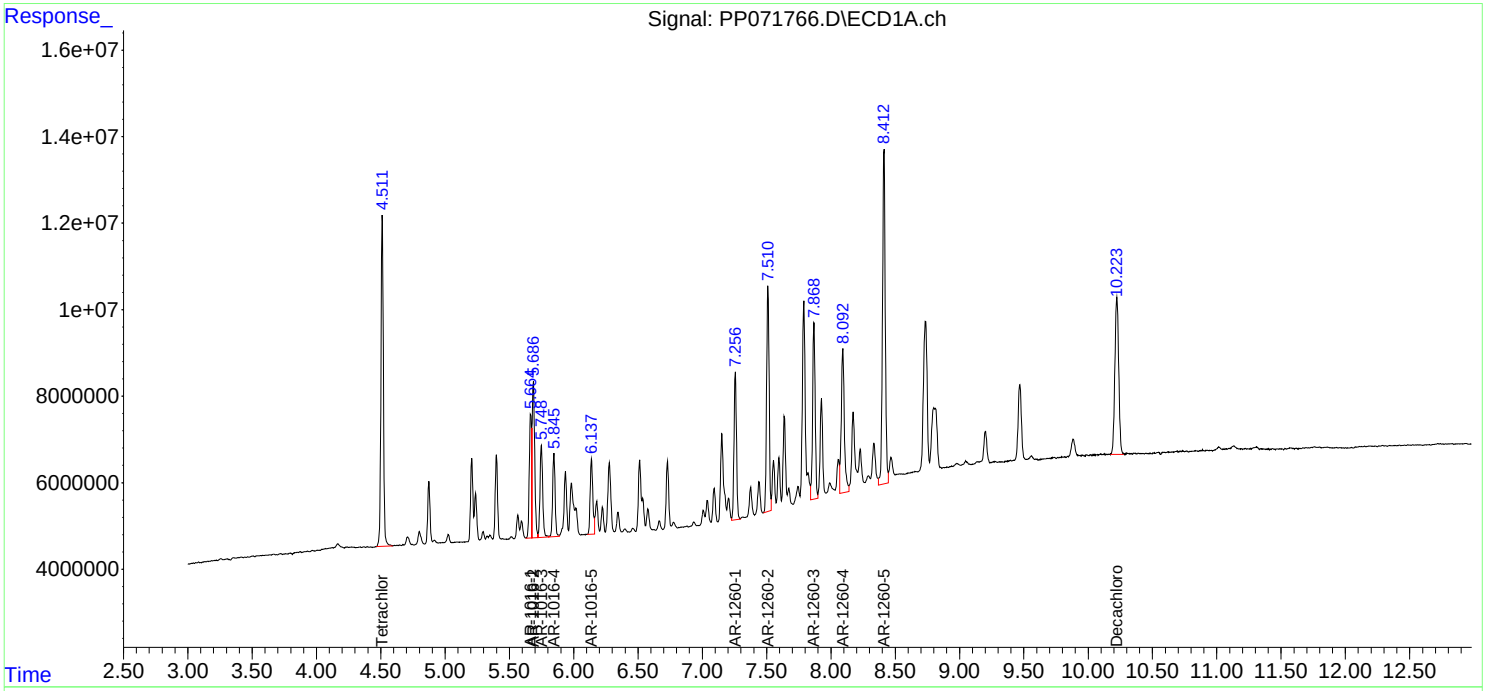
Sample Results: **PP071766.D**

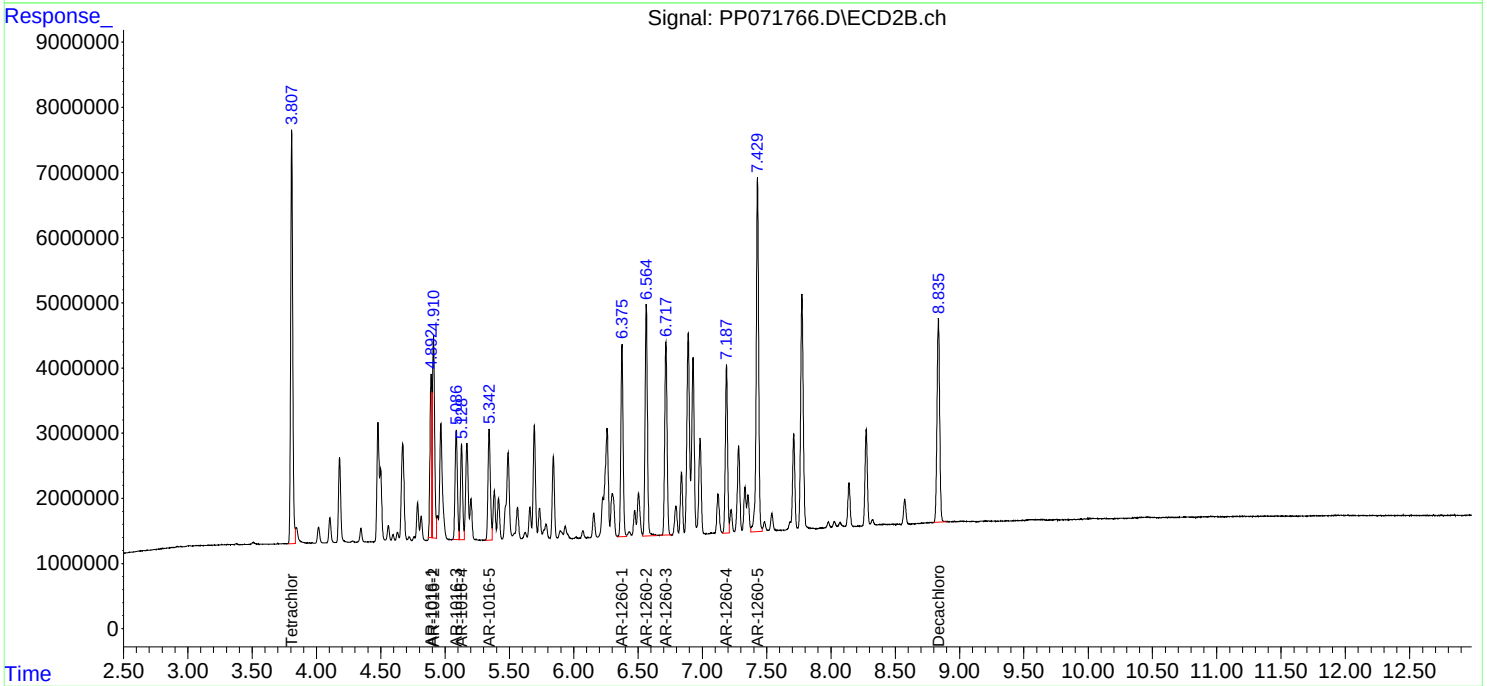
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071766.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 10:06
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

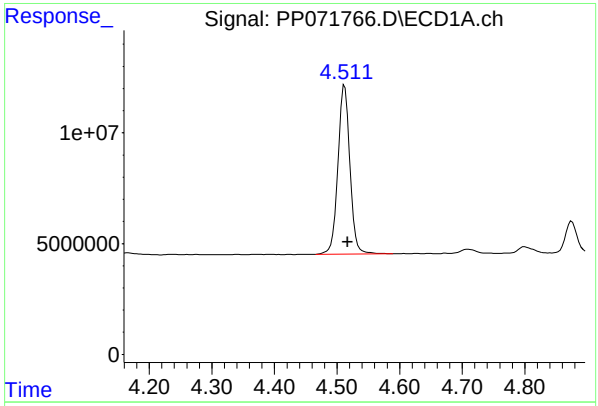
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 11:31:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



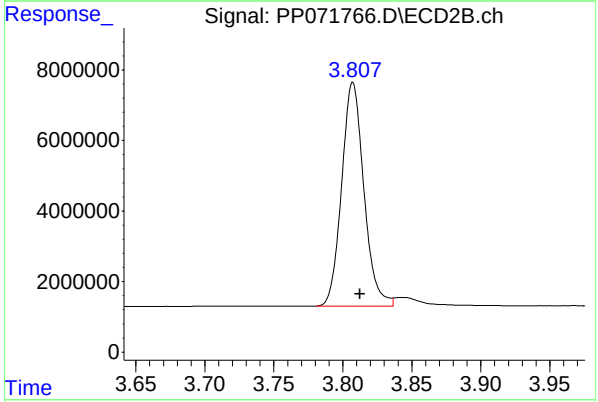




#1 Tetrachloro-m-xylene

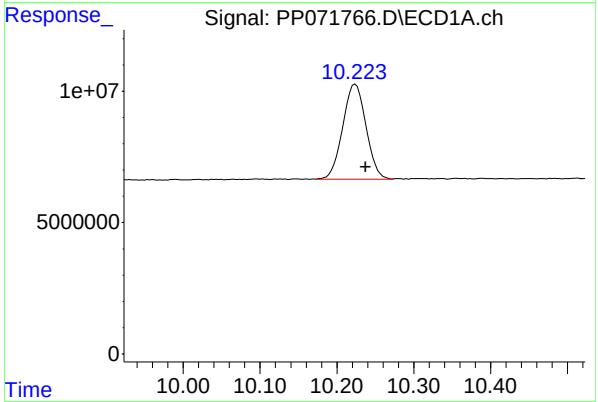
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 101855017
Conc: 51.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



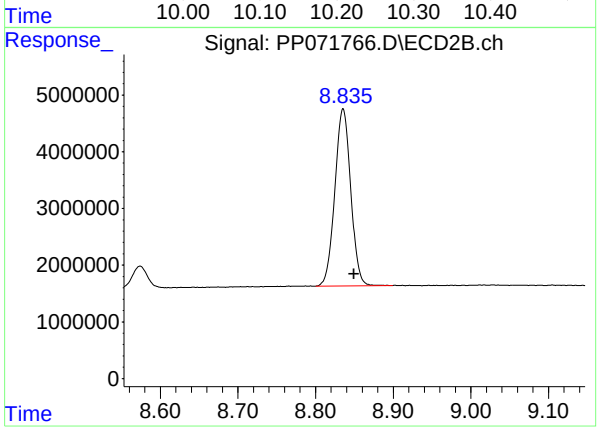
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: -0.005 min
Response: 71121978
Conc: 50.49 ng/ml



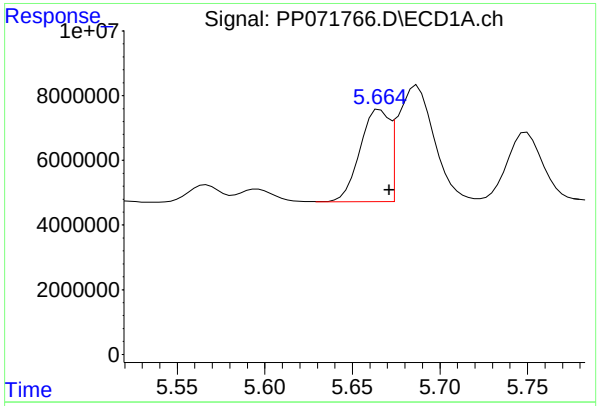
#2 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: -0.013 min
Response: 75668422
Conc: 52.26 ng/ml



#2 Decachlorobiphenyl

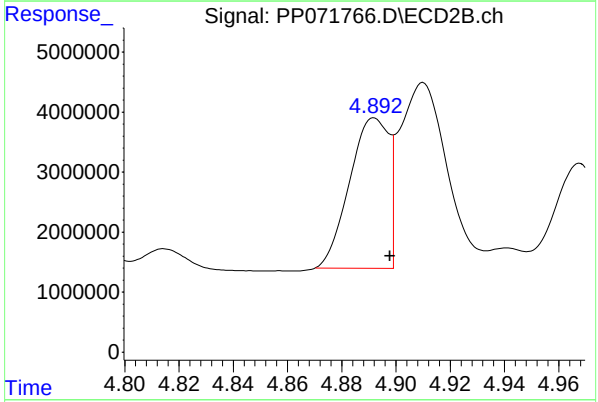
R.T.: 8.835 min
Delta R.T.: -0.014 min
Response: 44587256
Conc: 50.84 ng/ml



#3 AR-1016-1

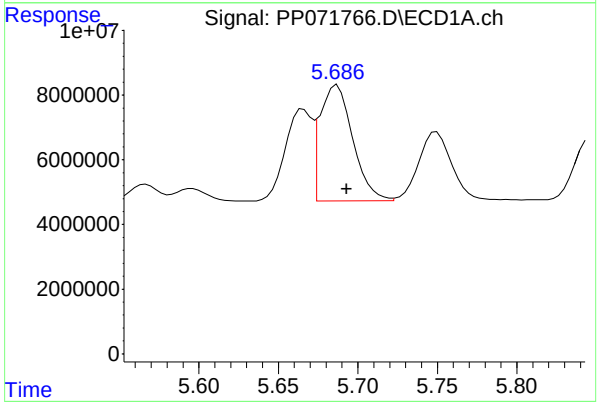
R.T.: 5.666 min
Delta R.T.: -0.005 min
Response: 33222406
Conc: 495.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



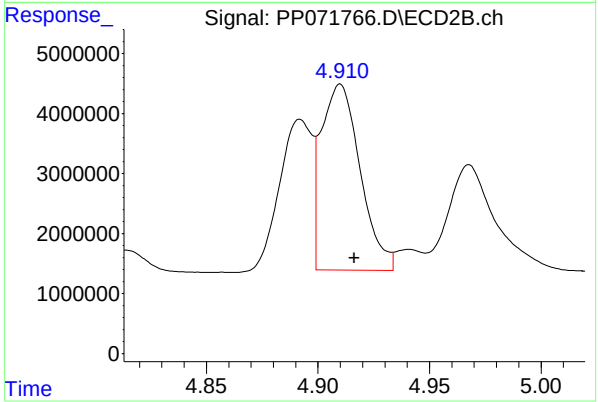
#3 AR-1016-1

R.T.: 4.892 min
Delta R.T.: -0.006 min
Response: 25194487
Conc: 470.63 ng/ml



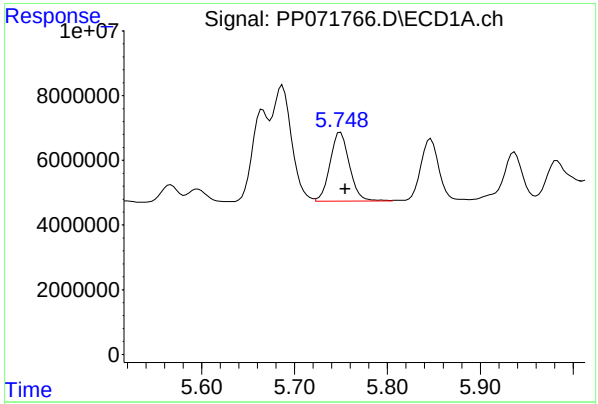
#4 AR-1016-2

R.T.: 5.687 min
Delta R.T.: -0.006 min
Response: 51823773
Conc: 504.97 ng/ml



#4 AR-1016-2

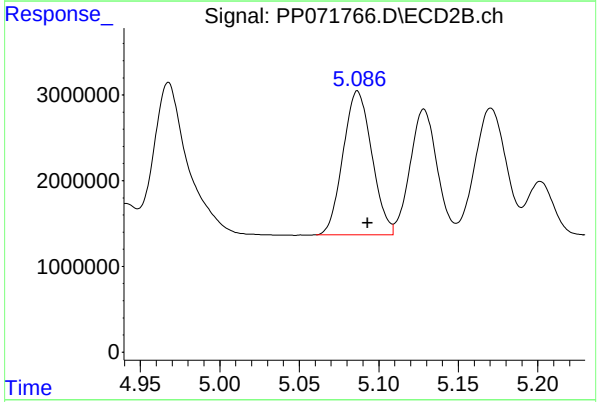
R.T.: 4.910 min
Delta R.T.: -0.006 min
Response: 37699630
Conc: 493.69 ng/ml



#5 AR-1016-3

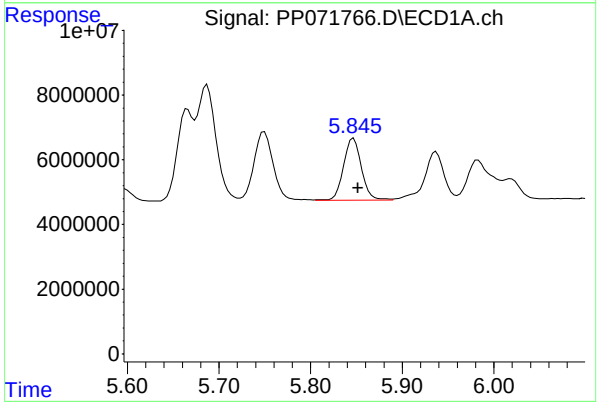
R.T.: 5.749 min
Delta R.T.: -0.005 min
Response: 31104599
Conc: 504.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



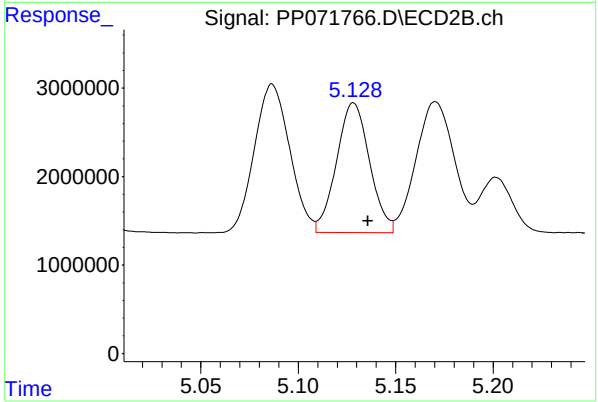
#5 AR-1016-3

R.T.: 5.087 min
Delta R.T.: -0.006 min
Response: 21172057
Conc: 501.58 ng/ml



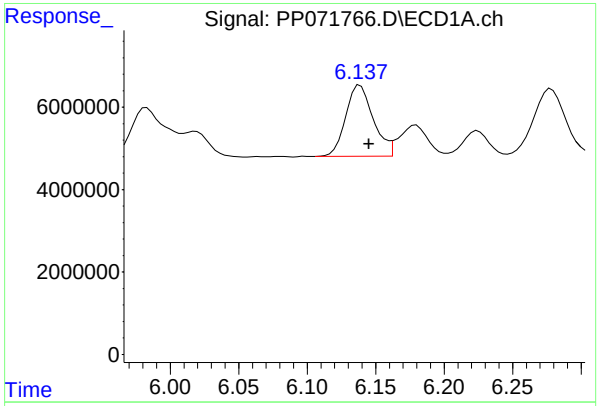
#6 AR-1016-4

R.T.: 5.847 min
Delta R.T.: -0.005 min
Response: 25988547
Conc: 506.62 ng/ml



#6 AR-1016-4

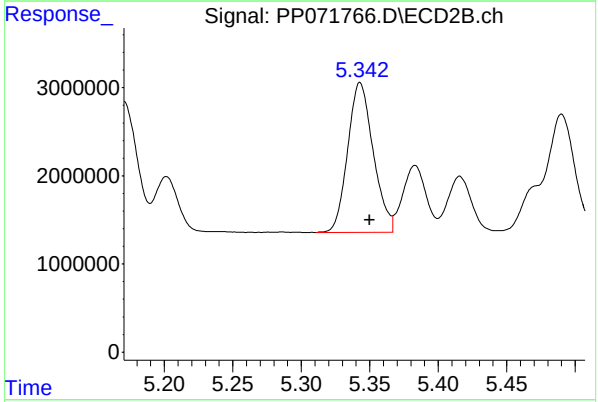
R.T.: 5.128 min
Delta R.T.: -0.007 min
Response: 17296794
Conc: 501.56 ng/ml



#7 AR-1016-5

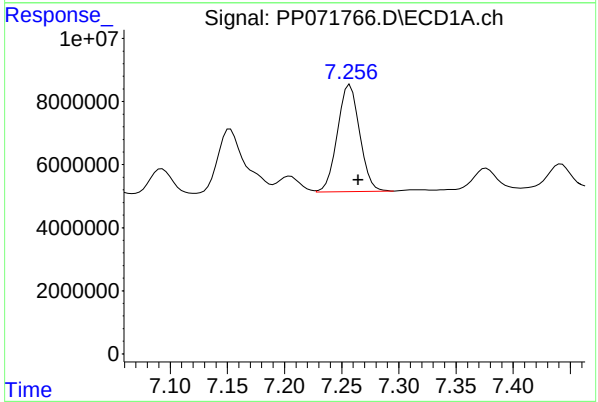
R.T.: 6.139 min
Delta R.T.: -0.006 min
Response: 24172419
Conc: 501.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



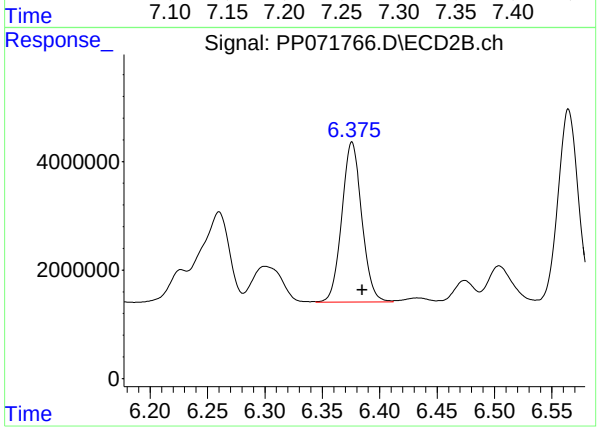
#7 AR-1016-5

R.T.: 5.343 min
Delta R.T.: -0.007 min
Response: 22081508
Conc: 496.80 ng/ml



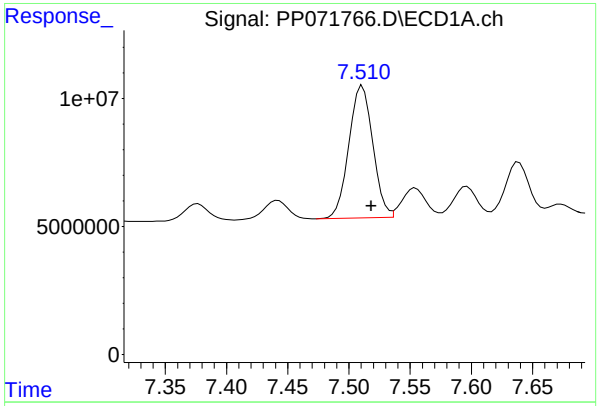
#31 AR-1260-1

R.T.: 7.257 min
Delta R.T.: -0.007 min
Response: 46051178
Conc: 479.58 ng/ml



#31 AR-1260-1

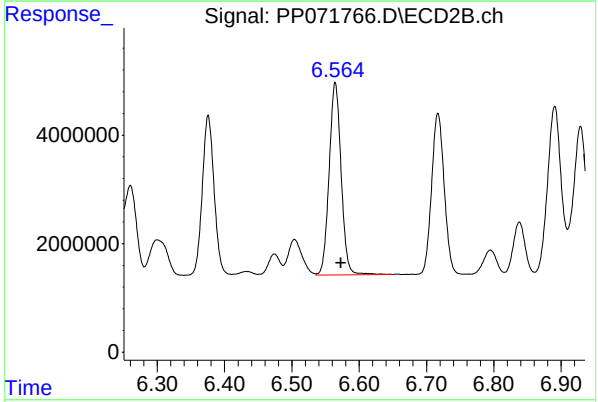
R.T.: 6.376 min
Delta R.T.: -0.009 min
Response: 35960625
Conc: 497.39 ng/ml



#32 AR-1260-2

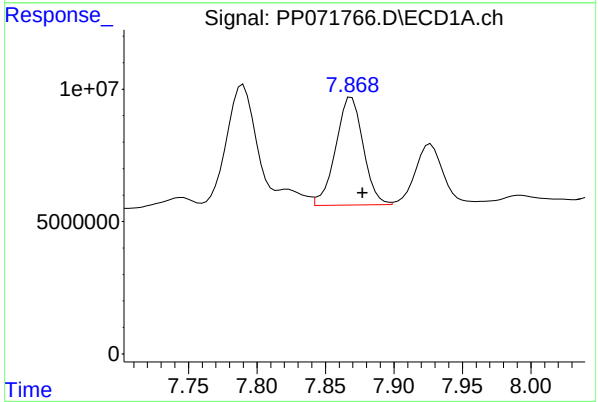
R.T.: 7.511 min
Delta R.T.: -0.007 min
Response: 70260171
Conc: 491.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



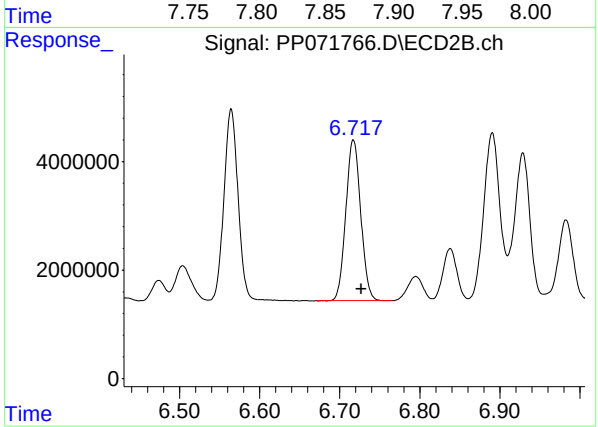
#32 AR-1260-2

R.T.: 6.564 min
Delta R.T.: -0.009 min
Response: 43905517
Conc: 502.00 ng/ml



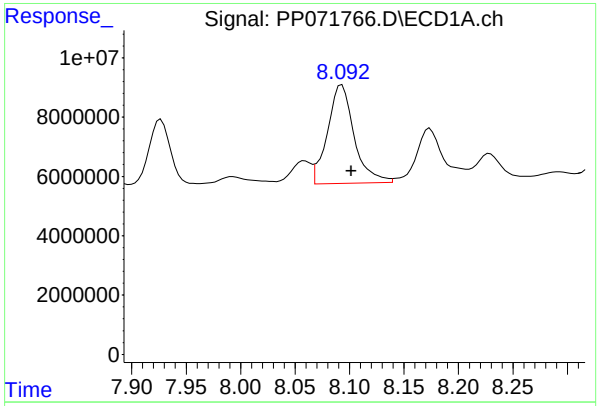
#33 AR-1260-3

R.T.: 7.869 min
Delta R.T.: -0.008 min
Response: 57129954
Conc: 509.62 ng/ml



#33 AR-1260-3

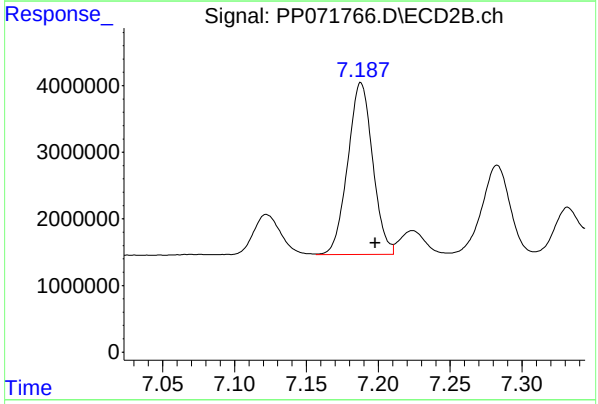
R.T.: 6.717 min
Delta R.T.: -0.010 min
Response: 38360375
Conc: 489.37 ng/ml



#34 AR-1260-4

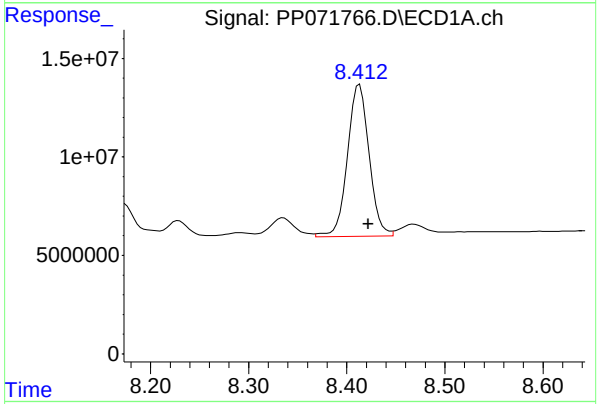
R.T.: 8.093 min
Delta R.T.: -0.009 mi
Response: 56431824
Conc: 499.99 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



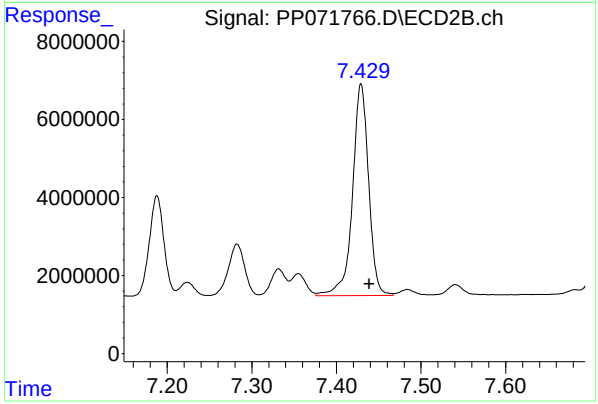
#34 AR-1260-4

R.T.: 7.188 min
Delta R.T.: -0.010 min
Response: 31117552
Conc: 493.06 ng/ml



#35 AR-1260-5

R.T.: 8.413 min
Delta R.T.: -0.009 min
Response: 118011366
Conc: 520.85 ng/ml



#35 AR-1260-5

R.T.: 7.429 min
Delta R.T.: -0.010 min
Response: 71772467
Conc: 476.02 ng/ml

Raw Data: **PP071781.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 16:54 **Initial Calibration Time(s):** 10:29 17:49

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)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.22	10.24	10.14	10.34	0.02

Raw Data: **PP071781.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 04/22/2025 04/22/2025

Continuing Calib Time: 16:54 **Initial Calibration Time(s):** 10:29 17:49

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	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.56	6.57	6.47	6.67	0.01
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.83	8.85	8.75	8.95	0.02

Raw Data: **PP071781.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL04 **Date Analyzed:** 05/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071781.D **Time Analyzed:** 16:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.665	5.571	5.771	516.250	500.000	3.3
Aroclor-1016-2	5.686	5.593	5.793	519.410	500.000	3.9
Aroclor-1016-3	5.748	5.654	5.854	517.560	500.000	3.5
Aroclor-1016-4	5.845	5.752	5.952	525.690	500.000	5.1
Aroclor-1016-5	6.138	6.045	6.245	514.100	500.000	2.8
Aroclor-1260-1	7.257	7.165	7.365	494.870	500.000	-1.0
Aroclor-1260-2	7.511	7.418	7.618	498.270	500.000	-0.3
Aroclor-1260-3	7.869	7.777	7.977	512.800	500.000	2.6
Aroclor-1260-4	8.093	8.002	8.202	493.240	500.000	-1.4
Aroclor-1260-5	8.412	8.322	8.522	518.950	500.000	3.8
Decachlorobiphenyl	10.224	10.137	10.337	53.190	50.000	6.4
Tetrachloro-m-xylene	4.511	4.417	4.617	51.380	50.000	2.8

Raw Data: **PP071781.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: SAXT01

Lab Code: CHEM **Case No.:** Q1938 **SAS No.:** Q1938 **SDG NO.:** Q1938

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/22/2025 04/22/2025

Client Sample No.: CCAL04 **Date Analyzed:** 05/05/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP071781.D **Time Analyzed:** 16:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.890	4.798	4.998	512.360	500.000	2.5
Aroclor-1016-2	4.909	4.816	5.016	520.640	500.000	4.1
Aroclor-1016-3	5.086	4.993	5.193	540.620	500.000	8.1
Aroclor-1016-4	5.127	5.036	5.236	545.370	500.000	9.1
Aroclor-1016-5	5.342	5.250	5.450	544.720	500.000	8.9
Aroclor-1260-1	6.376	6.285	6.485	540.930	500.000	8.2
Aroclor-1260-2	6.564	6.473	6.673	546.000	500.000	9.2
Aroclor-1260-3	6.716	6.627	6.827	549.500	500.000	9.9
Aroclor-1260-4	7.188	7.098	7.298	552.720	500.000	10.5
Aroclor-1260-5	7.429	7.339	7.539	547.720	500.000	9.5
Decachlorobiphenyl	8.834	8.749	8.949	54.930	50.000	9.9
Tetrachloro-m-xylene	3.807	3.712	3.912	53.670	50.000	7.3

Sample Results: **PP071781.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071781.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 16:54
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 02:29:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.511	3.807	101.9E6	75599651	51.381	53.669
2)	SA Decachlor...	10.224	8.834	77025537	48177051	53.194	54.931
	Target Compounds						
3)	L1 AR-1016-1	5.665	4.890	34614365	27428536	516.248	512.361m
4)	L1 AR-1016-2	5.686	4.909	53306240	39757998	519.411	520.640m
5)	L1 AR-1016-3	5.748	5.086	31906348	22819813	517.564	540.620
6)	L1 AR-1016-4	5.845	5.127	26966677	18807754	525.685	545.375
7)	L1 AR-1016-5	6.138	5.342	24799499	24211529	514.103	544.725
31)	L7 AR-1260-1	7.257	6.376	47520077	39108861	494.874	540.931
32)	L7 AR-1260-2	7.511	6.564	71290488	47753611	498.265	545.996
33)	L7 AR-1260-3	7.869	6.716	57487092	43074254	512.801	549.504
34)	L7 AR-1260-4	8.093	7.188	55669653	34882663	493.242	552.723
35)	L7 AR-1260-5	8.412	7.429	117.6E6	82583663	518.950	547.719

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

Sample Results: **PP071781.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071781.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 16:54
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

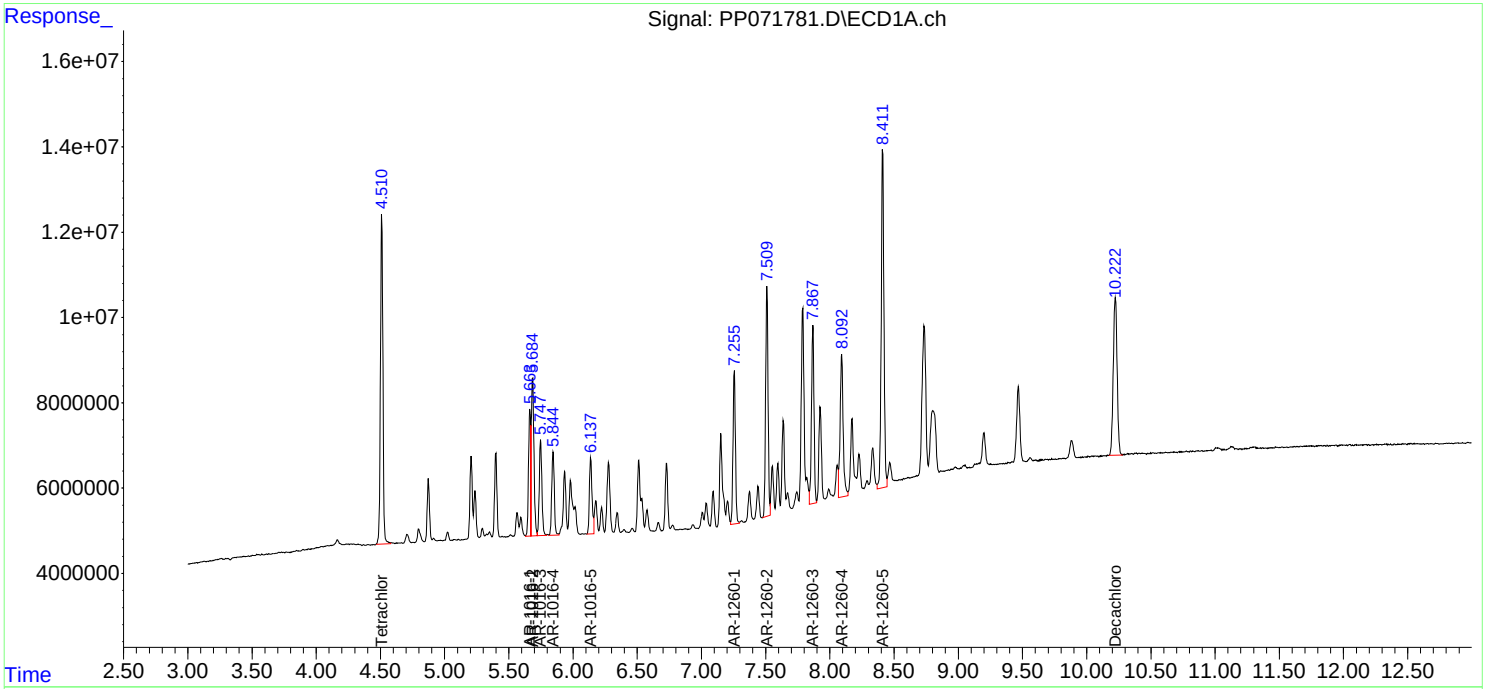
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

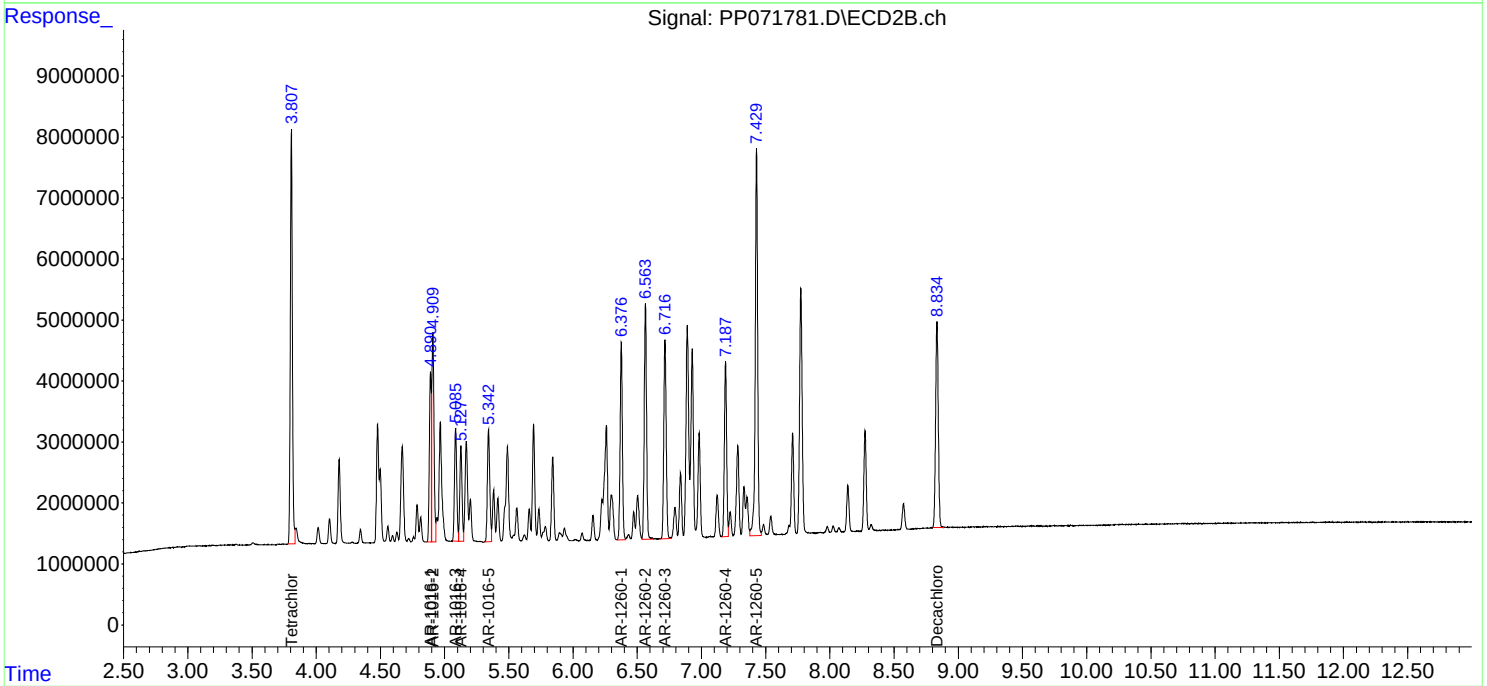
Manual Integrations APPROVED

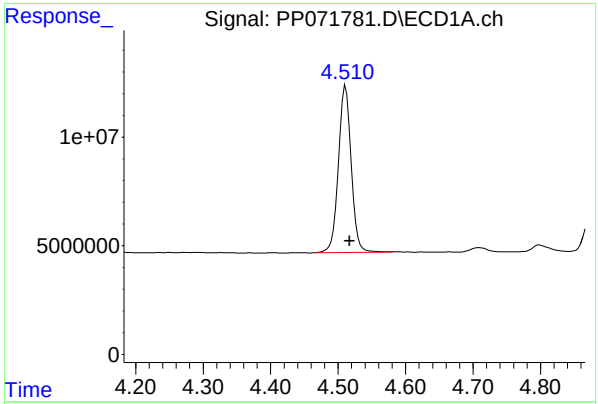
Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 02:29:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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







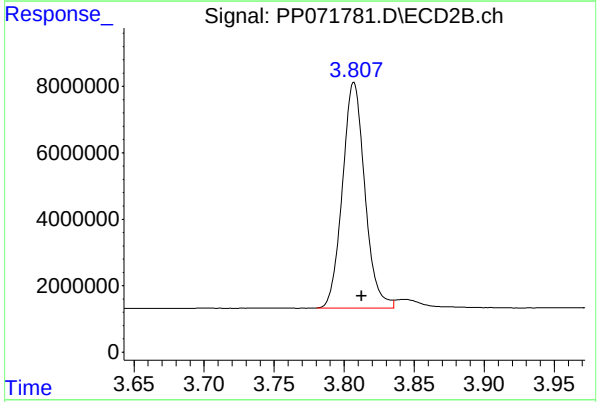
#1 Tetrachloro-m-xylene

R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 101869267
Conc: 51.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

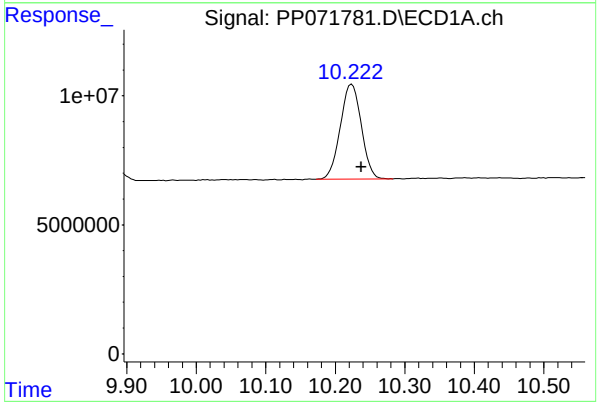
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



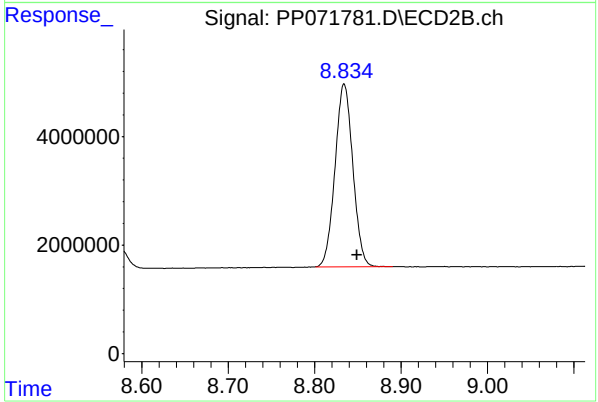
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: -0.005 min
Response: 75599651
Conc: 53.67 ng/ml



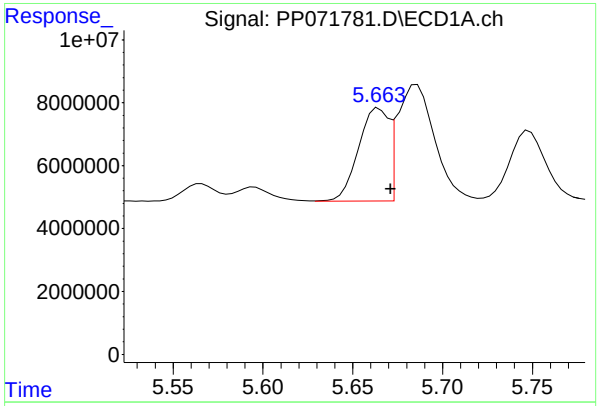
#2 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: -0.014 min
Response: 77025537
Conc: 53.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.834 min
Delta R.T.: -0.015 min
Response: 48177051
Conc: 54.93 ng/ml



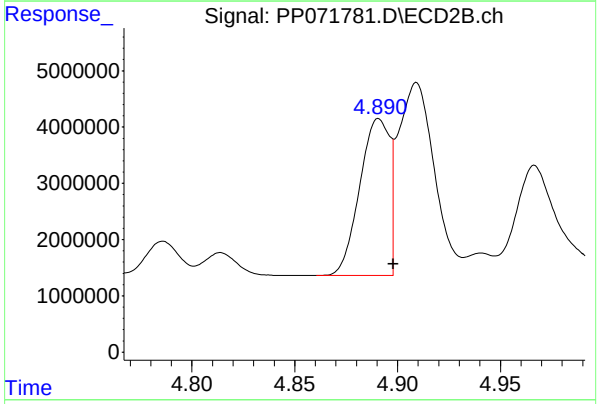
#3 AR-1016-1

R.T.: 5.665 min
Delta R.T.: -0.007 mi
Response: 34614365
Conc: 516.25 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

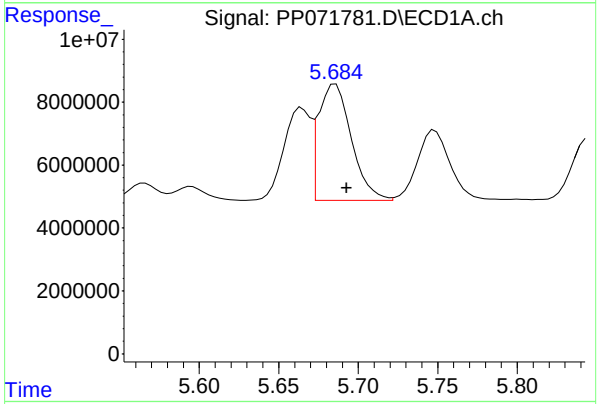
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



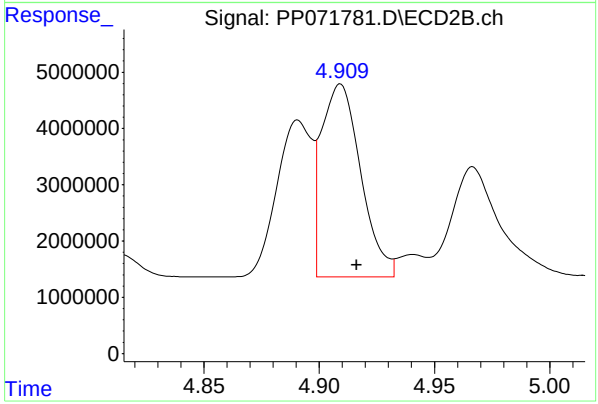
#3 AR-1016-1

R.T.: 4.890 min
Delta R.T.: -0.008 min
Response: 27428536
Conc: 512.36 ng/ml m



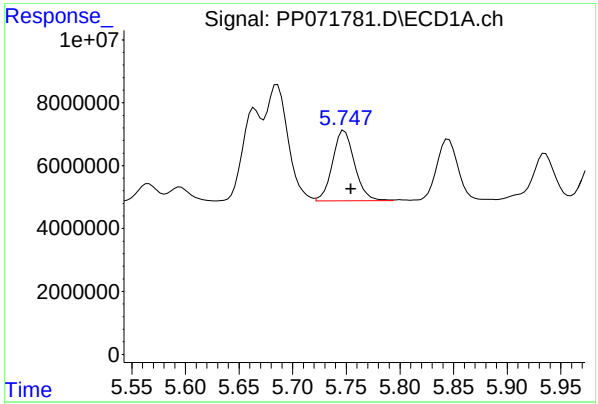
#4 AR-1016-2

R.T.: 5.686 min
Delta R.T.: -0.007 min
Response: 53306240
Conc: 519.41 ng/ml



#4 AR-1016-2

R.T.: 4.909 min
Delta R.T.: -0.008 min
Response: 39757998
Conc: 520.64 ng/ml m



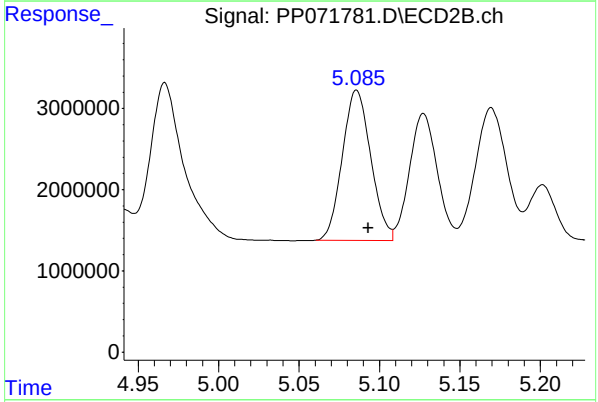
#5 AR-1016-3

R.T.: 5.748 min
Delta R.T.: -0.006 min
Response: 31906348
Conc: 517.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

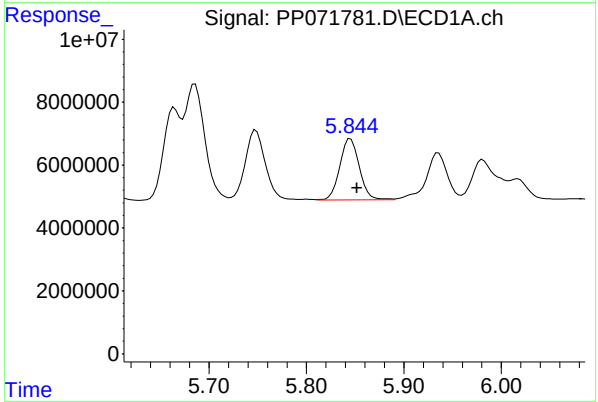
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



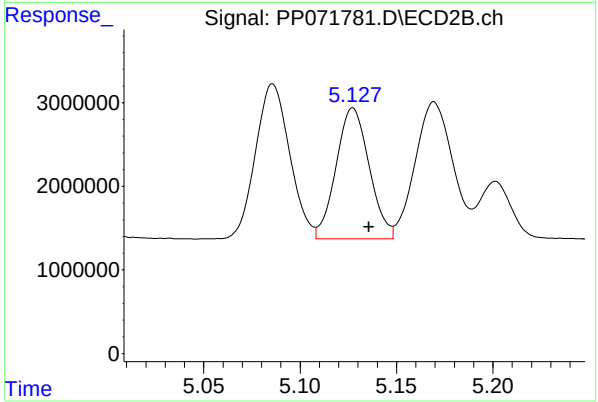
#5 AR-1016-3

R.T.: 5.086 min
Delta R.T.: -0.007 min
Response: 22819813
Conc: 540.62 ng/ml



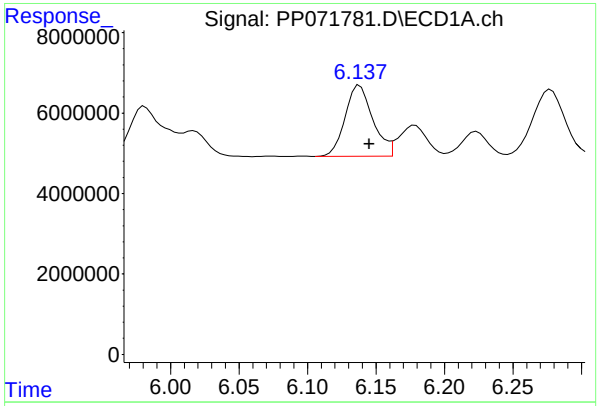
#6 AR-1016-4

R.T.: 5.845 min
Delta R.T.: -0.007 min
Response: 26966677
Conc: 525.69 ng/ml



#6 AR-1016-4

R.T.: 5.127 min
Delta R.T.: -0.008 min
Response: 18807754
Conc: 545.37 ng/ml



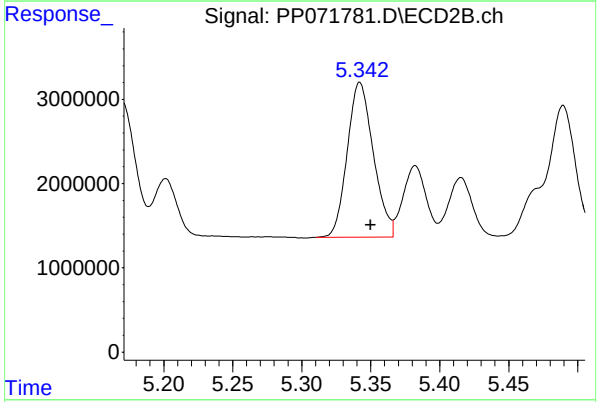
#7 AR-1016-5

R.T.: 6.138 min
Delta R.T.: -0.007 min
Response: 24799499
Conc: 514.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

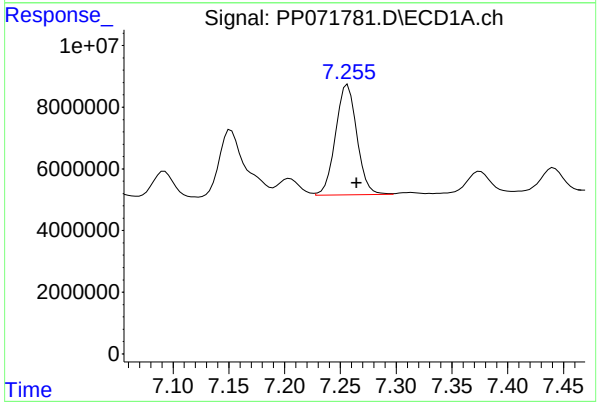
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



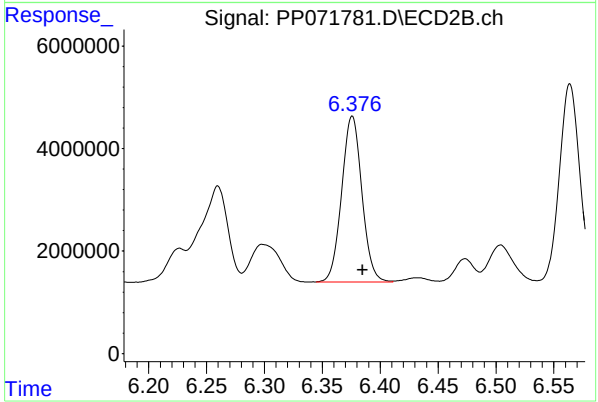
#7 AR-1016-5

R.T.: 5.342 min
Delta R.T.: -0.008 min
Response: 24211529
Conc: 544.72 ng/ml



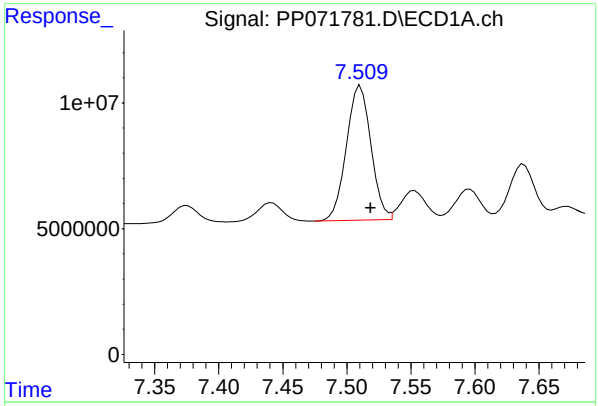
#31 AR-1260-1

R.T.: 7.257 min
Delta R.T.: -0.008 min
Response: 47520077
Conc: 494.87 ng/ml



#31 AR-1260-1

R.T.: 6.376 min
Delta R.T.: -0.009 min
Response: 39108861
Conc: 540.93 ng/ml



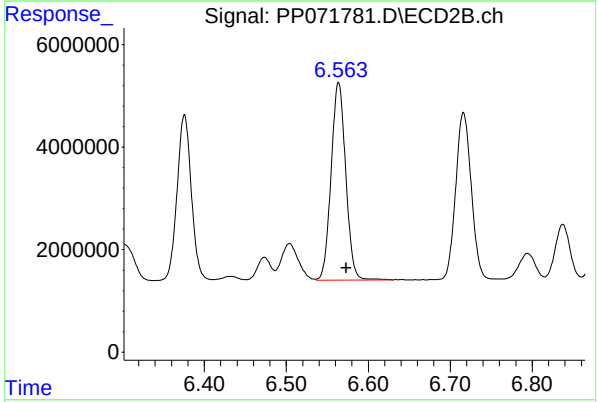
#32 AR-1260-2

R.T.: 7.511 min
Delta R.T.: -0.008 min
Response: 71290488
Conc: 498.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

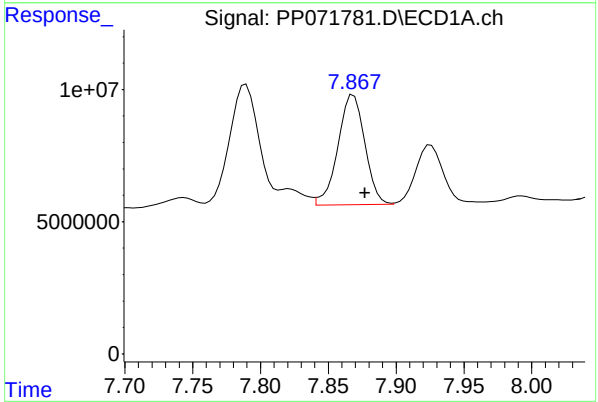
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



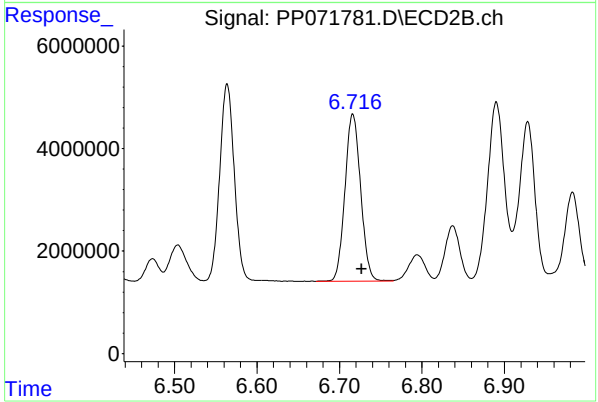
#32 AR-1260-2

R.T.: 6.564 min
Delta R.T.: -0.010 min
Response: 47753611
Conc: 546.00 ng/ml



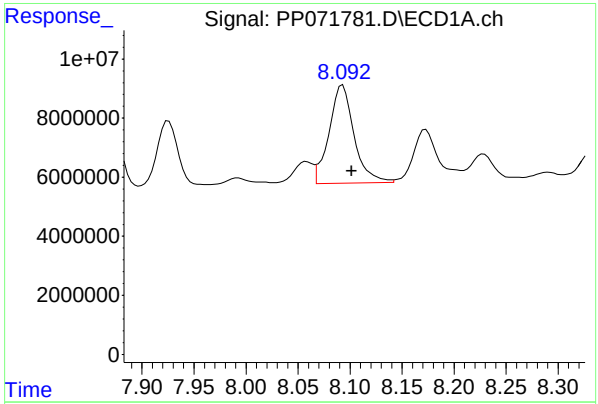
#33 AR-1260-3

R.T.: 7.869 min
Delta R.T.: -0.009 min
Response: 57487092
Conc: 512.80 ng/ml



#33 AR-1260-3

R.T.: 6.716 min
Delta R.T.: -0.011 min
Response: 43074254
Conc: 549.50 ng/ml



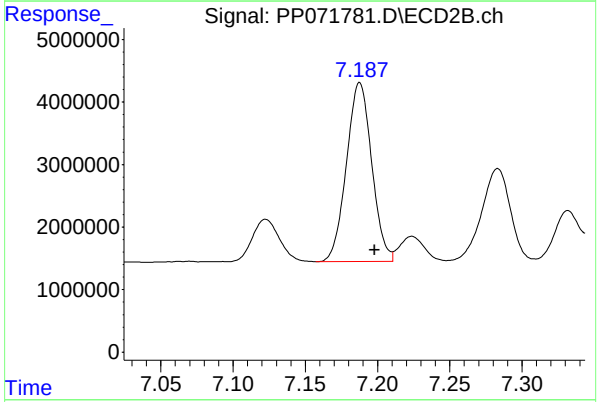
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.009 min
Response: 55669653
Conc: 493.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

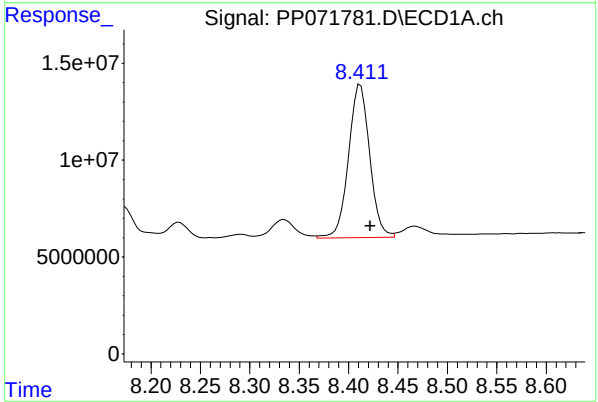
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



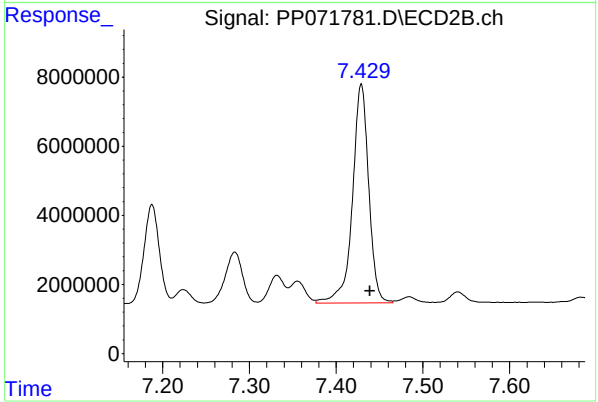
#34 AR-1260-4

R.T.: 7.188 min
Delta R.T.: -0.010 min
Response: 34882663
Conc: 552.72 ng/ml



#35 AR-1260-5

R.T.: 8.412 min
Delta R.T.: -0.010 min
Response: 117580134
Conc: 518.95 ng/ml



#35 AR-1260-5

R.T.: 7.429 min
Delta R.T.: -0.010 min
Response: 82583663
Conc: 547.72 ng/ml

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

Analytical Sequence

Client: Saxton Falls Sand and Gravel Co. Inc. **SDG No.:** Q1938

Project: Stan Hope **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 05/02/2025 05/02/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	05/02/2025	09:27	PO110891.D	8.73	3.69
AR1660ICC1000	AR1660ICC1000	05/02/2025	09:45	PO110892.D	8.73	3.69
AR1660ICC750	AR1660ICC750	05/02/2025	10:04	PO110893.D	8.73	3.69
AR1660ICC500	AR1660ICC500	05/02/2025	10:21	PO110894.D	8.73	3.68
AR1660ICC250	AR1660ICC250	05/02/2025	10:39	PO110895.D	8.73	3.69
AR1660ICC050	AR1660ICC050	05/02/2025	10:58	PO110896.D	8.73	3.68
AR1221ICC500	AR1221ICC500	05/02/2025	11:16	PO110897.D	8.73	3.69
AR1232ICC500	AR1232ICC500	05/02/2025	11:34	PO110898.D	8.73	3.69
AR1242ICC1000	AR1242ICC1000	05/02/2025	11:53	PO110899.D	8.73	3.69
AR1242ICC750	AR1242ICC750	05/02/2025	12:11	PO110900.D	8.73	3.69
AR1242ICC500	AR1242ICC500	05/02/2025	12:29	PO110901.D	8.73	3.69
AR1242ICC250	AR1242ICC250	05/02/2025	12:48	PO110902.D	8.73	3.69
AR1242ICC050	AR1242ICC050	05/02/2025	13:06	PO110903.D	8.73	3.69
AR1248ICC1000	AR1248ICC1000	05/02/2025	13:25	PO110904.D	8.73	3.69
AR1248ICC750	AR1248ICC750	05/02/2025	13:43	PO110905.D	8.73	3.69
AR1248ICC500	AR1248ICC500	05/02/2025	14:00	PO110906.D	8.73	3.68
AR1248ICC250	AR1248ICC250	05/02/2025	14:35	PO110907.D	8.73	3.68
AR1248ICC050	AR1248ICC050	05/02/2025	14:53	PO110908.D	8.73	3.68
AR1254ICC1000	AR1254ICC1000	05/02/2025	15:12	PO110909.D	8.73	3.69
AR1254ICC750	AR1254ICC750	05/02/2025	15:30	PO110910.D	8.73	3.69
AR1254ICC500	AR1254ICC500	05/02/2025	15:48	PO110911.D	8.73	3.68
AR1254ICC250	AR1254ICC250	05/02/2025	16:07	PO110912.D	8.73	3.68
AR1254ICC050	AR1254ICC050	05/02/2025	16:25	PO110913.D	8.73	3.68
AR1262ICC500	AR1262ICC500	05/02/2025	17:01	PO110914.D	8.73	3.68
AR1268ICC1000	AR1268ICC1000	05/02/2025	17:19	PO110915.D	8.73	3.69
AR1268ICC750	AR1268ICC750	05/02/2025	17:38	PO110916.D	8.73	3.68
AR1268ICC500	AR1268ICC500	05/02/2025	17:55	PO110917.D	8.73	3.68
AR1268ICC250	AR1268ICC250	05/02/2025	18:12	PO110918.D	8.73	3.68
AR1268ICC050	AR1268ICC050	05/02/2025	18:29	PO110919.D	8.73	3.68
AR1660CCC500	AR1660CCC500	05/05/2025	10:03	PO110926.D	8.74	3.69
I.BLK	I.BLK	05/05/2025	11:16	PO110930.D	8.73	3.69
PB167853BL	PB167853BL	05/05/2025	13:09	PO110931.D	8.73	3.68
PB167853BS	PB167853BS	05/05/2025	13:27	PO110932.D	8.73	3.68
SMALL-PILE-AMS	Q1936-01MS	05/05/2025	14:04	PO110934.D	8.73	3.68
SMALL-PILE-AMSD	Q1936-01MSD	05/05/2025	14:22	PO110935.D	8.73	3.68
AR1660CCC500	AR1660CCC500	05/05/2025	17:07	PO110941.D	8.73	3.68
I.BLK	I.BLK	05/05/2025	18:39	PO110945.D	8.72	3.68
I.BLK	I.BLK	04/22/2025	10:13	PP071388.D	10.23	4.51
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	10.23	4.51
AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	10.23	4.51
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	10.24	4.52
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	10.23	4.51

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Analytical Sequence

AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	10.24	4.52
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	10.23	4.51
AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	10.23	4.52
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	10.23	4.51
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	10.24	4.52
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	10.24	4.51
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	10.23	4.51
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	10.24	4.52
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	10.24	4.52
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	10.24	4.52
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	10.24	4.51
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	10.24	4.51
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	10.24	4.51
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	10.24	4.52
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	10.24	4.52
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	10.24	4.52
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	10.23	4.51
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	10.24	4.51
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	10.24	4.52
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	10.24	4.51
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	10.23	4.52
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	10.24	4.52
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	10.24	4.52
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	10.24	4.51
AR1660CCC500	AR1660CCC500	05/05/2025	10:06	PP071766.D	10.22	4.51
I.BLK	I.BLK	05/05/2025	11:12	PP071770.D	10.22	4.51
LOWER-WALL-PILE-A	Q1938-01	05/05/2025	14:10	PP071775.D	10.22	4.51
LOWER-WALL-PILE-B	Q1938-03	05/05/2025	14:26	PP071776.D	10.22	4.51
LOWER-WALL-PILE-C	Q1938-05	05/05/2025	14:43	PP071777.D	10.23	4.51
LOWER-WALL-PILE-D	Q1938-07	05/05/2025	14:59	PP071778.D	10.22	4.51
AR1660CCC500	AR1660CCC500	05/05/2025	16:54	PP071781.D	10.22	4.51
I.BLK	I.BLK	05/05/2025	18:15	PP071785.D	10.22	4.51

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Analytical Sequence

Client: Saxton Falls Sand and Gravel Co. Inc. **SDG No.:** Q1938

Project: Stan Hope **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 05/02/2025 05/02/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	05/02/2025	09:27	PO110891.D	8.68	3.68
AR1660ICC1000	AR1660ICC1000	05/02/2025	09:45	PO110892.D	8.68	3.68
AR1660ICC750	AR1660ICC750	05/02/2025	10:04	PO110893.D	8.68	3.68
AR1660ICC500	AR1660ICC500	05/02/2025	10:21	PO110894.D	8.68	3.68
AR1660ICC250	AR1660ICC250	05/02/2025	10:39	PO110895.D	8.68	3.68
AR1660ICC050	AR1660ICC050	05/02/2025	10:58	PO110896.D	8.68	3.68
AR1221ICC500	AR1221ICC500	05/02/2025	11:16	PO110897.D	8.68	3.68
AR1232ICC500	AR1232ICC500	05/02/2025	11:34	PO110898.D	8.68	3.68
AR1242ICC1000	AR1242ICC1000	05/02/2025	11:53	PO110899.D	8.68	3.68
AR1242ICC750	AR1242ICC750	05/02/2025	12:11	PO110900.D	8.68	3.68
AR1242ICC500	AR1242ICC500	05/02/2025	12:29	PO110901.D	8.68	3.68
AR1242ICC250	AR1242ICC250	05/02/2025	12:48	PO110902.D	8.68	3.68
AR1242ICC050	AR1242ICC050	05/02/2025	13:06	PO110903.D	8.68	3.68
AR1248ICC1000	AR1248ICC1000	05/02/2025	13:25	PO110904.D	8.68	3.68
AR1248ICC750	AR1248ICC750	05/02/2025	13:43	PO110905.D	8.68	3.68
AR1248ICC500	AR1248ICC500	05/02/2025	14:00	PO110906.D	8.68	3.68
AR1248ICC250	AR1248ICC250	05/02/2025	14:35	PO110907.D	8.68	3.68
AR1248ICC050	AR1248ICC050	05/02/2025	14:53	PO110908.D	8.68	3.68
AR1254ICC1000	AR1254ICC1000	05/02/2025	15:12	PO110909.D	8.68	3.68
AR1254ICC750	AR1254ICC750	05/02/2025	15:30	PO110910.D	8.68	3.68
AR1254ICC500	AR1254ICC500	05/02/2025	15:48	PO110911.D	8.68	3.68
AR1254ICC250	AR1254ICC250	05/02/2025	16:07	PO110912.D	8.68	3.68
AR1254ICC050	AR1254ICC050	05/02/2025	16:25	PO110913.D	8.68	3.68
AR1262ICC500	AR1262ICC500	05/02/2025	17:01	PO110914.D	8.68	3.68
AR1268ICC1000	AR1268ICC1000	05/02/2025	17:19	PO110915.D	8.68	3.68
AR1268ICC750	AR1268ICC750	05/02/2025	17:38	PO110916.D	8.68	3.68
AR1268ICC500	AR1268ICC500	05/02/2025	17:55	PO110917.D	8.68	3.68
AR1268ICC250	AR1268ICC250	05/02/2025	18:12	PO110918.D	8.68	3.68
AR1268ICC050	AR1268ICC050	05/02/2025	18:29	PO110919.D	8.68	3.68
AR1660CCC500	AR1660CCC500	05/05/2025	10:03	PO110926.D	8.68	3.68
I.BLK	I.BLK	05/05/2025	11:16	PO110930.D	8.67	3.68
PB167853BL	PB167853BL	05/05/2025	13:09	PO110931.D	8.67	3.68
PB167853BS	PB167853BS	05/05/2025	13:27	PO110932.D	8.67	3.68
SMALL-PILE-AMS	Q1936-01MS	05/05/2025	14:04	PO110934.D	8.67	3.68
SMALL-PILE-AMSD	Q1936-01MSD	05/05/2025	14:22	PO110935.D	8.67	3.68
AR1660CCC500	AR1660CCC500	05/05/2025	17:07	PO110941.D	8.68	3.68
I.BLK	I.BLK	05/05/2025	18:39	PO110945.D	8.67	3.68
I.BLK	I.BLK	04/22/2025	10:13	PP071388.D	8.85	3.81
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	8.85	3.81
AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	8.85	3.81
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	8.85	3.81
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	8.85	3.81

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Analytical Sequence

AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	8.85	3.81
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	8.85	3.81
AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	8.85	3.81
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	8.85	3.81
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	8.85	3.81
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	8.85	3.81
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	8.85	3.81
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	8.85	3.81
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	8.85	3.81
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	8.85	3.81
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	8.85	3.81
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	8.85	3.81
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	8.85	3.81
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	8.85	3.81
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	8.85	3.81
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	8.85	3.81
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	8.85	3.81
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	8.85	3.81
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	8.85	3.81
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	8.85	3.81
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	8.85	3.81
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	8.85	3.81
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	8.85	3.81
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	8.85	3.81
AR1660CCC500	AR1660CCC500	05/05/2025	10:06	PP071766.D	8.84	3.81
I.BLK	I.BLK	05/05/2025	11:12	PP071770.D	8.84	3.81
LOWER-WALL-PILE-A	Q1938-01	05/05/2025	14:10	PP071775.D	8.84	3.81
LOWER-WALL-PILE-B	Q1938-03	05/05/2025	14:26	PP071776.D	8.83	3.81
LOWER-WALL-PILE-C	Q1938-05	05/05/2025	14:43	PP071777.D	8.84	3.81
LOWER-WALL-PILE-D	Q1938-07	05/05/2025	14:59	PP071778.D	8.84	3.81
AR1660CCC500	AR1660CCC500	05/05/2025	16:54	PP071781.D	8.83	3.81
I.BLK	I.BLK	05/05/2025	18:15	PP071785.D	8.83	3.81

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167853BS

Contract: SAXT01

Lab Code: CHEM Case No.: Q1938 SAS No.: Q1938 SDG NO.: Q1938

Lab Sample ID: PB167853BS Date(s) Analyzed: 05/05/2025 05/05/2025

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 PO110932.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.774	4.724	4.824	138		
	2	4.793	4.743	4.843	142		
	3	4.85	4.8	4.9	131		
COLUMN 1	4	4.97	4.92	5.02	139		
	5	5.227	5.177	5.277	132	136	
	1	4.759	4.709	4.809	149		
	2	4.777	4.727	4.827	150		
	3	4.953	4.903	5.003	149		
	4	4.995	4.945	5.045	148		
COLUMN 2	5	5.208	5.158	5.258	143	148	8.45
Aroclor-1260	1	6.267	6.217	6.317	140		
	2	6.456	6.406	6.506	140		
	3	6.822	6.772	6.872	124		
COLUMN 1	4	7.083	7.033	7.133	127		
	5	7.325	7.275	7.375	129	132	
	1	6.239	6.189	6.289	152		
	2	6.426	6.376	6.476	150		
	3	6.578	6.528	6.628	156		
	4	7.049	6.999	7.099	134		
COLUMN 2	5	7.29	7.24	7.34	136	146	10.07

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
SMALL-PILE-AMS

Contract: SAXT01

Lab Code: CHEM Case No.: Q1938 SAS No.: Q1938 SDG NO.: Q1938

Lab Sample ID: Q1936-01MS Date(s) Analyzed: 05/05/2025 05/05/2025

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 PO110934.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.774	4.724	4.824	158		
	2	4.793	4.743	4.843	167		
	3	4.85	4.8	4.9	151		
COLUMN 1	4	4.97	4.92	5.02	162		
	5	5.227	5.177	5.277	155	159	
	1	4.759	4.709	4.809	176		
	2	4.778	4.728	4.828	179		
	3	4.953	4.903	5.003	178		
	4	4.995	4.945	5.045	176		
COLUMN 2	5	5.208	5.158	5.258	172	176	10.15
Aroclor-1260	1	6.267	6.217	6.317	156		
	2	6.456	6.406	6.506	155		
	3	6.823	6.773	6.873	140		
COLUMN 1	4	7.083	7.033	7.133	140		
	5	7.325	7.275	7.375	142	147	
	1	6.239	6.189	6.289	174		
	2	6.427	6.377	6.477	172		
	3	6.579	6.529	6.629	177		
	4	7.05	7	7.1	152		
COLUMN 2	5	7.291	7.241	7.341	152	165	11.54

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
SMALL-PILE-AMSD

Contract: SAXT01

Lab Code: CHEM Case No.: Q1938 SAS No.: Q1938 SDG NO.: Q1938

Lab Sample ID: Q1936-01MSD Date(s) Analyzed: 05/05/2025 05/05/2025

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 PO110935.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.774	4.724	4.824	155		
	2	4.793	4.743	4.843	162		
	3	4.85	4.8	4.9	149		
COLUMN 1	4	4.97	4.92	5.02	158		
	5	5.227	5.177	5.277	153	156	
	1	4.759	4.709	4.809	175		
	2	4.778	4.728	4.828	176		
	3	4.953	4.903	5.003	175		
	4	4.995	4.945	5.045	173		
COLUMN 2	5	5.208	5.158	5.258	169	174	10.91
Aroclor-1260	1	6.267	6.217	6.317	158		
	2	6.456	6.406	6.506	156		
	3	6.823	6.773	6.873	133		
COLUMN 1	4	7.083	7.033	7.133	138		
	5	7.326	7.276	7.376	141	145	
	1	6.239	6.189	6.289	172		
	2	6.426	6.376	6.476	169		
	3	6.579	6.529	6.629	175		
	4	7.049	6.999	7.099	150		
COLUMN 2	5	7.29	7.24	7.34	153	164	12.3

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

LOWER-WALL-PILE-A

Contract: SAXT01

Lab Code: CHEM Case No.: Q1938 SAS No.: Q1938 SDG NO.: Q1938

Lab Sample ID: Q1938-01 Date(s) Analyzed: 05/05/2025 05/05/2025

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 PP071775.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.503	6.453	6.553	19.3		
	2	6.726	6.676	6.776	6.25		
	3	7.091	7.041	7.141	7.84		
COLUMN 1	4	7.37	7.32	7.42	7.22		
	5	7.789	7.739	7.839	17.2	11.6	
	1	5.695	5.645	5.745	5.88		
	2	5.843	5.793	5.893	8.26		
	3	6.246	6.196	6.296	12.0		
	4	6.473	6.423	6.523	7.89		
COLUMN 2	5	6.89	6.84	6.94	19.3	10.7	8.07

QC SAMPLE DATA

Raw Data: **PO110931.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	
Project:	Stan Hope	Date Received:	
Client Sample ID:	PB167853BL	SDG No.:	Q1938
Lab Sample ID:	PB167853BL	Matrix:	SOIL
Analytical Method:	SW8082A	% 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
PO110931.D	1	05/05/25 08:35	05/05/25 13:09	PB167853

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	18.3		30 (32) - 150 (144)	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		30 (32) - 150 (175)	103%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO110931.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 13:09
Operator : YP/AJ
Sample : PB167853BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167853BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 15:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.684	3.679	104.6E6	88201209	18.283	18.212
2)	SA Decachlor...	8.726	8.674	114.9E6	34849018	18.829	20.654
	Target Compounds						

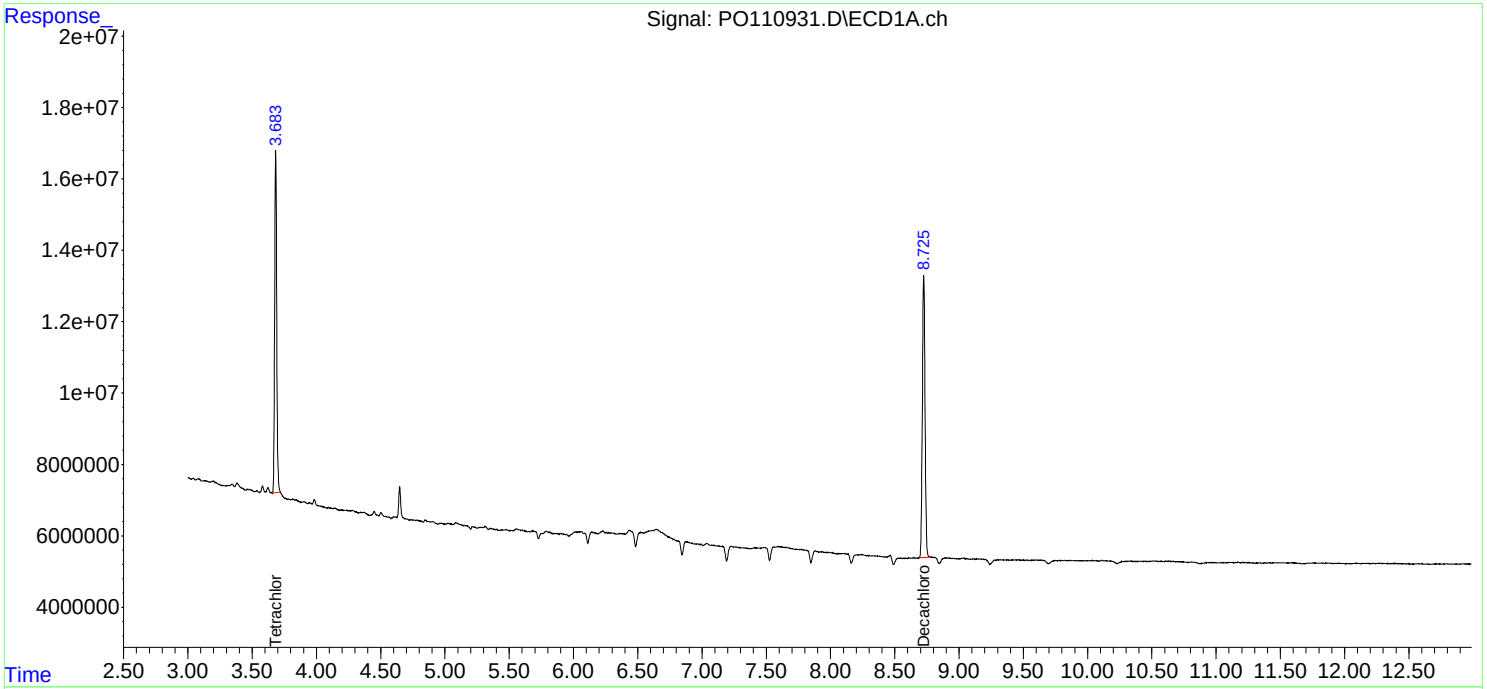
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

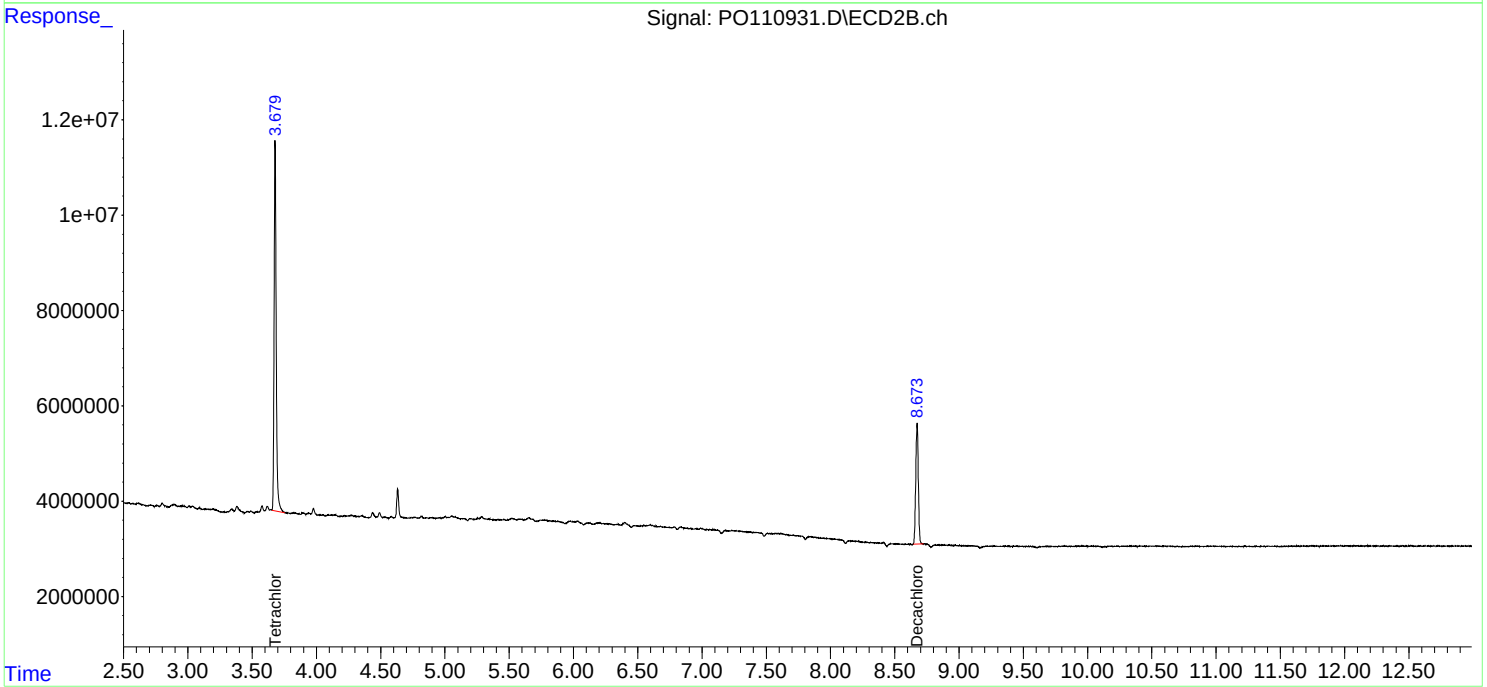
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 13:09
Operator : YP/AJ
Sample : PB167853BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

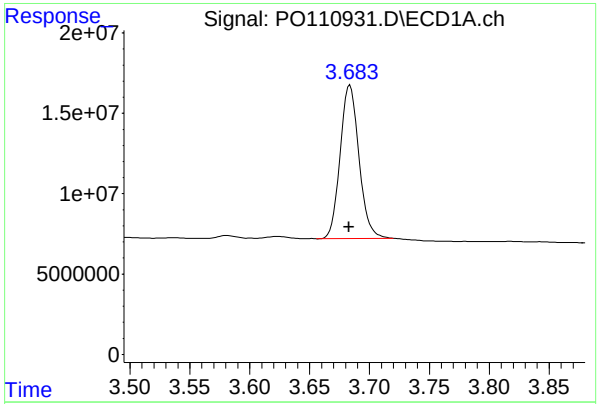
Instrument :
ECD_O
ClientSampleId :
PB167853BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 15:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



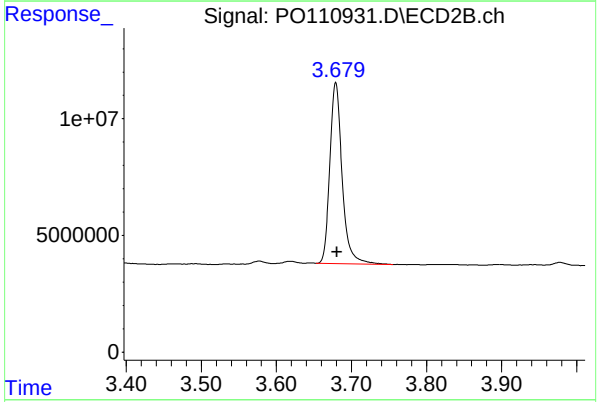




#1 Tetrachloro-m-xylene

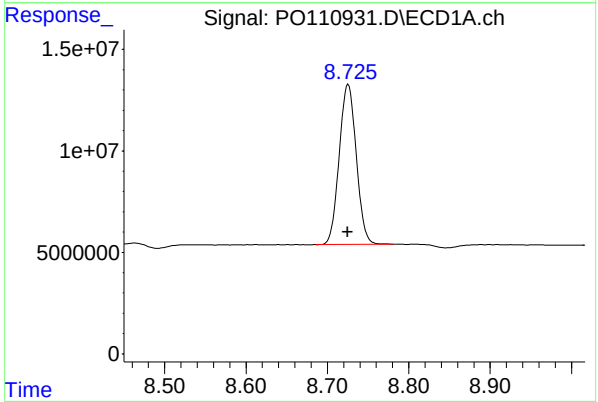
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 104591435
Conc: 18.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167853BL



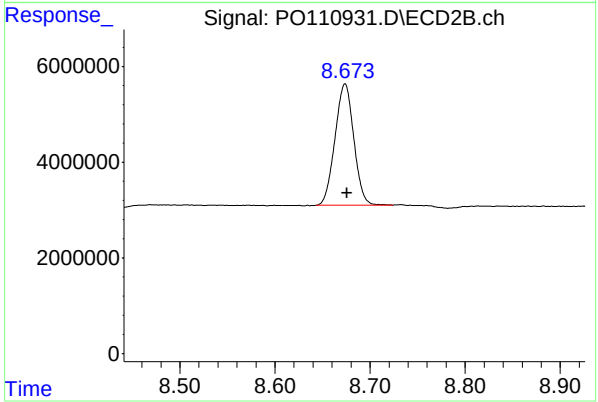
#1 Tetrachloro-m-xylene

R.T.: 3.679 min
Delta R.T.: -0.001 min
Response: 88201209
Conc: 18.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 114902142
Conc: 18.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.674 min
Delta R.T.: -0.002 min
Response: 34849018
Conc: 20.65 ng/ml

Raw Data: **PO110891.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/02/25
Project:	Stan Hope	Date Received:	05/02/25
Client Sample ID:	PIBLK-PO110891.D	SDG No.:	Q1938
Lab Sample ID:	I.BLK-PO110891.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PO110891.D	1		05/02/25	PO050225

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	15.2		70 (60) - 130 (140)	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		70 (60) - 130 (140)	90%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO110891.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 09:27
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: May 02 18:58:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:55:21 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...	3.686	3.682	92271727	73512929	16.129	15.179
2)	SA Decachlor...	8.728	8.677	110.5E6	30487090	18.111	18.069
	Target Compounds						

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

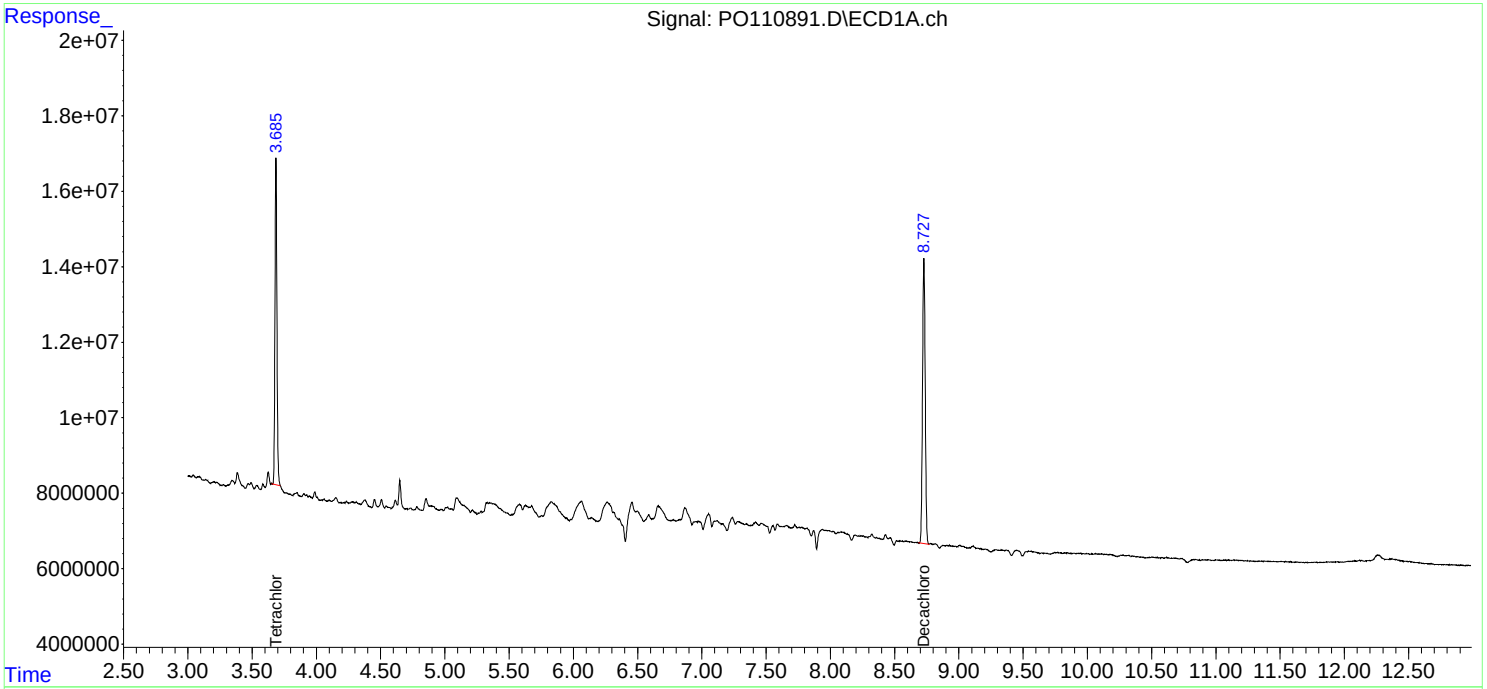
Sample Results: **PO110891.D**

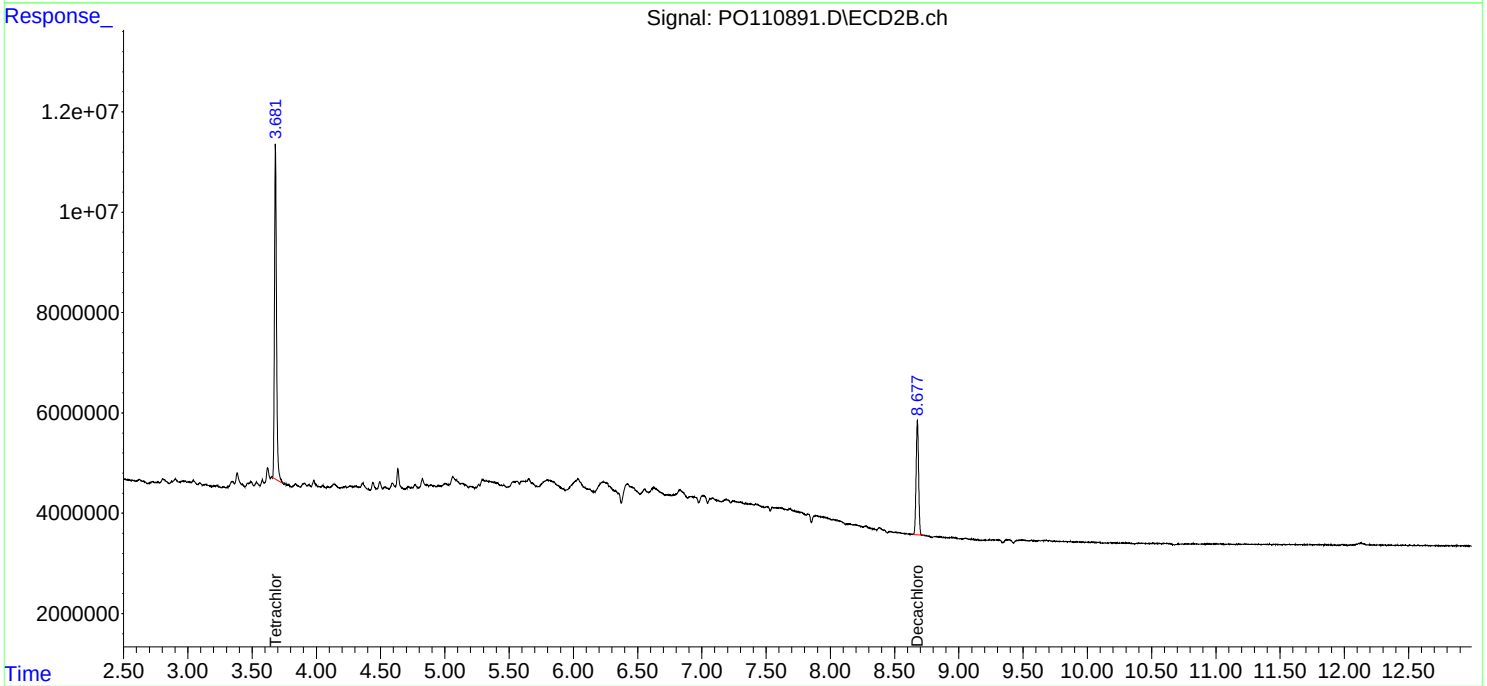
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050225\
Data File : PO110891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 09:27
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

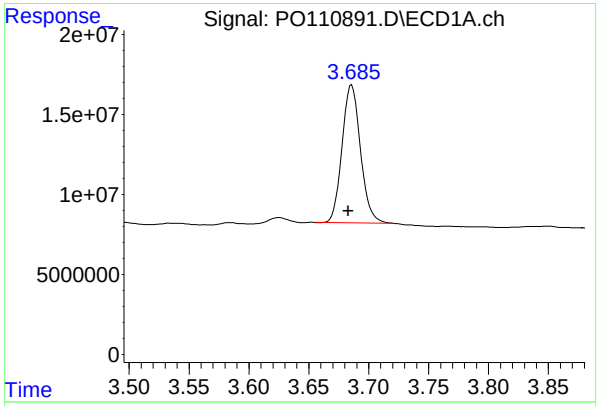
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 18:58:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 18:55:21 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



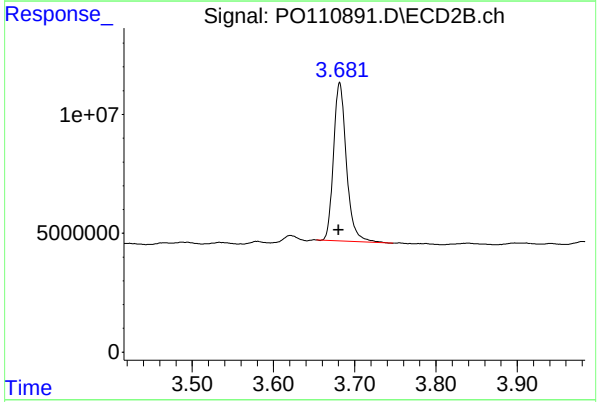




#1 Tetrachloro-m-xylene

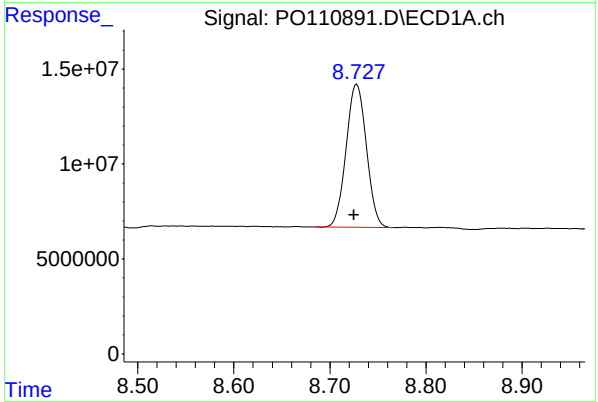
R.T.: 3.686 min
Delta R.T.: 0.003 min
Response: 92271727
Conc: 16.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



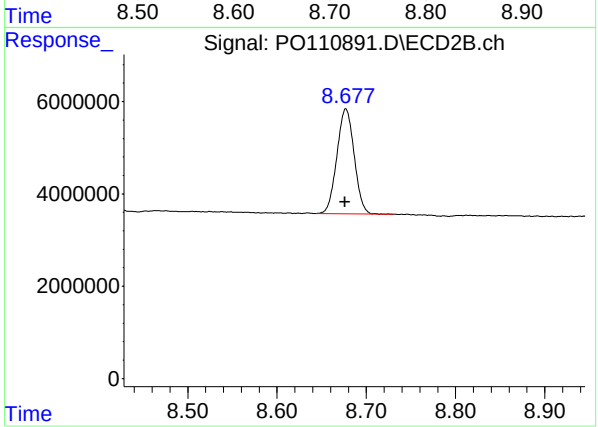
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: 0.001 min
Response: 73512929
Conc: 15.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: 0.003 min
Response: 110520981
Conc: 18.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.677 min
Delta R.T.: 0.001 min
Response: 30487090
Conc: 18.07 ng/ml

Raw Data: **PO110930.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/05/25
Project:	Stan Hope	Date Received:	05/05/25
Client Sample ID:	PIBLK-PO110930.D	SDG No.:	Q1938
Lab Sample ID:	I.BLK-PO110930.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PO110930.D	1		05/05/25	PO050525

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	14.9		70 (60) - 130 (140)	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		70 (60) - 130 (140)	81%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO110930.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 11:16
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: May 05 13:22:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.685	3.680	85284617	75198815	14.908	15.527
2)	SA Decachlor...	8.725	8.674	98576921	30326978	16.154	17.974
	Target Compounds						

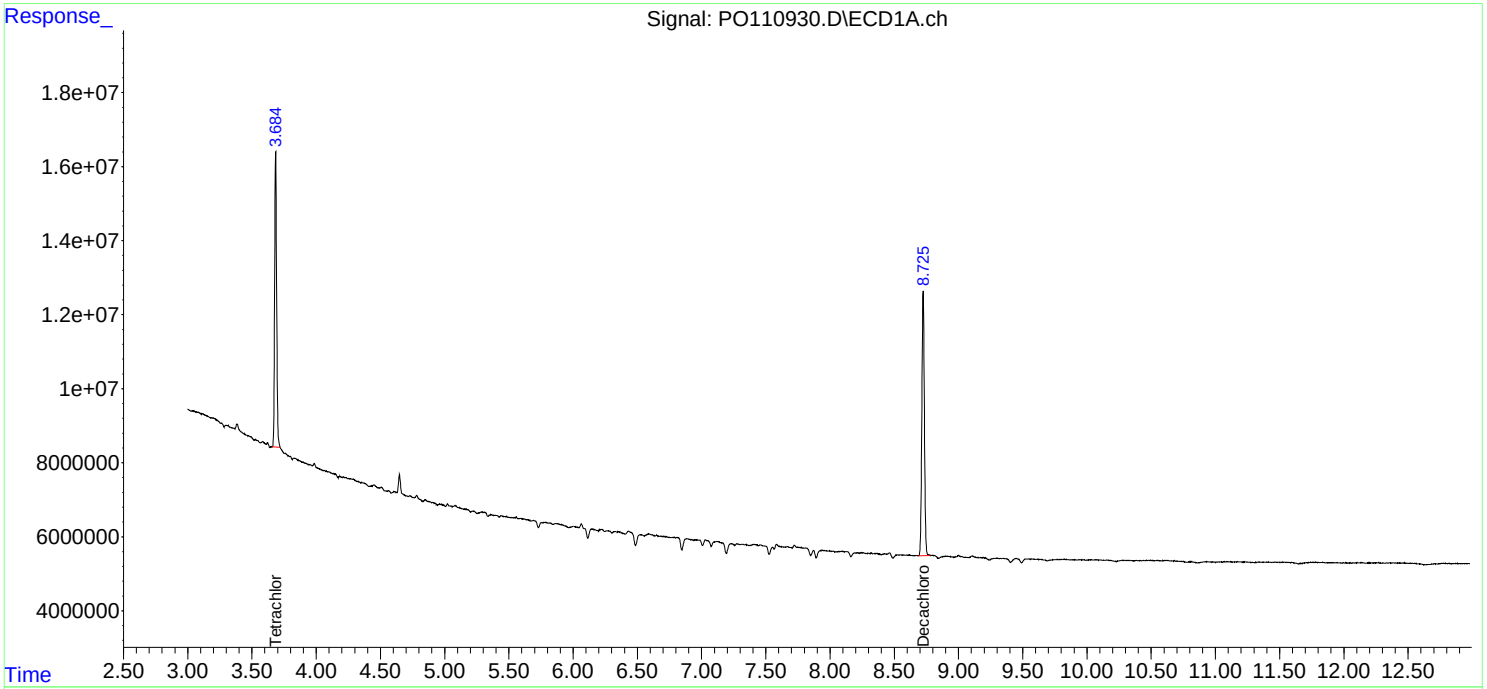
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

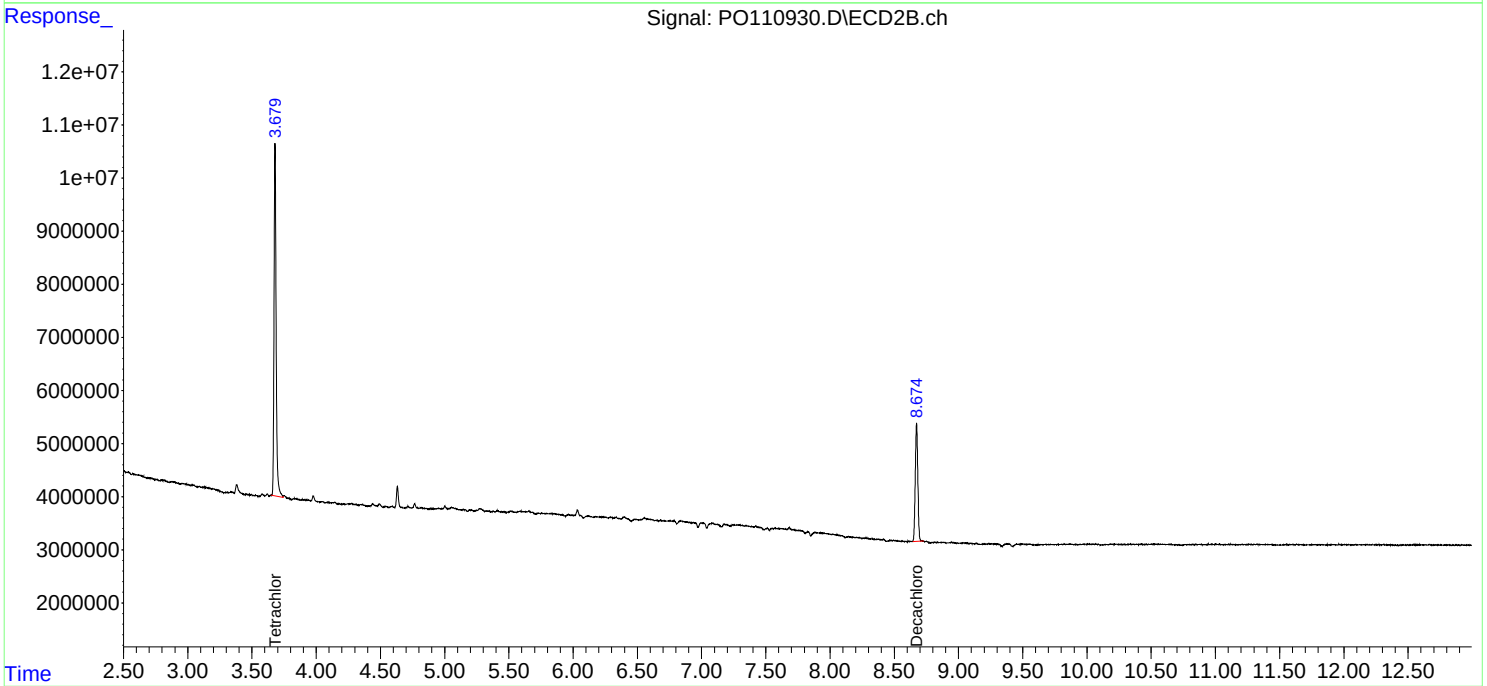
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 11:16
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

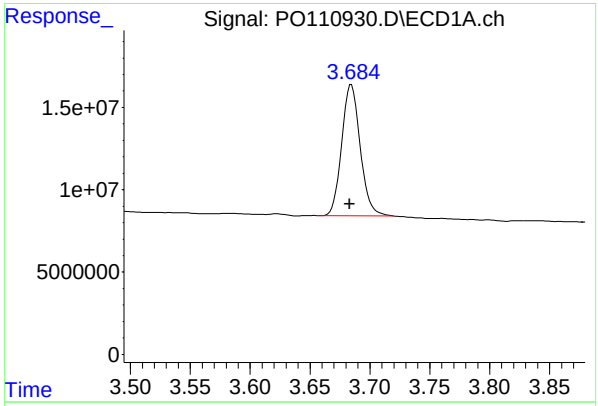
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 13:22:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



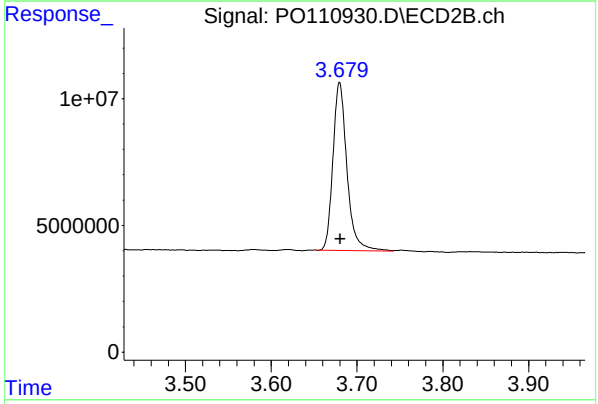




#1 Tetrachloro-m-xylene

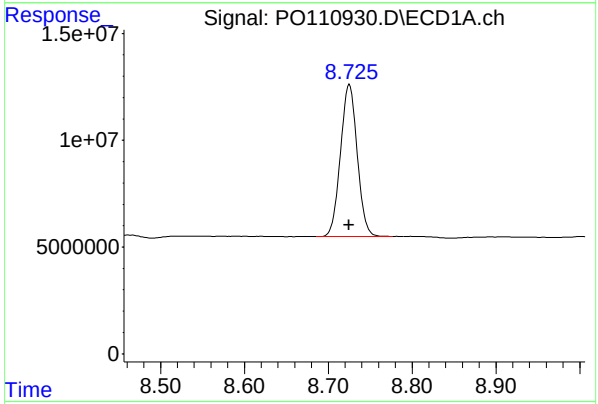
R.T.: 3.685 min
Delta R.T.: 0.002 min
Response: 85284617
Conc: 14.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



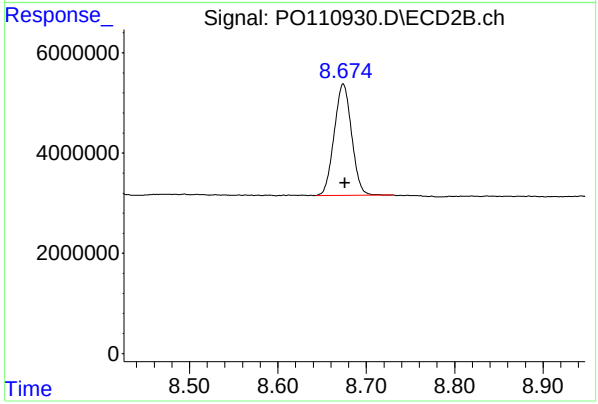
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 75198815
Conc: 15.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 98576921
Conc: 16.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.674 min
Delta R.T.: -0.002 min
Response: 30326978
Conc: 17.97 ng/ml

Raw Data: **PO110945.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/05/25
Project:	Stan Hope	Date Received:	05/05/25
Client Sample ID:	PIBLK-PO110945.D	SDG No.:	Q1938
Lab Sample ID:	I.BLK-PO110945.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PO110945.D	1		05/05/25	PO050525

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	15.4		70 (60) - 130 (140)	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		70 (60) - 130 (140)	77%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO110945.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 18:39
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: May 06 05:21:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.684	3.679	87992926	78396164	15.381	16.187
2)	SA Decachlor...	8.724	8.673	93994205	30291549	15.403	17.953
	Target Compounds						

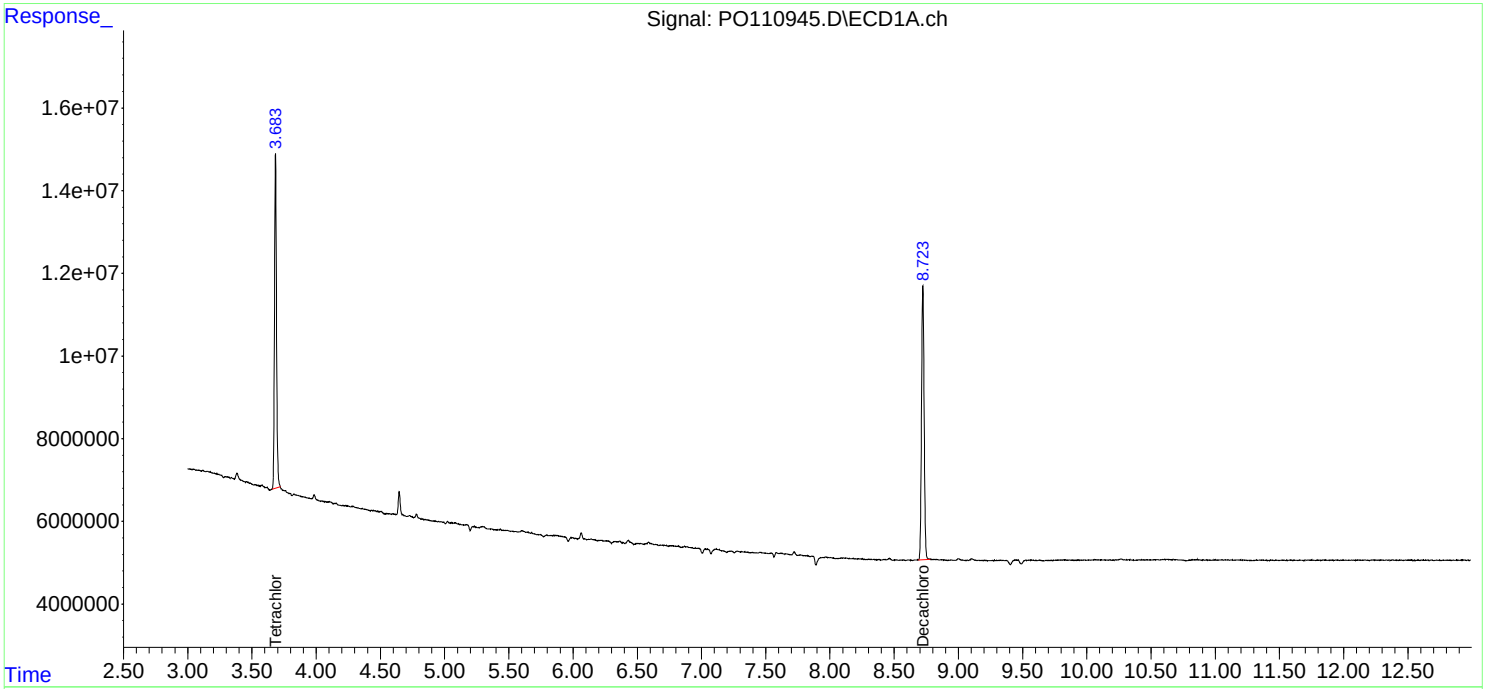
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

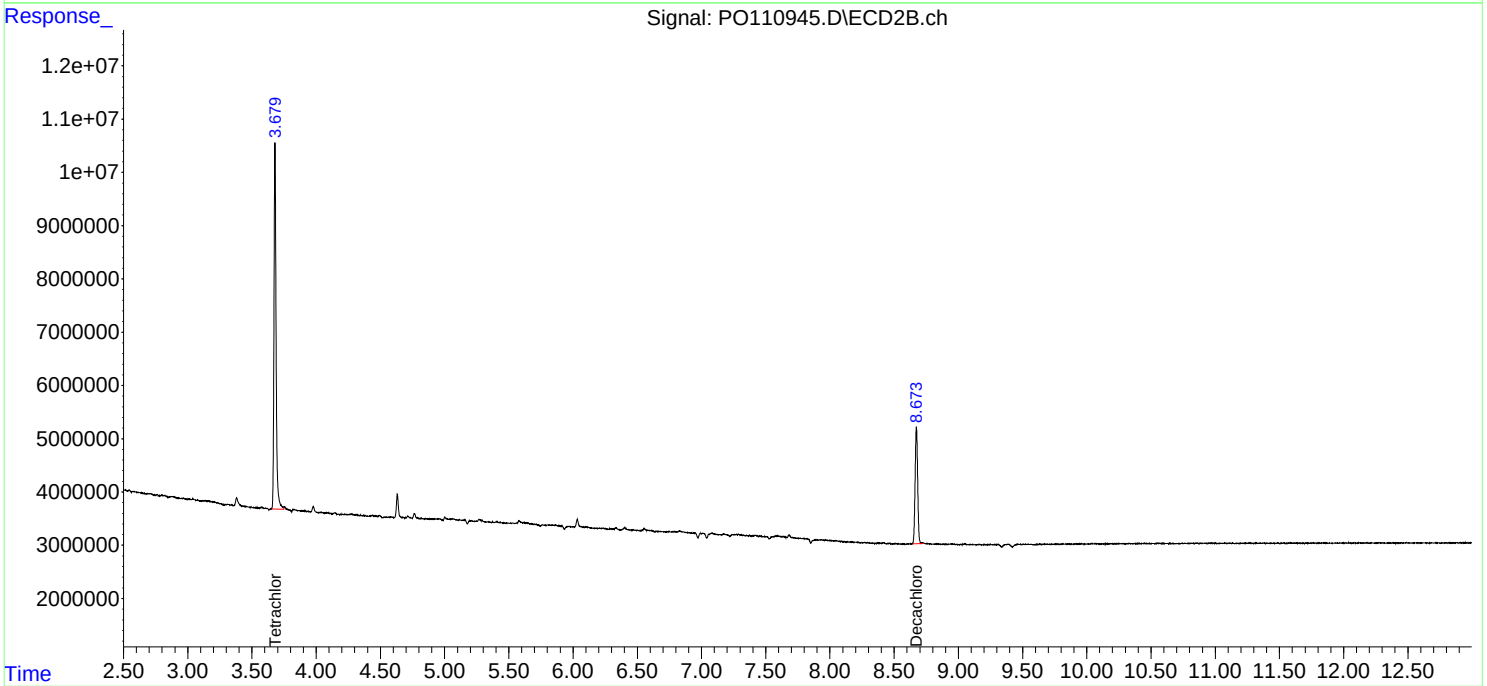
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 18:39
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

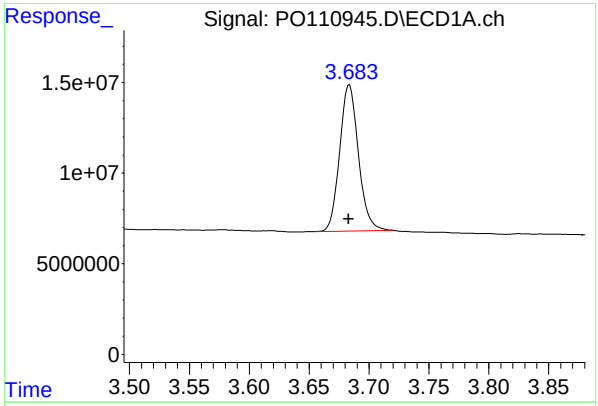
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 05:21:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



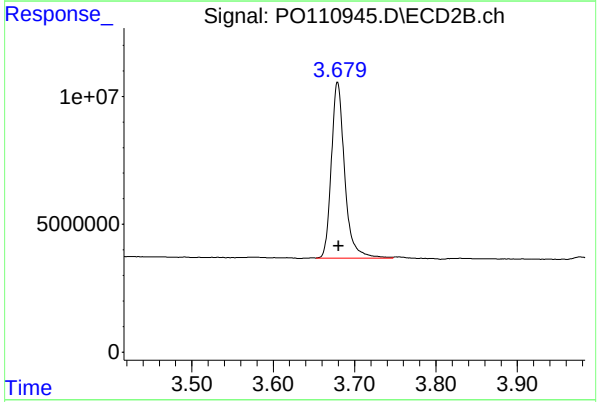




#1 Tetrachloro-m-xylene

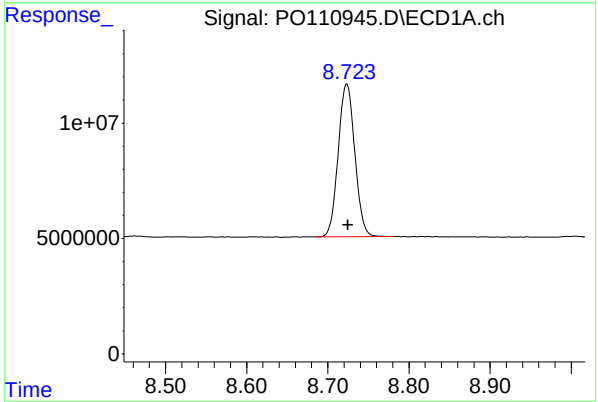
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 87992926
Conc: 15.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



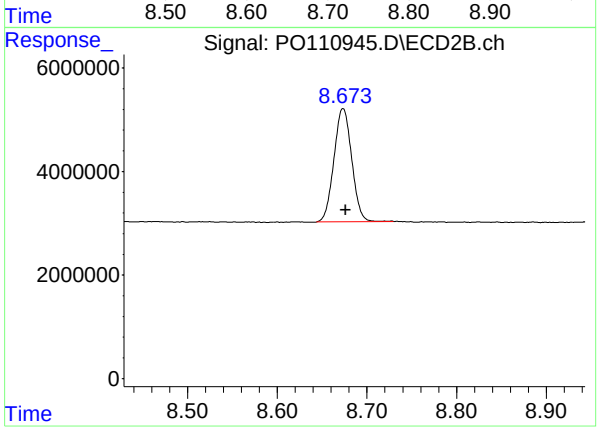
#1 Tetrachloro-m-xylene

R.T.: 3.679 min
Delta R.T.: -0.001 min
Response: 78396164
Conc: 16.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.724 min
Delta R.T.: -0.001 min
Response: 93994205
Conc: 15.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.673 min
Delta R.T.: -0.003 min
Response: 30291549
Conc: 17.95 ng/ml

Raw Data: **PP071388.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	04/22/25
Project:	Stan Hope	Date Received:	04/22/25
Client Sample ID:	PIBLK-PP071388.D	SDG No.:	Q1938
Lab Sample ID:	I.BLK-PP071388.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP071388.D	1		04/22/25	PP042225

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	17.1		70 (60) - 130 (140)	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		70 (60) - 130 (140)	88%	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

Quantitation Report (QT Reviewed)

Sample Results: **PP071388.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:13
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: Apr 22 19:33:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 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...	4.512	3.811	33865777	24238749	17.081	17.207
2)	SA Decachlor...	10.233	8.847	25533987	15462668	17.634	17.630
	Target Compounds						

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

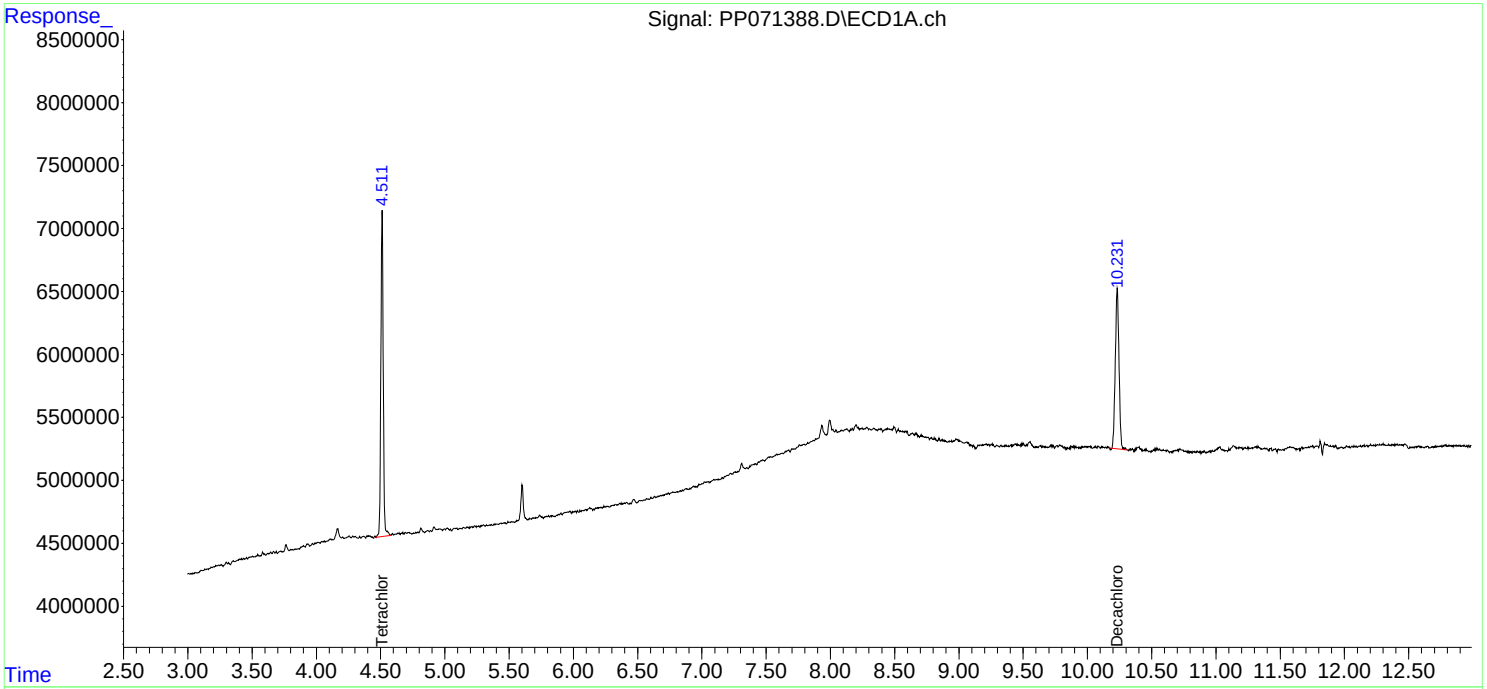
Sample Results: **PP071388.D**

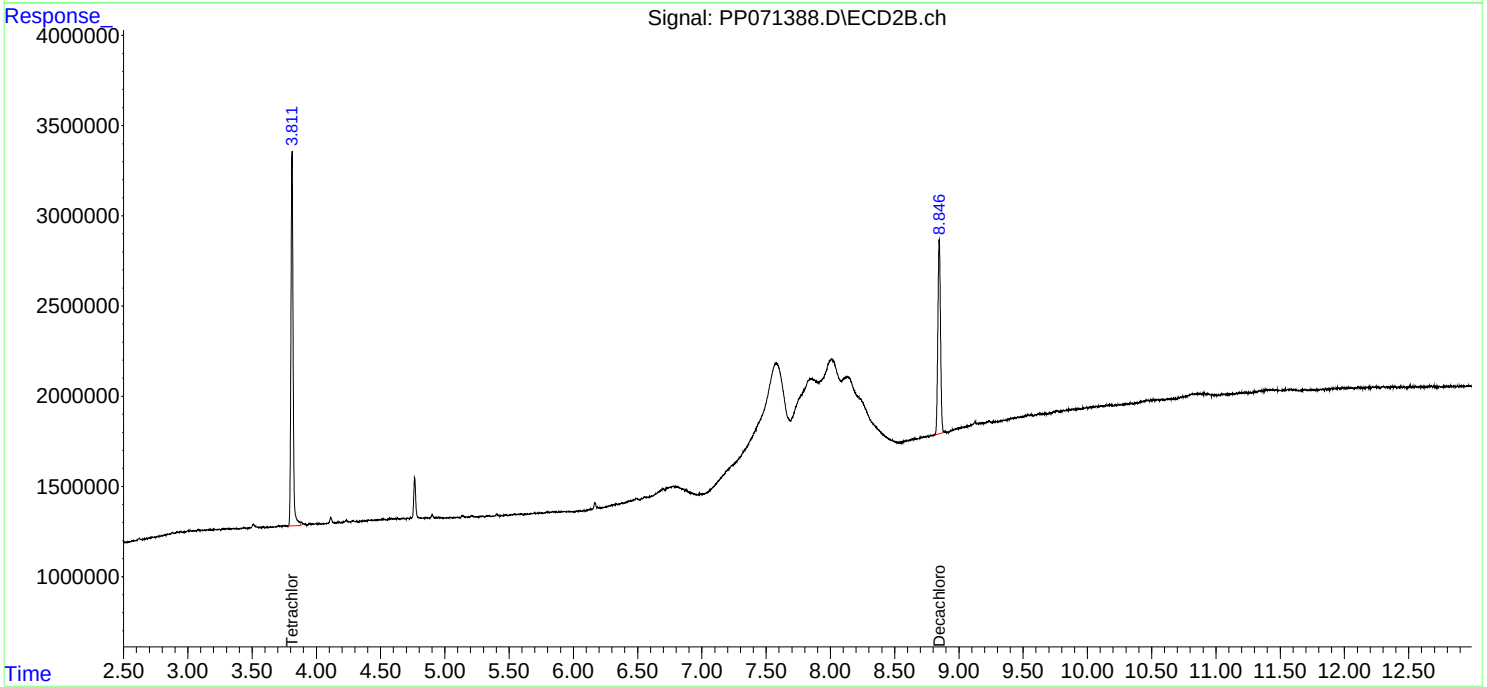
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042225\
Data File : PP071388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:13
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

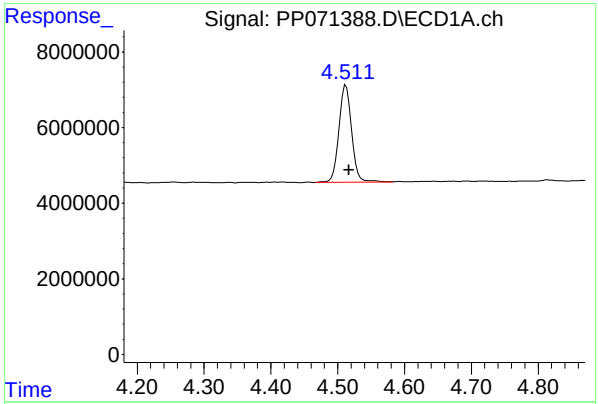
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 19:33:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 22 17:08:14 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



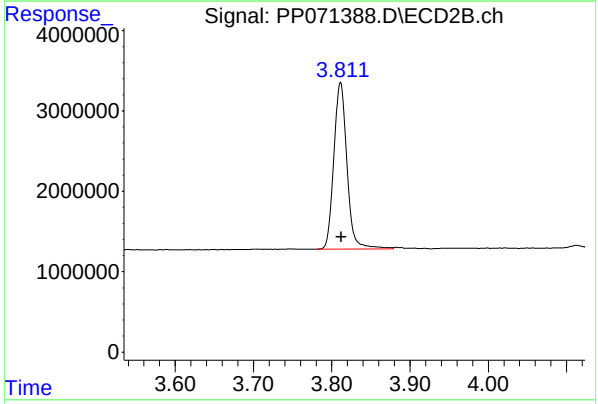




#1 Tetrachloro-m-xylene

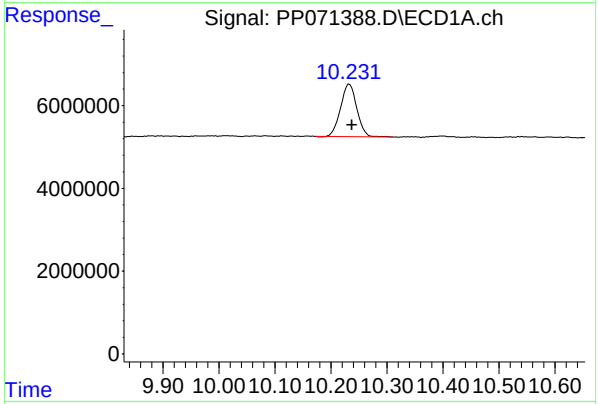
R.T.: 4.512 min
Delta R.T.: -0.005 mi
Response: 33865777
Conc: 17.08 ng/m

Instrument :
ECD_P
ClientSampleId :
I.BLK



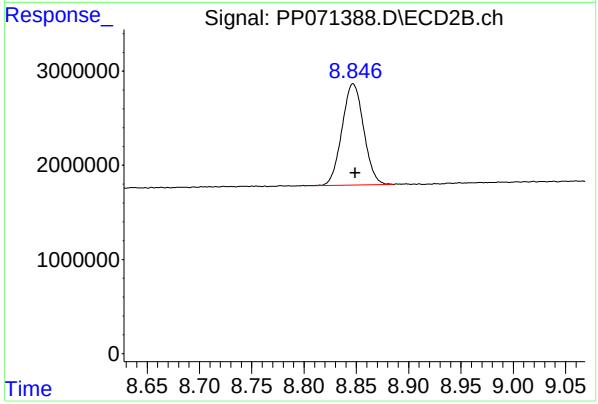
#1 Tetrachloro-m-xylene

R.T.: 3.811 min
Delta R.T.: -0.001 min
Response: 24238749
Conc: 17.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.233 min
Delta R.T.: -0.005 min
Response: 25533987
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.847 min
Delta R.T.: -0.002 min
Response: 15462668
Conc: 17.63 ng/ml

Raw Data: **PP071770.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/05/25
Project:	Stan Hope	Date Received:	05/05/25
Client Sample ID:	PIBLK-PP071770.D	SDG No.:	Q1938
Lab Sample ID:	I.BLK-PP071770.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP071770.D	1		05/05/25	PP050525

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	16.6		70 (60) - 130 (140)	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		70 (60) - 130 (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

Quantitation Report (QT Reviewed)

Sample Results: **PP071770.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 11:12
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: May 05 11:37:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.512	3.807	32997382	25179726	16.643	17.875
2)	SA Decachlor...	10.223	8.835	26805680	17646469	18.512	20.120
	Target Compounds						

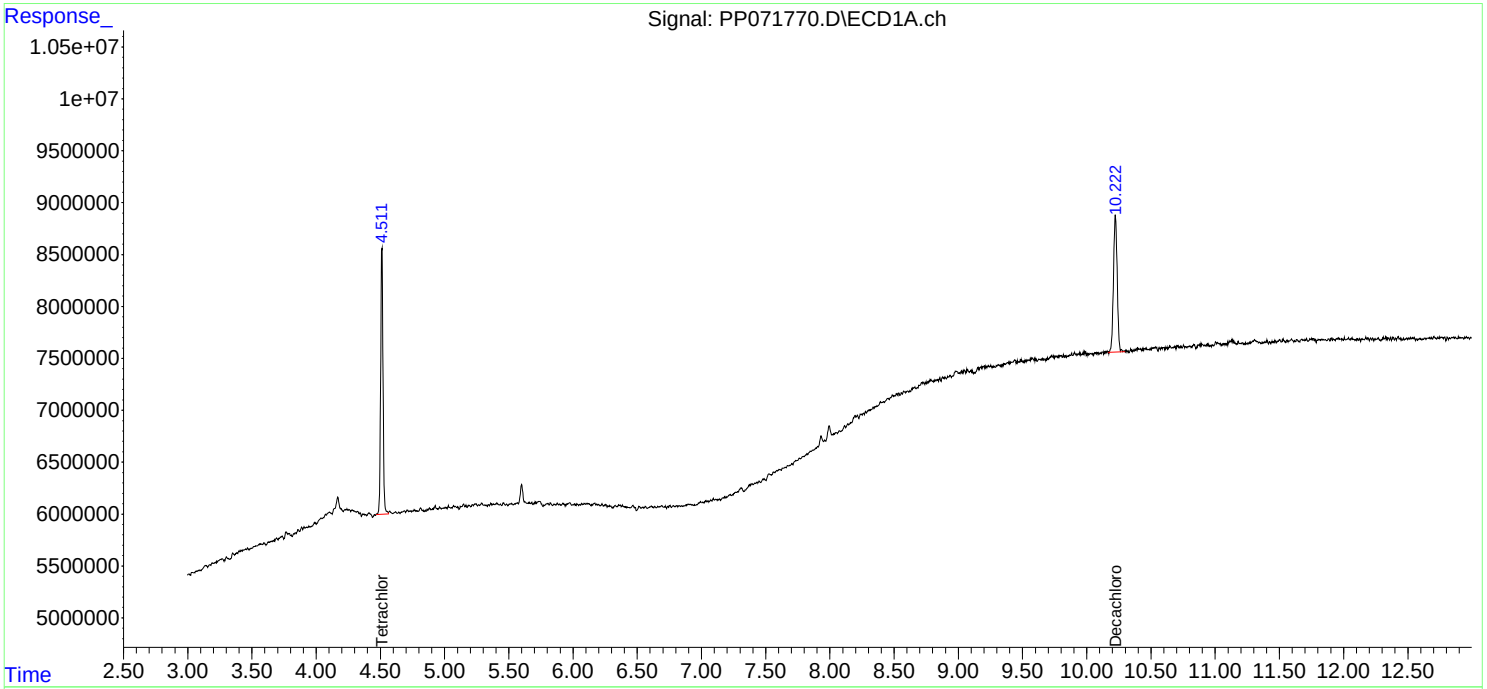
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

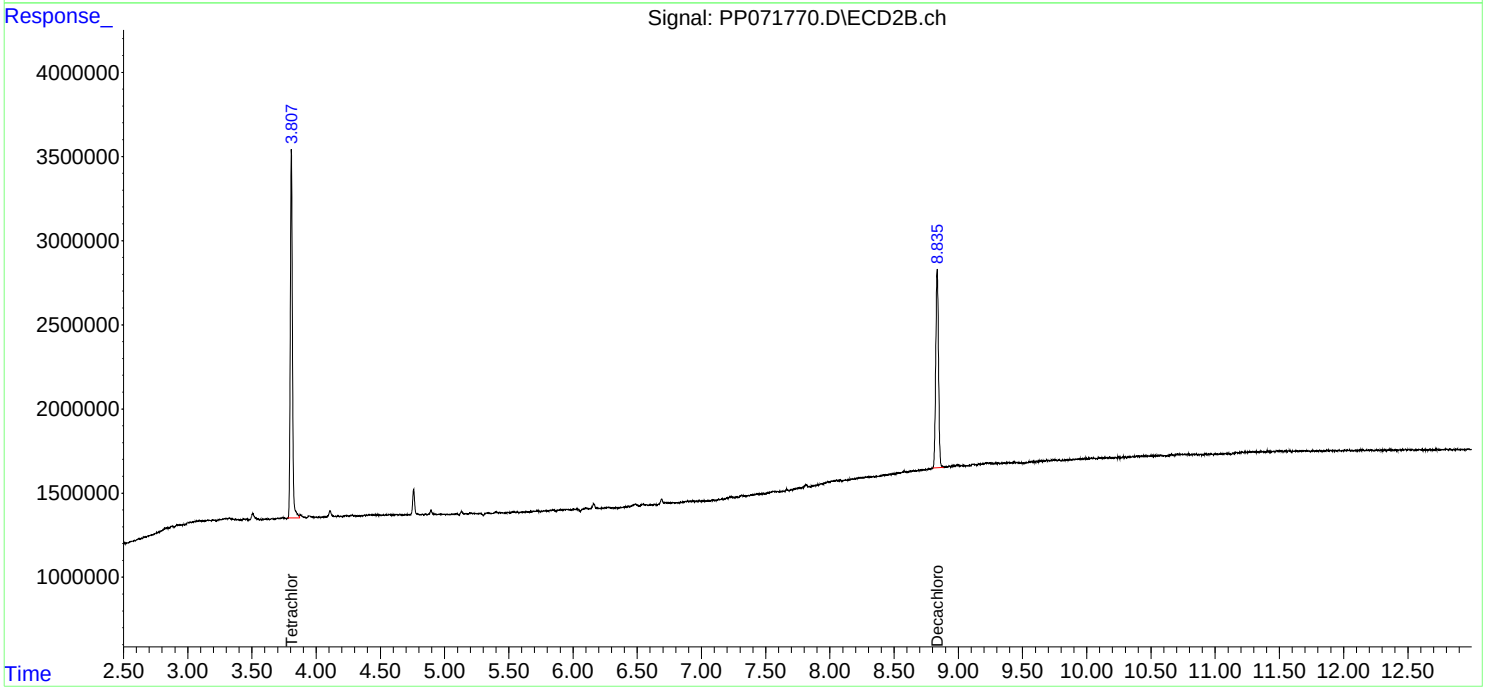
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 11:12
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

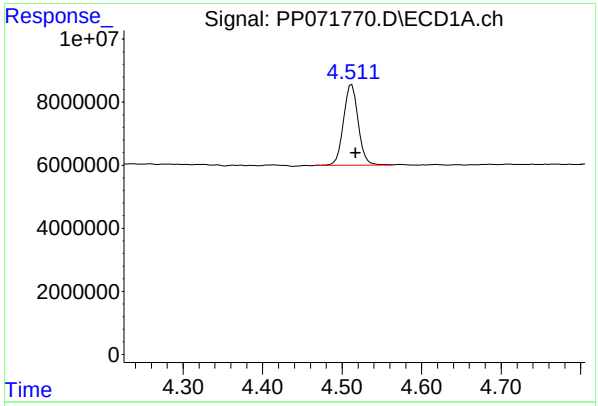
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 11:37:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



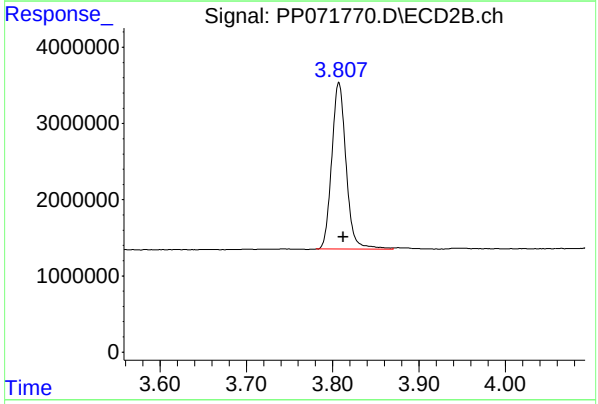




#1 Tetrachloro-m-xylene

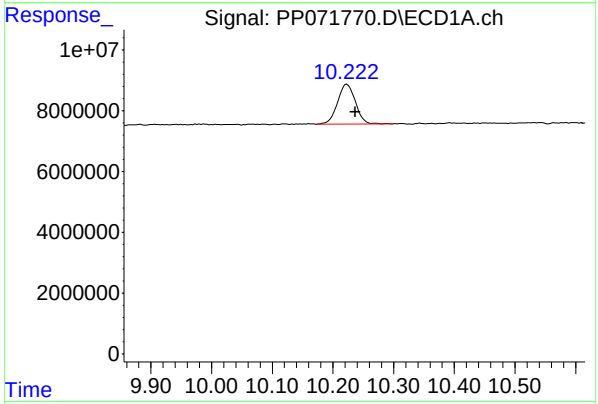
R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 32997382
Conc: 16.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



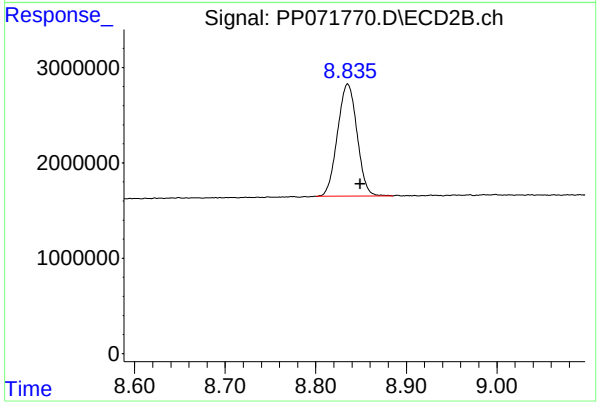
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: -0.005 min
Response: 25179726
Conc: 17.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.223 min
Delta R.T.: -0.014 min
Response: 26805680
Conc: 18.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.835 min
Delta R.T.: -0.014 min
Response: 17646469
Conc: 20.12 ng/ml

Raw Data: **PP071785.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/05/25
Project:	Stan Hope	Date Received:	05/05/25
Client Sample ID:	PIBLK-PP071785.D	SDG No.:	Q1938
Lab Sample ID:	I.BLK-PP071785.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP071785.D	1		05/05/25	PP050525

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	16.8		70 (60) - 130 (140)	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		70 (60) - 130 (140)	89%	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

Quantitation Report (QT Reviewed)

Sample Results: **PP071785.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071785.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 18:15
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: May 06 02:30:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.508	3.806	33223618	26988572	16.757	19.159
2)	SA Decachlor...	10.220	8.834	25713220	17442176	17.758	19.887
	Target Compounds						

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

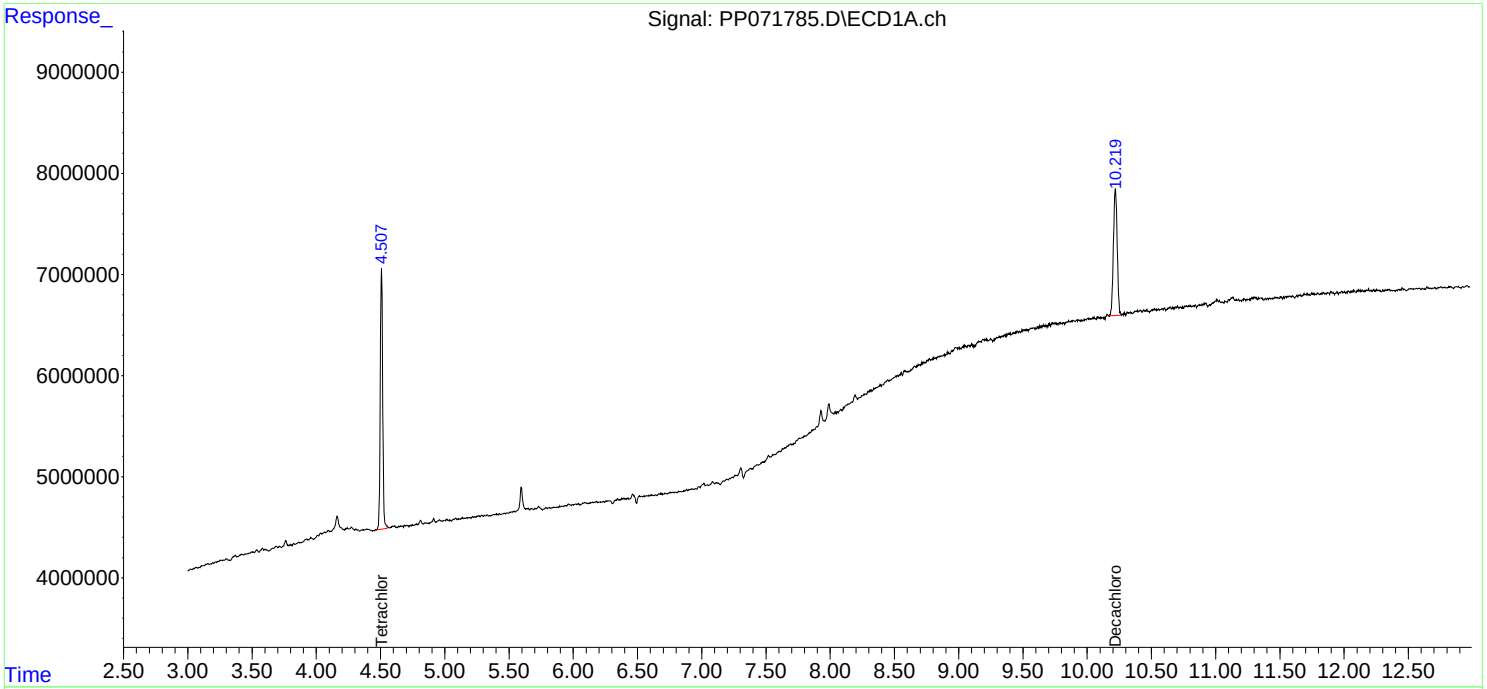
Sample Results: **PP071785.D**

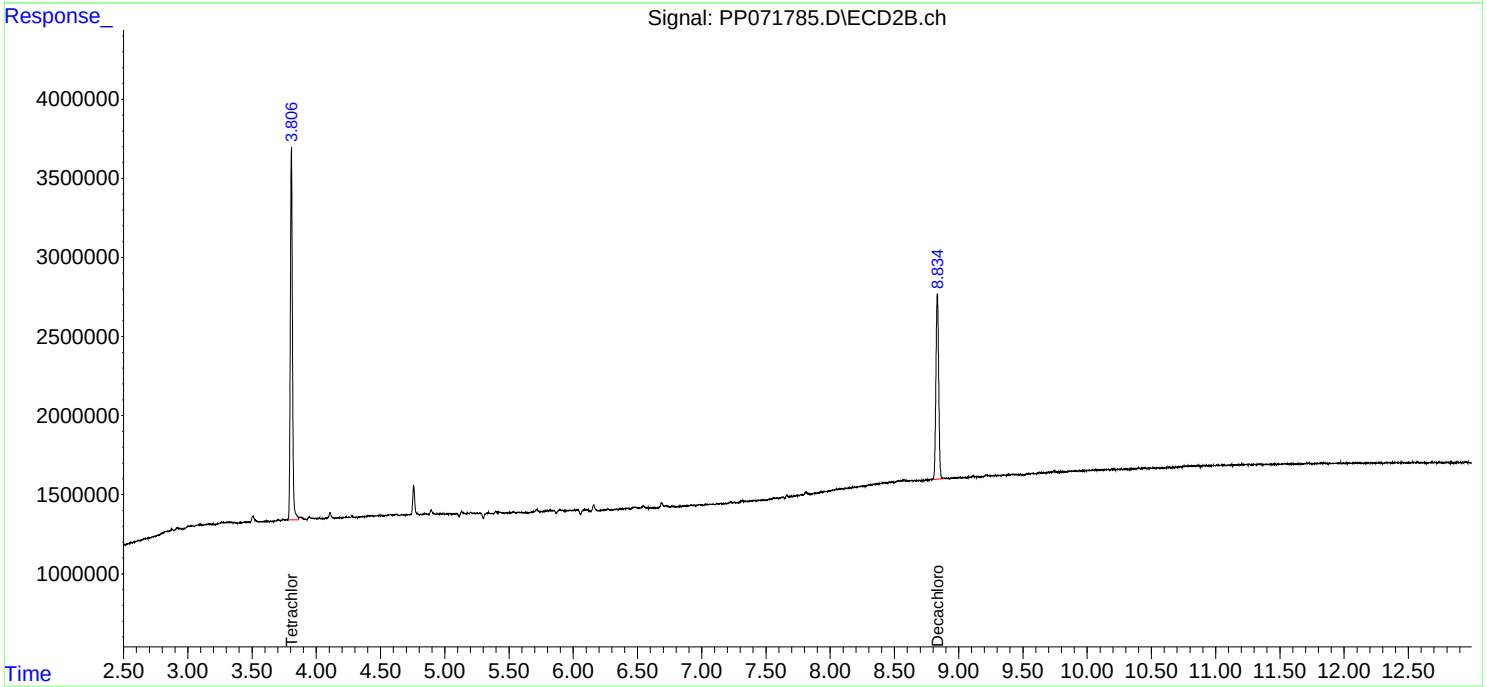
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050525\
Data File : PP071785.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 18:15
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

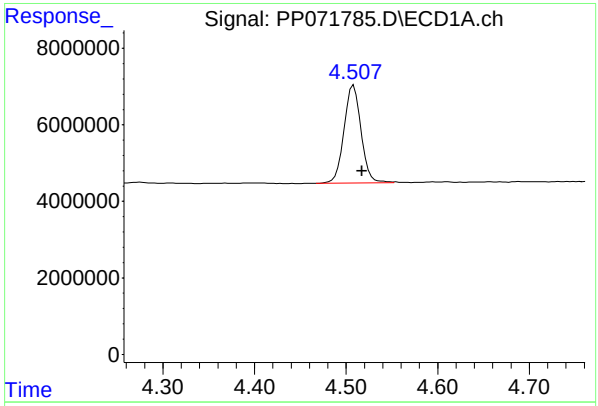
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 02:30:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 23 05:02:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



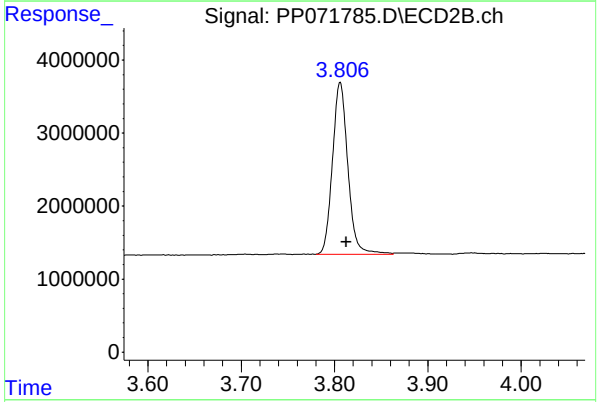




#1 Tetrachloro-m-xylene

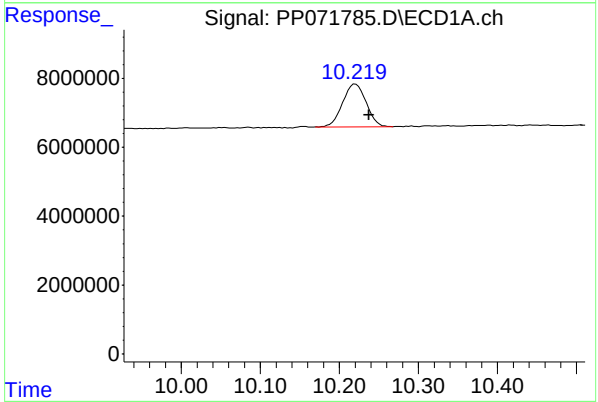
R.T.: 4.508 min
Delta R.T.: -0.009 min
Response: 33223618
Conc: 16.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



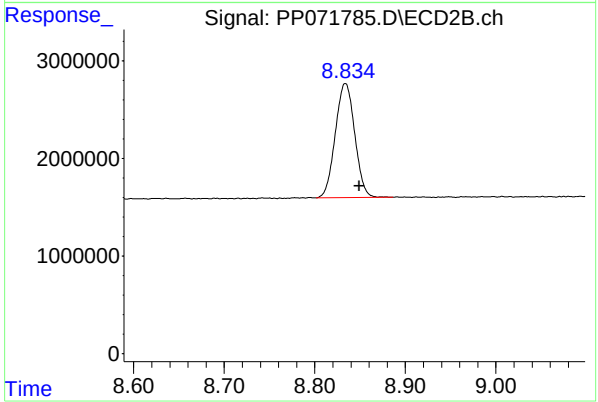
#1 Tetrachloro-m-xylene

R.T.: 3.806 min
Delta R.T.: -0.006 min
Response: 26988572
Conc: 19.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.220 min
Delta R.T.: -0.017 min
Response: 25713220
Conc: 17.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.834 min
Delta R.T.: -0.015 min
Response: 17442176
Conc: 19.89 ng/ml

Raw Data: **PO110932.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	
Project:	Stan Hope	Date Received:	
Client Sample ID:	PB167853BS	SDG No.:	Q1938
Lab Sample ID:	PB167853BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 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
PO110932.D	1	05/05/25 08:35	05/05/25 13:27	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	148		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	146		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		30 (32) - 150 (144)	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		30 (32) - 150 (175)	103%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO110932.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 13:27
Operator : YP/AJ
Sample : PB167853BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167853BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:29:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.683	3.679	97354250	84683391	17.018	17.485	
2)	SA Decachlor...	8.726	8.674	115.9E6	34732408	18.987	20.585	
	Target Compounds							
3)	L1 AR-1016-1	4.774	4.759	91293873	70992195	413.068	446.837	
4)	L1 AR-1016-2	4.793	4.777	132.1E6	102.7E6	425.788	449.143	
5)	L1 AR-1016-3	4.850	4.953	89731131	54480605	392.349	446.796	
6)	L1 AR-1016-4	4.970	4.995	69580588	44752925	416.170	444.149	
7)	L1 AR-1016-5	5.227	5.208	70670844	56253081	396.829	428.097	
31)	L7 AR-1260-1	6.267	6.239	140.1E6	100.9E6	421.302	457.237	
32)	L7 AR-1260-2	6.456	6.426	174.7E6	116.1E6	421.111	451.281	
33)	L7 AR-1260-3	6.822	6.578	131.5E6	108.9E6	373.218	466.959	#
34)	L7 AR-1260-4	7.083	7.049	116.0E6	73123977	381.236	401.569	
35)	L7 AR-1260-5	7.325	7.290	284.3E6	161.1E6	387.060	409.664	

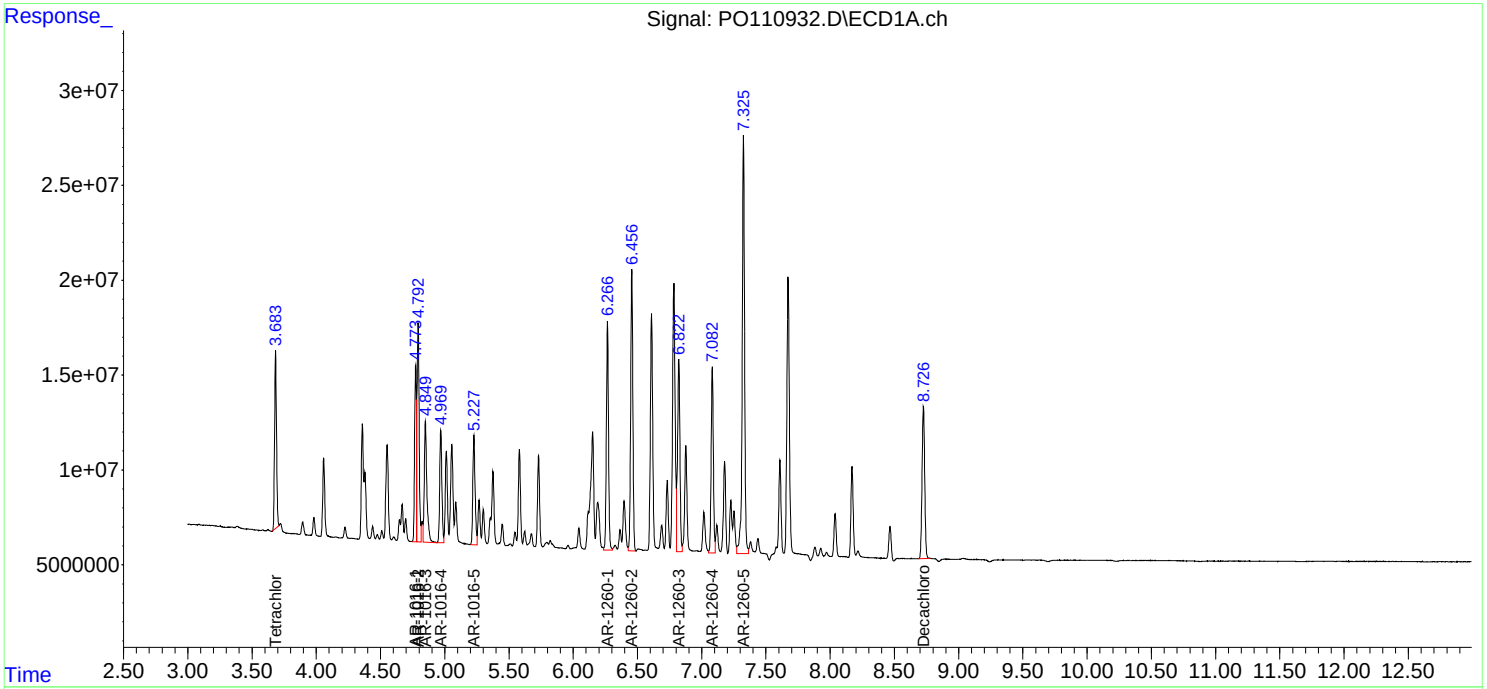
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

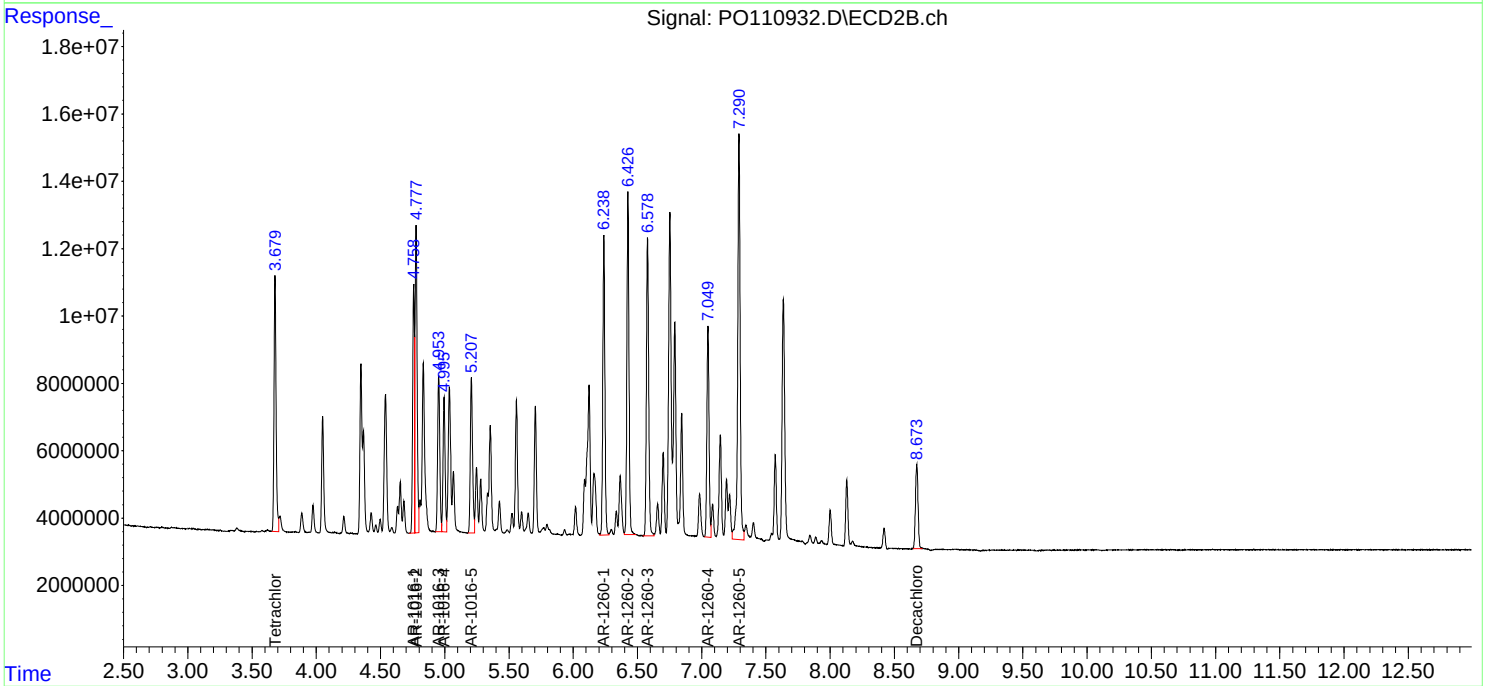
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 13:27
Operator : YP/AJ
Sample : PB167853BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

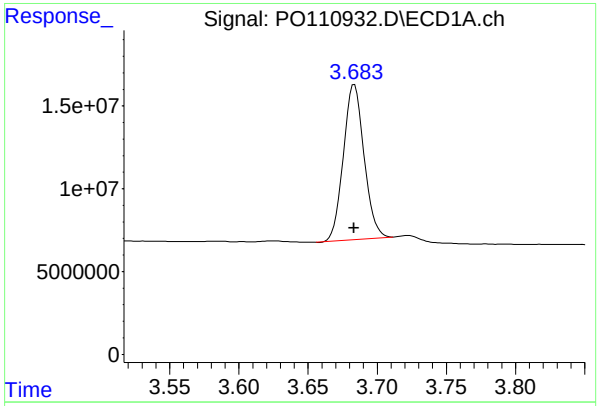
Instrument :
ECD_O
ClientSampleId :
PB167853BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:29:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



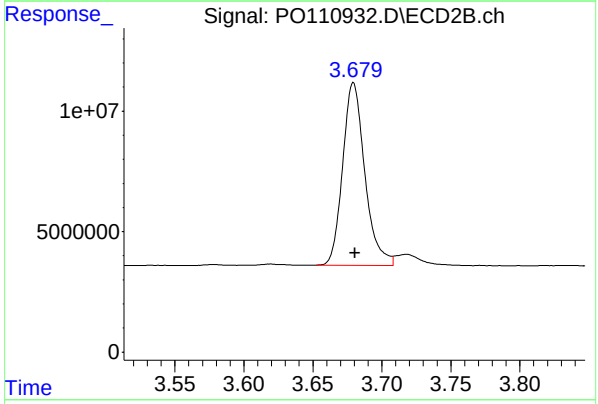




#1 Tetrachloro-m-xylene

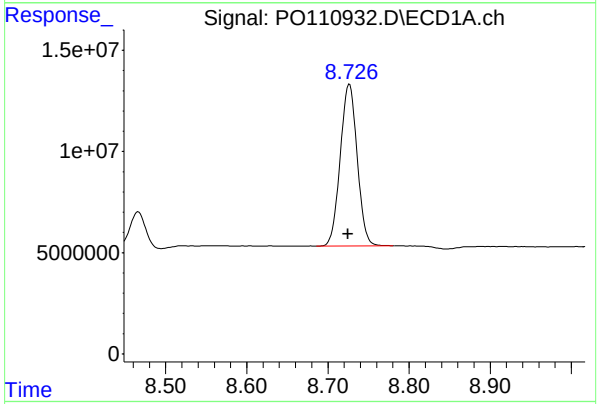
R.T.: 3.683 min
Delta R.T.: 0.000 mi
Response: 97354250
Conc: 17.02 ng/m

Instrument :
ECD_O
ClientSampleId :
PB167853BS



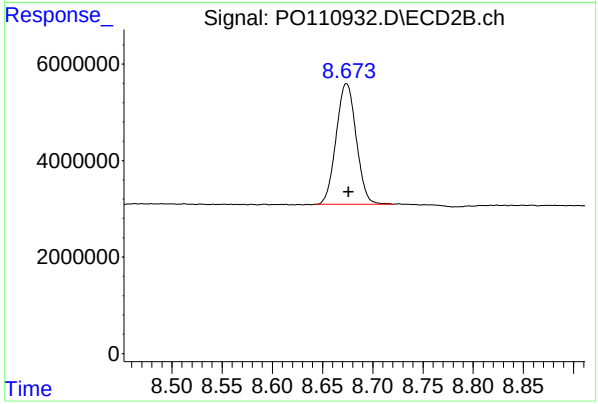
#1 Tetrachloro-m-xylene

R.T.: 3.679 min
Delta R.T.: -0.001 min
Response: 84683391
Conc: 17.49 ng/ml



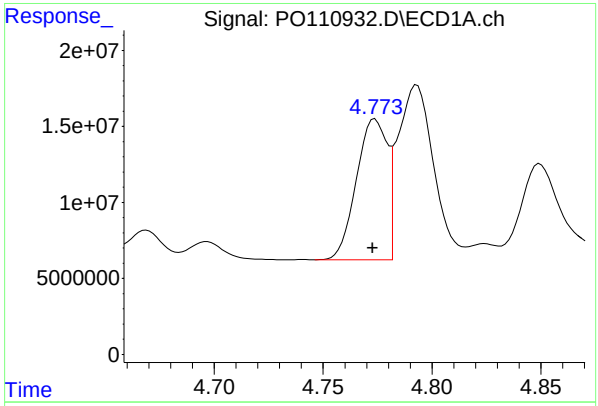
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: 0.002 min
Response: 115868263
Conc: 18.99 ng/ml



#2 Decachlorobiphenyl

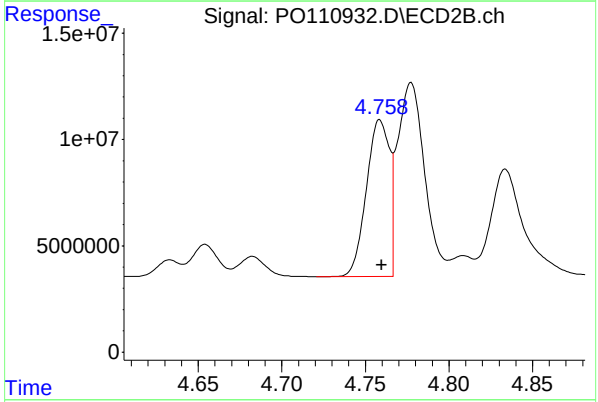
R.T.: 8.674 min
Delta R.T.: -0.002 min
Response: 34732408
Conc: 20.59 ng/ml



#3 AR-1016-1

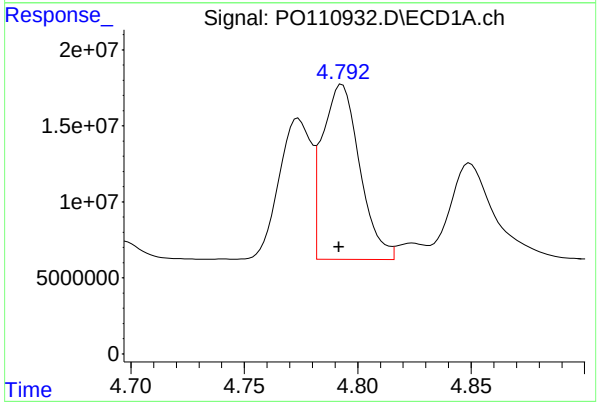
R.T.: 4.774 min
Delta R.T.: 0.001 min
Response: 91293873
Conc: 413.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167853BS



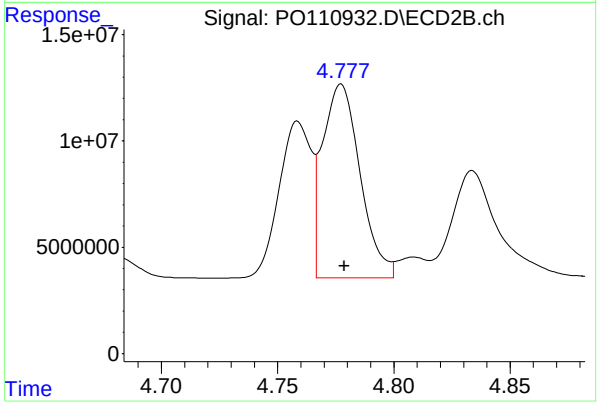
#3 AR-1016-1

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 70992195
Conc: 446.84 ng/ml



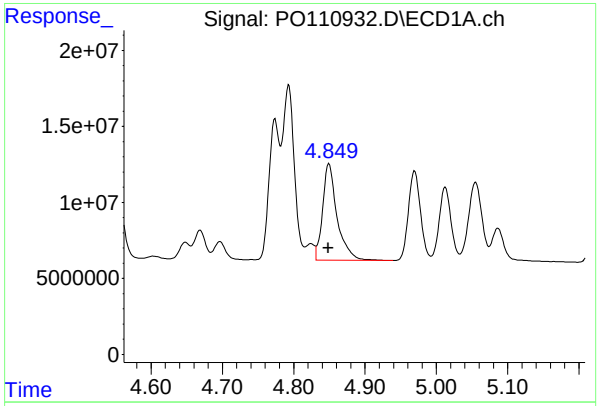
#4 AR-1016-2

R.T.: 4.793 min
Delta R.T.: 0.001 min
Response: 132067442
Conc: 425.79 ng/ml



#4 AR-1016-2

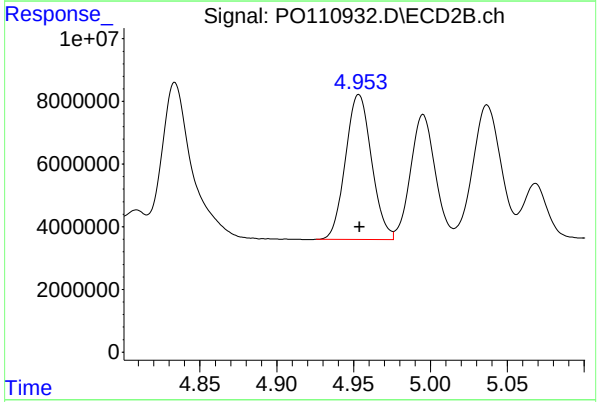
R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 102659481
Conc: 449.14 ng/ml



#5 AR-1016-3

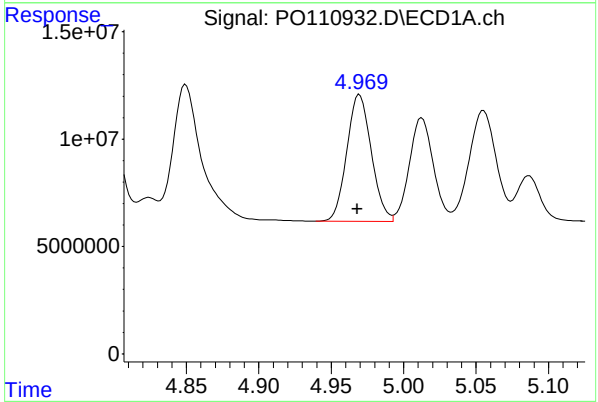
R.T.: 4.850 min
Delta R.T.: 0.001 min
Response: 89731131
Conc: 392.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167853BS



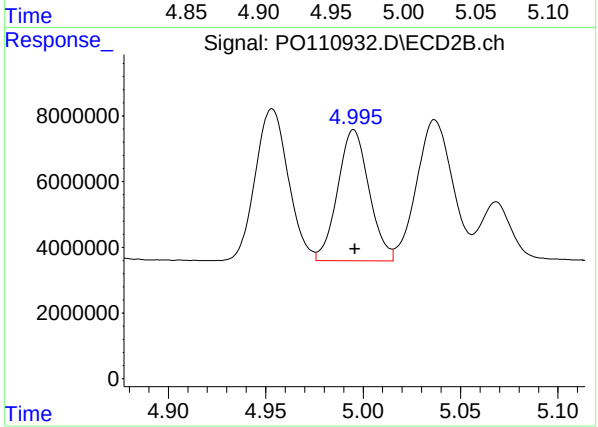
#5 AR-1016-3

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 54480605
Conc: 446.80 ng/ml



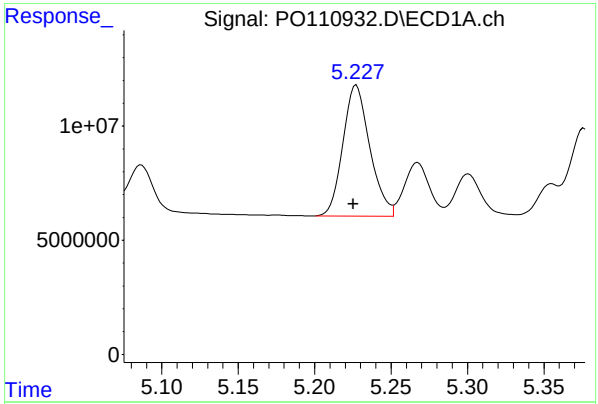
#6 AR-1016-4

R.T.: 4.970 min
Delta R.T.: 0.001 min
Response: 69580588
Conc: 416.17 ng/ml



#6 AR-1016-4

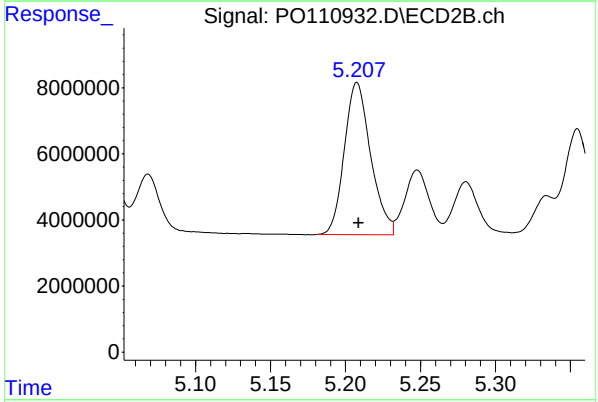
R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 44752925
Conc: 444.15 ng/ml



#7 AR-1016-5

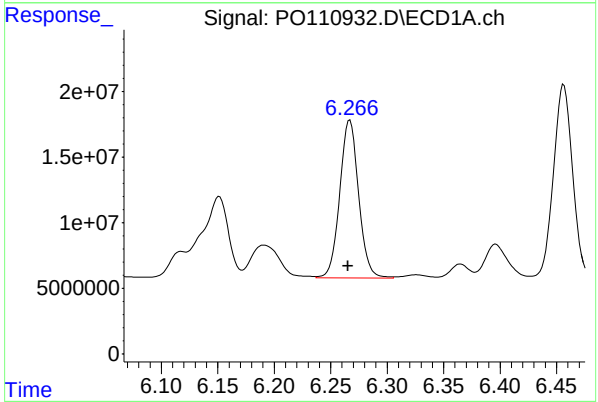
R.T.: 5.227 min
Delta R.T.: 0.002 mi
Response: 70670844
Conc: 396.83 ng/m

Instrument :
ECD_O
ClientSampleId :
PB167853BS



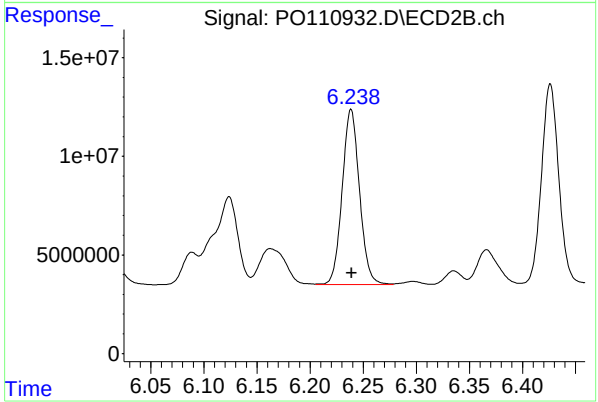
#7 AR-1016-5

R.T.: 5.208 min
Delta R.T.: -0.001 min
Response: 56253081
Conc: 428.10 ng/ml



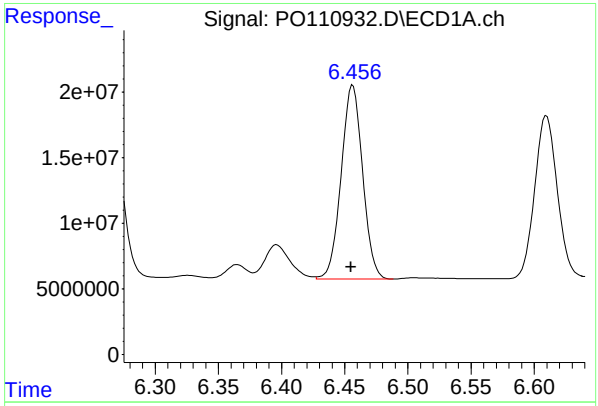
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 140134935
Conc: 421.30 ng/ml



#31 AR-1260-1

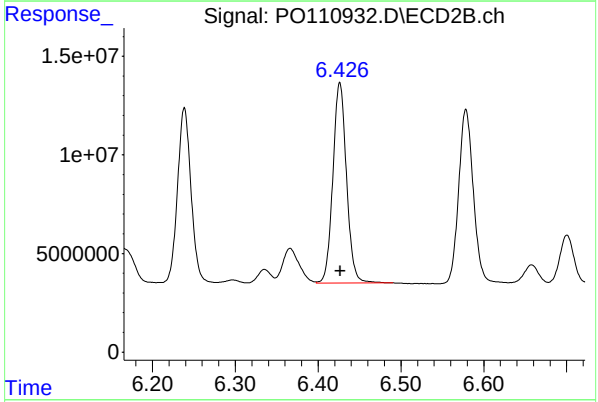
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 100943951
Conc: 457.24 ng/ml



#32 AR-1260-2

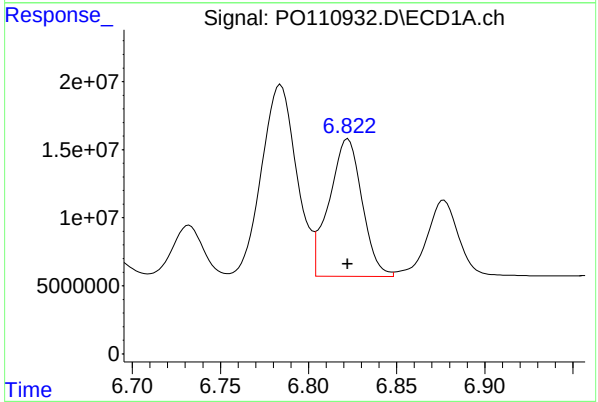
R.T.: 6.456 min
Delta R.T.: 0.001 min
Response: 174682298
Conc: 421.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167853BS



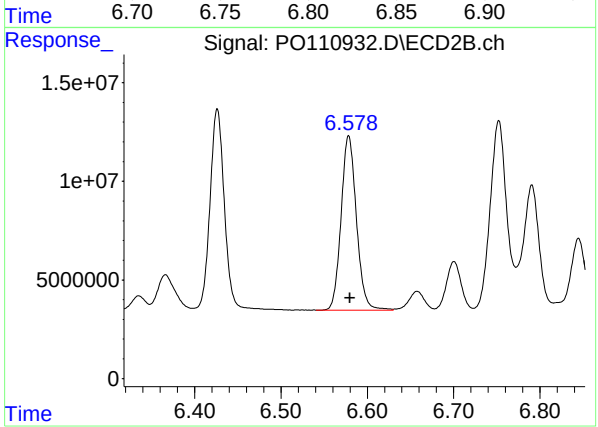
#32 AR-1260-2

R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 116082202
Conc: 451.28 ng/ml



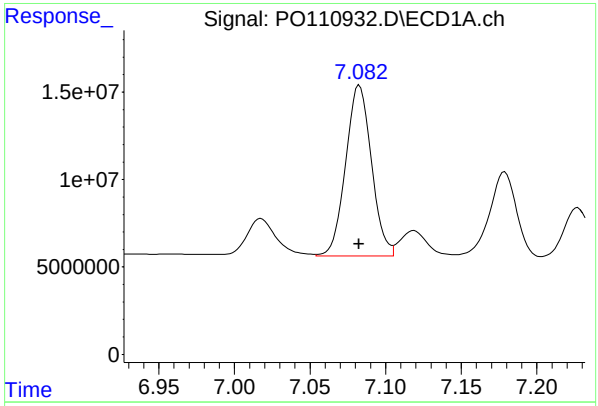
#33 AR-1260-3

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 131472217
Conc: 373.22 ng/ml



#33 AR-1260-3

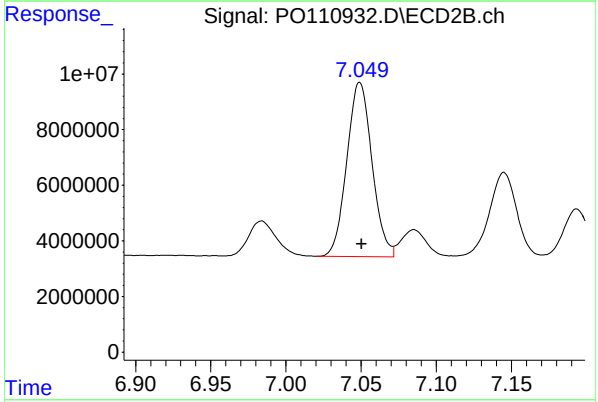
R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 108868580
Conc: 466.96 ng/ml



#34 AR-1260-4

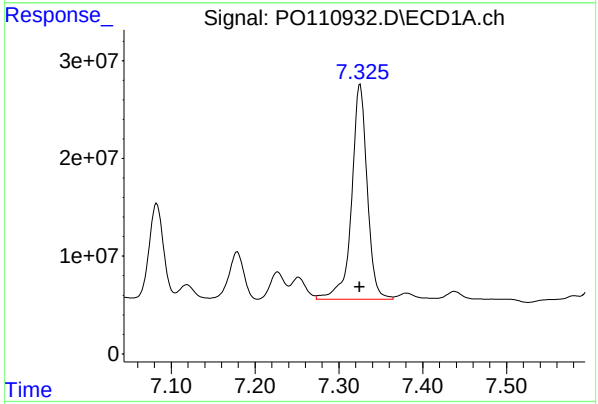
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 115985876
Conc: 381.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167853BS



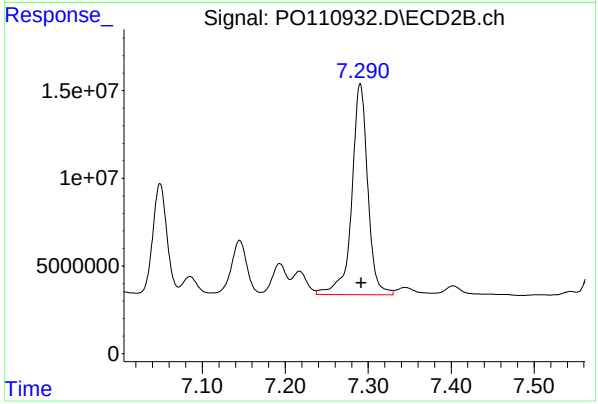
#34 AR-1260-4

R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 73123977
Conc: 401.57 ng/ml



#35 AR-1260-5

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 284251612
Conc: 387.06 ng/ml



#35 AR-1260-5

R.T.: 7.290 min
Delta R.T.: -0.001 min
Response: 161077083
Conc: 409.66 ng/ml

Raw Data: **PO110934.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-AMS	SDG No.:	Q1938
Lab Sample ID:	Q1936-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.8 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
PO110934.D	1	05/05/25 08:35	05/05/25 14:04	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	176		4.30	18.7	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.7	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.7	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.7	ug/kg
11096-82-5	Aroclor-1260	165		3.60	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		30 (32) - 150 (144)	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		30 (32) - 150 (175)	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\PO050525\
Data File : PO110934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:04
Operator : YP/AJ
Sample : Q1936-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:30:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.684	3.680	97055905	86649223	16.965	17.891	
2)	SA Decachlor...	8.725	8.674	101.2E6	31524086	16.591	18.684	
	Target Compounds							
3)	L1 AR-1016-1	4.774	4.759	95435603	76054817	431.807	478.702	
4)	L1 AR-1016-2	4.793	4.778	140.8E6	111.6E6	454.051	488.133	
5)	L1 AR-1016-3	4.850	4.953	94310712	59344648	412.374	486.686	
6)	L1 AR-1016-4	4.970	4.995	73992025	48367265	442.555	480.020	
7)	L1 AR-1016-5	5.227	5.208	75442552	61518541	423.623	468.168	
31)	L7 AR-1260-1	6.267	6.239	141.4E6	105.0E6	425.038	475.562	
32)	L7 AR-1260-2	6.456	6.427	175.5E6	120.6E6	423.193	468.792	
33)	L7 AR-1260-3	6.823	6.579	135.0E6	112.7E6	383.093	483.227	#
34)	L7 AR-1260-4	7.083	7.050	116.0E6	75247320	381.377	413.229	
35)	L7 AR-1260-5	7.325	7.291	285.0E6	162.9E6	388.088	414.233	

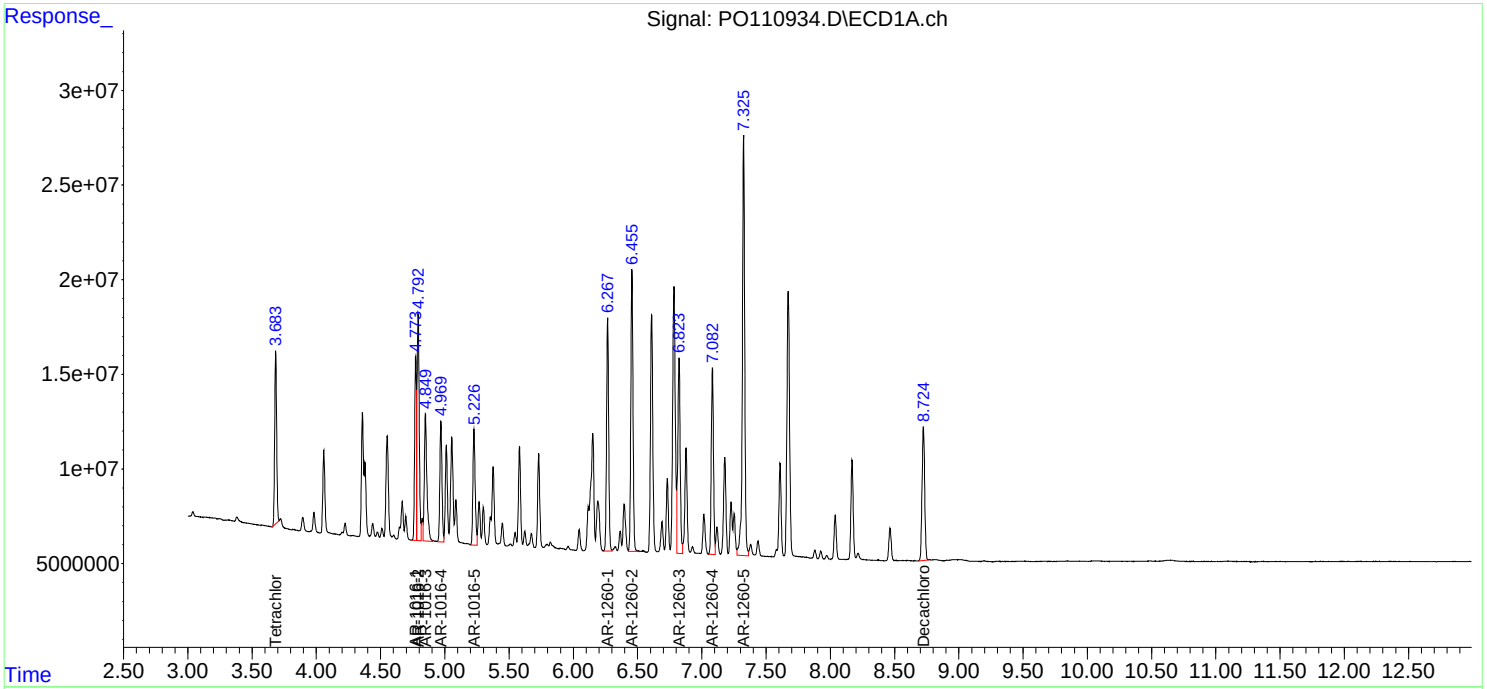
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

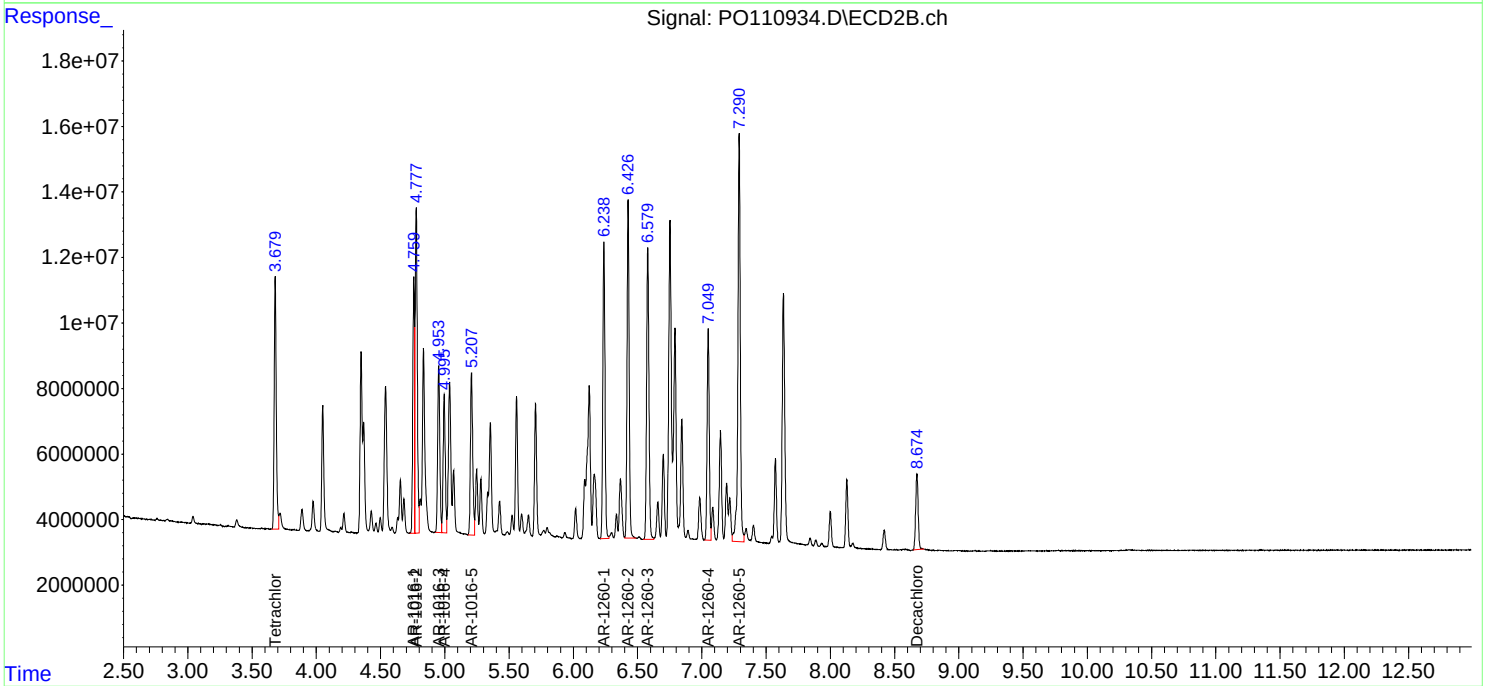
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:04
Operator : YP/AJ
Sample : Q1936-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

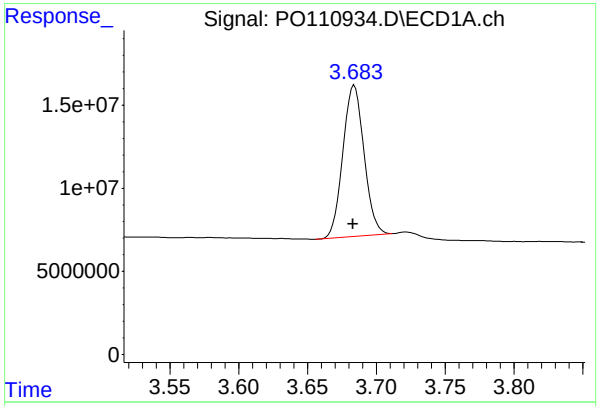
Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:30:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



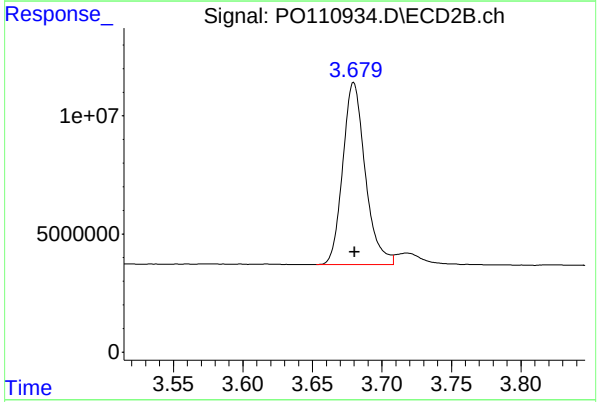




#1 Tetrachloro-m-xylene

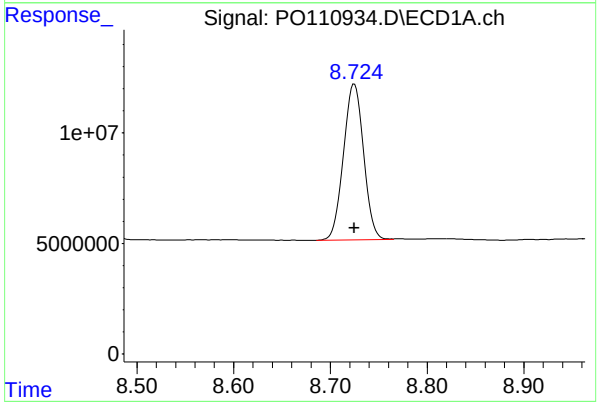
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 97055905
Conc: 16.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMS



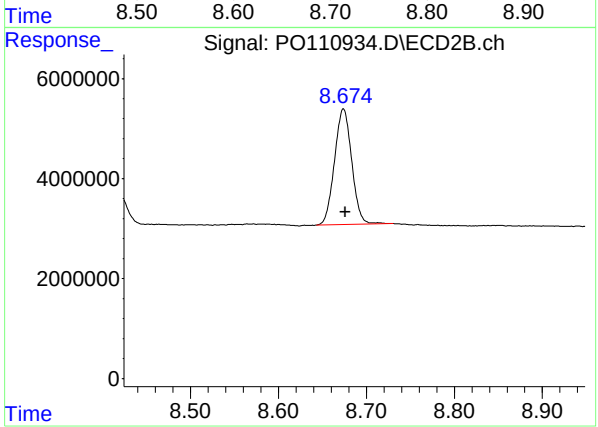
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 86649223
Conc: 17.89 ng/ml



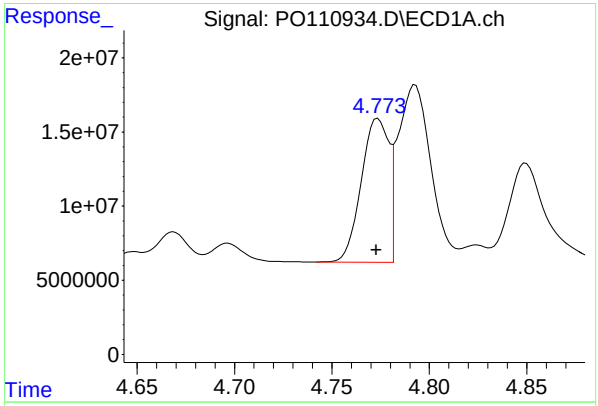
#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 101248882
Conc: 16.59 ng/ml



#2 Decachlorobiphenyl

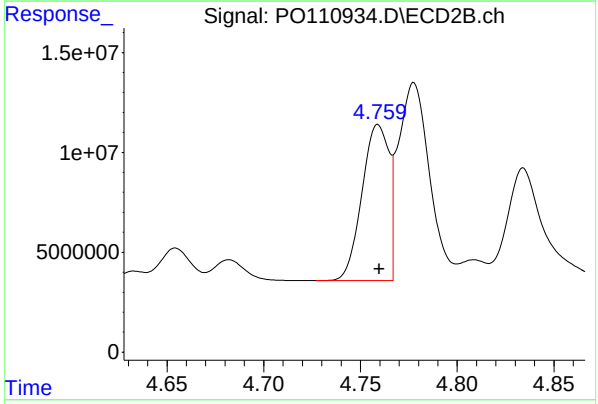
R.T.: 8.674 min
Delta R.T.: -0.002 min
Response: 31524086
Conc: 18.68 ng/ml



#3 AR-1016-1

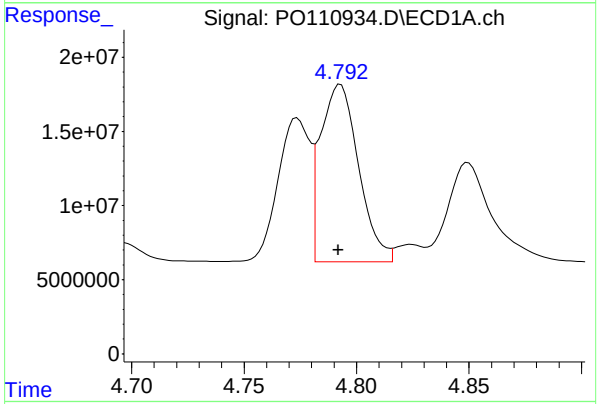
R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 95435603
Conc: 431.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMS



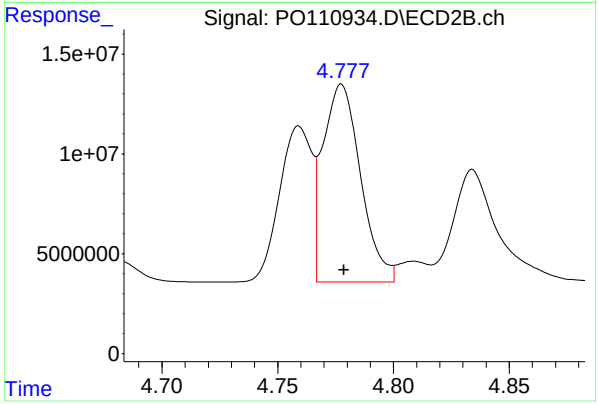
#3 AR-1016-1

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 76054817
Conc: 478.70 ng/ml



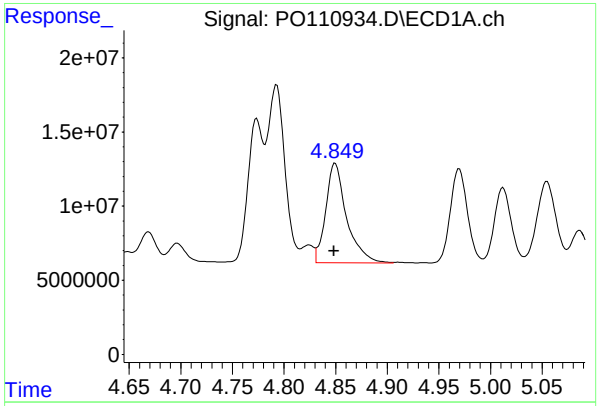
#4 AR-1016-2

R.T.: 4.793 min
Delta R.T.: 0.001 min
Response: 140833993
Conc: 454.05 ng/ml



#4 AR-1016-2

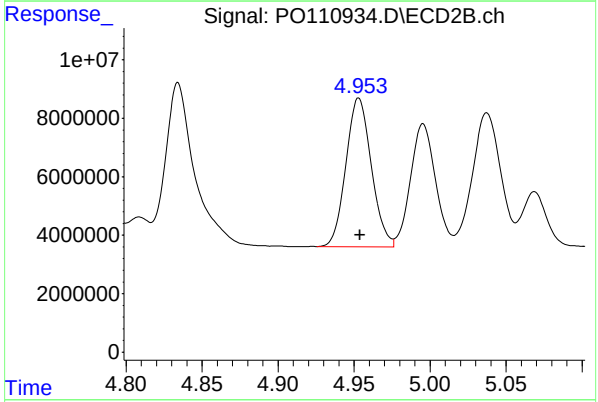
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 111571272
Conc: 488.13 ng/ml



#5 AR-1016-3

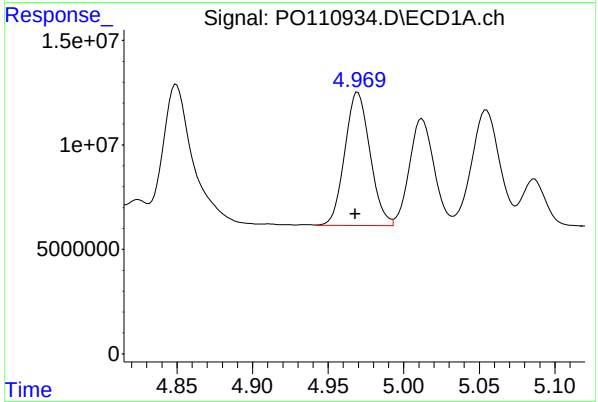
R.T.: 4.850 min
Delta R.T.: 0.001 min
Response: 94310712
Conc: 412.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMS



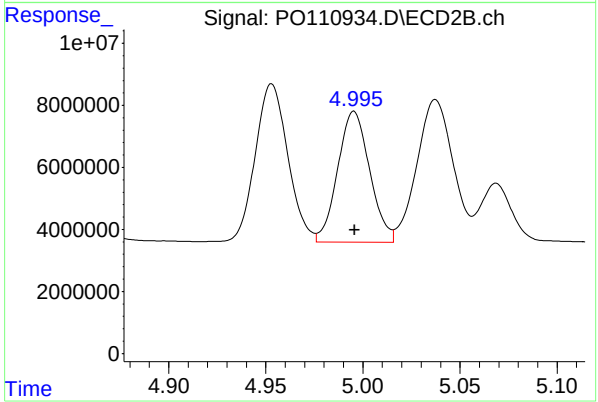
#5 AR-1016-3

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 59344648
Conc: 486.69 ng/ml



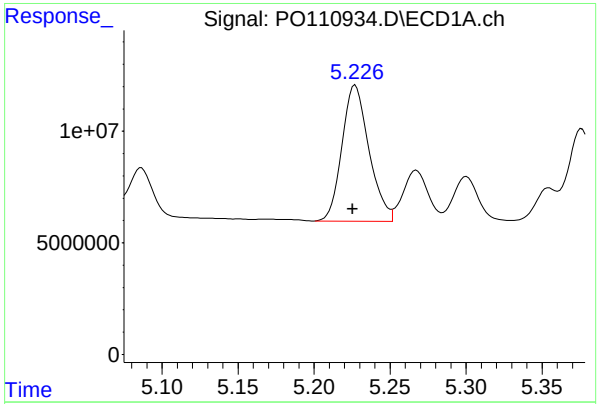
#6 AR-1016-4

R.T.: 4.970 min
Delta R.T.: 0.002 min
Response: 73992025
Conc: 442.56 ng/ml



#6 AR-1016-4

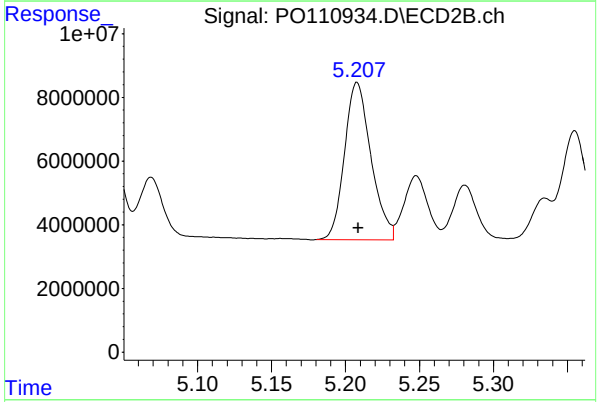
R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 48367265
Conc: 480.02 ng/ml



#7 AR-1016-5

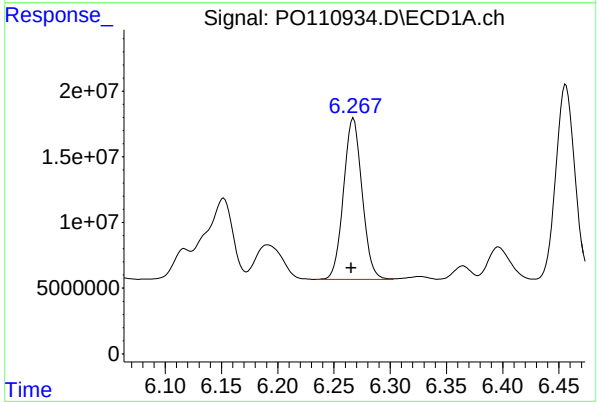
R.T.: 5.227 min
Delta R.T.: 0.002 min
Response: 75442552
Conc: 423.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMS



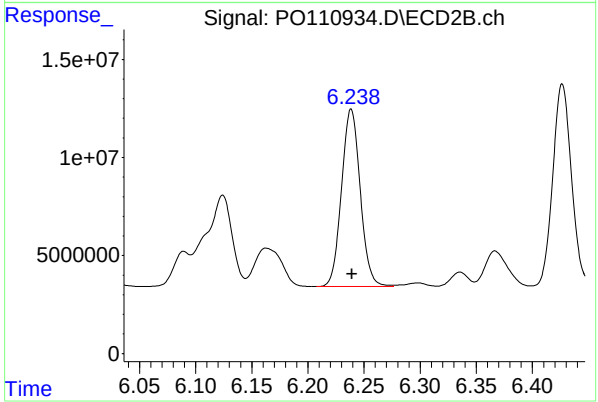
#7 AR-1016-5

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 61518541
Conc: 468.17 ng/ml



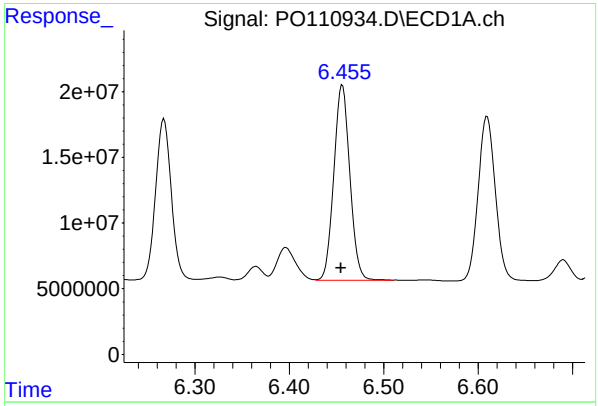
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 141377416
Conc: 425.04 ng/ml



#31 AR-1260-1

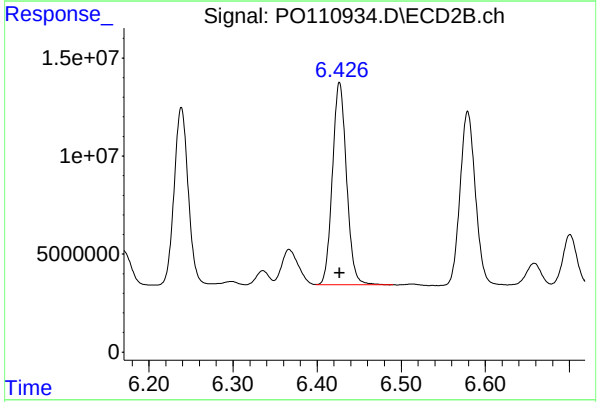
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 104989471
Conc: 475.56 ng/ml



#32 AR-1260-2

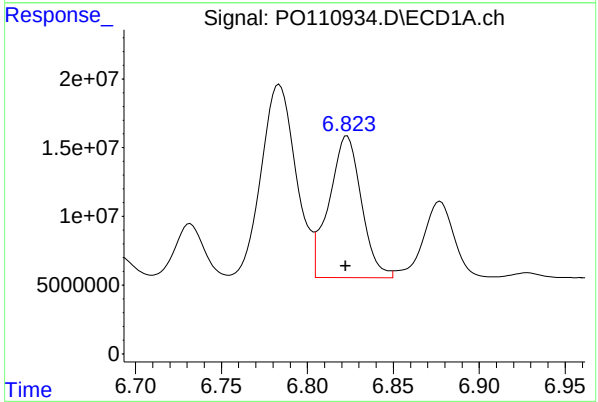
R.T.: 6.456 min
Delta R.T.: 0.001 min
Response: 175545815
Conc: 423.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMS



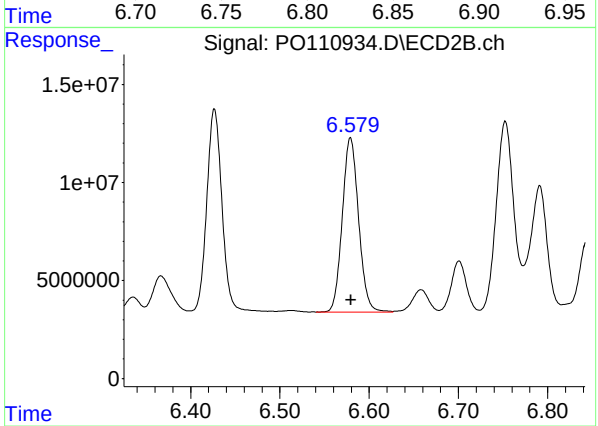
#32 AR-1260-2

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 120586721
Conc: 468.79 ng/ml



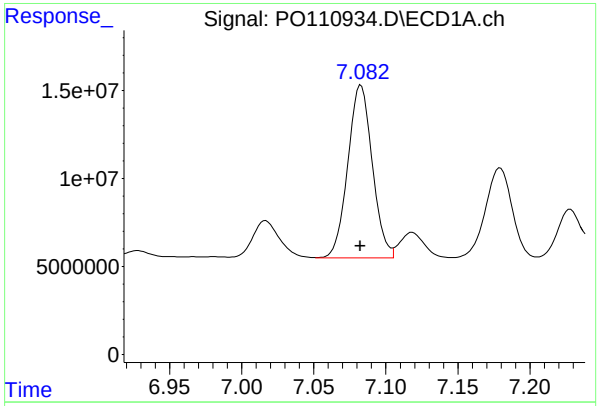
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: 0.001 min
Response: 134950734
Conc: 383.09 ng/ml



#33 AR-1260-3

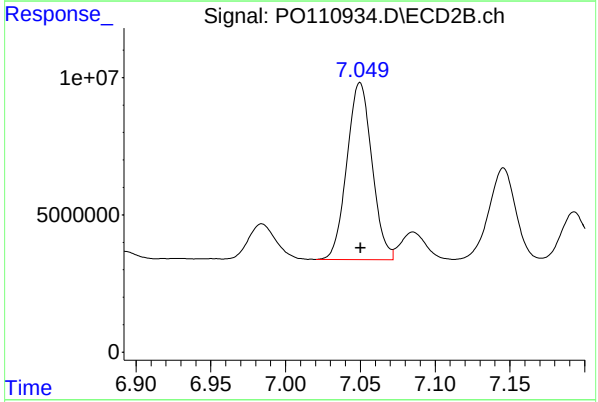
R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 112661308
Conc: 483.23 ng/ml



#34 AR-1260-4

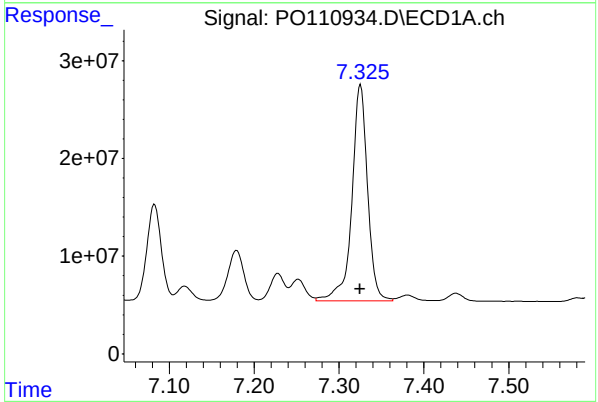
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 116028803
Conc: 381.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMS



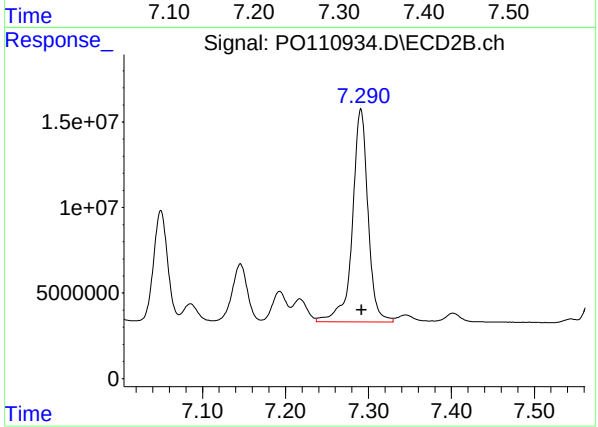
#34 AR-1260-4

R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 75247320
Conc: 413.23 ng/ml



#35 AR-1260-5

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 285006596
Conc: 388.09 ng/ml



#35 AR-1260-5

R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 162873825
Conc: 414.23 ng/ml

Raw Data: **PO110935.D**

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

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-AMSD	SDG No.:	Q1938
Lab Sample ID:	Q1936-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.8 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
PO110935.D	1	05/05/25 08:35	05/05/25 14:22	PB167853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	174		4.30	18.7	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.7	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.7	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.7	ug/kg
11096-82-5	Aroclor-1260	164		3.60	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.0		30 (32) - 150 (144)	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		30 (32) - 150 (175)	95%	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\PO050525\
Data File : PO110935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:22
Operator : YP/AJ
Sample : Q1936-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:31:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.684	3.680	97649162	87186374	17.069	18.002	
2)	SA Decachlor...	8.726	8.674	101.4E6	32090657	16.613	19.019	
	Target Compounds							
3)	L1 AR-1016-1	4.774	4.759	93420006	75675260	422.688	476.313	
4)	L1 AR-1016-2	4.793	4.778	137.3E6	109.7E6	442.754	479.993	
5)	L1 AR-1016-3	4.850	4.953	92934180	58301283	406.355	478.130	
6)	L1 AR-1016-4	4.970	4.995	72173313	47407166	431.677	470.491	
7)	L1 AR-1016-5	5.227	5.208	74183115	60619921	416.551	461.329	
31)	L7 AR-1260-1	6.267	6.239	142.8E6	103.4E6	429.310	468.475	
32)	L7 AR-1260-2	6.456	6.426	175.9E6	118.2E6	424.048	459.547	
33)	L7 AR-1260-3	6.823	6.579	127.4E6	111.4E6	361.521	477.913	#
34)	L7 AR-1260-4	7.083	7.049	114.5E6	74386461	376.431	408.502	
35)	L7 AR-1260-5	7.326	7.290	282.0E6	164.2E6	384.005	417.607	

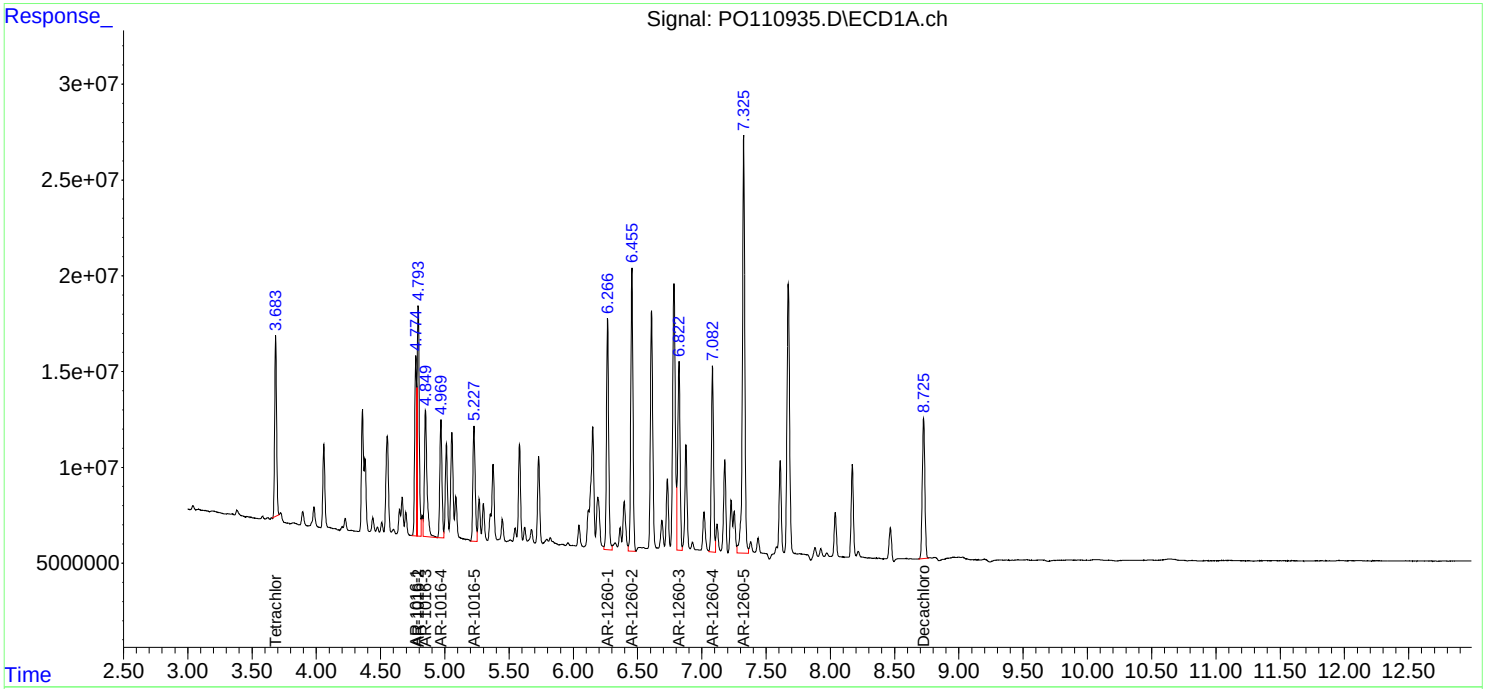
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

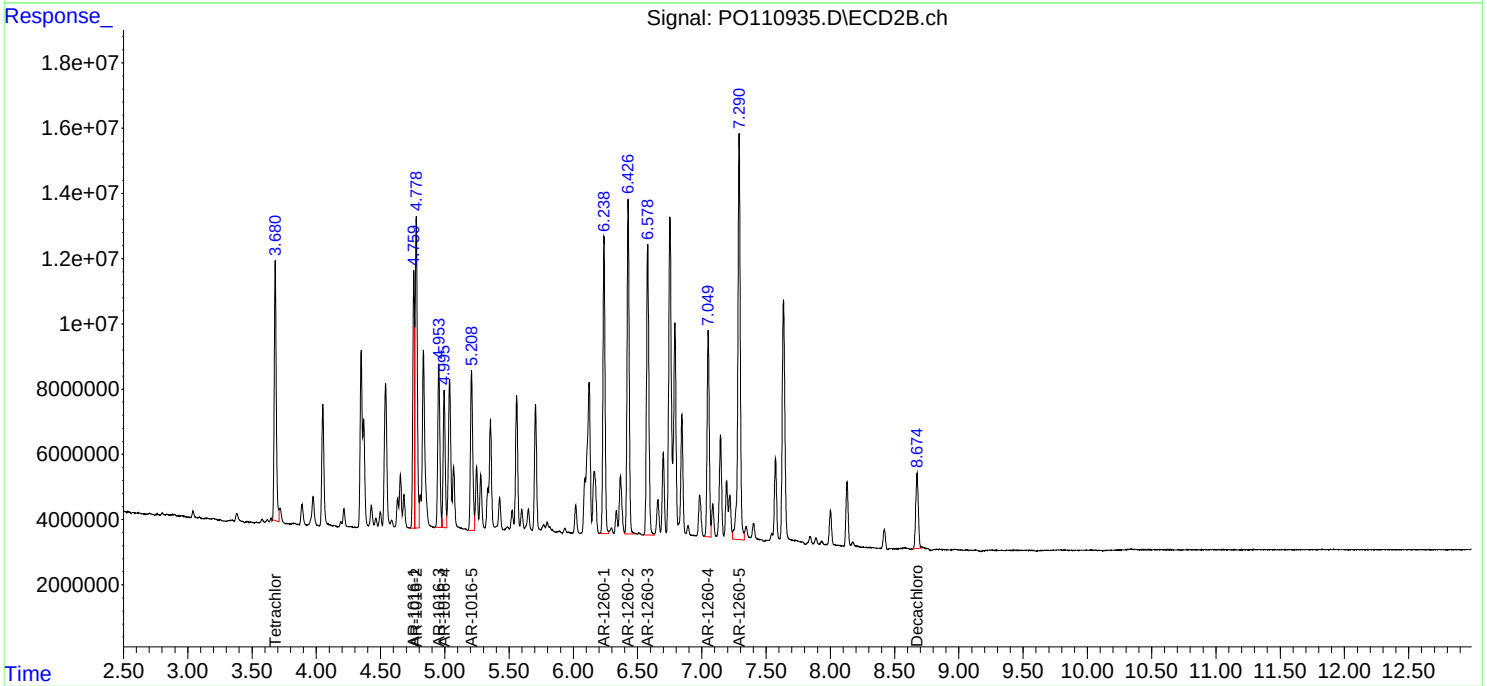
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO050525\
Data File : PO110935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:22
Operator : YP/AJ
Sample : Q1936-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

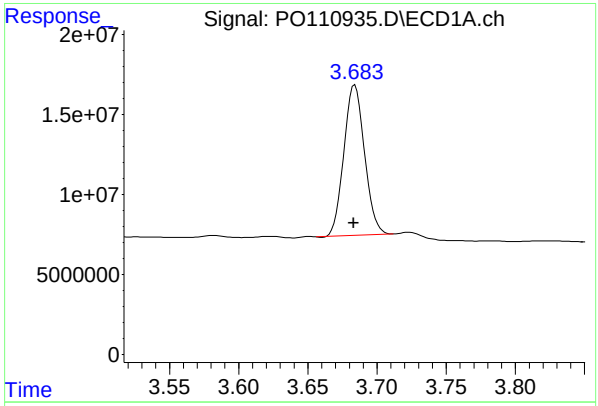
Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 16:31:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO050225.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 02 23:47:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



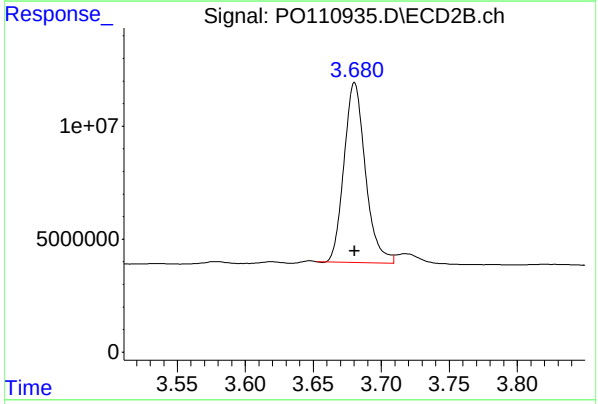




#1 Tetrachloro-m-xylene

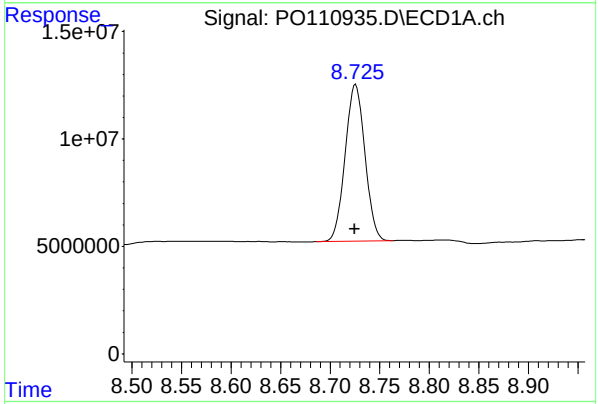
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 97649162
Conc: 17.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMSD



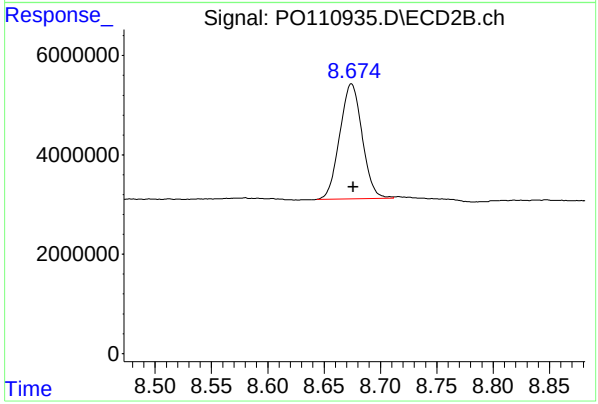
#1 Tetrachloro-m-xylene

R.T.: 3.680 min
Delta R.T.: 0.000 min
Response: 87186374
Conc: 18.00 ng/ml



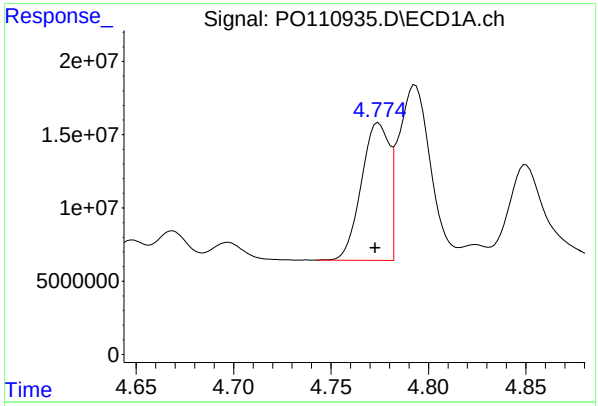
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 101378712
Conc: 16.61 ng/ml



#2 Decachlorobiphenyl

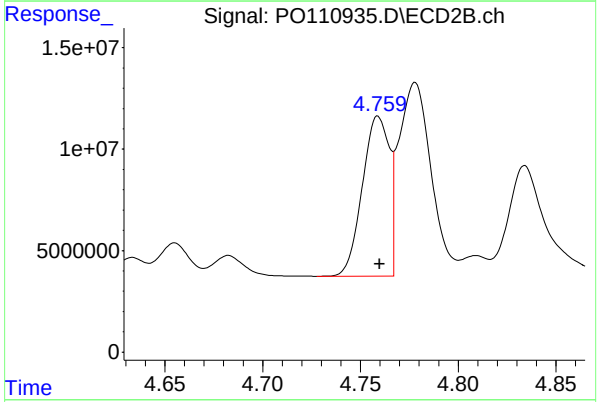
R.T.: 8.674 min
Delta R.T.: -0.002 min
Response: 32090657
Conc: 19.02 ng/ml



#3 AR-1016-1

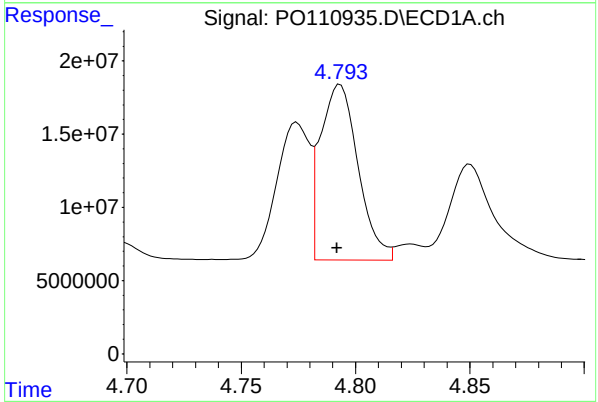
R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 93420006
Conc: 422.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMSD



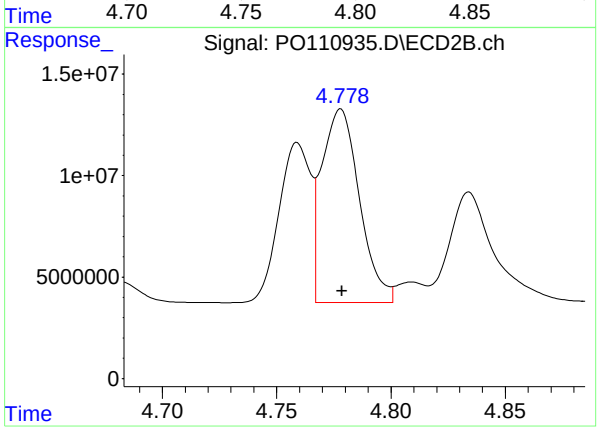
#3 AR-1016-1

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 75675260
Conc: 476.31 ng/ml



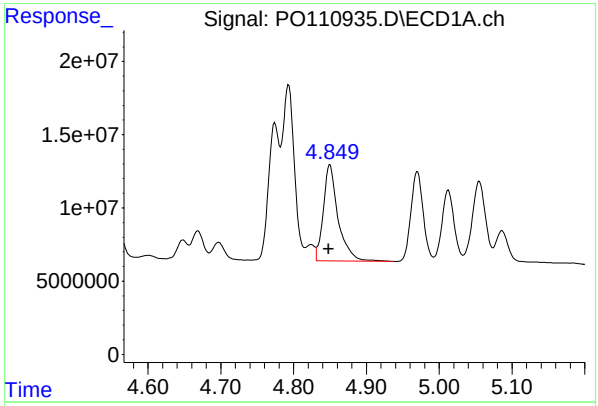
#4 AR-1016-2

R.T.: 4.793 min
Delta R.T.: 0.001 min
Response: 137329836
Conc: 442.75 ng/ml



#4 AR-1016-2

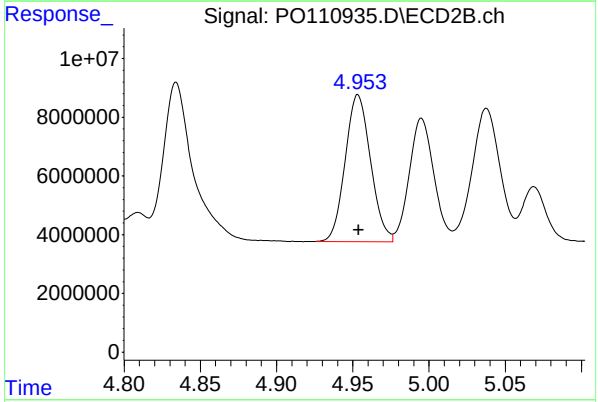
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 109710744
Conc: 479.99 ng/ml



#5 AR-1016-3

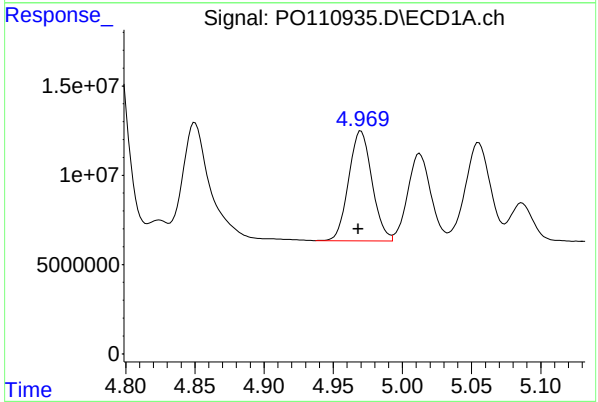
R.T.: 4.850 min
Delta R.T.: 0.002 min
Response: 92934180
Conc: 406.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMSD



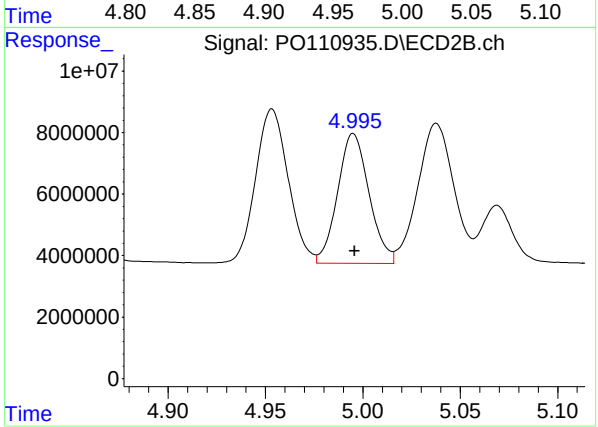
#5 AR-1016-3

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 58301283
Conc: 478.13 ng/ml



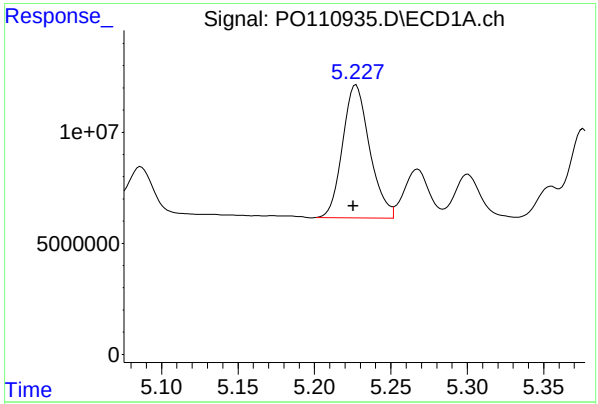
#6 AR-1016-4

R.T.: 4.970 min
Delta R.T.: 0.002 min
Response: 72173313
Conc: 431.68 ng/ml



#6 AR-1016-4

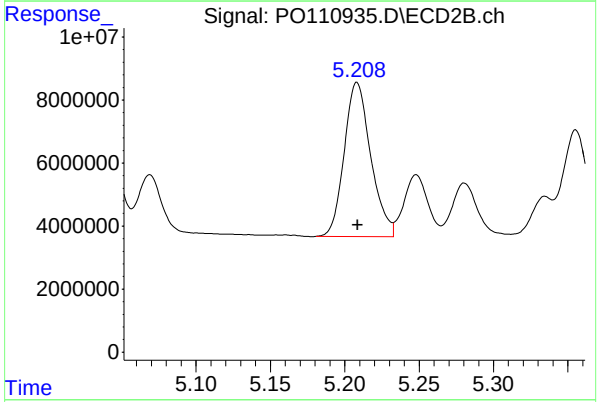
R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 47407166
Conc: 470.49 ng/ml



#7 AR-1016-5

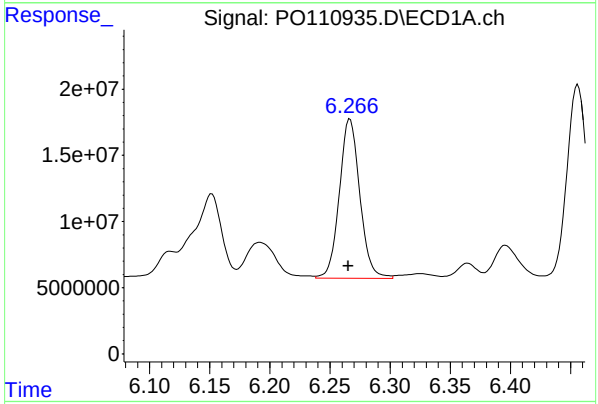
R.T.: 5.227 min
Delta R.T.: 0.002 mi
Response: 74183115
Conc: 416.55 ng/m

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMSD



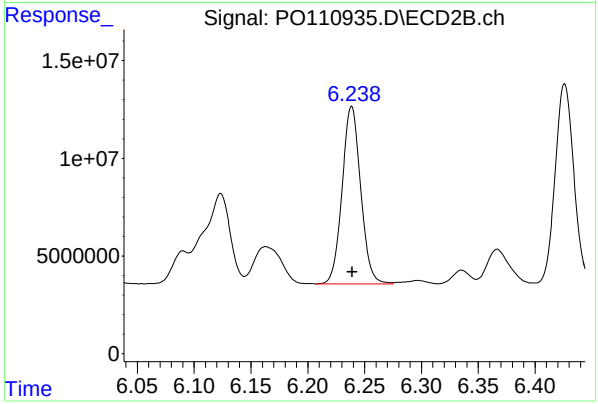
#7 AR-1016-5

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 60619921
Conc: 461.33 ng/ml



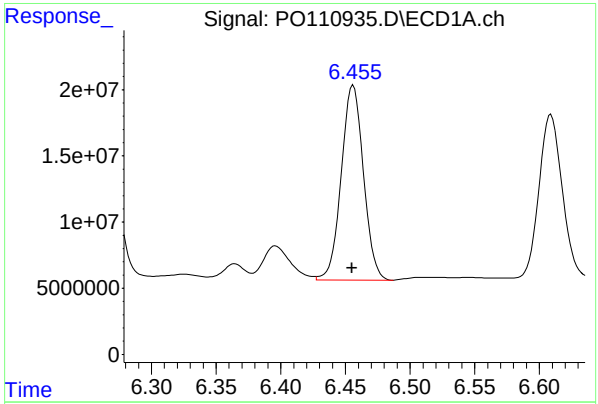
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: 0.001 min
Response: 142798599
Conc: 429.31 ng/ml



#31 AR-1260-1

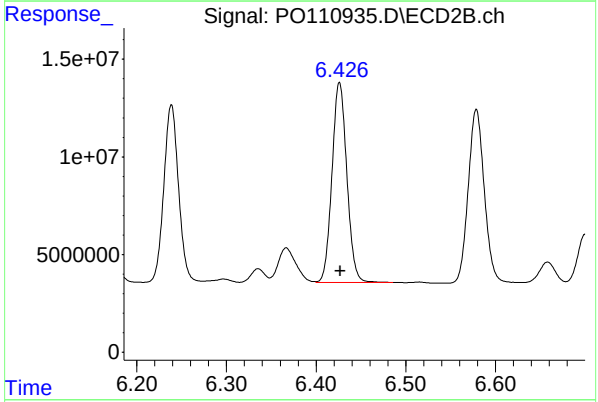
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 103424926
Conc: 468.48 ng/ml



#32 AR-1260-2

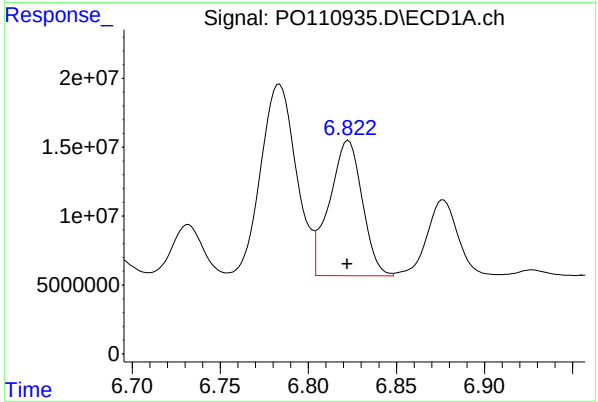
R.T.: 6.456 min
Delta R.T.: 0.001 min
Response: 175900755
Conc: 424.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMSD



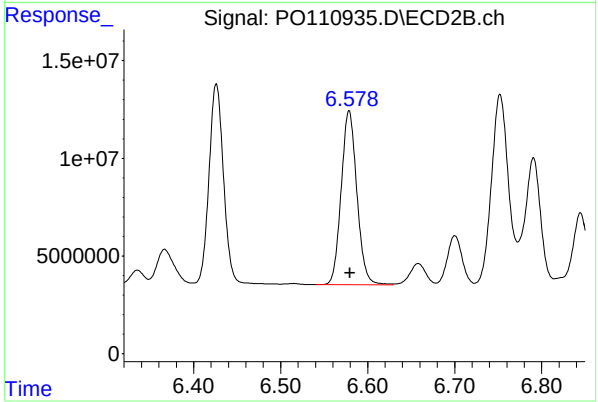
#32 AR-1260-2

R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 118208547
Conc: 459.55 ng/ml



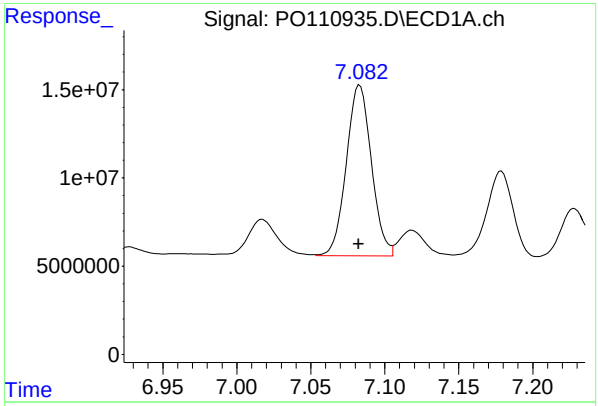
#33 AR-1260-3

R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 127351573
Conc: 361.52 ng/ml



#33 AR-1260-3

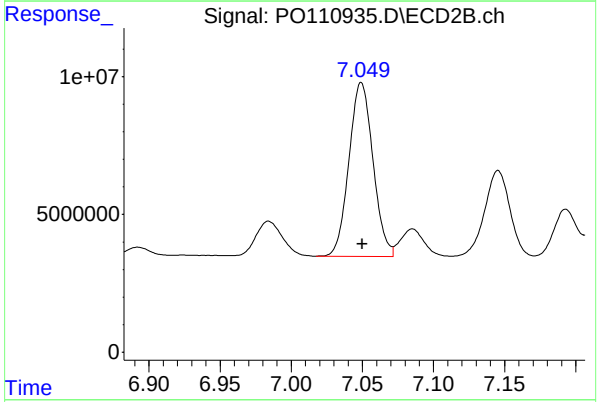
R.T.: 6.579 min
Delta R.T.: -0.001 min
Response: 111422350
Conc: 477.91 ng/ml



#34 AR-1260-4

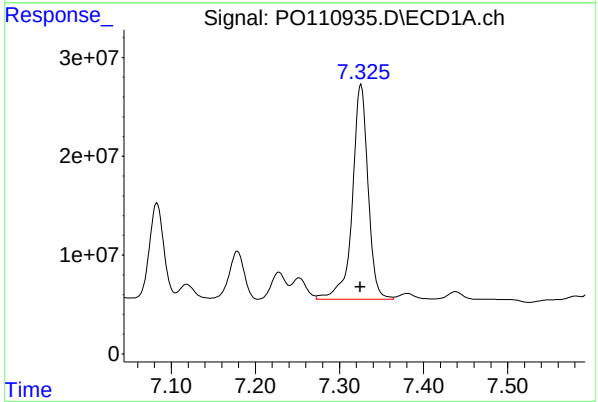
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 114523924
Conc: 376.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
SMALL-PILE-AMSD



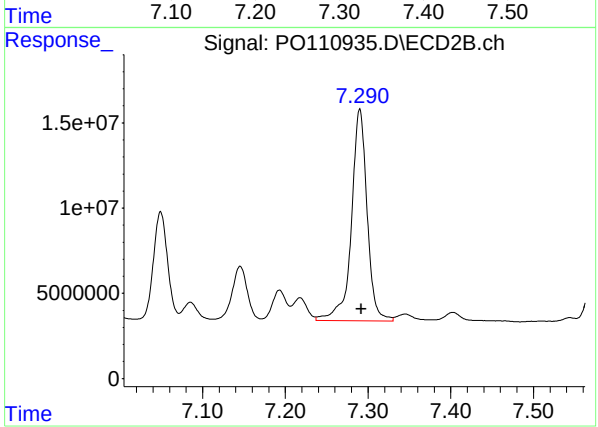
#34 AR-1260-4

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 74386461
Conc: 408.50 ng/ml



#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: 0.001 min
Response: 282008079
Conc: 384.01 ng/ml



#35 AR-1260-5

R.T.: 7.290 min
Delta R.T.: -0.002 min
Response: 164200448
Conc: 417.61 ng/ml

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Manual Integration Report

Sequence:	PO050225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO110896.D	AR-1260-4 #2	yogesh	5/5/2025 7:39:44 AM	mohammad	5/6/2025 4:48:57	Peak Integrated by Software
AR1660ICC050	PO110896.D	AR-1260-5 #2	yogesh	5/5/2025 7:39:44 AM	mohammad	5/6/2025 4:48:57	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-1 #2	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-2 #2	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-3	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-3 #2	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-4	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	AR-1268-4 #2	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	Tetrachloro-m-xylene	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICC050	PO110919.D	Tetrachloro-m-xylene #2	yogesh	5/5/2025 7:39:48 AM	mohammad	5/6/2025 4:48:54	Peak Integrated by Software
AR1268ICV500	PO110924.D	AR-1268-1	yogesh	5/5/2025 7:39:50 AM	mohammad	5/6/2025 4:48:51	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO050525	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	PP042225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP071393.D	AR-1260-3	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1660ICC050	PP071393.D	AR-1260-4	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1660ICC050	PP071393.D	AR-1260-5	yogesh	4/23/2025 7:32:38 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1254ICC750	PP071407.D	AR-1254-5	yogesh	4/23/2025 7:32:40 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1254ICC050	PP071410.D	Tetrachloro-m-xylene	yogesh	4/23/2025 7:32:41 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC1000	PP071412.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:43 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC750	PP071413.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:44 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC500	PP071414.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:46 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC250	PP071415.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:48 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-1	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICC050	PP071416.D	AR-1268-2	yogesh	4/23/2025 7:32:50 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software
AR1268ICV500	PP071421.D	AR-1268-1 #2	yogesh	4/23/2025 7:32:52 AM	mohammad	4/24/2025 6:33:42	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP042225	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	PP050525	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1938-01	PP071775.D	AR-1254-1	yogesh	5/6/2025 10:21:46 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software
Q1938-01	PP071775.D	AR-1254-2	yogesh	5/6/2025 10:21:46 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software
Q1938-01	PP071775.D	AR-1254-3	yogesh	5/6/2025 10:21:46 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software
Q1938-01	PP071775.D	AR-1254-4	yogesh	5/6/2025 10:21:46 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software
Q1938-01	PP071775.D	AR-1254-5 #2	yogesh	5/6/2025 10:21:46 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software
AR1660CCC500	PP071781.D	AR-1016-1 #2	yogesh	5/6/2025 10:21:48 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software
AR1660CCC500	PP071781.D	AR-1016-2 #2	yogesh	5/6/2025 10:21:48 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software
AR1660CCC500	PP071794.D	AR-1016-1 #2	yogesh	5/6/2025 10:21:55 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software
AR1660CCC500	PP071794.D	AR-1016-2 #2	yogesh	5/6/2025 10:21:55 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software
AR1242CCC500	PP071795.D	AR-1242-1 #2	yogesh	5/6/2025 10:21:57 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software
AR1242CCC500	PP071795.D	AR-1242-2 #2	yogesh	5/6/2025 10:21:57 AM	mohammad	5/7/2025 6:08:46	Peak Integrated by Software

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO050225

Review By	yogesh	Review On	5/2/2025 11:26:03 AM		
Supervise By	mohammad	Supervise On	5/6/2025 4:49:19 AM		
SubDirectory	PO050225	HP Acquire Method		HP Processing Method	PO050225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO110890.D	02 May 2025 09:08	YP/AJ	Ok
2	I.BLK	PO110891.D	02 May 2025 09:27	YP/AJ	Ok
3	AR1660ICC1000	PO110892.D	02 May 2025 09:45	YP/AJ	Ok
4	AR1660ICC750	PO110893.D	02 May 2025 10:04	YP/AJ	Ok
5	AR1660ICC500	PO110894.D	02 May 2025 10:21	YP/AJ	Ok
6	AR1660ICC250	PO110895.D	02 May 2025 10:39	YP/AJ	Ok
7	AR1660ICC050	PO110896.D	02 May 2025 10:58	YP/AJ	Ok,M
8	AR1221ICC500	PO110897.D	02 May 2025 11:16	YP/AJ	Ok
9	AR1232ICC500	PO110898.D	02 May 2025 11:34	YP/AJ	Ok
10	AR1242ICC1000	PO110899.D	02 May 2025 11:53	YP/AJ	Ok
11	AR1242ICC750	PO110900.D	02 May 2025 12:11	YP/AJ	Ok
12	AR1242ICC500	PO110901.D	02 May 2025 12:29	YP/AJ	Ok
13	AR1242ICC250	PO110902.D	02 May 2025 12:48	YP/AJ	Ok
14	AR1242ICC050	PO110903.D	02 May 2025 13:06	YP/AJ	Ok
15	AR1248ICC1000	PO110904.D	02 May 2025 13:25	YP/AJ	Ok
16	AR1248ICC750	PO110905.D	02 May 2025 13:43	YP/AJ	Ok
17	AR1248ICC500	PO110906.D	02 May 2025 14:00	YP/AJ	Ok
18	AR1248ICC250	PO110907.D	02 May 2025 14:35	YP/AJ	Ok
19	AR1248ICC050	PO110908.D	02 May 2025 14:53	YP/AJ	Ok
20	AR1254ICC1000	PO110909.D	02 May 2025 15:12	YP/AJ	Ok
21	AR1254ICC750	PO110910.D	02 May 2025 15:30	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO050225

Review By	yogesh	Review On	5/2/2025 11:26:03 AM		
Supervise By	mohammad	Supervise On	5/6/2025 4:49:19 AM		
SubDirectory	PO050225	HP Acquire Method		HP Processing Method	PO050225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO110911.D	02 May 2025 15:48	YP/AJ	Ok
23	AR1254ICC250	PO110912.D	02 May 2025 16:07	YP/AJ	Ok
24	AR1254ICC050	PO110913.D	02 May 2025 16:25	YP/AJ	Ok
25	AR1262ICC500	PO110914.D	02 May 2025 17:01	YP/AJ	Ok
26	AR1268ICC1000	PO110915.D	02 May 2025 17:19	YP/AJ	Ok
27	AR1268ICC750	PO110916.D	02 May 2025 17:38	YP/AJ	Ok
28	AR1268ICC500	PO110917.D	02 May 2025 17:55	YP/AJ	Ok
29	AR1268ICC250	PO110918.D	02 May 2025 18:12	YP/AJ	Ok
30	AR1268ICC050	PO110919.D	02 May 2025 18:29	YP/AJ	Ok,M
31	PO050225ICV500	PO110920.D	02 May 2025 19:41	YP/AJ	Ok
32	AR1242ICV500	PO110921.D	02 May 2025 20:18	YP/AJ	Ok
33	AR1248ICV500	PO110922.D	02 May 2025 20:54	YP/AJ	Ok
34	AR1254ICV500	PO110923.D	02 May 2025 21:31	YP/AJ	Ok
35	AR1268ICV500	PO110924.D	02 May 2025 22:08	YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO050525

Review By	yogesh	Review On	5/5/2025 11:48:50 AM		
Supervise By	mohammad	Supervise On	5/7/2025 6:08:38 AM		
SubDirectory	PO050525	HP Acquire Method		HP Processing Method	PO050225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO110925.D	05 May 2025 09:13	YP/AJ	Ok
2	AR1660CCC500	PO110926.D	05 May 2025 10:03	YP/AJ	Ok
3	AR1242CCC500	PO110927.D	05 May 2025 10:21	YP/AJ	Ok
4	AR1248CCC500	PO110928.D	05 May 2025 10:40	YP/AJ	Ok
5	AR1254CCC500	PO110929.D	05 May 2025 10:58	YP/AJ	Ok
6	I.BLK	PO110930.D	05 May 2025 11:16	YP/AJ	Ok
7	PB167853BL	PO110931.D	05 May 2025 13:09	YP/AJ	Ok
8	PB167853BS	PO110932.D	05 May 2025 13:27	YP/AJ	Ok
9	Q1936-01	PO110933.D	05 May 2025 13:45	YP/AJ	Ok
10	Q1936-01MS	PO110934.D	05 May 2025 14:04	YP/AJ	Ok
11	Q1936-01MSD	PO110935.D	05 May 2025 14:22	YP/AJ	Ok
12	Q1936-03	PO110936.D	05 May 2025 14:40	YP/AJ	Ok,M
13	Q1936-05	PO110937.D	05 May 2025 14:59	YP/AJ	Ok
14	Q1936-07	PO110938.D	05 May 2025 15:17	YP/AJ	Ok,M
15	Q1937-01	PO110939.D	05 May 2025 15:36	YP/AJ	Ok
16	Q1937-03	PO110940.D	05 May 2025 15:54	YP/AJ	Ok
17	AR1660CCC500	PO110941.D	05 May 2025 17:07	YP/AJ	Ok
18	AR1242CCC500	PO110942.D	05 May 2025 17:44	YP/AJ	Ok
19	AR1248CCC500	PO110943.D	05 May 2025 18:02	YP/AJ	Ok
20	AR1254CCC500	PO110944.D	05 May 2025 18:21	YP/AJ	Ok
21	I.BLK	PO110945.D	05 May 2025 18:39	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071387.D	22 Apr 2025 09:56	YP\AJ	Ok
2	I.BLK	PP071388.D	22 Apr 2025 10:13	YP\AJ	Ok
3	AR1660ICC1000	PP071389.D	22 Apr 2025 10:29	YP\AJ	Ok
4	AR1660ICC750	PP071390.D	22 Apr 2025 10:45	YP\AJ	Ok
5	AR1660ICC500	PP071391.D	22 Apr 2025 11:02	YP\AJ	Ok
6	AR1660ICC250	PP071392.D	22 Apr 2025 11:18	YP\AJ	Ok
7	AR1660ICC050	PP071393.D	22 Apr 2025 11:34	YP\AJ	Ok,M
8	AR1221ICC500	PP071394.D	22 Apr 2025 11:51	YP\AJ	Ok
9	AR1232ICC500	PP071395.D	22 Apr 2025 12:07	YP\AJ	Ok
10	AR1242ICC1000	PP071396.D	22 Apr 2025 12:23	YP\AJ	Ok
11	AR1242ICC750	PP071397.D	22 Apr 2025 12:39	YP\AJ	Ok
12	AR1242ICC500	PP071398.D	22 Apr 2025 12:56	YP\AJ	Ok
13	AR1242ICC250	PP071399.D	22 Apr 2025 13:12	YP\AJ	Ok
14	AR1242ICC050	PP071400.D	22 Apr 2025 13:28	YP\AJ	Ok
15	AR1248ICC1000	PP071401.D	22 Apr 2025 13:45	YP\AJ	Ok
16	AR1248ICC750	PP071402.D	22 Apr 2025 14:01	YP\AJ	Ok
17	AR1248ICC500	PP071403.D	22 Apr 2025 14:17	YP\AJ	Ok
18	AR1248ICC250	PP071404.D	22 Apr 2025 14:33	YP\AJ	Ok
19	AR1248ICC050	PP071405.D	22 Apr 2025 14:50	YP\AJ	Ok
20	AR1254ICC1000	PP071406.D	22 Apr 2025 15:06	YP\AJ	Ok
21	AR1254ICC750	PP071407.D	22 Apr 2025 15:22	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP071408.D	22 Apr 2025 15:38	YP\AJ	Ok
23	AR1254ICC250	PP071409.D	22 Apr 2025 15:55	YP\AJ	Ok
24	AR1254ICC050	PP071410.D	22 Apr 2025 16:11	YP\AJ	Ok,M
25	AR1262ICC500	PP071411.D	22 Apr 2025 16:27	YP\AJ	Ok
26	AR1268ICC1000	PP071412.D	22 Apr 2025 16:44	YP\AJ	Ok,M
27	AR1268ICC750	PP071413.D	22 Apr 2025 17:00	YP\AJ	Ok,M
28	AR1268ICC500	PP071414.D	22 Apr 2025 17:16	YP\AJ	Ok,M
29	AR1268ICC250	PP071415.D	22 Apr 2025 17:33	YP\AJ	Ok,M
30	AR1268ICC050	PP071416.D	22 Apr 2025 17:49	YP\AJ	Ok,M
31	PP042225ICV500	PP071417.D	22 Apr 2025 18:05	YP\AJ	Ok
32	AR1242ICV500	PP071418.D	22 Apr 2025 18:38	YP\AJ	Ok
33	AR1248ICV500	PP071419.D	22 Apr 2025 19:27	YP\AJ	Ok
34	AR1254ICV500	PP071420.D	22 Apr 2025 19:43	YP\AJ	Ok
35	AR1268ICV500	PP071421.D	22 Apr 2025 20:16	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP050525

Review By	yogesh	Review On	5/5/2025 11:49:46 AM		
Supervise By	mohammad	Supervise On	5/7/2025 6:08:46 AM		
SubDirectory	PP050525	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP071765.D	05 May 2025 09:49	YP\AJ	Ok
2	AR1660CCC500	PP071766.D	05 May 2025 10:06	YP\AJ	Ok
3	AR1242CCC500	PP071767.D	05 May 2025 10:22	YP\AJ	Ok
4	AR1248CCC500	PP071768.D	05 May 2025 10:39	YP\AJ	Ok
5	AR1254CCC500	PP071769.D	05 May 2025 10:56	YP\AJ	Ok
6	I.BLK	PP071770.D	05 May 2025 11:12	YP\AJ	Ok
7	Q1937-05	PP071771.D	05 May 2025 13:03	YP\AJ	Ok
8	Q1937-07	PP071772.D	05 May 2025 13:20	YP\AJ	Ok
9	Q1937-09	PP071773.D	05 May 2025 13:36	YP\AJ	Ok
10	Q1937-11	PP071774.D	05 May 2025 13:53	YP\AJ	Ok
11	Q1938-01	PP071775.D	05 May 2025 14:10	YP\AJ	Ok,M
12	Q1938-03	PP071776.D	05 May 2025 14:26	YP\AJ	Ok
13	Q1938-05	PP071777.D	05 May 2025 14:43	YP\AJ	Ok
14	Q1938-07	PP071778.D	05 May 2025 14:59	YP\AJ	Ok
15	Q1946-01	PP071779.D	05 May 2025 15:15	YP\AJ	Ok
16	Q1947-01	PP071780.D	05 May 2025 15:32	YP\AJ	Ok
17	AR1660CCC500	PP071781.D	05 May 2025 16:54	YP\AJ	Ok,M
18	AR1242CCC500	PP071782.D	05 May 2025 17:26	YP\AJ	Ok
19	AR1248CCC500	PP071783.D	05 May 2025 17:43	YP\AJ	Ok
20	AR1254CCC500	PP071784.D	05 May 2025 17:59	YP\AJ	Ok
21	I.BLK	PP071785.D	05 May 2025 18:15	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP050525

Review By	yogesh	Review On	5/5/2025 11:49:46 AM		
Supervise By	mohammad	Supervise On	5/7/2025 6:08:46 AM		
SubDirectory	PP050525	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB167864BL	PP071786.D	05 May 2025 18:32	YP\AJ	Ok
23	PB167864BS	PP071787.D	05 May 2025 18:48	YP\AJ	Ok,M
24	Q1947-05	PP071788.D	05 May 2025 19:04	YP\AJ	Ok
25	Q1951-01	PP071789.D	05 May 2025 19:21	YP\AJ	Ok
26	Q1952-01	PP071790.D	05 May 2025 19:37	YP\AJ	Ok,M
27	Q1955-01	PP071791.D	05 May 2025 19:53	YP\AJ	Ok
28	Q1954-01	PP071792.D	05 May 2025 20:10	YP\AJ	Ok,M
29	Q1954-02	PP071793.D	05 May 2025 20:26	YP\AJ	Ok
30	AR1660CCC500	PP071794.D	05 May 2025 21:47	YP\AJ	Ok,M
31	AR1242CCC500	PP071795.D	05 May 2025 22:20	YP\AJ	Ok,M
32	AR1248CCC500	PP071796.D	05 May 2025 22:36	YP\AJ	Ok
33	AR1254CCC500	PP071797.D	05 May 2025 22:53	YP\AJ	Ok
34	I.BLK	PP071798.D	05 May 2025 23:09	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO050225

Review By	yogesh	Review On	5/2/2025 11:26:03 AM		
Supervise By	mohammad	Supervise On	5/6/2025 4:49:19 AM		
SubDirectory	PO050225	HP Acquire Method		HP Processing Method	PO050225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO110890.D	02 May 2025 09:08		YP/AJ	Ok
2	I.BLK	I.BLK	PO110891.D	02 May 2025 09:27		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO110892.D	02 May 2025 09:45		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO110893.D	02 May 2025 10:04		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO110894.D	02 May 2025 10:21		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO110895.D	02 May 2025 10:39		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO110896.D	02 May 2025 10:58		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO110897.D	02 May 2025 11:16		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO110898.D	02 May 2025 11:34		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO110899.D	02 May 2025 11:53		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO110900.D	02 May 2025 12:11		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO110901.D	02 May 2025 12:29		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO110902.D	02 May 2025 12:48		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO110903.D	02 May 2025 13:06		YP/AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PO110904.D	02 May 2025 13:25		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO110905.D	02 May 2025 13:43		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO110906.D	02 May 2025 14:00		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO110907.D	02 May 2025 14:35		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO050225

Review By	yogesh	Review On	5/2/2025 11:26:03 AM		
Supervise By	mohammad	Supervise On	5/6/2025 4:49:19 AM		
SubDirectory	PO050225	HP Acquire Method		HP Processing Method	PO050225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO110908.D	02 May 2025 14:53		YP/AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PO110909.D	02 May 2025 15:12		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO110910.D	02 May 2025 15:30		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO110911.D	02 May 2025 15:48		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO110912.D	02 May 2025 16:07		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO110913.D	02 May 2025 16:25		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO110914.D	02 May 2025 17:01		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO110915.D	02 May 2025 17:19		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO110916.D	02 May 2025 17:38		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO110917.D	02 May 2025 17:55		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO110918.D	02 May 2025 18:12		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO110919.D	02 May 2025 18:29		YP/AJ	Ok,M
31	PO050225ICV500	ICVPO050225	PO110920.D	02 May 2025 19:41		YP/AJ	Ok
32	AR1242ICV500	ICVPO050225AR1242	PO110921.D	02 May 2025 20:18		YP/AJ	Ok
33	AR1248ICV500	ICVPO050225AR1248	PO110922.D	02 May 2025 20:54		YP/AJ	Ok
34	AR1254ICV500	ICVPO050225AR1254	PO110923.D	02 May 2025 21:31		YP/AJ	Ok
35	AR1268ICV500	ICVPO050225AR1268	PO110924.D	02 May 2025 22:08		YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO050525

Review By	yogesh	Review On	5/5/2025 11:48:50 AM		
Supervise By	mohammad	Supervise On	5/7/2025 6:08:38 AM		
SubDirectory	PO050525	HP Acquire Method		HP Processing Method	PO050225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO110925.D	05 May 2025 09:13		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO110926.D	05 May 2025 10:03		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO110927.D	05 May 2025 10:21		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO110928.D	05 May 2025 10:40		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO110929.D	05 May 2025 10:58		YP/AJ	Ok
6	I.BLK	I.BLK	PO110930.D	05 May 2025 11:16		YP/AJ	Ok
7	PB167853BL	PB167853BL	PO110931.D	05 May 2025 13:09		YP/AJ	Ok
8	PB167853BS	PB167853BS	PO110932.D	05 May 2025 13:27		YP/AJ	Ok
9	Q1936-01	SMALL-PILE-A	PO110933.D	05 May 2025 13:45		YP/AJ	Ok
10	Q1936-01MS	SMALL-PILE-AMS	PO110934.D	05 May 2025 14:04		YP/AJ	Ok
11	Q1936-01MSD	SMALL-PILE-AMSD	PO110935.D	05 May 2025 14:22		YP/AJ	Ok
12	Q1936-03	SMALL-PILE-B	PO110936.D	05 May 2025 14:40		YP/AJ	Ok,M
13	Q1936-05	SMALL-PILE-C	PO110937.D	05 May 2025 14:59		YP/AJ	Ok
14	Q1936-07	SMALL-PILE-D	PO110938.D	05 May 2025 15:17		YP/AJ	Ok,M
15	Q1937-01	LARGE-PILE-A	PO110939.D	05 May 2025 15:36		YP/AJ	Ok
16	Q1937-03	LARGE-PILE-B	PO110940.D	05 May 2025 15:54		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO110941.D	05 May 2025 17:07		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO110942.D	05 May 2025 17:44		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO050525

Review By	yogesh	Review On	5/5/2025 11:48:50 AM		
Supervise By	mohammad	Supervise On	5/7/2025 6:08:38 AM		
SubDirectory	PO050525	HP Acquire Method		HP Processing Method	PO050225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PO110943.D	05 May 2025 18:02		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO110944.D	05 May 2025 18:21		YP/AJ	Ok
21	I.BLK	I.BLK	PO110945.D	05 May 2025 18:39		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071387.D	22 Apr 2025 09:56		YP\AJ	Ok
2	I.BLK	I.BLK	PP071388.D	22 Apr 2025 10:13		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP071389.D	22 Apr 2025 10:29		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP071390.D	22 Apr 2025 10:45		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP071391.D	22 Apr 2025 11:02		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP071392.D	22 Apr 2025 11:18		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP071393.D	22 Apr 2025 11:34		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP071394.D	22 Apr 2025 11:51		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP071395.D	22 Apr 2025 12:07		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP071396.D	22 Apr 2025 12:23		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP071397.D	22 Apr 2025 12:39		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP071398.D	22 Apr 2025 12:56		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP071399.D	22 Apr 2025 13:12		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP071400.D	22 Apr 2025 13:28		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP071401.D	22 Apr 2025 13:45		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP071402.D	22 Apr 2025 14:01		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP071403.D	22 Apr 2025 14:17		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP071404.D	22 Apr 2025 14:33		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 # PP042225

Review By	yogesh	Review On	4/22/2025 1:34:56 PM		
Supervise By	mohammad	Supervise On	4/24/2025 6:33:42 AM		
SubDirectory	PP042225	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP071405.D	22 Apr 2025 14:50		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP071406.D	22 Apr 2025 15:06		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP071407.D	22 Apr 2025 15:22		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP071408.D	22 Apr 2025 15:38		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP071409.D	22 Apr 2025 15:55		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP071410.D	22 Apr 2025 16:11		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP071411.D	22 Apr 2025 16:27		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP071412.D	22 Apr 2025 16:44		YP\AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP071413.D	22 Apr 2025 17:00		YP\AJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP071414.D	22 Apr 2025 17:16		YP\AJ	Ok,M
29	AR1268ICC250	AR1268ICC250	PP071415.D	22 Apr 2025 17:33		YP\AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP071416.D	22 Apr 2025 17:49		YP\AJ	Ok,M
31	PP042225ICV500	ICVPP042225	PP071417.D	22 Apr 2025 18:05		YP\AJ	Ok
32	AR1242ICV500	ICVPP042225AR1242	PP071418.D	22 Apr 2025 18:38		YP\AJ	Ok
33	AR1248ICV500	ICVPP042225AR1248	PP071419.D	22 Apr 2025 19:27		YP\AJ	Ok
34	AR1254ICV500	ICVPP042225AR1254	PP071420.D	22 Apr 2025 19:43		YP\AJ	Ok
35	AR1268ICV500	ICVPP042225AR1268	PP071421.D	22 Apr 2025 20:16		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_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP050525

Review By	yogesh	Review On	5/5/2025 11:49:46 AM		
Supervise By	mohammad	Supervise On	5/7/2025 6:08:46 AM		
SubDirectory	PP050525	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP071765.D	05 May 2025 09:49		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP071766.D	05 May 2025 10:06		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP071767.D	05 May 2025 10:22		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP071768.D	05 May 2025 10:39		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP071769.D	05 May 2025 10:56		YP\AJ	Ok
6	I.BLK	I.BLK	PP071770.D	05 May 2025 11:12		YP\AJ	Ok
7	Q1937-05	LARGE-PILE-C	PP071771.D	05 May 2025 13:03		YP\AJ	Ok
8	Q1937-07	LARGE-PILE-D	PP071772.D	05 May 2025 13:20		YP\AJ	Ok
9	Q1937-09	LARGE-PILE-E	PP071773.D	05 May 2025 13:36		YP\AJ	Ok
10	Q1937-11	LARGE-PILE-F	PP071774.D	05 May 2025 13:53		YP\AJ	Ok
11	Q1938-01	LOWER-WALL-PILE-A	PP071775.D	05 May 2025 14:10	AR1254 Hit	YP\AJ	Ok,M
12	Q1938-03	LOWER-WALL-PILE-B	PP071776.D	05 May 2025 14:26		YP\AJ	Ok
13	Q1938-05	LOWER-WALL-PILE-C	PP071777.D	05 May 2025 14:43		YP\AJ	Ok
14	Q1938-07	LOWER-WALL-PILE-D	PP071778.D	05 May 2025 14:59		YP\AJ	Ok
15	Q1946-01	BB-CONCRETE	PP071779.D	05 May 2025 15:15		YP\AJ	Ok
16	Q1947-01	MH-P	PP071780.D	05 May 2025 15:32		YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP071781.D	05 May 2025 16:54		YP\AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PP071782.D	05 May 2025 17:26		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 # PP050525

Review By	yogesh	Review On	5/5/2025 11:49:46 AM		
Supervise By	mohammad	Supervise On	5/7/2025 6:08:46 AM		
SubDirectory	PP050525	HP Acquire Method		HP Processing Method	PP042225

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PP071783.D	05 May 2025 17:43		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP071784.D	05 May 2025 17:59		YP\AJ	Ok
21	I.BLK	I.BLK	PP071785.D	05 May 2025 18:15		YP\AJ	Ok
22	PB167864BL	PB167864BL	PP071786.D	05 May 2025 18:32		YP\AJ	Ok
23	PB167864BS	PB167864BS	PP071787.D	05 May 2025 18:48		YP\AJ	Ok,M
24	Q1947-05	MH-O	PP071788.D	05 May 2025 19:04		YP\AJ	Ok
25	Q1951-01	MH-KK	PP071789.D	05 May 2025 19:21		YP\AJ	Ok
26	Q1952-01	CLEAN-FILL	PP071790.D	05 May 2025 19:37		YP\AJ	Ok,M
27	Q1955-01	LAW-25-0066	PP071791.D	05 May 2025 19:53		YP\AJ	Ok
28	Q1954-01	BC260874-1-1	PP071792.D	05 May 2025 20:10	DCB High in 1st column, AR1254 Hit	YP\AJ	Ok,M
29	Q1954-02	BC260874-1-2	PP071793.D	05 May 2025 20:26	AR1254 Hit	YP\AJ	Ok
30	AR1660CCC500	AR1660CCC500	PP071794.D	05 May 2025 21:47		YP\AJ	Ok,M
31	AR1242CCC500	AR1242CCC500	PP071795.D	05 May 2025 22:20		YP\AJ	Ok,M
32	AR1248CCC500	AR1248CCC500	PP071796.D	05 May 2025 22:36		YP\AJ	Ok
33	AR1254CCC500	AR1254CCC500	PP071797.D	05 May 2025 22:53		YP\AJ	Ok
34	I.BLK	I.BLK	PP071798.D	05 May 2025 23:09		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 05/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135646

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
Q1913-01	WC-12-S-202504	1	1.18	10.32	11.5	9.49	80.5	
Q1913-03	WC-13-S-202504	2	1.19	10.37	11.56	9.83	83.3	
Q1936-01	SMALL-PILE-A	33	1.15	9.94	11.09	10.18	90.8	
Q1936-02	SMALL-PILE-A	34	1.17	9.94	11.11	10.22	91.0	
Q1936-03	SMALL-PILE-B	35	1.18	10.39	11.57	10.93	93.8	
Q1936-04	SMALL-PILE-B	36	1.18	9.88	11.06	10.44	93.7	
Q1936-05	SMALL-PILE-C	37	1.15	10.03	11.18	10.9	97.2	
Q1936-06	SMALL-PILE-C	38	1.15	10.25	11.4	11.01	96.2	
Q1936-07	SMALL-PILE-D	39	1.16	10.41	11.57	10.97	94.2	
Q1936-08	SMALL-PILE-D	40	1.18	9.96	11.14	10.55	94.1	
Q1937-01	LARGE-PILE-A	41	1.15	10.13	11.28	10.7	94.3	
Q1937-02	LARGE-PILE-A	42	1.18	9.58	10.76	10.2	94.2	
Q1937-03	LARGE-PILE-B	43	1.15	10.03	11.18	10.82	96.4	
Q1937-04	LARGE-PILE-B	44	1.17	10.04	11.21	10.72	95.1	
Q1937-05	LARGE-PILE-C	45	1.16	10.19	11.35	10.83	94.9	
Q1937-06	LARGE-PILE-C	46	1.19	10.06	11.25	10.63	93.8	
Q1937-07	LARGE-PILE-D	47	1.18	10.33	11.51	10.95	94.6	
Q1937-08	LARGE-PILE-D	48	1.17	9.75	10.92	10.33	93.9	
Q1937-09	LARGE-PILE-E	49	1.16	10.14	11.3	10.52	92.3	
Q1937-10	LARGE-PILE-E	50	1.18	10.30	11.48	10.76	93.0	
Q1937-11	LARGE-PILE-F	51	1.18	10.48	11.66	10.58	89.7	
Q1937-12	LARGE-PILE-F	52	1.18	10.25	11.43	10.44	90.3	
Q1938-01	LOWER-WALL-PILE-A	53	1.15	10.33	11.48	10.77	93.1	
Q1938-02	LOWER-WALL-PILE-A	54	1.17	10.50	11.67	10.71	90.9	
Q1938-03	LOWER-WALL-PILE-B	55	1.14	10.15	11.29	10.94	96.6	
Q1938-04	LOWER-WALL-PILE-B	56	1.18	9.90	11.08	10.68	96.0	
Q1938-05	LOWER-WALL-PILE-C	57	1.17	10.23	11.4	11.07	96.8	
Q1938-06	LOWER-WALL-PILE-C	58	1.12	9.82	10.94	10.7	97.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 05/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135646

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
Q1938-07	LOWER-WALL-PILE-D	59	1.19	10.01	11.2	10.7	95.0	
Q1938-08	LOWER-WALL-PILE-D	60	1.17	10.23	11.4	10.86	94.7	
Q1942-05	SVOC-GPC-BLANK	3	1.00	1.00	2.00	2.00	100.0	
Q1942-06	PEST-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1942-07	PEST-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1942-08	PCB-GPC-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1942-09	PCB-GPC-BLANK-SPIKE	7	1.00	1.00	2.00	2.00	100.0	
Q1942-10	SVOC-GPC2-BLANK	8	1.00	1.00	2.00	2.00	100.0	
Q1942-11	PEST-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1942-12	PEST-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1942-13	PCB-GPC2-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q1942-14	PCB-GCP2-BLANK-SPIKE	12	1.00	1.00	2.00	2.00	100.0	
Q1944-01	MELTED-RUBBER-SAMPLE	13	1.00	1.00	2.00	2.00	100.0	MELTED-RUBBER-SAMPLE
Q1946-01	BB-CONCRETE	14	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1946-02	BB-CONCRETE	15	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1947-01	MH-P	16	1.18	10.19	11.37	9.28	79.5	
Q1947-02	MH-P-EPH	17	1.15	10.84	11.99	10.64	87.5	
Q1947-03	MH-P-VOC	18	1.16	10.71	11.87	10.5	87.2	
Q1947-05	MH-O	19	1.14	10.59	11.73	10.52	88.6	
Q1947-06	MH-O-EPH	20	1.12	10.00	11.12	9.91	87.9	
Q1947-07	MH-O-VOC	21	1.17	10.00	11.17	9.95	87.8	
Q1951-01	MH-KK	22	1.18	10.40	11.58	10.01	84.9	
Q1951-02	MH-KK-EPH	23	1.16	10.29	11.45	9.91	85.0	
Q1951-03	MH-KK-VOC	24	1.17	10.25	11.42	9.86	84.8	
Q1952-01	CLEAN-FILL	25	1.18	10.49	11.67	8.98	74.4	
Q1952-02	CLEAN-FILL-E2	26	1.13	10.10	11.23	8.47	72.7	
Q1953-01	AUD-25-0075	27	1.00	1.00	2.00	2.00	100.0	pilc
Q1953-02	AUD-25-0076	28	1.00	1.00	2.00	2.00	100.0	pilc

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/5/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 05/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135646

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
Q1953-03	AUD-25-0077	29	1.00	1.00	2.00	2.00	100.0	pilc
Q1954-01	BC260874-1-1	30	1.00	1.00	2.00	2.00	100.0	pilc
Q1954-02	BC260874-1-2	31	1.00	1.00	2.00	2.00	100.0	pilc
Q1955-01	LAW-25-0066	32	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

UBC13546

WorkList Name : %1-050225 **WorkList ID :** 189289 **Department :** Wet-Chemistry **Date :** 05-02-2025 14:36:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1913-01	WC-12-S-202504	Solid	Percent Solids	Cool 4 deg C	AECO02	L21	04/29/2025	Chemtech -SO
Q1913-03	WC-13-S-202504	Solid	Percent Solids	Cool 4 deg C	AECO02	L21	04/29/2025	Chemtech -SO
Q1936-01	SMALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-02	SMALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-03	SMALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-04	SMALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-05	SMALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-06	SMALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-07	SMALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1936-08	SMALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1937-01	LARGE-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L51	05/01/2025	Chemtech -SO
Q1937-02	LARGE-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-03	LARGE-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-04	LARGE-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-05	LARGE-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-06	LARGE-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-07	LARGE-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-08	LARGE-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-09	LARGE-PILE-E	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-10	LARGE-PILE-E	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1937-11	LARGE-PILE-F	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO

Date/Time 05/02/25 15:10

Raw Sample Received by: WC

Raw Sample Relinquished by: SH

Date/Time 05/02/25 17:10

Raw Sample Received by: SH

Raw Sample Relinquished by: WC

WORKLIST(Hardcopy Internal Chain)

B135646

WorkList Name : %1-050225 **WorkList ID :** 189289 **Department :** Wet-Chemistry **Date :** 05-02-2025 14:36:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1937-12	LARGE-PILE-F	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-01	LOWER-WALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-02	LOWER-WALL-PILE-A	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-03	LOWER-WALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-04	LOWER-WALL-PILE-B	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-05	LOWER-WALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-06	LOWER-WALL-PILE-C	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-07	LOWER-WALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1938-08	LOWER-WALL-PILE-D	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1942-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	SAXT01	L41	05/01/2025	Chemtech -SO
Q1942-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1942-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1944-01	MELTED-RUBBER-SAMPLE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L41	04/25/2025	Chemtech -SO
Q1946-01	BB-CONCRETE	Solid	Percent Solids	Cool 4 deg C	METE01	L41	05/02/2025	Chemtech -SO
					PSEG03	L41	05/02/2025	Chemtech -SO

Date/Time 05/02/25 15:10

Raw Sample Received by: JB Lee, SM

Raw Sample Relinquished by: SM

Date/Time 05/02/25 17:10

Raw Sample Received by: SM

Raw Sample Relinquished by: JB Lee

WORKLIST(Hardcopy Internal Chain)

VB135646

WorkList Name : %1-050225 **WorkList ID :** 189289 **Department :** Wet-Chemistry **Date :** 05-02-2025 14:36:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1946-02	BB-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-01	MH-P	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-02	MH-P-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-03	MH-P-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-05	MH-O	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-06	MH-O-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1947-07	MH-O-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1951-01	MH-KK	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1951-02	MH-KK-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/02/2025	Chemtech -SO
Q1951-03	MH-KK-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/02/2025	Chemtech -SO
Q1952-01	CLEAN-FILL	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/02/2025	Chemtech -SO
Q1952-02	CLEAN-FILL-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/02/2025	Chemtech -SO
Q1953-01	AUD-25-0075	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/02/2025	Chemtech -SO
Q1953-02	AUD-25-0076	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1953-03	AUD-25-0077	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1954-01	BC260874-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1954-02	BC260874-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO
Q1955-01	LAW-25-0066	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/02/2025	Chemtech -SO

Date/Time 05/02/25 15:10

Raw Sample Received by: SB WBC

Raw Sample Relinquished by: SM

Date/Time 05/02/25 17:10

Raw Sample Received by: SM

Raw Sample Relinquished by: SB WBC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167853

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 05/05/2025

Extraction Start Time : 08:35

Extraction End Date : 05/05/2025

Extraction End Time : 11:35

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24461
Surrogate	1.0ML	200 PPB	PP24460
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	EP2601
Baked Na2SO4	N/A	EP2607
Sand	N/A	E2865
Hexane	N/A	E3928
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS723.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/5/25	RS (GC Lab)	Y-P Pest IP Lab.
11:40	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167853

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 05/05/2025

Sample ID	Client Sample ID	Test	(g) mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167853BL	ABLK853	PCB	30.01	N/A	ritesh	Evelyn	10			U1-1
PB167853BS	ALCS853	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q1936-01	SMALL-PILE-A	PCB	30.04	N/A	ritesh	Evelyn	10	B		3
Q1936-01MS	SMALL-PILE-AMS	PCB	30.03	N/A	ritesh	Evelyn	10	B		4
Q1936-01MSD	SMALL-PILE-AMSD	PCB	30.01	N/A	ritesh	Evelyn	10	B		5
Q1936-03	SMALL-PILE-B	PCB	30.05	N/A	ritesh	Evelyn	10	B		6
Q1936-05	SMALL-PILE-C	PCB	30.03	N/A	ritesh	Evelyn	10	B		U2-1
Q1936-07	SMALL-PILE-D	PCB	30.06	N/A	ritesh	Evelyn	10	B		2
Q1937-01	LARGE-PILE-A	PCB	30.06	N/A	ritesh	Evelyn	10	B		3
Q1937-03	LARGE-PILE-B	PCB	30.05	N/A	ritesh	Evelyn	10	D		4
Q1937-05	LARGE-PILE-C	PCB	30.01	N/A	ritesh	Evelyn	10	D		5
Q1937-07	LARGE-PILE-D	PCB	30.08	N/A	ritesh	Evelyn	10	B		6
Q1937-09	LARGE-PILE-E	PCB	30.03	N/A	ritesh	Evelyn	10	B		U3-1
Q1937-11	LARGE-PILE-F	PCB	30.05	N/A	ritesh	Evelyn	10	D		2
Q1938-01	LOWER-WALL-PILE-A	PCB	30.02	N/A	ritesh	Evelyn	10	B		3
Q1938-03	LOWER-WALL-PILE-B	PCB	30.08	N/A	ritesh	Evelyn	10	B		4
Q1938-05	LOWER-WALL-PILE-C	PCB	30.07	N/A	ritesh	Evelyn	10	B		5
Q1938-07	LOWER-WALL-PILE-D	PCB	30.05	N/A	ritesh	Evelyn	10	D		6
Q1946-01	BB-CONCRETE	PCB	30.04	N/A	ritesh	Evelyn	10	E	Concrete	U7-1
Q1947-01	MH-P	PCB	30.02	N/A	ritesh	Evelyn	10	E		2
Q1947-05	MH-O	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q1951-01	MH-KK	PCB	30.01	N/A	ritesh	Evelyn	10	E		4
Q1952-01	CLEAN-FILL	PCB	30.05	N/A	ritesh	Evelyn	10	E		5
Q1955-01	LAW-25-0066	PCB	30.09	N/A	ritesh	Evelyn	10	B	Concrete	6

RS 5/5

* **Extracts relinguished on the same date as received.**

.676538:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1936 **WorkList ID :** 189297 **Department :** Extraction **Date :** 05-05-2025 08:30:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1936-01	SMALL-PILE-A	Solid	PCB	Cool 4 deg C	SAXT01	L51	05/01/2025	8082A
Q1936-03	SMALL-PILE-B	Solid	PCB	Cool 4 deg C	SAXT01	L51	05/01/2025	8082A
Q1936-05	SMALL-PILE-C	Solid	PCB	Cool 4 deg C	SAXT01	L51	05/01/2025	8082A
Q1936-07	SMALL-PILE-D	Solid	PCB	Cool 4 deg C	SAXT01	L51	05/01/2025	8082A
Q1937-01	LARGE-PILE-A	Solid	PCB	Cool 4 deg C	SAXT01	L41	05/01/2025	8082A
Q1937-03	LARGE-PILE-B	Solid	PCB	Cool 4 deg C	SAXT01	L41	05/01/2025	8082A
Q1937-05	LARGE-PILE-C	Solid	PCB	Cool 4 deg C	SAXT01	L41	05/01/2025	8082A
Q1937-07	LARGE-PILE-D	Solid	PCB	Cool 4 deg C	SAXT01	L41	05/01/2025	8082A
Q1937-09	LARGE-PILE-E	Solid	PCB	Cool 4 deg C	SAXT01	L41	05/01/2025	8082A
Q1937-11	LARGE-PILE-F	Solid	PCB	Cool 4 deg C	SAXT01	L41	05/01/2025	8082A
Q1938-01	LOWER-WALL-PILE-A	Solid	PCB	Cool 4 deg C	SAXT01	L41	05/01/2025	8082A
Q1938-03	LOWER-WALL-PILE-B	Solid	PCB	Cool 4 deg C	SAXT01	L41	05/01/2025	8082A
Q1938-05	LOWER-WALL-PILE-C	Solid	PCB	Cool 4 deg C	SAXT01	L41	05/01/2025	8082A
Q1938-07	LOWER-WALL-PILE-D	Solid	PCB	Cool 4 deg C	SAXT01	L41	05/01/2025	8082A
Q1946-01	BB-CONCRETE	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/02/2025	8082A
Q1947-01	MH-P	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/02/2025	8082A
Q1947-05	MH-O	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/02/2025	8082A
Q1951-01	MH-KK	Solid	PCB	Cool 4 deg C	PSEG03	L31	05/02/2025	8082A
Q1952-01	CLEAN-FILL	Solid	PCB	Cool 4 deg C	PSEG03	L21	05/02/2025	8082A
Q1955-01	LAW-25-0066	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/02/2025	8082A

Date/Time 05/05/25 8:30
Raw Sample Received by: RJ (Lab)
Raw Sample Relinquished by: SM

Date/Time 05/05/25 9:00
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q1938

Test : PCB

Prepbatch ID : PB167853,

Sequence ID/Qc Batch ID: PO050525,PP050525,

Standard ID :

EP2565,EP2601,EP2607,PP24329,PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369,PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387,PP24460,PP24461,

Chemical ID :

E2865,E3551,E3804,E3877,E3916,E3917,E3928,M5173,P11522,P12699,P12702,P12931,P12936,P12949,P12955,P12957,P13355,P13356,P13373,P13381,P13589,P13591,P13697,P13702,P13830,P13878,P13883,W3112,W3177,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2601	04/07/2025	10/03/2025	Rajesh Parikh	None	None	Riteshkumar Patel 04/07/2025

FROM 8000.00000ml of E3916 + 8000.00000ml of E3917 = Final Quantity: 8000.000 ml

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2607	04/25/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 04/25/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP24331	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	PP24332	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP24333	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	PP24334	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24332 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP24335	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13702 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP24336	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP24337	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24335 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP24338	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24335 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP24339	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24337 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP24340	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13878 + 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
1063	AR1232 750 PPB STD	PP24341	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP24342	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24340 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP24343	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24340 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP24344	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24342 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP24345	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12931 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP24346	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.75000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP24347	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24345 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP24348	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24345 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP24349	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24347 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP24350	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P12936 + 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
1075	AR1248 750 PPB STD	PP24351	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24350 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP24352	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24350 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP24353	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24350 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP24354	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24352 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP24355	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13830 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP24356	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP24357	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24355 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP24358	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24355 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP24359	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24357 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP24360	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13883 + 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
3753	AR1262 750 PPB STD	PP24361	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP24362	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24360 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP24363	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24360 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP24364	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24362 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP24365	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13381 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP24366	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP24367	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24365 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP24368	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24365 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP24369	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24367 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP24370	03/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12949 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP24371	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 98.50000ml of W3177 + 0.50000ml of PP24329 + 1.00000ml of PP24370 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP24372	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24371 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24373	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13373 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1886	AR1221 500 PPB ICV	PP24374	03/18/2025	08/12/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of E3877 + 0.50000ml of W3177 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24375	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12699 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP24376	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24375 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24377	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13589 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP24378	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24377 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24379	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13591 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP24380	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24379 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP24382	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP24384	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12702 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP24385	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24384 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24386	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P11522 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP24387	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24386 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24460	04/11/2025	10/03/2025	Abdul Mirza	None	None	Yogesh Patel 04/16/2025

FROM 1.00000ml of P13355 + 999.00000ml of E3917 = Final Quantity: 1000.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24461	04/11/2025	10/03/2025	Abdul Mirza	None	None	Yogesh Patel 04/16/2025

FROM 0.50000ml of P12955 + 99.50000ml of E3917 = Final Quantity: 100.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	0000243821	06/30/2025	04/30/2020 / RAJESH	04/28/2020 / RAJESH	E2865

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	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

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	11/05/2025	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 #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

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)	243570	10/03/2025	04/03/2025 / Rajesh	03/31/2025 / Rajesh	E3916

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	10/03/2025	04/03/2025 / Rajesh	03/31/2025 / Rajesh	E3917

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	10/22/2025	04/18/2025 / RUPESH	04/16/2025 / RUPESH	E3928

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)	0000281827	06/02/2025	06/01/2022 /	04/05/2022 / william	M5173

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 #
Absolute Standards,Inc	91867 / Aroclor 1232 100 ug/mL	020823	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12699

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	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12702

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	a0203672	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12931

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	a0202803	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12936

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	09/18/2025	03/18/2025 / yogesh	12/20/2023 / Yogesh	P12949

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	10/11/2025	04/11/2025 / Abdul	12/20/2023 / Yogesh	P12955

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	10/11/2025	04/11/2025 / Abdul	04/22/2024 / Abdul	P13355

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0207475	09/18/2025	03/18/2025 / yogesh	05/03/2024 / Abdul	P13381

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13589

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13591

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	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0215270	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13702

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	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0217391	09/18/2025	03/18/2025 / yogesh	12/09/2024 / Ankita	P13830

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	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13878

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	A0220950	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13883

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

Sand
Purified
Washed and Ignited

avantor™ | J.T.Baker®

Material No.: 3382-05
Batch No.: 0000243821
Manufactured Date: 2018/04/09
Retest Date: 2025/04/07
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Substances Soluble in HCl	<= 0.16 %	0.01

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC

E 2865

James T Ethier

Jamie Ethier
Vice President Global Quality

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

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
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:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
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%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
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%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
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.

RG-02-01, Ed. 3

Recd. by RB on 7/24/23 E3551

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

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd by RP on 2/12/25

E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

Certificate of Analysis

ThermoFisher SCIENTIFIC

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Harout Sahagian - Quality Control Manager - Fair Lawn

Rec'd by RP on 3/31/25

E3916

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

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

Recd. by RP on 03/31/25

E3917

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 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

E3928

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

Material No.: 9530-33
Batch No.: 0000281827
Manufactured Date: 2021/03/30
Retest Date: 2026/03/29
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.189
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	< 1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	0.5
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	15.0
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

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

Material No.: 9530-33
Batch No.: 0000281827

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	3.0
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	1.0
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	< 0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.2
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	18.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.4
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC



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

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refere

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Aceton

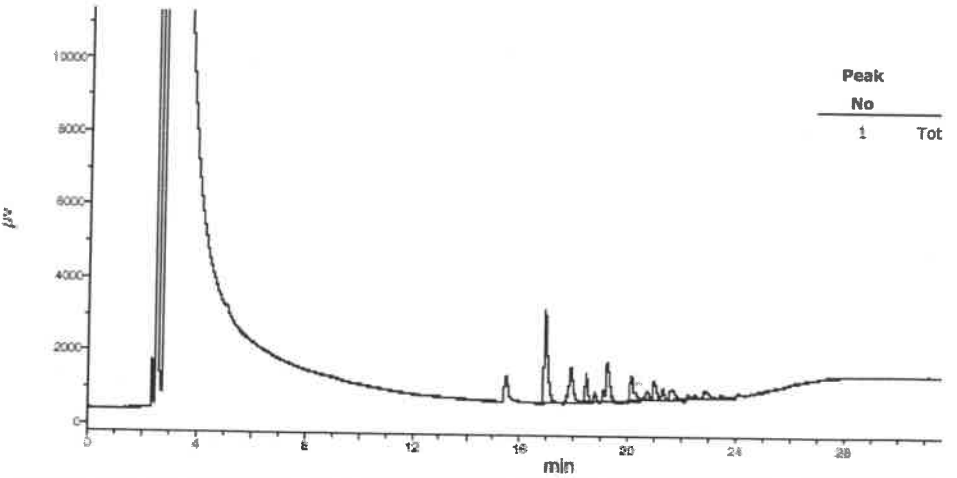
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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.:** A0203672

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12928
↓
P12932
AJ
12/07/23

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	----%	1,004.7 µg/mL	+/- 55.7515

* 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.)

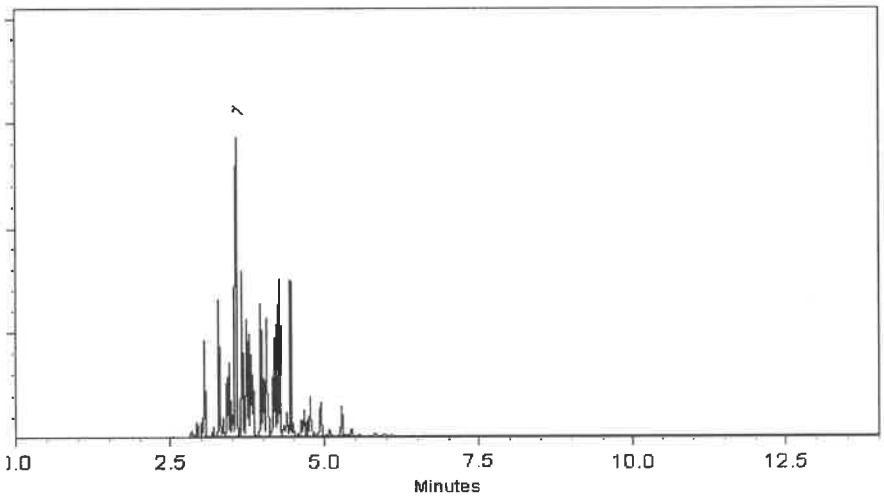
Inj. Temp:
250°C

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.

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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.

P12933 ↓ P12937 AJ 12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 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 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* 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.)

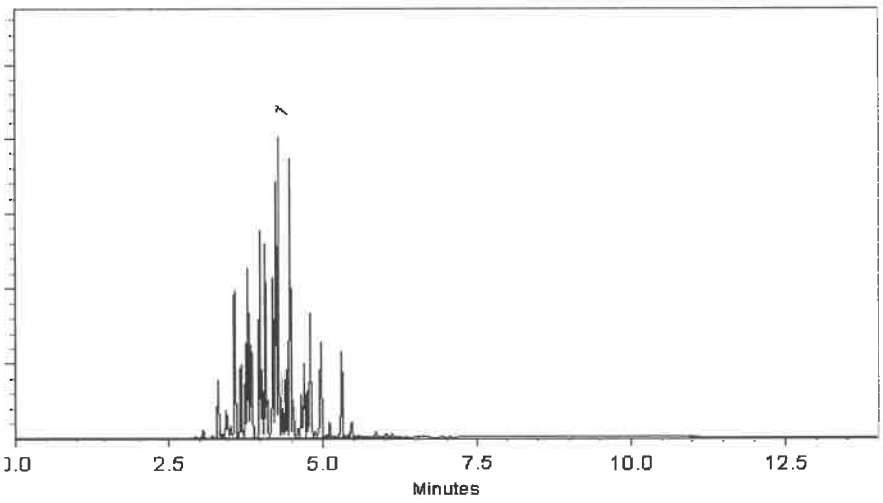
Inj. Temp:
250°C

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:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

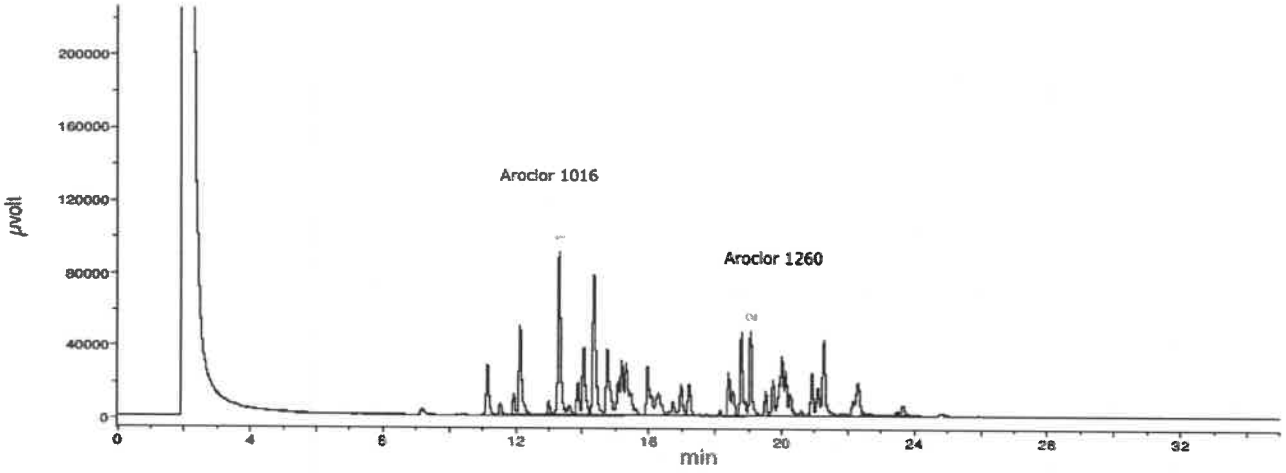
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — 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



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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

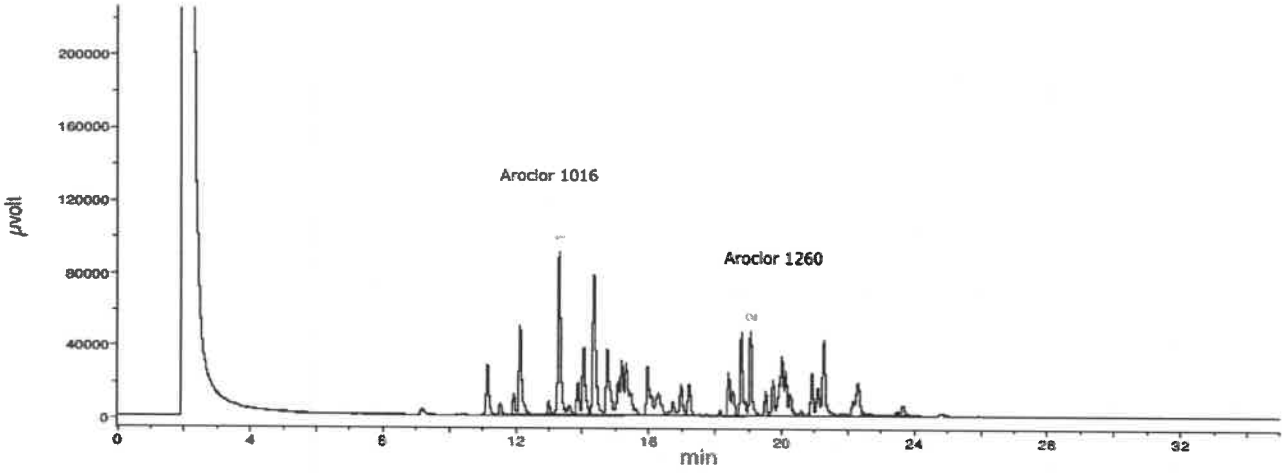
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — 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



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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

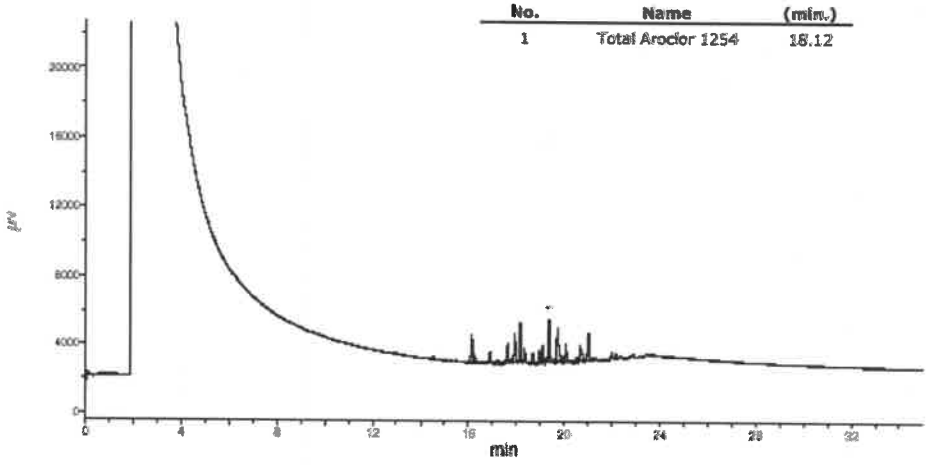
Note: Aroclor 1254 is a mix of isomers.

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



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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.

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P13348 ↓ P13357 (10)

04/25/2024

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

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.)

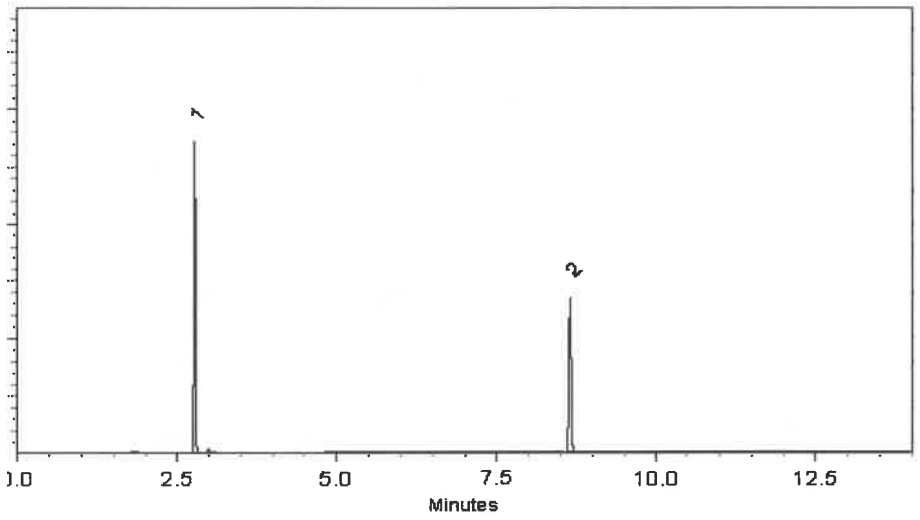
Inj. Temp:
250°C

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)

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P13357

04/25/2025

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CERTIFIED REFERENCE MATERIAL

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 ↓ P13357 (10)

04/25/2024

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

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.)

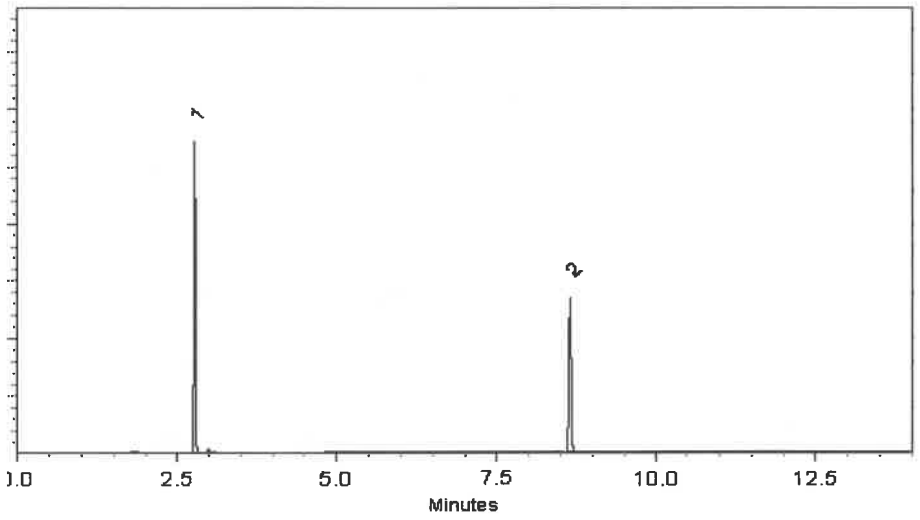
Inj. Temp:
250°C

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)

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P13357

04/25/2025

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Aroclor 1221 Standard	**Lot Number:**	0006783205
Product Number:	PP-292-1	**Lot Issue Date:**	20-Feb-2024
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Mar-2032

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1221	100.3	±	0.5 µg/mL	011104-28-2	NT01017

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.

P133f2
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P133f3

AJ
05106124

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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-015.2

ISO 17025
Cert No. AT-1937

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Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0207475

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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 1268	11100-14-4	10947000	----%	1,000.0 µg/mL	+/- 55.4925

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13380 2
P 13381
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.)

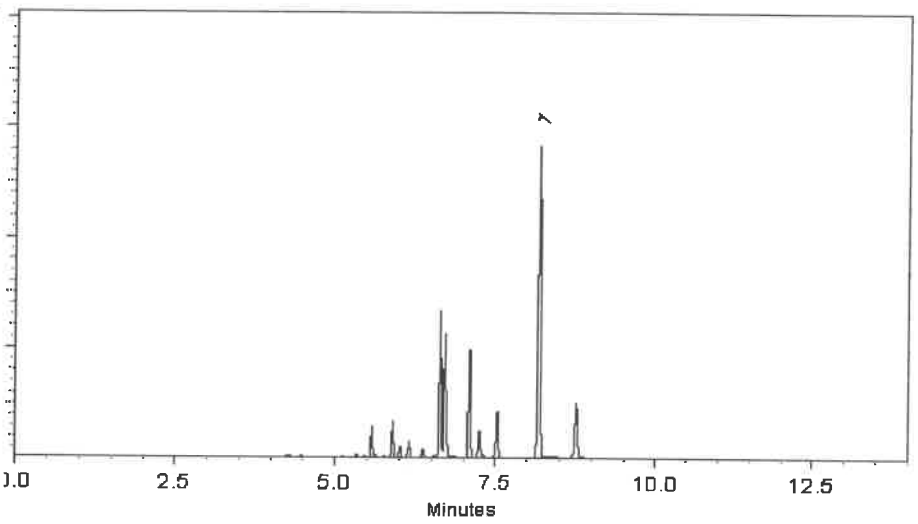
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
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.

Michael Maye - Operations Tech I

Date Mixed: 06-Feb-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

Date Passed: 09-Feb-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13380 (2)
↓
P13381
1

05/6/2024

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4	±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589
↓
P13590

AJ
10/14/24

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Aroclor 1248 Standard
Product Number: PP-342-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006726317
Lot Issue Date: 27-Jan-2023
Expiration Date: 28-Feb-2031

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3	±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591
↓
P13592

AJ
10/14/2024

Agilent

Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

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Bellefonte, PA 16823-8812
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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.)

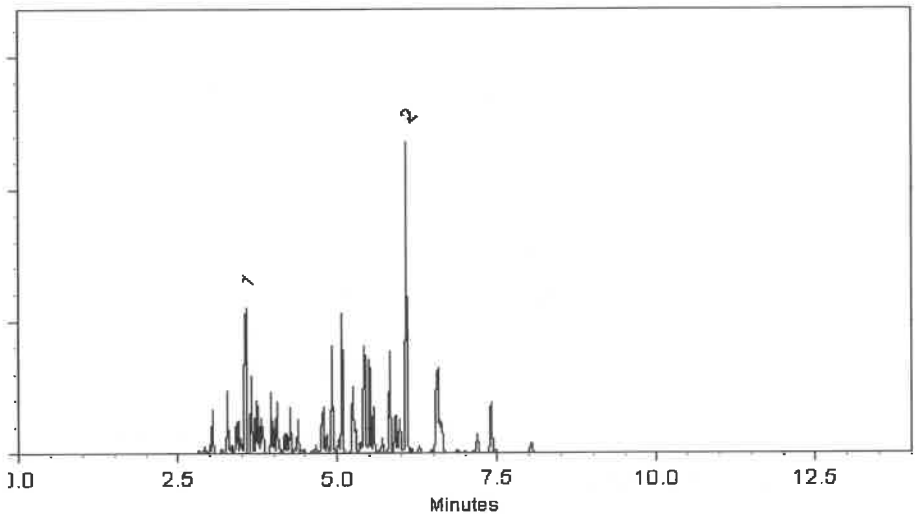
Inj. Temp:
250°C

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.

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Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0215270

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13702 & P13703 } Y.P. 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	14969200	----%	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.)

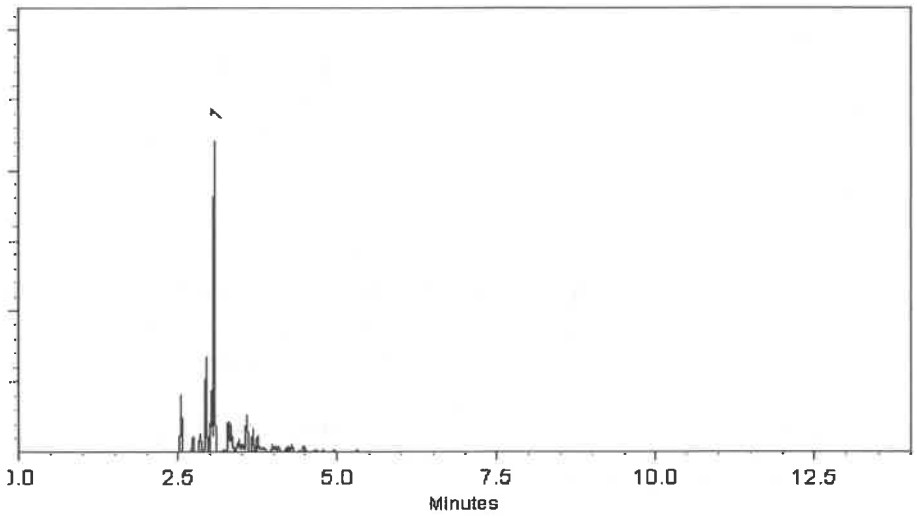
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
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: 16-Aug-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 20-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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

AJ
12/09/24

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

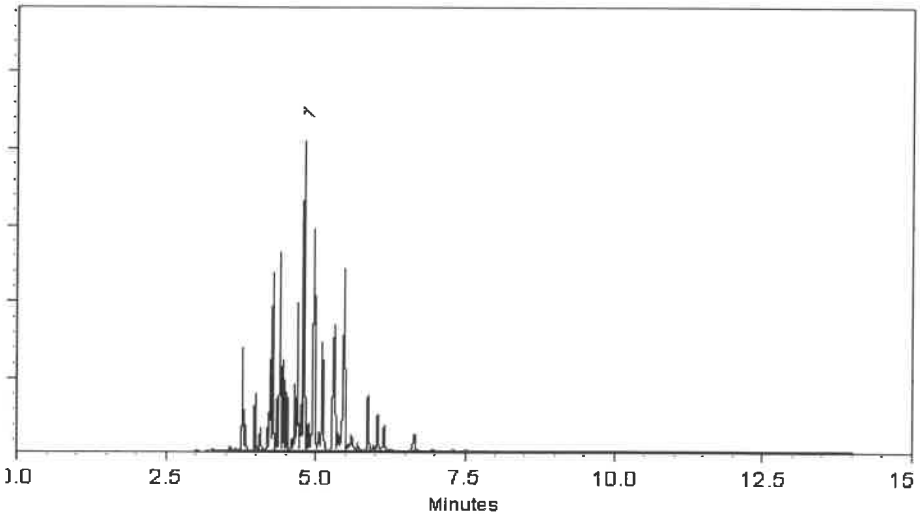
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I **Date Mixed:** 02-Oct-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 07-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0219655

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	----%	1,007.0 µg/mL	+/- 55.8810

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

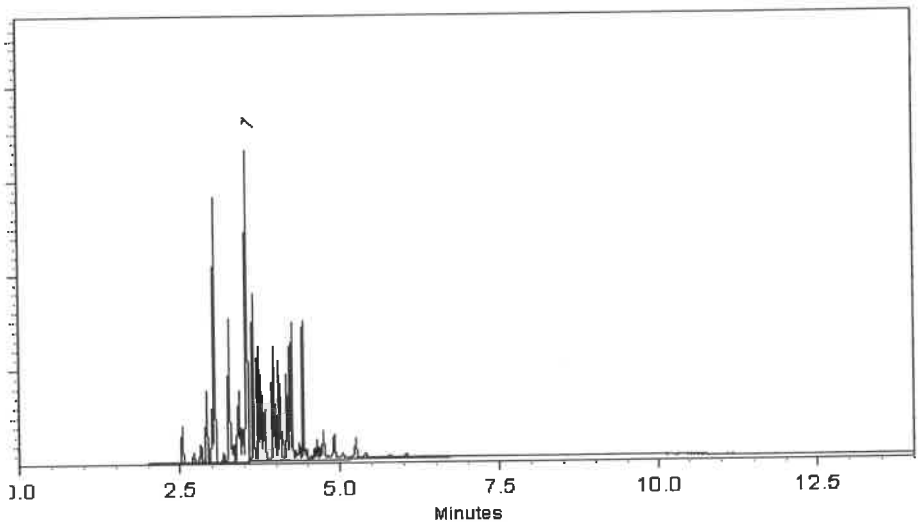
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0220950

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 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 1262	37324-23-5	10849100	----%	1,002.0 µg/mL	+/- 55.6035

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P138852
↓
P138853

AJ
01/28/25

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

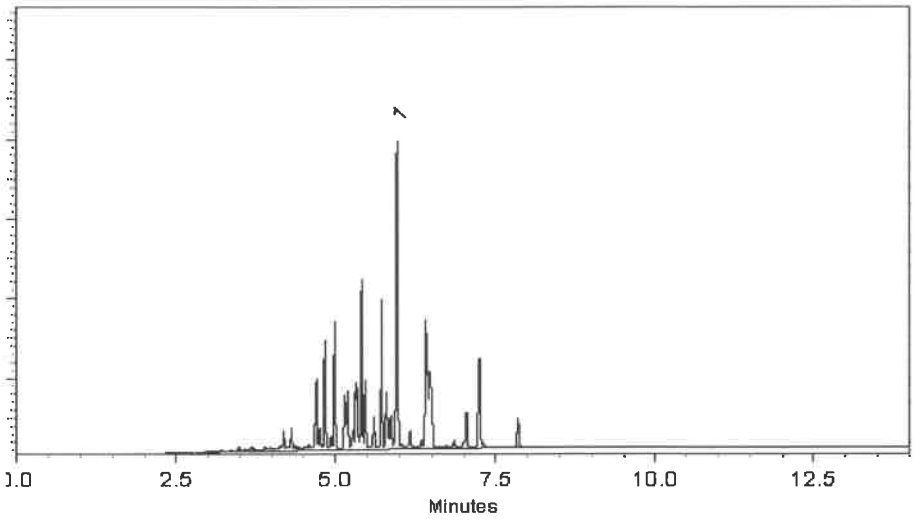
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 09-Jan-2025 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 14-Jan-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

W3147

W3147 update. 02/03/2025 JP

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1938
COC Number 2045846

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Saxton Fall and Sand Gravel
ADDRESS: 3000 International Drive
CITY Budd Lake STATE: N.J. ZIP:
ATTENTION: Rich Schindler
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Stan Hope
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY Stanhope STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

1: Hex Chrom
2: PCB
3: SVOC-TCL BNA-20
4: TPH GC
5: Trivalent Chromium
6: Cyanide
7: VOC-TCL VOA-10
8: EPH
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Lower Wall Pile-A	SOL	X		5.1.25	12:50	4	X	X	X	X	X	X				PID=0.0
2.	A			X		12:52	5							X	X		
3.	B		X			13:00	4	X	X	X	X	X	X				
4.	B			X		13:02	5							X	X		
5.	C		X			13:12	4	X	X	X	X	X	X				
6.	C			X		13:14	5							X	X		
7.	D		X			13:20	4	X	X	X	X	X	X				
8.	D			X		13:22	5							X	X		
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	5.1.2025 1410	1.
2.		2.
3.	5.1.2025 1540	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON-COMPLIANT X COOLER TEMP 4.1 °C
Comments: (Adjusted Factor + 1)
PID Meter Calibrated 5.1.2025
Equal volume of soil used, 5:1 Composite

Page 1 of 1

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Stan Hope
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 3000 International Drive, Budd Lake, N.J.

Chemtech Order ID:
Sampler Name: Lawrence Carter
Client Project Coordinator & Phone:
Page #: 1 of 1
Date: 5.1.2025
Arrive Time: 0830
Depart Time: 1410

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe

Collection Depths: Dimensions/CY:
Temp (range): °C PID Readings (range): PPM Odor: Y / (N) Color (Y) / N
Sample Description: Brown soil, Rocks.
Field Observations: Sampled, Small Pile, Large Pile, Lower Well Pile.

Grid/Area Composite Map:

QA Control # A3041134

See attached

Sampler Signature: L. Carter 5.1.2025
Client Signature:

Supervisor Review/Date:
Date/Time Arrived at Lab:

Lower Wall Pile

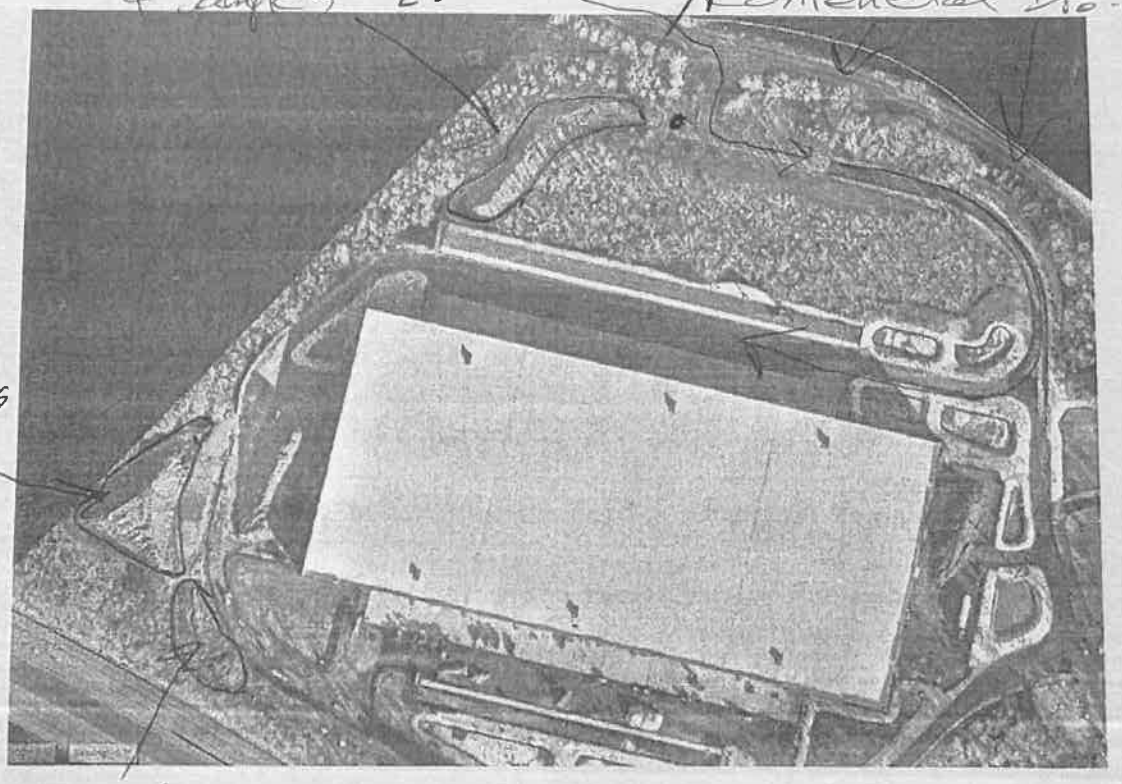
EXHIBIT 1

Soil Piles for Sampling 4 - 4 tests

Piles for sampling are circled in red

4 Samples 25" H

Kontenental Dio.



6 Samples

Large Pile

30" H

4 Samples

Small pile 20" H

Total 14 Samples.

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1938 SAXT01
Client Name : Saxton Falls Sand and Grav
Client Contact : Rich Schindelar
Invoice Name : Saxton Falls Sand and Grav
Invoice Contact : Rich Schindelar

Order Date : 5/1/2025 2:05:00 PM
Project Name : Stan Hope
Receive DateTime : 5/1/2025 ~~12:00:00~~ 15:40 AM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1938-02	LOWER-WALL-PILE-A	Solid	05/01/2025	12:52					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1938-04	LOWER-WALL-PILE-B	Solid	05/01/2025	13:02					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1938-06	LOWER-WALL-PILE-C	Solid	05/01/2025	13:14					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1938-08	LOWER-WALL-PILE-D	Solid	05/01/2025	13:22					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : JC
Date / Time : 5-1-2025 1650

Received By : MD
Date / Time : 5-1-25 16:5

Storage Area : VOA Refridgerator Room

Trucks
Stored in VOA
Frz # 02 Extract
in Ref # 06